CONTRACT PLANS COMPONENTS

ROADWAY PLANS
STRUCTURES - BRIDGE CONCEPT PLAN AND ELEVATION
CONCEPT SIGNING PLAN - SCROLL PLOTS
CONCEPT SIGNAL LAYOUT PLANS

INDEX OF ROADWAY PLANS

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

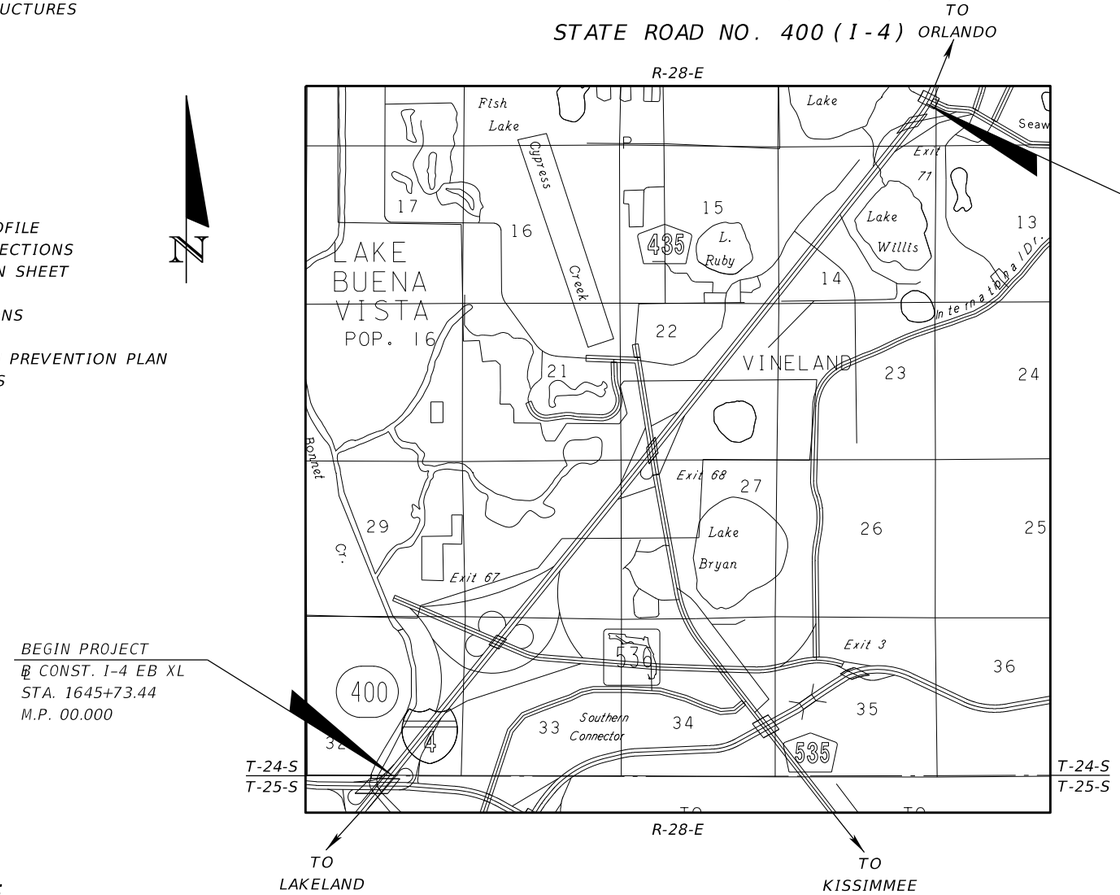
CONTRACT PLANS

FINANCIAL PROJECT ID 242484-8-52-01

(FEDERAL FUNDS)

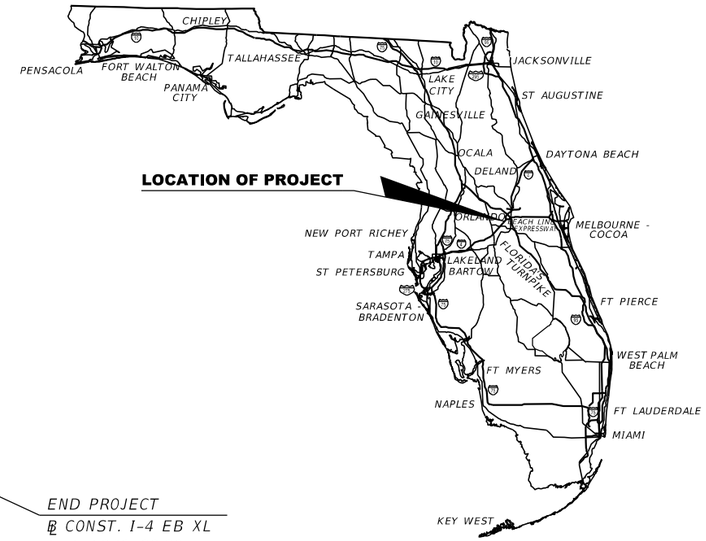
ORANGE COUNTY (75280)

STATE ROAD NO. 400 (I-4)



BEGIN PROJECT
℄ CONST. I-4 EB XL
STA. 1645+73.44
M.P. 00.000

END PROJECT
℄ CONST. I-4 EB XL
STA. 1936+00.00
M.P. 5.497



FINAL
CONCEPT UPDATE SET
FEBRUARY 2021

ROADWAY PLANS ENGINEER OF RECORD:

AECOM Technical Services, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL. 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115

FDOT PROJECT MANAGER:

Su Hao, PE

GOVERNING DESIGN STANDARDS:

Florida Department of Transportation, FY2017-18 Design Standards eBook (DSeB) and applicable Design Standards Revisions (DSRs) at the following website:
http://www.fdot.gov/rddesign/DesignStandards/Standards.shtm

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, Jan. 2018 Standard Specifications for Road and Bridge Construction at the following website:
http://www.fdot.gov/programmanagement/Implemented/SpecBooks

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
TBD	TBD	1

PRELIMINARY: NOT FOR CONSTRUCTION

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NOTES TO REVIEWERS

1. REVIEWERS SHALL NOTE THAT THIS PROJECT IS PART OF THE "I-4 BEYOND THE ULTIMATE" DESIGN WHICH CORRESPONDS TO THE COMPLETED "I-4 BEYOND THE ULTIMATE" PROJECT DEVELOPMENT AND ENVIRONMENT (PD&E) REEVALUATION STUDY. THE "I-4 BEYOND THE ULTIMATE "PD&E STUDY EXTENDS THE CAPACITY IMPROVEMENTS UNDER CONSTRUCTION FOR "I-4 ULTIMATE" AND IS COMPRISED OF SEGMENT 5 (POLK COUNTY), SEGMENT 1 (OSCEOLA AND SOUTHERN ORANGE COUNTY), SEGMENT 2 (ORANGE COUNTY), SEGMENT 3 (SEMINOLE COUNTY), AND SEGMENT 4 (VOLUSIA COUNTY). THE INTENT FOR THE "I-4 BEYOND THE ULTIMATE" (BTU) DESIGN PHASE IS TO DEVELOP CONCEPTUAL DESIGN PLANS TO ESTABLISH REQUIRED RIGHT-OF-WAY NEEDS AND TO OBTAIN THE REQUIRED ENVIRONMENTAL RESOURCE PERMITS FROM THE REGULATORY AGENCIES. THE I-4 BTU DESIGN PHASE DOES NOT INCLUDE THE DEVELOPMENT OF CONSTRUCTION PLANS OR DOCUMENTS. IT IS ANTICIPATED THAT I-4 BTU FINAL DESIGN AND CONSTRUCTION SHALL BE ACCOMPLISHED VIA AN ALTERNATIVE PROJECT DELIVERY METHOD SUCH AS DESIGN-BUILD OR DESIGN-BUILD-FINANCE.

2. THE AECOM DESIGN TEAM IS CONTRACTED TO PROVIDE CONCEPT PLANS FOR I-4 BTU DESIGN FOR FPN'S 201210-3-52-01, 431456-1-52-01 AND 242484-8-52-01 - AKA SEGMENT 5, SEGMENT 1A AND SEGMENT 1B OF THE PD&E REEVALUATION STUDY.

3. THIS FINAL CONCEPT PLANS UPDATE SUBMITTAL IS A REPEAT SUBMITTAL OF THE SECOND OF TWO SUBMITTALS SCOPED FOR THE ORANGE COUNTY PORTION OF I-4 (SR 400) BEYOND THE ULTIMATE DESIGN PHASE. THE FIRST PHASE SUBMITTAL CONSISTED OF CONCEPT PLANS, PROFILES AND CROSS SECTIONS TO CONVEY THE GEOMETRIC LINE AND GRADE FOR I-4 BTU. THE SECOND PHASE SUBMITTAL CONSISTED OF FURTHER DEVELOPED CONCEPT PLANS, PROFILES AND CROSS SECTIONS TO ESTABLISH LIMITS OF CONSTRUCTION, PROVIDE CONCEPTUAL DRAINAGE CONVEYANCE AND TREATMENT/ATTENUATION SYSTEM(S), AND ESTABLISH RIGHT-OF-WAY NEEDS. THIS FINAL CONCEPT PLANS UPDATE SUBMITTAL REFRESHES THE FINAL CONCEPT PLANS TO INCORPORATE ACCESS CHANGES TO THE EXPRESS LANES AND RE-ESTABLISHES THE LIMITS OF CONSTRUCTION, CONCEPTUAL DRAINAGE CONVEYANCE AND TREATMENT/ATTENUATION SYSTEM(S), AND RE-CONFRIMS THE ESTABLISHED RIGHT-OF-WAY NEEDS. THESE FINAL CONCEPT PLANS UPDATE WILL BE USED TO OBTAIN AN ENVIRONMENTAL RESOURCE PERMIT FROM THE REGULATORY AGENCIES.

4. THE FOLLOWING PLAN COMPONENTS ARE INCLUDED IN THE I-4 BTU FINAL CONCEPT DESIGN UPDATE PHASE AT A CONCEPTUAL LEVEL:
   - SIGNING AND PAVEMENT MARKING CONCEPT PLANS - INCLUDED WITH FINAL CONCEPT UPDATE PLANS SUBMITTAL
   - SIGNALIZATION CONCEPT PLANS - INCLUDED WITH FINAL CONCEPT UPDATE PLANS SUBMITTAL
   - BRIDGE CONCEPT MEMORANDA WITH SUPPORTING PLAN AND ELEVATION SHEETS - INCLUDED WITH FINAL CONCEPT UPDATE PLANS SUBMITTAL

5. THE FOLLOWING PLAN COMPONENTS ARE NOT INCLUDED IN THE I-4 BTU CONCEPT DESIGN PHASE:
   - LIGHTING PLANS
   - LANDSCAPE PLANS
   - WALL AND MISCELLANEOUS STRUCTURE PLANS
   - INTELLIGENT TRANSPORTATION PLANS
   - ARCHITECTURAL PLANS

6. SUFFICIENT DETAIL IS PROVIDED IN THE FINAL CONCEPT UPDATE PLANS PHASE SUBMITTAL TO DEFINE THE HORIZONTAL AND VERTICAL ALIGNMENT ELEMENTS OF THE PROJECT, ALONG WITH DETAILS RELATED TO STORMWATER CONVEYANCE, ROADSIDE TREATMENT, CUT AND FILL SLOPES AND ADDITIONAL RIGHT-OF-WAY NEEDS. SPECIFICALLY, REVIEWERS WILL NOTE THAT ACCURATE GEOMETRICAL INFORMATION IS PRESENTED FOR PROPOSED ALIGNMENTS AND ROADWAYS IN CROSS SECTIONS INCLUDING ROADSIDE SLOPES, APPROXIMATE WALL LIMITS, AND DITCHES TO ESTABLISH THE RIGHT-OF-WAY NEEDS FOR I-4 BTU.

7. STORMWATER CONVEYANCE SYSTEMS HAVE BEEN CONCEPTUALLY DESIGNED TO A LEVEL SUFFICIENT TO DOCUMENT ACCEPTABLE ROADWAY PROFILES BASED ON HYDRAULIC GRADELINES AND POND CALCULATIONS. THE CONCEPTUALLY DESIGNED STORMWATER CONVEYANCE SYSTEM INCLUDES INLETS THAT HAVE BEEN SPACED AT A PRE-DETERMINED INTERVAL; SPREAD CALCULATIONS ARE SPECIFICALLY EXCLUDED FROM THE CONCEPTUAL STORMWATER CONVEYANCE SYSTEM. DITCHES HAVE BEEN DESIGNED TO A SUFFICIENT LEVEL NEEDED TO DETERMINE RIGHT-OF-WAY REQUIREMENTS AND INTEGRATE WITH THE CONCEPTUAL STORMWATER CONVEYANCE SYSTEM.

8. THE FOLLOWING SHEETS ARE NOT INCLUDED IN THE SCOPE OF THE I-4 BTU CONCEPT DESIGN AND ARE THEREFORE EXCLUDED FROM THE FINAL CONCEPT UPDATE PLANS:
   - SUMMARY OF PAY ITEMS
   - SUMMARY OF QUANTITIES
   - TYPICAL SECTION DETAILS/PARTIAL TYPICALS
   - OPTIONAL PIPE ANALYSIS
   - SUMMARY OF QUANTITIES
   - SUMMARY OF DRAINAGE STRUCTURES
   - PROJECT LAYOUT
   - INTERCHANGE DRAINAGE MAPS
   - RAMP TERMINAL DETAILS
   - INTERSECTION DETAILS
   - SPECIAL DETAILS
   - DRAINAGE DETAILS
   - DRAINAGE STRUCTURE CROSS SECTIONS - LIMITED TO CROSS DRAINS ONLY
   - TEMPORARY TRAFFIC CONTROL PLAN (TTCP)
   - TTCP CROSS SECTIONS
   - TTCP DETAILS
   - UTILITY ADJUSTMENT SHEETS

9. EXISTING ABOVE GROUND UTILITIES ARE INCLUDED IN THE TOPOGRAPHIC SURVEY OF THE PROJECT CORRIDOR. ADDITIONALLY SUB-SURFACE UTILITY SURVEY HAS BEEN PERFORMED AT CRITICAL PROJECT LOCATIONS FOCUSING ON LOCATION AND IDENTIFICATION OF FLORIDA GAS TRANSMISSION (FGT) FACILITIES. UTILITY COORDINATION IS LIMITED TO ONE CONTACT WITH UTILITY AGENCY/OWNERS (UAOs) TO INFORM THE UAOs OF THE PROPOSED IMPROVMENTS ASSOCIATED WITH THE PROJECT. DEVELOPMENT OF UTILITY RELOCATION/ADJUSMENT PLANS, WORK SCHEDULES, AND UTILITY ESTIMATES, ETC IS NOT INCLUDED IN THE SCOPE OF THE I-4 BTU CONCEPT DESIGN.

10. EXISTING GUARDRAIL DESIGNATED TO REMAIN MUST BE EVALUATED AGAINST THE LATEST APPLICABLE CRITERIA TO VERIFY SAFETY AND FUNCTIONALITY. EVALUATIONS OF EXISTING GUARDRAIL SHOULD INCLUDE MOUNTING HEIGHT, OFFSET, CRASHWORTHINESS AND CONNECTIONS TO EXISTING RIGID BARRIERS. THIS EVALUATION AND RECOMMENDATIONS SHALL BE PERFORMED DURNING THE ALTERNATIVE DELIVERY METHOD STAGE, PRIOR TO CONSTRUCTION

11. LATERAL PIPES THAT ARE NOT PART OF THE STORM DRAIN TRUNK LINE HAVE BEEM OMITTED FROM ROADWAY PROFILES

REVISIONS			
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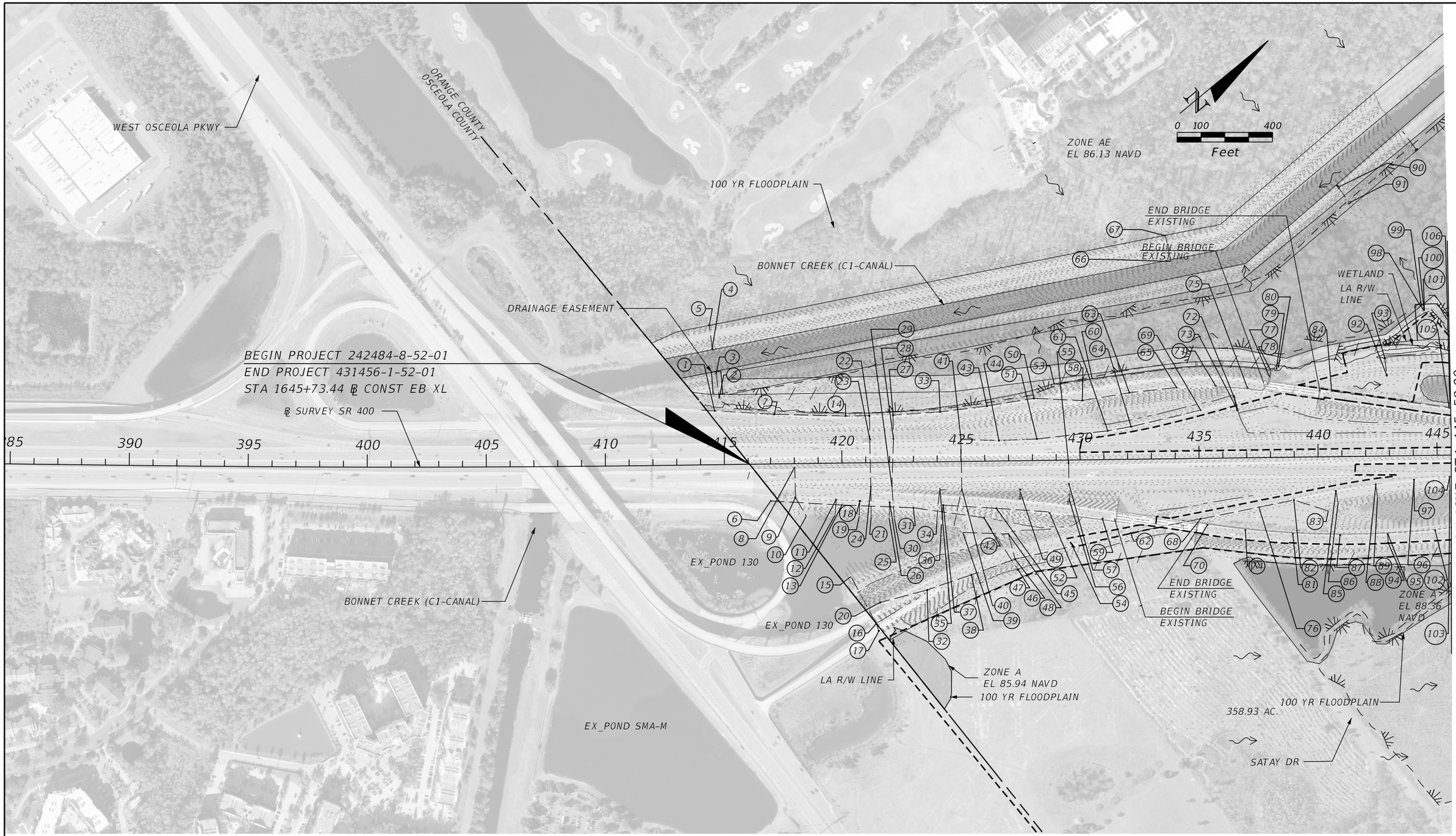
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

NOTES TO REVIEWERS

SHEET NO. 2

PRELIMINARY: NOT FOR CONSTRUCTION



NOTE: DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

LEGEND

- MAJOR DRAINAGE BASIN DIVIDE
- EXIST DRAINAGE FLOW
- (1) EXIST. DRAINAGE STRUCTURE

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DEPARTMENT OF TRANSPORTATION

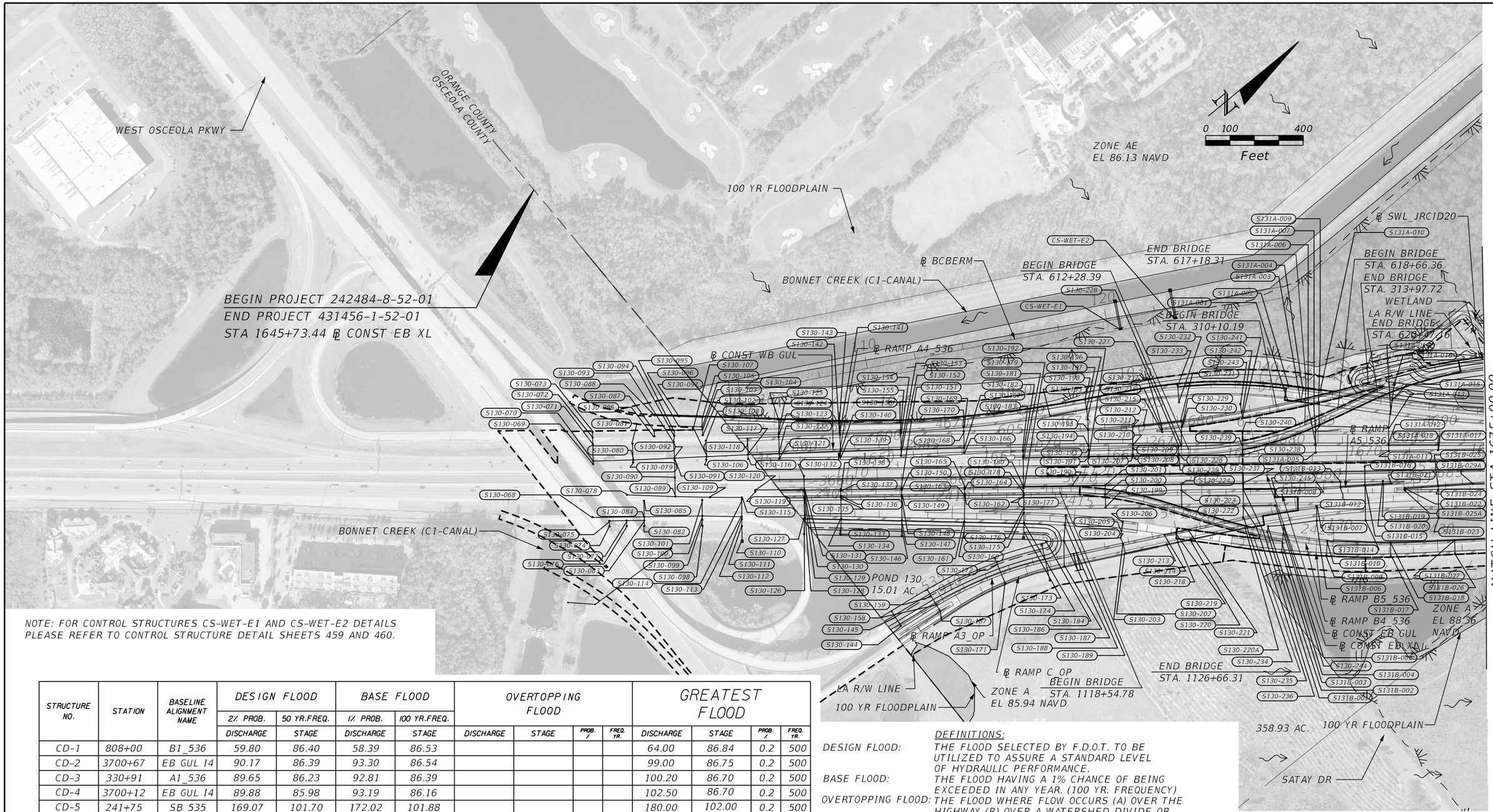
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DRAINAGE MAP (1)
EXISTING CONDITION

SHEET NO. 3

glen.dvorovy 2/25/2021 11:37:04 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRMPRD01.dgn

PRELIMINARY: NOT FOR CONSTRUCTION



NOTE: FOR CONTROL STRUCTURES CS-WET-E1 AND CS-WET-E2 DETAILS PLEASE REFER TO CONTROL STRUCTURE DETAIL SHEETS 459 AND 460.

STRUCTURE NO.	STATION	BASELINE ALIGNMENT NAME	DESIGN FLOOD		BASE FLOOD		OVERTOPPING FLOOD				GREATEST FLOOD			
			2% PROB.	50 YR.FREQ.	1% PROB.	100 YR.FREQ.								
			DISCHARGE	STAGE	DISCHARGE	STAGE	DISCHARGE	STAGE	PROB. %	FREQ. YR.	DISCHARGE	STAGE	PROB. %	FREQ. YR.
CD-1	808+00	B1_536	59.80	86.40	58.39	86.53					64.00	86.84	0.2	500
CD-2	3700+67	EB GUL I4	90.17	86.39	93.30	86.54					99.00	86.75	0.2	500
CD-3	330+91	A1_536	89.65	86.23	92.81	86.39					100.20	86.70	0.2	500
CD-4	3700+12	EB GUL I4	89.88	85.98	93.19	86.16					102.50	86.70	0.2	500
CD-5	241+75	SB 535	169.07	101.70	172.02	101.88					180.00	102.00	0.2	500
CD-6	1810+44	EB HOTEL	197.96	100.06	208.58	100.33					230.00	100.93	0.2	500

NOTE: THE HYDRAULIC DATA IS SHOWN FOR INFORMATIONAL PURPOSES ONLY, TO INDICATE THE FLOOD DISCHARGES AND WATER SURFACE ELEVATIONS WHICH MAY BE ANTICIPATED IN ANY GIVEN YEAR. THIS DATA WAS GENERATED USING HIGHLY VARIABLE FACTORS DETERMINED BY A STUDY OF THE WATERSHED. MANY JUDGEMENTS AND ASSUMPTIONS ARE REQUIRED TO ESTABLISH THESE FACTORS. THE RESULTANT HYDRAULIC DATA IS SENSITIVE TO CHANGES, PARTICULARLY OF ANTECEDENT CONDITIONS, URBANIZATION, CHANNELIZATION, AND LAND USE. USERS OF THIS DATA ARE CAUTIONED AGAINST THE ASSUMPTION OF PRECISION WHICH CAN NOT BE ATTAINED. DISCHARGES ARE IN CUBIC FEET PER SECOND AND STAGES ARE IN FEET, NAVD, 1988.

DEFINITIONS:

DESIGN FLOOD: THE FLOOD SELECTED BY F.D.O.T. TO BE UTILIZED TO ASSURE A STANDARD LEVEL OF HYDRAULIC PERFORMANCE.

BASE FLOOD: THE FLOOD HAVING A 1% CHANCE OF BEING EXCEEDED IN ANY YEAR. (100 YR. FREQUENCY)

OVERTOPPING FLOOD: THE FLOOD WHERE FLOW OCCURS (A) OVER THE HIGHWAY (B) OVER A WATERSHED DIVIDE OR (C) THRU EMERGENCY RELIEF STRUCTURES.

GREATEST FLOOD: THE MOST SEVERE FLOOD WHICH CAN BE PREDICTED WHERE OVERTOPPING IS NOT PRACTICABLE, NORMALLY ONE WITH A 0.2% CHANCE OF BEING EXCEEDED IN ANY YEAR. (500 YR. FREQUENCY)

NOTE: DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

LEGEND

- MAJOR DRAINAGE BASIN DIVIDE
- EXIST DRAINAGE FLOW
- (XX-XX) PROPOSED DRAINAGE STRUCTURE ID NUMBER

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DRAINAGE MAP (1)
PROPOSED CONDITION

SHEET NO. 4

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MATCH LINE STA 115+00.00

BONNET CREEK (C-1 CANAL)

CHELONIA PKWY

ZONE AE
EL 86.13 NAVD

LA R/W LINE

100 YR FLOODPLAIN

WETLAND

WETLAND

WETLAND

EX-CD-3

WETLAND

℄ SURVEY SR 536

WETLAND LINE

WETLAND

WETLAND

WALT DISNEY
WORLD RESORT

BUENA VISTA DR

2.74 AC.

LA R/W LINE

WETLAND

℄ SURVEY SR 400

0 100 400
Feet

MATCH LINE STA 445+59.00

MATCH LINE STA 505+60.69

ZONE A
EL 87.20 NAVD

EX-CD-2

EX_POND131B

EX-CD-1

WETLAND

R/W LINE

ZONE A
EL 88.36 NAVD

398.93 AC.

100 YR FLOODPLAIN

GREENE PROPERTY

LA R/W LINE

WETLAND

WETLAND

WETLAND

WETLAND

LA R/W LINE

ORLANDO
WORLD CENTER
MARRIOTT RESORT

95.06 AC.

EX-CD-4

WETLAND

MATCH LINE STA 154+00.00

LEGEND

(1) EXIST. DRAINAGE STRUCTURE

MAJOR DRAINAGE BASIN DIVIDE

EXIST DRAINAGE FLOW

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DRAINAGE MAP (2)
EXISTING CONDITION

SHEET NO. 5

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MATCH LINE STA 115+00.00

MATCH LINE STA 1675+00.00

MATCH LINE STA 1735+00.00

MATCH LINE STA 154+00.00

LA R/W LINE

BONNET CREEK (C-1 CANAL)

CHELONIA PKWY

ZONE AE
EL 86.13 NAVD

100 YR FLOODPLAIN

℄ RAMP A1_536

℄ SWL_JRCID20

℄ RAMP D1_OP

WETLAND
BEGIN BRIDGE
STA 409+39.17

WETLAND
POND 131A
3.64 AC.

CD-4

CD-3

CD-2

CD-1

WETLAND

POND 132
10.99 AC.

WETLAND
BEGIN BRIDGE
STA. 131+20.48

WETLAND

WETLAND

℄ GONST 536

℄ RAMP A3_536

WETLAND

POND 134A
10.58 AC.

BEGIN BRIDGE
STA. 131+20.48

℄ RAMP D6_536

℄ RAMP D3_536

WALT DISNEY
WORLD RESORT

POND 134B
2.44 AC.

BEGIN BRIDGE
STA 3723+16.77

2.74 AC.

LA R/W LINE

WETLAND

WETLAND

WETLAND

BEGIN BRIDGE
STA. 1308+49.54

℄ RAMP E1_536

℄ RAMP D2_536

℄ RAMP D4_536

BUENA VISTA DR
BEGIN BRIDGE
STA. 4740+55.05

END BRIDGE
STA. 2013+94.46

℄ RAMP D1_536

℄ CONST WB GUL

℄ CONST WB XL

0 100 400
Feet

S29 T24 R28E
S5 T25 R28E

S28 T24 R28E
S4 T25 R28E

POND 133A
11.63 AC.

END BRIDGE
STA. 135+46.58

END BRIDGE
STA 414+72.60

WETLAND

POND 135A
6.18 AC.

BEGIN BRIDGE
STA 915+74.09

END BRIDGE
STA 917+62.64

BEGIN BRIDGE
STA 919+11.37

POND 131B
6.17 AC.

℄ RAMP A5_536

℄ RAMP B2_536

℄ RAMP A2_536

℄ RAMP B1_536
398.93 AC.

WETLAND

WETLAND

100 YR FLOODPLAIN

GREENE PROPERTY

BEGIN BRIDGE
STA 433+61.55

POND 133B 3.96 AC.

END BRIDGE
STA 435+65.08

LA R/W LINE

POND 133C
2.17 AC.

℄ RAMP C3_536 END BRIDGE
STA 924+48.11

℄ RAMP C4_536

95.06 AC.

END BRIDGE
STA 1004+11.63

WETLAND LINE

BEGIN BRIDGE
STA 1002+89.45

END BRIDGE
STA 438+94.34

BEGIN BRIDGE
STA 437+84.96

BEGIN BRIDGE
STA. 1014+72.32

℄ RAMP B3_536
END BRIDGE
STA 1018+60.78

℄ RAMP C1_536

℄ CONST EB CD_536

℄ RAMP C2_536

℄ CONST EB GUL

℄ CONST EB XL

LA R/W LINE

ORLANDO
WORLD CENTER
MARRIOTT RESORT

ZONE A
EL 88.36 NAVD

LEGEND

- MAJOR DRAINAGE BASIN DIVIDE
- EXIST DRAINAGE FLOW
- XX-XX PROPOSED DRAINAGE STRUCTURE ID NUMBER

NOTE: DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.
NOTE (2): EQUALIZER PIPES BETWEEN PONDS HAVE NOT BEEN LABELED AND ARE INCLUDED ON THE POND DETAIL SHEETS.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DRAINAGE MAP (2)
PROPOSED CONDITION

SHEET NO. 6

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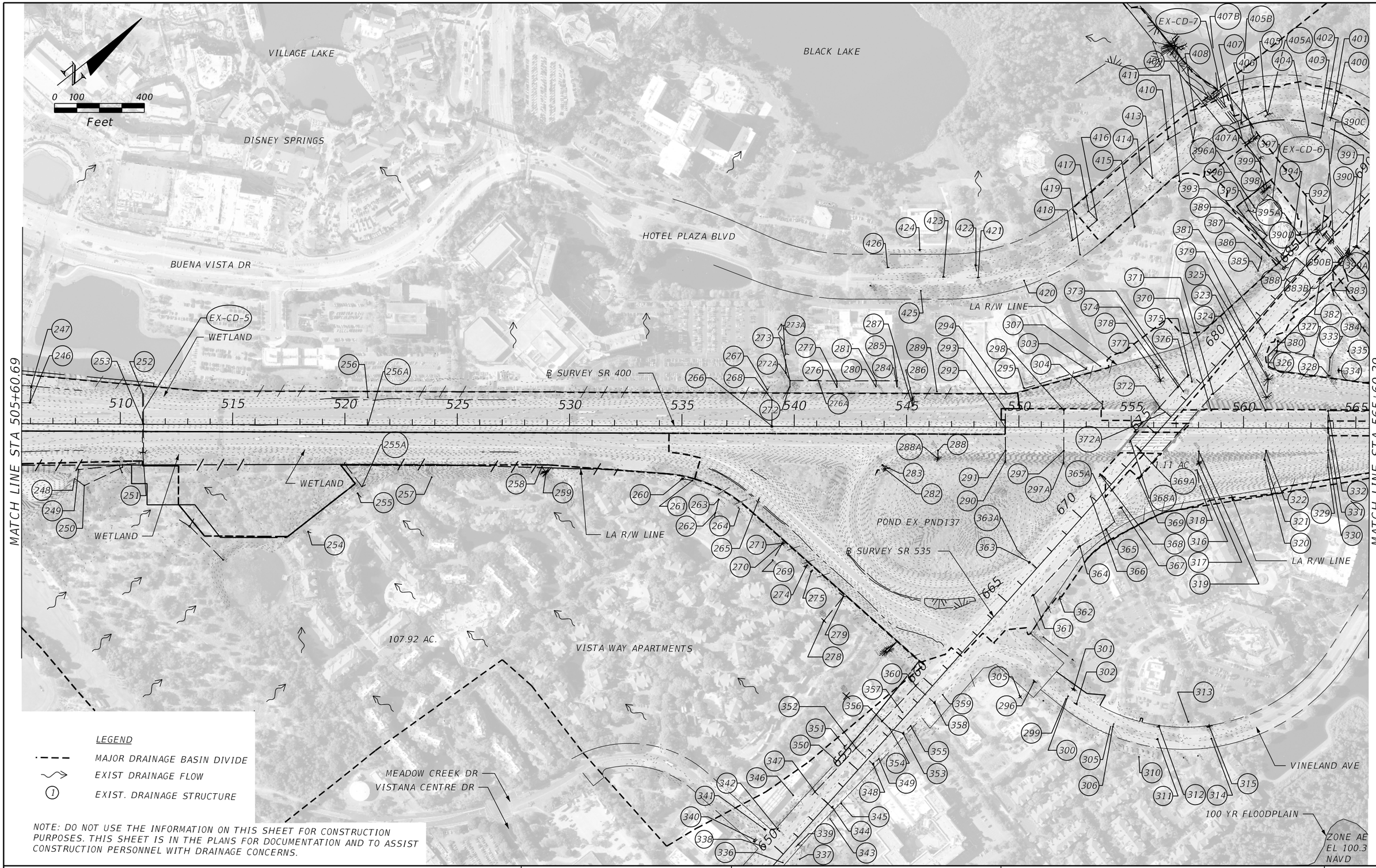

LEGEND

- MAJOR DRAINAGE BASIN DIVIDE
- EXIST DRAINAGE FLOW
- (1) EXIST. DRAINAGE STRUCTURE

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DRAINAGE MAP (3)
EXISTING CONDITION

SHEET NO. 7

PRELIMINARY: NOT FOR CONSTRUCTION

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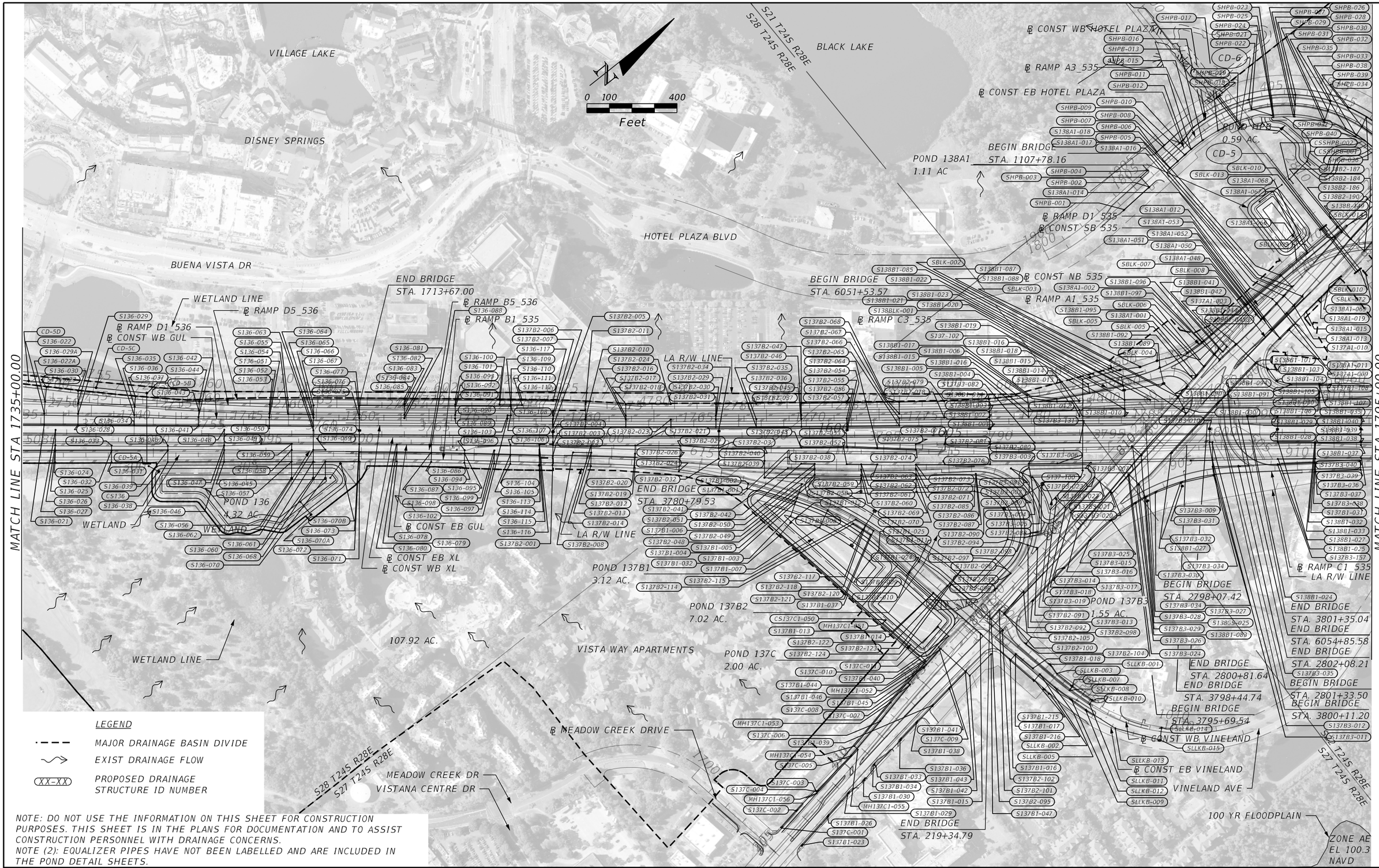

LEGEND

- *MAJOR DRAINAGE BASIN DIVIDE*
- *EXIST DRAINAGE FLOW*
- *XX-XX PROPOSED DRAINAGE STRUCTURE ID NUMBER*

NOTE: DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.
NOTE (2): EQUALIZER PIPES HAVE NOT BEEN LABELLED AND ARE INCLUDED IN THE POND DETAIL SHEETS.

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DRAINAGE MAP (3)
PROPOSED CONDITION

SHEET NO. 8

glen.dvorovy 2/25/2021 11:44:13 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRMPRD03_p.dgn

MATCH LINE STA 155+00.00

MATCH LINE STA 565+60.39

MATCH LINE STA 625+60.47

ZONE AE
EL 117.2 NAVD

RUBY LAKE

100 YR FLOODPLAIN

0 100 400
Feet

8.16 AC.

31.38 AC.

1.54 AC.

PALM PARKWAY

13.42 AC.

℄ SURVEY SR 400

7.27 AC.

8.32 AC.

13.74 AC.

10.47 AC.

1.14 AC.

℄ SURVEY SR 535

LA R/W LINE

VINELAND AVE

LAKE CHELSEA

LAKE ST

ORLANDO VINELAND
PREMIUM OUTLETS

LITTLE LAKE
BRYAN RD

LITTLE LAKE BRYAN

ZONE AE
EL 100.3 NAVD

100 YR FLOODPLAIN

ARREZZO WAY

REGENCY VILLAGE DR

EX-CD-8

LEGEND

- MAJOR DRAINAGE BASIN DIVIDE
- EXIST DRAINAGE FLOW
- (1) EXIST. DRAINAGE STRUCTURE

NOTE: DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

PRELIMINARY: NOT FOR CONSTRUCTION

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AECOM TECHNICAL SERVICES, Inc.
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www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DRAINAGE MAP (4)
EXISTING CONDITION

SHEET NO. 9

glen.dvorovy 2/25/2021 11:46:19 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRMPRD04.dgn

MATCH LINE STA 155+00.00

MATCH LINE STA 1795+00.00

MATCH LINE STA 1855+00.00

℄ CONST SB 535
℄ CONST NB 535

POND 138B4
0.48 AC.

POND 138B3
5.31 AC.

POND 138B2
13.84 AC.

POND 138B1
5.66 AC.

POND PALM
1.39 AC.

8.16 AC.

℄ RAMP D4_535

BEGIN BRIDGE
STA. 146+42.32

END BRIDGE
STA. 1118+55.18

13.42 AC.

℄ CONST WB PALM
℄ CONST EB PALM
7.27 AC.

1.54 AC.

℄ RAMP D2_535

℄ RAMP D1_535

℄ CONST WB CD1

1.14 AC

8.32 AC.

31.38 AC.

13.74 AC.

PALM PARKWAY

VINELAND AVE

℄ CONST WB XL

℄ CONST EB GUL
℄ CONST EB XL

℄ CONST WB CD2
℄ CONST WB GUL
℄ CONST A DCP

LA R/W LINE

LA R/W LINE
℄ RAMP D3_535

END BRIDGE
STA. 6078+21.21

BEGIN BRIDGE
STA. 6076+64.47

2.72 AC.

LAKE CHELSEA

LITTLE LAKE BRYAN

LITTLE LAKE
BRYAN RD

100 YR FLOODPLAIN

ZONE AE
EL 117.2 NAVD

RUBY LAKE

100 YR FLOODPLAIN

0 100 400
Feet

S15 T24S R28E
S22 T24S R28E

S14 T24S R28E
S23 T24S R28E

LAKE ST

ORLANDO VINELAND
PREMIUM OUTLETS

ARREZZO WAY

REGENCY VILLAGE DR

S22 T24S R28E
S23 T24S R28E

LEGEND

MAJOR DRAINAGE BASIN DIVIDE

EXIST DRAINAGE FLOW

XX-XX PROPOSED DRAINAGE STRUCTURE ID NUMBER

NOTE: DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.
NOTE(2): EQUALIZER PIPES BETWEEN PONDS HAVE NOT BEEN LABELLED AND ARE INCLUDED ON THE POD DETAIL SHEETS.

REVISIONS

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DRAINAGE MAP (4)
PROPOSED CONDITION

SHEET NO. 10

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/25/2021 11:47:51 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRMPRD04_p.dgn

RUBY LAKE

ZONE AE
EL 117.2 NAVD

100 YR FLOODPLAIN

BIG SAND LAKE

ZONE AE
EL 100.5 NAVD

100 YR FLOODPLAIN

0 100 400
Feet

MATCH LINE STA 625+60.47

MATCH LINE STA 685+60.45

LA R/W LINE

POND EX_PND140

BEGIN BRIDGE
EXISTING

℄ SURVEY SR 400

PALM PKWY

LA R/W LINE

EX-CD-9

POND EX_PND139

LA R/W LINE

END BRIDGE
EXISTING

DARYL CARTER PKWY

END BRIDGE
EXISTING

POND EX_PND139

SOUTH FLORIDA BLVD

LA R/W LINE

92.32 AC.

POND
EX_PNDC

SPREADER SWALE

LAKE ST

REGENCY VILLAGE DR

LAKE WILLIS

ZONE AE
EL 107.0 NAVD

GRAND HORIZONS BLVD

100 YR FLOODPLAIN

LEGEND

- MAJOR DRAINAGE BASIN DIVIDE
- EXIST DRAINAGE FLOW
- (1) EXIST. DRAINAGE STRUCTURE

NOTE: DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DRAINAGE MAP (5)
EXISTING CONDITION

SHEET NO. 11

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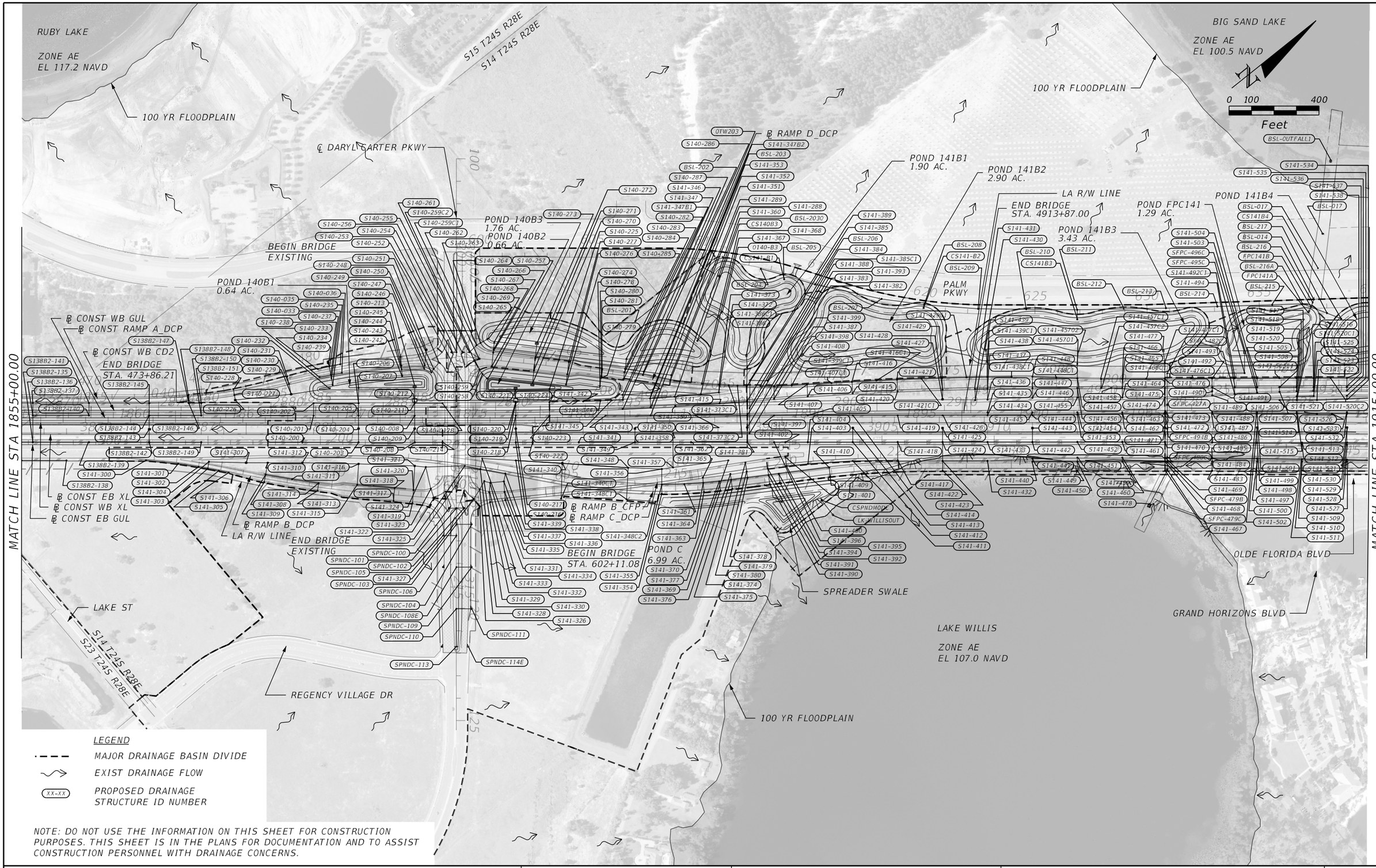

LEGEND

- MAJOR DRAINAGE BASIN DIVIDE
- EXIST DRAINAGE FLOW
- XX-XX PROPOSED DRAINAGE STRUCTURE ID NUMBER

NOTE: DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DRAINAGE MAP (5)
PROPOSED CONDITION

SHEET NO. 12

glen.dvorovy 2/25/2021 11:50:31 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRMPRD05_p.dgn



LEGEND

- MAJOR DRAINAGE BASIN DIVIDE
- EXIST DRAINAGE FLOW
- (1) EXIST DRAINAGE STRUCTURE

NOTE: DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DRAINAGE MAP (6)
EXISTING CONDITION

SHEET NO. 13

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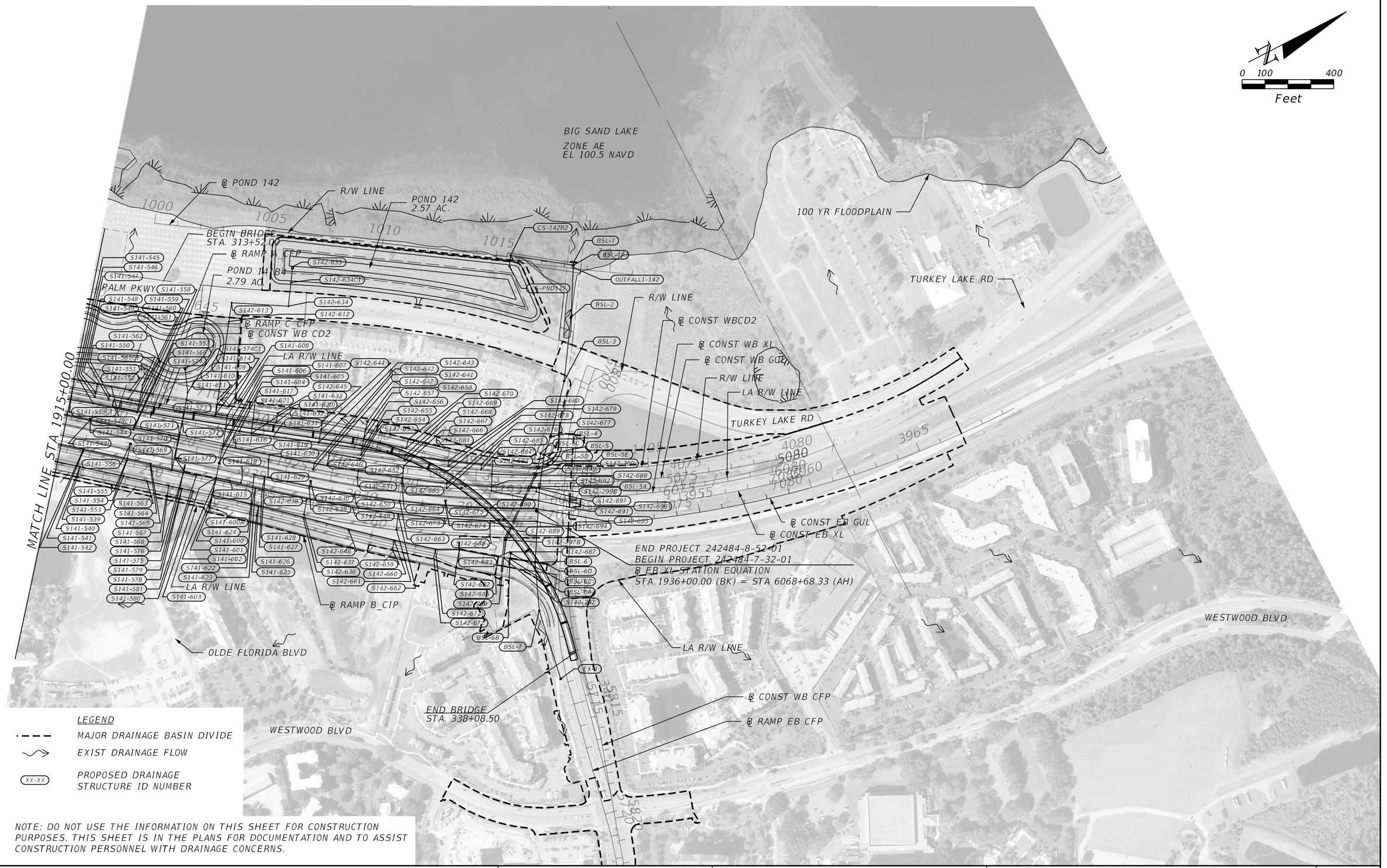

NOTE: DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DRAINAGE MAP (6)
PROPOSED CONDITION

SHEET NO. 14

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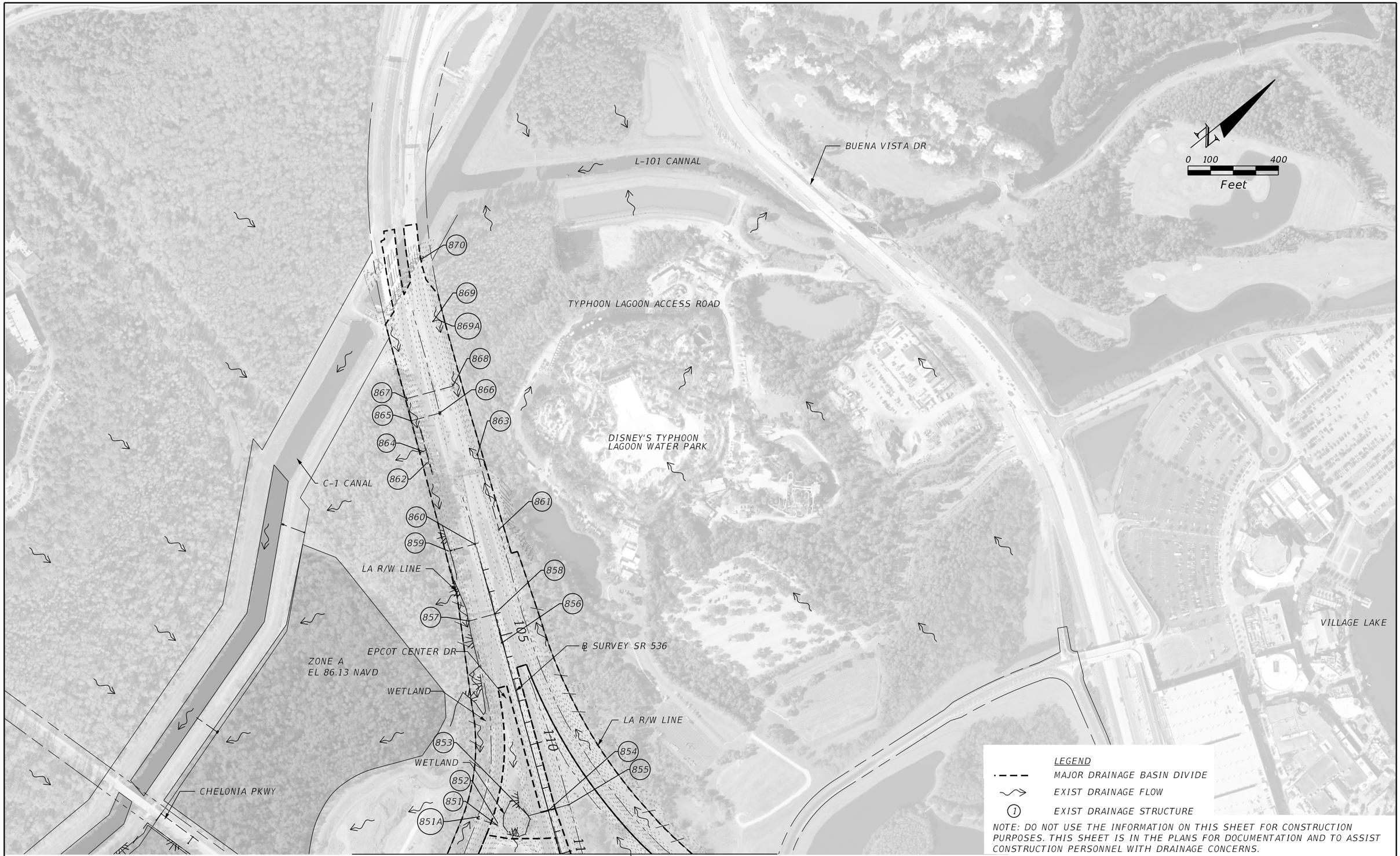

MATCH LINE STA 115+00.00

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DRAINAGE MAP (7)
EXISTING CONDITION

SHEET NO. 15

PRELIMINARY: NOT FOR CONSTRUCTION

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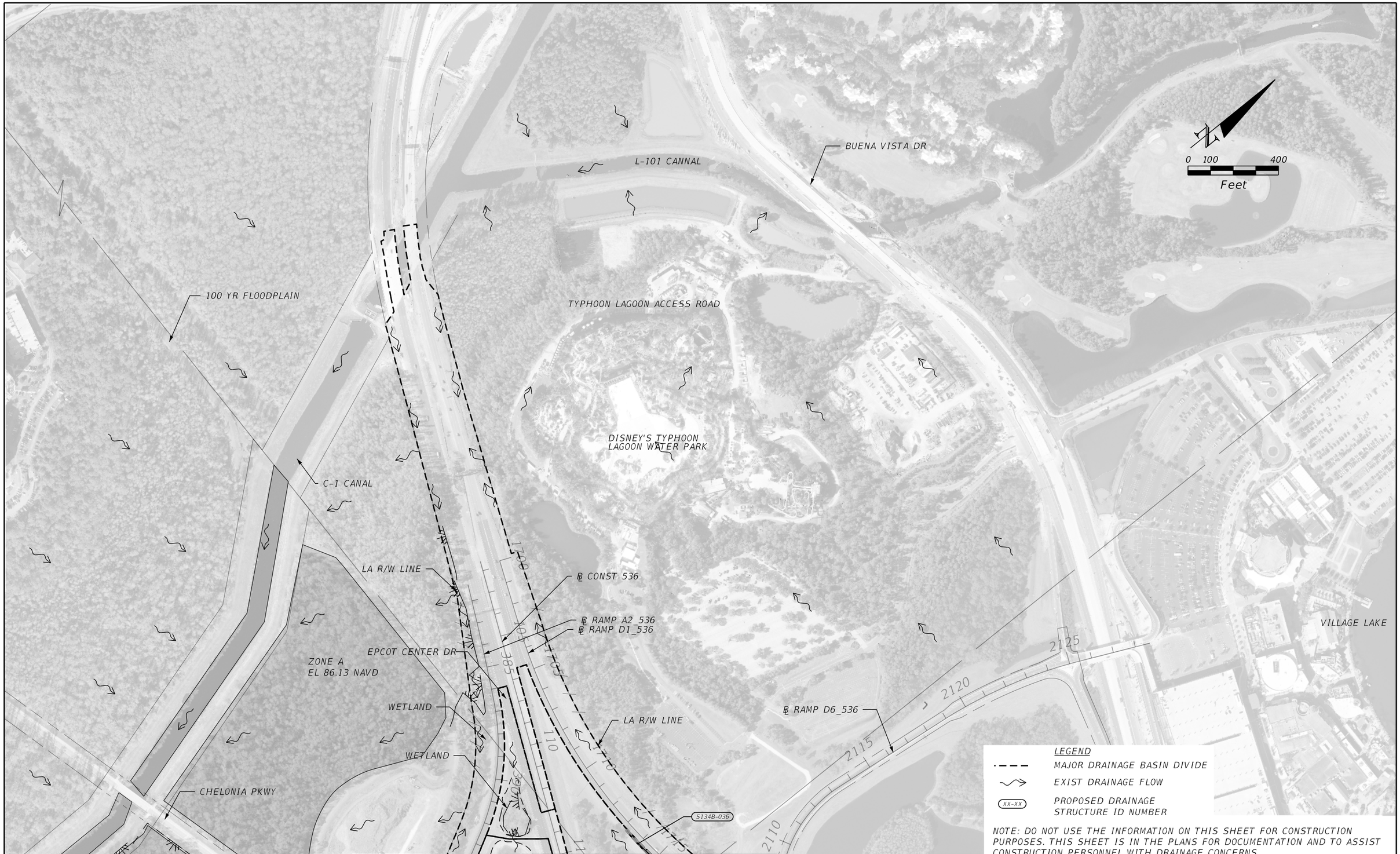

LEGEND

- MAJOR DRAINAGE BASIN DIVIDE
- EXIST DRAINAGE FLOW
- XX-XX PROPOSED DRAINAGE STRUCTURE ID NUMBER

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MATCH LINE STA 115+00.00

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SR 400	ORANGE	242484-8-52-01

DRAINAGE MAP (7)
PROPOSED CONDITION

SHEET NO. 16

PRELIMINARY: NOT FOR CONSTRUCTION

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MATCH LINE STA 154+00.00



LEGEND

- MAJOR DRAINAGE BASIN DIVIDE
- EXIST DRAINAGE FLOW
- (1) EXIST DRAINAGE STRUCTURE

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DRAINAGE MAP (8)
EXISTING CONDITION

SHEET NO. 17

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MATCH LINE STA 154+00.00

SATAY DR

100 YR FLOODPLAIN

100 YR FLOODPLAIN

100 YR FLOODPLAIN

ZONE A

358.93 AC.

MIRABELLA

ORANGE COUNTY
OSCEOLA COUNTY

ARIUM PALMS

S135B-001

WETLAND

℄ RAMP C1_536

ORLANDO WORLD CENTER
MARRIOT RESORT

95.06 AC.

0 100 400
Feet

℄ CONST B1_536

INTERNATIONAL DR

LA R/W LINE

℄ CONST 536

NICKELODEON
SUITES RESORT

LA R/W LINE

CONTINENTAL GATEWAY DR

WORLD GATEWAY DR

100 YR FLOODPLAIN

ZONE A

100 YR FLOODPLAIN

ZONE A

LEGEND

MAJOR DRAINAGE BASIN DIVIDE

EXIST DRAINAGE FLOW

XX-XX PROPOSED DRAINAGE STRUCTURE ID NUMBER

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DRAINAGE MAP (8)
PROPOSED CONDITION

SHEET NO. 18

EASEMENT

ZONE AE
EL 101 NAVD

℄ SURVEY CR 435

EXIST
POND VININGS

R/W LINE

WETLAND
LINE

0.78 AC

5.75 AC

1.11 AC

4.12 AC

72.06 AC.

9.23 AC

0.60 AC

WINTER GARDEN VINELAND RD

100 YR FLOODPLAIN

CYPRESS CREEK

℄ SURVEY CR 535

GRAND CYPRESS BLVD

℄ SURVEY SR 535

LAKE ST

VINING WAY BLVD

0 100 400
Feet

120
115
110
105
100
995
990
985
980
975
1020
1015
1010
1005
1000

LEGEND

- MAJOR DRAINAGE BASIN DIVIDE
- EXIST DRAINAGE FLOW
- (1) EXIST DRAINAGE STRUCTURE

NOTE: DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

MATCH LINE STA 155+00.00

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DRAINAGE MAP (9)
EXISTING CONDITION

SHEET NO. 19

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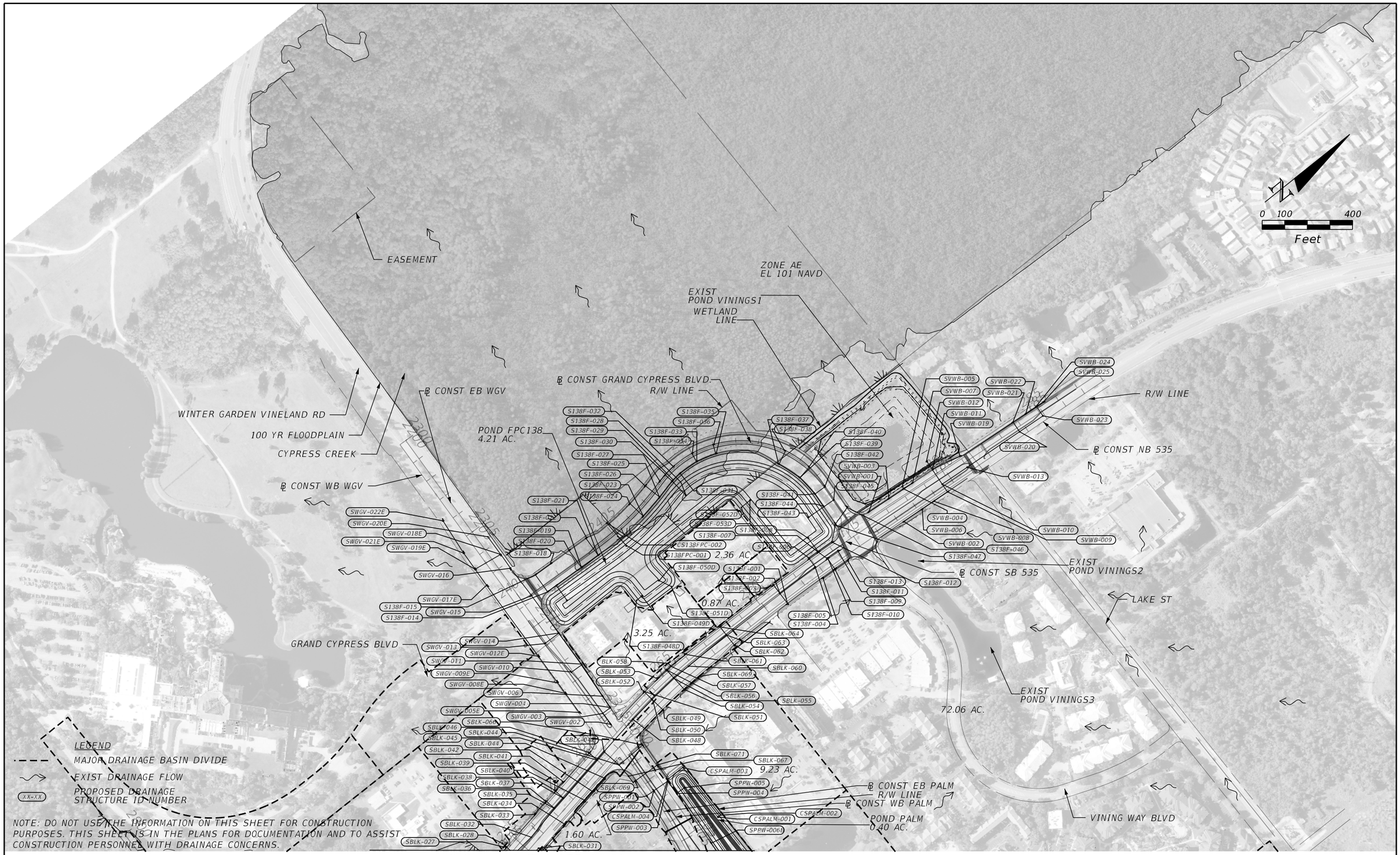

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DRAINAGE MAP (9)
PROPOSED DRAINAGE

SHEET NO. 20

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1. CATCH BASIN
INV 85.11 SW
INV 84.55 NE

2. HEADWALL
INV 81.30 NW (36" CMP)

3. MES
INV 79.91 SE (36" CMP)

4. MES
INV 79.09 NE (24" RCP)

5. CATCH BASIN
INV 78.84 SE (24" RCP)

6. MANHOLE
INV 79.12 NE (48" RCP)
INV 79.07 SW (48" RCP)

7. CATCH BASIN
INV 83.82 NE (30" RCP)
INV 83.81 SW (24" RCP)

8. CATCH BASIN
INV 84.14 SE (18" RCP)

9. CATCH BASIN
INV 75.68 SE (18" RCP)
INV 80.63 NW (18" RCP)

10. ENDPIPE
INV UNKNOWN NW (24" RCP)

11. CATCH BASIN
INV 75.60 SE (18" RCP)

12. ENDPIPE
INV UNKNOWN NW (18" RCP)

13. MANHOLE
INV 79.75 NE (48" RCP)
INV 79.57 SW (48" RCP)

14. CATCH BASIN
INV 82.86 NE (30" RCP)
INV 82.95 SW (30" RCP)

15. ENDPIPE
INV UNKNOWN SE (18" DIP)

16. CATCH BASIN
INV 106.96 SE (18" RCP)
INV 81.11 NW (18" DIP)

17. UNDERDRAIN BOX
INV 108.56 NW (18" RCP)

18. CATCH BASIN
INV 75.53 SE (18" RCP)

19. ENDPIPE
INV UNKNOWN NW (18" RCP)

20. CATCH BASIN
INV 118.69 NE (18" RCP)

21. ENDPIPE
INV UNKNOWN NW (30" DIP)

22. CATCH BASIN
INV 82.05 SW (30" RCP)
INV 79.79 SE (30" RCP)

23. MANHOLE
INV 78.32 NE (30" RCP)
INV 78.33 SW (30" DIP)

24. MANHOLE
INV 75.51 NW (30" DIP)
INV 75.35 SE (30" DIP)

25. ENDPIPE
INV UNKNOWN NW (18" RCP)

26. CATCH BASIN
INV 75.52 SE (18" RCP)

27. CATCH BASIN
INV 84.77 NE (18" RCP)
INV 81.15 SE (30" RCP)

28. MANHOLE
INV 79.42

29. MANHOLE
INV 75.98 NW (30" DIP)
INV 75.92 SE (30" DIP)

30. ENDPIPE
INV UNKNOWN NW (30" DIP)

31. MANHOLE
INV 80.28 NE (48" RCP)
INV 80.13 SW (48" RCP)

32. MANHOLE
INV 109.58 NE (18" RCP)
INV 109.67 SW (18" RCP)

33. CATCH BASIN
INV 87.36 NE (18" RCP)
INV 87.31 SW (18" RCP)

34. ENDPIPE
INV UNKNOWN NW (48" RCP)

35. ENDPIPE
INV UNKNOWN SE (48" RCP)

36. ENDPIPE
INV UNKNOWN NW (18" RCP)

37. CATCH BASIN
INV 87.29 NE (18" RCP)
INV 87.18 SW (18" RCP)

38. CATCH BASIN
INV 104.28 NE (18" RCP)
INV 104.44 SW (18" RCP)

39. ENDPIPE
INV UNKNOWN NE (48" RCP)

40. UNKNOWN
INV UNKNOWN (30" DIP)
INV UNKNOWN (30" DIP)

41. MANHOLE
INV 81.71 NE (24" RCP)
INV 77.99 SE (30" DIP)

42. MANHOLE
INV 80.00 SE (48" RCP)
INV 80.13 SW (48" RCP)

43. CATCH BASIN
INV 90.58 NE (18" RCP)
INV 90.57 SW (18" RCP)

44. CATCH BASIN
INV 81.94 NE (24" RCP)
INV 81.91 SW (24" RCP)

45. CATCH BASIN
INV 96.46 NE (18" RCP)
INV 96.08 SW (18" RCP)

46. CATCH BASIN
INV 90.70 NE (18" RCP)
INV 97.76 SW (18" RCP)
INV 86.12 NW (24" RCP)

47. CATCH BASIN
INV 85.38 NW (48" RCP)

48. MANHOLE
INV 83.84 SE (24" RCP)
INV 77.47 SW (48" RCP)

49. CONCRETE DRAIN

50. CATCH BASIN
INV 94.72 NE (18" RCP)
INV 94.42 SW (18" RCP)

51. CATCH BASIN
INV 82.19 NE (24" RCP)
INV 82.05 SW (24" RCP)

52. CATCH BASIN
INV 106.04 SW (18" RCP)

53. ENDPIPE
INV UNKNOWN NW (24" RCP)

54. CATCH BASIN
INV 91.16 SW (18" RCP)

55. MES
INV 84.04 SE (18" RCP)

56. CONCRETE DRAIN

57. MES
INV 83.44 NW (18" RCP)

58. CATCH BASIN
INV 98.19 NE (18" RCP)
INV 98.22 SW (18" RCP)

59. CATCH BASIN
INV UNKNOWN

60. ENDWALL
INV 83.20 (SIZE UNKNOWN)
INV 83.12 (SIZE UNKNOWN)

61. CATCH BASIN
INV 82.44 NE (24" RCP)
INV 82.44 SW (24" RCP)

62. CATCH BASIN
INV 85.75 NE (18" RCP)

63. CATCH BASIN
INV 101.50 NE (18" RCP)
INV 101.41 SW (18" RCP)

64. CATCH BASIN
INV 82.68 NE (24" RCP)
INV 82.73 SW (24" RCP)

65. CATCH BASIN
INV 104.93 SW (18" RCP)

66. ENDPIPE
INV 77.96 NW (32" PLASTIC)

67. CATCH BASIN
INV 81.16 SE (32" PLASTIC)

68. CATCH BASIN
INV 83.66 NE (18" RCP)
INV 83.83 SW (18" RCP)

69. CATCH BASIN
INV 83.60 SW (24" RCP)

70. CATCH BASIN
INV UNKNOWN

71. CATCH BASIN
INV UNKNOWN

72. MES
INV 83.97 SE (18" RCP)
INV 83.91 SE (18" RCP)

73. MES
INV 83.91 NE (18" RCP)
INV 84.01 NE (18" RCP)

74. CATCH BASIN
INV UNKNOWN

75. CATCH BASIN
INV UNKNOWN

76. CATCH BASIN
INV 83.15 NE (18" RCP)
INV 83.24 SW (18" RCP)

77. ENDWALL
INV UNKNWON

78. UNKNOWN
INV UNKNWON

79. MANHOLE
INV UNKNOWN

80. MANHOLE
INV UNKNOWN

81. CATCH BASIN
INV UNKNOWN

82. CATCH BASIN
INV 82.68 NE (24" RCP)
INV 82.82 SW (18" RCP)

83. ENDPIPE
INV 84.12 SW (24" RCP)

84. CATCH BASIN
INV UNKNOWN

85. CATCH BASIN
INV UNKNOWN

86. ENDPIPE
INV 82.83 NW (18" RCP)

87. CATCH BASIN
INV UNKNOWN

88. CATCH BASIN
INV 83.07 SE (18" RCP)

89. ENDPIPE
INV 82.82 NW (18" RCP)

90. MES
INV 80.16 E (36" RCP)

91. CATCH BASIN
INV 79.80 W (36" RCP)

92. MES
INV 84.58 NW (18" RCP)

93. MES
INV 84.35 SE (18" RCP)

94. CATCH BASIN
INV 91.33 NW (18" RCP)

95. CATCH BASIN
INV 90.41 SE (18" RCP)

96. CATCH BASIN
INV 82.97 SE (18" RCP)

97. ENDPIPE
INV 82.85 NW (18" RCP)

98. CATCH BASIN
INV 82.50 E (24" CMP)

99. CATCH BASIN
INV 82.48 E (24" CMP)

100. ENDPIPE
INV 82.28 NW (24" CMP)

101. ENDPIPE
INV 82.34 NW (24" CMP)

102. CATCH BASIN
INV UNKNOWN

103. ENDPIPE
INV 82.84 NW (18" RCP)

104. CATCH BASIN
INV 83.01 SW (18" RCP)

105. CATCH BASIN
INV UNKNOWN NW (24" RCP)
INV UNKNOWN SW (SIZE UNKNOWN)

106. ENDPIPE
INV 84.88 SE (24" RCP)

107. ENDWALL
INV 82.28 SE (18" RCP)
INV 82.46 SE (18" RCP)

108. CATCH BASIN (CS)
INV 81.84 NW (18" RCP)
INV 81.84 NW (18" RCP)
SKIMMER

109. MES
INV 82.75 NW (24" CMP)

110. MES
INV 82.90 SE (24" CMP)

111. MES
INV 82.75 NW (24" CMP)

112. MES
INV 82.88 SE (24" CMP)

113. CATCH BASIN
INV 88.80 SE (18" RCP)

114. CATCH BASIN
INV 90.66 NW (18" RCP)

115. ENDPIPE
INV 82.84 NW (18" RCP)

116. CATCH BASIN
INV 83.08 SE (18" RCP)

117. ENDPIPE
INV 84.60 SE (24" RCP)

118. CATCH BASIN
INV UNKNOWN NW (24" RCP)

119. CATCH BASIN
INV UNKNOWN

120. ENDPIPE
INV 80.97 SW (42" RCP)

121. CATCH BASIN
INV UNKNOWN NE (42" RCP)

122. MES
INV 82.74 NW (24" CMP)

123. MES
INV 82.67 SE (24" CMP)

124. MES
INV 82.77 NW (24" CMP)

125. MES
INV 82.76 SE (24" CMP)

126. MES
INV 82.77 SE (24" CMP)

127. MES
INV 82.66 NE (24" CMP)

128. CATCH BASIN
INV 83.68 SE (24" RCP)

129. MES
INV 86.96 NW (18" RCP)

130. CATCH BASIN
INV 84.54 NW (24" RCP)
INV 84.84 SE (18" RCP)

131. MES
INV 83.16 SE (24" CMP)

132. MES
INV 83.12 SE (24" CMP)

133. MES
INV 83.09 SE (24" CMP)

134. MES
INV 83.01 NW (24" CMP)

135. MES
INV 83.03 NW (24" CMP)

136. MES
INV 83.29 NW (24" CMP)

137. MES
INV 83.29 NW (24" CMP)

138. MES
INV 83.73 SE (24" CMP)

139. MES
INV 83.74 SE (24" CMP)

140. MES
INV 84.06 SE (24" CMP)

141. MES
INV 83.46 NW (24" CMP)

142. MES
INV 83.21 NW (24" CMP)

143. MES
INV 83.53 NW (24" CMP)

144. MES
INV 83.59 NW (24" CMP)

145. MES
INV 84.24 SE (18" RCP)

146. MES
INV 84.11 NW (18" RCP)

147. MES
INV 83.69 NW (42" RCP)
INV 83.72 NW (42" RCP)

148. MES
INV 83.05 SE (42" RCP)
INV 83.20 SE (42" RCP)

149. MES
INV 81.30 SE (48" RCP)
INV 82.67 SE (48" RCP)

150. MES
INV 81.32 NW (48" RCP)
INV 81.42 NW (48" RCP)

151. MES
INV 83.41 NW (36" RCP)
INV 83.39 NW (36" RCP)

152. CATCH BASIN
INV 82.23 NW (36" RCP)
INV 82.29 SE (36" RCP)

153. MES
INV 82.30 SW (36" RCP)
INV 82.13 SW (36" RCP)

154. ENDWALL
INV 83.84 NE (42" CMP)

155. MES
INV 85.65 NE (36" RCP)

156. ENDWALL
INV 83.86 W (36" RCP)

157. MES
INV 85.79 W (36" RCP)

158. CATCH BASIN
INV 105.60 NE (15" CMP)

159. MES
INV 88.22 SW (15" CMP)

160. CATCH BASIN
INV 104.05 NE (15" CMP)

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
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Certificate of Authorization No. 8115
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EXISTING DRAINAGE STRUCTURES (1)

SHEET NO. 21

glen.dvorovy 2/24/2021 8:03:58 PM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRMPRD01_EXIST.dgn

161 MES
INV 87.65 SW (15" CMP)

162 MES
INV 85.79 W (15" RCP)

163 MES
INV 90.50 W (15" RCP)

164 MES
INV 90.22 NW (12" CIP)

165 ENDPIPE
INV 88.85 NW (12" PVC)

166 ENDPIPE
INV 86.06 SE (12" PVC)

167 CONCRETE DRAIN

168 CATCH BASIN
INV 102.02 N (15" CMP)

169 ENDPIPE
INV 89.35 S (15" CMP)

170 FES
INV 84.47 NE (36" RCP)

171 FES
INV 84.39 SW (36" RCP)

172 MES
INV 86.92 NW (18" RCP)

173 MES
INV 86.22 SW (18" RCP)

174 ENDPIPE
INV 87.81 SW (12" DIP)

175 ENDPIPE
INV 87.25 NW (12" DIP)

176 ENDPIPE
INV 90.03 SE (15" CMP)

177 CATCH BASIN
INV 106.95 NW (15" CMP)

178 ENDPIPE
INV 90.79 SE (15" CMP)

179 CATCH BASIN
INV 111.74 NW (15" CMP)

180 CONCRETE DRAIN

181 ENDPIPE
INV 92.59 NE (12" PVC)

182 ENDPIPE
INV 91.80 W (12" PVC)

183 CATCH BASIN
INV UNKNOWN

184 FES
INV 85.35 NE (36" RCP)

185 CATCH BASIN
INV 84.96 NE (30" RCP)

186 CATCH BASIN
INV 117.00 NW (15" CMP)

187 ENDPIPE
INV 90.00 SE (15" CMP)

188 FES
INV 85.80 SW (36" RCP)

189 ENDPIPE
INV 89.94 NW (12" DIP)

189A ENDPIPE
INV 90.66 SE (12" DIP)

190 CATCH BASIN
INV 84.80 SW (30" RCP)

191 ENDPIPE
INV 90.65 NW (12" PVC)

191A ENDPIPE
INV 87.63 SE (12" PVC)

192 UNKNOWN
INV 85.95 SE (18" RCP)

193 FES
INV 87.99 NW (18" RCP)

194 UNKNOWN
INV 86.36 E (30" RCP)

195 FES
INV 86.50 W (30" RCP)

196 MES
INV 95.23 E (19 x 36" RCP)
INV 95.27 E (19 x 36" RCP)

197 MES
INV 95.36 W (19 x 36" RCP)
INV 95.39 W (19 x 36" RCP)

198 CATCH BASIN
INV 113.01 NW (15" CMP)

199 UNKNOWN
INV 90.85 E (15" CMP)

200 ENDPIPE
INV 91.45 SE (12" DIP)

200A ENDPIPE
INV 91.19 NW (12" DIP)

201 ENDWALL
INV UNKNOWN NE (3'x9' B. CULVERT)
INV UNKNOWN NE (3'x9' B. CULVERT)

202 ENDWALL
INV UNKNOWN SW (3'x9' B. CULVERT)
INV UNKNOWN SW (3'x9' B. CULVERT)

203 UNKNOWN
INV 92.83 NW (15" RCP)

204 CATCH BASIN
INV 93.28 SW (15" RCP)

205 UNKNOWN
INV 94.10 E (15" CMP)

206 CATCH BASIN
INV 99.58 W (15" CMP)

207 CATCH BASIN
INV 89.96 NW (18" RCP)

208 UNKNOWN
INV 88.29 SE (18" RCP)

209 CATCH BASIN
INV 89.38 NW (18" RCP)
INV 89.39 SE (18" RCP)

210 MES
INV UNKNOWN

211 MES
INV UNKNOWN

212 SKIMMER

213 MANHOLE
INV UNKNOWN

214 ENDWALL
INV 92.19 SW (3'x6' BOX CULVERT)

215 CATCH BASIN
INV UNKNOWN N (3'X6' B. CULVERT)
INV UNKNOWN S (3'x6' B. CULVERT)

216 ENDWALL
INV 92.01 N (3'x6' BOX CULVERT)

217 UNKNOWN
INV 90.58 NE (24" RCP)

218 CATCH BASIN
INV 90.90 NE (24" RCP)
INV 90.86 SW (24" RCP)

219 FES
INV 91.02 SW (24" RCP)

220 FES
INV 91.21 NW (24" RCP)

221 FES
INV 91.41 SW (24" RCP)

222 CATCH BASIN
INV 91.97 N (15" RCP)

223 UNKNOWN
INV 91.62 S (15" RCP)

224 CATCH BASIN
INV 104.11 NE (15" CMP)

225 UNKNOWN
INV 90.72 SW (15" CMP)

226 CATCH BASIN
INV UNKNOWN

227 CATCH BASIN
INV 110.47 SW (15" CMP)

228 CATCH BASIN
INV 110.47 SW (15" CMP)

229 CONCRETE DRAIN

230 FES
INV 89.33 NE (15" CMP)

231 CATCH BASIN
INV 108.91 SW (15" CMP)

232 CATCH BASIN
INV 107.57 NE (15" CMP)

233 FES
INV 91.11 SW (15" CMP)

234 CONCRETE DRAIN

235 FES
INV 90.83 NE (15" CMP)

236 CATCH BASIN
INV 103.63 SW (15" CMP)

237 CATCH BASIN
INV 93.13 NE (18" RCP)

238 UNKNOWN
INV 92.42 SW (18" RCP)

239 UNKNOWN
INV 90.98 N (15" CMP)

240 UNKNOWN
INV 91.20 S (15" CMP)

241 CATCH BASIN
INV 93.91 NE (15" RCP)

242 UNKNOWN
INV 93.58 NE (15" RCP)

243 FES
INV 92.45 NE (15" RCP)

244 CATCH BASIN
INV 92.76 SW (15" RCP)

245 MANHOLE
INV UNKNOWN

246 CATCH BASIN
INV 98.93 NW (15" RCP)

247 MES
INV 98.59 SE (15" RCP)

248 UNKNOWN
INV 96.60 E (30" RCP)

249 MES
INV 95.15 E (SIZE UNKNOWN)

250 MANHOLE
INV 95.26 W (30" RCP)

251 ENDWALL
INV 96.02 NW (30" RCP)
INV 96.05 NW (30" RCP)

252 UNKNOWN
INV 94.36 SE (30" RCP)
INV 94.28 SE (30" RCP)

253 CATCH BASIN
INV 95.38 NW (30" RCP)
INV 95.52 SE (30" RCP)

254 CATCH BASIN
GRATE ELEV 106.92
INV 103.63 E (15" RCP)

255 CATCH BASIN
GRATE ELEV 106.71
INV 103.30 E (15" RCP)

255A CATCH BASIN
GRATE ELEV 104.25
INV 101.36 N (15" RCP)
INV 101.41 W (15" RCP)

256 END TREATMENT
INV UNKNOWN

256A CATCH BASIN
INV UNKNOWN

257 CATCH BASIN
GRATE ELEV 106.12
BOT 102.42 (FULL OF WATER)

258 CATCH BASIN
GRATE ELEV 107.64
INV 104.90 E (24" CMP)

259 OVERFLOW STRUCTURE
INV 107.06 W (24" CMP)
WEIR ELEV 110.04
WEIR ELEV 110.08/110.10 E
WEIR ELEV 110.07 N
WEIR ELEV 110.06 S
BOT ELEV 104.72

260 MES
INV 111.14 E (19" X 30" ERCP)

261 OVERFLOW STR.
GRATE ELEV 113.79
INV 111.79 SW (19" X 30" ERCP)

262 CATCH BASIN
GRATE ELEV 113.59
INV 107.16 NW (16" CMP)
INV 107.28 SE (16" CMP)

263 CATCH BASIN
GRATE ELEV 114.16
INV 107.60 SE (16" CMP)

264 CATCH BASIN
GRATE ELEV 113.55
INV 112.70 (4" PVC)

265 CATCH BASIN
INV UNKNOWN

266 CATCH BASIN
GRATE ELEV 111.70
INV 109.22 W (18" RCP)

267 MANHOLE
INV UNKNOWN

268 END WALL
INV 109.11 (18" RCP)

269 CATCH BASIN
GRATE ELEV 114.98
INV 111.83 NE (14" X 23" ERCP)

270 CATCH BASIN
GRATE ELEV 114.91
INV 111.29 SW (14" X 23" ERCP)
INV 109.49 NE (10" PVC)

271 MES
INV 110.94 SW (10" PVC)

272 CATCH BASIN
GRATE ELEV 111.38
INV 106.87 NW (18" RCP)

272A CATCH BASIN
GRATE ELEV 111.79
INV 106.62 SE (24" RCP)
INV 106.48 NW (15" RCP)

273 MANHOLE
RIM ELEV 111.63
INV 106.34 NW (24" RCP)
INV 107.42 NE (24" RCP)
INV 106.51 SE (18" RCP)

273A CATCH BASIN
GRATE ELEV 110.70
INV 107.37 NE (15" RCP)
INV 106.48 SE (15" RCP)

274 CONCRETE SPILLWAY
ELEV 112.98

275 CONCRETE SPILLWAY
ELEV UNKNOWN

276 CATCH BASIN
GRATE ELEV 112.27
INV 106.33 NW (18" RCP)

276A MANHOLE
RIM ELEV 111.66
INV 106.04 NW (24" RCP)
INV 106.05 SE (24" RCP)

277 MANHOLE
RIM ELEV 111.87
INV UNKNOWN

278 CATCH BASIN
GRATE ELEV 115.95
INV 110.68 W (19" X 30" ERCP)
INV 110.88 N (19" X 30" ERCP)
INV 110.80 E (18" RCP)
INV 110.78 S (14" X 23" ERCP)

279 ENDWALL
INV 109.56 SE (19" X 30" ERCP)
INV 113.77 SE (4" PVC)

280 CATCH BASIN
GRATE ELEV 112.77
INV 116.30 NW (18" RCP)

281 MANHOLE
RIM ELEV 112.79
INV 106.28 NE (18" RCP)
INV 106.45 SE (18" RCP)
INV 106.22 SW (18" RCP)

282 EW/MES
INV 105.13 (18" CMP)

283 CATCH BASIN
GRATE ELEV 112.27
V-SLOT ELEV 111.91
INV 106.72 E (18" CMP)

284 CATCH BASIN
GRATE ELEV 112.84
INV 104.25 NW (18" RCP)

285 MANHOLE
RIM ELEV 113.59
INV UNKNOWN

286 EW/MES
INV 111.49 (18" RCP)

287 CATCH BASIN
GRATE ELEV 119.10
V-SLOT ELEV 118.76
INV 114.71 NW (18" RCP)

288 CATCH BASIN
GRATE ELEV 120.55
V-SLOT ELEV 120.21
INV 114.90 SE (18" CMP)

288A ENDWALL/MES
INV 105.02 (18" CMP)

289 MANHOLE
INV UNKNOWN

290 SPILLWAY (MES)
INV 104.52 NW (18" RCP)

291 CATCH BASIN
GRATE ELEV 127.96
V-SLOT ELEV 127.92
INV 121.82 NW (18" RCP)
INV 121.72 SE (18" RCP)

292 CATCH BASIN
GRATE ELEV 126.32
INV 123.15 NW (18" RCP)
INV 122.88 SE (18" RCP)

293 CATCH BASIN
GRATE ELEV 128.88
V-SLOT ELEV 128.53
INV 125.01 SE (18" RCP)

294 MANHOLE
INV UNKNOWN

295 CATCH BASIN
GRATE ELEV 114.46
INV 111.23 NE (15" CPP)
INV 111.17 NW (15" CPP)
INV 111.13 W (15" CPP)

296 CURB INLET
RIM ELEV 114.90
INV 111.68 S (15" RCP)

297 CATCH BASIN
GRATE ELEV 131.36
V-SLOT ELEV 130.97
INV 125.46 NW (18" RCP)
INV 126.04 SE (18" CMP)

297A MES
INV 104.52 (18" CMP)

298 CATCH BASIN
GRATE ELEV 132.15
V-SLOT ELEV 131.80
INV 127.51 SE (SIZE UNKNOWN)

299 MANHOLE
INV UNKNOWN

300 MANHOLE
INV UNKNOWN

301 CURB INLET
RIM ELEV 113.64
INV 105.25 E (30" RCP)
INV 105.23 S (30" RCP)

302 CURB INLET
INV UNKNOWN

303 CATCH BASIN
GRATE ELEV 114.33
INV 110.71 NW (15" CPP)
INV 110.90 S (15" CPP)

304 ASPHALT FLUME
ELEV UNKNOWN

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
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Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EXISTING DRAINAGE STRUCTURES (2)

SHEET NO. 22

(305) MANHOLE
RIM ELEV 115.37
INV 107.61 N (30" RCP)
INV 109.83 E (30" RCP)
INV 109.42 S (30" RCP)
INV 110.38 W (18" RCP)

(306) CURB INLET
RIM ELEV 113.58
INV 104.42 NW (18" RCP)

(307) MANHOLE
INV UNKNOWN

(308) SANITARY

(309) SANITARY

(310) CATCH BASIN
INV UNKNOWN

(311) CURB INLET
INV UNKNOWN

(312) CURB INLET
INV UNKNOWN

(313) CATCH BASIN
INV UNKNOWN

(314) MANHOLE
RIM ELEV 111.79
FULL OF WATER

(315) MANHOLE
RIM ELEV 111.29
INV 102.65 SW (30" RCP)
INV 102.14 NW (30" RCP)
INV 102.30 NE (30" RCP)

(316) MES
INV 106.43 SE (24" X 30" ERCP)

(317) SPILLWAY (MES)
INV 106.47 NW (18" CMP)

(318) END TREATMENT
INV 105.06 NW (24" X 30" ERCP)

(319) CATCH BASIN
GRATE ELEV 130.34
V-SLOT ELEV 130.00
INV 124.30 SE (18" CMP)

(320) END TREATMENT
INV 105.54 NW (18" RCP)

(321) CATCH BASIN
GRATE ELEV 110.63
INV 107.33 NW (18" CMP)
INV 107.06 SE (18" RCP)

(322) CATCH BASIN
INV 119.07 SE (18" CMP)

(323) END TREATMENT
INV 106.81 (15" RCP)

(324) CATCH BASIN
INV UNKNOWN

(325) END TREATMENT
INV 105.41 (15" RCP)

(326) CATCH BASIN
GRATE ELEV 109.83
INV 102.00 NW (36" CMP)
INV 102.13 NE (36" CMP)
INV 102.11 SE (36" CMP)
INV 102.07 SW (36" CMP)

(327) CATCH BASIN
GRATE ELEV 110.66
INV 101.96 NW (36" CMP)
INV 101.99 SW (36" CMP)

(328) CATCH BASIN
GRATE ELEV 110.66
INV 103.09 NW (24" CMP)
INV 101.92 NE (36" CMP)
INV 110.63 SW (8" PVC END
OF PIPE ON GRATE)

(329) END TREATMENT
INV 106.07 NW (18" RCP)

(330) CATCH BASIN
GRATE ELEV 118.03
V-SLOT ELEV 117.68
INV 106.61 NW (18" RCP)
INV 106.63 SE (18" RCP)

(309) SANITARY

(310) CATCH BASIN
INV UNKNOWN

(311) CURB INLET
INV UNKNOWN

(312) CURB INLET
INV UNKNOWN

(313) CATCH BASIN
INV UNKNOWN

(314) MANHOLE
RIM ELEV 111.79
FULL OF WATER

(315) MANHOLE
RIM ELEV 111.29
INV 102.65 SW (30" RCP)
INV 102.14 NW (30" RCP)
INV 102.30 NE (30" RCP)

(316) MES
INV 106.43 SE (24" X 30" ERCP)

(317) SPILLWAY (MES)
INV 106.47 NW (18" CMP)

(318) END TREATMENT
INV 105.06 NW (24" X 30" ERCP)

(319) CATCH BASIN
GRATE ELEV 130.34
V-SLOT ELEV 130.00
INV 124.30 SE (18" CMP)

(320) END TREATMENT
INV 105.54 NW (18" RCP)

(321) CATCH BASIN
GRATE ELEV 110.63
INV 107.33 NW (18" CMP)
INV 107.06 SE (18" RCP)

(322) CATCH BASIN
INV 119.07 SE (18" CMP)

(323) END TREATMENT
INV 106.81 (15" RCP)

(324) CATCH BASIN
INV UNKNOWN

(325) END TREATMENT
INV 105.41 (15" RCP)

(326) CATCH BASIN
GRATE ELEV 109.83
INV 102.00 NW (36" CMP)
INV 102.13 NE (36" CMP)
INV 102.11 SE (36" CMP)
INV 102.07 SW (36" CMP)

(327) CATCH BASIN
GRATE ELEV 110.66
INV 101.96 NW (36" CMP)
INV 101.99 SW (36" CMP)

(328) CATCH BASIN
GRATE ELEV 110.66
INV 103.09 NW (24" CMP)
INV 101.92 NE (36" CMP)
INV 110.63 SW (8" PVC END
OF PIPE ON GRATE)

(329) END TREATMENT
INV 106.07 NW (18" RCP)

(330) CATCH BASIN
GRATE ELEV 118.03
V-SLOT ELEV 117.68
INV 106.61 NW (18" RCP)
INV 106.63 SE (18" RCP)

(331) CATCH BASIN
GRATE ELEV 116.04
INV 106.94 NW (18" RCP)
INV 106.88 SE (18" RCP)

(332) CATCH BASIN
GRATE ELEV 118.80
V-SLOT ELEV 118.47
INV 107.73 NE (18" RCP)
INV 107.53 SE (18" RCP)

(333) MANHOLE
RIM ELEV 110.57
INV 102.11 SE (24" CMP)

(334) CATCH BASIN
GRATE ELEV 106.78
INV 105.48 NW (4" PVC)
INV 101.96 NE (36" CMP)
INV 101.99 SE (36" CMP)

(335) MANHOLE
RIM EL 112.36
INV UNKNOWN

(336) MANHOLE
INV UNKNOWN

(337) CATCH BASIN
INV UNKNOWN

(338) MANHOLE
INV UNKNOWN

(339) CURB INLET
TOP ELEV 112.83
GRATE ELEV 112.15
INV 108.21 S (18" RCP)

(340) CATCH BASIN
INV UNKNOWN

(341) CATCH BASIN
INV UNKNOWN

(342) CURB INLET
TOP ELEV 112.57
GRATE ELEV 111.90
INV 107.00 E (15" RCP)

(343) CONC. DRAIN
ELEV UNKNOWN

(344) CURB INLET
TOP ELEV 113.78
GRATE ELEV 113.09
INV 109.26 E (18" RCP)
INV 108.66 W (18" RCP)

(345) CATCH BASIN
INV UNKNOWN

(346) CATCH BASIN
INV UNKNOWN

(347) CURB INLET
TOP ELEV 113.89
GRATE ELEV 113.44
INV 107.65 N (24" RCP)
INV 108.26 E (18" RCP)
INV 107.56 S (24" RCP)

(348) CURB INLET
RIM ELEV 115.08
GRATE ELEV 114.45
BOTTOM ELEV 105.37
PIPE O/S ONTO BOX WALL

(349) MANHOLE
RIM ELEV 115.52
BOTTOM ELEV 105.70
INV 109.70 S (24" RCP)

(350) MANHOLE
INV UNKNOWN

(351) CATCH BASIN
INV UNKNOWN

(352) CURB INLET
TOP ELEV 115.09
GRATE ELEV 114.52
INV 107.94 N (24" RCP)
INV 107.73 E (18" RCP)
INV 107.95 S (24" RCP)

(353) CURB INLET
RIM ELEV 115.96
GRATE ELEV 115.32
BOTTOM ELEV 106.38
PIPE O/S INTO BOX WALL

(354) MANHOLE
INV UNKNOWN

(355) MANHOLE
RIM ELEV 116.19
INV 110.61 S (24" RCP)
BOTTOM ELEV 106.31

(356) CURB INLET
TOP ELEV 115.73
GRATE ELEV 115.09
INV 108.46 N (24" RCP)
INV 108.82 E (18" RCP)
INV 108.48 S (24" RCP)

(357) MANHOLE
INV UNKNOWN

(358) CURB INLET
TOP ELEV 116.31
INV 111.93 W (18" PVC)

(359) MANHOLE
INV UNKNOWN

(360) CURB INLET
TOP ELEV 116.18
GRATE ELEV 115.58
INV 110.85 N (24" RCP)
INV 111.50 E (18" PVC)
INV 110.90 S (24" RCP)

(361) CURB INLET
RIM ELEV 114.56
INV 111.06 N (18" RCP)

(362) CATCH BASIN
GRATE ELEV 116.55
INV 108.38 E (18" RCP)
INV 108.90 S (18" RCP)

(363) CATCH BASIN
GRATE ELEV 114.98
INV 108.07 W (18" RCP)

(363A) ENDWALL
INV UNKNOWN

(364) CURB INLET
RIM ELEV 114.90
INV 108.92 N (18" RCP)
INV 108.93 S (18" RCP)

(365) CATCH BASIN
GRATE ELEV 112.27
INV 108.48 N (18" RCP)
INV 108.13 S (18" RCP)

(365A) END TREATMENT
INV 103.34 (18" RCP)

(366) CATCH BASIN
GRATE ELEV 111.87
BOTTOM ELEV 105.39

(367) CURB INLET
RIM ELEV 109.57
INV 104.20 N (18" RCP)
(INV BLOCKED AROUND 5.4'
FROM MH)

(368) CURB INLET
RIM ELEV 110.12
BOTTOM ELEV 107.45
(FULL OF WATER)

(368A) CURB INLET
RIM ELEV 108.25
INV 103.58 N (18" RCP)

(369) CURB INLET
RIM ELEV 109.69
INV 106.66 NW (18" RCP)

(369A) CATCH BASIN
GRATE ELEV 108.68
BOT ELEV 104.37

(370) CATCH BASIN
INV UNKNOWN

(371) CURB INLET
RIM ELEV 108.20
INV 104.07 NW (18" RCP)
INV 104.12 SE (18" RCP)

(372) CURB INLET
RIM ELEV 107.67
INV 103.01 NW (UNKNOWN)
INV 103.20 E (UNKNOWN)
INV 103.20 SE (18" RCP)

(372A) CATCH BASIN
GRATE ELEV 108.12
INV 103.88 NW (UNKNOWN)

(373) MANHOLE
RIM ELEV 108.17
INV 103.33 E (UNKNOWN)

(374) CURB INLET
RIM ELEV 107.49
INV 102.60 N (UNKNOWN)
INV 102.44 S (UNKNOWN)

(375) CATCH BASIN
GRATE ELEV 107.33
INV 103.22 W (UNKNOWN)

(376) CURB INLET
RIM ELEV 107.30
INV 102.28 S (UNKNOWN)

(377) MES
INV 103.92 NW (24" CMP)

(378) MES
INV 103.64 SE (24" CMP)

(379) CATCH BASIN
GRATE ELEV 105.03
INV 101.79 NW (24" RCP)
INV 102.22 E (18" RCP)
INV 102.88 SE (18" RCP)

(380) CATCH BASIN
GRATE ELEV 109.43
INV 101.93 SE (36" CMP)

(381) CURB INLET
RIM ELEV 107.08
INV 101.13 NW (24" RCP)
INV 101.31 SE (24" RCP)

(382) MANHOLE
RIM ELEV 106.77
INV 97.73 N (30" RCP)
INV 102.70 E (10 STUB, NO PIPE)
INV 97.76 S (24" RCP)

(383) CATCH BASIN
GRATE ELEV 107.96
INV 106.11 S (4" PVC)
INV 102.29 N (36" CMP)
INV 106.03 E (4" PVC)
INV 102.27 E (36" CMP)

(383A) END TREATMENT
INV 96.57 S (24" RCP)

(384) CATCH BASIN
GRATE ELEV 106.73
INV 102.42 W (36" CMP)
INV 102.24 E (36" CMP)

(385) CATCH BASIN
GRATE ELEV 104.61
INV 101.40 NW (24" RCP)

(386) CATCH BASIN
GRATE ELEV 108.38
INV 105.99 NW (18" RCP)
INV 105.97 SE (24" RCP)

(387) MES
101.34 NE (36" RCP)

(388) CATCH BASIN
GRATE ELEV 105.69
INV 100.70 NW (36" RCP)
INV 100.70 SE (36" RCP)

(389) CATCH BASIN
GRATE ELEV 106.50
INV 104.78 NW (15" RCP)

(390) MES
INV 96.14 NW (60" RCP)

(390A) ENDWALL
INV 96.39 W (60" RCP)
INV 95.88 W (60" RCP)
INV 96.17 W (60" RCP)

(390B) MANHOLE
RIM ELEV 104.71
(FULL OF DIRT)

(390C) ENDWALL
INV 95.98 E (60" RCP)
INV 95.92 E (60" RCP)
INV 96.12 E (60" RCP)

(390D) MES
INV 98.21 SE (36" RCP)

(391) MANHOLE
RIM ELEV 104.12
INV 96.14 NW (60" RCP)
INV 96.27 SE (60" RCP)

(392) CATCH BASIN
GRATE ELEV 105.66
INV 99.77 SE (36" RCP)
INV 99.84 NW (36" RCP)
INV 101.59 W (15" RCP)

(393) MANHOLE
RIM ELEV 107.35
BOT ELEV 103.55 (15" RCP)
INV 101.59 W (15" RCP)
*NOT VERIFIED

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
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Certificate of Authorization No. 8115
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EXISTING DRAINAGE STRUCTURES (3)

SHEET NO. 23

394 MANHOLE
RIM ELEV 107.03
INV 104.12 SE (15" RCP)
INV 103.96 W (15" RCP)

395 CURB INLET
TOP ELEV 107.22
INV 103.44 E (15" RCP)
INV 103.47 W (15" RCP)

395A END TREATMENT
INV 103.77 (15" RCP)

396 MANHOLE
RIM ELEV 107.33
INV 104.02 W (24" RCP)
INV 104.01 N (24" RCP)

396A END TREATMENT
INV 103.71 (24" RCP)

397 MANHOLE
RIM ELEV 107.76
INV 102.82 E (15" RCP)
INV 102.71 SW (15" RCP)

398 MES
INV 104.85 (15" CPP)

399 MES
INV 104.79 (15" CPP)

400 CURB INLET
GRATE ELEV 102.18
BOT ELEV 99.32 (24" RCP)

401 CURB INLET
GRATE ELEV 100.36
CAGE TOP ELEV 99.46 (24" RCP)

402 END TREATMENT
INV 96.62 W (18" RCP)

403 MANHOLE
INV UNKNOWN

404 END TREATMENT
INV 96.53 NE (18" RCP)

405 CURB INLET
GRATE ELEV 102.65
TOP ELEV 103.34
BOTTOM ELEV 100.05 (24" RCP)

405A END TREATMENT
INV 99.89 (24" RCP)

405B END TREATMENT
INV 96.89 (24" RCP)

406 CONCRETE SPILLWAY
ELEV 96.52

407 CATCH BASIN
GRATE ELEV 103.41
BOTTOM ELEV 97.11

407A ENDWALL
INV 96.11 W (90" X 55" ERCP)
INV 96.01 W (54" RCP)
INV 96.15 W (92" X 56" ERCP)

407B ENDWALL
INV 96.41 E (90" X 55" ERCP)
INV 95.94 E (54" RCP)
INV 96.21 E (92" X 56" ERCP)
INV 97.06 S (42" RCP)

408 CURB INLET
GRATE ELEV 103.12
TOP ELEV 103.65
INV 98.02 SW (36" RCP)
INV 98.52 SE (24" RCP)

409 CURB INLET
GRATE ELEV 102.71
TOP ELEV 103.24
INV 98.31 NW (24" RCP)

410 CURB INLET
GRATE ELEV 103.15
TOP ELEV 103.63
INV 94.65 NE (36" RCP)
INV 94.65 SE (36" RCP)
INV 94.65 NW (36" RCP)

411 MANHOLE
INV UNKNOWN

413 CATCH BASIN
GRATE ELEV 104.12
BOTTOM ELEV 101.17 (24" RCP)

414 CURB INLET
GRATE ELEV 103.95
TOP ELEV 104.48
INV 97.75 NW (36" RCP)
INV 97.75 E (24" RCP)
INV 97.65 SE
(36" RCP *NOT VERIFIED)

415 CURB INLET
INV UNKNOWN

416 CURB INLET
GRATE ELEV 106.57
INV 103.54 W (24" RCP)
INV 99.17 SE (24" RCP)

417 CURB INLET
GRATE ELEV 106.01
INV 97.63 E (24" RCP)
INV 97.39 NW
(36" *NOT VERIFIED)

418 CURB INLET
GRATE ELEV 107.34
BOTTOM ELEV 100.14
TOP ELEV 107.77

419 MANHOLE
INV UNKNOWN

420 MANHOLE
INV UNKNOWN

421 CURB INLET
GRATE ELEV 107.08
TOP ELEV 107.56
BOTTOM ELEV 104.10 (24" RCP)
(BOTTOM OF CAGE)

422 CURB INLET
GRATE ELEV 106.52
TOP ELEV 107.13
INV 101.97 E (24" RCP)
INV 98.44 W (24" RCP)

423 CURB INLET
GRATE ELEV 106.51
TOP ELEV 107.12
BOTTOM ELEV 103.63
(BOTTOM OF CAGE)

424 CURB INLET
INV UNKNOWN

425 MANHOLE
INV UNKNOWN

426 CURB INLET
INV UNKNOWN

427 CATCH BASIN
GRATE ELEV 112.16
V-SLOT ELEV 111.84
INV 108.22 SW (18" RCP)

428 ENDWALL WEIR
ELEV 107.95

430 CATCH BASIN
GRATE ELEV 106.90
INV 102.19 W (36" CMP)
INV 102.16 E (36" CMP)
INV 102.11 S (36" CMP)

431 ENDWALL
INV 101.49 W (36" CMP)

432 CATCH BASIN
GRATE ELEV 103.19
INV 99.07 NE (24" RCP)

433 CATCH BASIN
GRATE ELEV 103.42
INV 98.39 NE (36" RCP)
INV 98.80 NW (24" RCP)

434 MANHOLE
INV 98.80 NW (24" *NOT VERIFIED)

436 CATCH BASIN
GRATE ELEV 103.50
INV 96.55 NW (36" RCP)
INV 97.24 SW (24" RCP)

437 CATCH BASIN
INV UNKNOWN

438 CATCH BASIN
INV UNKNOWN

439 MES
INV 102.14 SW (3" PVC)

440 METAL SKIMMER
CONCRETE WEIR
ELEV 104.85

441 SANITARY

442 END TREATMEMT
INV 95.06" NE (36" RCP)

443 ENDWALL
INV 97.86" NW (48" RCP)

444 CATCH BASIN
INV UNKNOWN

445 CATCH BASIN
INV UNKNOWN

446 CATCH BASIN
GRATE ELEV 105.06
INV 98.93 NW (48" RCP)
INV 98.88 SE (48" RCP)

447 ENDWALL
INV 97.96 SE (48" RCP)

448 MANHOLE
RIM ELEV 104.07
INV 96.45 NW (36" RCP)
INV 96.26 SE (36" RCP)

448A END TREATMENT
INV 96.17 N (36" RCP)

449 CURB INLET
RIM ELEV 104.73
INV 97.58 NW (36" RCP)
INV 97.57 SE (36" RCP)

450 CONC WEIR

451 MANHOLE
RIM ELEV 104.60
INV 94.49 SW (36" RCP)
INV 94.61 SE (36" RCP)

452 MES
INV 96.77 (30" RCP)

453 MES
INV 99.41 (24" RCP)

454 CATCH BASIN
GRATE ELEV 103.45
INV 100.14 NE (18" RCP)

455 CATCH BASIN
GRATE ELEV 102.09
WR ELEV 102.91
INV 98.41 W (30" RCP)
INV 99.93 E (8" PVC)

456 CATCH BASIN
GRATE ELEV 103.30
BOTTOM ELEV 97.15
(FULL OF WATER)

457 MANHOLE
RIM ELEV 104.90
BOTTOM ELEV 101.90
INV 104.90 N (19" X 29" ERCP)
INV 102.27 S (19" X 29" ERCP)

458 MANHOLE
RIM ELEV 104.48
INV 100.20 NE (18" RCP)
INV 100.25 E (24" RCP)
INV 99.97 W (24" RCP)

459 CATCH BASIN
GRATE ELEV 103.51
INV 99.58 NE (18" RCP)
INV 99.97 SW (18" RCP)

460 CATCH BASIN
GRATE ELEV 103.59
INV 100.02 E (24" RCP)
INV 100.11 W (24" RCP)

461 MANHOLE
RIM ELEV 116.14
INV 112.81 NE (15" PVC)
INV 110.58 SE (15" RCP)
INV 112.89 SW (18" RCP)

462 CATCH BASIN
GRATE 103.34
INV 97.37 NE (48" RCP)

463 CATCH BASIN
GRATE ELEV 103.70
INV 98.92 W (48" RCP)
INV 97.83 E (48" RCP)

464 MANHOLE
INV 97.24 N (36" RCP)
INV 97.17 E (48" RCP)
INV 97.85 W (48" RCP)
*NOT VERIFIED

465 MANHOLE
RIM ELEV 106.07
BOTTOM ELEV 94.84
INV 99.13 N (6" PVC)

466 CATCH BASIN
GRATE ELEV 103.70
INV 97.75 S (36" RCP)

467 CATCH BASIN
GRATE ELEV 113.84
INV 110.83 SW (15" PVC)
BOT ELEV 109.90

468 CURB INLET
RIM ELEV 124.09
INV 119.19 NE (18" RCP)
INV 114.71 NW (18" RCP)
INV 114.59 SE (24" RCP)

469 CATCH BASIN
GRATE ELEV 103.57
INV 97.78 W (48" RCP)
INV 97.83 E (48" RCP)

470 CATCH BASIN
GRATE ELEV 103.41
INV 98.21 N (SIZE UNKNOWN)
INV 98.00 S (48")

471 CATCH BASIN
GRATE ELEV 104.36
INV 102.46 S (19" X 29" ERCP)

472 CATCH BASIN
GRATE ELEV 103.06
INV 98.24 NE (36" RCP)
INV 97.65 SW (36" RCP)

473 MES
INV 101.57 NE (18" RCP)

474 CATCH BASIN
GRATE ELEV 103.70
INV 100.77 N (18" RCP)
INV 100.41 W (24" RCP)

475 MANHOLE
RIM ELEV 104.80
INV 100.34 E (24" X 42" ERCP)

481 CATCH BASIN
GRATE ELEV 105.13
INV 102.11 N (18" RCP)
INV 101.95 S (18" RCP)

482 CATCH BASIN
GRATE ELEV 107.00
INV 106.98 NE (18" CPP)

483 MES
INV 104.12 W (18" CPP)

487 CATCH BASIN
GRATE ELEV 106.14
INV 102.47 SW (14" X 23" RCP)

488 CATCH BASIN
GRATE ELEV 112.22
WEIR ELEV 112.12
BOT ELEV 101.97

489 MANHOLE
RIM ELEV 110.60
INV 107.15 NE (15" RCP)
INV 107.25 SE (15" RCP)

490 MANHOLE
RIM ELEV 110.71
INV 105.76 NE (36" RCP)
INV 105.71 E (36" RCP)

491 CATCH BASIN
GRATE ELEV 109.64
INV 107.47 SW (15" RCP)

492 CATCH BASIN
GRATE ELEV 110.84
INV 105.73 NW (18" RCP)
INV 105.69 SW (6" DIP)
INV 108.21 SW (8" PVC)
INV 105.94 SE (18" RCP)

493 CATCH BASIN
GRATE ELEV 110.84
INV 105.49 SW (8" PVC)
INV 108.29 SW (18" RCP)
INV 105.63 SE (18" RCP)

494 MANHOLE
RIM ELEV 112.89
INV 106.47 NE (36" RCP)
INV 106.44 SW (36" RCP)

495 MES
INV 109.00

496 MES
INV 108.64 NE (24" RCP)

497 CATCH BASIN
GRATE ELEV 115.96
INV 110.98 SW (24" RCP)
INV 113.35 SE (18" RCP)

498 ENDWALL
INV 112.09 SE (15" RCP)

499 CATCH BASIN
GRATE ELEV 115.08
INV 112.60 NW (15" RCP)

500 CATCH BASIN
GRATE 113.01
INV 110.61 NE (14" X 23" ERCP)
INV 110.58 SE (14" X 23" ERCP)

501 MANHOLE
RIM ELEV 114.11
INV 106.86 NE (36" RCP)
INV 106.81 SW (36" RCP)

502 CONC WEIR

503 CURB INLET
THROAT ELEV 114.71
INV 111.38 SE (18" RCP)

504 CURB INLET
THROAT ELEV 114.90
INV 111.57 NW (18" RCP)

505 MANHOLE
RIM ELEV 114.98
INV 111.03 NW (14" X 23" ERCP)
INV 111.16 SW (18" RCP)
INV 111.28 SE (18" RCP)

506 MANHOLE
RIM ELEV 115.52
INV 107.27 NW (36" RCP)
INV 107.22 SE (24" RCP)
INV 107.22 SW (36" RCP)

507 MANHOLE
RIM ELEV 116.17
INV 107.27 NW (30" RCP)
INV 107.17 SW (36" RCP)

508 CURB INLET
THROAT ELVE 116.58
INV 108.18 SE (24" RCP)
INV 111.88 SW (18" RCP)

509 CURB INLET
THROAT ELEV 116.51
INV 116.51 SE (18" RCP)

510 END TREATMENT
INV 112.61 (18" RCP)

511 MES
INV 114.02 E (24" RCP)

512 CATCH BASIN
GRATE ELEV 118.01
INV 114.05 W (24" RCP)

513 MANHOLE
INV UNKNOWN

514 CURB INLET
INV UNKNOWN

515 CURB INLET
INV UNKNOWN

516 MANHOLE
INV UNKNOWN

517 CONC WEIR

518 END TREATMENT
INV 112.61 SE (18" RCP)

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
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Orlando, FL, 32801
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Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EXISTING DRAINAGE STRUCTURES (4)

SHEET NO. 24

glen.dvorovy 2/24/2021 8:04:00 PM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRMPRD01_EXIST.dgn

519 CURB INLET
INV UNKNOWN

520 CURB INLET
INV UNKNOWN

521 MANHOLE
INV UNKNOWN

522 ENDWALL
INV 112.11 NW (18" RCP)

523 CATCH BASIN
GRATE ELEV 116.43
INV 113.25 SE (18" RCP)

524 MES
INV 114.55 NE (30" RCP)

525 CATCH BASIN
GRATE ELEV 119.34
SKIMMER ELEV 119.83
INV 114.53 S (30" RCP)
INV 114.33 NE (6" PVC)

526 CURB INLET
INV UNKNOWN

527 MANHOLE
INV UNKNOWN

528 CURB INLET
INV UNKNOWN

529 CURB INLET
INV UNKNOWN

530 CURB INLET
INV UNKNOWN

531 MES
INV UNKNOWN

532 MES
INV UNKNOWN

533 MES
INV UNKNOWN

534 MES
INV UNKNOWN

535 MES
INV UNKNOWN

536 CURB INLET
RIM ELEV 119.88
INV 115.02 SE (18" RCP)

537 CURB INLET
RIM ELEV 119.38
INV 114.70 NE (18" RCP)
INV 114.44 NW (18" RCP)

538 CURB INLET
RIM ELEV 121.93
INV 116.96 NE (24" RCP)
INV 112.77 NW (18" RCP)
INV 112.33 SE (24" RCP)

539 CURB INLET
INV UNKNOWN

540 CURB INLET
RIM ELEV 124.15
INV 119.36 SE (18" RCP)

541 CATCH BASIN
GRATE ELEV 122.55
INV 116.61 W (24" CPP)
INV 116.64 NE (24" CPP)

542 CATCH BASIN
GRATE ELEV 122.32
INV 117.00 SW (24" CPP)
INV 166.96 N (24" CPP)

543 CATCH BASIN
GRATE ELEV 122.51
INV 117.92 S (24" CPP)

544 CATCH BASIN
GRATE ELEV 124.32
INV 120.71 NW (18" RCP)
INV 120.71 NE (18" RCP)

545 CATCH BASIN
GRATE ELEV 124.52
INV 121.62 SW (18" RCP)
INV 121.62 NE (18" RCP)

546 CATCH BASIN
GRATE ELEV 103.36
INV 97.49 SW (36" RCP)
INV 97.82 SE (36" RCP)

547 CATCH BASIN
GRATE ELEV 103.30
INV 98.15 NE (36" RCP)
INV 98.38 SW (30" RCP)
INV 98.35 W (30" RCP)

548 MANHOLE
INV UNKNOWN

549 CATCH BASIN
GRATE ELEV 103.18
INV 98.34 E (30" RCP)
INV 98.69 S (24" RCP)

550 CATCH BASIN
GRATE ELEV 103.20
INV 99.01 NE (24" RCP)

551 CATCH BASIN
GRATE ELEV 103.12
INV 98.30 NE (24" RCP)
INV 97.73 NW (24" RCP)
INV 97.66 E (24" RCP)

552 UNKNOWN

553 CATCH BASIN
GRATE ELEV 103.24
INV 100.32 E (12" PVC)
INV 98.99 SE (24" RCP)

554 CATCH BASIN
GRATE ELEV 103.23
INV 98.88 NW (24" RCP)
INV 99.06 SW (24" RCP)

555 CATCH BASIN
GRATE ELEV 103.17
INV 98.74 NW (24" RCP)
INV 98.17 SE (24" RCP)

556 CATCH BASIN
GRATE ELEV 103.24
INV 99.48 NW (18" RCP)
INV 99.48 SE (24" RCP)

557 MANHOLE
RIM ELEV 103.46
JUNCTION BOX
BOTTOM OF BOX 96.46
INV UNKNOWN (60" RCP)
INV 96.22 (2-42" RCP)

558 GREASE TRAP

559 CATCH BASIN
GRATE ELEV 103.49
INV 99.73 E (24" RCP)
INV 99.67 W (24" RCP)

560 GREASE TRAP

561 GREASE TRAP

562 CATCH BASIN
INV UNKNOWN

563 CATCH BASIN
GRATE ELEV 103.20
INV 100.10 NE (8" PVC)
INV 99.81 SE (18" RCP)
INV 100.58 SW (SIZE UNKNOWN)

568 CATCH BASIN
GRATE ELEV 101.19
INV 97.80 E (29" X 45" RCP)

569 ENDWALL
INV 96.95 (36" RCP)

570 CATCH BASIN
GRATE ELEV 103.24
INV 99.35 W (24" RCP)
INV 99.03 SE (24" RCP)

571 CURB INLET
RIM ELEV 101.92
INV 97.17 E (24" RCP)

572 CATCH BASIN
GRATE ELEV 103.47
INV 99.82 N (18" RCP)

573 MANHOLE
RIM ELEV 103.89
JUNCTION BOX
BOTTOM OF BOX 96.55
INV UNKNOWN (60" RCP)
INV UNKNOWN (2-42" RCP)

574 CONTROL STRUCTURE
GRATE ELEV 103.34
INV 97.91 NE (8" PVC)
INV 97.41 SW (36" RCP)

575 CURB INLET
RIM ELEV 101.64
BOT ELEV 95.90 (UNKNOWN)

576 CURB INLET
GRATE ELEV 101.21
BOTTOM ELEV 99.60 (24" RCP)

577 CURB INLET
GRATE ELEV 101.23
BOTTOM ELEV 97.81 (24" RCP)

578 MANHOLE
RIM ELEV 100.92

579 CURB INLET
GRATE ELEV 100.40
BOTTOM ELEV 96.95 (24" RCP)

580 CATCH BASIN
GRATE ELEV 103.24
INV 99.49 E (24" RCP)
INV 99.45 SE (18" RCP)

581 CURB INLET
RIM ELEV 101.67
INV 96.35 E (24" RCP)

582 MANHOLE
RIM ELEV 104.03
INV 96.49 S (60" RCP)
INV 96.68 N (60" RCP)

582A MANHOLE
RIM ELEV 103.15
INV 97.78 W (48" RCP)
INV 97.45 S (SIZE UNKNOWN)

583 MES
INV 100.38 NE (24" RCP)

584 MANHOLE
RIM ELEV 102.21
INV 97.51 W (18" RCP)
INV 97.72 N (29" X 45" ERCP)
INV 97.27 SE (60" RCP)

585 MANHOLE
RIM ELEV 102.72
INV 98.30 E (18" RCP)

586 CATCH BASIN
GRATE ELEV 102.96
INV 99.29 N (15" CMP)

587 MANHOLE
TOP ELEV 102.57
INV 97.04 NW (29" X 45" ERCP)
INV 96.99 SE (29" X 45" ERCP)

588 CATCH BASIN
GRATE ELEV 103.89
INV 99.98 W (18" RCP)

589 MANHOLE
RIM ELEV 102.64
INV 97.17 NW (29" X 45" ERCP)
INV 97.22 W (29" X 45" ERCP)
INV 96.98 SE (29" X 45" ERCP)

590 CATCH BASIN
GRATE ELEV 103.37
INV 95.42 S (SIZE UNKNOWN)
INV 95.31 SW (15" CMP)

590A ENTREATMENT UNKNOWN
INV 94.88 (UNKNOWN)

591 CATCH BASIN
GRATE ELEV 103.58
INV 100.47 NW (24" RCP)
INV 100.40 NE (24" RCP)

592 MANHOLE
RIM ELEV 104.76
INV 100.27 E (18" RCP)

593 MANHOLE
RIM ELEV 104.84
INV 100.35 S (18" RCP)
INV 100.17 W (18" RCP)

594 MANHOLE
RIM ELEV 106.94
INV 100.28 N (18" RCP)
INV 100.41 S (18" RCP)

595 FES
INV 101.23 W (24" RCP)

596 MANHOLE
RIM ELEV 110.16
INV 105.68 S (18" RCP)
INV UNKNOWN N (18" RCP)

597 MANHOLE
RIM ELEV 104.77
INV 100.26 E (24" X 42" ERCP)

598 CATCH BASIN
GRATE ELEV 103.67
INV 100.61 E (18" RCP)
INV 100.41 SW (18" RCP)

599 CATCH BASIN
GRATE ELEV 103.50
INV 100.25 W (18" RCP)
INV 100.27 SW (18" RCP)

600 MANHOLE
RIM ELEV 105.49
INV 101.06 E (24" RCP)
INV 100.95 W (24" X 42" ERCP)

601 SANITARY

602 CATCH BASIN
GRATE ELEV 108.05
BOTTOM ELEV 105.36

603 ENDTREATMENT
INV UNKNOWN

604 CURB INLET
ELEV 106.39
INV 101.64 S (15" RCP)

605 MANHOLE
RIM ELEV 108.52
INV 101.57 N (15" RCP)
INV 101.74 S (15" RCP)

606 CURB INLET
RIM ELEV 106.38
INV 101.57 N (15" RCP)
INV 101.56 E (18" RCP)
INV 101.44 W (24" RCP)

607 MES
ELEV 105.24

608 MANHOLE
RIM ELEV 110.63
INV 104.52 E (24" RCP)
INV 104.35 W (12" RCP)
INV UNKNOWN S (24" RCP)

609 CATCH BASIN
GRATE ELEV 108.51
INV 104.19 W (24" RCP)
INV 104.25 N (24" RCP)
INV 103.99 S (24" RCP)

610 CATCH BASIN
GRATE ELEV 107.60
BOTTOM ELEV 103.51

611 MES
INV 102.94 W (15" RCP)

612 MES
INV 102.47 S (15" RCP)

613 MANHOLE
RIM ELEV 132.10
INV 127.45 N (18")
INV 127.46 S (18")

614 CURB INLET
RIM ELEV 108.07
INV 102.48 E (18" RCP)
INV 102.30 W (18" RCP)

615 CATCH BASIN
GRATE ELEV 105.05
BOTTOM ELEV 102.65 (15" RCP)

616 CATCH BASIN
GRATE ELEV 104.47
BOTTOM ELEV 99.22
INV UNKNOWN (15" RCP)

617 MES
TOP ELEV 102.90 (15" RCP)

618 CATCH BASIN
GRATE ELEV 106.96
BOTTOM ELEV 103.68

619 CURB INLET
RIM ELEV 111.01
INV 103.33 SE (15" RCP)

620 MANHOLE
RIM ELEV 112.55
INV 103.12 NW (15" RCP)
INV 103.03 SE (15" RCP)

621 MANHOLE
RIM ELEV 110.87
INV 103.12 NW (15" RCP)
INV 102.81 SW (18" RCP)

622 CATCH BASIN
GRATE ELEV 125.14
INV 122.08 SW (18" RCP)

623 FES
INV UNKNOWN

624 CATCH BASIN
GRATE ELEV 131.08
INV 127.08 E (18" RCP)

625 MES
INV 127.21 W (18" RCP)

626 CATCH BASIN
GRATE ELEV 129.07
INV 124.89 SE (18" RCP)

627 MES
INV 124.62 NW (18" RCP)

628 MES
INV 124.58 NE (36" RCP)

629 CURB INLET
RIM ELEV 157.62
INV 152.46 NE (18" RCP)

630 MANHOLE
RIM ELEV 158.61
INV 152.22 NE (18" RCP)
INV 144.03 SE (24" RCP)
INV 144.03 SW (18" RCP)

631 CURB INLET
RIM ELEV 157.45
INV 151.84 SW (18" RCP)

632 MES
INV 124.49 SE (36" RCP)

633 MES
INV 127.06 SE (18" RCP)

634 CATCH BASIN
GRATE ELEV 130.02
INV 127.35 NW (18" RCP)

635 CATCH BASIN
GRATE ELEV 130.57
INV 124.41 N (18" RCP)
INV 127.59 S (4" PVC)
SKIMMER ELEV 130.56

636 MES
INV 126.99 NW (18" RCP)

637 CATCH BASIN / OVERFLOW
GRATE ELEV 130.27
WEIR ELEV 130.09
INV 126.53 SE (15" RCP)

638 MES
INV 126.00 NW (15" RCP)

639 END TREATMENT
INV 115.70 NW (18" RCP)

640 CATCH BASIN
GRATE ELEV 118.88
INV 116.12 SE (18" RCP)

640A CURB INLET
RIM ELEV 120.00
INV 114.11 NE (18" RCP)
INV 114.03 SE (18" RCP)

641 CATCH BASIN / CONTROL
GRATE ELEV 116.50
V-SLOT ELEV 112.59
INV 108.56 N (36" RCP)
INV 111.02 SW (8" PVC)
INV 111.02 S (8" PVC)
INV 111.01 SE (8" PVC)
SKIMMER ELEV 116.52

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EXISTING DRAINAGE STRUCTURES (5)

SHEET NO. 25

641A
CURB INLET
RIM ELEV 120.05
INV 114.61 NW (18" RCP)

642
MANHOLE
RIM ELEV 117.12

642A
CURB INLET
RIM ELEV 117.98
INV 112.01 NE (18" RCP)
INV 112.11 SE (18" RCP)
INV 112.13 SW (18" RCP)

643
MES
INV 108.09 NW (36" RCP)

643A
CURB INLET
RIM ELEV 118.77
INV 112.58 NW (18" RCP)

644
CURB INLET
RIM ELEV 115.24
INV 109.71 NW (18" RCP)

628
MES
INV 124.58 NE (36" RCP)

629
CURB INLET
RIM ELEV 157.62
INV 152.46 NE (18" RCP)

630
MANHOLE
RIM ELEV 158.61
INV 152.22 NE (18" RCP)
INV 144.03 SE (24" RCP)
INV 144.03 SW (18" RCP)

631
CURB INLET
RIM ELEV 157.45
INV 151.84 SW (18" RCP)

632
MES
INV 124.49 SE (36" RCP)

633
MES
INV 127.06 SE (18" RCP)

634
CATCH BASIN
GRATE ELEV 130.02
INV 127.35 NW (18" RCP)

635
CATCH BASIN
GRATE ELEV 130.57
INV 124.41 N (18" RCP)
INV 127.59 S (4" PVC)
SKIMMER ELEV 130.56

636
MES
INV 126.99 NW (18" RCP)

637
CATCH BASIN / OVERFLOW
GRATE ELEV 130.27
WEIR ELEV 130.09
INV 126.53 SE (15" RCP)

638
MES
INV 126.00 NW (15" RCP)

639
END TREATMENT
INV 115.70 NW (18" RCP)

640
CATCH BASIN
GRATE ELEV 118.88
INV 116.12 SE (18" RCP)

640A
CURB INLET
RIM ELEV 120.00
INV 114.11 NE (18" RCP)
INV 114.03 SE (18" RCP)

641
CATCH BASIN / CONTROL
GRATE ELEV 116.50
V-SLOT ELEV 112.59
INV 108.56 N (36" RCP)
INV 111.02 SW (8" PVC)
INV 111.02 S (8" PVC)
INV 111.01 SE (8" PVC)
SKIMMER ELEV 116.52

641A
CURB INLET
RIM ELEV 120.05
INV 114.61 NW (18" RCP)

642
MANHOLE
RIM ELEV 117.12

642A
CURB INLET
RIM ELEV 117.98
INV 112.01 NE (18" RCP)
INV 112.11 SE (18" RCP)
INV 112.13 SW (18" RCP)

643
MES
INV 108.09 NW (36" RCP)

643A
CURB INLET
RIM ELEV 118.77
INV 112.58 NW (18" RCP)

644
CURB INLET
RIM ELEV 115.24
INV 109.71 NW (18" RCP)

644A
CURB INLET
INV 109.41 SW (18" RCP)
INV 109.32 NE (24" RCP)
INV 109.34 SE (18" RCP)

645
CURB INLET
RIM ELEV 113.78
INV 107.92 NW (18" RCP)

645A
CURB INLET
RIM ELEV 113.61
INV 107.66 NE (24" RCP)
INV 107.66 SE (24" RCP)
INV 107.76 SW (18" RCP)

646
CURB INLET
RIM ELEV 113.05
INV 107.37 NW (18" RCP)

646A
CURB INLET
RIM ELEV 113.04
INV 106.96 NE (24" RCP)
INV 106.96 SE (24" RCP)
INV 107.03 SW (18" RCP)

647
CURB INLET
RIM ELEV 111.68
INV 105.94 NW (18" RCP)

647A
CURB INLET
RIM ELEV 111.48
INV 105.26 NE (24" RCP)
INV 105.39 SE (18" RCP)
INV 105.19 SW (24" RCP)

648
CURB INLET
RIM ELEV 109.12
INV 103.35 NW (18" RCP)

648A
CURB INLET
RIM ELEV 109.04
INV 102.94 NE (30" RCP)
INV 102.96 SE (18" RCP)
INV 102.85 SW (24" RCP)

649
MES
INV 103.40 N (30" RCP)

650
MES
INV 103.45 S (30" RCP)

651
CATCH BASIN
GRATE ELEV 108.18
BOT ELEV 100.01
(FULL OF WATER)

652
ENDWALL
INV 103.14 NW (30" RCP)

653
CATCH BASIN
GRATE ELEV 108.17
BOT ELEV 99.23
(FULL OF WATER)

654
CATCH BASIN
GRATE ELEV 107.56
INV 102.82 NW (30" RCP)
INV 102.91 SE (30" RCP)

655
CATCH BASIN
GRATE ELEV 110.66
INV 102.73 NW (30" RCP)
INV 102.79 SE (30" RCP)
INV 102.85 NE (18" RCP)

656
ENDWALL
INV 102.25 S (30" RCP)

656A
END TREATMENT
INV 101.88 (38" X 60" ERCP)

657
MANHOLE
RIM ELEV 106.33
INV 93.40 NW (38" X 60" ERCP)
INV UNKNOWN SE (38" X 60" ERCP)

657A
CURB INLET
RIM ELEV 106.70
INV 102.07 NW (18" RCP)

658
CATCH BASIN
GRATE ELEV 102.30
SKIMMER ELEV 103.25
INV 91.48 NW (54" RCP)
INV 92.45 SE (48" RCP)

658A
CURB INLET
RIM ELEV 106.62
INV 101.45 NW (30" RCP)
INV 101.42 SE 18" RCP)
INV 101.41 SW (30" RCP)

659
MANHOLE
RIM ELEV 104.37
INV 93.49 NW (48" RCP)
INV 93.59 SE (38" X 60" ERCP)

659A
END TREATMENT
INV 101.33 (30" RCP)

660
CATCH BASIN
GRATE ELEV 106.52
INV 103.75 S (18" RCP)

660A
CURB INLET
RIM ELEV 105.70
INV 101.96 NW (18" RCP)

660B
CURB INLET
RIM ELEV 105.48
INV 101.97 NW (18" RCP)

660C
CURB INLET
RIM ELEV 105.72
INV 101.63 NW (18" RCP)

660D
CURB INLET
RIM ELEV 106.38
INV 102.16 NW (18" RCP)

660E
MES
INV 101.30 (18" RCP)

660F
MES
INV 101.11 (18" RCP)

660G
MES
INV 100.81 (18" RCP)

660H
MES
INV 101.19 SE (24" X 36" ERCP)

660I
CURB INLET
RIM ELEV 106.42
INV 101.59 NE (24" X 36" ERCP)
INV 101.59 SE (18" RCP)
INV 101.56 SW (24" X 36" ERCP)

660J
MES
INV 89.13 (54" RCP)

661
MANHOLE
RIM ELEV 130.26
INV 122.15 NW (36" RCP)
INV 122.20 SE (36" RCP)

662
MANHOLE
RIM ELEV 122.35
BOTTOM ELEV 107.35 (48" RCP)
INV 107.31 N (54" RCP)

663
MANHOLE
RIM ELEV 122.42
BOTTOM ELEV 107.43 (48" RCP)
INV 107.38 N (54" RCP)

664
MES
INV 107.06 SE (54" RCP)
INV 107.06 SW (54" RCP)

665
MANHOLE
RIM ELEV 130.91
INV 121.96 NW (36" RCP)
INV 122.02 SE (36" RCP)

666
MANHOLE
RIM ELEV 127.54
INV 115.91 NE (48" RCP)
INV 115.77 SW (48" RCP)

667
MANHOLE
RIM ELEV 128.03
INV 117.60 NE (48" RCP)
INV 117.44 SW (48" RCP)

668
MANHOLE
RIM ELEV 128.30
INV 117.71 NE (48" RCP)
INV 117.83 SW (48" RCP)

669
CURB INLET
RIM ELEV 131.40
INV 119.01 NE (48" RCP)
INV 119.07 SW (48" RCP)

670
CURB INLET
RIM ELEV 131.19
INV 119.66 NE (48" RCP)
INV 119.72 SW (48" RCP)

671
MANHOLE
RIM ELEV 131.50
INV 116.04 NE (48" RCP)
INV 116.32 NW (48" RCP)

672
CATCH BASIN
INV UNKNOWN

673
MANHOLE
RIM ELEV 131.80
INV 119.27 NE (48" RCP)
INV 119.71 SW (48" RCP)
INV 121.64 SE (36" RCP)

674
CURB INLET
RIM ELEV 131.87
INV 124.47 NW (24" RCP)
INV 124.63 SW (24" RCP)

675
CURB INLET
RIM ELEV 133.12
INV 120.59 SE (48" RCP)
INV 120.64 SW (48" RCP)

676
CURB INLET
RIM ELEV 132.18
INV 124.46 NE (24" RCP)
INV 124.46 SE (24" RCP)
INV 125.61 SW (18" RCP)

677
CATCH BASIN
GRATE ELEV 124.02
INV 122.13 NW (48" RCP)
INV 123.97 SE (24" RCP)

678
CURB INLET
RIM ELEV 132.64
INV 121.28 NE (48" RCP)
INV 121.41 SE (48" RCP)
INV 126.06 NW (24" RCP)

679
CURB INLET
RIM ELEV 142.44
INV 134.94 NE (24" RCP)
INV 130.17 SE (24" RCP)

680
MANHOLE
RIM ELEV 143.83
INV 137.01 NE (18" RCP)
INV 135.08 SW (24" RCP)
INV 134.89 NW (24" RCP)

681
CURB INLET
RIM ELEV 142.45
INV 137.48 SW (18" RCP)

682
CURB INLET
RIM ELEV 157.71
INV 151.78 NE (18" RCP)

683
CURB INLET
RIM ELEV 157.69
INV 151.60 SW (18" RCP)

684
MANHOLE
RIM ELEV 158.30
INV 151.61 NE (18" RCP)
INV 151.56 SW (18" RCP)
INV 149.27 NW (24" RCP)

685
MANHOLE
RIM ELEV 155.63
INV 145.86 NE (24" RCP)
INV 148.99 SE (24" RCP)
INV 145.93 NW (24" RCP)

686
MANHOLE
RIM ELEV 155.40
INV 126.40 NE (24" RCP)
INV 145.75 SE (24" RCP)
TOP OF 24" IP ELEV 144.38

686A
MES
INV 124.90 (24")

687
CURB INLET
RIM ELEV 151.33
INV 146.28 NE (18" RCP)

688
MANHOLE
RIM ELEV 152.16
INV 145.91 NE (18" RCP)
INV 146.01 SE (24" RCP)
INV 146.26 SW (18" RCP)

689
CURB INLET
RIM ELEV 150.99
INV 146.27 SW (18" RCP)

690
CURB INLET
RIM ELEV 141.61
INV 136.28 NE (18" RCP)

691
MANHOLE
RIM ELEV 142.67
INV 135.98 NE (18" RCP)
INV 135.96 NW (18" RCP)
INV 136.15 SW (18" RCP)

692
CURB INLET
RIM ELEV 141.23
INV 136.34 SW (18" RCP)

693
CURB INLET
RIM ELEV 140.47
INV 136.67 NW (18" RCP)

694
MANHOLE
RIM ELEV 141.41
INV 135.42 NW (18" RCP)
INV 135.52 NE (18" RCP)
INV 135.50 SE (18" RCP)
INV 135.61 SW (18" RCP)

695
CURB INLET
INV UNKNOWN

696
CURB INLET
RIM ELEV 140.99
INV 136.09 NE (18" RCP)

697
MANHOLE
RIM ELEV 140.33
INV 129.96 NW (30" RCP)
INV 134.78 SE (18" RCP)

698
CURB INLET
INV UNKNOWN

699
CURB INLET
INV UNKNOWN

700
CURB INLET
INV UNKNOWN

701
CURB INLET
INV UNKNOWN

702
MANHOLE
INV UNKNOWN

703
CURB INLET
INV UNKNOWN

704
MANHOLE
INV UNKNOWN

705
CURB INLET
INV UNKNOWN

707
MANHOLE
RIM ELEV 140.24
INV 129.59 W (30" RCP)
INV 129.64 SE (30" RCP)

708
CURB INLET
INV UNKNOWN

709
CURB INLET
INV UNKNOWN

710
CATCH BASIN
GRATE ELEV 111.59
BOT ELEV 100.73 (18" RCP)

711
CATCH BASIN
GRATE ELEV 111.57
INV 106.09 N (18" RCP)
INV 106.00 S (18" RCP)

712
CATCH BASIN
GRATE ELEV 111.59
INV 108.91 NE (15" RCP)
INV 108.84 S (18" RCP)

713
CATCH BASIN
GRATE ELEV 111.63
INV 109.03 E (18")
INV 108.98 SW (18")

714
DRAINAGE MISCELLANEOUS
INV UNKNOWN

715
DRAINAGE MISCELLANEOUS
INV UNKNOWN

716
DRAINAGE MISCELLANEOUS
INV UNKNOWN

717
MES
INV 105.73 NW (18" RCP)

718
DRAINAGE MISCELLANEOUS
INV UNKNOWN

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
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Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EXISTING DRAINAGE STRUCTURES (6)

SHEET NO. 26

glen.dvorovy 2/24/2021 8:04:02 PM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRMPRD01_EXIST.dgn

719 CATCH BASIN
GRATE ELEV 109.43
V-SLOT ELEV 109.10
INV 105.32 NW (18" RCP)
INV 105.18 SE (18" RCP)

720 CATCH BASIN
GRATE ELEV 108.39
INV 105.77 SE (18" RCP)

720A SPILLWAY
ELEV 118.45

721 MES
INV 109.01 NW (15" CMP)

722 CATCH BASIN
GRATE ELEV 118.24
INV 111.69 SE (15" CMP)

723 MES
INV 109.50 NW (15" CMP)

724 CATCH BASIN
GRATE ELEV 129.92
INV 115.42 SE (15" CMP)

725 CATCH BASIN
GRATE ELEV 114.04
V-SLOT ELEV 113.70
INV 109.07 NW (18" CMP)

726 MES
INV 108.14 SE (18" CMP)

727 CATCH BASIN
GRATE ELEV 114.07
V-SLOT ELEV 113.73
INV 109.28 SE (18")

728 END TREATMENT
INV 106.52 (18")

729 CATCH BASIN
GRATE ELEV 113.43
SKIMMER ELEV 113.37
INV 100.60 SW (18" RCP)
INV 100.29 NE (24" RCP)

730 CATCH BASIN
GRATE ELEV 112.85
INV 107.81 NE (18" CMP)
BOTTOM ELEV 104.89

731 CATCH BASIN
GRATE ELEV 119.80
INV 112.30 NW (18" RCP)
INV 112.42 NE (18" RCP)

732 CONCRETE FLUME
INV 106.21 SE (18" RCP)

733 CATCH BASIN
GRATE ELEV 106.99
INV 94.72 NW (UNKNOWN)
INV 94.68 SE (48")

734 CATCH BASIN
GRATE ELEV 121.67
INV 116.13 SW (18" RCP)

736 ENDWALL
INV 95.07 SE
(66" X 50" BOX CULVERT)

737 MES
INV 98.95 W (24" RCP)

738 MES
INV 95.49 E (36" RCP)

739 CATCH BASIN
GRATE ELEV 108.17
INV 105.87 SE (15" CMP)

740 MES
INV 95.41 NW (48" RCP)
INV 95.41 NW (48" RCP)

741 MES
INV 94.71 SE (48" RCP)
INV 94.67 SE (48" RCP)

743 MANHOLE
RIM ELEV 102.48
INV 98.86 NE (18" RCP)
INV 98.87 SW (18" RCP)

744 DRAINAGE MISCELLANEOUS
INV UNKNOWN

745 MANHOLE
RIM ELEV 113.23
INV 103.87 NE (36" RCP)
INV 103.81 SW (36" RCP)

746 MES
INV UNKNOWN

747 END TREATMENT
INV UNKNOWN

748 CURB INLET
INV 98.32 (15" RCP)

749 CURB INLET
RIM ELEV 102.80
INV 98.61 NE (18" RCP)
INV 98.70 SW (18" RCP)

750 MANHOLE
RIM ELEV 102.75
INV 96.28 NE (18" RCP)
INV 95.52 SW (36" RCP)

751 CATCH BASIN
GRATE ELEV 101.70
INV 98.89 SW (18" RCP)

752 CONCRETE FLUME
INV UNKNOWN

753 CATCH BASIN
INV UNKNOWN

754 CATCH BASIN
GRATE ELEV 123.98
V-SLOT ELEV 123.81
INV 117.01 SE (18" CMP)

754A END TREATMENT
INV 114.64 (18" CMP)

755 CATCH BASIN
GRATE ELEV 120.61
V-SLOT ELEV 120.26
INV 116.58 NE (18" RCP)

756 MES
INV UNKNOWN

757 CURB INLET
INV UNKNOWN

758 CURB INLET
INV UNKNOWN

759 CURB INLET
INV UNKNOWN

760 CATCH BASIN
GRATE ELEV 116.92
V-SLOT ELEV 116.59
INV 112.48 SW (18" CMP)
INV 112.27 W (18" RCP)

760A MES
INV 111.16 (18" CMP)

761 CURB INLET
INV UNKNOWN

762 CURB INLET
INV UNKNOWN

763 CURB INLET
INV UNKNOWN

764 MES
INV 111.06 E (18" CMP)

766 CATCH BASIN
TOP ELEV 114.81
V-SLOT ELEV 114.50
INV 111.40 W (18" RCP)
INV 111.56 E (15" RCP)

767 CATCH BASIN
GRATE ELEV 115.37
INV 111.47 NW (15" RCP)

768 OVERFLOW STRUCTURE
INV UNKNOWN

769 CURB INLET
INV UNKNOWN

770 MANHOLE
INV UNKNOWN

771 CURB INLET
INV UNKNOWN

772 MANHOLE
INV UNKNOWN

773 MANHOLE
INV UNKNOWN

774 MANHOLE
INV UNKNOWN

775 CURB INLET
INV UNKNOWN

776 MANHOLE
INV UNKNOWN

777 MANHOLE
INV UNKNOWN

778 CATCH BASIN
INV UNKNOWN

779 MANHOLE
INV UNKNOWN

780 MANHOLE
INV UNKNOWN

781 CATCH BASIN
INV UNKNOWN

782 CURB INLET
INV UNKNOWN

783 MANHOLE
INV UNKNOWN

784 CATCH BASIN
INV UNKNOWN

785 MANHOLE
INV UNKNOWN

786 MANHOLE
INV UNKNOWN

787 CURB INLET
INV UNKNOWN

788 MANHOLE
INV UNKNOWN

789 MANHOLE
INV UNKNOWN

790 CURB INLET
INV UNKNOWN

791 CURB INLET
INV UNKNOWN

792 CURB INLET
INV UNKNOWN

793 CATCH BASIN
INV UNKNOWN

794 CATCH BASIN
INV UNKNOWN

795 CURB INLET
INV UNKNOWN

796 MANHOLE
INV UNKNOWN

797 CURB INLET
INV UNKNOWN

798 CURB INLET
INV UNKNOWN

799 CATCH BASIN
INV UNKNOWN

800 CATCH BASIN
INV UNKNOWN

801 DRAINAGE MISCELLANEOUS
INV UNKNOWN

802 MANHOLE
INV UNKNOWN

802A MANHOLE
INV UNKNOWN

802B MANHOLE
INV UNKNOWN

802C MANHOLE
INV UNKNOWN

803 CATCH BASIN
INV 101.18 SW (30" RCP)

804 CURB INLET
INV UNKNOWN

805 MANHOLE
INV UNKNOWN

806 MES
INV 101.05 NE (30" RCP)

807 END PIPE
INV UNKNOWN (36" RCP)

808 END PIPE
INV 94.62 (36" RCP)

809 END PIPE
INV 94.64 (36" RCP)

810 ENDWALL
INV 97.38 N (24" CMP)

811 CATCH BASIN
GRATE ELEV 112.32
BOTTOM ELEV 105.52
(FULL OF WATER)

812 CATCH BASIN
GRATE ELEV 112.13
BOTTOM ELEV 104.84
(FULL OF WATER & MUD)

813 END PIPE
INV UNKNOWN

814 ENDWALL
INV UNKNOWN

815 CATCH BASIN
SKIMMER RIM ELEV 104.85
RIM ELEV 103.83 (48" VER. CMP)
INV 99.08 E (6" CPP)
INV 97.25 SW (24" CMP)
INV 98.91 W (6" CPP)

816 CATCH BASIN
GRATE ELEV 102.90
INV 97.69 NW (15" RCP)

817 CATCH BASIN
GRATE ELEV 102.31
INV 96.13 NE (36" RCP)
INV 97.32 SE (15" RCP)
INV 95.32 SW (42" RCP)

818 MES
INV 98.12 NE (18" RCP)

819 MES
INV 98.14 SW (36" RCP)

820 OVERFLOW STRUCTURE
GRATE ELEV 102.41
SLOT ELEV 101.10
WEIR ELEV 102.30
INV 99.01 SW (18" RCP)

821 CURB INLET
RIM ELEV 103.84
INV 95.80 NW (18" RCP)
INV 95.86 SW (18" RCP)

822 MES
INV 98.13 NE (18" RCP)

823 CURB INLET
RIM ELEV 104.31
INV 96.53 NE (18" RCP)

824 CURB INLET
RIM ELEV 106.08
INV 98.35 SE (18" RCP)

825 CURB INLET
INV UNKNOWN

826 MANHOLE
INV UNKNOWN

827 CURB INLET
INV UNKNOWN

828 ENDWALL
INV 94.63 NW (42" RCP)
INV 94.64 NW (54" RCP)

829 CURB INLET
INV UNKNOWN

830 CURB INLET
INV UNKNOWN

831 ENDWALL
INV 94.41 SE (42" RCP)
INV 94.52 SE (54" RCP)

832 CURB INLET
INV UNKNOWN

833 CURB INLET
INV UNKNOWN

834 END TREATMENT
INV 92.17 NW (48" RCP)
INV 92.79 SE (48" RCP)

834A END TREATMENT
INV 92.60 NW (48" RCP)
INV 93.06 SE (48" RCP)

835 CATCH BASIN
INV UNKNOWN

836 CURB INLET
INV UNKNOWN

837 CURB INLET
INV UNKNOWN

838 CATCH BASIN
INV UNKNOWN

840 CATCH BASIN
INV UNKNOWN

841 CATCH BASIN
INV UNKNOWN

842 CURB INLET
INV UNKNOWN

843 CURB INLET
INV UNKNOWN

844 CURB INLET
INV UNKNOWN

845 CURB INLET
INV UNKNOWN

846 CATCH BASIN
INV UNKNOWN

847 CURB INLET
INV UNKNOWN

848 CURB INLET
INV UNKNOWN

849 CURB INLET
RIM ELEV 111.27
INV 104.58 NW (18" RCP)

850 CURB INLET
RIM ELEV 111.25
INV 102.21 NE (24" X 36" ERCP)
INV 104.04 SE (18" RCP)
INV 102.09 SW (24" X 36" ERCP)

851 CATCH BASIN
INV 89.67 SW (19" x 30" RCP)

851A FES
INV UNKNWON

852 CATCH BASIN
INV UNKNOWN

853 ENDWALL
INV 90.09 NE (24" RCP)

854 CATCH BASIN
INV 90.04 NE (24" RCP)
INV 90.10 SW (24" RCP)

855 FES
INV 92.40 SW (24" RCP)

856 CATCH BASIN
INV 87.66

857 ENDPIPE
INV 86.88 NE (15" RCP)

858 CATCH BASIN
INV 87.38 SW (15" RCP)
INV 87.40 SE (15" RCP)

859 MES
INV 87.12 NE (15" RCP)

860 MES
INV 88.27 SW (15" RCP)

861 MES
INV 87.43 NW (24" RCP)

862 CONCRETE DRAIN

863 MES
INV 86.92 E (24" RCP)

864 CONCRETE DRAIN

865 ENDWALL
INV 84.18 NE (15" RCP)

866 CATCH BASIN
INV 85.38 SW (15" RCP)

867 ENDWALL
INV 83.74 NE (48" RCP)

868 ENDWALL
INV 85.04 SW (48" RCP)

869 CATCH BASIN
INV 87.24 NE (15" RCP)

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EXISTING DRAINAGE STRUCTURES (7)

SHEET NO. 27

869A ENDPIPE
INV 86.93 SW (15" RCP)

870 CONCRETE DRAIN

871 CATCH BASIN
INV 94.21 W (36" RCP)

872 MES
INV 96.76 N (15" RCP)

873 MANHOLE
INV 93.59 S (15" RCP)

874 CATCH BASIN
INV 83.07 W (36" RCP)

875 CATCH BASIN
INV 93.24 W (36" RCP)
INV 92.99 E (36" RCP)

876 ENDPIPE
INV 95.12 N (15" RCP)

877 MANHOLE
INV 93.16 SE (36" RCP)
INV 95.42 SW (15" RCP)

878 MANHOLE
RIM ELEV 102.03
INV 97.50 NW (29"X45" ERCP)
INV 97.77 E (18" RCP)
INV 97.48 SE (29"X45" ERCP)

878 MANHOLE
RIM ELEV 102.03
INV 97.50 NW (29"X45" ERCP)
INV 97.77 E (18" RCP)
INV 97.48 SE (29"X45" ERCP)

879 MANHOLE
RIM ELEV 102.16
INV 97.65 NW (29"X45" ERCP)
INV 97.82 W (18"X30" ERCP)
INV 97.65 SE (29"X45" ERCP)

880 CURB INLET
RIM ELEV 102.69
INV 99.46 W (18" RCP)

881 MANHOLE
SANITARY

882 CURB INLET
RIM ELEV 102.80
INV 98.78 N (19" x 30" ERCP)
INV 98.65 E (19" x 30" ERCP)

883 MANHOLE
RIM ELEV 101.50
INV 97.55 NW (29"X45" ERCP)
INV 97.70 W (18" RCP)
INV 97.53 SE (29"X45" ERCP)

884 CURB INLET
RIM ELEV 102.35
INV 99.24 S (19"X30" ERCP)

885 CONCRETE FLUME

886 CURB INLET
RIM ELEV 102.09
INV 98.54 W (18" RCP)

887 MANHOLE
RIM ELEV 101.62
INV 98.09 NW (29"X45" ERCP)
INV 98.30 E (18" RCP)
INV 98.07 SE (29"X45" ERCP)

888 CURB INLET
RIM ELEV 102.10
INV 98.59 NW (15" RCP)
INV 98.15 E (18" RCP)

889 CATCH BASIN
GRATE ELEV 101.73
INV 99.73 NE (6" PVC)
INV 98.99 SE (15" RCP)

890 CONCRETE FLUME

891 MANHOLE
RIM ELEV 102.02
UNABLE TO OPEN

892 MANHOLE
RIM ELEV 104.35
INV 98.81 N (15" RCP)
INV 100.81 E (6" CPP)
INV 98.76 SE (15" RCP)
INV 97.88 SW (12" RCP)
INV W UNKNOWN

892A GUTTER INLET
GRATE ELEV 102.39
BOT ELEV 98.33

892B MES
INV 99.35 (12" RCP)

893 CATCH BASIN
GRATE ELEV 102.47
BOT ELEV 98.33
TOP ELEV 102.84

893A ENDWALL
INV 97.87 (18" CMP)

894 CATCH BASIN
RIM ELEV 103.22
INV 99.36 N (18" RCP)

895 CATCH BASIN
GRATE ELEV 103.08
SLOT ELEV 100.34
INV 98.37 NW (24" RCP)

896 MANHOLE
INV UNKNOWN

897 MANHOLE
RIM ELEV 103.21
INV 99.27 N (12" DI FORCE MAIN)
INV 98.34 SE (24" RCP)
INV 98.72 W (24" RCP)

898 CURB INLET
RIM ELEV 102.85
INV 99.03 S (18" RCP)
INV 98.93 W (18" RCP)

899 CONCRETE FLUME

900 MES
INV UNKNOWN

900A CATCH BASIN
GRATE ELEV 102.60
SKIMMER 102.65
INV 99.31 N (12" PVC)

901 CATCH BASIN
INV UNKNOWN

902 CURB INLET
RIM ELEV 102.68
BOT ELEV 97.62
INV 97.60 NE (SIZE UNKNOWN)
INV 99.17 S (12" PVC)

903 MANHOLE
RIM ELEV 102.21
NO INV ELEV (IN ROAD)

904 CURB INLET
RIM ELEV 103.09
INV 99.58 N (18" RCP)
INV 99.55 SW (18" RCP)

905 CURB INLET
RIM ELEV 103.17
INV 99.69 S (18" RCP)

906 MANHOLE
SANITARY

907 MANHOLE
SANITARY

908 CATCH BASIN
GRATE ELEV 102.58
INV 99.84 E (15" RCP)

909 MANHOLE
RIM ELEV 103.22
INV 99.40 N (SIZE UNKNOWN)
INV 98.27 SE (6" PVC)
INV 98.88 W (15" RCP)

910 CURB INLET
RIM ELEV 103.57
INV 99.30 S (SIZE UNKNOWN)
INV 99.76 W (15" RCP)

911 CONCRETE FLUME

912 CONCRETE FLUME

913 CURB INLET
RIM ELEV 104.83
INV 100.00 N (18" RCP)
INV 100.17 E (18" RCP)

914 MANHOLE
RIM ELEV 105.05
INV 100.59 W (18" RCP)

915 MANHOLE
RIM ELEV 105.14
INV 100.03 N (18" RCP)
INV 99.96 S (18" RCP)

916 MES
INV 101.63 (15" RCP)

917 CURB INLET
RIM ELEV 104.21
INV 98.92 N (18" RCP)
INV 99.15 S (18" RCP)

917A CURB INLET
RIM ELEV 104.12
INV 98.34 W (18" RCP)
INV 98.86 S (18" RCP)

917B CURB INLET
RIM ELEV 104.49
INV 96.22 N (24" RCP)

917C CURB INLET
RIM ELEV 104.23
INV 98.32 N (18" RCP)
INV 98.14 E (18" RCP)
INV 98.78 S (18" RCP)

917D CATCH BASIN
INV 99.96 N (18" RCP)

918 CATCH BASIN
GRATE ELEV 103.59
INV 99.82 W (18" RCP)
INV 99.72 S (18" RCP)

919 CURB INLET
RIM ELEV 104.48
INV 95.73 N (24" RCP)
INV 95.69 S (24" RCP)

919A END TREATMENT
INV 96.42 S (24" RCP)

920 CURB INLET
RIM ELEV 104.24
INV 92.01 N (24" RCP)
BOT ELEV 92.59

921 END WALL
INV 93.50 (SIZE UNKNOWN)

922 END WALL
INV 92.68 (SIZE UNKNOWN)

923 CURB INLET
RIM ELEV 104.02
INV 97.47 W (18" RCP)
INV 98.36 N (18" RCP)

924 CURB INLET
RIM ELEV 103.99
INV 97.34 E (18" RCP)
INV 97.14 S (24" RCP)

925 CURB INLET
RIM ELEV 104.17
INV 98.87 S (18" RCP)

926 CURB INLET
GRATE ELEV 105.05
INV 101.88 N (18" RCP)

927 MES
INV 98.26 (48" RCP)

927A DIVIDER WALL
W/ 2 HOLES FOR FLOW

928 MES
INV 98.80 (36"X60" ERCP)

929 MES
INV 101.71 (30" RCP)

930 MANHOLE
RIM ELEV 106.30
INV 102.57 N (18" RCP)
INV 101.68 E (30" RCP)
INV 101.57 S (18" RCP)
INV 100.97 W (30" RCP)

931 MANHOLE
RIM ELEV 106.16
INV 101.82 S (18" RCP)

932 MANHOLE
RIM ELEV 105.25
INV 100.62 N (UNKNOWN)
INV 100.70 E (30" RCP)
INV 100.53 W (30" RCP)

933 MANHOLE
RIM ELEV 105.32
OVERFLOW
INV UNKNOWN (24" X42" RCP)

933A MANHOLE
RIM ELEV 105.71
INV 100.30 N (24"X42" ERCP)
INV 100.35 S (24"X42" ERCP)

933B MANHOLE
RIM ELEV 106.03
INV 101.00 N (18" RCP)
INV 102.17 E (6" CPP)
INV 100.90 W (18" RCP)

934 MANHOLE
RIM ELEV 105.63
INV 101.10 N (24" RCP)
INV 101.05 S (24" RCP)

934A MANHOLE
RIM ELEV 106.13
INV 101.21 E (18" RCP)
INV 101.83 S (24" RCP)

934B MANHOLE
RIM ELEV 107.01
INV 102.33 E (18" RCP)

934C MANHOLE
RIM ELEV 107.68
INV 102.16 E (18" RCP)

934D MANHOLE
RIM ELEV 106.85
INV 100.27 N (18" RCP)
INV 102.65 E (6" CPP)
INV 100.34 S (18" RCP)
INV 101.74 W (18" RCP)

934E MANHOLE
RIM ELEV 106.83
INV 95.24 E
INV 65.22 N

934F MANHOLE
RIM ELEV 106.73
INV 101.80 W (18" RCP)
INV 102.54 N (18" RCP)
BOTTOM 96.66

935 MANHOLE
RIM ELEV 104.86
INV UNKNOWN N (24" RCP)
INV 99.79 E (30" RCP)
INV 99.89 SW (48" RCP)

936 MANHOLE
RIM ELEV 105.55
INV 99.85 NE (48" RCP)
INV 99.87 S (36" RCP)
INV 99.75 W (48" RCP)

937 MANHOLE
RIM ELEV 106.50
INV 99.74 E (48" RCP)
INV 99.38 W (48" RCP)
INV 99.60 SW (36"X60" ERCP)

938 MANHOLE
RIM ELEV 106.50
INV 99.47 E (48" RCP)
INV 98.26 W (48" RCP)

939 CATCH BASIN
GRATE ELEV 108.18
INV 103.73 W (15" RCP)

940 CATCH BASIN
GRATE ELEV 107.18
INV 101.74 N (24" RCP)
INV 103.21 E (15" RCP)
INV 102.09 W (15" RCP)

941 CATCH BASIN
GRATE ELEV 106.39
INV 102.42 E (15" RCP)

942 CATCH BASIN
GRATE ELEV 103.78
INV 100.49 W (12" CPP)

943 CATCH BASIN
GRATE ELEV 103.40
INV 99.35 S (18" CPP)
INV 99.38 W (18" CPP)
INV UNKNOWN (12" CPP)

944 CATCH BASIN
GRATE ELEV 103.45
INV 99.39 N (18" CPP)
INV 99.39 W (18" CPP)

945 MANHOLE
INV UNKNOWN

946 CATCH BASIN
GRATE ELEV 103.78
INV 100.05 W (24" RCP)
INV 100.10 SE (24" RCP)

947 CATCH BASIN
GRATE ELEV 103.77
INV 100.22 E (24" RCP)
INV 100.06 W (24" RCP)

947A MANHOLE
RIM ELEV 104.43
INV 99.63 SW (15" RCP)
INV UNK N (18" RCP)

947B CATCH BASIN
GRATE ELV 104.25
INV 99.58 S (18" RCP)

947C END TREATMENT
INV 99.87 (24" RCP)

948 CATCH BASIN
INV UNKNOWN

949 CURN INLET
RIM ELEV 101.78
INV 98.81 E (6" PVC)
INV 97.59 W (18" RCP)

950 CONCRETE DRAIN

951 CONCRETE DRAIN

952 CURB INLET
RIM ELEV 103.09
INV 98.90 E (18" RCP)
INV 98.71 W (18" RCP)

953 CURB INLET
RIM ELEV 103.26
INV 98.68 E (18" RCP)
INV 98.95 N (15" RCP)
INV 98.69 W (18" RCP)

954 CURB INLET
RIM ELEV 101.50
INV 97.41 E (18" RCP)
INV 97.73 S (12" PVC)
INV 96.64 W (30" x 42" RCP)

955 CURB INLET
RIM ELEV 101.88
INV 96.51 E (30" x 42" RCP)
INV 96.57 W (30" x 42" RCP)

956 CURB INLET
RIM ELEV 102.60
INV 98.29 E (18" RCP)
INV 98.37 SW (18" RCP)
INV 97.90 W (24" RCP)

957 CATCH BASIN
INV UNKNOWN

958 CURB INLET
RIM ELEV 102.47
INV 96.27 E (30" x 42" RCP)
INV 96.69 S (12" PVC)
INV 96.51 W (36" RCP)

959 MANHOLE
RIM ELEV 103.29
INV 98.12 NE (18" RCP)

960 CATCH BASIN
GRATE ELEV 99.71
INV UNKNOWN
INV UNKNOWN

961 MANHOLE
INV UNKNOWN

962 CATCH BASIN
RIM ELEV 102.87
INV 98.90 E (18" RCP)

963 CATCH BASIN
RIM ELEV 103.87
INV 100.47 E (18" CPP)

964 CATCH BASIN
GRATE ELEV 103.82
INV 100.54 N (18" RCP)
INV 100.66 W (18" RCP)

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
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Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EXISTING DRAINAGE STRUCTURES (8)

SHEET NO. 28

965 CATCH BASIN
GRATE ELEV 104.48
INV 100.60 E (18" RCP)
INV 100.66 W (SIZE UNKNOWN)

966 CATCH BASIN
INV UNKNOWN

967 CURB INLET
RIM ELEV 103.181
INV 99.05 W (18" RCP)

968 END WALL
INV 93.00 SE (30" RCP)

969 CURB INLET
RIM ELEV 102.61
INV 96.37 E (36" RCP)
INV 96.28 W (36" RCP)

970 CURB INLET
RIM ELEV 103.05
INV 97.27 E (24" RCP)
INV 96.73 W (30" RCP)

971 CURB INLET
RIM ELEV 102.22
INV 96.05 N (36" RCP)
INV 96.21 E (36" RCP)
INV 97.84 W (18" RCP)

972 MANHOLE
RIM ELEV 102.61

973 MANHOLE
RIM ELEV 102.83
INV 96.59 E (30" RCP)
INV 96.91 S (36" RCP)
INV 86.27 W (36" RCP)

974 CURB INLET
RIM ELEV 102.61
INV 98.35 E (18" RCP)
INV 98.39 W (18" RCP)

975 CURB INLET
RIM ELEV 103.05
INV 95.90 E (36" RCP)
INV 96.07 W (36" RCP)

976 CURB INLET
RIM ELEV 102.61
INV 98.35 E (18" RCP)
INV 98.39 W (18" RCP)

977 CURB INLET
RIM ELEV 103.67
INV 95.88 E (40" RCP)
INV 95.78 W (40" RCP)

978 CATCH BASIN
GRATE ELEV 103.35
INV 98.69 N (18" RCP)
INV 98.99 S (18" CPP)

979 CATCH BASIN
GRATE ELEV 104.25
INV 98.23 N (24" RCP)
INV 100.49 W (18" CPP)

980 CATCH BASIN
GRATE ELEV 103.97
INV 99.84 N (24" RCP)
INV 100.02 S (18" RCP)

981 CATCH BASIN
RIM ELEV 103.95
INV 100.87 E (18" RCP)

988 MANHOLE
RIM ELEV 103.32
INV 99.05 E (24" RCP)
INV 99.02 W (24" RCP)

989 CATCH BASIN
GRATE ELEV 103.11
INV 99.27 E (24" RCP)
INV 99.47 W (24" RCP)

990 MANHOLE
RIM ELEV 102.97
BOTTOM ELEV 99.01

991 CATCH BASIN
GRATE ELEV 102.93
INV 98.61 E (18" RCP)

992 CATCH BASIN
GRATE ELEV 102.94
INV 97.27 N (36" RCP)
INV 97.28 S (24" RCP)
INV 97.45 W (18" RCP)

993 CATCH BASIN
GRATE ELEV 103.92
WEIR ELEV 104.41
INV 96.90 W (24" RCP)

994 MANHOLE
INV UNKNOWN

995 CONCRETE WEIR

996 ENDWALL
INV 98.71 E (18" RCP)

997 CATCH BASIN
GRATE ELEV 104.01
WEIR ELEV 104.19
WEIR SLOT ELEV 99.63
INV 98.84 W (18" RCP)

998 MES
INV 99.33 SE (24" RCP)

999 CATCH BASIN
GRATE ELEV 103.31
INV 100.06 E (15" RCP)
INV 99.56 S (24" RCP)
INV 99.63 NW (24" RCP)

1000 CATCH BASIN
GRATE ELEV 103.05
INV 99.70 W (15" RCP)

1001 MES
INV UNKNOWN

1002 CATCH BASIN
GRATE ELEV 103.19
INV 99.75 E (15" RCP)
INV 99.49 W (15" RCP)

1003 CATCH BASIN
GRATE ELEV 103.35
INV 99.88 W (15" RCP)

1004 MES
INV 99.60 E (18" RCP)

1005 CATCH BASIN
GRATE ELEV 103.71
INV 100.04 E (18" RCP)
INV 99.92 W (18" RCP)

1006 MES
INV 97.97 E (48" RCP)

1007 MANHOLE
RIM ELEV 104.51
INV 94.63 E (48" RCP)
INV 95.08 W (48" RCP)

1008 CATCH BASIN W/ SKIMMER
GRATE ELEV 101.70
INV 95.12 W (SIZE UNKNOWN)
INV 99.96 E (6" PVC)
INV 99.90 E (6" PVC)
INV 99.91 E (6" PVC)
INV 99.81 E (6" PVC)
INV 99.87 E (6" PVC)

1009 FES
INV 97.46 N (SIZE UNKNOWN)

1010 ENDWALL
INV 94.67 E (90" RCP)

1011 MANHOLE
RIM ELEV 105.47
INV 100.49 E (15" RCP)
INV 100.41 NW (15" RCP)

1112 MANHOLE
RIM ELEV 105.35
INV 100.52 W (15" RCP)
INV 101.85 NE (12" PVC)

1013 ENDWALL
INV 94.43 W (90" RCP)

1014 ENDWALL
INV 97.13 S (SIZE UNKNOWN)

1015 MANHOLE
RIM ELEV 105.03
INV 97.51 N (36" RCP)
INV 97.62 S (36" RCP)

1016 MANHOLE
RIM ELEV 104.88
INV 97.15 N (36" RCP)
INV 98.51 S (24" RCP)

1017 CATCH BASIN
GRATE ELEV 104.65
INV 97.91 N (24" RCP)
INV 97.93 W (24" RCP)

1018 MANHOLE
RIM ELEV 105.88
INV 98.33 E (18" RCP)
INV 98.47 W (18" RCP)

1019 FES
INV 96.87 E (SIZE UNKNOWN)

1020 MANHOLE
RIM ELEV 107.14
INV 98.84 NE (42" RCP)
INV 98.55 NW (42" RCP)

1021 MANHOLE
RIM ELEV 106.32
INV 96.99 N (UNKNOWN)
INV 96.96 S (24" RCP)

1022 MANHOLE
RIM ELEV 106.33
INV 97.22 N (24" RCP)
INV 97.08 S (18" RCP)

1023 MANHOLE
RIM ELEV 106.18
INV 97.00 N (18" RCP)
INV 97.00 W (18" RCP)
INV 97.00 SE (18" RCP)

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

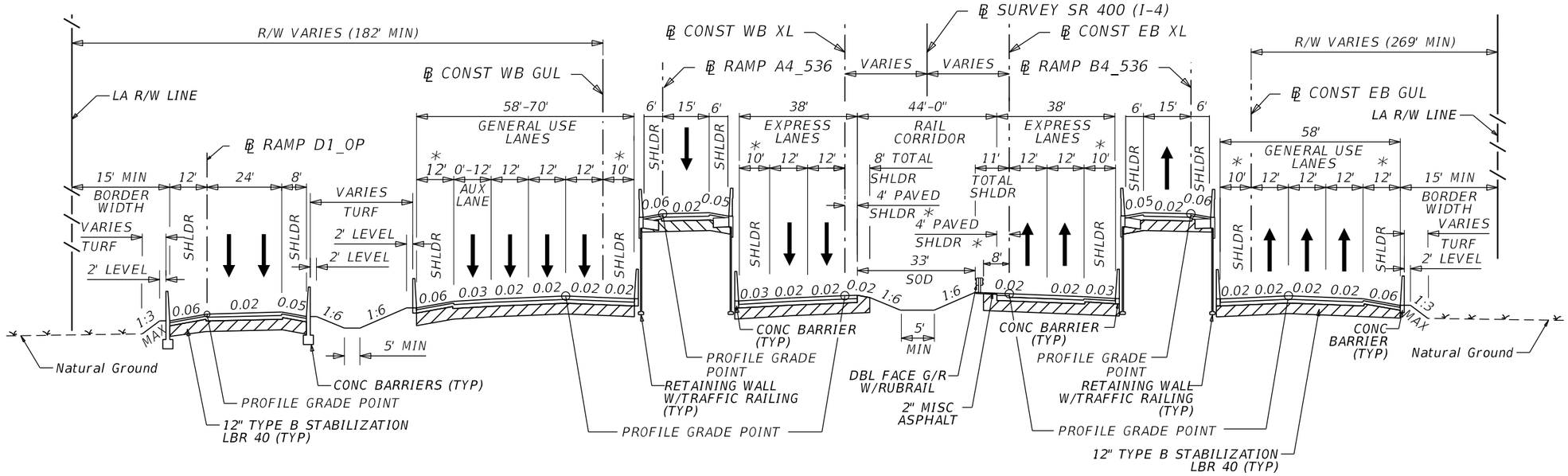
AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EXISTING DRAINAGE STRUCTURES (9)

SHEET NO. 29



TYPICAL SECTION #1

℄ CONST EB XL (I-4) STA. 1645+73.44 to STA. 1662+79.00

TYPICAL SECTION NOTES

GUL = GENERAL USE LANES (TYP)
XL = EXPRESS LANES (TYP)
C/D = COLLECTOR/DISTRIBUTOR (TYP)

NEW CONSTRUCTION GUL

OPTIONAL BASE GROUP 12 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC E) (4")
AND TYPE SP STRUCTURAL COURSE (TRAFFIC E) (2") (PG 76-22) IN TOP LAYERS
AND FRICTION COURSE FC-5 (¾") (PG 76-22)**

NEW CONSTRUCTION XL

OPTIONAL BASE GROUP 11 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (3")
AND TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2") (PG 76-22) IN TOP LAYER
AND FRICTION COURSE FC-5 (¾") (PG 76-22)**

SHOULDER PAVEMENT GUL

OPTIONAL BASE GROUP 05 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")

SHOULDER PAVEMENT XL

OPTIONAL BASE GROUP 02 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")

TRAFFIC DATA

ESTIMATED OPENING YEAR = 2020 AADT = 142,000
ESTIMATED DESIGN YEAR = 2040 AADT = 187,600
K = 7.4% D = 50% T = 16.3% (24 HOUR)
DESIGN HOUR T = 8.15%
DESIGN SPEED = 70 MPH

* WITH GROUND-IN RUMBLE STRIP

** INCLUDES 8 INCH OVERLAP ONTO ADJACENT PAVED SHOULDER LEFT AND RIGHT

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

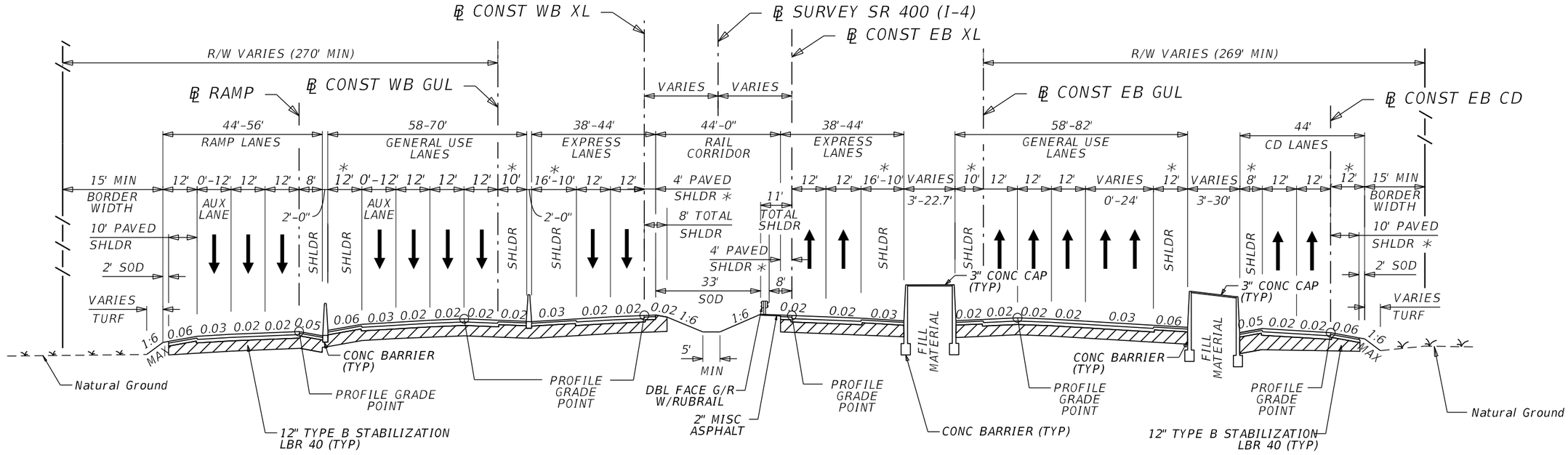
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR400 (I-4)
TYPICAL SECTION

SHEET NO. 30

glen.dvorovy 2/24/2021 8:04:07 PM c:\pwworking\aecom_na\glen.dvorovy\dms28328\TYPSRD01.DGN

PRELIMINARY: NOT FOR CONSTRUCTION



TYPICAL SECTION #2

℄ CONST EB XL (I-4) STA. 1662+79.00 to STA. 1711+47.00

NEW CONSTRUCTION GUL

OPTIONAL BASE GROUP 12 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC E) (4")
AND TYPE SP STRUCTURAL COURSE (TRAFFIC E) (2") (PG 76-22) IN TOP LAYERS
AND FRICTION COURSE FC-5 (¾") (PG 76-22)**

NEW CONSTRUCTION XL

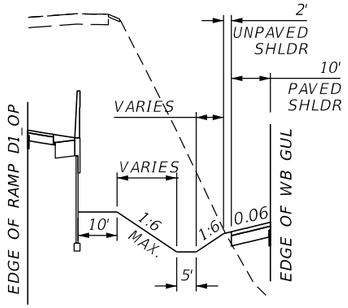
OPTIONAL BASE GROUP 11 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (3")
AND TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2") (PG 76-22) IN TOP LAYER
AND FRICTION COURSE FC-5 (¾") (PG 76-22)**

SHOULDER PAVEMENT GUL

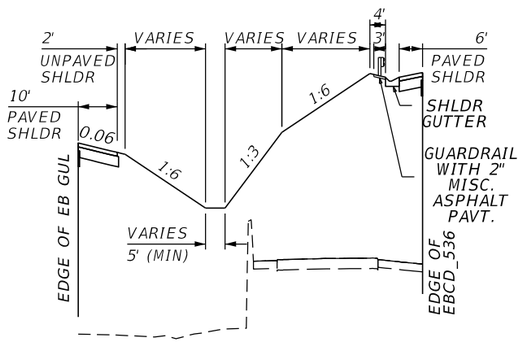
OPTIONAL BASE GROUP 05 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")

SHOULDER PAVEMENT XL

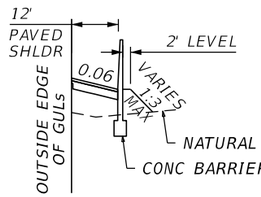
OPTIONAL BASE GROUP 02 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")



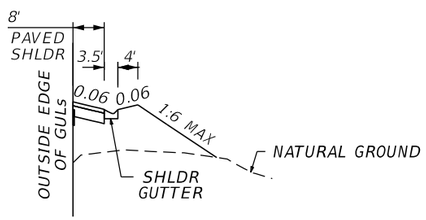
PARTIAL SECTION 2A
WB GUL SHOULDER LT
℄ CONST EB XL (I-4) STA 1668+10.15 TO 1678+10.71



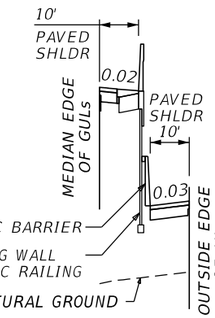
PARTIAL SECTION 2B
EB GUL SHOULDER RT
℄ CONST EB XL (I-4) STA 1672+29.25 TO 1680+50.73



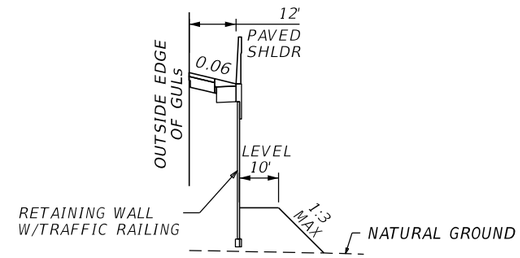
PARTIAL SECTION 2C
BARRIER WALL
℄ CONST EB XL (I-4) STA 1662+79.00 TO 1668+10.15 LT



PARTIAL SECTION 2D
SHOULDER GUTTER
℄ CONST EB XL (I-4) STA 1663+15.57 TO 1666+50.00 RT



PARTIAL SECTION 2F
RETAINING WALL
℄ CONST EB XL (I-4) STA 1704+42.77 TO 1711+47.00 LT
℄ CONST EB XL (I-4) STA 1705+30.32 TO 1711+47.00 RT



PARTIAL SECTION 2E
RETAINING WALL
℄ CONST EB XL (I-4) STA 1680+50.73 TO 1690+51.56 RT
℄ CONST EB XL (I-4) STA 1705+30.26 TO 1711+47.00 RT
℄ CONST EB XL (I-4) STA 1707+08.72 TO 1711+47.00 LT

* WITH GROUND-IN RUMBLE STRIP
** INCLUDES 8 INCH OVERLAP ONTO ADJACENT PAVED SHOULDERS LEFT AND RIGHT

TRAFFIC DATA

ESTIMATED OPENING YEAR = 2020 AADT = 142,000
ESTIMATED DESIGN YEAR = 2040 AADT = 187,600
K = 7.4% D = 50% T = 16.3% (24 HOUR)
DESIGN HOUR T = 8.15%
DESIGN SPEED = 70 MPH (I-4)
DESIGN SPEED = 60 MPH (CD-ROAD)

REVISIONS			
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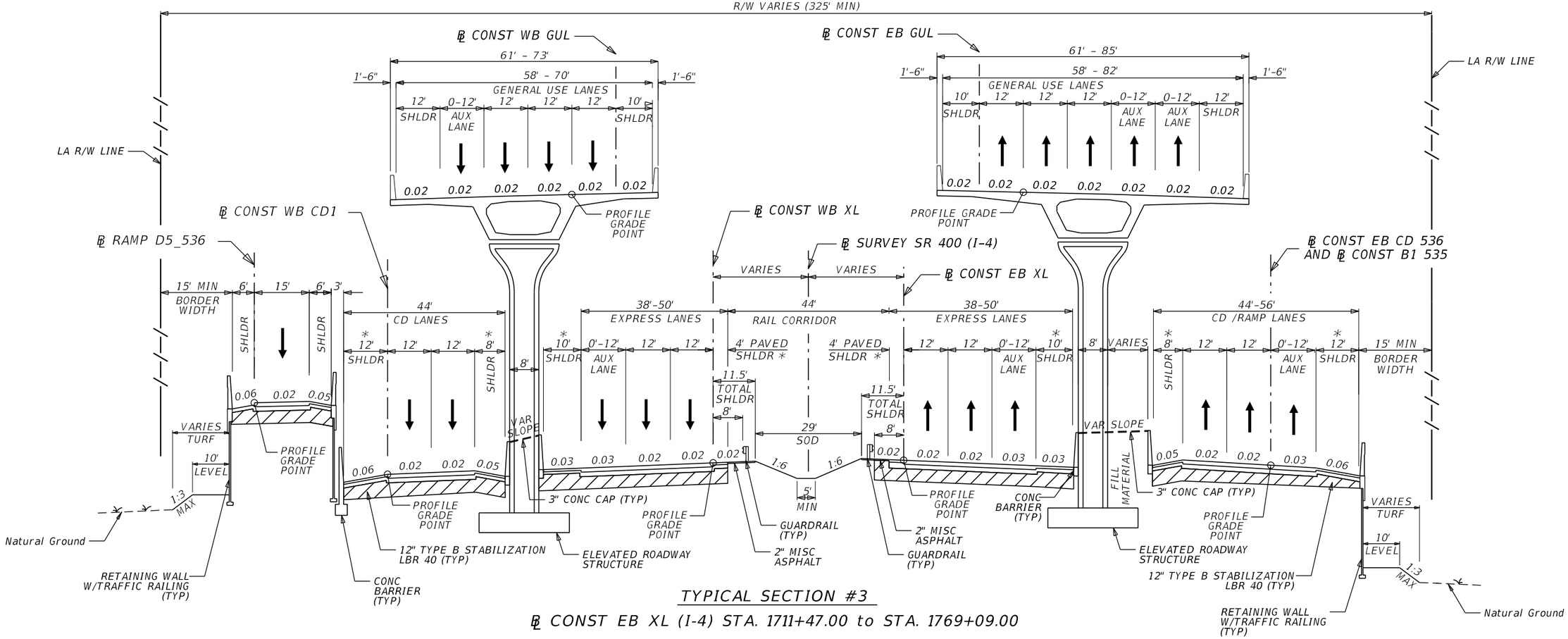
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
TYPICAL SECTION

SHEET NO. 31

PRELIMINARY: NOT FOR CONSTRUCTION



TYPICAL SECTION #3

℄ CONST EB XL (I-4) STA. 1711+47.00 to STA. 1769+09.00

NEW CONSTRUCTION GUL

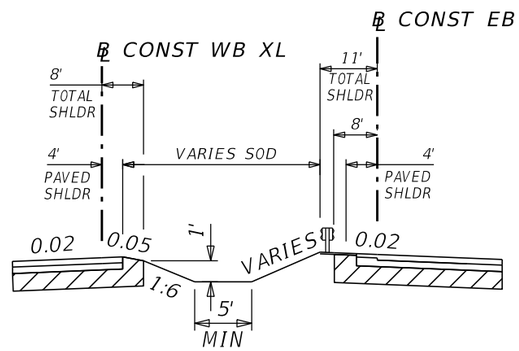
OPTIONAL BASE GROUP 12 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC E) (4")
AND TYPE SP STRUCTURAL COURSE (TRAFFIC E) (2") (PG 76-22) IN TOP LAYERS
AND FRICTION COURSE FC-5 (¾") (PG 76-22)**

SHOULDER PAVEMENT GUL

OPTIONAL BASE GROUP 05 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")

TRAFFIC DATA

ESTIMATED OPENING YEAR = 2020 AADT = 142,000
ESTIMATED DESIGN YEAR = 2040 AADT = 187,600
K = 7.4% D = 50% T = 16.3% (24 HOUR)
DESIGN HOUR T = 8.15%
DESIGN SPEED = 70 MPH (I-4)
DESIGN SPEED = 60 MPH (CD-ROAD)



PARTIAL SECTION 1A
TYPICAL DITCH SECTION
STA 1705+00.00 TO STA 1730+00.00

* WITH GROUND-IN RUMBLE STRIP

** INCLUDES 8 INCH OVERLAP ONTO ADJACENT PAVED SHOULDERS LEFT AND RIGHT

NEW CONSTRUCTION XL

OPTIONAL BASE GROUP 11 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (3")
AND TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2") (PG 76-22) IN TOP LAYER
AND FRICTION COURSE FC-5 (¾") (PG 76-22)**

SHOULDER PAVEMENT XL

OPTIONAL BASE GROUP 02 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")

NEW CONSTRUCTION CD

OPTIONAL BASE GROUP 12 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2")
AND TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2") (PG 76-22) IN TOP LAYER
AND FRICTION COURSE FC-5 (¾") (PG 76-22)**

SHOULDER PAVEMENT CD

OPTIONAL BASE GROUP 05 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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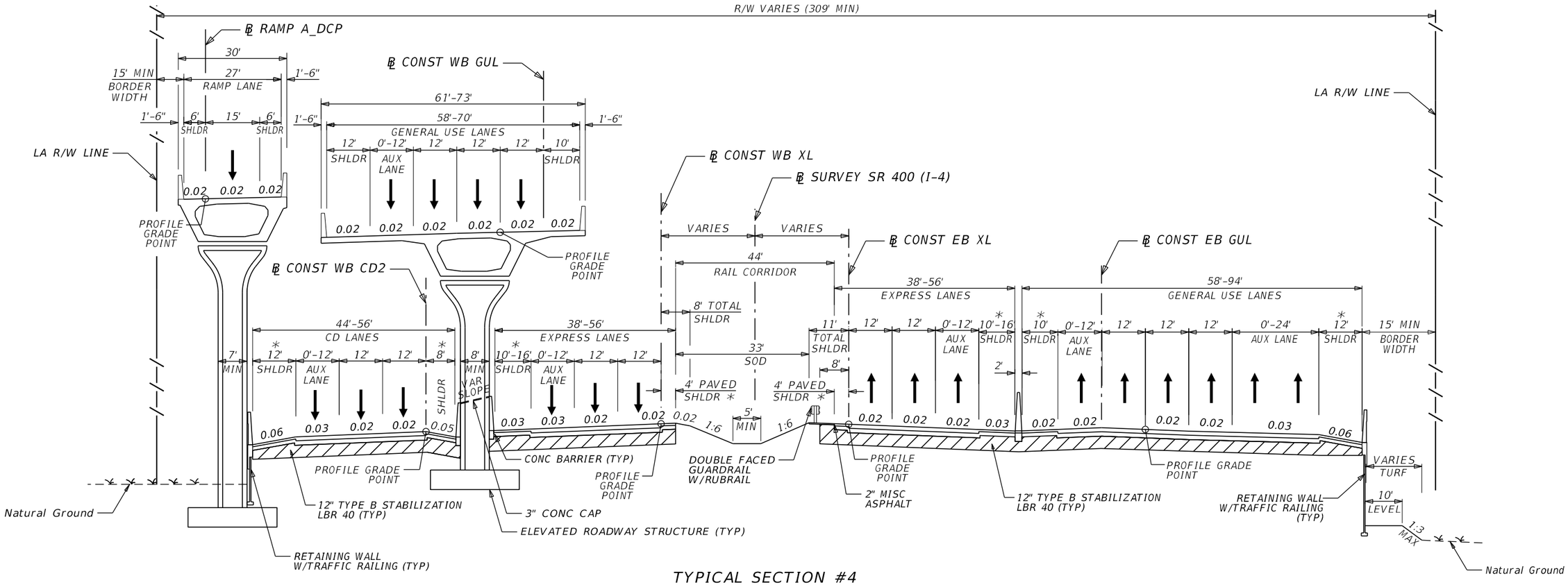
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
TYPICAL SECTION

SHEET NO. 32



TYPICAL SECTION #4

℄ CONST EB XL (I-4) STA. 1769+09.00 to STA. 1896+95.00

NEW CONSTRUCTION GUL

OPTIONAL BASE GROUP 12 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC E) (4")
AND TYPE SP STRUCTURAL COURSE (TRAFFIC E) (2") (PG 76-22) IN TOP LAYERS
AND FRICTION COURSE FC-5 (¾") (PG 76-22)**

NEW CONSTRUCTION XL

OPTIONAL BASE GROUP 11 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (3")
AND TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2") (PG 76-22) IN TOP LAYER
AND FRICTION COURSE FC-5 (¾") (PG 76-22)**

NEW CONSTRUCTION CD

OPTIONAL BASE GROUP 12 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2")
AND TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2") (PG 76-22) IN TOP LAYER
AND FRICTION COURSE FC-5 (¾") (PG 76-22)**

SHOULDER PAVEMENT GUL

OPTIONAL BASE GROUP 05 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")

SHOULDER PAVEMENT XL

OPTIONAL BASE GROUP 02 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")

SHOULDER PAVEMENT CD

OPTIONAL BASE GROUP 05 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")

TRAFFIC DATA

ESTIMATED OPENING YEAR = 2020 AADT = 142,000
ESTIMATED DESIGN YEAR = 2040 AADT = 187,600
K = 7.4% D = 50% T = 16.3% (24 HOUR)
DESIGN HOUR T = 8.15%
DESIGN SPEED = 70 MPH

* WITH GROUND-IN RUMBLE STRIP

** INCLUDES 8 INCH OVERLAP ONTO ADJACENT PAVED SHOULDER LEFT AND RIGHT

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
TYPICAL SECTION

SHEET NO. 33

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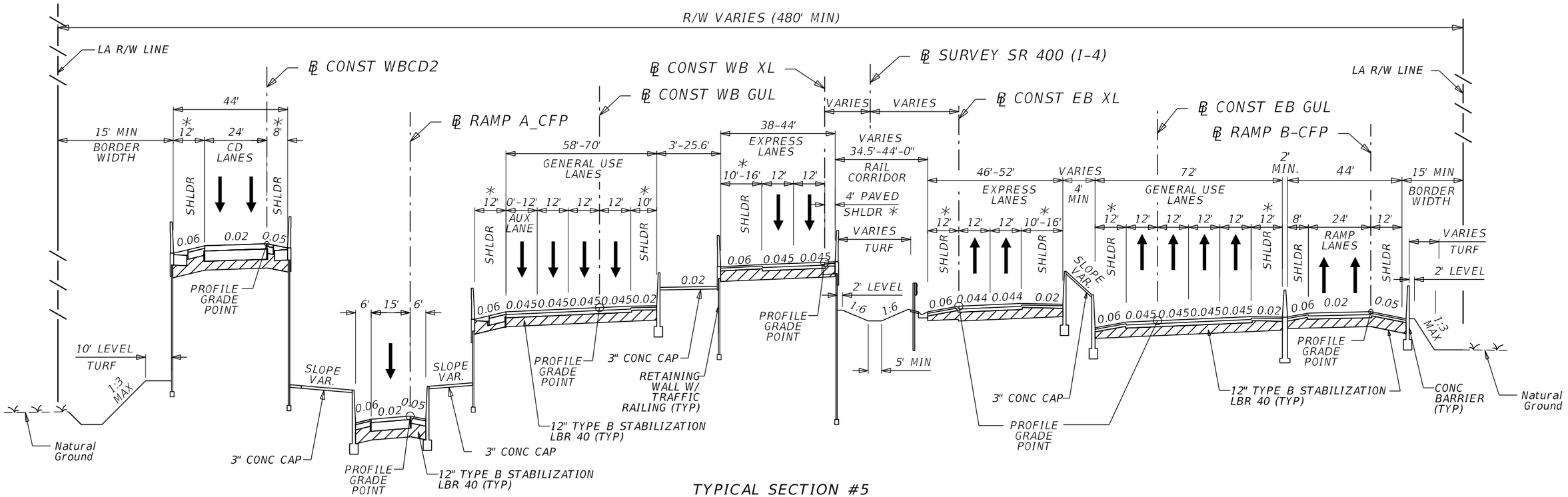

TYPICAL SECTION #5

℄ CONST EB XL (I-4) STA. 1896+95.00 to STA. 1936+00.00

NEW CONSTRUCTION GUL

OPTIONAL BASE GROUP 12 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC E) (4")
AND TYPE SP STRUCTURAL COURSE (TRAFFIC E) (2") (PG 76-22) IN TOP LAYERS
AND FRICTION COURSE FC-5 (¾") (PG 76-22)**

NEW CONSTRUCTION XL

OPTIONAL BASE GROUP 11 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (3")
AND TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2") (PG 76-22) IN TOP LAYER
AND FRICTION COURSE FC-5 (¾") (PG 76-22)**

NEW CONSTRUCTION CD

OPTIONAL BASE GROUP 12 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2")
AND TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2") (PG 76-22) IN TOP LAYER
AND FRICTION COURSE FC-5 (¾") (PG 76-22)**

SHOULDER PAVEMENT GUL

OPTIONAL BASE GROUP 05 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")

SHOULDER PAVEMENT XL

OPTIONAL BASE GROUP 02 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")

SHOULDER PAVEMENT CD

OPTIONAL BASE GROUP 05 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")

TRAFFIC DATA

ESTIMATED OPENING YEAR = 2020 AADT = 142,000
ESTIMATED DESIGN YEAR = 2040 AADT = 187,600
K = 7.4% D = 50% T = 16.3% (24 HOUR)
DESIGN HOUR T = 8.15%
DESIGN SPEED = 70 MPH (I-4)
DESIGN SPEED = 60 MPH (CD-ROAD)

* WITH GROUND-IN RUMBLE STRIP

** INCLUDES 8 INCH OVERLAP ONTO ADJACENT PAVED SHOULDERS LEFT AND RIGHT

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
TYPICAL SECTION

SHEET NO. 34

PRELIMINARY: NOT FOR CONSTRUCTION

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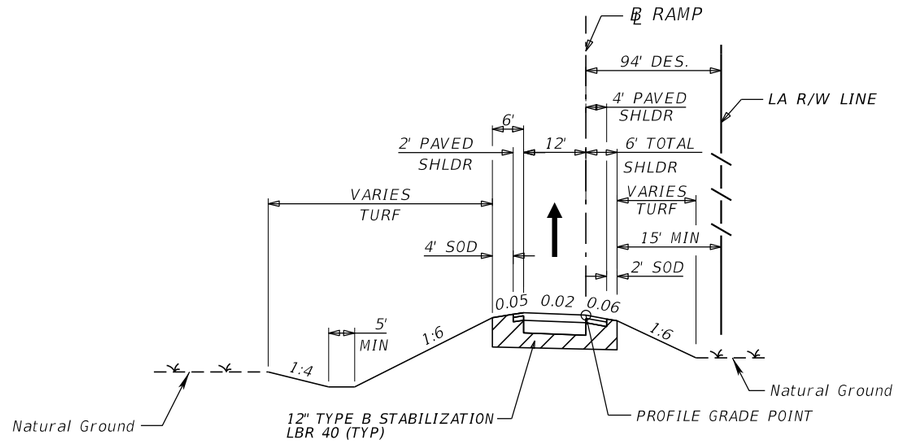
NEW CONSTRUCTION (LOW ESAL)

OPTIONAL BASE GROUP 11 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3") (PG 76-22) IN TOP LAYER
AND FRICTION COURSE FC-5 (¾") (PG 76-22)

SHOULDER PAVEMENT (LOW ESAL) *

OPTIONAL BASE GROUP 03 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1.5")

RAMP	STATIONS	MOVEMENT	DESIGN SPEED (MPH)
A1_536	300+00.00 - 342+25.14	EB_536 TO WB_I4_GUL	50
A2_536	435+24.29 - 447+82.52	EB_536 TO C1_536	50
A3_536	500+00.00 - 520+06.14	E1_536 TO EB_536	30
A4_536	597+90.70 - 624+94.76	A1_536 TO WB_I4_XL	50
A5_536	700+00.00 - 709+60.16	EB_I4_GUL TO EB_I4_XL	50
B1_536	817+91.10 - 825+77.56	EBCD_536 TO EB_536	50
B2_536	900+00.00 - 932+60.16	A2_536 TO C2_536	50
B3_536	1000+00.00 - 1025+11.70	A2_536 TO EB_I4_XL	50
B4_536	1100+00.00 - 1131+35.31	EB_I4_XL TO EBCD_536	50
C1_536	1198+64.79 - 1236+41.56	WB_536 TO EBCD_536	50
C2_536	1300+00.00 - 1311+46.94	C3_536 TO EB_I4_GUL	50
C3_536	1413+50.36 - 1421+55.89	WB_536 TO B3_536	50
C4_536	1500+00.00 - 1515+75.64	EBCD _536 TO WB_536	30
D2_536	1800+16.03 - 1832+47.98	WB_I4_XL TO D1_536	50
D3_536	1900+00.00 - 1922+38.73	WB_536 TO E1_536	30
D4_536	2000+00.00 - 2031+98.18	D1_536 TO E1_536	50
D5_536	1700+00.00 - 1726+21.58	WBCD_1 TO WB_I4_GUL	50
E1_536	2200+00.00 - 2216+19.96	D2_536 TO D1_OP	50
E1_536	2235+44.00 - 2254+42.30	D2_536 TO D1_OP	50
E2_536	2300+00.00 - 2312+78.64	E1_536 TO A1_536	50
A3_OP	532+71.76 - 540+07.38	EB_OP TO EB_I4_GUL	40-50
A1_535	2500+00.00 - 2515+16.12	SB_535 TO C3_535	45
B1_535	611+11.11 - 629+95.43	EB_CD TO NB_535	50-35
B2_535	700+00.00 - 722+04.82	EB_CD TO SB_535	50-30
B5_535	1600+00.00 - 1609+48.66	EB_I4_XL TO EB_I4_GUL	50
D1_535	1100+00.00 - 1139+90.00	WB_CD TO SB_535	60-35
D2_535	1200+00.00 - 1224+34.74	D1_535 TO NB_535	50-20
D3_535	1300+00.00 - 1312+37.42	WB_I4_XL TO WB_CD	50
D4_535	1400+00.00 - 1410+00.00	NB_535 TO WB_HOTEL_PLAZA	30
D_DCP	700+00.00 - 717+26.89	WB_CD TO DCP	20-50
A_CFP	100+00.00 - 118+66.13	EB_CFP TO WB_I4_GUL	25-50
C_CFP	300+00.00 - 338+38.50	WB_CFP TO WB_I4_GUL	50



TYPICAL SECTION #6
SR 400 (I-4) ONE LANE RAMP

NEW CONSTRUCTION (HIGH ESAL)

OPTIONAL BASE GROUP 11 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2")
AND TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2") (PG 76-22) IN TOP LAYERS
AND FRICTION COURSE FC-5 (¾") (PG 76-22)**

SHOULDER PAVEMENT (HIGH ESAL) *

OPTIONAL BASE GROUP 04 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")

RAMP	STATIONS	MOVEMENT	DESIGN SPEED (MPH)
A_DCP	400+00.00 - 486+47.57	DCP TO WB_I4_GUL	20-50
B_DCP	500+00.00 - 515+58.37	EB_I4_GUL TO DCP	20-50

TRAFFIC DATA

ESTIMATED OPENING YEAR = 2020 AADT = 15,810
ESTIMATED DESIGN YEAR = 2040 AADT = 19,410
K = 7.4% D = 100% T = 10.8% (24 HOUR)
DESIGN HOUR T = 5.4%

* RAMP SHOULDER PAVEMENT ADJACENT TO SHOULDER GUTTER AND LESS THAN 6 FEET IN WIDTH SHALL MATCH THE PAVEMENT TYPE AND DEPTH OF THE RAMP TRAVEL LANE.

** INCLUDES 8 INCH OVERLAP ONTO ADJACENT PAVED SHOULDERS LEFT AND RIGHT

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115 www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) RAMP TYPICAL SECTION

SHEET NO. 35

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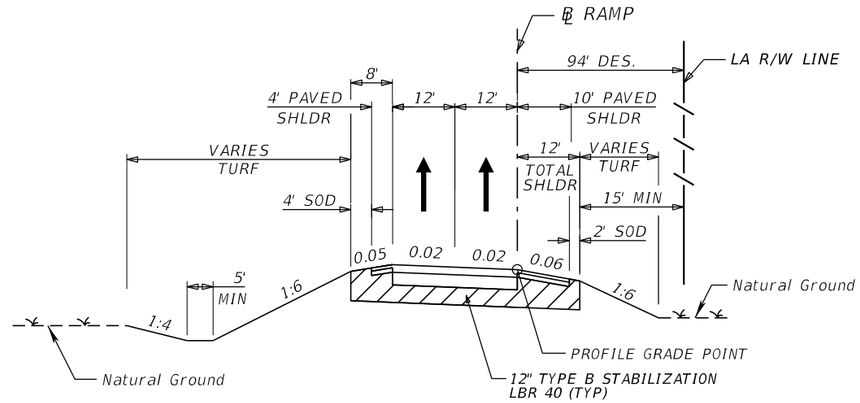

TYPICAL SECTION #7
SR 400 (I-4) TWO LANE RAMP

NEW CONSTRUCTION (LOW ESAL)

OPTIONAL BASE GROUP 10 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")
AND TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2") (PG 76-22) IN TOP LAYERS
AND FRICTION COURSE FC-5 (¾") (PG 76-22)**

SHOULDER PAVEMENT (LOW ESAL)

OPTIONAL BASE GROUP 03 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")

NEW CONSTRUCTION (HIGH ESAL)

OPTIONAL BASE GROUP 11 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2")
AND TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2") (PG 76-22) IN TOP LAYERS
AND FRICTION COURSE FC-5 (¾") (PG 76-22)**

SHOULDER PAVEMENT (HIGH ESAL)

OPTIONAL BASE GROUP 04 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")

RAMP	STATION	MOVEMENT	DESIGN SPEED (MPH)
A2_536	399+00.00 - 435+24.29	EB_536 TO C1_536	50
B1_536	800+00.00 - 817+91.10	EBCD_536 TO EB_536	50
B5_536	2400+00.00 - 2432+61.57	EB_I4 TO EBCD_536	50
C2_536	1311+46.94 - 1314+88.56	C3_536 TO EB_I4_GUL	50
C3_536	1403+20.87 - 1413+50.36	WB_536 TO B3_536	50
D1_536	1728+40.00 - 1765+14.20	WBCD_1 TO WB_536	50
E1_536	2216+19.96 - 2235+44.00	D2_536 TO D1_OP	50
A3_OP	540+07.38 - 555+13.45	EB_OP TO EB_I4_GUL	50
D1_OP	1013+51.35 - 1069+63.12	WB_I4_GUL TO WB_OP	50
A2_535	500+00.00 - 506+28.99	SB_535 TO C1_535	20
B1_535	600+00.00 - 611+11.11	EB_CD TO NB_535	50-35
B3_535	800+00.00 - 810+96.40	SB_535 TO EB_VINELAND	30-45
C1_535	900+00.00 - 925+66.92	NB_535 TO EB_I4_GUL	45-50
C3_535	300+00.00 - 312+16.20	NB_535 TO WB_CD1	20-50
D4_535	1410+00.00 - 1422+31.82	NB_535 TO WB_HOTEL_PLAZA	30
B_CFP	200+00.00 - 268+41.88	EB_I4_GUL TO CFP	50

RAMP	STATIONS	MOVEMENT	DESIGN SPEED (MPH)
C_DCP	600+00.00 - 619+22.48	DCP TO EB_I4_GUL	20-50

EXISTING RAMP (TO REMAIN)

MILL 2.25" RESURFACE WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1.5")
AND FRICTION COURSE FC-5 (¾") (PG 76-22)**

EXISTING SHOULDER (TO REMAIN)

MILL 1.5" RESURFACE WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1.5")

** INCLUDES 8 INCH OVERLAP ONTO ADJACENT PAVED SHOULDERS LEFT AND RIGHT

TRAFFIC DATA

ESTIMATED OPENING YEAR = 2020 AADT = 19,590
ESTIMATED DESIGN YEAR = 2040 AADT = 24,500
K = 7.4% D = 100% T = 10.8% (24 HOUR)
DESIGN HOUR T = 5.4%

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) RAMP
TYPICAL SECTION

SHEET NO. 36

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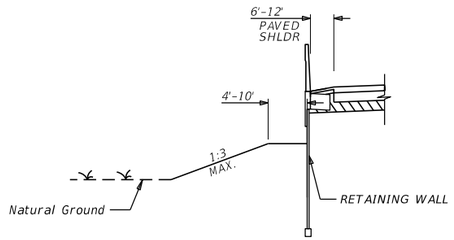
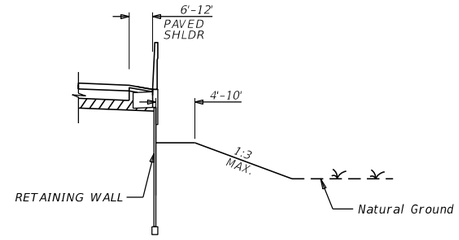


PARTIAL SECTION 6A & 7A

RETAINING WALL LT

℄ RAMP A1_536 STA 307+40 - 309+80
℄ RAMP A1_536 STA 322+46 - 337+50
℄ RAMP A2_536 STA 415+20 - 415+81
℄ RAMP A2_536 STA 431+90 - 433+09
℄ RAMP A2_536 STA 439+49 - 444+74
℄ RAMP A3_536 STA 500+00 - 500+47
℄ RAMP A4_536 STA 608+00 - 611+98
℄ RAMP B1_536 STA 804+79 - 811+24
℄ RAMP B2_536 STA 900+00 - 915+40
℄ RAMP B2_536 STA 917+92 - 918+69
℄ RAMP B2_536 STA 924+85 - 929+25
℄ RAMP B3_536 STA 1000+57 - 1002+74
℄ RAMP B3_536 STA 1004+89 - 1010+50
℄ RAMP B3_536 STA 1012+63 - 1015+26
℄ RAMP B3_536 STA 1019+45 - 1021+50
℄ RAMP B4_536 STA 1108+00 - 1118+25
℄ RAMP B4_536 STA 1126+97 - 1130+00
℄ RAMP B5_536 STA 2414+50 - 2417+61
℄ RAMP B5_536 STA 2421+51 - 2422+60
℄ RAMP C1_536 STA 1210+00 - 1217+50
℄ RAMP C2_536 STA 1300+62 - 1306+51
℄ RAMP C3_536 STA 1414+63 - 1421+56
℄ RAMP D1_536 STA 1740+50 - 1761+60
℄ RAMP D3_536 STA 1915+20 - 1922+39
℄ RAMP D4_536 STA 2007+00 - 2010+74
℄ RAMP D4_536 STA 2014+24 - 2019+80
℄ RAMP D5_536 STA 1713+97 - 1726+22
℄ RAMP E1_536 STA 2200+00 - 2208+80
℄ CONST EBCD_536 STA 5029+50 - 5039+50
℄ RAMP A3_OP STA 532+72 - 541+00
℄ RAMP D1_OP STA 1017+83 - 1050+05
℄ RAMP B1_535 STA 620+00 - 625+72
℄ RAMP B2_535 STA 716+14 - 720+51
℄ RAMP C3_535 STA 300+00 - 307+22
℄ RAMP D1_535 STA 1104+02 - 1107+48
℄ RAMP D1_535 STA 1118+85 - 1139+90
℄ RAMP D2_535 STA 1204+50 - 1210+50
℄ RAMP D4_535 STA 1405+27 - 1418+35
℄ CONST WBCD1 STA 6028+59 - 6042+25
℄ CONST WBCD1 STA 6047+48 - 6051+32
℄ CONST WBCD1 STA 6055+05 - 6076+64
℄ RAMP A_DCP STA 474+16 - 485+72
℄ RAMP B_DCP STA 513+30 - 514+72
℄ RAMP C_DCP STA 600+89 - 604+02
℄ RAMP C_DCP STA 610+85 - 613+20
℄ RAMP D_DCP STA 700+71 - 707+80
℄ CONST WBCD2 STA 7000+00 - 7040+80
℄ CONST WBCD2 STA 7100+50 - 7110+64
℄ RAMP C_CFP STA 300+00 - 313+22



PARTIAL SECTION 6B & 7B

RETAINING WALL RT

℄ RAMP A1_536 STA 307+40 - 309+80
℄ RAMP A1_536 STA 322+46 - 323+23
℄ RAMP A2_536 STA 415+01 - 423+50
℄ RAMP A2_536 STA 433+07 - 433+33
℄ RAMP A2_536 STA 436+01 - 437+41
℄ RAMP A2_536 STA 439+24 - 442+37
℄ RAMP A4_536 STA 608+00 - 611+98
℄ RAMP B1_536 STA 800+00 - 806+00
℄ RAMP B2_536 STA 914+80 - 915+49
℄ RAMP B2_536 STA 917+94 - 918+89
℄ RAMP B2_536 STA 924+73 - 927+52
℄ RAMP B3_536 STA 1004+50 - 1008+00
℄ RAMP B3_536 STA 1015+00 - 1015+26
℄ RAMP B3_536 STA 1019+46 - 1022+50
℄ RAMP B4_536 STA 1111+00 - 1118+25
℄ RAMP B5_536 STA 2403+85 - 2417+61
℄ RAMP B5_536 STA 2421+50 - 2432+62
℄ RAMP C1_536 STA 1235+00 - 1236+42
℄ RAMP C2_536 STA 1301+15 - 1308+19
℄ RAMP C3_536 STA 1417+40 - 1419+39
℄ RAMP C4_536 STA 1513+50 - 1515+76
℄ RAMP D1_536 STA 1759+85 - 1760+50
℄ RAMP D4_536 STA 2006+80 - 2010+74
℄ RAMP D4_536 STA 2014+25 - 2031+98
℄ RAMP D5_536 STA 1713+97 - 1721+25
℄ RAMP E2_536 STA 2300+00 - 2306+60
℄ CONST EBCD_536 STA 5024+50 - 5029+55
℄ CONST EBCD_536 STA 5034+35 - 5039+50
℄ CONST EBCD_536 STA 5080+97 - 5090+10
℄ RAMP A3_OP STA 532+72 - 534+00
℄ RAMP D1_OP STA 1045+78 - 1052+83
℄ RAMP B1_535 STA 607+50 - 614+83
℄ RAMP B2_535 STA 708+40 - 722+05
℄ RAMP C1_535 STA 910+20 - 921+93
℄ RAMP D1_535 STA 1104+02 - 1107+48
℄ RAMP D1_535 STA 1118+85 - 1124+10
℄ RAMP D3_535 STA 1300+00 - 1304+05
℄ RAMP D4_535 STA 1400+00 - 1401+00
℄ RAMP D4_535 STA 1402+61 - 1418+35
℄ CONST WBCD1 STA 6050+76 - 6051+32
℄ CONST WBCD1 STA 6055+05 - 6055+50
℄ CONST WBCD1 STA 6062+45 - 6063+21
℄ CONST WBCD1 STA 6069+45 - 6076+64
℄ RAMP A_DCP STA 474+16 - 485+62
℄ RAMP B_DCP STA 506+40 - 514+83
℄ RAMP C_DCP STA 600+76 - 604+02
℄ RAMP C_DCP STA 610+85 - 614+00
℄ RAMP D_DCP STA 700+89 - 707+80
℄ CONST WBCD2 STA 7101+00 - 7110+64
℄ RAMP B_CFP STA 213+60 - 244+00
℄ RAMP C_CFP STA 308+95 - 313+22

NOTE: STATIONS ARE APPROXIMATE

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) RAMP TYPICAL SECTION

SHEET NO. 37

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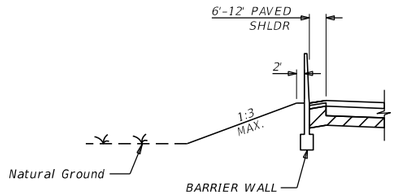
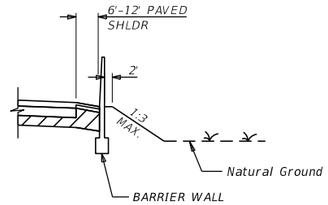


PARTIAL SECTION 6C & 7C

BARRIER WALL LT

℄ RAMP A1_536 STA 300+00 - 307+40
℄ RAMP A2_536 STA 437+53 - 437+64
℄ RAMP A4_536 STA 597+91 - 608+00
℄ RAMP A5_536 STA 700+00 - 704+64
℄ RAMP B3_536 STA 1021+50 - 1022+11
℄ RAMP B4_536 STA 1107+07 - 1108+00
℄ RAMP B5_536 STA 2411+37 - 2414+50
℄ RAMP B5_536 STA 2422+60 - 2423+55
℄ RAMP C2_536 STA 1300+00 - 1300+62
℄ RAMP C3_536 STA 1411+00 - 1413+50
℄ RAMP D1_536 STA 1739+00 - 1740+50
℄ RAMP D1_536 STA 1761+60 - 1765+14
℄ RAMP D2_536 STA 1819+50 - 1832+48
℄ RAMP D4_536 STA 2019+80 - 2022+98
℄ RAMP E2_536 STA 2303+28 - 2306+00
℄ CONST EBCD_536 STA 5039+50 - 5063+30
℄ CONST EBCD_536 STA 5066+41 - 5099+24
℄ RAMP A3_OP STA 541+00 - 547+43
℄ RAMP C_OP STA 907+05 - 909+57
℄ RAMP D1_OP STA 1055+34 - 1058+00
℄ RAMP D1_OP STA 1064+00 - 1069+63
℄ RAMP B1_535 STA 600+00 - 609+00
℄ RAMP B1_535 STA 625+72 - 628+39
℄ RAMP B5_535 STA 1604+94 - 1609+49
℄ RAMP C1_535 STA 912+76 - 914+39
℄ RAMP C3_535 STA 307+22 - 307+83
℄ RAMP D3_535 STA 1304+05 - 1312+37
℄ CONST WBCD1 STA 6014+28 - 6023+62
℄ CONST WBCD1 STA 6046+44 - 6047+48
℄ RAMP C_DCP STA 613+20 - 614+91
℄ CONST WBCD2 STA 7040+80 - 7062+00
℄ RAMP A_CFP STA 100+00 - 116+37
℄ RAMP B_CFP STA 210+70 - 267+93



PARTIAL SECTION 6D & 7D

BARRIER WALL RT

℄ RAMP A1_536 STA 305+10 - 307+40
℄ RAMP A1_536 STA 326+51 - 337+12
℄ RAMP A2_536 STA 402+77 - 403+50
℄ RAMP A4_536 STA 605+13 - 608+00
℄ RAMP A5_536 STA 704+58 - 709+60
℄ RAMP B3_536 STA 1002+25 - 1002+43
℄ RAMP B3_536 STA 1022+50 - 1026+25
℄ RAMP B4_536 STA 1107+29 - 1111+00
℄ RAMP B4_536 STA 1126+96 - 1127+90
℄ RAMP C1_536 STA 1226+95 - 1235+00
℄ RAMP D1_536 STA 1741+05 - 1750+87
℄ RAMP D1_536 STA 1760+50 - 1765+14
℄ RAMP D2_536 STA 1818+00 - 1820+93
℄ RAMP D2_536 STA 1827+00 - 1828+44
℄ RAMP D4_536 STA 2006+18 - 2006+80
℄ RAMP E1_536 STA 2205+28 - 2248+40
℄ CONST EBCD_536 STA 5043+80 - 5045+18
℄ CONST EBCD_536 STA 5065+66 - 5067+70
℄ CONST EBCD_536 STA 5069+80 - 5072+00
℄ CONST EBCD_536 STA 5097+18 - 5099+24
℄ RAMP A3_OP STA 534+00 - 535+13
℄ RAMP A3_OP STA 544+15 - 548+60
℄ RAMP D1_OP STA 1020+72 - 1031+42
℄ RAMP D1_OP STA 1041+08 - 1045+78
℄ RAMP D1_OP STA 1052+83 - 1059+09
℄ RAMP D2_OP STA 1124+87 - 1127+16
℄ RAMP B1_535 STA 600+00 - 607+50
℄ RAMP B1_535 STA 614+83 - 628+39
℄ RAMP B5_535 STA 1600+00 - 1605+09
℄ RAMP C3_535 STA 304+16 - 306+31
℄ RAMP D1_535 STA 1131+56 - 1139+90
℄ RAMP D2_535 STA 1204+00 - 1210+50
℄ RAMP D2_535 STA 1221+60 - 1224+35
℄ RAMP D3_535 STA 1304+05 - 1308+84
℄ CONST WBCD1 STA 6014+28 - 6050+76
℄ CONST WBCD1 STA 6055+50 - 6062+45
℄ CONST WBCD1 STA 6067+27 - 6069+45
℄ RAMP B_DCP STA 500+00 - 506+40
℄ RAMP C_DCP STA 614+00 - 619+22
℄ CONST WBCD2 STA 7000+00 - 7082+60
℄ CONST WBCD2 STA 7084+60 - 7101+00
℄ RAMP A_CFP STA 107+13 - 117+84
℄ RAMP B_CFP STA 206+20 - 213+60
℄ RAMP B_CFP STA 244+00 - 267+70
℄ RAMP C_CFP STA 305+55 - 308+95

NOTE: STATIONS ARE APPROXIMATE

PRELIMINARY: NOT FOR CONSTRUCTION

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) RAMP TYPICAL SECTION

SHEET NO. 38

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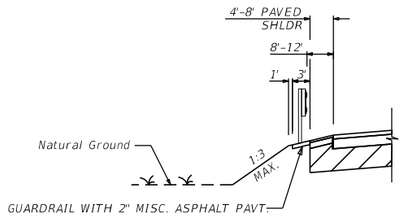
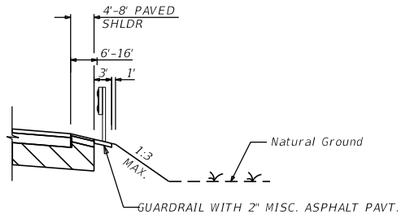


PARTIAL SECTION 6E & 7E

GUARDRAIL LT

℄ RAMP B1_536 STA 825+78 - 832+89
℄ RAMP B1_535 STA 609+00 - 611+11
℄ RAMP B2_535 STA 700+00 - 701+10

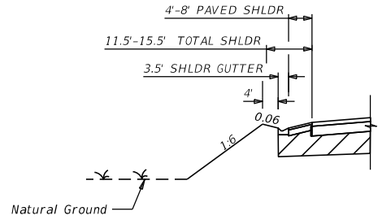


PARTIAL SECTION 6F & 7F

GUARDRAIL RT

℄ RAMP A2_536 STA 406+41 - 409+37
℄ RAMP A2_536 STA 423+50 - 433+07
℄ RAMP D_DCP STA 707+80 - 709+33

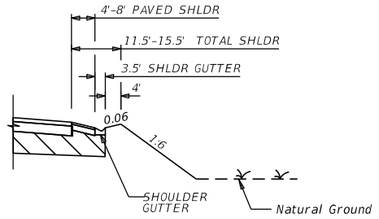
NOTE: STATIONS ARE APPROXIMATE



PARTIAL SECTION 6G & 7G

SHOULDER GUTTER LT

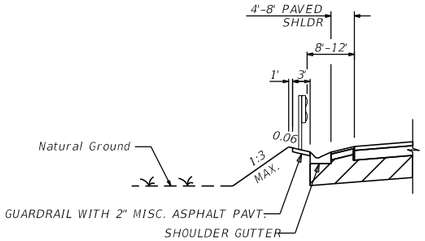
℄ RAMP A2_536 STA 399+00 - 406+33
℄ RAMP A2_536 STA 425+80 - 431+90
℄ RAMP A3_536 STA 508+80 - 520+06
℄ RAMP B1_536 STA 811+24 - 823+56
℄ RAMP D2_536 STA 1808+00 - 1819+50
℄ RAMP D3_536 STA 1900+00 - 1915+20
℄ RAMP D4_536 STA 2000+00 - 2007+00
℄ RAMP E1_536 STA 2216+20 - 2219+39
℄ RAMP E1_536 STA 2220+93 - 2231+10
℄ RAMP E1_536 STA 2232+94 - 2235+44
℄ RAMP E1_536 STA 2241+55 - 2249+62
℄ RAMP E2_536 STA 2310+40 - 2312+79
℄ CONST EBCD_536 STA 5063+30 - 5066+41
℄ RAMP A3_OP STA 547+43 - 551+00
℄ RAMP D1_OP STA 1058+00 - 1064+00
℄ RAMP B1_535 STA 615+99 - 620+00
℄ RAMP B2_535 STA 707+82 - 716+14
℄ RAMP B_DCP STA 506+92 - 511+82
℄ RAMP D_DCP STA 710+71 - 717+27
℄ CONST WBCD2 STA 7062+00 - 7065+05
℄ CONST WBCD2 STA 7070+49 - 7100+50



PARTIAL SECTION 6H & 7H

SHOULDER GUTTER RT

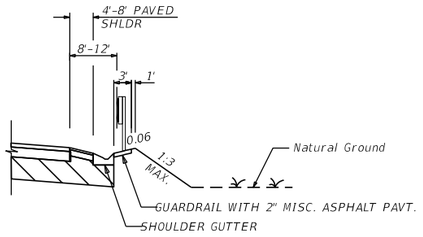
℄ RAMP B1_536 STA 806+00 - 825+78
℄ RAMP C1_536 STA 1210+00 - 1226+95
℄ RAMP C3_536 STA 1403+21 - 1417+40
℄ RAMP D1_536 STA 1720+00 - 1720+69
℄ RAMP D2_536 STA 1800+16 - 1813+90
℄ CONST EBCD_536 STA 5045+18 - 5055+22
℄ CONST EBCD_536 STA 5090+10 - 5097+18



PARTIAL SECTION 6I & 7I

GUARDRAIL W/ SHOULDER GUTTER LT

℄ RAMP A2_536 STA 406+33 - 409+50
℄ RAMP A3_536 STA 500+47 - 508+80
℄ RAMP B1_536 STA 823+56 - 825+78
℄ RAMP B4_536 STA 1130+00 - 1131+35
℄ RAMP B5_536 STA 2427+04 - 2432+62
℄ RAMP E2_536 STA 2306+00 - 2310+40
℄ CONST EBCD_536 STA 5024+50 - 5029+50
℄ RAMP B_DCP STA 511+82 - 513+30
℄ RAMP D_DCP STA 707+80 - 710+71



PARTIAL SECTION 6J & 7J

GUARDRAIL W/ SHOULDER GUTTER RT

℄ RAMP B3_536 STA 1008+00 - 1015+00
℄ RAMP C4_536 STA 1500+00 - 1513+50
℄ CONST EBCD_536 STA 5039+50 - 5043+80
℄ CONST EBCD_536 STA 5055+22 - 5058+51
℄ RAMP A3_OP STA 540+07 - 544+15
℄ RAMP C_OP STA 908+56 - 914+40

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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AECOM TECHNICAL SERVICES, Inc.
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) RAMP TYPICAL SECTION

SHEET NO. 39

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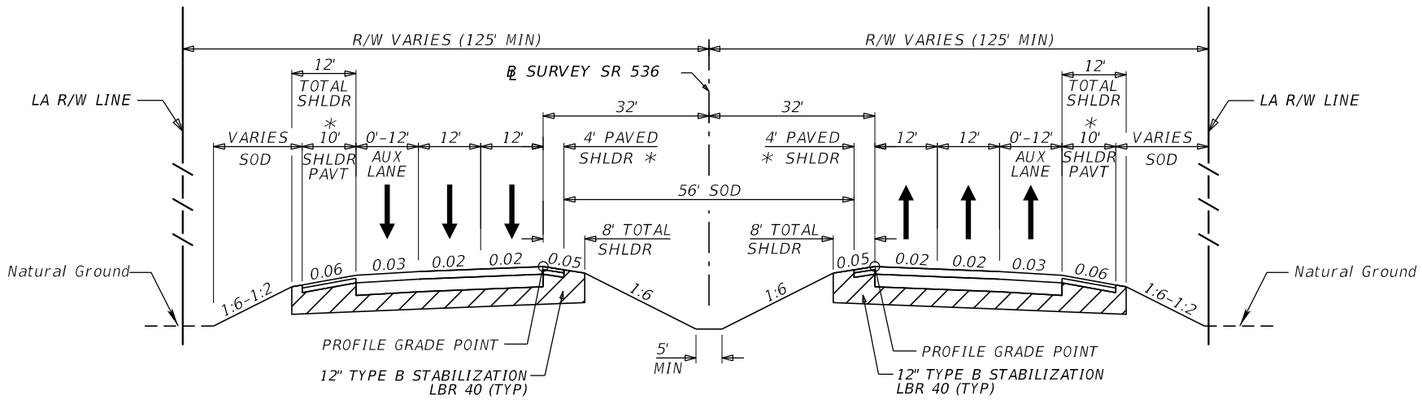

TYPICAL SECTION #8

℄ SURVEY SR 536 STA. 117+36.00 to STA. 148+59.96

NEW CONSTRUCTION

OPTIONAL BASE GROUP 11 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3.5")
AND FRICTION COURSE FC-5 ($\frac{3}{4}$") (PG 76-22)**

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 01 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")

TRAFFIC DATA

ESTIMATED OPENING YEAR = 2020 AADT = 66,100
ESTIMATED DESIGN YEAR = 2040 AADT = 83,290
K = 7.4% D = 50% T = 5.4% (24 HOUR)
DESIGN HOUR T = 2.7%
DESIGN SPEED = 60 MPH

* WITH GROUND-IN RUMBLE STRIP

** INCLUDES 8 INCH OVERLAP ONTO ADJACENT PAVED SHOULDERS LEFT AND RIGHT

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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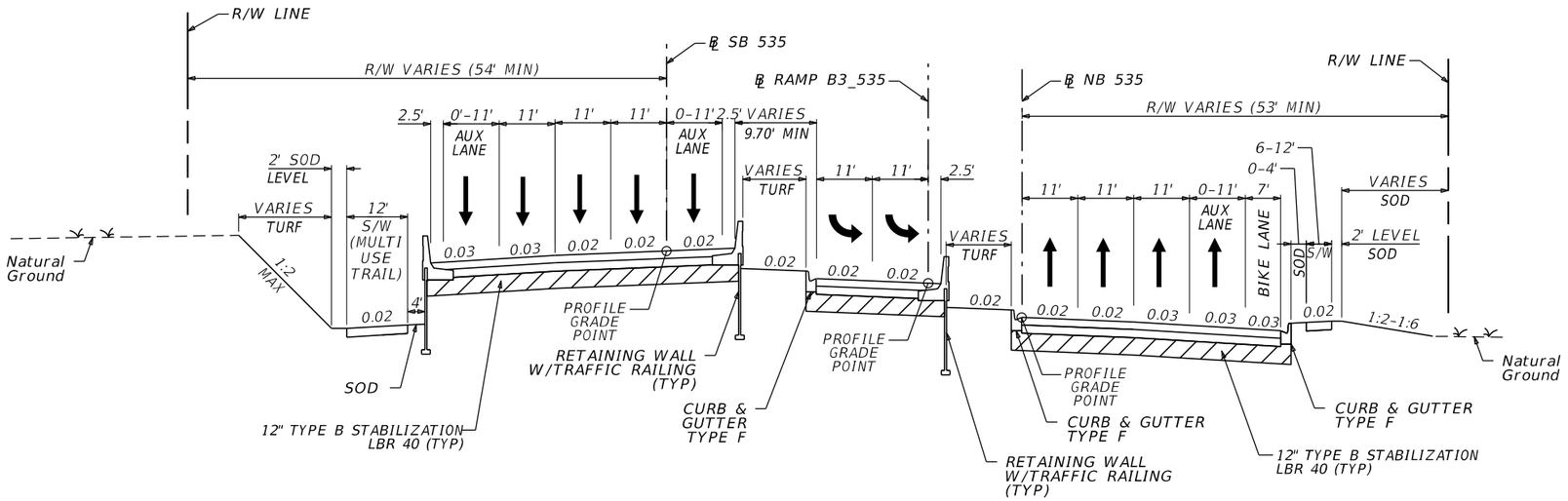
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
TYPICAL SECTION

SHEET NO. 40



TYPICAL SECTION #9

℄ NB 535 STA. 104+46.10 to STA. 126+36.95

NEW CONSTRUCTION

OPTIONAL BASE GROUP 09 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2.5")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

TRAFFIC DATA

ESTIMATED OPENING YEAR = 2020 AADT = 66,450
ESTIMATED DESIGN YEAR = 2040 AADT = 86,810
K = 7.4% D = 50% T = 5% (24 HOUR)
DESIGN HOUR T = 2.5%
DESIGN SPEED = 45 MPH

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
TYPICAL SECTION

SHEET NO. 41

PRELIMINARY: NOT FOR CONSTRUCTION

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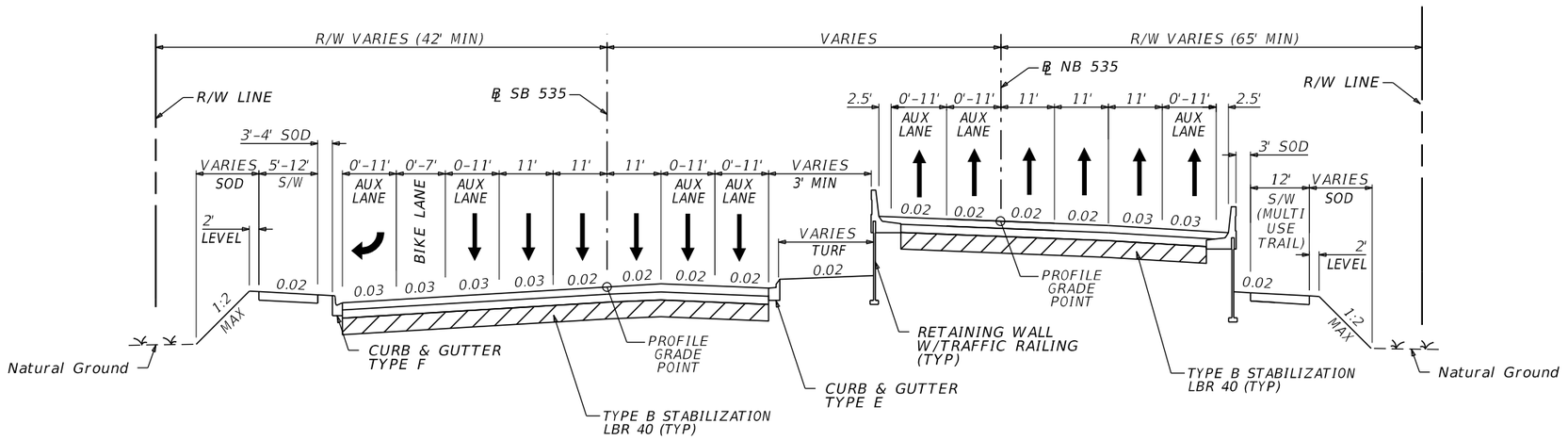

TYPICAL SECTION #10

℄ NB 535 STA. 126+36.95 to STA. 160+00.00

NEW CONSTRUCTION - BLACK BASE

OPTIONAL BASE GROUP 09 (TYPE B-12.5) WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (5.5")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

TRAFFIC DATA

ESTIMATED OPENING YEAR = 2020 AADT = 66,450
ESTIMATED DESIGN YEAR = 2040 AADT = 86,810
K = 7.4% D = 50% T = 5% (24 HOUR)
DESIGN HOUR T = 2.5%
DESIGN SPEED = 45 MPH

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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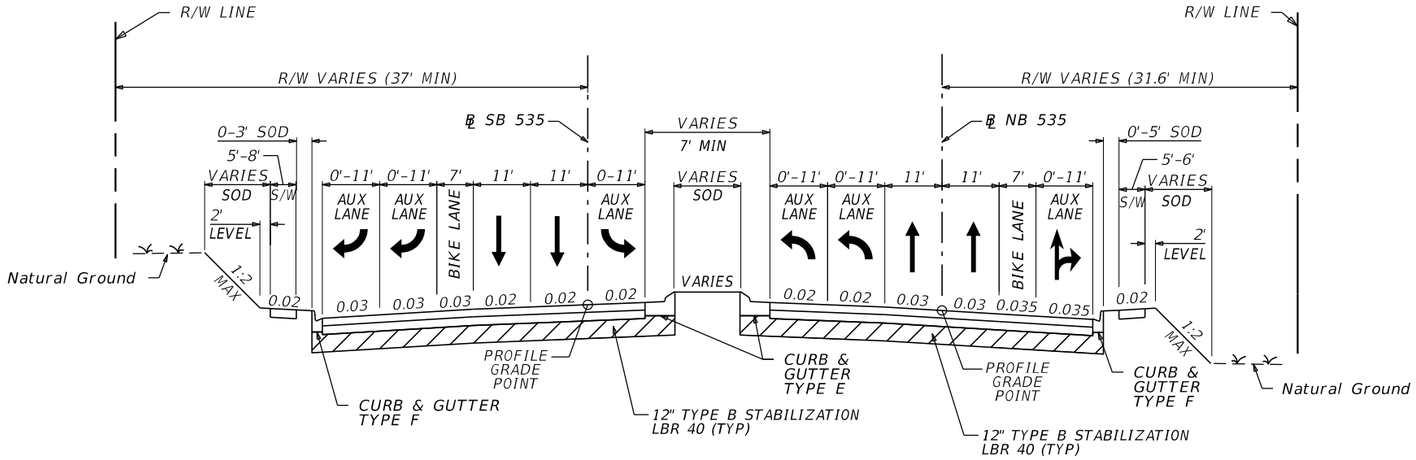
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
TYPICAL SECTION

SHEET NO. 42



TYPICAL SECTION #11

℄ NB 535 STA. 160+00.00 to STA. 186+80.70

NEW CONSTRUCTION

OPTIONAL BASE GROUP 09 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2.5")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

TRAFFIC DATA

ESTIMATED OPENING YEAR = 2020 AADT = 66,450
ESTIMATED DESIGN YEAR = 2040 AADT = 86,810
K = 7.4% D = 50% T = 5% (24 HOUR)
DESIGN HOUR T = 2.5%
DESIGN SPEED = 45 MPH

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
TYPICAL SECTION

SHEET NO. 43

PRELIMINARY: NOT FOR CONSTRUCTION

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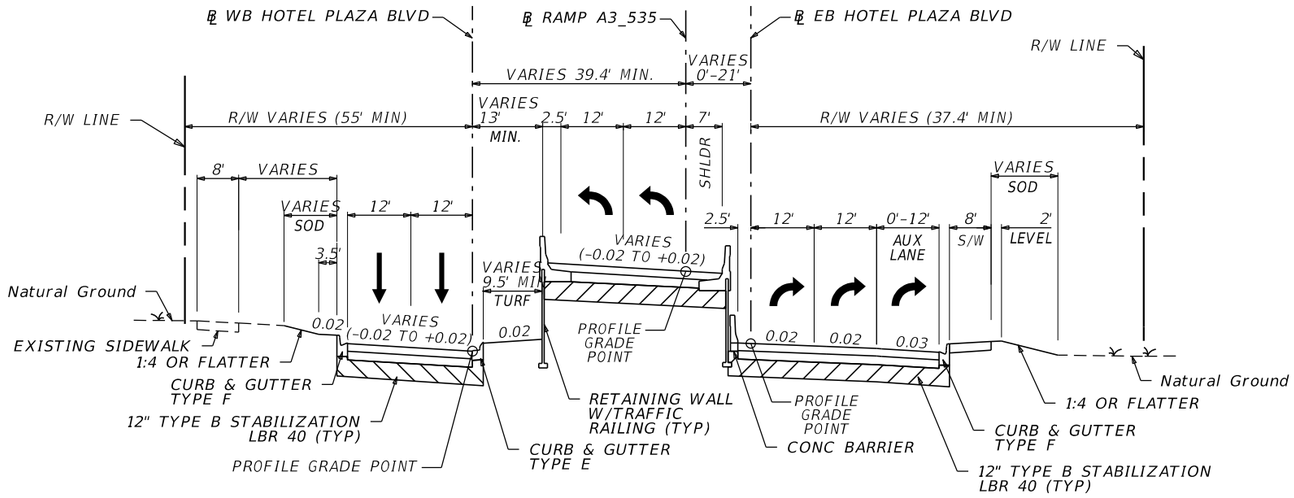

TYPICAL SECTION #12

℄ EB HOTEL PLAZA BLVD. STA. 1802+66.45 to STA. 1818+62.10

NEW CONSTRUCTION

OPTIONAL BASE GROUP 09 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1.5")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

TRAFFIC DATA

ESTIMATED OPENING YEAR = 2020 AADT = 26,600
ESTIMATED DESIGN YEAR = 2040 AADT = 31,810
K = 7.4% D = 50% T = 5% (24 HOUR)
DESIGN HOUR T = 2.5%
DESIGN SPEED = 35 MPH

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

HOTEL PLAZA BLVD.
TYPICAL SECTION

SHEET NO. 44

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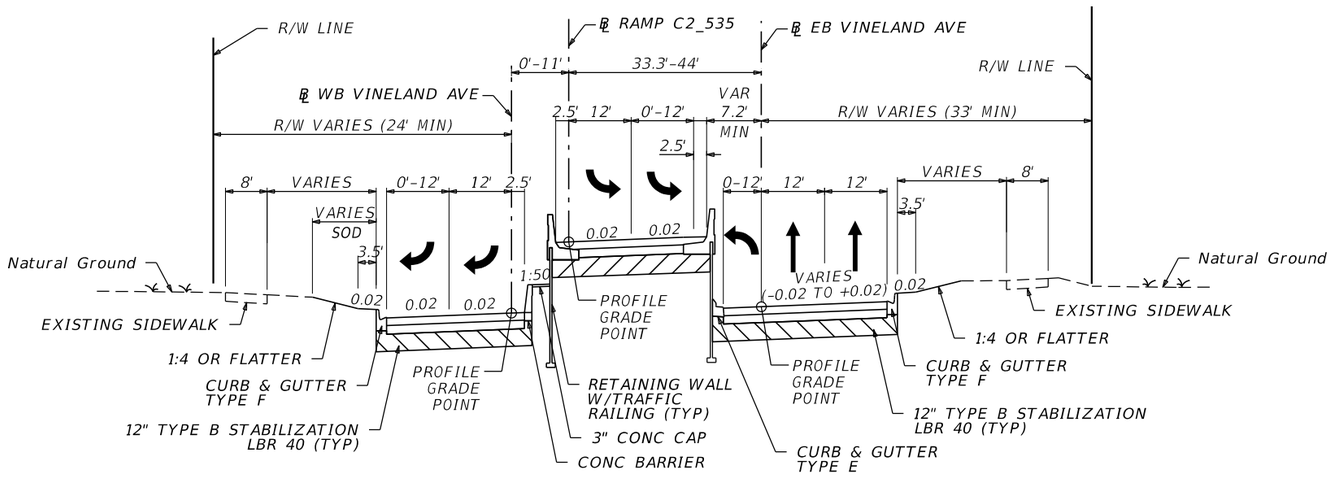
PRELIMINARY: NOT FOR CONSTRUCTION



TYPICAL SECTION #13

℄ EB VINELAND AVE STA. 1500+50.70 to STA. 1508+59.10

NEW CONSTRUCTION

OPTIONAL BASE GROUP 07 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

TRAFFIC DATA

ESTIMATED OPENING YEAR = 2020 AADT = 25,520
ESTIMATED DESIGN YEAR = 2040 AADT = 31,440
K = 7.4% D = 50% T = 4.4% (24 HOUR)
DESIGN HOUR T = 2.2%
DESIGN SPEED = 35PH

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

VINELAND AVE
TYPICAL SECTION

SHEET NO. 45

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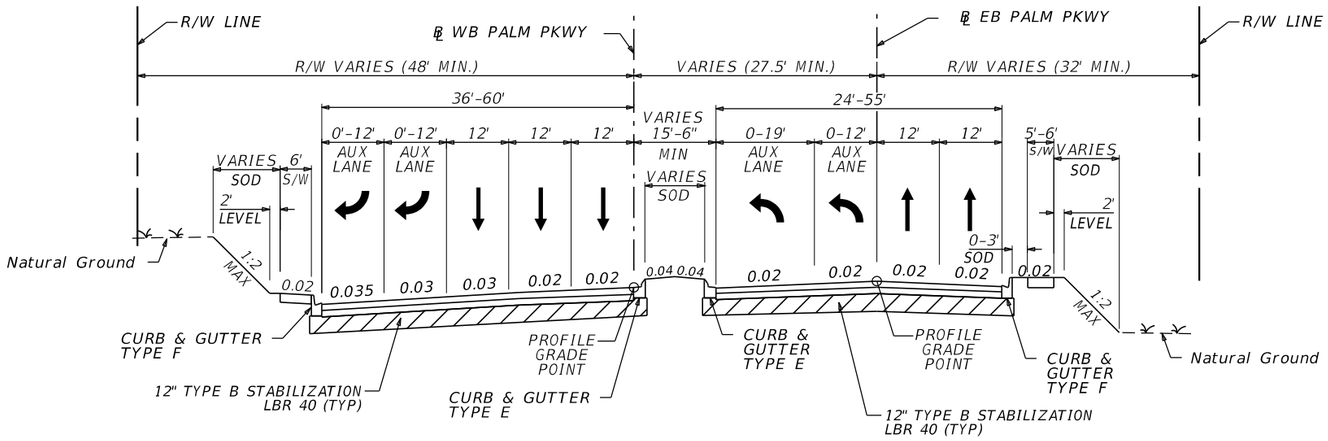

TYPICAL SECTION #14

℄ EB PALM PKWY STA. 2000+29.84 to STA. 2017+85.30

NEW CONSTRUCTION

OPTIONAL BASE GROUP 09 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

TRAFFIC DATA

ESTIMATED OPENING YEAR = 2020 AADT = 35,700
ESTIMATED DESIGN YEAR = 2040 AADT = 49,100
K = 7.4% D = 50% T = 5% (24 HOUR)
DESIGN HOUR T = 2.5%
DESIGN SPEED = 35 MPH

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PARKWAY
TYPICAL SECTION

SHEET NO. 46

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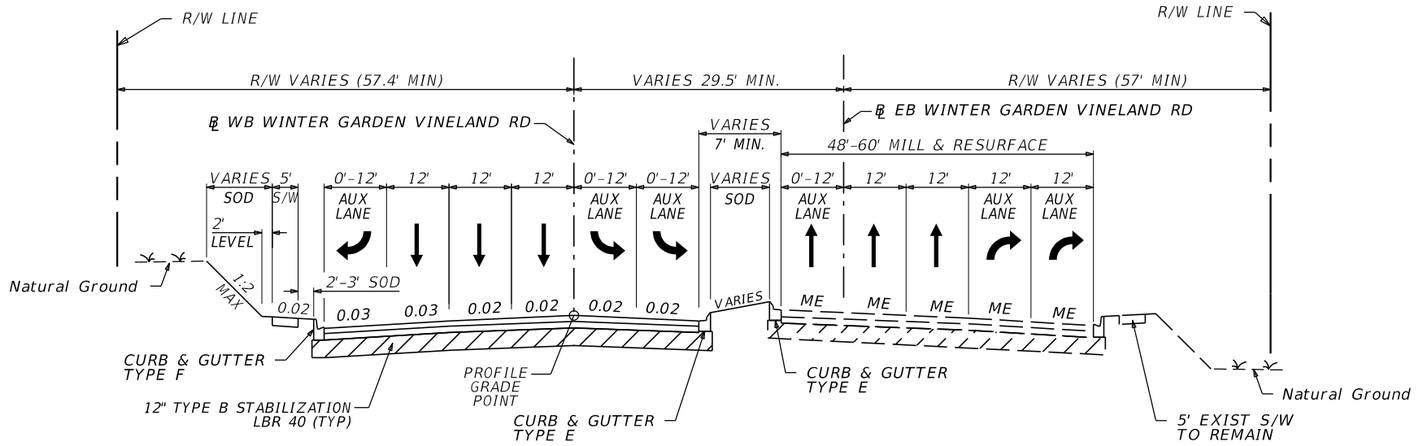

TYPICAL SECTION #15

℄ EB WINTER GARDEN VINELAND RD STA. 2207+43.99 to STA. 2215+69.85

NEW CONSTRUCTION

OPTIONAL BASE GROUP 09 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

MILL & RESURFACE (EB TRAVEL & AUX LANES)

MILL 1.5" AND RESURFACE WITH
FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

TRAFFIC DATA

ESTIMATED OPENING YEAR = 2020 AADT = 33,490
ESTIMATED DESIGN YEAR = 2040 AADT = 46,520
K = 7.4% D = 50% T = 5% (24 HOUR)
DESIGN HOUR T = 2.5%
DESIGN SPEED = 45 MPH

ME = MATCH EXISTING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WINTER GARDEN VINELAND
TYPICAL SECTION

SHEET NO. 47

PRELIMINARY: NOT FOR CONSTRUCTION

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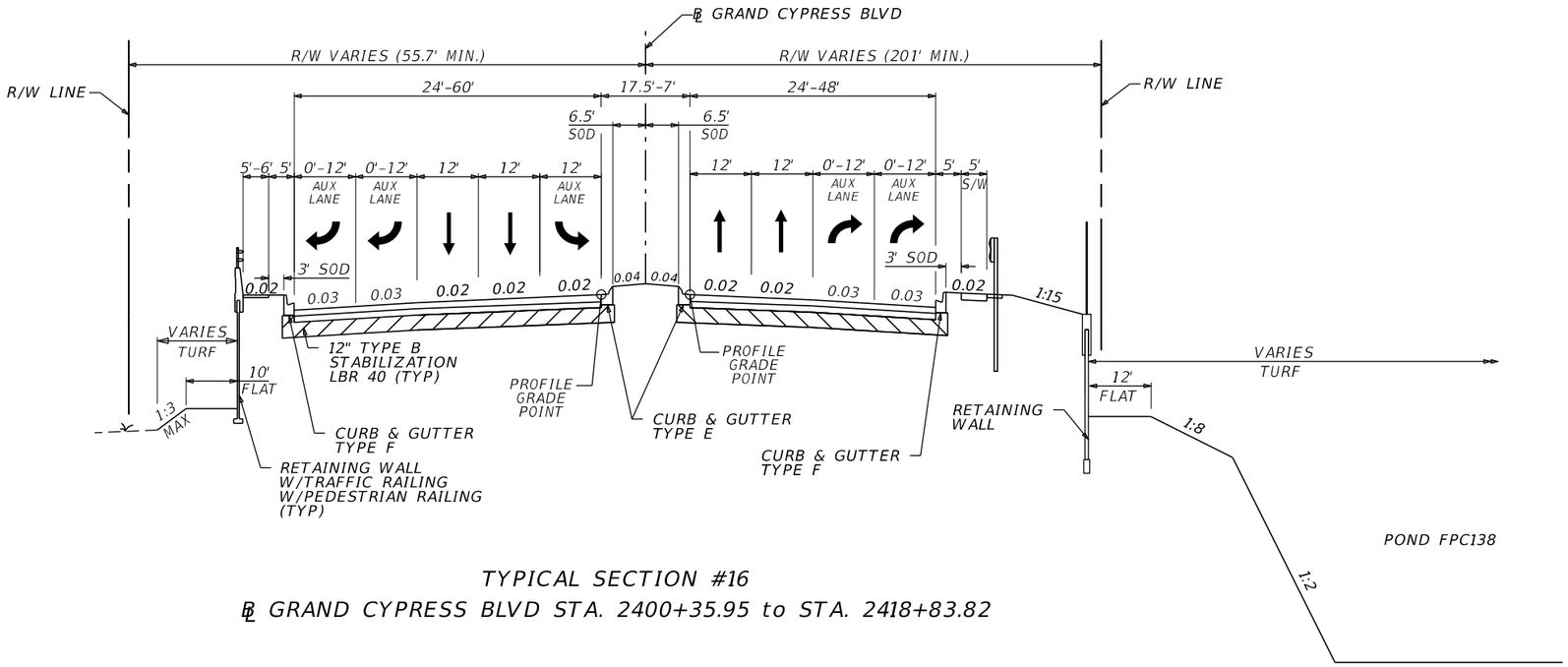

TYPICAL SECTION #16

℄ GRAND CYPRESS BLVD STA. 2400+35.95 to STA. 2418+83.82

NEW CONSTRUCTION

OPTIONAL BASE GROUP 09 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

NEW CONSTRUCTION - BLACK BASE

OPTIONAL BASE GROUP 09 (TYPE B-12.5) WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4.5")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

TRAFFIC DATA

ESTIMATED OPENING YEAR = 2020 AADT = 35,700
ESTIMATED DESIGN YEAR = 2040 AADT = 49,100
K = 7.4% D = 50% T = 5% (24 HOUR)
DESIGN HOUR T = 2.5%
DESIGN SPEED = 25-40 MPH

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

GRAND CYPRESS BLVD TYPICAL SECTION

SHEET NO. 48

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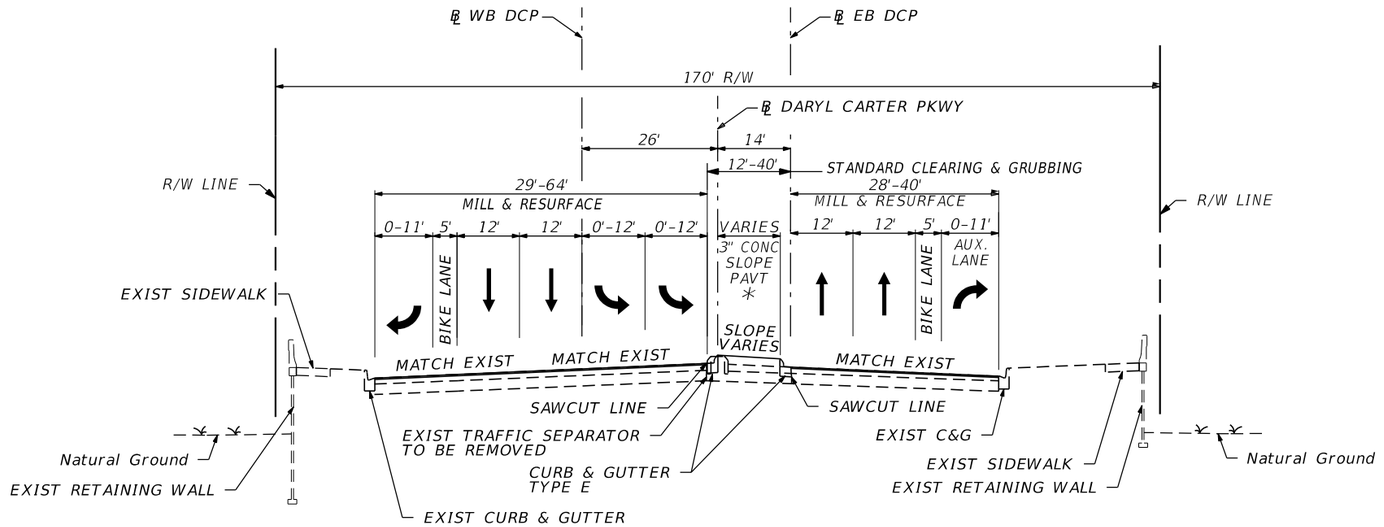

* TRAFFIC SEPARATOR FROM STA 104+17.70 TO ISTA 106+34.03

TYPICAL SECTION #17

℄ DARYL CARTER PKWY STA. 104+14.91 to STA. 109+70.77

MILL & RESURFACE

MILL 1.5" AND RESURFACE
WITH FRICTION COURSE (FC-12.5) (TRAFFIC C) (1.5") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 2017 AADT = 29,560
ESTIMATED OPENING YEAR = 2020 AADT = 31,290
ESTIMATED DESIGN YEAR = 2040 AADT = 37,390
K = 7.4% D = 53.66% T = 10.8% (24 HOUR)
DESIGN HOUR T = 5.4%
DESIGN SPEED = 40 MPH

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DARYL CARTER PKWY
TYPICAL SECTION

SHEET NO. 49

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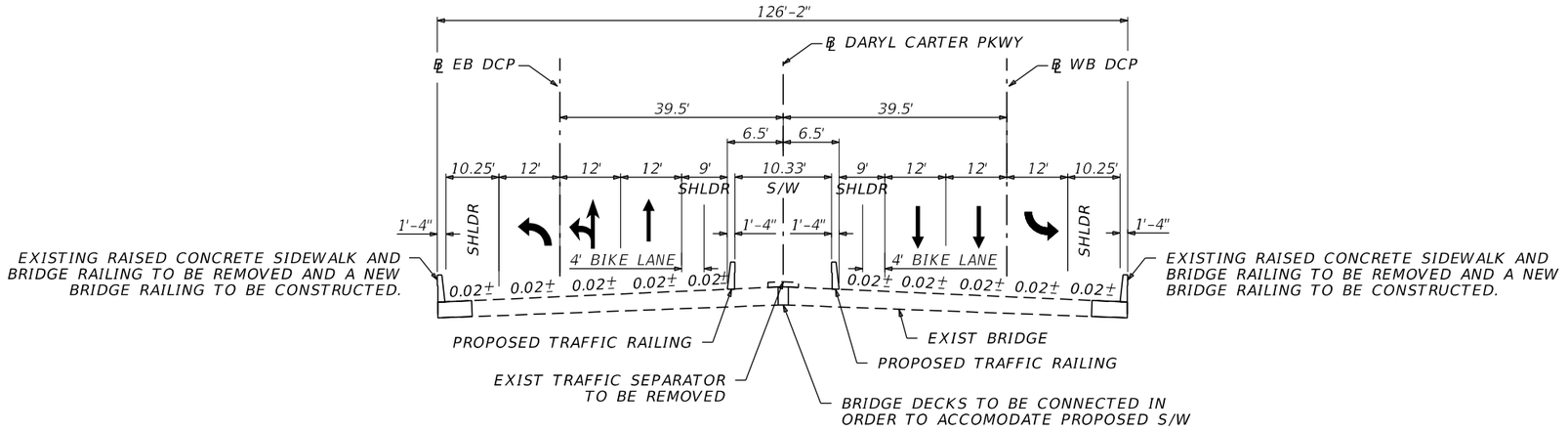
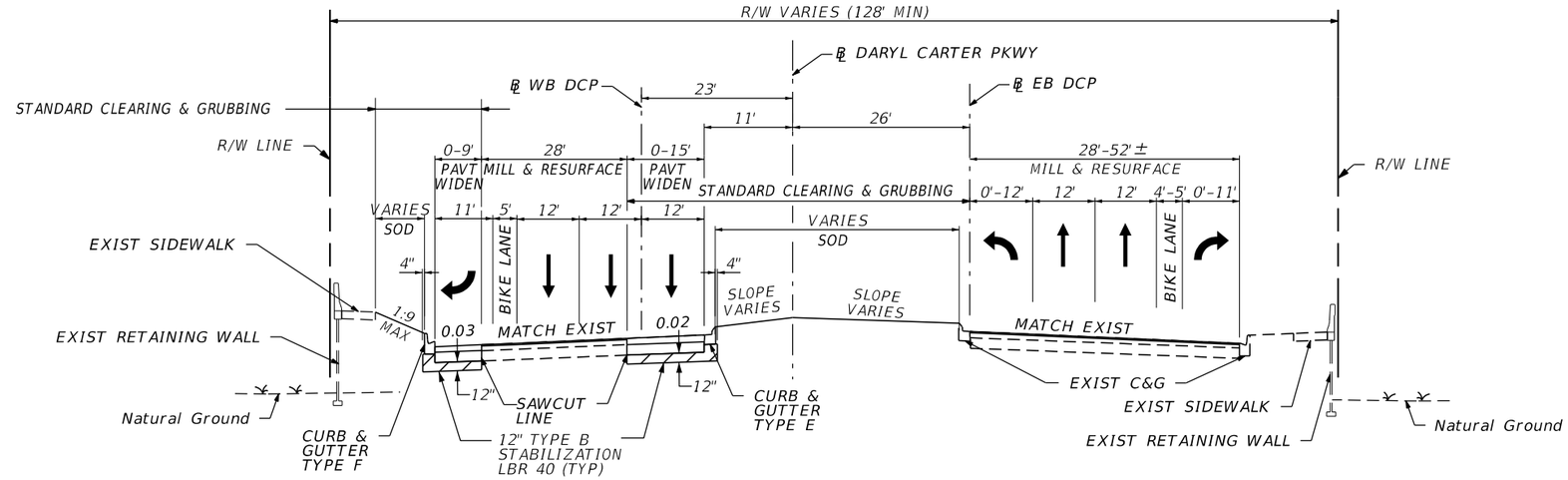


TYPICAL SECTION #18

℄ DARYL CARTER PKWY STA. 109+70.77 to STA. 114+30.77

(DIVERGING DIAMOND INTERCHANGE)

NOTE:
MILL EXISTING 1.75" ASPHALT OVERLAY ON EXISTING APPROACH SLABS AND RESURFACE WITH FRICTION COURSE (FC-12.5) (TRAFFIC C) (1.75") (PG 76-22)



TYPICAL SECTION #19

℄ DARYL CARTER PKWY STA. 114+30.77 to STA. 121+98.00

TRAFFIC DATA

CURRENT YEAR = 2017 AADT = 29,560
ESTIMATED OPENING YEAR = 2020 AADT = 31,290
ESTIMATED DESIGN YEAR = 2040 AADT = 37,390
K = 7.4% D = 53.66% T = 10.8% (24 HOUR)
DESIGN HOUR T = 5.4%
DESIGN SPEED = 40 MPH

WIDENING

OPTIONAL BASE GROUP 10 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2.5")
AND FRICTION COURSE (FC-12.5) (TRAFFIC C) (1.5") (PG 76-22)

MILL & RESURFACE

MILL EXIST PAVEMENT 1.5"
RESURFACE FRICTION COURSE (FC-12.5) (TRAFFIC C) (1.5") (PG 76-22)

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DARYL CARTER PKWY
TYPICAL SECTION

SHEET NO. 50

PRELIMINARY: NOT FOR CONSTRUCTION

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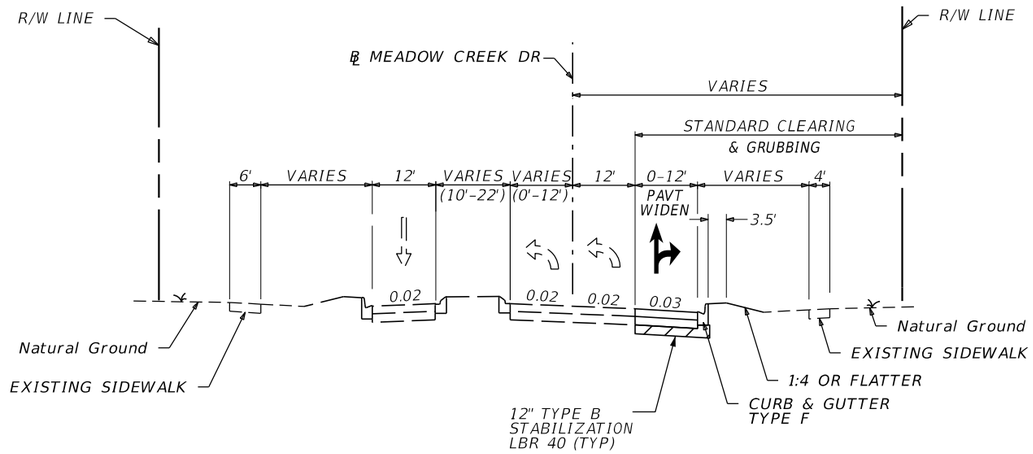

TYPICAL SECTION #20

℄ MEADOW CREEK DR STA. 1701+43.57 to STA. 1705+00.00

NEW CONSTRUCTION

OPTIONAL BASE GROUP 09 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

TRAFFIC DATA

ESTIMATED OPENING YEAR = 2020 AADT = 33,490
ESTIMATED DESIGN YEAR = 2040 AADT = 46,520
K = 7.4% D = 50% T = 5% (24 HOUR)
DESIGN HOUR T = 2.5%
DESIGN SPEED = 35 MPH

ME = MATCH EXISTING

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

MEADOW CREEK DRIVE
TYPICAL SECTION

SHEET NO. 51

PRELIMINARY: NOT FOR CONSTRUCTION

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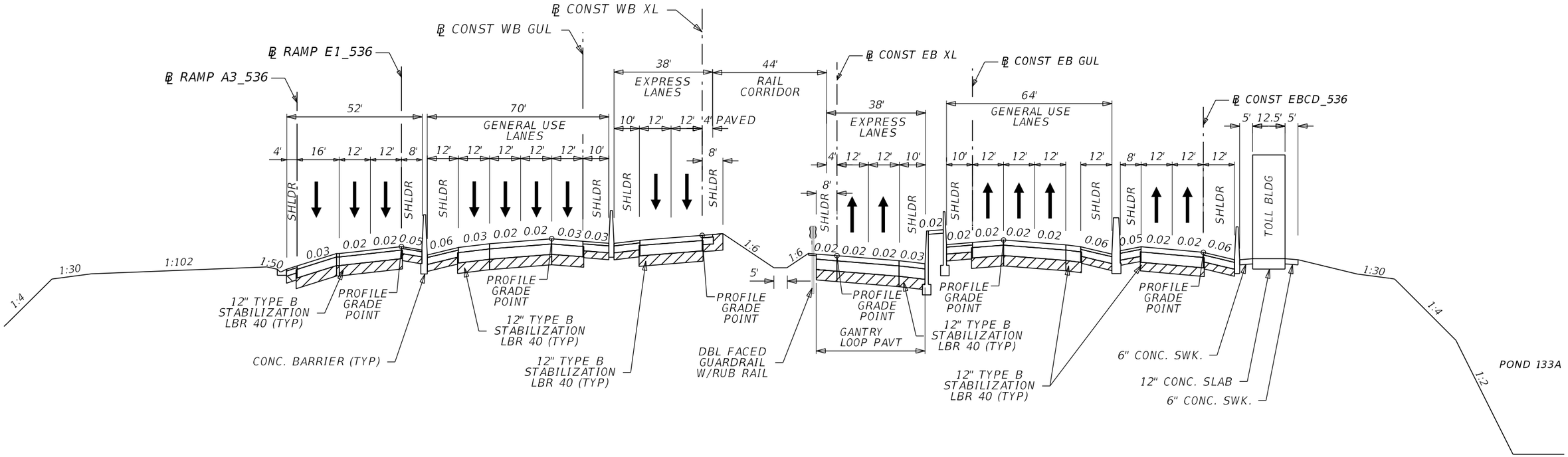

EASTBOUND EXPRESS LANE TOLL SITE DETAIL

℄ CONST EB XL (I-4) STA 1695+00.00 TO STA 1696+00.00

GANTRY LOOP PAVEMENT DESIGN

OPTIONAL BASE GROUP 11 (7" TYPE B 12.5) WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (3")
AND TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2") (PG 76-22) IN TOP LAYER
AND FRICTION COURSE FC-12.5 (1½") (PG 76-22)

PRELIMINARY: NOT FOR CONSTRUCTION

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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

TYPICAL SECTION DETAILS MAINLINE TOLL SITES

SHEET NO. 52

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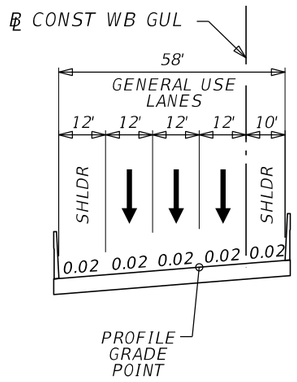
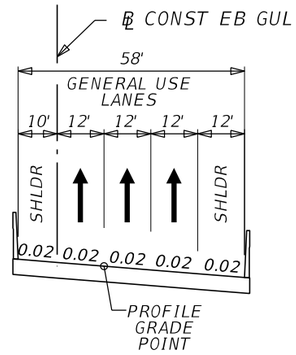


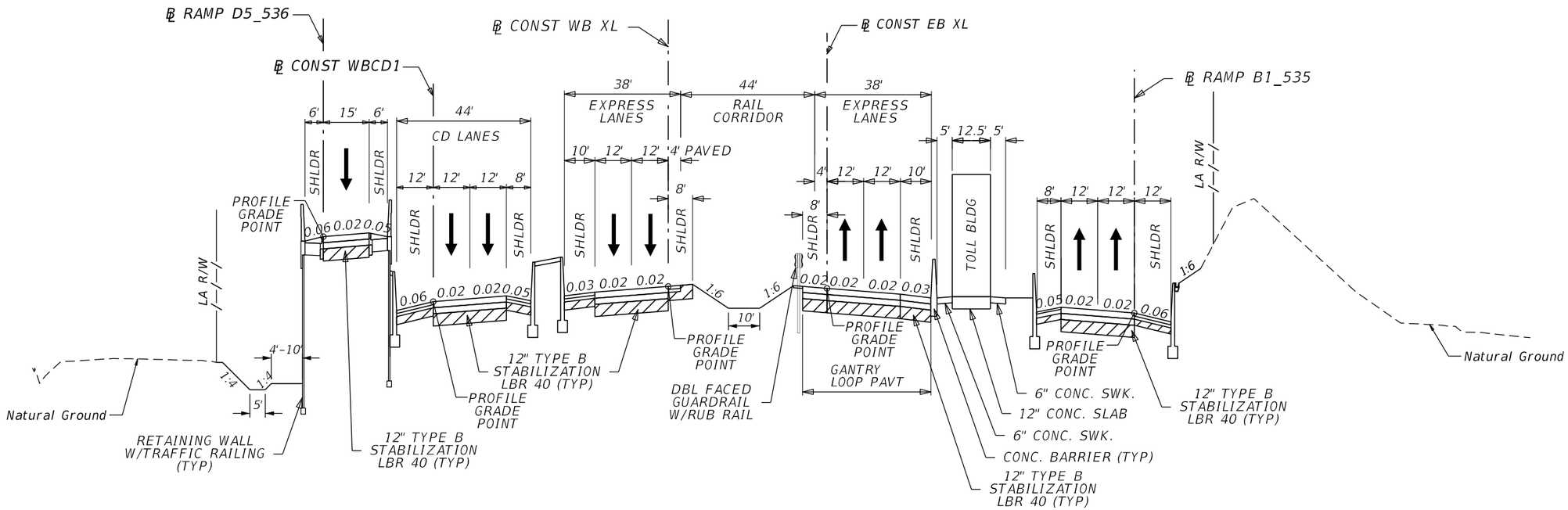


EASTBOUND EXPRESS LANE TOLL SITE DETAIL

℄ CONST EB XL (I-4) STA 1753+65.00 TO STA 1754+65.00

GANTRY LOOP PAVEMENT DESIGN

OPTIONAL BASE GROUP 11 (7" TYPE B 12.5) WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (3")
AND TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2") (PG 76-22) IN TOP LAYER
AND FRICTION COURSE FC-12.5 ($1\frac{1}{2}$") (PG 76-22)



PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

TYPICAL SECTION DETAILS MAINLINE TOLL SITES

SHEET NO. 53

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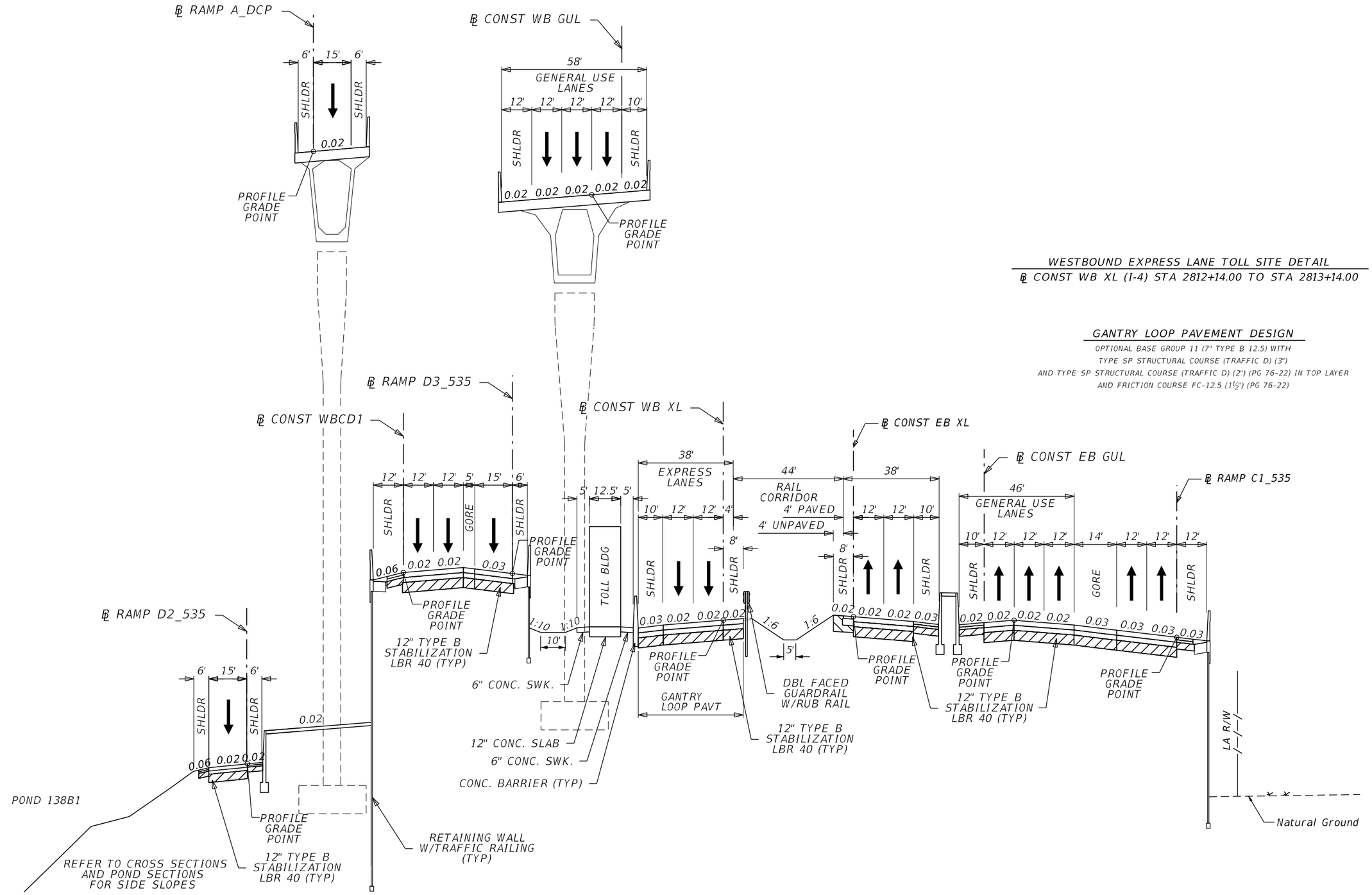

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

TYPICAL SECTION DETAILS MAINLINE TOLL SITES

SHEET NO. 54

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Curve	Point Type	Station	Northing	Easting	Radius	Length	Delta	Rotation Direction	Degree of Curvature	Tangent	Chord	e ft/ft	Design Speed (mph)
XEB14_22	P.C.	1665+91.61	1,460,919.4623	486,432.3286									
	P.I.	1671+19.57	1,461,331.9576	486,761.8506	150,052.00	1,055.91	0°24'11"	(LT)	0°02'17"	527.96	1,055.90	NC	70
	C.C.		1,554,573.9924	369,195.6803									
	P.T.	1676+47.52	1,461,746.7615	487,088.4617									
XEB14_23	P.C.	1676+47.52	1,461,746.7615	487,088.4617									
	P.I.	1681+79.04	1,462,164.3645	487,417.2769	114,948.00	1,063.03	0°31'48"	(RT)	0°02'59"	531.52	1,063.03	NC	70
	C.C.		1,390,636.0496	577,400.7497									
	P.T.	1687+10.55	1,462,578.9089	487,749.9399									
XEB14_24	P.C.	1705+62.29	1,464,023.1297	488,908.8962									
	P.I.	1711+18.82	1,464,457.1822	489,257.2141	59,948.00	1,113.03	1°03'50"	(RT)	0°05'44"	556.53	1,113.01	NC	70
	C.C.		1,426,503.2900	535,663.8354									
	P.T.	1716+75.32	1,464,884.6932	489,613.5303									
XEB14_25	P.C.	1716+75.32	1,464,884.6932	489,613.5303									
	P.I.	1724+09.91	1,465,448.9848	490,083.8487	80,052.00	1,469.14	1°03'5"	(LT)	0°04'18"	734.59	1,469.12	NC	70
	C.C.		1,516,137.5805	428,119.9189									
	P.T.	1731+44.46	1,466,021.8124	490,543.7323									
XEB14_26	P.C.	1758+86.94	1,468,160.3694	492,260.6320									
	P.I.	1767+58.78	1,468,840.2232	492,806.4398	100,052.00	1,743.64	0°59'55"	(LT)	0°03'26"	871.84	1,743.62	NC	70
	C.C.		1,530,796.9410	414,241.0025									
	P.T.	1776+30.58	1,469,529.4854	493,340.3172									
XEB14_27	P.C.	1776+30.58	1,469,529.4854	493,340.3172									
	P.I.	1784+19.57	1,470,153.2514	493,823.4637	99,948.00	1,577.96	0°54'16"	(RT)	0°03'26"	789.00	1,577.94	NC	70
	C.C.		1,408,325.7148	572,357.4113									
	P.T.	1792+08.54	1,470,769.3122	494,316.3975									
XEB14_28	P.C.	1925+57.06	1,481,186.1220	502,663.3125									
	P.I.	1944+28.43	1,482,633.2284	503,849.8575	4,788.00	3,567.91	42°41'44"	(LT)	1°11'48"	1871.36	3,485.93	0.044	70
	C.C.		1,484,221.9693	498,960.8031									
	P.T.	1961+24.98	1,484,501.4034	503,740.6421									
GEB14_20	P.C.	3683+98.29	1,461,367.8140	486,891.8724									
	P.I.	3691+23.57	1,461,934.1998	487,344.8940	60,000.00	1,450.48	1°23'6"	(LT)	0°05'44"	725.27	1,450.44	NC	70
	C.C.		1,498,845.1245	440,036.2303									
	P.T.	3698+48.77	1,462,511.3707	487,784.0924									
GEB14_21	P.C.	3698+48.77	1,462,511.3707	487,784.0924									
	P.I.	3706+53.95	1,463,152.1278	488,271.6767	60,000.00	1,610.26	1°32'16"	(RT)	0°05'44"	805.18	1,610.21	NC	70
	C.C.		1,426,177.6169	535,531.9545									
	P.T.	3714+59.03	1,463,779.5701	488,776.2798									
GEB14_22	P.C.	3759+19.99	1,467,256.3046	491,571.3705									
	P.I.	3764+66.98	1,467,682.7724	491,913.8991	50,000.00	1,093.94	1°15'13"	(RT)	0°06'53"	546.99	1,093.92	NC	70
	C.C.		1,435,946.1260	530,554.3504									
	P.T.	3770+13.93	1,468,101.6446	492,265.6755									
GEB14_23	P.C.	3777+10.42	1,468,634.9999	492,713.5969									
	P.I.	3785+50.38	1,469,278.2157	493,253.7811	35,000.00	1,679.59	2°44'58"	(LT)	0°09'49"	839.96	1,679.43	NC	70
	C.C.		1,491,143.8632	465,911.5247									
	P.T.	3793+90.01	1,469,946.6035	493,762.4885									
GEB14_24	P.C.	3799+99.37	1,470,431.4921	494,131.5353									
	P.I.	3806+05.91	1,470,914.1403	494,498.8769	50,000.00	1,213.02	1°23'24"	(RT)	0°06'53"	606.54	1,212.99	0.045	70
	C.C.		1,440,149.6927	533,918.6265									
	P.T.	3812+12.39	1,471,387.7355	494,877.8185									
GEB14_25	P.C.	3937+45.06	1,481,157.7737	502,727.6945									
	P.I.	3954+15.63	1,482,449.6053	503,786.9230	4,680.00	3,209.18	39°17'20"	(LT)	1°13'27"	1670.57	3,146.67		
	C.C.		1,484,125.1431	499,108.7003									
	P.T.	3969+54.24	1,484,120.1714	503,788.6977									

Curve	Point Type	Station	Northing	Easting	Radius	Length	Delta	Rotation Direction	Degree of Curvature	Tangent	Chord	e ft/ft	Design Speed (mph)
XWB14_23	P.C.	2679+06.41	1,460,951.9180	486,391.7006									
	P.I.	2684+34.18	1,461,364.2703	486,721.1084	150,000.00	1,055.54	0°24'11"	(LT)	0°02'18"	527.77	1,055.54	NC	70
	C.C.		1,554,573.9924	369,195.6803									
	P.T.	2689+61.95	1,461,778.9304	487,047.6064									
XWB14_24	P.C.	2689+61.95	1,461,778.9304	487,047.6064									
	P.I.	2694+93.71	1,462,196.7224	487,376.5703	115,000.00	1,063.51	0°31'48"	(RT)	0°02'59"	531.76	1,063.51	NC	70
	C.C.		1,390,636.0496	577,400.7497									
	P.T.	2700+25.46	1,462,611.4543	487,709.3838									
XWB14_25	P.C.	2718+77.20	1,464,055.6751	488,868.3401									
	P.I.	2724+34.22	1,464,490.1041	489,216.9601	60,000.00	1,114.00	1°03'50"	(RT)	0°05'44"	557.01	1,113.98	NC	70
	C.C.		1,426,503.2900	535,663.8353									
	P.T.	2729+91.20	1,464,917.9859	489,573.5854									
XWB14_26	P.C.	2729+91.20	1,464,917.9859	489,573.5854									
	P.I.	2737+25.31	1,465,481.9110	490,043.5983	80,000.00	1,468.19	1°03'5"	(LT)	0°04'18"	734.11	1,468.17	NC	70
	C.C.		1,516,137.5805	428,119.9189									
	P.T.	2744+59.38	1,466,054.3664	490,503.1832									
XWB14_27	P.C.	2772+01.86	1,468,192.9234	492,220.0829									
	P.I.	2780+73.25	1,468,872.4239	492,765.6069	100,000.00	1,742.73	0°59'55"	(LT)	0°03'26"	871.39	1,742.71	NC	70
	C.C.		1,530,796.9410	414,241.0025									
	P.T.	2789+44.59	1,469,561.3278	493,299.2069									
XWB14_28	P.C.	2789+44.59	1,469,561.3278	493,299.2069									
	P.I.	2797+34.00	1,470,185.4184	493,782.6047	100,000.00	1,578.78	0°54'16"	(RT)	0°03'26"	789.41	1,578.76	NC	70
	C.C.		1,408,325.7147	572,357.4113									
	P.T.	2805+23.37	1,470,801.7997	494,275.7950									
XWB14_29	P.C.	2938+80.39	1,481,225.2501	502,628.0121									
	P.I.	2955+69.52	1,482,531.4354	503,699.0099	4,732.00	3,244.83	39°17'20"	(LT)	1°12'39"	1689.13	3,181.63	0.045	70
	C.C.		1,484,225.5903	498,968.8070									
	P.T.	2971+25.22	1,484,220.5634	503,700.8043									
GWB14_22	P.C.	4659+16.53	1,459,142.0848	484,867.4572									
	P.I.	4668+93.46	1,459,926.9340	485,449.1915	40,000.00	1,953.48	2°47'53"	(RT)	0°08'36"	976.94	1,953.29	NC	70
	C.C.		1,435,323.3478	517,002.6057									
	P.T.	4678+70.01	1,460,682.4486	486,068.5467									
GWB14_23	P.C.	4721+33.78	1,463,991.7823	488,756.9579									
	P.I.	4727+51.01	1,464,473.9414	489,142.3047	60,047.00	1,234.41	1°10'40"	(RT)	0°05'44"	617.23	1,234.39	NC	70
	C.C.		1,426,503.2900	535,663.8353									
	P.T.	4733+68.19	1,464,948.0775	489,537.4814									
GWB14_24	P.C.	4733+68.19	1,464,948.0775	489,537.4814									
	P.I.	4738+93.20	1,465,351.3729	489,873.6148	79,953.00	1,050.00	0°45'9"	(LT)	0°04'18"	525.01	1,049.99	NC	70
	C.C.		1,516,137.5805	428,119.9189									
	P.T.	4744+18.19	1,465,759.0479	490,204.4230									
GWB14_25	P.C.	4744+18.19	1,465,759.0479	490,204.4230									
	P.I.	4749+43.42	1,466,166.8925	490,535.3690	60,000.00	1,050.43	1°00'11"	(RT)	0°05'44"	525.23	1,050.41	NC	70
	C.C.		1,427,952.9373	536,795.1732									
	P.T.	4754+68.62	1,466,568.8810	490,873.4040									
GWB14_26	P.C.	4754+68.62	1,466,568.8810	490,873.4040									
	P.I.	4760+36.81	1,467,003.7544	491,239.0921	50,000.00	1,136.34	1°18'8"	(LT)	0°06'53"	568.19	1,136.31	NC	70
	C.C.		1,498,748.8342	452,605.2630									
	P.T.	4766+04.96	1,467,446.8256	491,594.8034									
GWB14_27	P.C.	4775+78.21	1,468,205.7576	492,204.0975									
	P.I.	4781+28.22	1,468,634.6502	492,548.4257	75,000.00	1,100.00	0°50'25"	(LT)	0°04'35"	550.01	1,099.99	NC	70
	C.C.		1,515,158.7704	433,719.7869									
	P.T.	4786+78.21	1,469,068.5466	492,886.4267									

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CURVE DATA

SHEET NO. 55

Curve	Point Type	Station	Northing	Easting	Radius	Length	Delta	Rotation Direction	Degree of Curvature	Tangent	Chord	e ft/ft	Design Speed (mph)
GWB14_28	P.C.	4816+42.41	1,471,406.9691	494,708.0345									
	P.I.	4821+77.84	1,471,829.3645	495,037.0764	41,000.00	1,070.80	1°29'47"	(RT)	0°08'23"	535.43	1,070.77	NC	70
	C.C.		1,446,210.9801	527,052.4643									
	P.T.	4827+13.21	1,472,243.0233	495,377.0366									
GWB14_29	P.C.	4892+15.45	1,477,307.7306	499,454.6262									
	P.I.	4897+48.78	1,477,724.5054	499,787.4016	35,000.00	1,066.58	1°44'46"	(LT)	0°09'49"	533.33	1,066.54	NC	70
	C.C.		1,499,146.2589	472,103.5992									
	P.T.	4902+82.03	1,478,151.2260	500,107.3238									
GWB14_30	P.C.	4902+82.03	1,478,151.2260	500,107.3238									
	P.I.	4908+15.36	1,478,577.9469	500,427.2462	35,000.00	1,066.58	1°44'46"	(RT)	0°09'49"	533.33	1,066.54	NC	70
	C.C.		1,457,156.1930	528,111.0484									
	P.T.	4913+48.61	1,478,994.7220	500,760.0218									
GWB14_31	P.C.	4939+27.49	1,481,016.8710	502,360.5380									
	P.I.	4942+21.72	1,481,246.8022	502,544.1274	22,942.00	588.44	1°28'10"	(LT)	0°14'59"	294.23	588.42	NC	70
	C.C.		1,495,331.7148	484,432.3308									
	P.T.	4945+15.92	1,481,481.3661	502,721.7596									
GWB14_32	P.C.	4945+15.92	1,481,481.3661	502,721.7596									
	P.I.	4962+83.12	1,482,890.1831	503,788.6386	4,700.00	3,380.68	41°12'45"	(LT)	1°13'9"	1767.20	3,308.27	0.045	70
	C.C.		1,484,318.8100	498,974.9060									
	P.T.	4978+96.61	1,484,652.9125	503,663.0160									
EBCD_5363	P.C.	5024+87.79	1,461,513.2303	487,295.2041									
	P.I.	5029+10.28	1,461,851.7090	487,548.0407	11,709.00	844.61	4°07'58"	(LT)	0°29'22"	422.49	844.42	NC	60
	C.C.		1,468,520.4825	477,914.4207									
	P.T.	5033+32.39	1,462,207.5295	487,775.8255									
EBCD_5364	P.C.	5040+49.51	1,462,811.4862	488,162.4591									
	P.I.	5044+38.81	1,463,139.3611	488,372.3541	7,640.00	777.94	5°50'3"	(RT)	0°45'0"	389.30	777.60	0.023	60
	C.C.		1,458,692.3504	494,596.9226									
	P.T.	5048+27.44	1,463,444.2023	488,614.4897									
EBCD_5365	P.C.	5048+27.44	1,463,444.2023	488,614.4897									
	P.I.	5050+08.81	1,463,586.2210	488,727.2952	59,917.00	362.74	0°20'49"	(RT)	0°05'44"	181.37	362.73	NC	60
	C.C.		1,426,177.6169	535,531.9545									
	P.T.	5051+90.18	1,463,727.5541	488,840.9585									
EBCD_5366	P.C.	5058+59.77	1,464,249.3434	489,260.5930									
	P.I.	5060+95.46	1,464,433.0027	489,408.2959	3,263.00	470.55	8°15'45"	(RT)	1°45'21"	235.68	470.14	0.05	60
	C.C.		1,462,204.4238	491,803.3225									
	P.T.	5063+30.32	1,464,593.5294	489,580.8591									
EBCD_5367	P.C.	5066+41.38	1,464,805.3916	489,808.6069									
	P.I.	5070+01.09	1,465,050.3969	490,071.9829	2,388.00	714.06	17°07'57"	(LT)	2°23'58"	359.71	711.40	0.065	60
	C.C.		1,466,553.8391	488,182.1152									
	P.T.	5073+55.44	1,465,362.1166	490,251.4971									
EBCD_5368	P.C.	5076+79.44	1,465,642.8871	490,413.1881									
	P.I.	5078+88.70	1,465,824.2274	490,517.6190	2,865.00	417.78	8°21'18"	(RT)	1°59'59"	209.26	417.41	0.055	60
	C.C.		1,464,213.1195	492,895.9265									
	P.T.	5080+97.22	1,465,988.4686	490,647.2912									
WBCD1_2	P.C.	6024+87.28	1,468,241.1285	492,160.0390									
	P.I.	6036+44.98	1,469,143.8979	492,884.8102	73,000.00	2,315.22	1°49'2"	(LT)	0°04'43"	1157.71	2,315.12	NC	60
	C.C.		1,513,942.0614	435,235.3103									
	P.T.	6048+02.50	1,470,069.1958	493,580.5900									
WBCD1_3	P.C.	6048+02.50	1,470,069.1958	493,580.5900									
	P.I.	6051+89.09	1,470,378.1799	493,812.9313	37,500.00	773.16	1°10'53"	(RT)	0°09'10"	386.59	773.14	NC	60
	C.C.		1,447,531.7648	523,552.4803									
	P.T.	6055+75.66	1,470,682.3083	494,051.5933									

Curve	Point Type	Station	Northing	Easting	Radius	Length	Delta	Rotation Direction	Degree of Curvature	Tangent	Chord	e ft/ft	Design Speed (mph)
WBCD1_41	P.C.	6058+68.55	1,470,912.7293	494,232.4140									
	P.I.	6061+53.64	1,471,137.0063	494,408.4132	12,000.00	570.07	2°43'19"	(LT)	0°28'39"	285.09	570.02	NC	60
	C.C.		1,478,320.9032	484,792.1301									
	P.T.	6064+38.63	1,471,369.3881	494,573.5634									
WBCD1_51	P.C.	6064+38.63	1,471,369.3880	494,573.5633									
	P.I.	6071+74.03	1,471,968.8293	494,999.5771	12,000.00	1,468.97	7°00'50"	(RT)	0°28'39"	735.40	1,468.05	NC	60
	C.C.		1,464,417.8729	504,354.9966									
	P.T.	6079+07.59	1,472,511.7649	495,495.5998									
WBCD2_1	P.C.	7054+13.67	1,477,328.0086	499,429.2283									
	P.I.	7060+42.40	1,477,819.3370	499,821.5313	15,000.00	1,256.73	4°48'1"	(LT)	0°22'55"	628.73	1,256.36	NC	60
	C.C.		1,486,687.3778	487,707.3595									
	P.T.	7066+70.40	1,478,341.7714	500,171.3418									
WBCD2_2	P.C.	7066+70.40	1,478,341.7714	500,171.3418									
	P.I.	7072+70.96	1,478,840.7970	500,505.4782	15,000.00	1,200.48	4°35'8"	(RT)	0°22'55"	600.56	1,200.16	NC	60
	C.C.		1,469,996.1650	512,635.3241									
	P.T.	7078+70.88	1,479,311.5121	500,878.4406									
WBCD2_3	P.C.	7095+00.88	1,480,589.0934	501,890.7083									
	P.I.	7098+35.45	1,480,851.3265	502,098.4838	11,734.00	668.96	3°15'59"	(LT)	0°29'18"	334.57	668.87	NC	60
	C.C.		1,487,876.1789	492,693.6903									
	P.T.	7101+69.84	1,481,124.9724	502,290.9798									
WBCD2_4	P.C.	7102+69.84	1,481,220.5713	502,328.8855									
	P.I.	7104+93.65	1,481,403.6284	502,457.6569	5,000.00	447.33	5°07'34"	(RT)	1°08'45"	223.81	447.18	0.034	60
	C.C.		1,478,343.8002	506,418.4072									
	P.T.	7107+17.16	1,481,574.4482	502,602.2687									
WBCD2_5	P.C.	7111+16.48	1,481,879.2146	502,860.2763									
	P.I.	7117+48.99	1,482,361.9662	503,268.9618	2,550.00	1,240.00	27°51'41"	(LT)	2°14'49"	632.51	1,227.82	0.062	60
	C.C.		1,483,526.8451	500,914.0457									
	P.T.	7123+56.48	1,482,979.7505	503,404.6656									

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CURVE DATA

SHEET NO. 56

Curve	Point Type	Station	Northing	Easting	Radius	Length	Delta	Rotation Direction	Degree of Curvature	Tangent	Chord	e ft/ft	Design Speed (mph)
A3_0P4	P.C.	534+35.75	1,459,508.2679	485,986.7960									
	P.I.	537+05.44	1,459,775.9513	486,019.7029	1,500.00	533.69	20°23'8"	(RT)	3°49'11"	269.70	530.88	0.07	50
	C.C.		1,459,325.2473	487,475.5886									
	P.T.	539+69.44	1,460,015.4068	486,143.7929									
A3_0P5	P.C.	547+22.67	1,460,684.1768	486,490.3610									
	P.I.	551+19.34	1,461,036.3619	486,672.8694	4,024.00	790.78	11°15'34"	(RT)	1°25'26"	396.67	789.50	0.03	50
	C.C.		1,458,832.7089	490,063.1250									
	P.T.	555+13.45	1,461,346.1332	486,920.6301									
C_0P2	P.C.	909+63.41	1,459,583.9099	486,046.3003									
	P.I.	912+04.67	1,459,823.8459	486,071.5539	1,277.72	476.91	21°23'8"	(RT)	4°29'3"	241.26	474.14	0.07	45
	C.C.		1,459,450.1673	487,316.9986									
	P.T.	914+40.32	1,460,038.0531	486,182.5597									
D1_0P3	P.C.	1021+90.57	1,459,645.7058	485,111.3822									
	P.I.	1026+67.97	1,460,004.1135	485,426.7427	4,800.00	951.67	11°21'35"	(LT)	1°11'37"	477.40	950.11	0.025	50
	C.C.		1,462,816.5024	481,507.7661									
	P.T.	1031+42.24	1,460,417.6158	485,665.3307									
D1_0P4	P.C.	1034+74.89	1,460,705.7454	485,831.5795									
	P.I.	1038+14.04	1,460,999.5001	486,001.0740	2,245.00	673.20	17°10'52"	(RT)	2°33'8"	339.15	670.68	0.05	50
	C.C.		1,459,583.7661	487,776.1071									
	P.T.	1041+48.09	1,461,230.0786	486,249.7781									
D1_0P5	P.C.	1045+77.61	1,461,522.1015	486,564.7567									
	P.I.	1047+91.70	1,461,667.6518	486,721.7486	3,977.88	427.75	6°09'40"	(LT)	1°26'25"	214.08	427.55	0.03	50
	C.C.		1,464,439.1735	483,860.2813									
	P.T.	1050+05.37	1,461,829.2107	486,862.2124									
536A	P.C.	138+69.66	1,463,671.0222	489,250.9017									
	P.I.	143+61.03	1,463,473.7353	489,700.9249	2,864.79	973.27	19°27'55"	(LT)	2°00'0"	491.37	968.59	0.055	60
	C.C.		1,466,294.7596	490,401.1294									
	P.T.	148+42.93	1,463,437.6887	490,190.9694									
A1_5361	P.C.	300+00.00	1,460,290.7542	485,690.1334									
	P.I.	306+97.45	1,460,836.0708	486,124.9487	5,500.00	1,387.49	14°27'15"	(LT)	1°02'30"	697.45	1,383.82	0.022	50
	C.C.		1,463,719.6579	481,389.8288									
	P.T.	313+87.49	1,461,472.6587	486,409.8881									
A1_5362	P.C.	315+31.94	1,461,604.5040	486,468.9026									
	P.I.	319+31.83	1,461,969.4991	486,632.2759	2,245.00	791.48	20°11'59"	(RT)	2°33'8"	399.89	787.39	0.05	50
	C.C.		1,460,687.3198	488,517.9995									
	P.T.	323+23.42	1,462,255.6331	486,911.6314									
A1_5363	P.C.	325+86.51	1,462,443.8828	487,095.4215									
	P.I.	331+92.17	1,462,877.2496	487,518.5219	886.00	1,062.54	68°42'43"	(LT)	6°28'0"	605.66	1,000.00	0.086	50
	C.C.		1,463,062.8252	486,461.4606									
	P.T.	336+49.05	1,463,428.8175	487,268.3346									
A2_5361	P.C.	381+26.26	1,465,054.0391	485,896.9081									
	P.I.	383+89.19	1,464,942.7302	486,135.1198	11,459.16	525.78	2°37'44"	(RT)	0°30'0"	262.93	525.73	EXIST	50
	C.C.		1,454,672.3414	481,045.8671									
	P.T.	386+52.04	1,464,820.6126	486,367.9755									
A2_5362	P.C.	386+52.04	1,464,820.6126	486,367.9755									
	P.I.	389+57.07	1,464,678.9421	486,638.1148	999.99	592.14	33°55'38"	(RT)	5°43'47"	305.03	583.52	EXIST	50
	C.C.		1,463,935.0152	485,903.5373									
	P.T.	392+44.17	1,464,410.6161	486,783.1903									
A2_5363	P.C.	402+13.47	1,463,557.9690	487,244.1899									
	P.I.	425+97.86	1,461,460.5139	488,378.2185	1,560.00	3,093.28	113°36'37"	(LT)	3°40'22"	2384.39	2,610.86	0.068	50
	C.C.		1,464,299.9118	488,616.4585									
	P.T.	433+06.75	1,463,339.6718	489,845.9052									

Curve	Point Type	Station	Northing	Easting	Radius	Length	Delta	Rotation Direction	Degree of Curvature	Tangent	Chord	e ft/ft	Design Speed (mph)
A2_5364	P.C.	433+06.75	1,463,339.6718	489,845.9052									
	P.I.	439+10.57	1,463,815.5522	490,217.5841	1,850.00	1,167.32	36°09'10"	(LT)	3°05'49"	603.83	1,148.05	0.059	50
	C.C.		1,464,478.4180	488,387.9075									
	P.T.	444+74.07	1,464,419.0687	490,236.9552									
A3_5361	P.C.	500+00.00	1,464,118.3421	488,061.1759									
	P.I.	501+15.18	1,464,164.5857	487,955.6915	547.00	227.03	23°46'51"	(LT)	10°28'28"	115.18	225.41	0.07	30
	C.C.		1,463,617.3684	487,841.5526									
	P.T.	502+27.03	1,464,164.3674	487,840.5161									
A3_5362	P.C.	502+27.03	1,464,164.3674	487,840.5161									
	P.I.	511+48.60	1,464,166.1137	488,762.0846	441.00	1,779.10	231°08'42"	(LT)	12°59'32"	921.57	795.60	0.08	30
	C.C.		1,463,723.3682	487,841.3517									
	P.T.	520+06.14	1,463,447.3582	488,185.2986									
A4_5360	P.C.	597+90.70	1,459,606.8385	485,271.1069									
	P.I.	599+97.20	1,459,768.1753	485,399.9908	8,000.00	412.90	2°57'26"	(LT)	0°42'58"	206.50	412.85	NC	50
	C.C.		1,464,600.0158	479,020.6525									
	P.T.	602+03.60	1,459,935.9463	485,520.3798									
A4_5361	P.C.	602+03.60	1,459,935.9463	485,520.3798									
	P.I.	604+23.39	1,460,114.5175	485,648.5188	8,515.00	439.48	2°57'26"	(RT)	0°40'22"	219.79	439.43	NC	50
	C.C.		1,454,971.6272	492,438.5270									
	P.T.	606+43.08	1,460,286.2403	485,785.6996									
A4_5362	P.C.	612+35.39	1,460,749.0151	486,155.3874									
	P.I.	615+07.75	1,460,961.8138	486,325.3817	1,250.00	536.34	24°35'3"	(LT)	4°35'1"	272.36	532.24	0.079	50
	C.C.		1,461,529.1991	485,178.7539									
	P.T.	617+71.73	1,461,226.0450	486,391.4359									
A4_5363	P.C.	620+01.53	1,461,448.9862	486,447.1682									
	P.I.	622+50.39	1,461,690.4153	486,507.5222	1,500.00	493.22	18°50'23"	(RT)	3°49'11"	248.86	491.01	0.07	50
	C.C.		1,461,085.2014	487,902.3866									
	P.T.	624+94.76	1,461,899.4201	486,642.6057									
B1_5361	P.C.	805+15.32	1,462,290.0001	487,897.9645									
	P.I.	808+34.48	1,462,539.8795	488,096.5203	819.00	608.67	42°34'53"	(RT)	6°59'45"	319.16	594.76	0.098	50
	C.C.		1,461,780.4864	488,539.1796									
	P.T.	811+23.99	1,462,589.5197	488,411.7979									
B1_5362	P.C.	817+91.10	1,462,693.2771	489,070.7875									
	P.I.	821+01.54	1,462,741.5609	489,377.4500	2,865.00	618.47	12°22'6"	(LT)	1°59'59"	310.44	617.27	0.04	50
	C.C.		1,465,523.4120	488,625.1848									
	P.T.	824+09.56	1,462,854.4104	489,666.6527									
B1_5363	P.C.	834+02.41	1,463,215.3251	490,591.5799									
	P.I.	836+50.48	1,463,305.5004	490,822.6750	1,150.00	488.64	24°20'44"	(RT)	4°58'56"	248.07	484.98	EXIST	50
	C.C.		1,462,143.9981	491,009.6211									
	P.T.	838+91.06	1,463,292.3912	491,070.3939									
B2_5361	P.C.	900+00.00	1,462,805.9284	488,315.4776									
	P.I.	915+18.29	1,462,506.0745	489,803.8670	1,225.00	2,185.17	102°12'18"	(LT)	4°40'38"	1518.29	1,906.76	0.08	50
	C.C.		1,464,006.8009	488,557.4078									
	P.T.	921+85.17	1,464,024.2146	489,782.2840									
B2_5362	P.C.	924+80.16	1,464,319.1690	489,778.0907									
	P.I.	928+75.95	1,464,714.9201	489,772.4644	1,865.00	780.01	23°57'47"	(RT)	3°04'20"	395.79	774.34	0.058	50
	C.C.		1,464,345.6805	491,642.9022									
	P.T.	932+60.16	1,465,078.8454	489,928.0570									

PRELIMINARY; NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CURVE DATA

SHEET NO. 57

Curve	Point Type	Station	Northing	Easting	Radius	Length	Delta	Rotation Direction	Degree of Curvature	Tangent	Chord	e ft/ft	Design Speed (mph)
B3_5361	P.C.	1000+00.00	1,463,526.3718	489,956.6118									
	P.I.	1003+75.78	1,463,858.2347	490,132.8919	1,225.00	729.23	34°06'27"	(LT)	4°40'38"	375.78	718.51	0.08	50
	C.C.		1,464,101.0309	488,874.7652									
	P.T.	1007+29.23	1,464,231.8615	490,092.7588									
B3_5362	P.C.	1009+41.57	1,464,442.9864	490,070.0808									
	P.I.	1017+67.75	1,465,264.4485	489,981.8436	2,000.00	1,566.97	44°53'26"	(RT)	2°51'53"	826.19	1,527.20	0.055	50
	C.C.		1,464,656.5874	492,058.6418									
	P.T.	1025+08.54	1,465,908.6934	490,499.0807									
B4_5362	P.C.	1118+61.78	1,460,230.1238	485,955.8849									
	P.I.	1120+66.55	1,460,390.1127	486,083.6921	1,300.00	406.20	17°54'11"	(RT)	4°24'27"	204.77	404.55	0.077	50
	C.C.		1,459,418.7325	486,971.5838									
	P.T.	1122+67.98	1,460,503.0662	486,254.4921									
B4_5363	P.C.	1124+92.53	1,460,626.9301	486,441.7901									
	P.I.	1128+15.78	1,460,805.2353	486,711.4102	2,450.00	642.78	15°01'55"	(LT)	2°20'19"	323.25	640.94	0.047	50
	C.C.		1,462,670.4821	485,090.3482									
	P.T.	1131+35.31	1,461,047.3674	486,925.5590									
B5_5361	P.C.	2412+59.98	1,460,011.4133	485,924.7341									
	P.I.	2414+81.20	1,460,179.2394	486,068.8553	3,900.00	441.96	6°29'34"	(RT)	1°28'9"	221.22	441.72	0.03	50
	C.C.		1,457,470.5816	488,883.4795									
	P.T.	2417+01.94	1,460,329.6918	486,231.0299									
B5_5362	P.C.	2422+32.30	1,460,690.4009	486,619.8429									
	P.I.	2425+68.65	1,460,919.1562	486,866.4213	3,700.00	670.85	10°23'18"	(LT)	1°32'55"	336.35	669.93	0.047	50
	C.C.		1,463,402.8901	484,103.4164									
	P.T.	2429+03.16	1,461,188.6247	487,067.7087									
C1_5361	P.C.	1207+06.82	1,463,494.9614	490,970.1448									
	P.I.	1214+07.67	1,463,595.1451	490,276.4854	820.00	1,159.84	81°02'28"	(RT)	6°59'14"	700.86	1,065.54	0.098	50
	C.C.		1,464,306.5405	491,087.3594									
	P.T.	1218+66.65	1,464,295.9432	490,267.4279									
C1_5362	P.C.	1223+86.71	1,464,815.9561	490,260.7070									
	P.I.	1230+39.58	1,465,468.7739	490,252.2696	1,842.00	1,254.85	39°01'57"	(RT)	3°06'38"	652.87	1,230.73	0.059	50
	C.C.		1,464,839.7612	492,102.5531									
	P.T.	1236+41.56	1,465,981.1898	490,656.8337									
C2_5361	P.C.	1300+62.15	1,464,018.8087	489,981.5446									
	P.I.	1308+64.35	1,464,736.2611	489,622.6680	1,250.00	1,426.41	65°22'54"	(RT)	4°35'1"	802.20	1,350.26	0.079	50
	C.C.		1,464,578.0131	491,099.4848									
	P.T.	1314+88.56	1,465,361.3872	490,125.4082									
C3_5361	P.C.	1405+87.98	1,463,497.0732	490,575.9668									
	P.I.	1408+56.23	1,463,540.2803	490,311.2147	695.00	512.02	42°12'39"	(RT)	8°14'38"	268.25	500.52	0.1	50
	C.C.		1,464,182.9988	490,687.9087									
	P.T.	1411+00.00	1,463,750.1598	490,144.1484									
C3_5362	P.C.	1411+00.00	1,463,750.1598	490,144.1484									
	P.I.	1414+18.51	1,463,999.3590	489,945.7831	750.00	602.40	46°01'12"	(RT)	7°38'22"	318.51	586.34	0.1	50
	C.C.		1,464,217.2523	490,730.9401									
	P.T.	1417+02.40	1,464,315.1448	489,987.3562									
C4_5361	P.C.	1500+00.00	1,464,234.8922	489,264.3702									
	P.I.	1510+85.73	1,463,388.8265	488,583.9454	328.00	1,222.90	213°37'9"	(RT)	17°28'6"	1085.73	627.97	0.092	30
	C.C.		1,464,029.3348	489,519.9679									
	P.T.	1512+22.90	1,463,716.6428	489,619.0017									
C4_5362	P.C.	1512+22.90	1,463,716.6428	489,619.0017									
	P.I.	1514+07.31	1,463,660.9654	489,443.2045	490.00	352.74	41°14'46"	(RT)	11°41'35"	184.40	345.17	0.075	30
	C.C.		1,464,183.7742	489,471.0549									
	P.T.	1515+75.64	1,463,735.0043	489,274.3174									

Curve	Point Type	Station	Northing	Easting	Radius	Length	Delta	Rotation Direction	Degree of Curvature	Tangent	Chord	e ft/ft	Design Speed (mph)
D1_5361	P.C.	1703+08.55	1,465,112.8824	486,188.4625									
	P.I.	1709+68.90	1,464,863.4240	486,799.8823	2,291.83	1,285.87	32°08'49"	(LT)	2°30'0"	660.35	1,269.07	0.049	50
	C.C.		1,467,234.8912	487,054.2388									
	P.T.	1715+94.42	1,464,977.5416	487,450.2983									
D1_5362	P.C.	1729+63.99	1,465,214.2219	488,799.2626									
	P.I.	1736+68.98	1,465,336.0541	489,493.6479	2,245.00	1,366.20	34°52'3"	(LT)	2°33'8"	704.99	1,345.22	0.05	50
	C.C.		1,467,425.4449	488,411.2962									
	P.T.	1743+30.19	1,465,832.9808	489,993.7257									
D1_5363	P.C.	1753+93.26	1,466,582.3057	490,747.8022									
	P.I.	1759+54.32	1,466,977.7775	491,145.7817	10,000.00	1,120.94	6°25'21"	(LT)	0°34'23"	561.06	1,120.35	NC	50
	C.C.		1,473,675.6867	483,699.1182									
	P.T.	1765+14.20	1,467,415.2850	491,497.0263									
D2_5361	P.C.	1800+16.03	1,465,035.9892	487,922.2992									
	P.I.	1803+58.97	1,465,095.2535	488,260.0775	8,350.00	685.49	4°42'13"	(RT)	0°41'10"	342.94	685.30	NC	50
	C.C.		1,456,811.6186	489,365.2924									
	P.T.	1807+01.52	1,465,126.6196	488,601.5781									
D2_5362	P.C.	1808+65.88	1,465,141.6521	488,765.2461									
	P.I.	1811+29.78	1,465,165.7898	489,028.0471	1,810.00	524.12	16°35'28"	(LT)	3°09'56"	263.91	522.29	0.06	50
	C.C.		1,466,944.0655	488,599.6985									
	P.T.	1813+90.00	1,465,263.9627	489,273.0146									
D2_5363	P.C.	1813+90.00	1,465,263.9627	489,273.0146									
	P.I.	1817+55.78	1,465,400.0323	489,612.5445	2,292.00	725.44	18°08'5"	(LT)	2°29'59"	365.78	722.42	0.049	50
	C.C.		1,467,391.4741	488,420.3955									
	P.T.	1821+15.44	1,465,635.0227	489,892.8569									
D2_5364	P.C.	1827+97.27	1,466,073.0512	490,415.3669									
	P.I.	1830+23.35	1,466,218.2960	490,588.6247	2,291.83	450.71	11°16'4"	(LT)	2°30'0"	226.08	449.99	0.049	50
	C.C.		1,467,829.3732	488,943.0140									
	P.T.	1832+47.98	1,466,394.5948	490,730.1629									
D3_5361	P.C.	1900+00.00	1,464,242.3844	488,819.5982									
	P.I.	1901+21.71	1,464,337.6288	488,895.3664	547.00	239.51	25°05'15"	(LT)	10°28'28"	121.71	237.60	0.07	30
	C.C.		1,464,582.9201	488,391.5276									
	P.T.	1902+39.51	1,464,456.0139	488,923.6026									
D3_5362	P.C.	1902+39.51	1,464,456.0139	488,923.6026									
	P.I.	1907+67.48	1,463,942.4540	488,801.1125	441.00	1,999.21	259°44'34"	(LT)	12°59'32"	527.97	676.92	0.08	30
	C.C.		1,464,558.3277	488,494.6354									
	P.T.	1922+38.73	1,464,154.4348	488,317.5717									
D4_5361	P.C.	2000+00.00	1,464,574.3943	489,099.0503									
	P.I.	2002+34.97	1,464,758.2781	489,245.3323	6,200.00	469.72	4°20'27"	(LT)	0°55'27"	234.97	469.61	RC	50
	C.C.		1,468,434.2144	484,247.0623									
	P.T.	2004+69.72	1,464,952.7063	489,377.2768									
D4_5362	P.C.	2009+70.92	1,465,367.4313	489,658.7209									
	P.I.	2012+81.66	1,465,624.5496	489,833.2086	2,880.00	619.07	12°18'58"	(RT)	1°59'22"	310.73	617.88	0.04	50
	C.C.		1,463,750.2146	492,041.7883									
	P.T.	2015+90.00	1,465,838.5315	490,058.5251									
D4_5363	P.C.	2018+85.88	1,466,031.4072	490,283.3997									
	P.I.	2021+38.48	1,466,205.3571	490,466.5638	6,171.00	504.92	4°41'17"	(LT)	0°55'42"	252.60	504.78	RC	50
	C.C.		1,470,506.0611	486,033.8453									
	P.T.	2023+90.80	1,466,393.6952	490,634.8981									
D5_5361	P.C.	1700+00.00	1,466,492.0344	490,746.2830									
	P.I.	1702+61.02	1,466,692.2021	490,913.8066	6,171.00	521.73	4°50'39"	(LT)	0°55'42"	261.02	521.57	RC	50
	C.C.		1,470,452.6121	486,013.9405									
	P.T.	1705+21.73	1,466,905.8012	491,063.8289									

PRELIMINARY; NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407,843,6552 F 407,839,1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CURVE DATA

SHEET NO. 58

Curve	Point Type	Station	Northing	Easting	Radius	Length	Delta	Rotation Direction	Degree of Curvature	Tangent	Chord	e ft/ft	Design Speed (mph)
D5_5362	P.C.	1705+21.73	1,466,905.8012	491,063.8289									
	P.I.	1707+89.27	1,467,124.7398	491,217.6014	8,337.00	534.91	3°40'34"	(RT)	0°41'14"	267.54	534.81	NC	50
	C.C.		1,462,114.0717	497,886.2110									
	P.T.	1710+56.63	1,467,333.3686	491,385.0951									
D5_5363	P.C.	1719+95.32	1,468,065.3478	491,972.7506									
	P.I.	1722+65.32	1,468,275.8891	492,141.7796	8,340.00	539.81	3°42'30"	(RT)	0°41'13"	270.00	539.71	NC	50
	C.C.		1,462,844.1727	498,476.2059									
	P.T.	1725+35.13	1,468,475.0568	492,324.0725									
D6_5361	P.C.	2103+39.65	1,465,151.7668	488,237.2430									
	P.I.	2110+32.93	1,465,079.7137	487,547.7230	558.98	997.48	102°14'31"	(RT)	10°15'0"	693.27	870.31	EXIST	45
	C.C.		1,465,707.7228	488,179.1471									
	P.T.	2113+37.13	1,465,768.8329	487,623.5143									
D6_5362	P.C.	2118+78.06	1,466,306.5212	487,682.6508									
	P.I.	2122+14.70	1,466,641.1435	487,719.4535	2,083.48	667.51	18°21'24"	(RT)	2°45'0"	336.64	664.66	EXIST	45
	C.C.		1,466,078.7473	489,753.6457									
	P.T.	2125+45.58	1,466,947.1482	487,859.7659									
E1_5361	P.C.	2200+00.00	1,461,837.0842	486,853.1565									
	P.I.	2201+53.58	1,461,952.9861	486,953.9249	3,965.88	307.01	4°26'8"	(LT)	1°26'41"	153.58	306.93	0.03	50
	C.C.		1,464,439.1735	483,860.2813									
	P.T.	2203+07.01	1,462,076.3339	487,045.4281									
E1_5362	P.C.	2208+46.37	1,462,500.5764	487,378.8209									
	P.I.	2211+06.13	1,462,709.1966	487,533.5818	3,400.00	518.51	8°44'16"	(RT)	1°41'7"	259.76	518.00	0.035	50
	C.C.		1,460,474.8813	490,109.4911									
	P.T.	2213+64.87	1,462,891.8858	487,718.2384									
E1_5363	P.C.	2216+19.96	1,463,071.2874	487,899.5720									
	P.I.	2218+25.40	1,463,215.7785	488,045.6192	3,584.53	410.44	6°33'38"	(LT)	1°35'54"	205.44	410.22	0.033	50
	C.C.		1,465,619.4677	485,378.5409									
	P.T.	2220+30.40	1,463,376.0099	488,174.2014									
E1_5364	P.C.	2247+68.38	1,465,517.6269	489,880.0721									
	P.I.	2249+82.10	1,465,684.8791	490,013.1234	2,865.00	426.65	8°31'56"	(RT)	1°59'59"	213.72	426.25	0.04	50
	C.C.		1,463,734.0164	492,122.1601									
	P.T.	2251+95.03	1,465,830.5396	490,169.5169									
E2_5361	P.C.	2300+00.00	1,462,247.2502	486,920.2178									
	P.I.	2301+06.98	1,462,323.7944	486,994.9487	2,233.00	213.79	5°29'8"	(RT)	2°33'57"	106.98	213.71	0.05	50
	C.C.		1,460,687.3198	488,517.9995									
	P.T.	2302+13.79	1,462,392.8442	487,076.6545									
E2_5362	P.C.	2309+99.50	1,462,900.0039	487,676.7698									
	P.I.	2311+39.14	1,462,990.1382	487,783.4245	3,560.53	279.14	4°29'31	(LT)	1°36'33	139.64	279.07	0.033	50
	C.C.		1,465,619.4677	485,378.5409									
	P.T.	2312+78.64	1,463,088.3486	487,882.6926									

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CURVE DATA

SHEET NO. 59

Curve	Point Type	Station	Northing	Easting	Radius	Length	Delta	Rotation Direction	Degree of Curvature	Tangent	Chord	e ft/ft	Design Speed (mph)
SB5351	P.C.	208+79.55	1,468,141.8127	494,236.3394									
	P.I.	210+88.03	1,468,347.1930	494,200.5443	13,500.00	416.92	1°46'10"	(LT)	0°25'28"	208.48	416.90	NC	45
	C.C.		1,465,823.8787	480,936.8213									
	P.T.	212+96.47	1,468,551.3700	494,158.4245									
SB5352	P.C.	212+96.47	1,468,551.3700	494,158.4245									
	P.I.	215+07.01	1,468,757.5682	494,115.8877	7,639.00	420.97	3°09'27"	(RT)	0°45'0"	210.54	420.92	NC	45
	C.C.		1,470,094.7260	501,639.8931									
	P.T.	217+17.45	1,468,965.7963	494,084.7731									
SB5353	P.C.	231+00.83	1,470,333.9945	493,880.3290									
	P.I.	233+00.92	1,470,531.8787	493,850.7600	5,730.00	400.00	3°59'59"	(RT)	1°00'0"	200.08	399.92	NC	45
	C.C.		1,471,180.8027	499,547.4108									
	P.T.	235+00.83	1,470,731.3435	493,835.0657									
SB5354	P.C.	235+00.83	1,470,731.3436	493,835.0657									
	P.I.	237+00.96	1,470,930.8540	493,819.3678	4,584.00	400.00	4°59'59"	(LT)	1°15'0"	200.13	399.87	NC	45
	C.C.		1,470,371.7763	489,265.1896									
	P.T.	239+00.83	1,471,128.2372	493,786.3424									
SB5355	P.C.	262+13.87	1,473,402.4167	493,365.8588									
	P.I.	264+52.14	1,473,637.0457	493,324.3377	2,546.00	475.17	10°41'36"	(RT)	2°15'2"	238.27	474.48	NC	45
	C.C.		1,473,846.0758	495,872.9054									
	P.T.	266+89.04	1,473,875.3047	493,327.0732									
SB5356	P.C.	270+04.47	1,474,190.7188	493,330.6945									
	P.I.	272+99.38	1,474,485.6143	493,334.0802	7,690.00	589.54	4°23'33"	(RT)	0°44'42"	294.91	589.40	NC	45
	C.C.		1,474,102.4352	501,020.1877									
	P.T.	275+94.01	1,474,779.3843	493,360.0415									
NB5351	P.C.	108+98.69	1,468,164.4423	494,254.7270									
	P.I.	113+03.87	1,468,563.6035	494,185.1583	15,000.00	810.16	3°05'40"	(RT)	0°22'55"	405.18	810.06	NC	45
	C.C.		1,470,739.9245	509,031.9693									
	P.T.	117+08.85	1,468,965.9382	494,131.2396									
NB5352	P.C.	117+08.85	1,468,965.9382	494,131.2396									
	P.I.	120+81.19	1,469,335.6667	494,093.2044	25,000.00	744.63	1°42'24"	(LT)	0°13'45"	372.34	744.60	NC	45
	C.C.		1,466,009.2945	469,312.6901									
	P.T.	124+53.48	1,469,703.9199	494,038.1779									
NB5353	P.C.	132+73.42	1,470,514.8614	493,917.0023									
	P.I.	135+82.47	1,470,820.5111	493,871.3303	15,000.00	618.00	2°21'38"	(RT)	0°22'55"	309.04	617.96	NC	45
	C.C.		1,472,731.6366	508,752.2949									
	P.T.	138+91.42	1,471,127.7826	493,838.2863									
NB5354	P.C.	138+91.42	1,471,127.7826	493,838.2863									
	P.I.	141+05.24	1,471,340.3780	493,815.4238	5,000.00	427.38	4°53'51"	(LT)	1°08'45"	213.82	427.25	NC	45
	C.C.		1,470,593.1646	488,866.9501									
	P.T.	143+18.80	1,471,550.2454	493,774.4950									
NB5355	P.C.	147+94.23	1,472,016.8840	493,683.4900									
	P.I.	150+11.27	1,472,229.9077	493,641.9456	20,000.00	434.06	1°14'37"	(LT)	0°17'11"	217.04	434.05	NC	45
	C.C.		1,468,188.5605	474,053.3107									
	P.T.	152+28.29	1,472,441.9796	493,595.7882									
NB5356	P.C.	152+28.29	1,472,441.9796	493,595.7882									
	P.I.	154+33.89	1,472,642.8724	493,552.0639	10,500.00	411.14	2°14'37"	(RT)	0°32'44"	205.60	411.11	NC	45
	C.C.		1,474,675.0247	503,855.5889									
	P.T.	156+39.43	1,472,845.3227	493,516.2373									
NB5357	P.C.	162+14.20	1,473,411.3038	493,416.0785									
	P.I.	164+47.71	1,473,641.2329	493,375.3892	2,495.00	465.65	10°41'36"	(RT)	2°17'47"	233.50	464.97	NC	45
	C.C.		1,473,846.0758	495,872.9054									
	P.T.	166+79.85	1,473,874.7192	493,378.0698									

Curve	Point Type	Station	Northing	Easting	Radius	Length	Delta	Rotation Direction	Degree of Curvature	Tangent	Chord	e ft/ft	Design Speed (mph)
NB5358	P.C.	169+95.29	1,474,190.1333	493,381.6911									
	P.I.	172+48.87	1,474,443.6966	493,384.6023	7,639.00	506.97	3°48'9"	(RT)	0°45'0"	253.58	506.88	NC	45
	C.C.		1,474,102.4352	501,020.1877									
	P.T.	175+02.26	1,474,696.5087	493,404.3228									
A1_5351	P.C.	2500+00.00	1,470,289.8720	493,618.7937									
	P.I.	2502+12.73	1,470,479.1871	493,715.8183	819.00	416.26	29°07'15"	(LT)	6°59'45"	212.73	411.80	0.03	45
	C.C.		1,470,663.4122	492,889.9393									
	P.T.	2504+16.26	1,470,691.7891	493,708.4476									
A1_5352	P.C.	2511+11.17	1,471,386.2759	493,684.3703									
	P.I.	2513+13.98	1,471,588.9717	493,677.3430	2,865.00	404.96	8°05'55"	(LT)	1°59'59"	202.82	404.62	NC	45
	C.C.		1,471,287.0086	490,821.0906									
	P.T.	2515+16.12	1,471,788.6561	493,641.8307									
A2_5351	P.C.	500+00.00	1,470,765.9786	493,865.3302									
	P.I.	501+00.91	1,470,657.4630	493,874.6293	220.00	202.26	52°40'35"	(LT)	26°02'37"	108.91	195.21	RC	20
	C.C.		1,470,784.7623	494,084.5269									
	P.T.	502+02.26	1,470,599.0631	493,966.5616									
A2_5352	P.C.	503+27.55	1,470,531.8847	494,072.3129									
	P.I.	505+15.22	1,470,431.2520	494,230.7275	200.00	301.45	86°21'30"	(LT)	28°38'52"	187.68	273.71	RC	20
	C.C.		1,470,700.7021	494,179.5541									
	P.T.	506+28.99	1,470,582.9548	494,341.2190									
A3_5351	P.C.	401+07.54	1,471,191.2034	492,975.5053									
	P.I.	406+30.14	1,471,712.6845	492,941.2490	620.00	868.45	80°15'21"	(RT)	9°14'29"	522.61	799.18	RC	35
	C.C.		1,471,231.8439	493,594.1719									
	P.T.	409+75.99	1,471,834.7068	493,449.4090									
B1_5351	P.C.	600+00.00	1,467,414.5983	491,788.5426									
	P.I.	602+24.32	1,467,590.6625	491,927.5493	15,000.00	448.62	1°42'49"	(RT)	0°22'55"	224.32	448.60	NC	60
	C.C.		1,458,119.5767	503,561.5020									
	P.T.	604+48.62	1,467,762.4912	492,071.7588									
B1_5353	P.C.	611+11.11	1,468,269.9537	492,497.6532									
	P.I.	615+10.39	1,468,575.7925	492,754.3323	2,865.00	793.44	15°52'4"	(RT)	1°59'59"	399.28	790.91	0.04	50
	C.C.		1,466,428.1570	494,692.1941									
	P.T.	619+04.56	1,468,799.7972	493,084.8522									
B1_5354	P.C.	619+04.56	1,468,799.7972	493,084.8522									
	P.I.	622+02.58	1,468,966.9967	493,331.5559	1,432.00	587.66	23°30'46"	(RT)	4°00'4"	298.02	583.54	0.042	35
	C.C.		1,467,614.3910	493,888.2426									
	P.T.	624+92.22	1,469,021.8901	493,624.4811									
B2_5351	P.C.	700+00.00	1,468,285.3824	492,479.2696									
	P.I.	702+00.06	1,468,438.6238	492,607.8794	6,750.00	400.00	3°23'43"	(RT)	0°50'56"	200.06	399.94	RC	50
	C.C.		1,463,946.0709	497,649.6541									
	P.T.	704+00.00	1,468,583.9793	492,745.3391									
B2_5352	P.C.	704+00.00	1,468,583.9794	492,745.3392									
	P.I.	709+34.38	1,468,972.2430	493,112.5120	8,337.00	1,067.30	7°20'6"	(LT)	0°41'14"	534.38	1,066.58	NC	50
	C.C.		1,474,312.3117	486,687.9653									
	P.T.	714+67.30	1,469,404.2066	493,427.1102									
B2_5353	P.C.	716+13.87	1,469,513.8531	493,525.5220									
	P.I.	722+23.98	1,470,007.0251	493,884.6982	250.00	590.95	135°26'8"	(RT)	22°55'6"	610.10	462.66	0.099	30
	C.C.		1,469,366.6747	493,727.6074									
	P.T.	722+04.82	1,469,403.6209	493,974.8623									
B3_5351	P.C.	804+86.79	1,469,626.1389	494,025.4413									
	P.I.	806+86.80	1,469,822.8895	493,989.4988	20,000.00	400.00	1°08'45"	(LT)	0°17'11"	200.01	399.99	NC	45
	C.C.		1,466,032.0068	474,351.0363									
	P.T.	808+86.79	1,470,018.8820	493,949.6287									

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CURVE DATA

SHEET NO. 60

Curve	Point Type	Station	Northing	Easting	Radius	Length	Delta	Rotation Direction	Degree of Curvature	Tangent	Chord	e ft/ft	Design Speed (mph)
C1_5351	P.C.	900+00.00	1,469,733.2854	494,078.2784									
	P.I.	903+75.77	1,470,104.9306	494,022.7450	917.00	713.26	44°33'58"	(RT)	6°14'53"	375.77	695.42	0.022	45
	C.C.		1,469,868.8043	494,985.2093									
	P.T.	907+13.26	1,470,408.6760	494,243.9755									
C1_5352	P.C.	917+39.23	1,471,237.9872	494,847.9977									
	P.I.	919+65.92	1,471,421.2250	494,981.4575	10,000.00	453.30	2°35'50"	(RT)	0°34'23"	226.69	453.26	NC	50
	C.C.		1,465,350.6186	502,931.2452									
	P.T.	921+92.53	1,471,598.2270	495,123.0835									
C2_5351	P.C.	1004+09.05	1,469,216.2859	494,460.4666									
	P.I.	1005+10.91	1,469,236.1242	494,560.3710	1,528.00	203.41	7°37'36"	(LT)	3°44'59"	101.86	203.26	RC	35
	C.C.		1,470,715.0230	494,162.8577									
	P.T.	1006+12.46	1,469,269.0471	494,656.7583									
C2_5352	P.C.	1006+12.46	1,469,269.0471	494,656.7583									
	P.I.	1010+12.80	1,469,398.4502	495,035.6071	795.00	741.74	53°27'25"	(LT)	7°12'25"	400.34	715.12	RC	35
	C.C.		1,470,021.3710	494,399.7878									
	P.T.	1013+54.20	1,469,779.8711	495,157.2195									
C3_5351	P.C.	300+00.00	1,469,616.0974	493,222.0076									
	P.I.	302+57.20	1,469,820.4319	493,378.2042	2,865.00	513.02	10°15'35"	(LT)	1°59'59"	257.20	512.33	0.04	50
	C.C.		1,471,356.0257	490,945.8541									
	P.T.	305+13.02	1,470,049.3192	493,495.5096									
C3_5352	P.C.	309+64.24	1,470,439.9288	493,722.6666									
	P.I.	312+75.39	1,470,716.8290	493,864.5789	100.00	251.97	144°21'58"	(RT)	57°17'45"	311.15	190.41	NC	20
	C.C.		1,470,394.3195	493,811.6599									
	P.T.	312+16.20	1,470,409.0980	493,910.5618									
D1_5351	P.C.	1100+00.00	1,470,306.0078	493,851.1446									
	P.I.	1102+00.90	1,470,504.7001	493,821.4548	5,400.00	401.61	4°15'40"	(LT)	1°03'40"	200.90	401.52	0.03	45
	C.C.		1,469,507.9687	488,510.4392									
	P.T.	1104+01.61	1,470,700.6370	493,777.0835									
D1_5352	P.C.	1104+01.61	1,470,700.6370	493,777.0835									
	P.I.	1106+34.70	1,470,927.9649	493,725.6035	2,500.00	464.82	10°39'11"	(RT)	2°17'31"	233.08	464.16	RC	45
	C.C.		1,471,252.7983	496,215.3448									
	P.T.	1108+66.44	1,471,160.8913	493,717.0347									
D1_5353	P.C.	1108+66.44	1,471,160.8913	493,717.0347									
	P.I.	1112+19.51	1,471,513.7317	493,704.0546	573.00	632.87	63°16'56"	(RT)	9°59'57"	353.08	601.19	0.082	35
	C.C.		1,471,181.9564	494,289.6474									
	P.T.	1114+99.30	1,471,683.9616	494,013.3870									
D1_5354	P.C.	1124+89.17	1,472,161.2059	494,880.6092									
	P.I.	1132+49.39	1,472,527.7298	495,546.6365	3,820.00	1,500.83	22°30'39"	(LT)	1°30'0"	760.22	1,491.19	0.043	60
	C.C.		1,475,507.9072	493,038.8735									
	P.T.	1139+90.00	1,473,121.3207	496,021.5912									
D2_5351	P.C.	1200+00.00	1,470,895.9635	493,900.3075									
	P.I.	1202+74.08	1,470,623.9543	493,933.9273	114.00	268.27	134°49'53"	(LT)	50°15'34"	274.08	210.52	0.03	20
	C.C.		1,470,909.9473	494,013.4466									
	P.T.	1202+68.27	1,470,839.5696	494,103.1293									
D2_5352	P.C.	1207+02.14	1,471,180.8931	494,370.9797									
	P.I.	1209+03.18	1,471,339.0502	494,495.0920	1,910.00	400.61	12°01'2"	(LT)	2°59'59"	201.04	399.87	0.04	40
	C.C.		1,472,360.0275	492,868.4012									
	P.T.	1211+02.75	1,471,519.5823	494,583.5548									
D2_5353	P.C.	1212+56.65	1,471,651.1792	494,664.7429									
	P.I.	1216+81.20	1,472,032.4223	494,851.5565	1,910.00	835.52	25°03'50"	(RT)	2°59'59"	424.55	828.88	0.057	50
	C.C.		1,470,810.7340	496,379.8965									
	P.T.	1220+92.17	1,472,298.6267	495,182.2842									

Curve	Point Type	Station	Northing	Easting	Radius	Length	Delta	Rotation Direction	Degree of Curvature	Tangent	Chord	e ft/ft	Design Speed (mph)
D3_5351	P.C.	1300+00.00	1,471,252.5928	494,534.0131									
	P.I.	1302+34.19	1,471,442.1491	494,671.5473	4,000.00	467.86	6°42'6"	(RT)	1°25'57"	234.19	467.59	0.03	50
	C.C.		1,468,903.5365	497,771.5947									
	P.T.	1304+67.86	1,471,614.3603	494,830.2626									
D4_5351	P.C.	1404+89.68	1,472,235.1551	493,720.5528									
	P.I.	1407+78.52	1,471,948.4858	493,755.9313	286.00	1,344.91	269°25'59"	(RT)	20°02'1"	288.84	406.46	0.097	30
	C.C.		1,472,270.1853	494,004.3993									
	P.T.	1418+34.59	1,471,986.6992	494,042.2365									
EBVINELAND1	P.C.	1504+41.94	1,469,195.9786	494,553.4614									
	P.I.	1509+43.75	1,469,288.4087	495,046.6924	840.00	904.69	61°42'30"	(LT)	6°49'15"	501.82	861.60	RC	35
	C.C.		1,470,021.6065	494,398.7409									
	P.T.	1513+46.63	1,469,766.5296	495,199.0757									
WBVINELAND1	P.C.	1603+35.12	1,469,221.0295	494,442.8281									
	P.I.	1604+91.93	1,469,249.9131	494,596.9583	1,520.00	312.52	11°46'49"	(LT)	3°46'10"	156.81	311.97	NC	35
	C.C.		1,470,715.0230	494,162.8577									
	P.T.	1606+47.64	1,469,309.6556	494,741.9452									
WBVINELAND2	P.C.	1606+47.64	1,469,309.6556	494,741.9452									
	P.I.	1607+40.71	1,469,345.1133	494,827.9965	637.00	184.83	16°37'30"	(LT)	8°59'41"	93.07	184.19	RC	35
	C.C.		1,469,898.6155	494,499.2618									
	P.T.	1608+32.47	1,469,403.7088	494,900.3059									
EBHOTELPLAZA1	P.C.	1799+92.27	1,470,349.7967	492,992.8969									
	P.I.	1801+30.24	1,470,484.6853	493,021.9169	988.00	274.18	15°54'0"	(LT)	5°47'57"	137.97	273.30	EXIST	35
	C.C.		1,470,557.6007	492,026.9976									
	P.T.	1802+66.45	1,470,622.3634	493,012.8727									
EBHOTELPLAZA2	P.C.	1807+50.31	1,471,105.1840	492,981.1560									
	P.I.	1808+82.41	1,471,236.9983	492,972.4970	911.00	262.37	16°30'4"	(RT)	6°17'22"	132.10	261.46	RC	35
	C.C.		1,471,164.8994	493,890.1967									
	P.T.	1810+12.68	1,471,365.8431	493,001.6346									
EBHOTELPLAZA3	P.C.	1810+12.68	1,471,365.8431	493,001.6346									
	P.I.	1814+13.23	1,471,756.5312	493,089.9867	607.50	708.25	66°47'51"	(RT)	9°25'53"	400.55	668.81	RC	35
	C.C.		1,471,231.8439	493,594.1719									
	P.T.	1817+20.92	1,471,829.2490	493,483.8843									
WBHOTELPLAZA1	P.C.	1899+92.67	1,470,358.6305	492,951.8364									
	P.I.	1901+24.78	1,470,487.7849	492,979.6227	946.00	262.52	15°54'0"	(LT)	6°03'24"	132.11	261.68	EXIST	35
	C.C.		1,470,557.6007	492,026.9976									
	P.T.	1902+55.19	1,470,619.6103	492,970.9631									
WBHOTELPLAZA2	P.C.	1908+16.99	1,471,180.1962	492,934.1379									
	P.I.	1914+47.22	1,471,809.0735	492,892.8266	674.00	1,013.50	86°09'22"	(RT)	8°30'3"	630.23	920.68	RC	35
	C.C.		1,471,224.3764	493,606.6883									
	P.T.	1918+30.48	1,471,892.4519	493,517.5196									
EBPALM1	P.C.	2002+23.17	1,473,293.6229	493,657.1567									
	P.I.	2004+26.01	1,473,280.8874	493,859.5967	2,700.00	404.92	8°35'34"	(RT)	2°07'19"	202.84	404.54	NC	35
	C.C.		1,470,598.9499	493,487.6347									
	P.T.	2006+28.09	1,473,238.0485	494,057.8617									
EBPALM2	P.C.	2006+28.09	1,473,238.0485	494,057.8617									
	P.I.	2011+40.72	1,473,129.7845	494,558.9239	1,800.00	998.81	31°47'35"	(LT)	3°10'59"	512.63	986.04	NC	35
	C.C.		1,474,997.4475	494,438.0131									
	P.T.	2016+26.90	1,473,301.7506	495,041.8443									
EBPALM3	P.C.	2016+26.90	1,473,301.7506	495,041.8443									
	P.I.	2018+66.41	1,473,382.0980	495,267.4781	1,058.00	471.08	25°30'41"	(LT)	5°24'56"	239.51	467.20	EXIST	35
	C.C.		1,474,298.4436	494,686.9257									
	P.T.	2020+97.98	1,473,551.7901	495,436.5074									

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
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Certificate of Authorization No. 8115
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CURVE DATA

SHEET NO. 61

PRELIMINARY: NOT FOR CONSTRUCTION

Curve	Point Type	Station	Northing	Easting	Radius	Length	Delta	Rotation Direction	Degree of Curvature	Tangent	Chord	e ft/ft	Design Speed (mph)
WBPALM1	P.C.	2104+86.35	1,473,304.9637	493,914.8831									
	P.I.	2105+96.33	1,473,298.0582	494,024.6500	3,500.00	219.90	3°35'59"	(LT)	1°38'13"	109.98	219.86	NC	35
	C.C.		1,476,798.0582	494,134.6339									
	P.T.	2107+06.24	1,473,298.0582	494,134.6339									
WBPALM2	P.C.	2113+68.26	1,473,298.0582	494,796.6497									
	P.I.	2116+45.82	1,473,298.0582	495,074.2047	850.00	536.55	36°10'3"	(LT)	6°44'26"	277.56	527.69	NC	35
	C.C.		1,474,148.0582	494,796.6498									
	P.T.	2119+04.81	1,473,461.8562	495,298.2739									
GRANDCYPRES51	P.C.	2404+05.22	1,473,777.6242	492,680.0733									
	P.I.	2406+08.05	1,473,980.2093	492,690.0313	1,280.00	402.31	18°00'31"	(LT)	4°28'34"	202.83	400.66	NC	30
	C.C.		1,473,840.4659	491,401.6169									
	P.T.	2048+07.54	1,474,175.9484	492,636.8705									
GRANDCYPRES52	P.C.	2408+07.54	1,474,175.9484	492,636.8705									
	P.I.	2414+32.77	1,474,779.3208	492,473.0006	444.00	846.53	109°14'24"	(RT)	12°54'16"	625.23	724.01	RC	30
	C.C.		1,474,292.3188	493,065.3491									
	P.T.	2416+54.07	1,474,735.2126	493,056.6721									
EBDCP1	P.C.	203+15.90	1,477,486.7116	499,066.8736									
	P.I.	203+50.72	1,477,464.9655	499,094.0688	200.00	68.95	19°45'10"	(LT)	28°38'52"	34.82	68.61	NC	25
	C.C.		1,477,642.9136	499,191.7772									
	P.T.	203+84.85	1,477,453.6899	499,121.0133									
EBDCP2	P.C.	204+69.33	1,477,426.3328	499,206.9434									
	P.I.	205+08.33	1,477,413.7042	499,243.8412	224.00	77.22	19°45'10"	(RT)	25°34'43"	39.00	76.84	NC	25
	C.C.		1,477,214.4022	499,134.4078									
	P.T.	205+46.56	1,477,389.3485	499,274.2999									
EBDCP3	P.C.	210+09.43	1,477,100.2769	499,635.8071									
	P.I.	210+49.58	1,477,075.1991	499,667.1689	224.00	79.47	20°19'35"	(RT)	25°34'43"	40.16	79.05	NC	25
	C.C.		1,476,925.3306	499,495.9150									
	P.T.	210+88.89	1,477,040.7888	499,687.8665									
EBDCP4	P.C.	212+01.45	1,476,944.3395	499,745.8805									
	P.I.	212+37.30	1,476,913.6160	499,764.3605	200.00	70.95	20°19'35"	(LT)	28°38'52"	35.85	70.58	NC	25
	C.C.		1,477,047.4272	499,911.2658									
	P.T.	212+72.40	1,476,891.2252	499,792.3621									
WBDCP1	P.C.	303+10.29	1,477,521.4545	499,087.4742									
	P.I.	303+49.62	1,477,496.8958	499,118.1867	200.00	77.66	22°14'50"	(RT)	28°38'52"	39.32	77.17	NC	25
	C.C.		1,477,365.2524	498,962.5705									
	P.T.	303+87.95	1,477,462.5375	499,137.3149									
WBDCP2	P.C.	304+77.59	1,477,384.2199	499,180.9165									
	P.I.	305+21.63	1,477,345.7385	499,202.3402	224.00	86.98	22°14'50"	(LT)	25°34'43"	44.04	86.43	NC	25
	C.C.		1,477,493.1791	499,376.6303									
	P.T.	305+64.56	1,477,318.2329	499,236.7382									
WBDCP3	P.C.	310+10.91	1,477,039.4816	499,585.3390									
	P.I.	310+53.79	1,477,012.7026	499,618.8282	224.00	84.73	21°40'25"	(LT)	25°34'43"	42.88	84.23	NC	25
	C.C.		1,477,214.4278	499,725.2311									
	P.T.	310+95.64	1,477,000.1850	499,659.8399									
WBDCP4	P.C.	311+81.41	1,476,975.1470	499,741.8726									
	P.I.	312+21.99	1,476,963.3000	499,780.6872	212.00	80.19	21°40'25"	(RT)	27°01'35"	40.58	79.72	NC	25
	C.C.		1,476,772.3814	499,679.9845									
	P.T.	312+61.61	1,476,937.9556	499,812.3824									

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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150 North Orange Avenue, Suite 200
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Certificate of Authorization No. 8115
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CURVE DATA

SHEET NO. 62

Curve	Point Type	Station	Northing	Easting	Radius	Length	Delta	Rotation Direction	Degree of Curvature	Tangent	Chord	e ft/ft	Design Speed (mph)
A_DCP1	P.C.	400+00.00	1,470,537.6759	493,970.0187									
	P.I.	403+75.30	1,470,833.7470	494,200.6552	7,639.00	750.00	5°37'31"	(LT)	0°45'0"	375.30	749.70	RC	50
	C.C.		1,475,232.1189	487,943.6993									
	P.T.	407+50.00	1,471,150.9998	494,401.1592									
A_DCP2	P.C.	411+46.31	1,471,486.0144	494,612.8886									
	P.I.	417+20.13	1,471,971.0773	494,919.4487	5,730.00	1,143.82	11°26'14"	(RT)	0°59'60"	573.82	1,141.92	0.021	50
	C.C.		1,468,424.7744	499,456.6175									
	P.T.	422+90.13	1,472,385.7181	495,316.1073									
A_DCP3	P.C.	426+79.94	1,472,667.3911	495,585.5646									
	P.I.	430+33.65	1,472,922.9848	495,830.0736	8,500.00	707.02	4°45'57"	(LT)	0°40'27"	353.71	706.81	NC	50
	C.C.		1,478,543.1366	489,443.4465									
	P.T.	433+86.95	1,473,198.0092	496,052.5019									
A_DCP4	P.C.	471+98.63	1,476,172.7114	498,435.7766									
	P.I.	475+27.47	1,476,429.4684	498,641.2264	2,865.00	654.81	13°05'43"	(LT)	1°59'59"	328.84	653.38	0.04	50
	C.C.		1,477,962.6972	496,198.7751									
	P.T.	478+53.44	1,476,726.0972	498,783.1601									
A_DCP5	P.C.	479+53.44	1,476,816.3026	498,826.3224									
	P.I.	481+64.43	1,477,006.6259	498,917.3900	2,865.00	421.22	8°25'25"	(RT)	1°59'59"	210.99	420.84	0.04	50
	C.C.		1,475,579.7026	501,410.7073									
	P.T.	483+74.66	1,477,181.5551	499,035.3561									
B_DCP1	P.C.	500+00.00	1,475,920.3414	498,573.6882									
	P.I.	502+15.68	1,476,088.7453	498,708.4346	2,292.00	430.09	10°45'5"	(RT)	2°29'59"	215.68	429.46	0.049	50
	C.C.		1,474,488.3896	500,363.3188									
	P.T.	504+30.09	1,476,229.0564	498,872.2310									
B_DCP2	P.C.	506+90.09	1,476,398.2025	499,069.6888									
	P.I.	509+35.00	1,476,557.5361	499,255.6918	4,584.00	489.37	6°07'0"	(LT)	1°15'0"	244.92	489.14	0.026	50
	C.C.		1,479,879.5361	496,087.5131									
	P.T.	511+79.46	1,476,735.7818	499,423.6583									
C_DCP1	P.C.	605+97.57	1,477,503.5495	500,020.6645									
	P.I.	608+20.08	1,477,689.8634	500,142.3188	8,337.00	444.92	3°03'28"	(LT)	0°41'14"	222.51	444.87	NC	50
	C.C.		1,482,061.5996	493,039.9949									
	P.T.	610+42.49	1,477,882.4013	500,253.8615									
C_DCP2	P.C.	613+42.49	1,478,141.9862	500,404.2464									
	P.I.	616+33.02	1,478,393.3790	500,549.8854	3,900.00	579.99	8°31'15"	(RT)	1°28'9"	290.53	579.46	0.03	50
	C.C.		1,476,186.9816	503,778.8511									
	P.T.	619+22.48	1,478,620.4177	500,731.1653									
D_DCP1	P.C.	702+94.00	1,477,620.6507	499,390.0629									
	P.I.	705+02.74	1,477,769.4263	499,536.4758	10,000.00	417.41	2°23'30"	(RT)	0°34'23"	208.74	417.38	NC	50
	C.C.		1,470,606.4056	506,517.5005									
	P.T.	707+11.41	1,477,911.9626	499,688.9693									
D_DCP2	P.C.	708+31.41	1,477,993.9049	499,776.6360									
	P.I.	712+30.42	1,478,266.3703	500,068.1352	3,900.00	795.25	11°41'0"	(LT)	1°28'9"	399.01	793.88	0.03	50
	C.C.		1,480,843.0721	497,113.5089									
	P.T.	716+26.67	1,478,592.2195	500,298.4205									
A_CFP1	P.C.	100+00.00	1,480,743.7137	502,096.3668									
	P.I.	103+49.99	1,481,017.2174	502,314.7469	10,000.00	699.70	4°00'32"	(LT)	0°34'23"	349.99	699.56	NC	50
	C.C.		1,486,983.2934	494,281.7878									
	P.T.	106+99.70	1,481,305.3195	502,513.4712									
A_CFP2	P.C.	112+51.60	1,481,759.6261	502,826.8386									
	P.I.	114+75.46	1,481,943.9027	502,953.9472	6,171.00	447.53	4°09'19"	(LT)	0°55'42"	223.86	447.43	RC	50
	C.C.		1,485,263.5038	497,747.0667									
	P.T.	116+99.13	1,482,136.9050	503,067.3695									

Curve	Point Type	Station	Northing	Easting	Radius	Length	Delta	Rotation Direction	Degree of Curvature	Tangent	Chord	e ft/ft	Design Speed (mph)
A_CFP3	P.C.	116+99.13	1,482,136.9050	503,067.3695									
	P.I.	118+03.49	1,482,226.8811	503,120.2460	110.00	167.00	86°59'14"	(LT)	52°05'13"	104.36	151.42	RC	20
	C.C.		1,482,192.6376	502,972.5334									
	P.T.	118+66.13	1,482,284.4135	503,033.1733									
B_CFP1	P.C.	200+00.00	1,476,734.1201	499,209.4550									
	P.I.	203+57.59	1,477,013.3349	499,432.8655	3,900.00	713.19	10°28'40"	(RT)	1°28'9"	357.59	712.20	0.03	50
	C.C.		1,474,297.5528	502,254.6381									
	P.T.	207+13.19	1,477,247.2664	499,703.3267									
B_CFP2	P.C.	210+17.19	1,477,446.1378	499,933.2531									
	P.I.	213+75.66	1,477,680.6421	500,204.3766	2,292.00	711.18	17°46'41"	(LT)	2°29'59"	358.47	708.33	0.049	50
	C.C.		1,479,179.6618	498,433.8670									
	P.T.	217+28.37	1,477,986.7305	500,390.9513									
B_CFP3	P.C.	221+49.32	1,478,346.1653	500,610.0431									
	P.I.	223+91.04	1,478,552.5682	500,735.8550	3,820.00	482.81	7°14'30"	(RT)	1°30'0"	241.72	482.48	0.031	50
	C.C.		1,476,357.9464	503,871.8502									
	P.T.	226+32.12	1,478,741.4659	500,886.6810									
B_CFP4	P.C.	253+17.55	1,480,842.3118	502,559.5561									
	P.I.	255+40.43	1,481,014.6642	502,700.8752	8,337.00	445.66	3°03'46"	(RT)	0°41'14"	222.88	445.61	NC	50
	C.C.		1,475,556.2094	509,006.4693									
	P.T.	257+63.20	1,481,179.2197	502,851.2013									
B_CFP5	P.C.	257+63.20	1,481,179.2197	502,851.2013									
	P.I.	262+47.14	1,481,536.5109	503,177.5968	8,337.00	966.78	6°38'39"	(LT)	0°41'14"	483.93	966.24	NC	50
	C.C.		1,486,802.2300	496,695.9333									
	P.T.	267+29.98	1,481,929.1673	503,460.4606									
C_CFP1	P.C.	300+00.00	1,479,578.2469	501,164.5158									
	P.I.	302+18.32	1,479,748.8514	501,300.7356	6,171.00	436.45	4°03'8"	(LT)	0°55'42"	218.32	436.36	RC	50
	C.C.		1,483,428.6915	496,342.1391									
	P.T.	304+36.45	1,479,928.6556	501,424.5587									
C_CFP2	P.C.	304+36.45	1,479,928.6556	501,424.5587									
	P.I.	307+31.39	1,480,171.5704	501,591.8434	8,337.00	589.64	4°03'8"	(RT)	0°41'14"	294.94	589.52	NC	50
	C.C.		1,475,200.1189	508,290.8903									
	P.T.	310+26.09	1,480,402.0565	501,775.8758									
C_CFP3	P.C.	312+30.35	1,480,561.6772	501,903.3256									
	P.I.	314+43.44	1,480,728.1935	502,036.2812	8,337.00	426.08	2°55'41"	(LT)	0°41'14"	213.08	426.03	NC	50
	C.C.		1,485,763.6148	495,388.3111									
	P.T.	316+56.43	1,480,901.2844	502,160.5568									
C_CFP4	P.C.	323+42.09	1,481,458.2536	502,560.4489									
	P.I.	331+44.28	1,482,109.8874	503,028.3084	1,210.00	1,416.77	67°05'12"	(RT)	4°44'7"	802.20	1,337.21	0.07	45
	C.C.		1,480,752.5537	503,543.3466									
	P.T.	337+58.85	1,481,932.6521	503,810.6809									

REVISIONS

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Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CURVE DATA

SHEET NO. 63

PRELIMINARY: NOT FOR CONSTRUCTION

GENERAL NOTES:

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

2. FOR COMPARISON PURPOSES, A CONVERSION FACTOR OF 1.02' SHOULD BE USED WHEN COMPARING 1929 NGVD ELEVATIONS. ACTUAL DIFFERENCES BETWEEN 1929 NGVD AND 1988 NAVD VARIES PER LOCATION AND SHOULD BE VERIFIED PER SITE LOCATION. NOTE THAT 1988 NAVD ELEVATIONS ARE LOWER THAN 1929 NGVD ELEVATIONS.

3. SIGN CONVENTION FOR ROADWAY CROSS SLOPE, AS DETAILED IN THE ROADWAY PROFILES, IS AS FOLLOWS:



4. SPECIAL EVENT DAYS FOR THIS PROJECT INCLUDE:
   UNIVERSITY OF CENTRAL FLORIDA HOME GAMES
   RED HOT & BOOM FIREWORK DISPLAY
   DAYTONA BIKE WEEK
   BIKETOBERFEST

5. CONCRETE BARRIER WALL INLET OFFSETS ARE CALLED OUT AT GRATE ELEVATION LOCATION, BACK OF INLET AT WALL FACE.

6. CONCRETE BARRIER WALL INLET (C&G) OFFSETS ARE CALLED OUT AT THE BACK OF THE INLET AT WALL FACE.

7. DITCH BOTTOM INLETS SHALL USE STEEL GRATES UNLESS OTHERWISE APPROVED BY THE ENGINEER OF RECORD.

8. THE CONTRACTOR SHALL REMOVE ANY SECTION OF ANY EXISTING UTILITIES TO BE PLACED OUT OF SERVICE AND LEFT IN PLACE, THAT IS IN CONFLICT WITH ANY PROPOSED STRUCTURE FOUNDATIONS, PROPOSED DRAINAGE STRUCTURES AND PIPES, PROPOSED NOISE WALLS, PROPOSED RETAINING OR GRAVITY WALLS, PROPOSED MISCELLANEOUS STRUCTURES, AND ANY PROPOSED UTILITIES AS REQUIRED AFTER THE UTILITY OWNERS HAS PLACED SAID EXISTING UTILITIES OUT OF SERVICE. ALL EXISTING UTILITIES REMOVED WILL BECOME THE PROPERTY OF THE CONTRACTOR AND IS TO BE REMOVED FROM THE PROJECT SITE TO BE DISPOSED OF PROPERLY AND LEGALLY.

9. SOME FORM OF GROUNDWATER CONTROL (DEWATERING) MAY BE REQUIRED DURING CONSTRUCTION IN AREAS OF HIGH OR PERCHED GROUNDWATER CONDITIONS. POSITIVE SITE DRAINAGE SHOULD BE ESTABLISHED EARLY DURING CONSTRUCTION IN ORDER TO REDUCE PONDING OF SURFACE WATER DURING HEAVY OR PROLONGED RAINS

10. GROUNDWATER MAY PERCH TEMPORARILY AT HIGHER LEVELS ON TOP OF CLAYEY SOILS (STRATA 3, 4 AND 5) DURING PERIODS OF HEAVY AND/OR PROLONGED RAINFALL

UTILITY GENERAL NOTES:

1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATION BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED

2. UTILITY/AGENCY OWNERS:

COMPANY	TELEPHONE NUMBER
AT&T FLORIDA FLORIDA	407-351-8180
BRIGHT HOUSE NETWORKS/CHARTER	407-532-8509
CENTURYLINK WINTER GARDEN	407-841-5293
COMCAST CABLE COMMUNICATIONS (ORLANDO)	352-315-8528
DUKE ENERGY - DISTRIBUTION	352-459-4671
DUKE ENERGY - TRANSMISSION	813-909-1210
ENTERPRISE COMMUNITY DEVELOPMENT DISTRICT	407-572-6358
FLORIDA GAS TRANSMISSION	407-838-7171
GULF STREAM NATURAL GAS	941-723-7104
KINDER MORGAN CENTRAL FLORIDA PIPELINE	813-781-1718
CENTURYLINK/LEVEL 3 COMMUNICATIONS	407-754-0116
ORANGE COUNTY PUBLIC WORKS	407-836-7804
ORANGE COUNTY UTILITIES W/S	407-254-9718
ORLANDO TELEPHONE/SUMMIT BROADBAND	321-356-2995
ORLANDO UTILITIES COMMISSION - COMMUNICATIONS	407-236-9651
ORLANDO UTILITIES COMMISSION - ELECTRIC (D)	407-236-9651
ORLANDO UTILITIES COMMISSION - ELECTRIC (T)	407-236-9651
ORLANDO UTILITIES COMMISSION - LIGHTING	407-236-9651
ORLANDO UTILITIES COMMISSION - CHILLED WATER	407-236-9651
ORLANDO UTILITIES COMMISSION - WATER	407-236-9651
REEDY CREEK ENERGY SERVICES	407-824-4759
SMART CITY SOLUTIONS	407-828-6648
TAMPA ELECTRIC COMPANY	813-275-3037
TECO PEOPLES GAS - ORLANDO	407-420-2678
VERIZON BUSINESS (MCI)	813-635-0640

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
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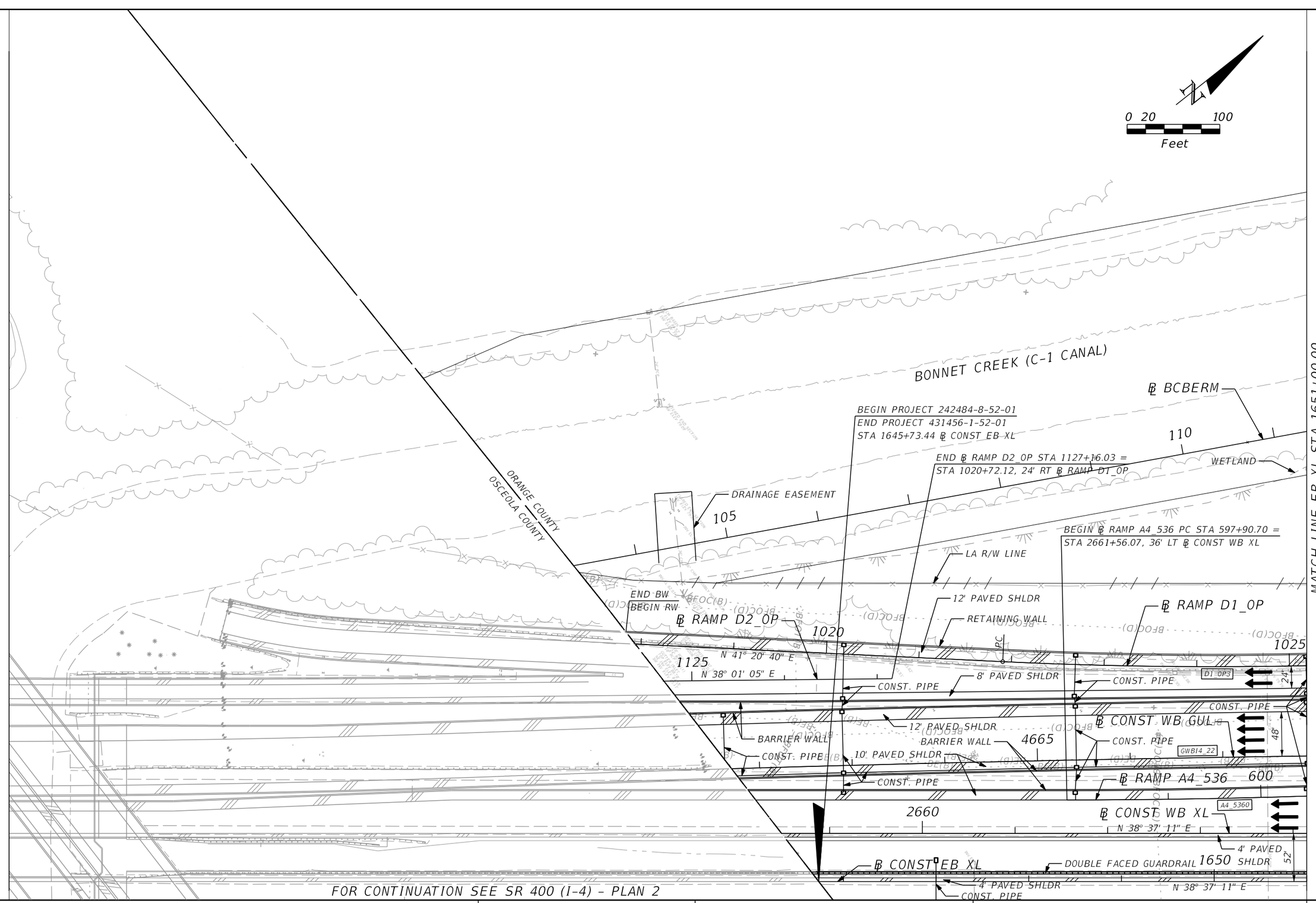
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

GENERAL NOTES

SHEET NO. 64



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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 1

SHEET NO. 65

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FOR CONTINUATION SEE SR 400 (I-4) - PLAN 1

℄ CONST EB XL

DOUBLE FACED GUARDRAIL

1650

END BW
BEGIN RW

4' PAVED SHLDR

CONST. PIPE

℄ RAMP B4_536

N 38° 37' 11" E

24"

CONST. PIPE

CONST. PIPE

1110

RETAINING WALL

3660 RW

N 38° 37' 11" E

15"

10' PAVED SHLDR

CONST. PIPE

CONST. PIPE

END RW

END BW
BEGIN RW

BARRIER WALL

2405

BEGIN BW

N 40° 39' 16" E

CONST. PIPE

CONST. PIPE

12' PAVED SHLDR

6' PAVED SHLDR

BARRIER WALL

℄ RAMP B5_536

RETAINING WALL

℄ CONST EB GUL

CONST. PIPE

POND 130

BEGIN PROJECT 242484-8-52-01
END PROJECT 431456-1-52-01
STA 1645+73.44 ℄ CONST EB XL

ORANGE COUNTY
OSCEOLA COUNTY

℄ RAMP A3_OP

BARRIER WALL

CONST. PIPE

RETAINING WALL

BEGIN RW

MATCH LINE EB XL STA 1651+00.00

0 20 100
Feet

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 2

SHEET NO. 66

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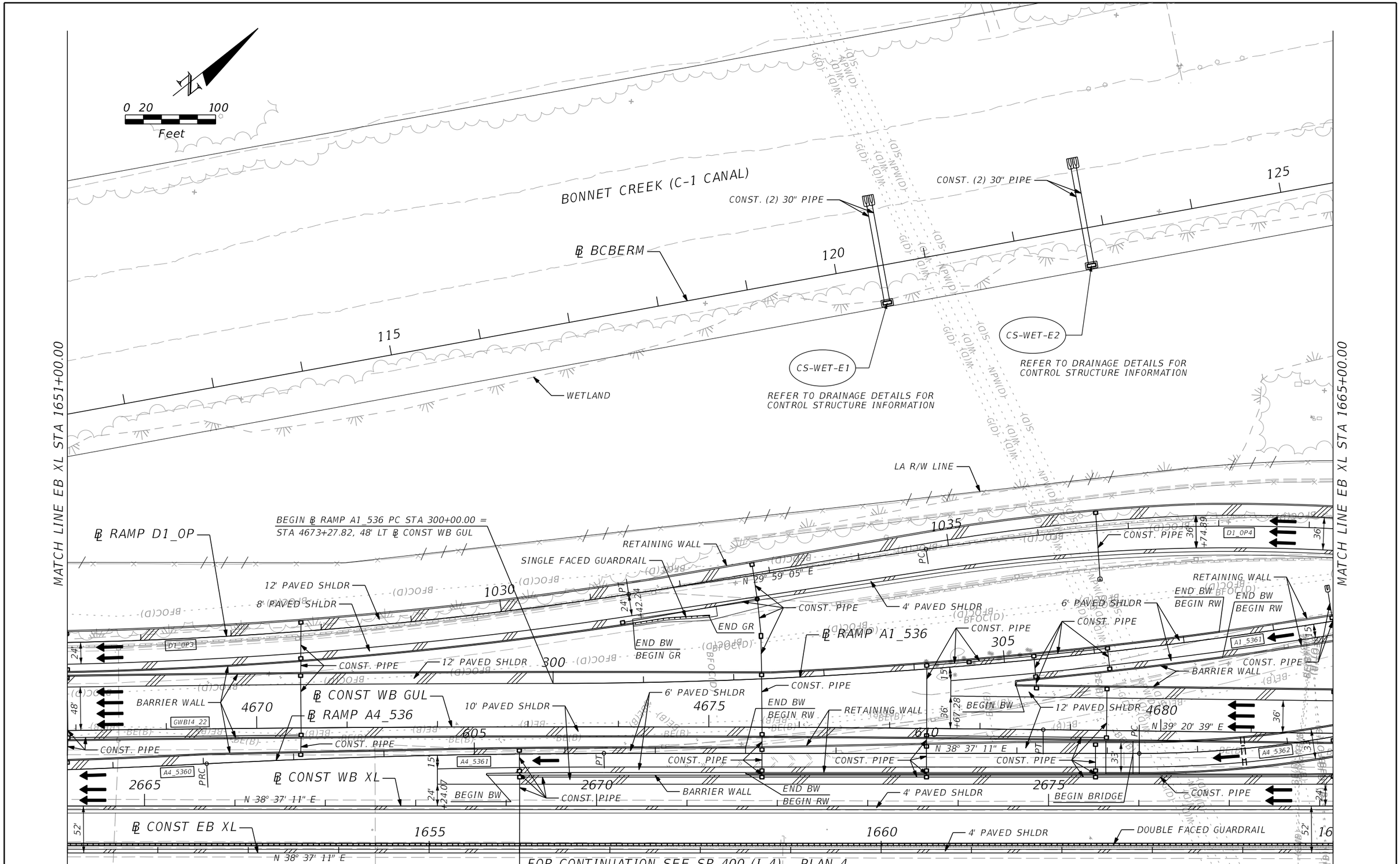

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 3

SHEET NO.
67

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ CONST EB XL
1655
FOR CONTINUATION SEE SR 400 (I-4) - PLAN 3
1660
4' PAVED SHLDR
DOUBLE FACED GUARDRAIL
16
MATCH LINE EB XL STA 1651+00.00
MATCH LINE EB XL STA 1665+00.00
N 38° 37' 11" E
CONST. PIPE
24"
15'
1115
3665
10' PAVED SHLDR
48"
+63.88
℄ CONST EB GUL
24'
N 40° 39' 16" E
2410
CRASH CUSHION
BEGIN BW
PC
12' PAVED SHLDR
RETAINING WALL
8' PAVED SHLDR
BARRIER WALL
6' PAVED SHLDR
36'
+23.88
N 38° 39' 16" E
BEGIN BRIDGE
29'
PC
1120
3670
BARRIER WALL
END BW
BEGIN RW
2415
B5_5361
℄ RAMP B5_536
END RW
BEGIN BW
POND 130
540
RETAINING WALL
CONST. PIPE
℄ RAMP A3_0P
A3_0P4
PT
8' PAVED SHLDR
CONST. 10' x 12' CBC
SHLDR GUTTER
535
910
C_0P2
℄ RAMP C_0P
SINGLE FACED GUARDRAIL
4' PAVED SHLDR
END BW
BEGIN BW
N 07° 0' 30" E
N 06° 0' 30" E
BEGIN SG
BEGIN GR
BARRIER WALL
6' PAVED SHLDR
RETAINING WALL
ORANGE COUNTY
OSCEOLA COUNTY
END ℄ RAMP C_0P PT STA 914+40.32 =
STA 540+07.38, 24' RT ℄ RAMP A3_0P
BRIDGE PIER (TYP.)
B4 5362
38'
+00.00
48'
+80.00
3675
8' PAVED SHLDR
6' PAVED SHLDR
SHLDR GUTTER
END BW
BEGIN SG
N 56° 31' 21" E
1125
℄ RAMP B4_536
6' PAVED SHLDR
BEGIN EXIST. BRIDGE
545
2420
N 47° 08' 50" E
10' PAVED SHLDR
N 27° 23' 38" E
END GR
END SG
BEGIN BW
END EXIST. BRIDGE
A3_0P5
0 20 100
Feet
PRELIMINARY: NOT FOR CONSTRUCTION

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 4

SHEET NO. 68

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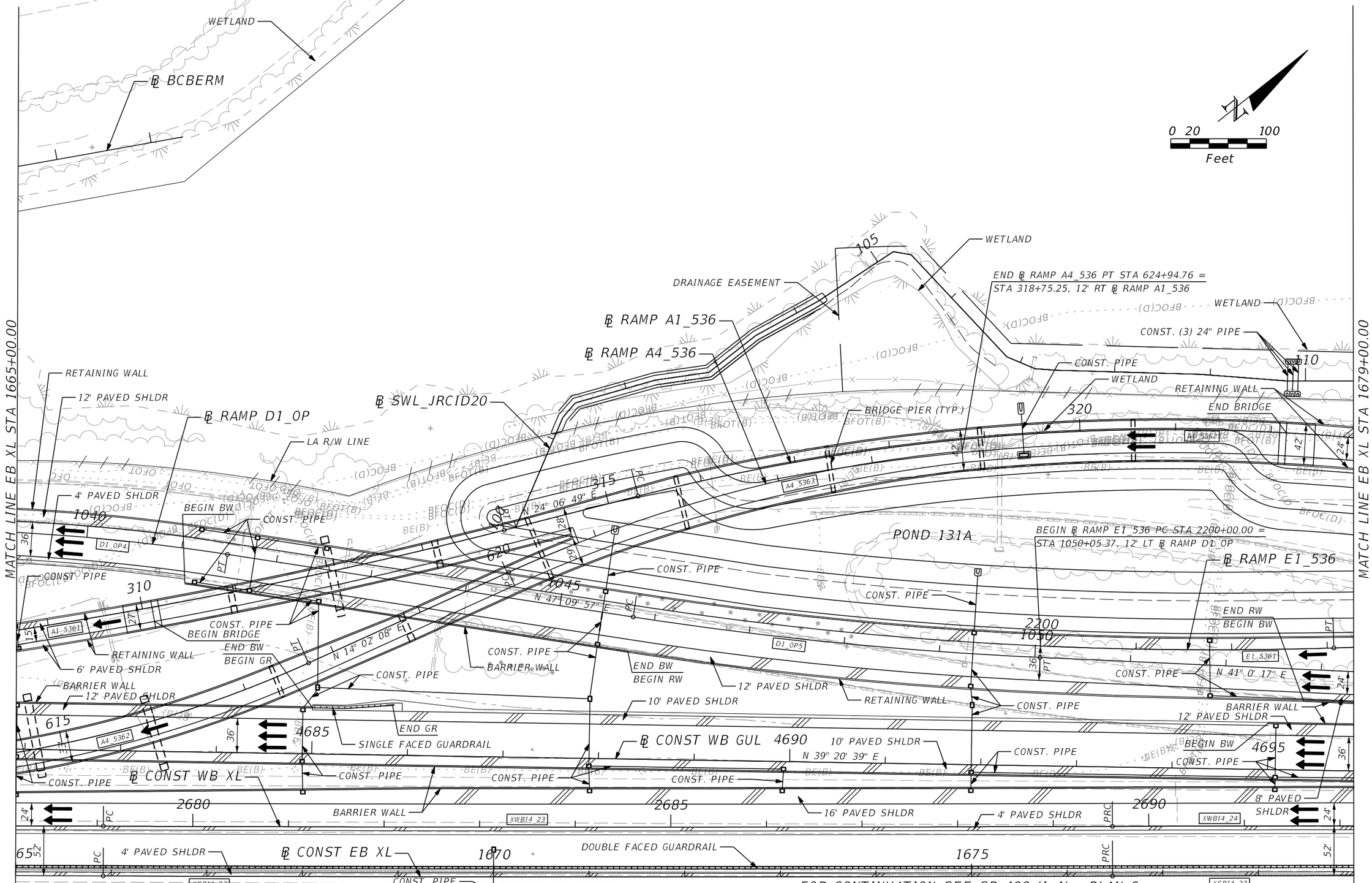

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 5

SHEET NO. 69

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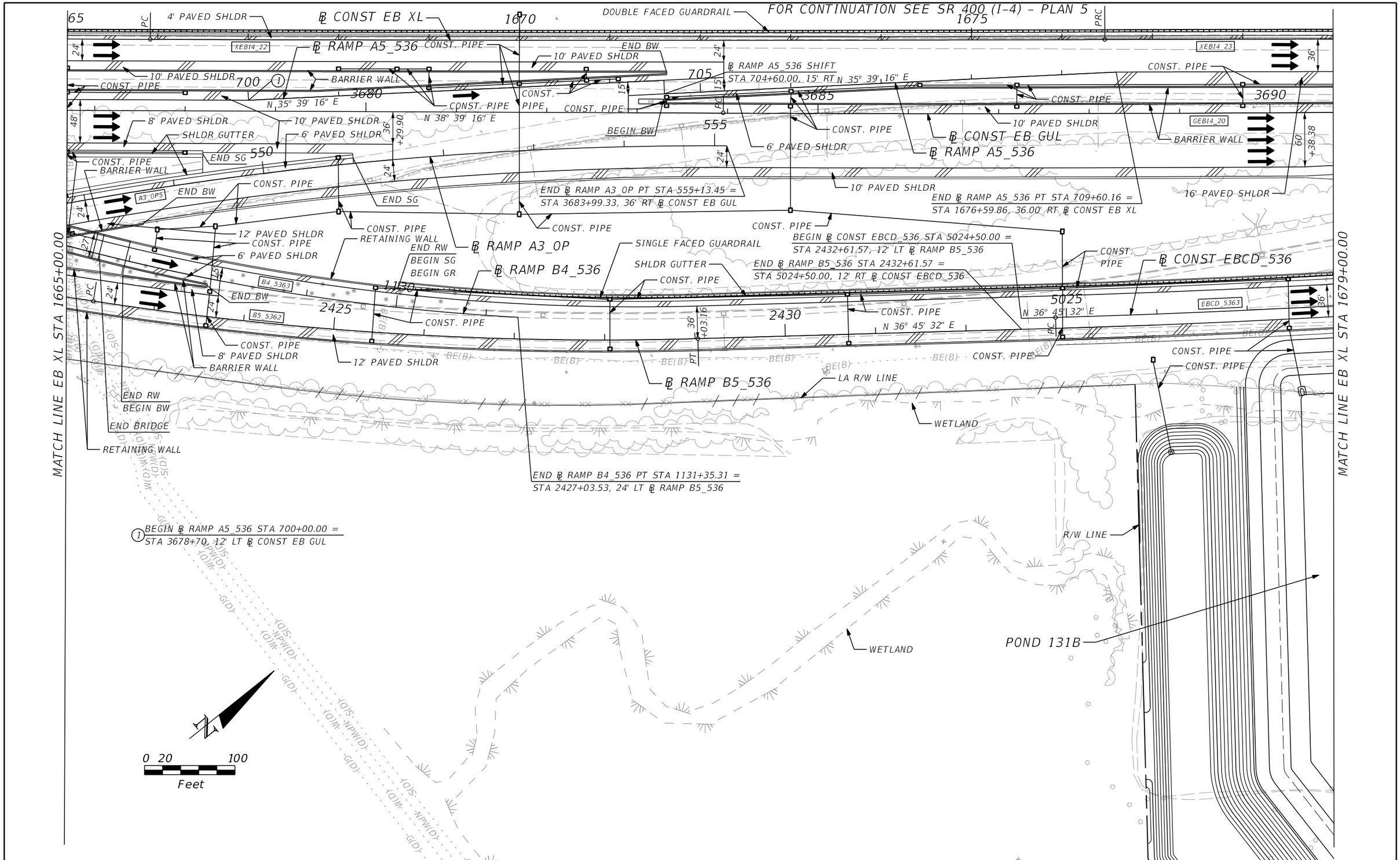

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 6

SHEET NO. 70

PRELIMINARY: NOT FOR CONSTRUCTION

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FOR CONTINUATION SEE SR 536 - PLAN 5

0 20 100
Feet

MATCH LINE EB XL STA 1679+00.00

MATCH LINE EB XL STA 1693+00.00

℄ SWL_JRCID20

℄ RAMP A1_536

℄ RAMP E2_536

℄ RAMP A2_536

℄ RAMP A3_536

℄ RAMP E1_536

℄ RAMP D1_OP

℄ CONST WB GUL

℄ CONST WB XL

℄ CONST EB XL

WETLAND

DRAINAGE EASEMENT

8' PAVED SHLDR

BEGIN ℄ RAMP E2_536 PC STA 2300+00.00 = STA 323+23.42, 12' RT ℄ RAMP A1_536

10' PAVED SHLDR

CONST. (3) 24" PIPE

RETAINING WALL

CONST. PIPE

BARRIER WALL

BEGIN BW

N 44° 18' 48" E

CONST. PIPE

6' PAVED SHLDR

POND ACCESS

N 49° 47' 55" E

RETAINING WALL

POND 131A

CONST. PIPE

CONST. PIPE

℄ RAMP E1_536 SHIFT STA 2207+74.37, 15' RT

CONST. PIPE

8' PAVED SHLDR

6' PAVED SHLDR

BARRIER WALL

N 36° 34' 09" E

CONST. PIPE

BEGIN BW

CONST. PIPE

N 41° 00' 17" E

12' PAVED SHLDR

CONST. PIPE

BARRIER WALL

10' PAVED SHLDR

16' PAVED SHLDR

N 39° 20' 39" E

CONST. PIPE

4' PAVED SHLDR

4' PAVED SHLDR

END RW

BEGIN GR

SINGLE FACED GUARDRAIL

END BW

BEGIN GR

BEGIN SG

END RW

BEGIN GR

SINGLE FACED GUARDRAIL

END GR

END GR

SINGLE FACED GUARDRAIL

CONST. PIPE

CRASH CUSHION

END BW

END BW

BEGIN GR

BEGIN SG

CONST. PIPE

DOUBLE FACED GUARDRAIL

FOR CONTINUATION SEE SR 400 (I-4) - PLAN 8

CONST. PIPE

CONST. PIPE

BARRIER WALL

SHLDR GUTTER

SHLDR GUTTER

END BW

RETAINING WALL

LA R/W LINE

CONST. PIPE

WETLAND

12' PAVED SHLDR

CD-4

CONST. (8) 24" PIPE

6' PAVED SHLDR

BEGIN GR

CONST. (3) 48" PIPE

CONST. PIPE

SINGLE FACED GUARDRAIL

10' PAVED SHLDR

WETLAND

END ℄ RAMP E2_536 PT STA 2312+78.64 = STA 2216+19.96, 24' LT ℄ RAMP E1_536

CONST. (3) 48" PIPE

SHLDR GUTTER

CONST. PIPE

4' PAVED SHLDR

CONST. PIPE

END GR

BEGIN BRIDGE

CONST. PIPE

4' PAVED SHLDR

SHLDR GUTTER

CONST. PIPE

8' PAVED SHLDR

12' PAVED SHLDR

END SG

BEGIN BW

SINGLE FACED GUARDRAIL

END DOUBLE FACED GR

BEGIN SINGLE FACED GR

BRIDGE PIER (TYP.)

1690

WETLAND

BEGIN GR

BEGIN GR

2' PAVED SHLDR

CONST. PIPE

CONST. PIPE

4' PAVED SHLDR

6' PAVED SHLDR

SINGLE FACED GUARDRAIL

WETLAND

CONST. PIPE

8' PAVED SHLDR

SHLDR GUTTER

END GR

END SG

CONST. PIPE

BARRIER WALL

END GR

BEGIN DOUBLE FACED GR

DOUBLE FACED GUARDRAIL

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 7

SHEET NO. 71

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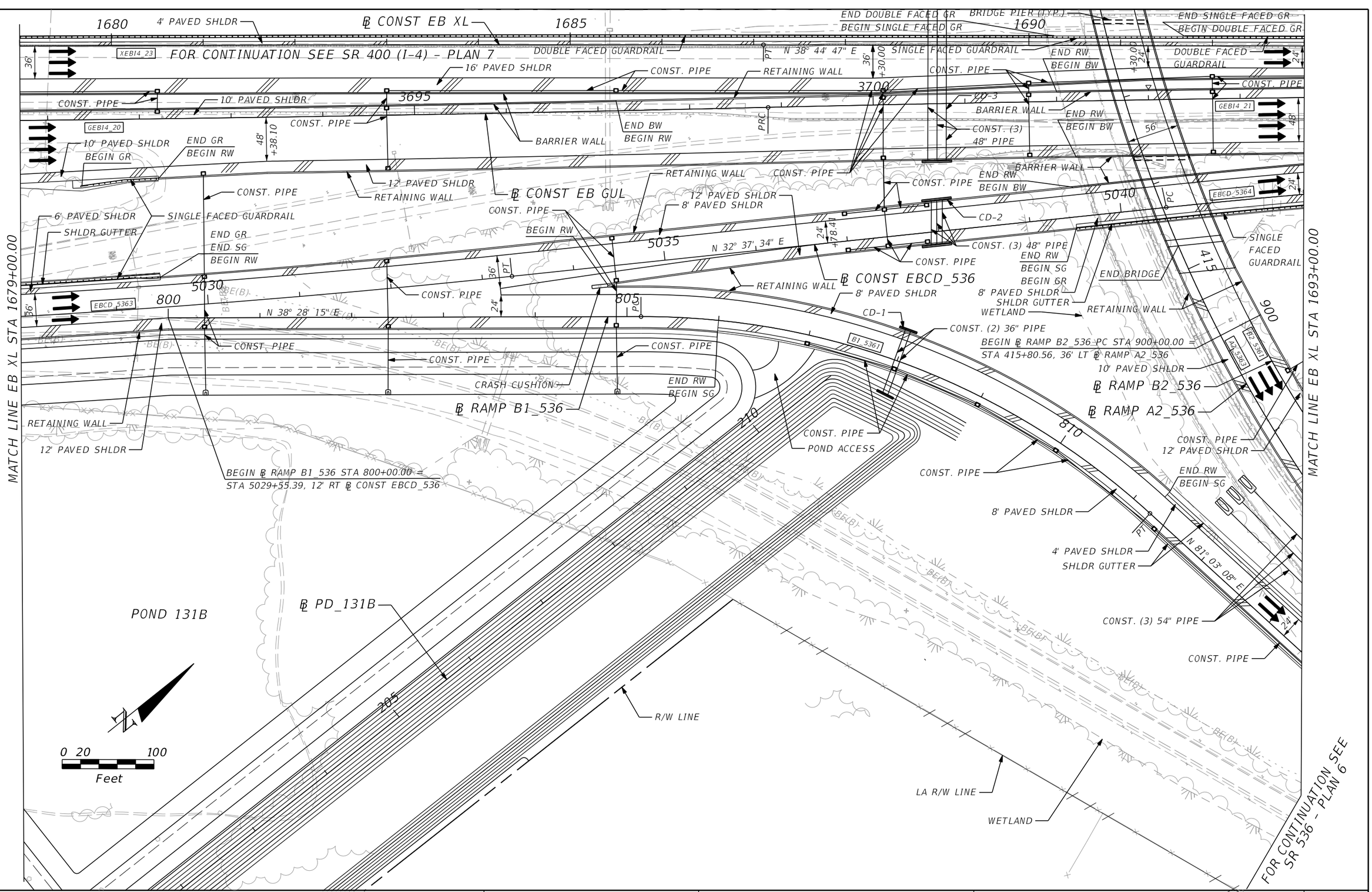

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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SR 400 (I-4) - PLAN 8

SHEET NO. 72

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FOR CONTINUATION SEE SR 536 – PLAN 2

CONST. PIPE

WETLAND

4' PAVED SHLDR

2' PAVED SHLDR

CONST. PIPE

SINGLE FACED GUARDRAIL

PCC

END SG

℄ RAMP A3_536

END RW
BEGIN GR
BEGIN SG

BEGIN ℄ RAMP A3_536 PC STA 500+00.00 =
STA 126+00.45, 68' RT ℄ SURVEY SR 536

CONST. (8) 24" PIPE

POND 132

CONST. PIPE

RETAINING WALL

10' PAVED SHLDR

4' PAVED SHLDR

CONST. PIPE

℄ RAMP D1_OP

END ℄ RAMP D1_OP STA 1069+63.12 =
STA 4712+17.50, 48' LT ℄ CONST WB GUL

SHLDR GUTTER

4' PAVED SHLDR

2' PAVED SHLDR

POND ACCESS

END ℄ RAMP A3_536 PT STA 520+06.14 =
STA 2220+92.99, 36' LT ℄ RAMP E1_536

℄ RAMP E1_536

CONST. (3) 72" PIPE

SINGLE FACED GUARDRAIL

SHLDR GUTTER

CONST. PIPE

8' PAVED SHLDR

CONST. PIPE

SHLDR GUTTER

CONST. PIPE

BARRIER WALL

10' PAVED SHLDR

BARRIER WALL

4' PAVED SHLDR

TOLL SITE

℄ CONST EB XL

FOR CONTINUATION SEE SR 400 (I-4) – PLAN 10

MATCH LINE EB XL STA 1693+00.00

SHLDR GUTTER

CONST. PIPE

8' PAVED SHLDR

CONST. PIPE

END SG

CONST. PIPE

N 41° 00' 17" E

CONST. PIPE

CONST. PIPE

N 38° 44' 47" E

N 38° 44' 47" E

4' PAVED SHLDR

N 38° 44' 47" E

8' PAVED SHLDR

12' PAVED SHLDR

CONST. PIPE

CONST. PIPE

CONST. PIPE

℄ CONST WB GUL

CONST. PIPE

SINGLE FACED GUARDRAIL

CONST. PIPE

N 38° 37' 56" E

BEGIN GR

℄ CONST WB XL

CONST. (3) 72" PIPE

END DOUBLE FACED GR

BEGIN SINGLE FACED GR

N 38° 44' 47" E

DOUBLE FACED GUARDRAIL

BRIDGE PIER (TYP.)

S 66° 19' 40" E

SHLDR GUTTER

CONST. PIPE

8' PAVED SHLDR

2' PAVED SHLDR

CONST. PIPE

6' PAVED SHLDR

2' PAVED SHLDR

0 20 100
Feet

℄ RAMP D3_536

POND 134A

CONST. PIPE

WETLAND

END SG

END ℄ RAMP D3_536 PT STA 1922+38.73 =
STA 128+20.78, 68' LT ℄ SURVEY SR 536

RETAINING WALL

10' PAVED SHLDR

4' PAVED SHLDR

BEGIN ℄ RAMP D3_536 PC STA 1900+00.00 =
STA 2231+10.20, 36' LT ℄ RAMP E1_536

CONST. PIPE

℄ SURVEY SR 536

BEGIN GR

CONST. PIPE

END GR

RETAINING WALL

BEGIN BRIDGE

BARRIER WALL

CONST. PIPE

POND ACCESS

CONST. PIPE

CONST. PIPE

BEGIN BRIDGE

RETAINING WALL

CONST. PIPE

BEGIN RW

BARRIER WALL

BRIDGE PIER (TYP.)

SINGLE FACED GUARDRAIL

MATCH LINE EB XL STA 1707+00.00

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SR 400 (I-4) - PLAN 9

SHEET NO. 73

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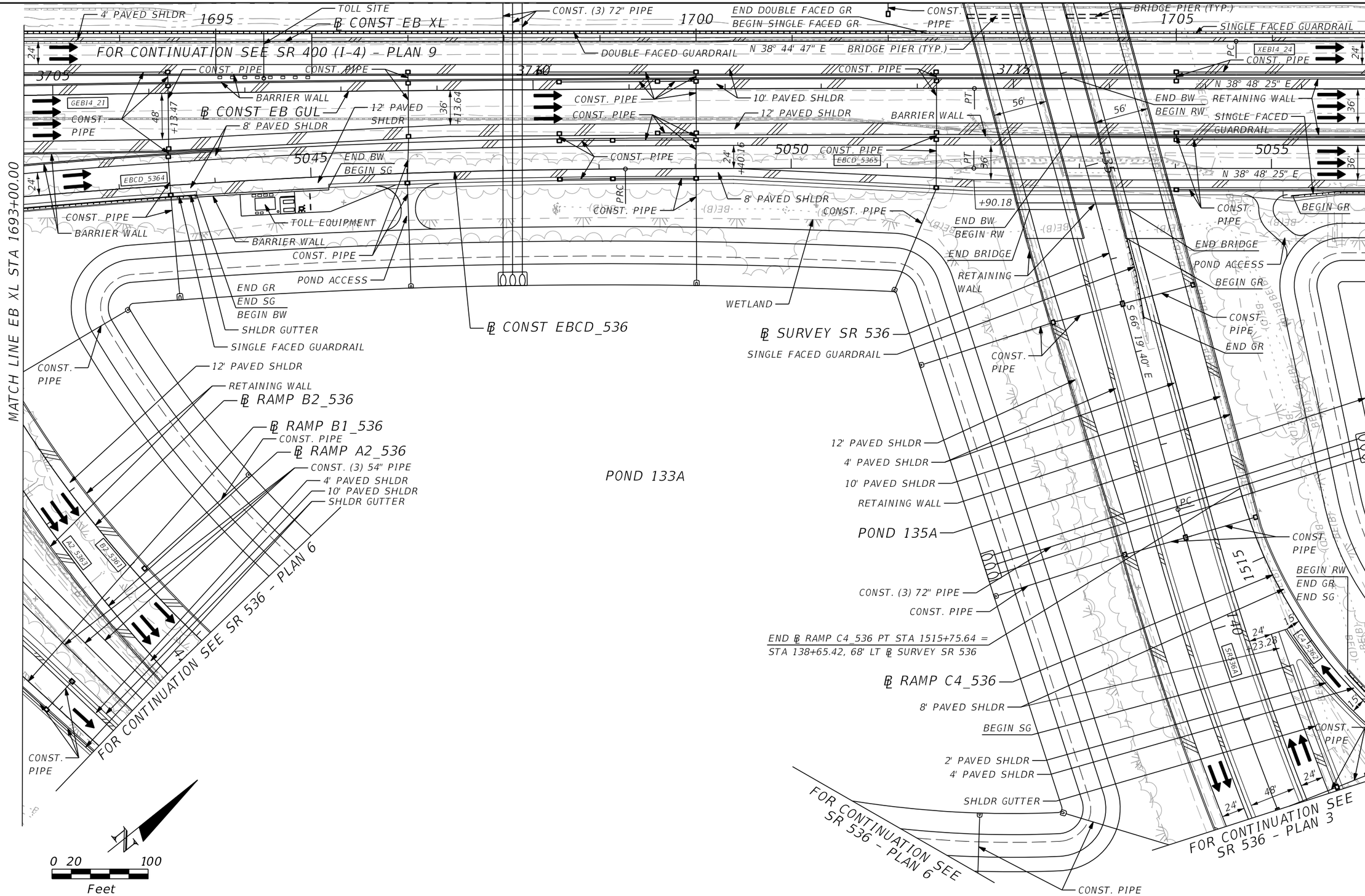

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 10

SHEET NO. 74

PRELIMINARY: NOT FOR CONSTRUCTION

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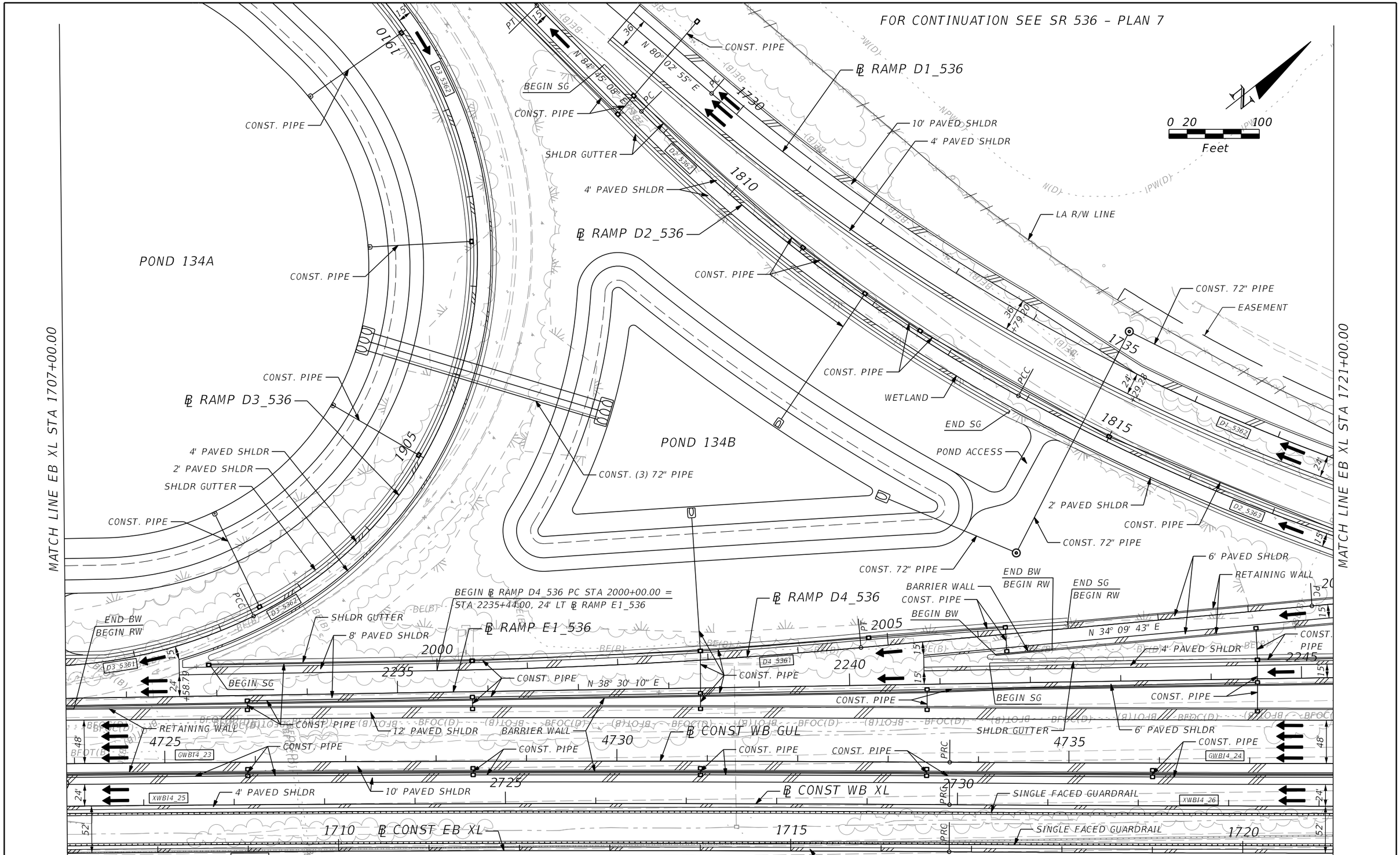

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 11

SHEET NO. 75

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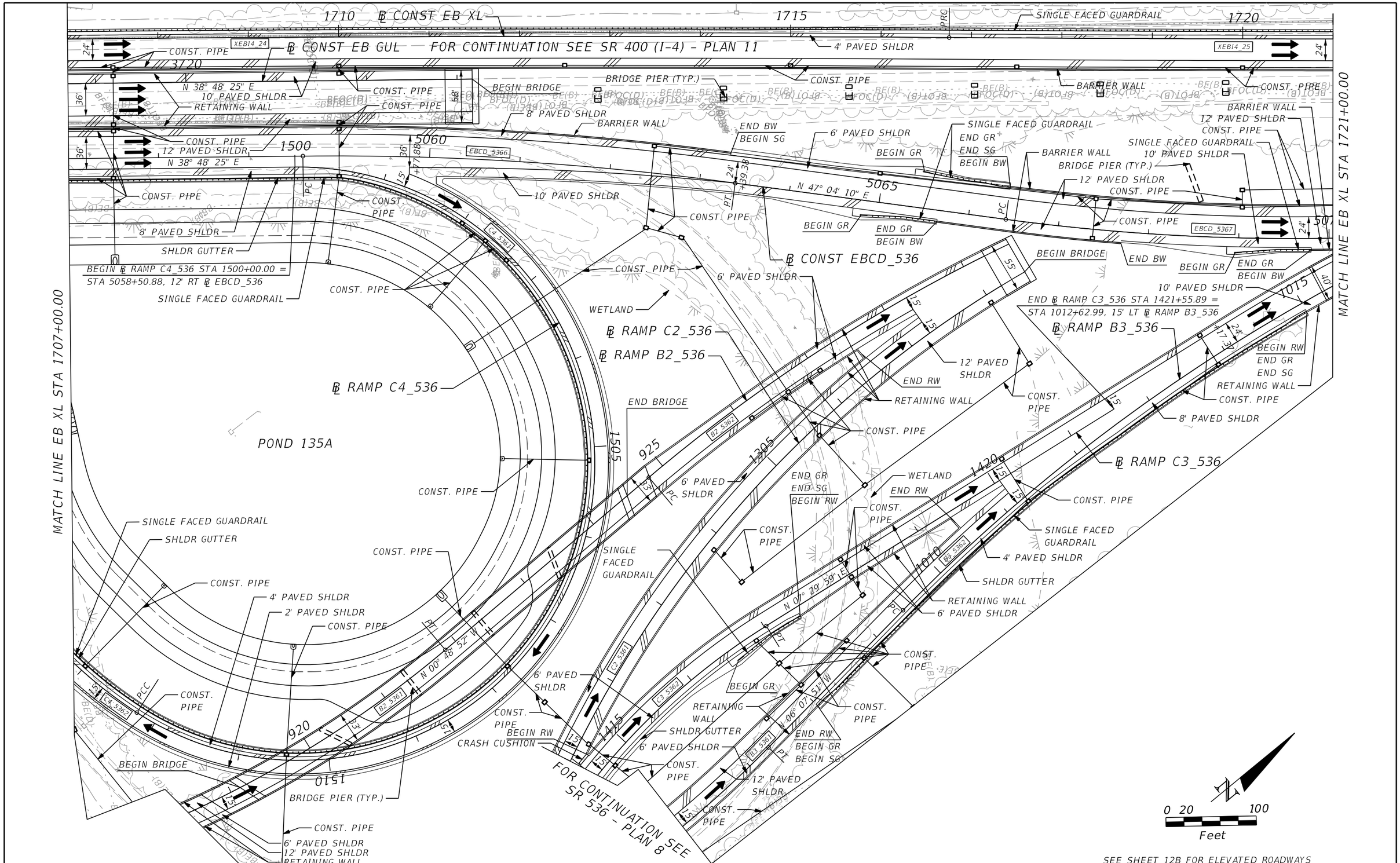

SEE SHEET 12B FOR ELEVATED ROADWAYS

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 12A

SHEET NO. 76

PRELIMINARY: NOT FOR CONSTRUCTION

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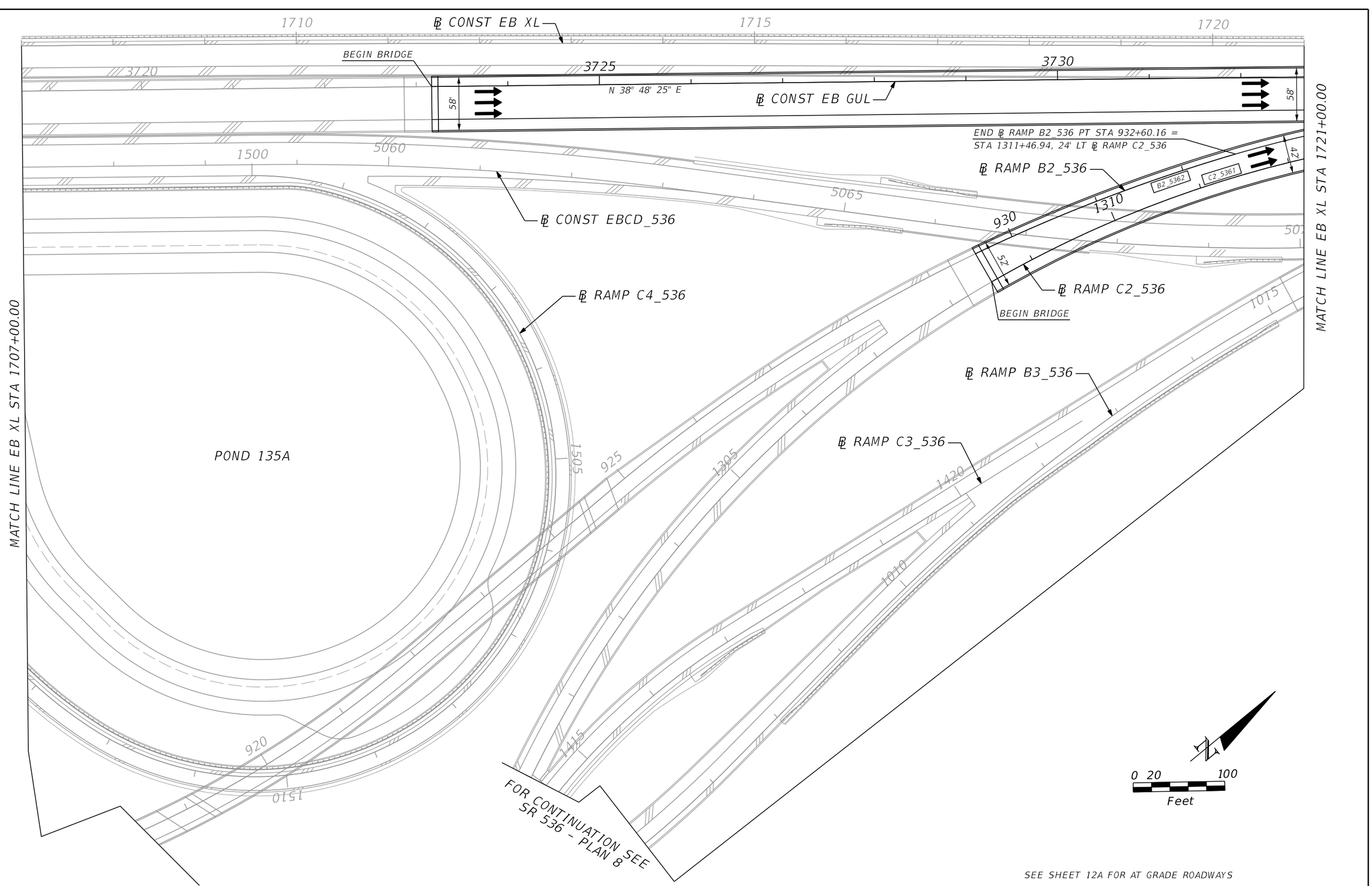

SEE SHEET 12A FOR AT GRADE ROADWAYS

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 12B

SHEET NO. 77

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MATCH LINE EB XL STA 1721+00.00

MATCH LINE EB XL STA 1735+00.00

0 20 100
Feet

CONST. 72" PIPE
CONST. PIPE
4' PAVED SHLDR
CONST. PIPE
CONST. 72" PIPE
SHLDR GUTTER
10' PAVED SHLDR
BEGIN BW
BEGIN BRIDGE
6' PAVED SHLDR
BARRIER WALL
CONST. PIPE
END BW
BEGIN RW
CONST. 72" PIPE
CONST. PIPE
RETAINING WALL
BARRIER WALL
END BRIDGE
℄ RAMP D4_536 SHIFT
STA 2016+74.00, 15' RT
CONST. PIPE
CONST. 72" PIPE
℄ RAMP D1_536
℄ RAMP D4_536
℄ RAMP D2_536
END ℄ RAMP E1_536 STA 2254+42.30 =
STA 1827+00.00, 15' RT ℄ RAMP D2_536
8' PAVED SHLDR
12' PAVED SHLDR
EASEMENT
LA R/W LINE
RETAINING WALL
CONST. 72" PIPE
END BW
CRASH CUSHION
BEGIN BW
END SG
BEGIN BW
END BW
BEGIN GR
BRIDGE PIER (TYP.)
RETAINING WALL
BARRIER WALL
6' PAVED SHLDR
CONST. PIPE
CONST. PIPE
N 38° 30' 10" E
4' PAVED SHLDR
RETAINING WALL
CONST. PIPE
12' PAVED SHLDR
END BW
BEGIN GR
SHLDR GUTTER
BEGIN BRIDGE
END GR
END SG
END GR
6' PAVED SHLDR
2' PAVED SHLDR
10' PAVED SHLDR
CONST. PIPE
SINGLE FACED GUARDRAIL
BRIDGE PIER (TYP.)
℄ RAMP E1_536
BARRIER WALL
SINGLE FACED GUARDRAIL
CONST. PIPE
N 50° 01' 35" E
N 46° 28' 41" E
N 47° 02' 06" E
N 46° 28' 41" E
N 45° 10' 52" E
CONST. PIPE
CONST. PIPE
CONST. PIPE
END RW
BEGIN BW
BARRIER WALL
END BW
CRASH CUSHION
6' PAVED SHLDR
CONST. PIPE
8' PAVED SHLDR
BEGIN BW
6' PAVED SHLDR
CONST. PIPE
CONST. PIPE
N 38° 45' 31" E
4' PAVED SHLDR
℄ CONST WB GUL
℄ CONST WB XL
℄ CONST EB XL
FOR CONTINUATION SEE SR 400 (I-4) - PLAN 14A
SINGLE FACED GUARDRAIL
N 38° 45' 31" E
SEE SHEET 13B FOR ELEVATED ROADWAYS

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 13A

SHEET NO. 78

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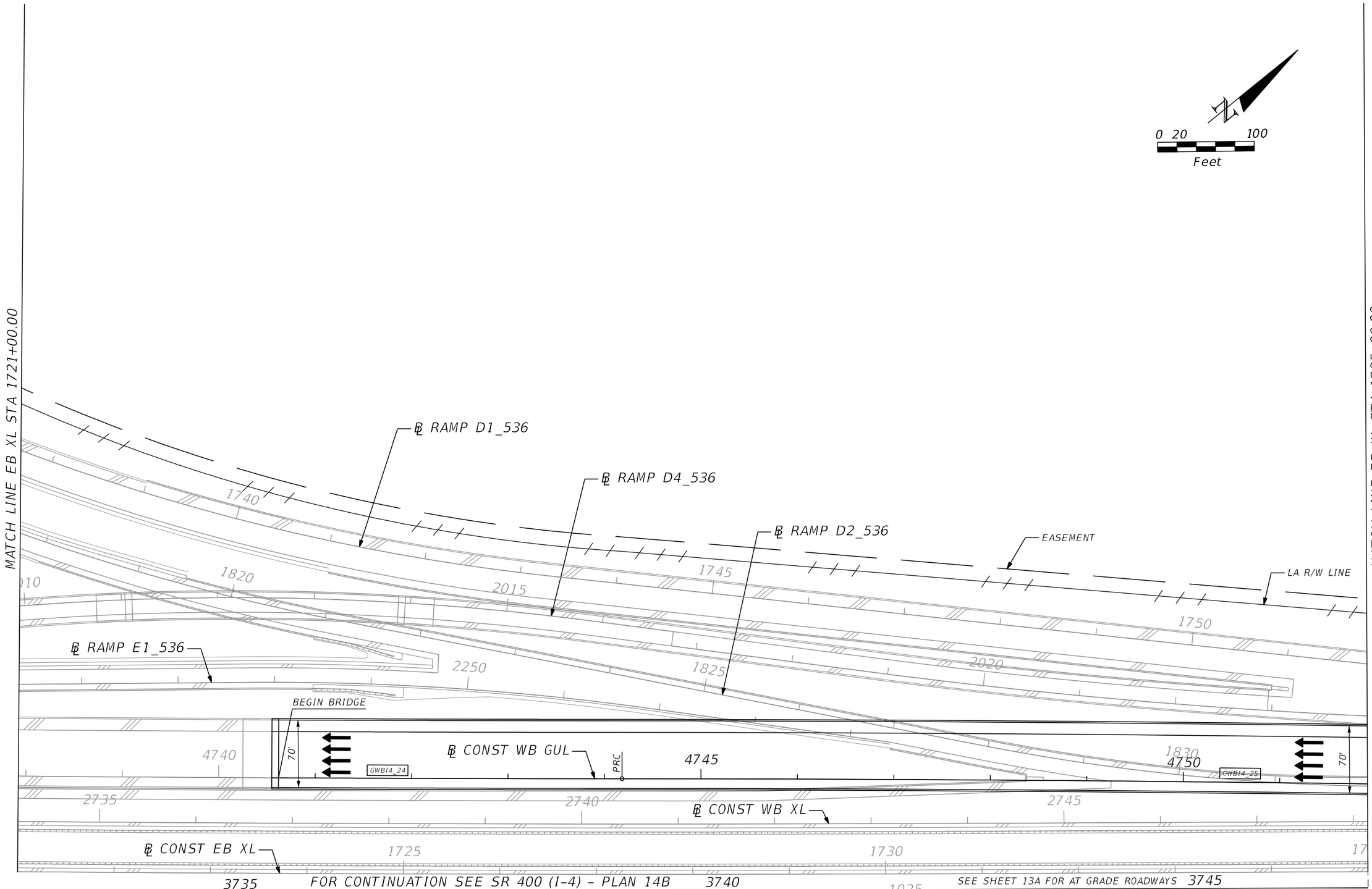

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 13B

SHEET NO. 79

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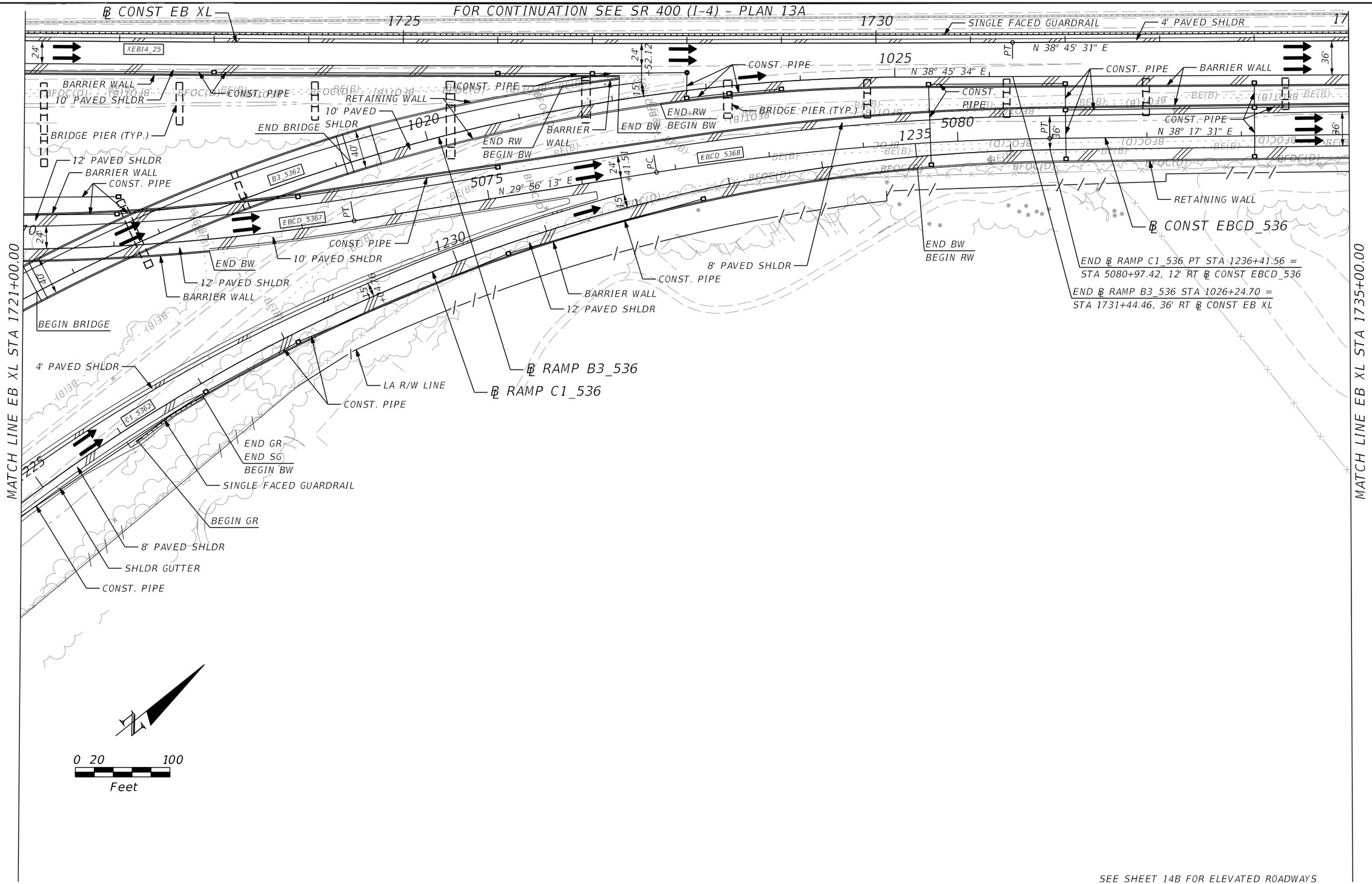

SEE SHEET 14B FOR ELEVATED ROADWAYS

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 14A

SHEET NO. 80

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FOR CONTINUATION SEE SR 400 (I-4) - PLAN 13B

℄ CONST EB XL

1725 1730 17

3735 3740 3745

1025

N 38° 48' 25" E

58'

42'

C2_5361

℄ CONST EB GUL

82'

1020 5080

1235

℄ RAMP C2_536

5075

70

1230

LA R/W LINE

℄ CONST EBCD_536

℄ RAMP C1_536

END ℄ RAMP C2_536 PT STA 1314+88.56 =
STA 3735+37.17, 60' RT ℄ CONST EB GUL

℄ RAMP B3_536

225

MATCH LINE EB XL STA 1721+00.00

MATCH LINE EB XL STA 1735+00.00

0 20 100
Feet

SEE SHEET 14A FOR AT GRADE ROADWAYS

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 14B

SHEET NO. 81

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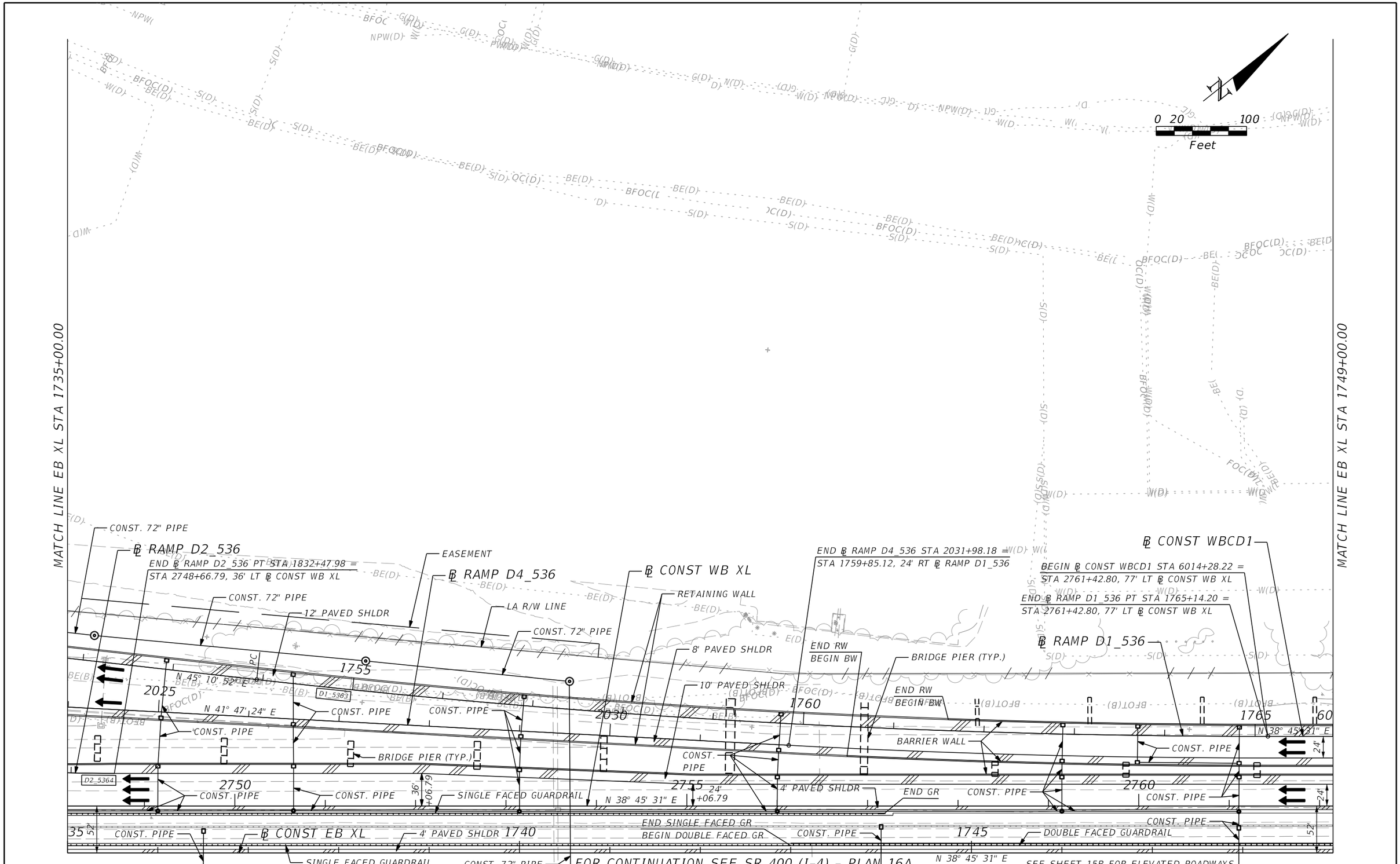

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 15A

SHEET NO. 82

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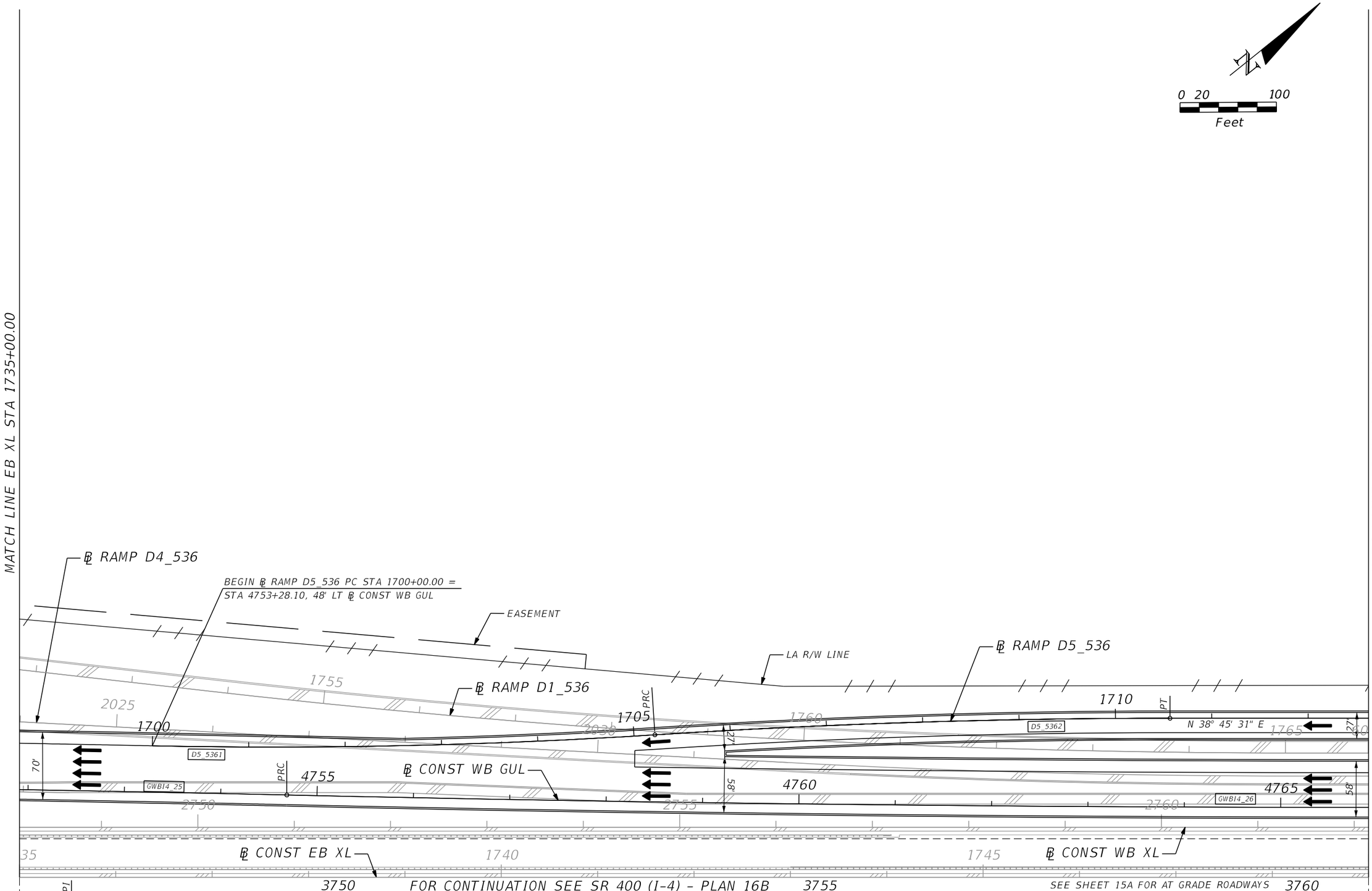

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 15B

SHEET NO.
83

PRELIMINARY: NOT FOR CONSTRUCTION

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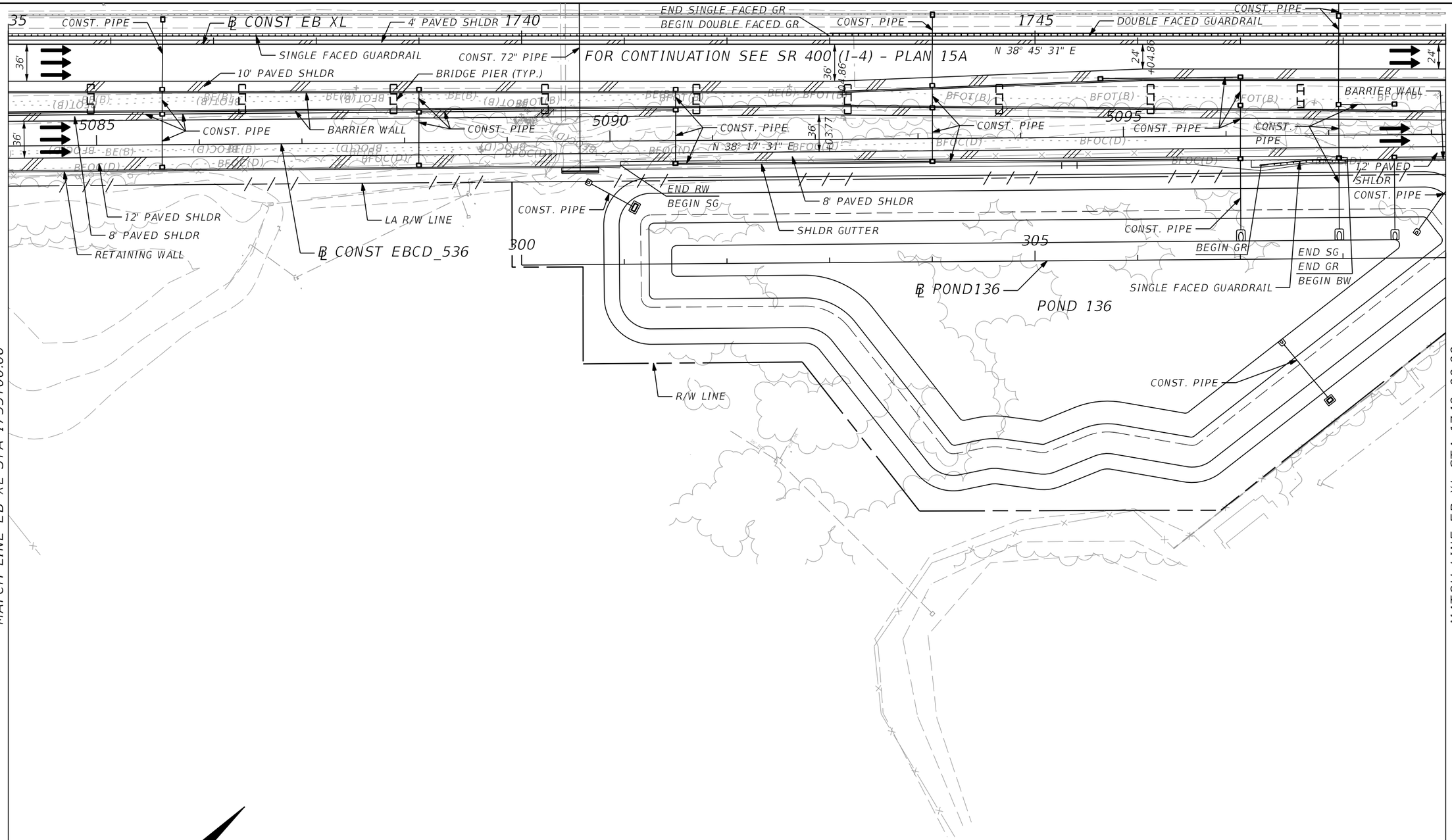

SEE SHEET 16B FOR ELEVATED ROADWAYS

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 16A

SHEET NO. 84

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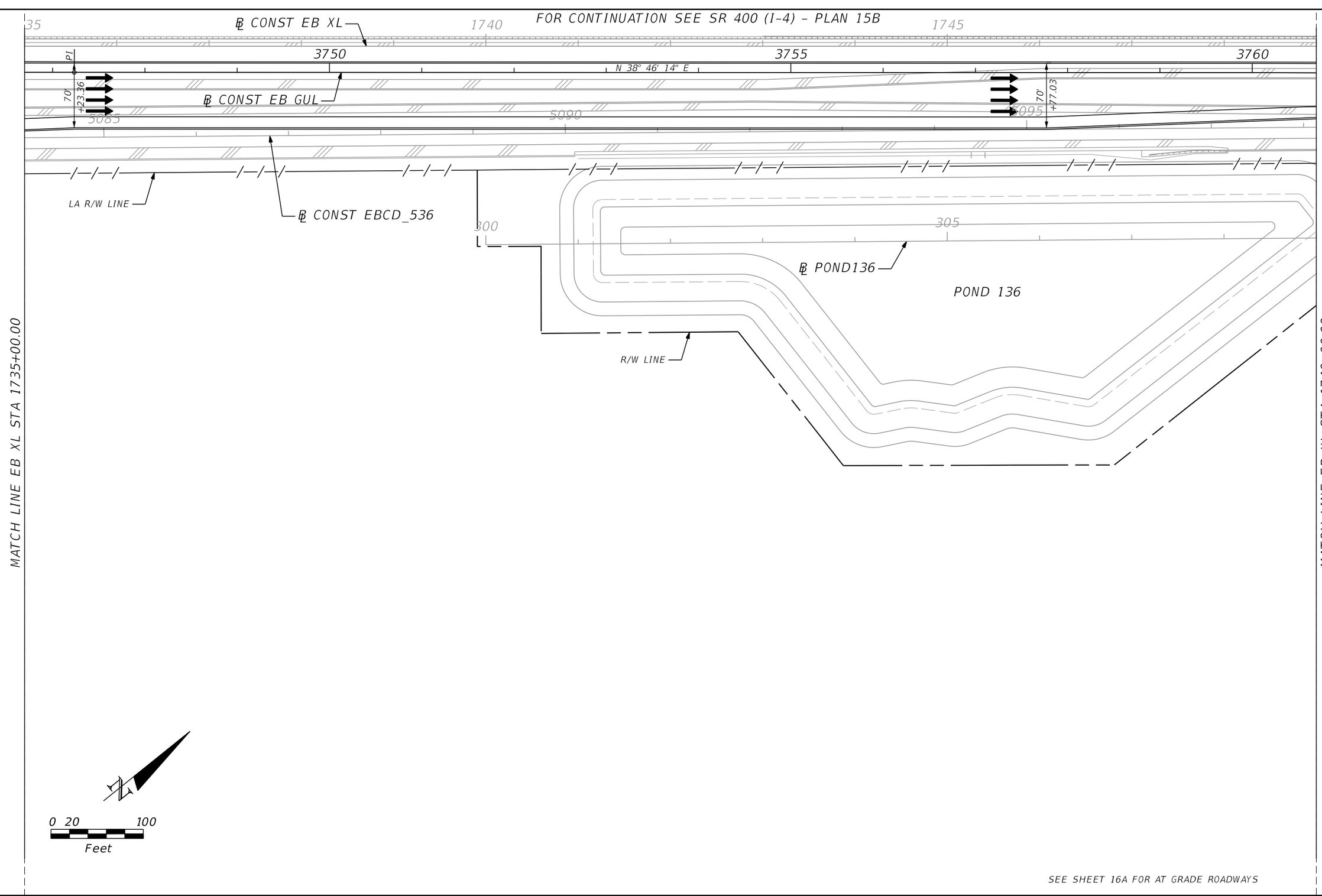

SEE SHEET 16A FOR AT GRADE ROADWAYS

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 16B

SHEET NO. 85

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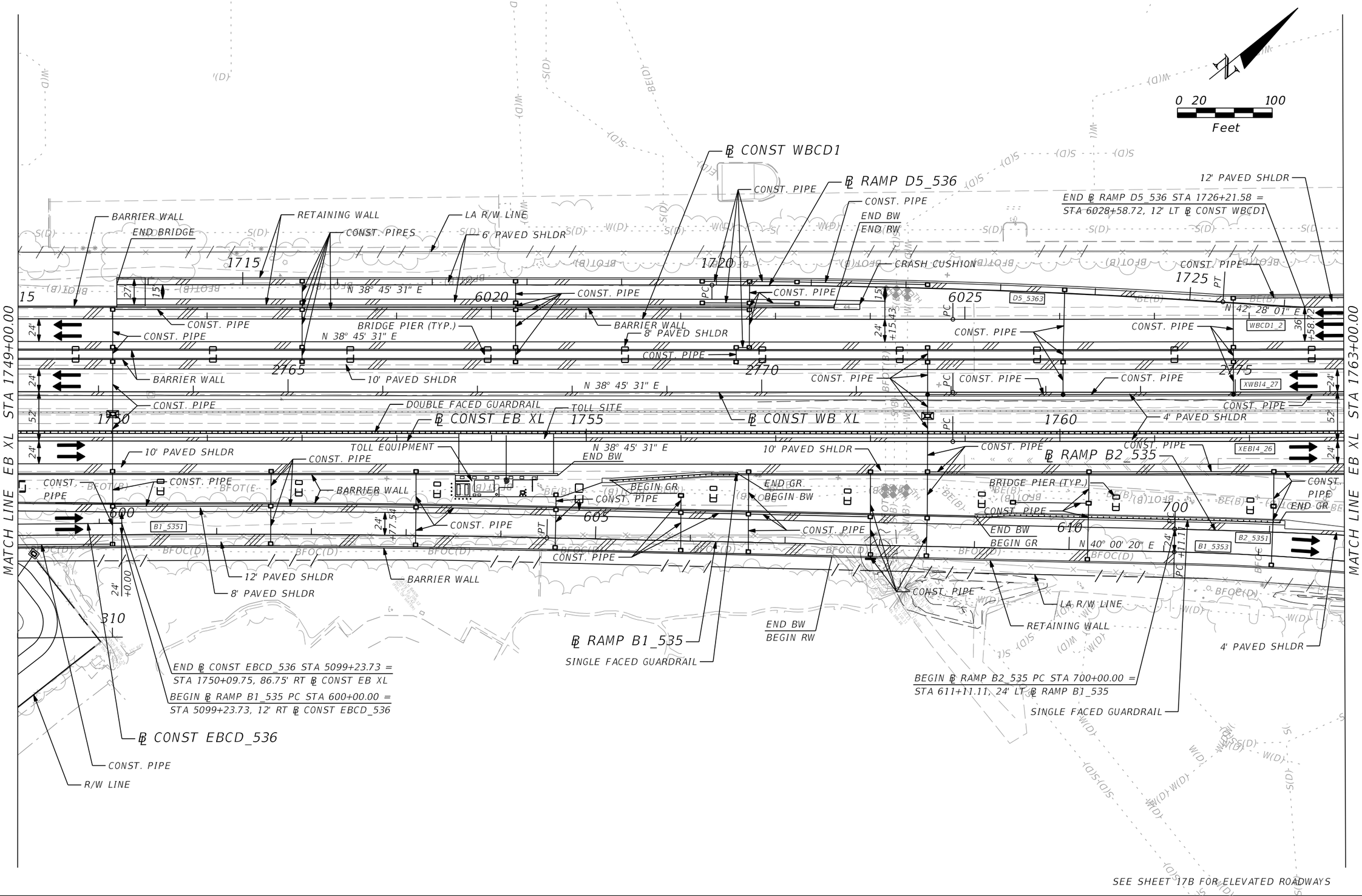

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 17A

SHEET NO. 86

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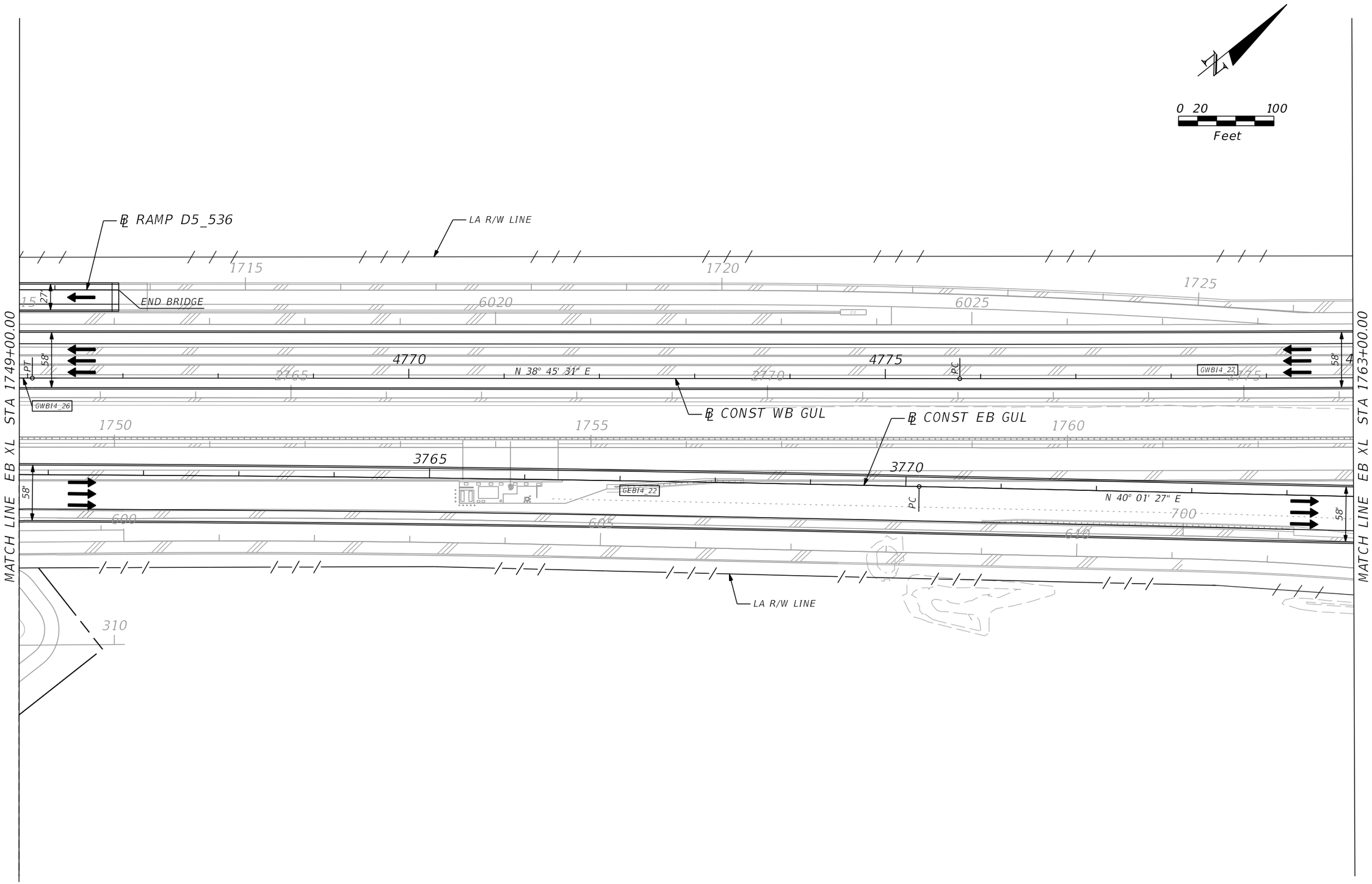

SEE SHEET 17A FOR AT GRADE ROADWAYS

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SR 400 (I-4) - PLAN 17B

SHEET NO. 87

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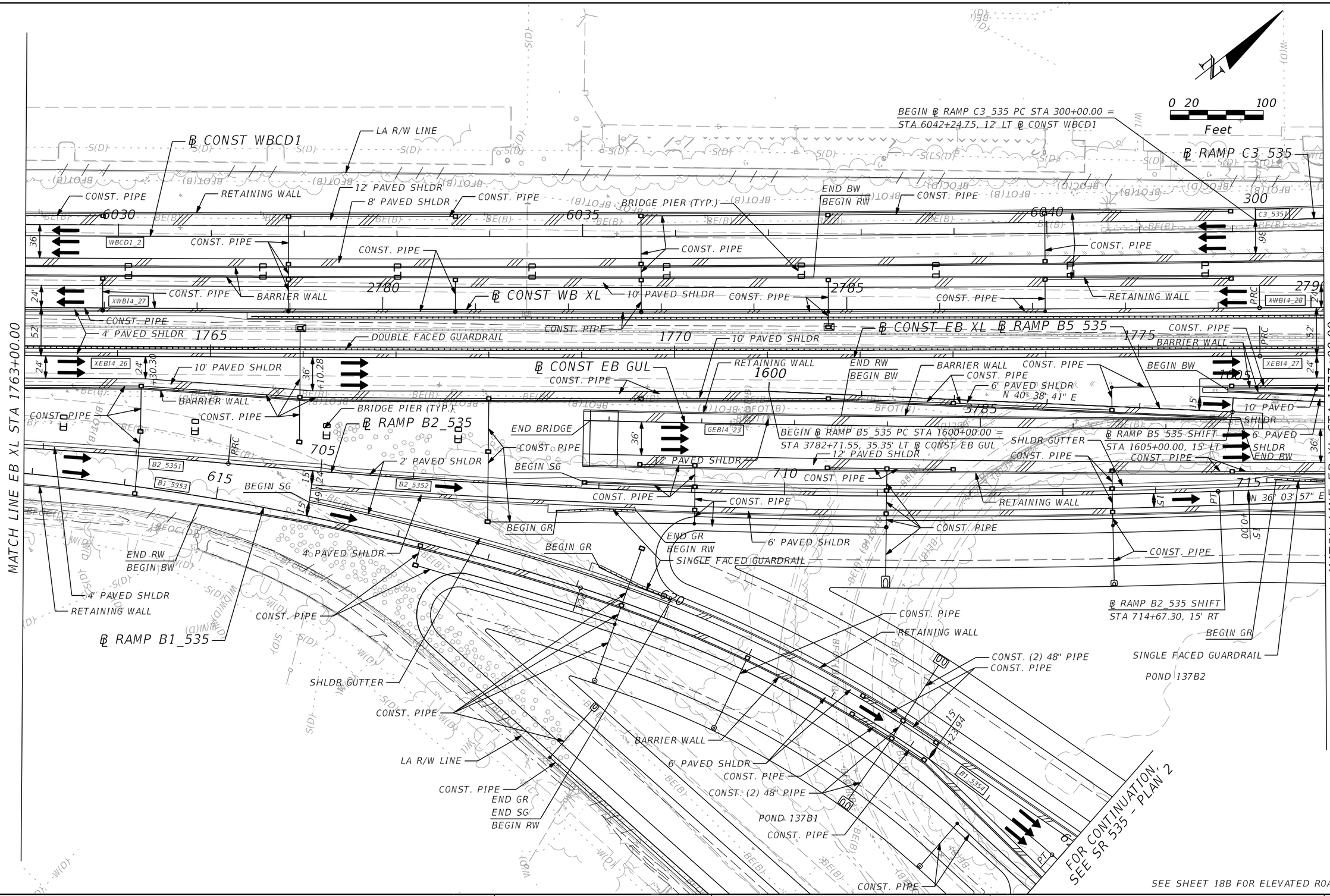

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AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 18A

SHEET NO. 88

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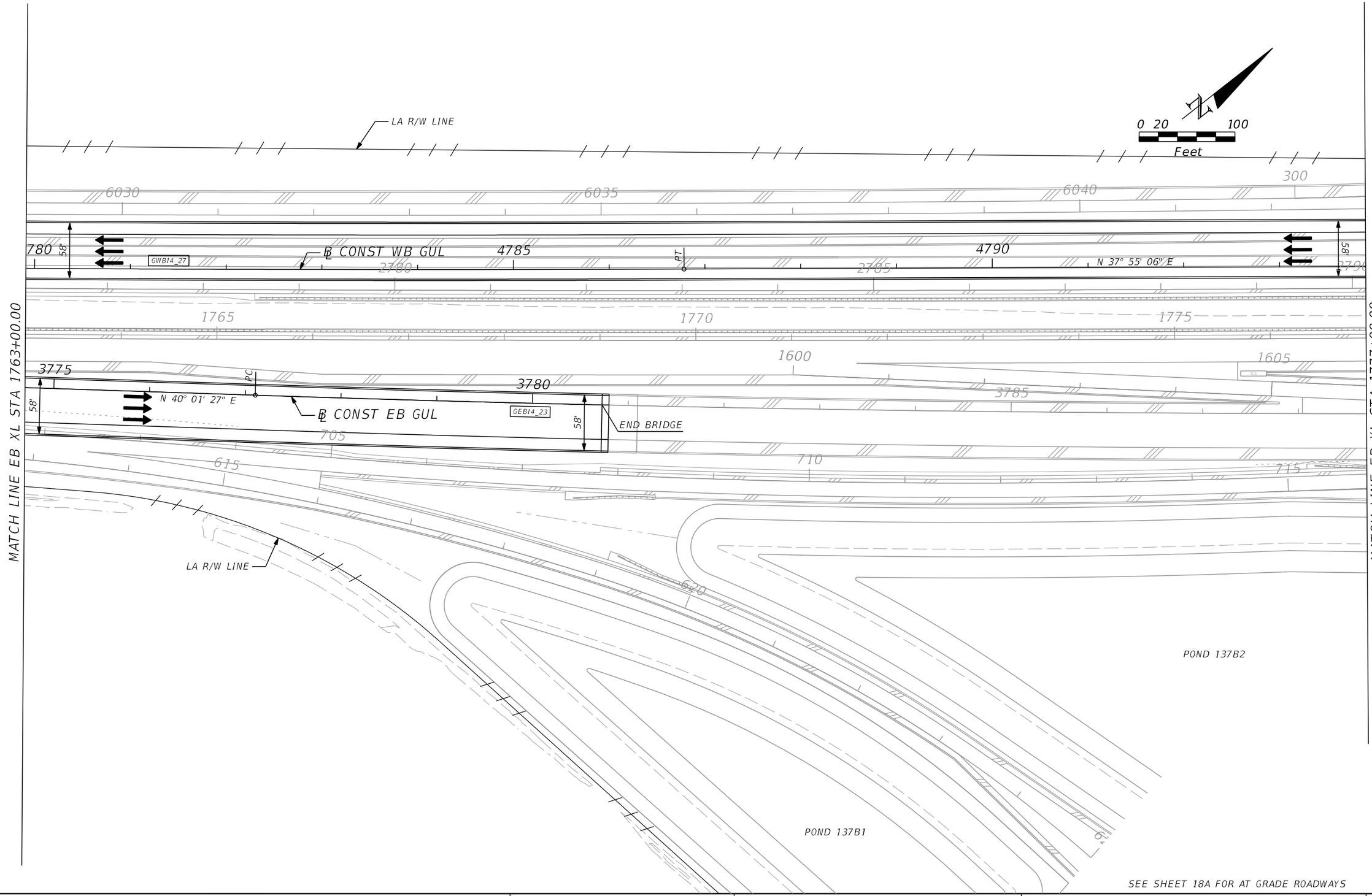

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 18B

SHEET NO. 89

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0 20 100
Feet

1. END ℄ RAMP B3_535 STA 810+96.40 = STA 229+88.26, 11' RT ℄ SB535
2. BEGIN ℄ RAMP D1_535 PC STA 1100+00.00 = STA 230+77.47, 33' LT ℄ SB535
3. END ℄ RAMP C3_535 PT STA 312+16.20 = STA 131+69.77, 22' LT ℄ NB535
4. BEGIN RW
5. BEGIN GR
6. BEGIN GR
7. BEGIN ℄ RAMP A2_535 PC STA 500+00.00 = STA 235+32.76, 33' RT ℄ SB535
8. END SINGLE FACED GR / BEGIN DOUBLE FACED GR
15. END BRIDGE

MATCH LINE EB XL STA 1777+00.00

MATCH LINE EB XL STA 1791+00.00

MATCH LINE NB535 STA 136+00.00 SEE SR 535 - PLAN 3

MATCH LINE NB535 STA 126+00.00 SEE SR 535 - PLAN 2

FOR CONTINUATION, SEE SR 535 - PLAN 2

SEE SHEET 19B FOR ELEVATED ROADWAYS

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 19A

SHEET NO. 90

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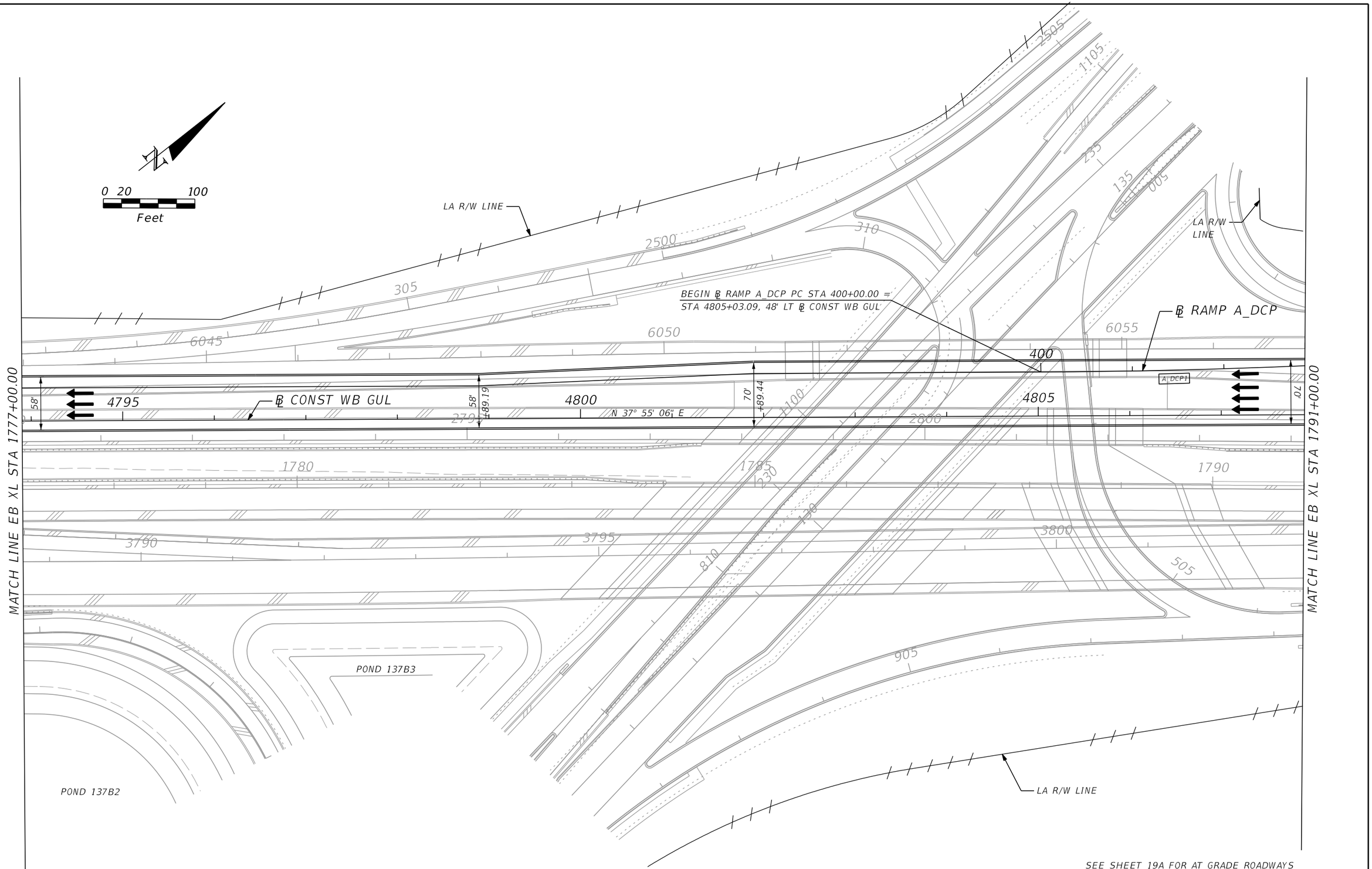

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 19B

SHEET NO. 91

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FOR CONTINUATION SEE SR 535 - PLAN 3

FOR CONTINUATION SEE SR 535 - PLAN 7

MATCH LINE EB XL STA 1791+00.00

MATCH LINE EB XL STA 1805+00.00

℄ OUTFALL_535

POND 138B1

LA R/W LINE

CONST. PIPE

END RW

BEGIN GR

℄ RAMP D2_535

SINGLE FACED GUARDRAIL

END GR

4' PAVED SHLDR

2' PAVED SHLDR

2820

BEGIN ℄ RAMP D3_535 PC STA 1300+00.00 =
STA 6063+20.86, 36' RT ℄ RAMP WBCD1

6' PAVED SHLDR

BARRIER WALL

RETAINING WALL

BEGIN RW

END C&G

C&G TYPE F

1205

N 38° 7' 22" E

1210

N 26° 06' 19" E

℄ RAMP D2_535 SHIFT
STA 1211+62.75, 15' RT

8' PAVED SHLDR

END BW

BEGIN RW

1215

D2_5353

6060

6065

6070

WBCD1_51

WBCD1_41

12' PAVED SHLDR

8' PAVED SHLDR

1300

END BW

BEGIN GR

℄ CONST WBCD1

D3_5351

BEGIN BW

1305

N 42° 39' 53" E

END GR BEGIN BW

BRIDGE PIER (TYP.)

END RW

BEGIN BW

2805

2810

2815

℄ CONST WB XL

XWBI4_28

10' PAVED SHLDR

1795

DOUBLE FACED GUARDRAIL

TOLL SITE

1800

℄ RAMP D3_535

℄ CONST EB XL

XEBI4_27

3805

3810

3815

GEBI4_24

12' PAVED SHLDR

RETAINING WALL

END C&G

END GR

BEGIN BW

℄ CONST EB GUL

℄ RAMP C1_535

C1_5352

920

915

910

N 36° 04' 03" E

END BW

BEGIN GR

END GR

BEGIN RW

END RW

BEGIN BW

SINGLE FACED GUARDRAIL

RETAINING WALL

8' PAVED SHLDR

R/W LINE

END ℄ RAMP C1_535 STA 921+92.53 =
STA 3815+29.97, 60' RT ℄ CONST EB GUL

① ℄ RAMP D3_535 SHIFT
STA 1305+21.86, 15' LT

0 20 100
Feet

SEE SHEET 20B FOR ELEVATED ROADWAYS

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 20A

SHEET NO. 92

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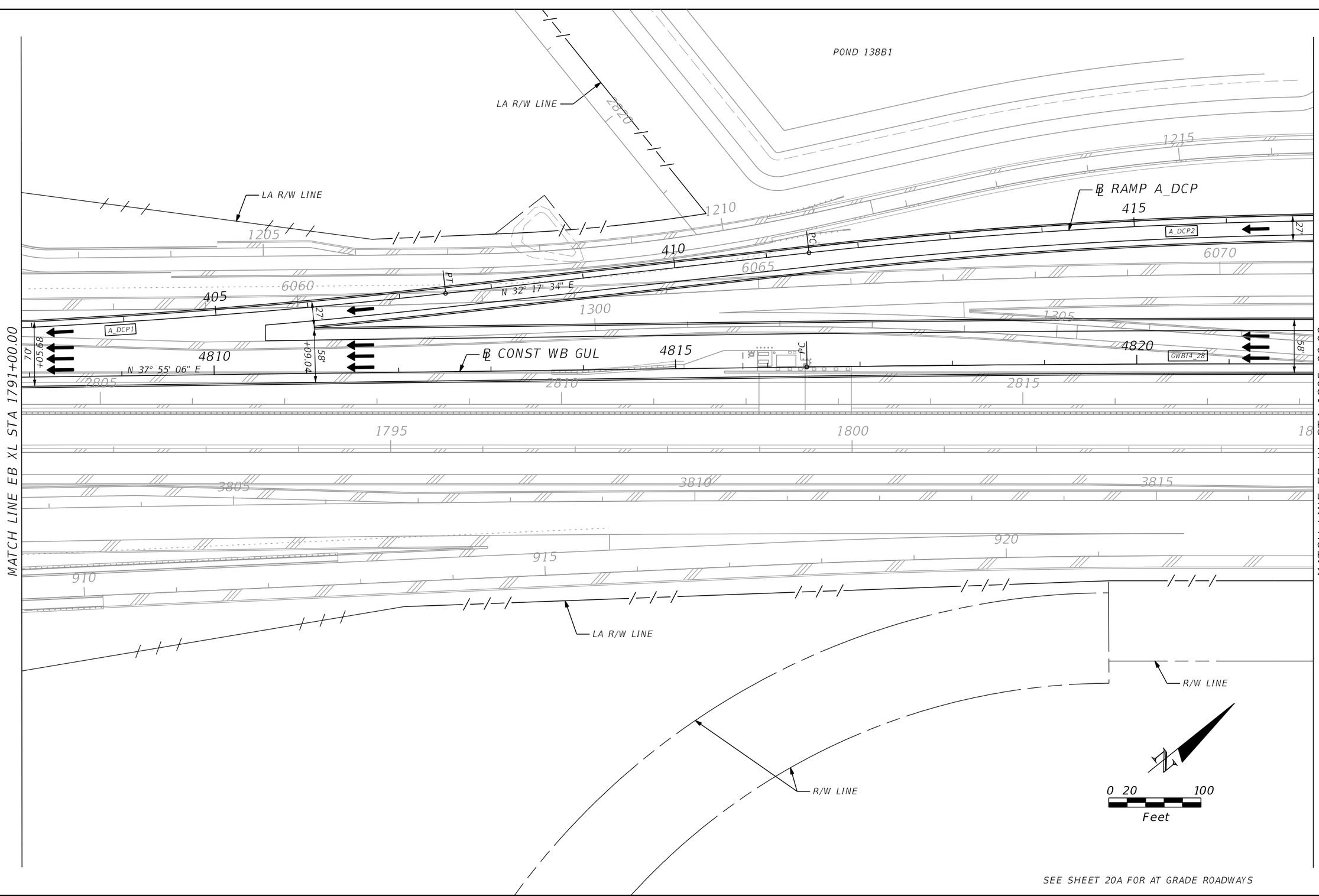

SEE SHEET 20A FOR AT GRADE ROADWAYS

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 20B

SHEET NO. 93

PRELIMINARY: NOT FOR CONSTRUCTION

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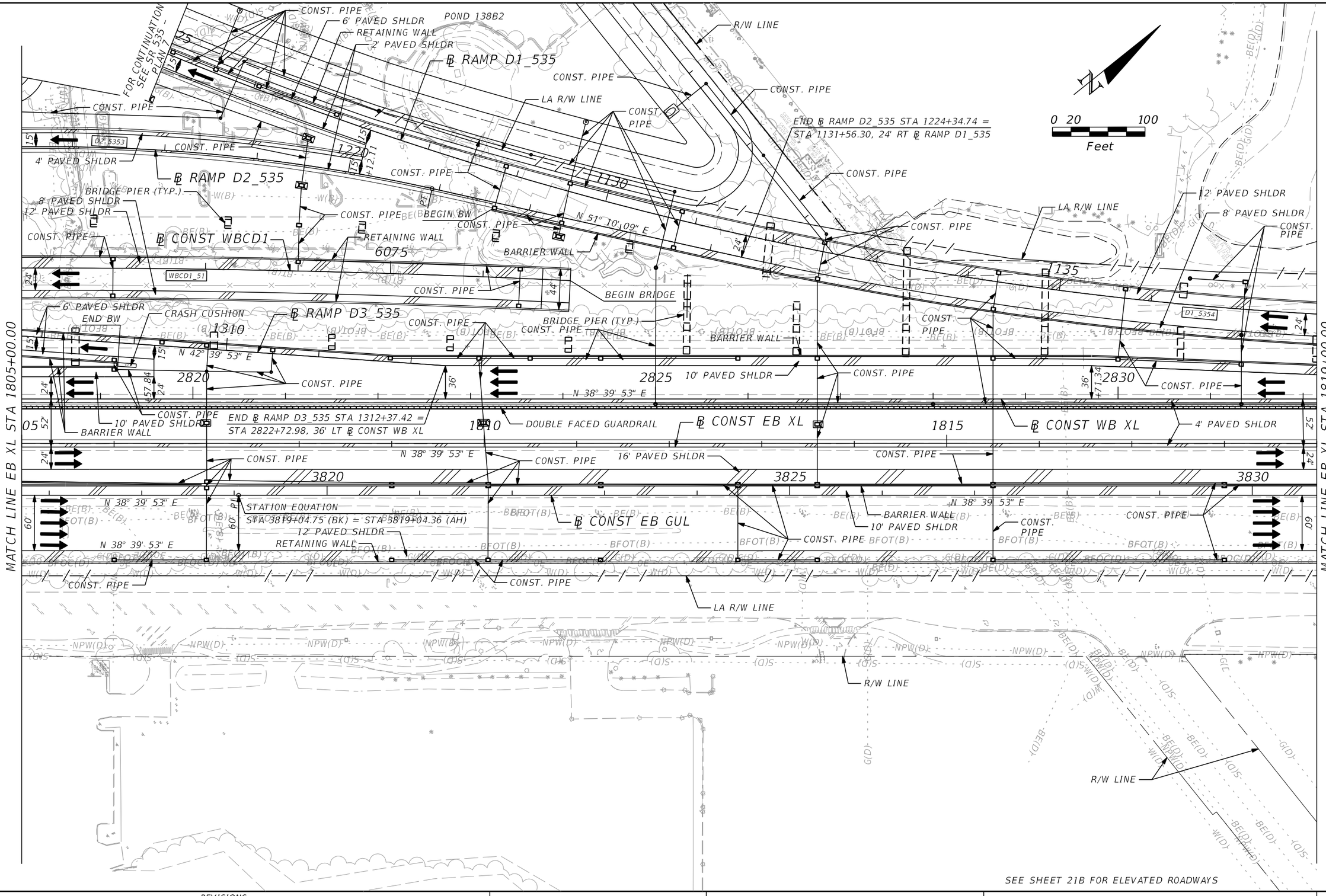

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 21A

SHEET NO. 94

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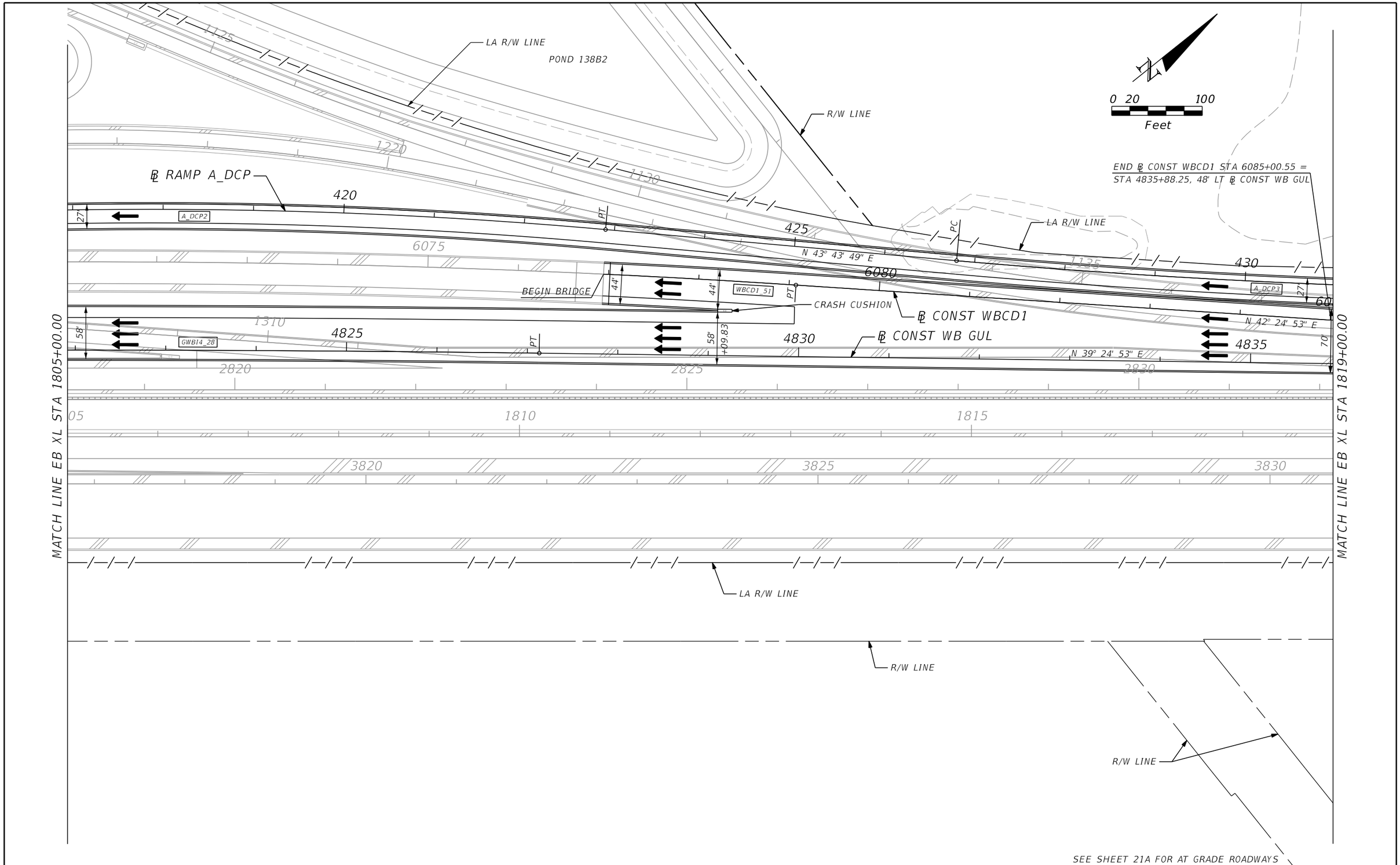

SEE SHEET 21A FOR AT GRADE ROADWAYS

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 21B

SHEET NO. 95

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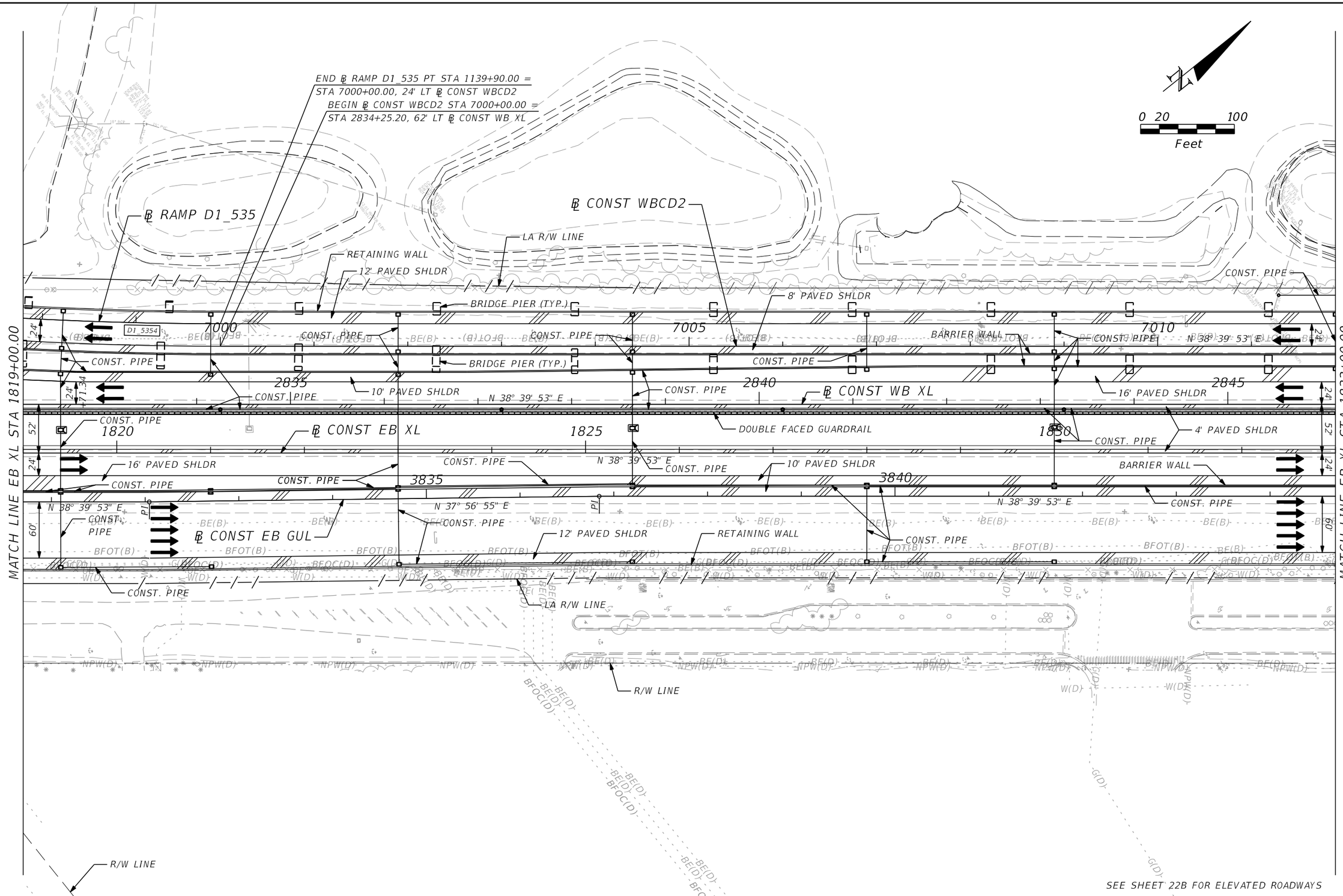

SEE SHEET 22B FOR ELEVATED ROADWAYS

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 22A

SHEET NO. 96

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0 20 100
Feet

LA R/W LINE

℄ RAMP A_DCP

PT

PI

435

440

4

N 38° 57' 52" E

N 38° 39' 57" E

A_DCP3

27'

70'

58'

7000

7005

7010

4840

4845

N 39° 24' 53" E

N 38° 39' 53" E

+31.21

+31.14

℄ CONST WB GUL

2835

2840

2845

1820

1825

1830

3835

3840

MATCH LINE EB XL STA 1819+00.00

MATCH LINE EB XL STA 1833+00.00

LA R/W LINE

R/W LINE

R/W LINE

SEE SHEET 22A FOR AT GRADE ROADWAYS

PRELIMINARY: NOT FOR CONSTRUCTION

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 22B

SHEET NO. 97

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0 20 100
Feet

℄ CONST WBCD2
RETAINING WALL
12' PAVED SHLDR
8' PAVED SHLDR
BRIDGE PIER (TYP.)
LA R/W LINE
CONST. PIPE
CONST. PIPE
CONST. PIPE
BARRIER WALL
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
10' PAVED SHLDR
7015
7020
7025
N 38° 39' 53" E
N 39° 24' 53" E
2850
2855
2860
16' PAVED SHLDR
℄ CONST WB XL
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
DOUBLE FACED GUARDRAIL
4' PAVED SHLDR
1835
1840
1845
℄ CONST EB XL
N 38° 39' 53" E
CONST. PIPE
CONST. PIPE
CONST. PIPE
3845
3850
3855
BARRIER WALL
CONST. PIPE
N 38° 39' 53" E
CONST. PIPE
10' PAVED SHLDR
℄ CONST EB GUL
RETAINING WALL
CONST. PIPE
CONST. PIPE
12' PAVED SHLDR
CONST. PIPE
CONST. PIPE
CONST. PIPE
LA R/W LINE
R/W LINE
R/W LINE
SEE SHEET 23B FOR ELEVATED ROADWAYS

MATCH LINE EB XL STA 1833+00.00
MATCH LINE EB XL STA 1847+00.00

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 23A

SHEET NO. 98

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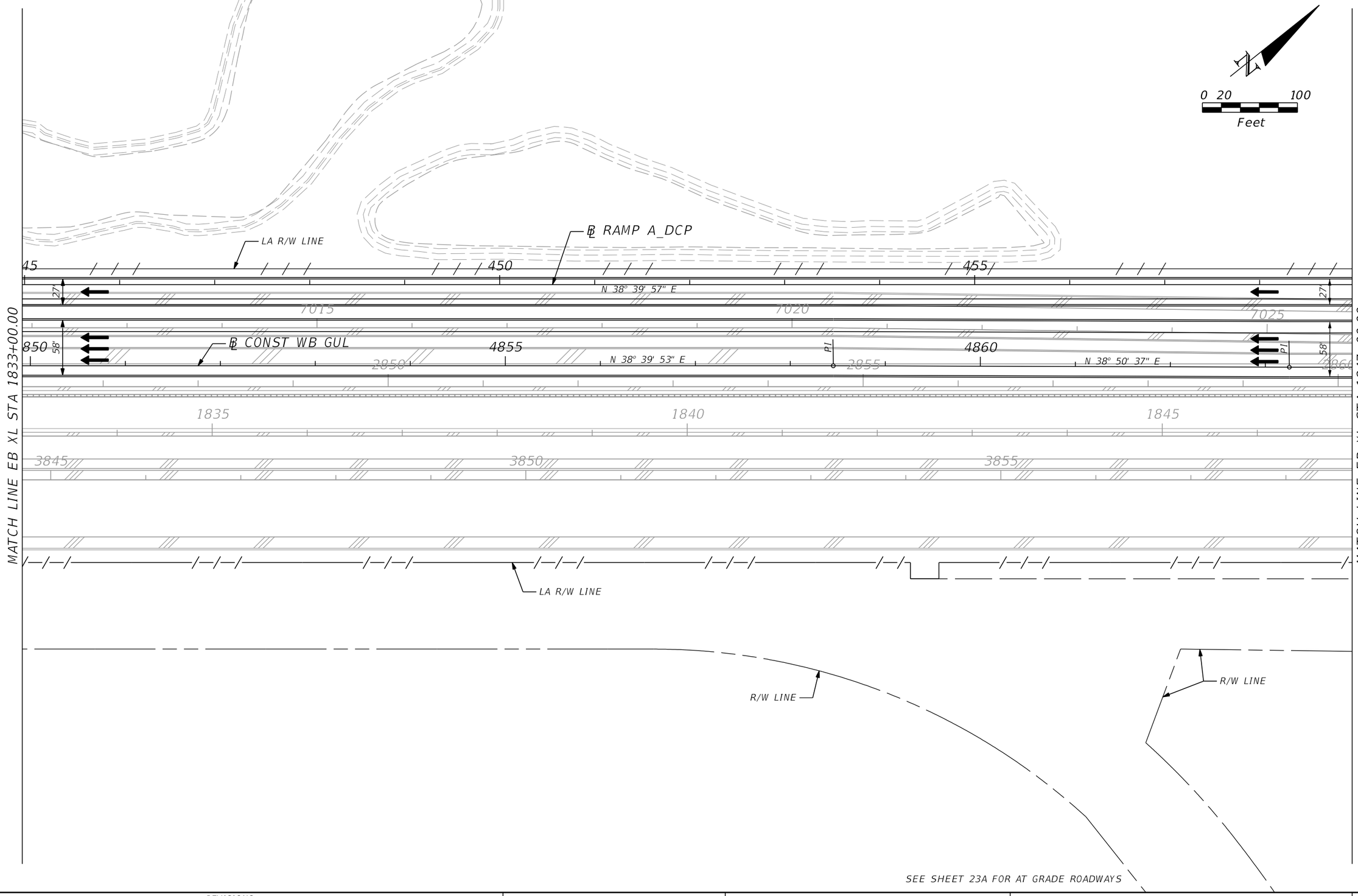

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 23B

SHEET NO. 99

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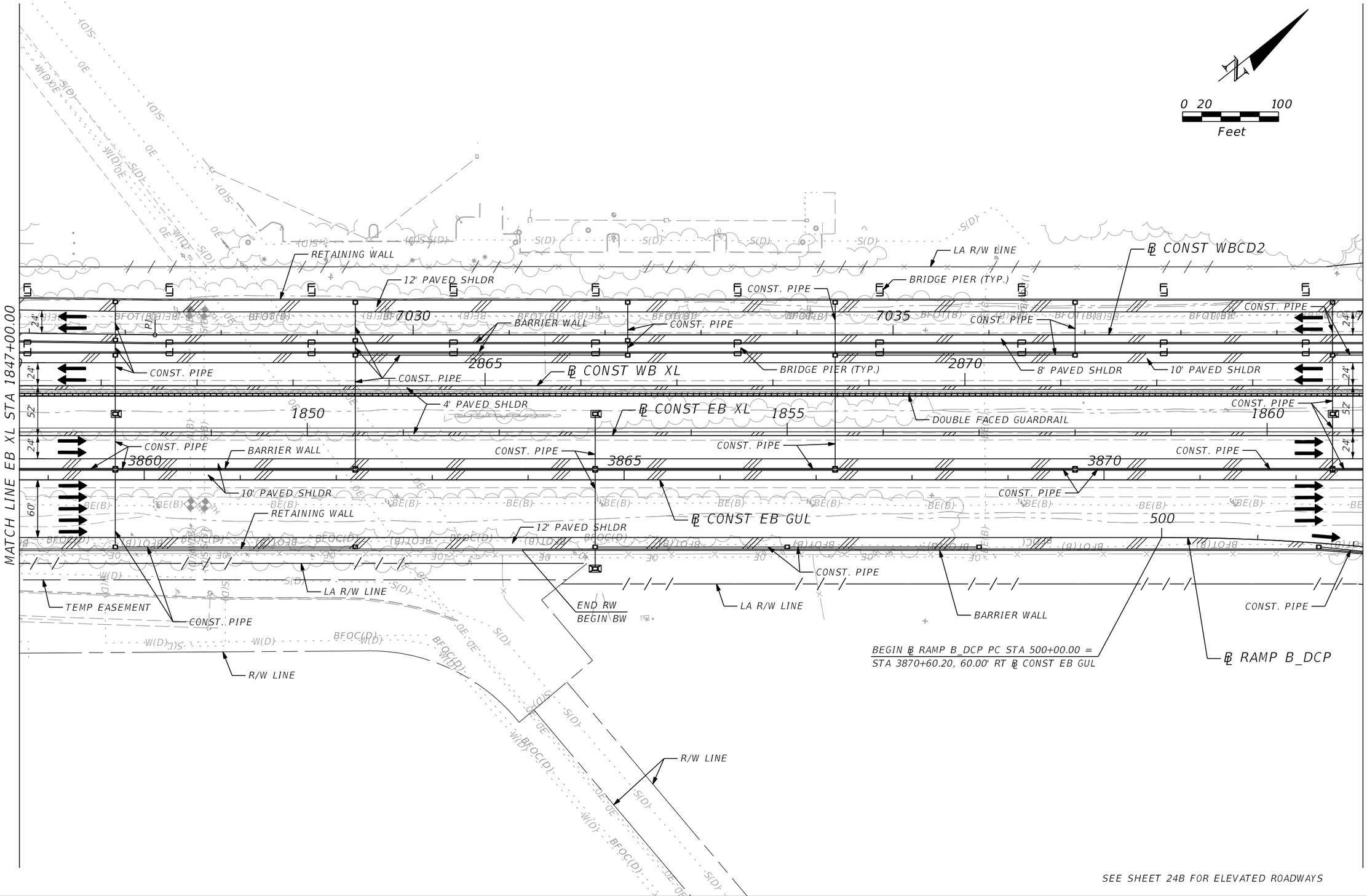

SEE SHEET 24B FOR ELEVATED ROADWAYS

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 24A

SHEET NO. 100

PRELIMINARY: NOT FOR CONSTRUCTION

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0 20 100
Feet

℄ RAMP A_DCP

LA R/W LINE

460 465 470

PC

A_DCP4

27'

N 38° 39' 57" E

7030 7035

58'

4865 4870 4875

N 38° 39' 53" E

2865 2870

℄ CONST WB GUL

1850 1855 1860

3860 3865 3870

500

MATCH LINE EB XL STA 1847+00.00

MATCH LINE EB XL STA 1861+00.00

TEMP EASEMENT

LA R/W LINE

R/W LINE

R/W LINE

SEE SHEET 24A FOR AT GRADE ROADWAYS

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 24B

SHEET NO. 101

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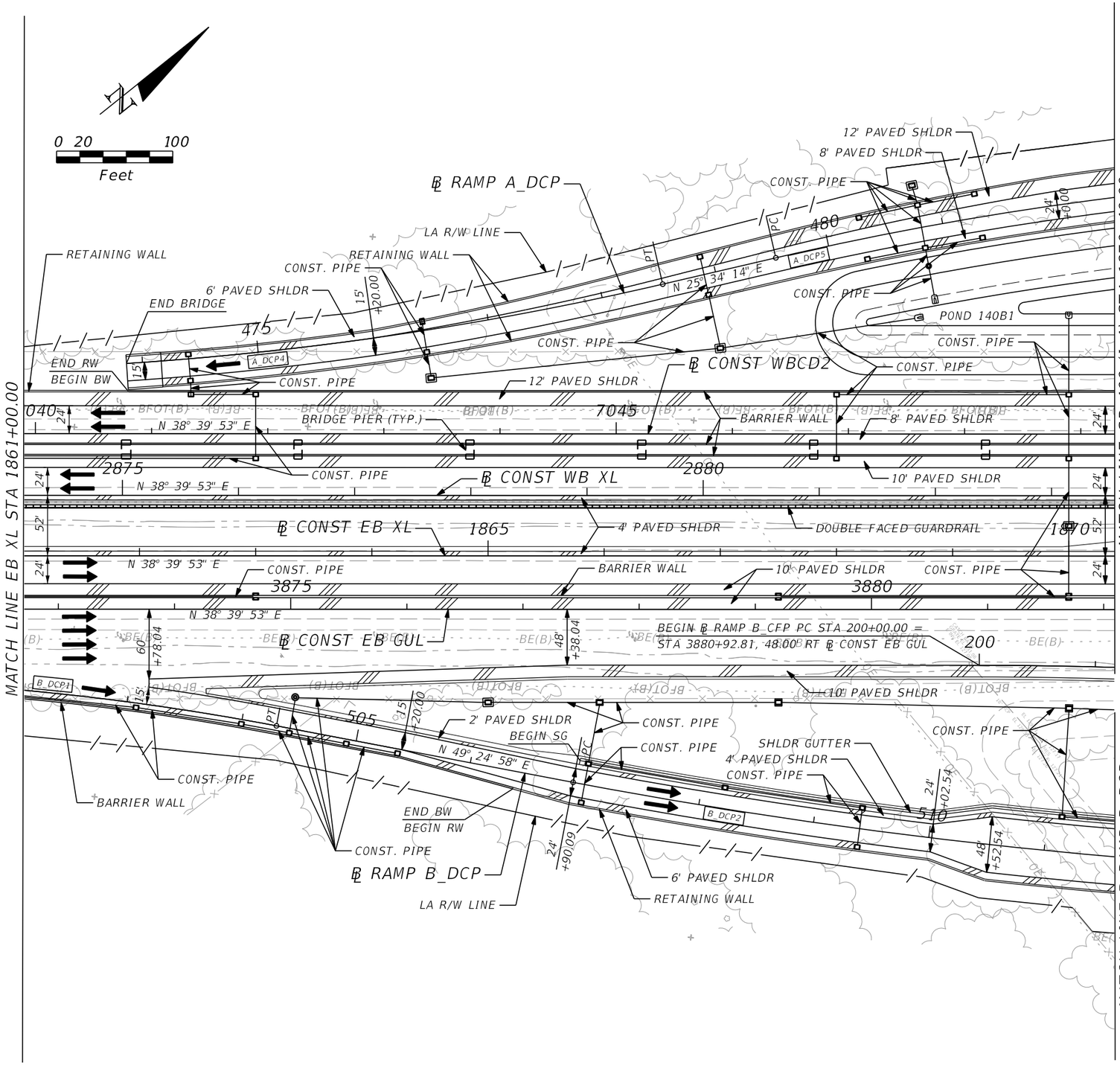

SEE SHEET 25B FOR ELEVATED ROADWAYS

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 25A

SHEET NO. 102

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0 20 100
Feet

LA R/W LINE

℄ RAMP A_DCP

END BRIDGE

A_DCP4

POND 140B1

MATCH LINE EB XL STA 1861+00.00

MATCH LINE EB XL STA 1875+00.00

4880

4885

4890

PI

N 38° 39' 53" E

N 38° 36' 21" E

℄ CONST WB GUL

R/W LINE

LA R/W LINE

SEE SHEET 25A FOR AT GRADE ROADWAYS

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 25B

SHEET NO. 103

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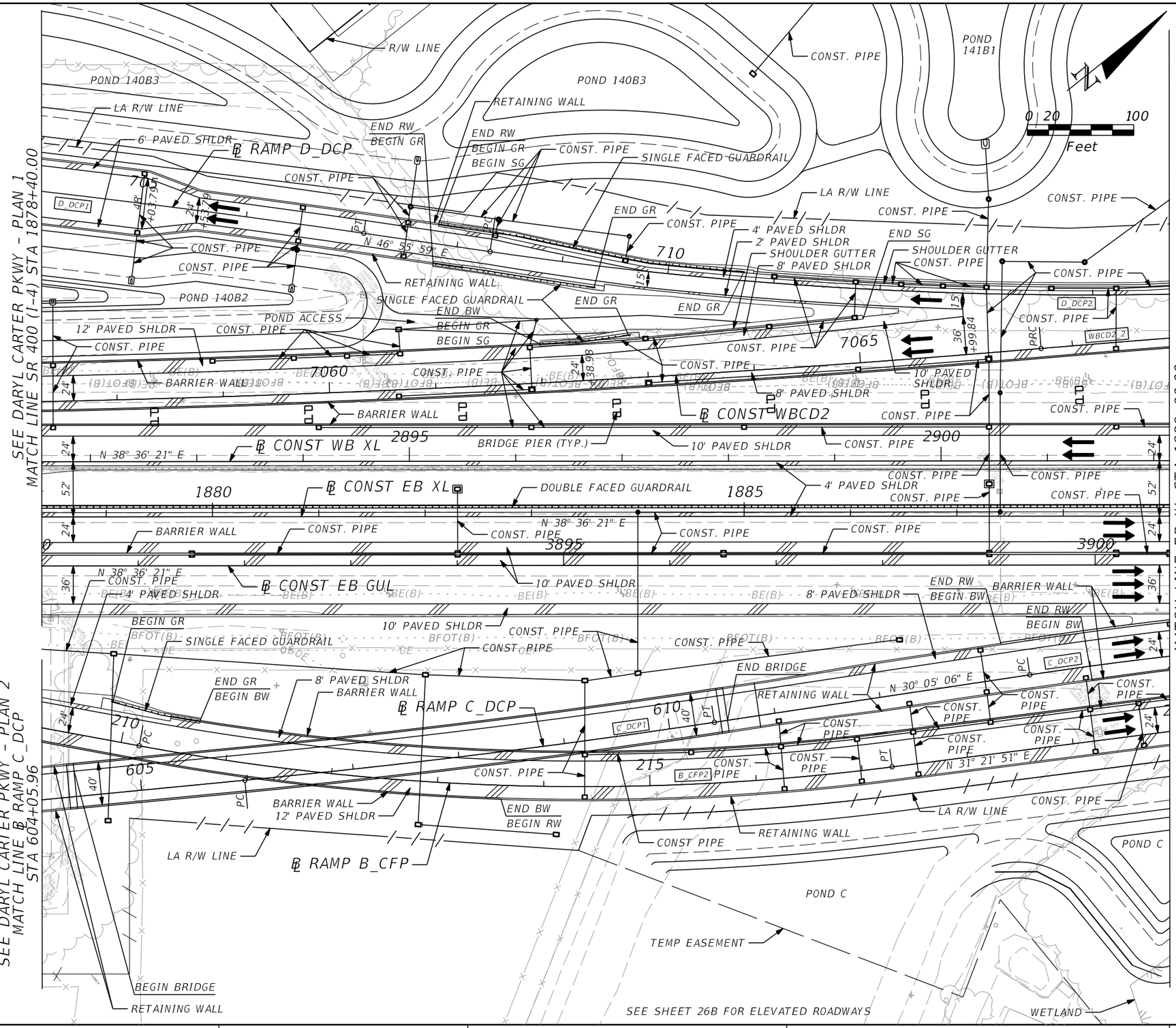

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 26A

SHEET NO. 104

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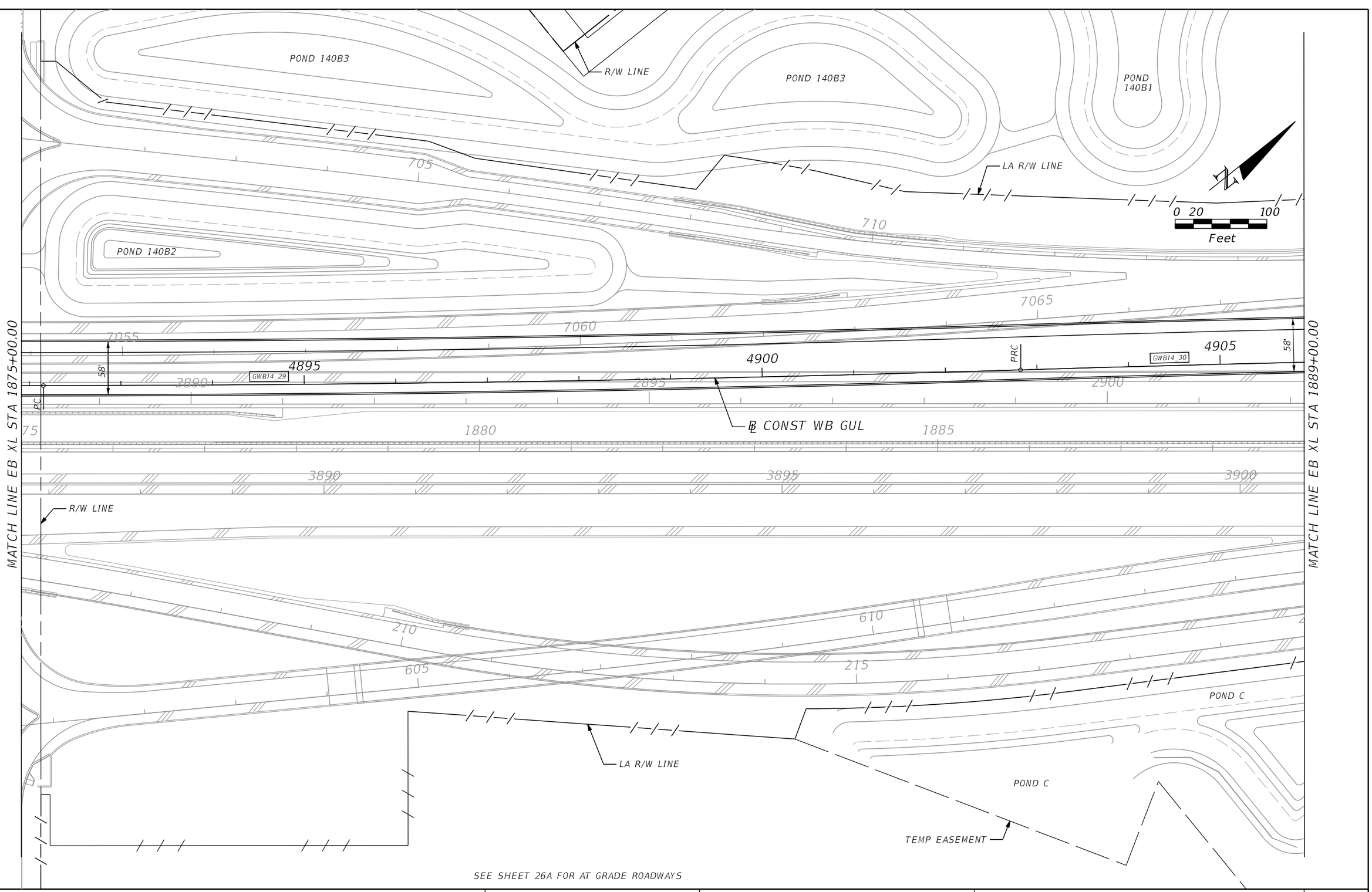

SEE SHEET 26A FOR AT GRADE ROADWAYS

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 26B

SHEET NO. 105

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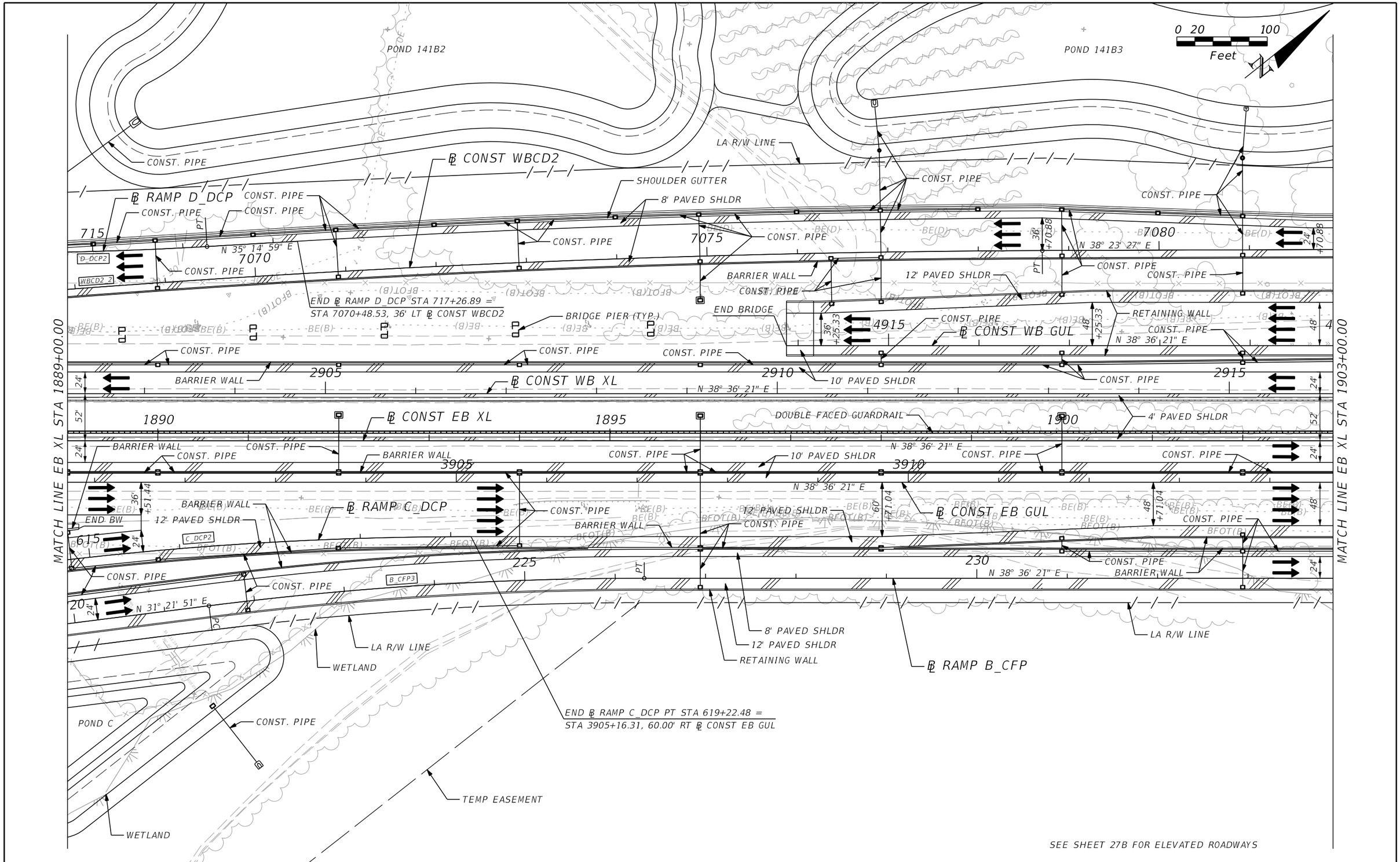

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 27A

SHEET NO. 106

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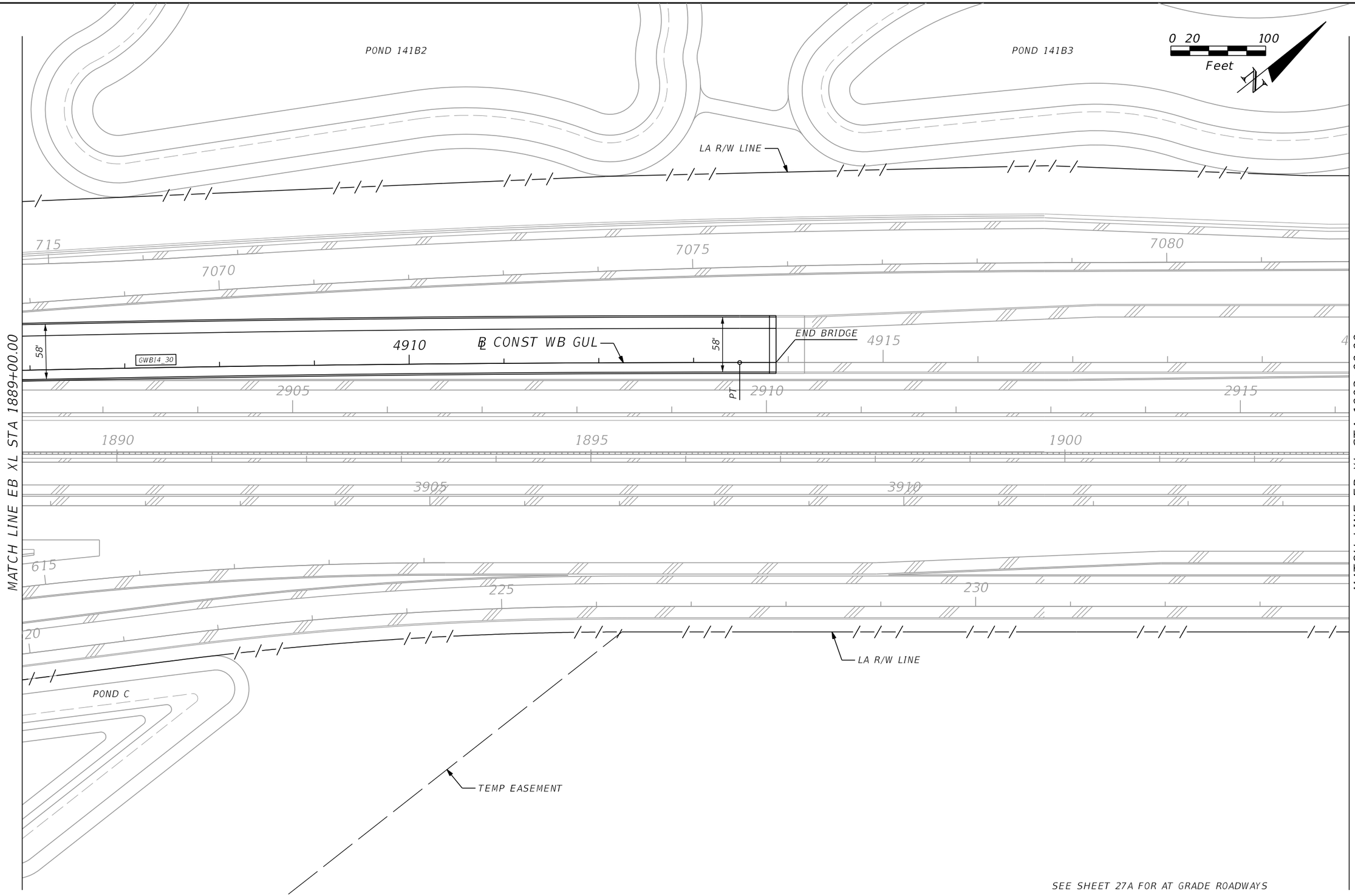

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AECOM TECHNICAL SERVICES, Inc.
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 27B

SHEET NO. 107

PRELIMINARY: NOT FOR CONSTRUCTION

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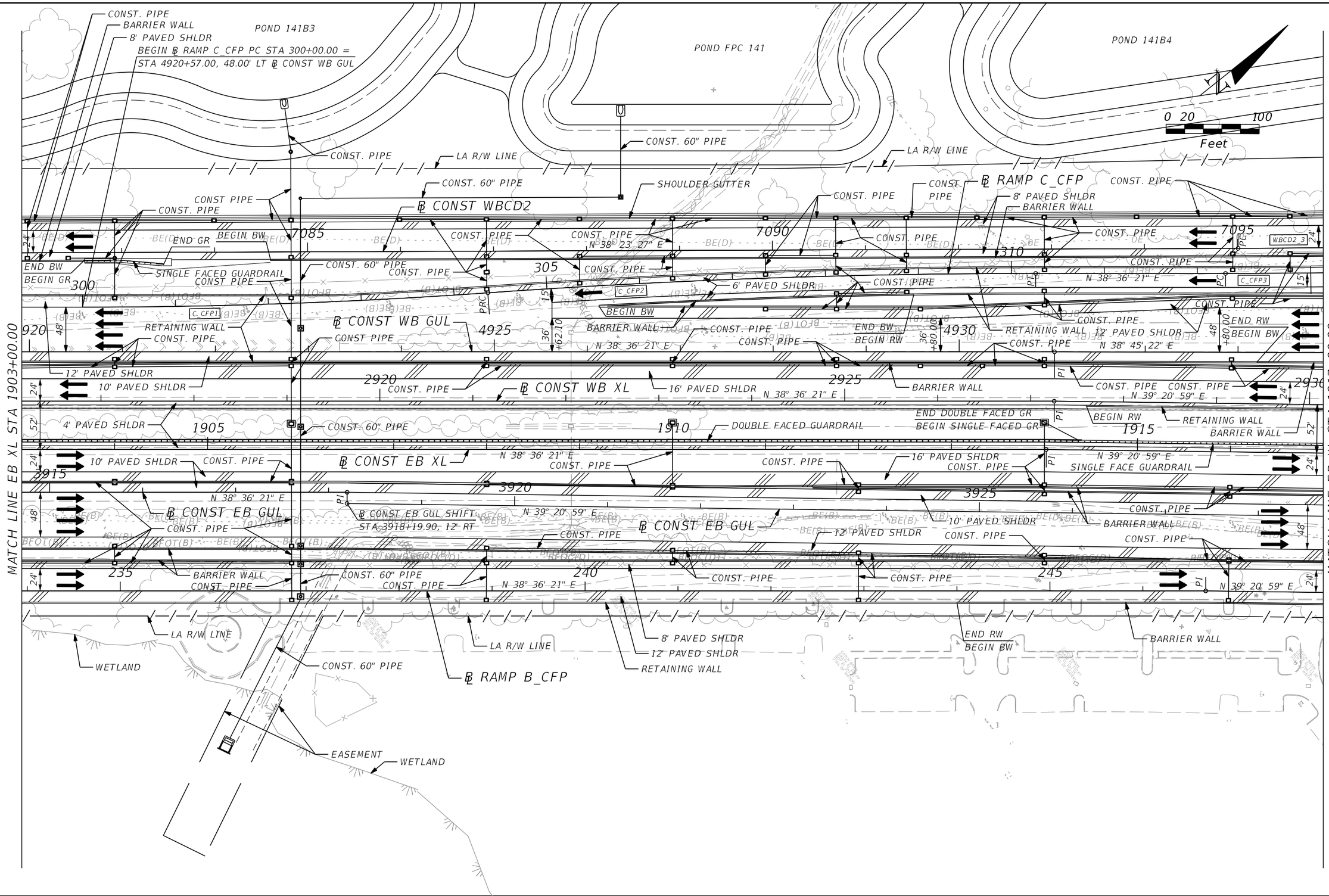

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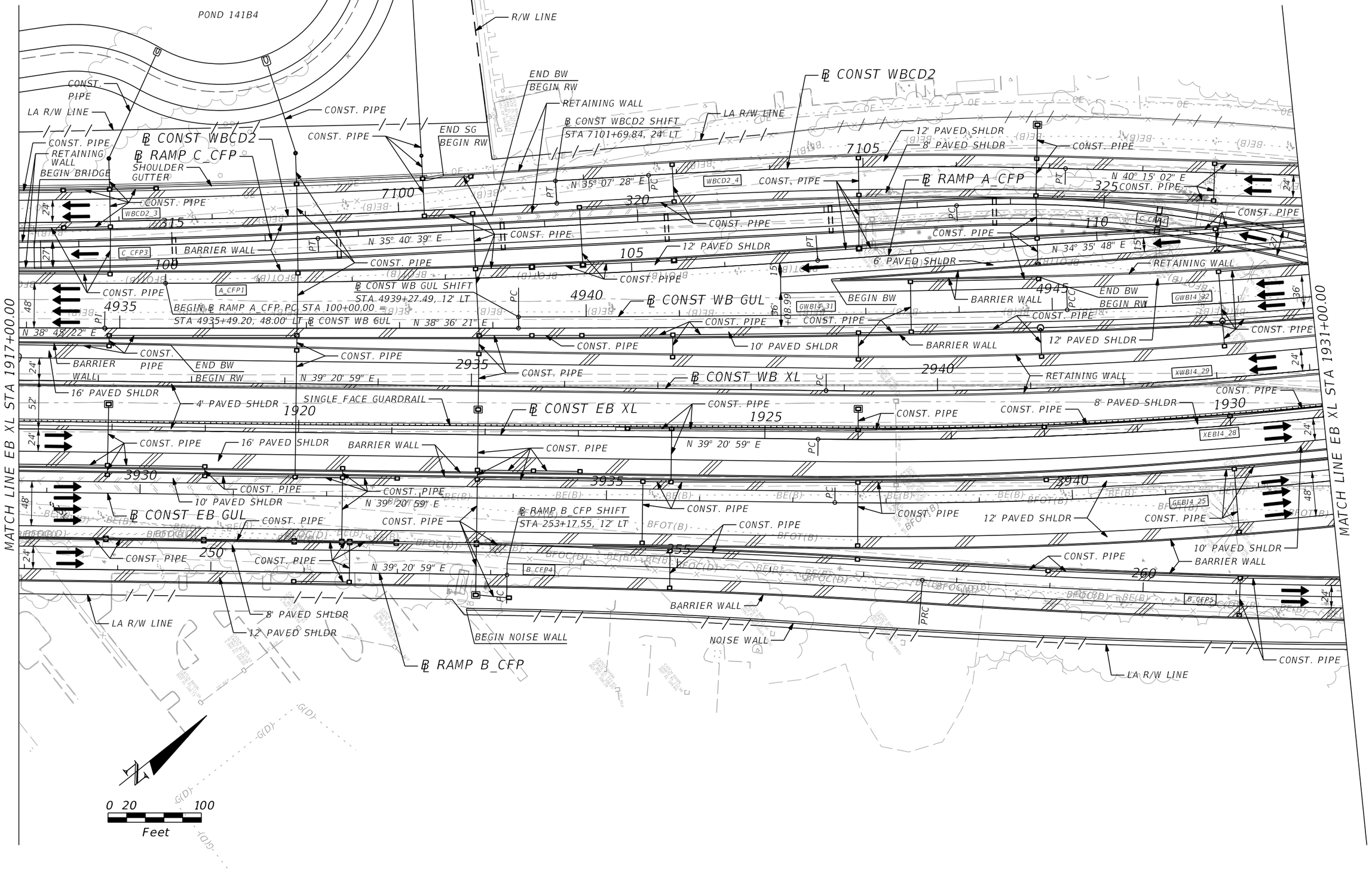
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 28

SHEET NO. 108

PRELIMINARY: NOT FOR CONSTRUCTION



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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 29

SHEET NO. 109

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EASEMENT
R/W LINE
END ℄ RAMP A_CFP STA 118+66.13 =
STA 5703+70.88, 24.00' RT ℄ EB CENTRAL FLORIDA PKWY
CONST. PIPE
RETAINING WALL
12' PAVED SHLDR
8' PAVED SHLDR
LA R/W LINE
BEGIN BRIDGE (BY OTHERS)
STATION EQUATION
STA 7110+93.87 (BK) = STA 1396+52.94 (AH)
℄ RAMP A_CFP
℄ CONST WBCD2
BARRIER WALL
6' PAVED SHLDR
SINGLE FACED GUARDRAIL
CONST. PIPE
END BW
BEGIN GR W/C&G
C&G TYPE F
10' CONC SWK
TEMP EASEMENT
CONST. PIPE
CONST. (2) 48" PIPE
END GR
TURKEY LAKE RD.
R/W LINE
R/W LINE
BY OTHERS
END C&G
℄ EB CENTRAL FLORIDA PKWY
℄ WB CENTRAL FLORIDA PKWY
CRASH CUSHION
END BW
STATION EQUATION
℄ CONST WB GUL STA 4952+65.34 (BK) = STA 4068+42.16 (AH)
STATION EQUATION
℄ CONST WB XL STA 2949+04.29 (BK) = STA 5068+57.93 (AH)
0 20 100
Feet
LA R/W LINE
BY OTHERS
CONST. PIPE
RETAINING WALL
CONST. 4'X6' CBC
CONST. PIPE
CONST. 4'X6' CBC
12' PAVED SHLDR
10' PAVED SHLDR
SINGLE FACED GUARDRAIL
8' PAVED SHLDR
EXIST. 4'X6' CBC
CONST. PIPE
CONST. PIPE
RETAINING WALL
CONST. PIPE
℄ CONST WB GUL
℄ CONST WB XL
℄ CONST EB XL
℄ CONST EB GUL
MATCH LINE EB XL STA 1931+00.00
12' PAVED SHLDR
BARRIER WALL
CONST. PIPE
BEGIN C&G BW
CONST. PIPE
EXIST. PIPE
BARRIER WALL
℄ RAMP C_CFP
CONST. PIPE
C&G TYPE F
END C&G BW
BEGIN C&G
END PROJECT 242484-8-52-01
BEGIN PROJECT 242484-7-32-01
℄ CONST EB XL STATION EQUATION
STA 1936+00.00 (BK) = STA 6068+68.33 (AH)
BY OTHERS
CONST. PIPE
N 35° 46' 06" E
STATION EQUATION
℄ CONST EB GUL STA 3947+84.00 (BK) = STA 7068+82.51 (AH)
BY OTHERS
BEGIN C&G BW
END NOISE WALL
BARRIER WALL
2.5' PAVED SHLDR
BARRIER-MOUNTED NOISE WALL
6' PAVED SHLDR
BEGIN BARRIER-MOUNTED NOISE WALL
C&G TYPE F
END C&G TYPE F
BEGIN C&G TYPE F
BEGIN GR
C&G TYPE E
SINGLE FACED GUARDRAIL
2' TRAFFIC SEPARATOR
END BARRIER-MOUNTED NOISE WALL
END C&G BW/BEGIN C&G
10' CONC SWK
END GR
LA R/W LINE
℄ RAMP B_CFP
12' PAVED SHLDR
8' PAVED SHLDR
END ℄ RAMP B_CFP STA 268+41.88 =
STA 5709+28.41 ℄ EB CENTRAL FLORIDA PKWY
MATCH LINE EB CENTRAL FLORIDA PKWY STA 5710+50.00 – SEE CENTRAL FLORIDA PKWY – PLAN 1

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) - PLAN 30

SHEET NO. 110

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N

0 20 100
Feet

LA R/W LINE

BEGIN ℄ RAMP D1_536 STA 1700+00.00 =
STA 101+77.55, 83' LT ℄ SURVEY SR 536

℄ RAMP D1_536

R/W LINE

1700

1705

1710

S 67° 48' 17" E

PC

BE(B)

D1_5361

BEGIN ℄ SURVEY SR 536
STA 101+57.94

℄ SURVEY SR 536

105

110

S 66° 19' 40" E

℄ RAMP A2_536

A2_5361

385

PCC

A2_5362

390

MATCH LINE SR 536 STA 112+00.00

R/W LINE

BEGIN ℄ RAMP A2_536 PC STA 381+26.26 =
STA 102+42.60, 80' RT ℄ SURVEY SR 536

WETLAND

LA R/W LINE

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536 - PLAN 1

SHEET NO.
111

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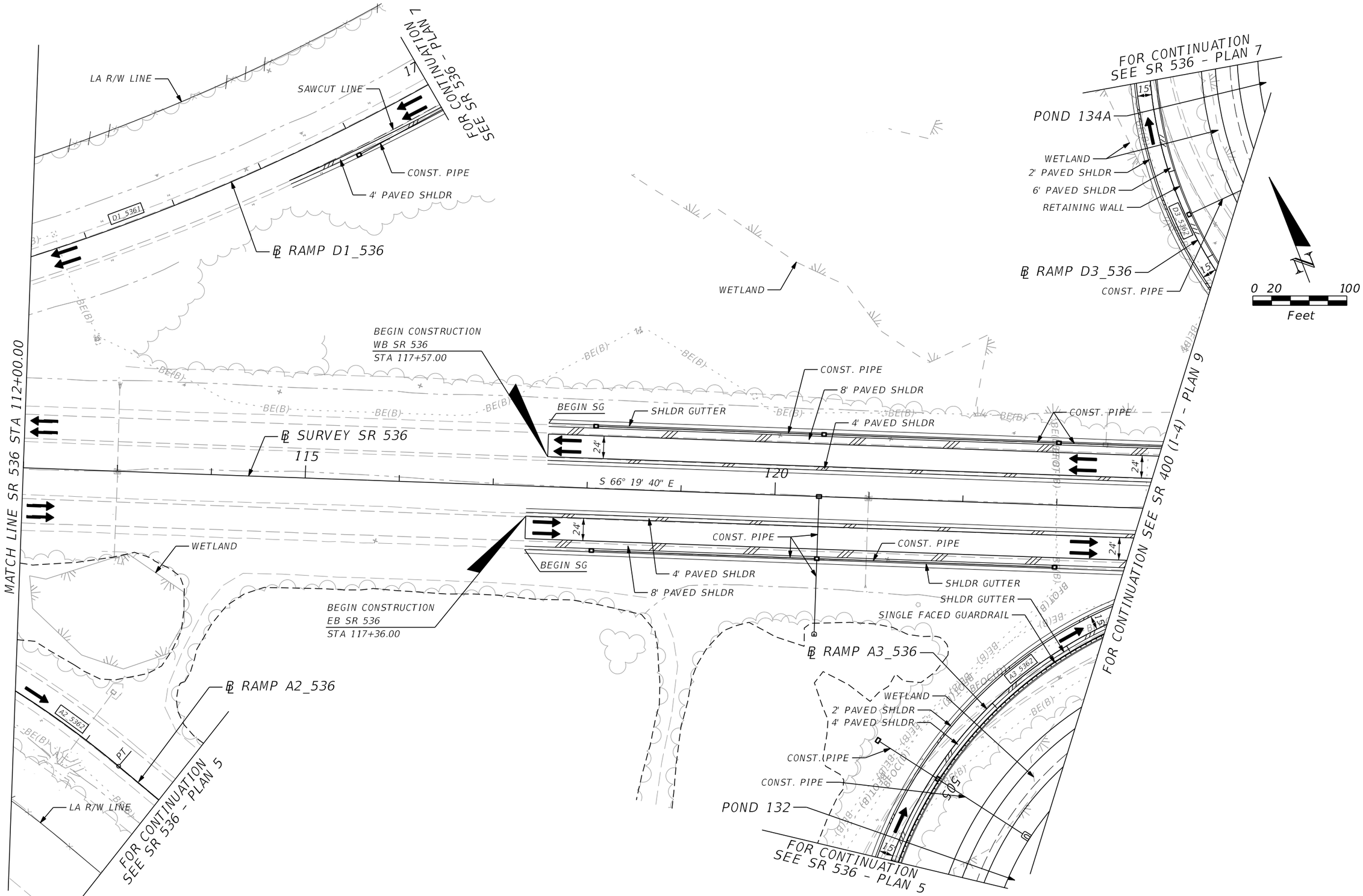

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536 - PLAN 2

SHEET NO. 112

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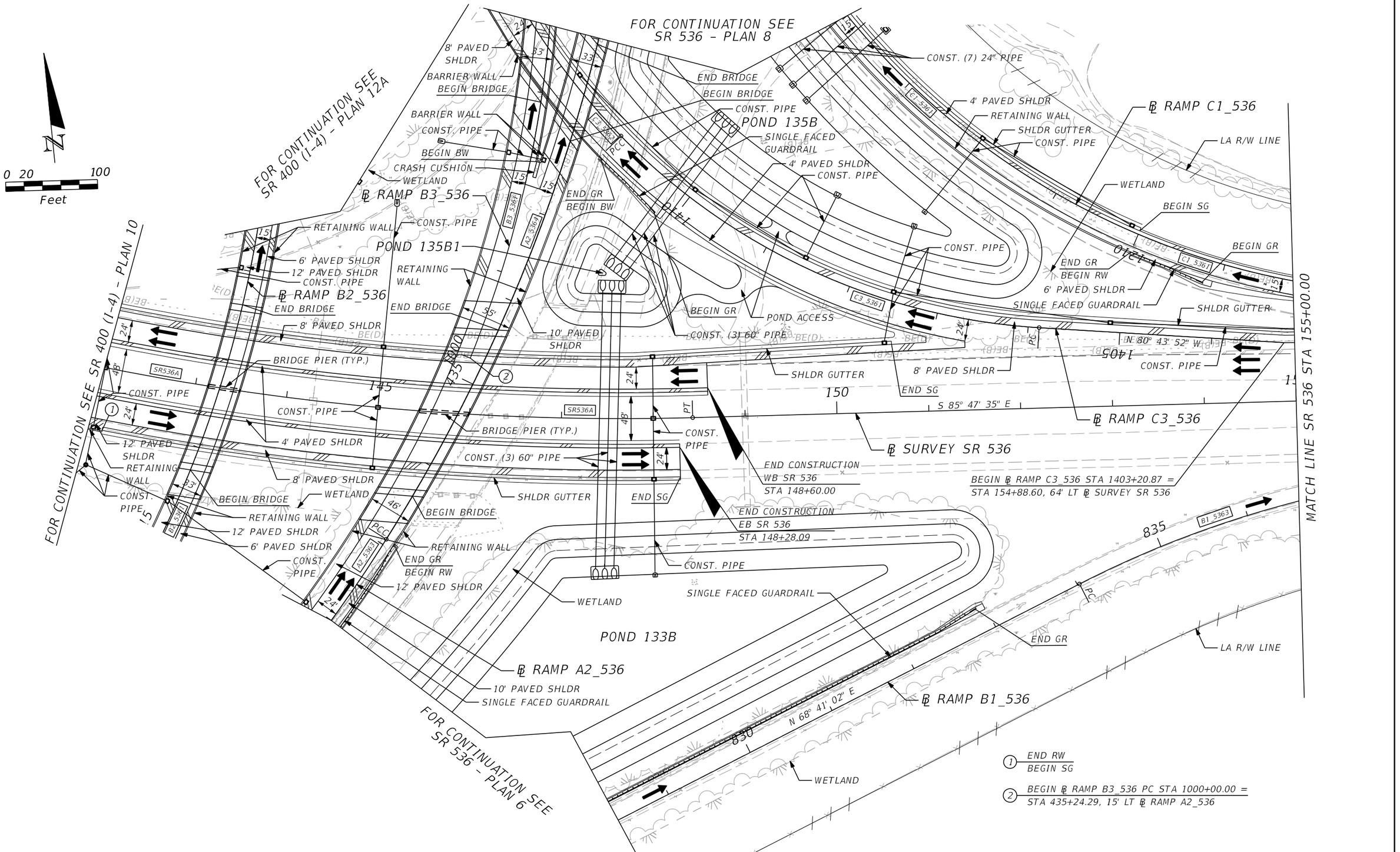

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536 - PLAN 3

SHEET NO. 113

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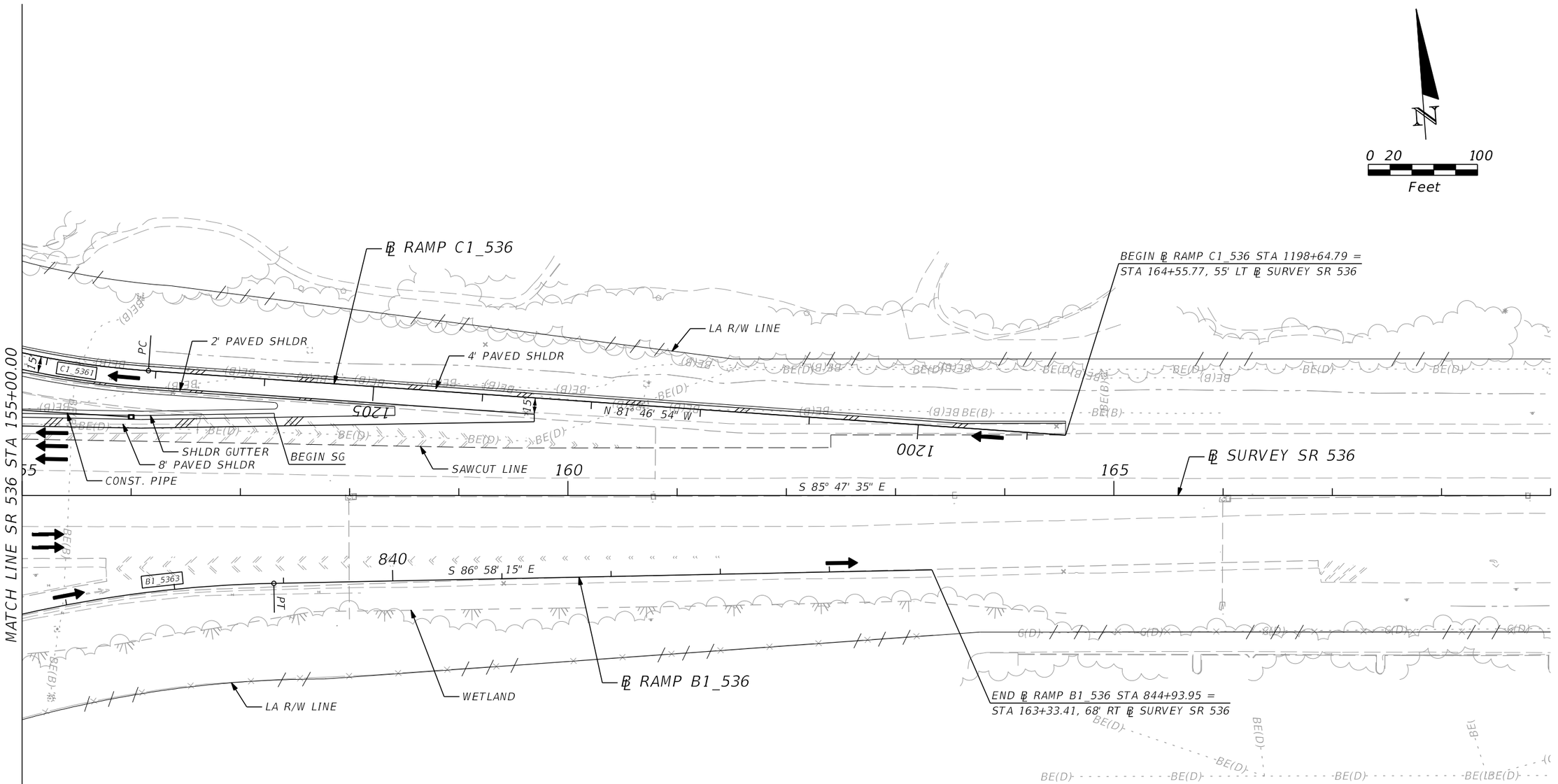

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SR 400	ORANGE	242484-8-52-01

SR 536 - PLAN 4

SHEET NO. 114

PRELIMINARY: NOT FOR CONSTRUCTION

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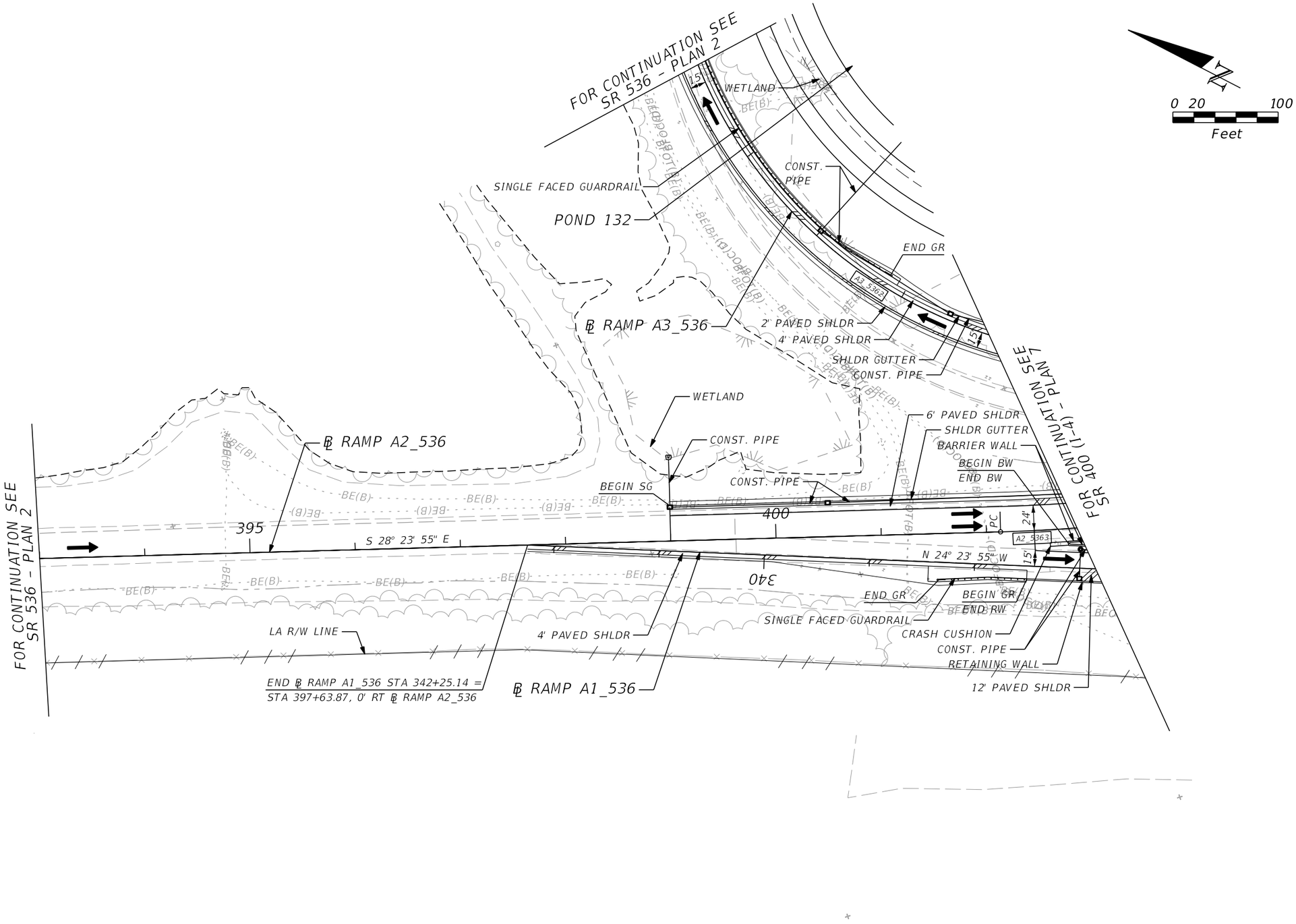

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536 - PLAN 5

SHEET NO. 115

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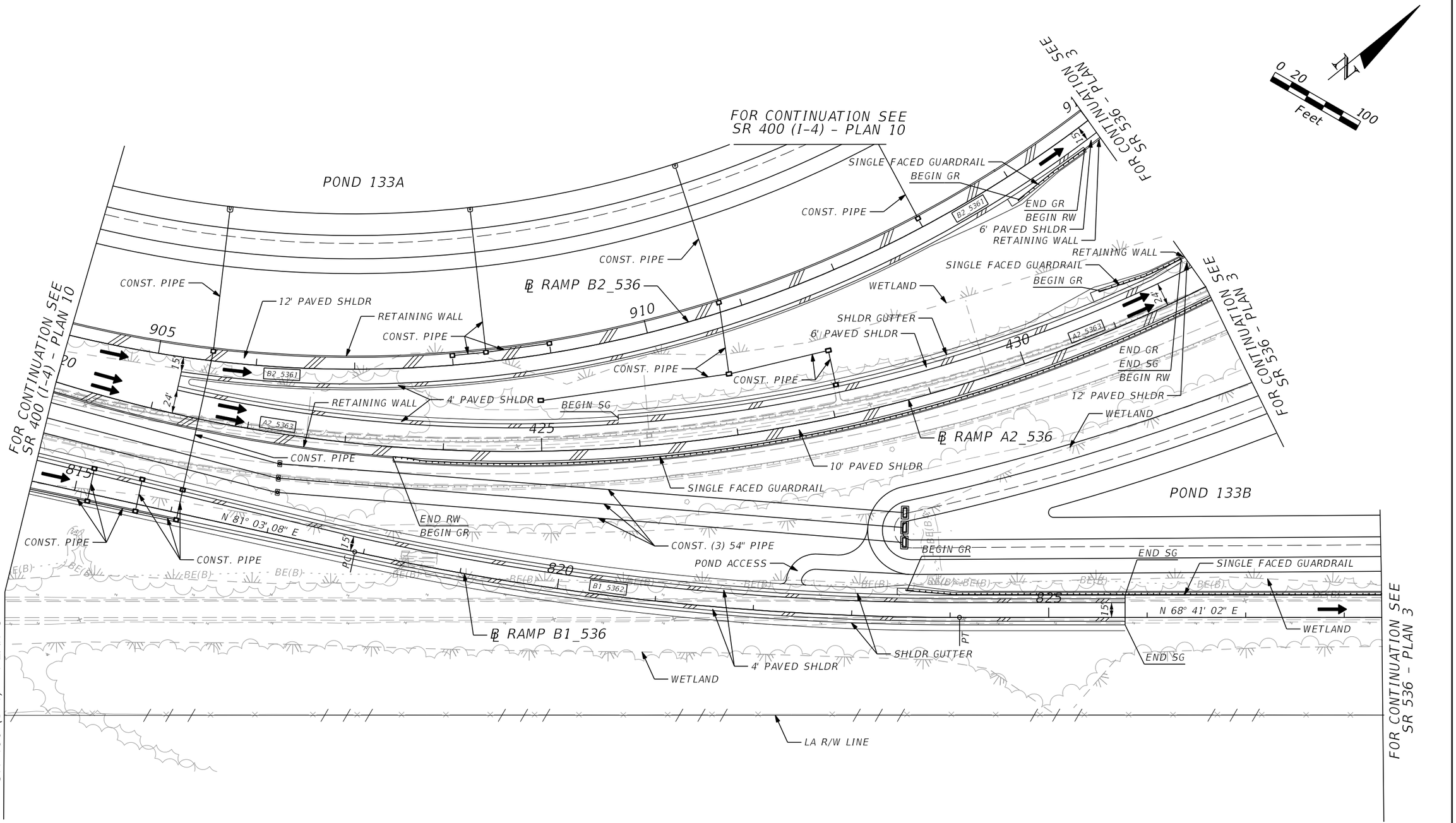

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536 - PLAN 6

SHEET NO. 116

PRELIMINARY: NOT FOR CONSTRUCTION

N

0 20 100
Feet

R/W LINE

R/W LINE

LA R/W LINE

℄ RAMP D1_536

15

D1_5361

PT

1720

N 80° 02' 55" E

SAWCUT LINE

1725

1805

FOR CONTINUATION SEE SR 536 - PLAN 2

CONST. PIPE

4' PAVED SHLDR

BEGIN SG

CONST. PIPE

BEGIN ℄ RAMP D2_536 PC STA 1800+16.03 =
STA 1720+69.42, 24' RT ℄ RAMP D1_536

6' PAVED SHLDR

SHLDR GUTTER

CONST. PIPE

4' PAVED SHLDR

D2_5361

15'

FOR CONTINUATION SEE SR 400 (I-4) - PLAN 11

℄ RAMP D2_536

D3_5362

15'

WETLAND

POND 134A

WETLAND

CONST. PIPE

℄ RAMP D3_536

SHLDR GUTTER

END SG

BEGIN RW

CONST. PIPE

RETAINING WALL

2' PAVED SHLDR

6' PAVED SHLDR

1915

15'

FOR CONTINUATION SEE SR 536 - PLAN 2

BE(B)

NF

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536 - PLAN 7

SHEET NO. 117

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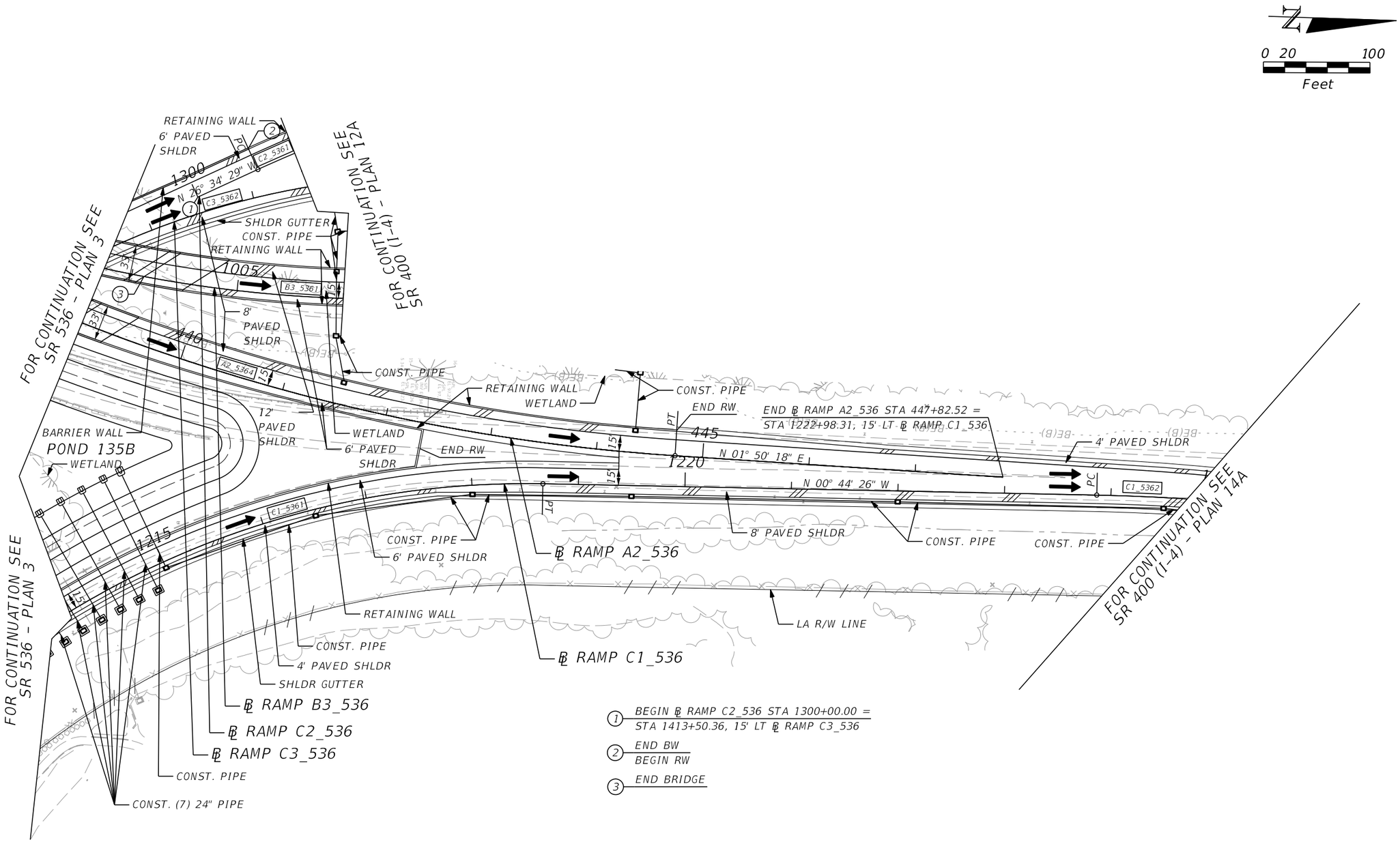

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536 - PLAN 8

SHEET NO. 118

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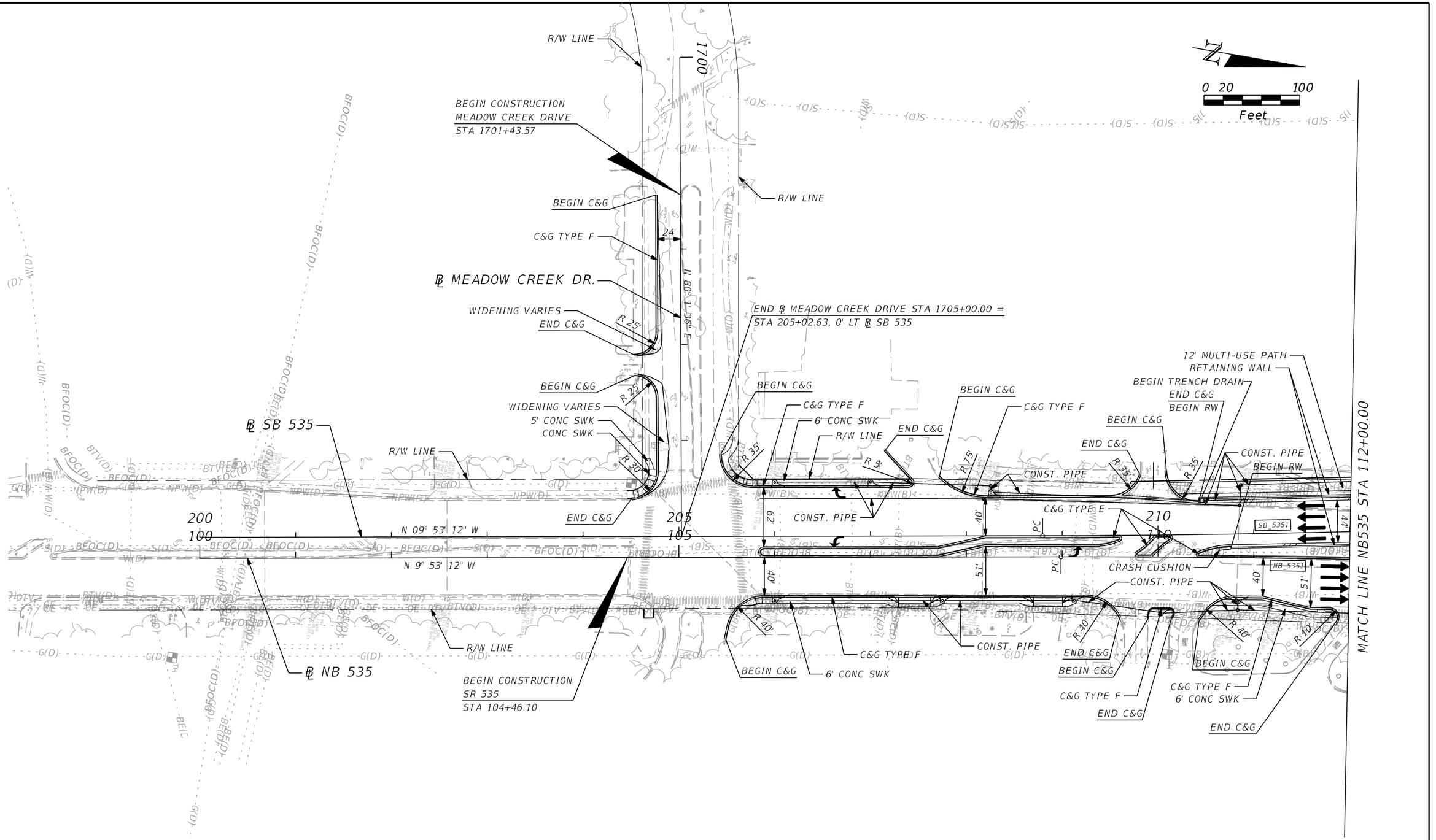

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535 - PLAN 1

SHEET NO. 119

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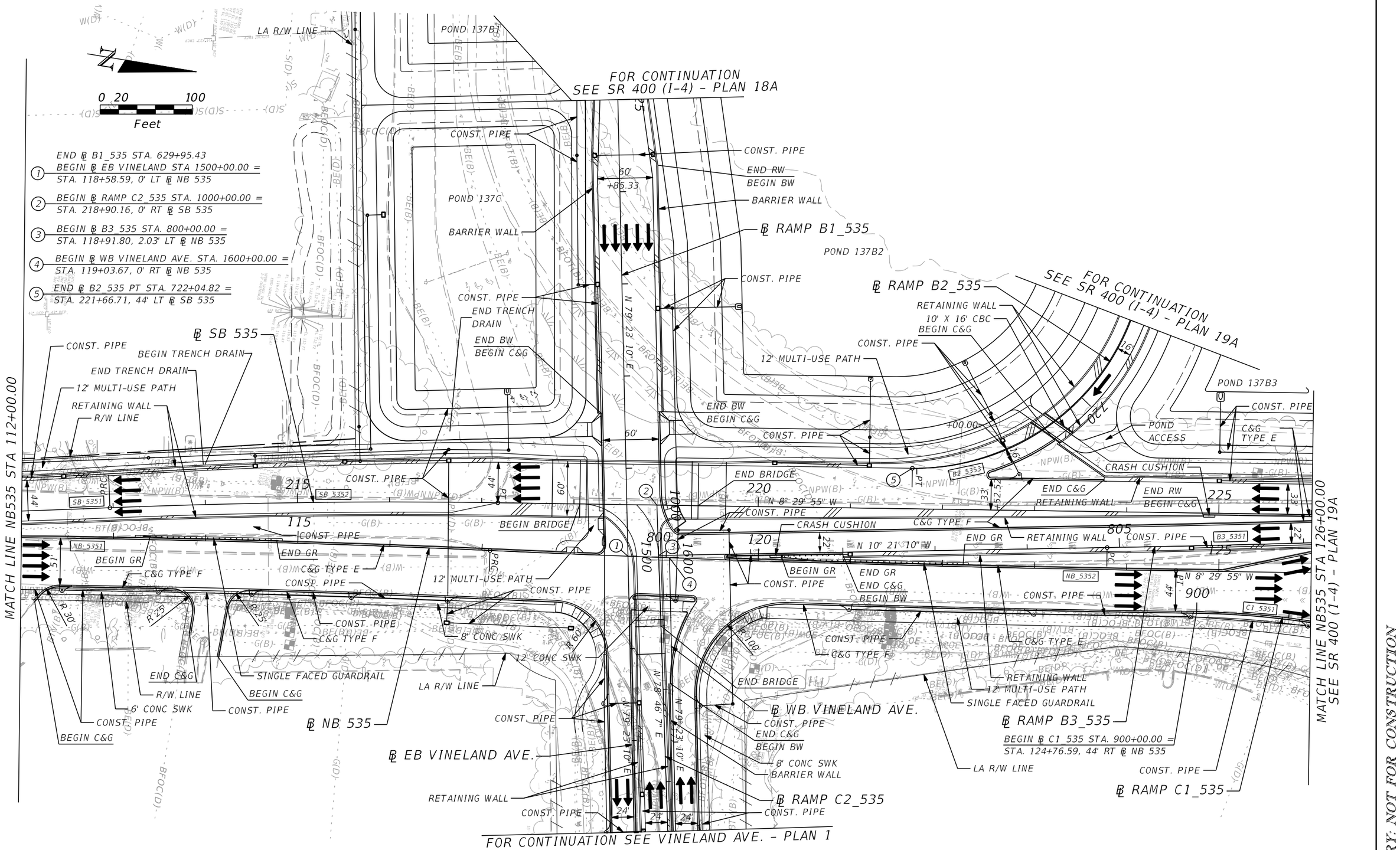

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535 - PLAN 2

SHEET NO. 120

PRELIMINARY: NOT FOR CONSTRUCTION

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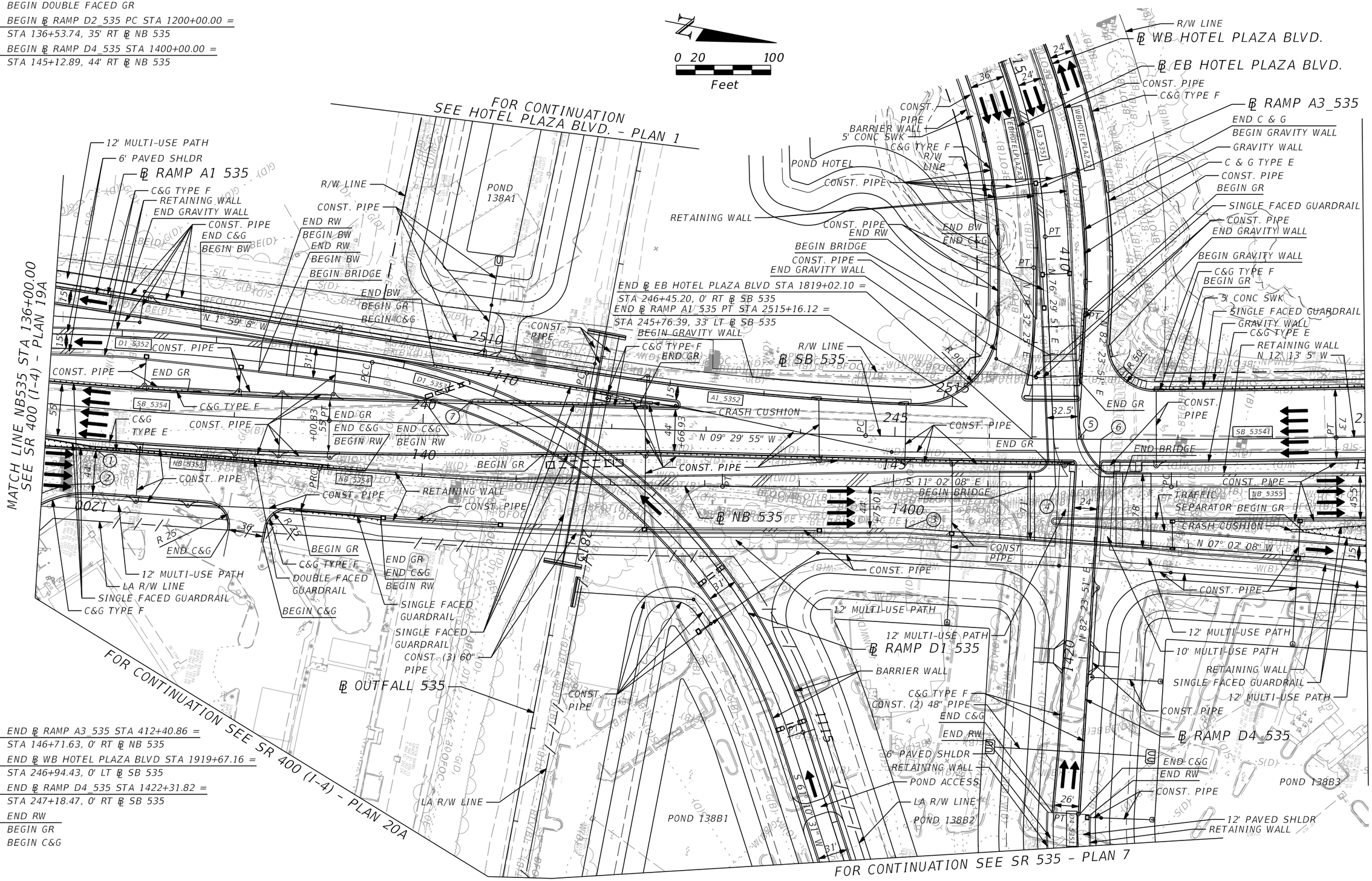
1. END SINGLE FACED GR / BEGIN DOUBLE FACED GR
2. BEGIN ℄ RAMP D2_535 PC STA 1200+00.00 = STA 136+53.74, 35' RT ℄ NB 535
3. BEGIN ℄ RAMP D4_535 STA 1400+00.00 = STA 145+12.89, 44' RT ℄ NB 535

N

0 20 100
Feet



4. END ℄ RAMP A3_535 STA 412+40.86 = STA 146+71.63, 0' RT ℄ NB 535
5. END ℄ WB HOTEL PLAZA BLVD STA 1919+67.16 = STA 246+94.43, 0' LT ℄ SB 535
6. END ℄ RAMP D4_535 STA 1422+31.82 = STA 247+18.47, 0' RT ℄ SB 535
7. END RW / BEGIN GR / BEGIN C&G

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535 - PLAN 3

SHEET NO. 121

N

0 20 100
Feet

1. END ℄ EB WGV STA 2215+99.57 = STA 261+19.67, 0' RT ℄ SB 535
2. END ℄ WB WGV STA 2315+92.97 = STA 261+49.90, 0' LT ℄ SB 535
3. BEGIN ℄ EB PALM PARKWAY STA 2000+00.00 = STA 161+08.92, 0' RT ℄ NB 535
4. BEGIN ℄ WB PALM PARKWAY STA 2100+00.00 = STA 161+37.22, 0' RT ℄ NB 535

MATCH LINE NB535 STA 150+00.00

SEE WINTER GARDEN VINELAND RD. - PLAN 1 FOR CONTINUATION

℄ WB WINTER GARDEN VINELAND ROAD

℄ EB WINTER GARDEN VINELAND ROAD

℄ SB 535

℄ NB 535
N 10° 02' 08" W

℄ RAMP D4_535

℄ EB PALM PKWY

℄ WB PALM PKWY

MATCH LINE NB535 STA 164+00.00

FOR CONTINUATION SEE SR 535 - PLAN 7

FOR CONTINUATION SEE PALM PKWY. - PLAN 1

WORK TO BE PERFORMED BY LICENSE AGREEMENT

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535 - PLAN 4

SHEET NO. 122

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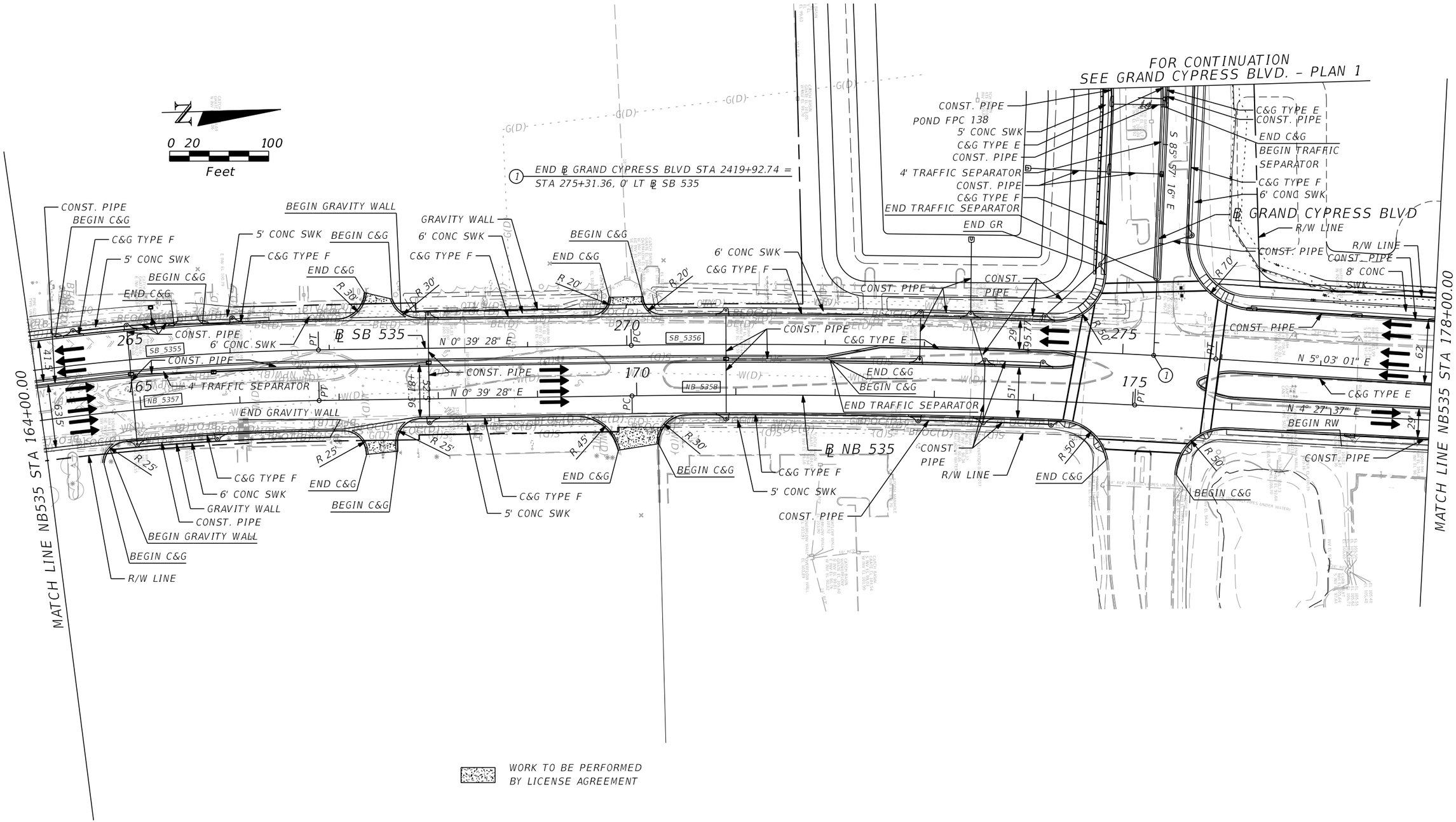

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535 - PLAN 5

SHEET NO. 123

PRELIMINARY: NOT FOR CONSTRUCTION

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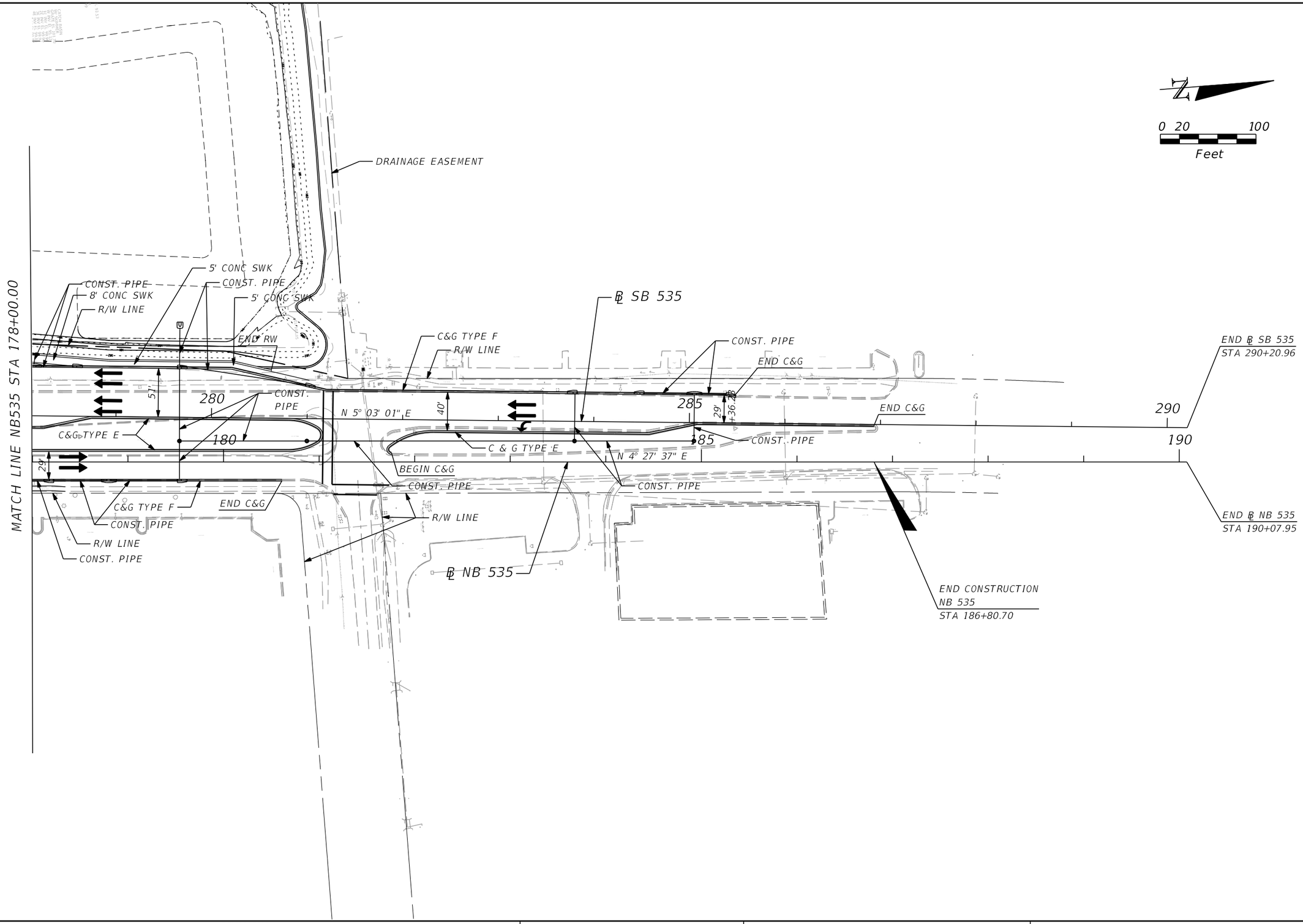

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SR 400	ORANGE	242484-8-52-01

SR 535 - PLAN 6

SHEET NO.
124

PRELIMINARY: NOT FOR CONSTRUCTION

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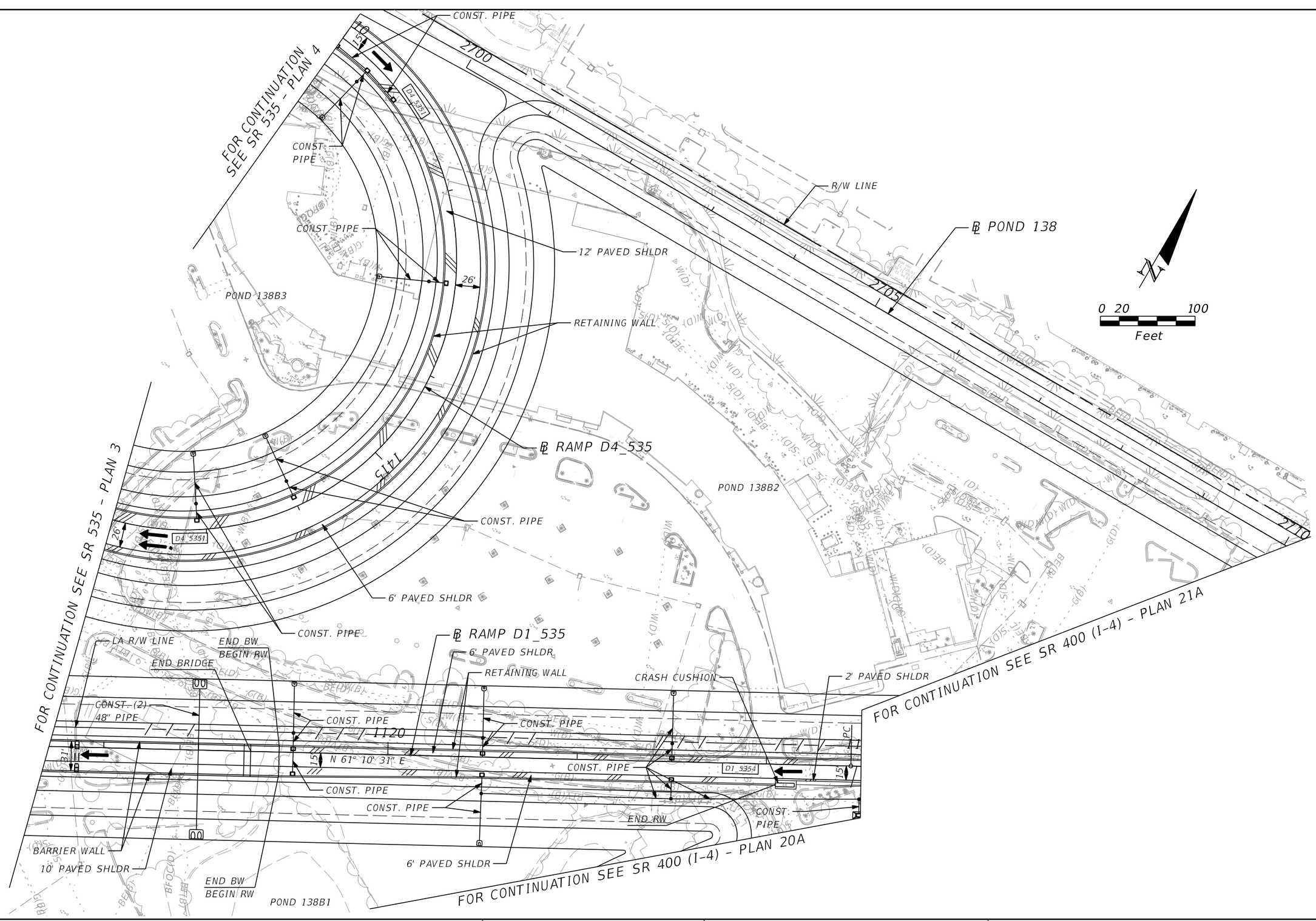

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535 - PLAN 7

SHEET NO. 125

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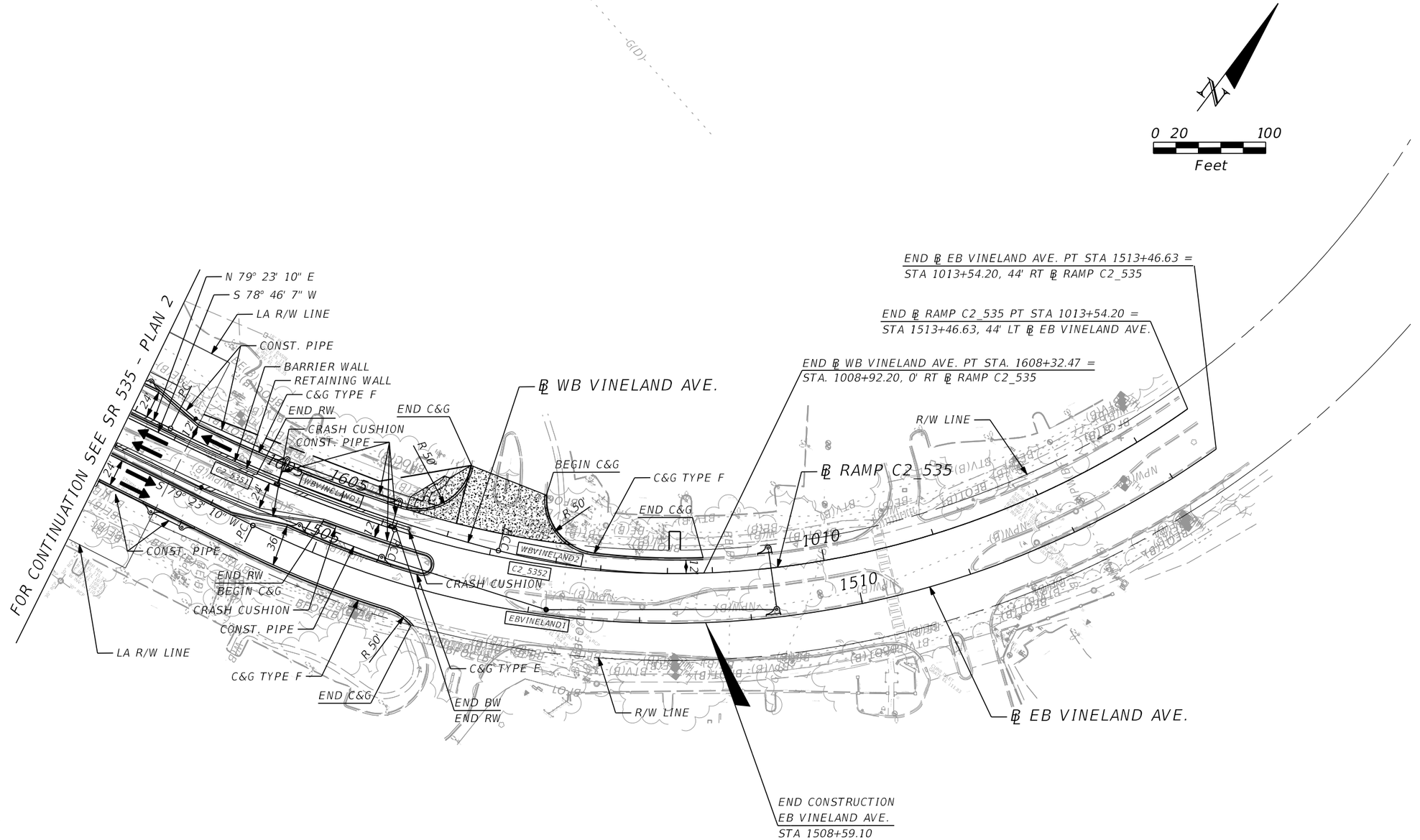

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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

VINELAND AVE - PLAN 1

SHEET NO. 126

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0 20 100
Feet

℄ OUTFALL 535

DRAINAGE EASEMENT

BEGIN CONSTRUCTION
HOTEL PLAZA BLVD
STA 1802+66.45

℄ WB HOTEL PLAZA BLVD

R/W LINE

C&G TYPE E

C&G TYPE F

CONST. PIPE

BEGIN C&G

END C&G

WBHOTELPLAZA1

EBHOTELPLAZA1

1905

1805

N 3° 45' 30" W

24"

22.00

48"

72.00

R=35'

36"

PC

24"

53'

CONST. (3) 60" PIPE

CRASH CUSHION

BEGIN RW

CONST. PIPE

BEGIN RW

BEGIN BW

℄ RAMP A3_535

RETAINING WALL

R/W LINE

1910

1810

EBHOTELPLAZA2

R=30'

R=25'

6' CONC SWK

8' CONC SWK

C&G TYPE F

℄ EB HOTEL PLAZA BLVD

BEGIN ℄ RAMP A3_535 STA 400+09.78 =
STA 1807+19.85, 0' RT ℄ EB HOTEL PLAZA BLVD

2805

405

36"

108.68

CRASH CUSHION

BEGIN RW

CONST. PIPE

BARRIER WALL

CONST. PIPE

R/W LINE

RETAINING WALL

WBHOTELPLAZA2

EBHOTELPLAZA3

A2-535T

CONST. PIPE

24"

36"

76'

CONST. PIPE

POND HPB

2810

R/W LINE

CONST. PIPE

POND 138A1

FOR CONTINUATION SEE SR 535 - PLAN 3

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SR 400	ORANGE	242484-8-52-01

HOTEL PLAZA BLVD. - PLAN 1

SHEET NO. 127

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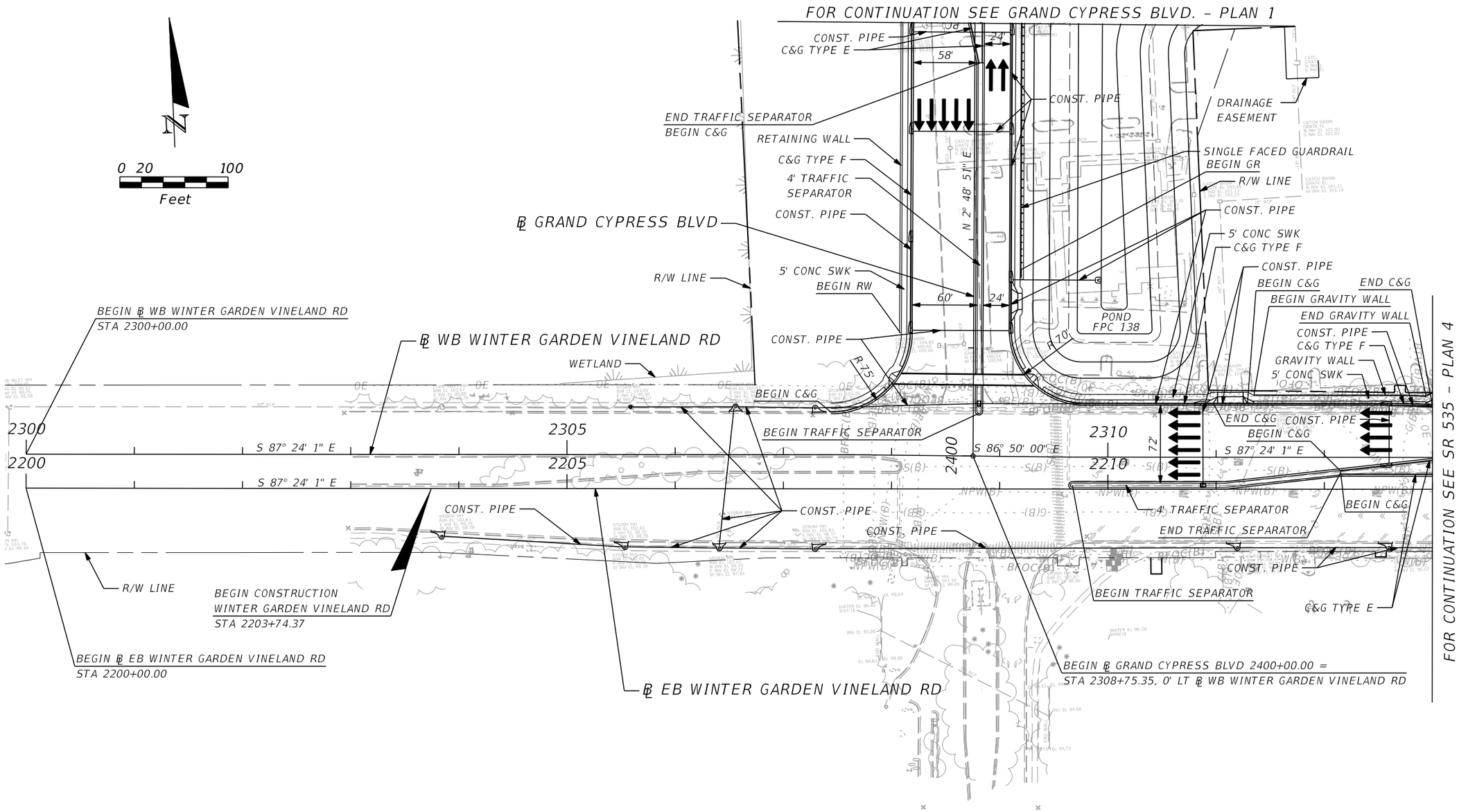

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WINTER GARDEN VINELAND RD. PLAN 1

SHEET NO. 128

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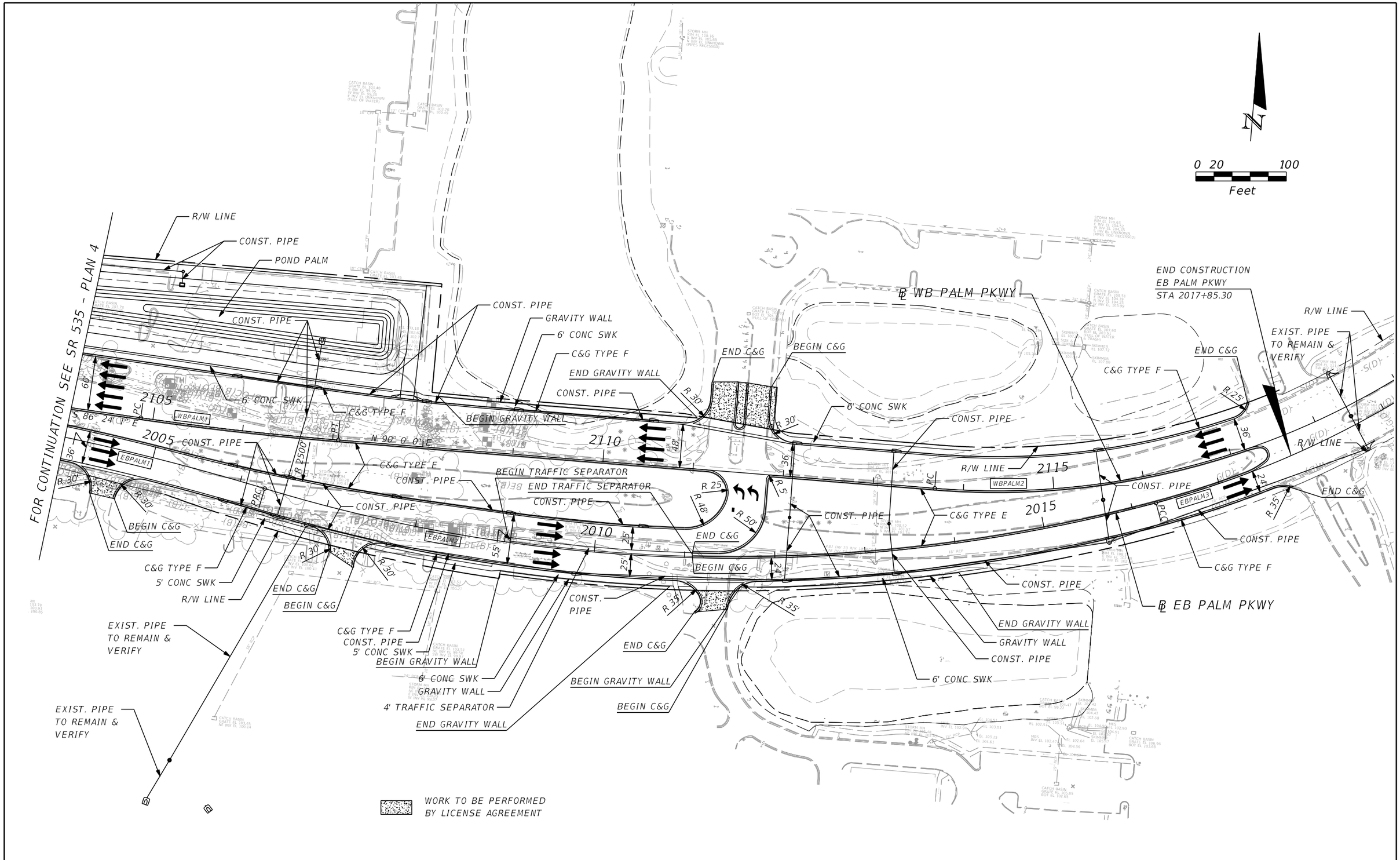

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY. - PLAN 1

SHEET NO.
129

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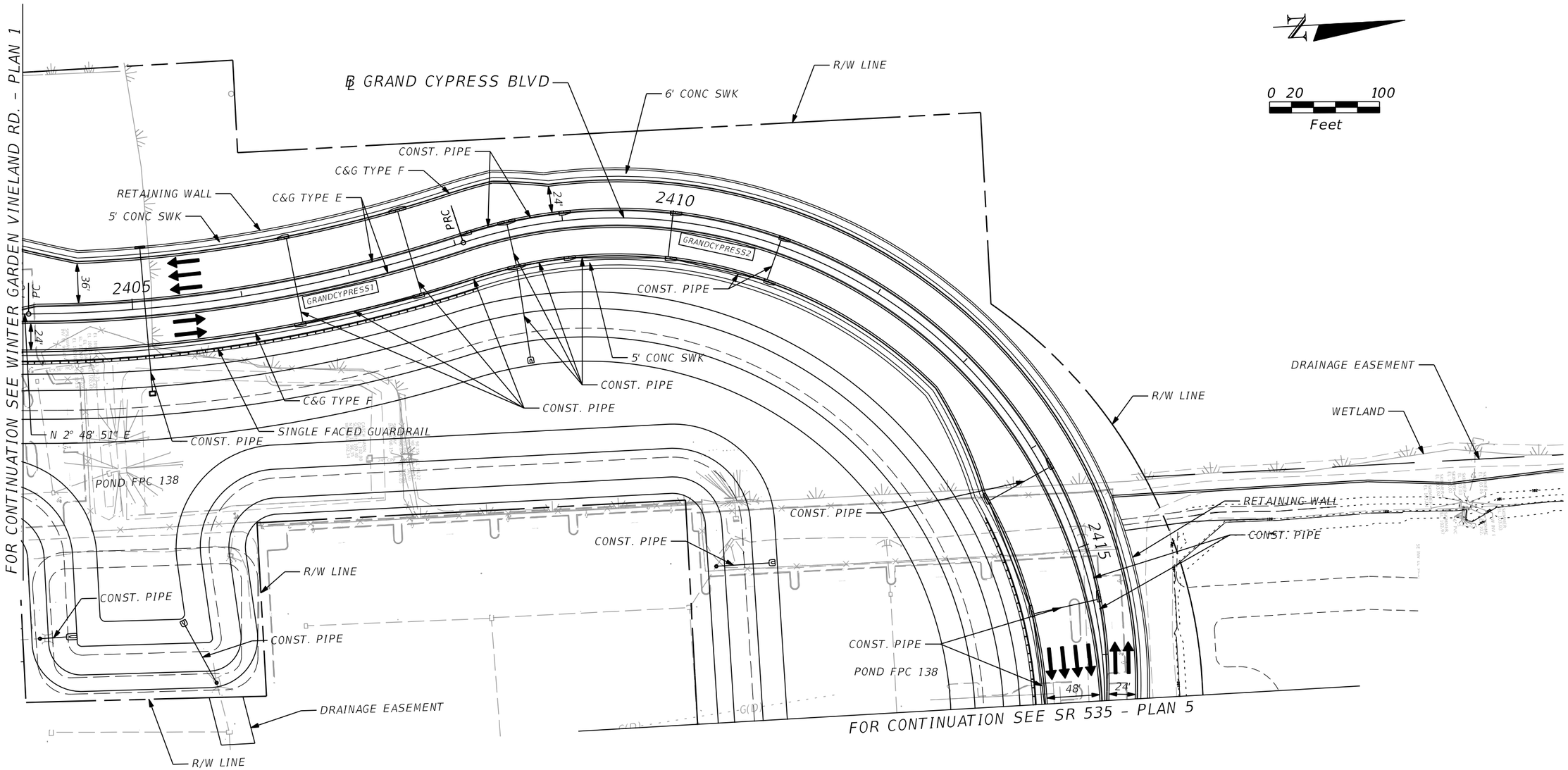

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

GRAND CYPRESS BLVD. - PLAN 1

SHEET NO. 130

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FOR CONTINUATION SEE SR 400 (I-4) - PLAN 26A

0 20 100
Feet

R/W LINE
R/W LINE
R/W LINE

BEGIN ℄ POND141 STA 600+00.00 =
STA 104+37.97, 103.97' LT
℄ DARYL CARTER PKWY

BEGIN ℄ WB DCP STA 300+00.00 =
STA 104+23.69, 26' LT ℄ DARYL CARTER PKWY

BEGIN MILL & RESURFACE/WIDENING
STA 104+14.91 ℄ DARYL CARTER PKWY
MATCH EXISTING

TRAFFIC SEPARATOR

℄ DARYL CARTER PKWY

BEGIN ℄ EB DCP STA 200+00.00 =
STA 104+23.69, 14' RT ℄ DARYL CARTER PKWY

RETAINING WALL
6' PAVED SHLDR
CONST. (2) 48" PIPES
℄ RAMP B_CFP
LA R/W LINE
℄ RAMP D_DCP
R/W LINE
LA R/W LINE
℄ WB DCP
END C&G
SWK CURB
BEGIN RW
6' CONC SWK
C&G TYPE F
BEGIN C&G
END TRAFFIC SEPARATOR
BEGIN C&G
LA R/W LINE
℄ EB DCP
8' CONC SWK
END RW
END C&G
BARRIER WALL
LA R/W LINE
℄ RAMP A_DCP
RETAINING WALL
CONST. PIPE
8' PAVED SHLDR
12' PAVED SHLDR
DOUBLE FACED GUARDRAIL
℄ CONST EB XL
℄ CONST WB XL
℄ CONST WBCD2
℄ CONST EB GUL
R/W LINE

POND 140B3
POND 140B2
POND 140B1

CONST. PIPE
CONST. (2) 48" PIPES
END BW
BEGIN RW
BEGIN BW
BARRIER WALL
C&G TYPE F
BARRIER WALL
8' CONC SWK
BEGIN BW
10' CONC SWK
END BW
EXISTING BRIDGE TO REMAIN
END RW
BEGN BW
CONST. PIPE
CONST. (2) 48" PIPES
CONST. PIPE
BARRIER WALL
CONST. PIPE
END GR
BEGIN BW
BARRIER WALL
4' PAVED SHLDR
12' PAVED SHLDR
CONST. PIPE
END GR
BEGIN BW
CONST. PIPE
SINGLE FACED GUARDRAIL BEGIN GR
DOUBLE FACED GUARDRAIL
CONST. PIPE
END BW
SINGLE FACED GUARDRAIL
CONST. PIPE
BARRIER WALL
10' PAVED SHLDR
4' PAVED SHLDR
BEGIN GR
CONST. PIPE
CONST PIPE

1 BEGIN ℄ RAMP D_DCP STA 700+00.00 =
STA 108+78.17, 0' RT ℄ DARYL CARTER PKWY
2 END ℄ RAMP A_DCP STA 486+47.57 =
STA 108+83.42, 0' RT ℄ DARYL CARTER PKWY
3 BEGIN APPROACH SLAB
STA 109+70.77
4 BEGIN BRIDGE
STA 109+90.77
5 END DOUBLE FACED GR
BEGIN SINGLE FACED GR
6 END SINGLE FACED GR
BEGIN DOUBLE FACED GR
7 TRAFFIC SEPARATOR

LEGEND
MILLING AND RESURFACING

FOR CONTINUATION SEE SR 400 (I-4) - PLAN 25A

MATCH LINE DARYL CARTER PKWY STA 114+00.00

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DARYL CARTER PKWY - PLAN 1

SHEET NO. 131

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FOR CONTINUATION SEE SR 400 (I-4) - PLAN 26A

1. BEGIN BARRIER WALL
2. END BARRIER WALL / BEGIN RETAINING WALL
3. END BRIDGE / STA 114+10.77
4. END APPROACH SLAB / STA 114+30.77
5. END ℄ RAMP B_DCP STA 515+58.37 = / STA 115+17.95, 0' RT ℄ DARYL CARTER PKWY
6. BEGIN ℄ RAMP C_DCP STA 600+00.00 = / STA 115+31.32, 0' RT ℄ DARYL CARTER PKWY
7. END BARRIER WALL
8. BEGIN BARRIER WALL / BEGIN RETAINING WALL
9. END TRAFFIC SEPARATOR

0 20 100 Feet

MATCH LINE DARYL CARTER PKWY STA 114+00.00

BEGIN BRIDGE
℄ RAMP B_CFP
12' PAVED SHLDR
24"
BARRIER WALL
6' PAVED SHLDR
10' PAVED SHLDR
RETAINING WALL
℄ RAMP C_DCP
CONST. PIPE
LA R/W LINE
BARRIER WALL
CONST. PIPE
C&G TYPE F
BEGIN RW
SWK CURB
CONST. PIPE
8' CONC SWK
CONST. PIPE
C&G TYPE E
S 51° 21' 11" E
CONST. PIPE
S 51° 21' 11" E
CONST. PIPE
END C&G
C&G TYPE F
SWK CURB
8" CONC SWK
6' CONC SWK
END RW
C&G TYPE F
BEGIN C&G
10' PAVED SHLDR
CONST. PIPE
RETAINING WALL
6' PAVED SHLDR
CONST. PIPE
END SG
BEGIN RW
END GR
LA R/W LINE
CONST. PIPE
SINGLE FACED GUARDRAIL
℄ RAMP B_DCP
BEGIN GR
PT
SHLDR GUTTER
4' PAVED SHLDR
CONST. PIPE
6' PAVED SHLDR
CONST. PIPE
48'
N 33° 08' 34" E
N 43° 17' 58" E
L=600'
210
310
115
315
120
215
40'
23'
26'
29'
51.5'
52'
28'
9' WIDENING
15' WIDENING
℄ WB DCP
END C&G
CONST. PIPE
CONST. PIPE
CONST. PIPE
END ℄ WB DCP STA 317+73.70 = / STA 121+76.65, 23' LT ℄ DARYL CARTER PKWY
END MILL & RESURFACE/WIDENING / STA 121+98.00 / MATCH EXISTING
R/W LINE
END ℄ DARYL CARTER PKWY / STA 125+42.77
125
END C&G
LA R/W LINE
℄ DARYL CARTER PKWY
℄ EB DCP
END ℄ EB DCP STA 215+96.64 = / STA 120+02.34, 26' RT ℄ DARYL CARTER PKWY
R/W LINE
REGENCY VILLAGE DR.
R/W LINE
EBDCP1
EBDCP2
EBDCP3
WBDCP3
WBDCP4
CR-D
BE(D)
OE
NPW(B)
W(B)M

LEGEND

MILLING AND RESURFACING

FOR CONTINUATION SEE SR 400 (I-4) - PLAN 25A

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DARYL CARTER PKWY - PLAN 2

SHEET NO. 132

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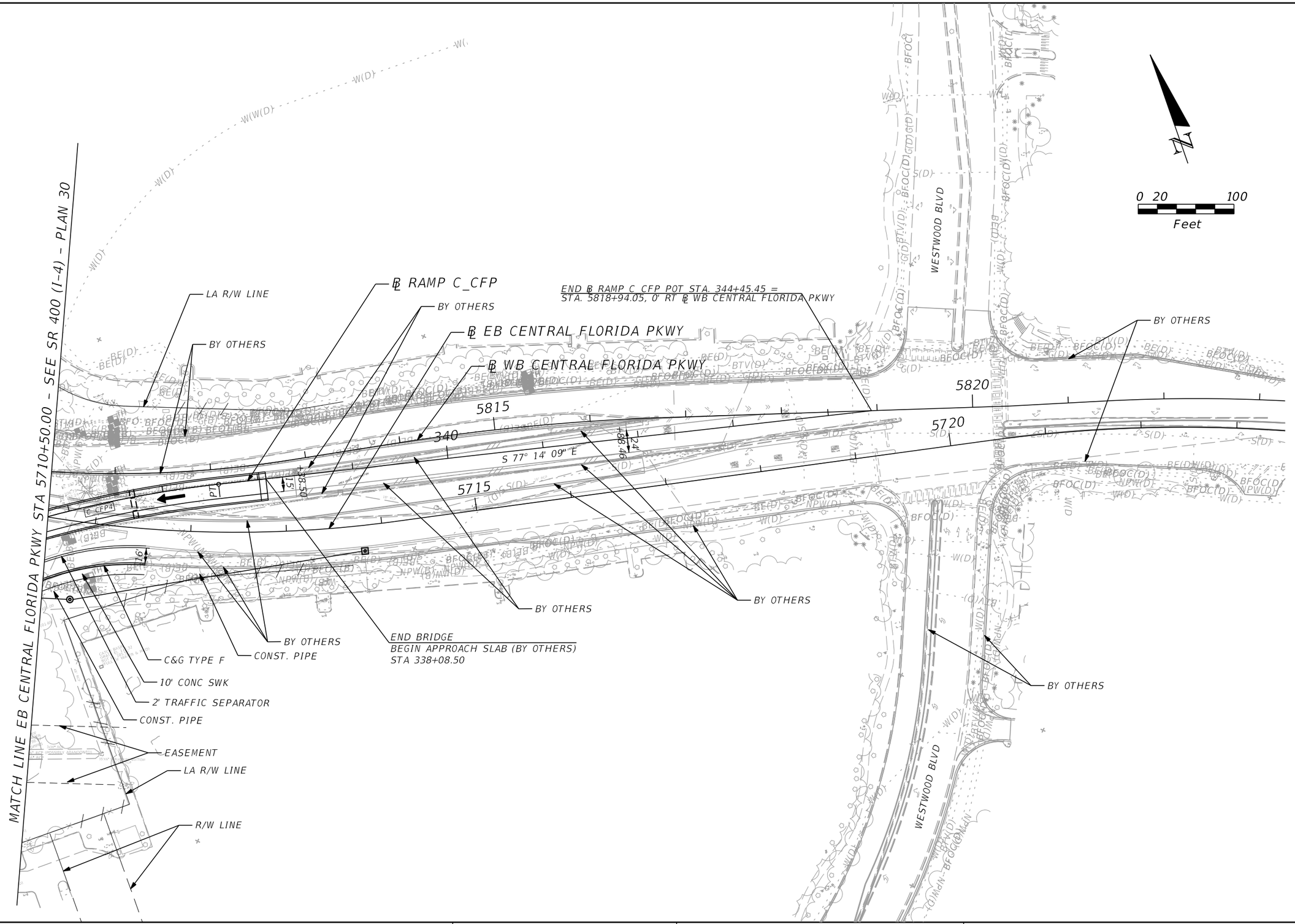

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CENTRAL FLORIDA PKWY
PLAN 1

SHEET NO. 133

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150 140 130 120 110 100 90 80 70 60

800' V.C.
K = 696

92.28 92.47 92.81 +96.00 EL. 93.27

(+)0.480% (MD) (+)0.460% (MD) (+)0.400% (MD) (+)0.350% (MD) (+)0.280% (MD) (+)0.230% (MD) (+)0.180% (MD) (+)0.100% (MD) (+)0.050% (MD) (-)0.120% (MD)

DITCH MD

DPI +00.00 EL. 92.93 (MD)
DPI +00.00 EL. 93.33 (MD)
DPI +00.00 EL. 93.68 (MD)
DPI +00.00 EL. 93.96 (MD)
DPI +00.00 EL. 94.19 (MD)
DPI +00.00 EL. 94.37 (MD)
DPI +00.00 EL. 94.47 (MD)
DPI +00.00 EL. 94.57 (MD)

EB XL PGL

S130-180

PI +96.00 EL. 98.22

(+) 0.550% (-) 0.500%

S130-190

BEGIN DITCH (MD)
STA. 1647+00.00
EL. 91.99

DPI +00.00
EL. 92.47 (MD)

EXISTING GROUND AT ℄ CONST EB XL

CONST. PIPE

+96.00 EL. 93.27

93.30 93.81 94.27 94.68 95.02 95.30 95.53 95.70 95.81 95.86 95.85 95.79

1,800' V.C.
K = 1715

88.32

BEGIN PROJECT 242484-8-52-01
END PROJECT 431456-1-52-01
STA. 1645+73.44
EL. 92.71

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

1645+00 1650+00 1655+00

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I-4 EB XL
PROFILE SHEET

SHEET NO. 134

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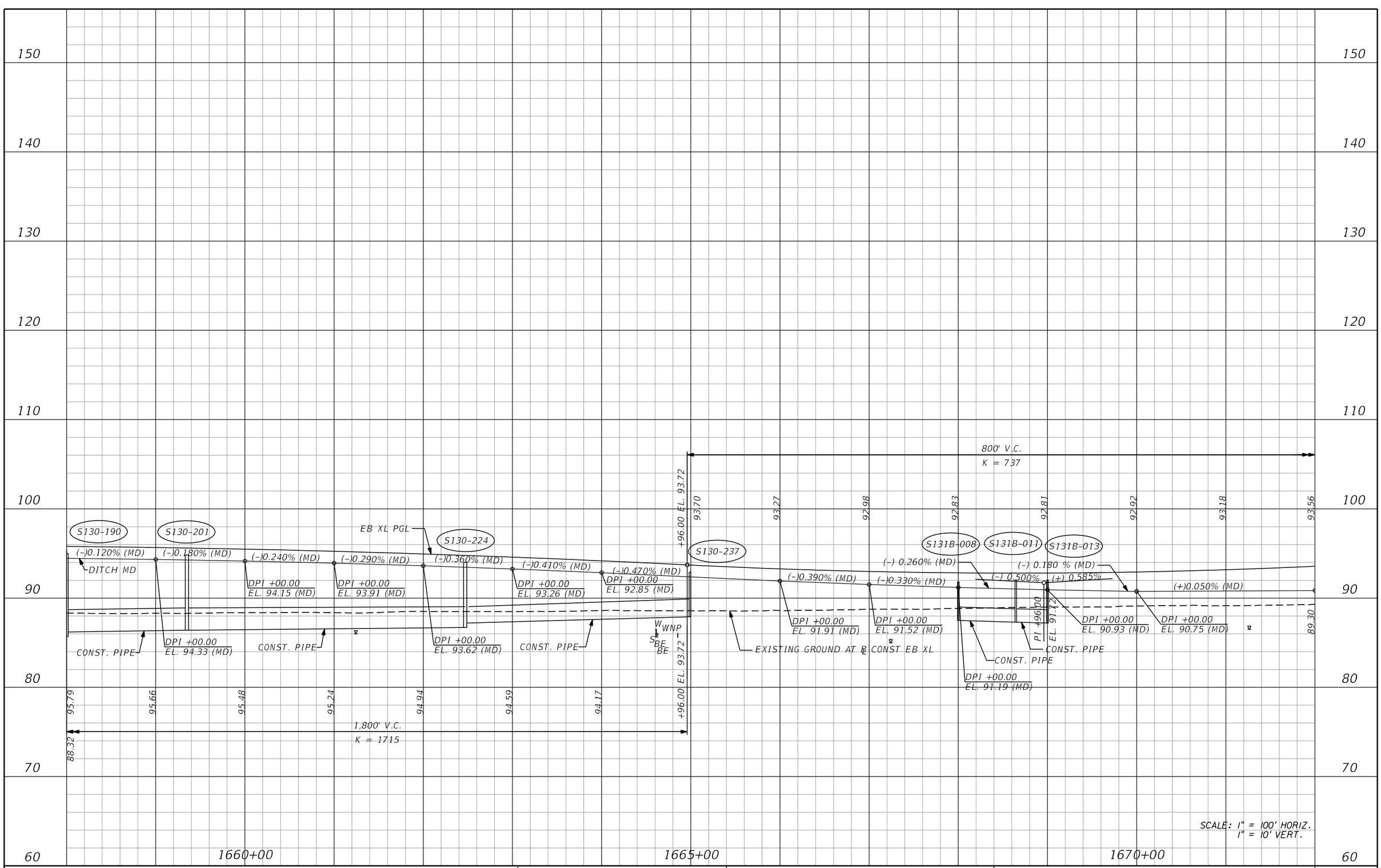

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SR 400	ORANGE	242484-8-52-01

I-4 EB XL
PROFILE SHEET

SHEET NO. 135

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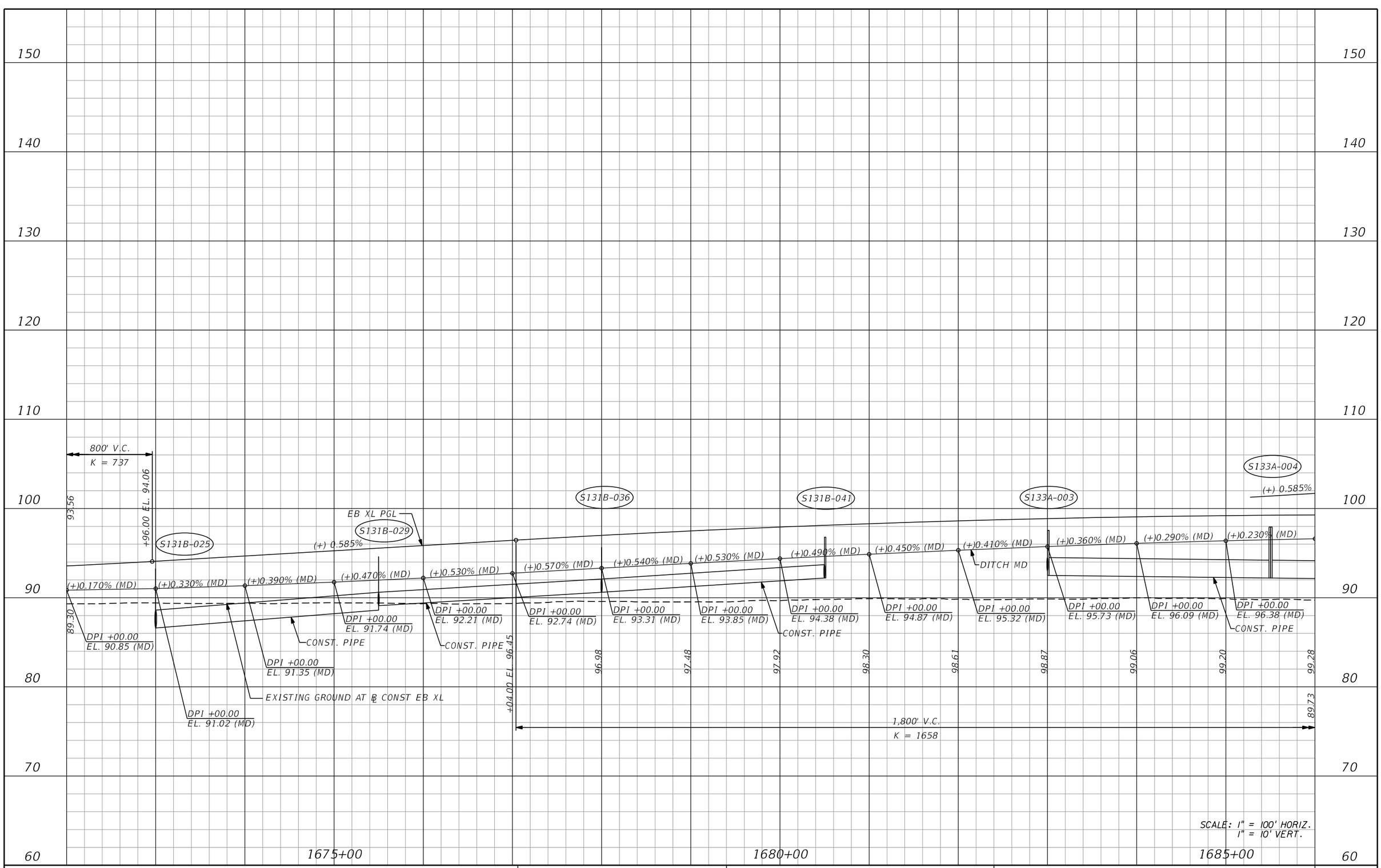

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB XL
PROFILE SHEET

SHEET NO. 136

150 140 130 120 110 100 90 80 70 60

PI +04.00
EL. 101.72
(-) 0.500%
S133A-012
END DITCH (MD)
STA. 1690+00.00
EL. 96.98
S133A-019A
BEGIN DITCH (MD)
STA. 1691+00.00
EL. 97.03
S133A-019
EB XL PGL
DPI +00.00
EL. 95.95 (MD)
S133A-032
+70.00 EL. 96.89
96.75
96.40
96.24
96.26
96.47
800' V.C.
K = 533
(+)0.170% (MD)
(+)0.100% (MD)
(+)0.050% (MD)
DITCH MD
(-)0.080% (MD)
DITCH MD
(-)0.430% (MD)
(-)0.260% (MD)
(-)0.310% (MD)
(-) 0.500%
(-)0.360% (MD)
(-)0.320% (MD)
(-)0.260% (MD)
(-)0.190% (MD)
(-)0.050% (MD)
(+) 1.000%
(-) 0.500%
PI +70.00
EL. 94.89
90.97
DPI +00.00
EL. 96.61 (MD)
DPI +00.00
EL. 96.78 (MD)
CONST. PIPE
DPI +00.00
EL. 96.88 (MD)
CONST. PIPE
(3) 48" PIPES
EL. 82.79
CONST. PIPE
DPI +00.00
EL. 96.95 (MD)
DPI +00.00
EL. 96.52 (MD)
CONST. PIPE
DPI +00.00
EL. 96.26 (MD)
DPI +00.00
EL. 95.59 (MD)
EXISTING GROUND AT ℄ CONST EB XL
DPI +00.00
EL. 95.27 (MD)
DPI +00.00
EL. 95.01 (MD)
DPI +00.00
EL. 94.82 (MD)
99.28
99.29
99.25
99.14
98.97
98.75
98.46
98.11
97.71
97.24
+04.00 EL. 97.22
89.73
1,800' V.C.
K = 1658
SCALE: 1" = 100' HORIZ.
1" = 10' VERT.
1690+00
1695+00
1700+00

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I-4 EB XL
PROFILE SHEET

SHEET NO. 137

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150
140
130
120
110
100
90
80
70
60

800' V.C.
K = 533

96.47
96.87
97.46
98.24
+70.00 EL. 98.89

(+) 1.000%
(-)0.050% (MD)
DITCH MD
(+)0.660% (MD)
DPI +00.00
ELEV. 94.67 (MD)
(+)0.200% (MD)
DPI +00.00
EL. 95.33 (MD)
94.83
90.97
END DITCH (MD)
STA. 1704+00.00
EL. 95.53
BEGIN DITCH (MD)
STA. 1705+00.00
EL. 95.65
BE
S135A-005
(+)0.260% (MD)
CONST. PIPE
EXISTING GROUND AT ℄ CONST EB XL
EB XL PGL
S135A-011
(+)0.400% (MD)
DPI +00.00
EL. 95.91 (MD)
(+)0.530% (MD)
DPI +00.00
EL. 96.31 (MD)
(+)0.590% (MD)
DPI +00.00
EL. 96.84 (MD)
CONST. PIPE
(+) 1.000%
S135A-017
(+)0.600% (MD)
DPI +00.00
EL. 97.43 (MD)
DITCH MD
(+)0.610% (MD)
DPI +00.00
EL. 99.23 (MD)
CONST. PIPE
S135A-018
(+)0.600% (MD)
CONST. PIPE
DPI +00.00
EL. 99.84 (MD)
+94.00 EL. 108.13
108.19
109.14
94.27
1,800' V.C.
K = 1200

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

1700+00
1705+00
1710+00

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I-4 EB XL
PROFILE SHEET

SHEET NO.
138

PRELIMINARY: NOT FOR CONSTRUCTION

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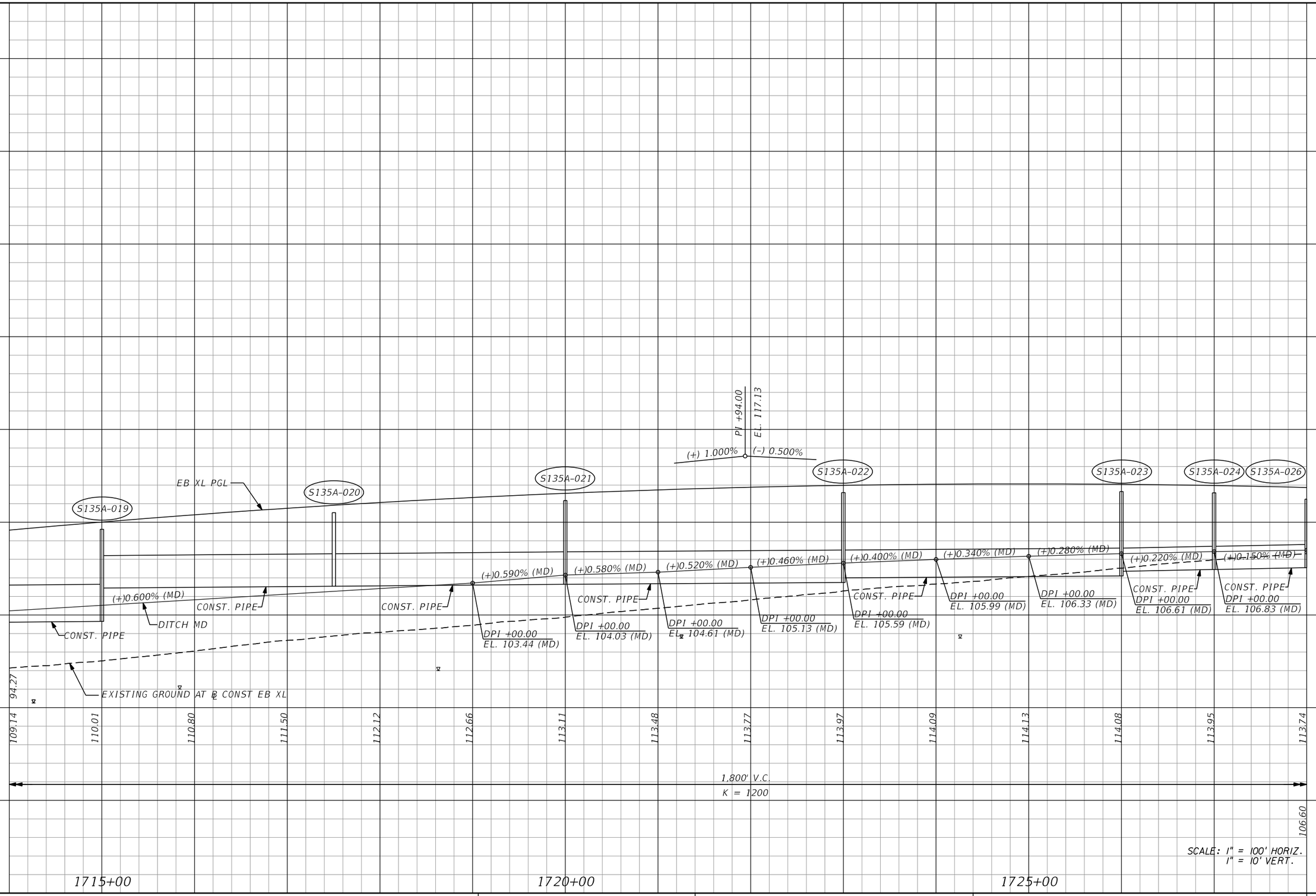

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB XL
PROFILE SHEET

SHEET NO. 139

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PRELIMINARY: NOT FOR CONSTRUCTION

150
140
130
120
110
100
90
80
70
60

S136-006
S136-012
EB XL PGL
DITCH MD
DPI +00.00
EL. 107.15 (MD)
(+)0.090% (MD)
(+)0.080% (MD)
(–)0.090% (MD)
(–)0.060% (MD)
(–)0.160% (MD)
(–)0.200% (MD)
(–)0.280% (MD)
(–)0.330% (MD)
(–)1.420% (MD)
(–) 0.500%
DPI +50.00
EL. 105.32 (MD)
(–)0.040% (MD)
(–)0.120% (MD)
(–)0.490% (MD)
(–)0.470% (MD)
(–)0.360% (MD)
(–)0.210% (MD)
107.10
102.70
DPI +00.00
EL. 106.98 (MD)
DPI +00.00
EL. 107.07 (MD)
DPI +00.00
EL. 107.06 (MD)
DPI +00.00
EL. 107.00 (MD)
DPI +00.00
EL. 106.84 (MD)
DPI +00.00
EL. 106.64 (MD)
DPI +00.00
EL. 106.36 (MD)
DPI +00.00
EL. 106.03 (MD)
DPI +00.00
EL. 105.30 (MD)
DPI +00.00
EL. 105.18 (MD)
DPI +00.00
EL. 104.69 (MD)
DPI +00.00
EL. 104.22 (MD)
DPI +00.00
EL. 103.86 (MD)
CONST. PIPE
EXISTING GROUND AT ℄ CONST EB XL
(1) 72" PIPE
EL. 93.72
+94.00 EL. 112.63
106.60 113.74
113.44
113.06
1,800' V.C.
K = 1200
1730+00
1735+00
1740+00
SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB XL
PROFILE SHEET

SHEET NO.
140

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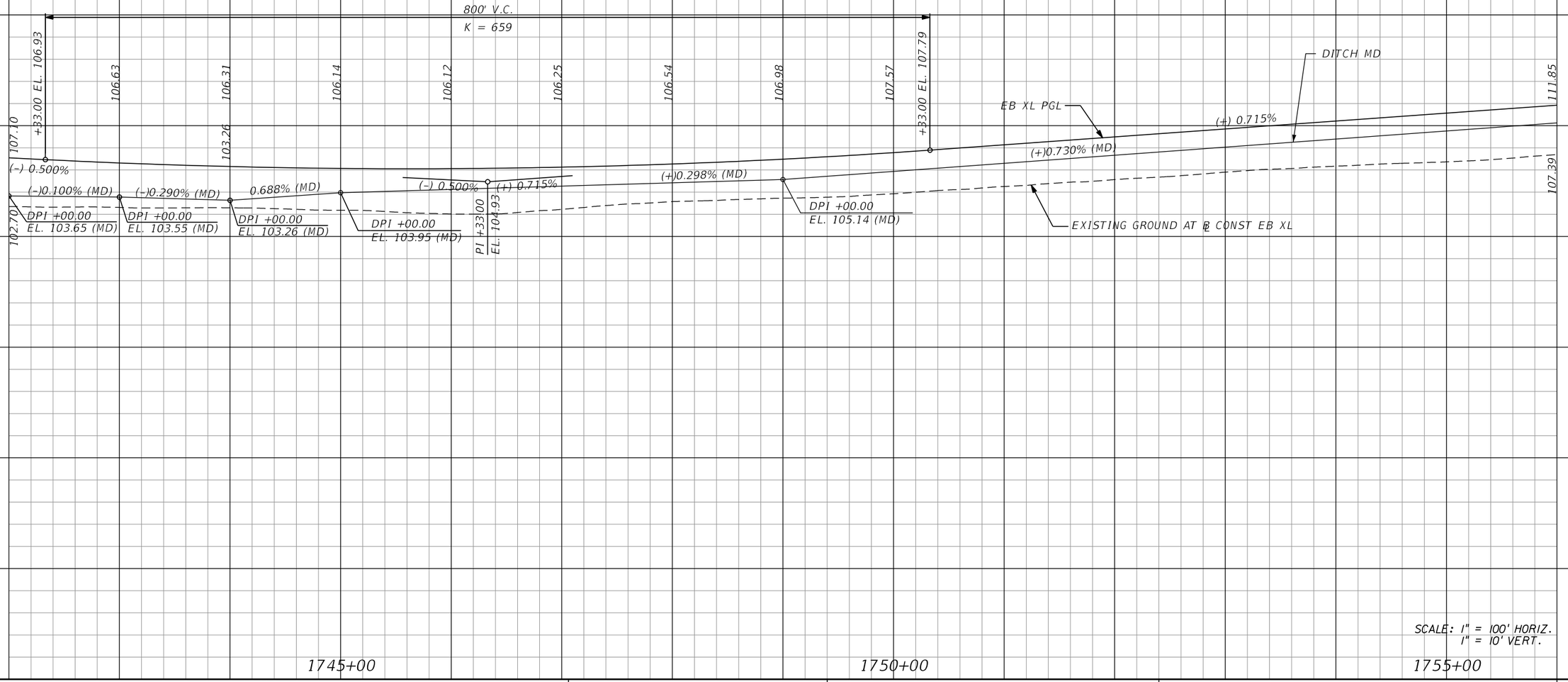

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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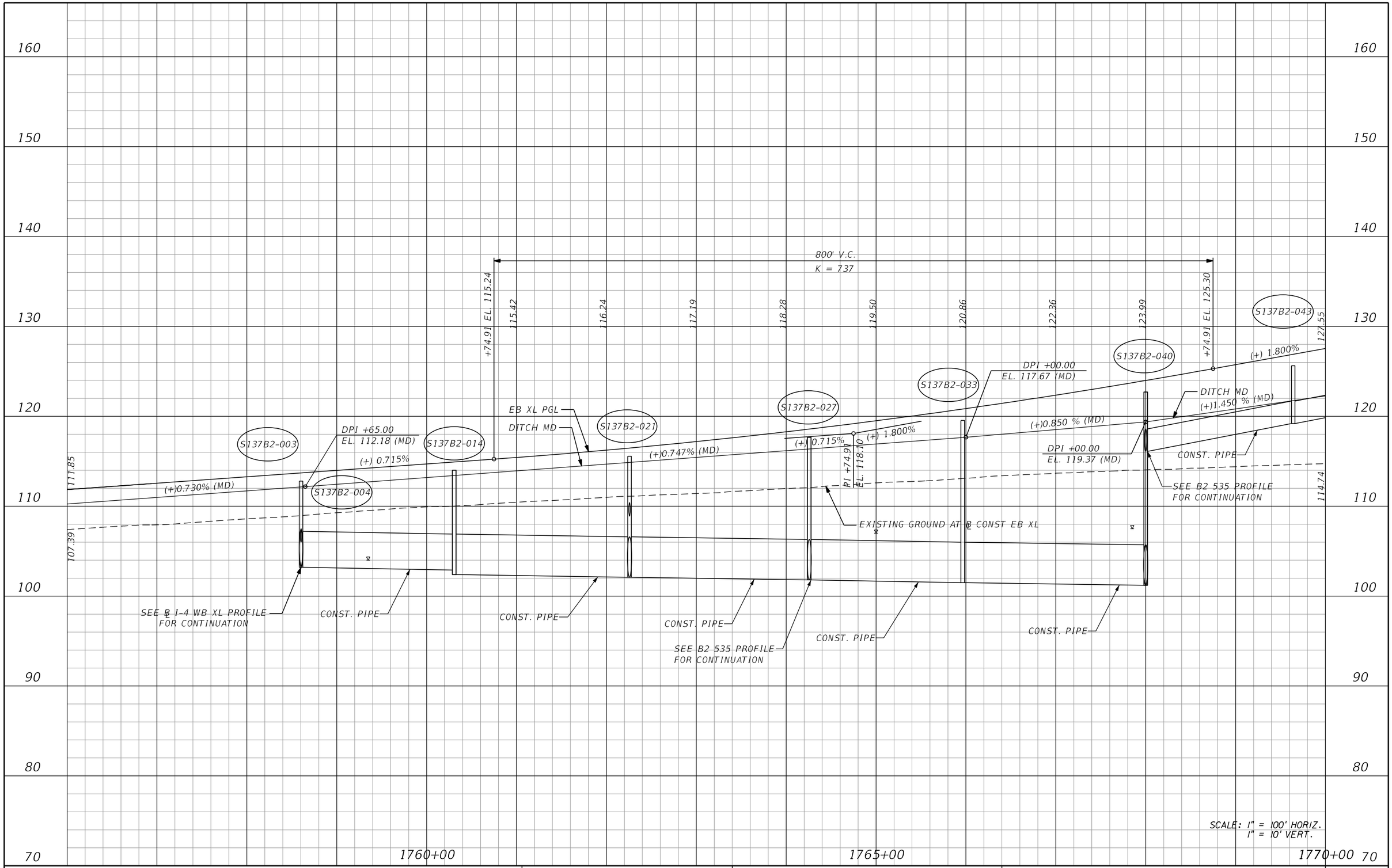
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB XL
PROFILE SHEET

SHEET NO. 141



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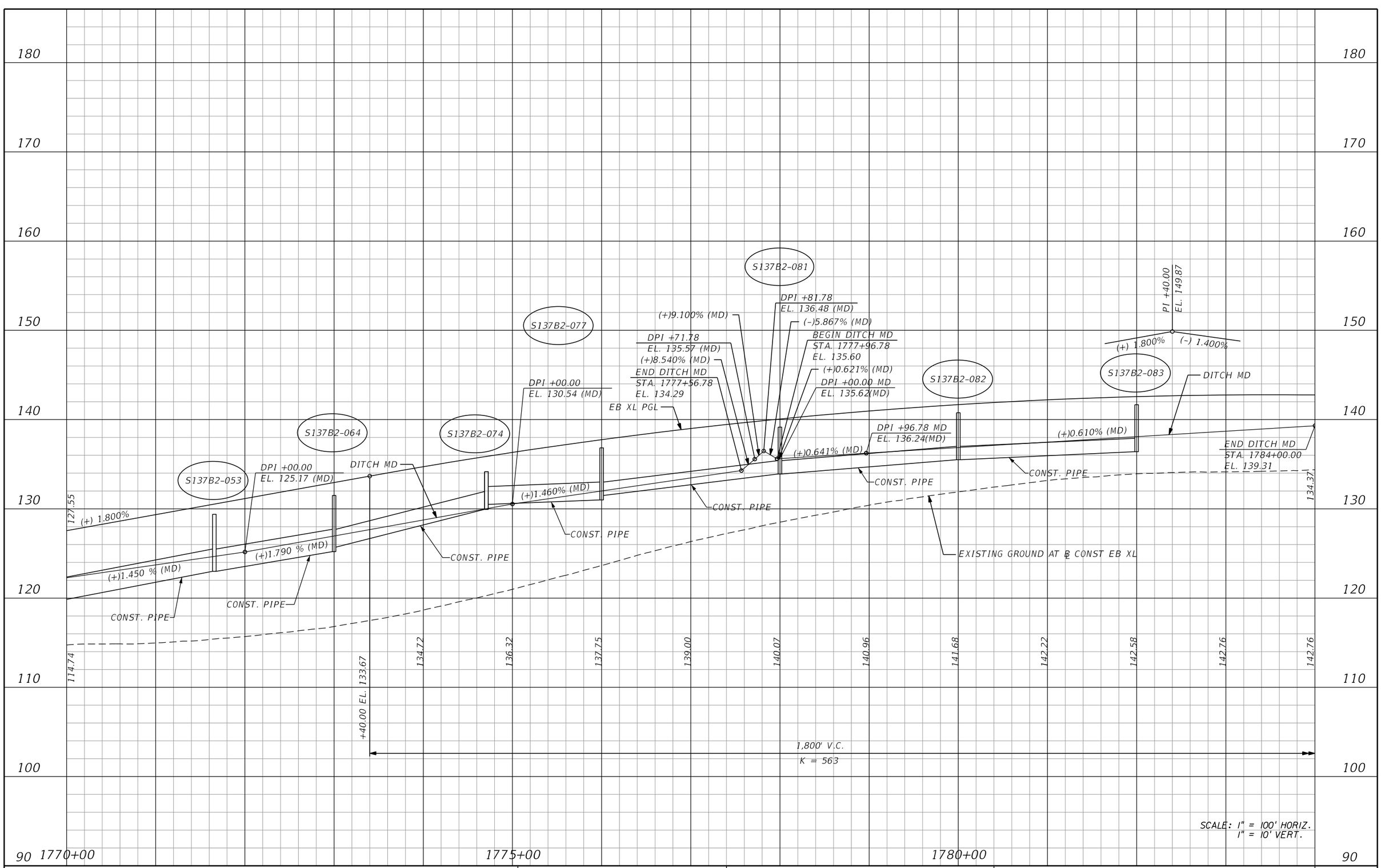
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB XL
PROFILE SHEET

SHEET NO. 142

glen.dvorovy 2/24/2021 8:26:02 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_XEB14_09.dgn



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB XL
PROFILE SHEET

SHEET NO. 143

PRELIMINARY: NOT FOR CONSTRUCTION

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180
170
160
150
140
130
120
110
100
90

BEGIN BRIDGE
134.37
END BRIDGE
142.76
BEGIN BRIDGE
142.59
END BRIDGE
142.24
BEGIN BRIDGE
141.71
END BRIDGE
141.00
140.12
139.06
137.82
+40.00 EL. 137.27
BEGIN DITCH MD
STA. 1790+00.00
EL. 137.03
S138B1-027
S138B1-033
DITCH MD
S138B1-038
DPI +00.00
EL. 131.27 (MD)
S138B1-044
EB XL PGL
S138B1-051
128.03
107.94
(-)1.440% (MD)
(-)1.400%
(-)1.395% (MD)
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
EXISTING GROUND AT ℄ CONST EB XL
1,800' V.C.
K = 563
SCALE: 1" = 100' HORIZ.
1" = 10' VERT.
1785+00
1790+00
1795+00

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB XL
PROFILE SHEET

SHEET NO. 144

PRELIMINARY: NOT FOR CONSTRUCTION

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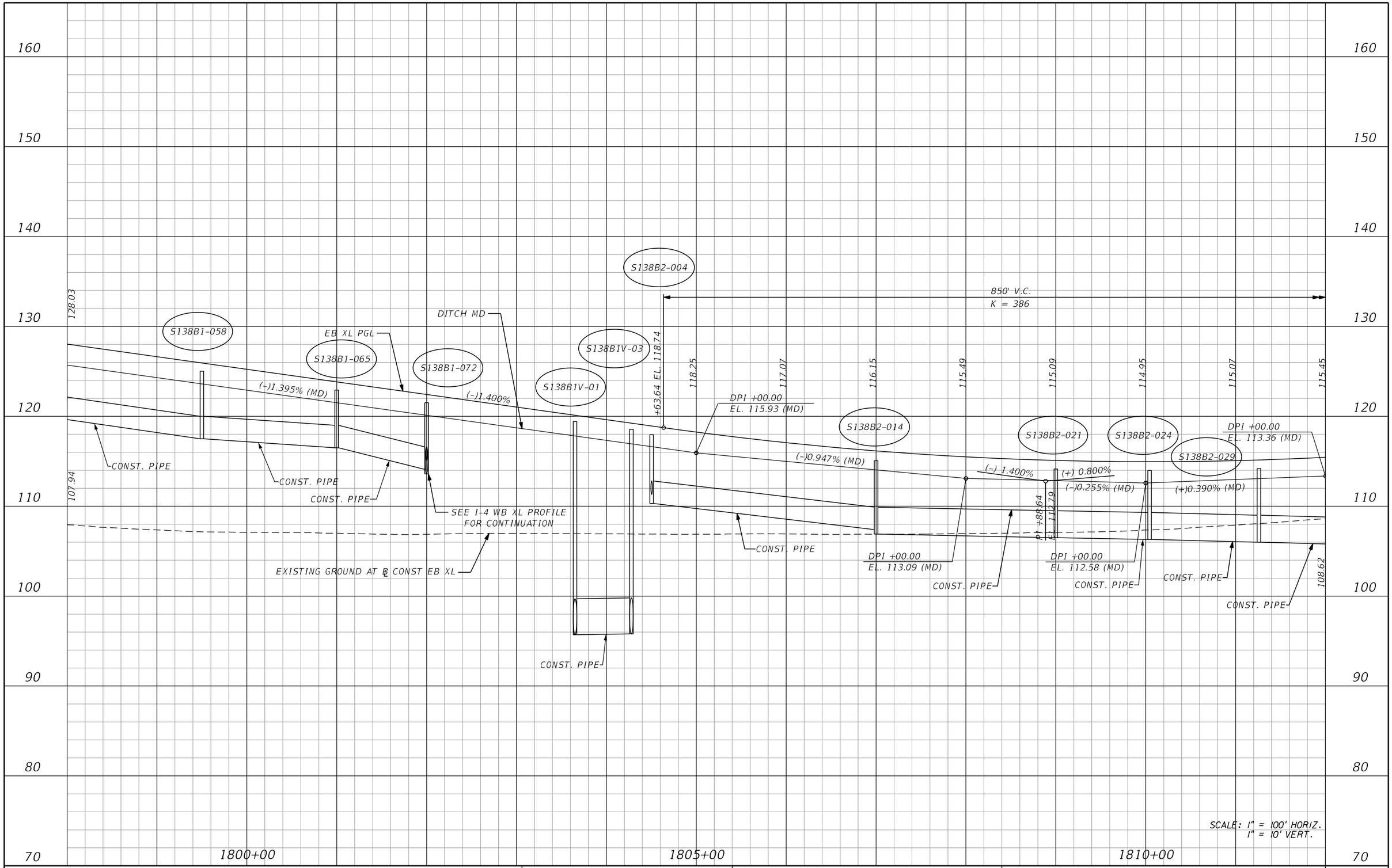

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB XL
PROFILE SHEET

SHEET NO. 145

glen.dvorovy 2/24/2021 8:26:10 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_XEB14_012.dgn

160
150
140
130
120
110
100
90
80
70

850' V.C.
K = 386

116.08
+13.64 EL. 116.19

EXISTING GROUND AT ℄ CONST EB XL

EB XL PGL

DITCH MD

S138B2-032
S138B2-035
S138B2-039
S138B2-043
S138B2-046
S138B2-050
S138B2-054
S138B2-059

(+)0.787% (MD)
(+)0.800%
(+)0.612% (MD)

DPI +00.00
EL. 121.23 MD

118.10

108.62

CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE

DPI +00.00
EL. 113.36 (MD)

+00.00 EL. 122.48

123.24
123.93
124.55
125.10
125.58

1,800' V.C.
K = 1385

1815+00
1820+00
1825+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB XL
PROFILE SHEET

SHEET NO. 146

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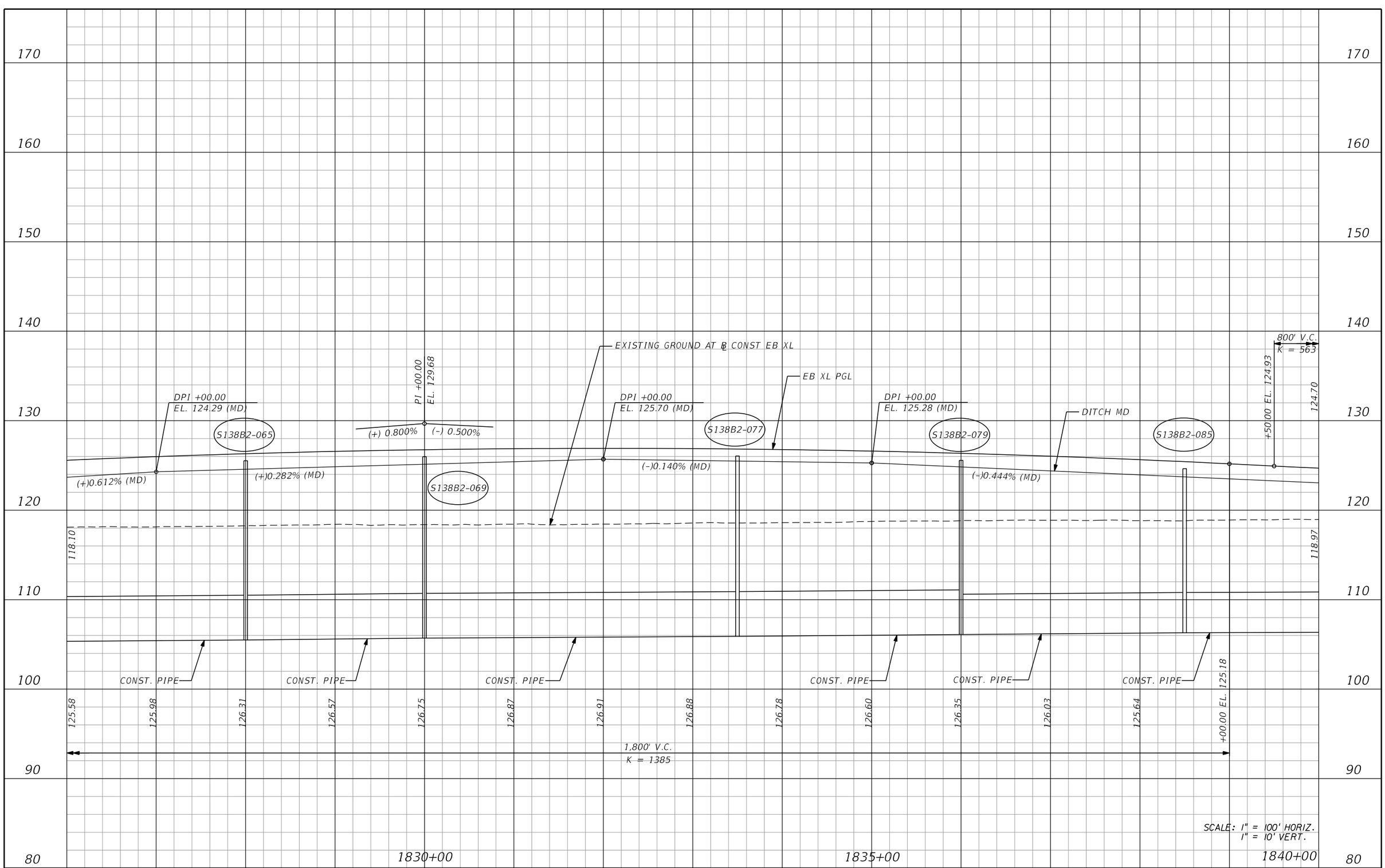

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB XL
PROFILE SHEET

SHEET NO. 147

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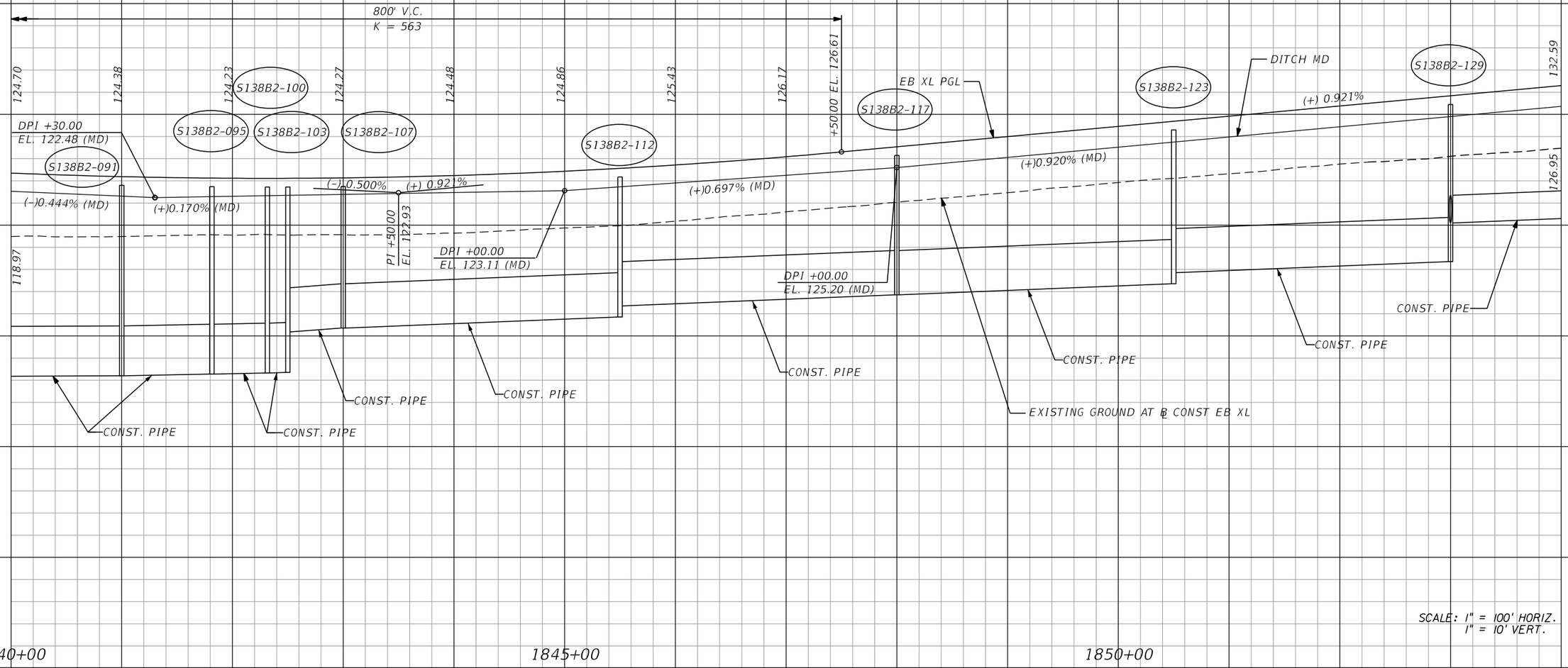

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB XL
PROFILE SHEET

SHEET NO. 148

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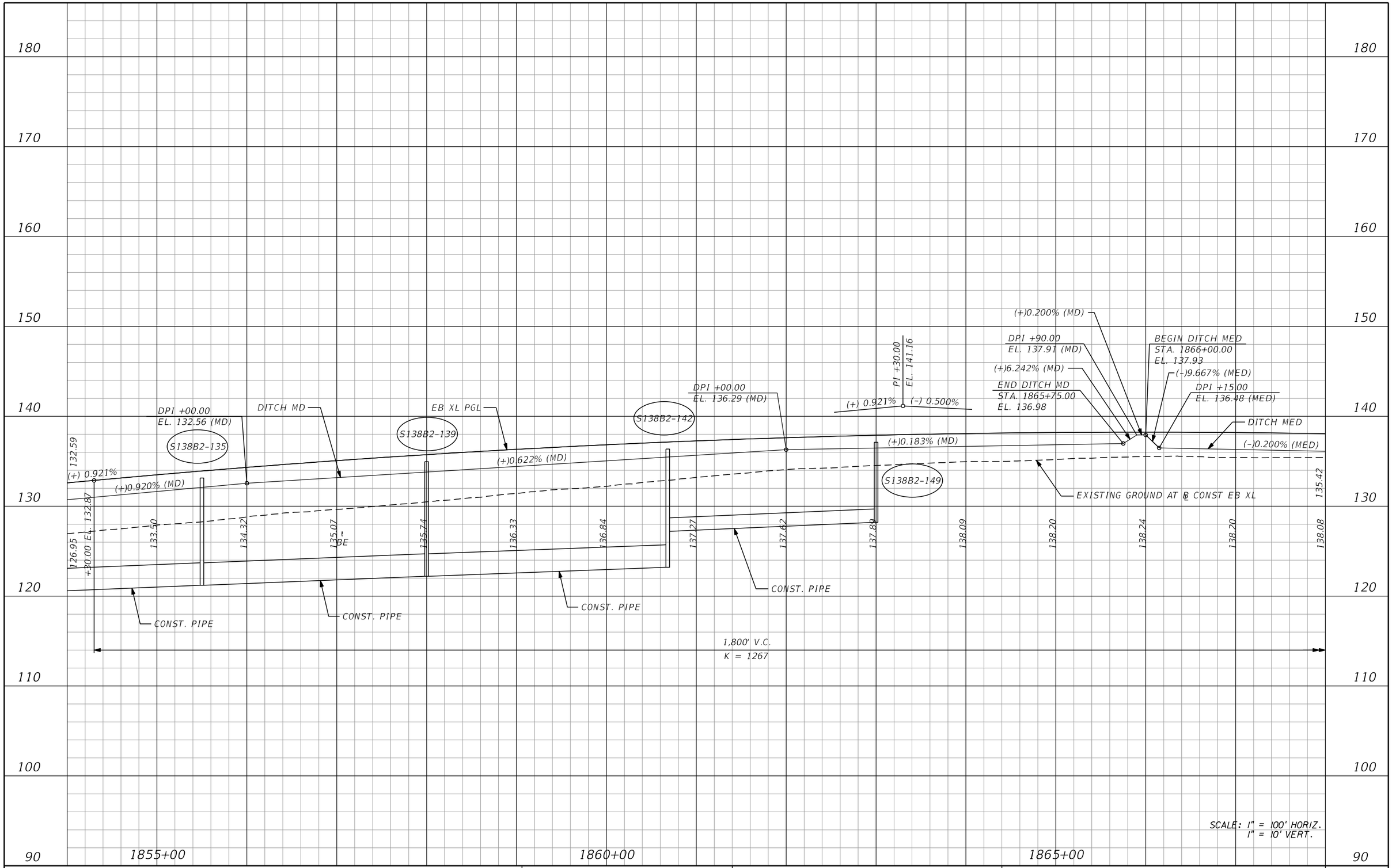

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB XL
PROFILE SHEET

SHEET NO. 149

PRELIMINARY: NOT FOR CONSTRUCTION

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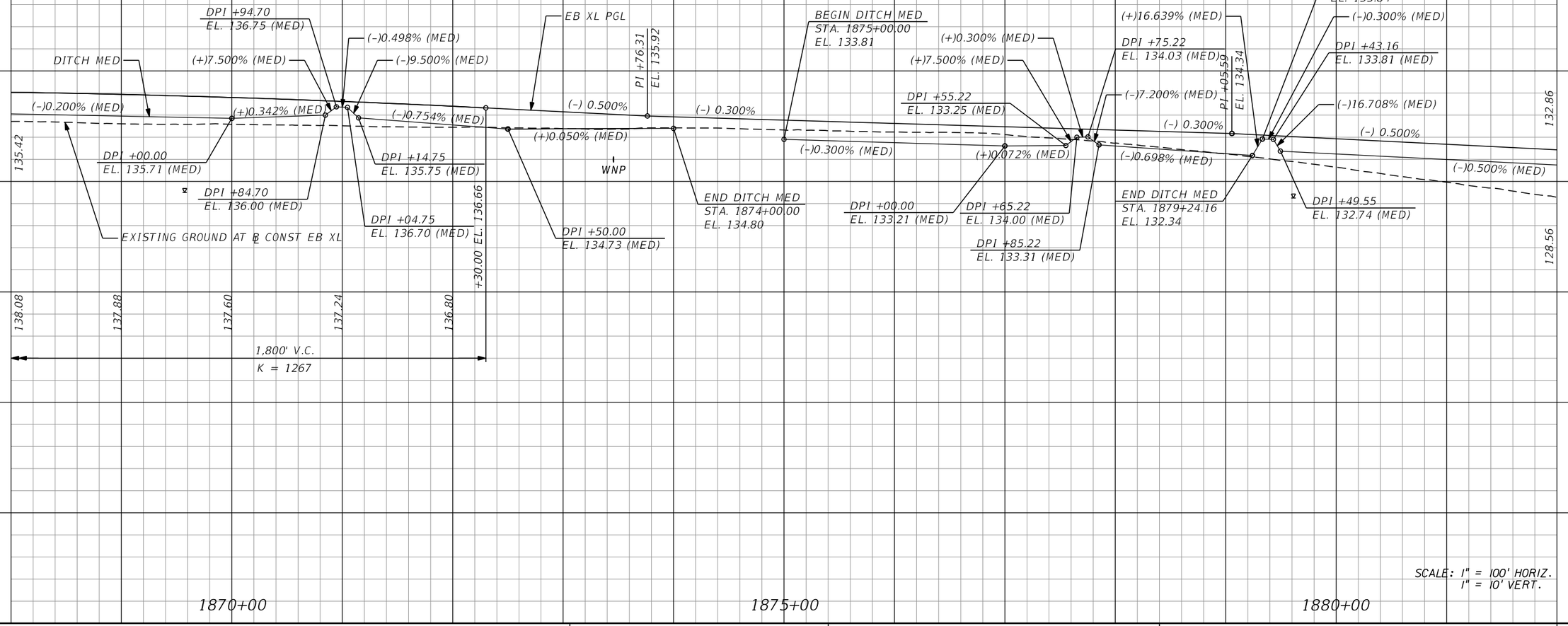

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB XL
PROFILE SHEET

SHEET NO. 150

PRELIMINARY: NOT FOR CONSTRUCTION

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180
170
160
150
140
130
120
110
100
90

132.86
128.56
125.86
110.94

EB XL PGL
(-) 0.500%
(-)0.500% (MED)
DITCH MED
EXISTING GROUND AT ℄ CONST EB XL

1885+00
1890+00
1895+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB XL
PROFILE SHEET

SHEET NO.
151

glen.dvorovy 2/24/2021 8:26:28 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_XEB14_018.dgn

180 170 160 150 140 130 120 110 100 90

125.86

EB XL PGL

DITCH MED

(-) 0.500%

(-)0.500% (MED)

SPND141-486

SPND141-499

118.86

CONST. PIPE

110.94

EXISTING GROUND AT ℄ CONST EB XL

111.07

1900+00

1905+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB XL
PROFILE SHEET

SHEET NO. 152

PRELIMINARY: NOT FOR CONSTRUCTION

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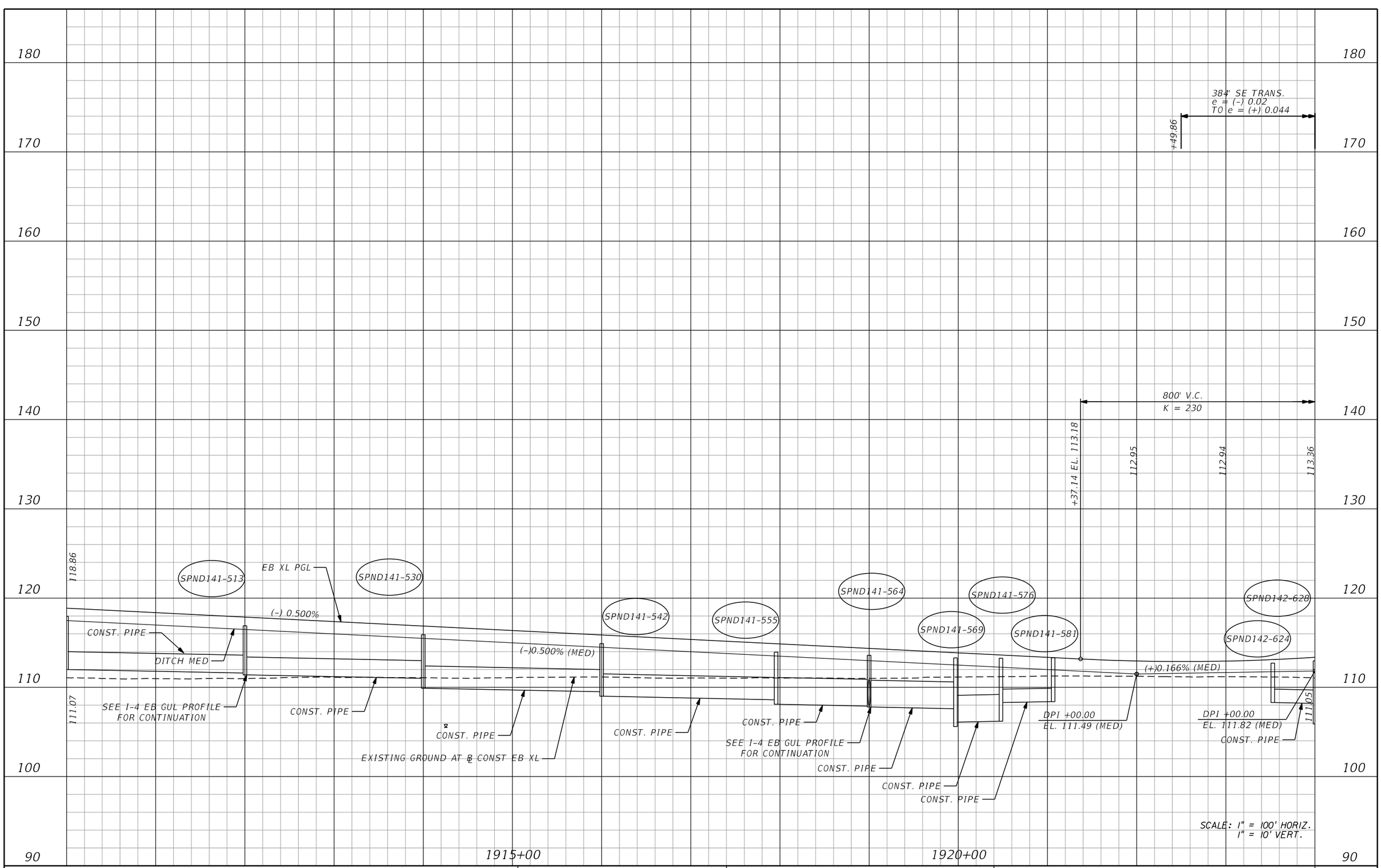

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB XL
PROFILE SHEET

SHEET NO. 153

PRELIMINARY: NOT FOR CONSTRUCTION

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180
170
160
150
140
130
120
110
100
90

384' SE TRANS.
e = (-) 0.02
TO e = (+) 0.044

+33.86

FULL SUPER
e = (+) 0.044

END PROJECT 242484-8-52-01
BEGIN PROJECT 242484-7-32-01
STATION EQUATION
STA. 1936+00.00 (BK) = STA. 6068+68.33 (AH)
EL. 140.59

800' V.C.
K = 230

113.36
114.22
115.51
117.24
119.40
121.99
+37.14 EL. 123.06

SPND142-695
END DITCH MED
STA. 1936+00.00
EL. 138.70

SPND142-690
SPND142-674
DPI +00.00
EL. 128.90 (MED)
(+)2.450% (MED)

DITCH MED
(+)3.107% (MED)

SPND142-663
DPI +00.00
EL. 119.58 (MED)
(+) 2.971%

CONST. PIPE
CONST. PIPE
12320

EB XL PGL
SPND142-650

DPI +00.00
EL. 113.50 (MED)
SPND142-639
(+)2.027% (MED)
(+)0.840% (MED)
(-) 0.500%
(+) 2.971%

CONST. PIPE
CONST. PIPE

111.05
DPI +00.00
EL. 111.82 (MED)
PI +37.14
EL. 111.18
CONST. PIPE

EXISTING GROUND AT ℄ CONST EB XL

+11.98 EL. 128.26
130.80
133.52
136.06
138.42
140.59
142.59
144.40

1,800' V.C.
K = 550

1925+00
1930+00
1935+00

W
WNP

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB XL
PROFILE SHEET

SHEET NO.
154

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180
170
160
150
140
130
120
110
100
90

FULL SUPER
e = (+) 0.044

P1 +11.98
EL. 155.00

(+) 2.971%
(-) 0.303%

EB XL PGL

123.20

EXISTING GROUND AT ℄ CONST EB XL

144.40 146.02 147.47 148.74 149.82 150.72 151.44 151.98 152.33 152.51 152.50 152.31 +11.98 EL. 152.27

1,800' V.C.
K = 550

1940+00 1945+00 1950+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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SR 400	ORANGE	242484-8-52-01

I-4 EB XL
PROFILE SHEET

SHEET NO.
155

glen.dvorovy 2/24/2021 8:26:41 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_XEB14_022.dgn

150
140
130
120
110
100
90
80
70
60

3650+00
3655+00
3660+00

+12.00 EL. 96.05
95.71
95.56
95.65
96.00
96.59
97.44
98.53
99.88
+12.00 EL. 100.05

800' V.C.
K = 400

(-) 0.500%
(-) 0.500%
(+) 1.500%
(+) 1.500%

P1 +12.00
EL. 94.05

BEGIN PROJECT 242484-8-52-01
END PROJECT 431456-1-52-01
STA 3658+03.03
EL. 99.92

+22.00 EL. 100.20

EB GUL PGL

101.32
102.60
103.69
104.62
105.36

1,800' V.C.
K = 568

84.31

EXISTING GROUND AT ℄ CONST EB GUL

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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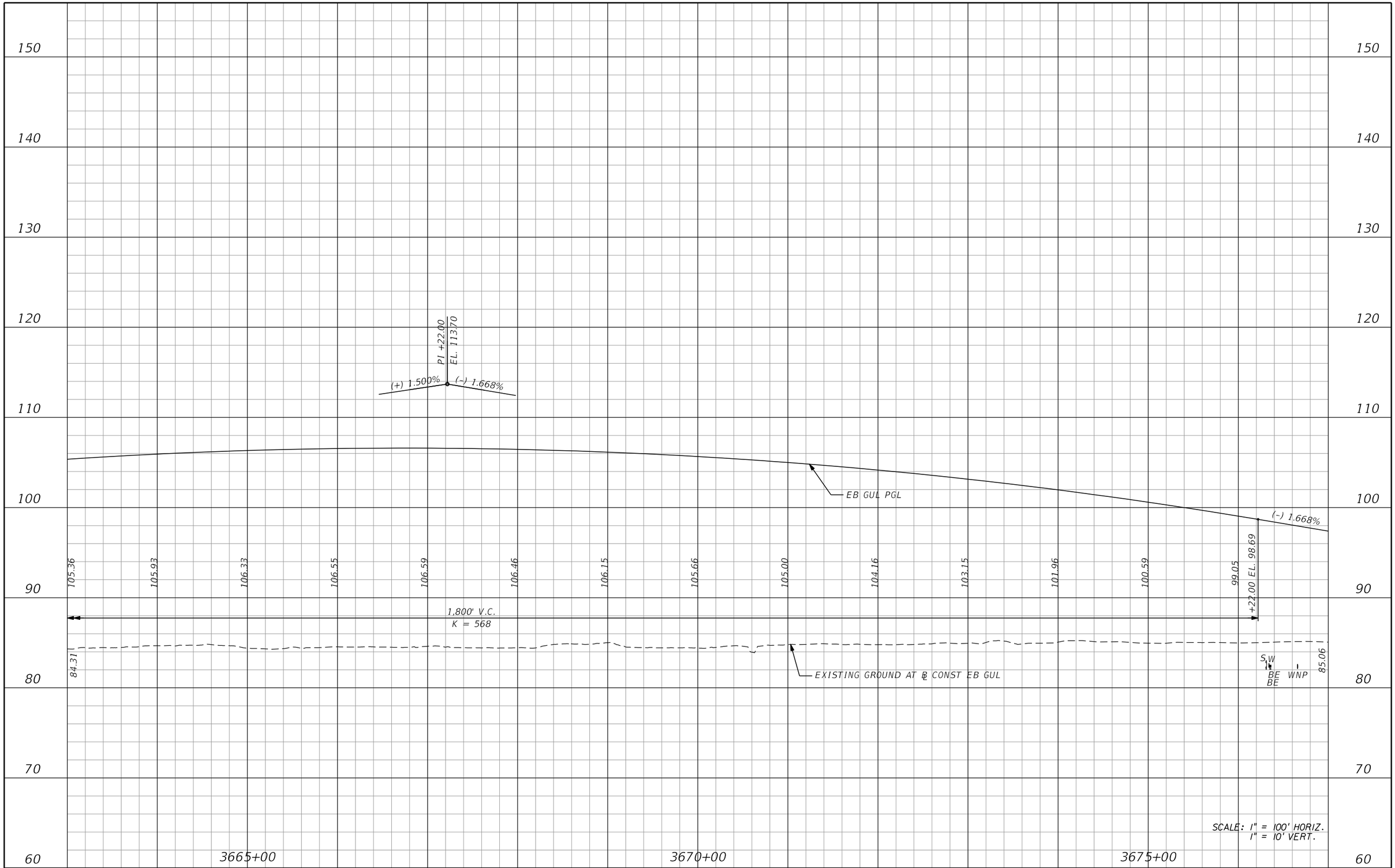
SR 400	ORANGE	242484-8-52-01

I-4 EB GUL
PROFILE SHEET

SHEET NO.
156

glen.dvorovy 2/24/2021 8:26:45 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PR0FRD_GEBI4_01.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

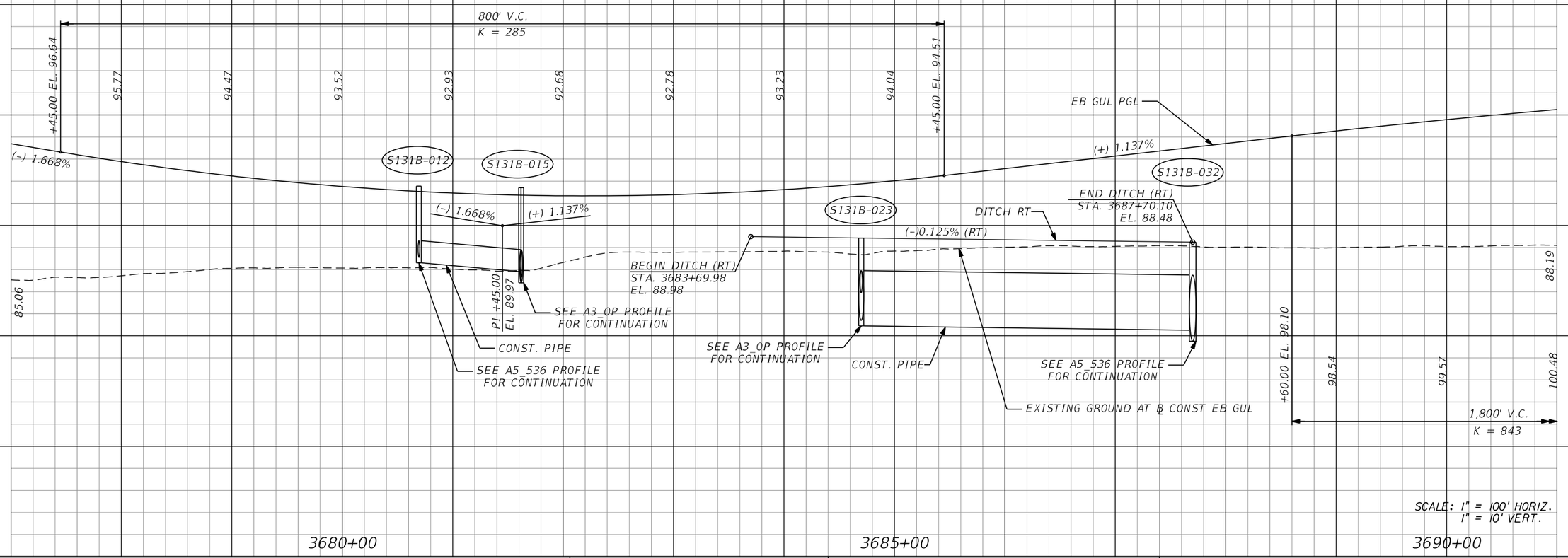
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB GUL PROFILE SHEET

SHEET NO. 157

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/24/2021 8:26:48 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_GEBI4_02.dgn



SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB GUL
PROFILE SHEET

SHEET NO. 158

PRELIMINARY: NOT FOR CONSTRUCTION

150 140 130 120 110 100 90 80 70 60

PI +60.00
EL. 108.33
(+) 1.137%
(–) 0.998%

EB GUL PGL

88.19

EXISTING GROUND AT ℄ CONST EB GUL

▽DHW (50YR) EL = 86.23
(3) 48" PIPES
EL. 82.84

89.87

100.48 101.28 101.95 102.51 102.94 103.26 103.46 103.54 103.51 103.35 103.08 102.68 102.17 101.54 100.79

1,800' V.C.
K = 843

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

3695+00 3700+00 3705+00

PRELIMINARY: NOT FOR CONSTRUCTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB GUL
PROFILE SHEET

SHEET NO. 159

150
140
130
120
110
100
90
80
70
60

1,077' V.C.
K = 273

+46.41 EL. 98.49

98.00

97.38

97.13

97.24

97.72

98.57

99.78

101.35

103.29

105.60

108.27

+23.59 EL. 108.96

111.20

(+) 2.942%

EB GUL PGL

(-) 0.998%

S133A-047

S133A-054

S133A-059

(-) 0.998%

(+) 2.942%

PI +85.00
EL. 93.11

CONST. PIPE

CONST. PIPE

EXISTING GROUND AT ℄ CONST EB GUL

℄ BE

91.53

89.87

100.79

99.93

+60.00 EL. 99.35

1,800' V.C.
K = 843

3705+00

3710+00

3715+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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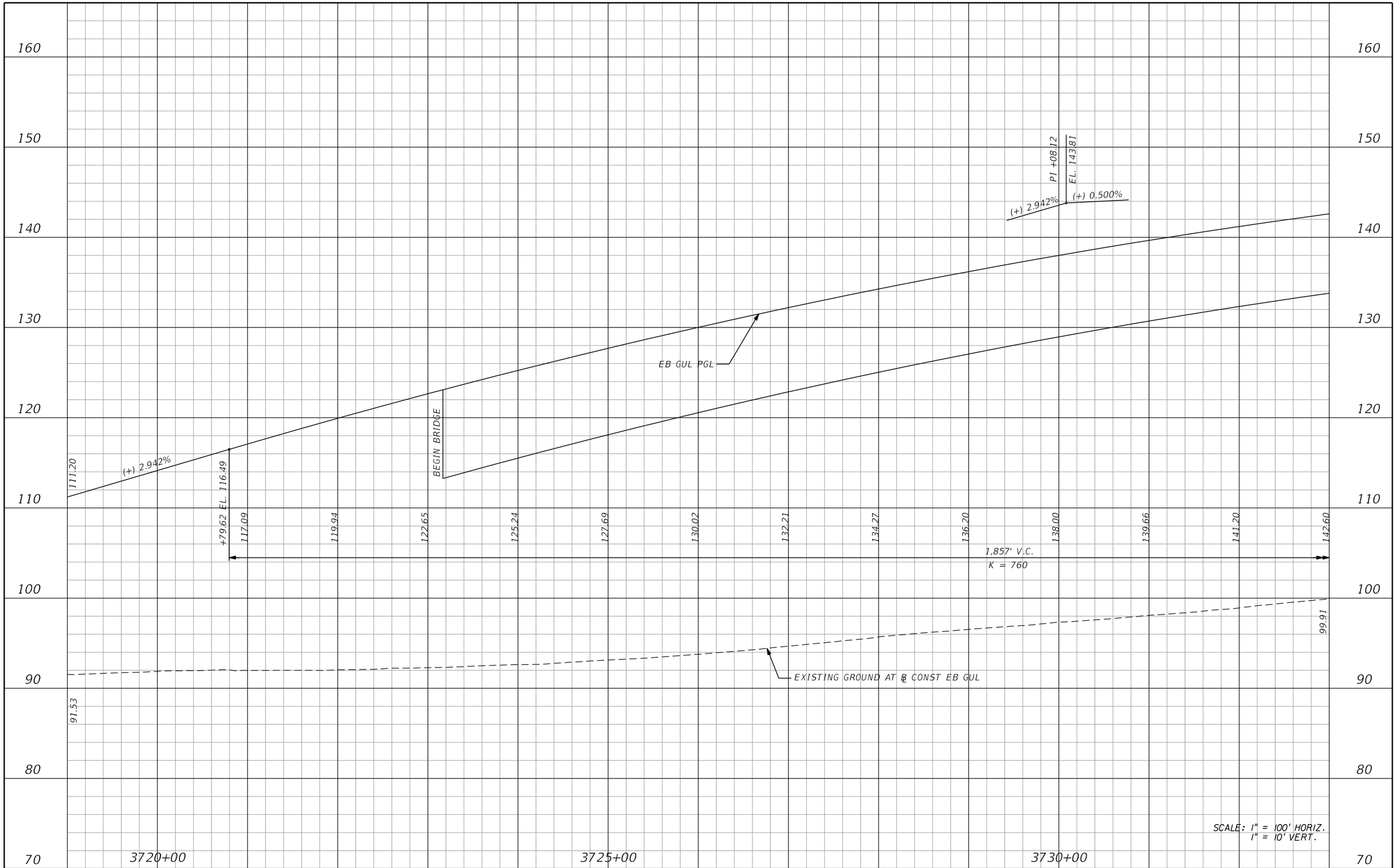
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB GUL
PROFILE SHEET

SHEET NO.
160



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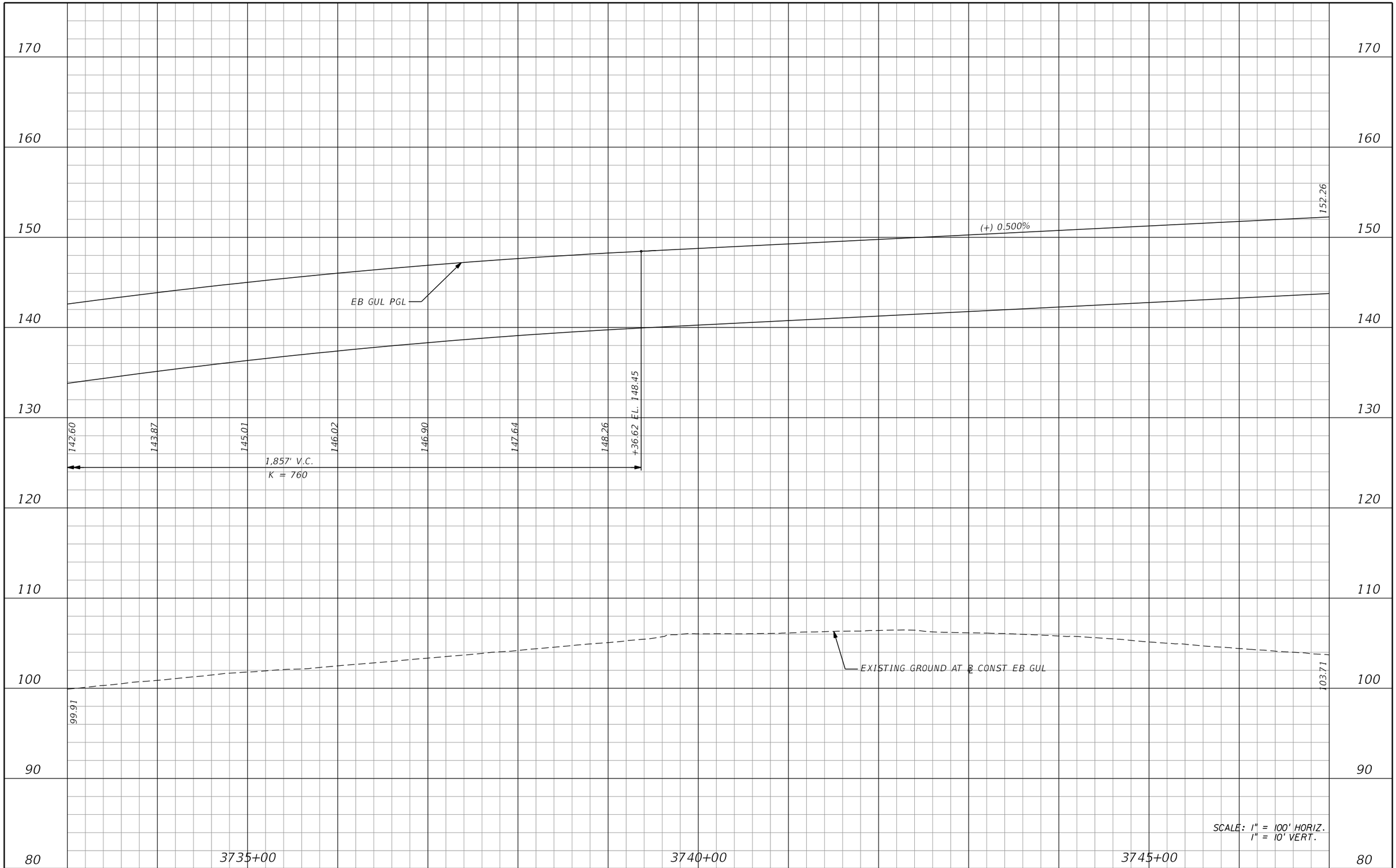
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB GUL PROFILE SHEET

SHEET NO. 161

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB GUL
PROFILE SHEET

SHEET NO. 162

PRELIMINARY: NOT FOR CONSTRUCTION

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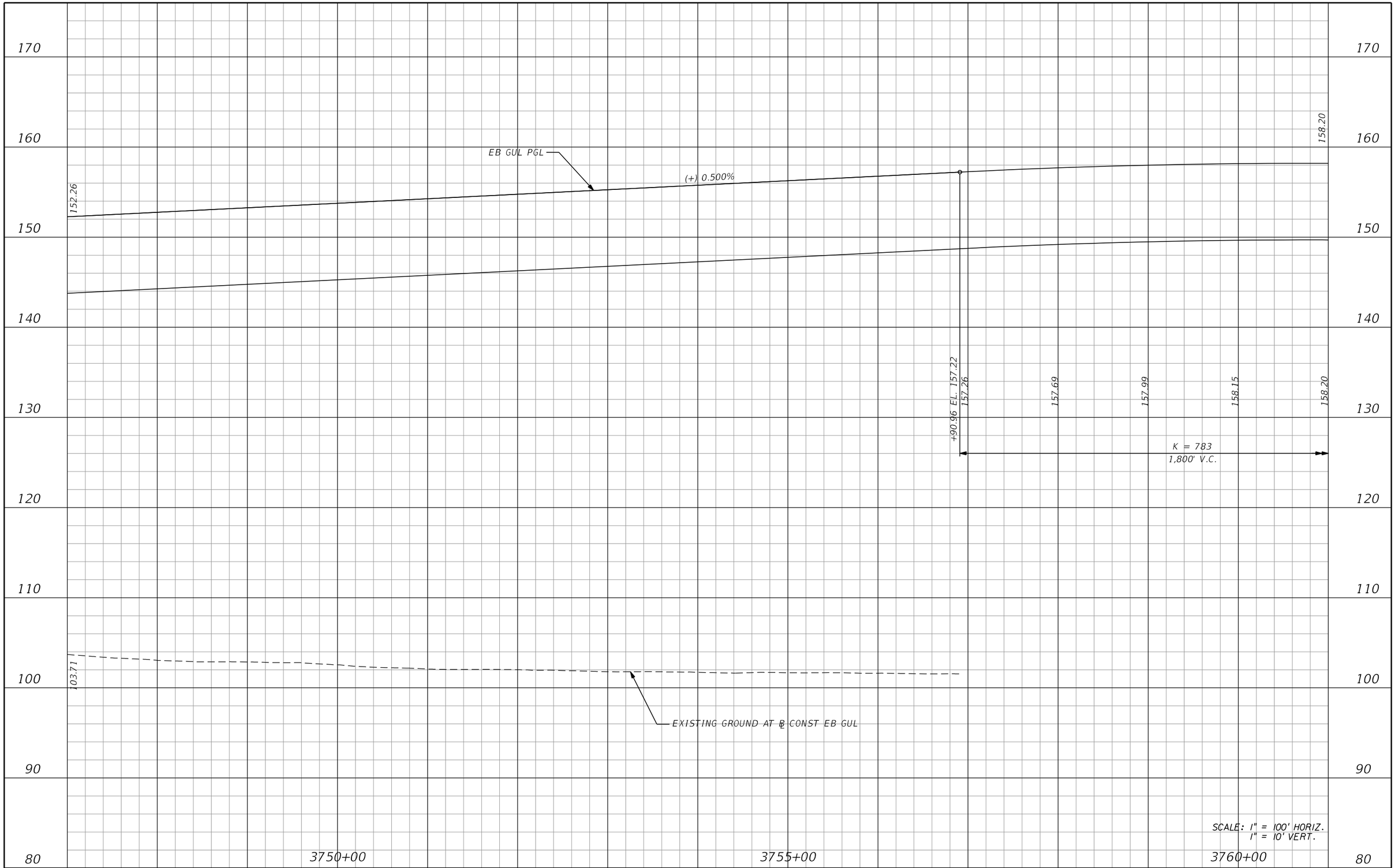

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB GUL PROFILE SHEET

SHEET NO. 163

PRELIMINARY: NOT FOR CONSTRUCTION

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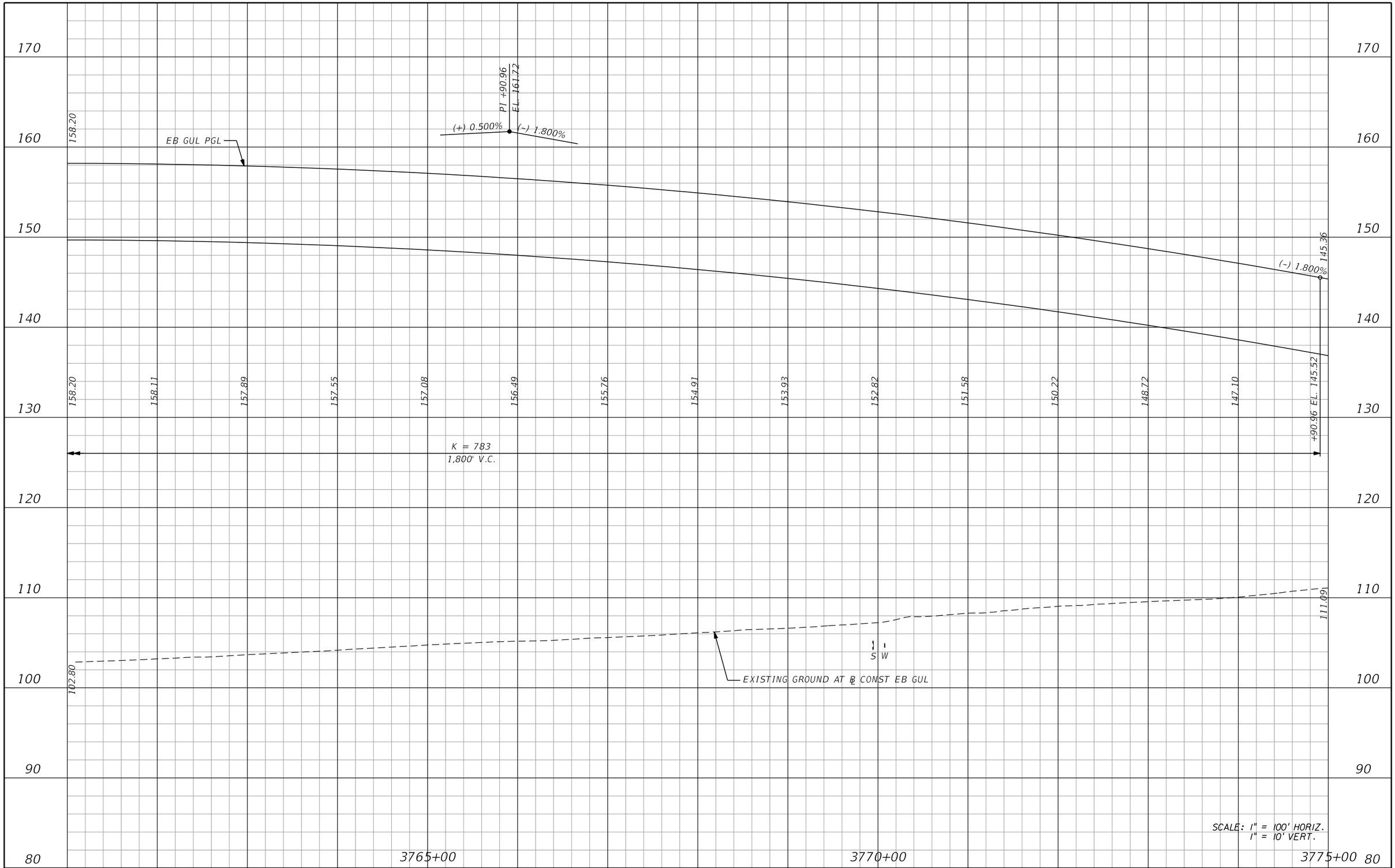

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB GUL
PROFILE SHEET

SHEET NO. 164

PRELIMINARY: NOT FOR CONSTRUCTION

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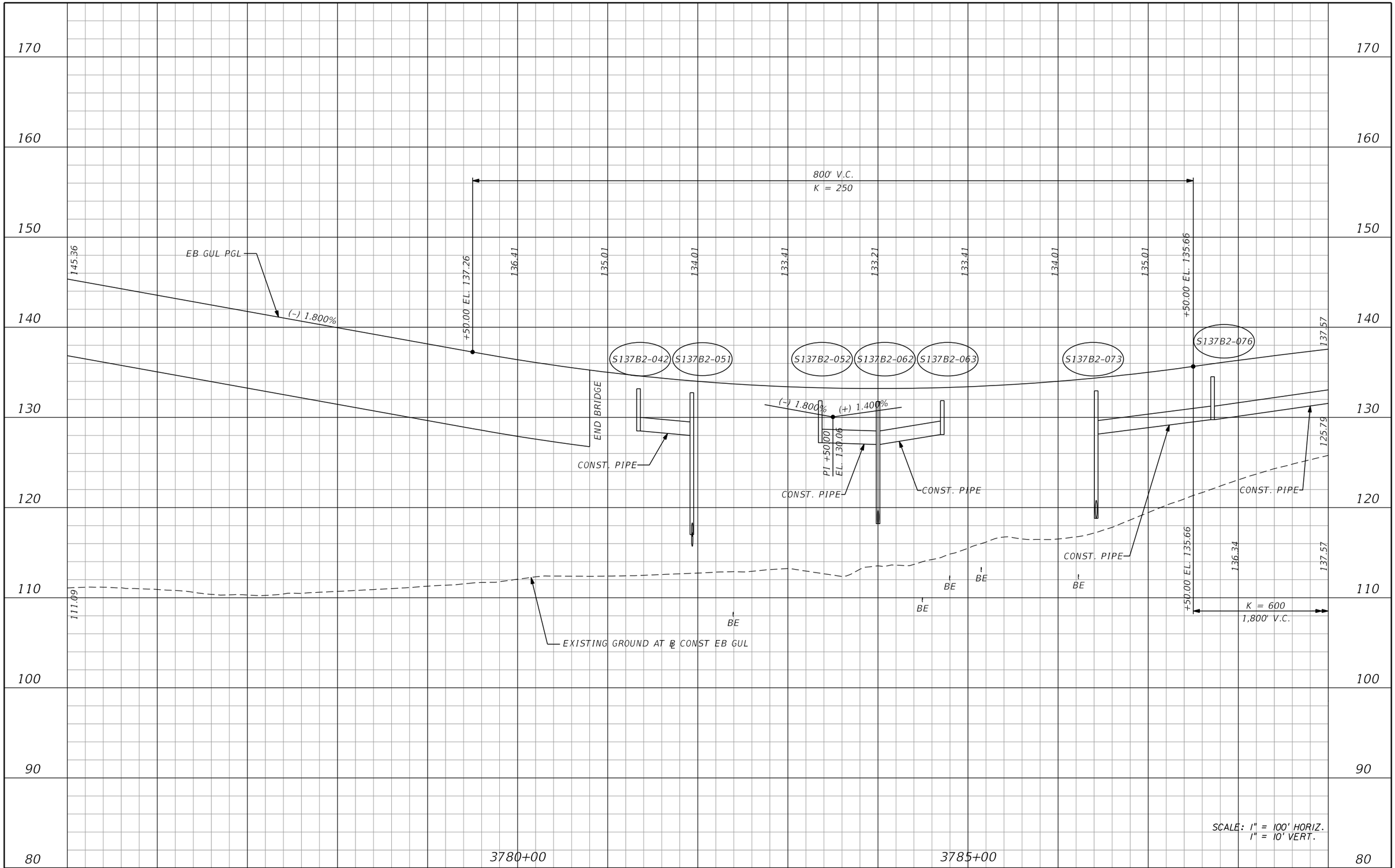

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB GUL PROFILE SHEET

SHEET NO. 165

PRELIMINARY: NOT FOR CONSTRUCTION

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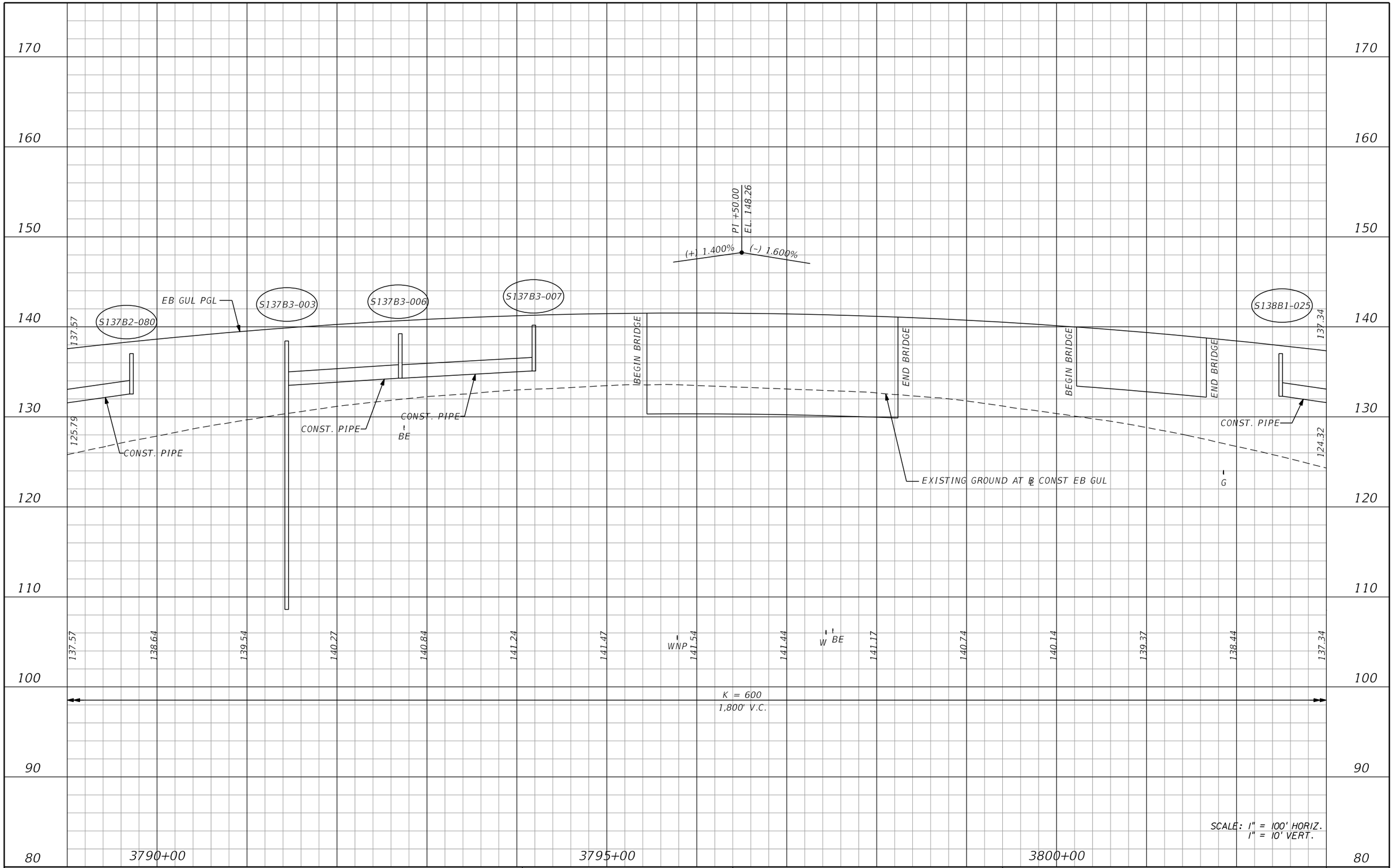

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB GUL PROFILE SHEET

SHEET NO. 166

PRELIMINARY: NOT FOR CONSTRUCTION

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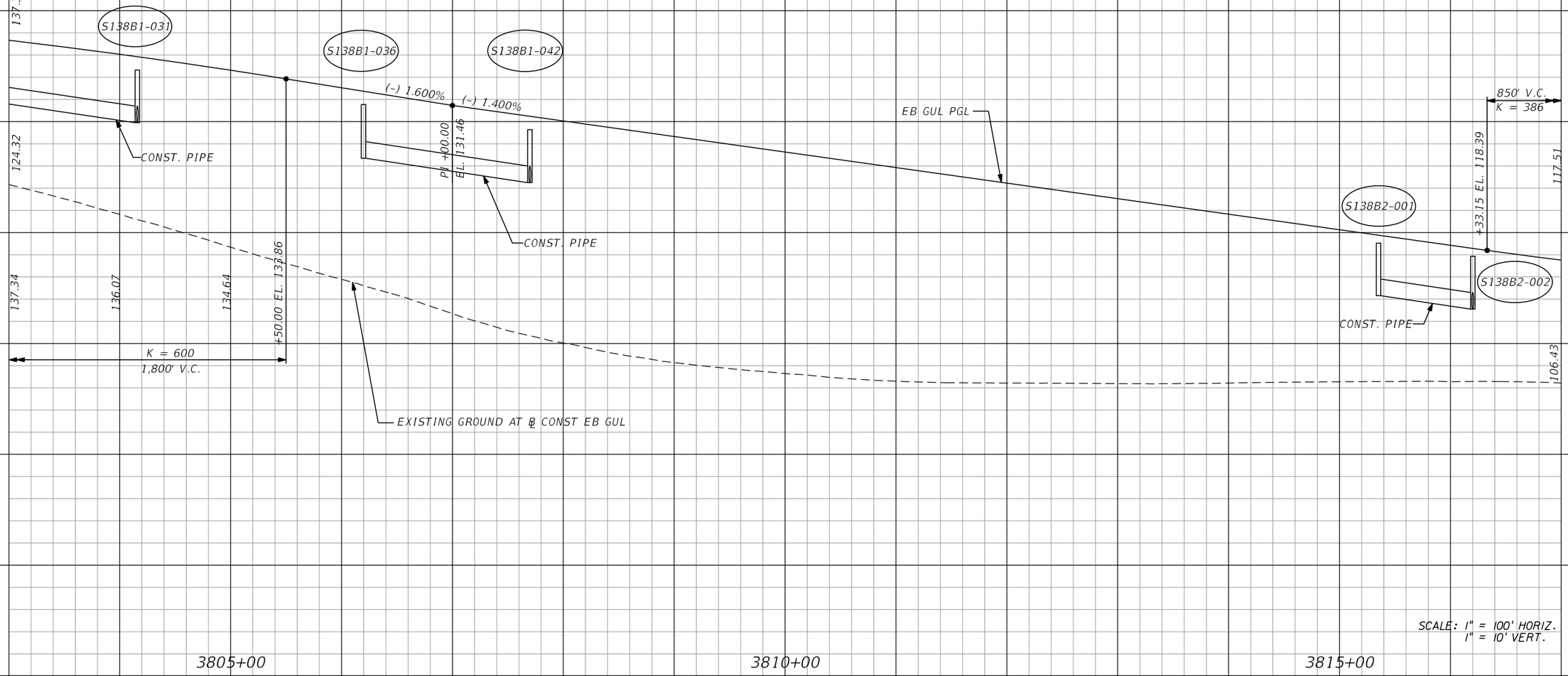

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB GUL
PROFILE SHEET

SHEET NO. 167

PRELIMINARY: NOT FOR CONSTRUCTION

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170
160
150
140
130
120
110
100
90
80

850' V.C.
K = 386

117.51 116.42 115.58 115.00 114.68 114.62 114.81 115.27 115.84

+82.76 EL.

STATION EQUATION
STA 3819+04.75 (BK) = STA 3819+04.36 (AH)

S138B2-008 S138B2-012 S138B2-020 S138B2-023 S138B2-028 S138B2-031 S138B2-034 S138B2-038 S138B2-042

(-) 1.400% (+) 0.800% (+) 0.800%

106.43

PI +57.76
EL. 112.44

120.78

114.69

EB GUL PGL

BE

CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE

SEE I-4 WB XL PROFILE FOR CONTINUATION

EXISTING GROUND AT ℄ CONST EB GUL

3820+00 3825+00 3830+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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Certificate of Authorization No. 8115
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB GUL PROFILE SHEET

SHEET NO. 168

glen.dvorovy 2/24/2021 8:27:27 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_GEBI4_013.dgn

170
160
150
140
130
120
110
100
90
80

EB GUL PGL
S138B2-045
S138B2-049
S138B2-053
S138B2-058
S138B2-064
S138B2-068
120.78
114.69
CONST. PIPE
+69.86 EL. 122.14
EXISTING GROUND AT ℄ CONST EB GUL
CONST. PIPE
122.38
123.12
123.79
124.39
124.91
125.37
125.75
126.06
126.29
126.46
126.55
126.57
126.52
PT +69.86
EL. 129.34
(+) 0.800%
(-) 0.500%
BEGIN DITCH RT
STA. 3839+69.87
EL. 117.39
(-)0.060% (RT)
DITCH RT
CONST. PIPE
BEGIN DITCH RT
STA. 3844+69.87
EL. 115.79
END DITCH RT
STA. 3842+69.87
EL. 117.21
117.74
(+)0.056% (RT)
K = 1385
1,800' V.C.
SCALE: 1" = 100' HORIZ.
1" = 10' VERT.
3835+00
3840+00
3845+00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
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Orlando, FL. 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB GUL
PROFILE SHEET

SHEET NO. 169

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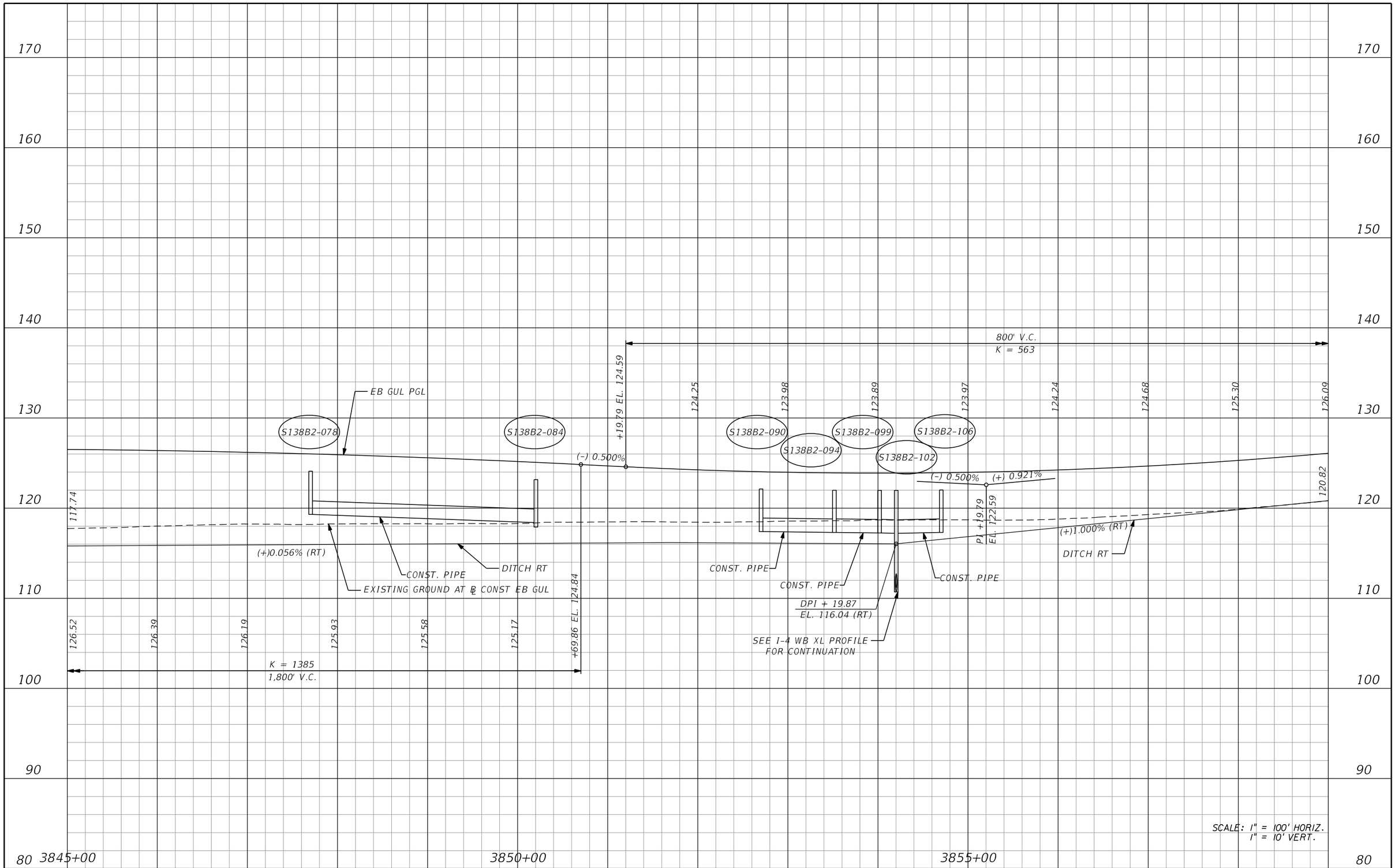
PRELIMINARY: NOT FOR CONSTRUCTION



PRELIMINARY: NOT FOR CONSTRUCTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB GUL PROFILE SHEET

SHEET NO. 170

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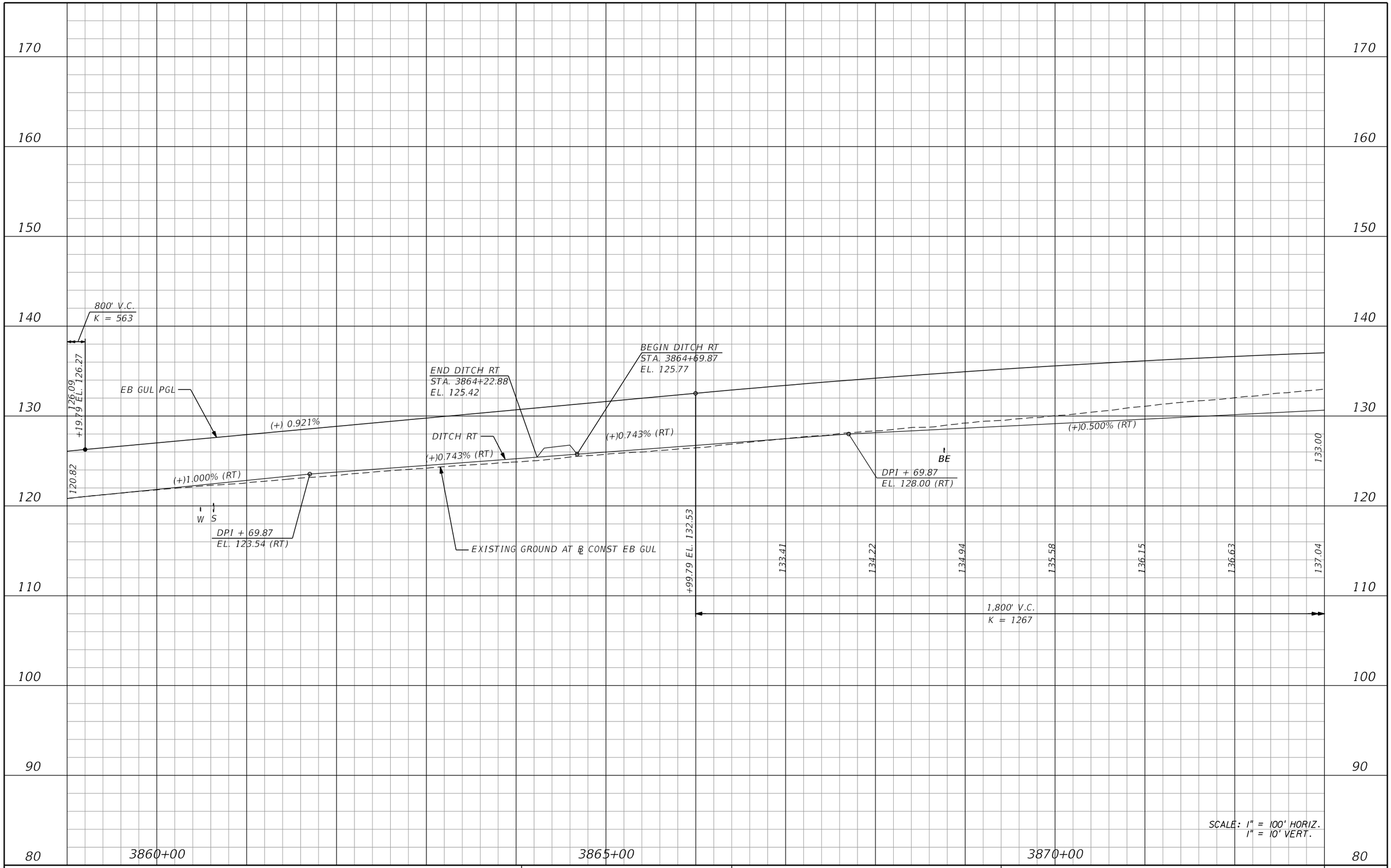

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB GUL
PROFILE SHEET

SHEET NO. 171

PRELIMINARY: NOT FOR CONSTRUCTION

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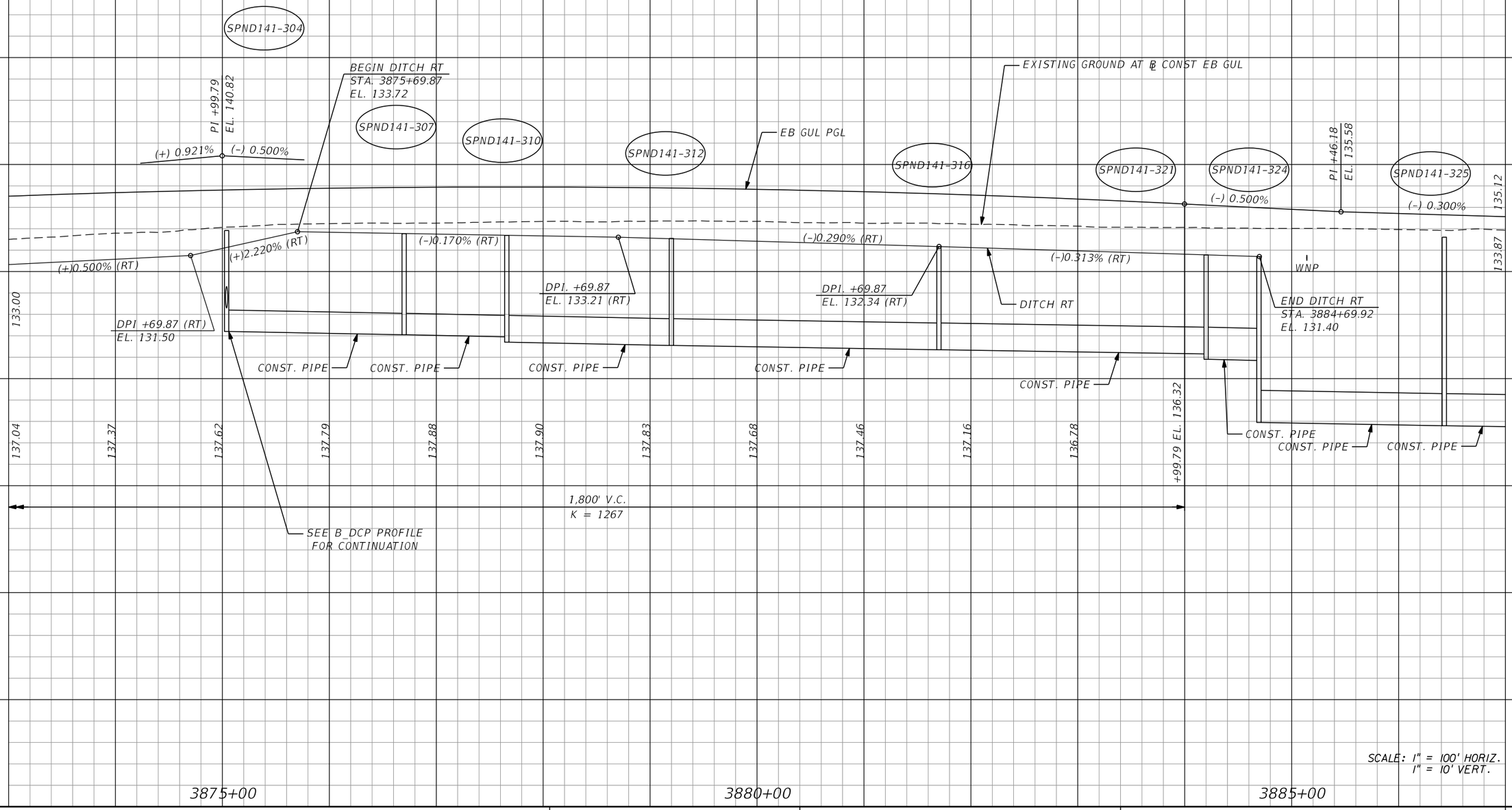

REVISIONS			
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T 407,843,6552 F 407,839,1789
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

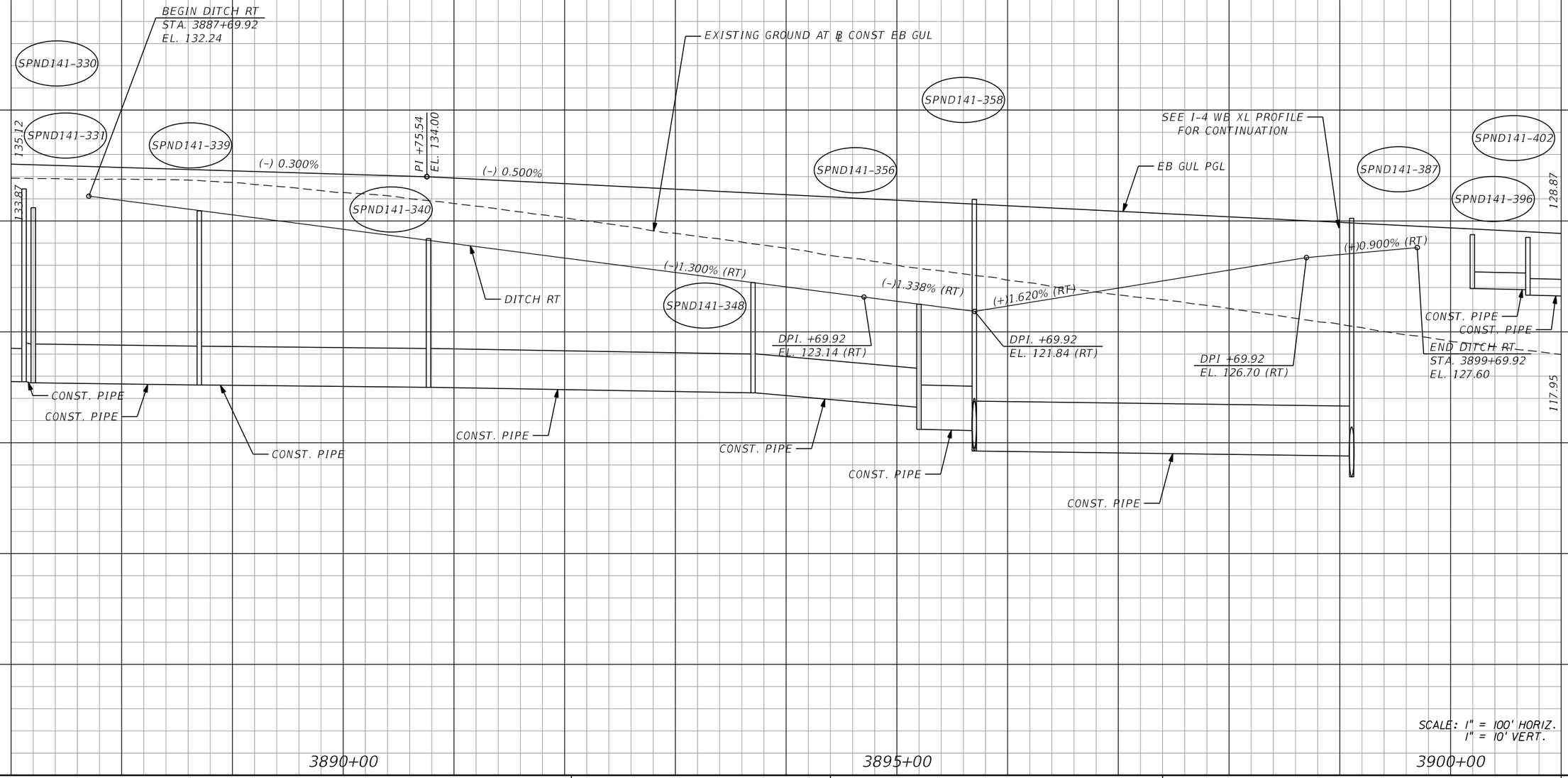
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB GUL
PROFILE SHEET

SHEET NO. 172

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/24/2021 8:27:41 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_GEBI4_017.dgn



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SR 400	ORANGE	242484-8-52-01

I-4 EB GUL
PROFILE SHEET

SHEET NO. 173

PRELIMINARY: NOT FOR CONSTRUCTION

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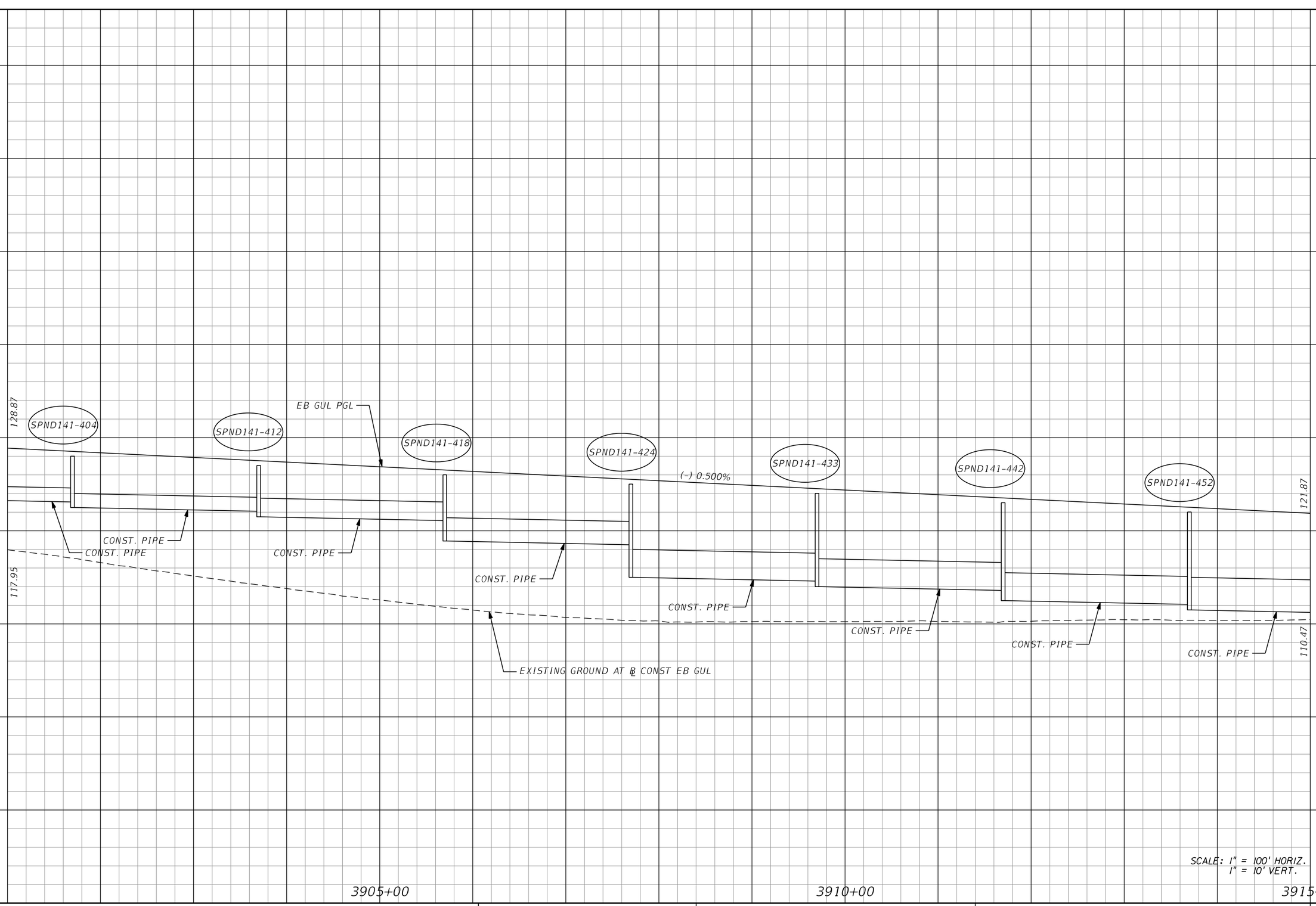

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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SR 400	ORANGE	242484-8-52-01

I-4 EB GUL
PROFILE SHEET

SHEET NO. 174

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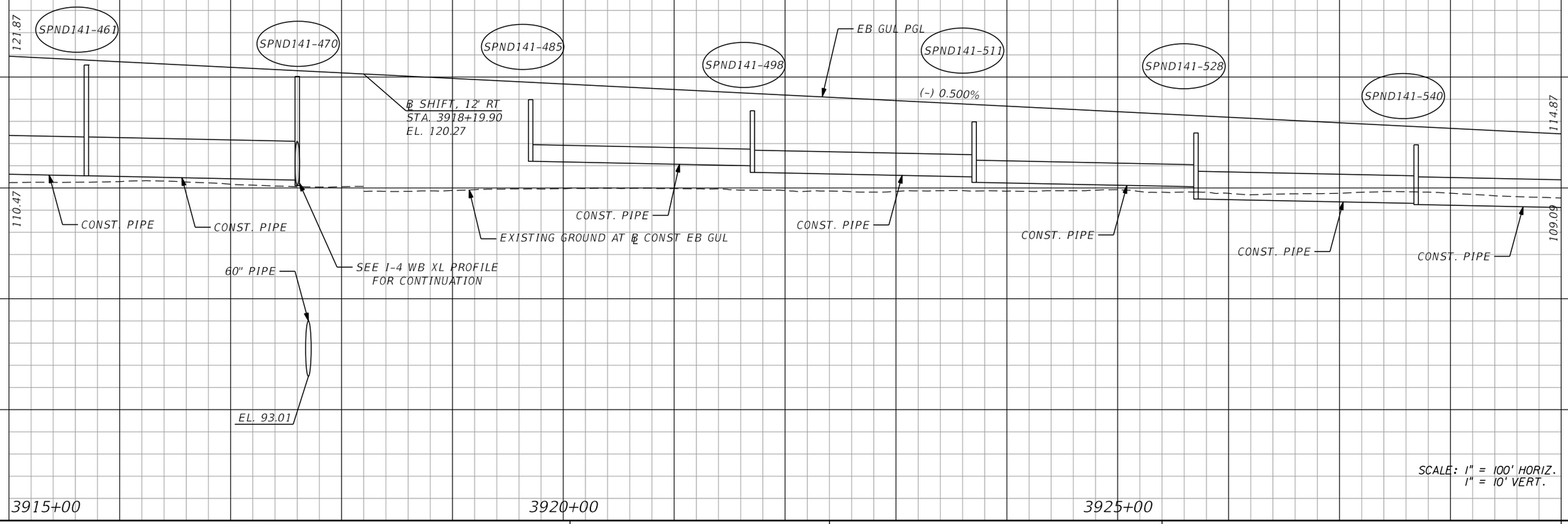

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I-4 EB GUL PROFILE SHEET

SHEET NO. 175

PRELIMINARY: NOT FOR CONSTRUCTION

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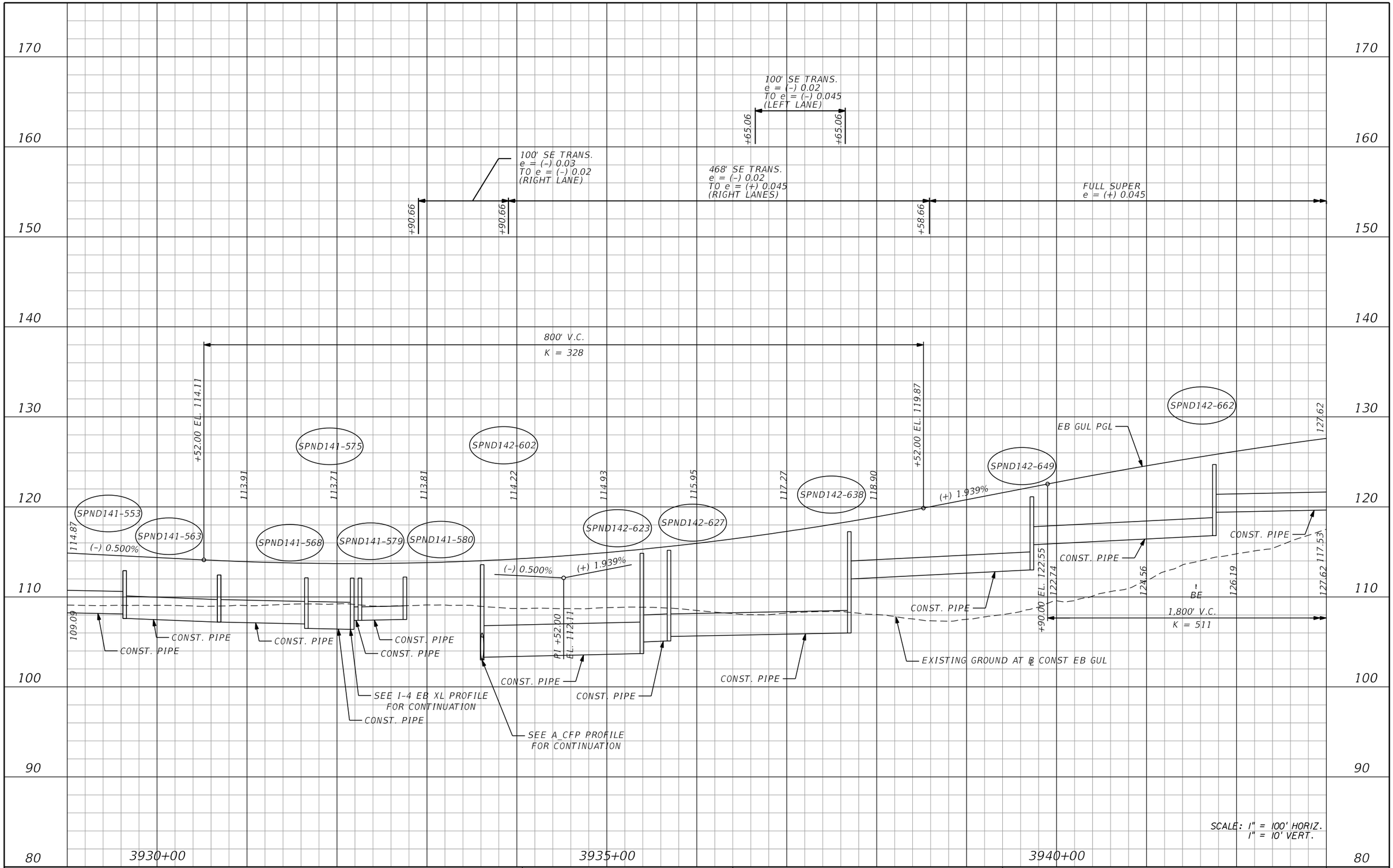

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB GUL PROFILE SHEET

SHEET NO. 176

170
160
150
140
130
120
110
100
90
80

FULL SUPER
e = (+) 0.045

END PROJECT 242484-8-52-01
BEGIN PROJECT 242484-7-32-01
STATION EQUATION
STA. 3947+84.00 (BK) = STA. 7068+82.51 (AH)
EL. 131.78

PI +90.00
EL 140.00
(+) 1.939%
(-) 1.583%

EB GUL PGL

SPND142-673
SPND142-689
SPND142-694

127.62
117.53
128.85
129.89
130.74
131.38
131.83
132.09
132.15
132.02
131.69
131.16
130.44
129.52
128.40
127.10
116.98

CONST. PIPE
CONST. PIPE
CONST. PIPE
EXISTING GROUND AT ℄ CONST EB GUL

1,800' V.C.
K = 511

WNP
W

3945+00
3950+00
3955+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 EB GUL
PROFILE SHEET

SHEET NO.
177

glen.dvorovy 2/24/2021 8:27:57 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_GEBI4_022.dgn

140
130
120
110
100
90
80
70
60
50

800' V.C.
K = 727

94.47
94.11
93.88
93.79
93.84
94.02
94.35
94.81

+15.00 EL. 94.89

BEGIN PROJECT 242484-8-52-01
END PROJECT 431456-1-52-01
STA. 2658+48.03
EL. 94.16

+15.00 EL. 94.89

WB XL PGL

(-) 0.550%
(+) 0.550%

PI +15.00
EL. 92.69

EXISTING GROUND AT ℄ CONST WB XL

88.23

+15.00 EL. 94.89

95.34
95.81
96.22
96.57
96.87

1,800' V.C.
K = 1714

2655+00
2660+00
2665+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO. 178

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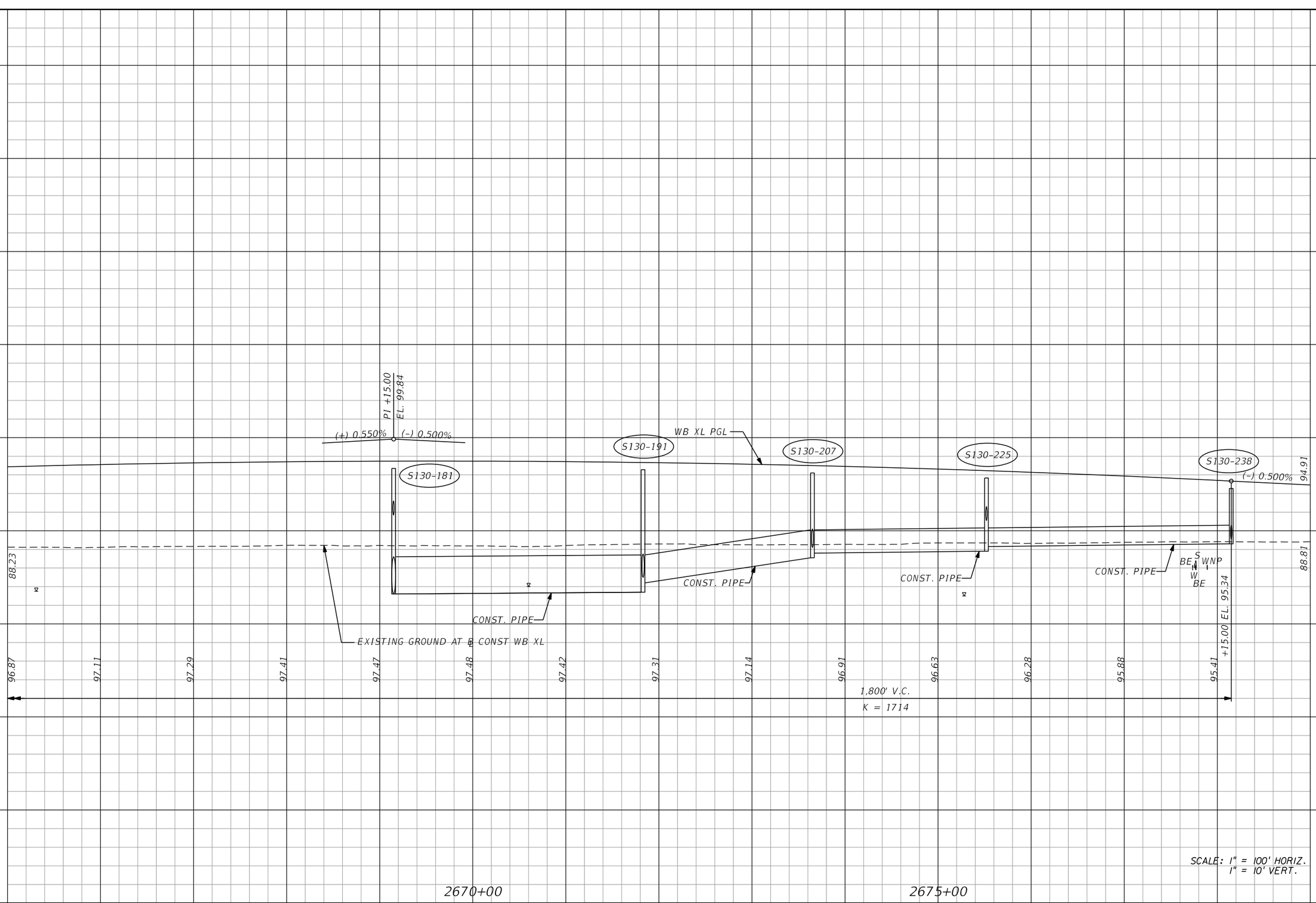

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO. 179

PRELIMINARY: NOT FOR CONSTRUCTION

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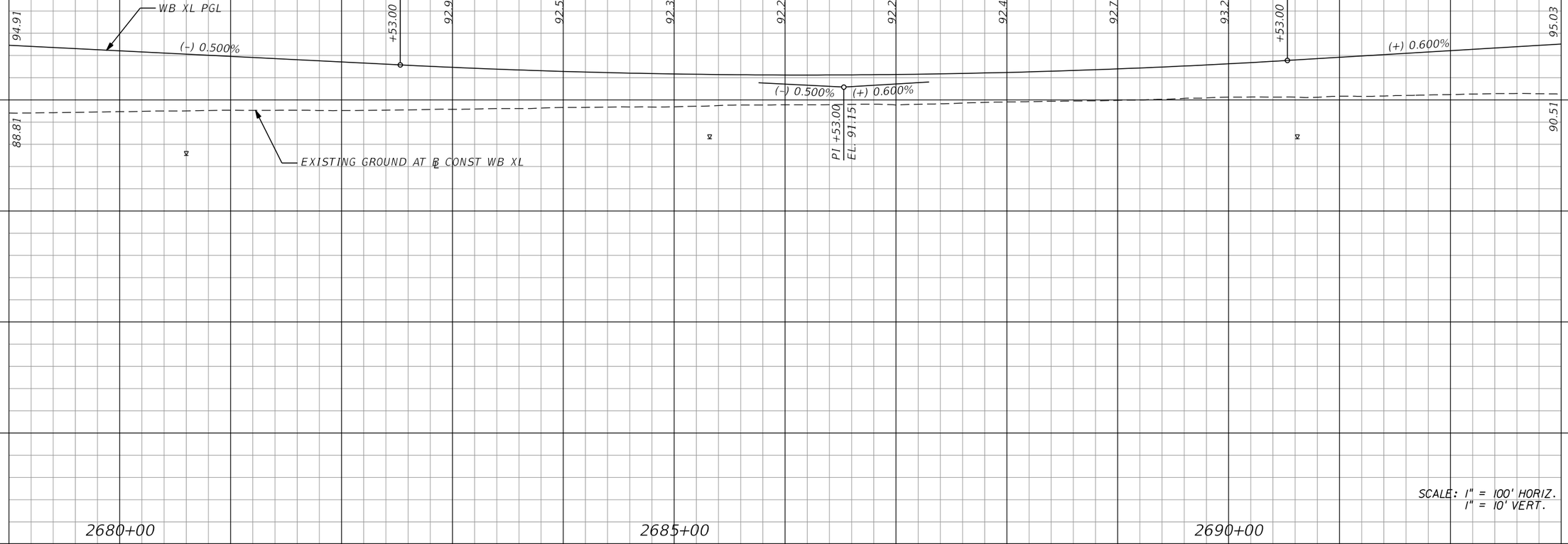

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO. 180

PRELIMINARY: NOT FOR CONSTRUCTION

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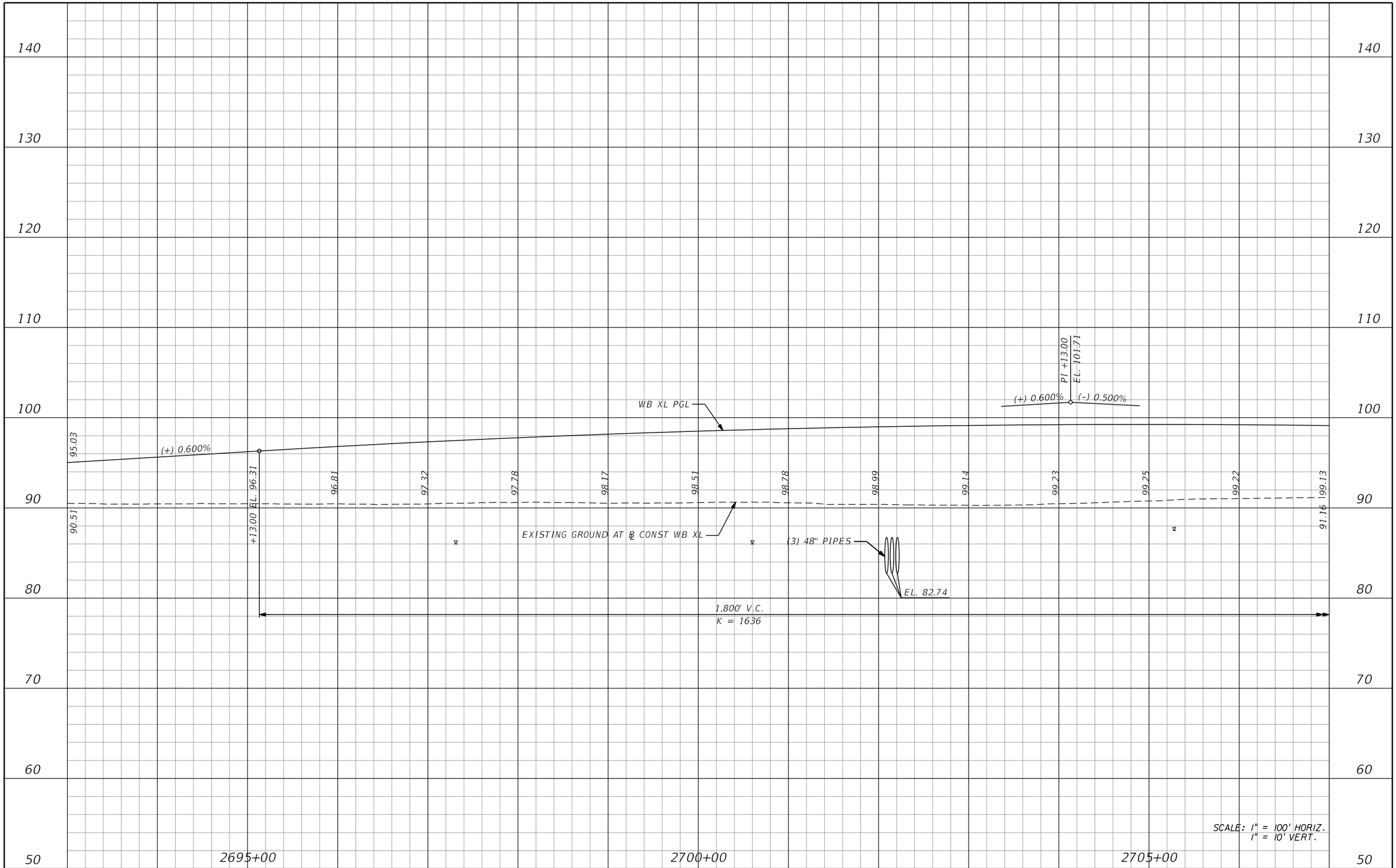

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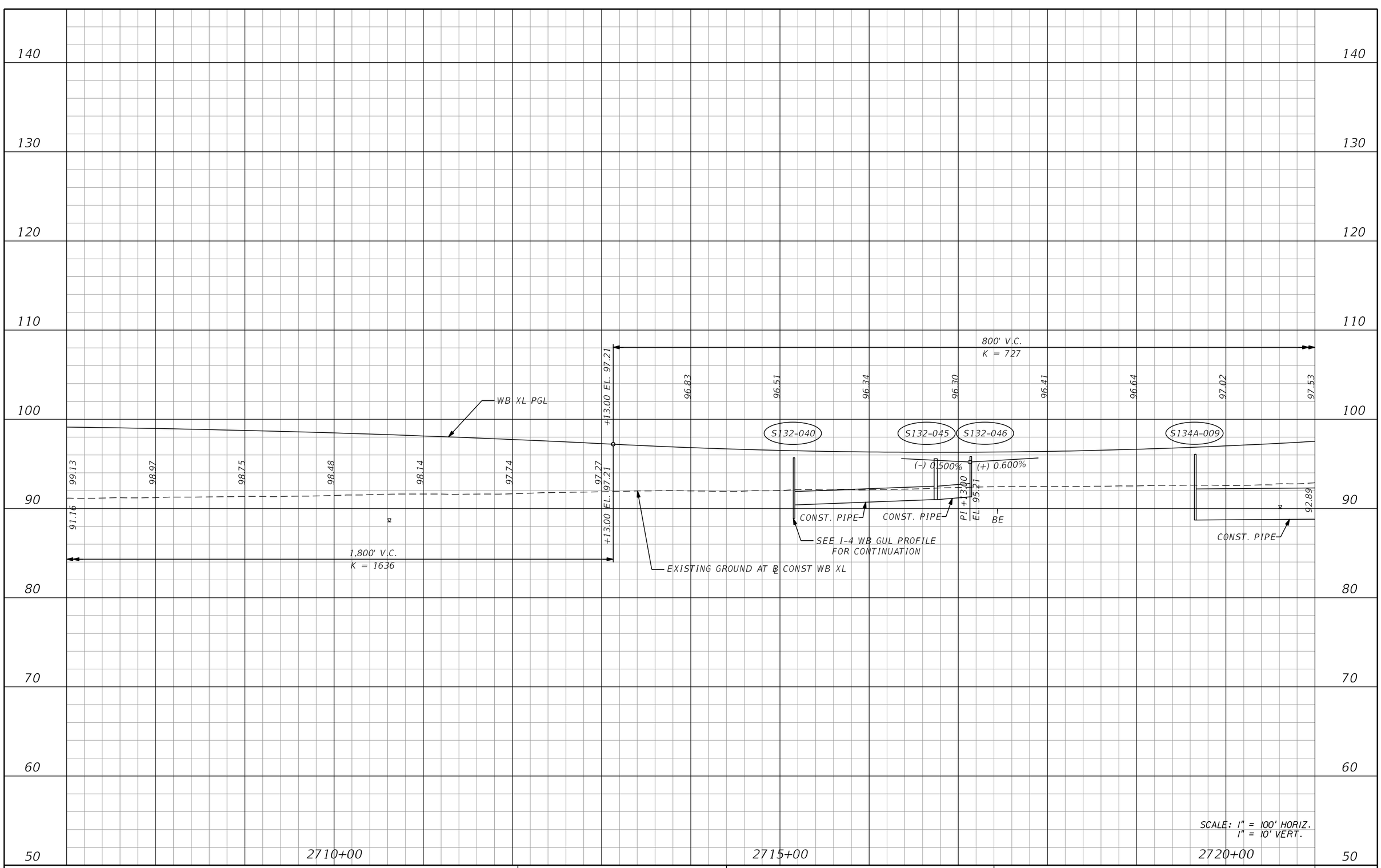
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO. 181

PRELIMINARY: NOT FOR CONSTRUCTION



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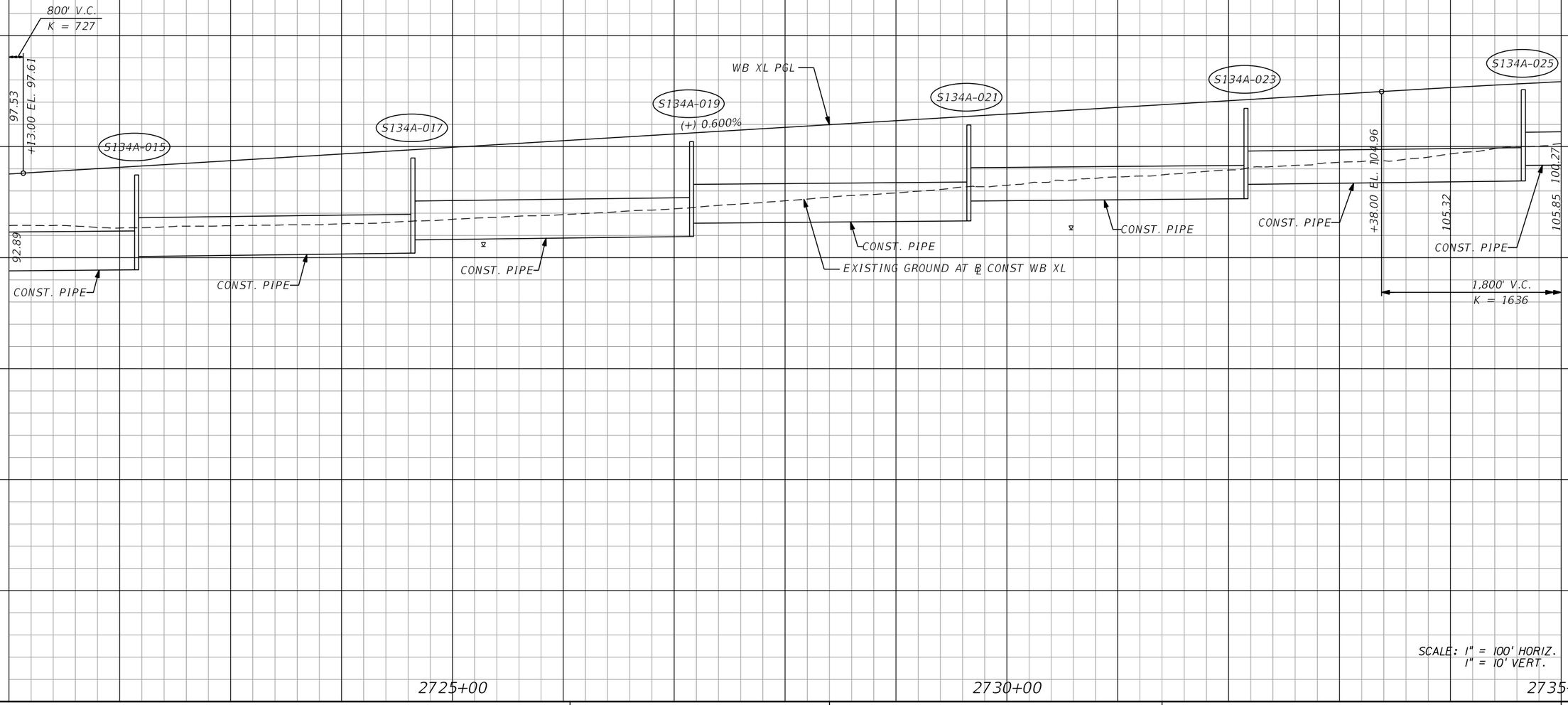
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO. 182

PRELIMINARY: NOT FOR CONSTRUCTION



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO. 183

PRELIMINARY: NOT FOR CONSTRUCTION

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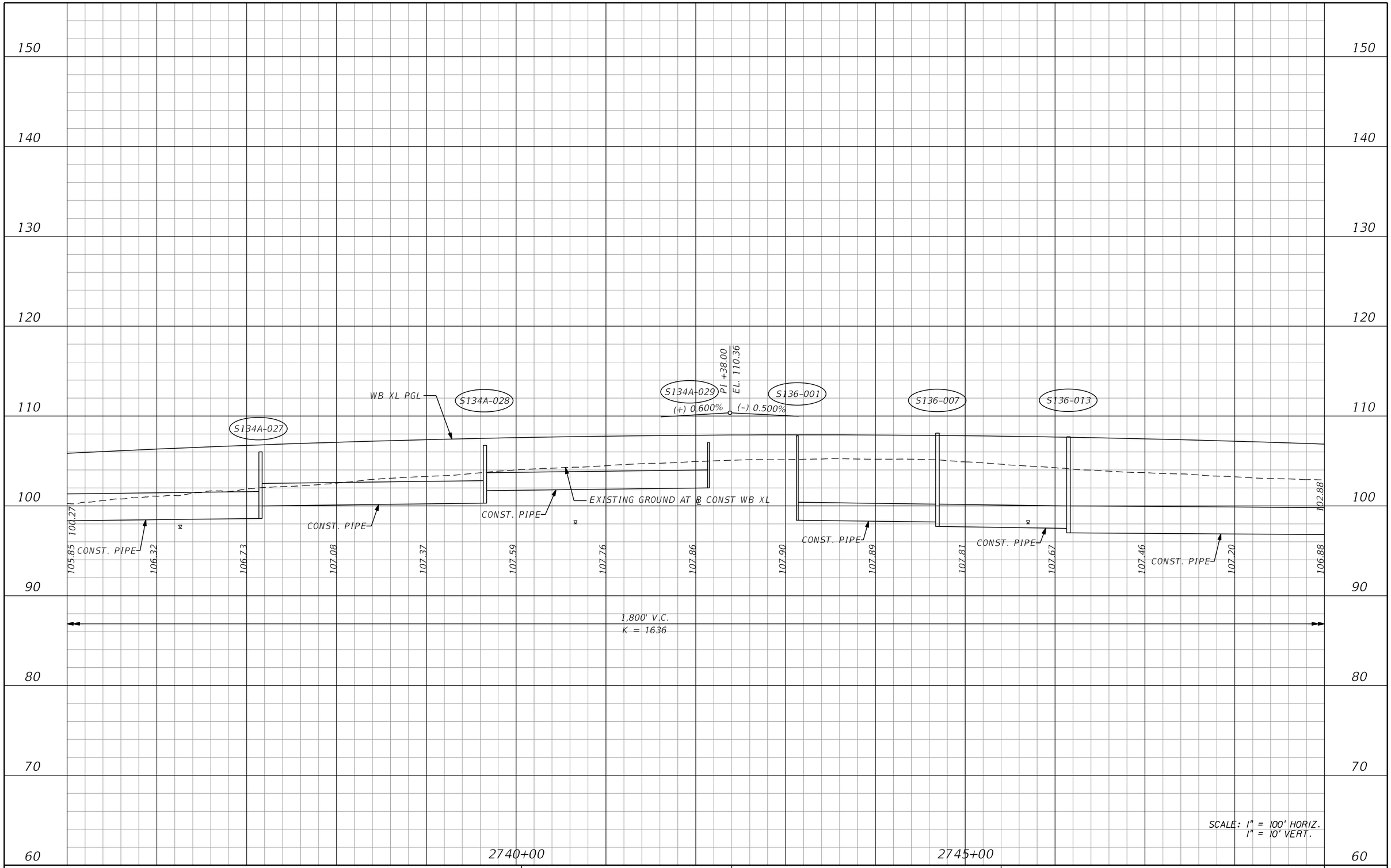

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO. 184

PRELIMINARY: NOT FOR CONSTRUCTION

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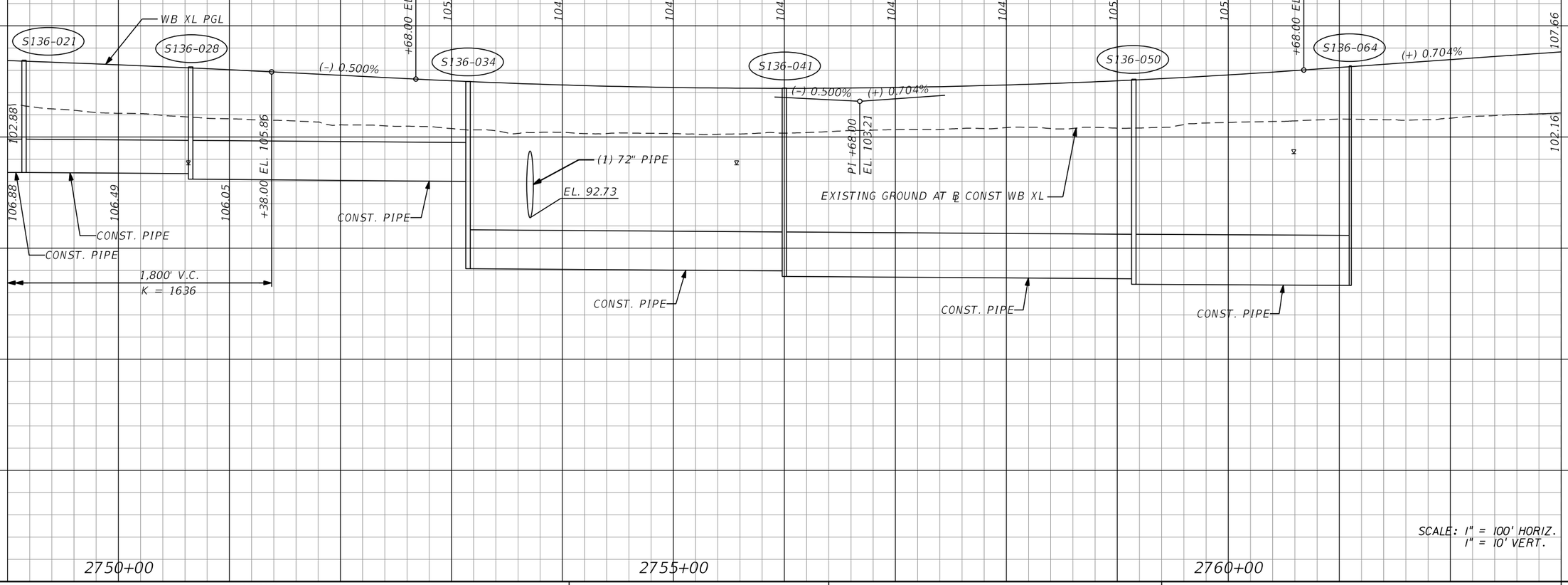

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO. 185

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150
140
130
120
110
100
90
80
70
60

WB XL PGL

107.66

102.16

EXISTING GROUND AT ℄ CONST WB XL

S137B2-005

S137B2-009

S137B2-015

S137B2-022

(+) 0.704%

117.52

109.68

S W

SEE B I-4 EB XL PROFILE FOR CONTINUATION

CONST. PIPE

CONST. PIPE

CONST. PIPE

SEE WBCD1 PROFILE FOR CONTINUATION

2765+00

2770+00

2775+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO.
186

PRELIMINARY: NOT FOR CONSTRUCTION

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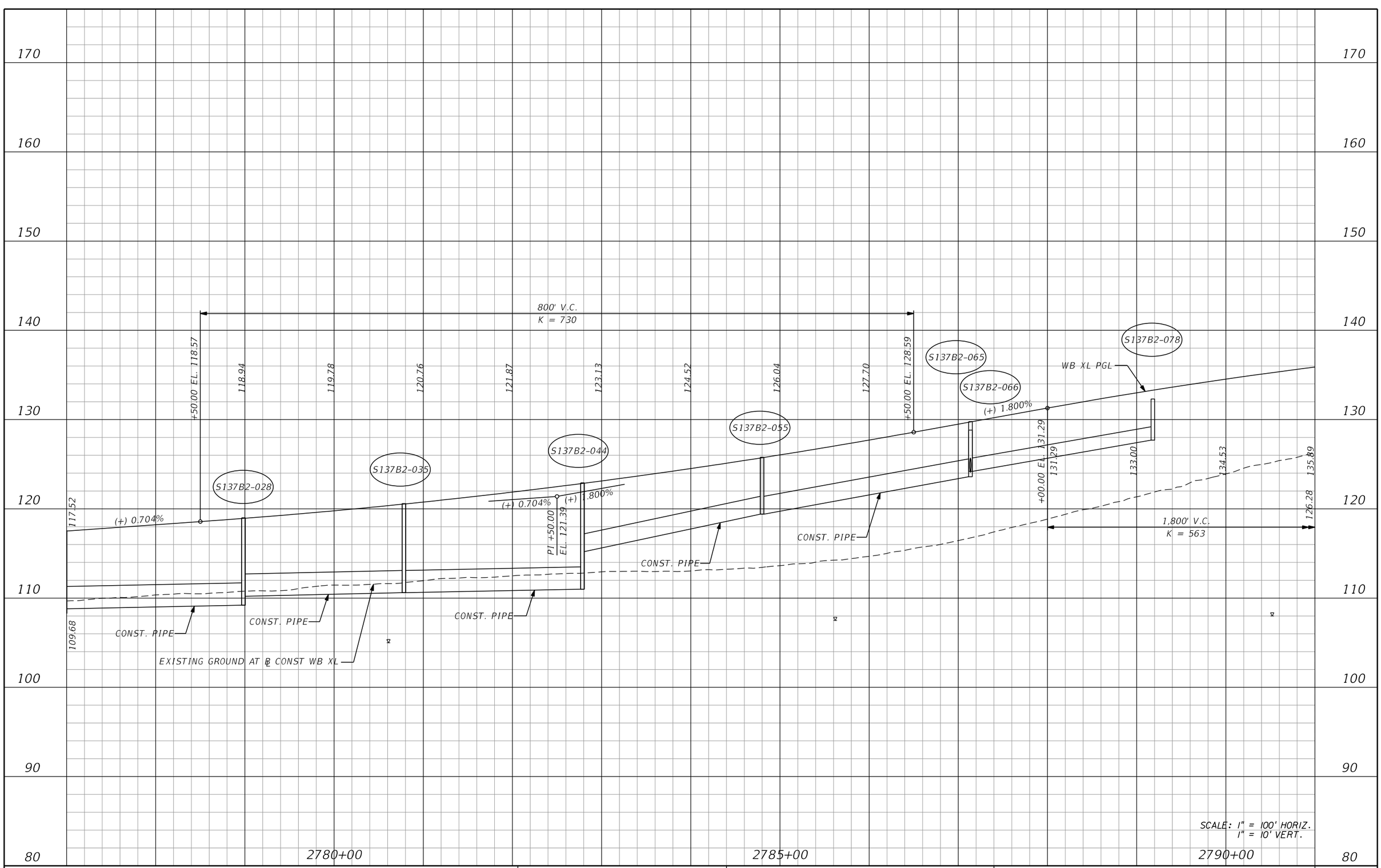

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO. 187

PRELIMINARY: NOT FOR CONSTRUCTION

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170
160
150
140
130
120
110
100
90
80

P.I. +00.00
EL. 147.49

(+) 1.800%
(-) 1.400%

WB XL PGL

EXISTING GROUND AT ℄ CONST WB XL

S138B1-024

S138B1-029

CONST. PIPE

135.89
137.07
138.07
138.89
139.53
140.00
140.29
140.40
140.33
140.09
139.67
139.07
138.29
137.33
136.20

126.28

123.34

1,800' V.C.
K = 563

WNP

WBE

2795+00

2800+00

2805+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO.
188

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170
160
150
140
130
120
110
100
90
80

S138B1-034
S138B1-040
S138B1-046
S138B1-054
S138B1-062
S138B1-066
S138B1-074

WB XL PGL

(-) 1.400%

123.34
136.20
1,800' V.C.
K = 563
+00.00 EL. 134.89
CONST. PIPE

CONST. PIPE

CONST. PIPE

CONST. PIPE

SEE D3_535 & I-4 EB XL
PROFILES FOR CONTINUATION

800' V.C.
K = 364
+00.00 EL. 118.09
116.83

106.93

EXISTING GROUND AT ℄ CONST WB XL

2805+00
2810+00
2815+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO.
189

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160
150
140
130
120
110
100
90
80
70

800' V.C.
K = 364

116.83 115.84 115.13 114.69 114.53 114.64 115.03 115.69

+00.00 EL. 115.69

S138B2-009 S138B2-016 S138B2-018 S138B2-022 S138B2-026 S138B2-027 S138B2-030 SBLK-092 S138B2-033 SBLK-094 S138B2-040 S138B2-041 SBLK-096 S138B2-048 S138B2-044

(-) 1.400% (+) 0.800% (+) 0.800%

PI +00.00
EL. 112.49

106.93

121.29 116.06

EXISTING GROUND AT ℄ CONST WB XL

WB XL PGL

CONST. PIPE

SEE BL RAMP D3 535
PROFILE FOR CONTINUATION

BE

2820+00 2825+00 2830+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO. 190

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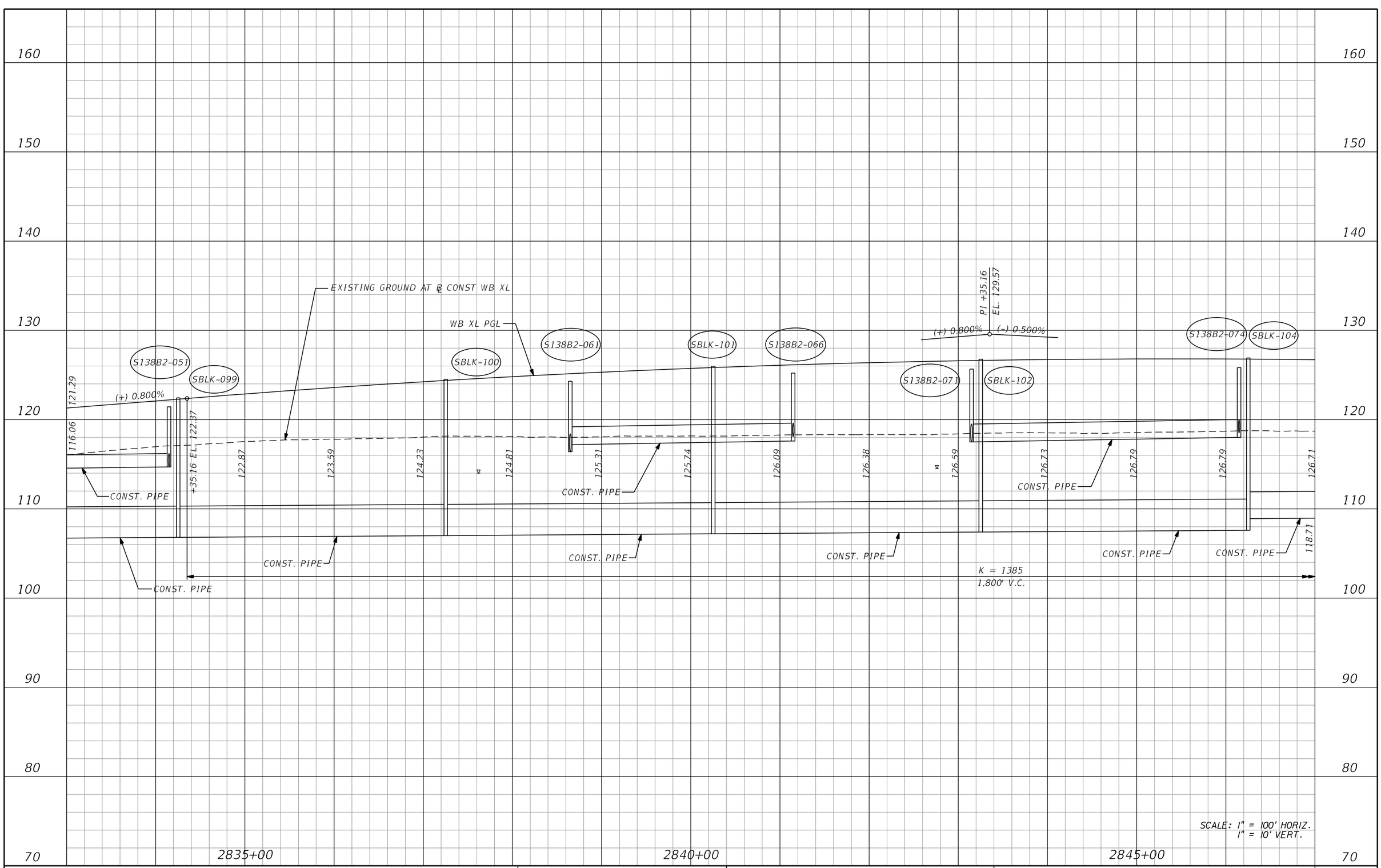

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SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO. 191

PRELIMINARY: NOT FOR CONSTRUCTION

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160
150
140
130
120
110
100
90
80
70

800' V.C.
K = 563

+64.83 EL. 124.92
124.76
124.41
124.24
124.24
124.43
124.79
125.33
126.05
+64.83 EL. 126.61
126.93

(-) 0.500%
(-) 0.500%
(+) 0.922%
(+) 0.922%

SBLK-106
WB XL PGL

S138B2-088
S138B2-096
S138B2-105
S138B2-108

P.I. +64.83
EL. 122.92

121.78

126.71
126.56
126.34
126.05
125.68
125.24
+35.16 EL. 125.07

CONST. PIPE
CONST. PIPE
CONST. PIPE

EXISTING GROUND AT ℄ CONST WB XL

118.71
CONST. PIPE

K = 1385
1,800' V.C.

2850+00
2855+00
2860+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO.
192

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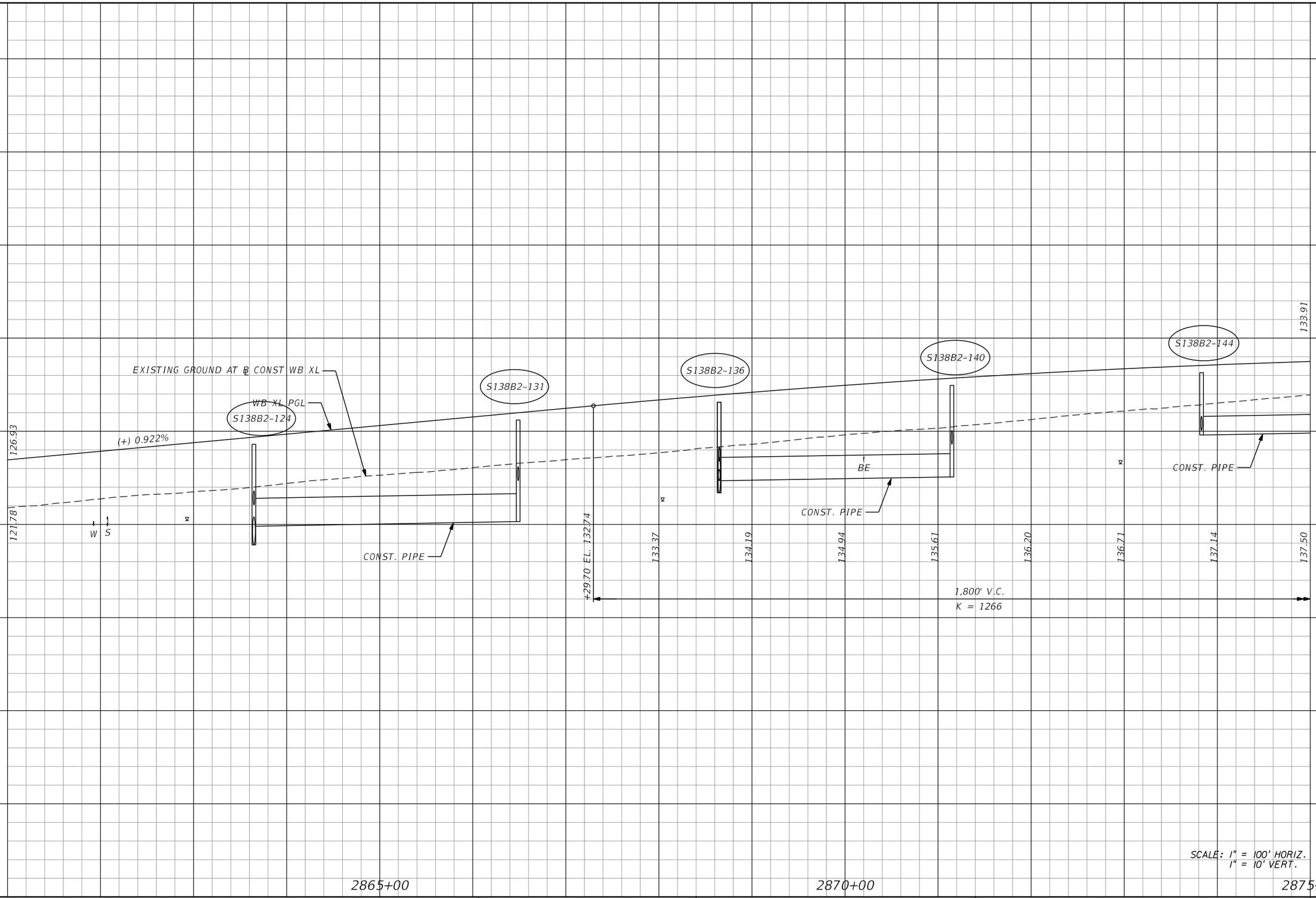

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO. 193

PRELIMINARY: NOT FOR CONSTRUCTION

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170
160
150
140
130
120
110
100
90
80

S138B2-050

133.91

PI +29.70
EL. 141.03

(+) 0.922%

(-) 0.500%

WB XL PGL

PI +90.62
EL. 135.73

(-) 0.500%

(-) 0.300%

135.10

134.44

WNP

CONST. PIPE

EXISTING GROUND AT ℄ CONST WB XL

137.50 137.77 137.96 138.08 138.12 138.07 137.95 137.75 137.47 137.12 136.68 +29.70 EL. 136.53

1,800' V.C.
K = 1266

2875+00 2880+00 2885+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO.
194

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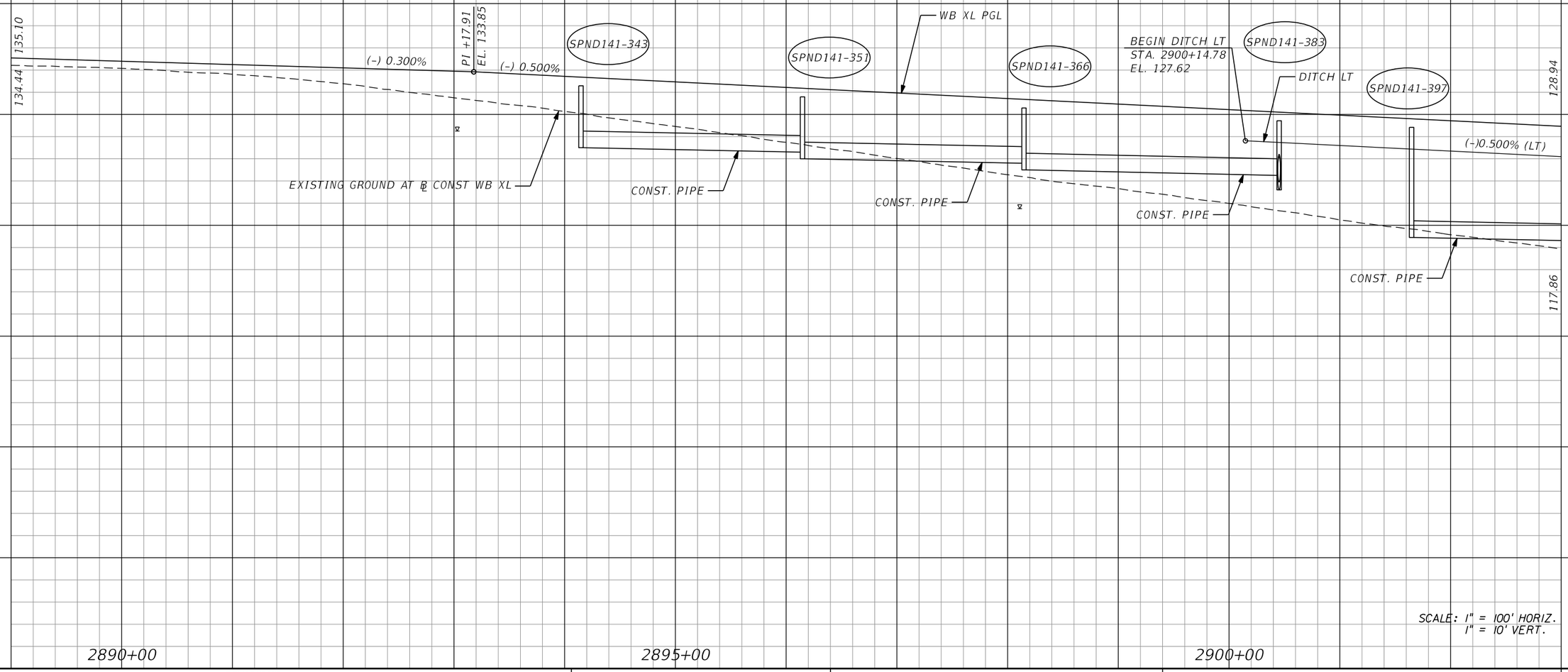

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO. 195

PRELIMINARY: NOT FOR CONSTRUCTION

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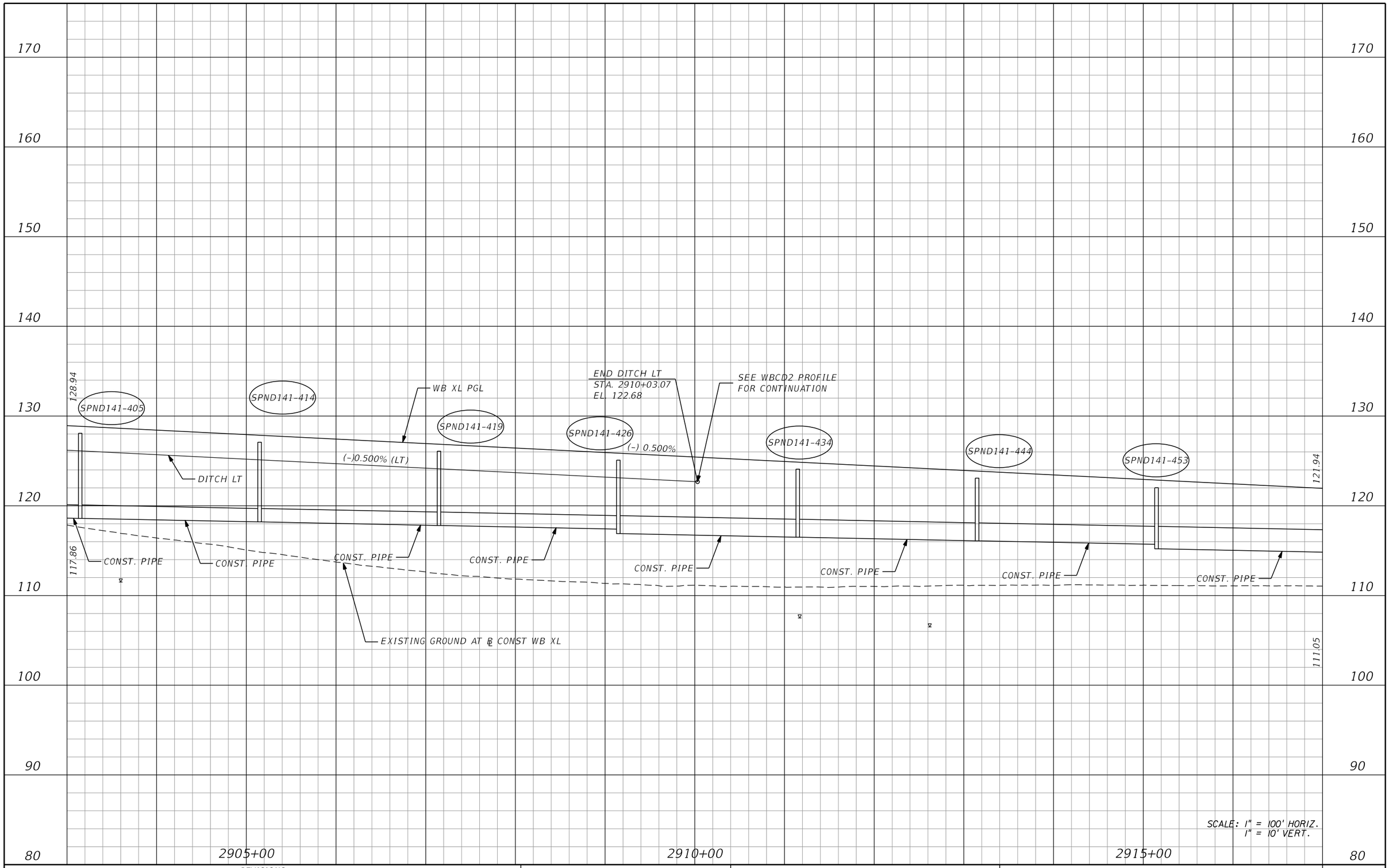

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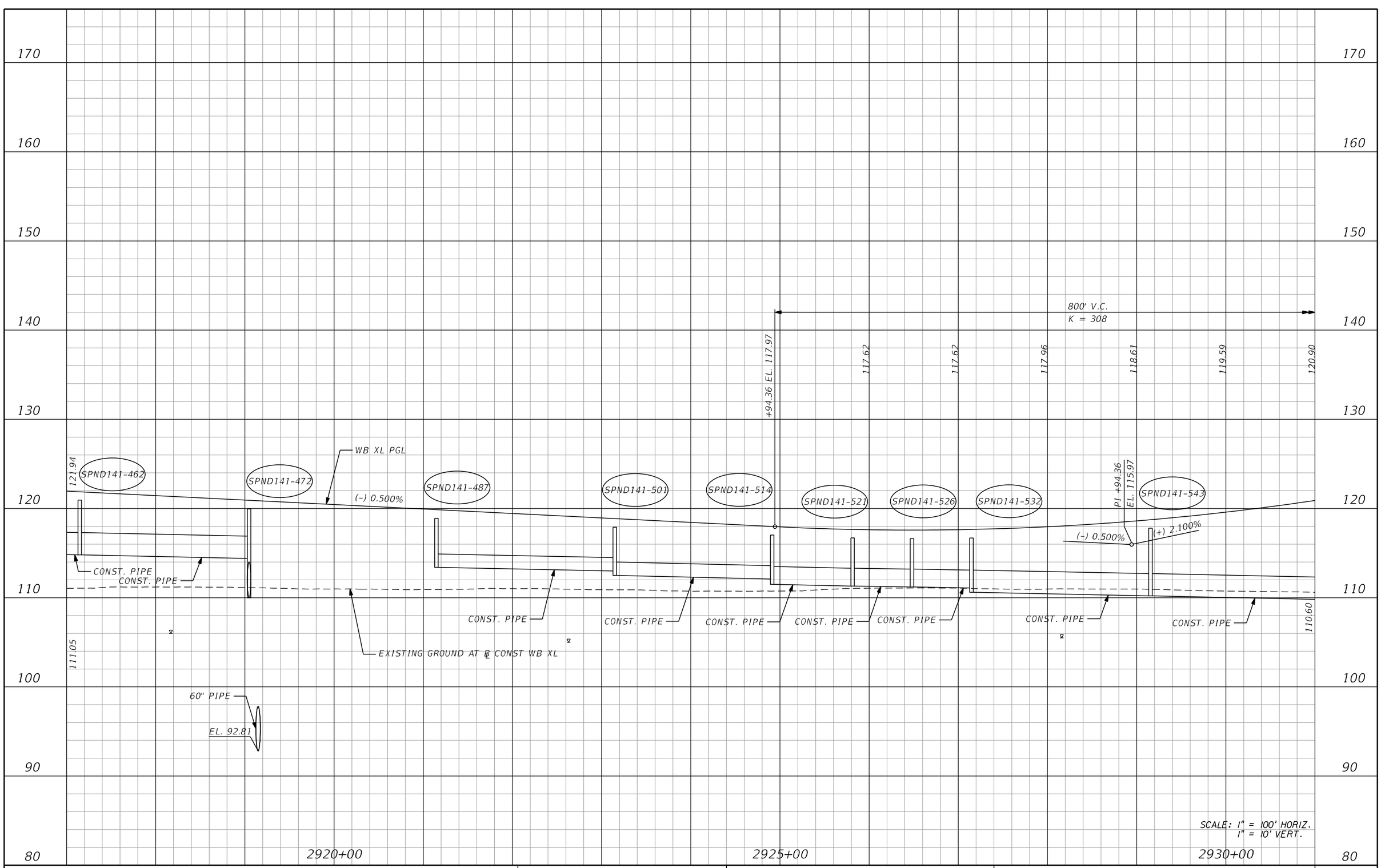
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO. 196

PRELIMINARY: NOT FOR CONSTRUCTION



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SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO. 197

PRELIMINARY: NOT FOR CONSTRUCTION

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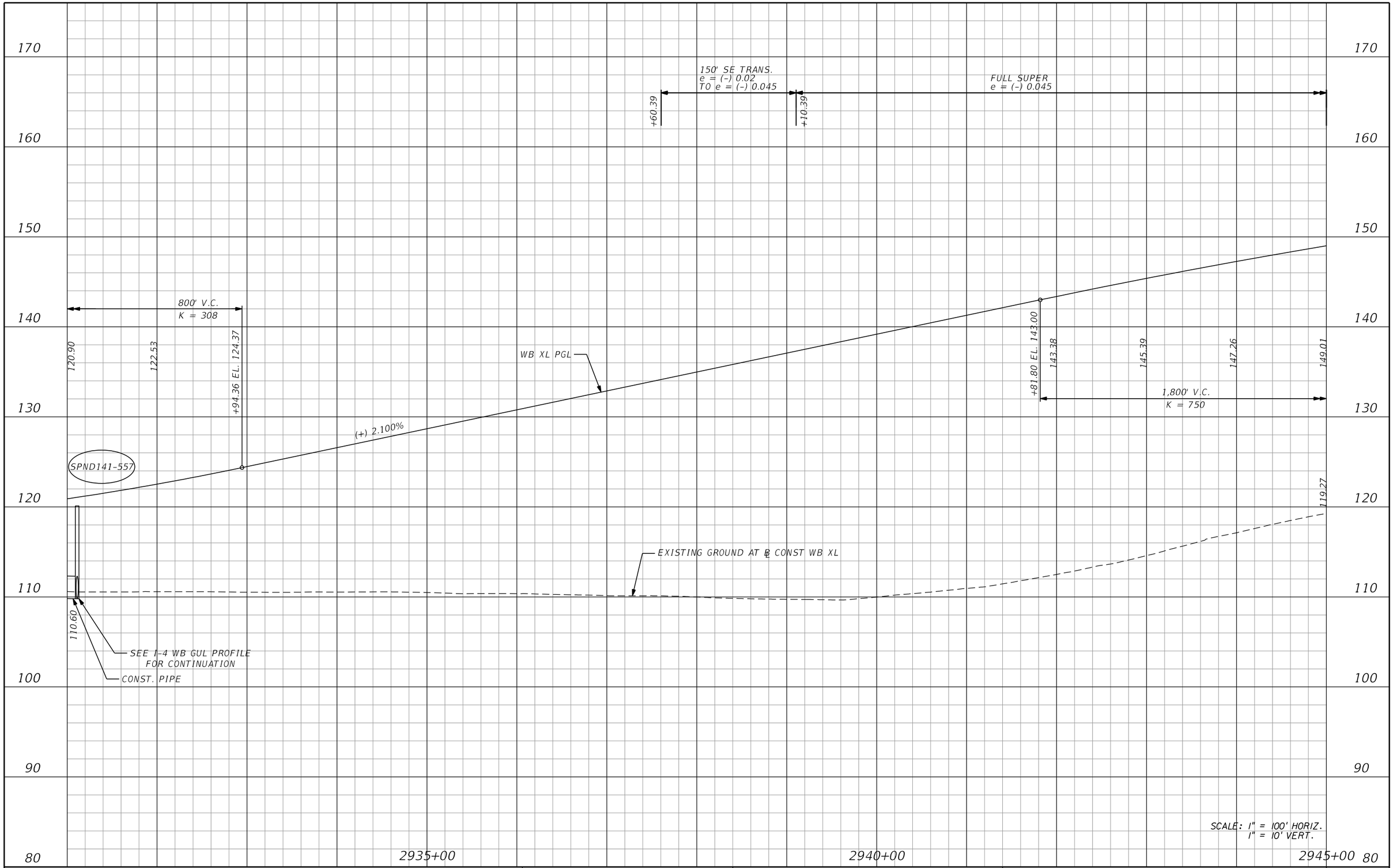

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO. 198

PRELIMINARY: NOT FOR CONSTRUCTION

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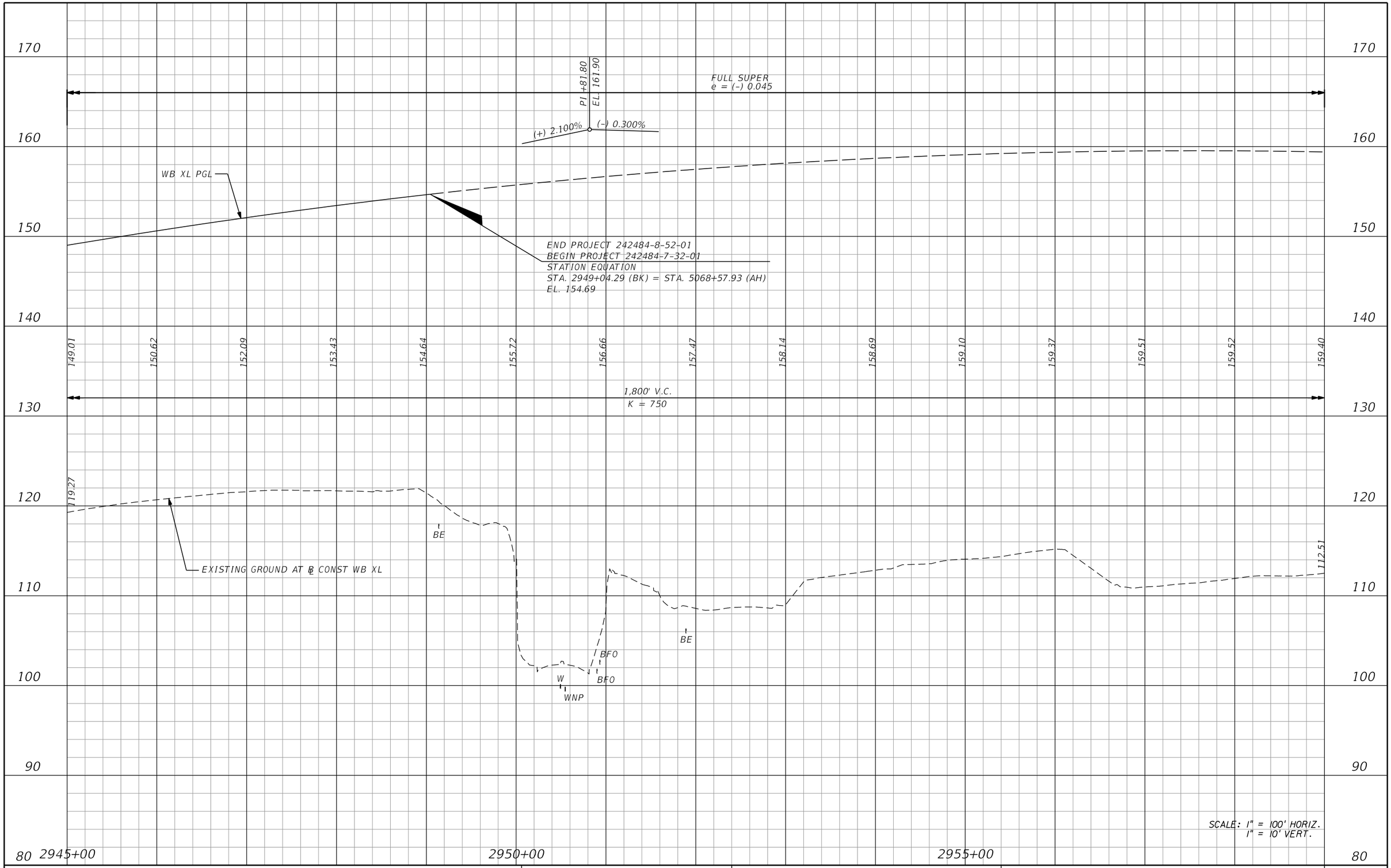

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB XL
PROFILE SHEET

SHEET NO. 199

PRELIMINARY: NOT FOR CONSTRUCTION

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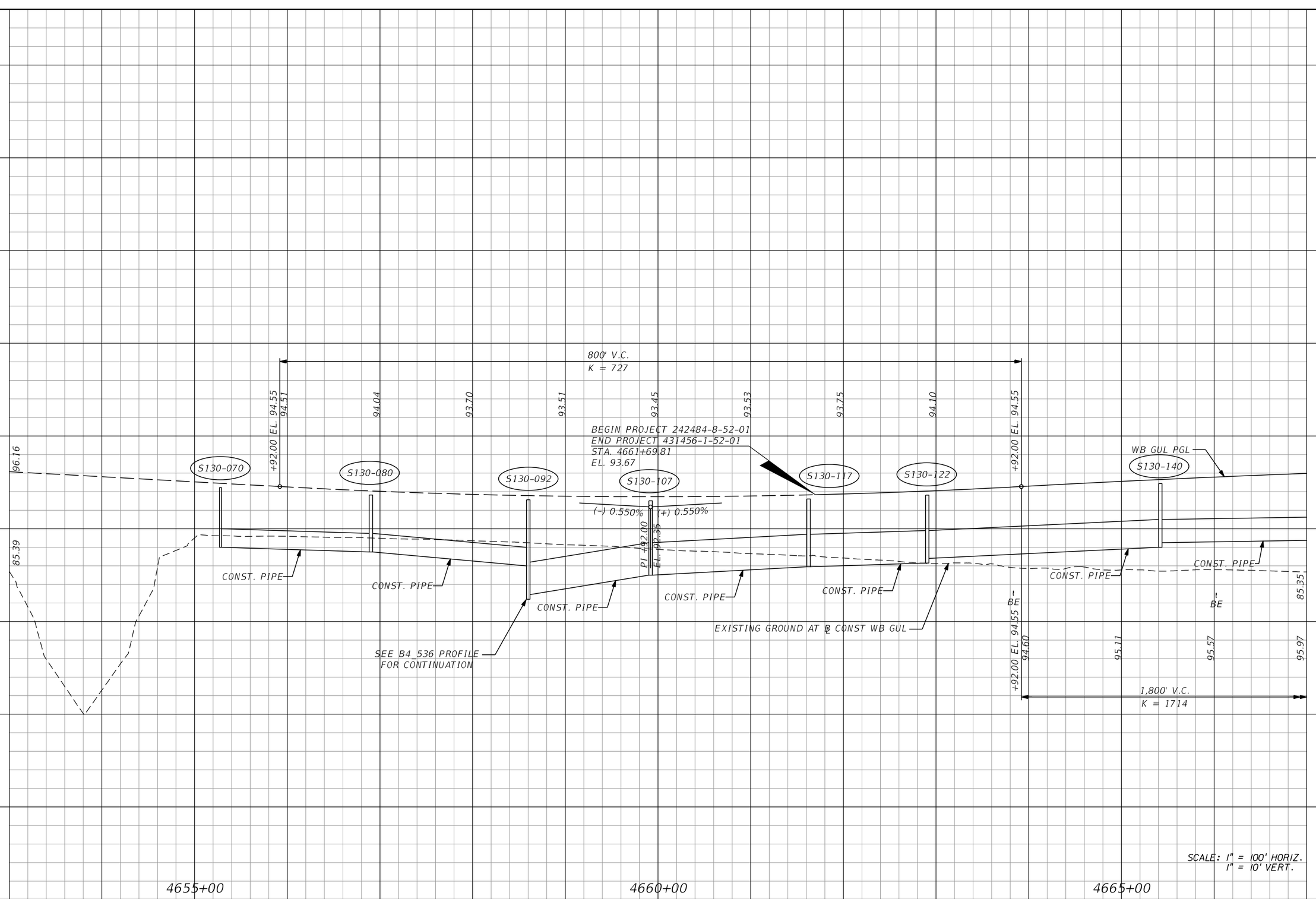

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL
PROFILE SHEET

SHEET NO. 200

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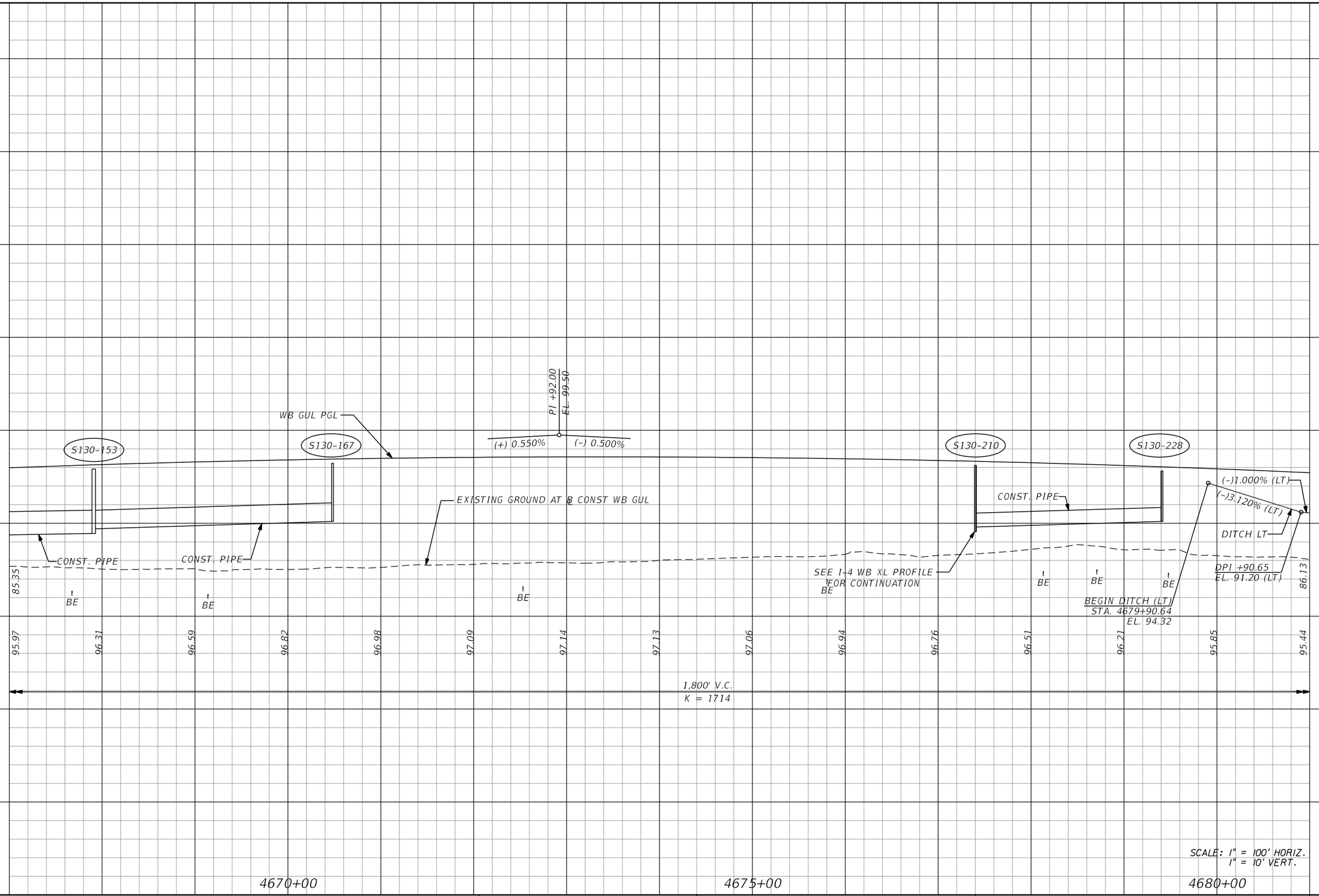

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL PROFILE SHEET

SHEET NO. 201

140
130
120
110
100
90
80
70
60
50

WB GUL PGL
(-) 0.500%
(-)1.000% (LT)
DITCH LT
(-)0.200% (LT)
(+)0.200% (LT)
(-) 0.500%
(+) 0.600%
(+)0.530% (LT)
(+)0.420% (LT)
(+)0.330% (LT)
(+) 0.600%
S131A-020
EXISTING GROUND AT ℄ CONST WB GUL
800' V.C.
K = 7.27
1,800' V.C.
K = 17.14
+30.00 EL. 92.81
+30.00 EL. 93.21
+92.00 EL. 95.00
PI +30.00
EL. 90.81
DPI +90.66
EL. 90.20 (LT)
DPI +90.29
EL. 89.00 (LT)
DPI +90.02
EL. 89.80 (LT)
DPI +89.97
EL. 90.33 (LT)
DPI +90.00
EL. 90.75 (LT)
CONST. PIPE
END DITCH (LT)
STA. 4694+90.12
EL. 91.08
℄ BE
℄ BE WNPW
86.13
95.44
93.63
88.34
92.49
92.16
91.96
91.90
91.98
92.19
92.55
93.04
4685+00
4690+00
4695+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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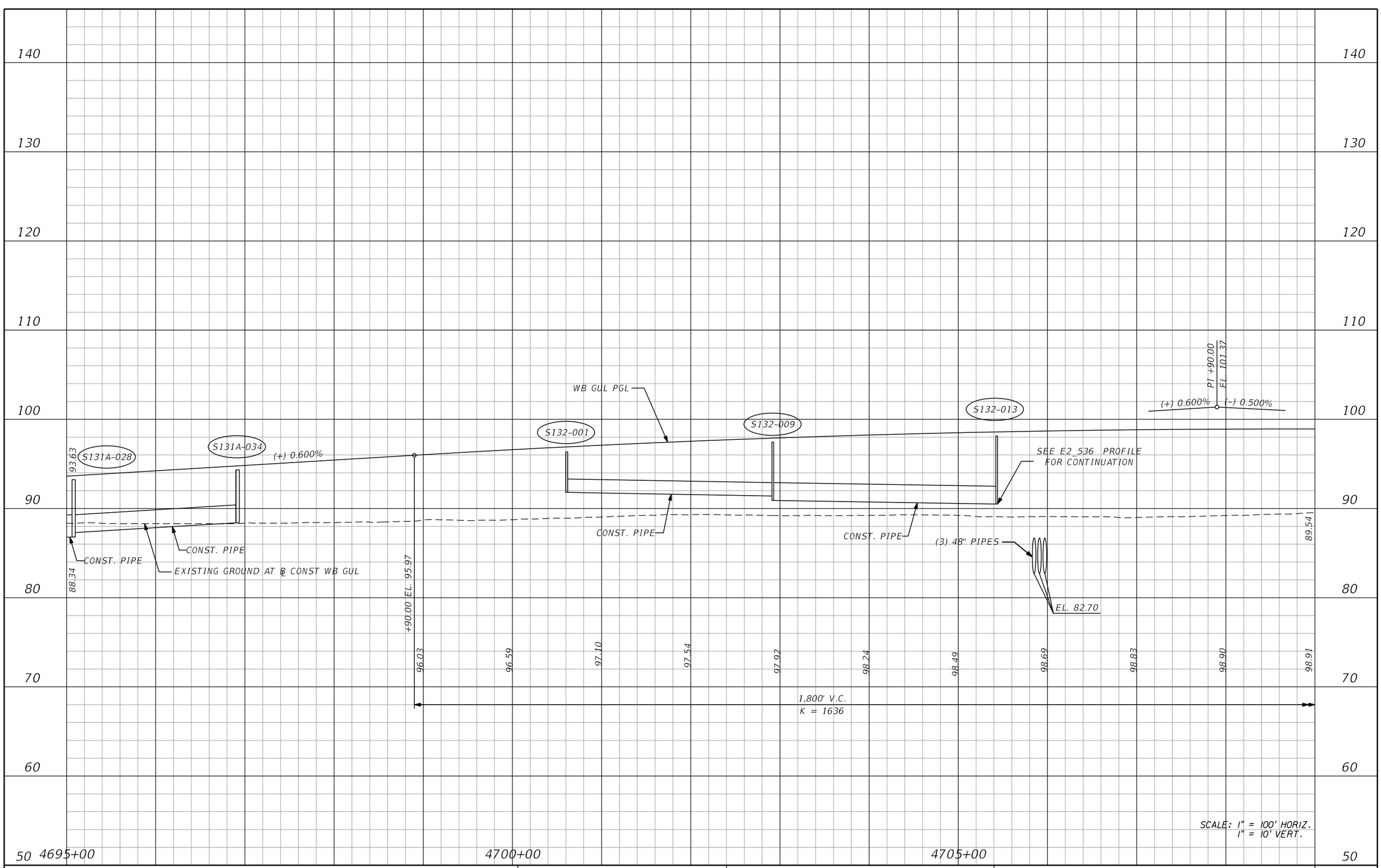
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL PROFILE SHEET

SHEET NO. 202



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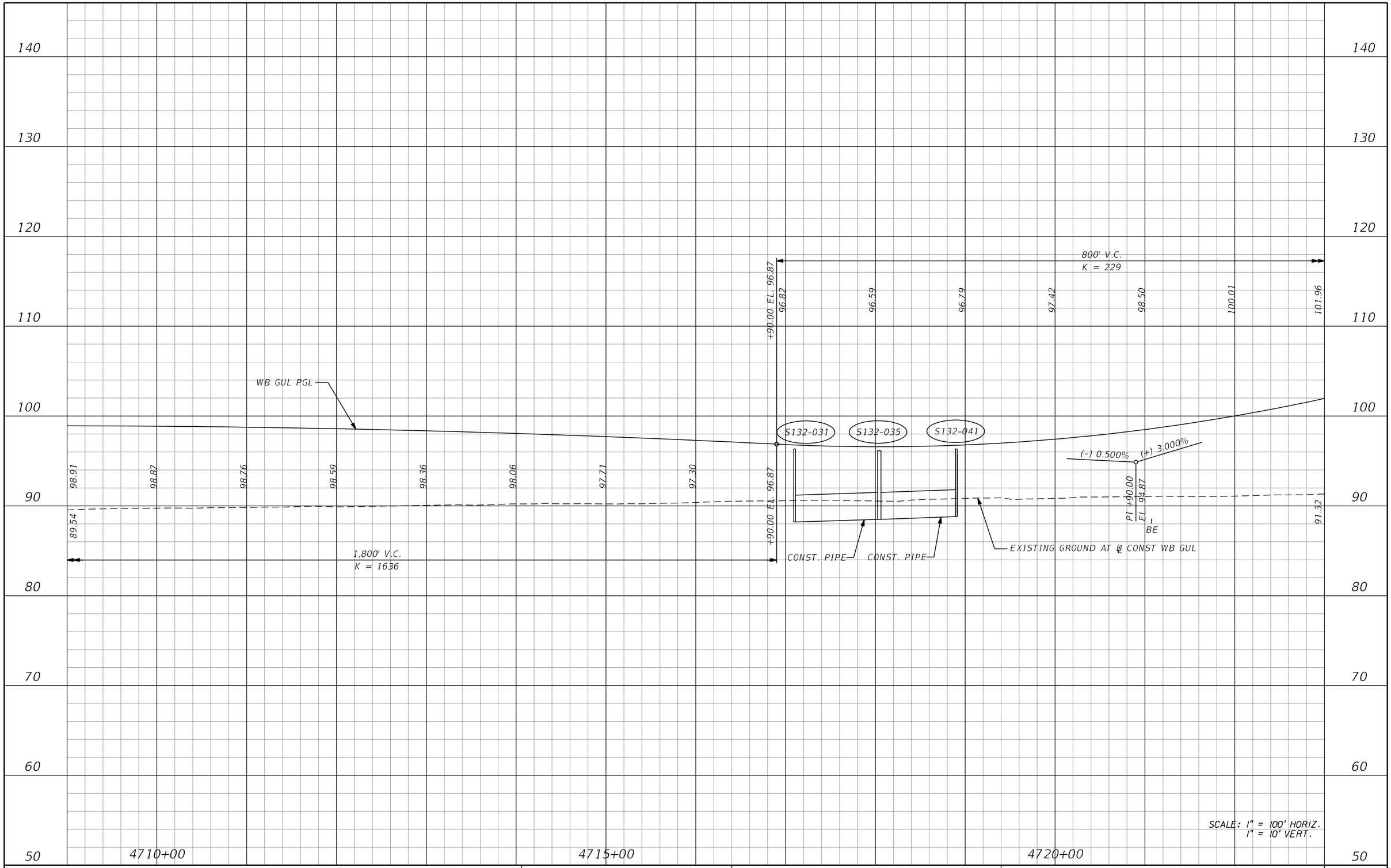
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL
PROFILE SHEET

SHEET NO. 203

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL
PROFILE SHEET

SHEET NO. 204

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/24/2021 8:30:23 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_GWBI4_05.dgn

160
150
140
130
120
110
100
90
80
70

800' V.C.
K = 229

101.96
104.35
+90.00 EL. 106.87

(+) 3.000%

+34.83 EL. 117.22
119.14
121.98
124.67
127.22
129.63
131.90
134.03
136.01
137.86

(+) 3.000%

WB GUL PGL

1,800' V.C.
K = 704

91.32
99.49

℄ BE

EXISTING GROUND AT ℄ CONST WB GUL

4725+00
4730+00
4735+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL
PROFILE SHEET

SHEET NO. 205

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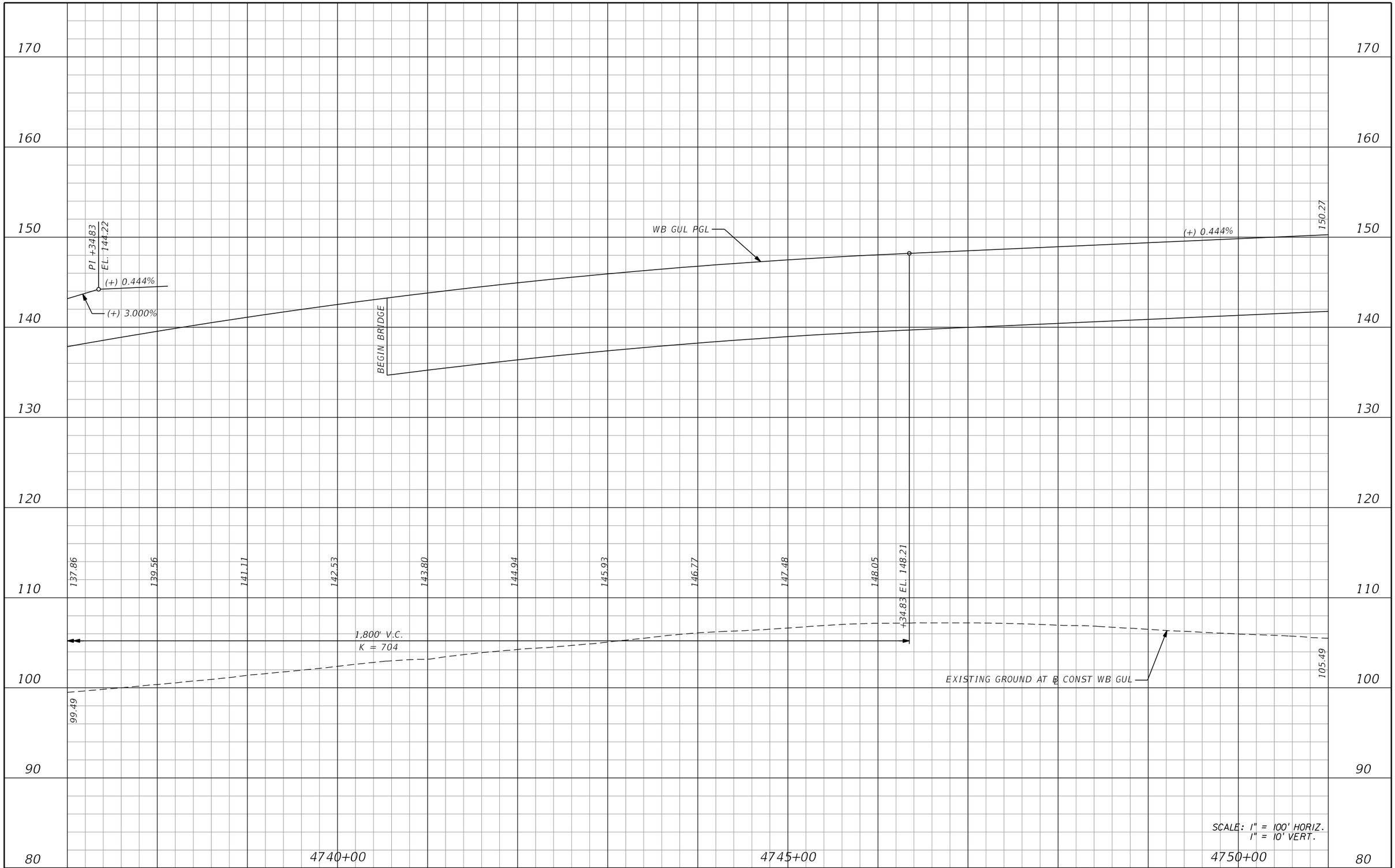

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL
PROFILE SHEET

SHEET NO. 206

PRELIMINARY: NOT FOR CONSTRUCTION

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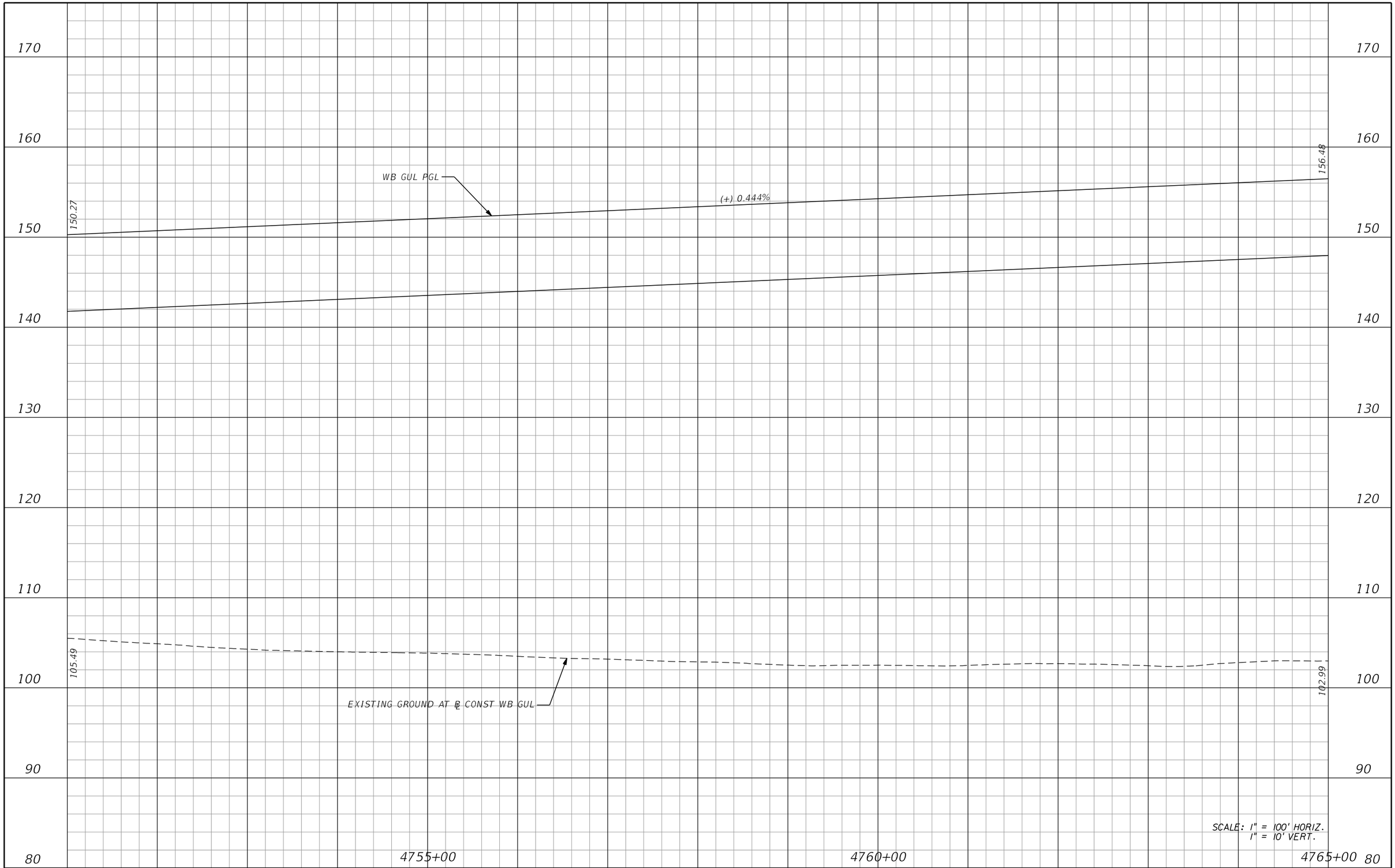

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL
PROFILE SHEET

SHEET NO. 207

PRELIMINARY: NOT FOR CONSTRUCTION

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180
170
160
150
140
130
120
110
100
90

156.48

WB GUL PGL

(+) 0.444%

162.69

EXISTING GROUND AT ℄ CONST WB GUL

102.99

S W

110.86

4765+00
4770+00
4775+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL
PROFILE SHEET

SHEET NO.
208

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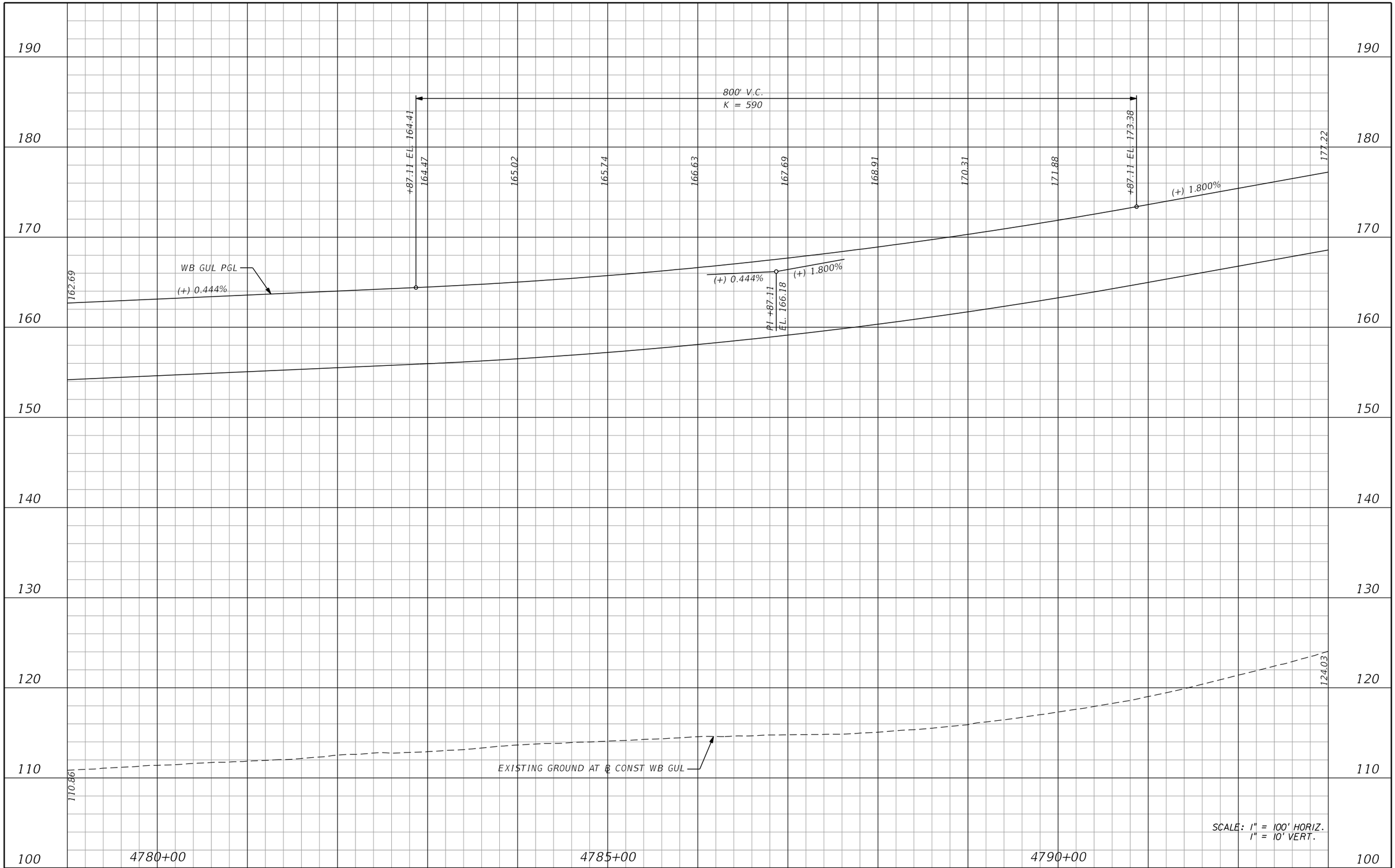

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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T 407.843.6552 F 407.839.1789
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL
PROFILE SHEET

SHEET NO. 209

PRELIMINARY: NOT FOR CONSTRUCTION

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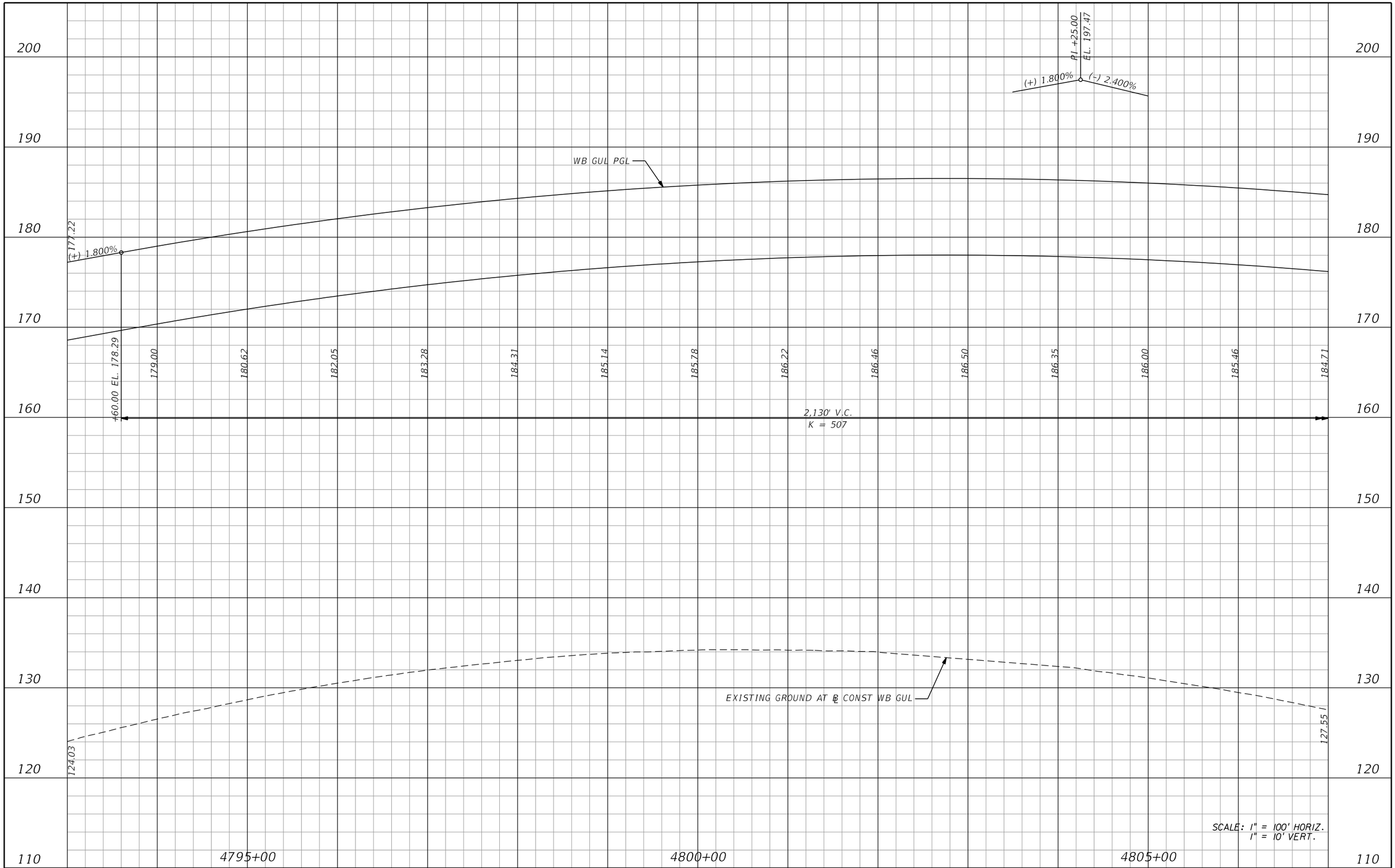

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL
PROFILE SHEET

SHEET NO. 210

PRELIMINARY: NOT FOR CONSTRUCTION

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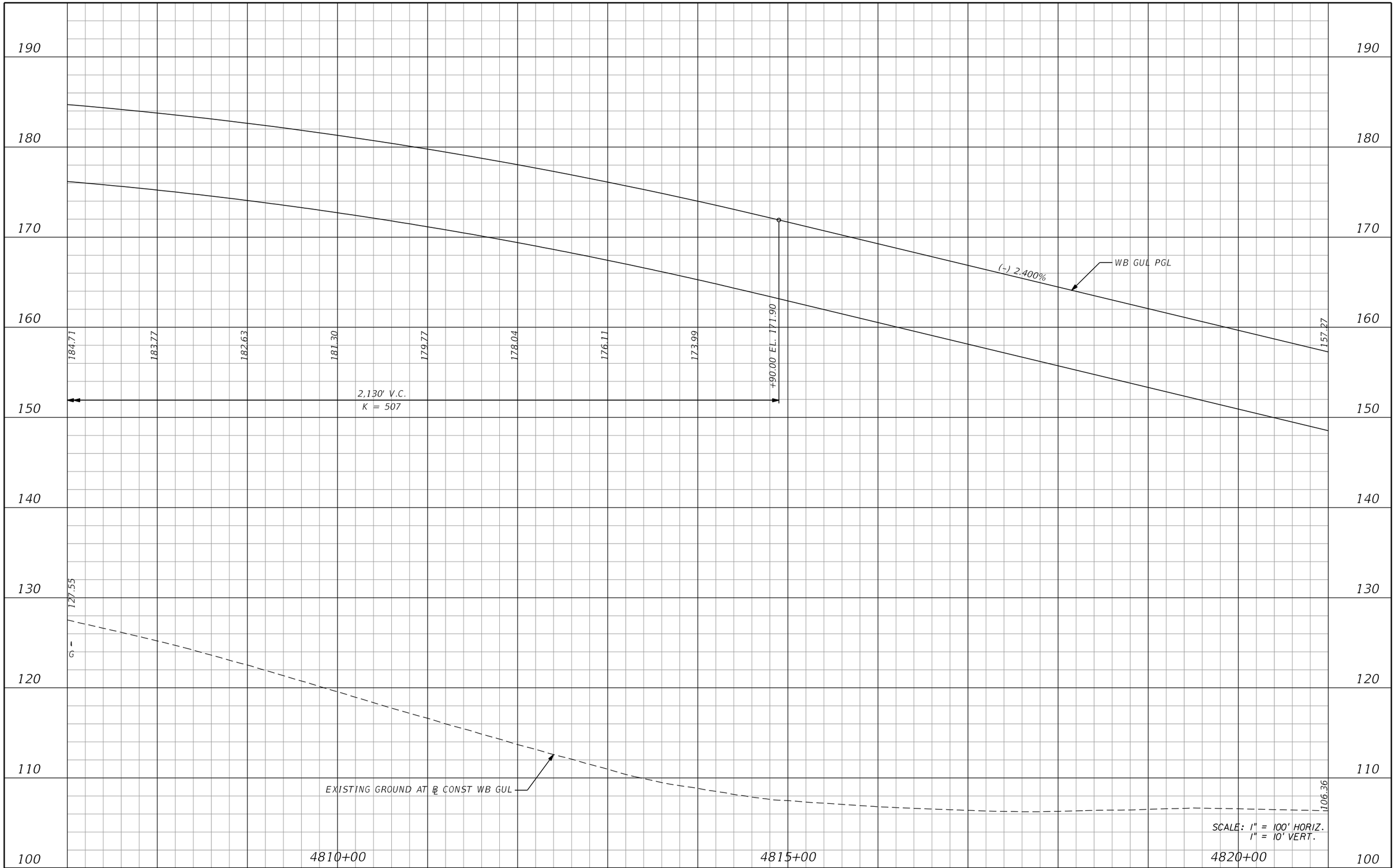

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL
PROFILE SHEET

SHEET NO. 211

PRELIMINARY: NOT FOR CONSTRUCTION

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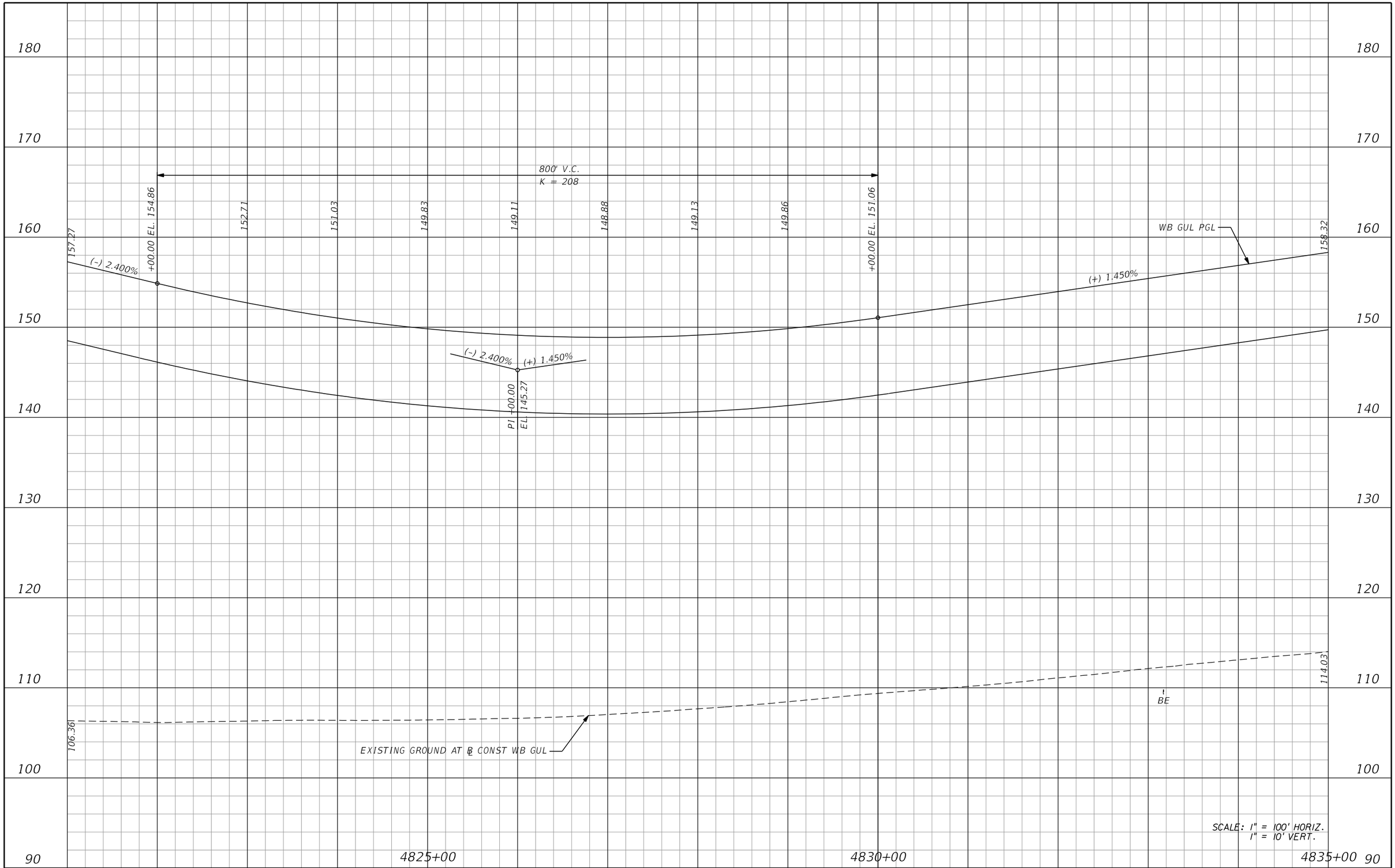

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL
PROFILE SHEET

SHEET NO. 212

PRELIMINARY: NOT FOR CONSTRUCTION

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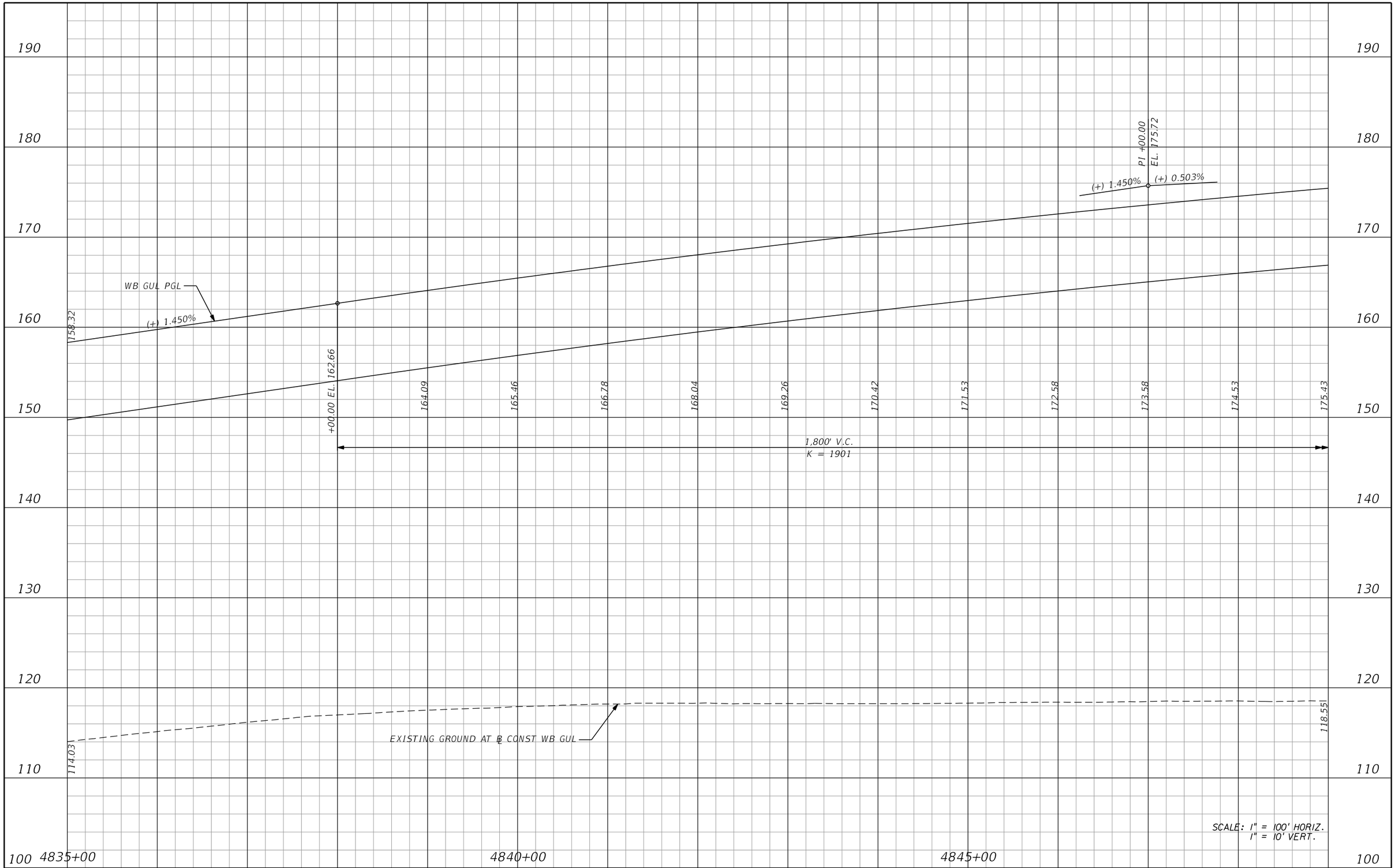

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL
PROFILE SHEET

SHEET NO. 213

PRELIMINARY: NOT FOR CONSTRUCTION

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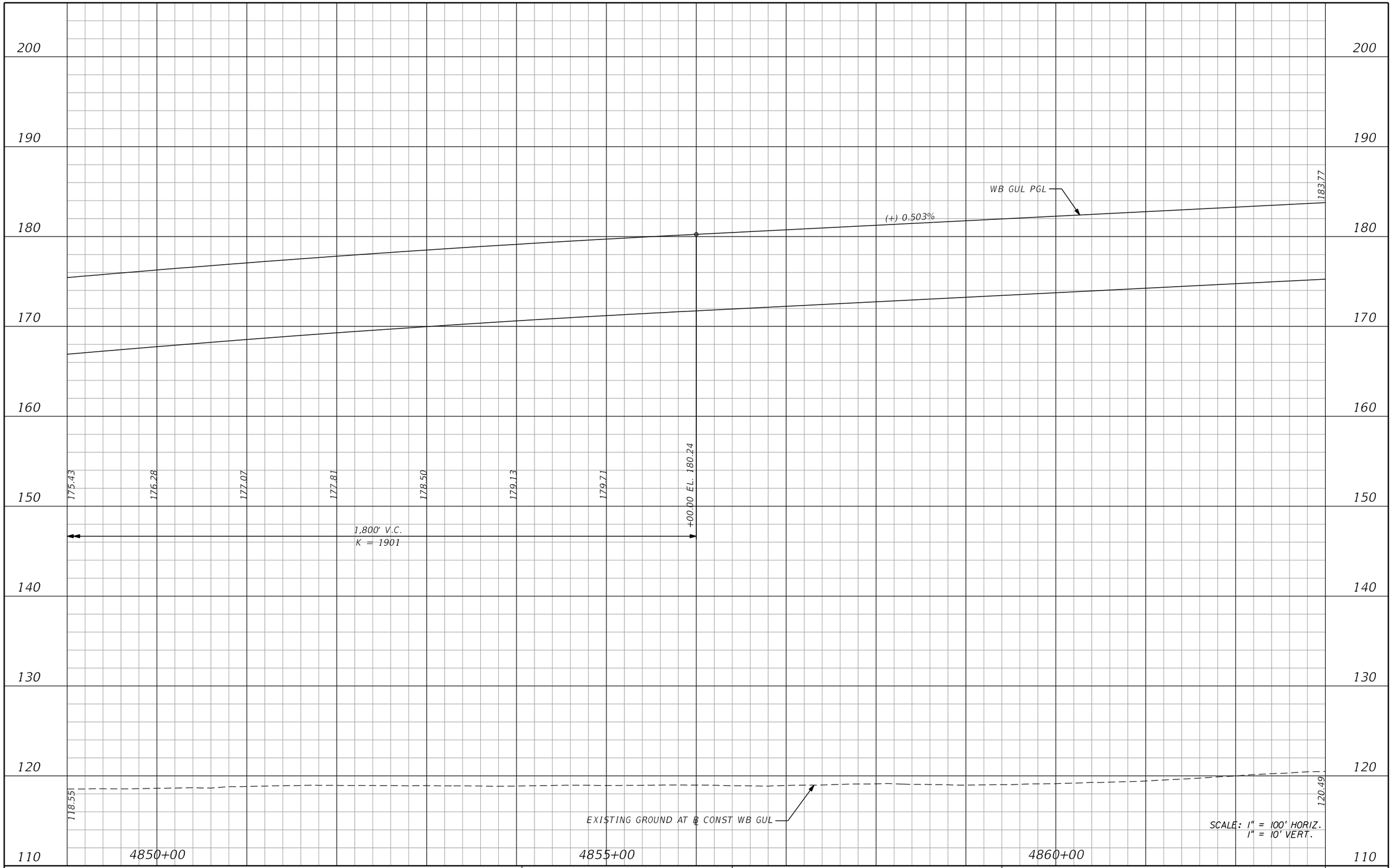

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL
PROFILE SHEET

SHEET NO. 214

PRELIMINARY: NOT FOR CONSTRUCTION

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200
190
180
170
160
150
140
130
120
110

183.77
(+) 0.503%
WB GUL PGL
190.81
120.49
W
S
EXISTING GROUND AT ℄ CONST WB GUL
BE
132.34

4865+00
4870+00
4875+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL
PROFILE SHEET

SHEET NO. 215

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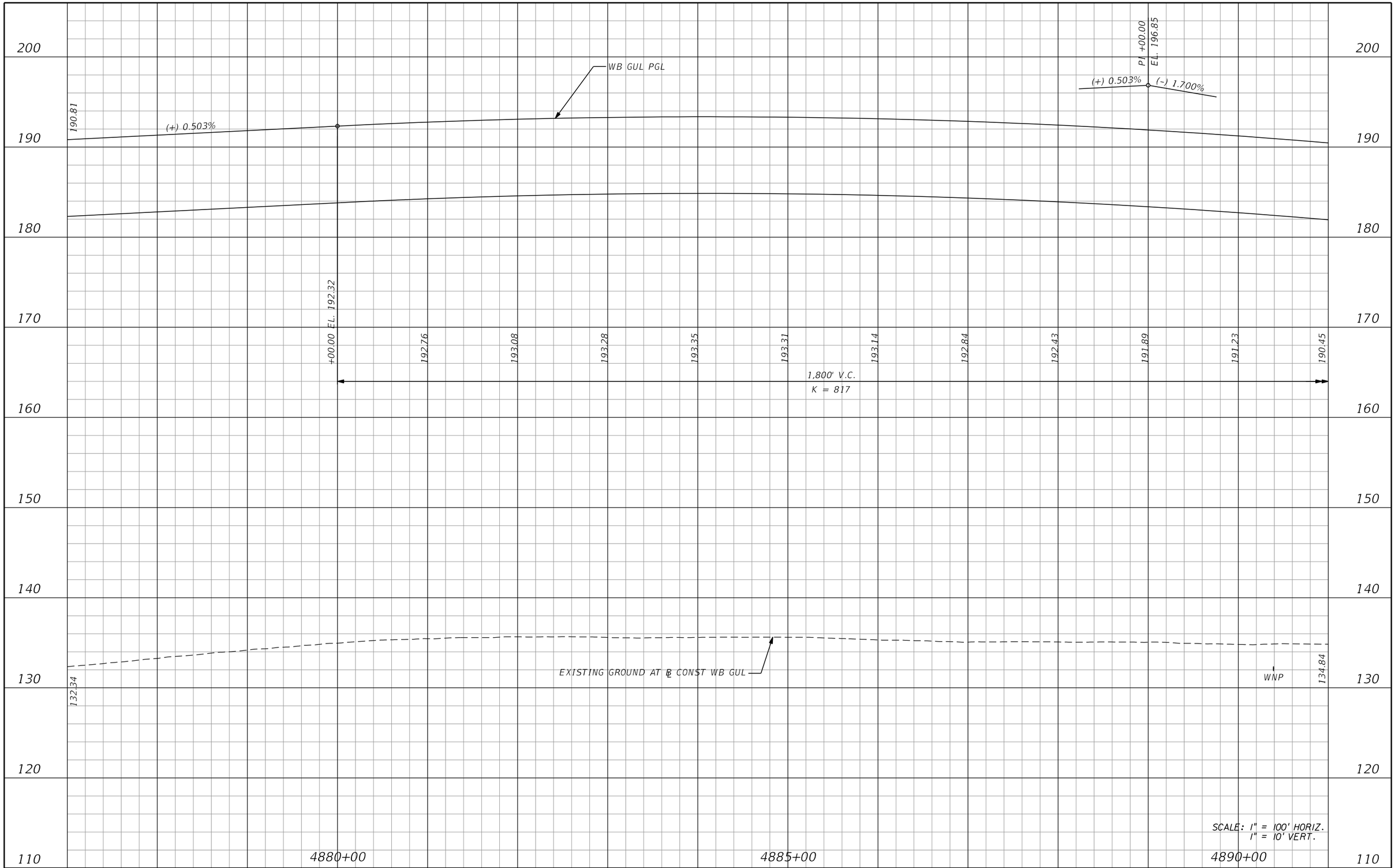

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL
PROFILE SHEET

SHEET NO. 216

PRELIMINARY: NOT FOR CONSTRUCTION

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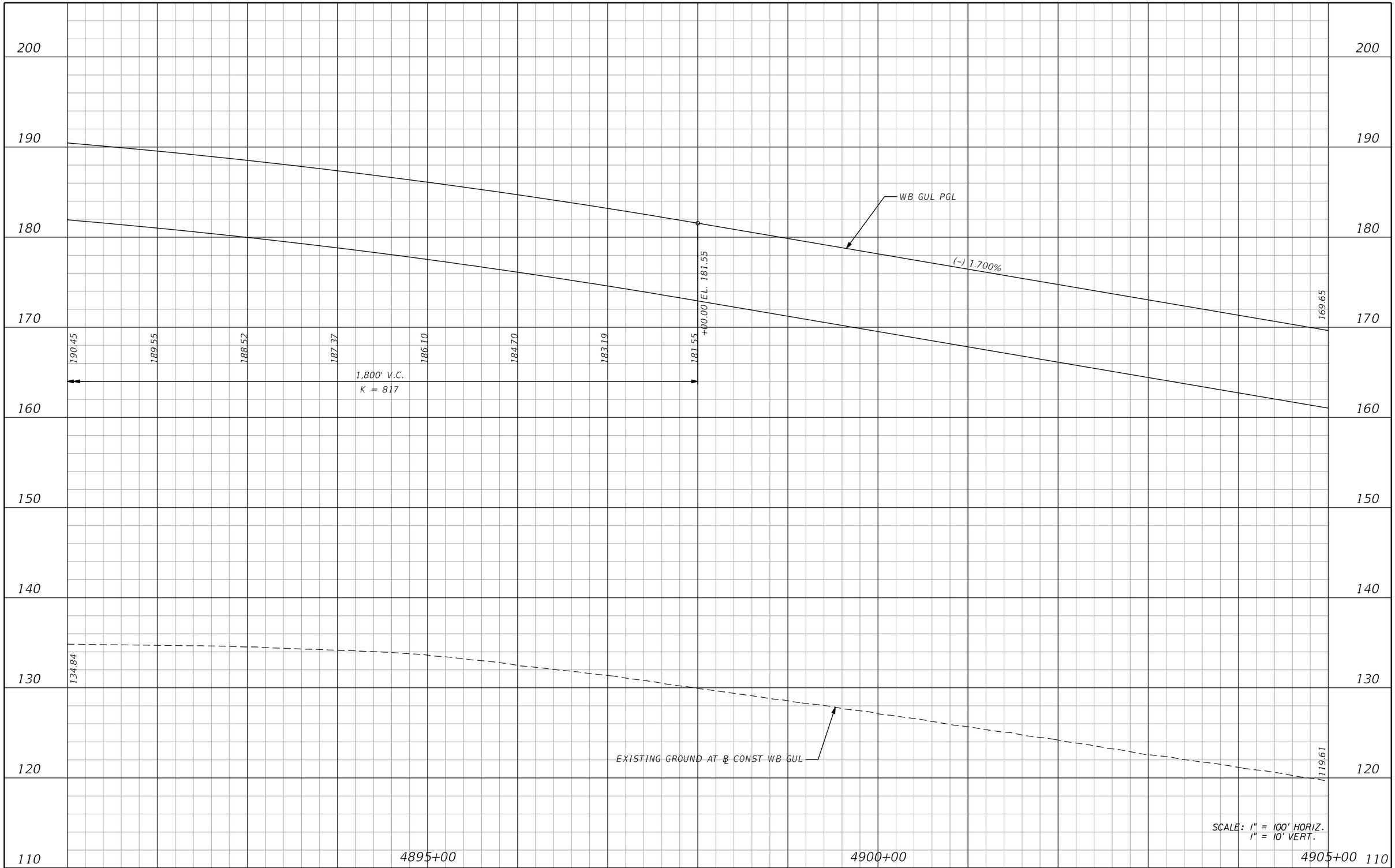

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

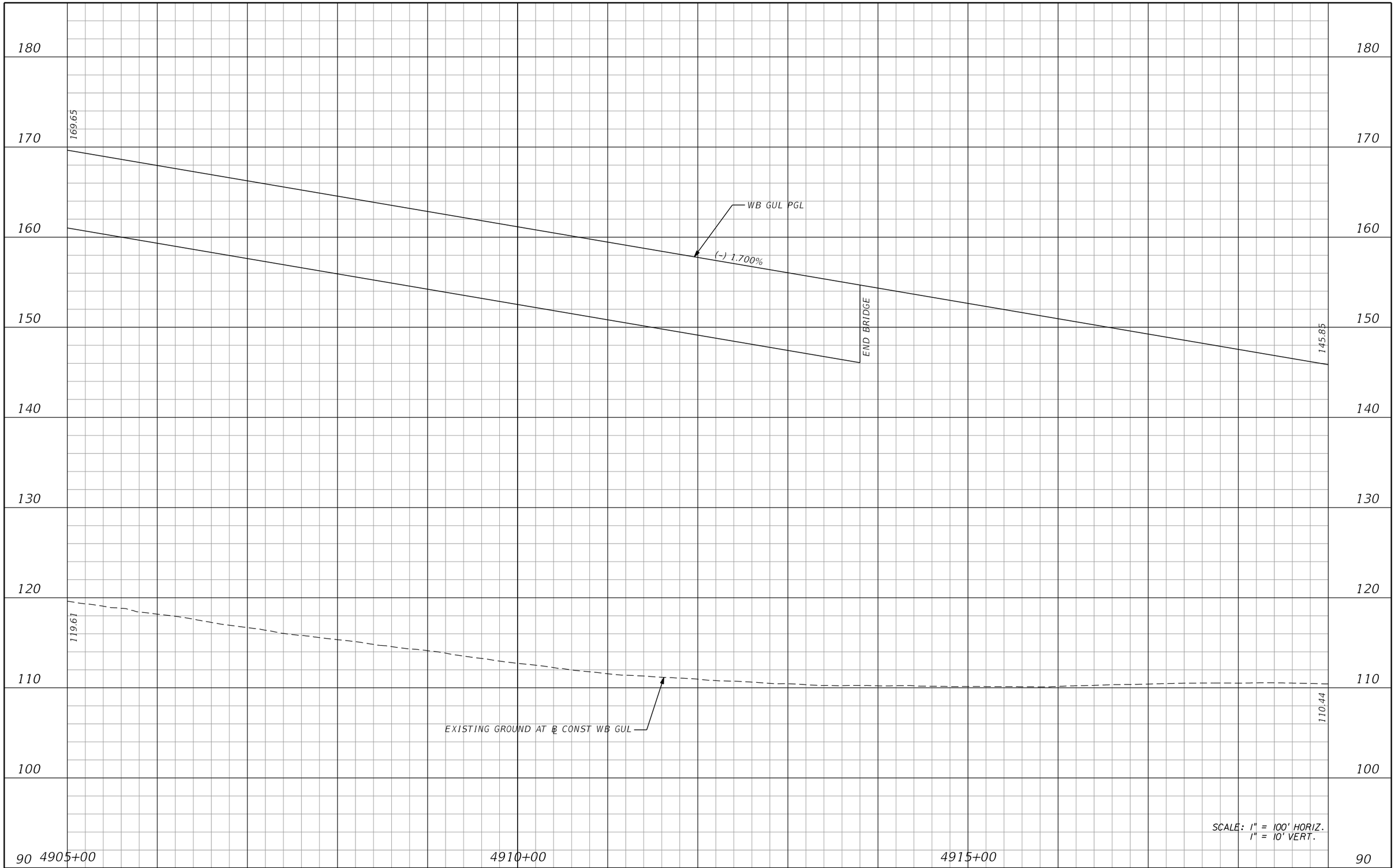
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL PROFILE SHEET

SHEET NO. 217

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/24/2021 8:31:16 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_GWBI4_018.dgn



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL
PROFILE SHEET

SHEET NO. 218

PRELIMINARY: NOT FOR CONSTRUCTION

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180
170
160
150
140
130
120
110
100
90

145.85

WB GUL PGL

(–) 1.700%

SPND141-506

SPND141-516

SPND141-522

SPND141-534

SPND141-545

122.05

CONST. PIPE

CONST. PIPE

CONST. PIPE

CONST. PIPE

CONST. PIPE

110.47

110.44

EXISTING GROUND AT ℄ CONST WB GUL

60" PIPE

EL. 92.81

4920+00

4925+00

4930+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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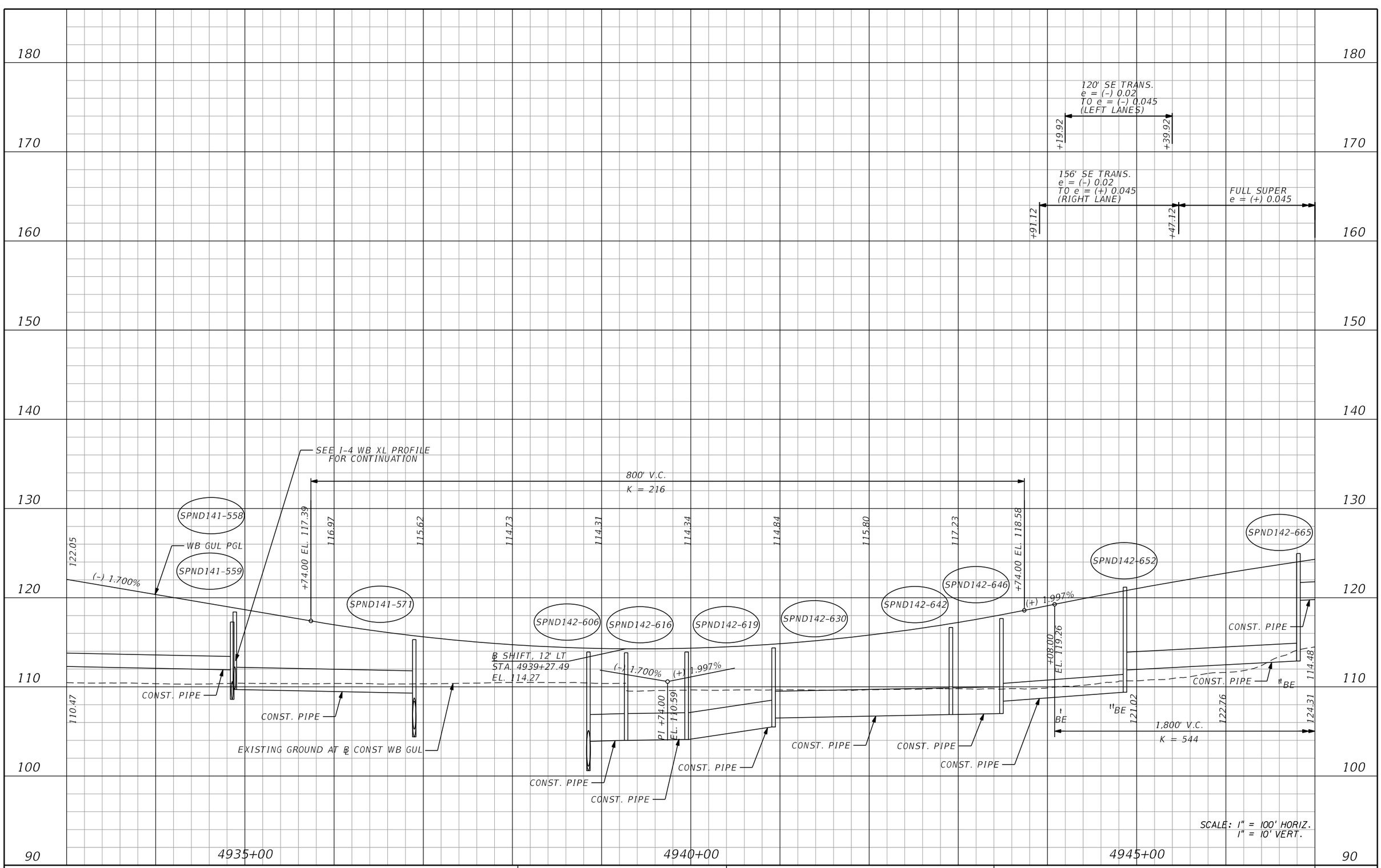
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL
PROFILE SHEET

SHEET NO.
219

glen.dvorovy 2/24/2021 8:31:28 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_GWBI4_020.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

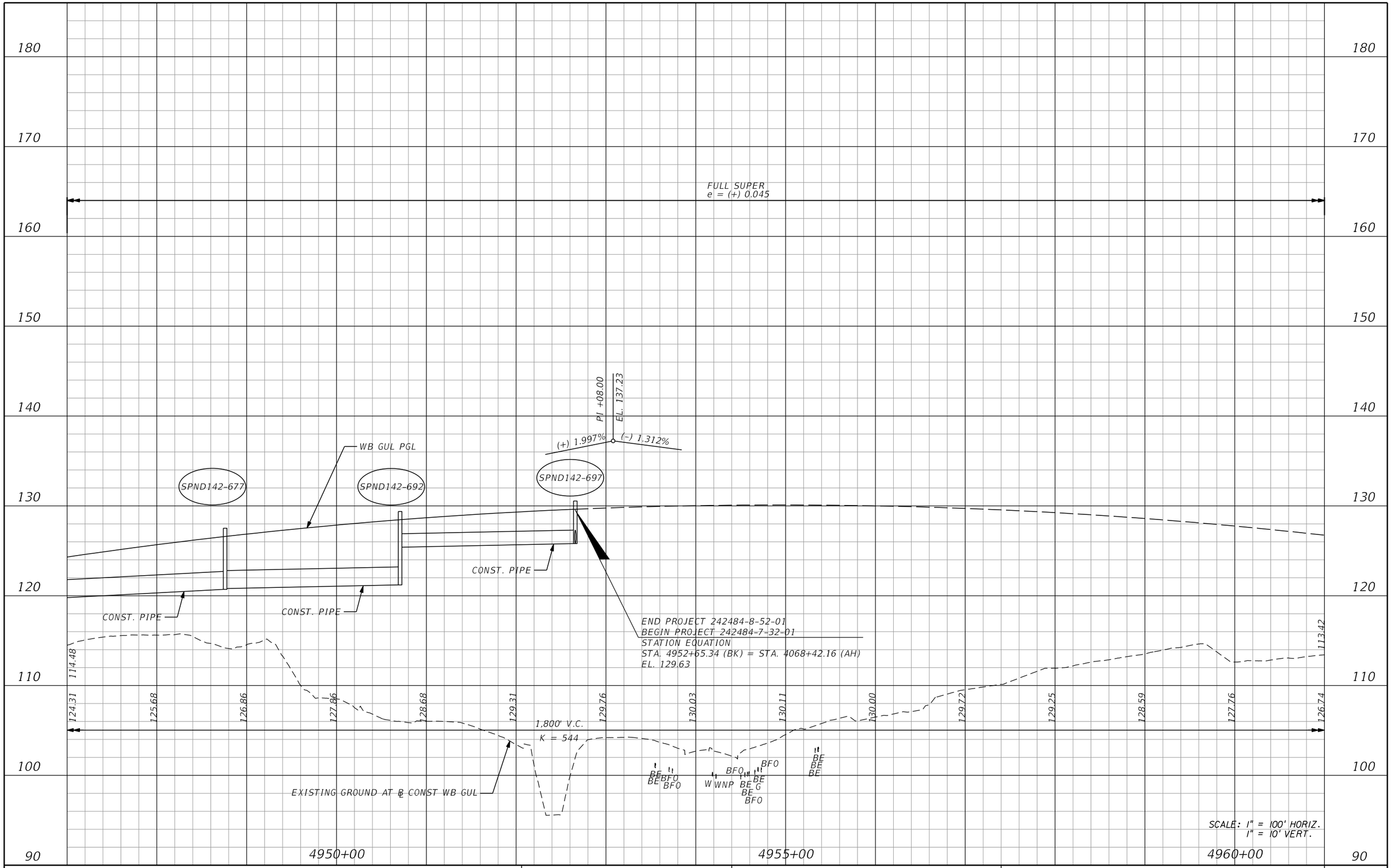
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL PROFILE SHEET

SHEET NO. 220

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/24/2021 8:31:35 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_GWBI4_021.dgn



REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

I-4 WB GUL PROFILE SHEET

SHEET NO. 221

PRELIMINARY: NOT FOR CONSTRUCTION

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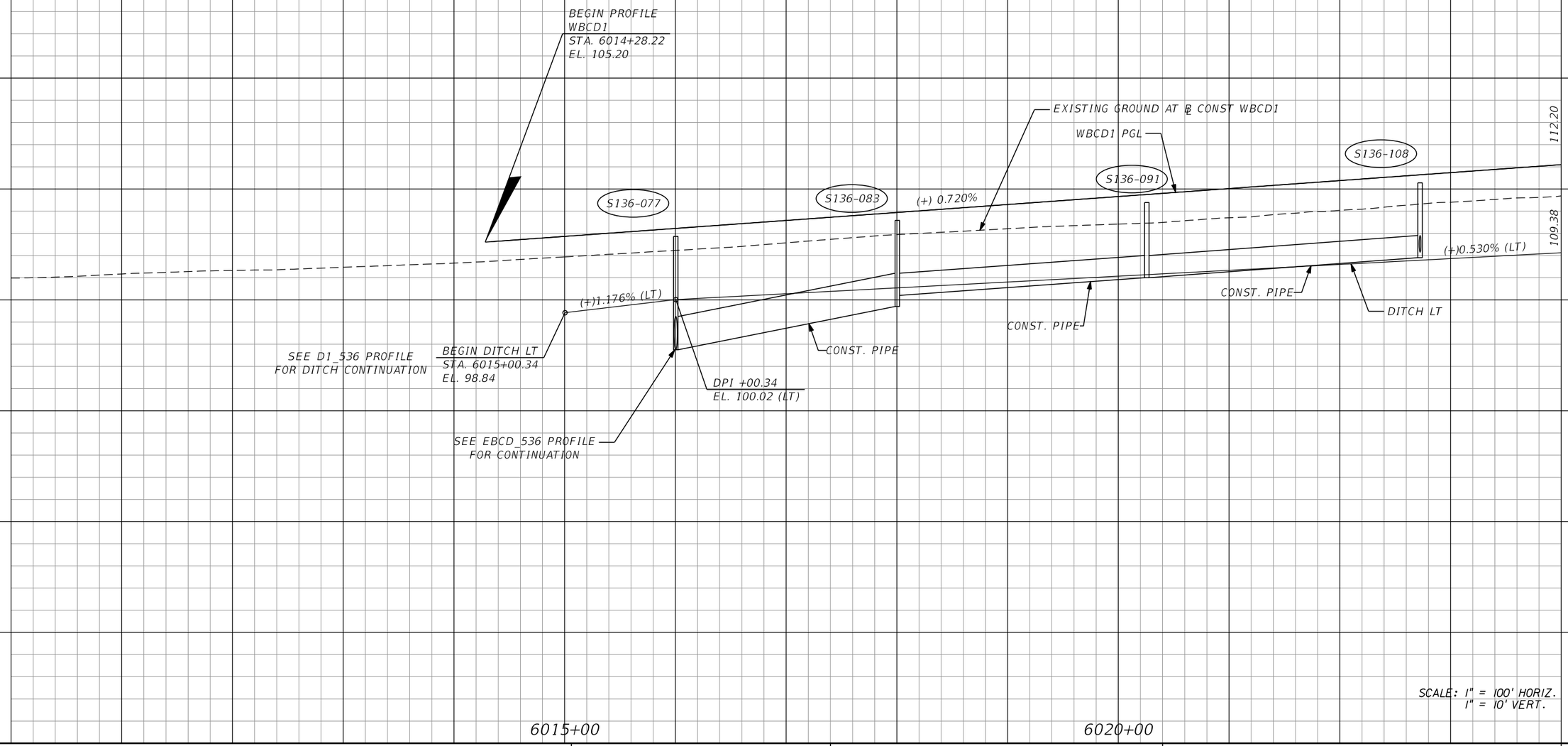

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

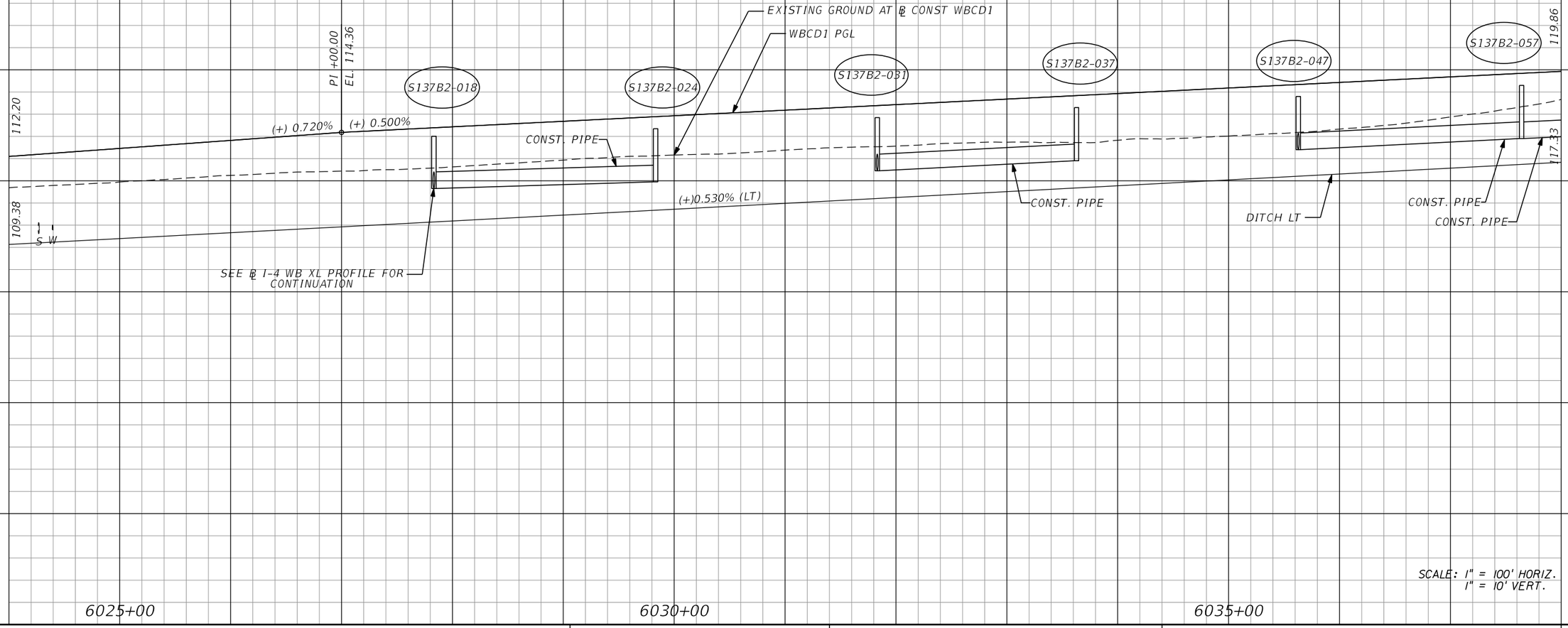
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WBCD1
PROFILE SHEET

SHEET NO. 222

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/25/2021 12:34:52 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_WBCD1_01.dgn



REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WBCD1
PROFILE SHEET

SHEET NO. 223

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/25/2021 12:34:56 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_WBCD1_02.dgn

170
160
150
140
130
120
110
100
90
80

340' V.C.
K = 136

+30.00 EL. 122.51
+70.00 EL. 128.46
+77.50 EL. 131.69
P1 +00.00
EL. 123.36

119.86
117.33
123.04
124.42
126.54
132.35
135.06
137.35
139.25
140.73
110.97

S137B2-068
S137B2-079
S138B1-010
S138B1-014
S138B1-019
S138B1-023

(+) 0.500%
(+) 0.500%
(+) 3.000%
(+) 3.000%
(+)0.530% (LT)

WBCD1 PGL
BEGIN BRIDGE
CONST. PIPE
CONST. PIPE
DITCH LT
CONST. PIPE
CONST. PIPE
END DITCH LT
STA. 6042+98.17
EL. 114.31
SEE ℄ C3 535 PROFILE FOR CONTINUATION
1,095' V.C.
K = 246
EXISTING GROUND AT ℄ CONST WBCD1

6040+00
6045+00
6050+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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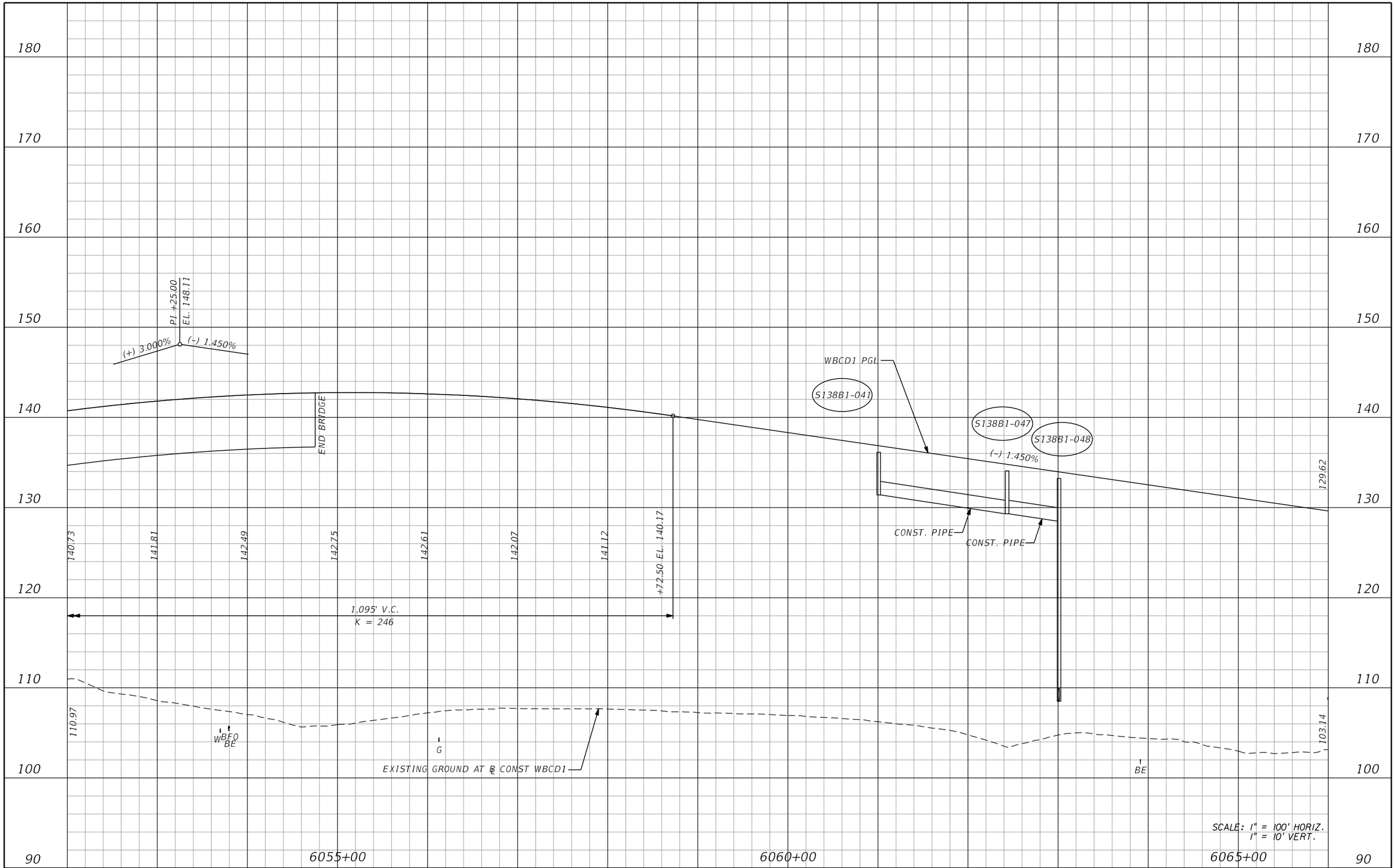
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WBCD1
PROFILE SHEET

SHEET NO. 224

glen.dvorovy 2/25/2021 12:35:00 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_WBCD1_03.dgn



REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

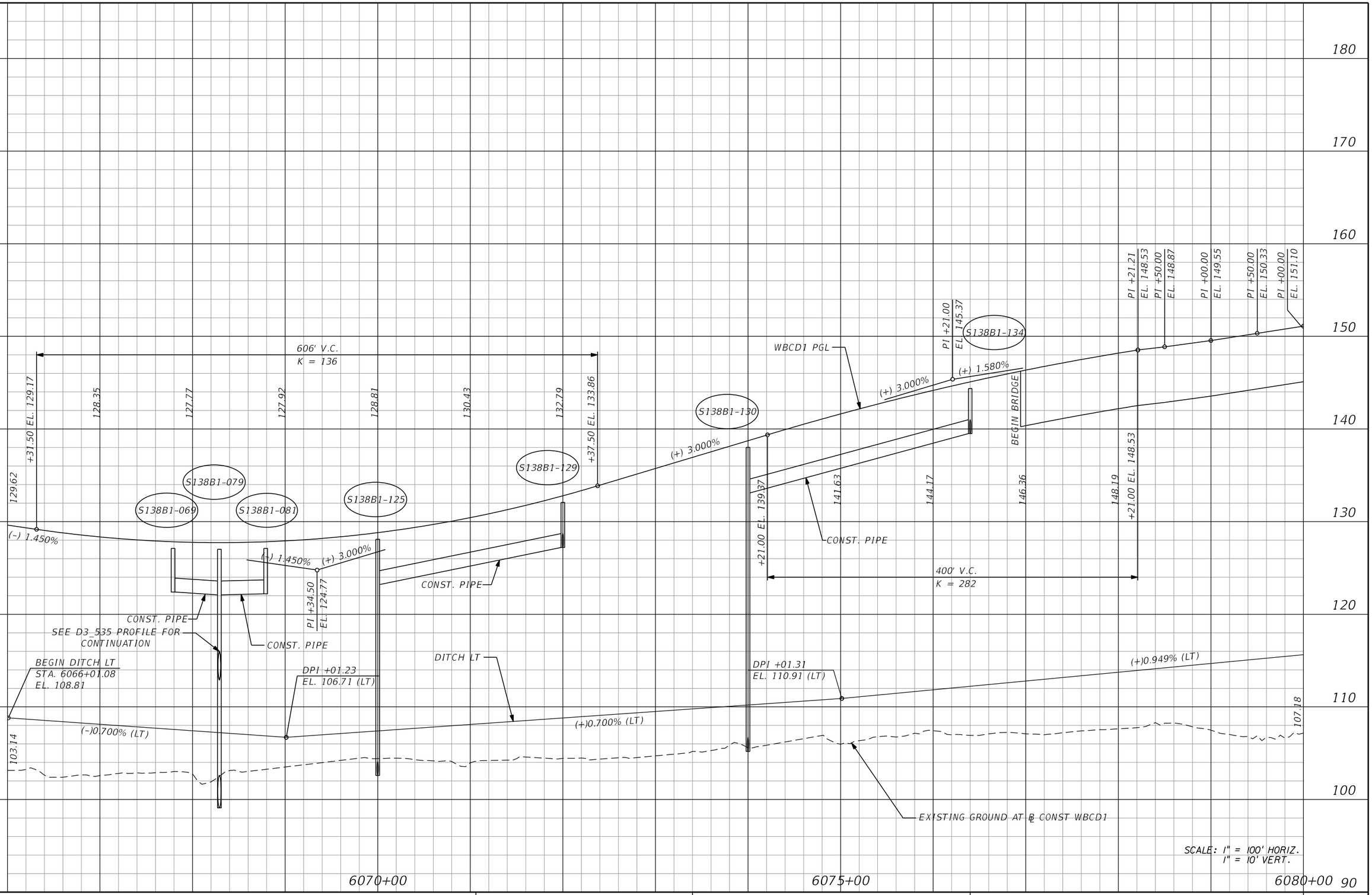
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WBCD1
PROFILE SHEET

SHEET NO. 225

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/25/2021 12:35:04 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_WBCD1_04.dgn



SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WBCD1
PROFILE SHEET

SHEET NO. 226

glen.dvorovy 2/25/2021 12:35:08 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_WBCD1_05.dgn

190
180
170
160
150
140
130
120
110
100

PI +00.00
EL. 151.10
PI +50.00
EL. 151.88
PI +00.00
EL. 152.66
PI +50.00
EL. 153.43
PI +00.00
EL. 154.21
PI +50.00
EL. 154.98
PI +00.00
EL. 155.76
PI +50.00
EL. 156.54
PI +00.00
EL. 157.31
PI +50.00
EL. 158.09

END PROFILE
WBCD1
STA. 6085+00.55
EL. 158.87

WBCD1 PGL

DITCH LT

(+)0.949% (LT)

END DITCH LT
STA. 6082+02.44
EL. 117.56

107.18

EXISTING GROUND AT ℄ CONST WBCD1

6080+00

6085+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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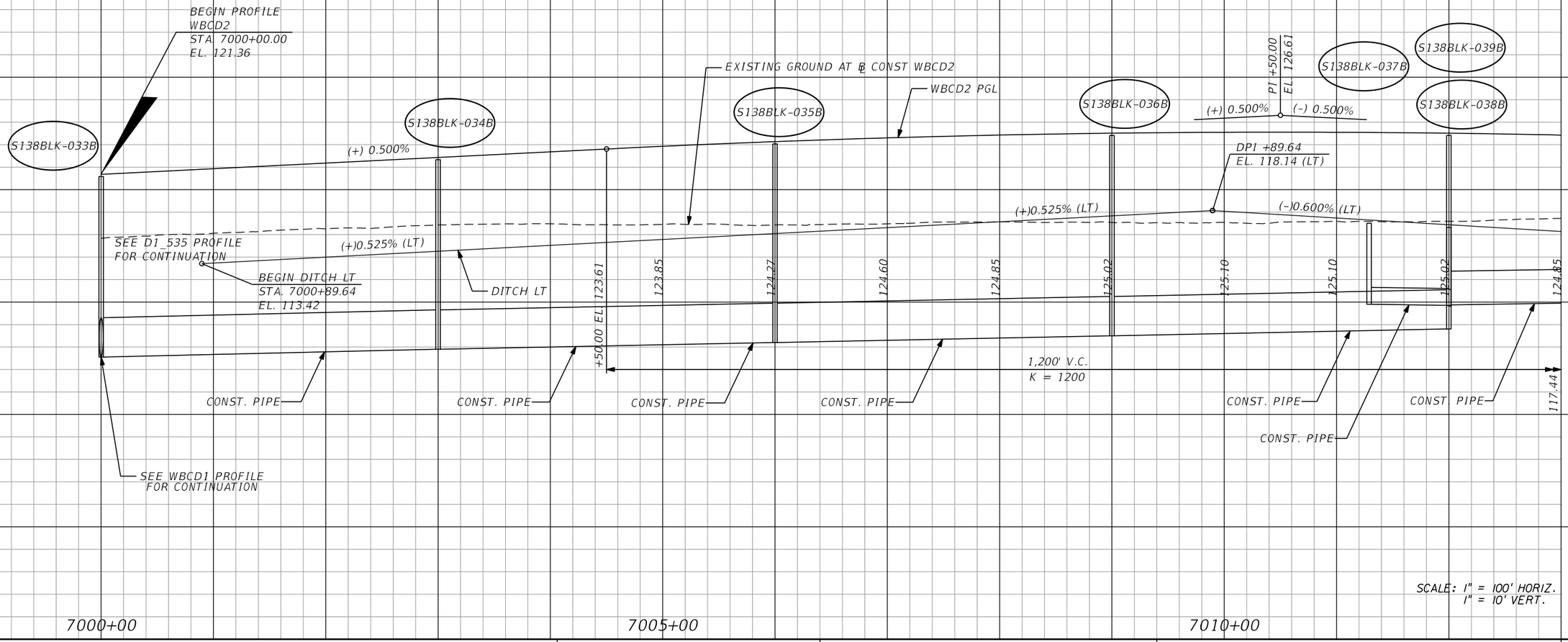
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WBCD1
PROFILE SHEET

SHEET NO.
227

glen.dvorovy 2/25/2021 12:35:12 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_WBCD1_06.dgn



REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

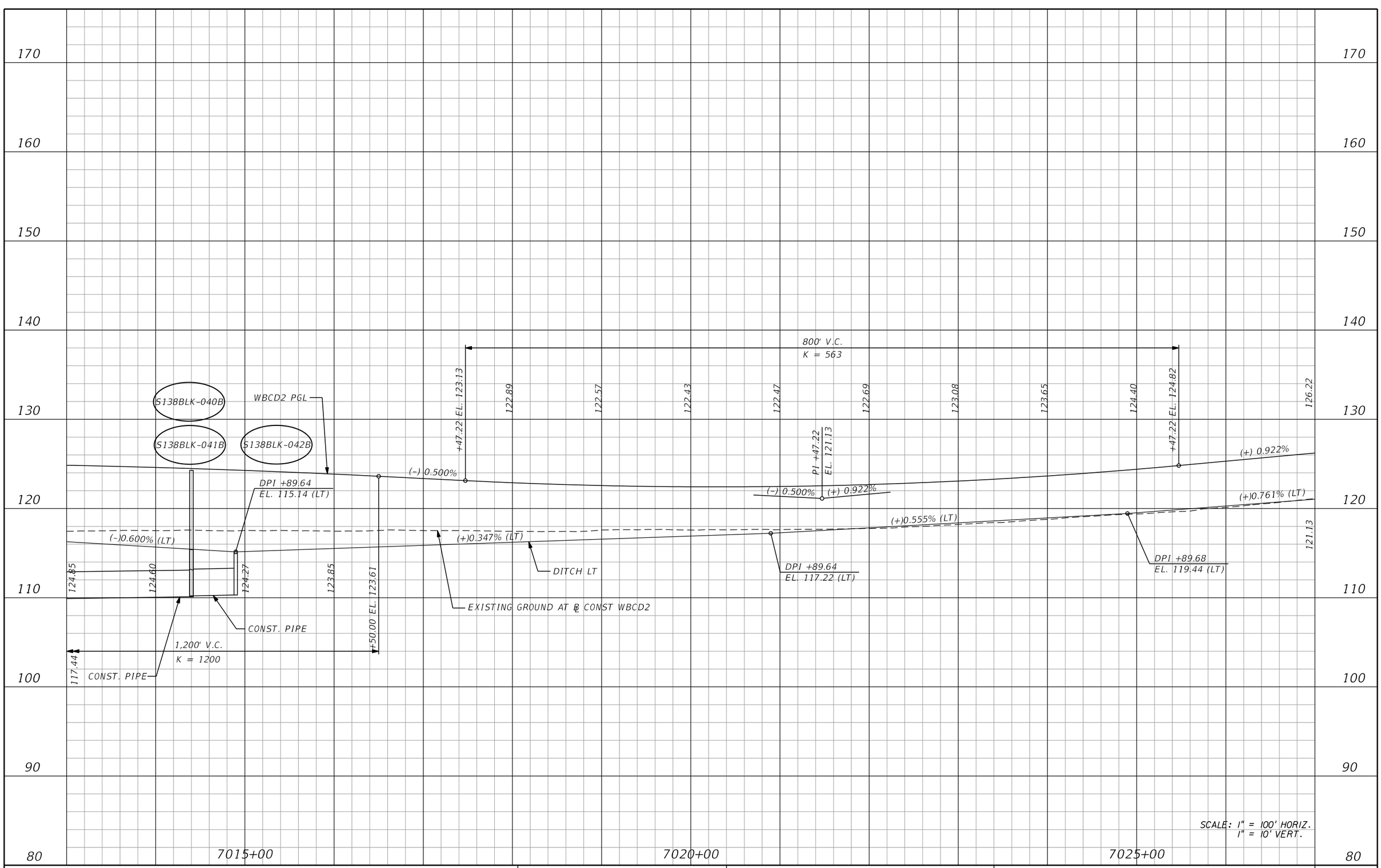
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WBCD2
PROFILE SHEET

SHEET NO. 228

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/24/2021 8:32:11 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_WBCD2_01.dgn



REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WBCD2
PROFILE SHEET

SHEET NO. 229

PRELIMINARY: NOT FOR CONSTRUCTION

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170
160
150
140
130
120
110
100
90
80

WBCD2 PGL

(+) 0.922%

(+)0.761% (LT)

(+)0.100%

DPI +89.70
EL. 130.10 (LT)

END DITCH LT
STA. 7039+89.70
EL. 130.20

DITCH LT

EXISTING GROUND AT ℄ CONST WBCD2

BE

126.22 121.13 W S +26.28 EL. 132.00 132.66 133.48 134.23 134.89 135.48 135.99 136.42 136.77 133.36

1,800' V.C.
K = 1266

7030+00 7035+00 7040+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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Certificate of Authorization No. 8115
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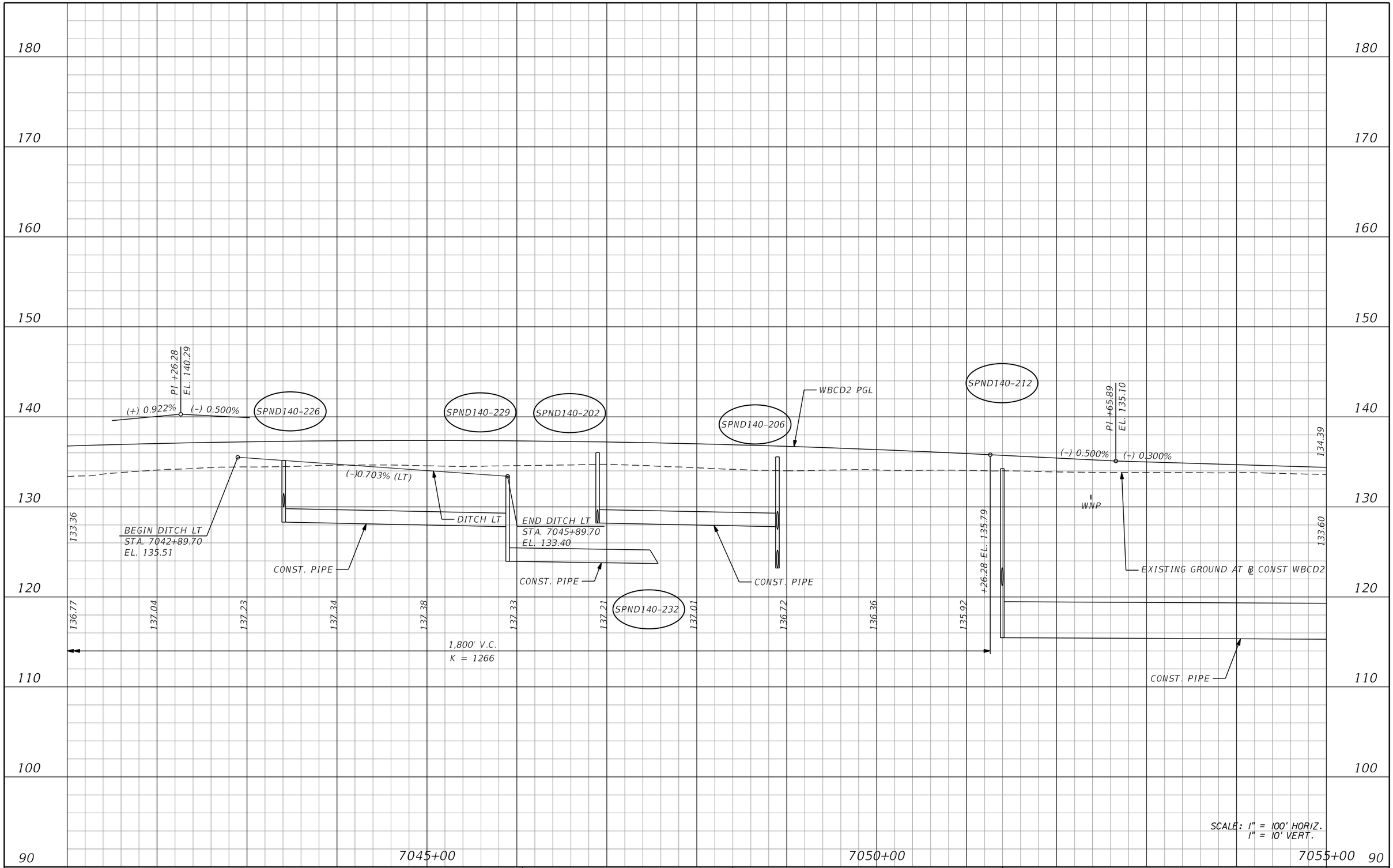
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WBCD2
PROFILE SHEET

SHEET NO.
230

glen.dvorovy 2/24/2021 8:32:18 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_WBCD2_03.dgn



SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WBCD2
PROFILE SHEET

SHEET NO. 231

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170
160
150
140
130
120
110
100
90
80

SPND140-220
SPND141-344
SPND141-342
SPND141-345
SPND141-347B1
SPND141-353
SPND141-360
SPND141-367
SPND141-373C2
SPND141-373C1
SPND141-373
SPND141-385C1
SPND141-385
SPND141-399
SPND141-407
SPND141-399C1

134.39
133.60
128.11
121.54

(-) 0.300%
(-) 0.500%

PI +55.71
EL. 133.33

WBCD2 PGL

EXISTING GROUND AT ℄ CONST WBCD2

BE
BE

CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE

SEE D_DCP PROFILE FOR CONTINUATION

7055+00
7060+00
7065+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WBCD2
PROFILE SHEET

SHEET NO. 232

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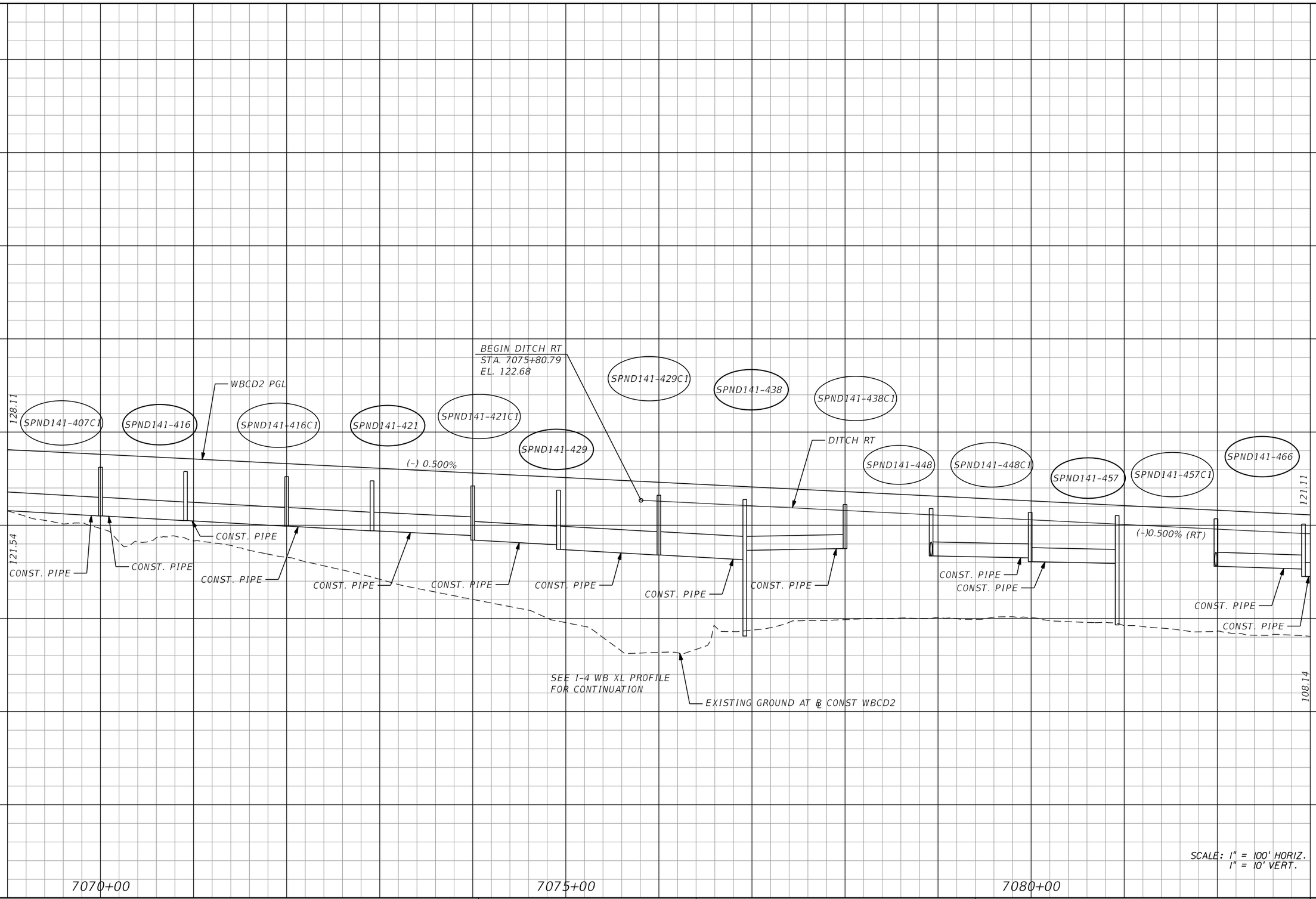

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WBCD2
PROFILE SHEET

SHEET NO. 233

PRELIMINARY: NOT FOR CONSTRUCTION

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160
150
140
130
120
110
100
90
80
70

SPND141-466C1
SPND141-476
SPND141-476C1
SPND141-492
END DITCH RT
STA. 7086+92.54
EL. 117.12
SPND141-505C1
SPND141-520C1
SPND141-538C1
SPND141-552
476' V.C.
K = 136
+22.61 EL. 114.49
114.33
121.11
DITCH RT
(-)0.500% (RT)
SPND141-492C1
SPND141-505
WBCD2 PGL
SPND141-520
(-) 0.500%
SPND141-520C2
SPND141-538
SPND141-548
SPND141-548C1
SPND141-561
CONST. PIPE
SFPC-482C
SFPC-495C
108.14
EXISTING GROUND AT ℄ CONST WBCD2
113.42
SEE I-4 WB GUL PROFILE FOR CONTINUATION
7085+00
7090+00
7095+00
SCALE: I" = 100' HORIZ.
I" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WBCD2
PROFILE SHEET

SHEET NO. 234

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170
160
150
140
130
120
110
100
90
80

108' SE TRANS
e = (-) 0.02
TO e = (+) 0.00

183.60' SE TRANS
e = (+) 0.00
TO e = (-) 0.034

FULL SUPER
e = (-) 0.034

291.60' SE TRANS
e = (-) 0.034
TO e = (+) 0.02

226.80' SE TRANS
e = (+) 0.02
TO e = (+) 0.062

+61.84
+69.84
+53.44
+51.91
+40.44

℄ SHIFT 24' LT

END PROJECT 242484-8-52-01
BEGIN PROJECT 242484-7-32-01
BEGIN WBCD2 BRIDGE STATION EQUATION
STA. 7110+93.87 (BK) = 1396+52.94 (AH)
EL. 150.30

SPND142-681
150.48
BEGIN BRIDGE
SPND142-669
SPND142-656
WBCD2 PGL
CONST. PIPE
WBCD2 BRIDGE BY OTHERS
CONST. PIPE

476' V.C.
K = 136

℄ SHIFT, 24' LT
STA. 7101+69.84
EL. 122.58

SEE A_CFP PROFILE
FOR CONTINUATION

(+) 3.000%

114.33
114.76
115.93
117.84
+98.61 EL. 120.44
PI +60.61
EL. 113.30

SPND142-621
SPND142-632
SPND141-566

(-) 0.500%
(+) 3.000%
(-)0.120% (LT)
DITCH LT
CONST. PIPE
DPI +95.69
EL. 113.64 (LT)
(-)0.057% (LT)
(-)0.446% (LT)
EXISTING GROUND AT ℄ CONST WBCD2
115.23
(+)0.096% (LT)
BE
BEGIN DITCH LT
STA. 7099+94.97
EL. 114.50
END DITCH LT
STA. 7100+95.06
EL. 114.38
BEGIN DITCH LT
STA. 7102+25.00
EL. 113.68
DITCH LT
DPI +86.06
EL. 111.90 (LT)
END DITCH LT
STA. 7111+00.87
EL. 112.30
CONST. PIPE

SPND142-609
SPND142-608
113.42
CONST. PIPE
SEE A_CFP PROFILE
FOR CONTINUATION

7100+00
7105+00
7110+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WBCD2
PROFILE SHEET

SHEET NO. 235

glen.dvorovy 2/24/2021 8:32:41 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_WBCD2_08.dgn

FULL SUPER
e = (+) 0.062

+67.24

226.80' SE TRANS
e = (+) 0.02
TO e = (+) 0.062

PI +90.88
EL. 171.21

(+) 3.000%

(-) 1.691%

WBCD2 PGL

(+) 3.000%

WBCD2 BRIDGE BY OTHERS

150.48

+90.88 EL. 153.21

153.48

156.25

158.63

160.62

162.21

163.42

164.23

164.66

164.69

164.33

163.58

162.44

+90.88 EL. 161.07

K = 256
1,200' V.C.

115.23

BE

EXISTING GROUND AT ℄ CONST WBCD2

W
WNP

G
BFOBE
BFOBE
BFOBE

116.52

180
170
160
150
140
130
120
110
100

7115+00

7120+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WBCD2
PROFILE SHEET

SHEET NO. 236

glen.dvorovy 2/24/2021 8:32:44 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_WBCD2_09.dgn

150
140
130
120
110
100
90
80
70
60

236.25' SE TRANS.
e = (+) 0.09
TO e = 0.00

210' SE TRANS.
e = 0.00
TO e = (-) 0.07

FULL SUPER
e = (-) 0.07

240' SE TRANS.
e = (-) 0.07
TO e = (+) 0.02

+18.40

+28.40

+21.44

+61.44

BEGIN PROJECT 242484-8-52-01
END PROJECT 431456-1-52-01
STA. 532+56.25
EL. 123.93

END BRIDGE

(-) 2.900%

PI +00.00
EL. 113.96

(-) 3.155%

RAMP A3_OP PGL

400' V.C.
K = 104

+70.00 EL. 95.98

95.08

92.69

91.27

90.82

89.26

S130-202

S130-213

S130-218

(-) 3.155%

(+) 0.700%

EXISTING GROUND AT ℄ RAMP A3_OP

(+)1.964% (LT)

(+)1.952% (LT)

(+)0.050% (LT)

BE

PI +70.00
EL. 89.67

DITCH LT

BEGIN DITCH (LT)
STA. 540+41.20
EL. 84.40

DPI +73.55
EL. 87.00 (LT)

DPI +75.77
EL. 89.00 (LT)

CONST. PIPE
CONST. PIPE

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

535+00

540+00

545+00

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A3_OP PROFILE SHEET

SHEET NO. 237

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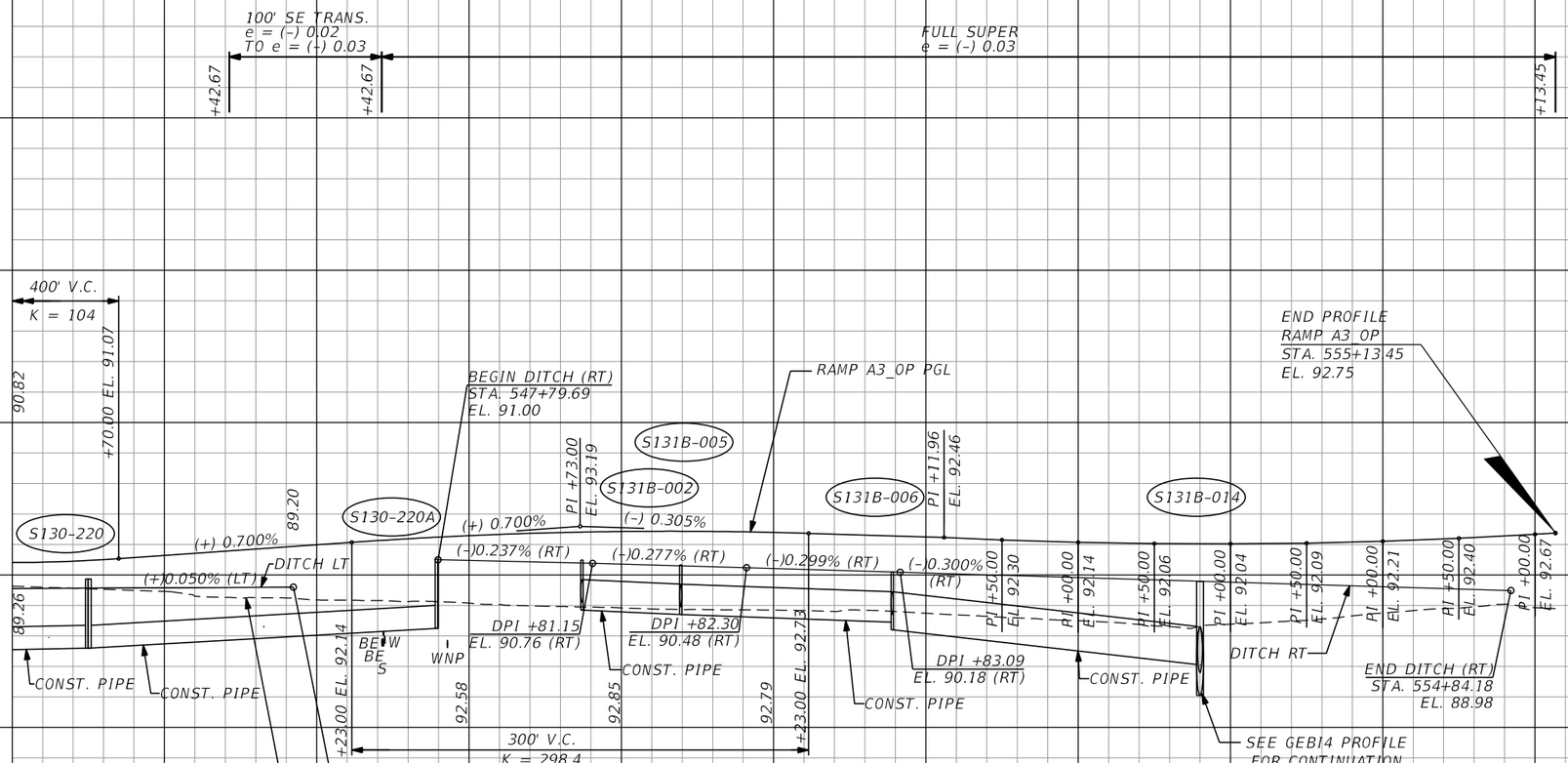

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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SR 400	ORANGE	242484-8-52-01

RAMP A3_OP PROFILE SHEET

SHEET NO. 238

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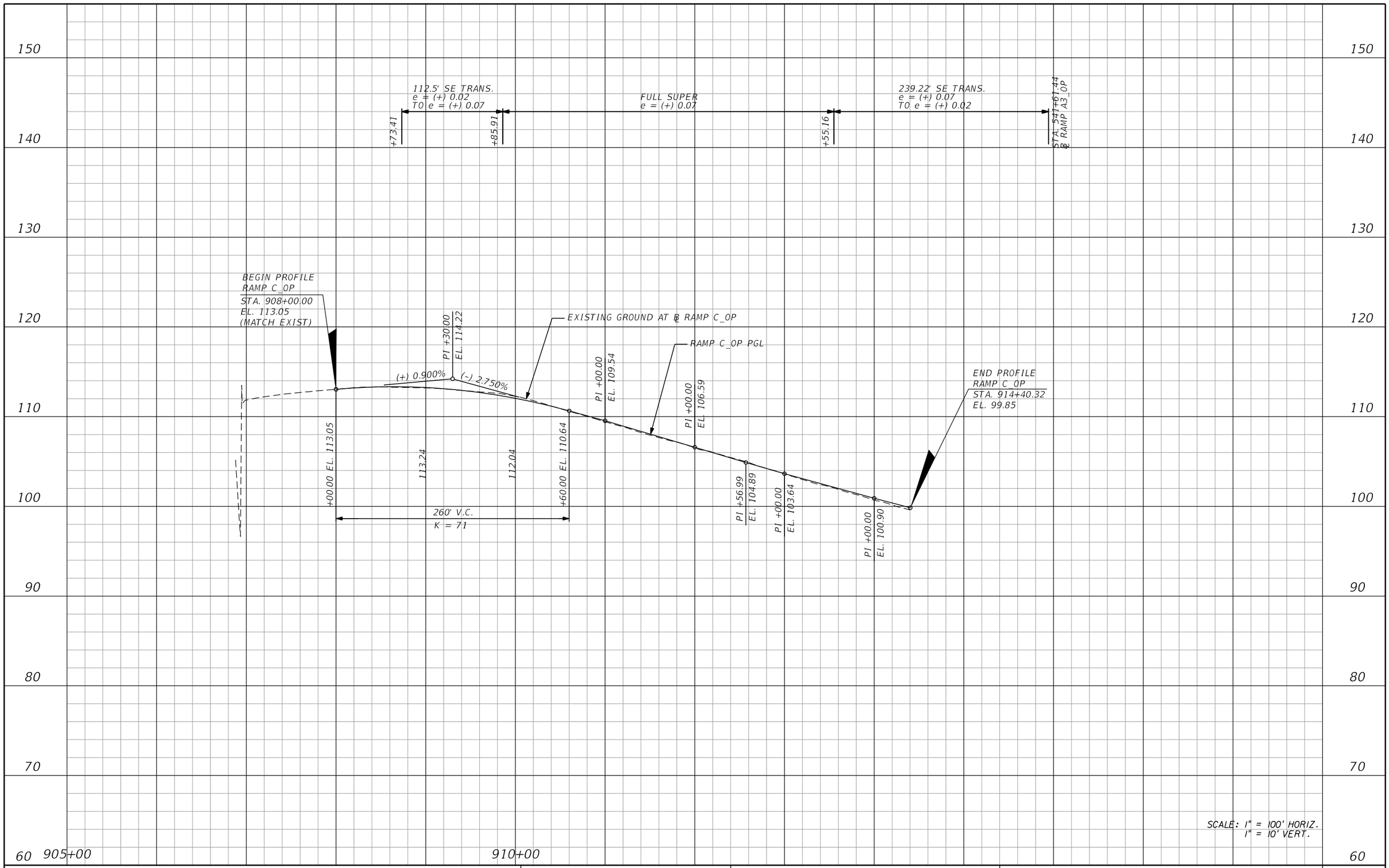

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C_OP PROFILE SHEET

SHEET NO. 239

140
130
120
110
100
90
80
70
60
50

100' SE TRANS.
e = (+) 0.02
TO e = (+) 0.025

+10.57

+10.57

FULL SUPER
e = (+) 0.025

200' V.C.
K = 111

+65.00 EL. 91.18

BEGIN PROJECT 242484-8-52-01
END PROJECT 431456-1-52-01
STA. 1017+93.73
EL. 91.82

(+) 0.500%

(+) 0.500%

RAMP D1_OP PGL

(+) 0.500%

+54.52 EL. 97.13

97.32

97.50

94.50

300' V.C.
K = 300

EXISTING GROUND AT ℄ RAMP D1_OP

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

1020+00

1025+00

1030+00

140
130
120
110
100
90
80
70
60
50

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_OP PROFILE SHEET

SHEET NO. 240

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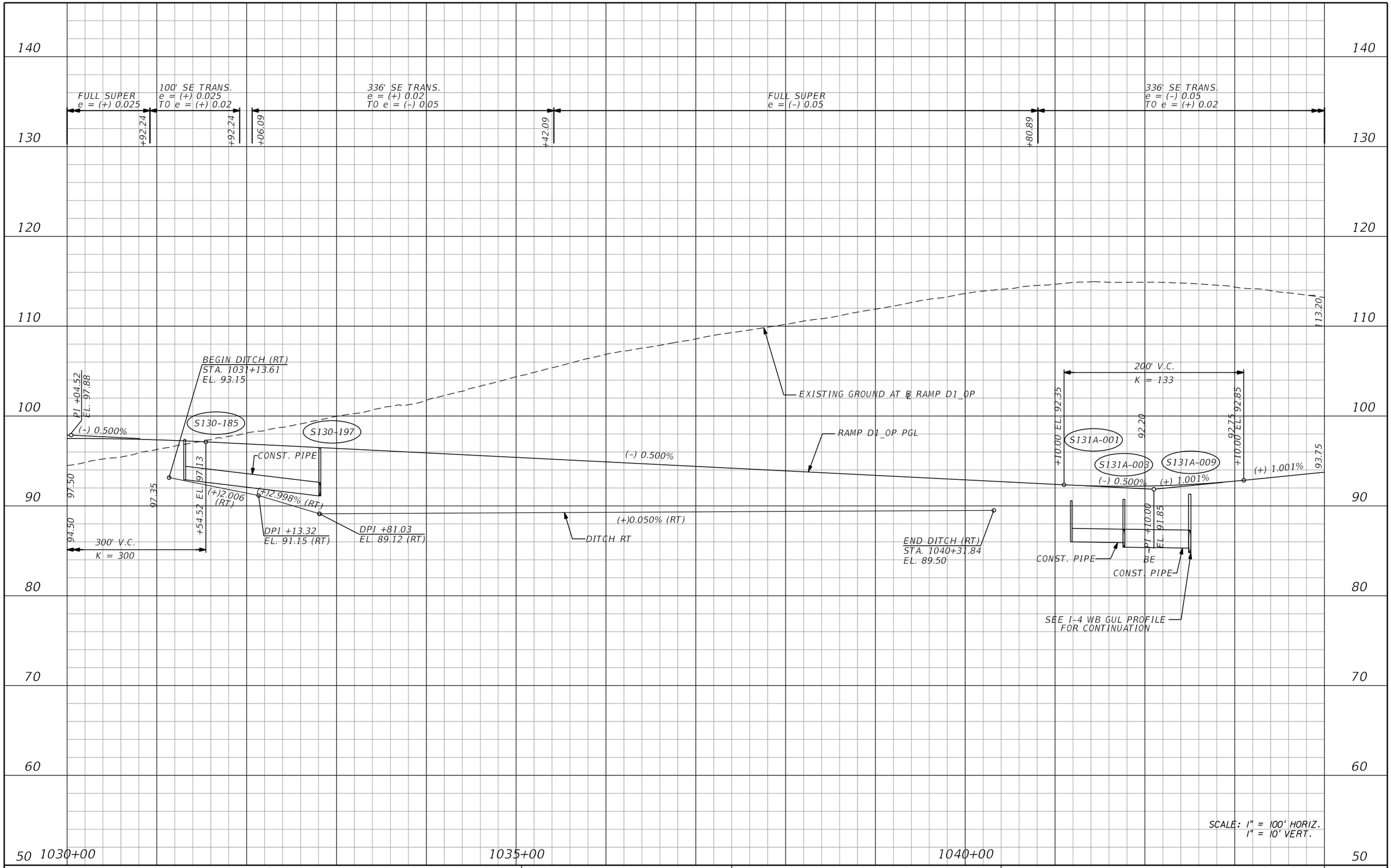

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_OP PROFILE SHEET

SHEET NO. 241

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336' SE TRANS.
e = (-) 0.05
T0 e = (+) 0.02

100' SE TRANS.
e = (+) 0.02
T0 e = (+) 0.03

FULL SUPER
e = (+) 0.03

100' SE TRANS.
e = (+) 0.03
T0 e = (+) 0.02

100' SE TRANS.
e = (+) 0.02
T0 e = (+) 0.03

+16.89 | +97.61 | +97.61 | +85.37 | +85.37 | +30.00 | +30.00

140 130 120 110 100 90 80 70 60 50

113.20

93.75

(+) 1.001%

PI +45.00
EL. 97.21

(+) 1.001%

(-) 0.500%

+95.00 EL. 95.70

95.75

96.48

96.71

+95.00 EL. 96.46

300' V.C.
K = 200

RAMP D1_0P PGL

S131A-025

(-) 0.500%

CONST. PIPE

CONST. PIPE

CONST. PIPE

PI +11.00
EL. 93.37

200' V.C.
K = 200

+11.00 EL. 93.88

93.63

93.82

+11.00 EL. 93.87

S131A-036

S131A-042

S131A-045

(-) 0.500%

(+) 0.500%

(+) 0.500%

94.82

85.24

EXISTING GROUND AT ℄ RAMP D1_0P

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

1045+00 1050+00 1055+00

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_OP PROFILE SHEET

SHEET NO. 242

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140
130
120
110
100
90
80
70
60
50

RAMP D1_0P PGL

S132-003

94.82

(+) 0.500%

P I +00.00
EL. 95.32

CONST. PIPE

85.24

S132-010

CONST. PIPE

SEE E1_536 PROFILE
FOR CONTINUATION

S132-014

EXISTING GROUND AT ℄ RAMP D1_0P

(3) 48" PIPES

EL. 82.63

BE

P I +50.00
EL. 95.58

P I +00.00
EL. 95.82

P I +50.00
EL. 96.04

P I +00.00
EL. 96.25

P I +76.89
EL. 96.55

P I +00.00
EL. 96.64

P I +50.00
EL. 96.82

P I +00.00
EL. 96.98

P I +50.00
EL. 97.13

P I +00.00
EL. 97.27

P I +50.00
EL. 97.38

P I +00.00
EL. 97.49

P I +50.00
EL. 97.57

P I +00.00
EL. 97.65

P I +59.06
EL. 97.71

P I +00.00
EL. 97.74

P I +50.00
EL. 97.77

P I +00.00
EL. 97.78

P I +50.00
EL. 97.78

P I +00.00
EL. 97.76

END PROFILE
RAMP D1_0P
STA. 1069+63.12
EL. 97.71

1060+00

1065+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_OP PROFILE SHEET

SHEET NO. 243

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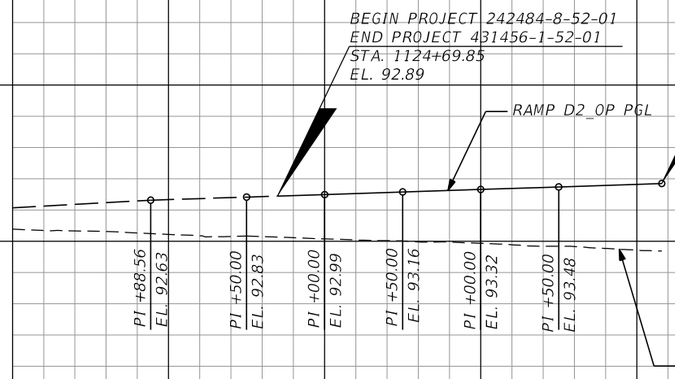
130
120
110
100
90
80
70
60
50
40



1125+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D2_OP PROFILE SHEET

SHEET NO. 244

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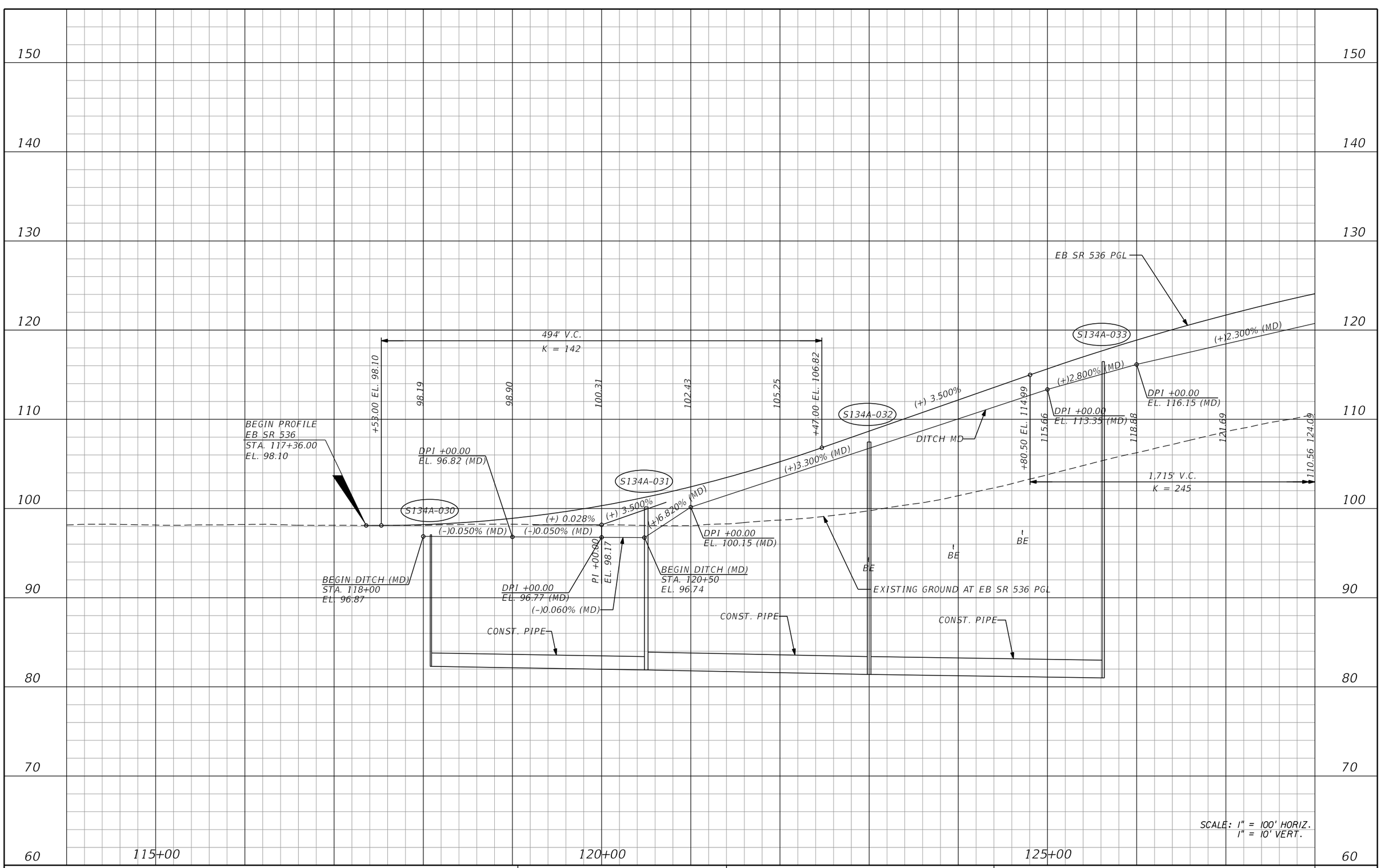

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EB SR 536
PROFILE SHEET

SHEET NO. 245

PRELIMINARY: NOT FOR CONSTRUCTION

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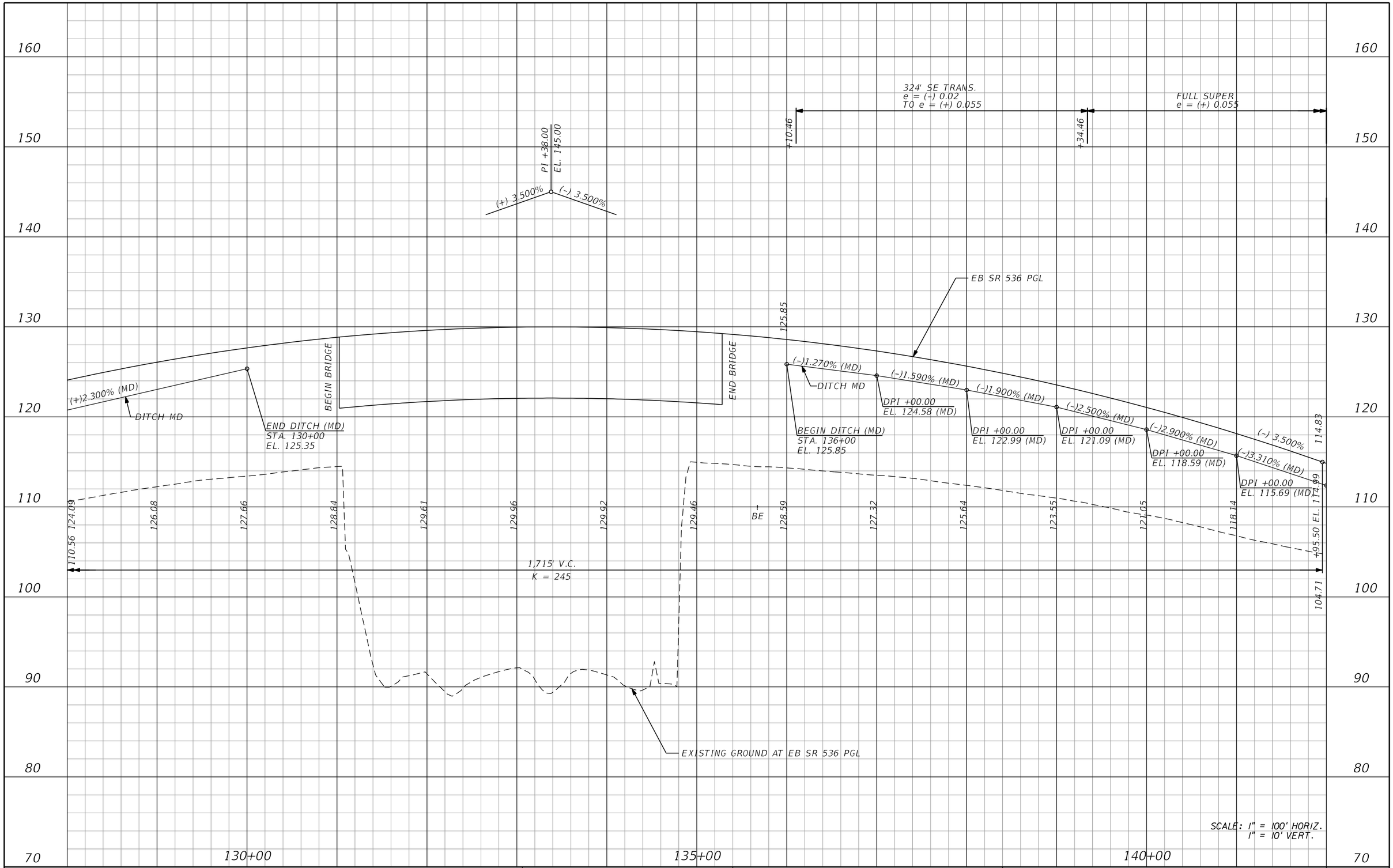

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EB SR 536
PROFILE SHEET

SHEET NO. 246

PRELIMINARY: NOT FOR CONSTRUCTION

150
140
130
120
110
100
90
80
70
60

FULL SUPER
e = (+) 0.055

+78.13

324' SE TRANS.
e = (+) 0.055
TO e = (–) 0.02

+02.13

472' V.C.
K = 140

114.83

+22.00 EL. 110.56

108.05

105.46

103.58

102.42

+94.00 EL. 101.98

98.27

(–) 3.500%

(–)3.500% (MD)

DPI +00.00
EL. 112.38 (MD)

(–)3.440% (MD)

DPI +00.00
EL. 108.88 (MD)

EB SR 536 PGL

END PROFILE
EB SR 536
STA. 148+28.00
EL. 101.93

(–)2.860% (MD)

(–)2.150% (MD)

(–) 3.500%

(–) 0.157%

104.71

DPI +00.00
EL. 105.44 (MD)

PI +58.00
EL. 102.30

DPI +00.00
EL. 102.58 (MD)

(–)1.440% (MD)

DPI +00.00
EL. 100.43 (MD)

DITCH MD

(–)0.720% (MD)

DPI +00.00
EL. 98.99 (MD)

END DITCH (MD)
STA. 148+00.00
EL. 98.27

EXISTING GROUND AT EB SR 536 PGL

BE

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

145+00 150+00 155+00

REVISIONS

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EB SR 536
PROFILE SHEET

SHEET NO. 247

PRELIMINARY: NOT FOR CONSTRUCTION

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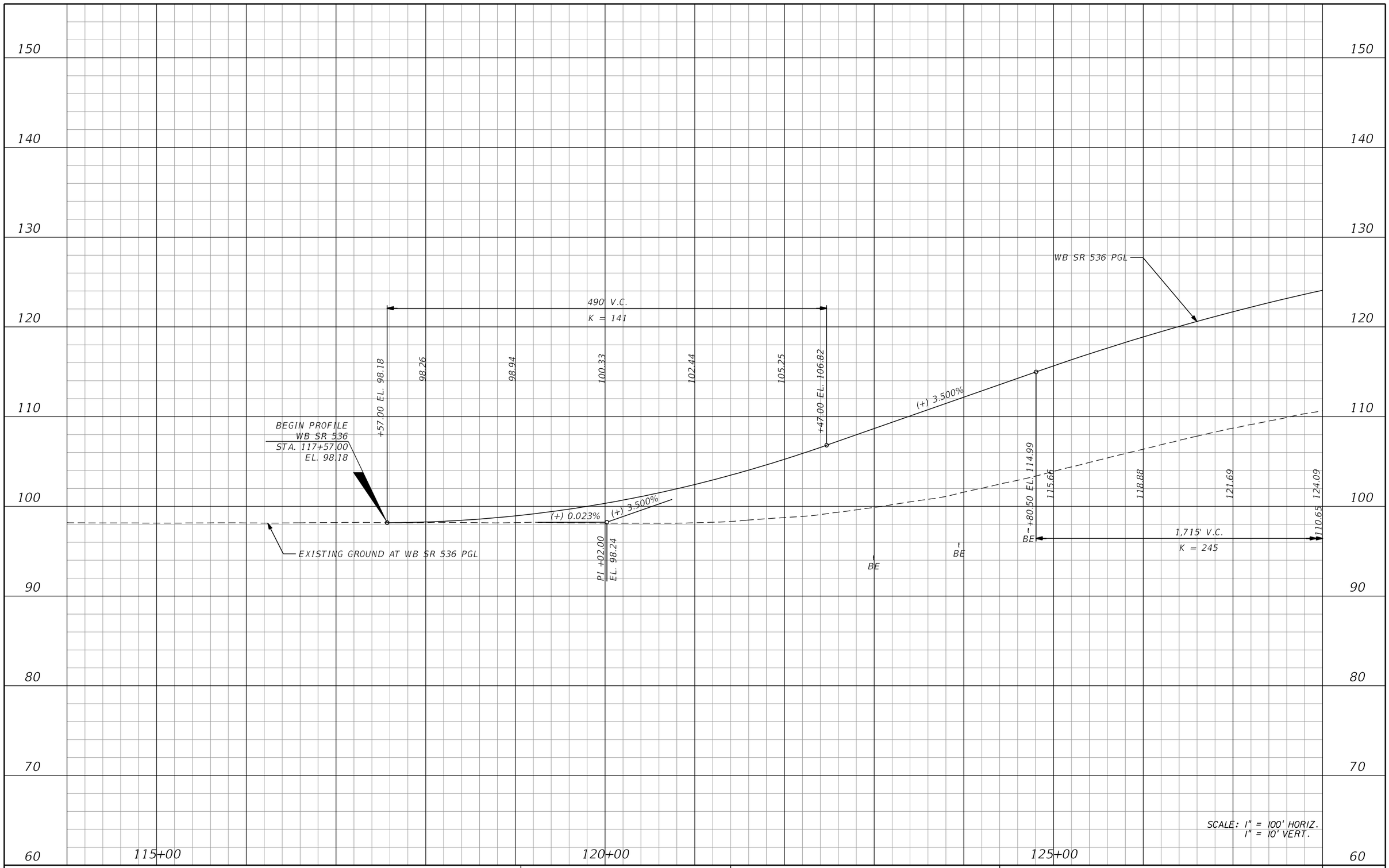

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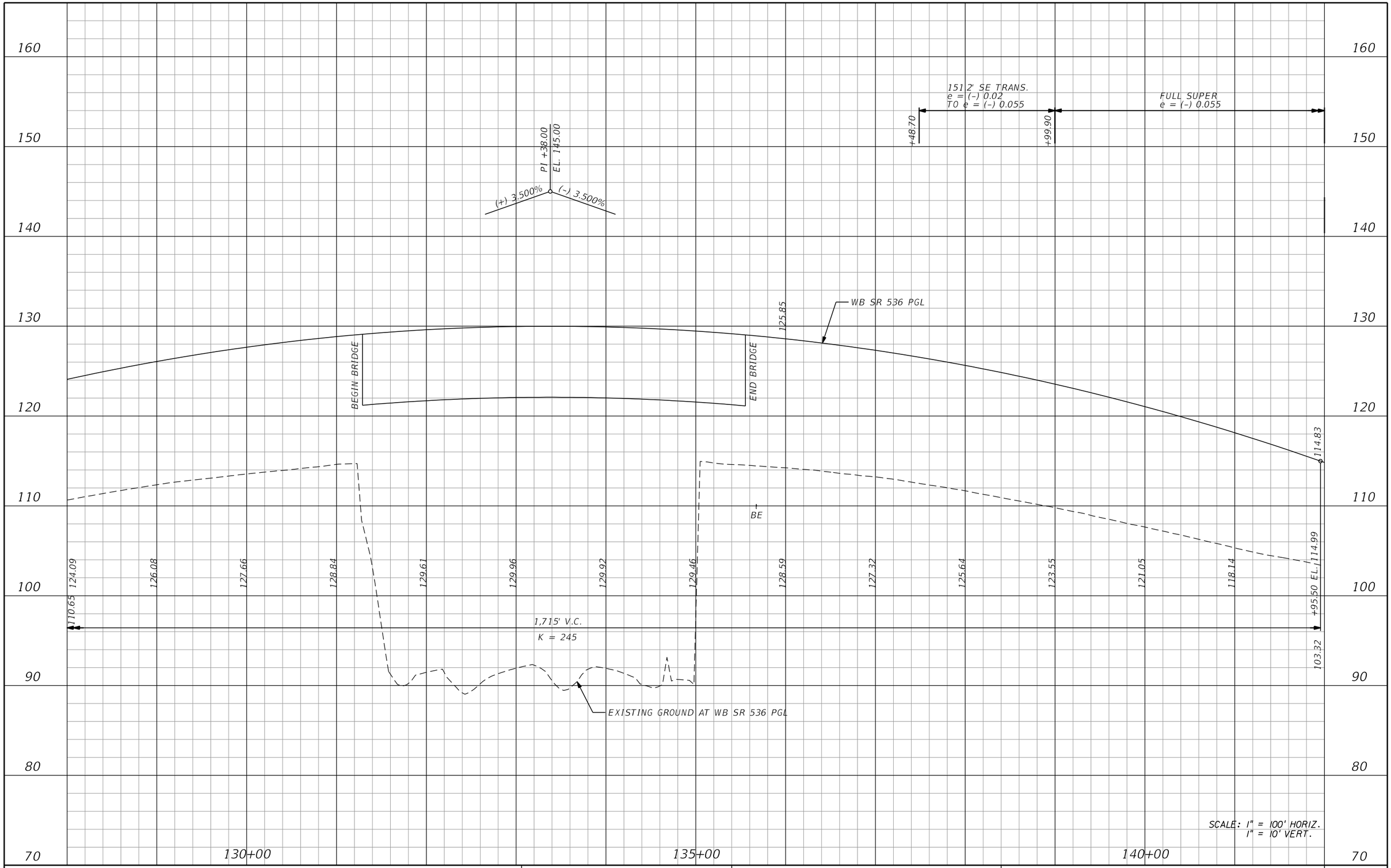
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WB SR 536
PROFILE SHEET

SHEET NO. 248

PRELIMINARY: NOT FOR CONSTRUCTION



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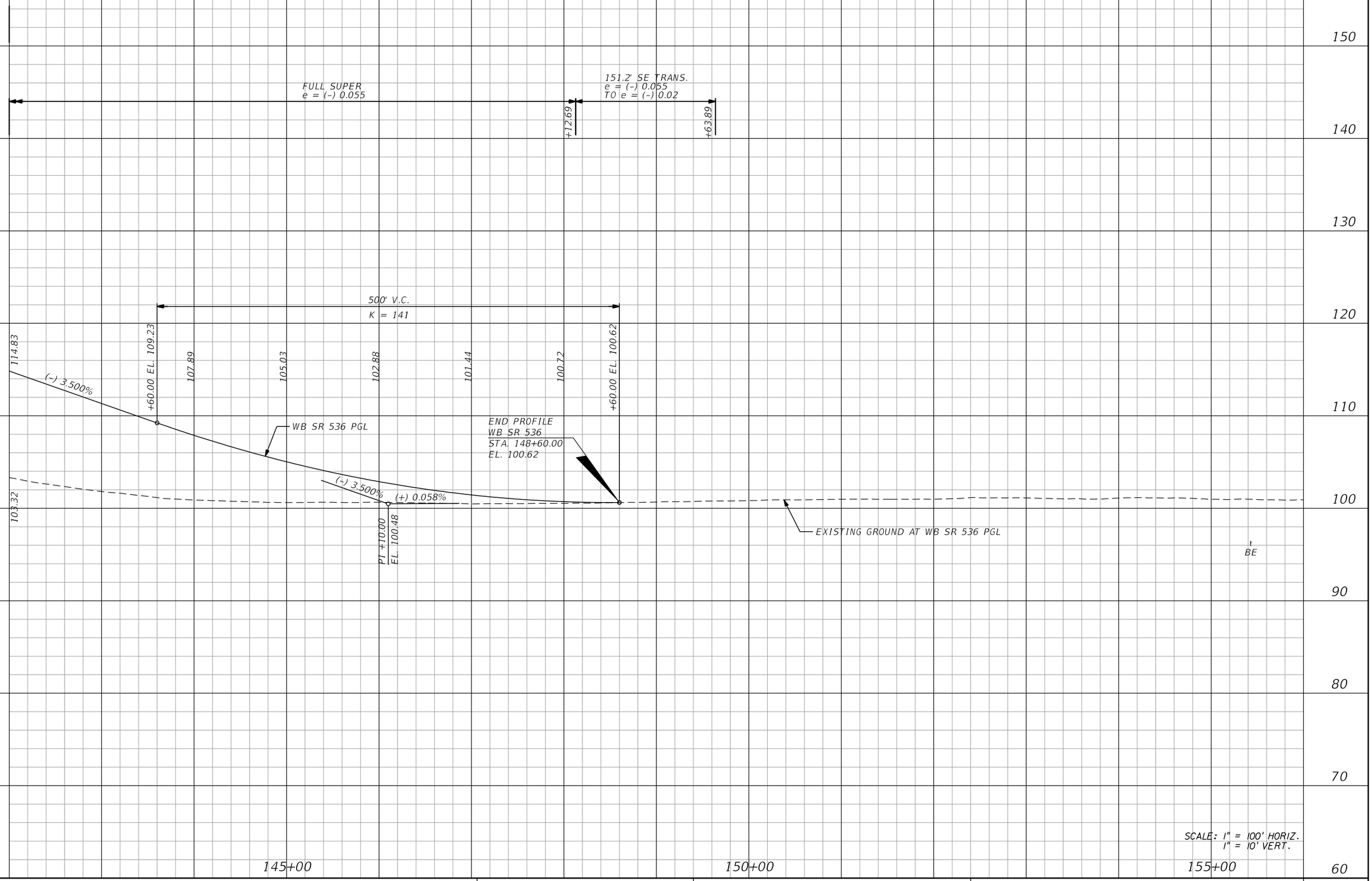
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WB SR 536
PROFILE SHEET

SHEET NO. 249

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WB SR 536
PROFILE SHEET

SHEET NO. 250

PRELIMINARY: NOT FOR CONSTRUCTION

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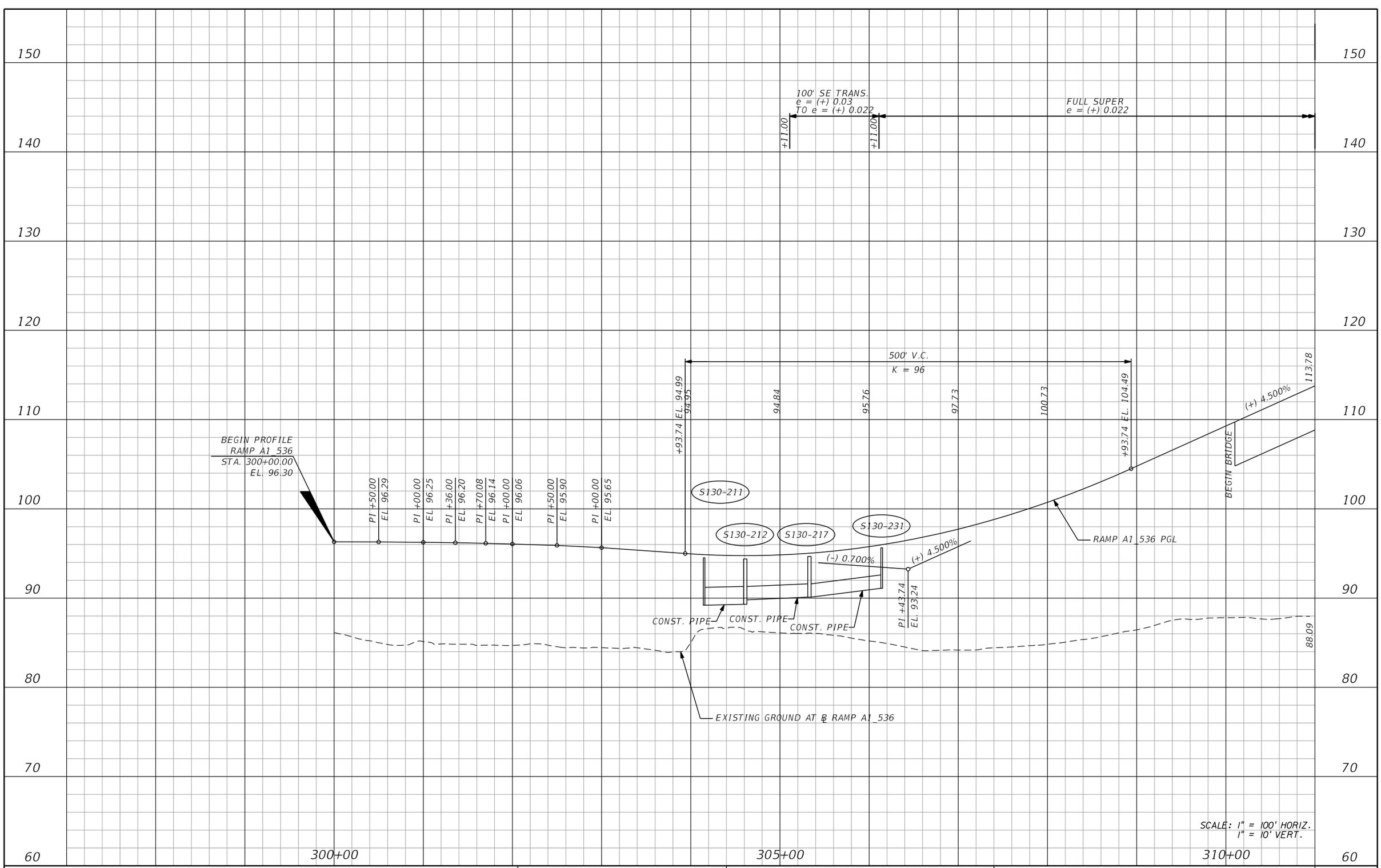

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A1_536 PROFILE SHEET

SHEET NO. 251

PRELIMINARY: NOT FOR CONSTRUCTION

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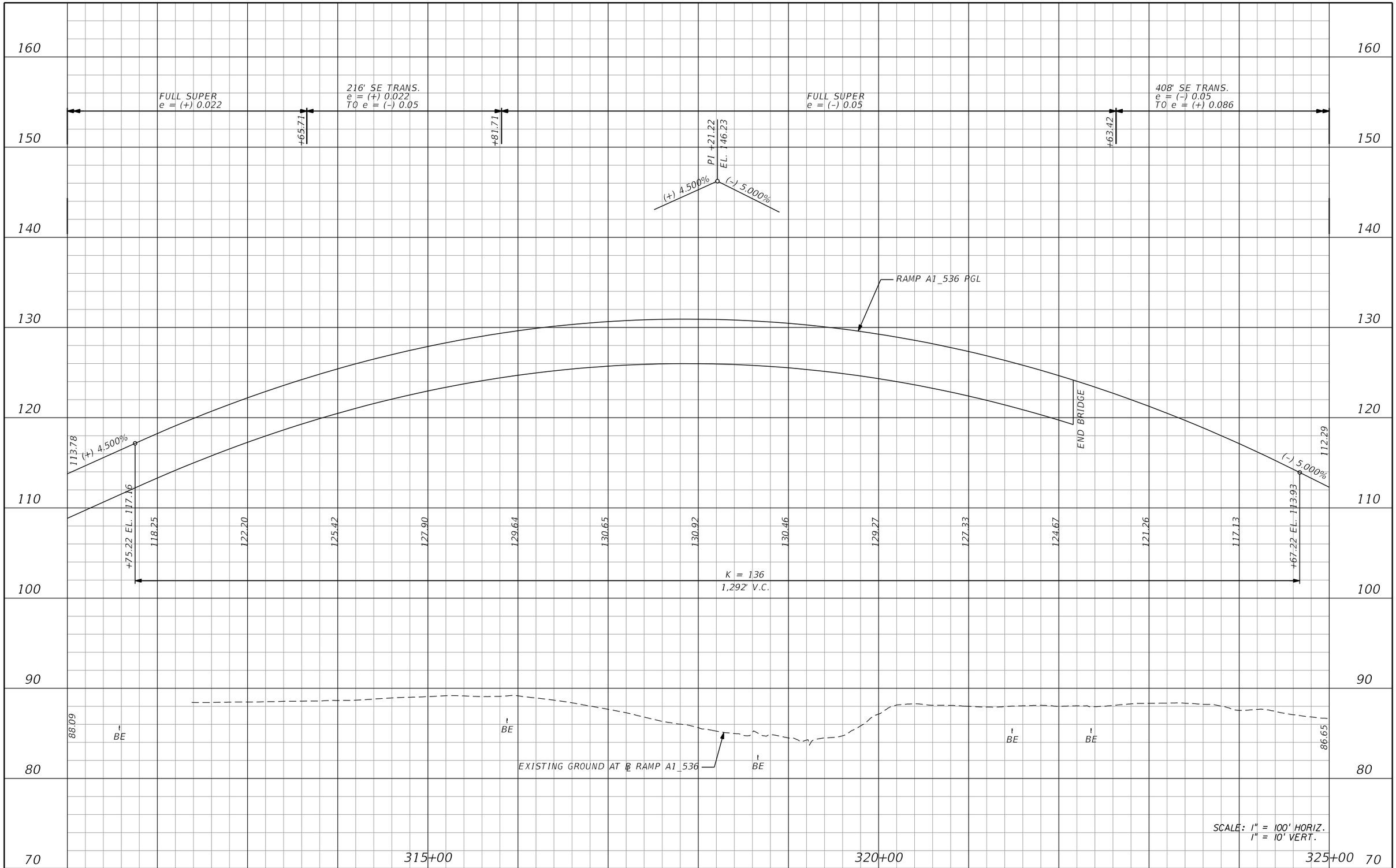

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A1_536
PROFILE SHEET

SHEET NO. 252

PRELIMINARY: NOT FOR CONSTRUCTION

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408' SE TRANS.
e = (-) 0.05
TO e = (+) 0.086

FULL SUPER
e = (+) 0.086

168' SE TRANS.
e = (+) 0.086
TO e = (+) 0.03

+71.42

+15.45

+83.45

K = 100
690' V.C.

112.29

+96.00 EL. 107.49
107.29

102.83

99.37

96.91

95.45

94.99

95.53

+86.00 EL. 96.80

(-) 5.000%

S131A-053

S131A-055

S131A-056

S131A-058

S131A-060

RAMP A1_536 PGL

(+) 1.900%

S131A-062

S131A-063

(+) 1.900%

(-) 1.592%

S131A-065

S131A-066

P.I. +35.00
EL. 101.53

P.I. +00.00
EL. 97.31

P.I. +00.00
EL. 95.86

(+) 1.900%

P.I. +50.00
EL. 96.49

94.43

BE

BE

(-) 5.000%

(+) 1.900%

P.I. +41.00
EL. 90.24

CONST. PIPE

CONST. PIPE

CONST. PIPE

CONST. PIPE

DHW (50YR) EL = 85.98

CONST. PIPE

CONST. PIPE

CONST. PIPE

86.65

(+)0.066% (LT)

(+)0.084% (LT)

(+)0.071% (LT)

(3) 48" PIPES

(+)0.362% (LT)

DITCH LT

(+)1.902% (LT)

EXISTING GROUND AT ℄ RAMP A1_536

DPI +85.04
EL. 82.06 (LT)

DPI +00.00
EL. 82.16 (LT)

DPI +85.52
EL. 84.00 (LT)

BEGIN DITCH (LT)
STA. 326+89.12
EL. 82.00

EL. 82.42

DPI +43.80
EL. 82.40 (LT)

+97.00 EL. 97.01
97.06

98.57

99.35

99.40

98.71

+73.00 EL. 97.74

K = 136
476' V.C.

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

150
140
130
120
110
100
90
80
70
60

325+00
330+00
335+00

PRELIMINARY: NOT FOR CONSTRUCTION

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SR 400	ORANGE	242484-8-52-01

RAMP A1_536
PROFILE SHEET

SHEET NO.
253

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140

130

120

110

100

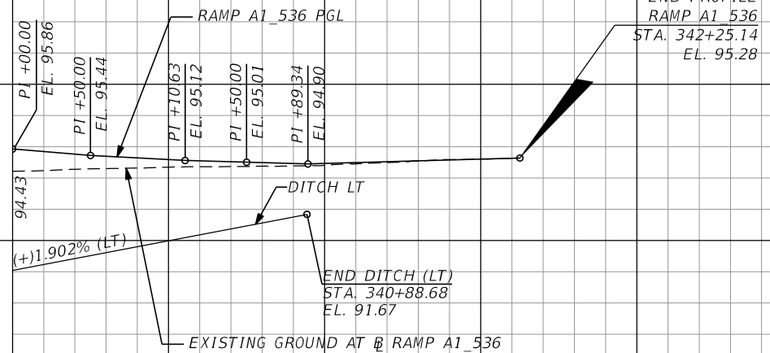
90

80

70

60

50



340+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

REVISIONS			
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AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
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Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A1_536 PROFILE SHEET

SHEET NO. 254

PRELIMINARY: NOT FOR CONSTRUCTION

150
140
130
120
110
100
90
80
70
60

384' SE TRANS.
e = (+) 0.012
TO e = (-) 0.068

FULL SUPER
e = (-) 0.068

+06.27

+90.27

540' V.C.
K = 120

+22.29 EL. 95.79

96.43

98.00

100.39

103.62

107.69

+62.29 EL. 110.64

RAMP A2_536 PGL

BEGIN BRIDGE

(+) 5.000%

+80.00 EL. 116.53

117.51

122.01

125.80

128.87

980' V.C.
K = 140

104.68

BEGIN PROFILE
RAMP A2_536
STA. 399+00.00
EL. 95.18

95.18

S132-066

S132-069

S132-068

(+) 0.500%

(+) 0.500%

(+) 5.000%

EXISTING GROUND AT ℄ RAMP A2_536

CONST. PIPE

CONST. PIPE

BE

BE

BE

PI +92.29
EL. 97.14

400+00

405+00

410+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A2_536
PROFILE SHEET

SHEET NO.
255

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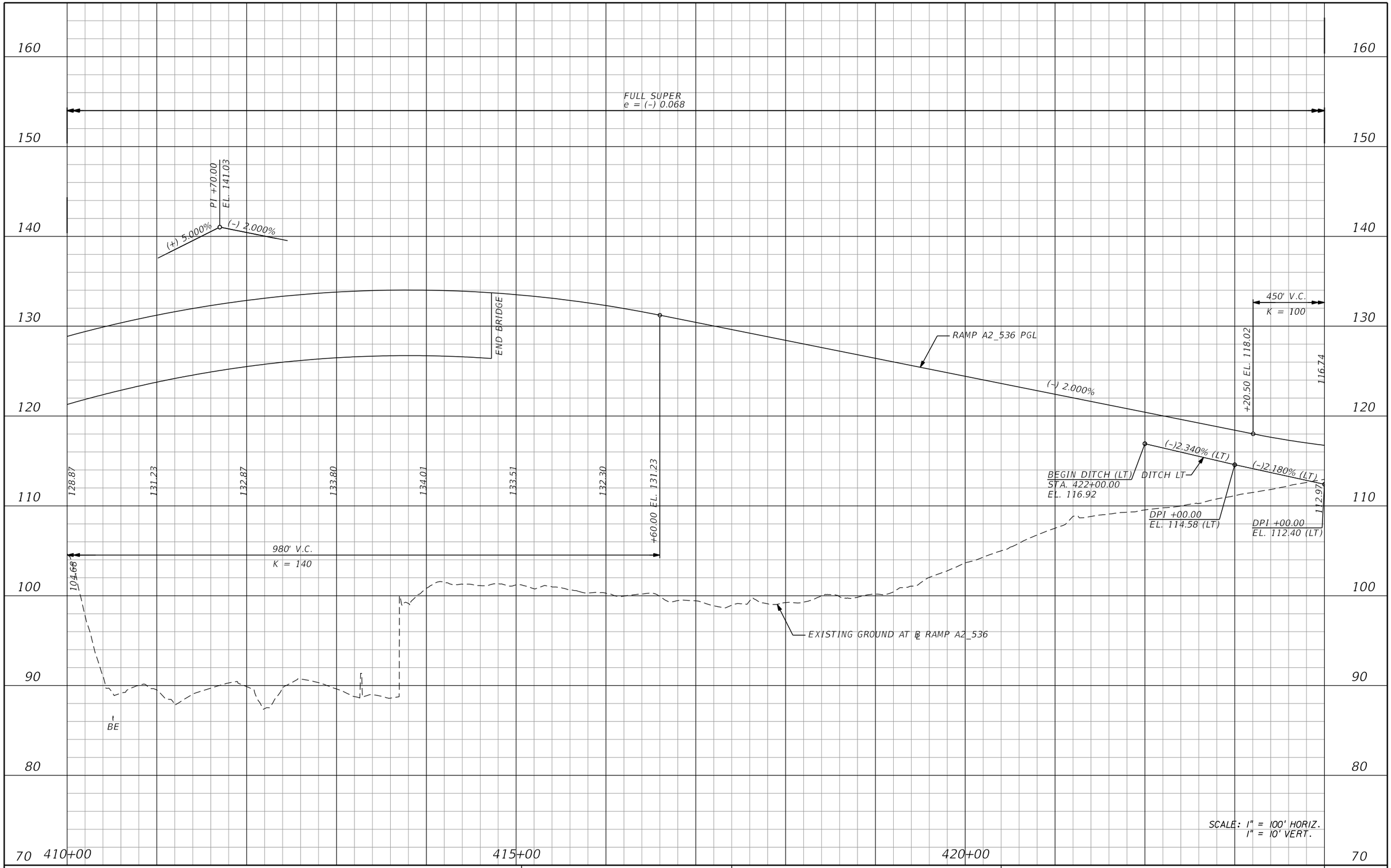

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A2_536 PROFILE SHEET

SHEET NO. 256

PRELIMINARY: NOT FOR CONSTRUCTION

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FULL SUPER
e = (-) 0.068

100' SE TRANS.
e = (-) 0.068
TO e = (-) 0.08

FULL SUPER
e = (-) 0.08

100' SE TRANS.
e = (-) 0.08
TO e = (-) 0.059

FULL SUPER
e = (-) 0.059

+00.00 +00.00 +10.00 +10.00

PI +30.00
EL. 143.13
(+) 2.500%
(-) 4.500%

450' V.C.
K = 100

RAMP A2_536 PGL

(+) 2.500%

BEGIN BRIDGE
END BRIDGE
BEGIN BRIDGE

116.74 116.04 116.33 117.63 +70.50 EL. 119.14 119.50 +40.00 EL. 130.88

S133A-049 S133A-061 S133A-064 S133A-065

132.25 133.97 134.97 135.25 134.82 133.68

980' V.C.
K = 140

112.97

(-)1.350% (LT) (-) 2.000% (+) 2.500% (+)0.120% (LT) (+)0.340% (LT) (+)1.160% (LT) (+)1.640% (LT) (+)2.240% (LT) (+)2.090% (LT) (+)0.860% (LT)

DITCH LT

DPI +00.00
EL. 111.05 (LT)

CONST. PIPE

PI +45.50
EL. 113.52

DPI +00.00
EL. 111.17 (LT)

DPI +00.00
EL. 111.51 (LT)

DPI +00.00
EL. 112.67 (LT)

CONST. PIPE

DPI +00.00
EL. 114.31 (LT)

DPI +00.00
EL. 116.55 (LT)

DPI +00.00
EL. 118.64 (LT)

END DITCH (LT)
STA. 432+00.00
EL. 119.50

EXISTING GROUND AT ℄ RAMP A2_536

BE BE 107.44

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

425+00 430+00 435+00

170 160 150 140 130 120 110 100 90 80

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A2_536
PROFILE SHEET

SHEET NO. 257

PRELIMINARY: NOT FOR CONSTRUCTION

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160
150
140
130
120
110
100
90
80
70

FULL SUPER
e = (-) 0.059

237' SE TRANS.
e = (-) 0.059
T0 e = (+) 0.02

+26.67

+63.67

RAMP A2_536 PGL

280' V.C.
K = 100

END BRIDGE

133.68
131.82
129.25
125.97
121.97
+20.00 EL. 121.08
117.80
114.60
+00.00 EL. 112.40

980' V.C.
K = 140

(-) 4.500%
(-) 1.700%

END PROFILE
RAMP A2_536
STA. 447+82.52
EL. 107.79

107.44
107.27
(-)2.931% (LT)
(-)1.198% (LT)
(-)1.202% (LT)
(-)0.036% (LT)
100.77
(+)0.050% (LT)

PI +60.00
EL. 114.78
PI +50.00
EL. 109.85
PI +00.00
EL. 109.05
PI +62.90
ELL 108.06
100.94

BE
BEGIN DITCH (LT)
STA. 440+33.15
EL. 107.27

DPI +64.52
EL. 103.42 (LT)

DPI +78.83
EL. 102.05 (LT)

DPI +83.68
EL. 100.79 (LT)

DPI +39.93
EL. 100.77 (LT)

℄ EXISTING GROUND AT ℄ RAMP A2_536

DITCH LT

END DITCH (LT)
STA. 447+84.21
EL. 100.94

440+00

445+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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RAMP A2_536 PROFILE SHEET

SHEET NO. 258

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150
140
130
120
110
100
90
80
70
60

90' SE TRANS.
e = (+) 0.03
TO e = (+) 0.07

STA. 126+45.45
℄ SURV SR 536

+45.00

FULL SUPER
e = (+) 0.07

50' SE TRANS.
e = (+) 0.07
TO e = (+) 0.08

+02.03

+52.03

FULL SUPER
e = (+) 0.08

BEGIN PROFILE
RAMP A3_536
STA. 500+00.00
EL. 117.81

502' V.C.
K = 150

+53.00 EL. 111.84

110.11

106.91

104.38

102.51

101.31

+55.00 EL. 100.93

PI +56.54
EL. 115.55

PI +00.00
EL. 113.88

(-) 3.844%

(-) 0.501%

PI 1+04.00
EL. 102.19

BE

BE

EXISTING GROUND AT ℄ RAMP A3_536

RAMP A3_536 PGL

S132-058

S132-060

S132-061

(-) 0.501%

97.71

90.25

CONST. PIPE

CONST. PIPE

500+00

505+00

510+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A3_536 PROFILE SHEET

SHEET NO. 259

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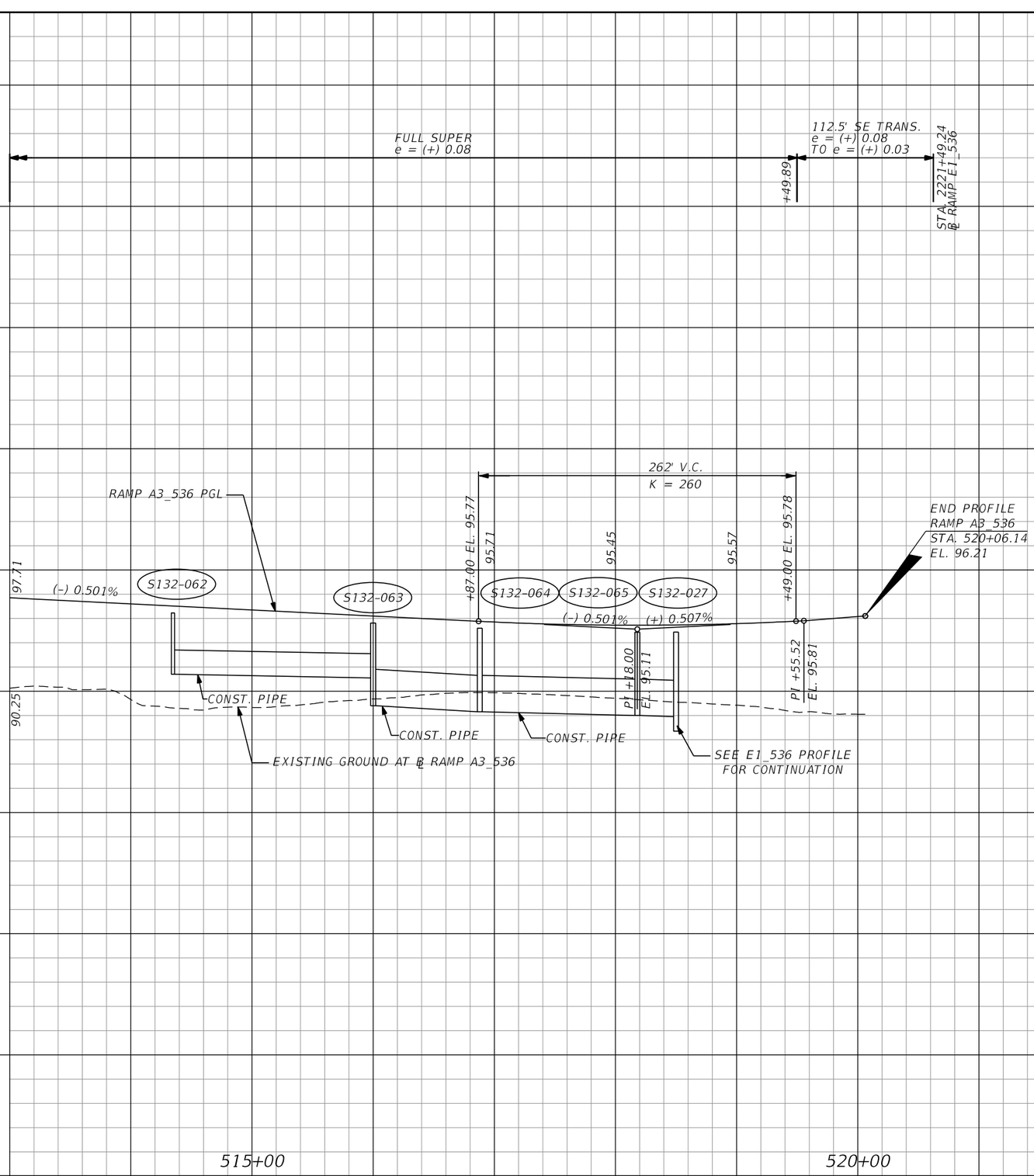

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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RAMP A3_536
PROFILE SHEET

SHEET NO. 260

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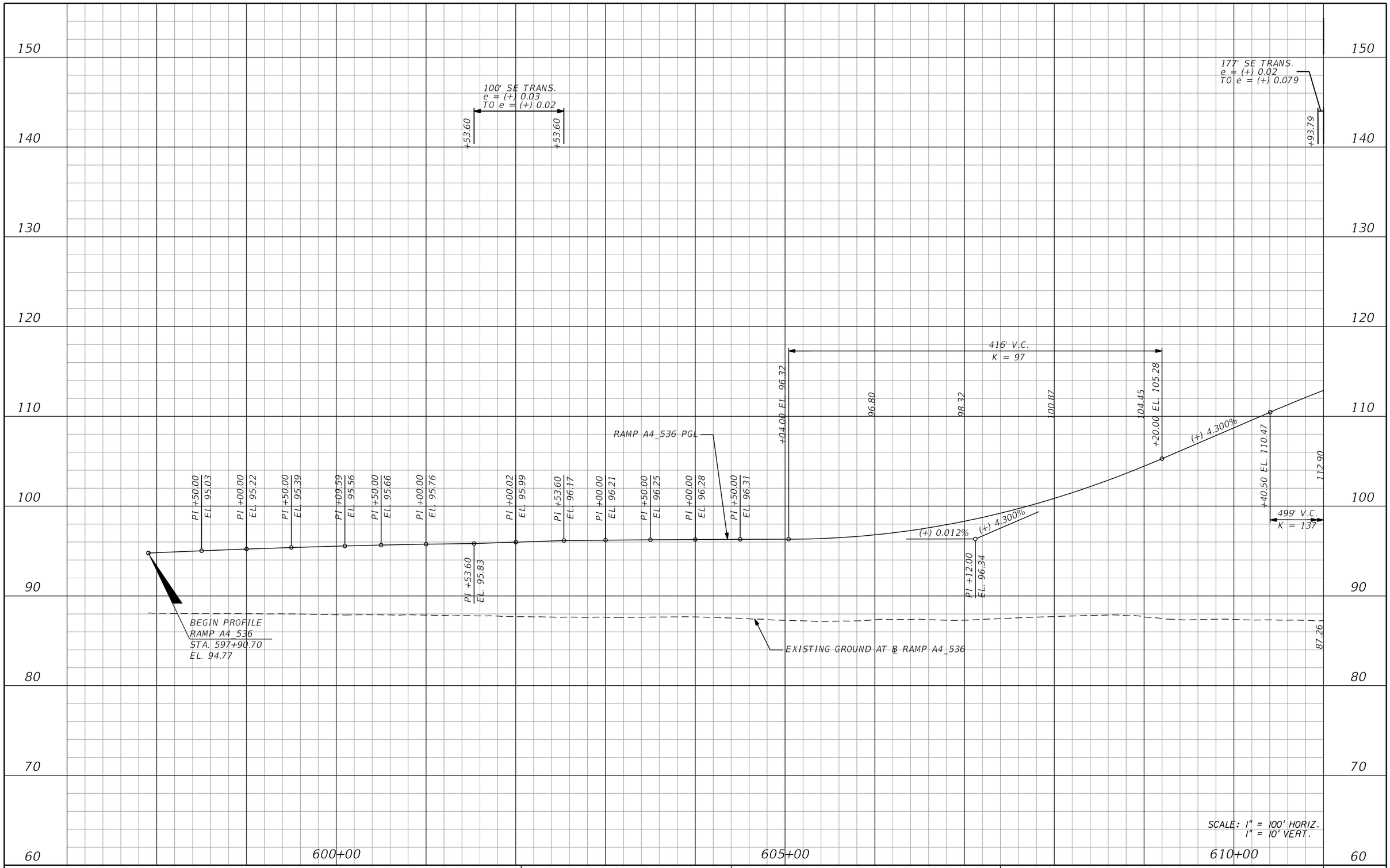

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A4_536
PROFILE SHEET

SHEET NO.
261

177' SE TRANS.
e = (+) 0.02
TO e = (+) 0.079

FULL SUPER
e = (+) 0.079

447' SE TRANS.
e = (+) 0.079
TO e = (+) 0.07

FULL SUPER
e = (-) 0.07

100' SE TRANS.
e = (-) 0.07
TO e = (-) 0.05

+70.79 | +56.55 | +03.55 | +44.75

STA. 319+25.25
℄ RAMP A1_536

END PROFILE
RAMP A4_536
STA. 624+94.75
EL. 130.05

RAMP A4_536 PGL

PI +90.00
EL. 121.19

(+) 4.300%

(+) 0.660%

PI +65.12
EL. 126.31

PI +00.00
EL. 126.75

PI +50.00
EL. 127.68

PI +00.00
EL. 128.40

PI +50.00
EL. 129.15

PI +00.00
EL. 129.72

PI +29.14
EL. 129.95

PI +00.00
EL. 130.28

PI +50.00
EL. 130.25

BEGIN BRIDGE

SEE RAMP A1_536
PROFILE FOR END BRIDGE

112.90 | 116.40 | 119.17 | 121.21 | 122.52 | +39.50 EL. 122.84

499' V.C.
K = 137

EXISTING GROUND AT ℄ RAMP A4_536

87.26

BE | S | BE WNP | W | BE | BE | BE | BE

160 | 150 | 140 | 130 | 120 | 110 | 100 | 90 | 80 | 70

615+00 | 620+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A4_536
PROFILE SHEET

SHEET NO. 262

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140
130
120
110
100
90
80
70
60
50

150' SE TRANS.
e = (+) 0.02
TO e = (+) 0.03

704+00.00

705+50.00

0% CROSS SLOPE
STA. 704+60.00

BEGIN PROFILE
RAMP A5_536
STA. 700+00.00
EL. 94.35

297' V.C.
K = 265

RAMP A5_536 PGL

END PROFILE
RAMP A5_536
STA. 709+60.16
EL. 95.35

S131B-012
S131B-015
S131B-019
S131B-021
S131B-022
S131B-025
S131B-029
S131B-029A

+51.75 EL. 92.26
92.08
91.98
92.27
+48.25 EL. 92.54

(-) 0.464%
(+) 0.655%

PI +56.93
EL. 93.64
PI +00.00
EL. 9319
PI +50.00
EL. 92.73
PI +02.00
EL. 91.57
PI +00.00
EL. 92.88
PI +50.00
EL. 93.22
PI +00.00
EL. 93.56
PI +50.00
EL. 94.57
PI +93.63
EL. 94.87

SEE I-4 EB GUL PROFILE
FOR CONTINUATION

CONST PIPE
CONST PIPE
CONST PIPE
CONST PIPE
℄ SHIFT, 15' LT.
STA. 704+20.00
EL. 91.84
CONST PIPE
CONST PIPE
EXISTING GROUND AT ℄ RAMP A5_536

700+00
705+00
710+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A5_536
PROFILE SHEET

SHEET NO. 263

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140
130
120
110
100
90
80
70
60
50

326.4' SE TRANS.
e = (+) 0.03
TO e = (+) 0.098

FULL SUPER
e = (+) 0.098

566.4' SE TRANS.
e = (+) 0.098
TO e = (-) 0.02

+52.12
+78.52
+49.11

BEGIN PROFILE
RAMP B1_536
STA. 800+00.00
EL. 101.89

PI +50.00
EL. 101.48
PI +00.00
EL. 101.07
PI +56.04
EL. 100.59
PI +00.00
EL. 100.21
PI +60.69
EL. 99.70
PI +00.00
EL. 99.37
PI +62.77
EL. 98.85
+15.00 EL. 97.57

1,970' V.C.
K = 1283

96.89
96.15
95.50
94.92
94.42
94.00
93.65
93.39
93.02

(+) 0.839%

RAMP B1_536 PGL

S133A-005
S133A-015
S133A-016
S133A-020
S133A-020A

CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE

EXISTING GROUND AT ℄ RAMP B1_536

EL. 83.54
(2) 36" PIPES

BE

800+00
805+00
810+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_536
PROFILE SHEET

SHEET NO.
264

PRELIMINARY: NOT FOR CONSTRUCTION

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140
130
120
110
100
90
80
70
60
50

566.4' SE TRANS.
e = (+) 0.098
TO e = (–) 0.02

+15.51

96' SE TRANS.
e = (–) 0.02
TO e = (–) 0.04

+14.30

+10.30

FULL SUPER
e = (–) 0.04

+97.56

180' SE TRANS.
e = (–) 0.04
TO e = (+) 0.02

+77.56

1,970' V.C.
K = 1283

93.39 93.20 93.09 93.06 93.10 93.22 93.43 93.70 94.06 94.50 95.01 95.60

END PROFILE
RAMP B1_536
STA. 825+77.56
EL. 96.81

+85.00 EL. 96.16

96.81

S133A-021
S133A-021A
S133A-021B
S133A-023

RAMP B1_536 PGL

EXISTING GROUND AT ℄ RAMP B1_536

93.02

(–) 0.839%

(+) 0.696%

PI +00.00
EL. 89.31

CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE

815+00 820+00 825+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_536 PROFILE SHEET

SHEET NO. 265

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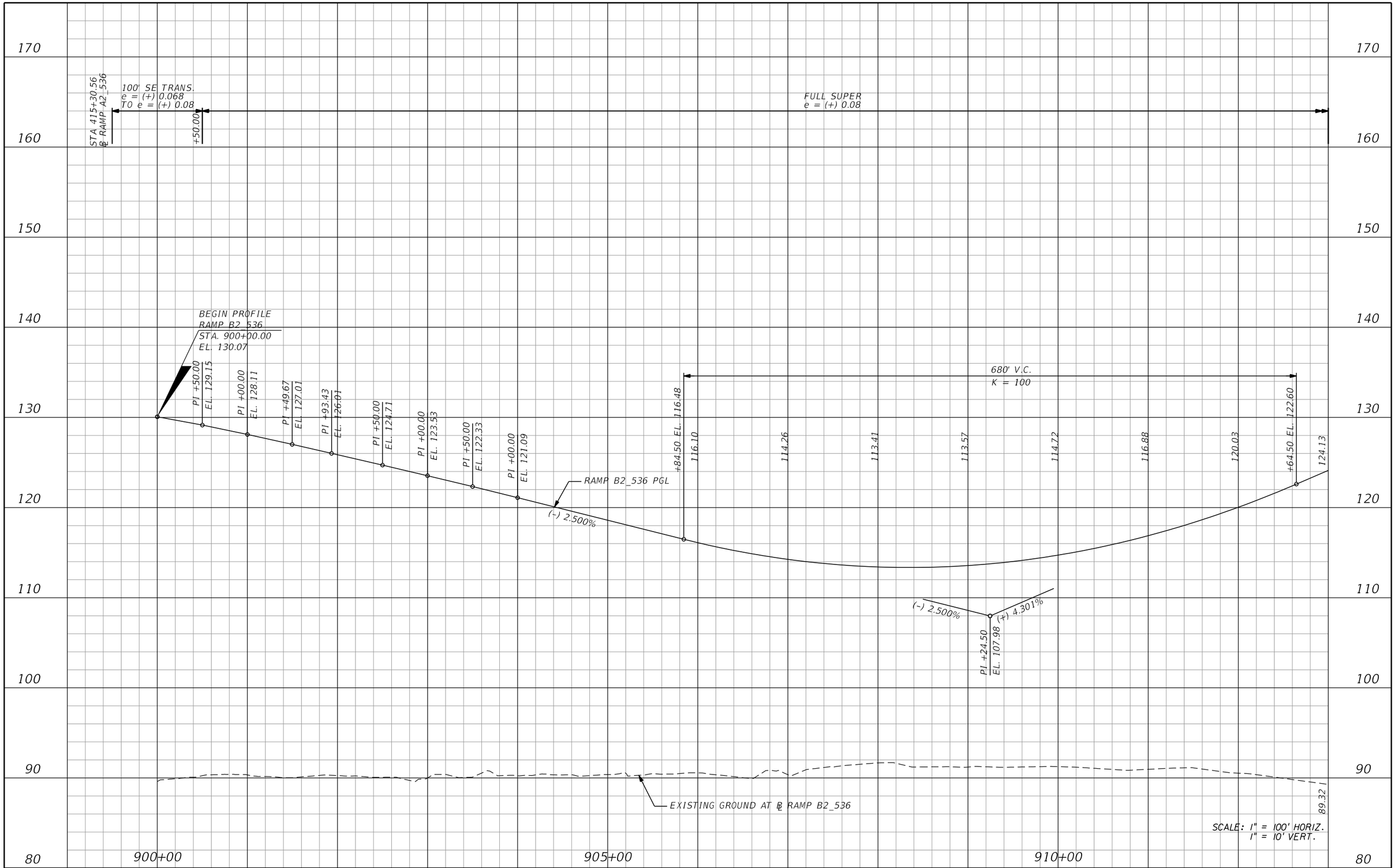

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B2_536
PROFILE SHEET

SHEET NO. 266

PRELIMINARY: NOT FOR CONSTRUCTION

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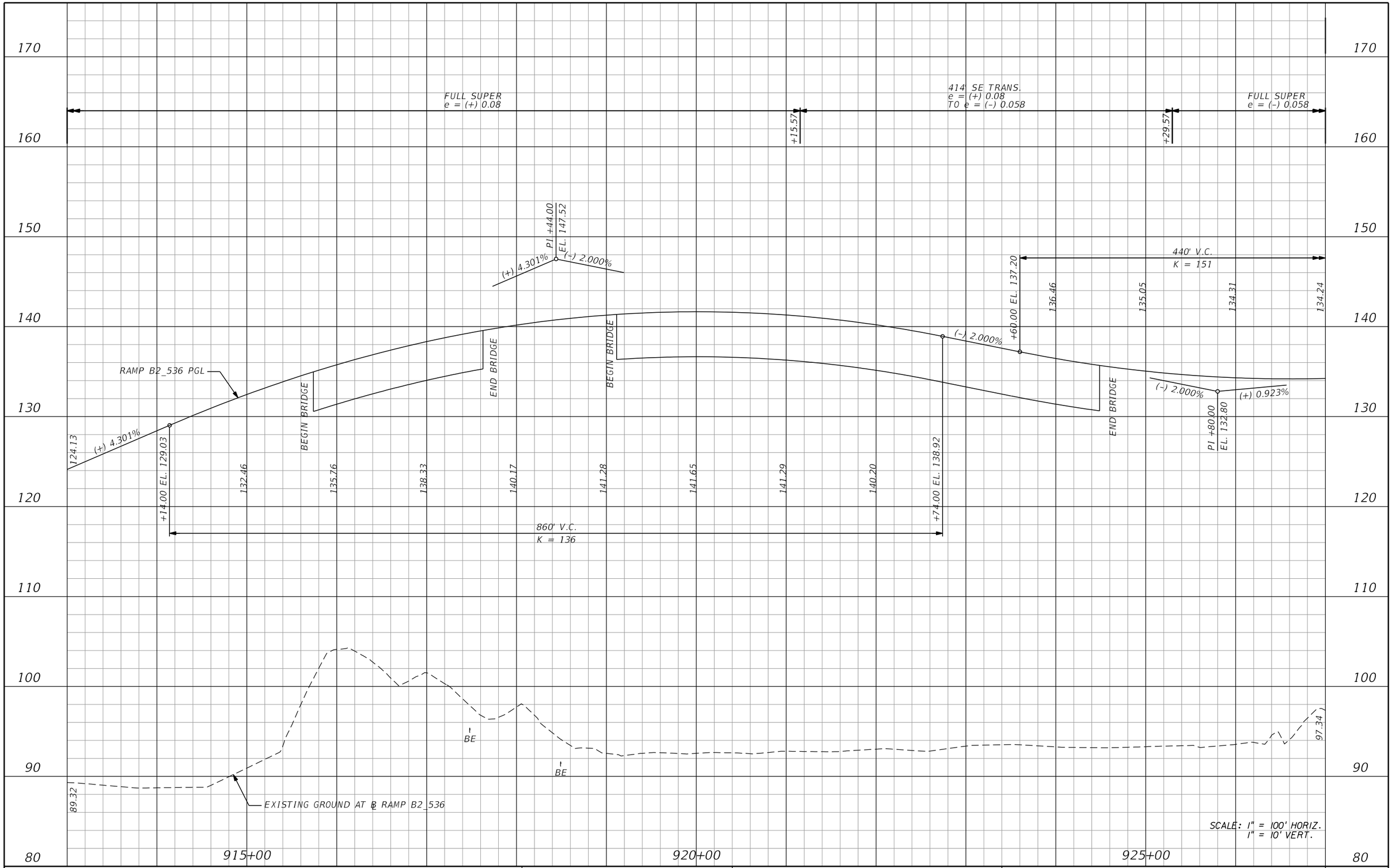

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B2_536 PROFILE SHEET

SHEET NO. 267

PRELIMINARY: NOT FOR CONSTRUCTION

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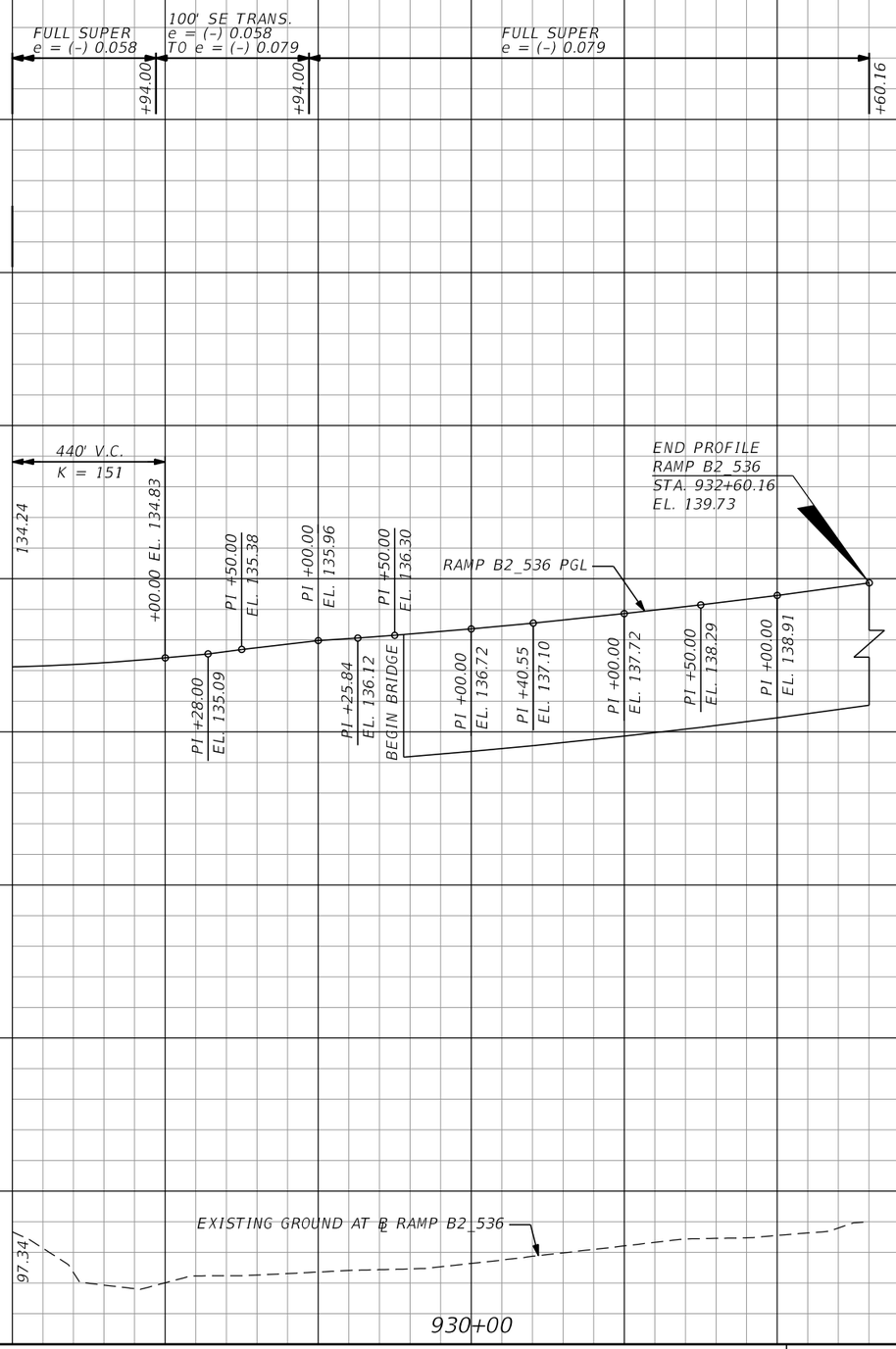

REVISIONS			
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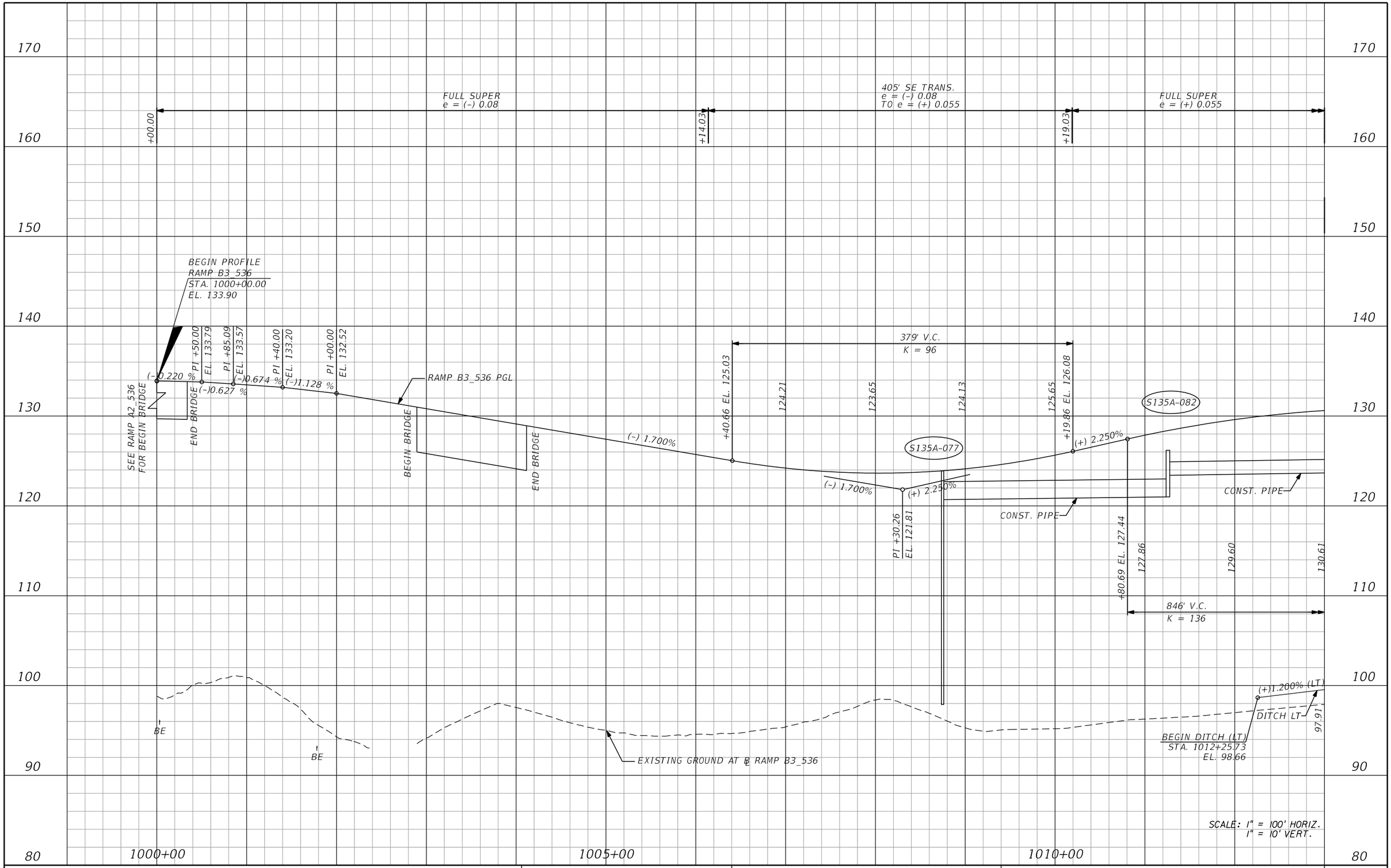
SR 400	ORANGE	242484-8-52-01

RAMP B2_536 PROFILE SHEET

SHEET NO. 268

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

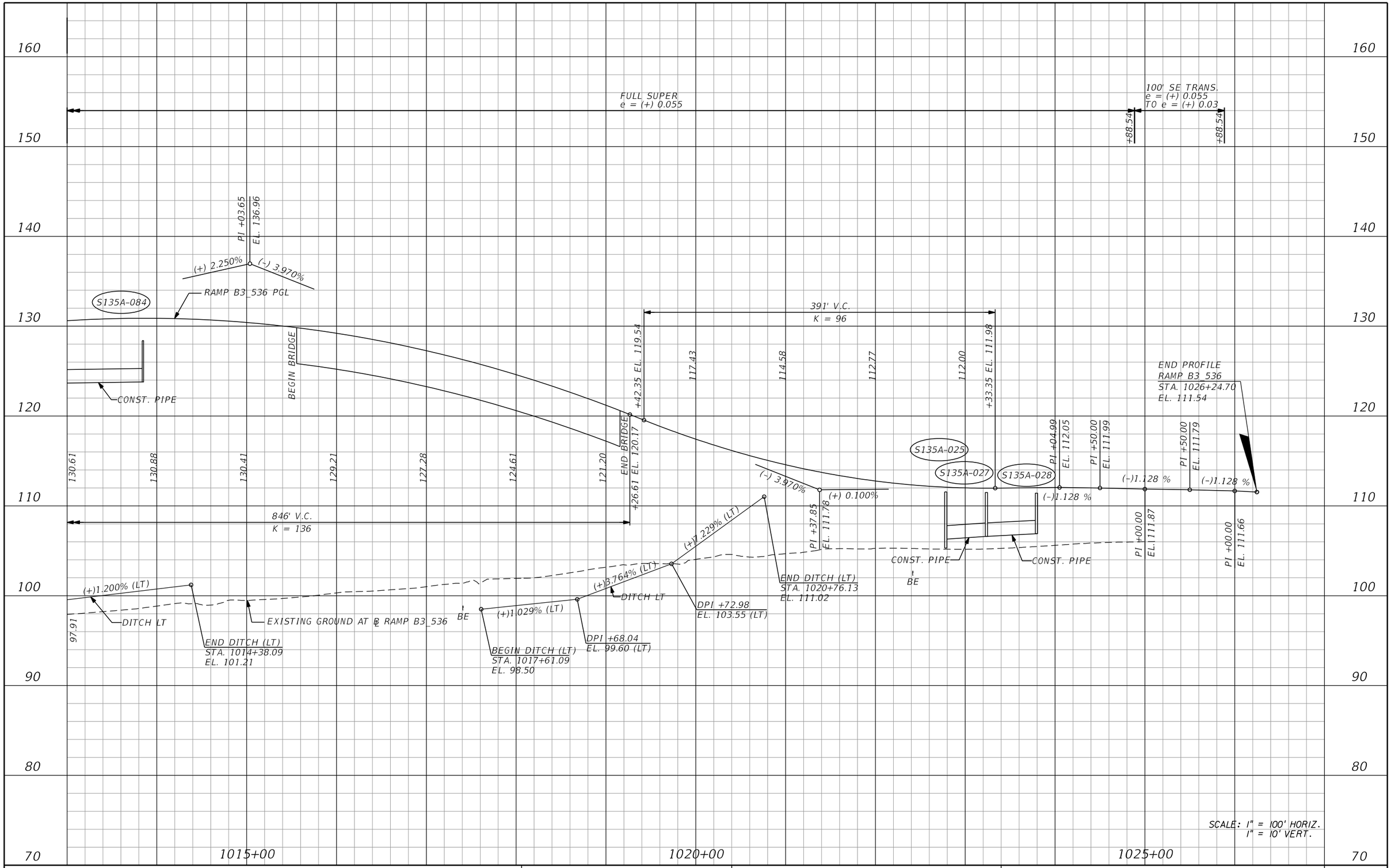
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B3_536 PROFILE SHEET

SHEET NO. 269

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/24/2021 8:36:16 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_B3_536_01.DGN



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DEPARTMENT OF TRANSPORTATION

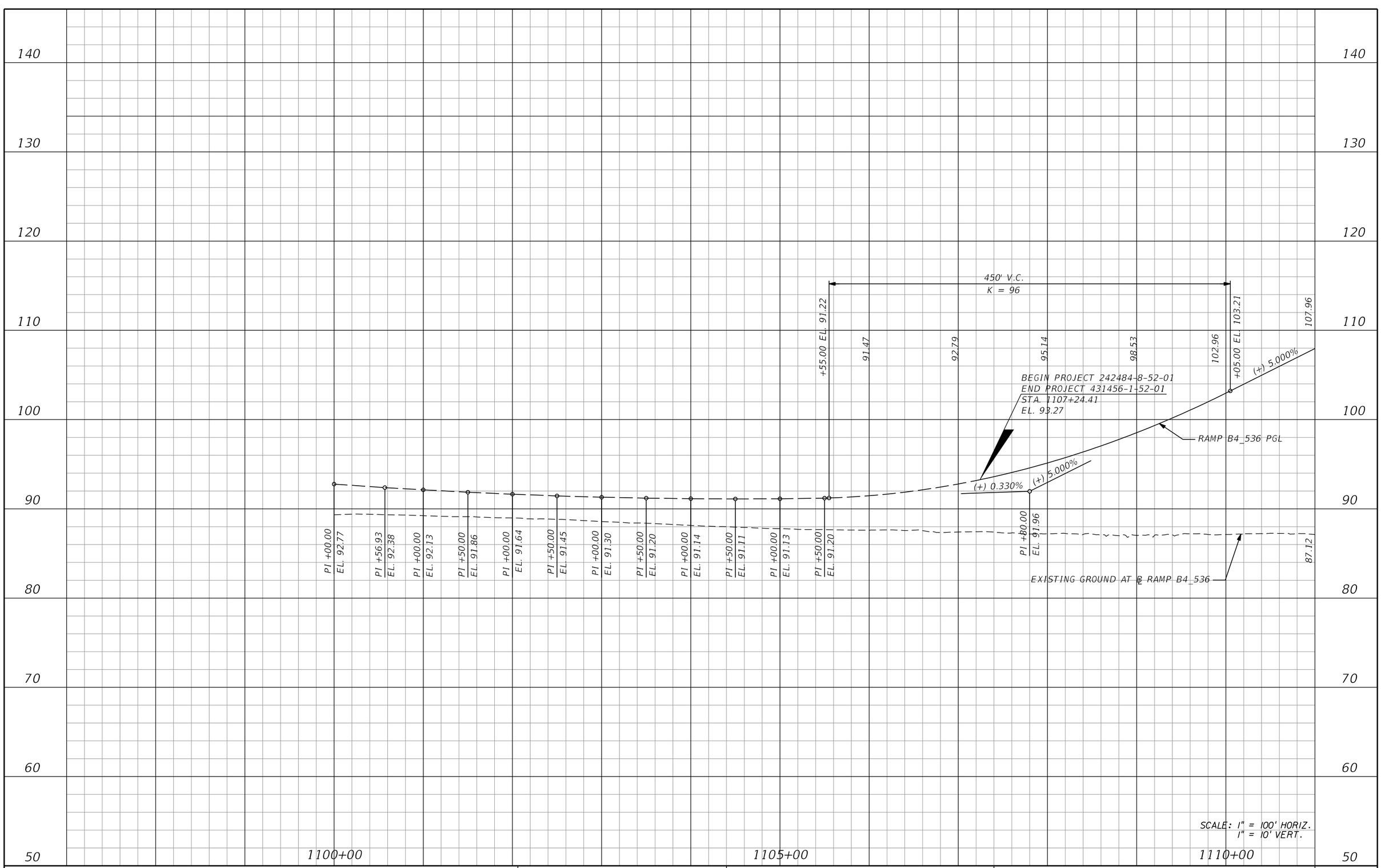
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B3_536
PROFILE SHEET

SHEET NO.
270

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/24/2021 8:36:24 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_B3_536_02.dgn



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DEPARTMENT OF TRANSPORTATION

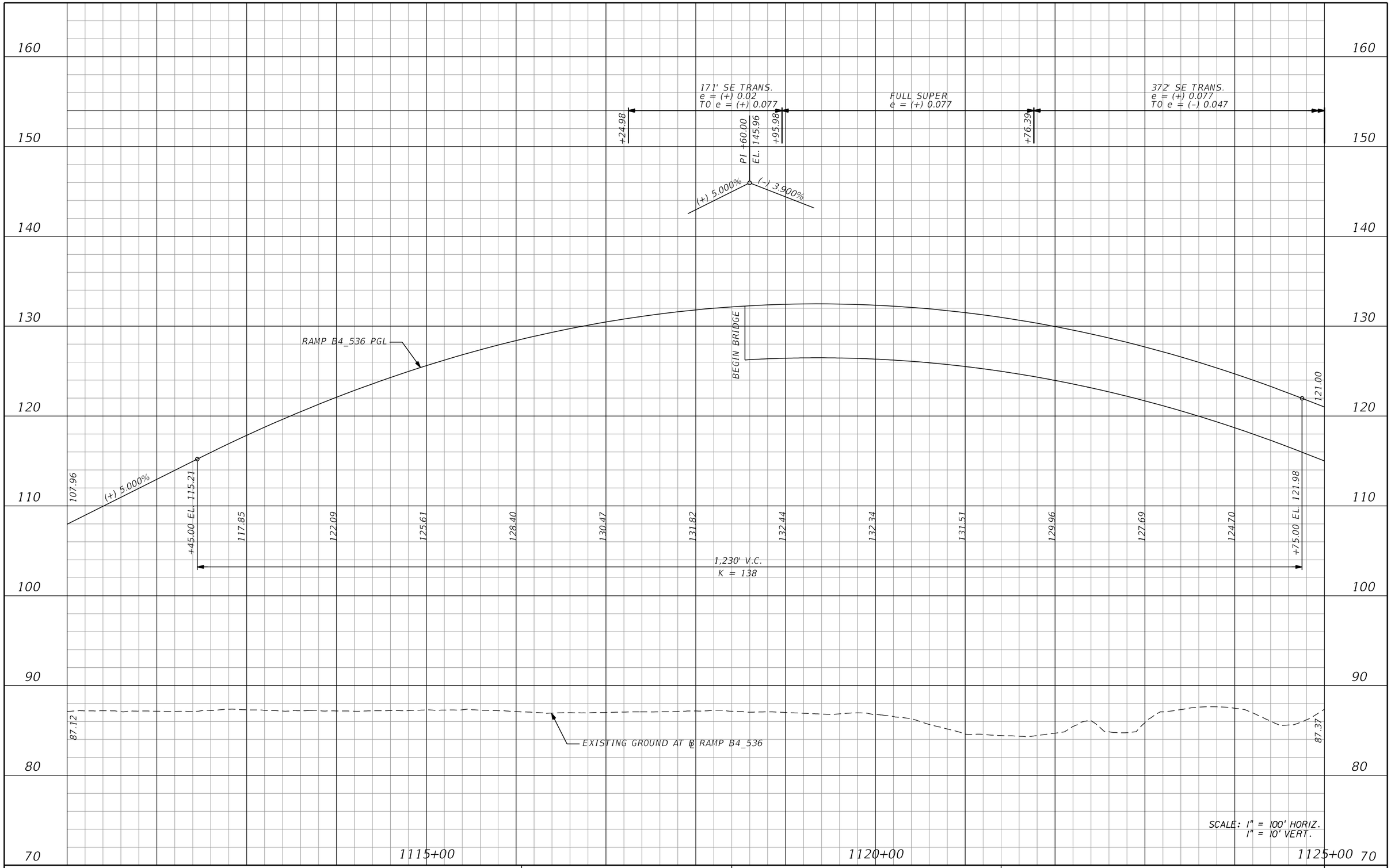
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B4_536
PROFILE SHEET

SHEET NO. 271

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/24/2021 8:36:33 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_B4_536_01.DGN



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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B4_536 PROFILE SHEET

SHEET NO. 272

PRELIMINARY: NOT FOR CONSTRUCTION

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160
150
140
130
120
110
100
90
80
70

372' SE TRANS.
e = (+) 0.077
TO e = (-) 0.047

FULL SUPER
e = (-) 0.047

+48.39

+35.31

310' V.C.
K = 97

121.00

+75.00 EL. 118.08

117.13

114.01

111.91

+85.00 EL. 110.94

END PROFILE
RAMP B4_536
STA. 1131+35.31
EL. 109.07

(-) 3.900%

(-) 3.900%

(-) 0.700%

END BRIDGE

PI +30.00
EL. 112.03

(-)0.700%

PI +00.00
EL. 110.84

PI +50.00
EL. 110.49

(-)0.720%

PI +00.00
EL. 110.13

(-)0.760%

PI +50.00
EL. 109.75

(-)0.780%

PI +00.00
EL. 109.36

(-)0.821%

RAMP B4_536 PGL

EXISTING GROUND AT ℄ RAMP B4_536

87.37

WNP

W
S
BE
BE

1125+00

1130+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B4_536
PROFILE SHEET

SHEET NO.
273

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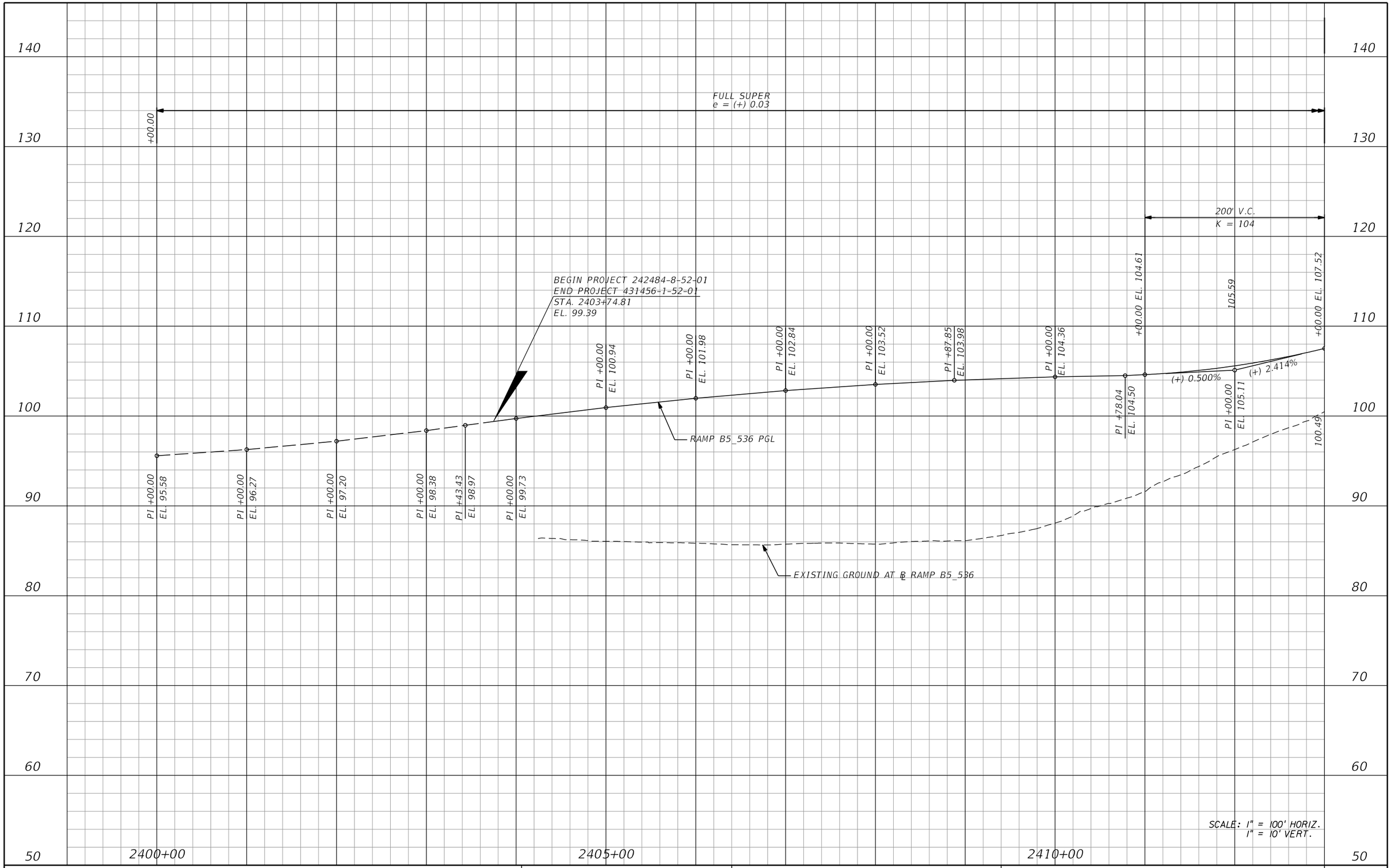

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B5_536
PROFILE SHEET

SHEET NO. 274

PRELIMINARY: NOT FOR CONSTRUCTION

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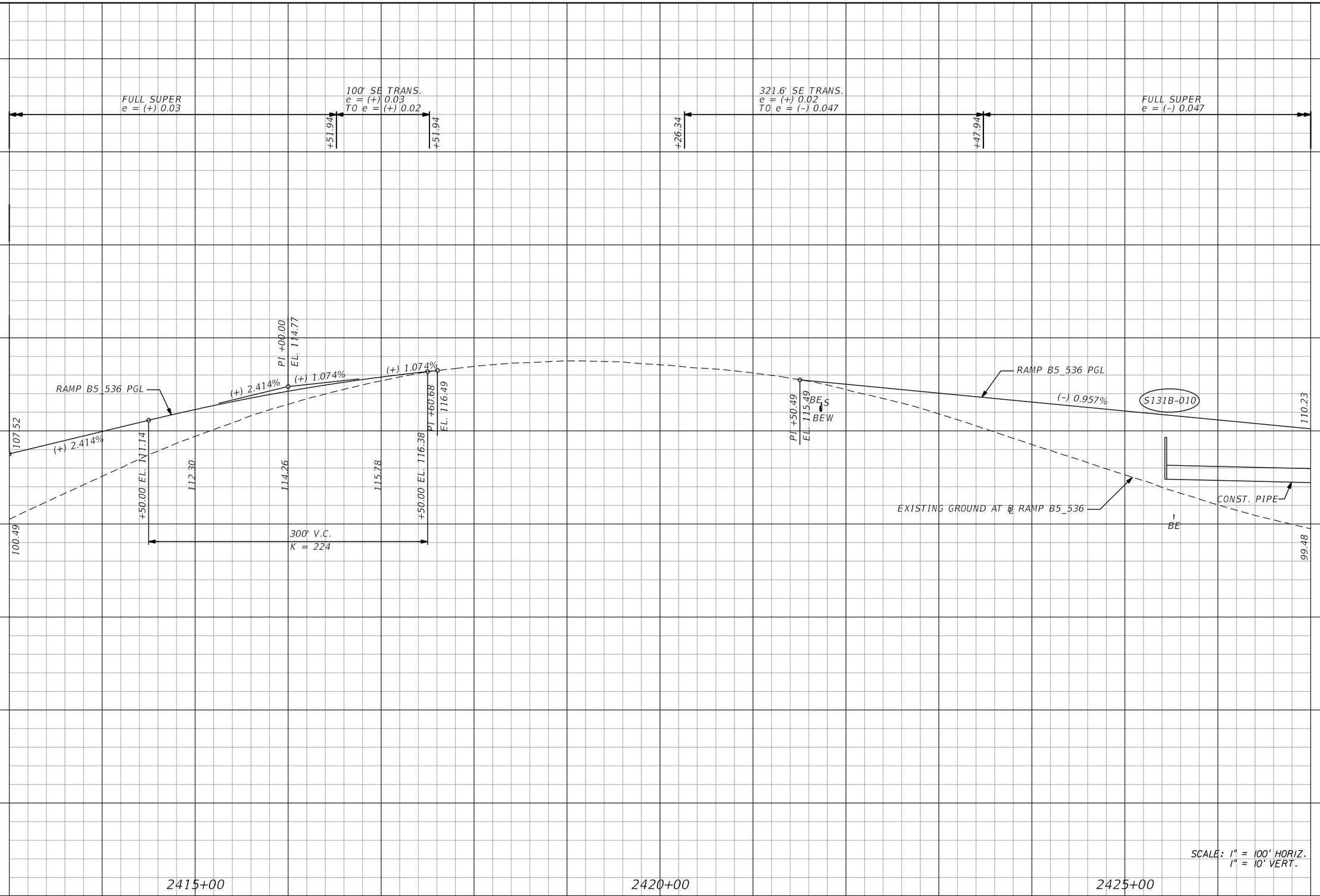

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B5_536 PROFILE SHEET

SHEET NO. 275

PRELIMINARY: NOT FOR CONSTRUCTION

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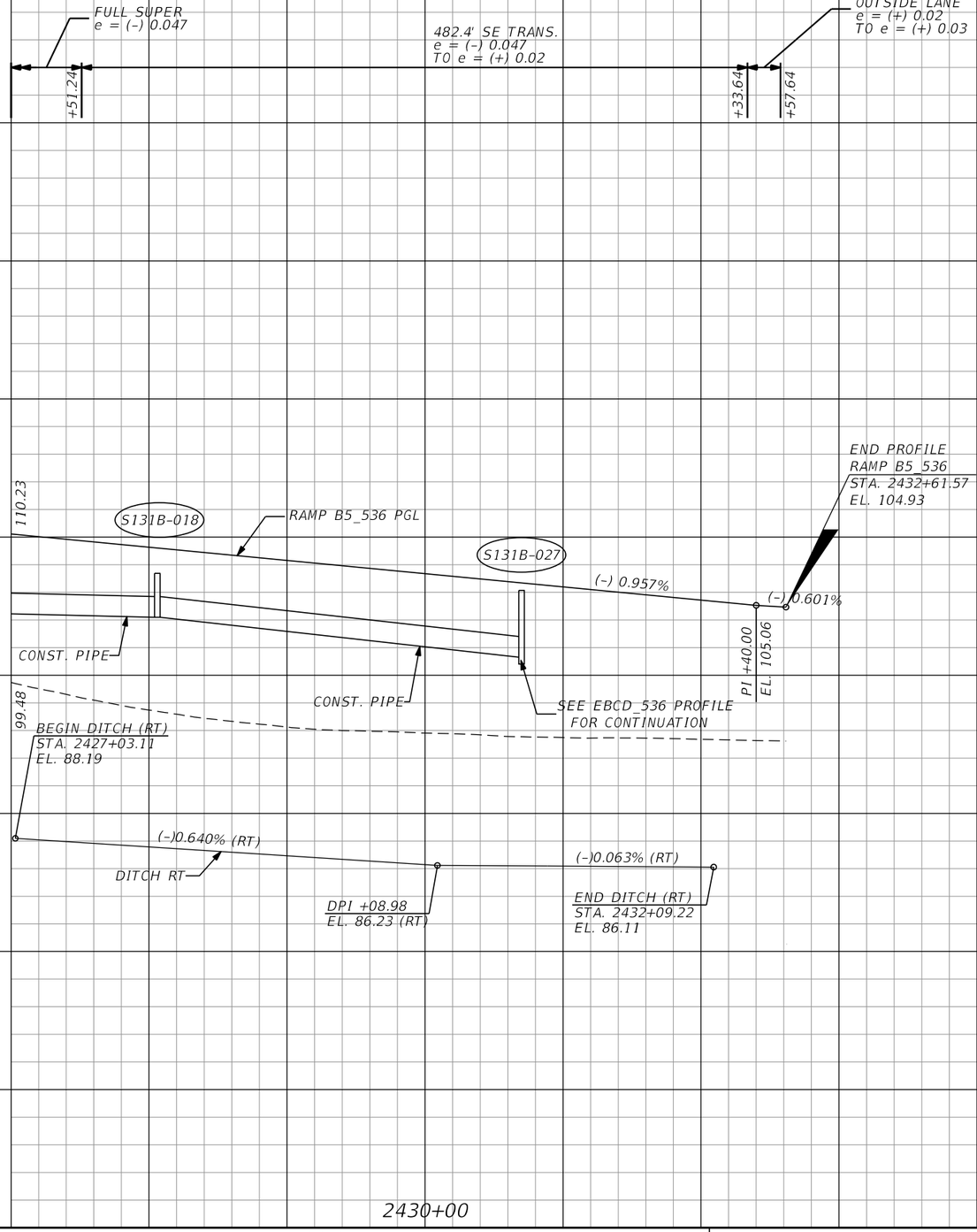

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B5_536 PROFILE SHEET

SHEET NO. 276

glen.dvorovy 2/24/2021 8:37:38 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_B5_536_03.dgn

150
140
130
120
110
100
90
80
70
60

204' SE TRANS.
e = (+) 0.03
TO e = (+) 0.098

FULL SUPER
e = (+) 0.098

+43.62

+47.62

BEGIN PROFILE
RAMP C1_536
STA. 1198+64.79
EL. 101.83

PI +29.67
EL. 101.45

PI +79.54
EL. 101.20

PI +29.42
EL. 100.98

PI +79.30
EL. 100.73

PI +00.00
EL. 100.55

PI +51.68
EL. 99.79

240' V.C.
K = 97

+36.00 EL. 98.45

98.36

99.06

+76.00 EL. 100.29

102.77

S135B-001

RAMP C1_536 PGL

(-) 0.300%

(-) 0.472%

(+) 2.000%

L-1 0.472%

(+) 2.000%

(-)0.663% (RT)

DITCH RT

BE

BE

(-)0.172% (RT)

BE

BE

BEGIN DITCH (RT)
STA. 1199+20.70
EL. 97.65

EXISTING GROUND AT ℄ RAMP C1_536

SEE C3_536 PROFILE
FOR CONTINUATION

PI +56.00
EL. 97.89

97.07

DPI +21.68
EL. 94.99 (RT)

DPI +27.90
EL. 93.95 (RT)

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

1200+00

1205+00

1210+00

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C1_536
PROFILE SHEET

SHEET NO.
277

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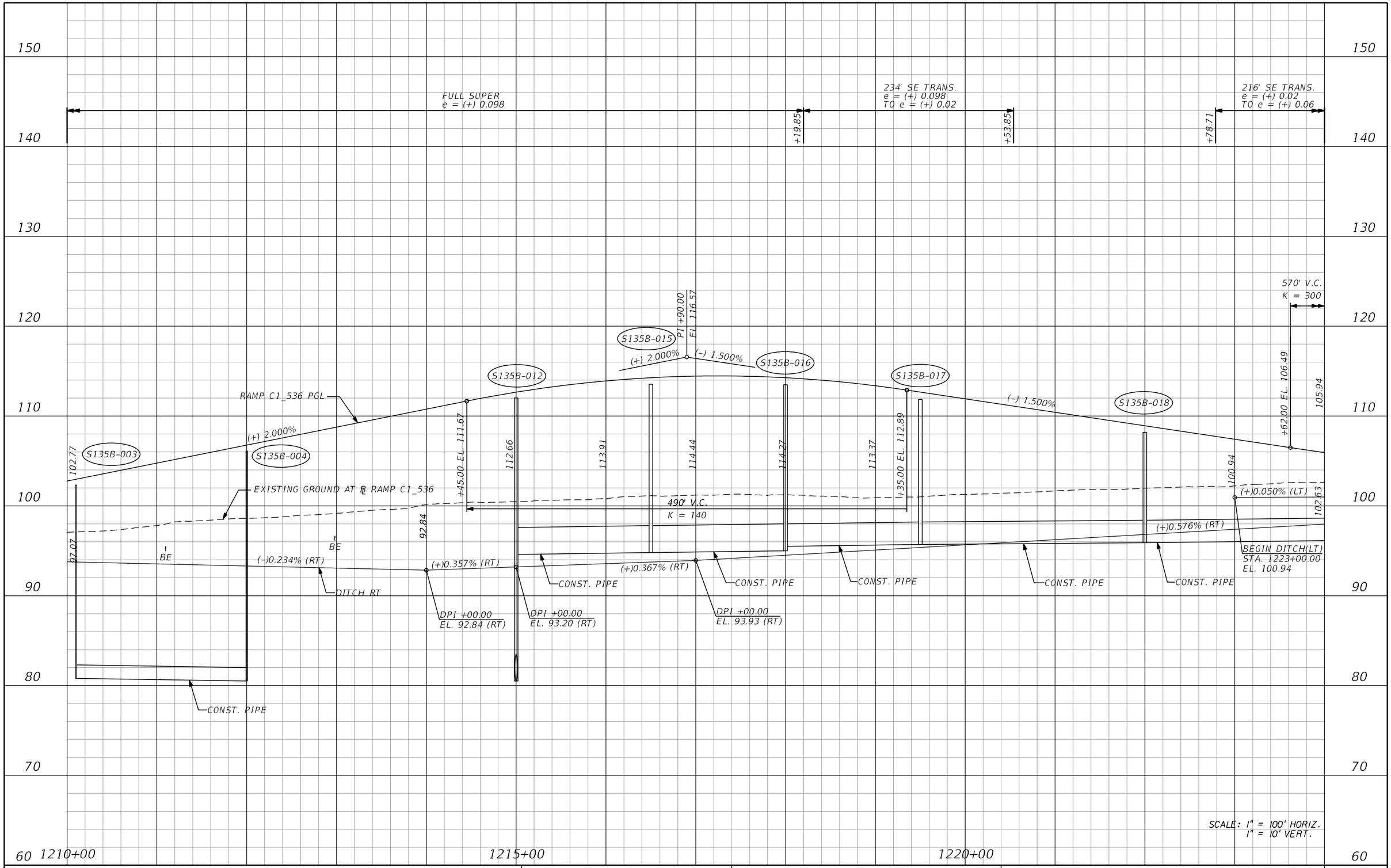

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C1_536 PROFILE SHEET

SHEET NO. 278

PRELIMINARY: NOT FOR CONSTRUCTION

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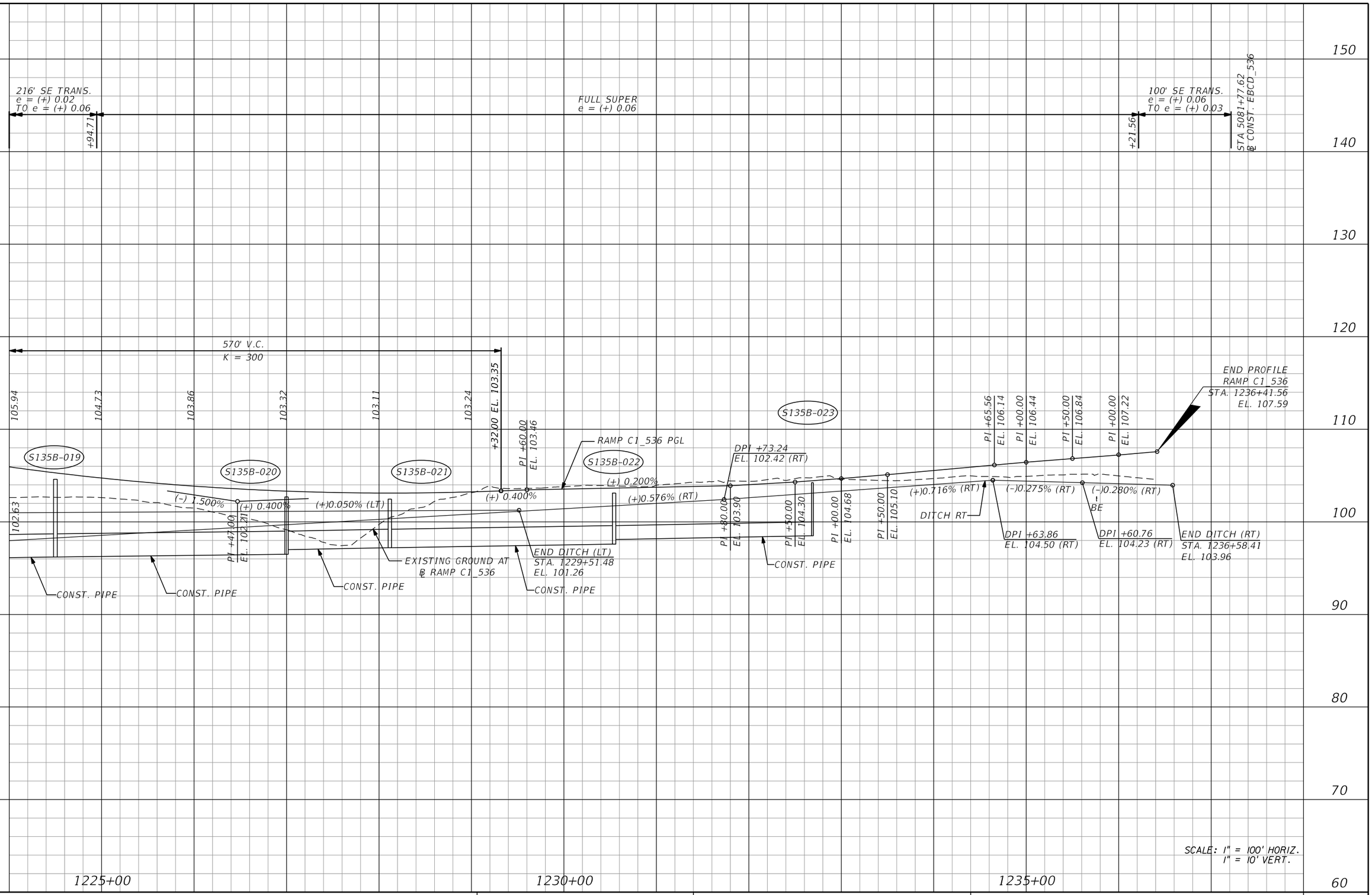

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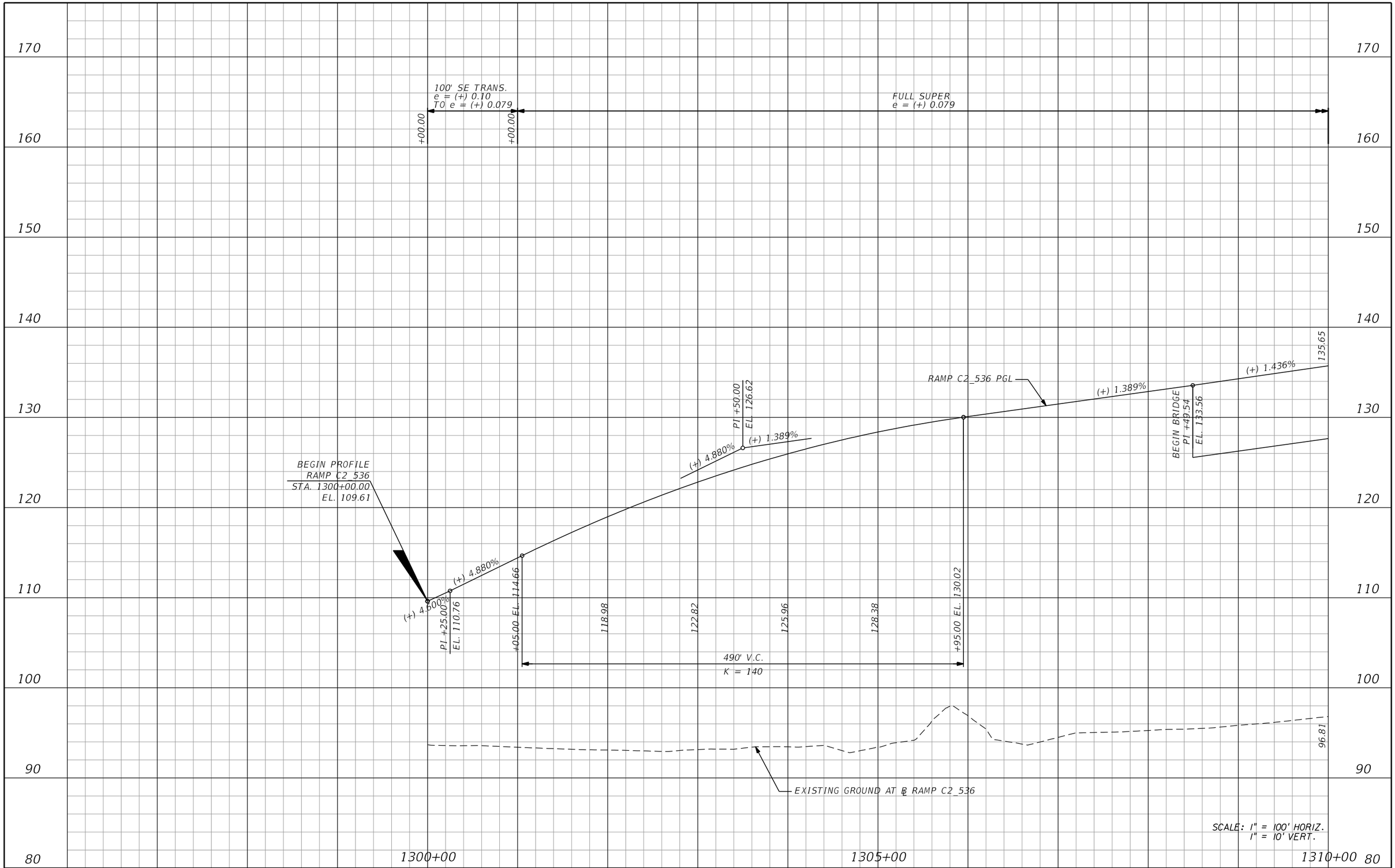
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C1_536 PROFILE SHEET

SHEET NO. 279

PRELIMINARY: NOT FOR CONSTRUCTION



SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C2_536 PROFILE SHEET

SHEET NO. 280

PRELIMINARY: NOT FOR CONSTRUCTION

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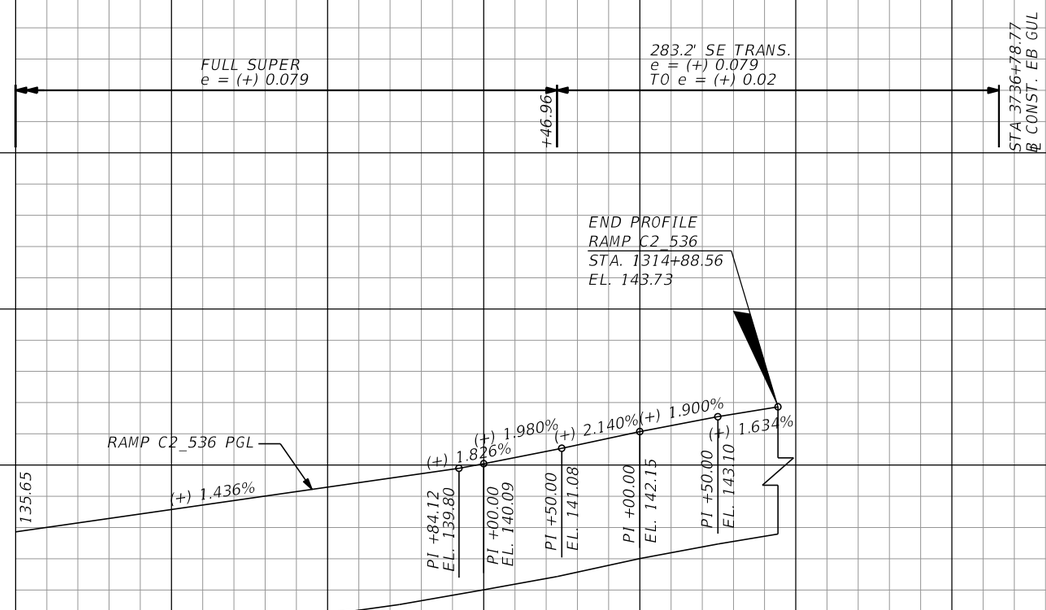

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C2_536 PROFILE SHEET

SHEET NO. 281

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336' SE TRANS.
e = (+) 0.03
TO e = (+) 0.10

FULL SUPER
e = (+) 0.10

+19.98

+55.98

BEGIN PROFILE
RAMP C3_536
STA. 1403+20.87
EL. 100.41

(-)0.103%

(-)0.380%

(-)0.480%

(-)0.880%

(-)0.762%

(-) 1.191%

(-) 1.191%

(+) 4.000%

(+) 4.000%

(-)2.749% (RT)

(+)0.942% (RT)

PI +00.00
EL. 100.19

PI +50.00
EL. 99.95

PI +50.00
EL. 100.38
BE

PI +87.98
EL. 98.85

PI +92.06
EL. 99.58

PI +97.00
EL. 93.98

S135B-002

S135B-007

S135B-010

S135B-011

S135B-014

BE

520' V.C.
K = 100

+37.00 EL. 97.08

96.52

96.46

97.40

99.33

102.26

+57.00 EL. 104.38

RAMP C3_536 PGL

114.10

BEGIN DITCH (RT)
STA. 1414+52.87
EL. 108.65

DPI +72.15
EL. 108.12

93.41

CONST. PIPE

CONST. PIPE

CONST. PIPE

SEE C1_536 PROFILE
FOR CONTINUATION

EXISTING GROUND AT ℄ RAMP C3_536

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

1405+00

1410+00

1415+00

80

90

100

110

120

130

140

150

160

170

PRELIMINARY: NOT FOR CONSTRUCTION

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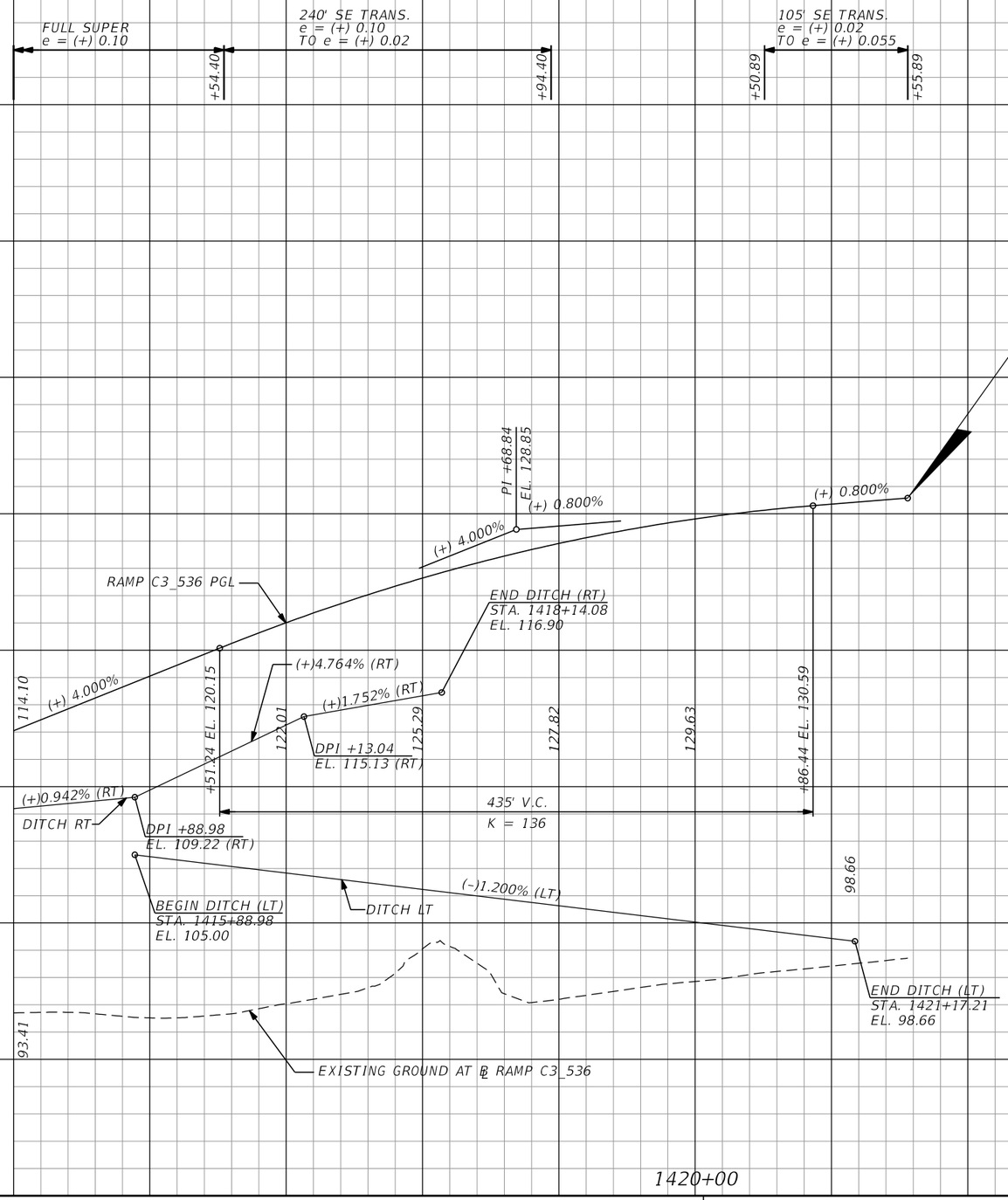
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C3_536
PROFILE SHEET

SHEET NO.
282

glen.dvorovy 2/24/2021 9:13:08 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_C3_536_01.DGN



SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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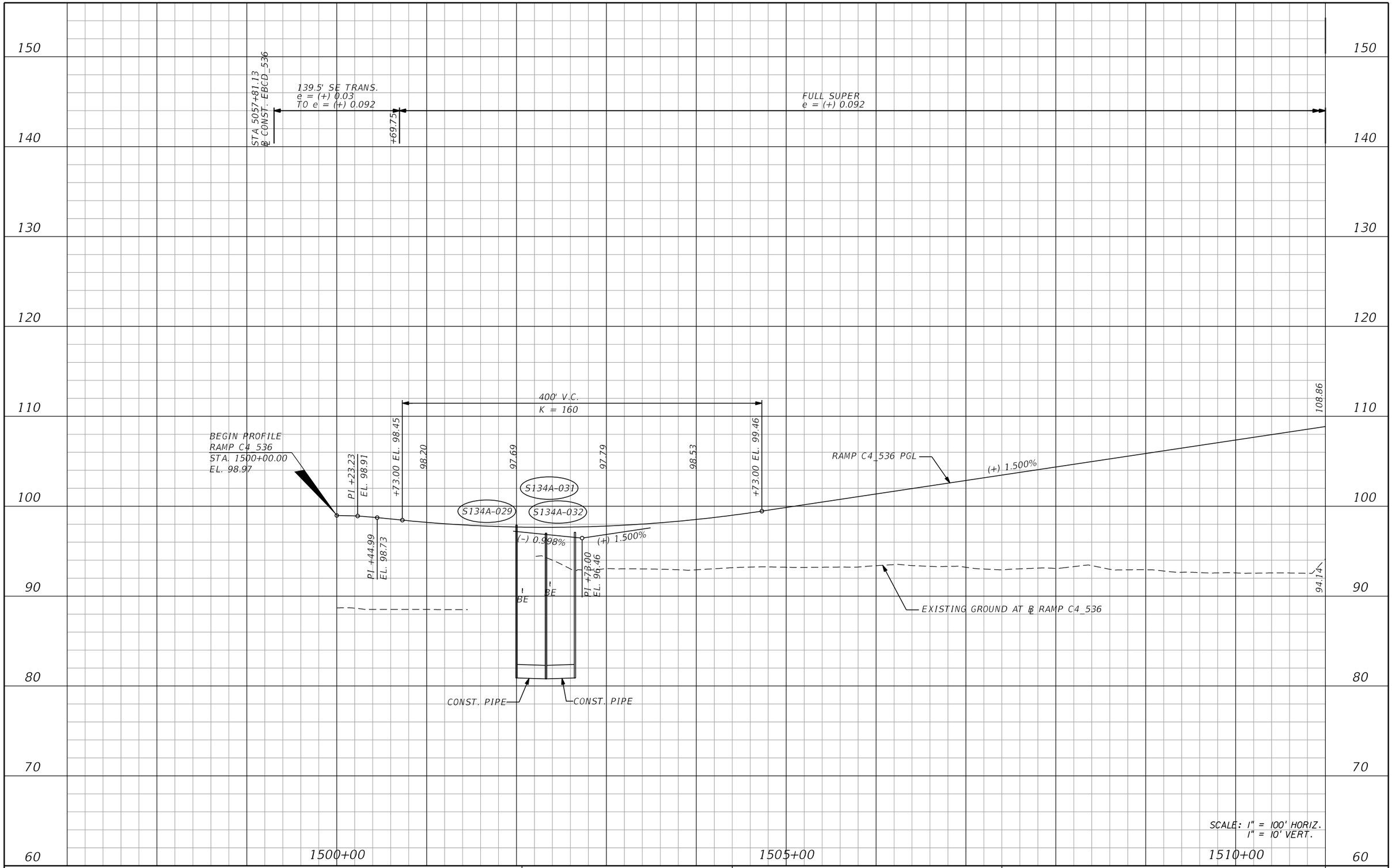
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C3_536 PROFILE SHEET

SHEET NO. 283



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C4_536
PROFILE SHEET

SHEET NO. 284

PRELIMINARY: NOT FOR CONSTRUCTION

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160

150

140

130

120

110

100

90

80

70

FULL SUPER
e = (+) 0.092

+97.90

50' SE TRANS.
e = (+) 0.092
TO e = (+) 0.075

+47.90

FULL SUPER
e = (+) 0.075

+45.94

148.5' SE TRANS.
e = (+) 0.075
TO e = (+) 0.02

STA 137+46.62
℄ SURV. SR 536

END PROFILE
RAMP C4_536
STA. 1515+75.64
EL. 122.42

250' V.C.
K = 100

+65.00 EL. 109.84

110.42

112.77

116.12

+15.00 EL. 116.71

PI +50.00
EL. 118.11

PI +80.00
EL. 119.24

PI +17.52
EL. 120.49

PI +46.39
EL. 121.39

RAMP C4_536 PGL

108.86

(+) 1.500%

(+) 4.000%

PI +90.00
EL. 111.71

BE

94.14

BE

EXISTING GROUND AT ℄ RAMP C4_536

1515+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C4_536
PROFILE SHEET

SHEET NO. 285

PRELIMINARY: NOT FOR CONSTRUCTION

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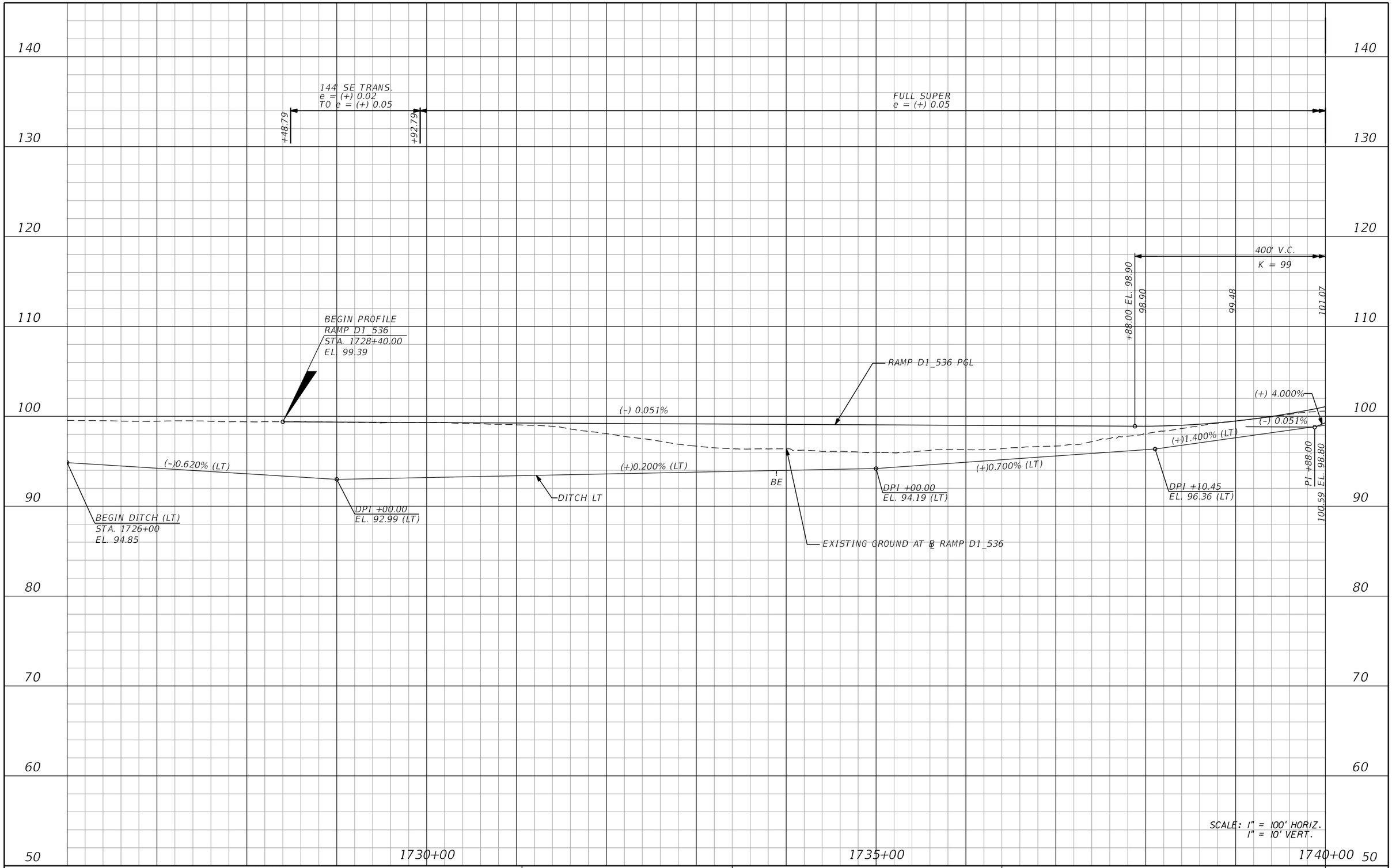

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_536 PROFILE SHEET

SHEET NO. 286

PRELIMINARY: NOT FOR CONSTRUCTION

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FULL SUPER
e = (+) 0.05

144' SE TRANS.
e = (+) 0.05
T0 e = (+) 0.02

+01.39

+45.39

PI +95.00
EL. 127.08

(+) 4.000%

(-) 1.459%

RAMP D1_536 PGL

400' V.C.
K = 99

101.07

103.67

+88.00 EL. 106.80

(+) 4.000%

+12.50 EL. 111.78

115.01

118.03

120.33

121.92

122.80

122.96

122.42

+77.50 EL. 121.50

(-) 1.459%

116.79

(+) 4.000%

(+)1.400% (LT)

(+)0.500% (LT)

(+)0.200% (LT)

(-)0.708% (LT)

DITCH LT

BE 165' V.C.
K = 140

(-)1.196% (LT)

99.98

DPI +00.43
EL. 100.42 (LT)

100.59

DPI +88.06
EL. 102.36 (LT)

DPI +89.84
EL. 102.76 (LT)

EXISTING GROUND AT ℄ RAMP D1_536

DPI +91.95
EL. 98.50 (LT)

150
140
130
120
110
100
90
80
70
60

1740+00
1745+00
1750+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

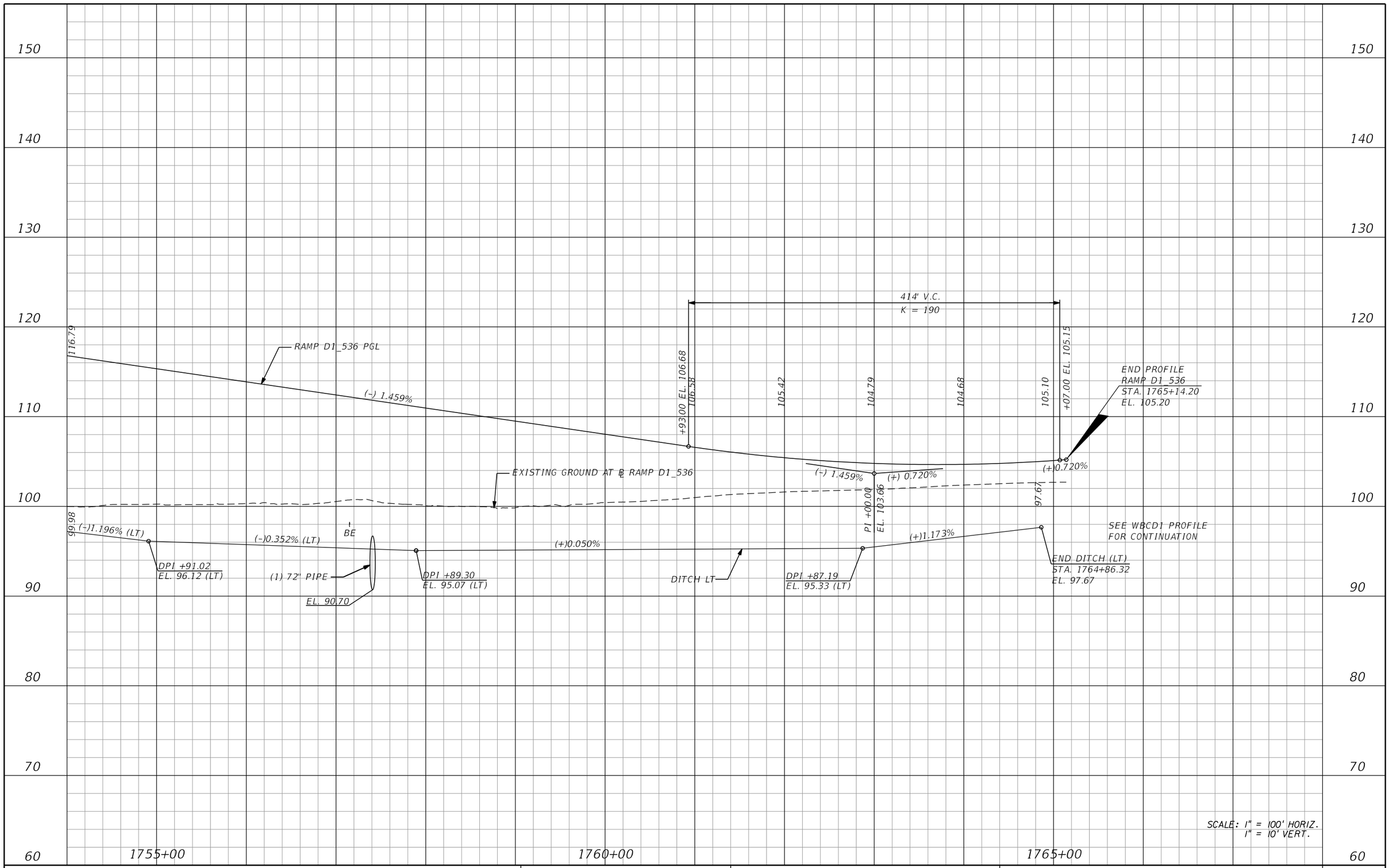
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_536
PROFILE SHEET

SHEET NO. 287

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/24/2021 9:14:21 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_D1_536_02.dgn



REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_536 PROFILE SHEET

SHEET NO. 288

PRELIMINARY: NOT FOR CONSTRUCTION

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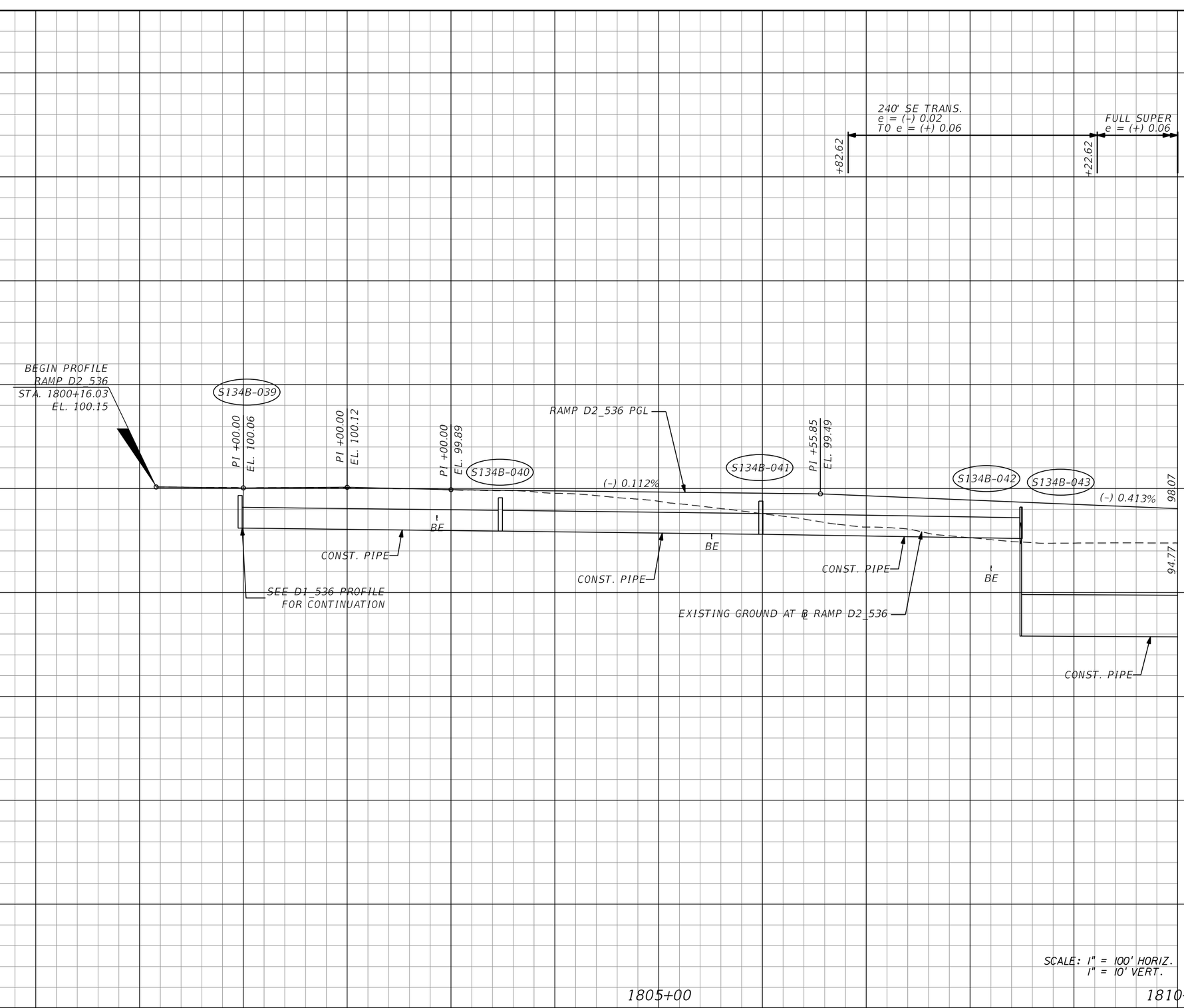

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D2_536 PROFILE SHEET

SHEET NO. 289

PRELIMINARY: NOT FOR CONSTRUCTION

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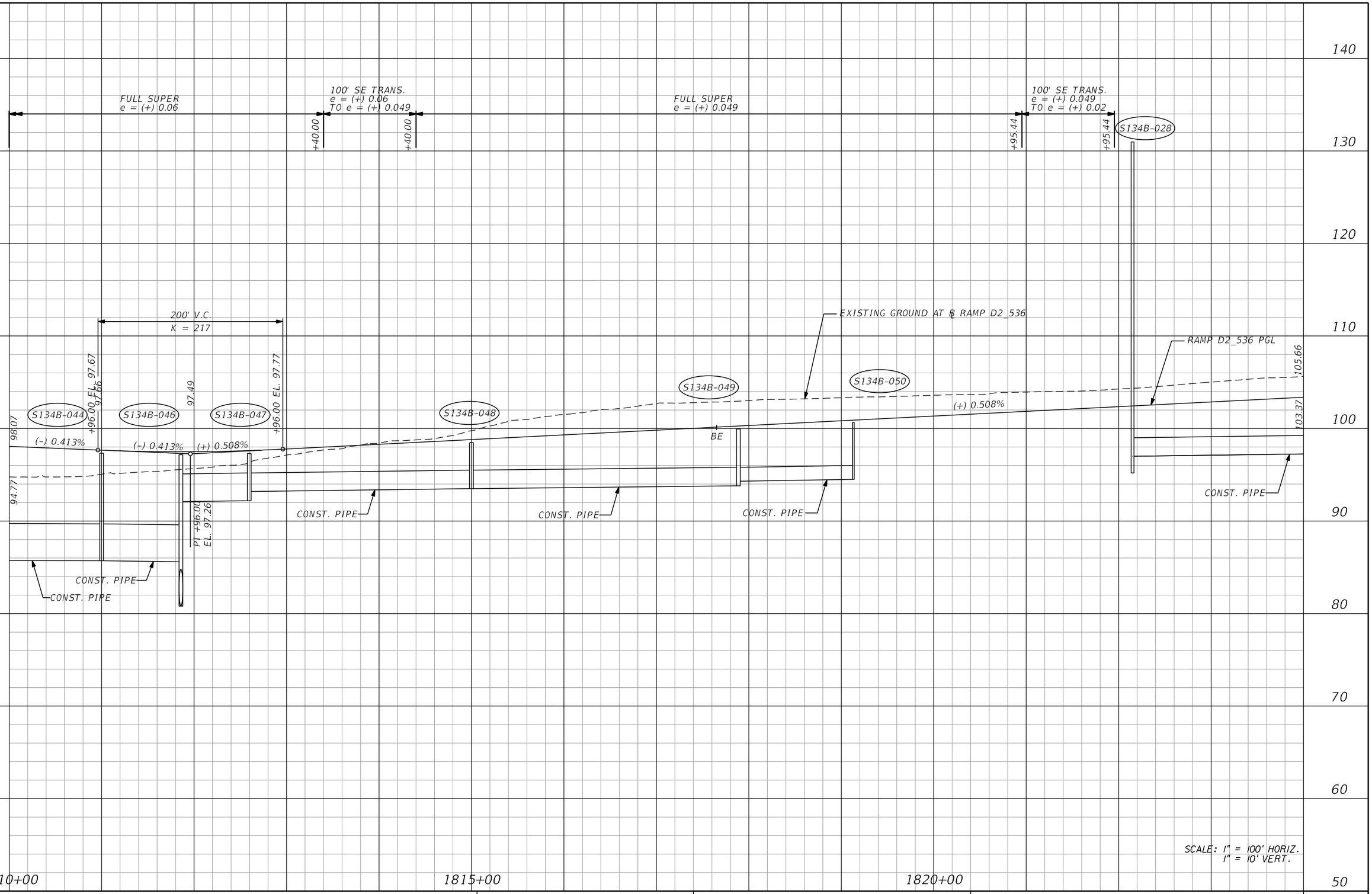

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D2_536 PROFILE SHEET

SHEET NO. 290

PRELIMINARY: NOT FOR CONSTRUCTION

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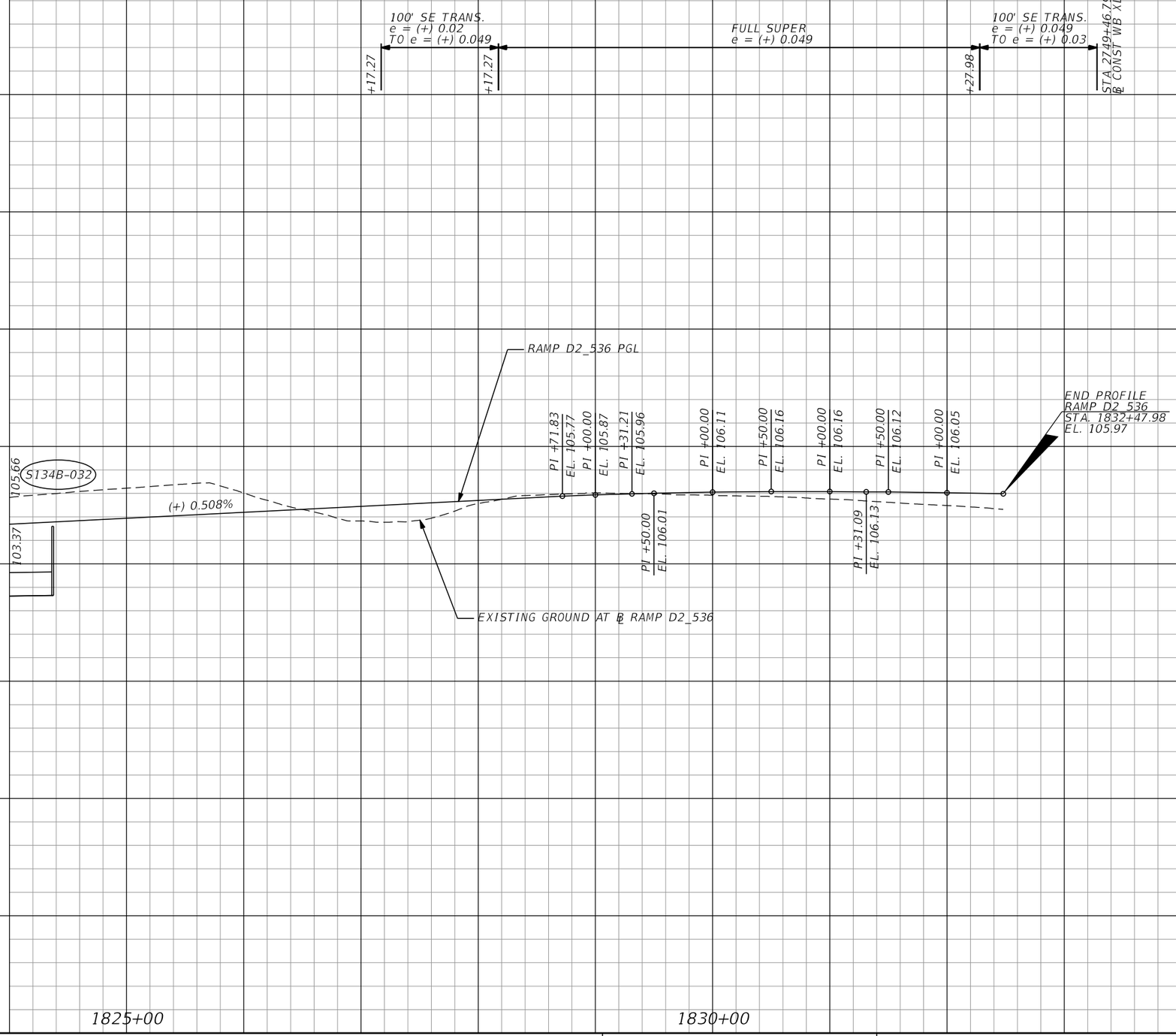

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D2_536
PROFILE SHEET

SHEET NO. 291

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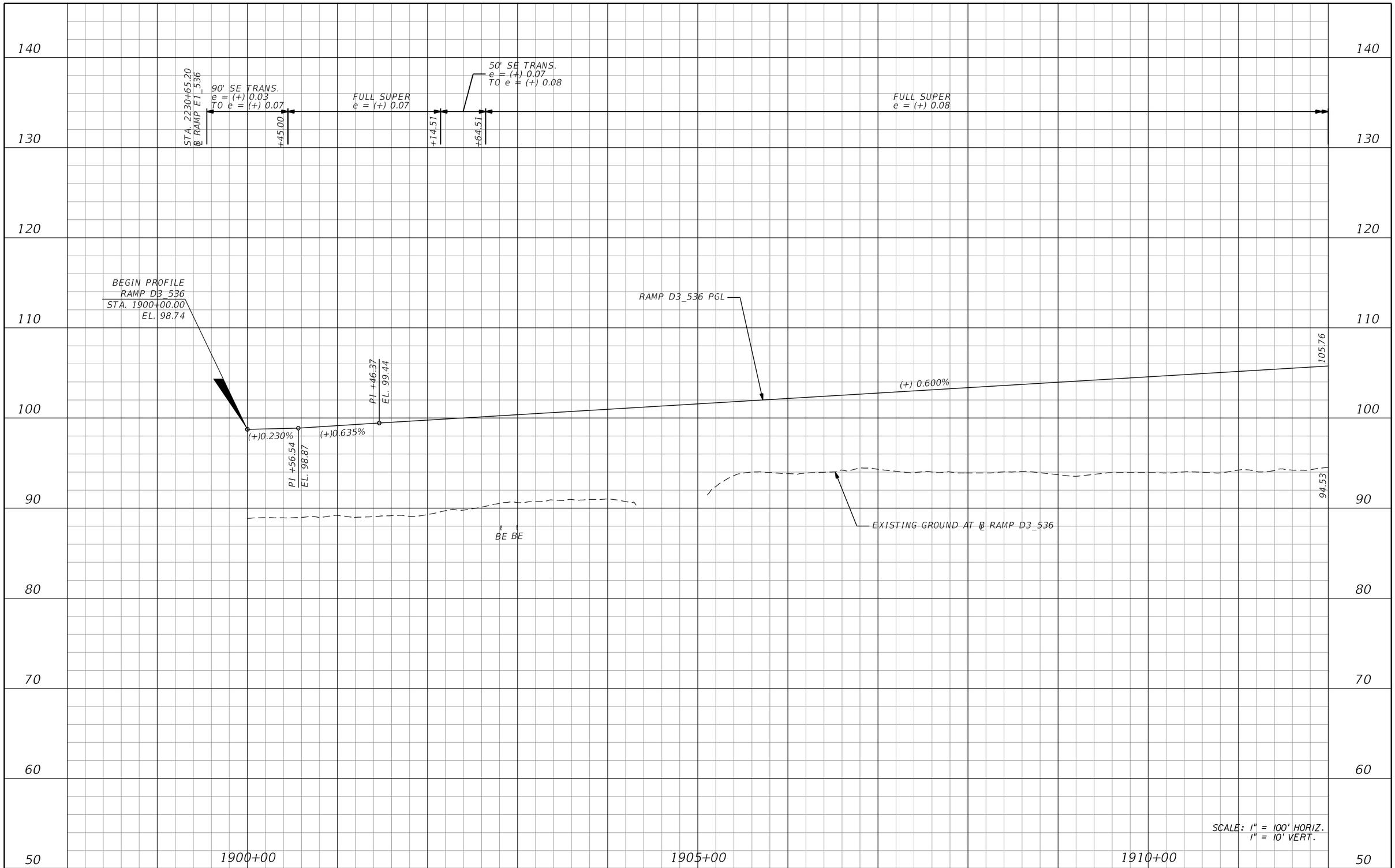

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D3_536 PROFILE SHEET

SHEET NO. 292

PRELIMINARY: NOT FOR CONSTRUCTION

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160
150
140
130
120
110
100
90
80
70

FULL SUPER
e = (+) 0.08

112.5' SE TRANS.
e = (+) 0.08
TO e = (+) 0.03

+82.48

STA. 128+77.03
℄ SURV. SR 536

540' V.C.
K = 225

END PROFILE
RAMP D3_536
STA. 1922+38.73
EL. 123.39

+99.88 EL. 107.56
107.56
108.38
109.65
111.36
113.52
116.12
+39.88 EL. 117.28

PI +50.00
EL. 120.64
PI +00.00
EL. 122.19

(+)3.113%
(+)2.871%
(+)3.112%
(+)3.793%

PI +01.18
EL. 119.12
PI +88.11
EL. 121.73

105.76
(+) 0.600%
(+) 0.600%
(+) 3.000%
PI +69.88
EL. 109.18

RAMP D3_536 PGL

BE
BE
BE

94.53

EXISTING GROUND AT ℄ RAMP D3_536

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

1915+00
1920+00

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D3_536
PROFILE SHEET

SHEET NO.
293

PRELIMINARY: NOT FOR CONSTRUCTION

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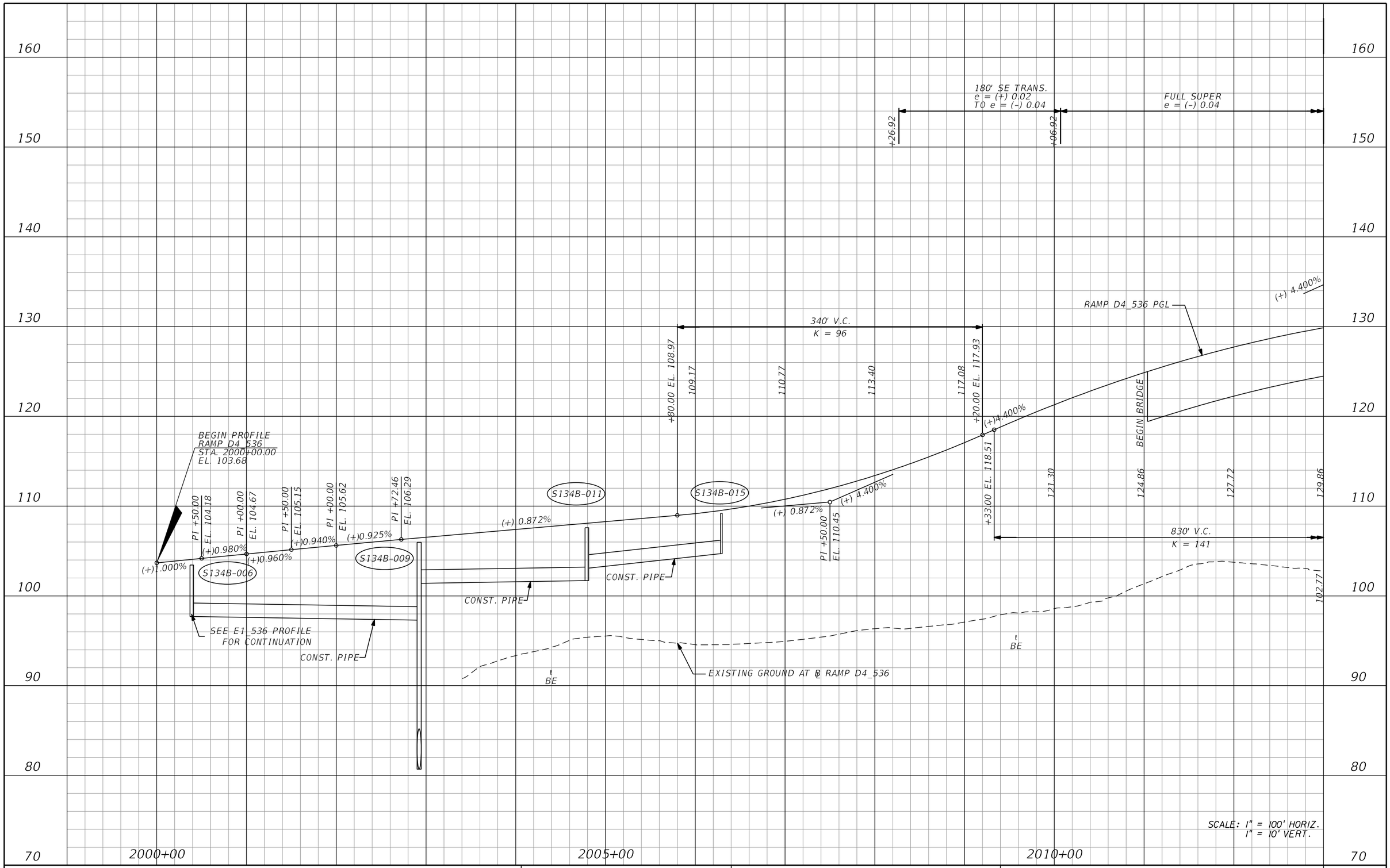

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D4_536 PROFILE SHEET

SHEET NO. 294

PRELIMINARY: NOT FOR CONSTRUCTION

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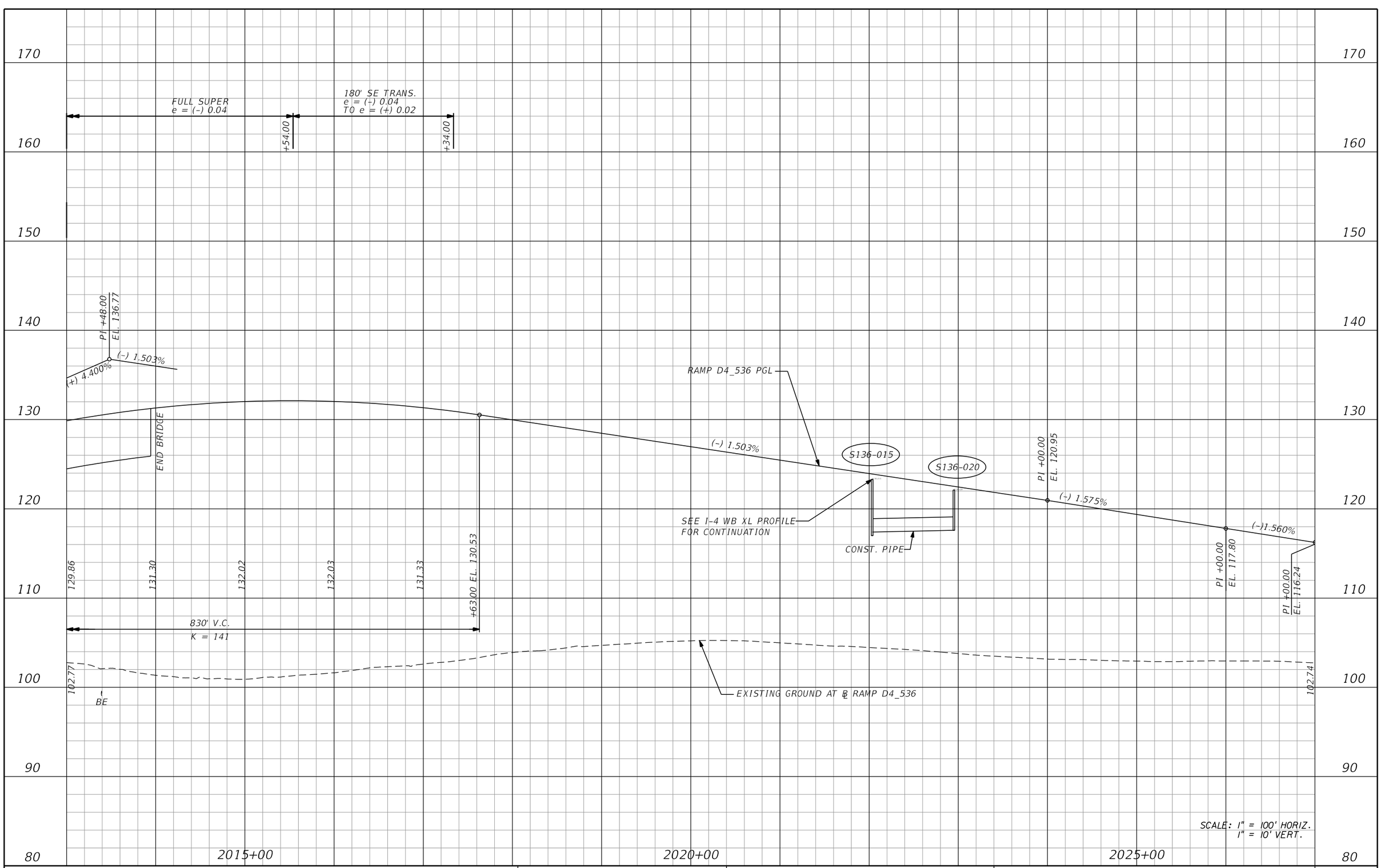

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D4_536 PROFILE SHEET

SHEET NO. 295

PRELIMINARY: NOT FOR CONSTRUCTION

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150
140
130
120
110
100
90
80
70
60

(-)1.550%
(-)1.520%
(-)1.510%
(-)1.480%
(-)1.467%

RAMP D4_536 PGL

END PROFILE
RAMP D4_536
STA. 2031+98.18
EL. 108.74

PI +00.00
EL. 116.24

PI +00.00
EL. 114.69

PI +00.00
EL. 113.17

PI +00.00
EL. 111.66

PI +00.00
EL. 110.18

102.741

EXISTING GROUND AT ℄ RAMP D4_536

(1) 72" PIPE

EL. 91.21

2030+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D4_536
PROFILE SHEET

SHEET NO.
296

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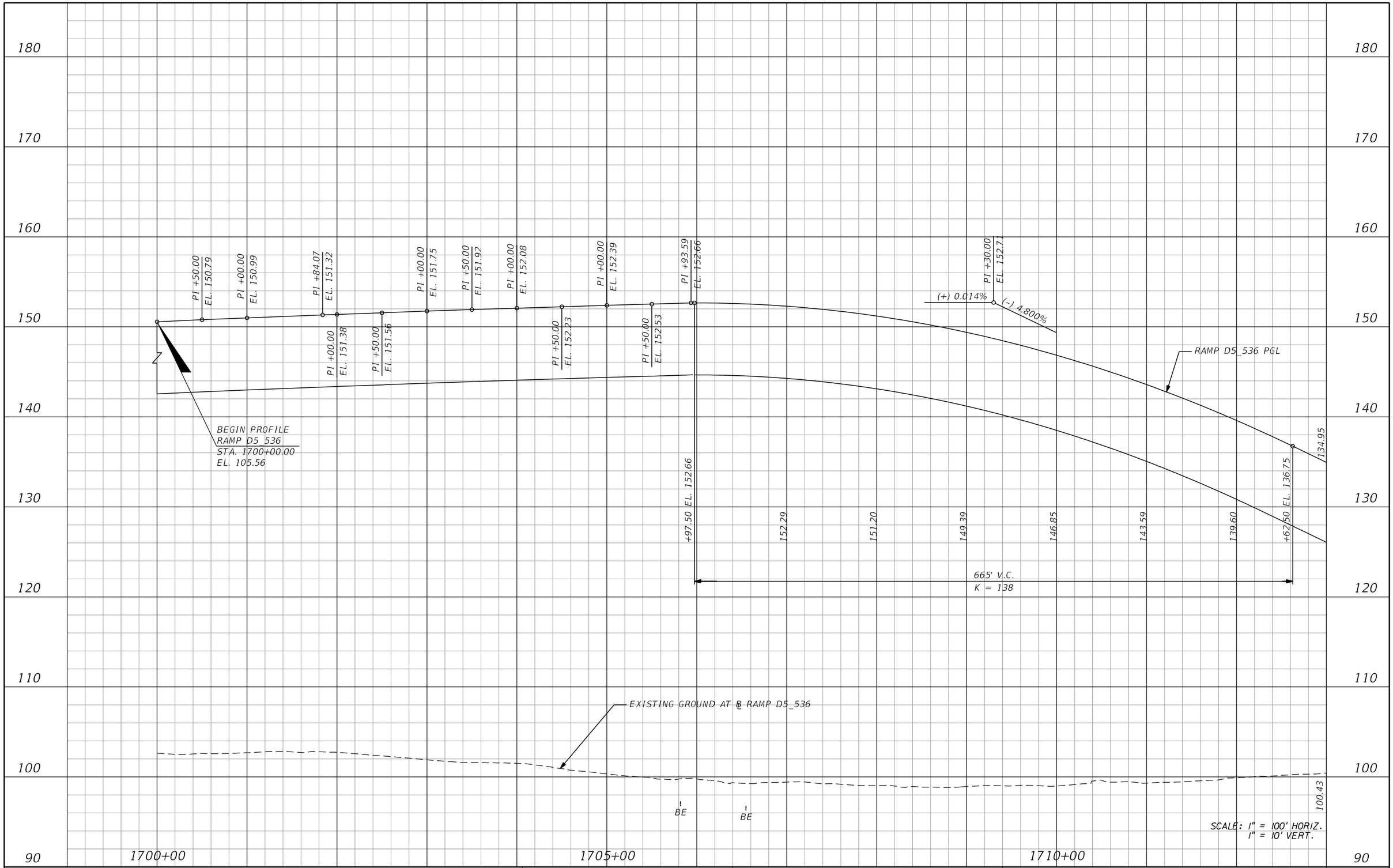

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D5_536 PROFILE SHEET

SHEET NO. 297

PRELIMINARY: NOT FOR CONSTRUCTION

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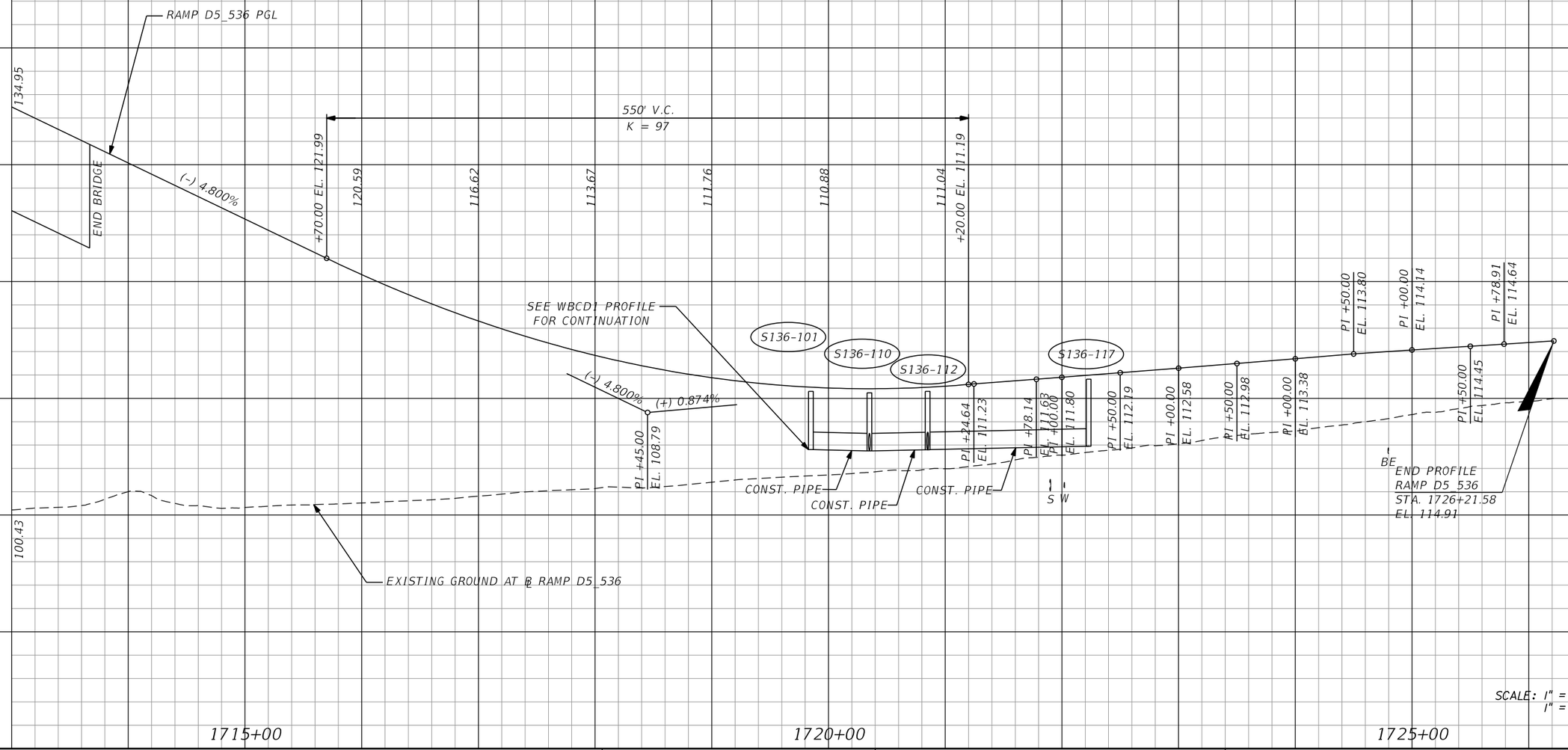

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D5_536 PROFILE SHEET

SHEET NO. 298

PRELIMINARY: NOT FOR CONSTRUCTION

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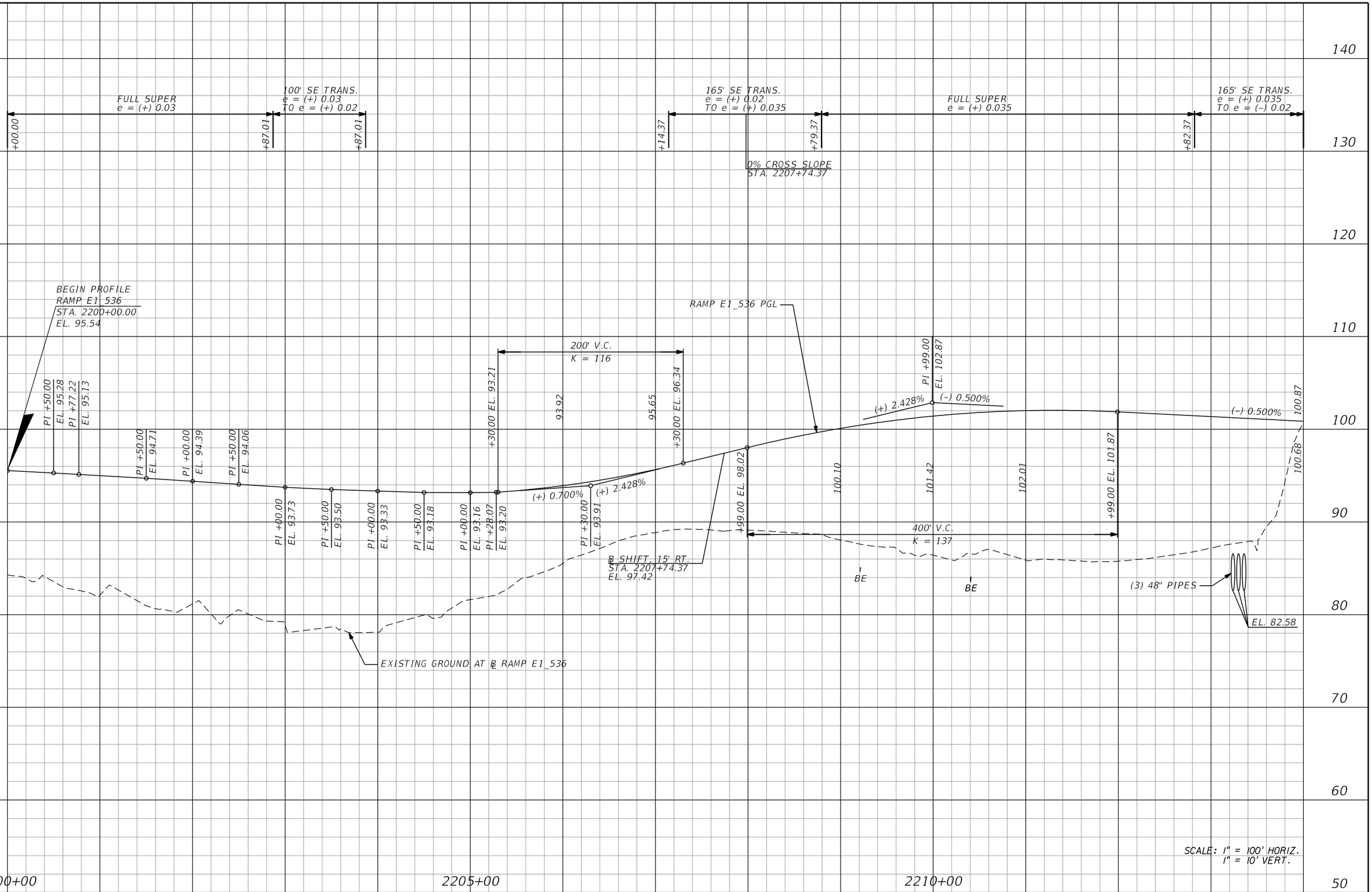

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP E1_536 PROFILE SHEET

SHEET NO. 299

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/24/2021 9:14:57 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_E1_536_01.dgn

140
130
120
110
100
90
80
70
60
50

165' SE TRANS.
e = (+) 0.035
TO e = (-) 0.02

100' SE TRANS.
e = (-) 0.02
TO e = (-) 0.033

FULL SUPER
e = (-) 0.033

100' SE TRANS.
e = (-) 0.033
TO e = (-) 0.02

+47.37
+40.00
+40.00
+10.40
+10.40

100.87
100.68

RAMP E1_536 PGL

S132-022
S132-026
S132-030

(-) 0.500%

EXISTING GROUND AT ℄ RAMP E1_536

℄ BE

CONST. PIPE

SEE E2_536 PROFILE FOR CONTINUATION

SEE A3_536 PROFILE FOR CONTINUATION

CONST. PIPE

360' V.C.
K = 240

+30.00 EL. 95.72
95.47
95.47
95.89
+90.00 EL. 96.62
96.72

S132-033
S132-038
S132-044

(-) 0.500%
(+) 1.000%

PI +10.00
EL. 94.82

CONST. PIPE
CONST. PIPE
CONST. PIPE
91.45

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

2215+00
2220+00
2225+00

REVISIONS

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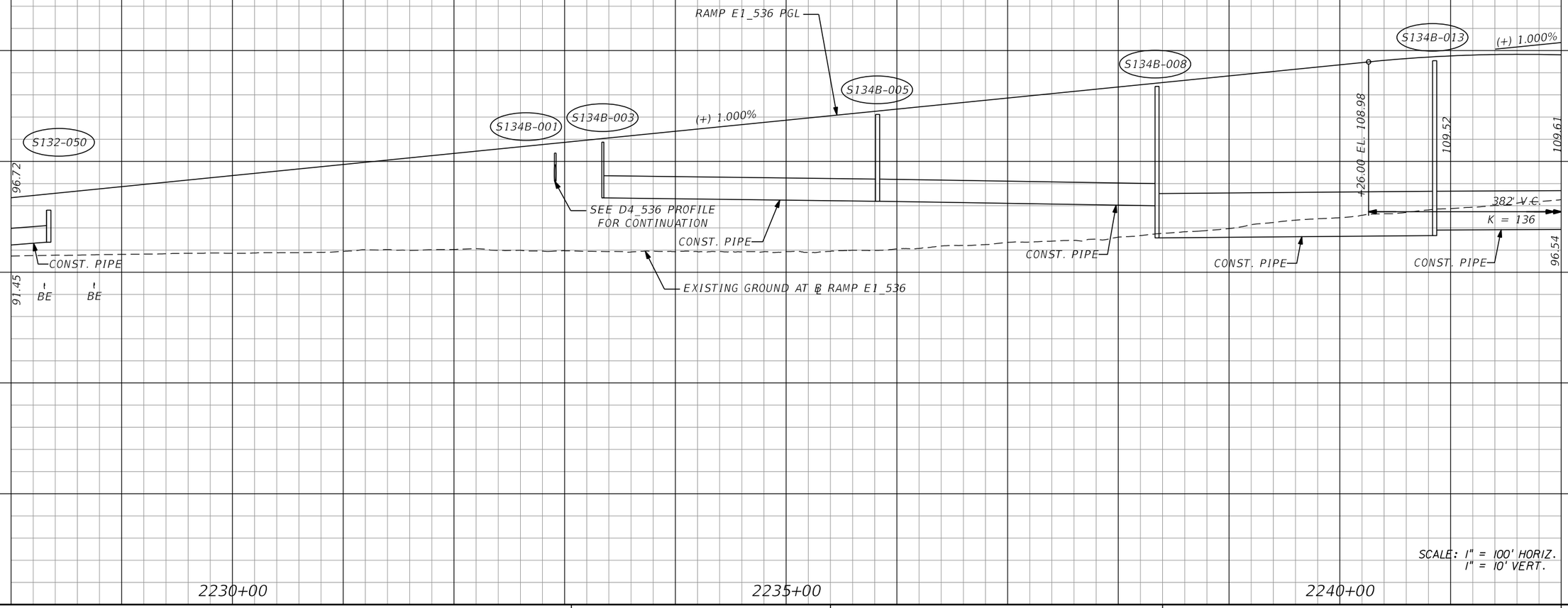
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP E1_536 PROFILE SHEET

SHEET NO. 300

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP E1_536 PROFILE SHEET

SHEET NO. 301

PRELIMINARY: NOT FOR CONSTRUCTION

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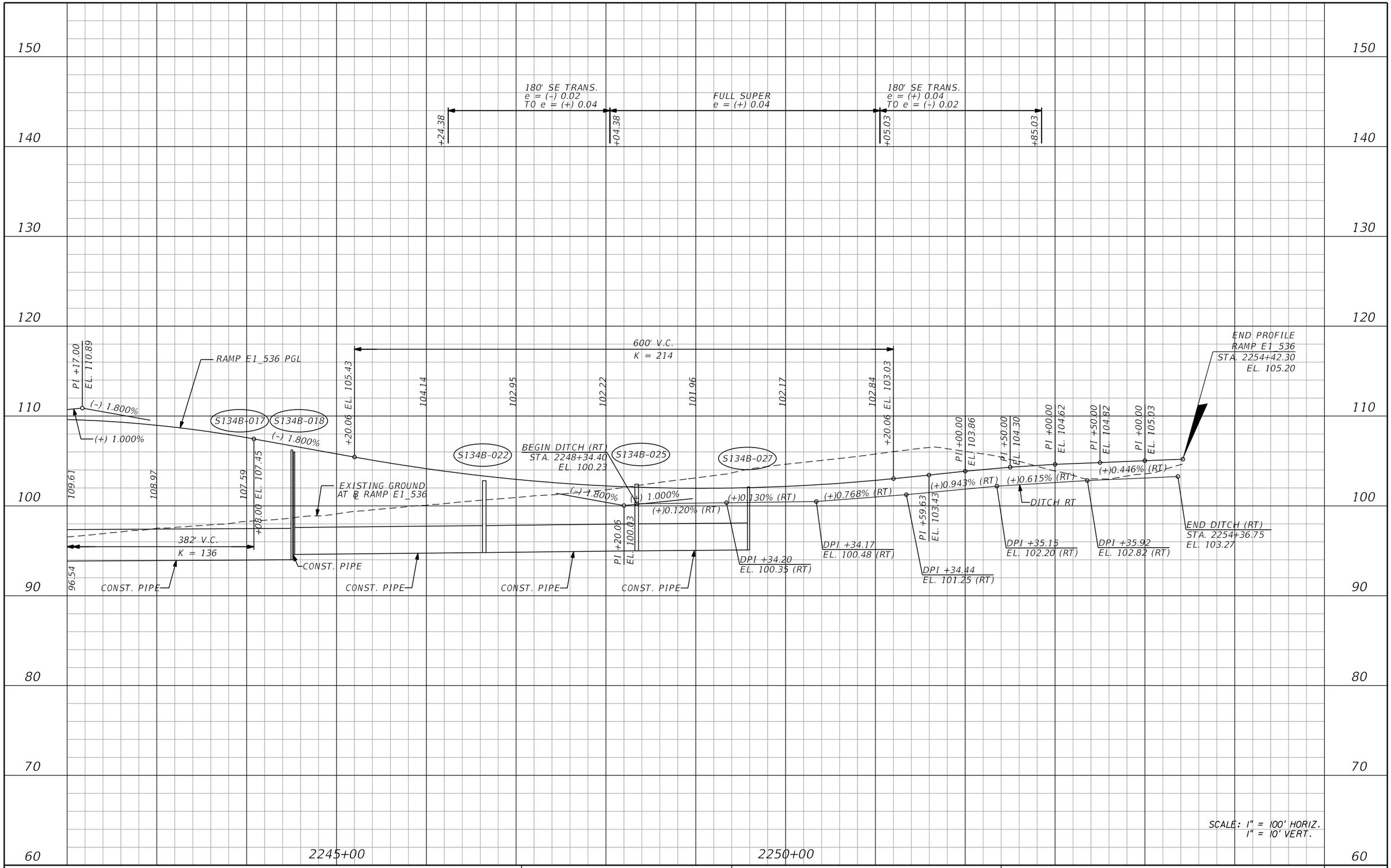

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP E1_536 PROFILE SHEET

SHEET NO. 302

glen.dvorovy 2/24/2021 9:15:07 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_E1_536_04.dgn

150
140
130
120
110
100
90
80
70
60

60' SE TRANS.
e = (-) 0.03
TO e = (-) 0.05

FULL SUPER
e = (-) 0.05

210' SE TRANS.
e = (-) 0.05
TO e = (+) 0.02

100' SE TRANS.
e = (+) 0.02
TO e = (+) 0.033

FULL SUPER
e = (+) 0.033

+00.00 | +60.00 | +71.79 | +81.79 | +19.50 | +19.50 | +78.64

BEGIN PROFILE
RAMP E2_536
STA. 2300+00.00
EL. 120.00

420' V.C.
K = 98

PI +27.47
EL. 119.00

PI +00.00
EL. 116.09

PI +50.00
EL. 113.90

PI +00.00
EL. 111.72

+30.00 EL. 110.49

107.87

105.00

103.15

102.33

+50.00 EL. 102.30

RAMP E2_536 PGL

PI +00.00
EL. 102.60

END PROFILE
RAMP E2_536
STA. 2312+78.64
EL. 99.01

S132-006

DPI +75.84
EL. 100.00 (RT)

S132-008

S132-012

S132-016

S132-020

(-) 4.100%

(+) 0.200%

(+)0.978% (RT)

(+)0.450% (RT)

(+) 0.200%

(-) 0.935%

PI +40.00
EL. 101.68

(+)6.847% (RT)

CONST. PIPE

DITCH RT

DPI +78.05
EL. 101.00 (RT)

END DITCH (RT)
STA. 2307+80.23
EL. 101.46

CONST. PIPE

+50.00 EL. 102.30

CONST. PIPE

+50.00 EL. 101.20

PI +00.00
EL. 100.73

PI +50.00
EL. 100.37

PI +72.34
EL. 100.18

PI +00.00
EL. 99.94

PI +50.00
EL. 99.72

PI +00.00
EL. 99.50

PI +50.00
EL. 99.19

(+)6.034% (RT)

DPI +73.60
EL. 93.00 (RT)

BEGIN DITCH (RT)
STA. 2304+62.00
EL. 92.30

BE

BE

102.35

102.17

101.62

(3) 48" PIPES

CONST. PIPE

SEE E1_536 PROFILE
FOR CONTINUATION

BE

EXISTING GROUND AT ℄ RAMP E2_536

EL. 82.55

300' V.C.
K = 264

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

2300+00 | 2305+00 | 2310+00

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP E2_536 PROFILE SHEET

SHEET NO. 303

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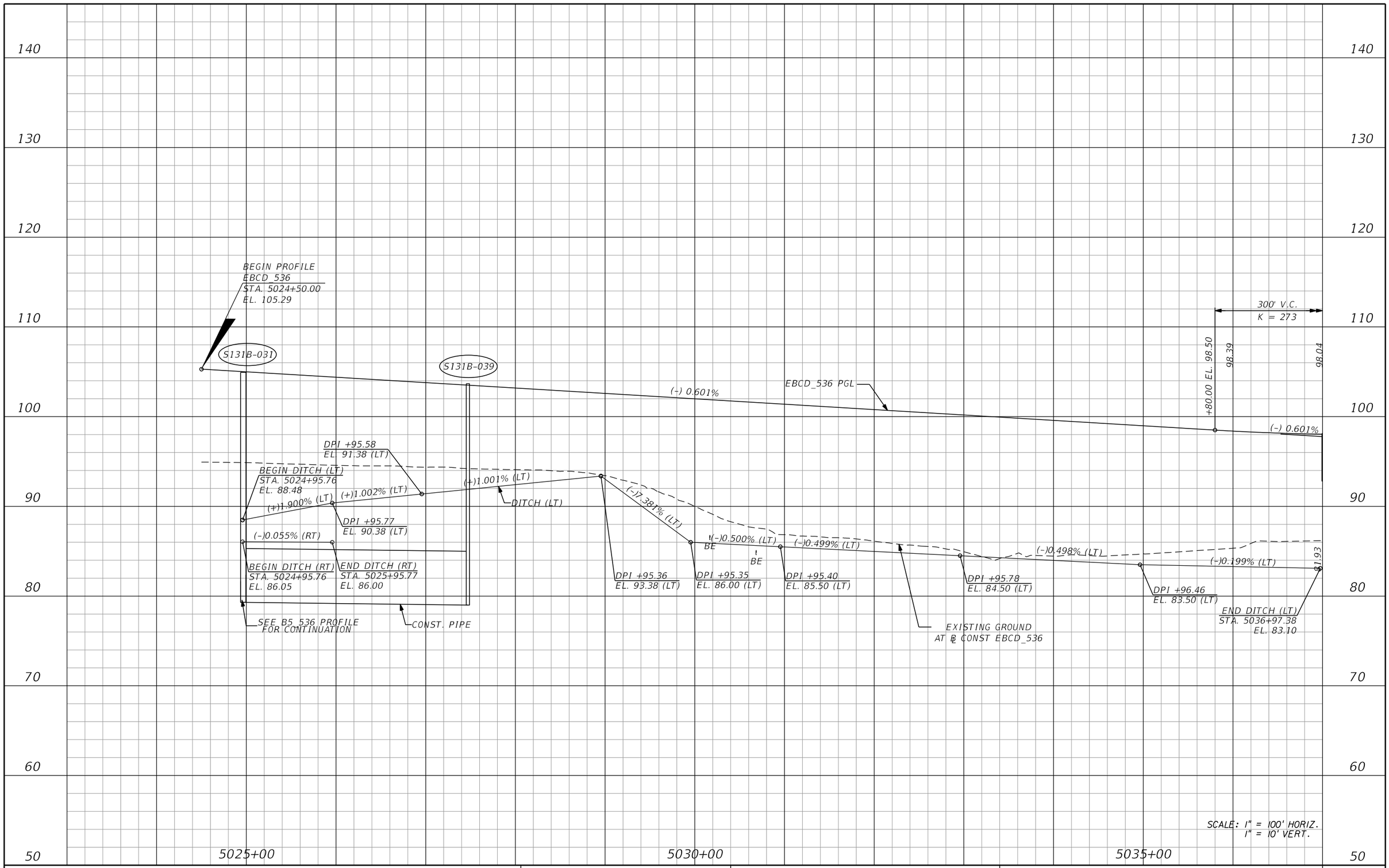

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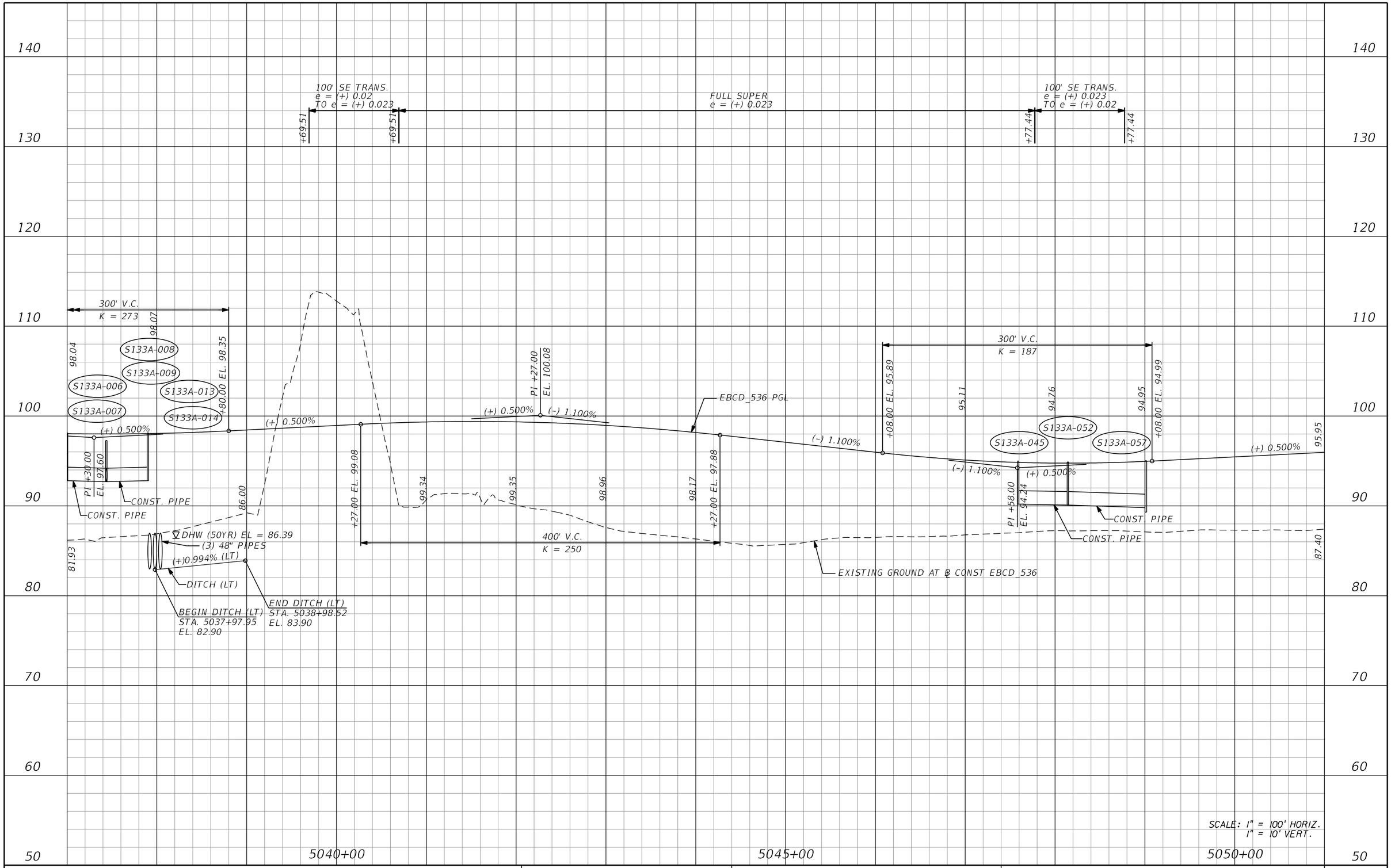
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EBCD_536
PROFILE SHEET

SHEET NO. 304

PRELIMINARY: NOT FOR CONSTRUCTION



PRELIMINARY: NOT FOR CONSTRUCTION

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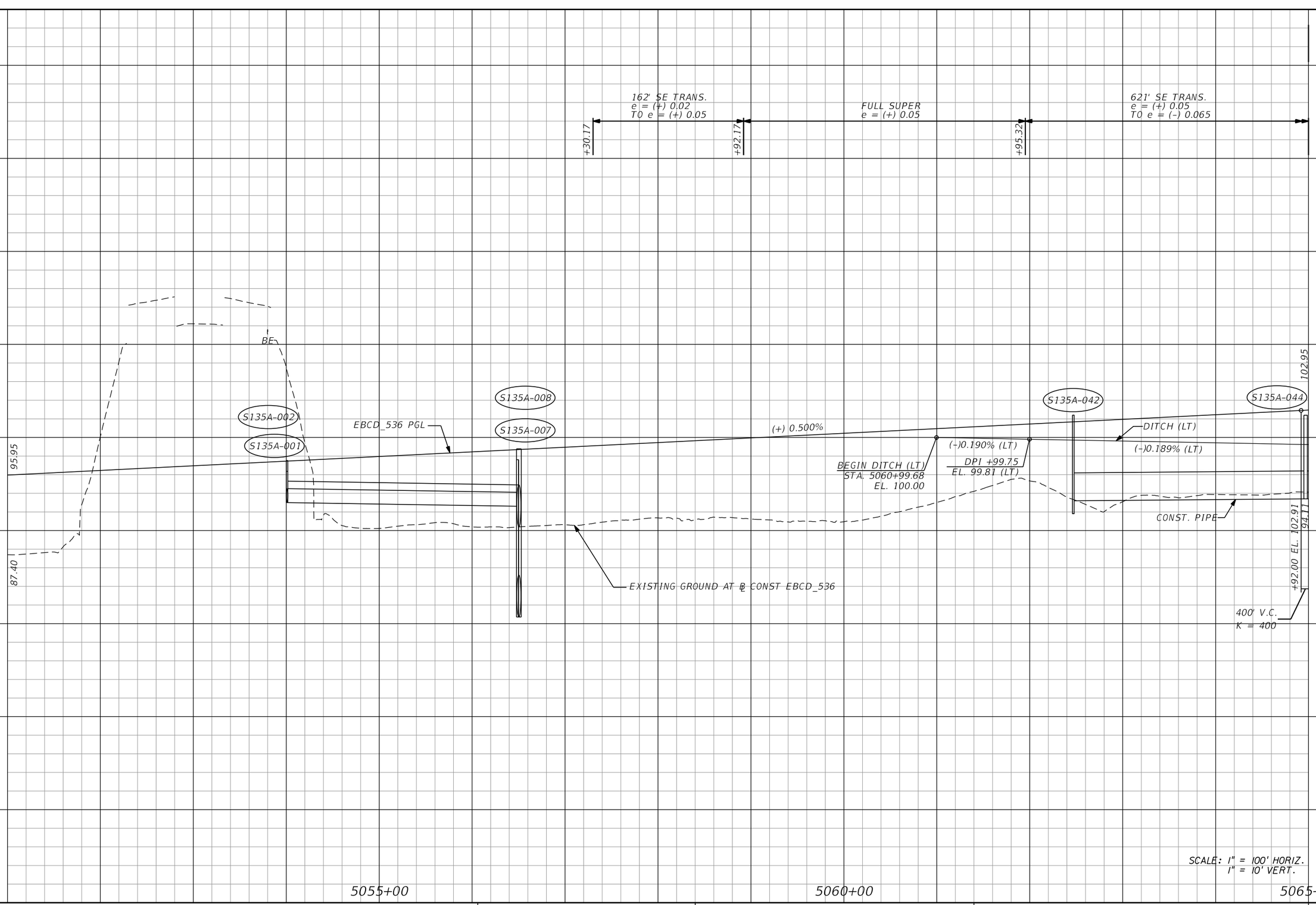
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EBCD_536
PROFILE SHEET

SHEET NO. 305



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EBCD_536
PROFILE SHEET

SHEET NO. 306

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/24/2021 9:15:20 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_EBCD_536_03.dgn

150 140 130 120 110 100 90 80 70 60

621' SE TRANS.
e = (+) 0.05
TO e = (-) 0.065

+16.32

FULL SUPER
e = (-) 0.065

+79.94

648' SE TRANS.
e = (-) 0.065
TO e = (+) 0.055

FULL SUPER
e = (+) 0.055

+27.94

K = 290
340' V.C.

102.95 | PI +92.00 EL. 103.91 | +60.00 EL. 102.57 | 102.40 | 102.21 | 102.37 | 98.50 | +00.00 EL. 102.87 | 106.91

S135A-046 | S135-047 | S135A-049 | S135A-051 | S135A-052 | EBCD_536 PGL

(+) 0.500% | (-) 0.500% | (-) 0.500% | (-) 0.500% | (+) 0.673% | (+) 0.673%

DPI +01.82
EL. 99.05 (LT)

DPI +02.80
EL. 98.86 (LT)

DITCH (LT)

PI +30.00
EL. 101.72

(-)0.189% (LT) | (-)0.188% (LT) | (-)0.189% (LT) | (+)0.398% (LT)

BE | BE | BE | 104.49

94.11 | 103.31 | 103.41 | 103.27 | +92.00 EL. 102.91

CONST. PIPE | CONST. PIPE | CONST. PIPE | CONST. PIPE | CONST. PIPE

CONST. PIPE
DPI +04.42
EL. 98.10 (LT)

END DITCH (LT)
STA. 5072+05.00
EL. 98.50

EXISTING GROUND AT ℄ CONST EBCD_536

400' V.C.
K = 400

5065+00 | 5070+00 | 5075+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EBCD_536
PROFILE SHEET

SHEET NO. 307

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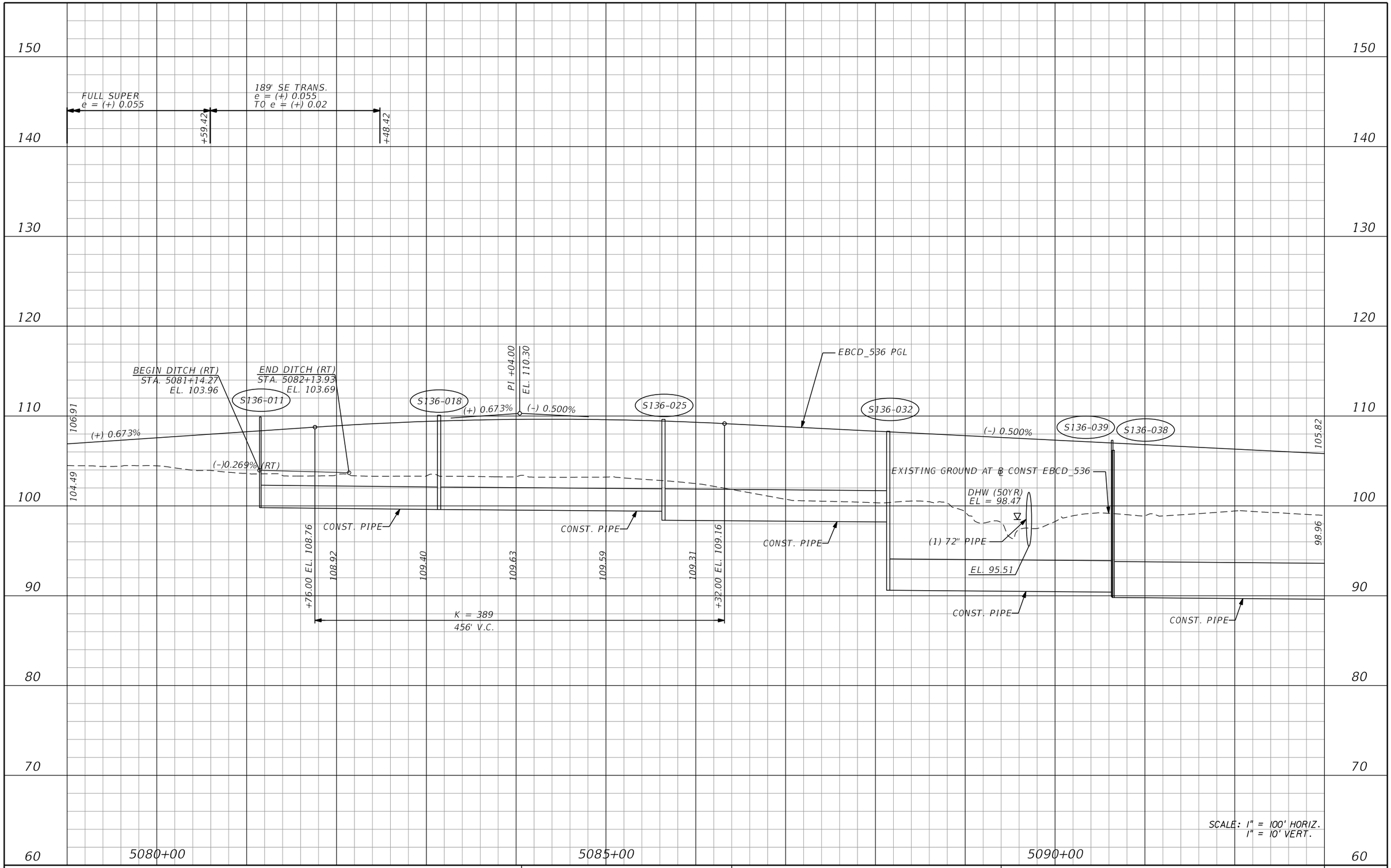

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EBCD_536
PROFILE SHEET

SHEET NO.
308

PRELIMINARY: NOT FOR CONSTRUCTION

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150

140

130

120

110

100

90

80

70

60

100' SE TRANS.
OUTSIDE LANE
e = (-) 0.03
TO e = (-) 0.02

+23.73

+23.73

K = 215
300' V.C.

+00.00 EL. 104.32

104.05

104.25

+00.00 EL. 104.92

END PROFILE
EBCD_536
STA. 5099+23.73
EL. 105.13

105.82

S136-045

EBCD_536 PGL

(-) 0.500%

S136-057

S136-068

S136-072

S136-071

(-) 0.500%

(+) 0.898%

P.I. +50.00
EL. 103.57

S136-070

EXISTING GROUND AT ℄ CONST EBCD_536

98.96

SEE ℄ B1_535 PROFILE FOR
CONTINUATION; FL 99.50

CONST. PIPE

CONST. PIPE

CONST. PIPE

(1) 54" PIPE

EL. 88.30

SEE ℄ B1_535 PROFILE FOR
CONTINUATION

5095+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EBCD_536
PROFILE SHEET

SHEET NO.
309

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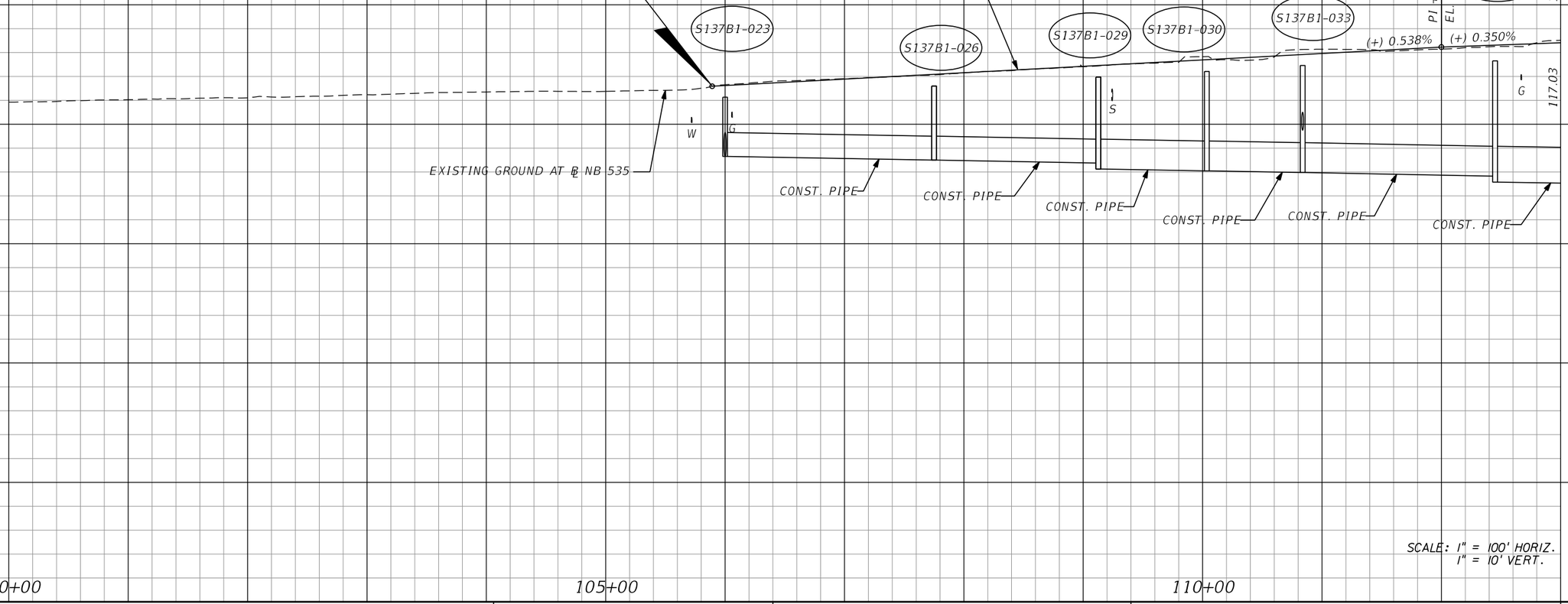

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

NB 535
PROFILE SHEET

SHEET NO.
310

PRELIMINARY: NOT FOR CONSTRUCTION

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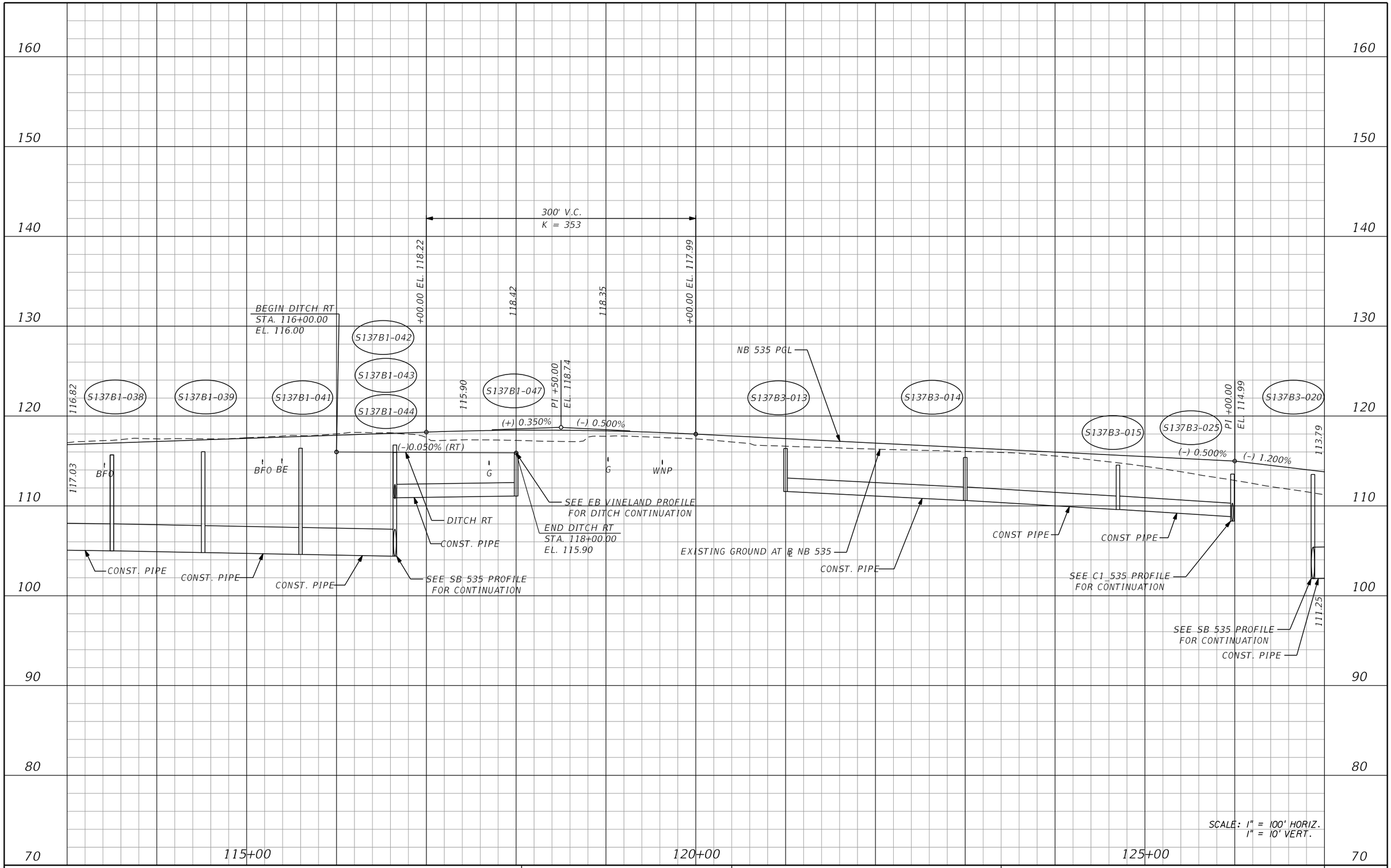

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

NB 535
PROFILE SHEET

SHEET NO.
311

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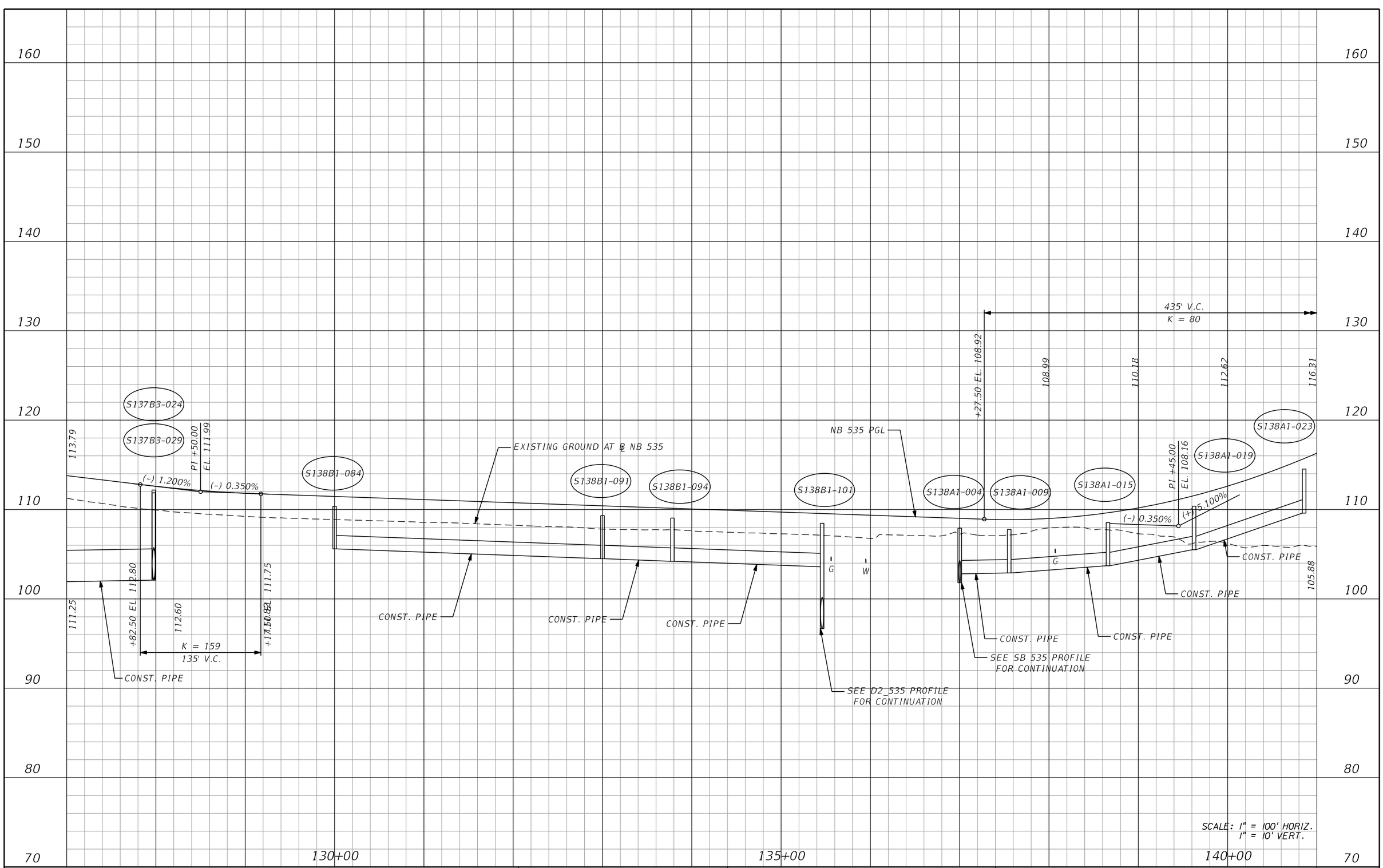

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

NB 535
PROFILE SHEET

SHEET NO.
312

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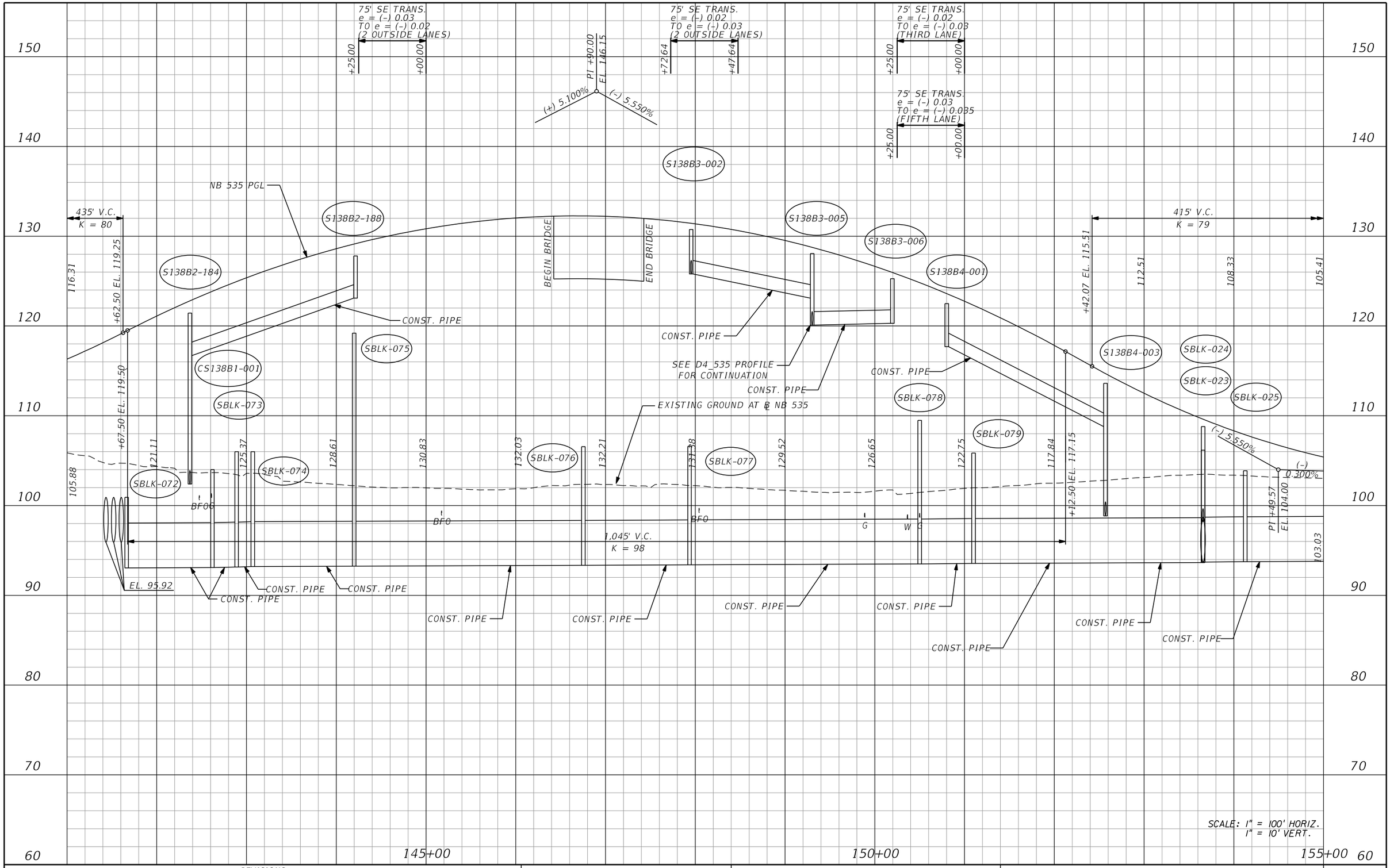

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

NB 535
PROFILE SHEET

SHEET NO. 313

PRELIMINARY: NOT FOR CONSTRUCTION

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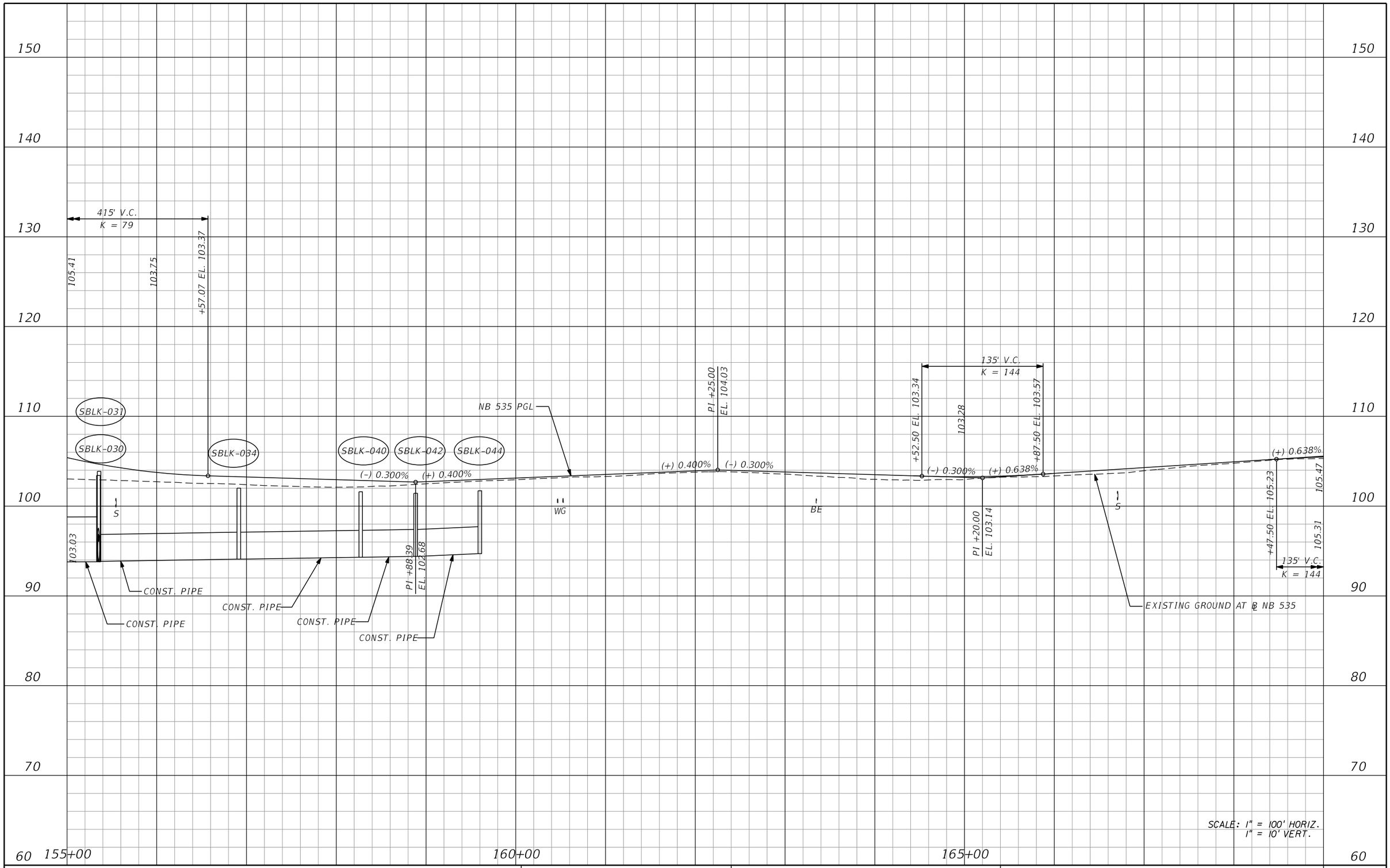

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

NB 535
PROFILE SHEET

SHEET NO. 314

PRELIMINARY: NOT FOR CONSTRUCTION

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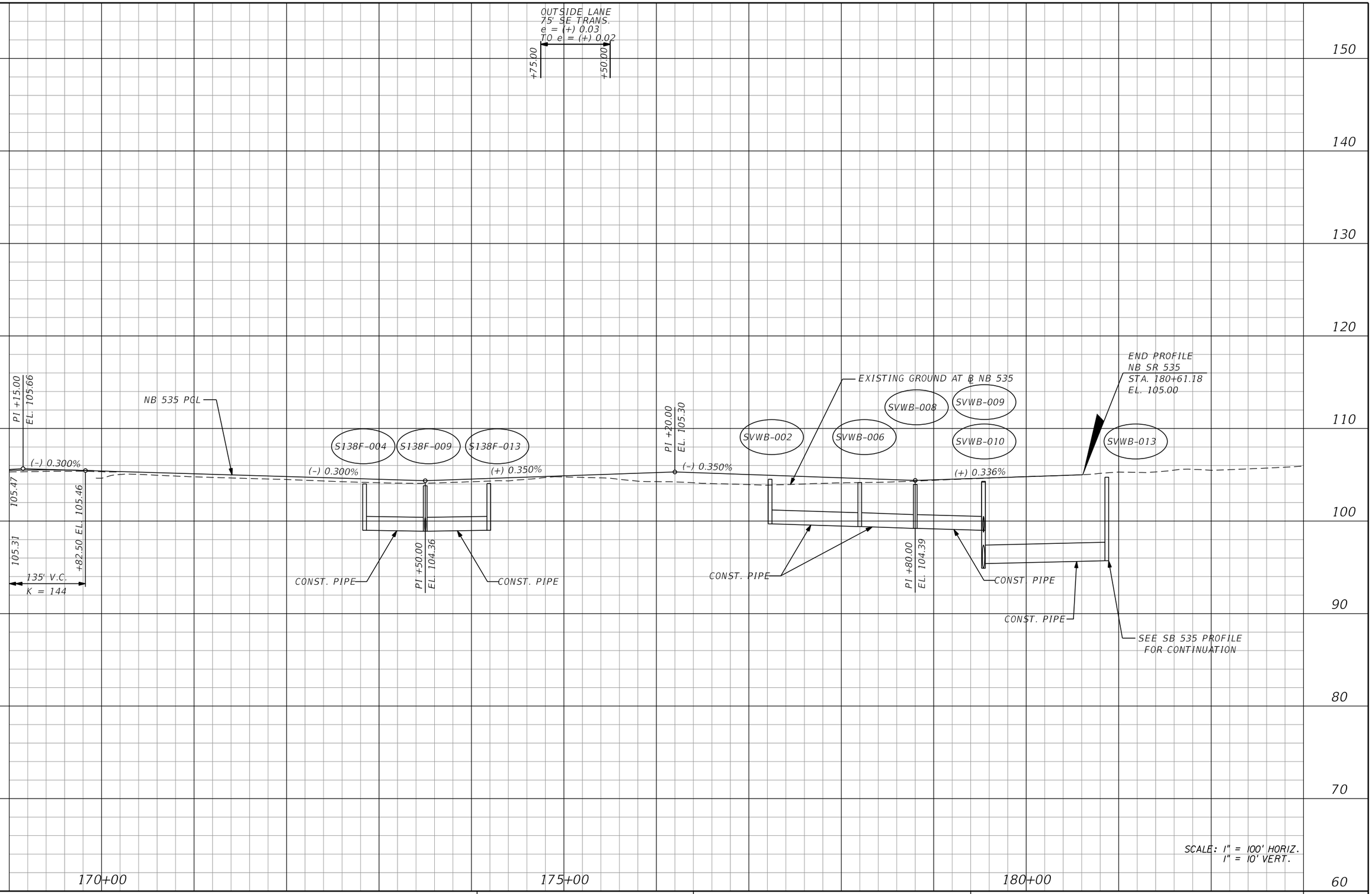

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

NB 535
PROFILE SHEET

SHEET NO. 315

PRELIMINARY: NOT FOR CONSTRUCTION

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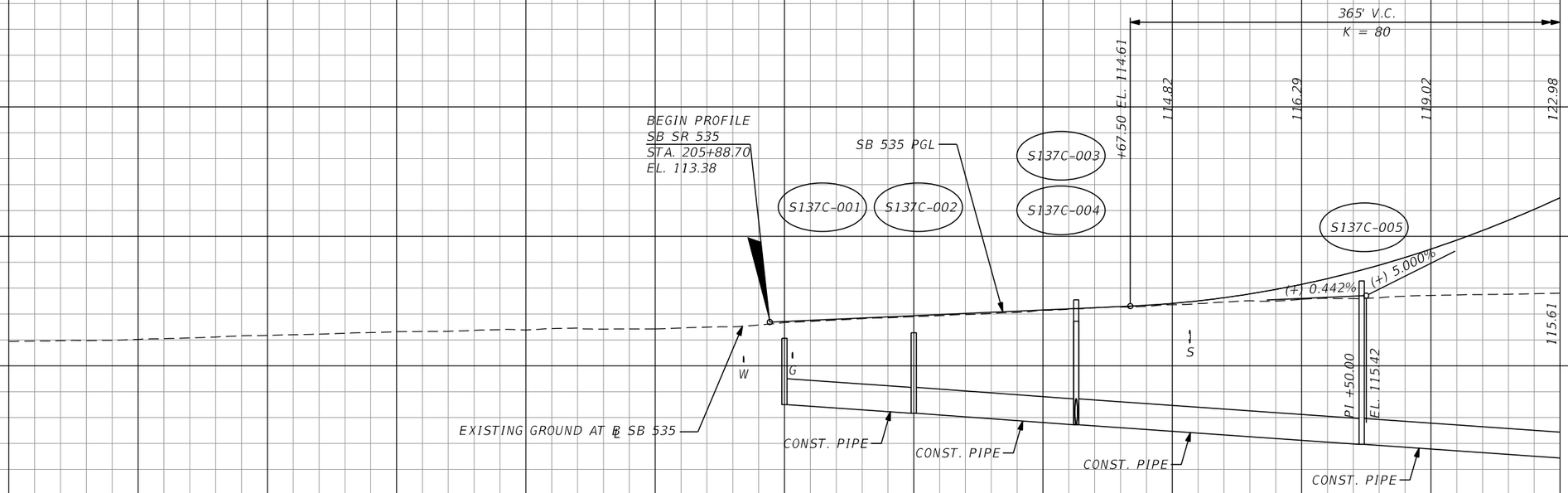

160 150 140 130 120 110 100 90 80 70

200+00 205+00 210+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SB 535
PROFILE SHEET

SHEET NO. 316

PRELIMINARY: NOT FOR CONSTRUCTION

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PI #65.00
EL. 156.17

(+) 5.000%

(-) 5.000%

75' SE TRANS.
e = (-) 0.03
TO e = (-) 0.02
(2 OUTSIDE LANES)

+01.41

+76.41

75' SE TRANS.
e = (-) 0.02
TO e = (-) 0.03
(2 OUTSIDE LANES)

+64.79

+39.79

SB 535 PGL

S137C-007

S137C-008

S137C-006

S137C-009

S137C-010

S137B2-099

S137B2-095

S137B3-018

BEGIN BRIDGE

END BRIDGE

365' V.C.
K = 80

370' V.C.
K = 80

1,000' V.C.
K = 100

122.98

+32.50 EL. 124.54

+65.00 EL. 131.17

132.86

137.01

140.16

142.31

143.46

143.61

142.76

140.91

138.06

134.21

+65.00 EL. 131.17

+60.00 EL. 121.42

119.52

115.61

112.39

G

BFO

BE

G

WNP

WNP

EXISTING GROUND AT ℄ SB 535

CONST. PIPE

CONST. PIPE

CONST. PIPE

CONST. PIPE

CONST. PIPE

CONST. PIPE

160
150
140
130
120
110
100
90
80
70

215+00

220+00

225+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SB 535
PROFILE SHEET

SHEET NO.
317

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160
150
140
130
120
110
100
90
80
70

75' SE TRANS.
e = (-) 0.02
TO e = (+) 0.02
(INSIDE LANE)
+25.00
+00.00

75' SE TRANS.
e = (-) 0.02
TO e = (-) 0.03
(MIDDLE THRU LANE)
+25.00
+00.00

370' V.C.
K = 80

119.52
115.65
113.04
111.68
+30.00 EL. 111.52

S137B3-023
S138B1-082
S138B1-086
S138B1-087
S138B1-090
S138B1-093
S138B1-095
S138B1-096
S138B1-097
S138B1-102
S138A1-005
S138A1-010
S138A1-013
S138A1-014
S138A1-017

SB 535 PGL

(-) 5.000%
(+) 0.350%
(-) 0.350%
(+) 0.350%

112.39
PI +45.00
EL. 112.17
108.83
106.34
PI +50.00
EL. 108.30

CONST. PIPE
SEE B3_535 PROFILE FOR CONTINUATION
CONST. PIPE
EXISTING GROUND AT ℄ SB 535
SEE D1_535 PROFILE FOR CONTINUATION
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
SEE NB_535 PROFILE FOR CONTINUATION
CONST. PIPE
CONST. PIPE
CONST. PIPE
SEE A1_535 PROFILE FOR CONTINUATION

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

230+00
235+00
240+00

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SB 535
PROFILE SHEET

SHEET NO.
318

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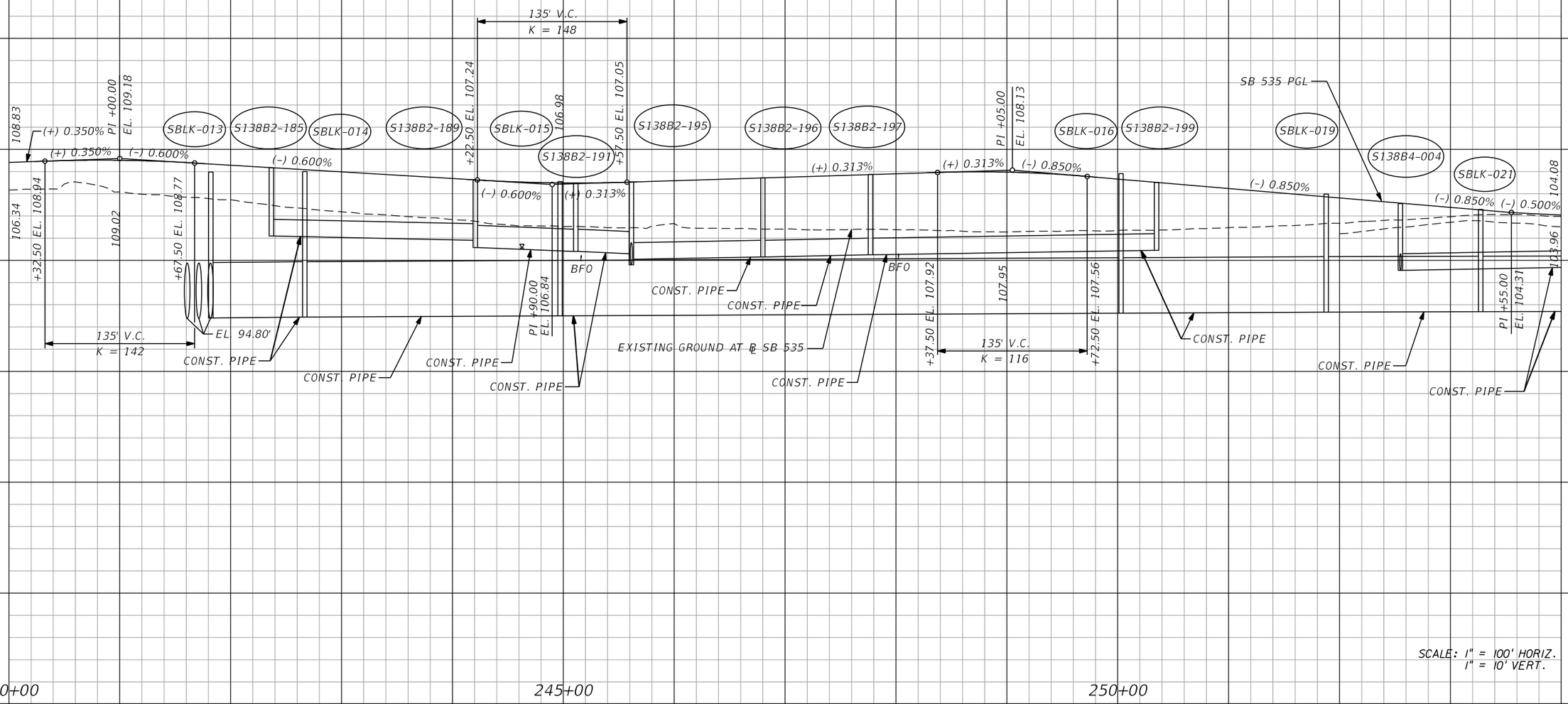

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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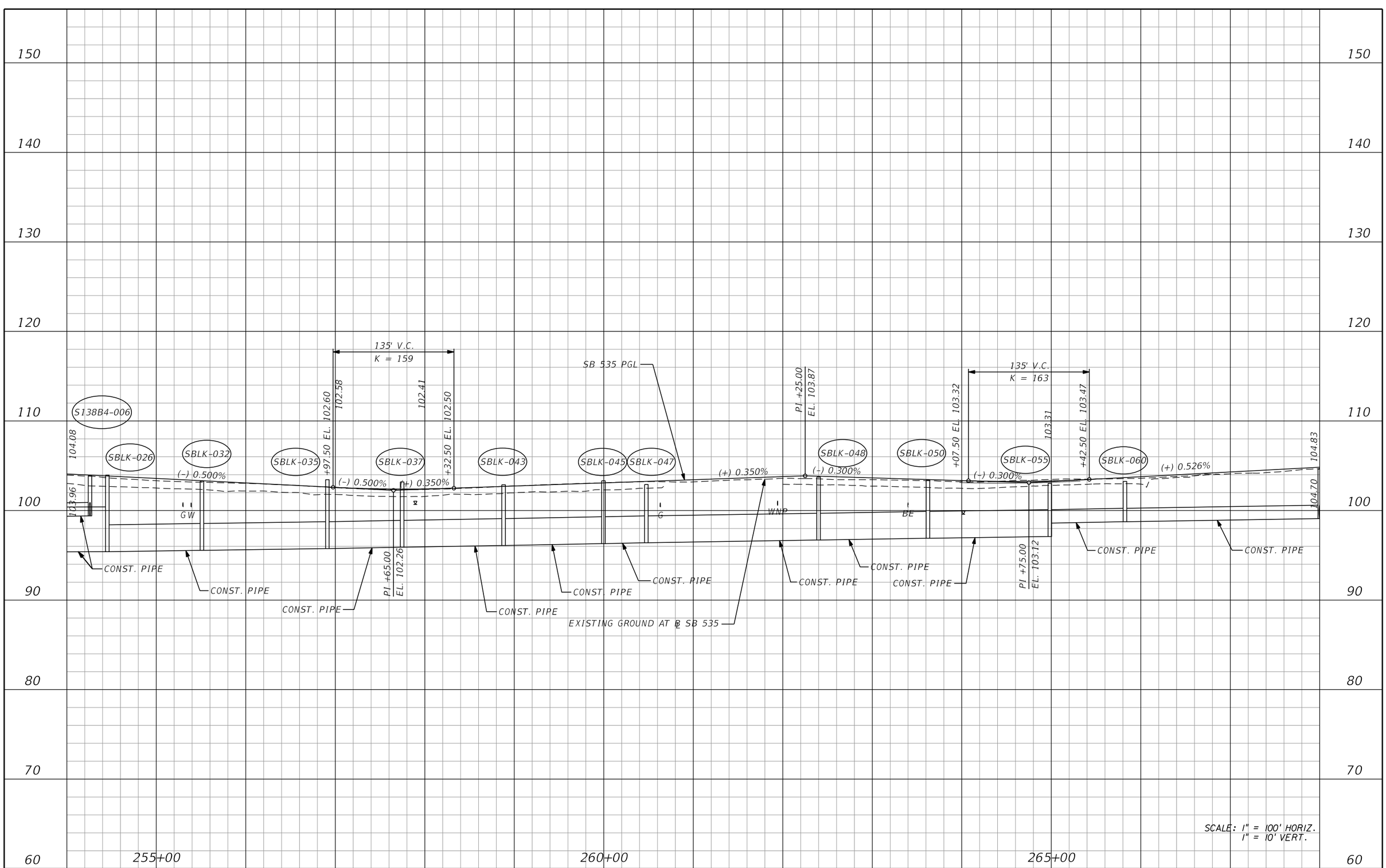
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SB 535
PROFILE SHEET

SHEET NO. 319



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SB 535
PROFILE SHEET

SHEET NO. 320

PRELIMINARY: NOT FOR CONSTRUCTION

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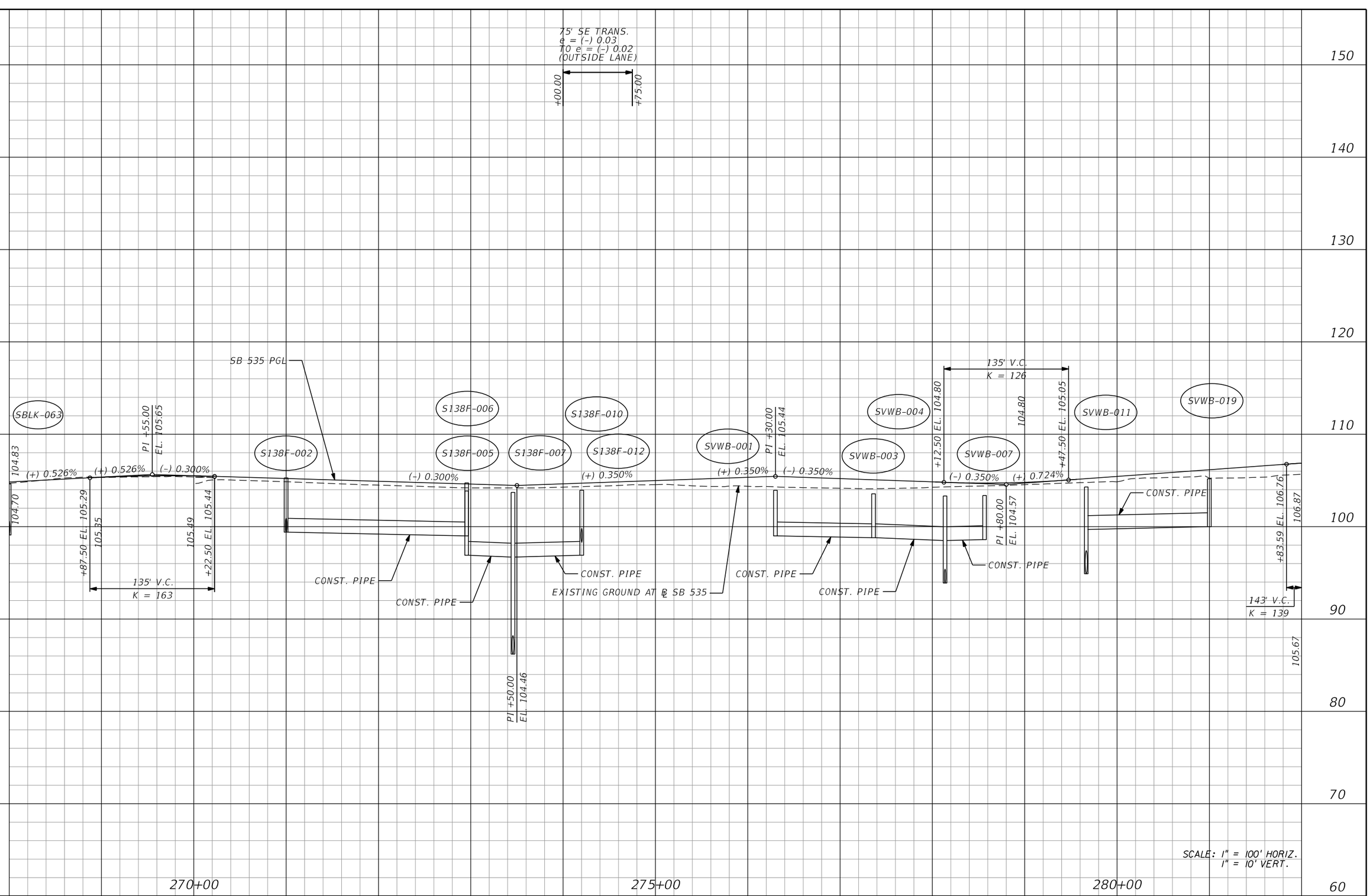

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

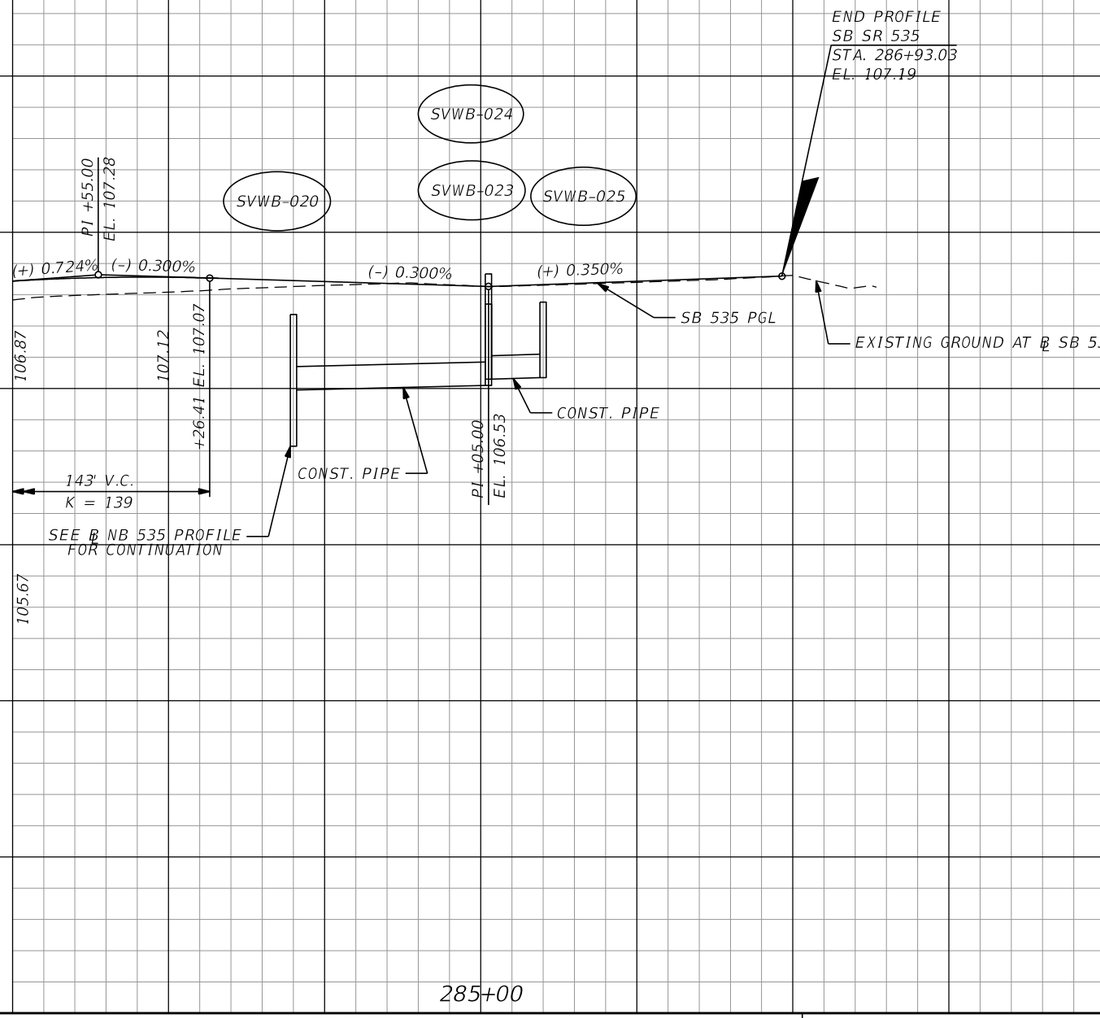
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SB 535
PROFILE SHEET

SHEET NO. 321

PRELIMINARY: NOT FOR CONSTRUCTION

150
140
130
120
110
100
90
80
70
60



SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SB 535
PROFILE SHEET

SHEET NO. 322

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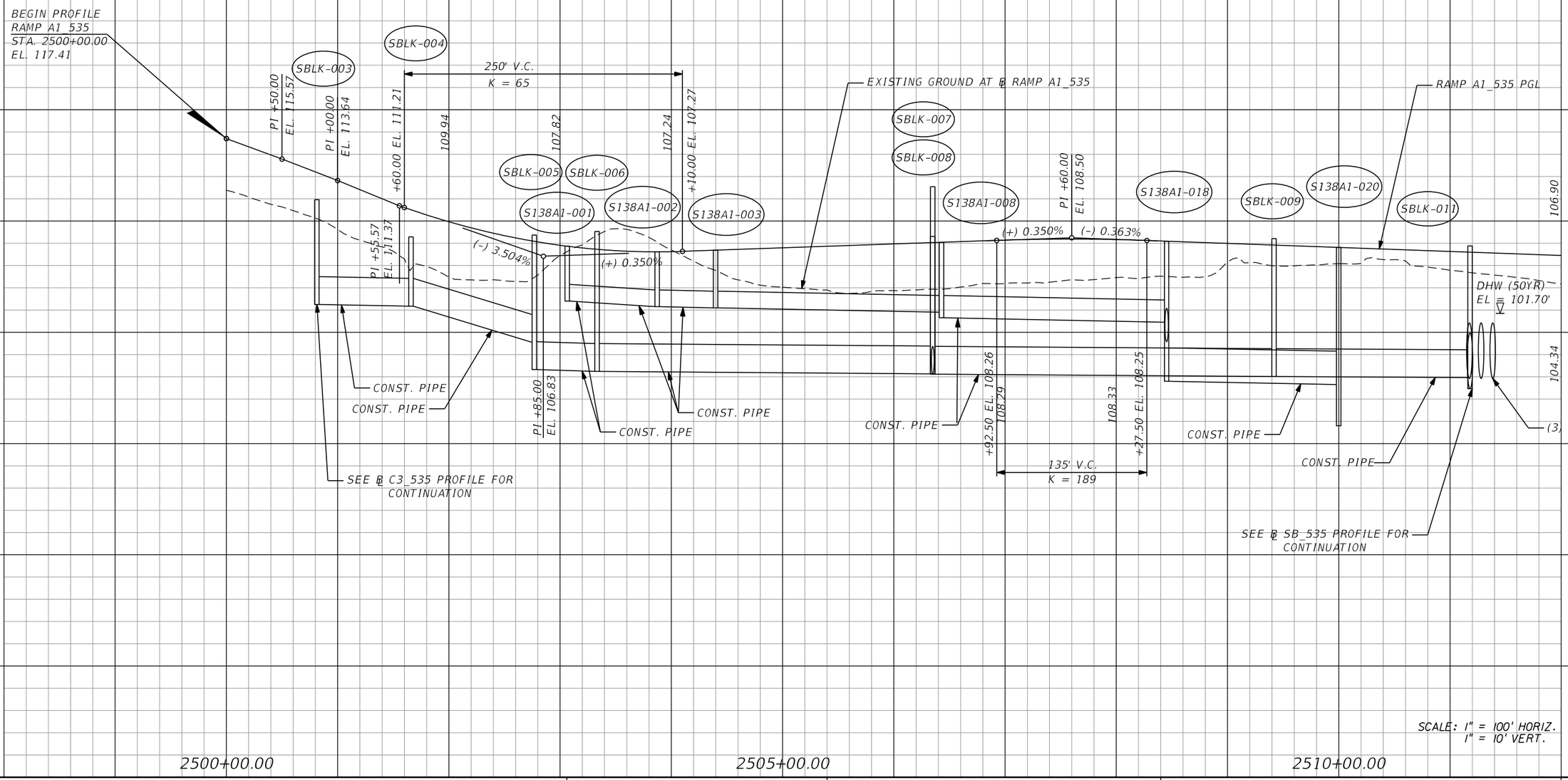

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A1_535 PROFILE SHEET

SHEET NO. 323

PRELIMINARY: NOT FOR CONSTRUCTION

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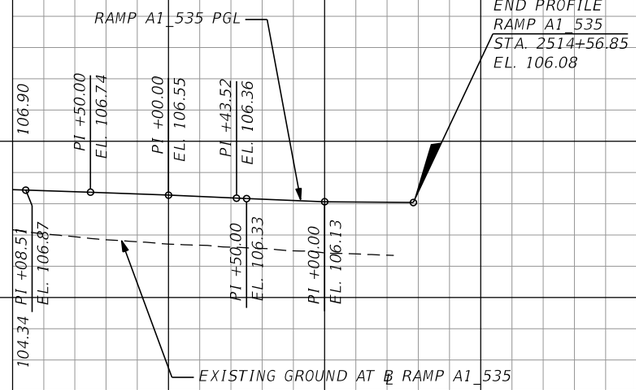
150
140
130
120
110
100
90
80
70
60



SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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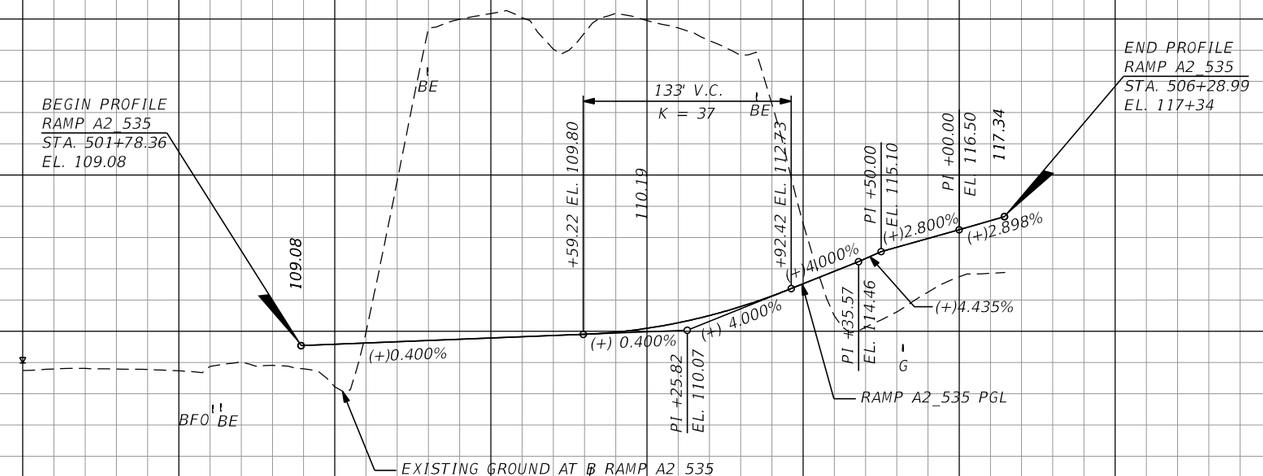
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A1_535 PROFILE SHEET

SHEET NO. 324

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/25/2021 12:22:34 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PR0FRD_A1_535_02.dgn



SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A2_535
PROFILE SHEET

SHEET NO. 325

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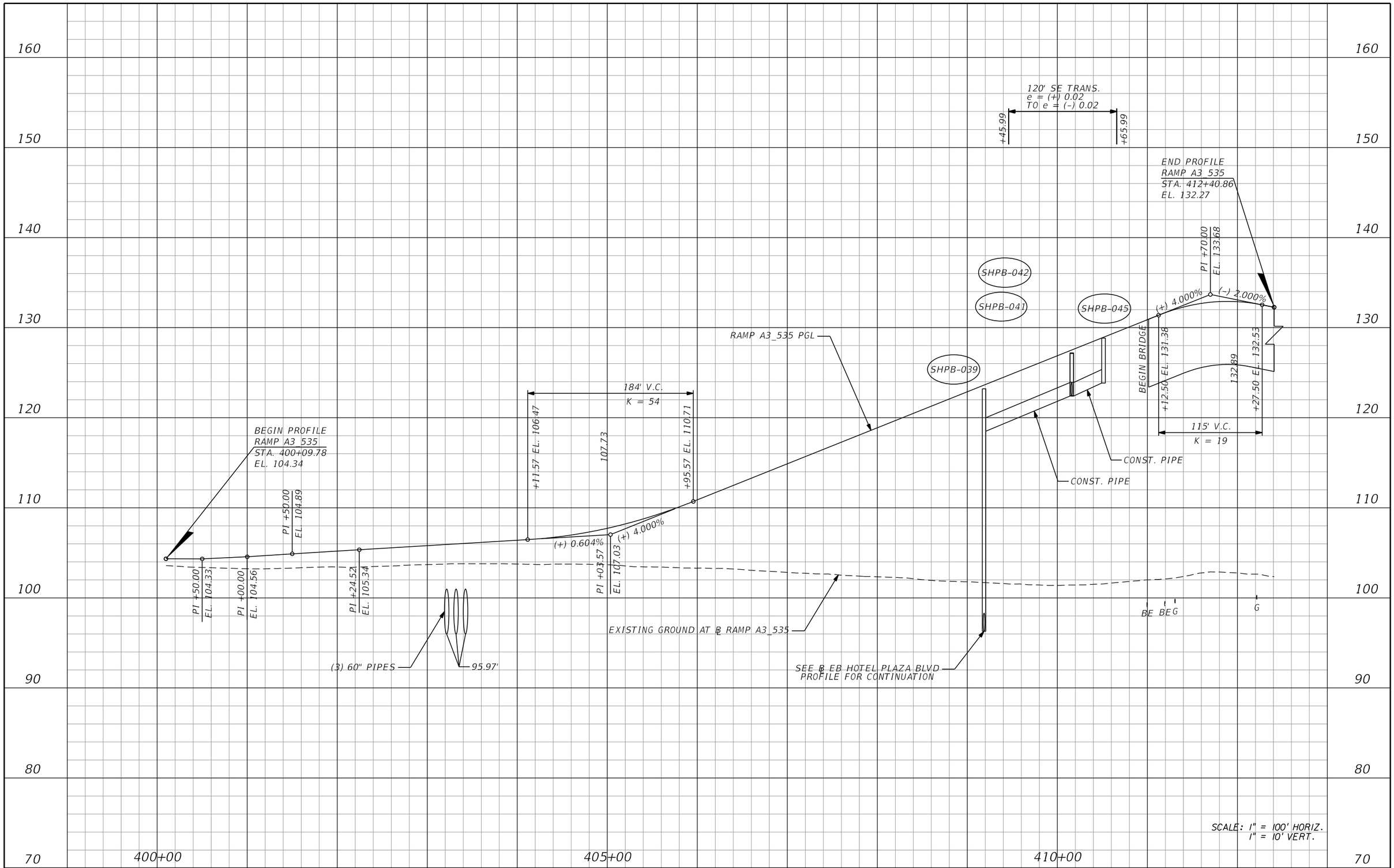

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A3_535 PROFILE SHEET

SHEET NO. 326

PRELIMINARY: NOT FOR CONSTRUCTION

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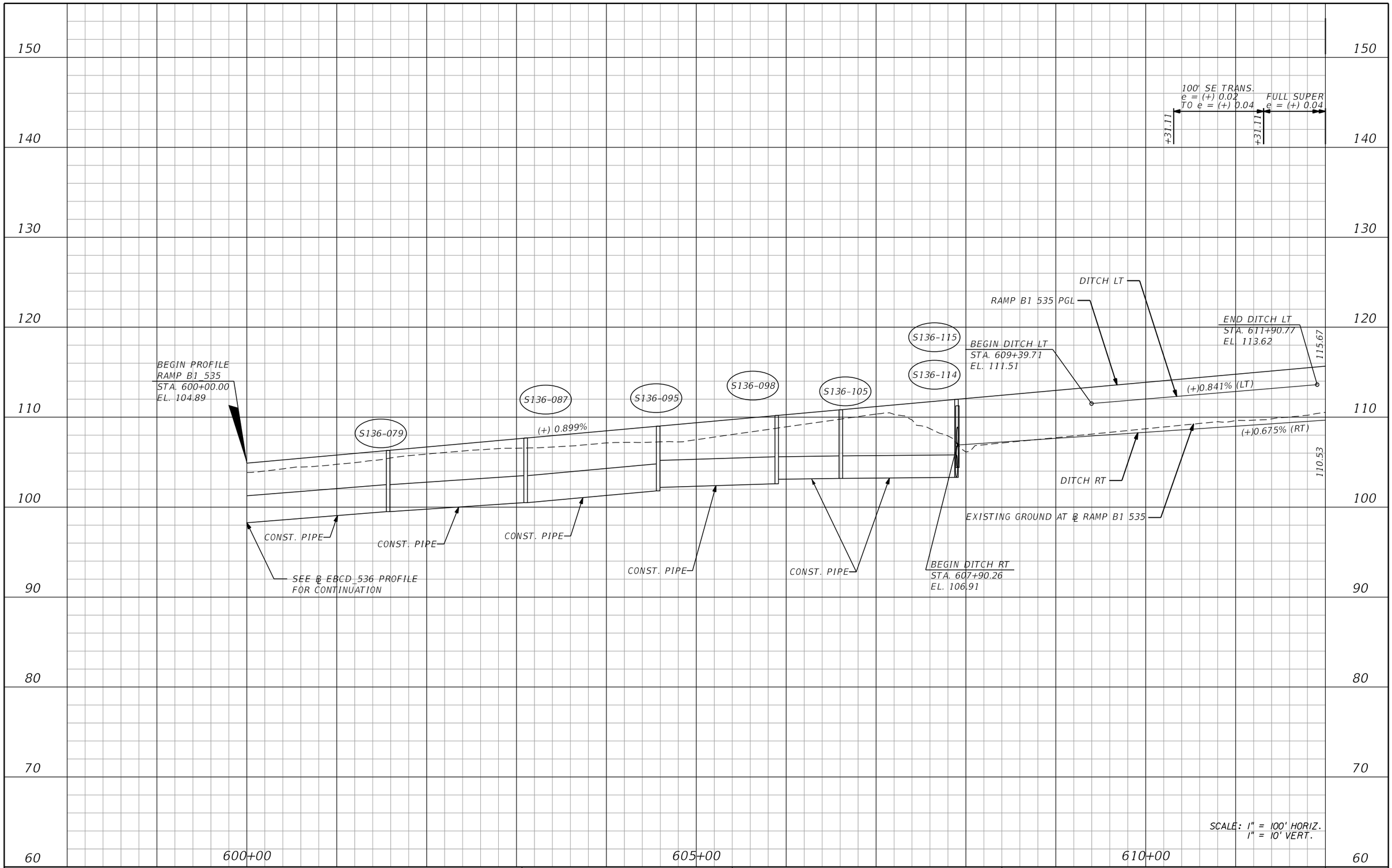

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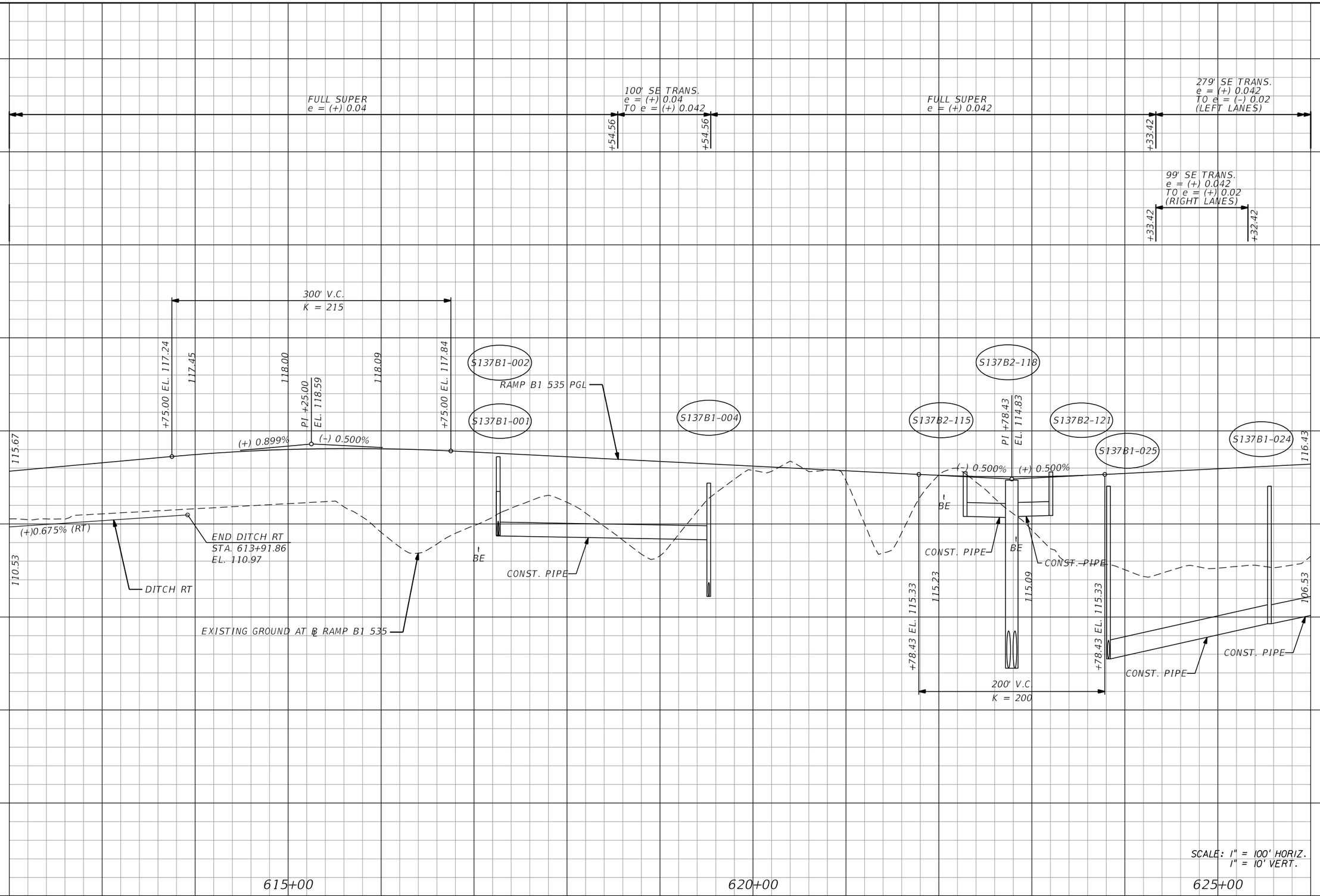
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_535
PROFILE SHEET

SHEET NO. 327



SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_535
PROFILE SHEET

SHEET NO. 328

160

150

140

130

120

110

100

90

80

70

279' SE TRANS.
e = (+) 0.042
TO e = (-) 0.02
(LEFT LANES)

15' SE TRANS.
e = (-) 0.02 TO e = (-) 0.03
(LEFT OUTSIDE LANE)

+12.42

+27.42

END PROFILE
RAMP B1_535
STA. 629+95.43
EL. 118.41

S137B1-014

S137B1-013

RAMP B1 535 PGL

S137B1-015

116.43

(+) 0.500%

BE

BE

GWN

BE

106.53

CONST. PIPE

EXISTING GROUND
AT ℄ RAMP B1_535

CONST. PIPE

SEE ℄ EB VINELAND PROFILE
FOR CONTINUATION

630+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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SR 400	ORANGE	242484-8-52-01

RAMP B1_535
PROFILE SHEET

SHEET NO.
329

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160
150
140
130
120
110
100
90
80
70

BEGIN PROFILE
RAMP B2_535
STA. 700+00.00
EL. 115.55

PI +50.00
EL. 116.05

PI +50.00
EL. 117.00

PI +45.96
EL. 117.97

PI +00.00
EL. 118.48

PI +50.00
EL. 118.85

PI +00.00
EL. 116.51

PI +00.00
EL. 117.49

PI +00.00
EL. 119.12

S137B2-038

S137B2-048

S137B2-059

DPI +81.37
EL. 118.97 (LT)

RAMP B2_535 PGL

123.52

(+) 0.550%

(+)0.674% (LT)

(+)0.762% (LT)

DITCH LT

BEGIN DITCH LT
STA. 700+79.03
EL. 113.62

BE

BE

111.40

CONST PIPE

CONST PIPE

EXISTING GROUND AT ℄ RAMP B2_535

700+00

705+00

710+00

SCALE: 1" = 100' HORIZ.
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B2_535
PROFILE SHEET

SHEET NO.
330

PRELIMINARY: NOT FOR CONSTRUCTION

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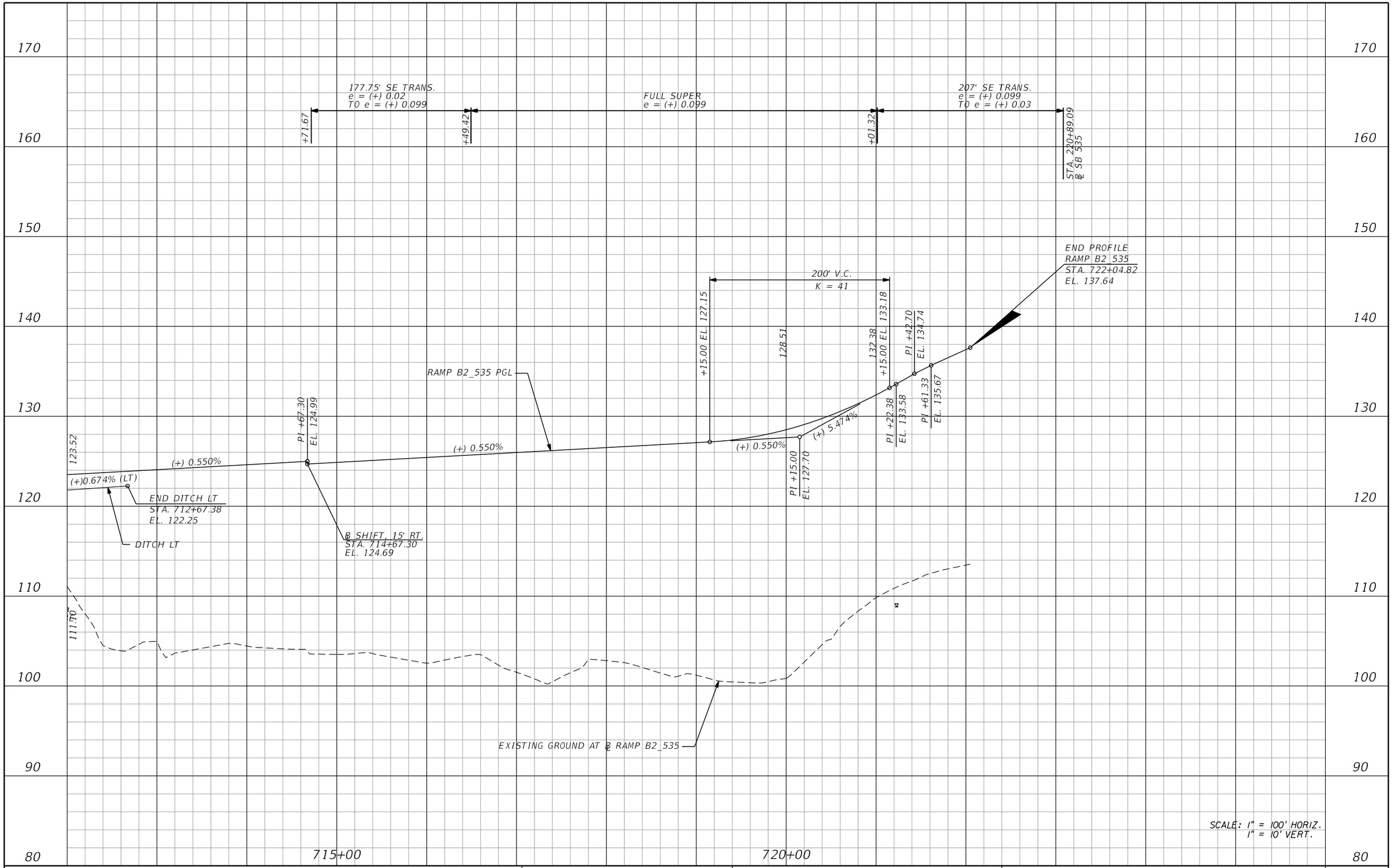

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B2_535 PROFILE SHEET

SHEET NO. 331

PRELIMINARY: NOT FOR CONSTRUCTION

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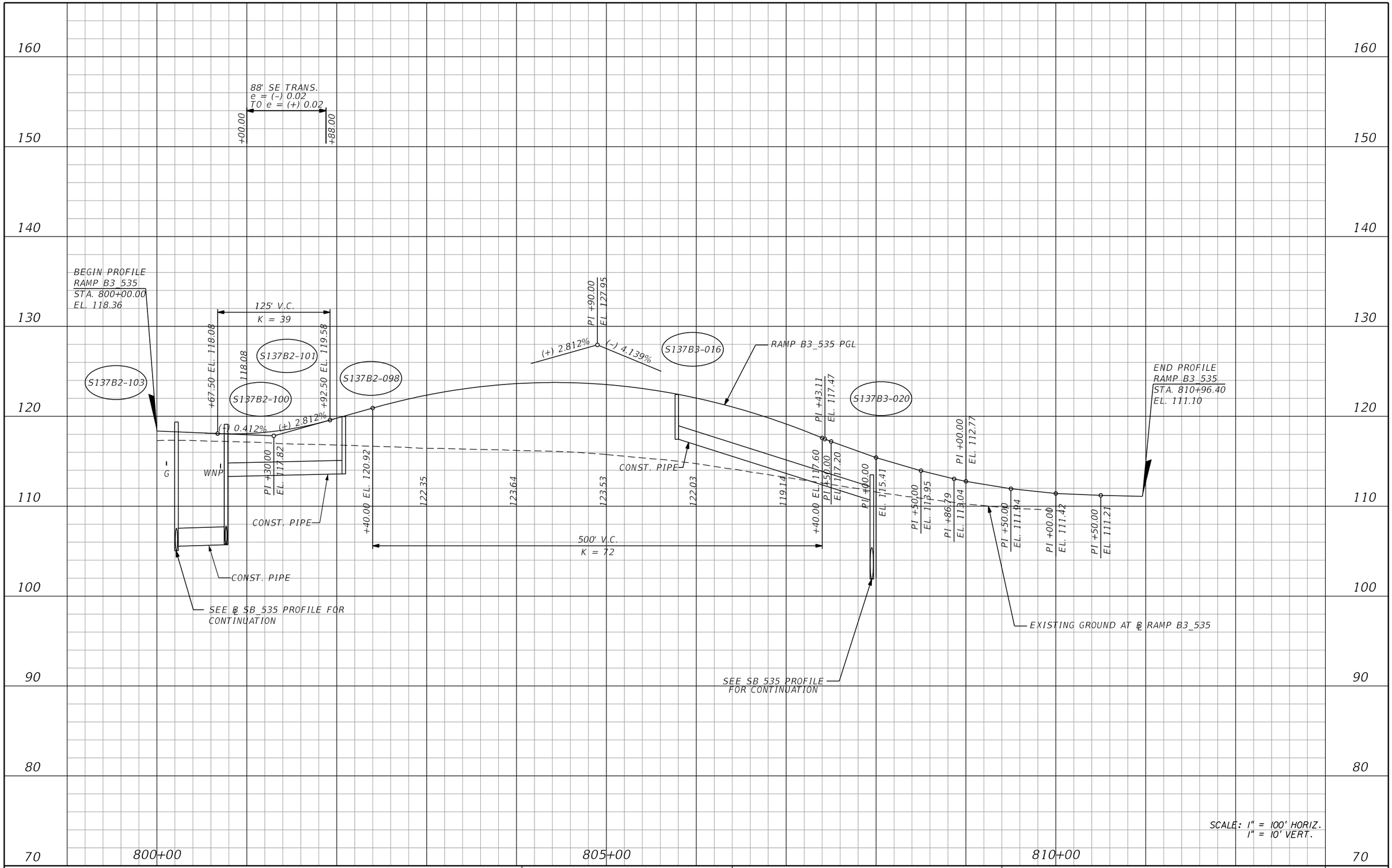

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B3_535 PROFILE SHEET

SHEET NO. 332

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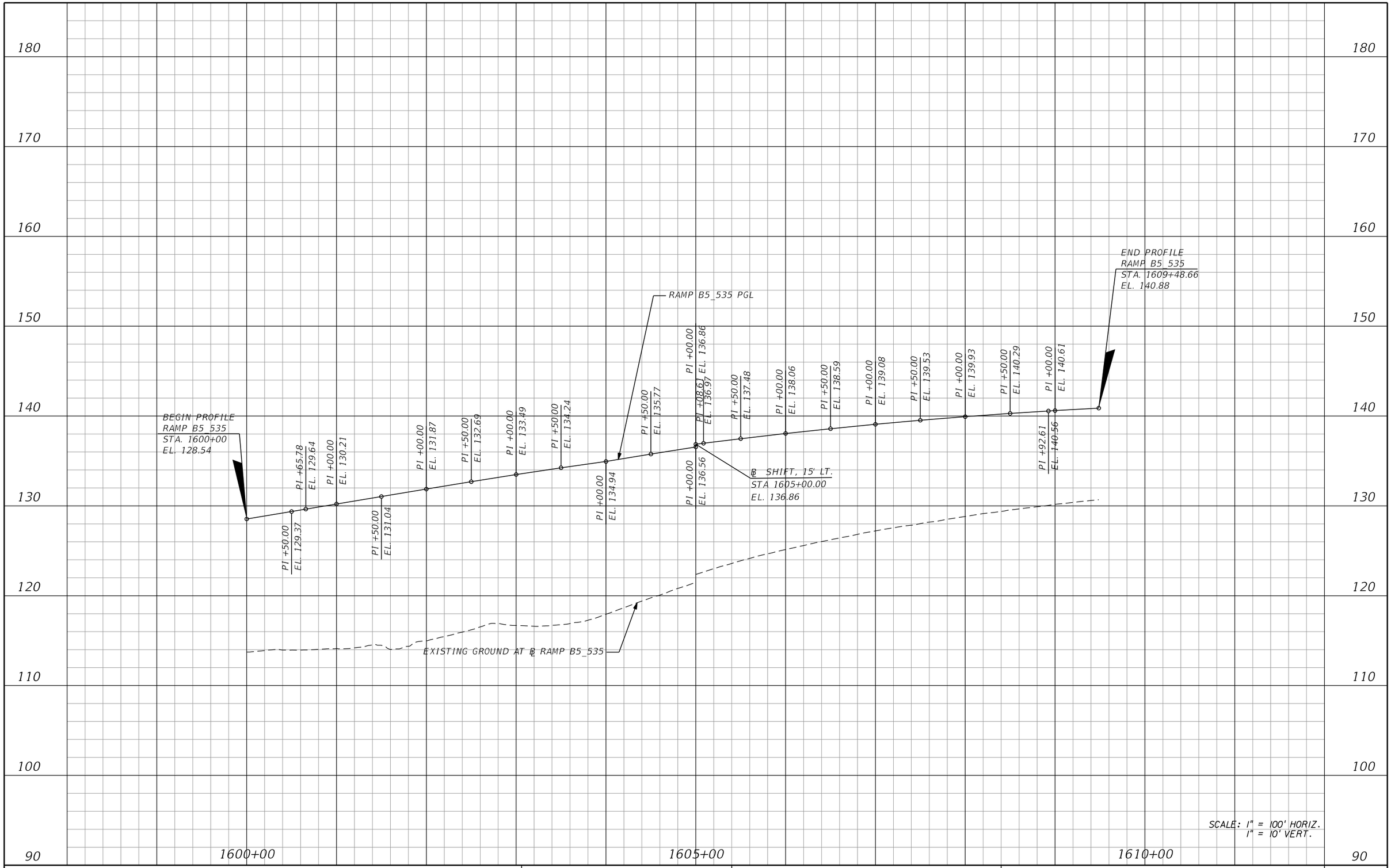

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B5_535
PROFILE SHEET

SHEET NO. 333

PRELIMINARY: NOT FOR CONSTRUCTION

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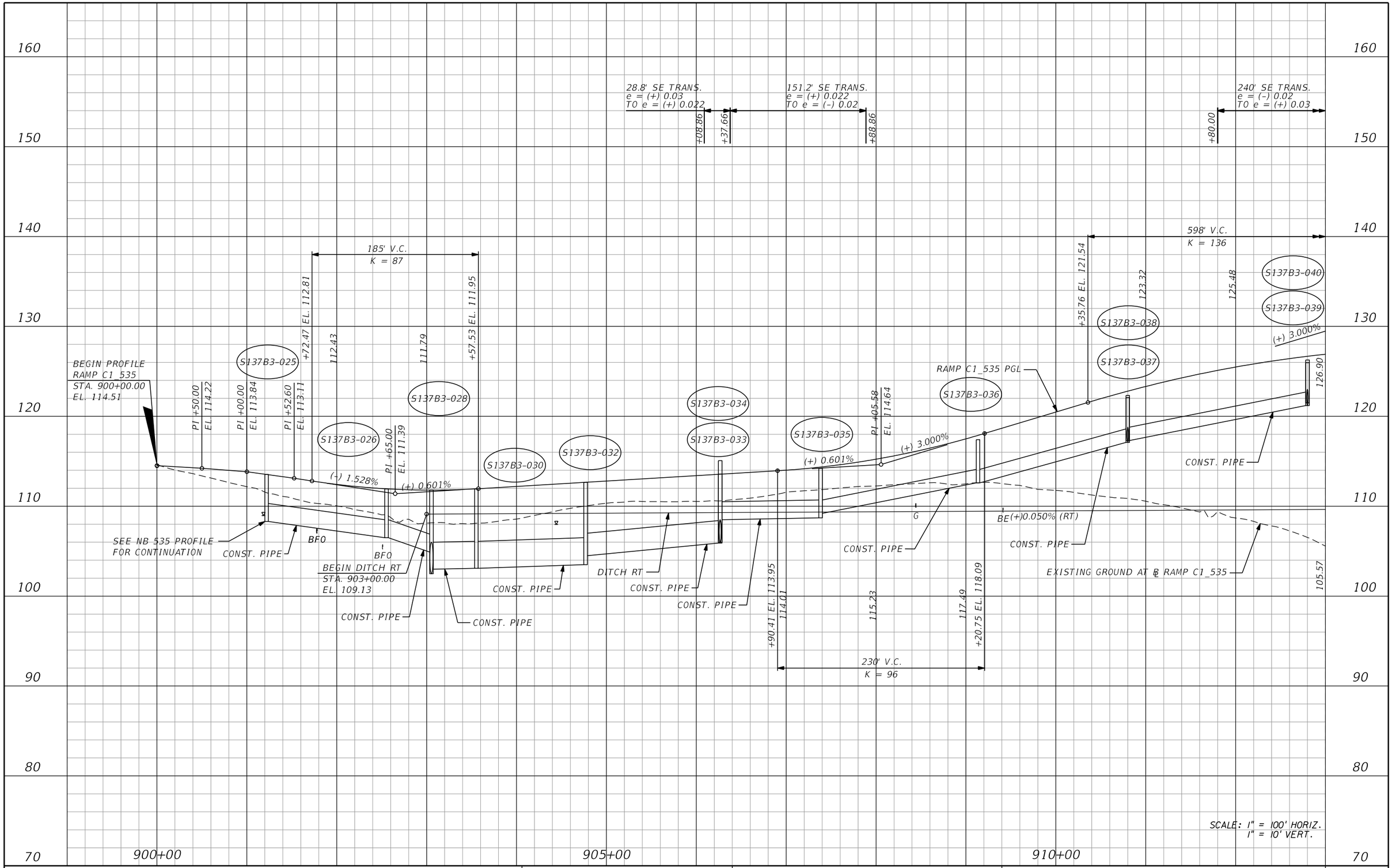

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C1_535 PROFILE SHEET

SHEET NO. 334

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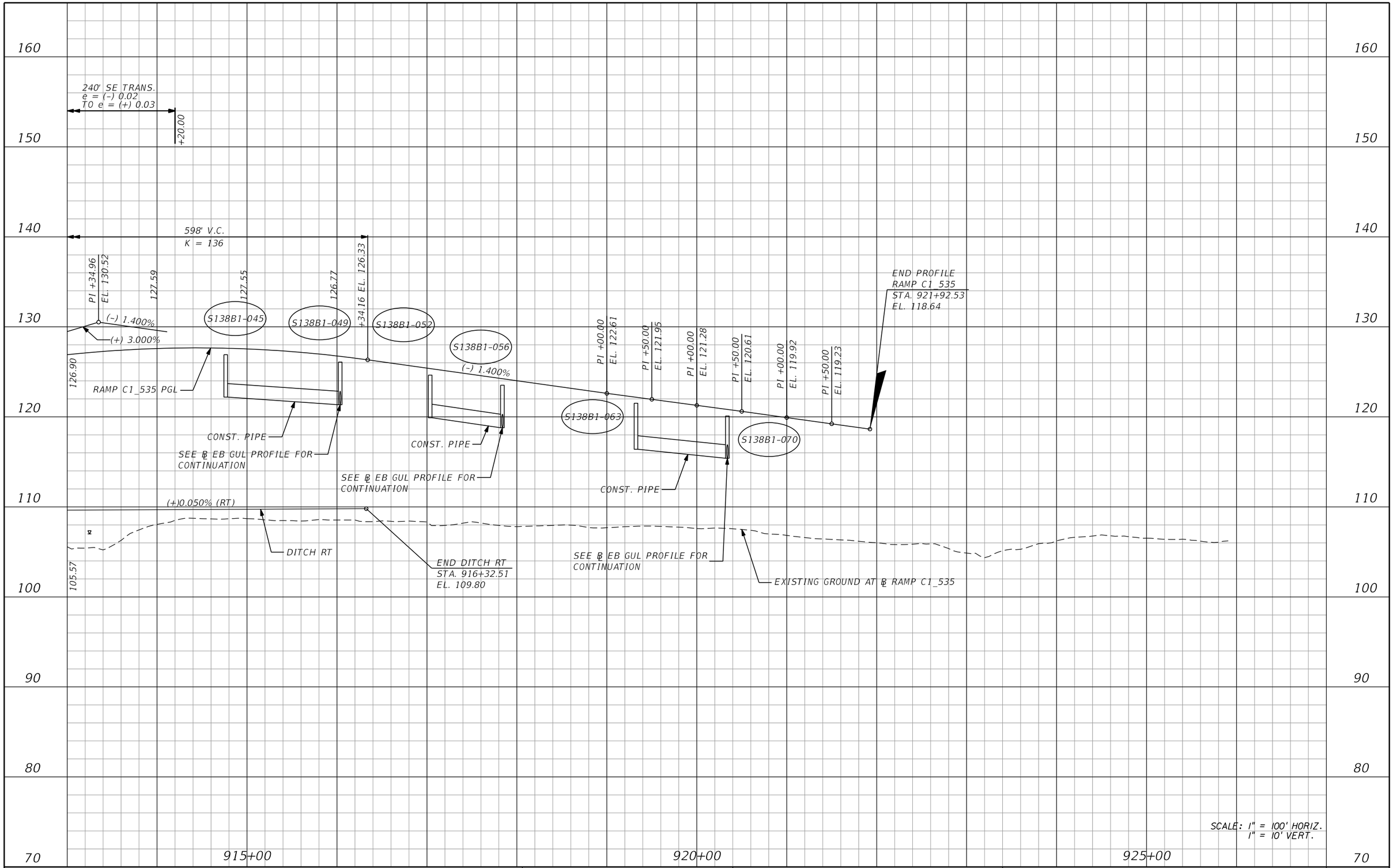

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

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SHEET NO. 335

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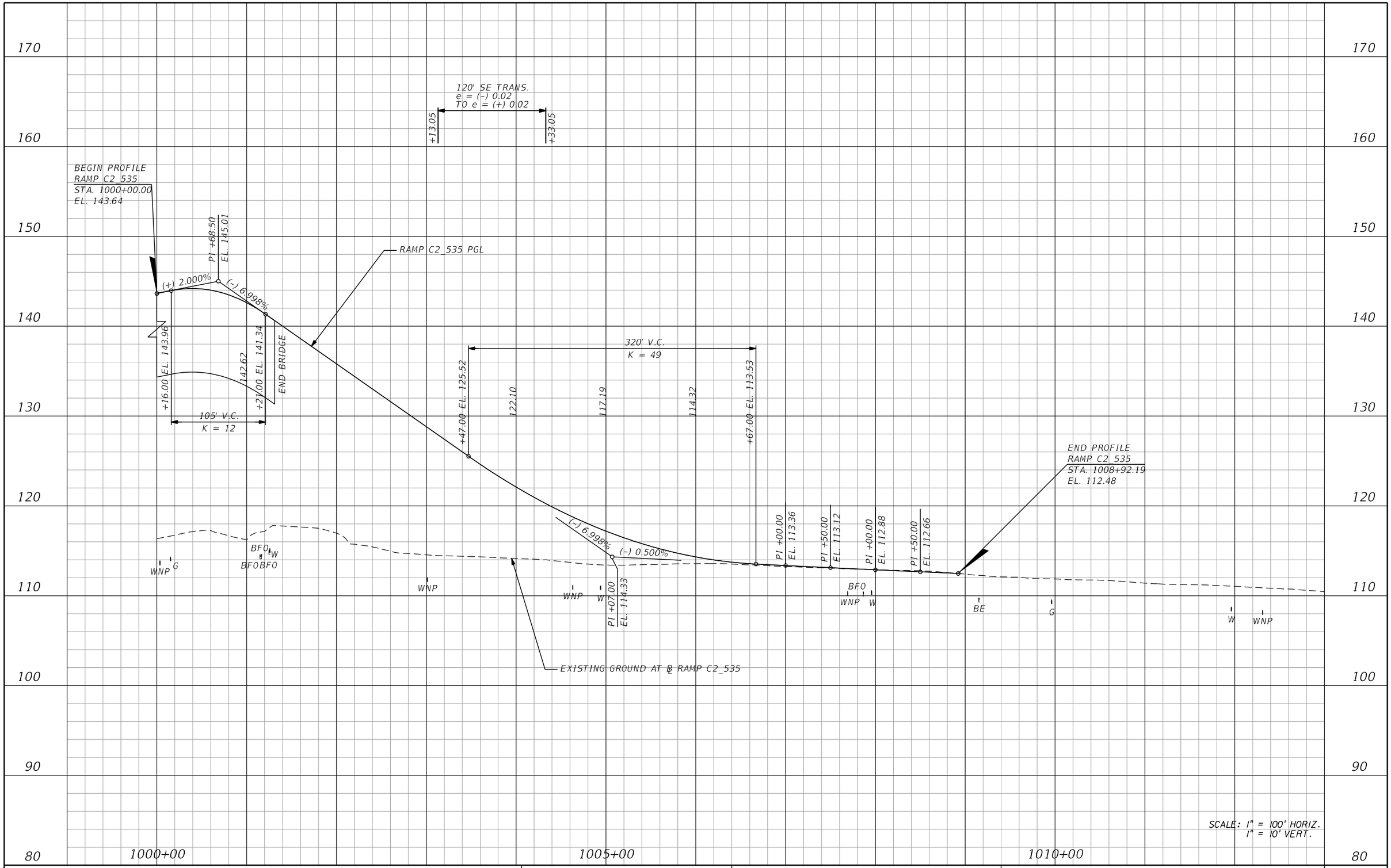

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C2_535 PROFILE SHEET

SHEET NO. 336

PRELIMINARY: NOT FOR CONSTRUCTION

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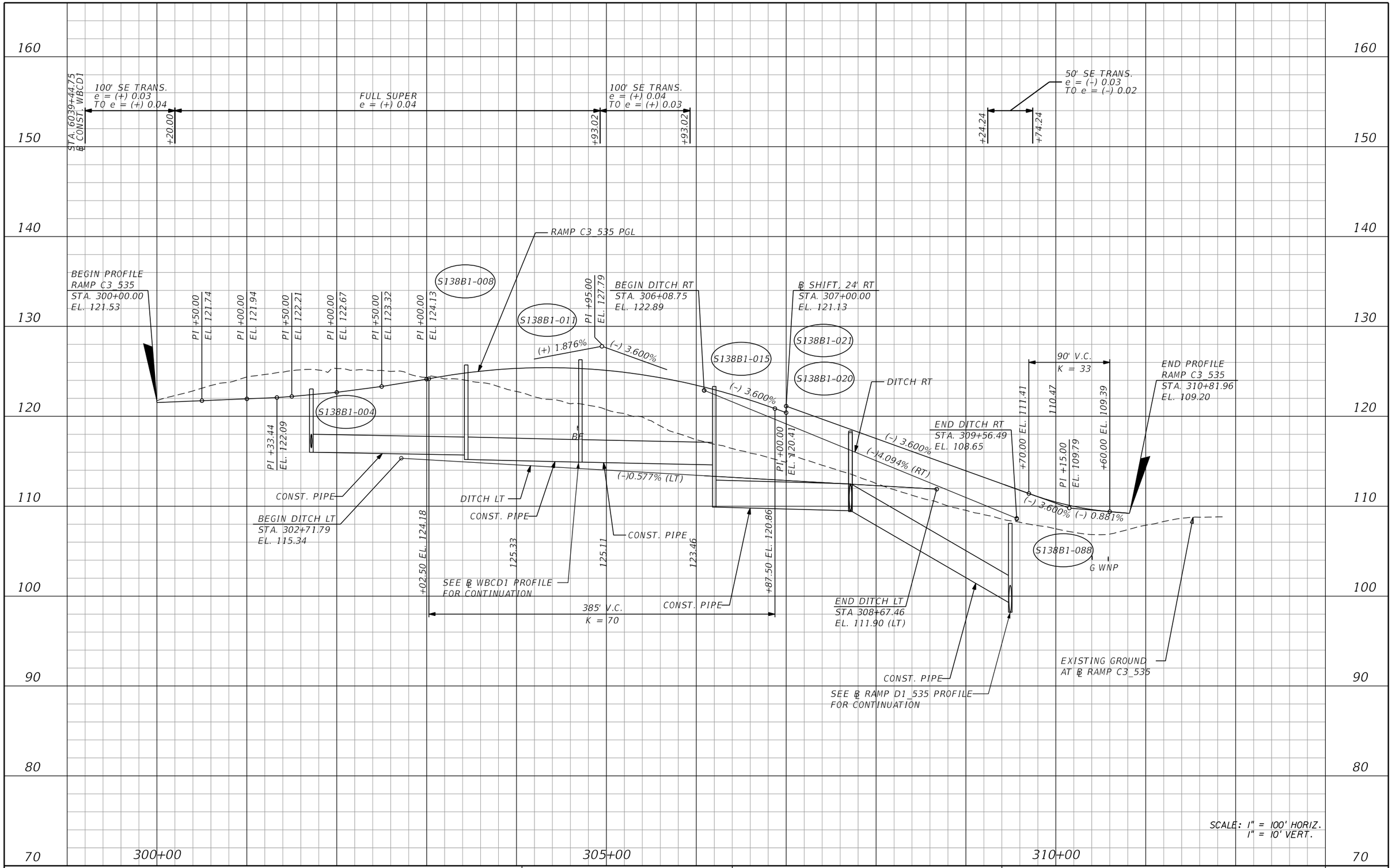

PRELIMINARY: NOT FOR CONSTRUCTION

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AECOM TECHNICAL SERVICES, Inc.
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C3_535 PROFILE SHEET

SHEET NO. 337

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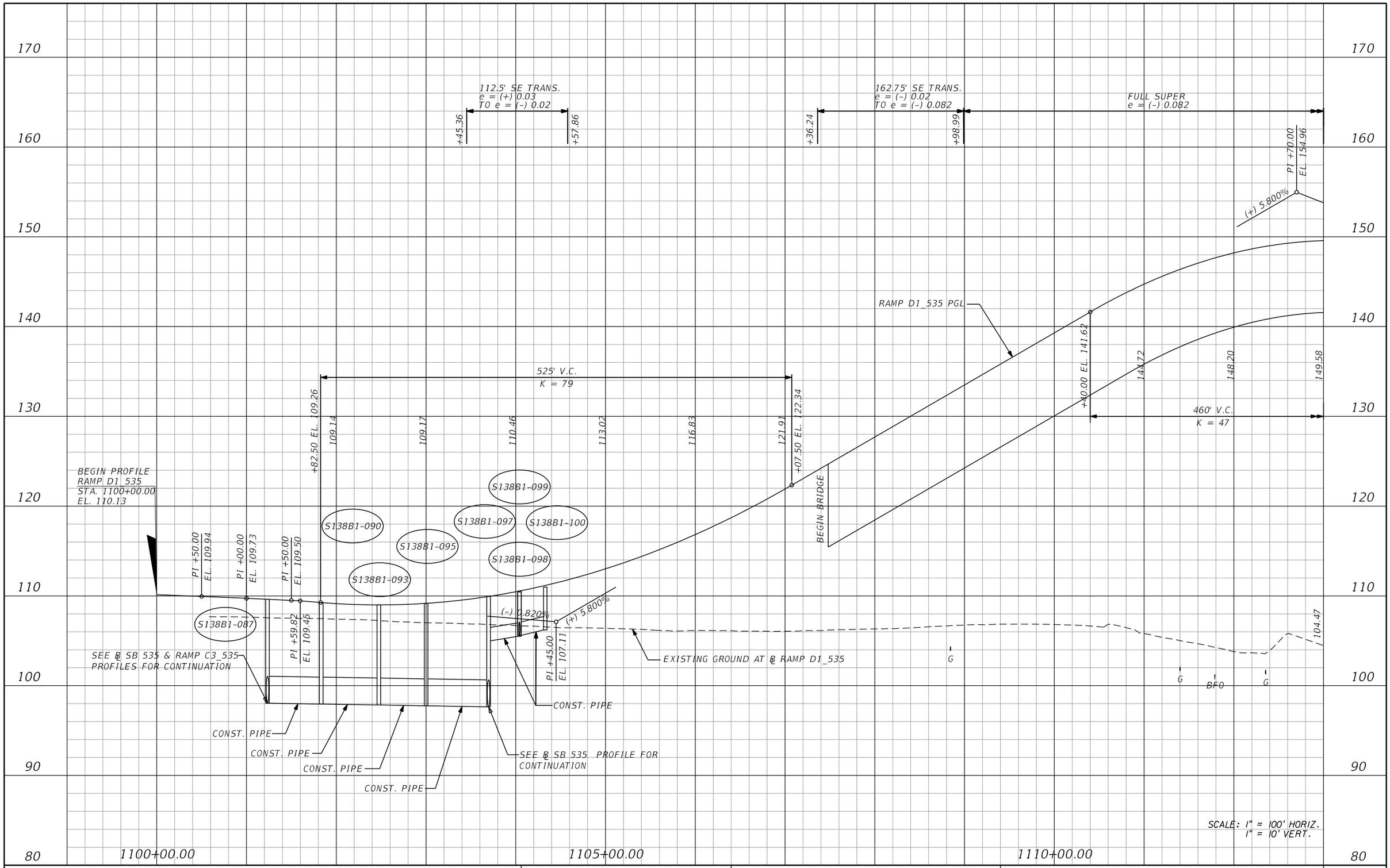

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REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_535 PROFILE SHEET

SHEET NO. 338

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170
160
150
140
130
120
110
100
90
80

FULL SUPER
e = (-) 0.082

+45.75

267.75' SE TRANS.
e = (-) 0.082
TO e = (+) 0.02

+13.50

100' SE TRANS.
e = (+) 0.02
TO e = (+) 0.043

+09.17

+09.17

FULL SUPER
e = (+) 0.043

(-) 3.900%

RAMP D1_535 PGL

149.58

148.84

145.99

+00.00 EL. 145.99

460' V.C.
K = 47

END BRIDGE

+77.50 EL. 119.57

118.72

115.57

113.45

112.37

112.32

+22.50 EL. 112.45

445' V.C.
K = 97

S138B1-144

112.99

(-) 3.900%

(+) 0.700%

S138B1-138

S138B1-140

S138B1-143

SBLK-088

PI +00.00
EL. 110.89

104.47

103.86

W

BE

W

G

BE

G

W

W

G

G

EXISTING GROUND AT ℄ RAMP D1_535

CONST. PIPE

CONST. PIPE

CONST. PIPE

SEE D2_535 PROFILE
FOR CONTINUATION

CONST. PIPE

SEE WBCD1 PROFILE FOR
CONTINUATION

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

1115+00.00

1120+00.00

1125+00.00

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_535
PROFILE SHEET

SHEET NO.
339

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160
150
140
130
120
110
100
90
80
70

FULL SUPER
e = (+) 0.043

124.2' SE TRANS.
e = (+) 0.043
TO e = (+) 0.02

+65.16

STA. 7000+99.36 ℄ CONST. WBCD2

END PROFILE
RAMP D1_535
STA. 1139+90.00
EL. 120.44

END DITCH LT
STA. 1139+79.64
EL. 112.89

DPI +79.53
EL. 111.84

BEGIN DITCH LT
STA. 1136+79.30
EL. 111.31

PI +00.00
EL 116.49

RAMP D1_535 PGL

(+) 0.500%

112.99

(+) 0.700%

S138B2-172

S138B2-168

S138B2-171

(+)0.528% (LT)

(+)0.525% (LT)

SEE WBCD2 PROFILE
FOR CONTINUATION

DITCH LT

SBLK-089

SBLK-090

SBLK-091

EXISTING GROUND AT ℄ RAMP D1_535

103.86

BE

CONST. PIPE

CONST. PIPE

CONST. PIPE

CONST. PIPE

SEE I-4 WB XL PROFILE
FOR CONTINUATION

1130+00.00

1135+00.00

1140+00.00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_535
PROFILE SHEET

SHEET NO.
340

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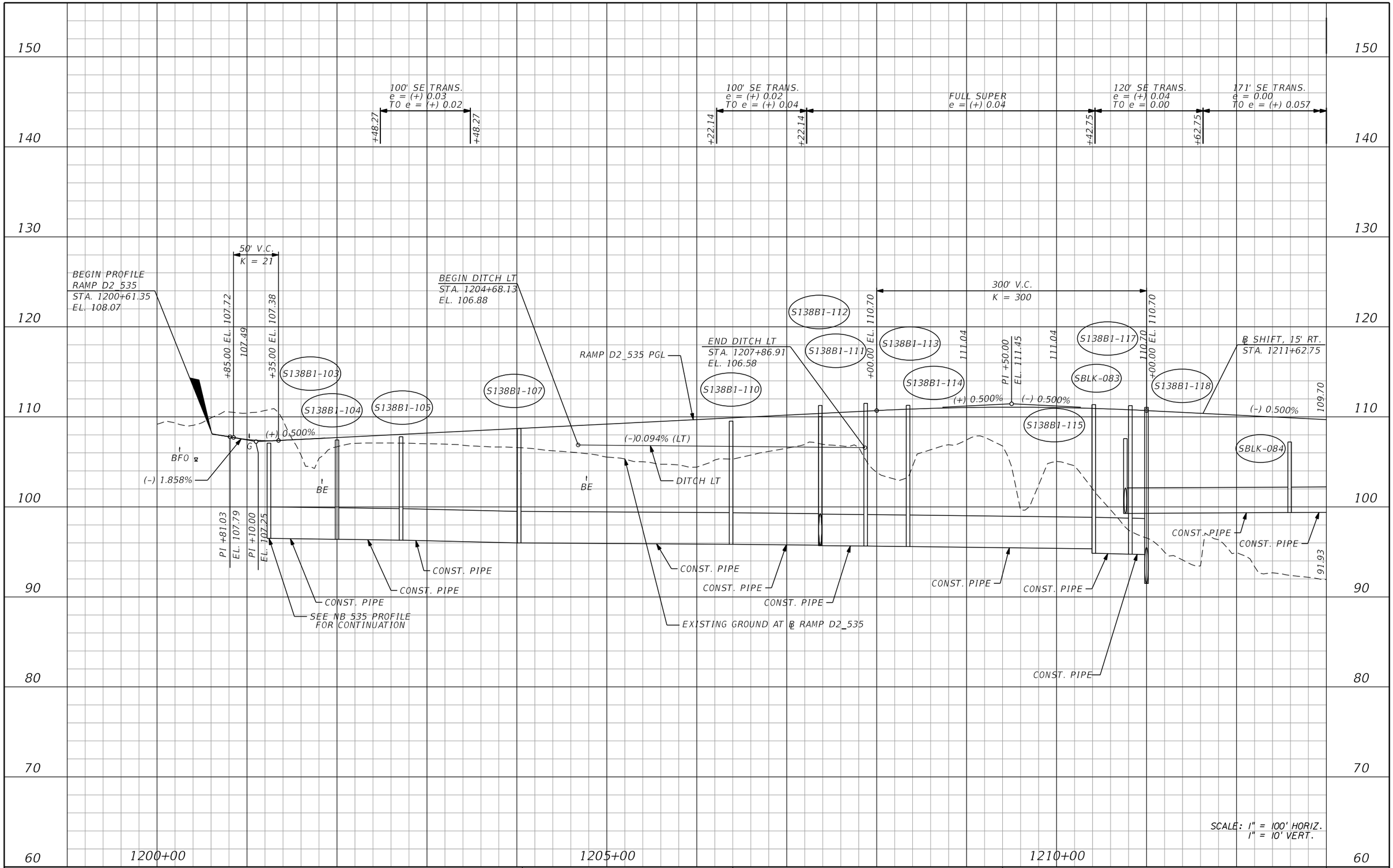

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RAMP D2_535 PROFILE SHEET

SHEET NO. 341

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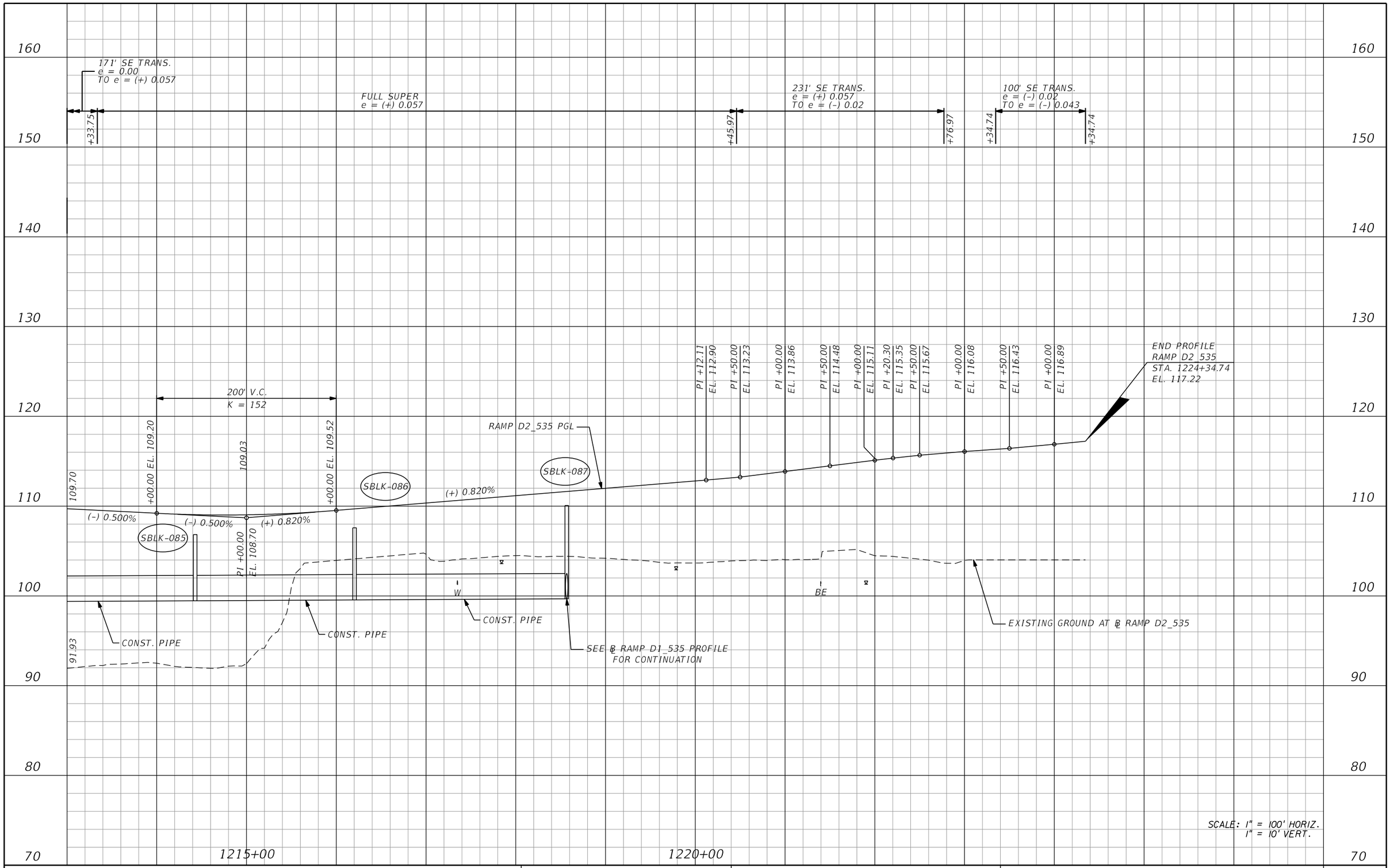

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1" = 10' VERT.

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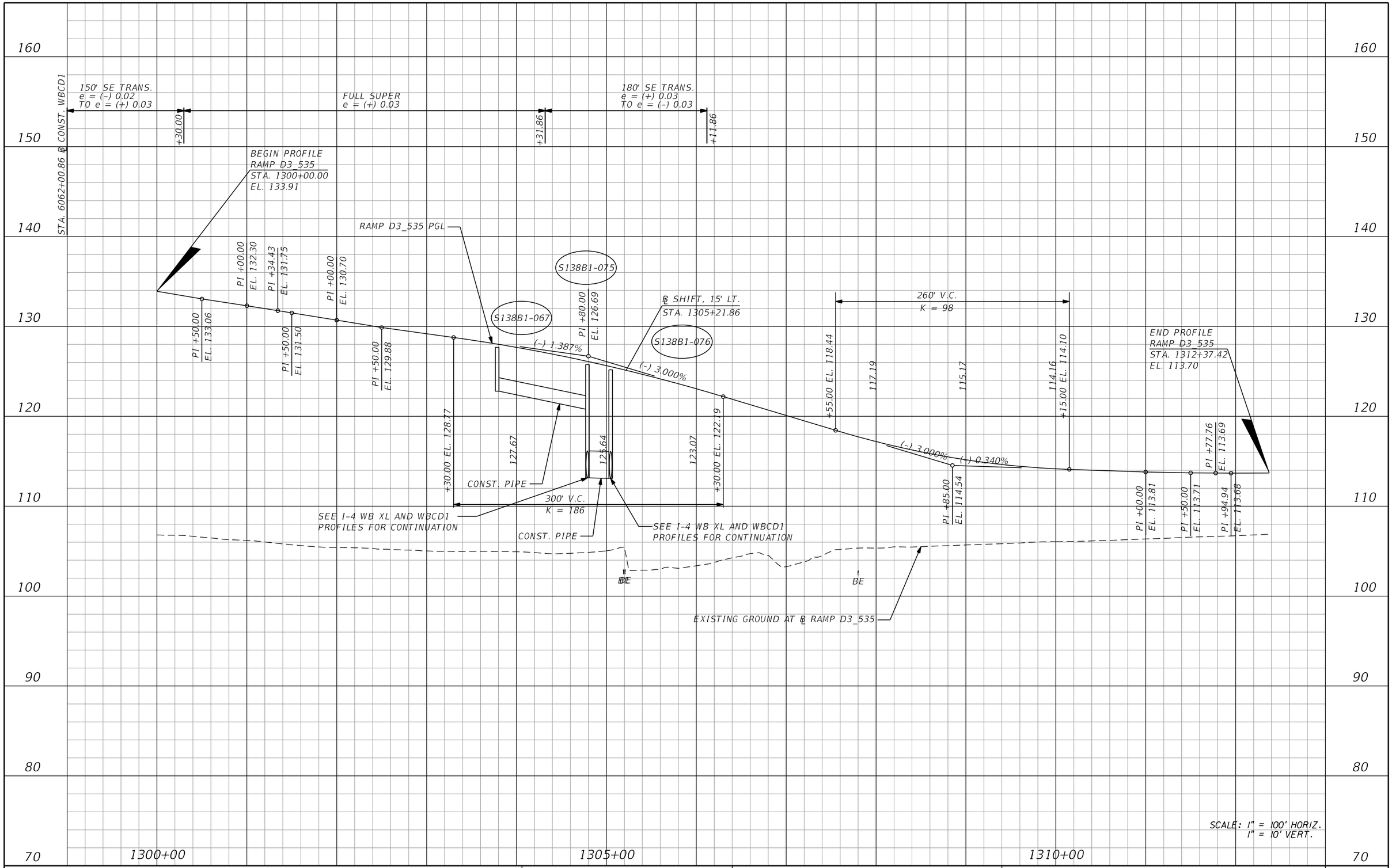
RAMP D2_535 PROFILE SHEET

SHEET NO. 342

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D3_535 PROFILE SHEET

SHEET NO. 343

PRELIMINARY: NOT FOR CONSTRUCTION

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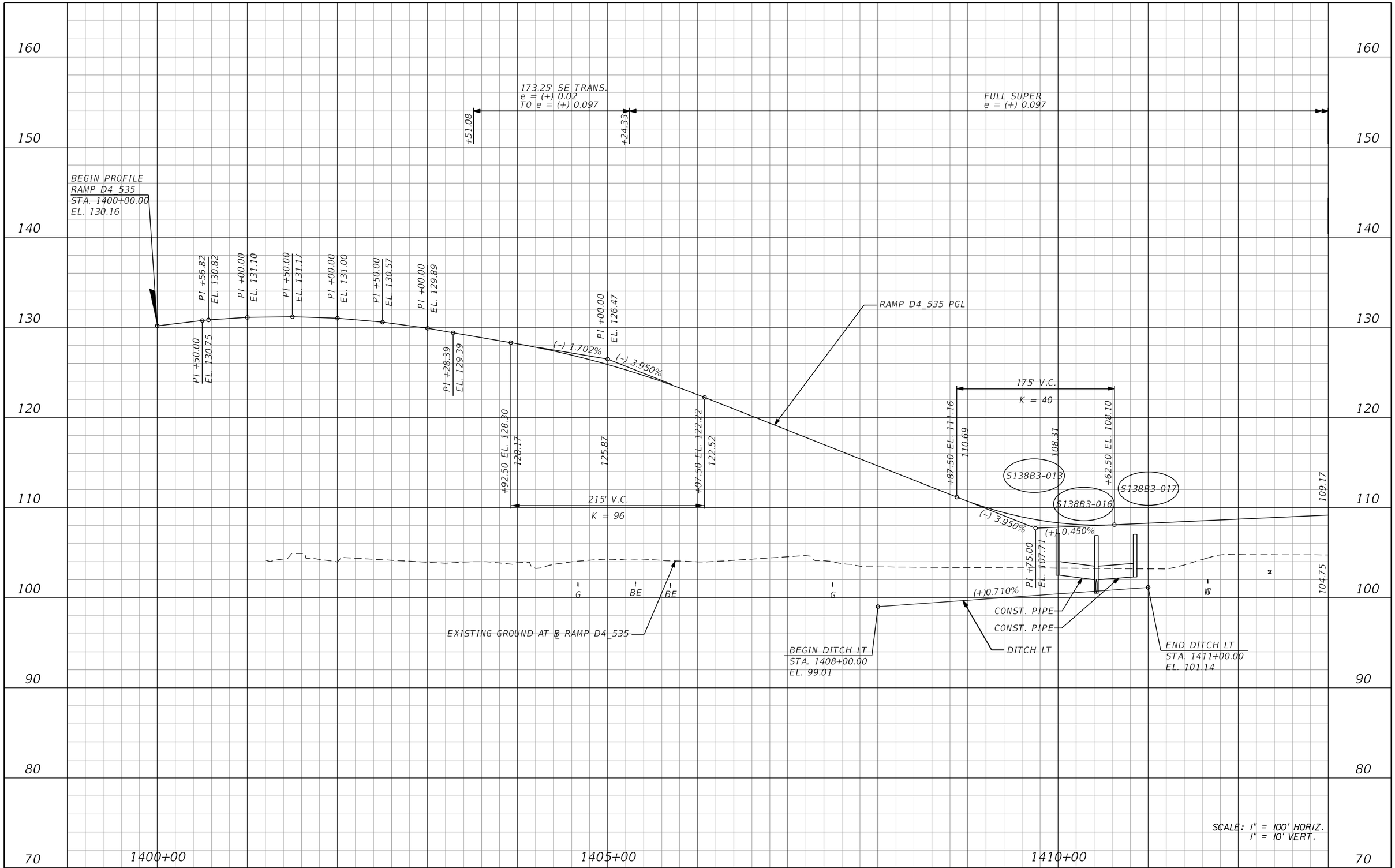

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D4_535 PROFILE SHEET

SHEET NO. 344

PRELIMINARY: NOT FOR CONSTRUCTION

150
140
130
120
110
100
90
80
70
60

FULL SUPER
e = (+) 0.097

+79.15

277.2' SE TRANS.
e = (+) 0.097
TO e = (+) 0.02

+56.35

END PROFILE
RAMP D4_535
STA. 1422+09.78
EL. 107.55

RAMP D4_535 PGL

109.17

(+) 0.450%

PI +25.00
EL. 109.73

(-) 0.450%

S138B3-031

S138B3-032

(-) 0.450%

(+) 0.550%

PI +25.00
EL. 106.81

104.75

W

W

BE

W

BE

BE

G

℄ RAMP D4_535

EXISTING GROUND AT

CONST PIPE

1415+00

1420+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

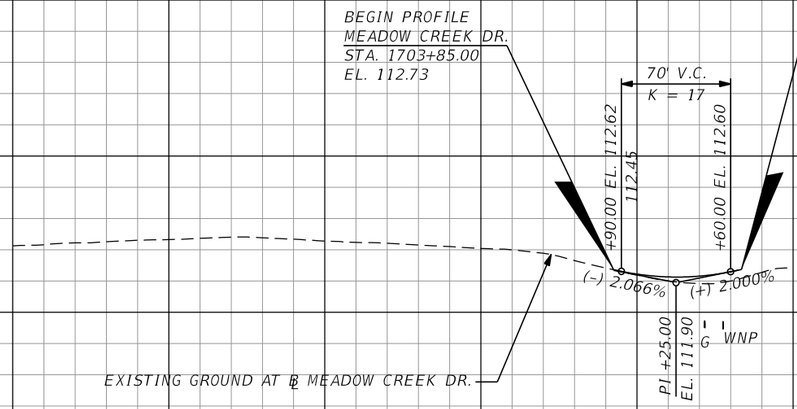
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D4_535
PROFILE SHEET

SHEET NO.
345

glen.dvorovy 2/24/2021 9:17:20 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PR0FRD_D4_535_02.dgn



150 140 130 120 110 100 90 80 70 60

1700+00 1705+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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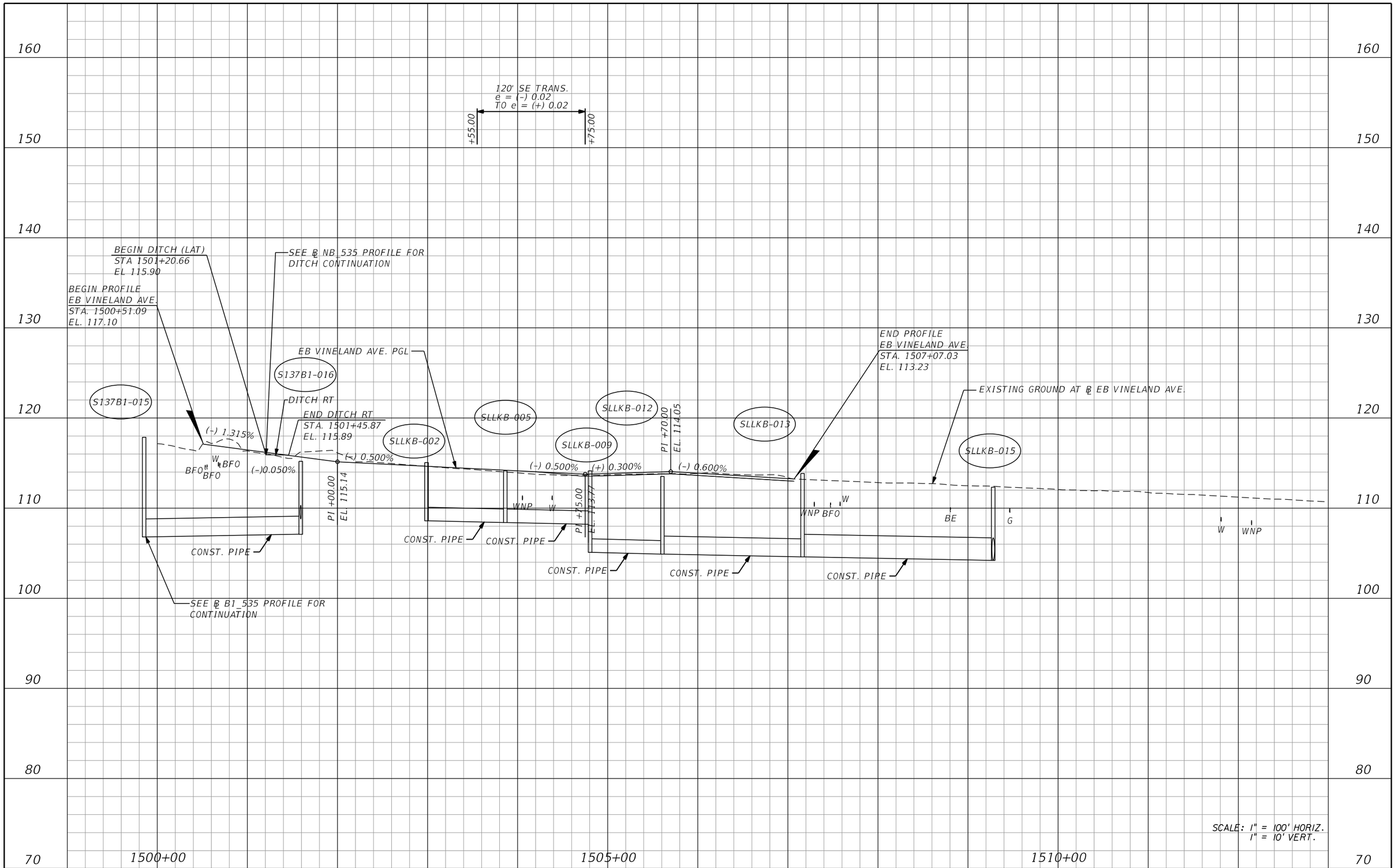
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

MEADOW CREEK DR.
PROFILE SHEET

SHEET NO. 346

glen.dvorovy 2/24/2021 9:17:23 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_MEADOWCREEK_01.dgn



PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EB VINELAND AVE. PROFILE SHEET

SHEET NO. 347

glen.dvorovy 2/24/2021 9:17:26 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_EBVINELAND_01.dgn

160
150
140
130
120
110
100
90
80
70

BEGIN PROFILE
WB VINELAND AVE
STA. 1600+51.09
EL. 117.02

S137B2-100
S137B2-105
S137B2-104
SLLKB-001
SLLKB-003
SLLKB-007
SLLKB-010

WB VINELAND AVE. PGL

(–) 1.211%
(–) 0.400%

BFO
BFO W
BFO
G

PI +25.00
EL. 114.91
WNP

WNP W
WNP BFO W
BFO

END PROFILE
WB VINELAND AVE.
STA. 1608+32.47
EL. 112.48

SEE ℄ B3_535 PROFILE FOR CONTINUATION

CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE

EXISTING GROUND AT ℄ WB VINELAND AVE.

1600+00
1605+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WB VINELAND AVE. PROFILE SHEET

SHEET NO. 348

PRELIMINARY: NOT FOR CONSTRUCTION

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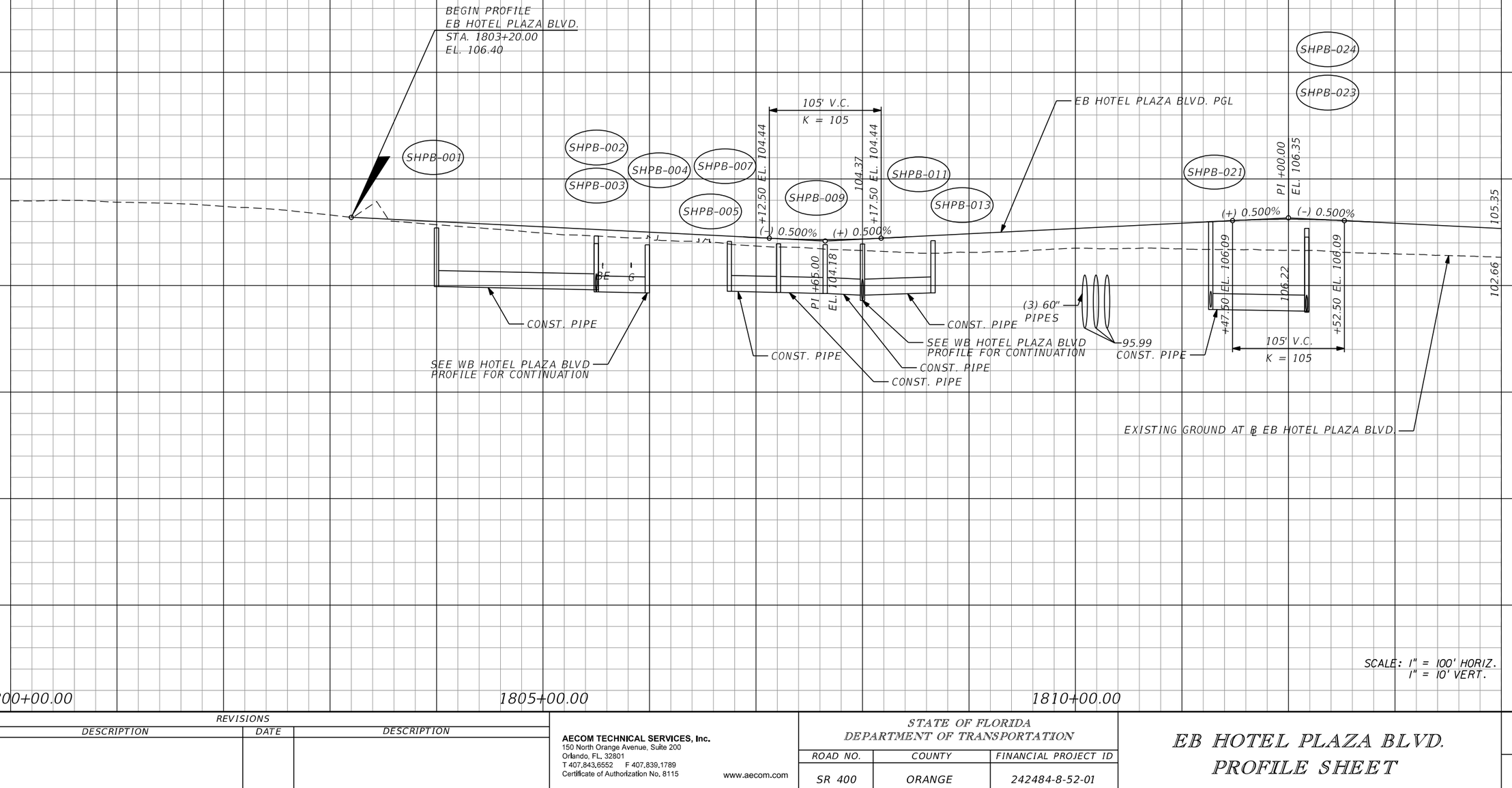

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

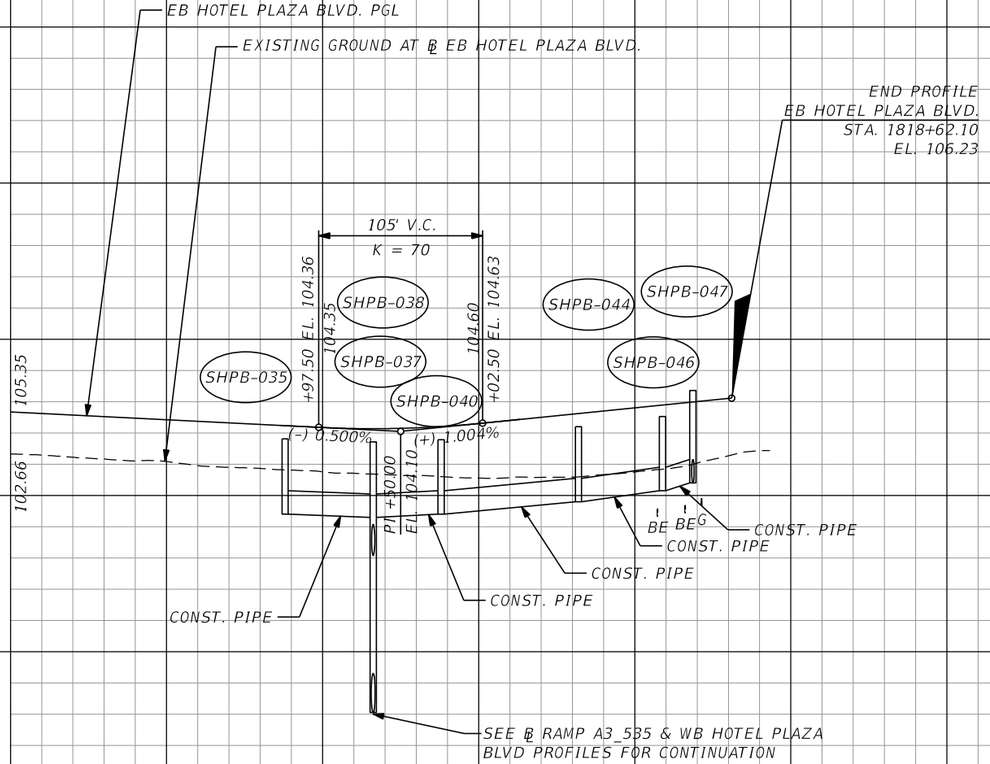
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EB HOTEL PLAZA BLVD. PROFILE SHEET

SHEET NO. 349

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/25/2021 12:28:29 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_EBHOTELPLAZA_01.dgn



SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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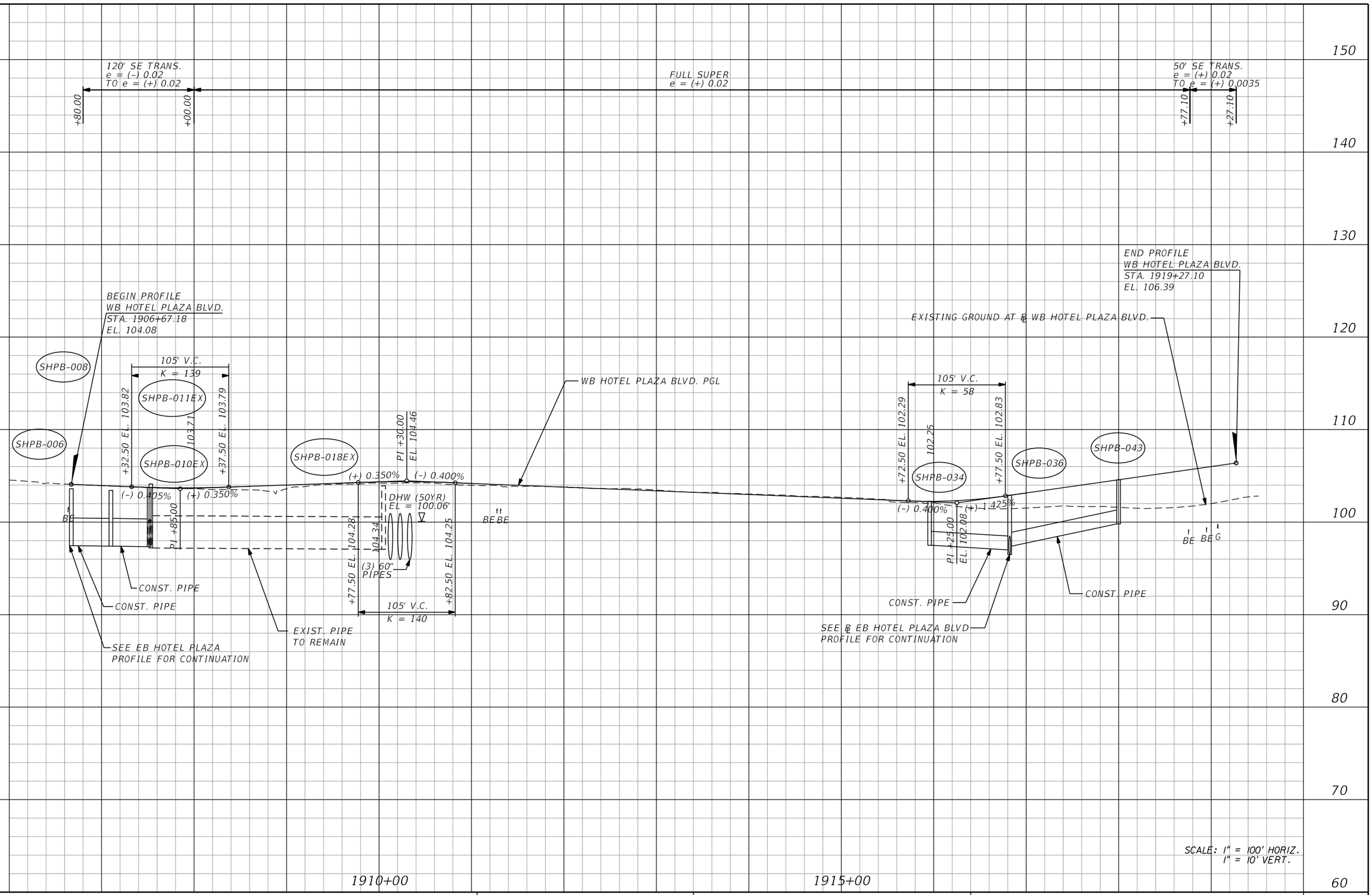
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EB HOTEL PLAZA BLVD PROFILE SHEET

SHEET NO. 350



REVISIONS			
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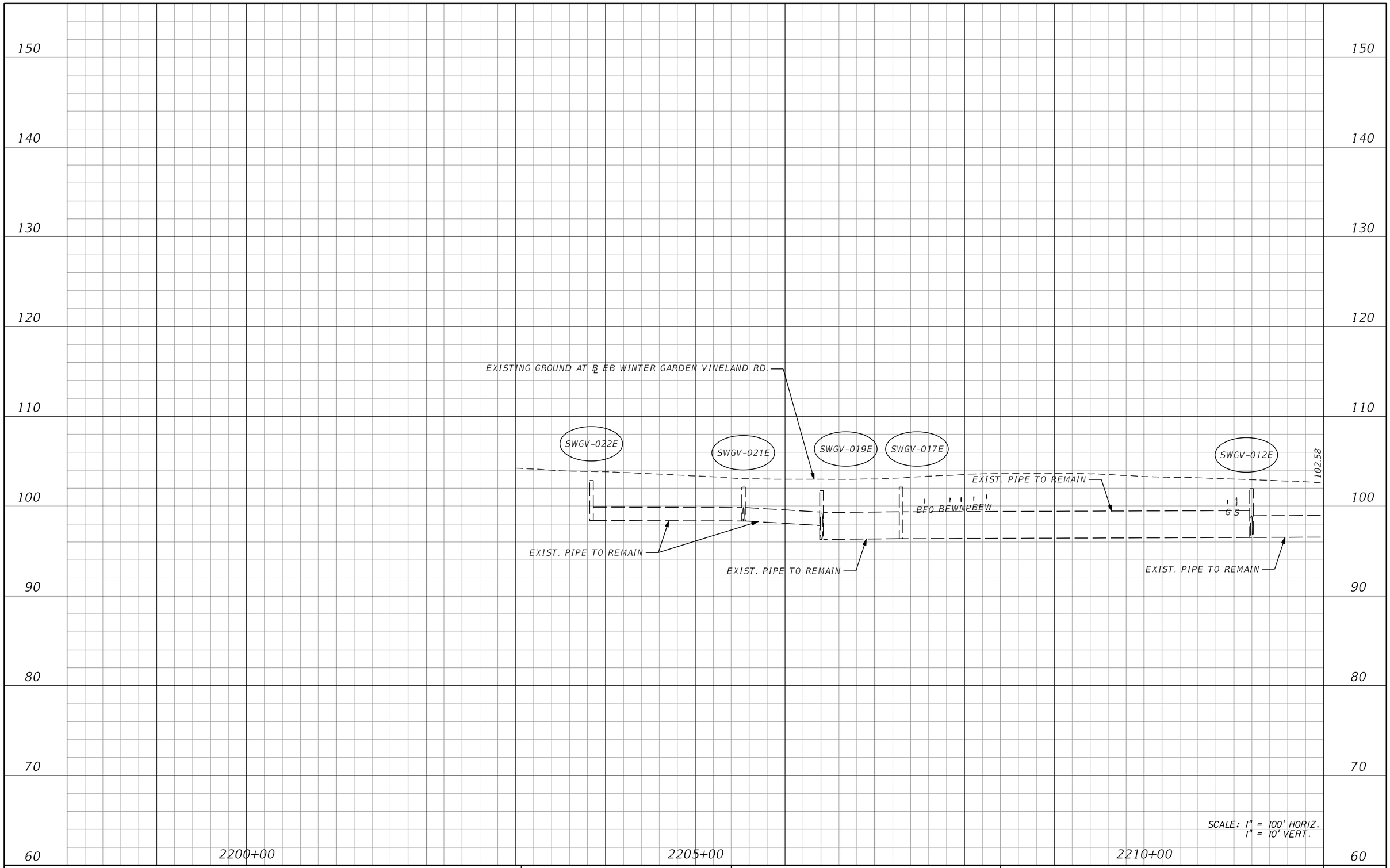
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WB HOTEL PLAZA BLVD. PROFILE SHEET

SHEET NO. 351

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/25/2021 12:28:37 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_WBHOTELPLAZA_01.DGN



REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EB WINTER GARDEN VINELAND RD. PROFILE SHEET

SHEET NO. 352

PRELIMINARY: NOT FOR CONSTRUCTION

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150
140
130
120
110
100
90
80
70
60

EXISTING GROUND AT ℄ EB WINTER GARDEN VINELAND RD.

102.58

SWGV-009E

SWGV-008E

SWGV-005E

G

W

WNP

EXIST. PIPE TO REMAIN

EXIST. PIPE TO REMAIN

2215+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EB WINTER GARDEN VINELAND RD.
PROFILE SHEET

SHEET NO.
353

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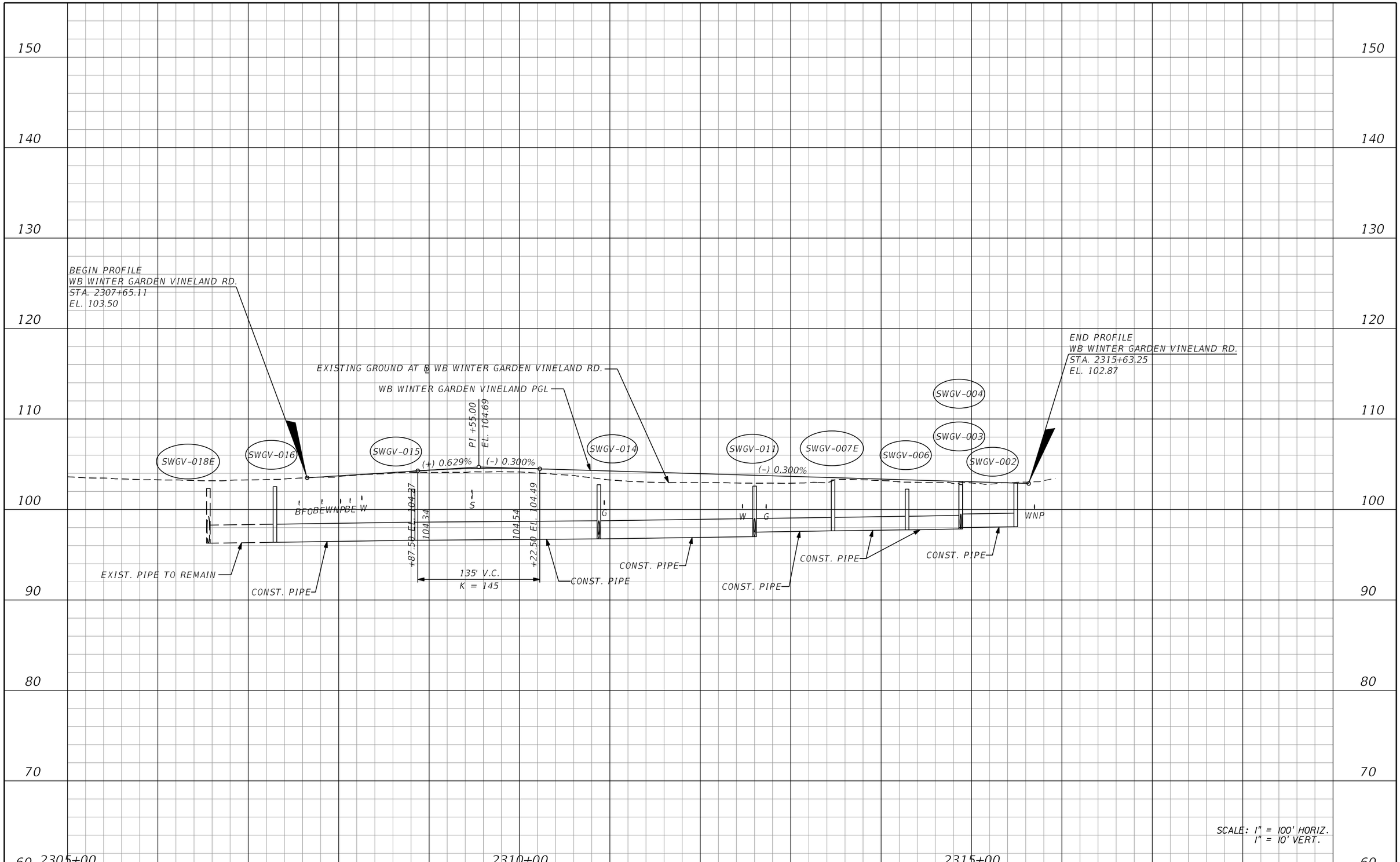

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WB WINTER GARDEN VINELAND RD.
PROFILE SHEET

SHEET NO.
354

PRELIMINARY: NOT FOR CONSTRUCTION

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150
140
130
120
110
100
90
80
70
60

BEGIN PROFILE
EB PALM PKWY.
STA. 2000+29.84
EL. 102.95

EB PALM PKWY. PGL

SBLK-065
SBLK-067
SBLK-068
SBLK-069
SPPW-020
SPPW-021
SPPW-022

(+) 1.750%
(+) 0.400%
(+) 0.400%
(-) 0.450%
(-) 0.450%
(+) 0.300%

PI +50.00
EL. 105.05
PI +00.00
EL. 106.05
PI +50.00
EL. 104.93

+97.50 EL. 104.13
104.18
105.25
+02.50 EL. 105.26
106.58
106.66

G BE
BE
W
BE
W
G W
G

105' V.C.
K = 78

SEE ℄ SB 535 PROFILE
FOR CONTINUATION

CONST. PIPE

SEE ℄ WB PALM PARKWAY
FOR CONTINUATION

EXISTING GROUND AT ℄ EB PALM PKWY.

CONST. PIPE
CONST. PIPE
CONST. PIPE

2000+00
2005+00
2010+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

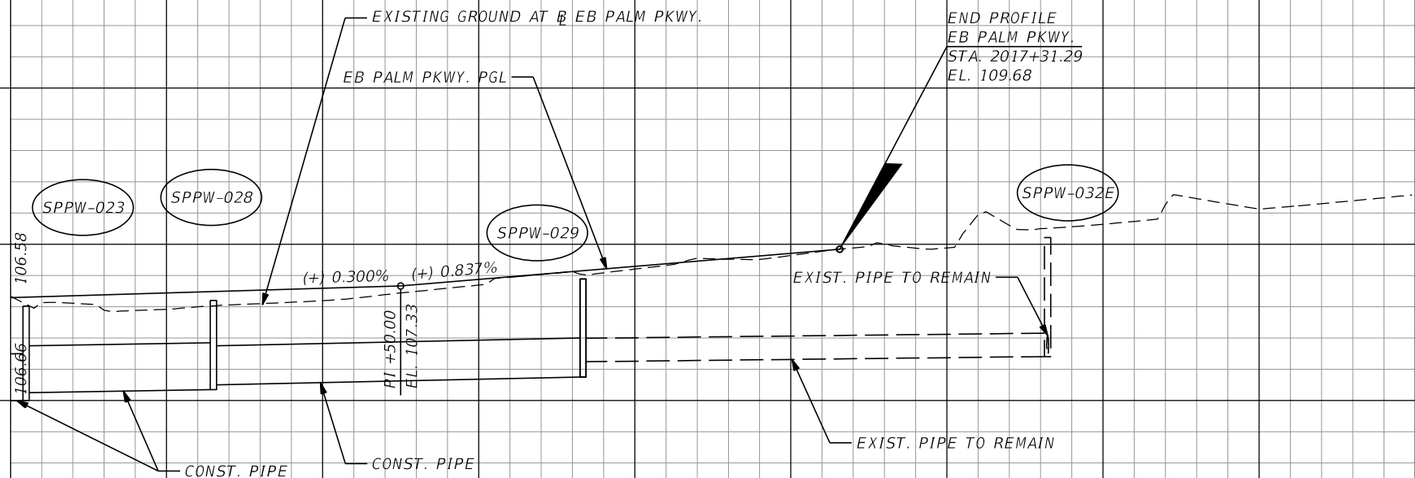
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EB PALM PARKWAY PROFILE SHEET

SHEET NO. 355

glen.dvorovy 2/24/2021 9:17:54 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_EBPALM_01.dgn

150
140
130
120
110
100
90
80
70
60



SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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150 North Orange Avenue, Suite 200
Orlando, FL, 32801
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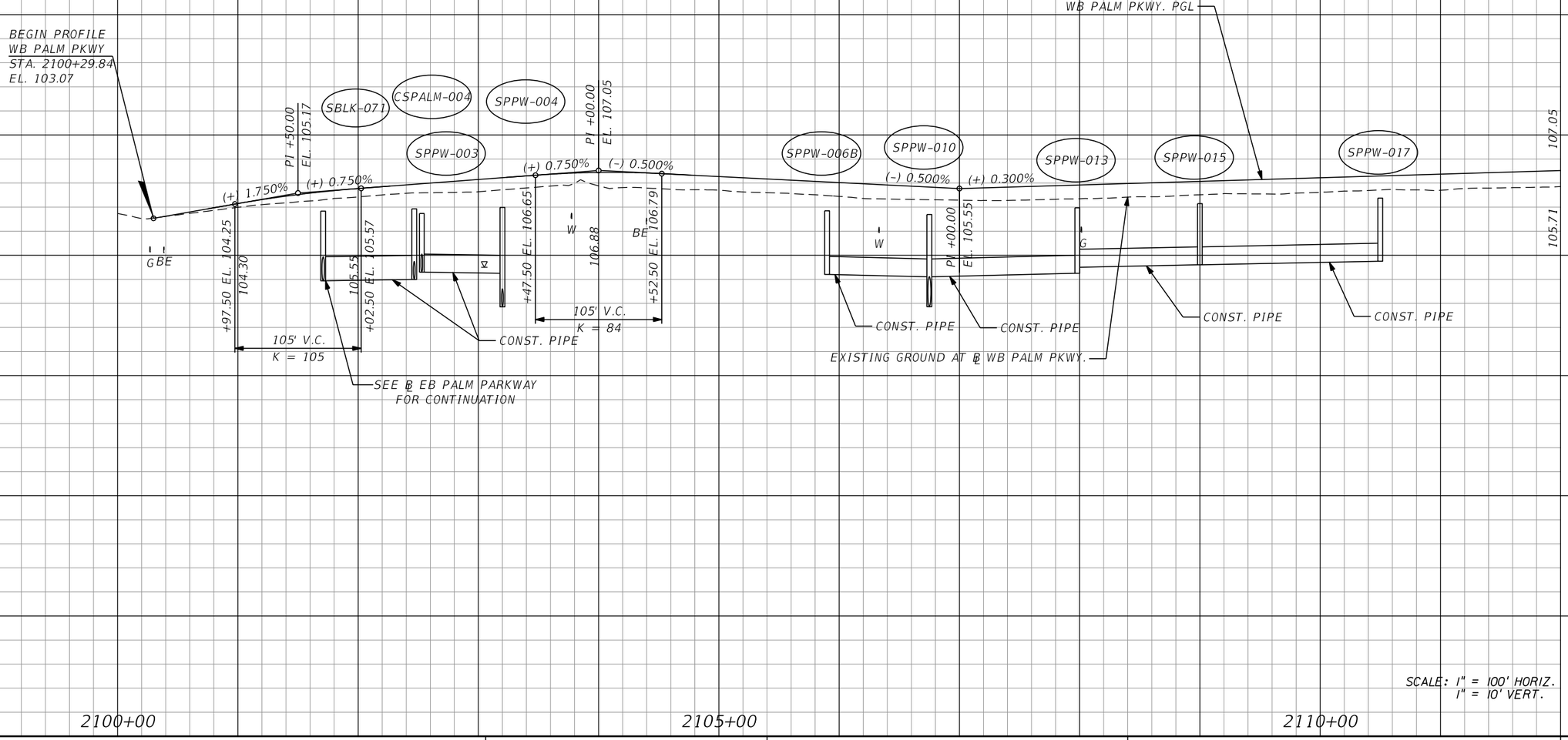
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EB PALM PARKWAY PROFILE SHEET

SHEET NO. 356

PRELIMINARY: NOT FOR CONSTRUCTION



SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WB PALM PARKWAY PROFILE SHEET

SHEET NO. 357

glen.dvorovy 2/24/2021 9:18:01 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_WBPALM_01.DGN

150
140
130
120
110
100
90
80
70
60

WB PALM PKWY. PGL

END PROFILE
WB PALM PKWY
STA. 2117+18.00
EL. 109.94

107.05

(+) 0.300%

(+) 1.074%

105.71

PI +45.00
EL. 108.08

EXISTING GROUND AT ℄ WB PALM PKWY.

2115+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WB PALM PARKWAY PROFILE SHEET

SHEET NO. 358

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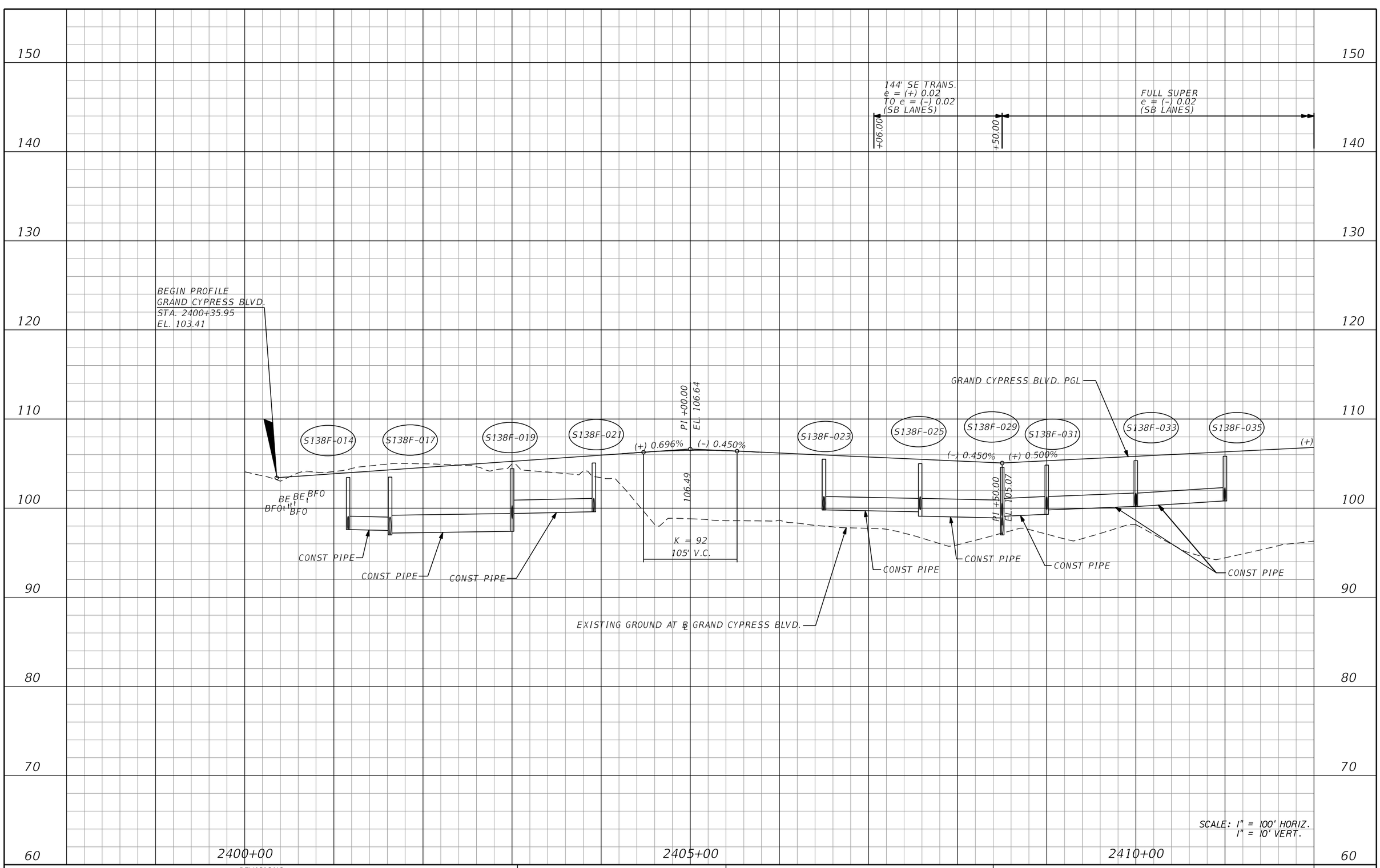

PRELIMINARY: NOT FOR CONSTRUCTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

GRAND CYPRESS BLVD. PROFILE SHEET

SHEET NO. 359

glen.dvorovy 2/24/2021 9:18:08 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_GRANDCYPRESS_01.dgn

150
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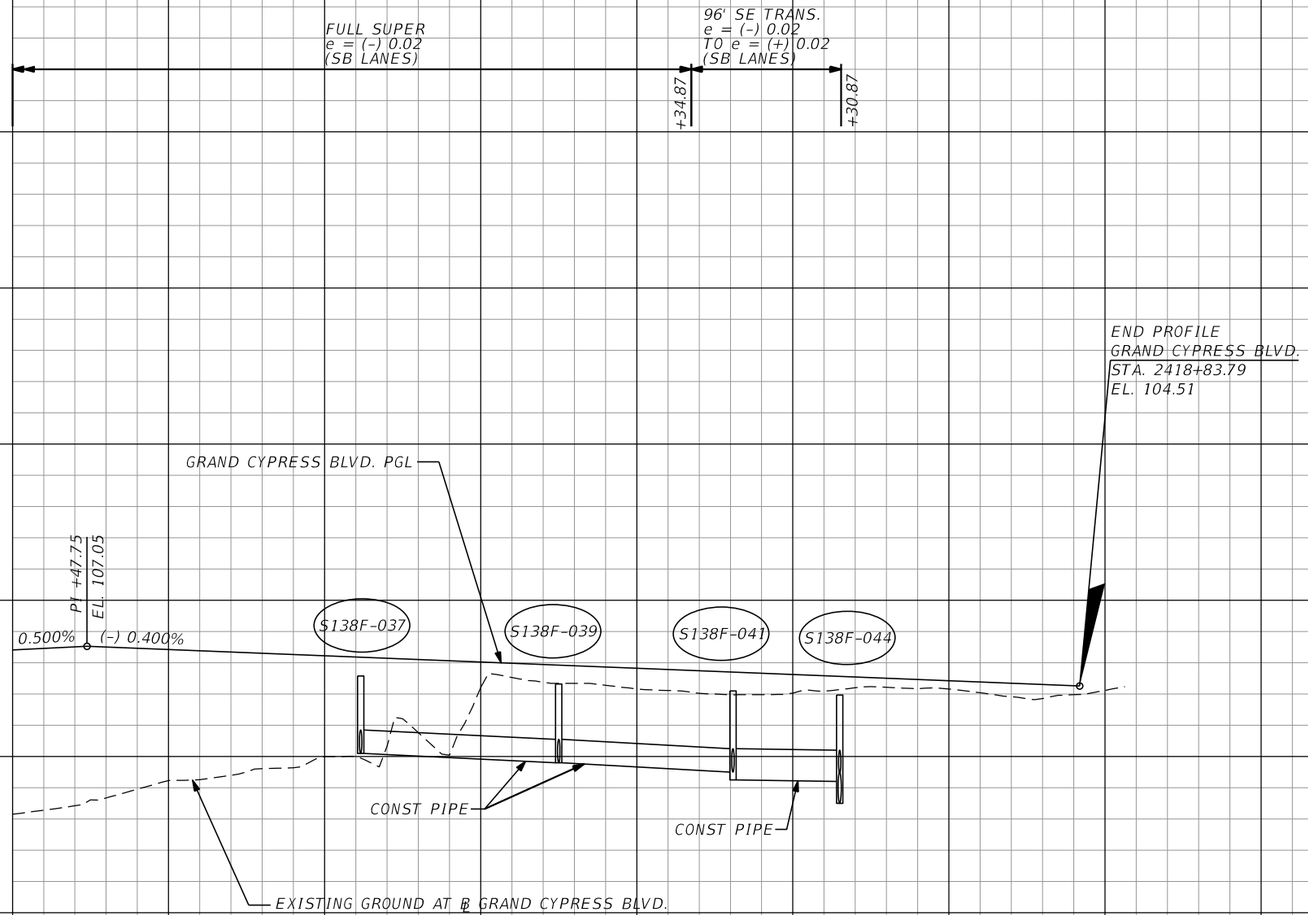

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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150 North Orange Avenue, Suite 200
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

GRAND CYPRESS BLVD. PROFILE SHEET

SHEET NO. 360

PRELIMINARY: NOT FOR CONSTRUCTION

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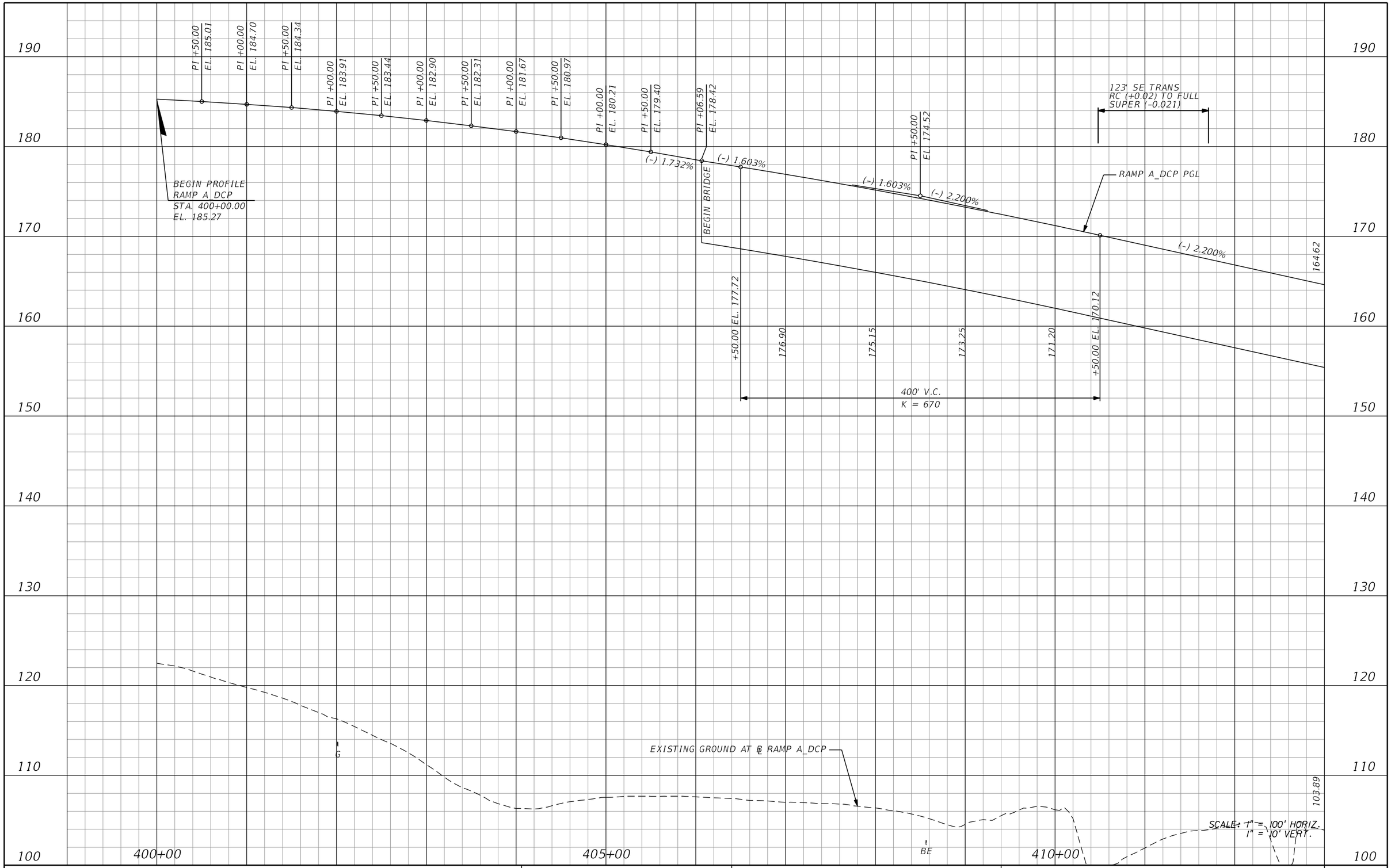

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A_DCP PROFILE SHEET

SHEET NO. 361

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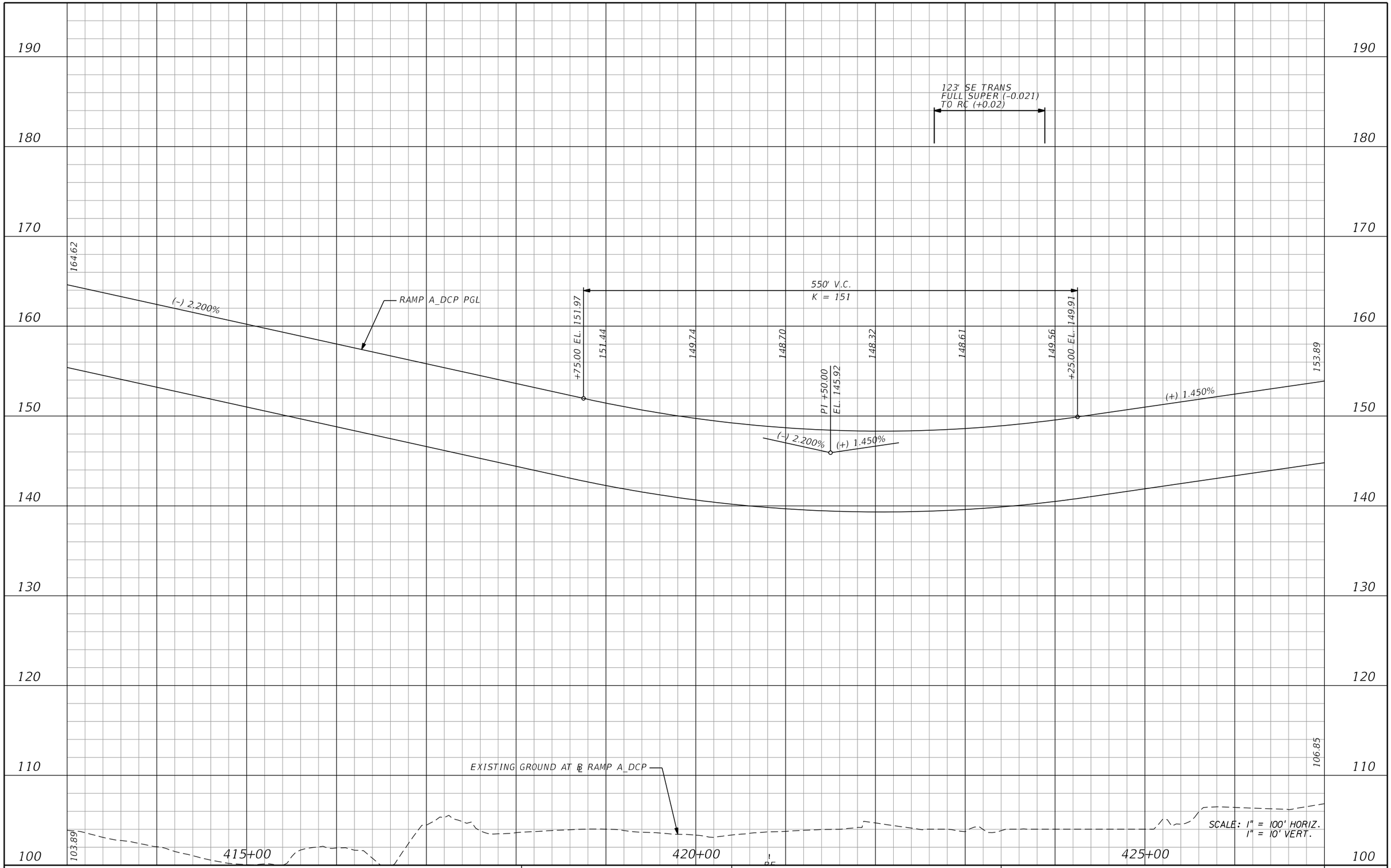

REVISIONS

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T 407.843.6552 F 407.839.1789
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A_DCP PROFILE SHEET

SHEET NO. 362

PRELIMINARY: NOT FOR CONSTRUCTION

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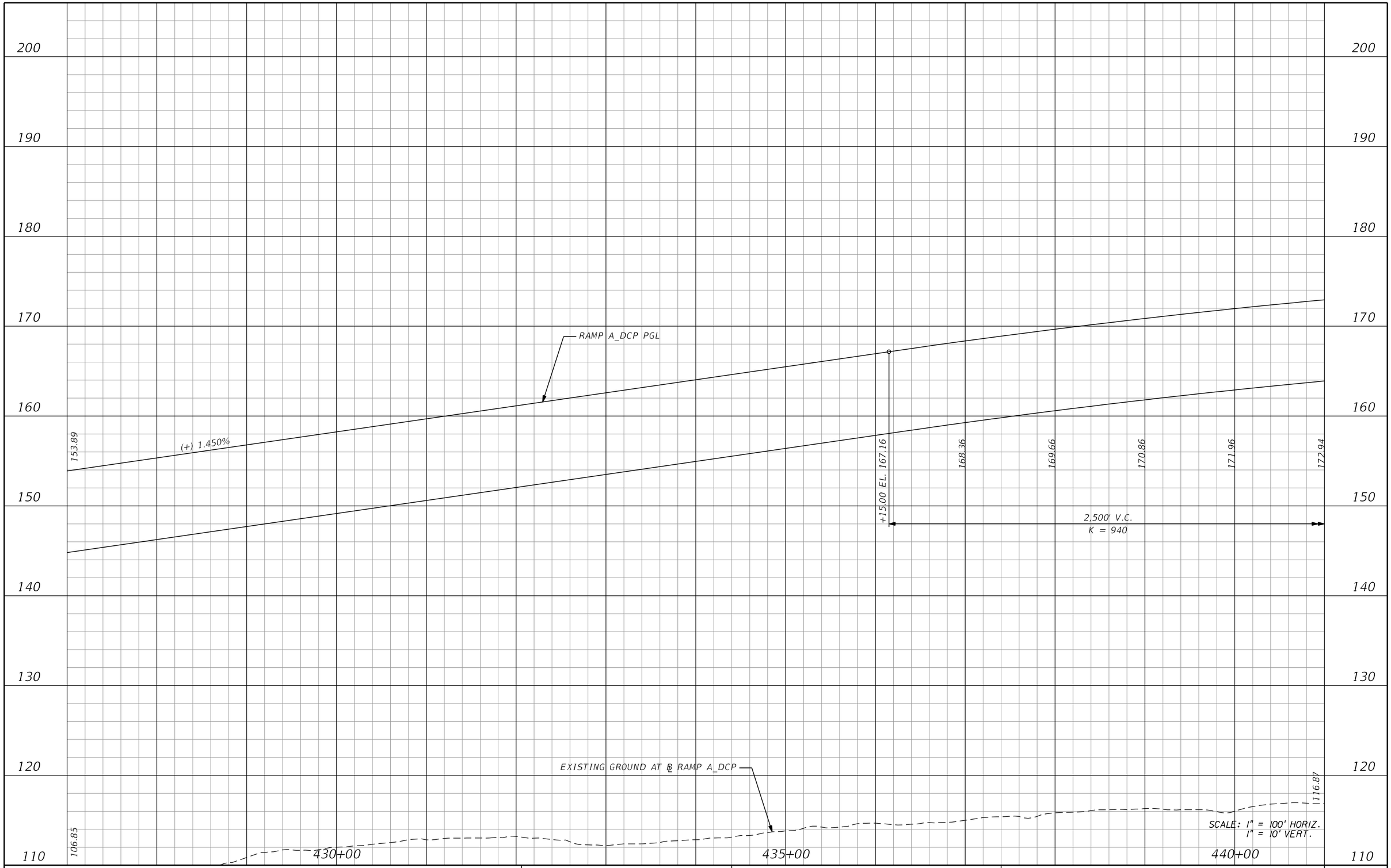

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A_DCP PROFILE SHEET

SHEET NO. 363

PRELIMINARY: NOT FOR CONSTRUCTION

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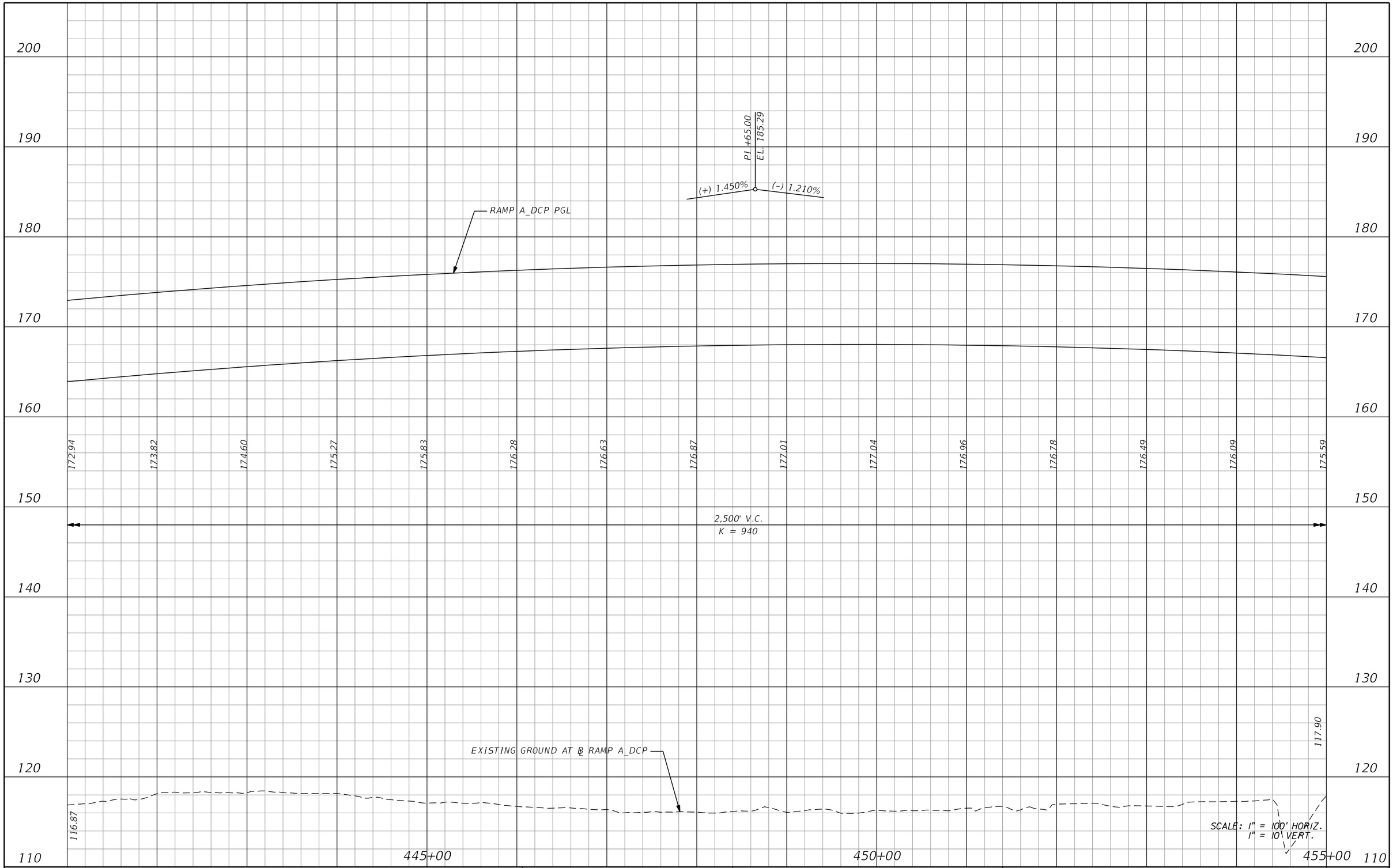

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A_DCP PROFILE SHEET

SHEET NO. 364

PRELIMINARY: NOT FOR CONSTRUCTION

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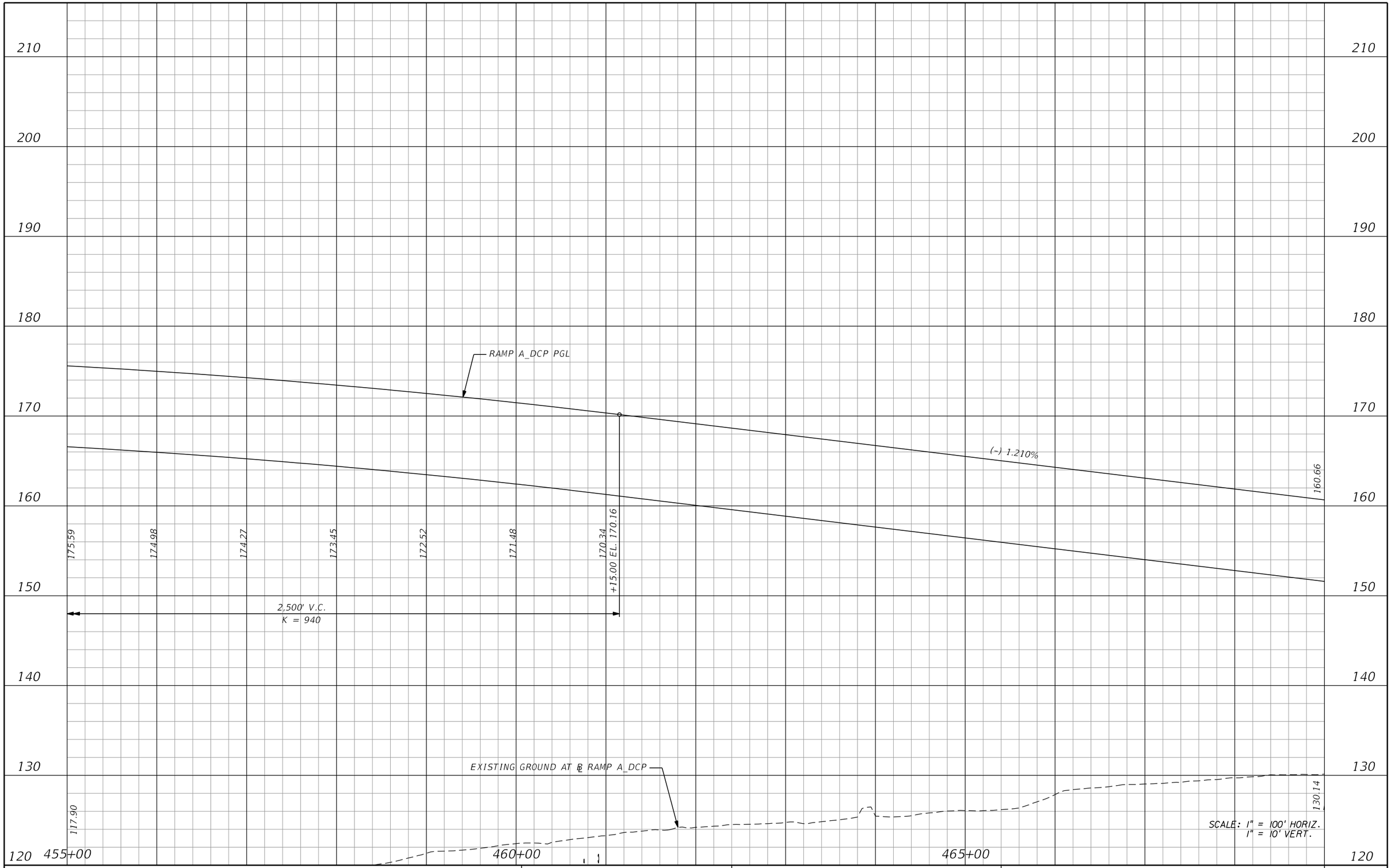

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Orlando, FL, 32801
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A_DCP PROFILE SHEET

SHEET NO. 365

PRELIMINARY: NOT FOR CONSTRUCTION

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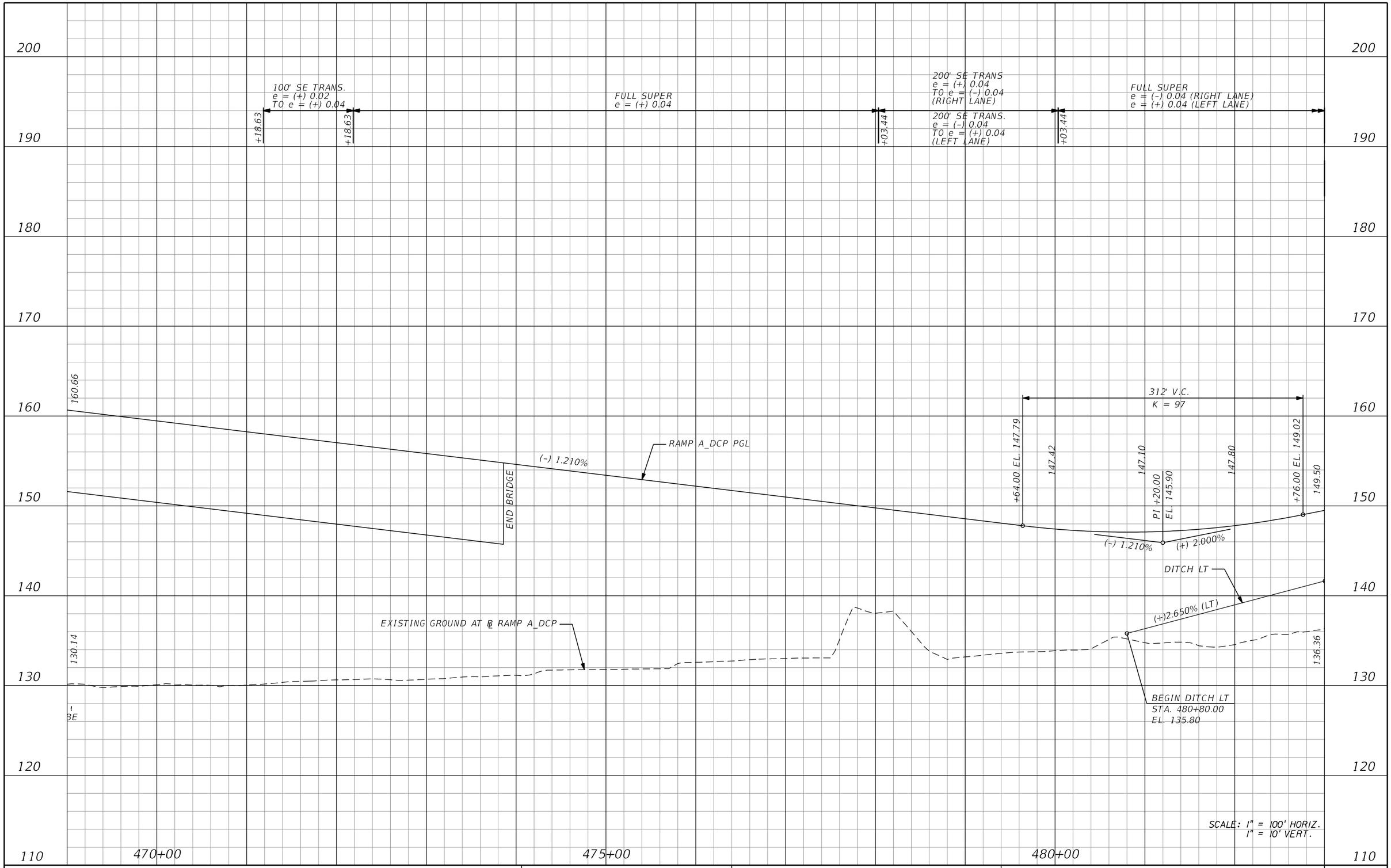


REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

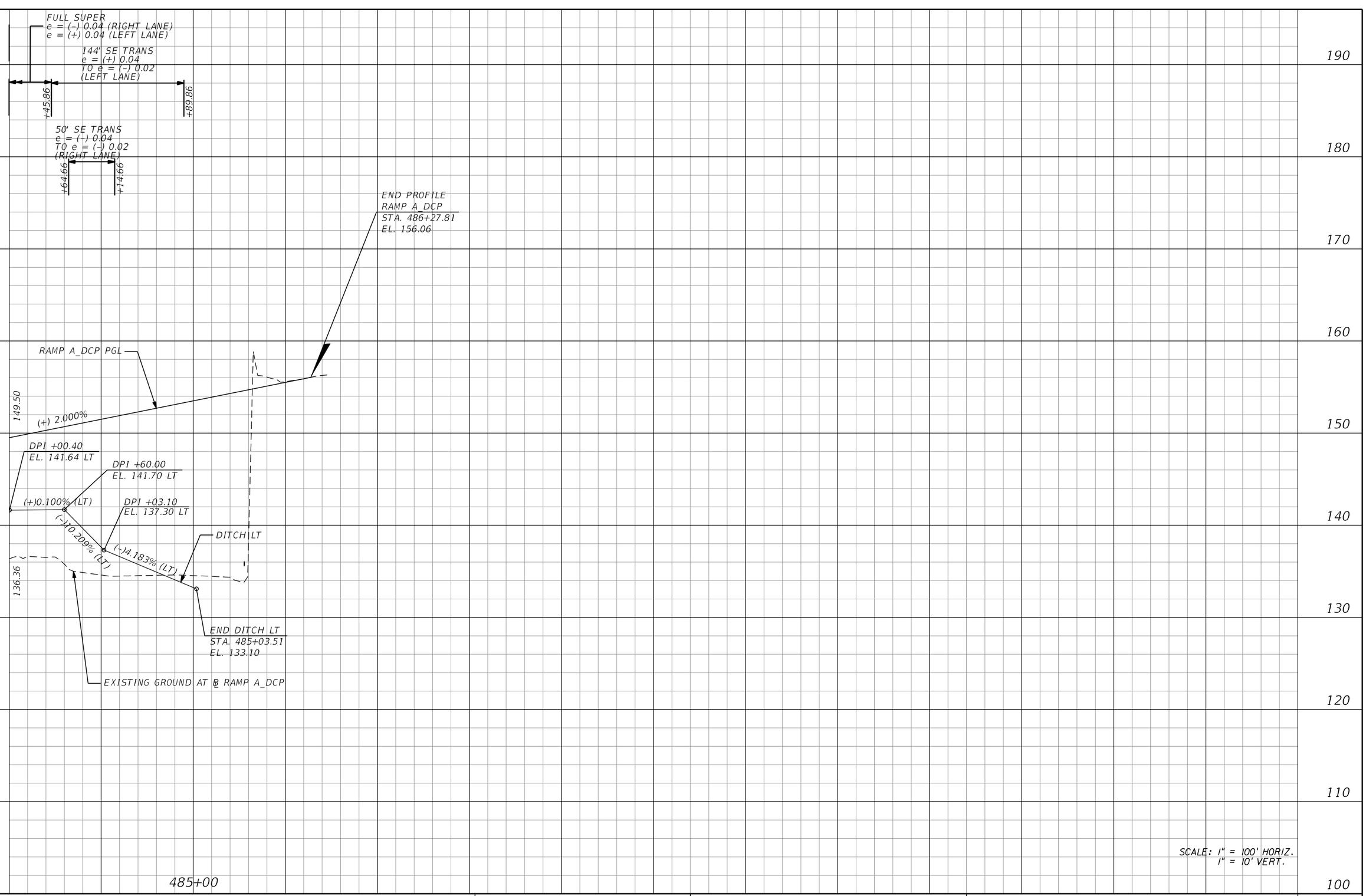
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A_DCP PROFILE SHEET

SHEET NO. 366

PRELIMINARY: NOT FOR CONSTRUCTION



SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A_DCP
PROFILE SHEET

SHEET NO. 367

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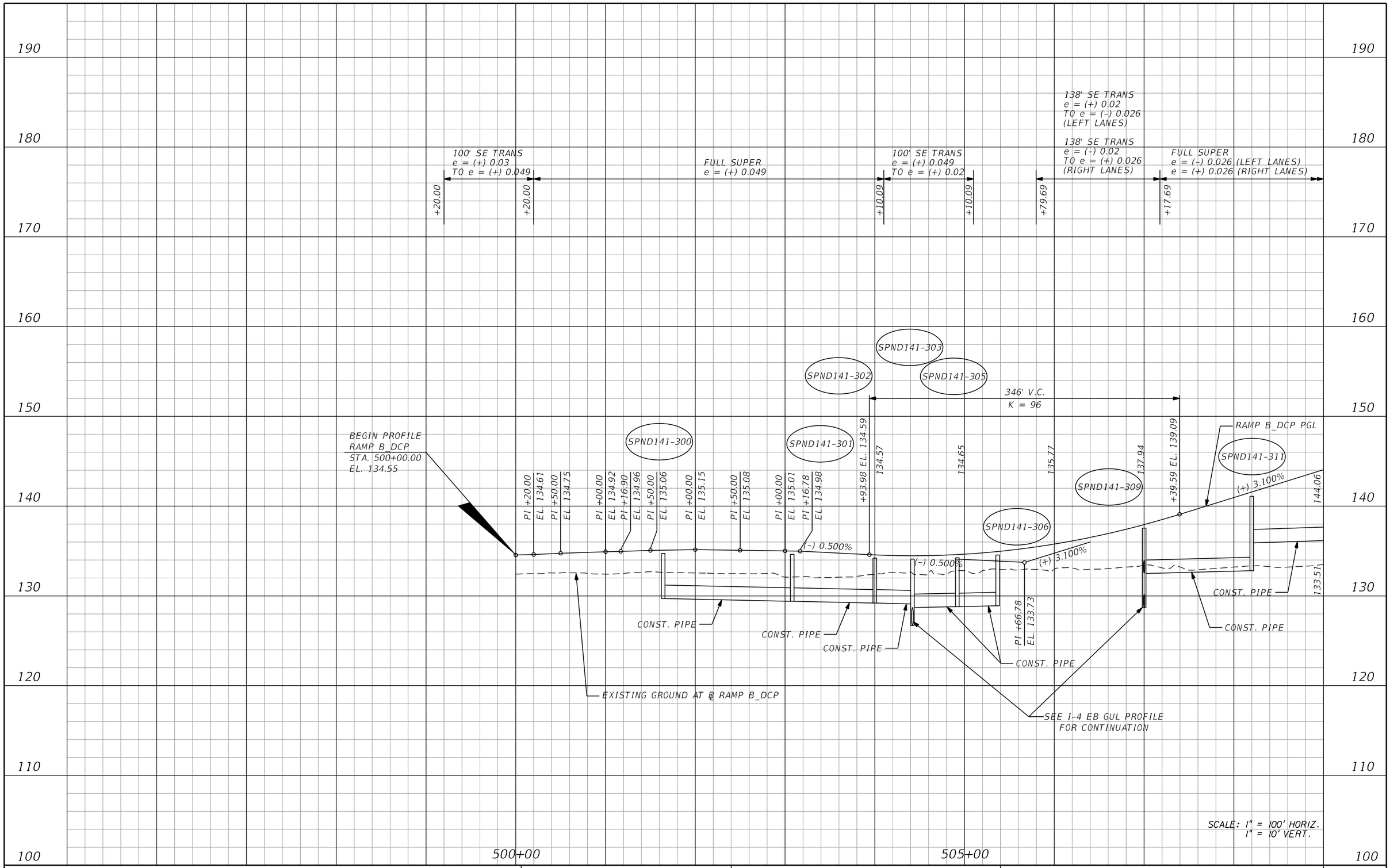

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B_DCP PROFILE SHEET

SHEET NO. 368

PRELIMINARY: NOT FOR CONSTRUCTION

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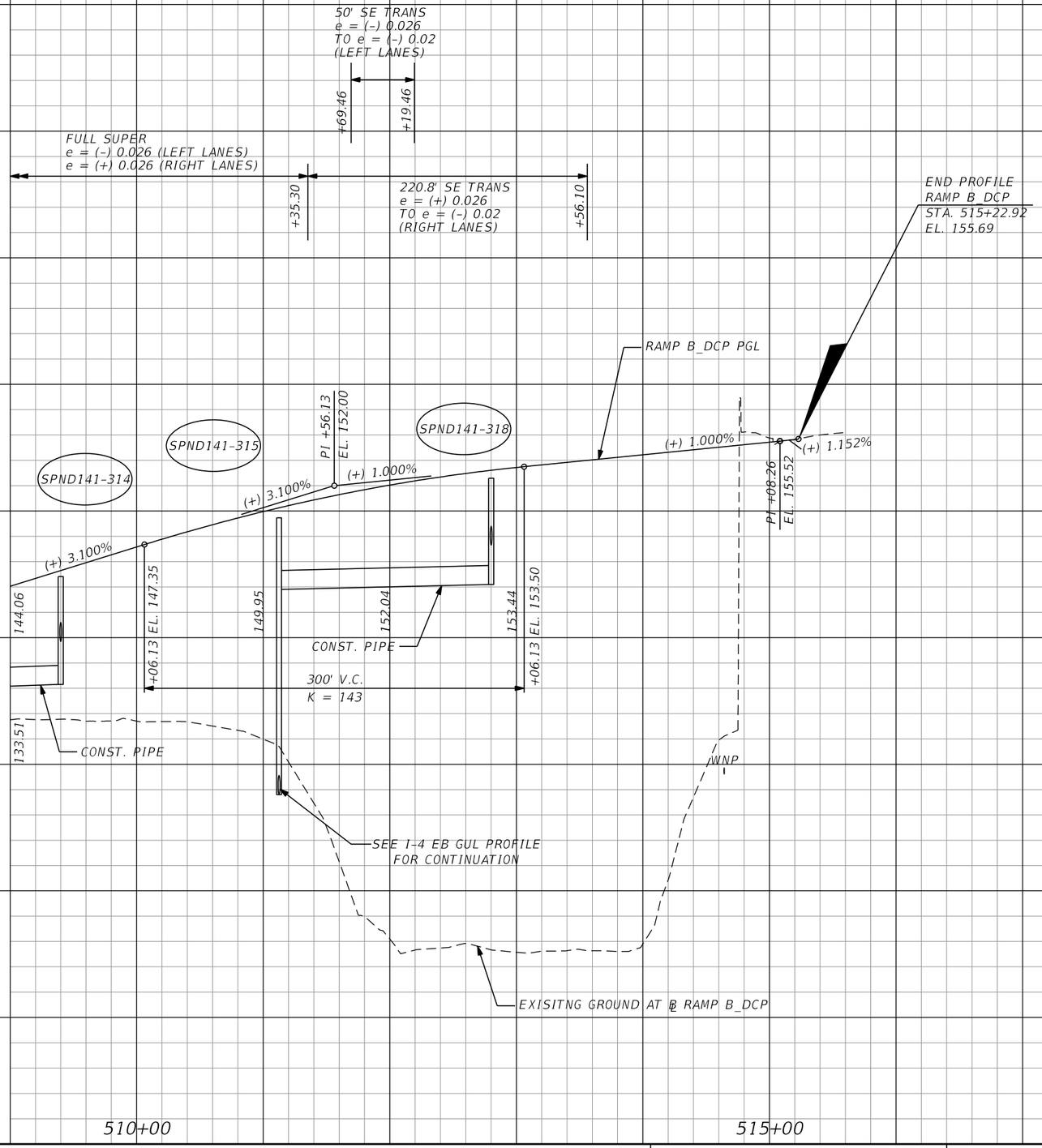

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B_DCP PROFILE SHEET

SHEET NO. 369

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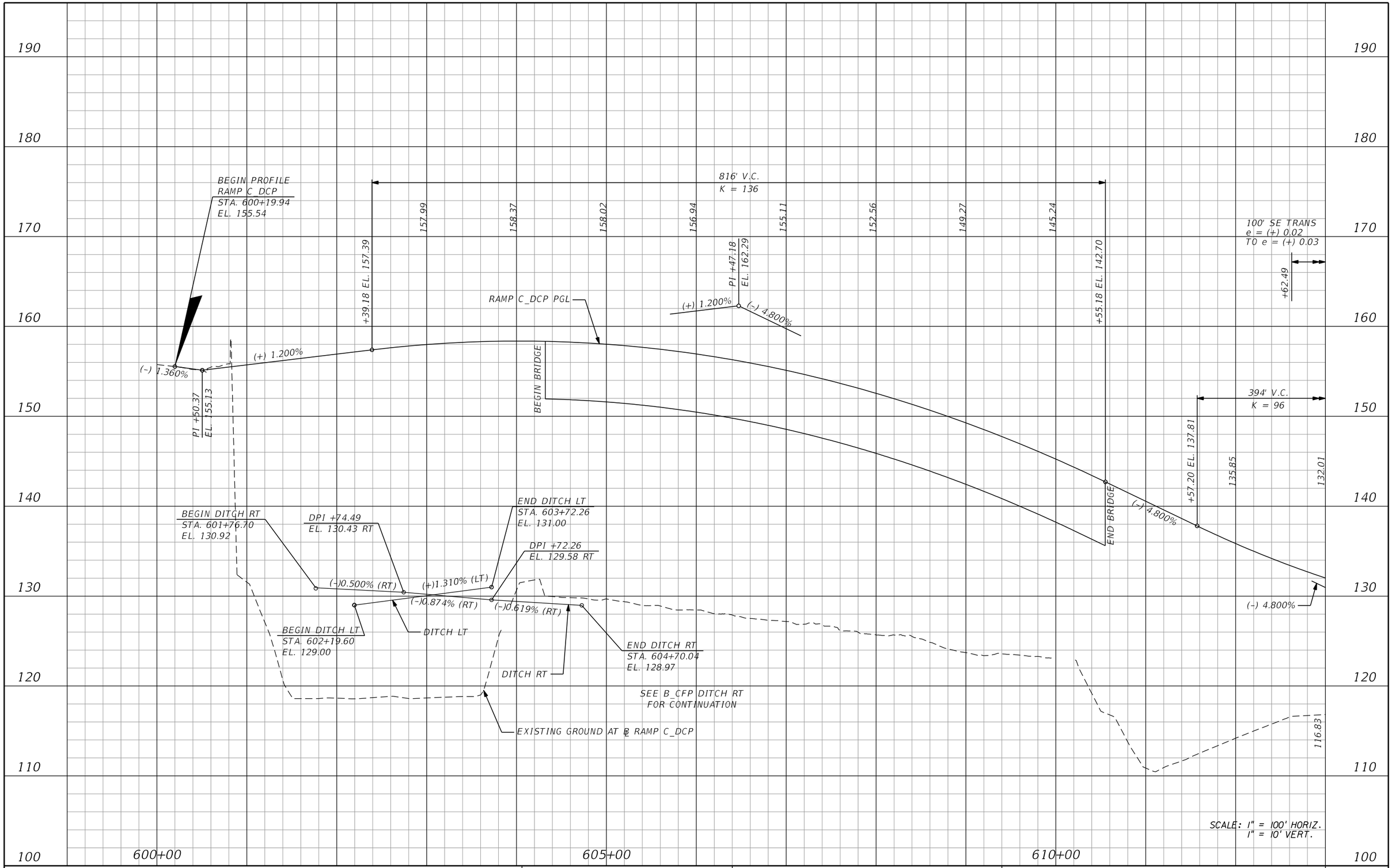

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C_DCP PROFILE SHEET

SHEET NO. 370

PRELIMINARY: NOT FOR CONSTRUCTION

170
160
150
140
130
120
110
100
90
80

100' SE TRANS
e = (+) 0.02
TO e = (+) 0.03

+62.49

FULL SUPER
e = (+) 0.03

+22.48

394' V.C.
K = 96

132.01

129.22

127.47

+50.80 EL. 126.98

END PROFILE
RAMP C_DCP
STA. 619+22.48
EL. 125.59

P.I. +00.00
EL. 126.81

P.I. +50.00
EL. 126.67

P.I. +00.00
EL. 126.52

P.I. +50.00
EL. 126.34

P.I. +00.00
EL. 126.15

P.I. +50.00
EL. 125.94

P.I. +00.00
EL. 125.70

(-) 4.800%

(-) 0.700%

P.I. +54.00
EL. 128.36

P.I. +59.32
EL. 126.92

RAMP C_DCP PGL

116.83

EXISTING GROUND AT ℄ RAMP C_DCP

615+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C_DCP PROFILE SHEET

SHEET NO. 371

PRELIMINARY: NOT FOR CONSTRUCTION

180
170
160
150
140
130
120
110
100
90

700+00
705+00
710+00

BEGIN PROFILE
RAMP D_DCP
STA. 700+24.28
EL. 155.80

PI +48.00
EL. 155.32

(-) 2.000%

(-) 2.660%

PI +07.98
EL. 153.73

RAMP D_DCP PGL

(-) 2.473%

100' SE TRANS
e = (-) 0.02
TO e = (-) 0.03
(LEFT LANE)

+51.41

+51.41

150' SE TRANS
e = (-) 0.02
TO e = (+) 0.03
(RIGHT LANE)

+11.41

+61.41

FULL SUPER
e = (+) 0.03 (RIGHT LANE)
e = (-) 0.03 (LEFT LANE)

210' V.C.
K = 98

SPND140-284

SPND140-287

SPND140-289

END DITCH RT
STA. 708+87.77
EL. 129.19

DITCH RT

(+)0.148% (RT)

BEGIN DITCH RT
STA. 707+56.86
EL. 129.00

CONST PIPE

CONST PIPE

(-)0.724% (LT)

BEGIN DITCH LT
STA. 708+20.00
EL. 125.00

DITCH LT

DPI +79.81
EL. 123.12 LT

(-)1.142% (LT)

PI +15.00
EL. 128.83

131.42
+10.00 EL. 131.42

129.61

128.57
+20.00 EL. 128.49

(-) 2.473%

(-) 0.323%

(-) 0.323%

PI +78.25
EL. 128.30

PI +00.00
EL. 128.23

123.17

EXISTING GROUND AT ℄ RAMP D_DCP

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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SR 400	ORANGE	242484-8-52-01

RAMP D_DCP
PROFILE SHEET

SHEET NO.
372

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170
160
150
140
130
120
110
100
90
80

FULL SUPER
e = (+) 0.03 (RIGHT LANE)
e = (-) 0.03 (LEFT LANE)

+26.89

RAMP D_DCP PGL

END PROFILE
RAMP D_DCP
STA. 717+26.89
EL. 126.52

PI +00.00
EL. 128.23

PI +50.00
EL. 128.09

PI +00.00
EL. 127.92

PI +50.00
EL. 127.75

PI +00.00
EL. 127.55

PI +50.00
EL. 127.35

PI +00.00
EL. 127.14

PI +50.00
EL. 126.90

PI +00.00
EL. 126.66

123.17

PI +17.46
EL. 127.48

END DITCH LT
STA. 716+69.51
EL. 116.19

(-)1.142% (LT)

(-)1.340% (LT)

EXISTING GROUND AT ℄ RAMP D_DCP

DPI +70.02
EL. 117.52 LT

SEE WBCD2 DITCH LT
FOR CONTINUATION

DITCH LT

715+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D_DCP PROFILE SHEET

SHEET NO. 373

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160
150
140
130
120
110
100
90
80
70

FULL SUPER
e = (+) 0.03

100' SE TRANS
e = (+) 0.03
TO e = (+) 0.02

+00.00
+00.00
+00.00

BEGIN PROFILE
RAMP A_CFP
STA. 100+00.00
EL. 116.97

RAMP A_CFP PGL

PI +50.00
EL. 116.13
PI +00.00
EL. 115.39
PI +50.00
EL. 114.75
PI +00.00
EL. 114.22

SPND142-607
SPND142-617
SPND142-620
SPND142-631
SPND142-643
SPND142-655
SPND142-668

PI +50.00
EL. 113.80
PI +00.00
EL. 113.49
PI +50.00
EL. 113.28
PI +00.00
EL. 113.19
PI +50.00
EL. 113.20
PI +00.00
EL. 113.33
PI +50.00
EL. 113.57
PI +00.00
EL. 113.92
PI +50.00
EL. 114.38
PI +58.78
EL. 114.47
PI +20.00
EL. 116.12

(+) 1.025%
(-) 1.147%

110.62

PI +44.77
EL. 113.84

EXISTING GROUND AT ℄ RAMP A_CFP

SEE WBCD2 AND I-4 WB GUL
PROFILES FOR CONTINUATION

CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE

+70.00 EL. 114.59
114.86
115.31
115.03
+70.00 EL. 114.40
109.02

300' V.C.
K = 138

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

100+00
105+00
110+00

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A_CFP
PROFILE SHEET

SHEET NO. 374

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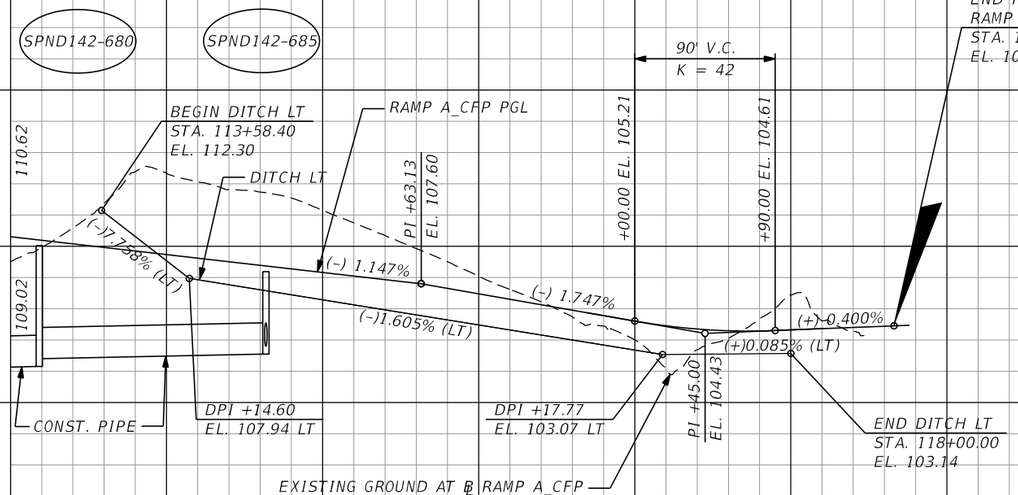
150
140
130
120
110
100
90
80
70
60



SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A_CFP PROFILE SHEET

SHEET NO. 375

PRELIMINARY: NOT FOR CONSTRUCTION

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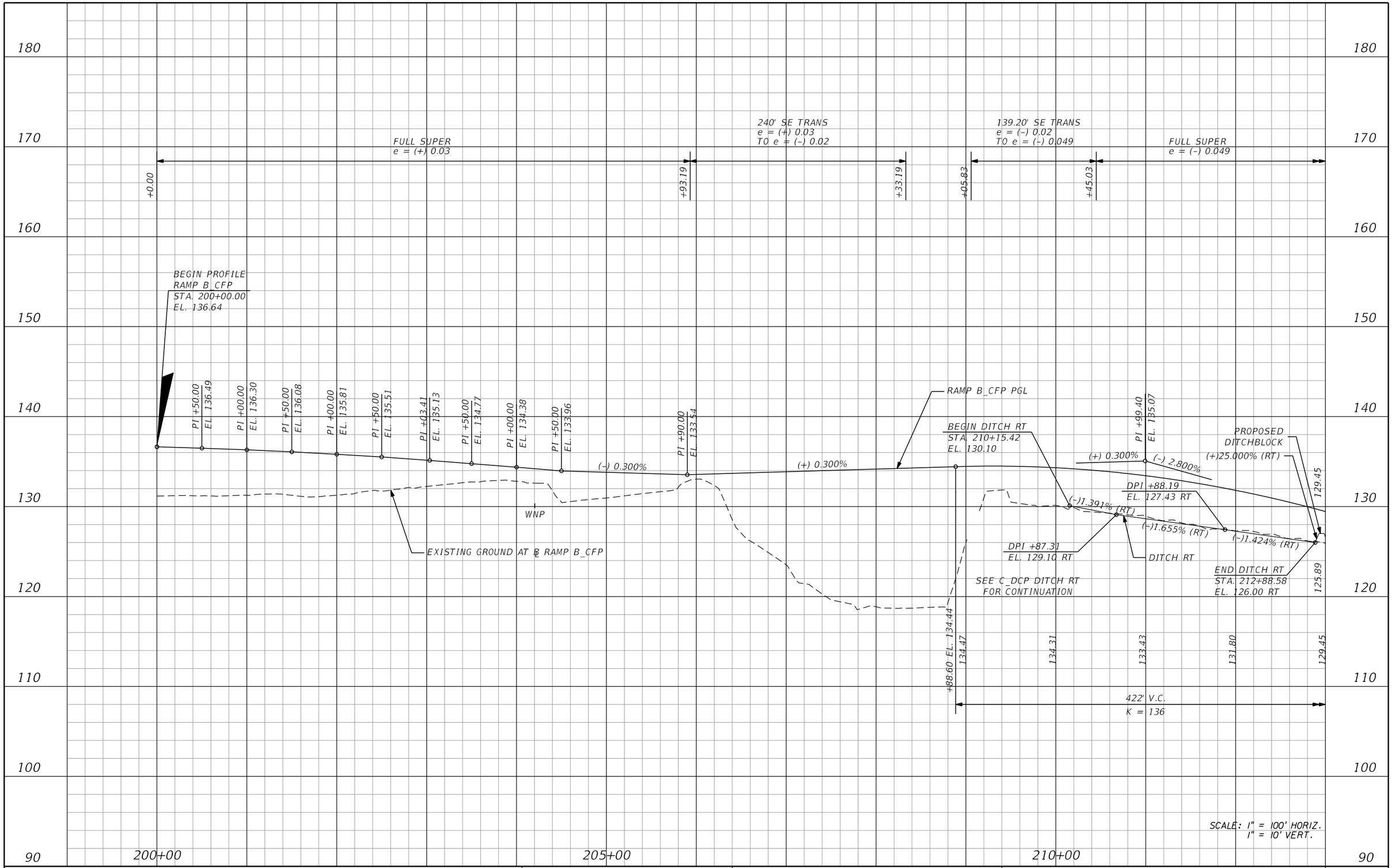

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B_CFP PROFILE SHEET

SHEET NO. 376

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FULL SUPER
e = (–) 0.049

331.20' SE TRANS
e = (–) 0.049
T0 e = (+) 0.02

100' SE TRANS
e = (+) 0.02
T0 e = (+) 0.031

FULL SUPER
e = (+) 0.031

244.80' SE TRANS
e = (+) 0.031
T0 e = (–) 0.02

+62.13
+93.33
+69.32
+69.32
+83.16

K = 96
317' V.C.

END DITCH RT
STA. 214+15.04
EL. 122.00 RT

129.45
(–)26.102% (RT)
PROPOSED
DITCHBLOCK
+29.81 EL. 125.82
124.11
122.56
122.05
+46.61 EL. 122.17

SPND141–355
SPND141–361
SPND141–364
SPND141–370
SPND141–375
SPND141–378
SPND141–391
SPND141–395
SPND141–410

(–) 2.800%
(–)1.888% (RT)
(–) 2.800%
(+) 0.500%
(+) 0.500%

125.89
+10.20 EL. 129.17
DITCH RT
BEGIN DITCH RT
STA. 213+10.15
EL. 123.98

PI +88.21
EL. 121.38

RAMP B_CFP PGL

PI +98.71
EL. 125.93
(+) 0.500%
(–) 0.500%
124.93

+48.71 EL. 125.18
125.40
125.56
125.39
+48.71 EL. 125.18
300' V.C.
K = 300

CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE
CONST. PIPE

SEE I-4 EB GUL PROFILE
FOR CONTINUATION

EXISTING GROUND AT ℄ RAMP B_CFP

104.69

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

170 160 150 140 130 120 110 100 90 80

215+00 220+00 225+00

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SR 400	ORANGE	242484-8-52-01

RAMP B_CFP PROFILE SHEET

SHEET NO. 377

PRELIMINARY: NOT FOR CONSTRUCTION

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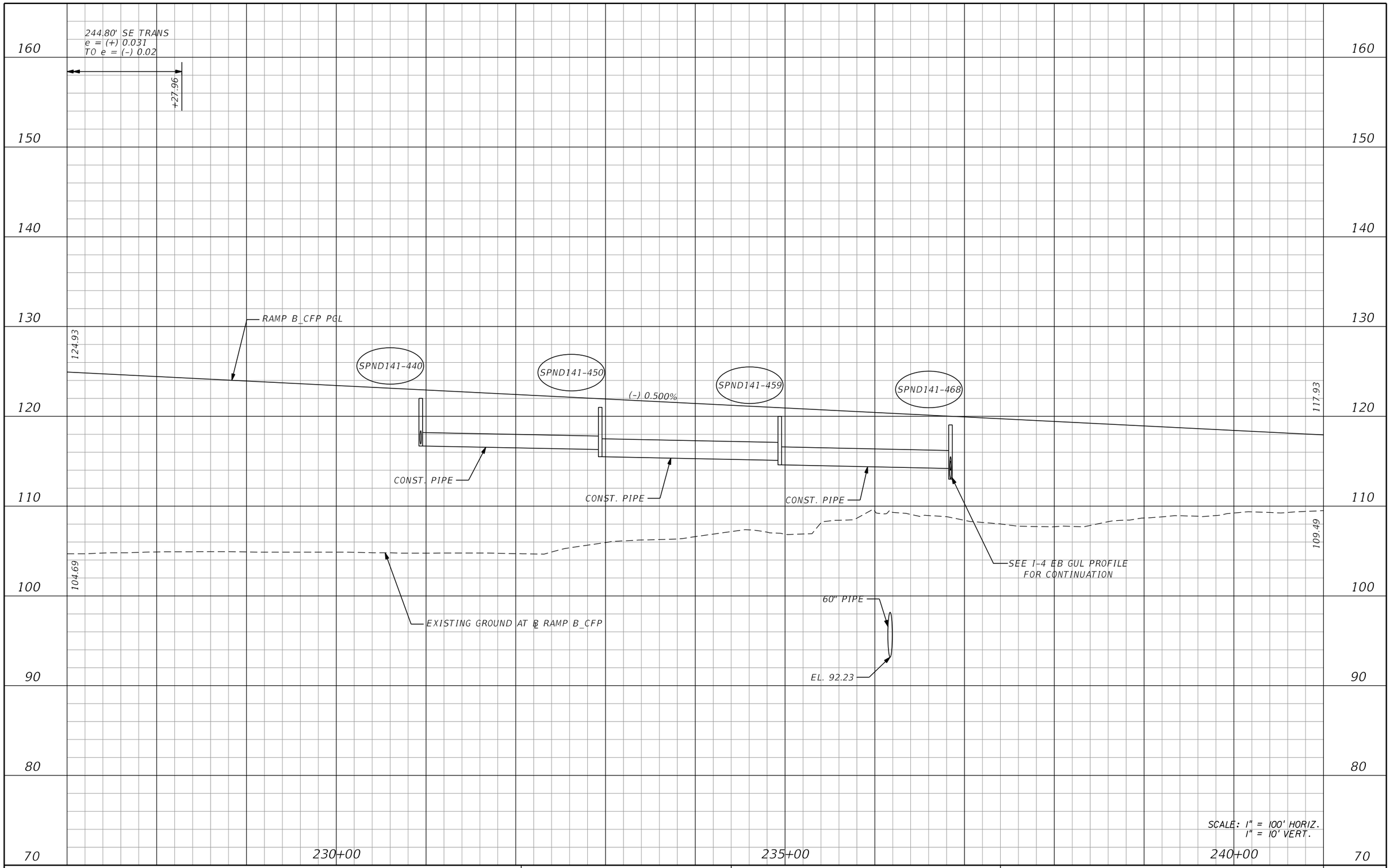

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RAMP B_CFP
PROFILE SHEET

SHEET NO. 378

PRELIMINARY: NOT FOR CONSTRUCTION

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160
150
140
130
120
110
100
90
80
70

117.93
109.49
RAMP B_CFP PGL
(-) 0.500%
EXISTING GROUND AT ℄ RAMP B_CFP
245+00
250+00
255+00
SPND142-601
SPND142-626
200' V.C.
K = 158
+69.63 EL. 113.08
112.96
112.97
+69.63 EL. 113.35
PI +17.55 BL SHIFT 12' LT
EL. 113.72
BEGIN DITCH RT
STA. 253+20.00
EL. 110.75
DITCH RT
114.88
(+) 0.768%
(-) 0.500%
(+) 0.768%
(+)0.726% (RT)
PI +69.63
EL. 112.58
PI +17.55
EL. 113.47
DPI +92.15
EL 112.00 RT
107.40
CONST. PIPE
SEE I-4 EB GUL PROFILE
FOR CONTINUATION
SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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SR 400	ORANGE	242484-8-52-01

RAMP B_CFP PROFILE SHEET

SHEET NO. 379

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160
150
140
130
120
110
100
90
80
70

100' SE TRANS
e = (+) 0.02
TO e = (-) 0.02
(RIGHT LANE)

+80.00 +80.00

114.88
(+) 0.768%
SPND142-636
(+) 0.768%
(-) 0.502%
PI +80.00
EL. 117.02
(+)0.050% (RT)
(+)0.900% (RT)
DPI +94.47
EL 112.15 RT
107.40
BE BE BE
CONST. PIPE
+30.00 EL. 115.87
116.31
300' V.C.
K = 236
116.57
116.40
+30.00 EL. 116.27
CONST. PIPE
SPND142-648
RAMP B_CFP PGL
DITCH RT
(-)0.725% (RT)
DPI +00.39
EL 114.00 RT
CONST. PIPE
EXISTING GROUND AT ℄ RAMP B_CFP
SPND142-660
(-)1.729% (RT)
DPI +07.84
EL 112.50 RT
CONST. PIPE
SPND142-672
SPND142-683
DPI +11.93
EL 110.70 RT
CONST. PIPE
BEGIN DITCH LT
STA. 265+19.57
EL. 111.48
(-) 0.502%
(-)0.144% (RT)
CONST. PIPE
END DITCH RT
STA. 265+19.57
EL. 110.40
SPND142-687
(-)1.272% (LT)
DPI +16.96
EL. 110.30 LT
DITCH LT
(+)0.058% (LT)
END PROFILE
RAMP B_CFP
STA. 268+28.82
EL. 111.76
END DITCH LT
STA. 267+83.25
EL. 110.40
BE BE BF OS

255+00 260+00 265+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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RAMP B_CFP PROFILE SHEET

SHEET NO. 380

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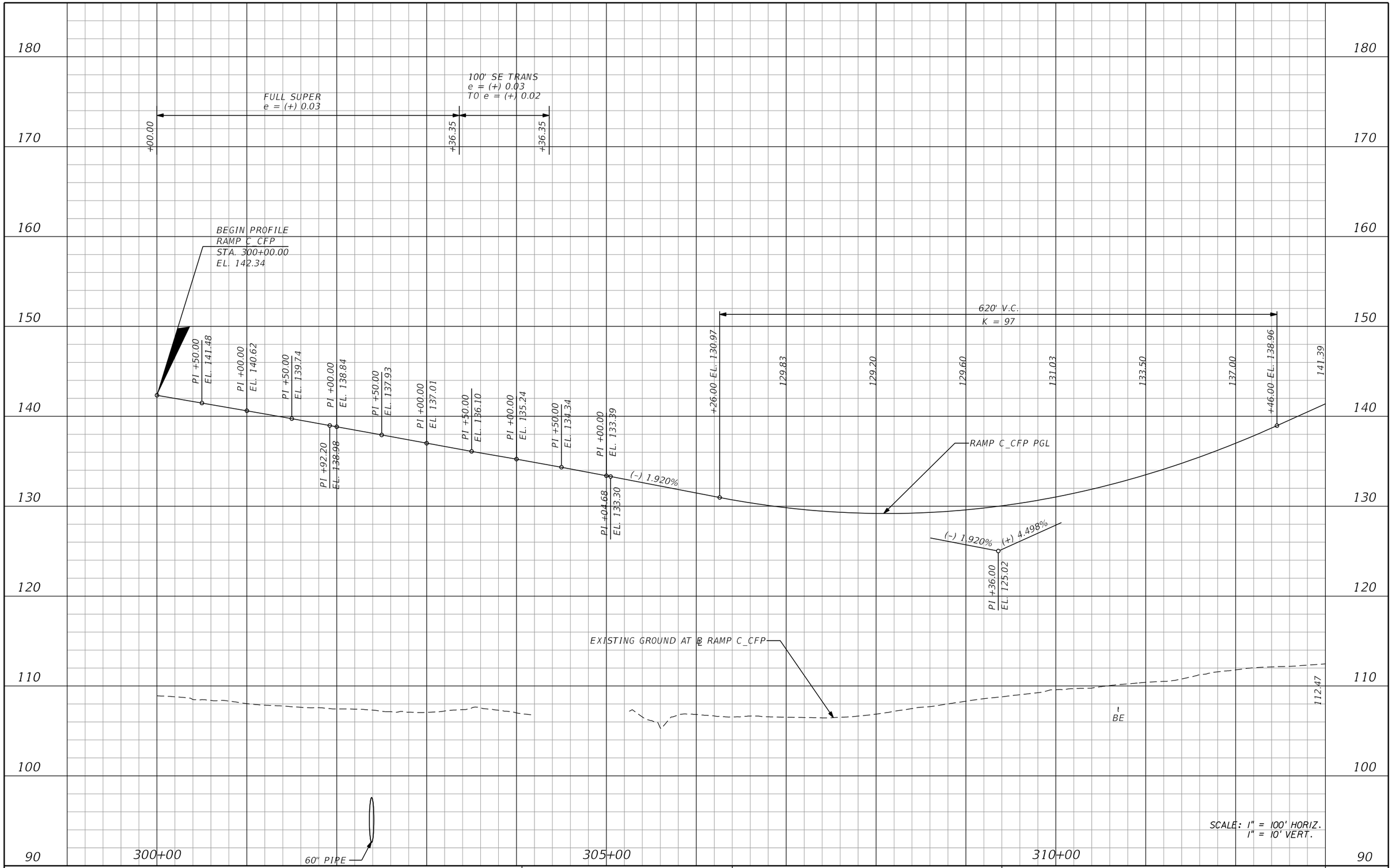

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

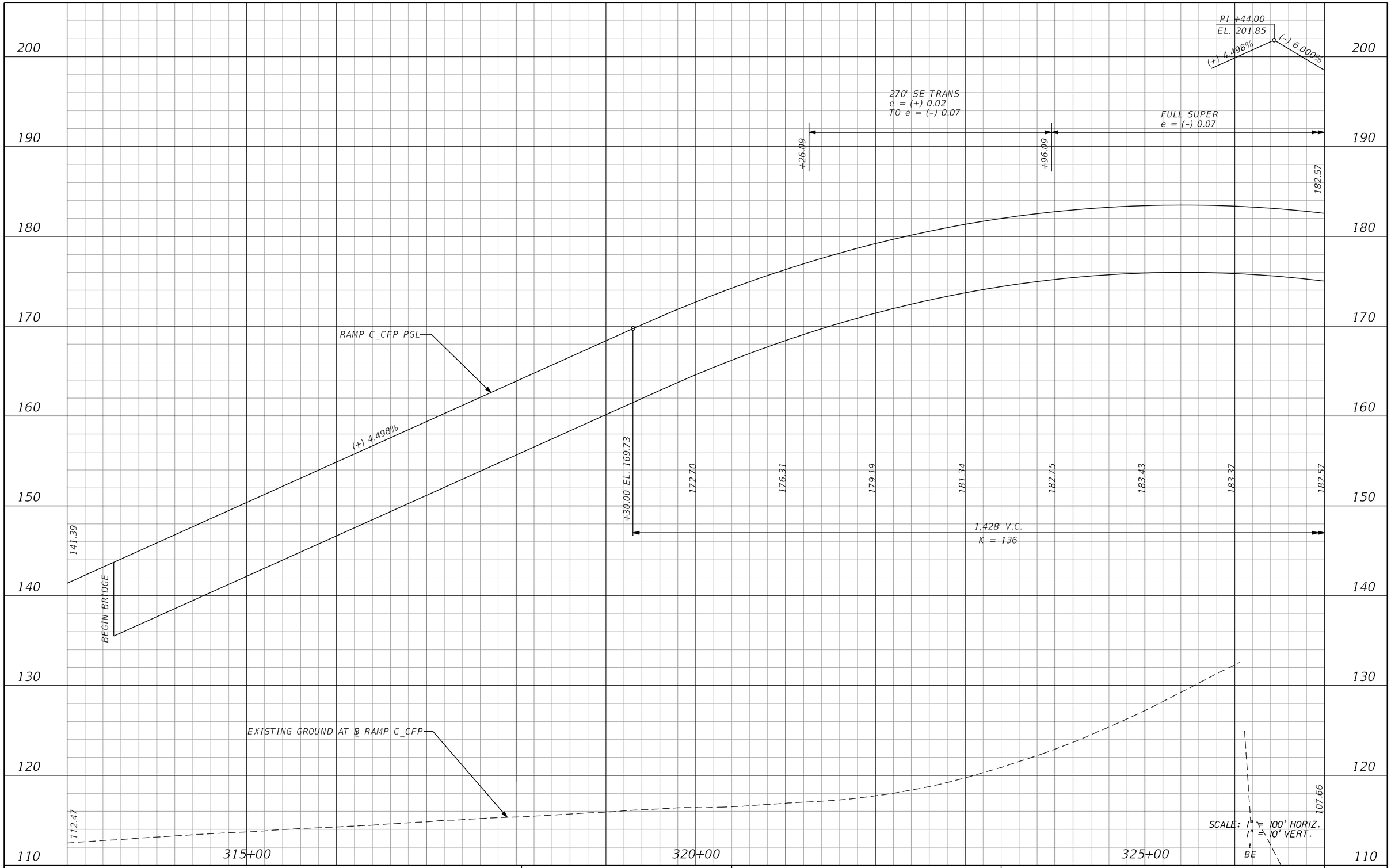
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C_CFP PROFILE SHEET

SHEET NO. 381

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/24/2021 9:19:44 PM c:\pwworking\aecom_na\glen.dvorovy\dms28323\PROFRD_C_CFP_01.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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150 North Orange Avenue, Suite 200
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C_CFP PROFILE SHEET

SHEET NO. 382

PRELIMINARY: NOT FOR CONSTRUCTION

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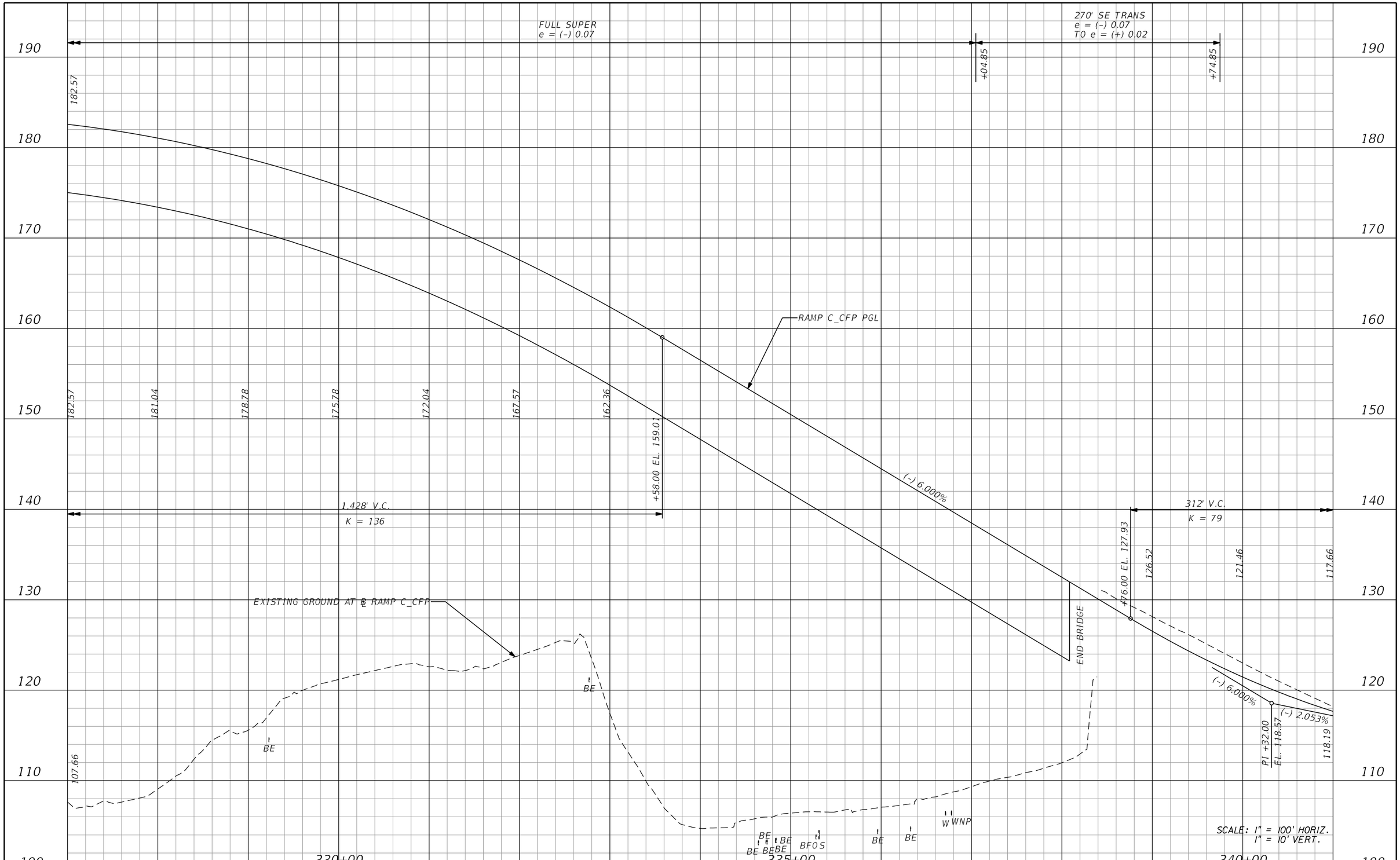

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C_CFP PROFILE SHEET

SHEET NO.
383

PRELIMINARY: NOT FOR CONSTRUCTION

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160
150
140
130
120
110
100
90
80
70

312' V.C.
K = 79

117.66

+88.00 EL. 115.36

118.19

PI +88.18
EL. 115.36

PI +00.00
EL. 115.20

PI +50.00
EL. 114.53

PI +00.00
EL. 113.85

PI +50.00
EL. 113.17

PI +00.00
EL. 112.48

RAMP C_CFP PGL

END PROFILE
RAMP C_CFP
STA. 344+45.43
EL. 111.86

EXISTING GROUND AT ℄ RAMP C_CFP

345+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

PRELIMINARY: NOT FOR CONSTRUCTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C_CFP
PROFILE SHEET

SHEET NO.
384

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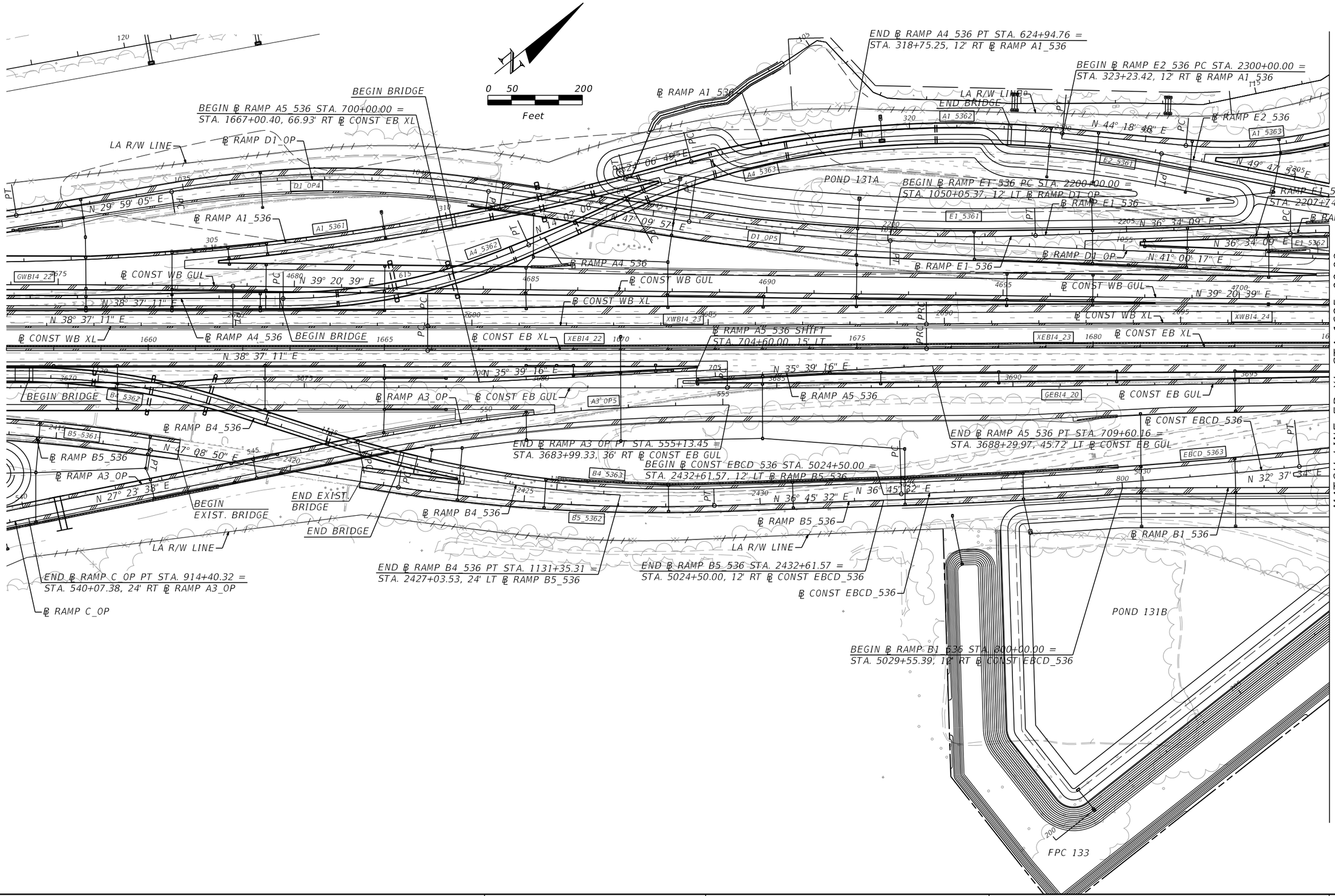

PRELIMINARY: NOT FOR CONSTRUCTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

INTERCHANGE LAYOUT
SR 536 (1)

SHEET NO. 385

glen.dvorovy 2/24/2021 9:20:01 PM c:\pwworking\aecom_na\glen.dvorovy\dms28322\INTDRD01_536.dgn

MATCH LINE A-A

MATCH LINE EB XL STA 1685+00.00

MATCH LINE EB XL STA 1713+00.00

POND 132

POND 134A

POND 133A

POND 135A

FPC 133

POND 131B

POND 134B

0 50 200

Feet

℄ RAMP A1_536

℄ RAMP A2_536

℄ RAMP A3_536

℄ RAMP B1_536

℄ RAMP B2_536

℄ RAMP C4_536

℄ RAMP D3_536

℄ RAMP E1_536

℄ RAMP E2_536

℄ RAMP D1_OP

℄ CONST WB GUL

℄ CONST WB XL

℄ CONST EB XL

℄ CONST EB GUL

℄ CONST EBCD_536

℄ SURV SR 536

BEGIN ℄ RAMP A3_536 PC STA. 500+00.00 =
STA. 126+00.45, 68' RT ℄ SURV SR 536

END ℄ RAMP E2_536 PT STA. 2312+78.64 =
STA. 2216+19.96, 24' LT ℄ RAMP E1_536

END ℄ RAMP D1_OP STA. 1069+63.12 =
STA. 4712+17.50, 48' LT ℄ CONST WB GUL

END ℄ RAMP A3_536 PT STA. 520+06.14 =
STA. 2220+92.99, 36' LT ℄ RAMP E1_536

BEGIN ℄ RAMP D3_536 PC STA. 1900+00.00 =
STA. 2231+19.20, 36' LT ℄ RAMP E1_536

END ℄ RAMP D3_536 PT STA. 1922+38.73 =
STA. 128+20.78, 68' LT ℄ SURV SR 536

BEGIN ℄ RAMP D4_536 PC STA. 2000+00.00 =
STA. 2235+44.00, 24' LT ℄ RAMP E1_536

BEGIN ℄ RAMP B2_536 PC STA. 900+00.00 =
STA. 415+80.56, 36' LT ℄ RAMP A2_536

BEGIN ℄ RAMP C4_536 PC STA. 1500+00.00 =
STA. 5058+50.88, 12' RT ℄ CONST EBCD_536

END ℄ RAMP C4_536 PT STA. 1515+75.64 =
STA. 138+65.42, 68' LT ℄ SURV SR 536

BEGIN BRIDGE

END BRIDGE

LA R/W LINE

N 49° 47' 55" E

N 41° 00' 17" E

N 45° 18' 25" E

N 38° 44' 47" E

N 38° 48' 25" E

N 38° 30' 10" E

N 32° 37' 34" E

S 66° 19' 40" E

N 00° 48' 52" W

N 26° 34' 29" W

MATCH LINE B-B

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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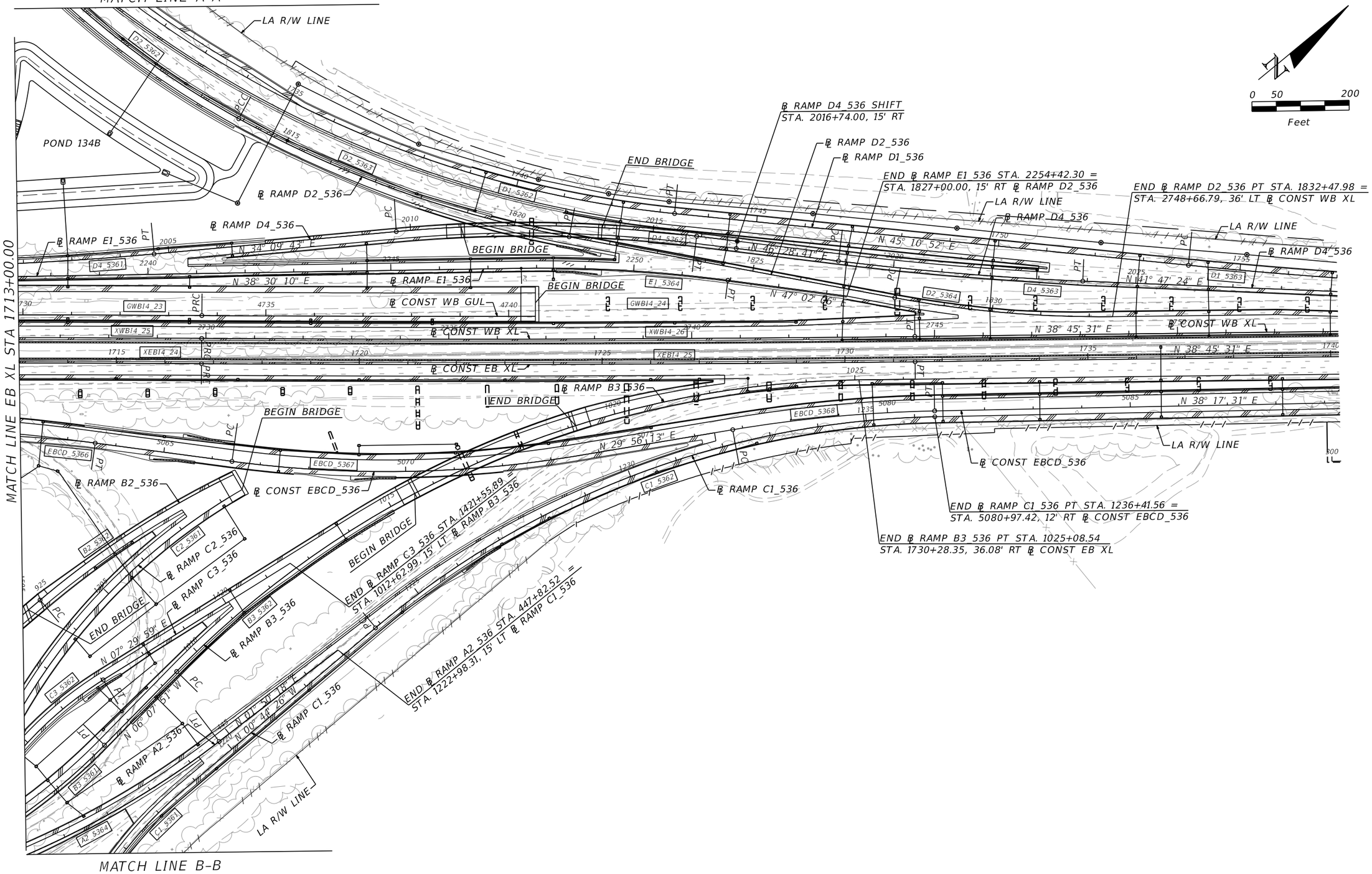
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

INTERCHANGE LAYOUT
SR 536 (2)

SHEET NO. 386

glen.dvorovy 2/24/2021 9:20:09 PM c:\pwworking\aecom_na\glen.dvorovy\dms28322\INTDRD02_536.dgn



PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

INTERCHANGE LAYOUT
SR 536 (3)

SHEET NO. 387

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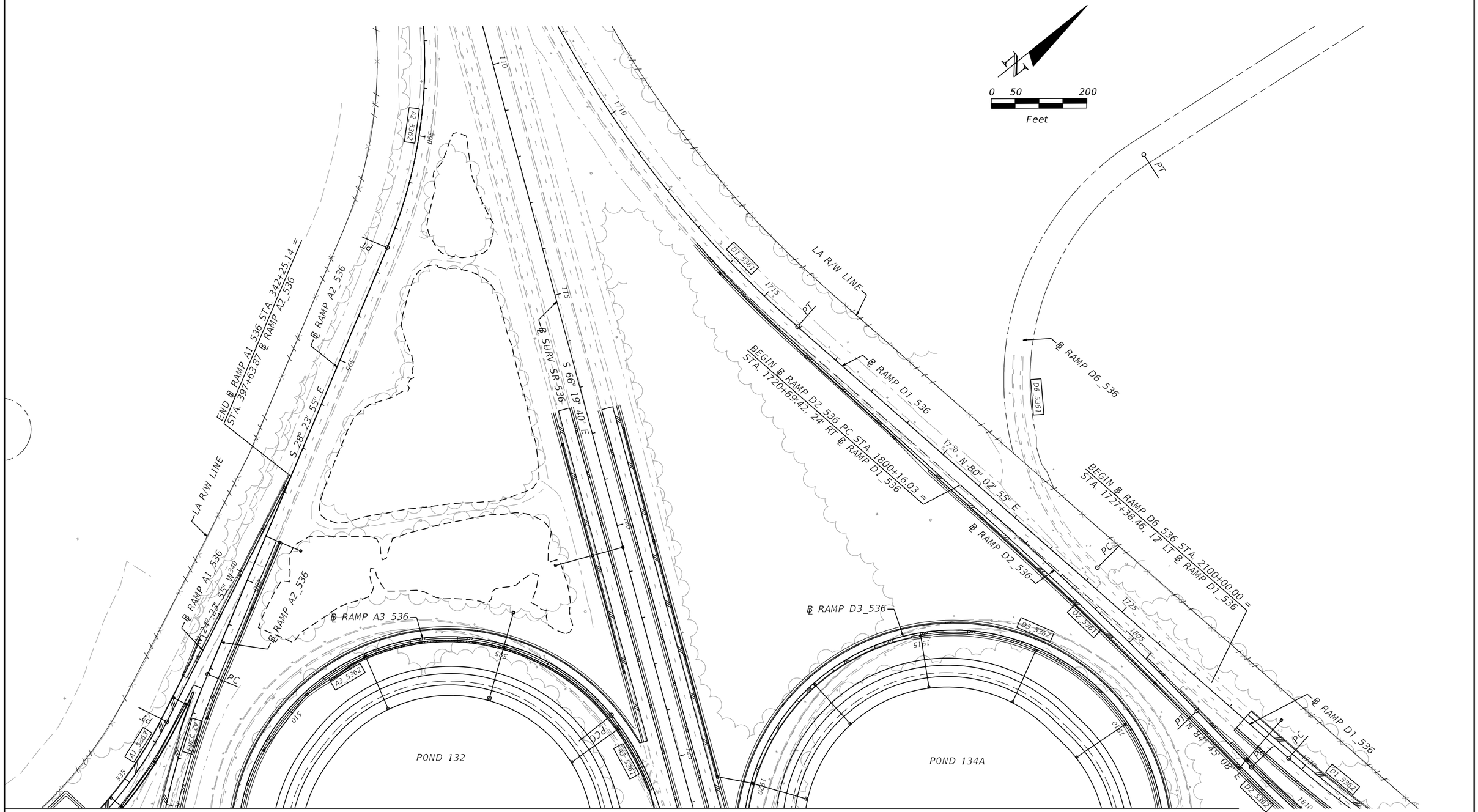

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

INTERCHANGE LAYOUT
SR 536 (4)

SHEET NO. 388

PRELIMINARY: NOT FOR CONSTRUCTION

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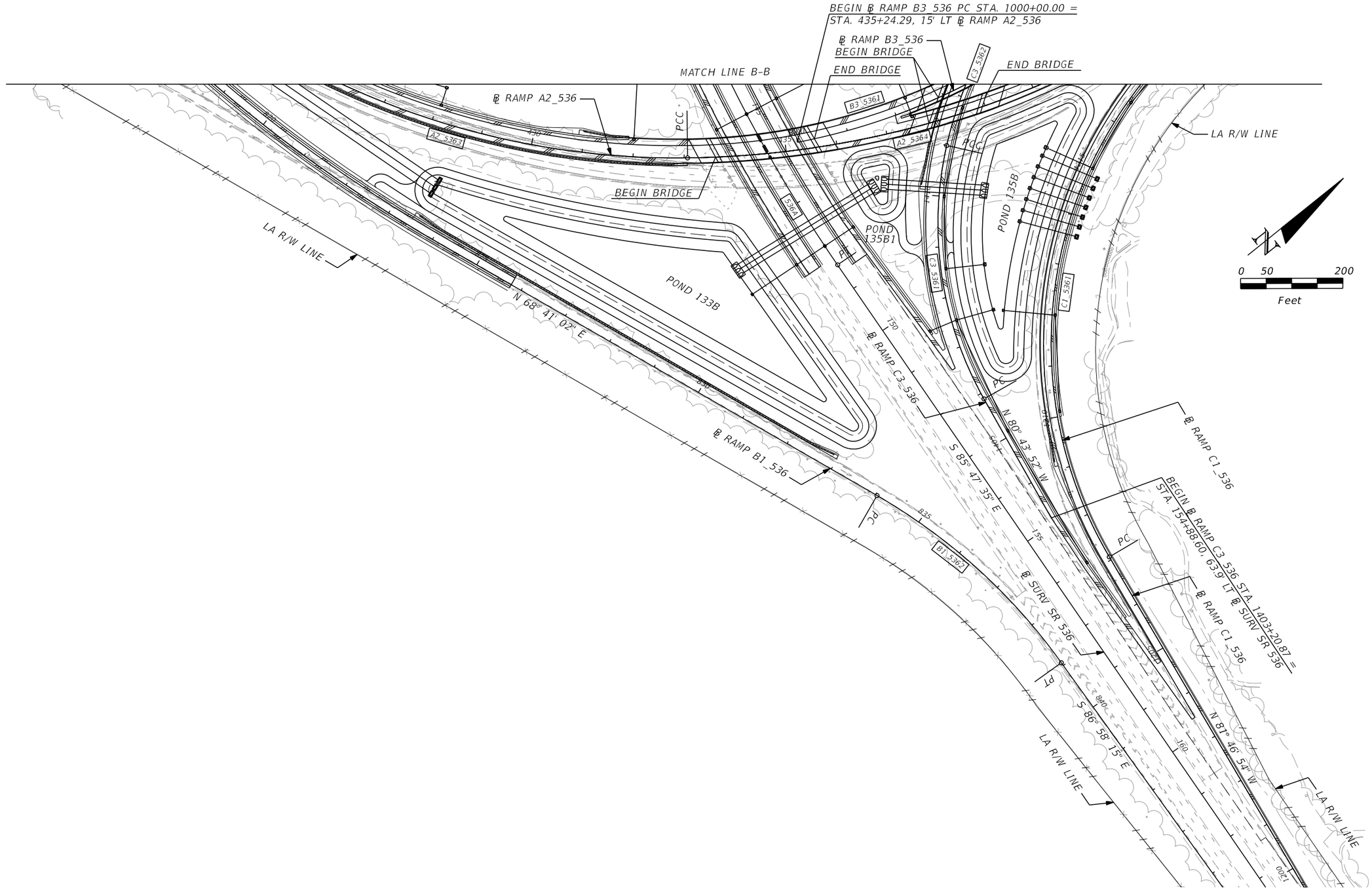

REVISIONS			
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Orlando, FL, 32801
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

INTERCHANGE LAYOUT
SR 536 (5)

SHEET NO. 389

PRELIMINARY: NOT FOR CONSTRUCTION

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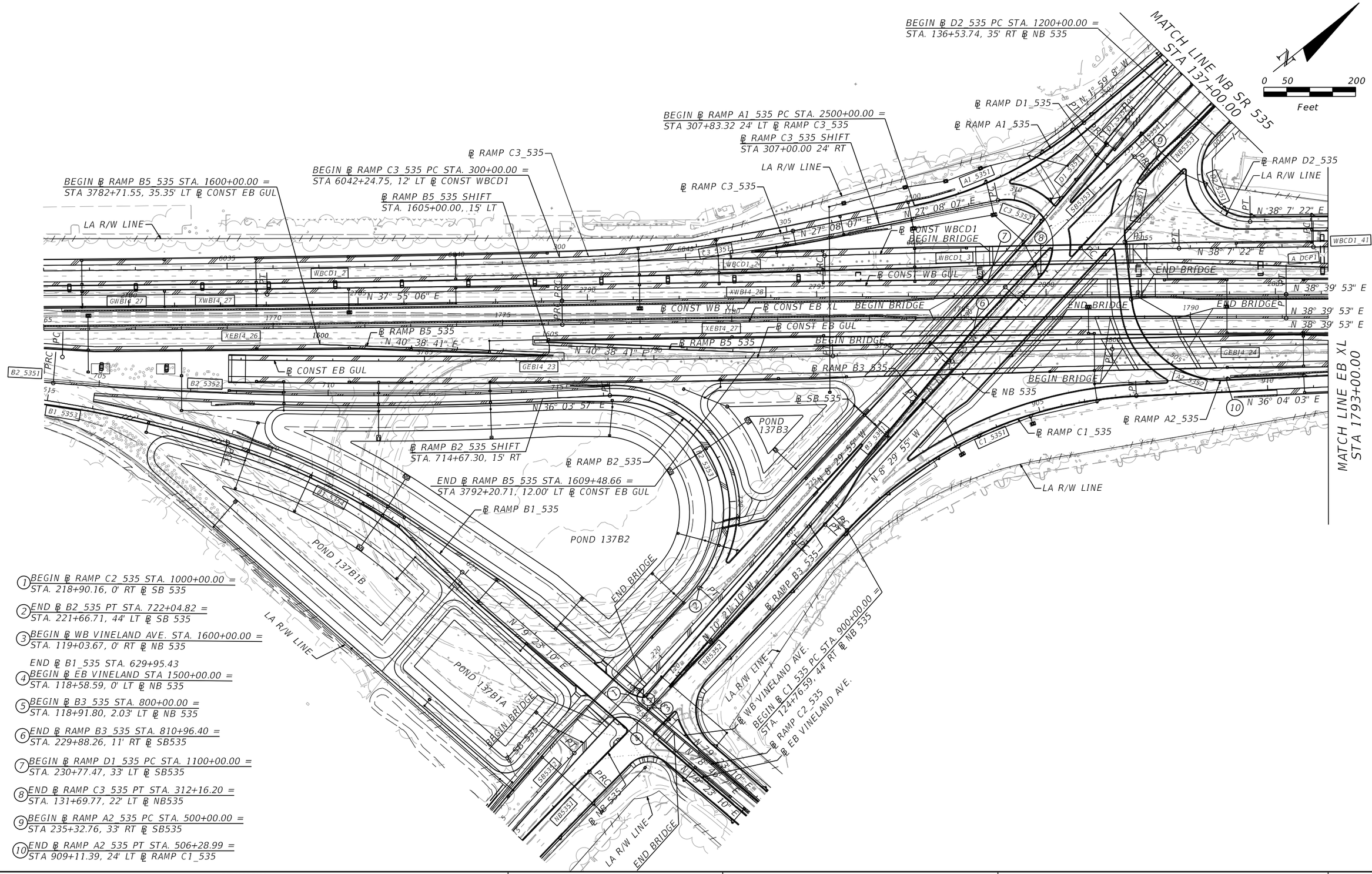

1. BEGIN ℄ RAMP C2_535 STA. 1000+00.00 = STA. 218+90.16, 0' RT ℄ SB 535
2. END ℄ B2_535 PT STA. 722+04.82 = STA. 221+66.71, 44' LT ℄ SB 535
3. BEGIN ℄ WB VINELAND AVE. STA. 1600+00.00 = STA. 119+03.67, 0' RT ℄ NB 535

END ℄ B1_535 STA. 629+95.43

4. BEGIN ℄ EB VINELAND STA 1500+00.00 = STA. 118+58.59, 0' LT ℄ NB 535
5. BEGIN ℄ B3_535 STA. 800+00.00 = STA. 118+91.80, 2.03' LT ℄ NB 535
6. END ℄ RAMP B3_535 STA. 810+96.40 = STA. 229+88.26, 11' RT ℄ SB535
7. BEGIN ℄ RAMP D1_535 PC STA. 1100+00.00 = STA. 230+77.47, 33' LT ℄ SB535
8. END ℄ RAMP C3_535 PT STA. 312+16.20 = STA. 131+69.77, 22' LT ℄ NB535
9. BEGIN ℄ RAMP A2_535 PC STA. 500+00.00 = STA 235+32.76, 33' RT ℄ SB535
10. END ℄ RAMP A2_535 PT STA. 506+28.99 = STA 909+11.39, 24' LT ℄ RAMP C1_535

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

INTERCHANGE LAYOUT
SR 535 (1)

SHEET NO. 390

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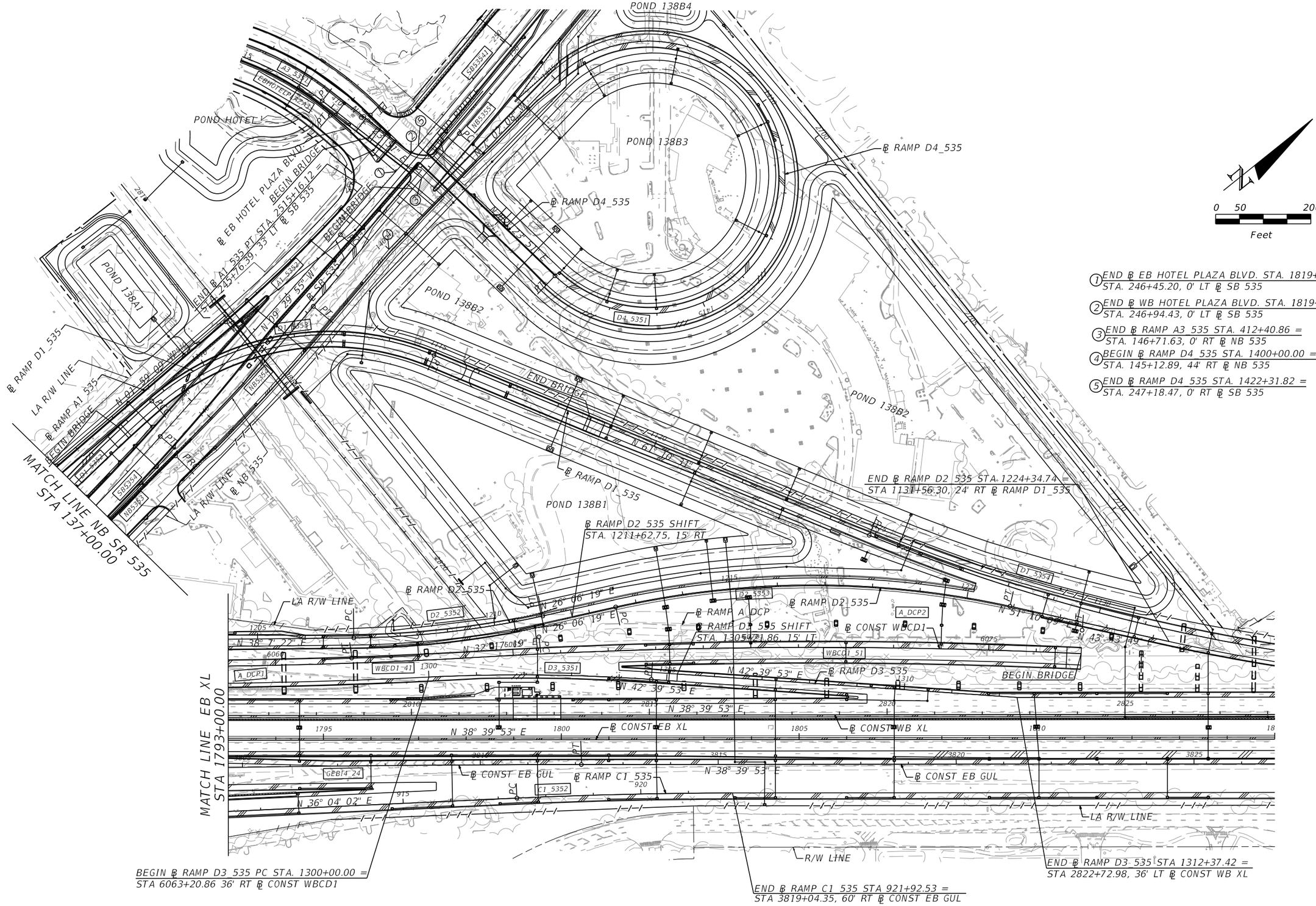

① END ℄ EB HOTEL PLAZA BLVD. STA. 1819+02.10 = STA. 246+45.20, 0' LT ℄ SB 535

② END ℄ WB HOTEL PLAZA BLVD. STA. 1819+01.98 = STA. 246+94.43, 0' LT ℄ SB 535

③ END ℄ RAMP A3_535 STA. 412+40.86 = STA. 146+71.63, 0' RT ℄ NB 535

④ BEGIN ℄ RAMP D4_535 STA. 1400+00.00 = STA. 145+12.89, 44' RT ℄ NB 535

⑤ END ℄ RAMP D4_535 STA. 1422+31.82 = STA. 247+18.47, 0' RT ℄ SB 535

PRELIMINARY: NOT FOR CONSTRUCTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

INTERCHANGE LAYOUT
SR 535 (2)

SHEET NO. 391

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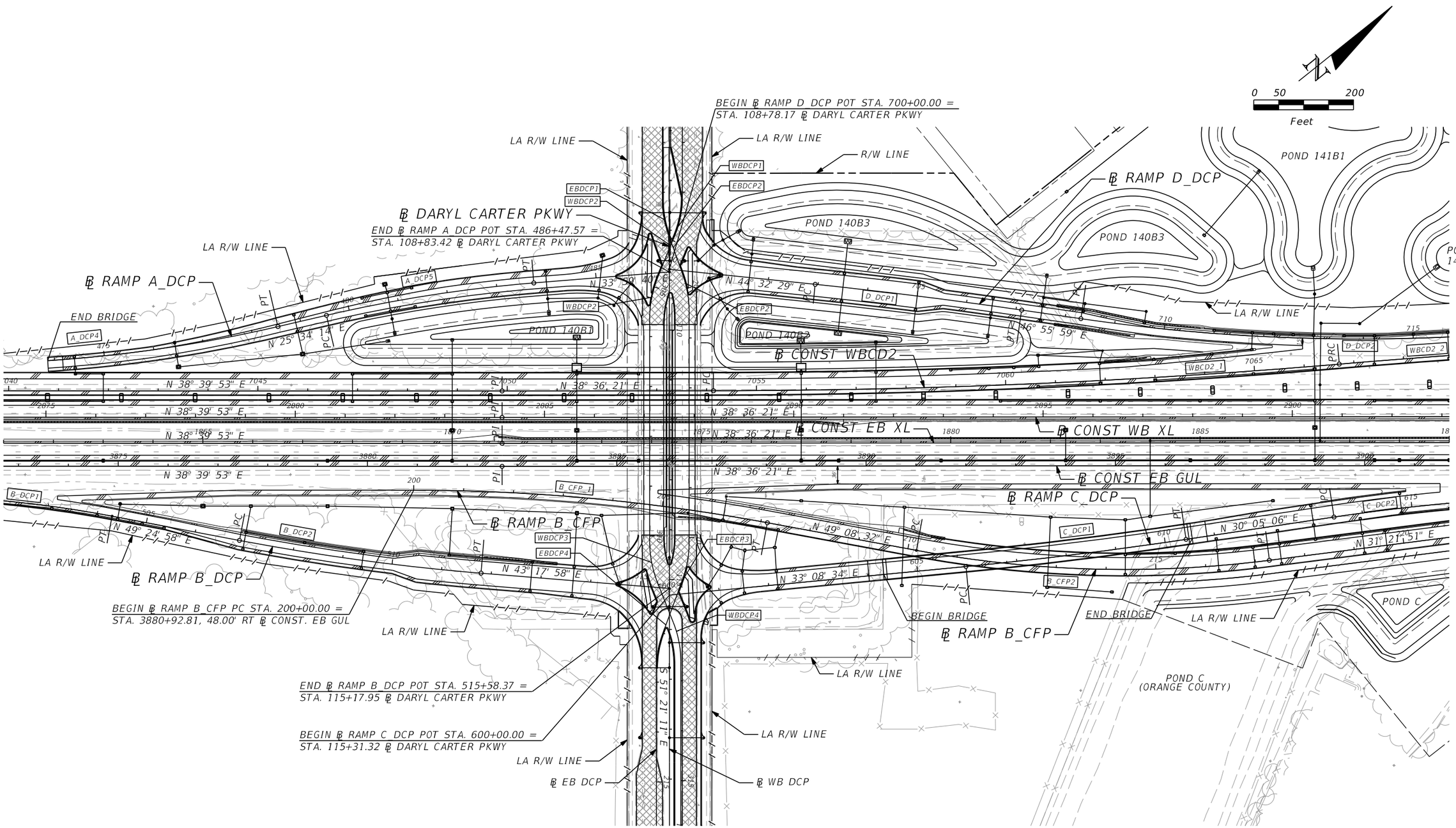

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

INTERCHANGE LAYOUT
DCP

SHEET NO. 392

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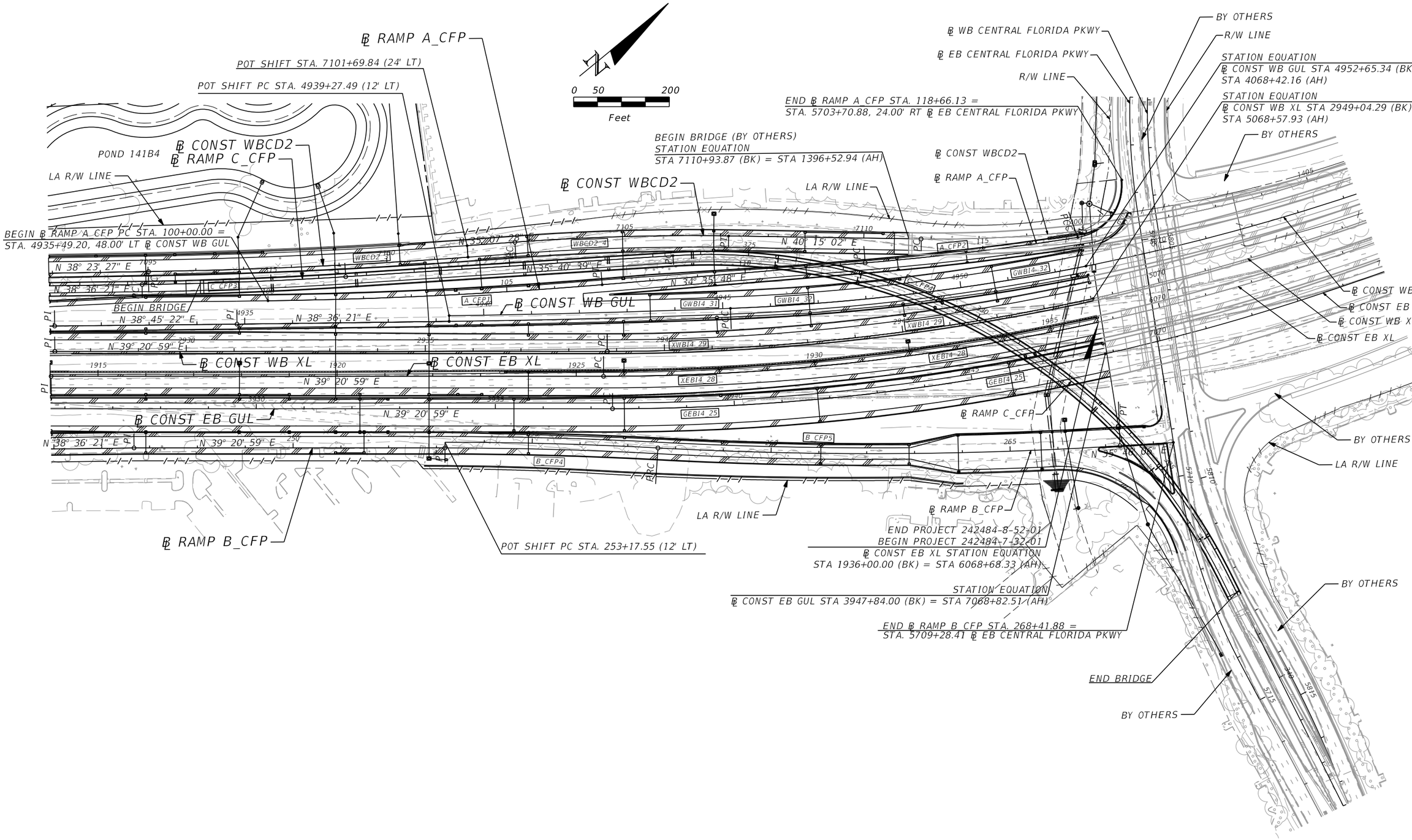

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

INTERCHANGE LAYOUT
CFP

SHEET NO. 393

PRELIMINARY: NOT FOR CONSTRUCTION

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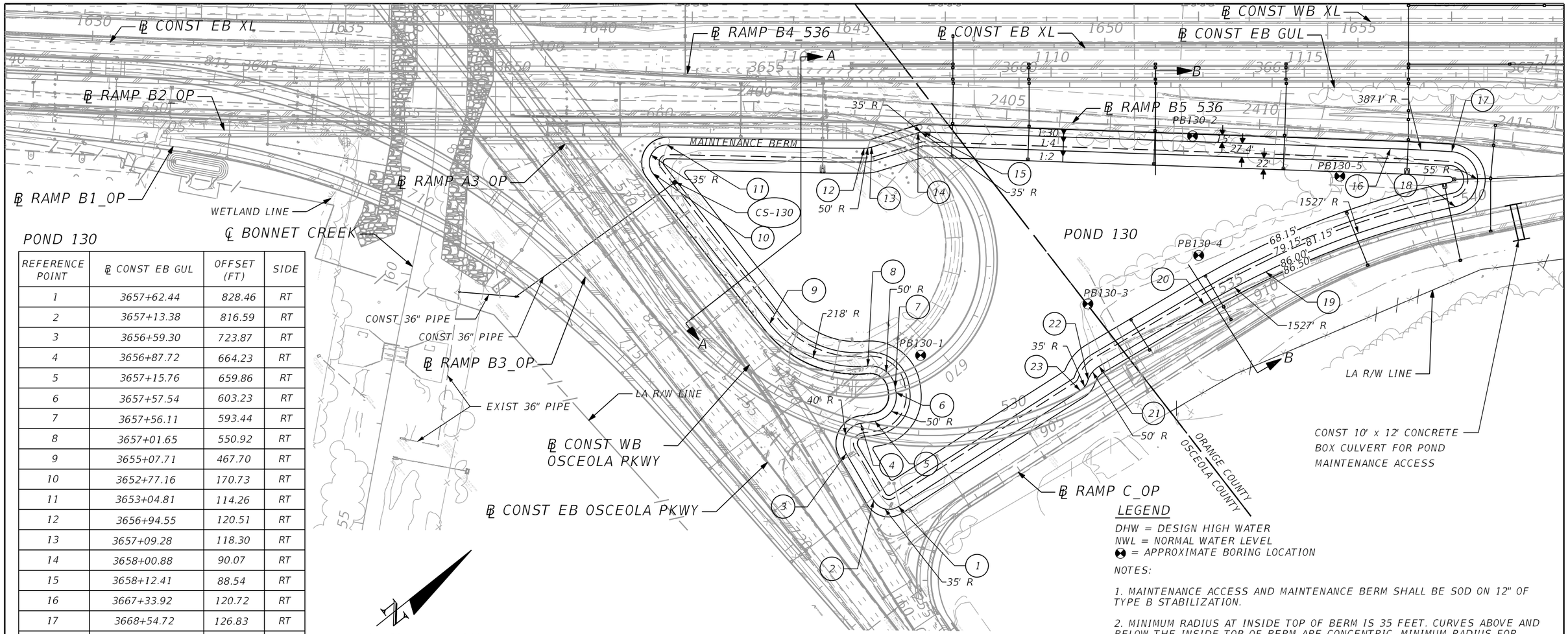


POND 130

REFERENCE POINT	℄ CONST EB GUL	OFFSET (FT)	SIDE
1	3657+62.44	828.46	RT
2	3657+13.38	816.59	RT
3	3656+59.30	723.87	RT
4	3656+87.72	664.23	RT
5	3657+15.76	659.86	RT
6	3657+57.54	603.23	RT
7	3657+56.11	593.44	RT
8	3657+01.65	550.92	RT
9	3655+07.71	467.70	RT
10	3652+77.16	170.73	RT
11	3653+04.81	114.26	RT
12	3656+94.55	120.51	RT
13	3657+09.28	118.30	RT
14	3658+00.88	90.07	RT
15	3658+12.41	88.54	RT
16	3667+33.92	120.72	RT
17	3668+54.72	126.83	RT
18	3668+62.09	235.59	RT
19	3664+87.64	364.52	RT
20	3663+65.74	429.09	RT
21	3661+58.80	550.99	RT
22	3661+37.06	577.34	RT
23	3661+21.54	599.03	RT

LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
= APPROXIMATE BORING LOCATION

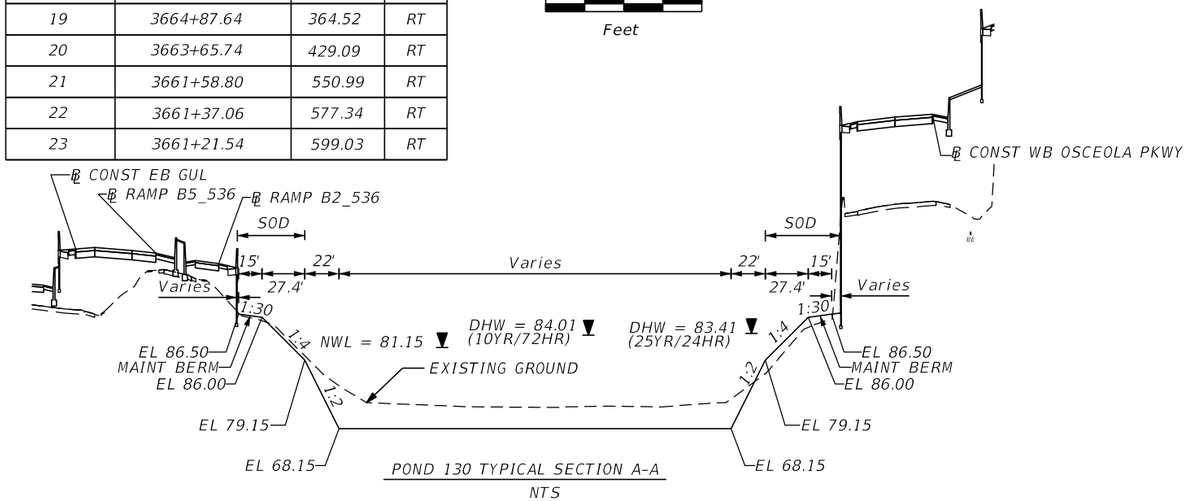
NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

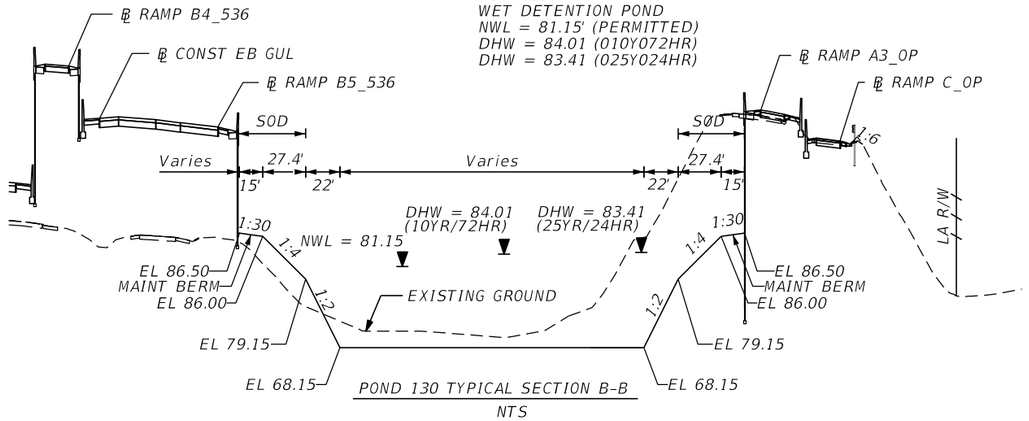
2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 35 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE AND SKIMMER INFORMATION.

POND 130
WET DETENTION POND
NWL = 81.15' (PERMITTED)
DHW = 84.01 (010Y072HR)
DHW = 83.41 (025Y024HR)



POND 130 TYPICAL SECTION A-A
NTS



POND 130 TYPICAL SECTION B-B
NTS

REVISIONS			
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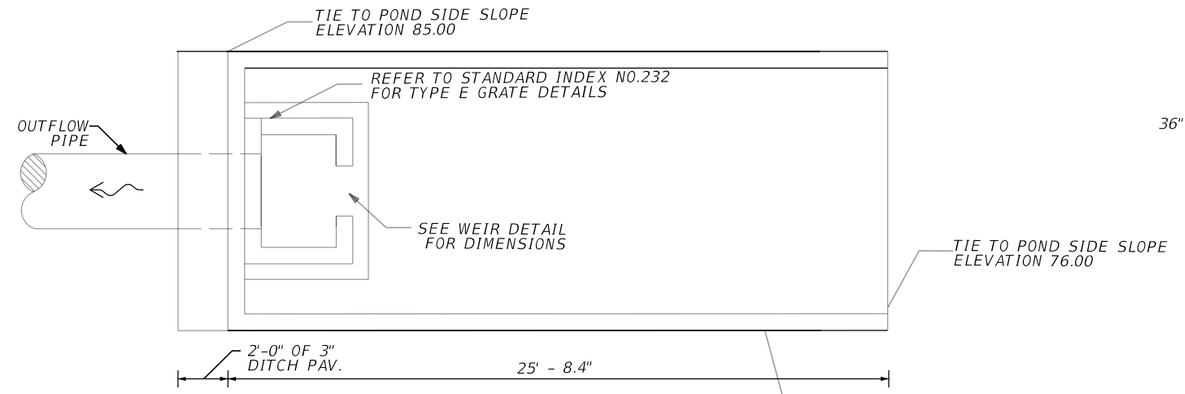
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

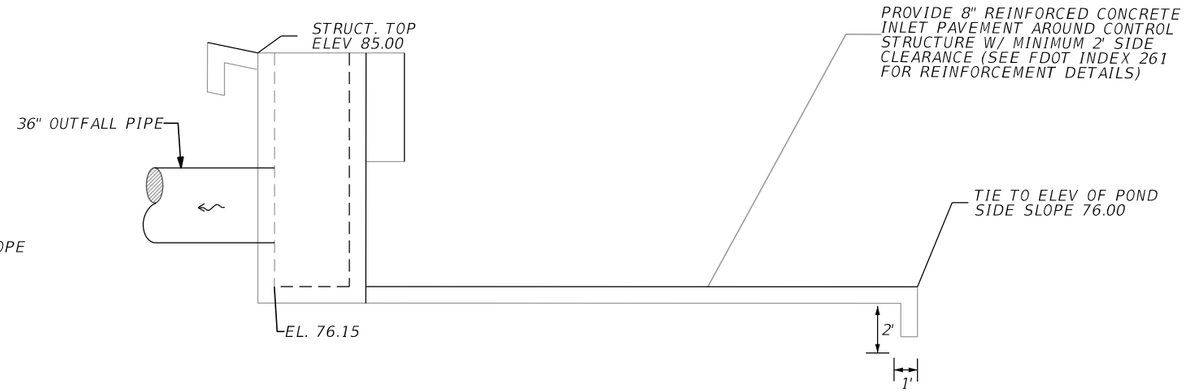
POND DETAIL
POND 130

SHEET NO. 394

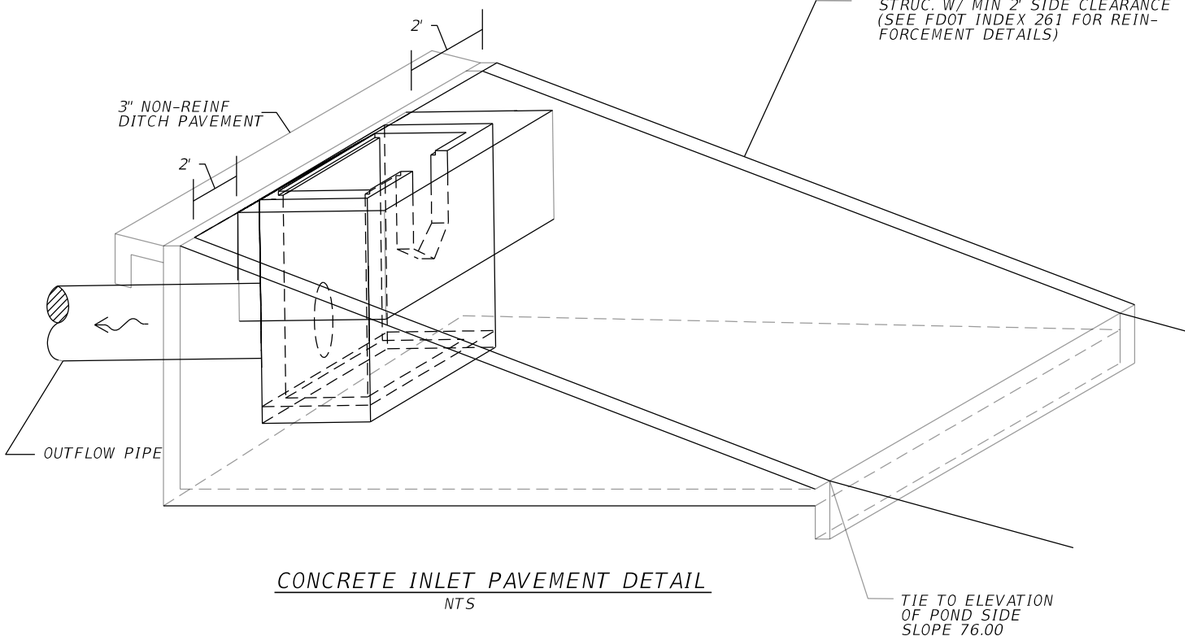
PRELIMINARY: NOT FOR CONSTRUCTION



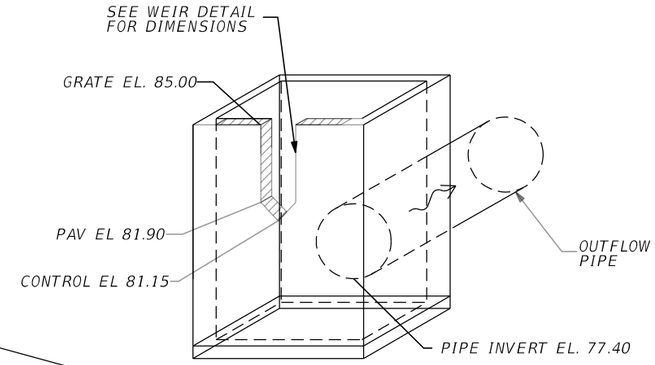
CONTROL STRUCTURE PLAN VIEW
NTS



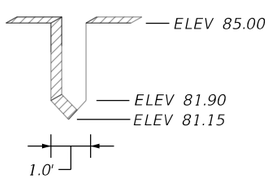
CONTROL STRUCTURE CROSS SECTION DETAIL
NTS



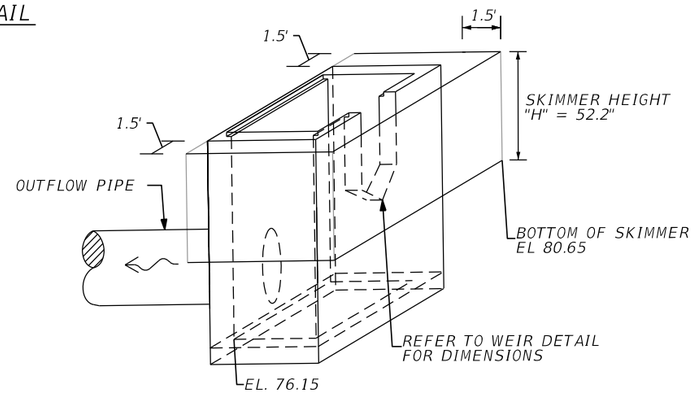
CONCRETE INLET PAVEMENT DETAIL
NTS



CONTROL STRUCTURE DETAIL
NTS
(SKIMMER NOT SHOWN)



WEIR DETAIL
NTS



SKIMMER DETAIL
NTS

CONTROL STRUCTURE CS-130
CONST MODIFIED TYPE E DBI
℄ RAMP A3_0P, 520+35.68, 133.14 LT

SEE STRUCTURE, WEIR, SKIMMER,
DITCH PAVEMENT DETAILS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

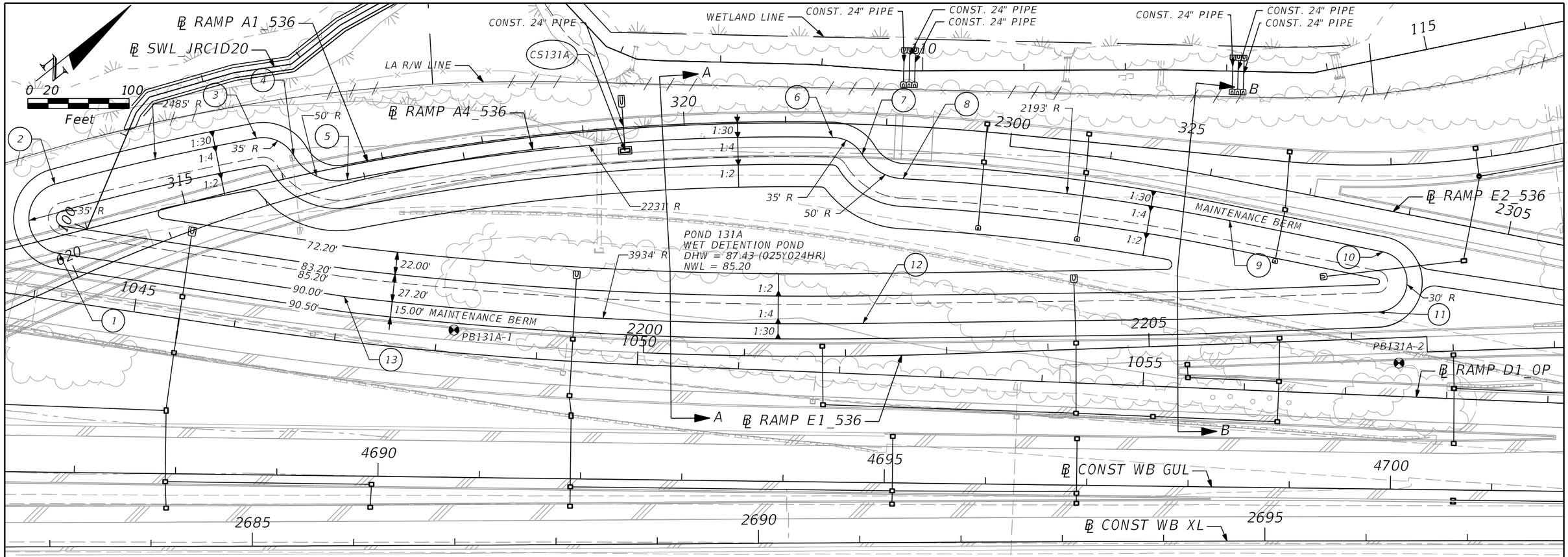
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL
POND 130

SHEET NO.
395

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/26/2021 7:11:09 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD01_POND130_B.DGN



LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
⊗ = APPROXIMATE BORING LOCATION

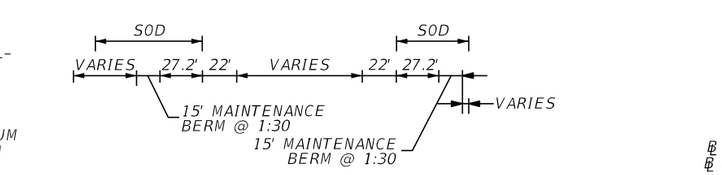
NOTES:

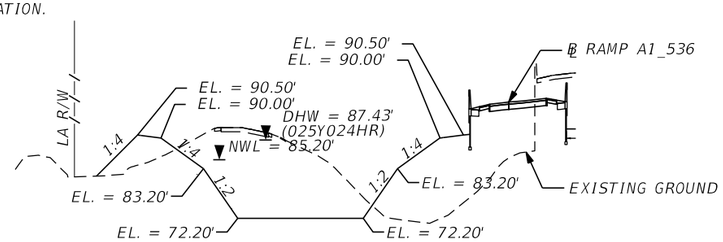
1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 30 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

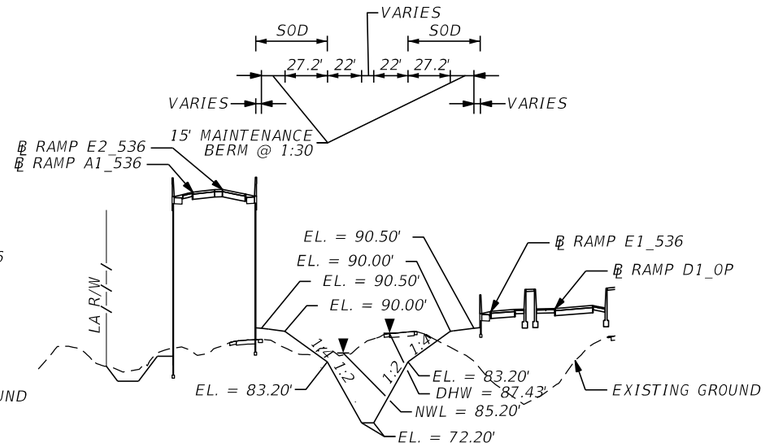
3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE INFORMATION.

POND 131A
WET DETENTION POND
NWL = 85.20' (PERMITTED)
DHW = 87.43' (025Y024HR)





POND 131A TYPICAL SECTION A-A
NTS



POND 131A TYPICAL SECTION B-B
NTS

REFERENCE POINT	℄ RAMP D1_OP	OFFSET (FT)	SIDE
1	1044+18.17	46.00	LT
2	1044+04.09	113.04	LT
3	1045+94.99	187.41	LT
4	1046+35.55	175.72	LT
5	1046+93.66	158.53	LT
6	1051+83.51	232.08	LT
7	1052+13.40	216.44	LT
8	1052+54.50	194.10	LT
9	1055+78.75	166.33	LT
10	1057+31.30	141.76	LT
11	1057+28.62	82.27	LT
12	1052+20.85	49.91	LT
13	1047+04.46	44.00	LT

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

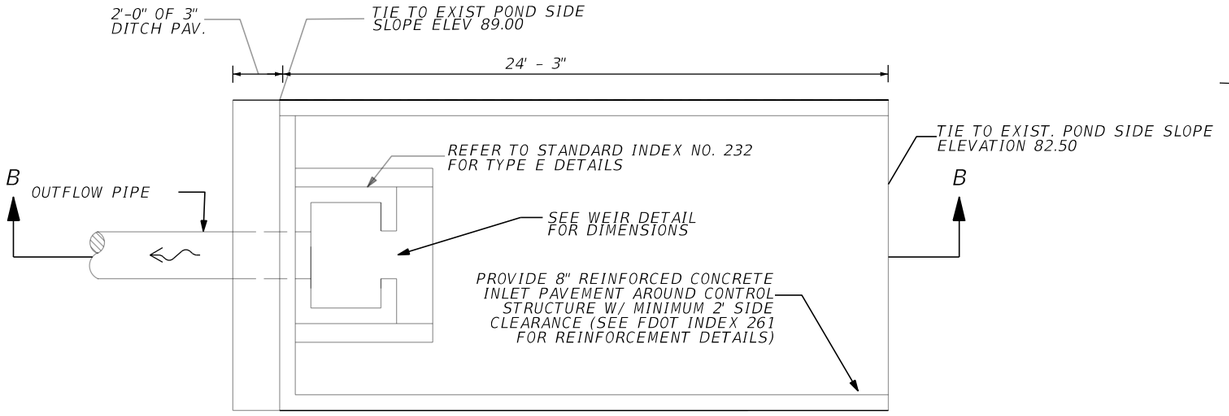
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

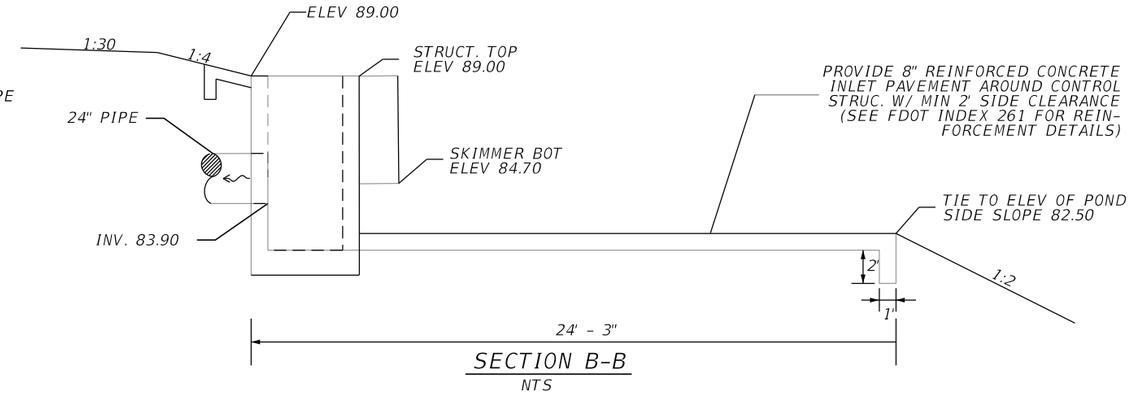
POND DETAIL
POND 131A

SHEET NO. 396

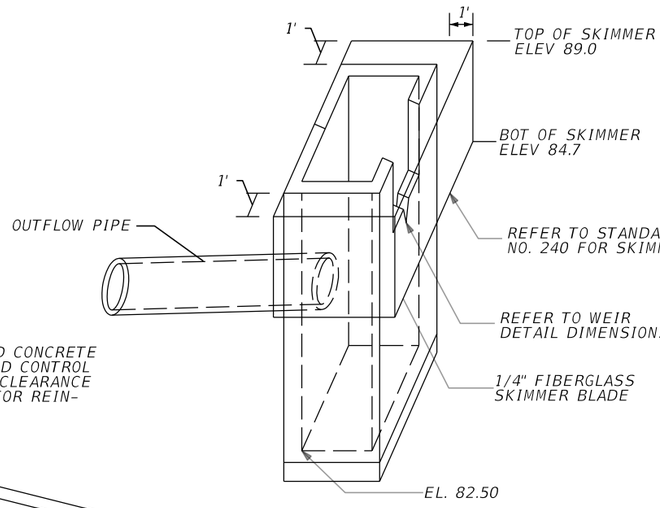
PRELIMINARY: NOT FOR CONSTRUCTION



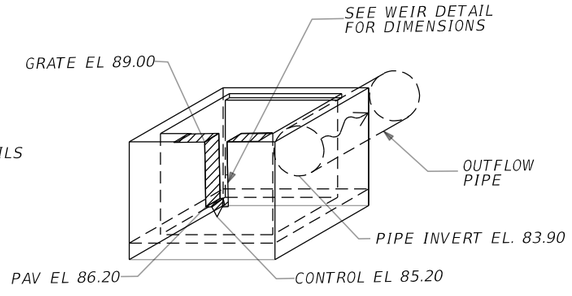
CONTROL STRUCTURE PLAN VIEW
NTS



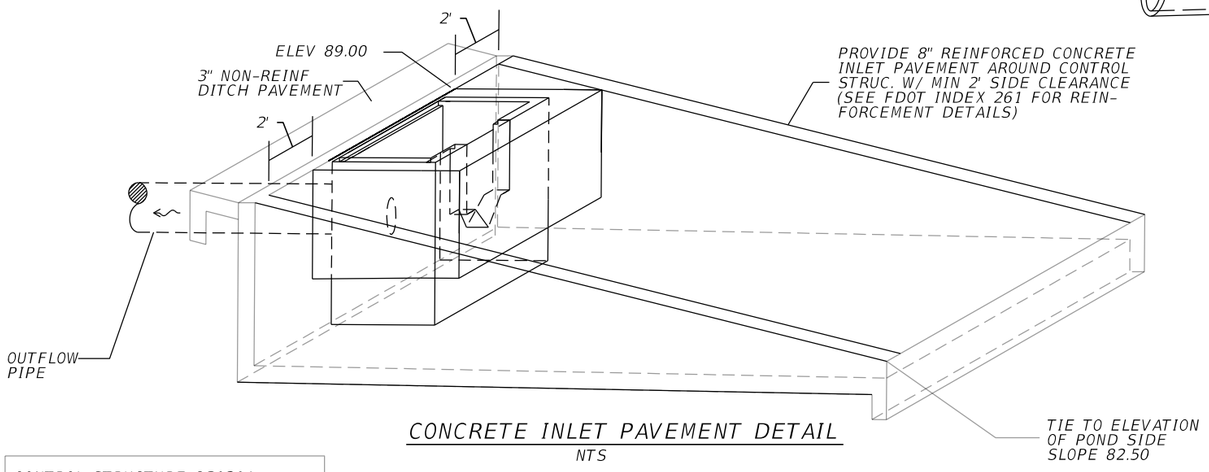
SECTION B-B
NTS



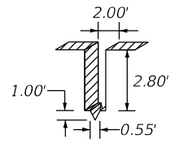
SKIMMER DETAIL
NTS



CONTROL STRUCTURE DETAIL
NTS
(SKIMMER NOT SHOWN)



CONCRETE INLET PAVEMENT DETAIL
NTS



WEIR DETAIL
NTS

CONTROL STRUCTURE CS131A
CONST. TYPE E DBI
@ A1_536 STA (319+40.00), 21.58' RT
SEE DETAIL
FDOT INDEX 232

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
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T 407.843.6552 F 407.839.1789
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

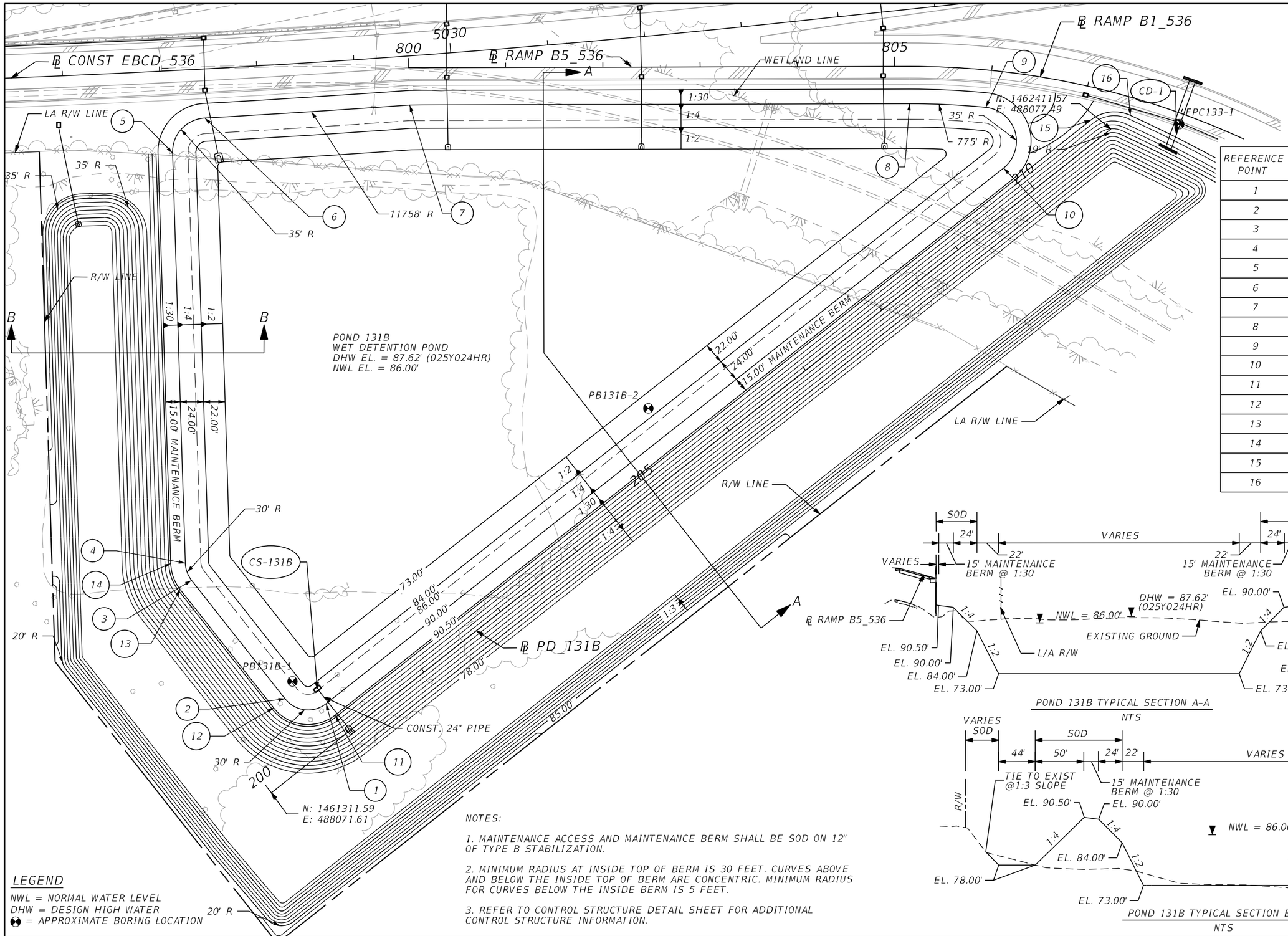
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL POND 131A

SHEET NO. 397

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/26/2021 7:11:20 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD01_POND131A_B.DGN



REFERENCE POINT	℄ CONST PD_131B	OFFSET (FT)	SIDE
1	201+00.85	37.00	LT
2	200+70.85	67.01	LT
3	200+70.91	222.21	LT
4	200+76.81	240.06	LT
5	203+27.72	578.75	LT
6	203+76.02	586.51	LT
7	205+49.65	466.35	LT
8	209+53.78	148.73	LT
9	210+12.94	97.19	LT
10	209+86.64	37.00	LT
11	201+00.85	22.00	LT
12	200+55.85	67.02	LT
13	200+55.91	222.22	LT
14	200+64.75	248.98	LT
15	210+89.76	20.00	LT
16	211+00.00	1.32	LT

POND 131B TYPICAL SECTION A–A

NTS

POND 131B TYPICAL SECTION B–B

NTS

LEGEND

NWL = NORMAL WATER LEVEL
DHW = DESIGN HIGH WATER
⊗ = APPROXIMATE BORING LOCATION

NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.
2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 30 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.
3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE INFORMATION.

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

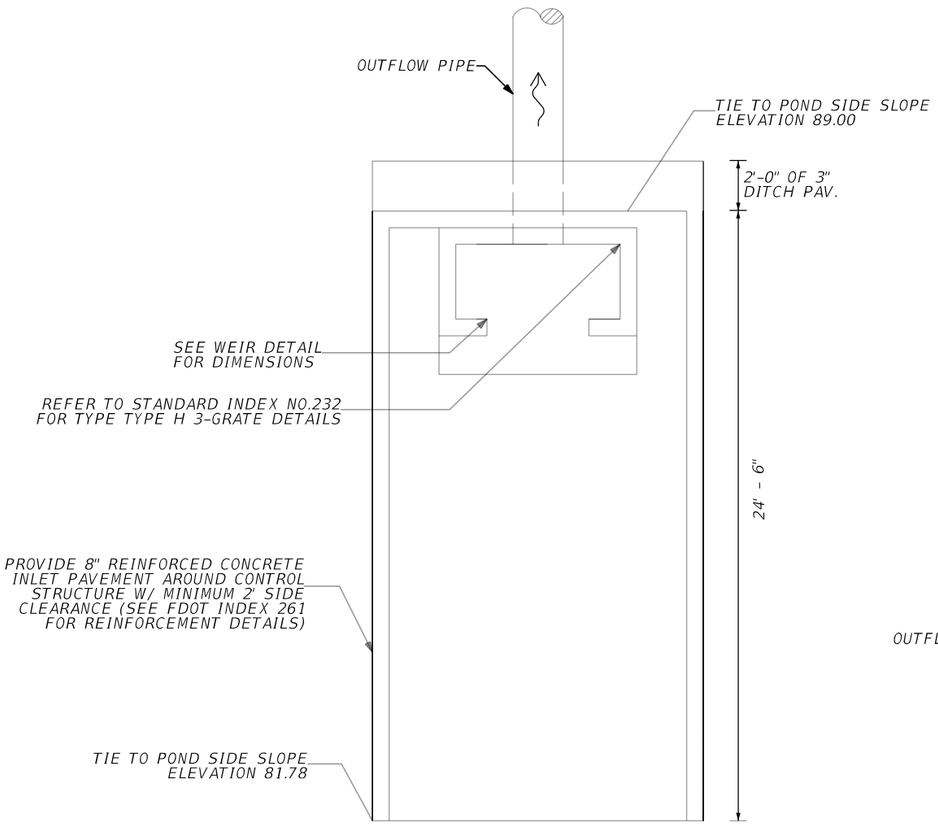
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND 131B

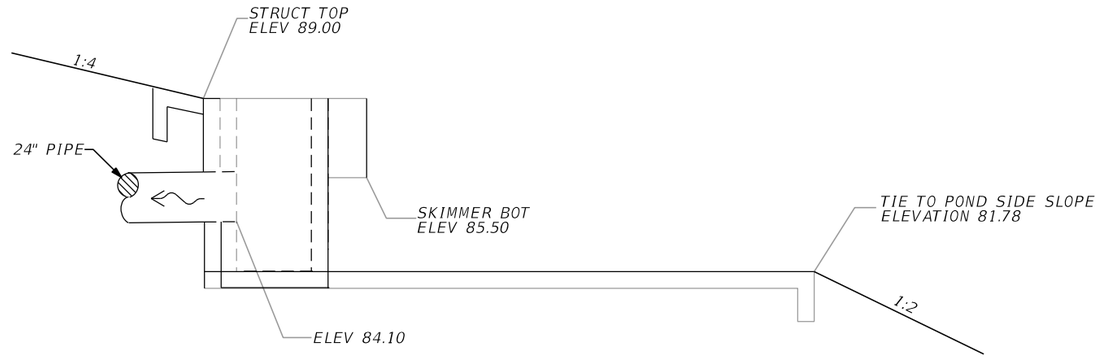
SHEET NO. 398

PRELIMINARY: NOT FOR CONSTRUCTION

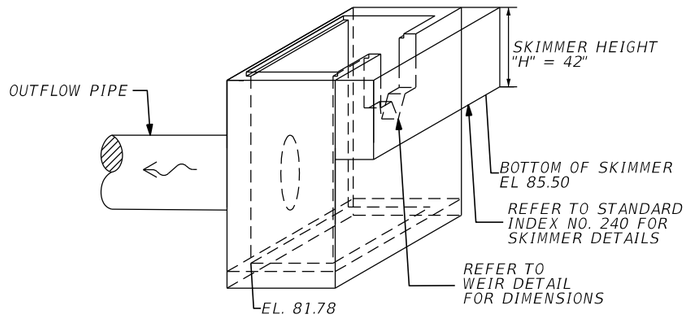
glen.dvorovy 2/26/2021 7:11:27 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD01_POND131B_A.DGN



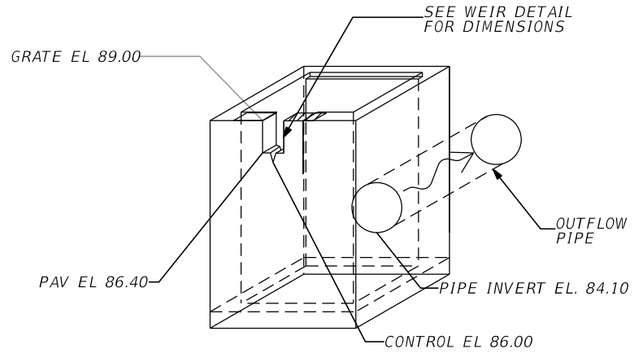
CONTROL STRUCTURE PLAN VIEW
NTS



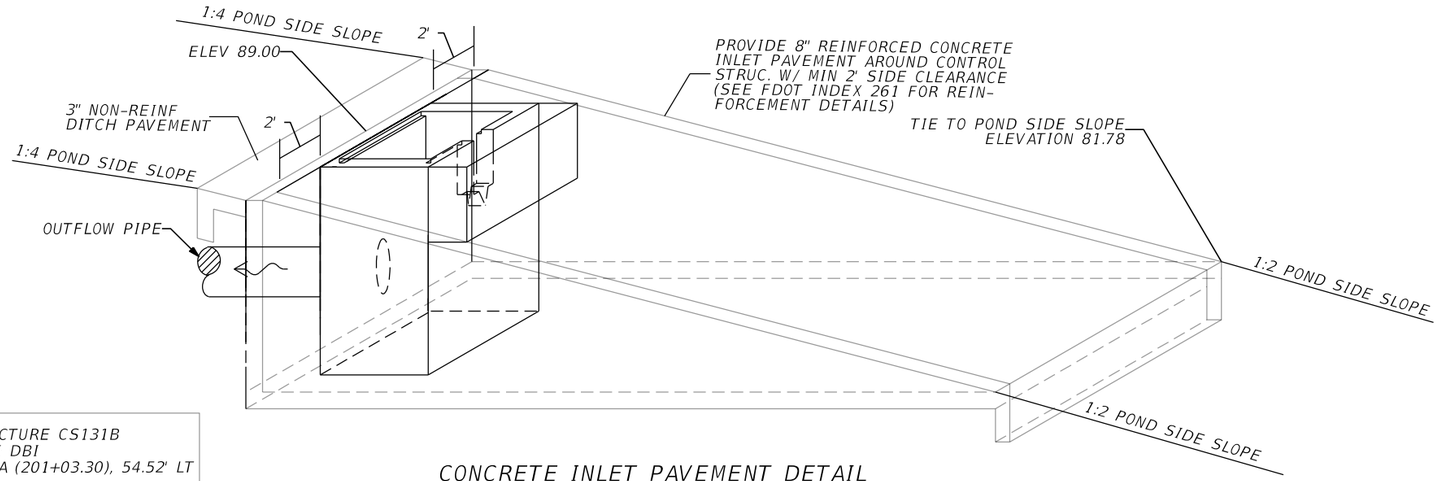
CONTROL STRUCTURE
CROSS SECTION DETAIL
NTS



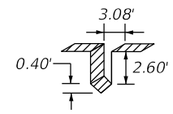
SKIMMER DETAIL
NTS



CONTROL STRUCTURE DETAIL
NTS



CONCRETE INLET PAVEMENT DETAIL
NTS



WEIR DETAIL
NTS

CONTROL STRUCTURE CS131B
CONST. TYPE E DBI
@ PD 131B STA (201+03.30), 54.52' LT
SEE DETAIL
FDOT INDEX 232

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL. 32801
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Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL
POND 131B

SHEET NO.
399

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/26/2021 7:11:33 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD01_POND131B_B.DGN

LA R/W LINE

℄ RAMP A1_536

WETLAND LINE

℄ RAMP A2_536

℄ RAMP A3_536

℄ RAMP D3_536

℄ RAMP E1_536

℄ SURV SR 536

505

510

515

520

335

405

500

125

1920

130

345' R

60' R

15.00'

23.60'

22.00'

1:30

1:4

1:2

A

PB132-1

PB132-2

PB132-3

PB132-4

PB132-5

PB132-6

CONST. 24" PIPE

CONST. 72" PIPE

CS132-1

CS132-2

CS132-3

CS132-4

EQ132-1

EQ132-2

EQ134A-1

1

2

3

4

5

6

POND 134A

POND 132
WET DETENTION POND
DHW EL = 92.63' (025Y024HR)
NWL EL = 90.60'

EQUALIZER PIPES

STRUCTURE	INVERT
EQ132-1	77.60
EQ132-2	77.60
EQ134A-1	77.60

REFERENCE POINT	℄ RAMP E1_536	OFFSET (FT)	SIDE
1	2225+34.34	206.17	LT
2	2224+76.09	130.82	LT
3	2220+83.36	131.00	LT
4	2217+59.09	679.06	LT
5	2217+75.89	699.50	LT
6	2224+34.00	585.12	LT

77.60'
88.60'
90.60'
94.50'
95.00'

MAINTENANCE BERM

2220

2225

0 20 100
Feet

LEGEND

NWL = NORMAL WATER LEVEL
DHW = DESIGN HIGH WATER
⊕ = APPROXIMATE BORING LOCATION

NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 60 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE INFORMATION.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND 132

SHEET NO.
400

glen.dvorovy 2/26/2021 7:11:39 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD01_POND132_A.DGN

REFERENCE POINT	℄ CONST EBCD_536	OFFSET (FT)	SIDE
1	5053+25.72	650.58	RT
2	5052+80.40	715.90	RT
3	5042+60.12	146.22	RT
4	5043+05.55	74.13	RT
5	5051+08.07	82.76	RT
6	5051+53.39	117.39	RT

℄ CONST EB GUL

℄ CONST EBCD 536

℄ SURV SR 536

℄ RAMP C4_536

℄ RAMP B2_536

℄ RAMP A2_536

WETLAND LINE

MAINTENANCE BERM

WETLANDS

CONST. 72" PIPE

CONST. 72" PIPE

CONST. 72" PIPE

CONST. 72" PIPE

CONST. 72" PIPE

EQ133A-1

EQ133A-2

EQ135A

POND 135A

POND 133A
WET DETENTION POND
DHW EL = 92.64' (025Y024HR)
NWL EL = 90.60'

PB133-1
PB133-2
PB133-3
PB133-4
PB133-5
PB133-6
PB133-7
PB133-8
PB133-9
PB133-10
PB133-11
PB133-12
PB133-13
PB133-14

EQUALIZER PIPES

STRUCTURE	INVERT
EQ133A-1	77.60
EQ133A-2	77.60
EQ135A	77.60

3705 5045 5050 5115 135 140 1515

420 905 815 910 915 425

1113' R 6376' R 50' R 50' R 50' R

15.00' 23.60' 22.00'

1:30 1:4 1:2

77.60' 88.60' 90.60' 94.50' 95.00'

0 20 100
Feet

LEGEND

NWL = NORMAL WATER LEVEL
DHW = DESIGN HIGH WATER
⊗ = APPROXIMATE BORING LOCATION

NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 50 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE INFORMATION.

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND 133A

SHEET NO. 401

PRELIMINARY: NOT FOR CONSTRUCTION

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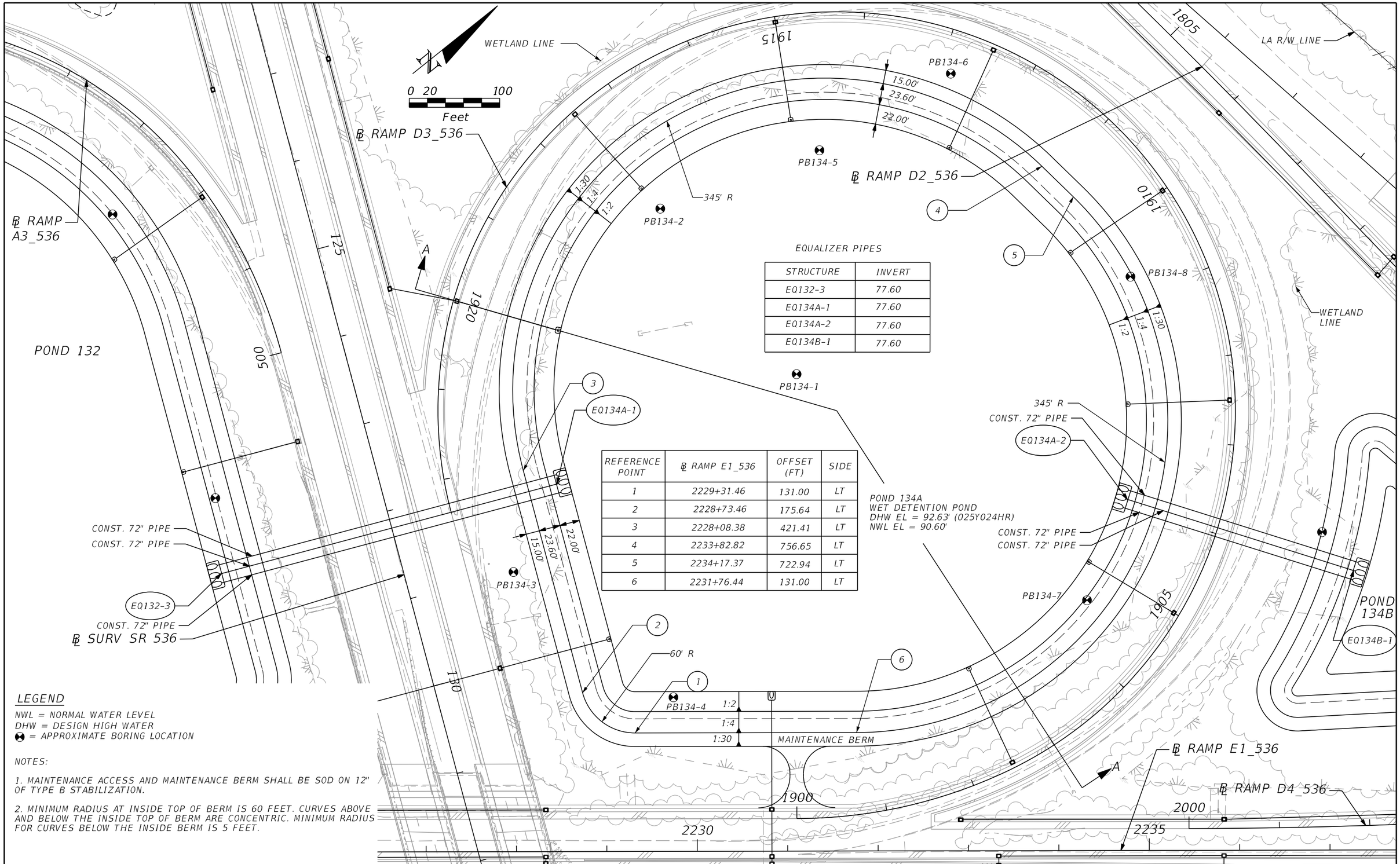

STRUCTURE	INVERT
EQ132-3	77.60
EQ134A-1	77.60
EQ134A-2	77.60
EQ134B-1	77.60

REFERENCE POINT	℄ RAMP E1_536	OFFSET (FT)	SIDE
1	2229+31.46	131.00	LT
2	2228+73.46	175.64	LT
3	2228+08.38	421.41	LT
4	2233+82.82	756.65	LT
5	2234+17.37	722.94	LT
6	2231+76.44	131.00	LT

LEGEND

NWL = NORMAL WATER LEVEL
DHW = DESIGN HIGH WATER
⊗ = APPROXIMATE BORING LOCATION

NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 60 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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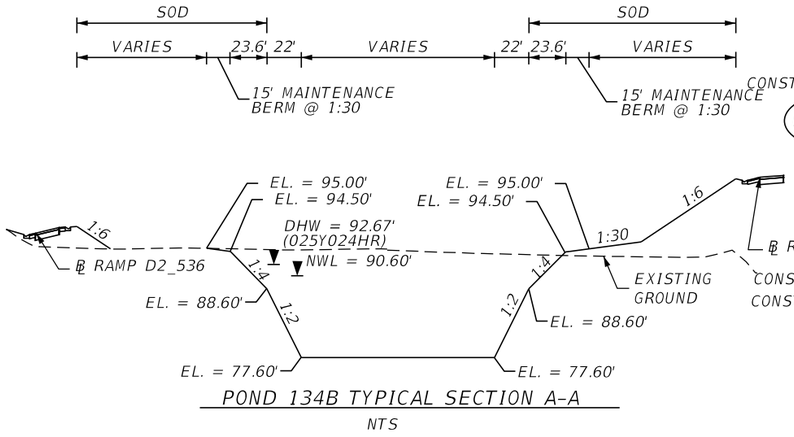
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND 134A

SHEET NO. 402

glen.dvorovy 2/26/2021 7:11:50 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD01_POND134A_A.DGN

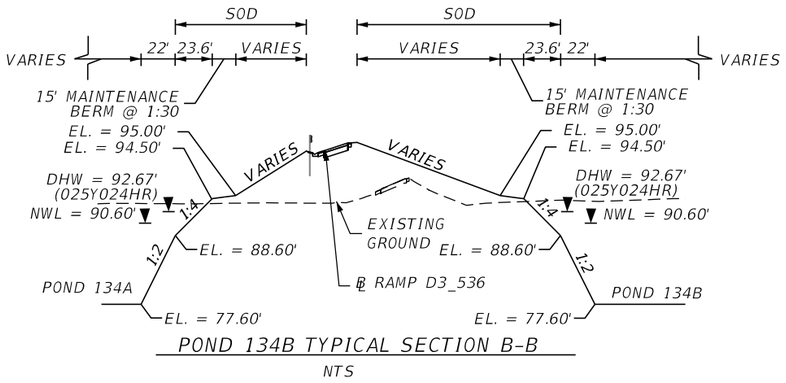


POND 134B TYPICAL SECTION A-A

NTS

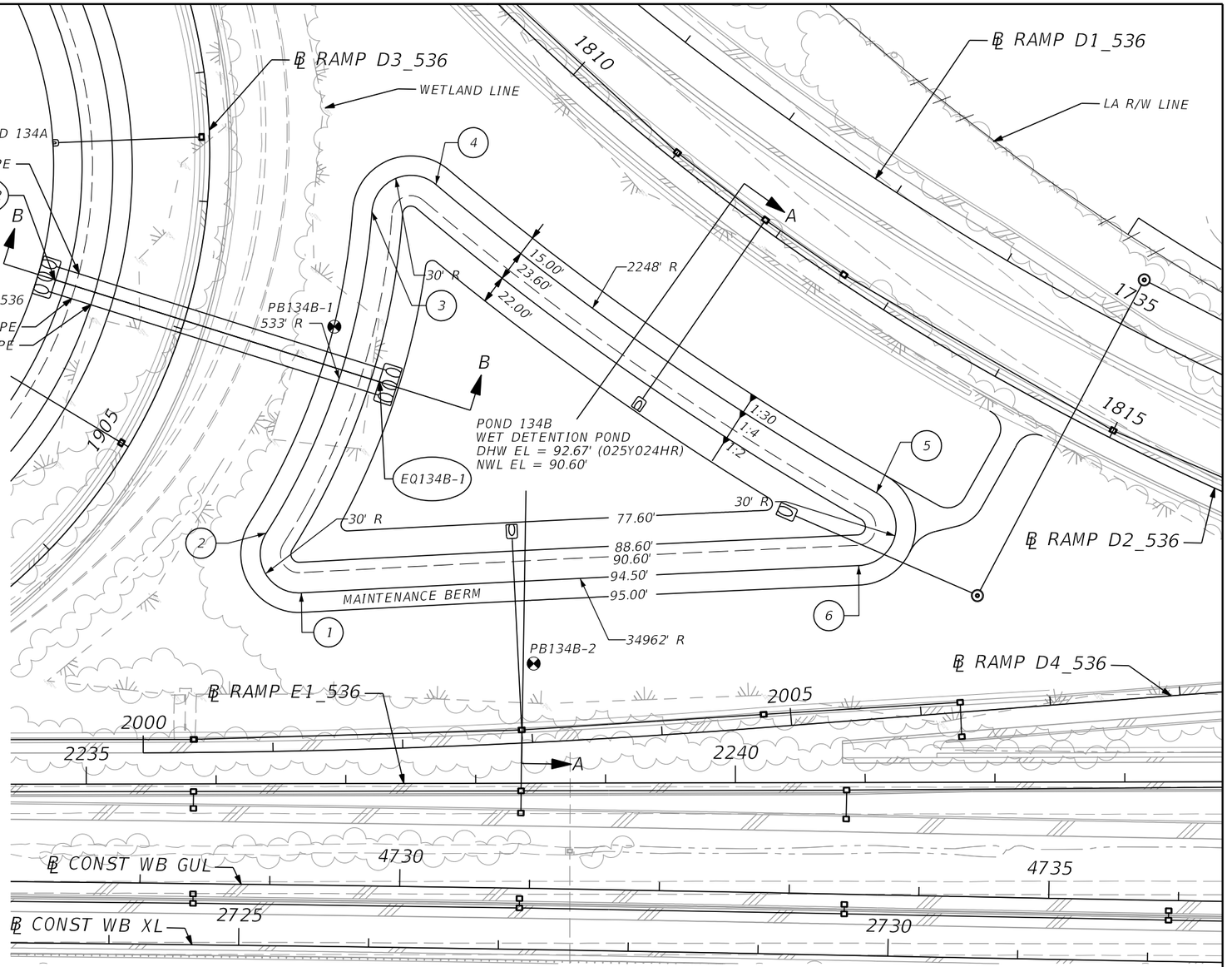
EQUILIZER PIPES

STRUCTURE	INVERT
EQ134A-2	77.60
EQ134B-1	77.60



POND 134B TYPICAL SECTION B-B

NTS



LEGEND

NWL = NORMAL WATER LEVEL
DHW = DESIGN HIGH WATER
⊠ = APPROXIMATE BORING LOCATION

NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

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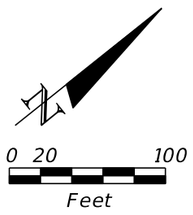

REFERENCE POINT	℄ RAMP E1_536	OFFSET (FT)	SIDE
1	2236+65.99	146.77	LT
2	2236+39.10	192.84	LT
3	2237+21.03	440.04	LT
4	2237+70.38	460.71	LT
5	2241+09.09	222.90	LT
6	2240+95.40	166.89	LT

REVISIONS			
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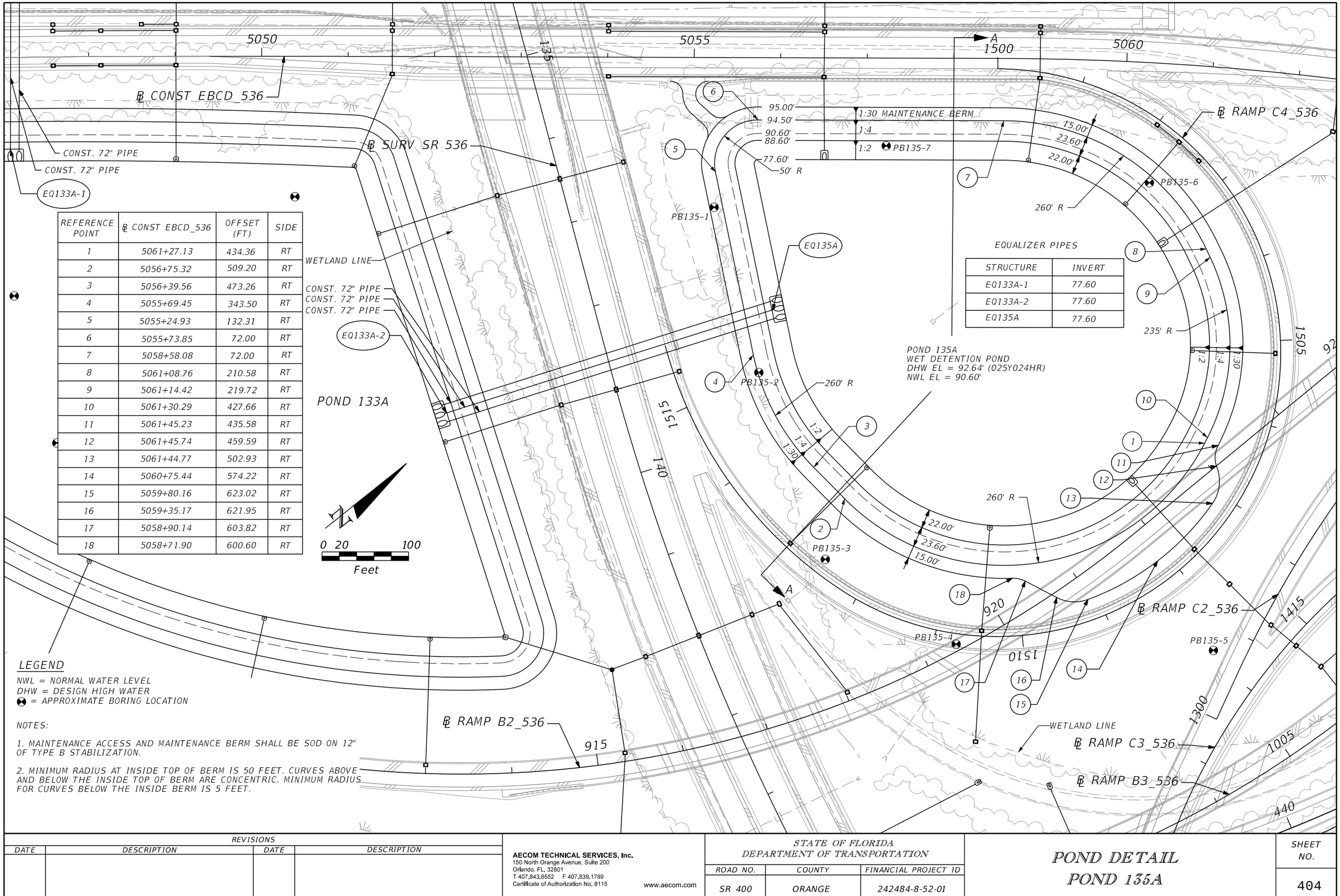
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND 134B

SHEET NO. 403

PRELIMINARY: NOT FOR CONSTRUCTION



REFERENCE POINT	℄ CONST EBCD_536	OFFSET (FT)	SIDE
1	5061+27.13	434.36	RT
2	5056+75.32	509.20	RT
3	5056+39.56	473.26	RT
4	5055+69.45	343.50	RT
5	5055+24.93	132.31	RT
6	5055+73.85	72.00	RT
7	5058+58.08	72.00	RT
8	5061+08.76	210.58	RT
9	5061+14.42	219.72	RT
10	5061+30.29	427.66	RT
11	5061+45.23	435.58	RT
12	5061+45.74	459.59	RT
13	5061+44.77	502.93	RT
14	5060+75.44	574.22	RT
15	5059+80.16	623.02	RT
16	5059+35.17	621.95	RT
17	5058+90.14	603.82	RT
18	5058+71.90	600.60	RT

EQUALIZER PIPES

STRUCTURE	INVERT
EQ133A-1	77.60
EQ133A-2	77.60
EQ135A	77.60

LEGEND

NWL = NORMAL WATER LEVEL
DHW = DESIGN HIGH WATER
☢ = APPROXIMATE BORING LOCATION

NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 50 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND 135A

SHEET NO. 404

PRELIMINARY: NOT FOR CONSTRUCTION

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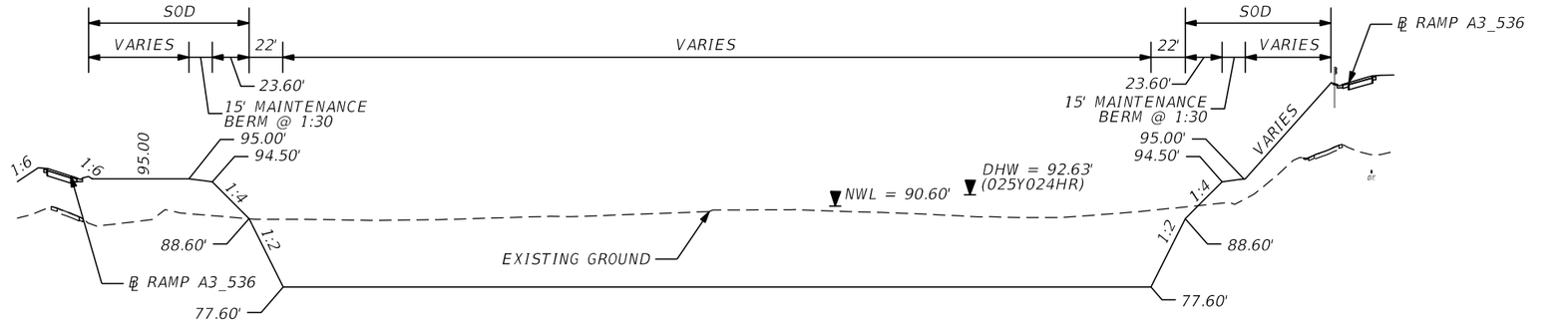
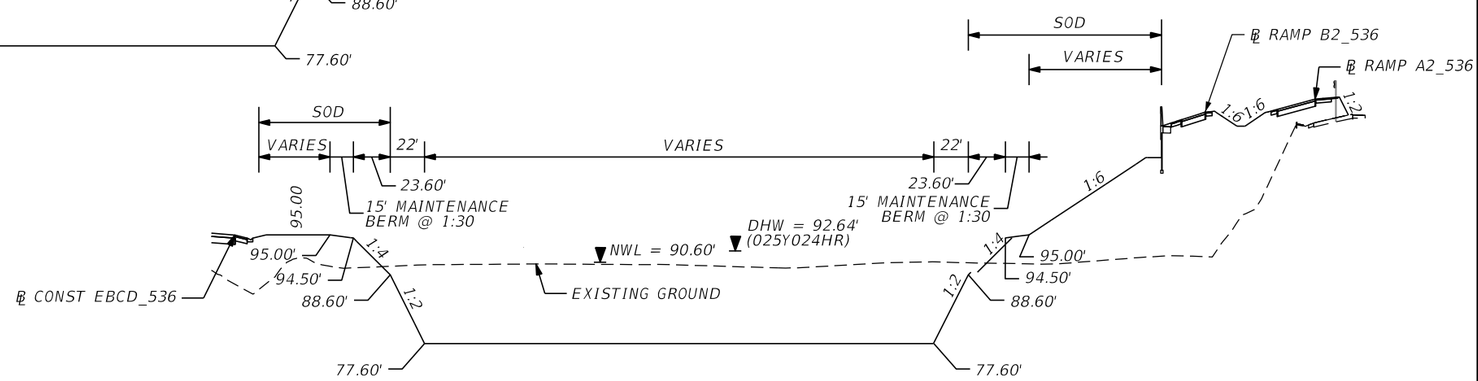
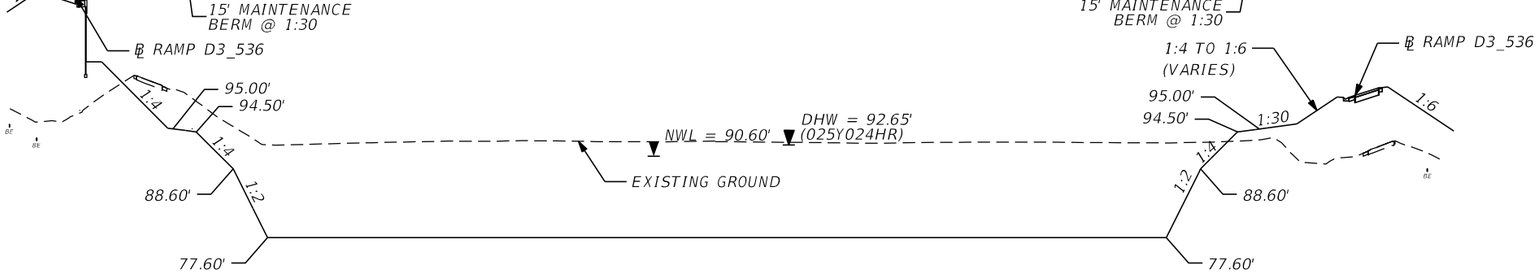


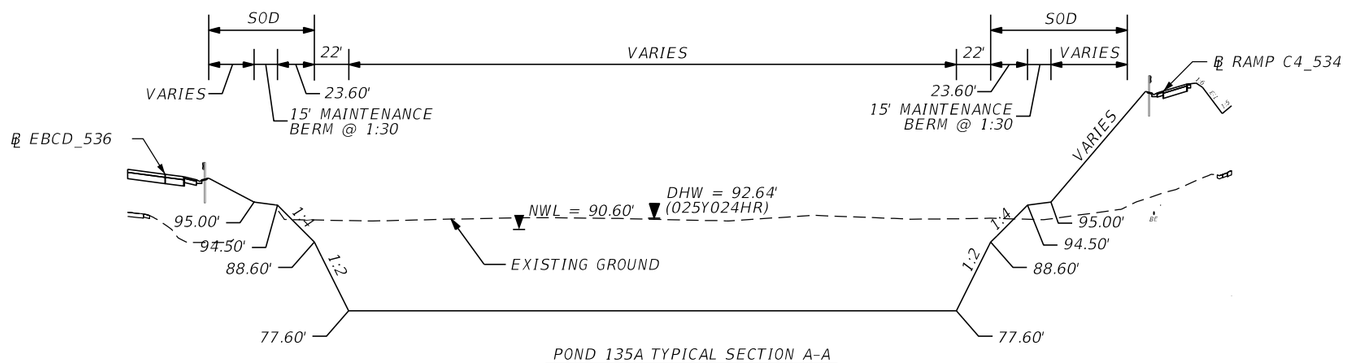
POND 132 TYPICAL SECTION A-A
NTS



POND 133A TYPICAL SECTION A-A
NTS



POND 134A TYPICAL SECTION A-A
NTS



POND 135A TYPICAL SECTION A-A
NTS

EQUALIZER PIPES

STRUCTURE	INVERT
EQ132-3	77.60
EQ134A-1	77.60
EQ134A-2	77.60
EQ134B-1	77.60

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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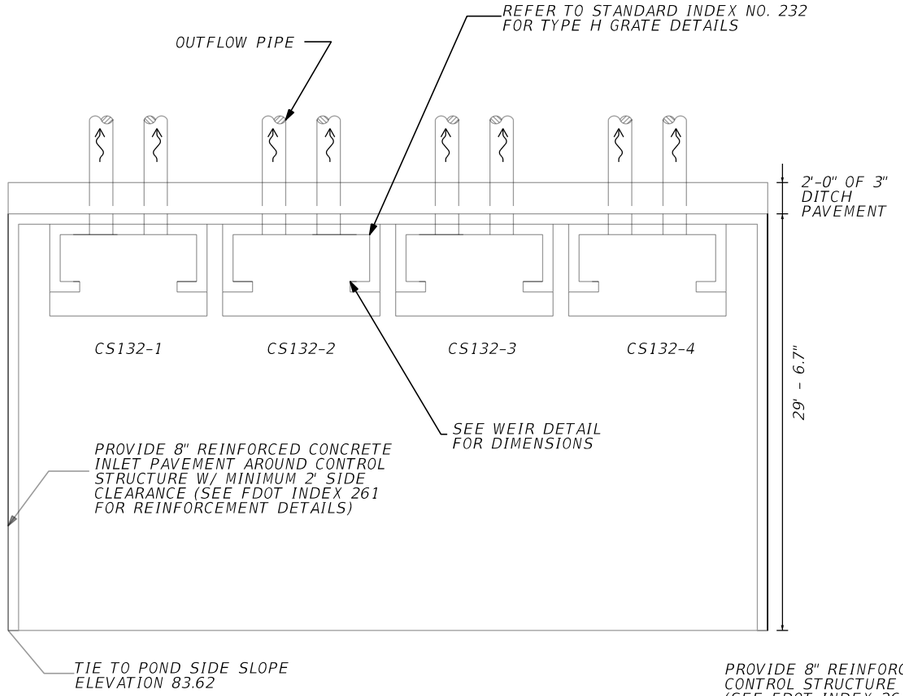
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

TYPICAL SECTIONS
POND 132, POND 133A, POND 134A & POND 135A

SHEET NO.
405



CONTROL STRUCTURE PLAN VIEW

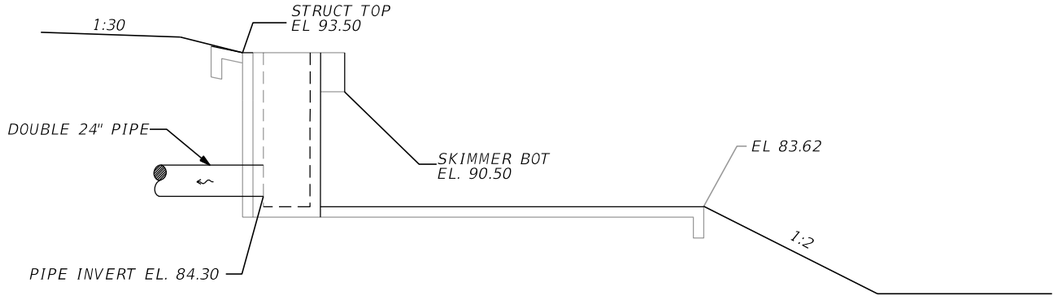
NTS

CS132-1
CONST. DBI TYPE H (MOD) 4 GRATE
STA (512+80.70), 99.36' LT
@ A3_536
SEE DETAIL
FDOT INDEX 200 & 232

CS132-2
CONST. DBI TYPE H (MOD) 4 GRATE
STA (512+94.05), 99.75' LT
@ A3_536
SEE DETAIL
FDOT INDEX 200 & 232

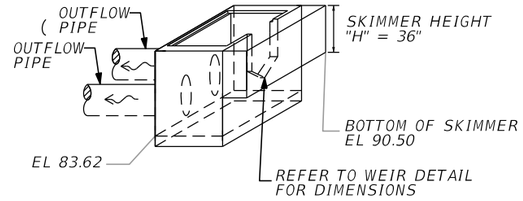
CS132-3
CONST. DBI TYPE H (MOD) 4 GRATE
STA (512+94.05), 99.75' LT
@ A3_536
SEE DETAIL
FDOT INDEX 200 & 232

CS132-4
CONST. DBI TYPE H (MOD) 4 GRATE
STA (513+20.74), 99.58' LT
@ A3_536
SEE DETAIL
FDOT INDEX 200 & 232



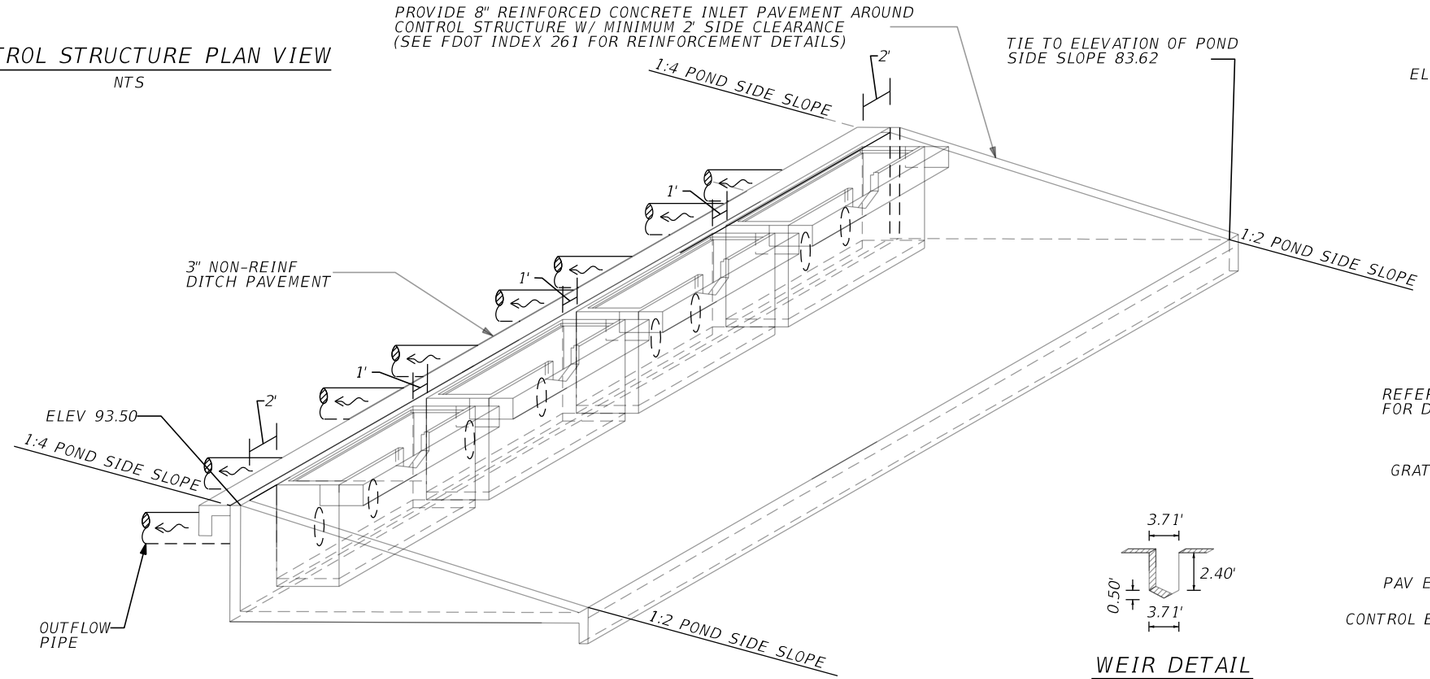
CONTROL STRUCTURE CROSS SECTION DETAIL

NTS



SKIMMER DETAIL

NTS

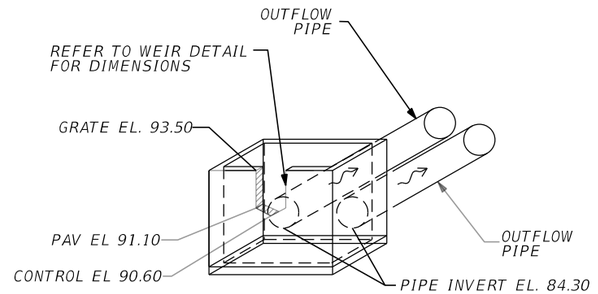


CONCRETE INLET PAVEMENT DETAIL

NTS

WEIR DETAIL

NTS



CONTROL STRUCTURE DETAIL

NTS

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
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Certificate of Authorization No. 8115
www.aecom.com

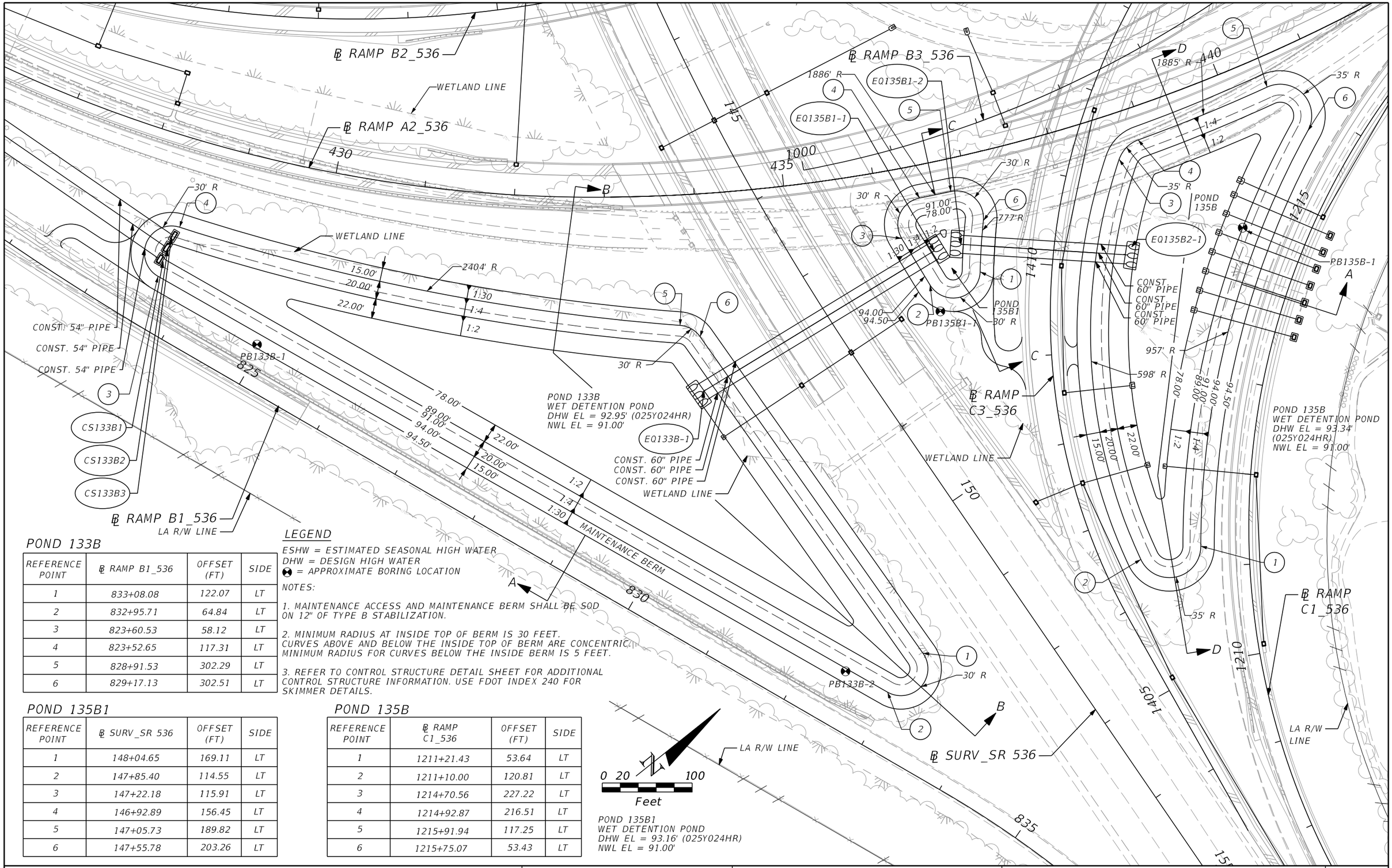
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL POND 132

SHEET NO. 406

glen.dvorovy 2/26/2021 7:12:07 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD01_POND132_B.DGN



LEGEND

ESHW = ESTIMATED SEASONAL HIGH WATER
DHW = DESIGN HIGH WATER
⊗ = APPROXIMATE BORING LOCATION

NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 30 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE INFORMATION. USE FDOT INDEX 240 FOR SKIMMER DETAILS.

POND 133B

REFERENCE POINT	℄ RAMP B1_536	OFFSET (FT)	SIDE
1	833+08.08	122.07	LT
2	832+95.71	64.84	LT
3	823+60.53	58.12	LT
4	823+52.65	117.31	LT
5	828+91.53	302.29	LT
6	829+17.13	302.51	LT

POND 135B1

REFERENCE POINT	℄ SURV_SR 536	OFFSET (FT)	SIDE
1	148+04.65	169.11	LT
2	147+85.40	114.55	LT
3	147+22.18	115.91	LT
4	146+92.89	156.45	LT
5	147+05.73	189.82	LT
6	147+55.78	203.26	LT

POND 135B

REFERENCE POINT	℄ RAMP C1_536	OFFSET (FT)	SIDE
1	1211+21.43	53.64	LT
2	1211+10.00	120.81	LT
3	1214+70.56	227.22	LT
4	1214+92.87	216.51	LT
5	1215+91.94	117.25	LT
6	1215+75.07	53.43	LT

0 20 100
Feet

POND 135B1
WET DETENTION POND
DHW EL = 93.16' (025Y024HR)
NWL EL = 91.00'

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

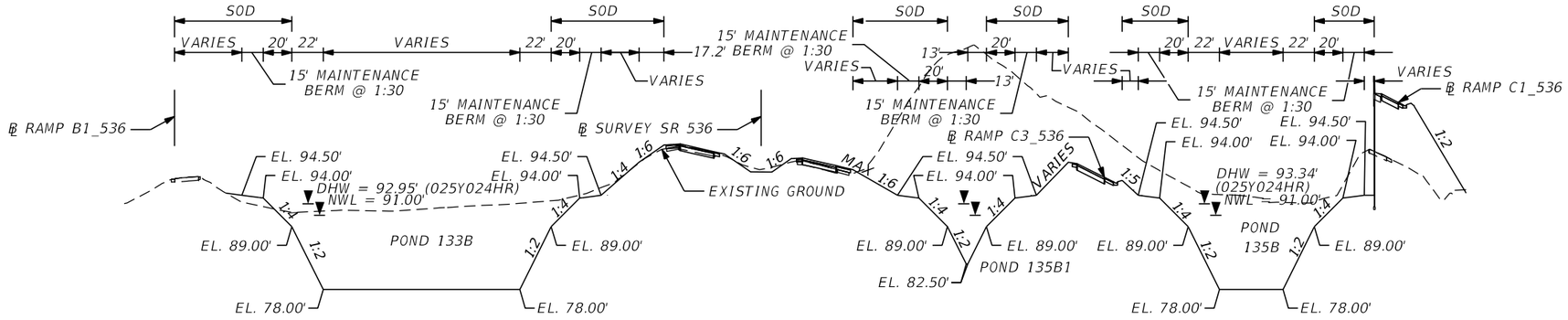
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL - POND 133B
POND 135B & POND 135B1

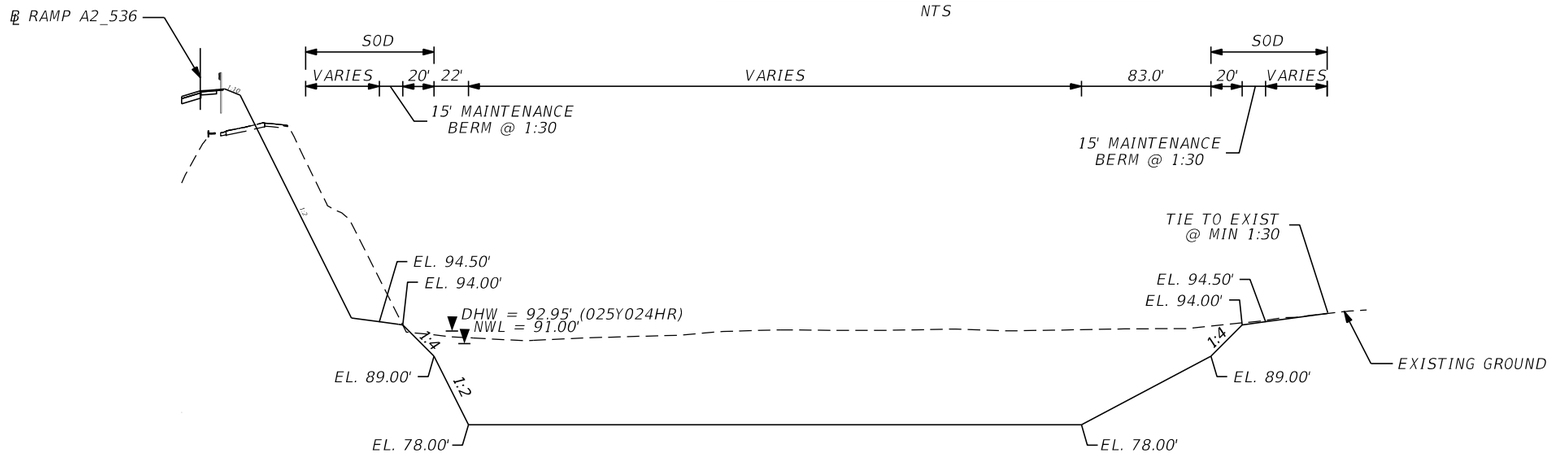
SHEET NO. 407

glen.dvorovy 2/26/2021 7:12:14 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD01_POND133B_135B_A.DGN



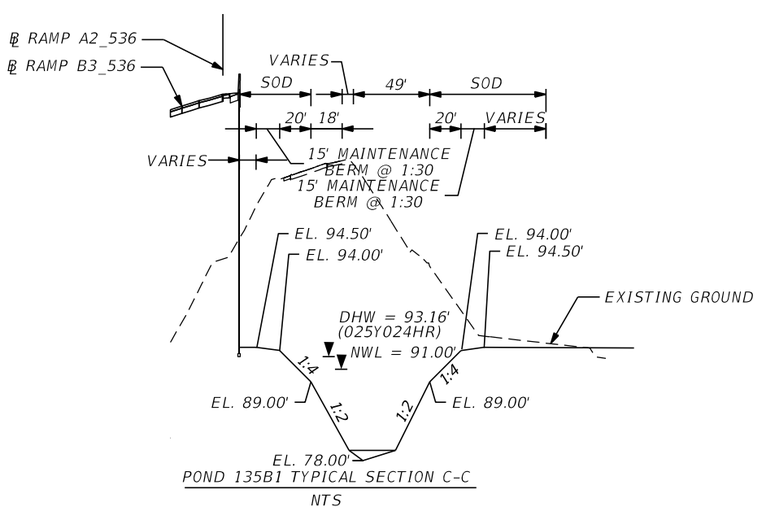
PONDS 133B, 135B1 & 135B TYPICAL SECTION A-A

NTS



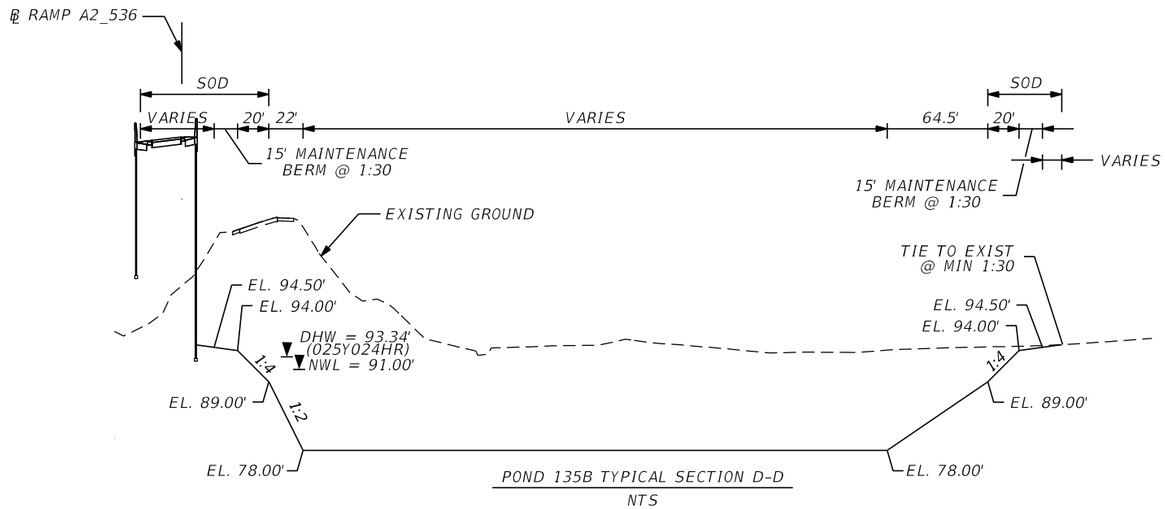
POND 133B TYPICAL SECTION B-B

NTS



POND 135B1 TYPICAL SECTION C-C

NTS



POND 135B TYPICAL SECTION D-D

NTS

EQUALIZER PIPES

STRUCTURE	INVERT
EQ133B-1	81.88
EQ135B1-1	81.88
EQ135B1-2	81.88
EQ135B2-1	81.88

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

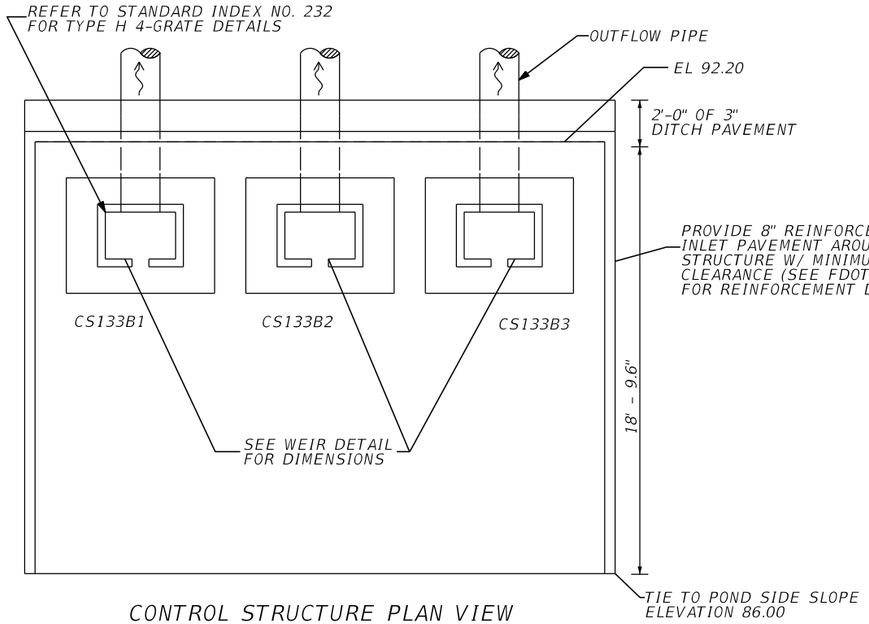
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

TYPICAL SECTIONS
POND 133B, 135B, & 135B1

SHEET NO. 408

PRELIMINARY: NOT FOR CONSTRUCTION

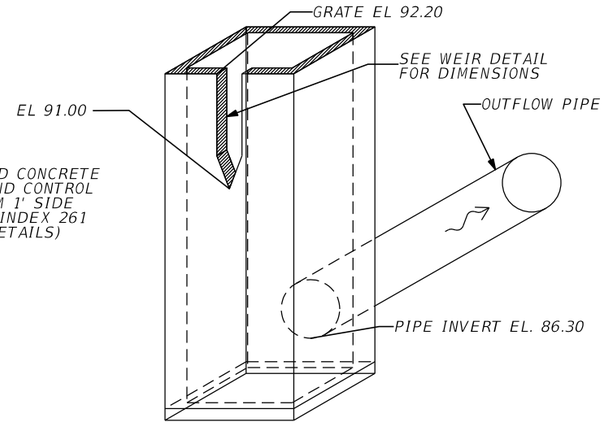


CONTROL STRUCTURE PLAN VIEW
NTS

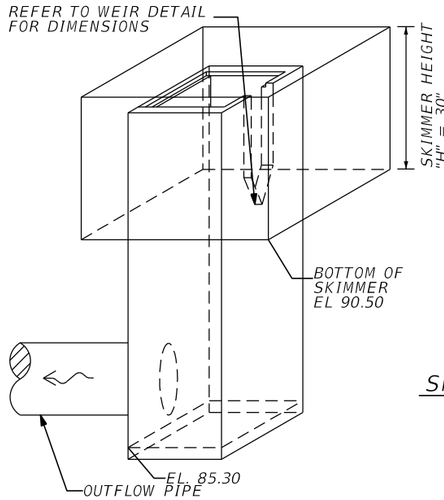
CS133B3
CONST. DBI TYPE H (MOD) 4 GRATE
STA (823+52.07), 75.50' LT
℄ B1_536
SEE DETAIL
FDOT INDEX 200 & 232

CS133B
CONST. DBI TYPE H (MOD) 4 GRATE
STA (823+52.03), 90.59' LT
℄ B1_536
SEE DETAIL
FDOT INDEX 200 & 232

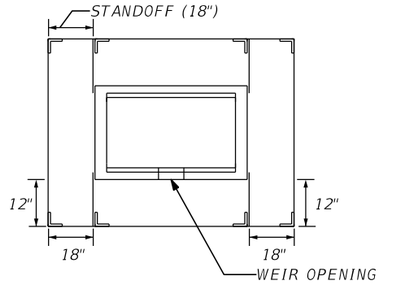
CS133B1
CONST. DBI TYPE H (MOD) 4 GRATE
STA (823+52.12), 105.77' LT
℄ B1_536
SEE DETAIL
FDOT INDEX 200 & 232



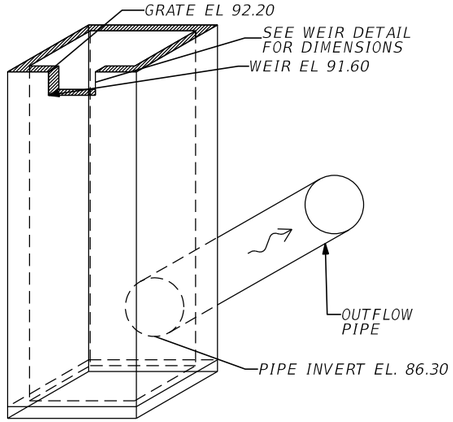
CONTROL STRUCTURE DETAIL CS133B2
NTS



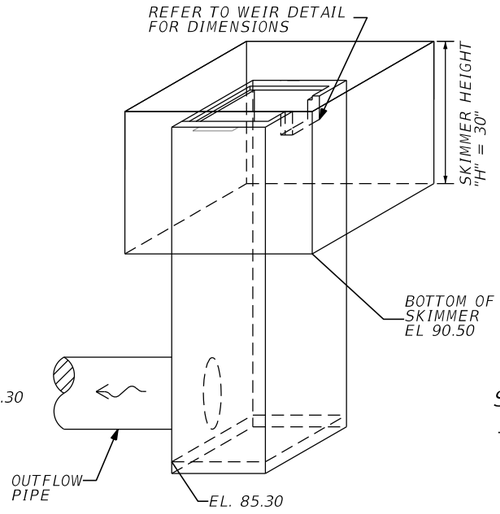
SKIMMER DETAIL CS133B2
NTS



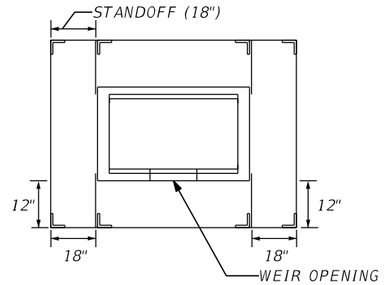
SKIMMER STANDOFF DETAIL CS133B2
NTS



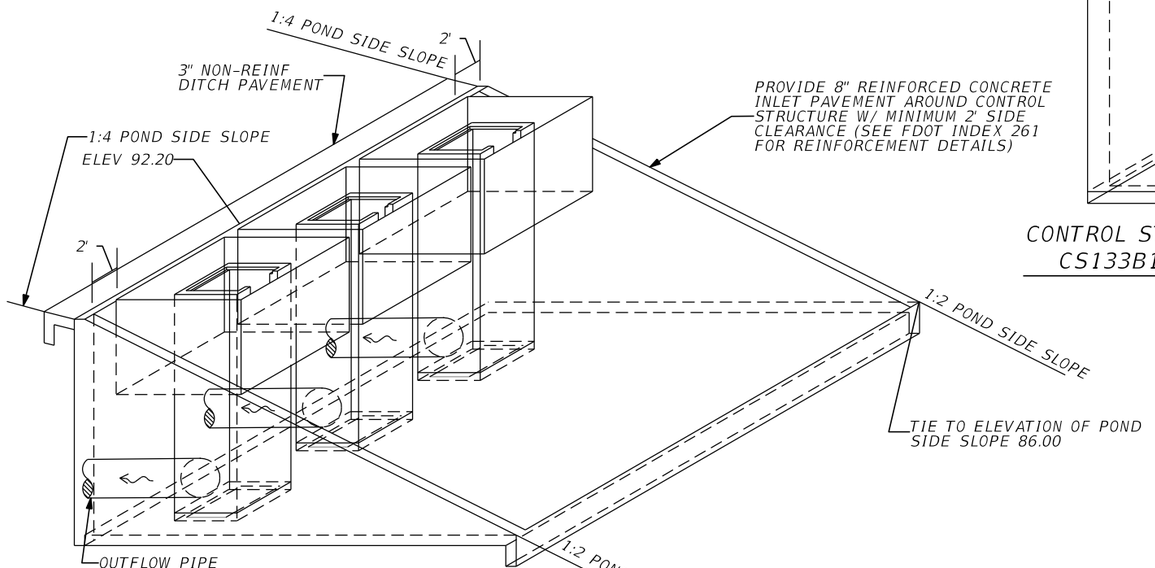
CONTROL STRUCTURE DETAIL CS133B1 & CS133B3
NTS



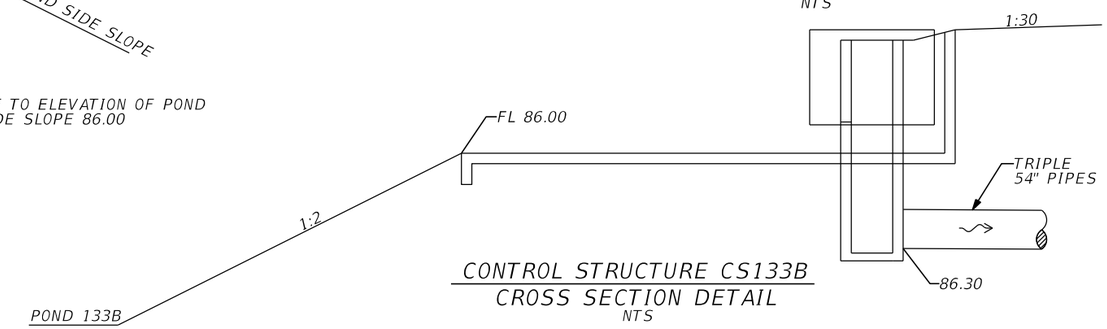
SKIMMER DETAIL CS133B1 & CS133B3
NTS



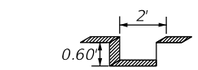
SKIMMER STANDOFF DETAIL CS133B1 & CS133B3
NTS



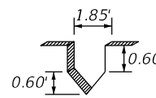
CONCRETE INLET PAVEMENT DETAIL
NTS



CONTROL STRUCTURE CS133B
CROSS SECTION DETAIL
NTS



WEIR DETAIL
CS133B1 & CS133B3
NTS



WEIR DETAIL CS133B2
NTS

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL POND 133B

SHEET NO. 409

glen.dvorovy 2/26/2021 7:12:21 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD01_POND133B_B.DGN

REFERENCE POINT	℄ CONST EBCD_536	OFFSET (FT)	SIDE
1	5090+39.20	183.10	RT
2	5090+08.20	152.10	RT
3	5090+08.20	82.10	RT
4	5090+39.20	51.10	RT
5	5097+92.61	51.10	RT
6	5098+17.24	63.27	RT
7	5098+33.62	84.69	RT
8	5098+27.85	128.13	RT
9	5095+83.37	315.49	RT
10	5095+58.99	321.39	RT
11	5094+87.89	308.53	RT
12	5094+69.38	310.35	RT
13	5094+30.90	325.49	RT
14	5094+15.20	327.34	RT
15	5094+76.46	321.86	RT
16	5093+65.14	322.16	RT
17	5093+38.05	327.48	RT
18	5093+07.51	316.02	RT
19	5092+14.89	196.29	RT
20	5091+87.99	183.10	RT

LEGEND

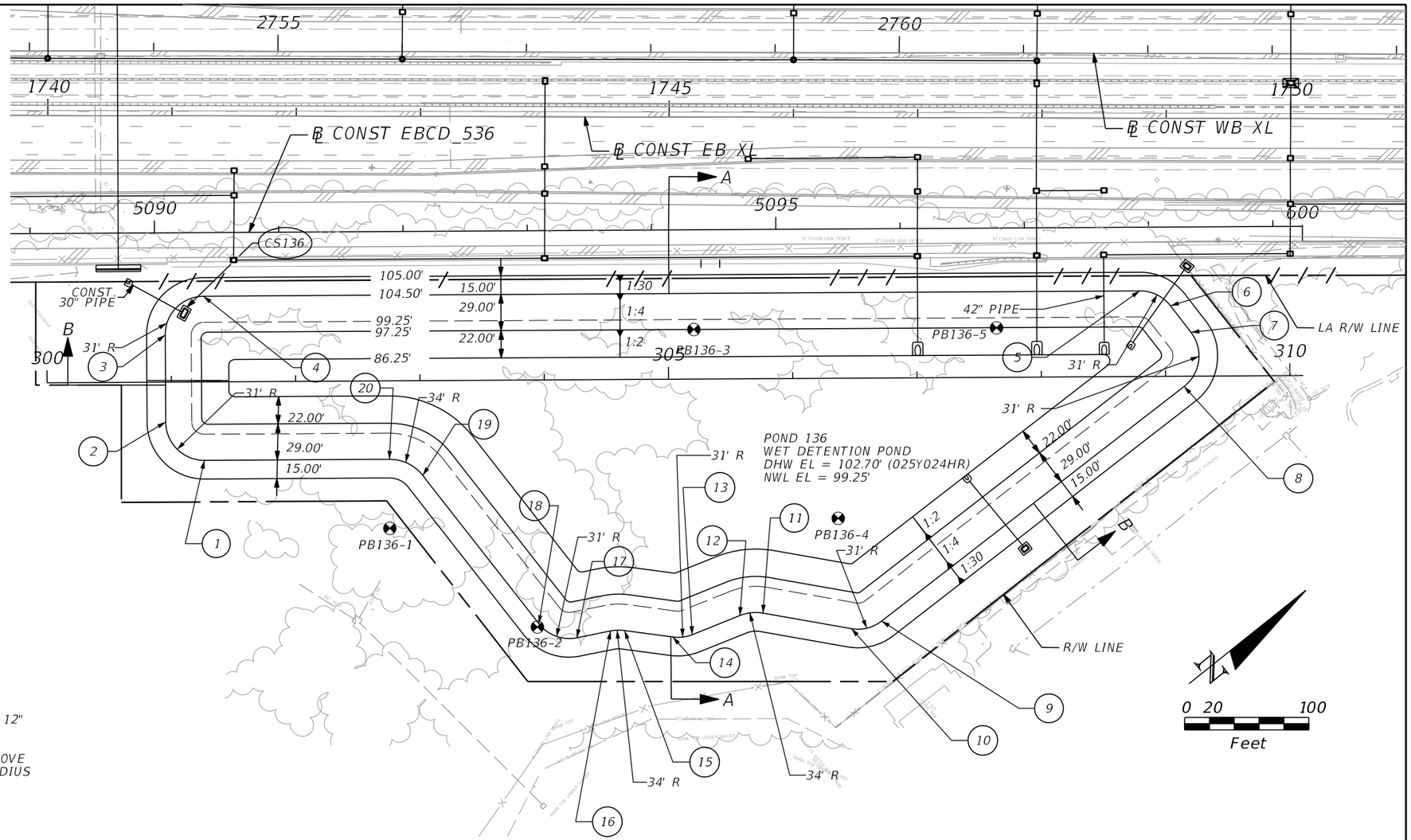
NWL = NORMAL WATER LEVEL
DHW = DESIGN HIGH WATER
⊛ = APPROXIMATE BORING LOCATION

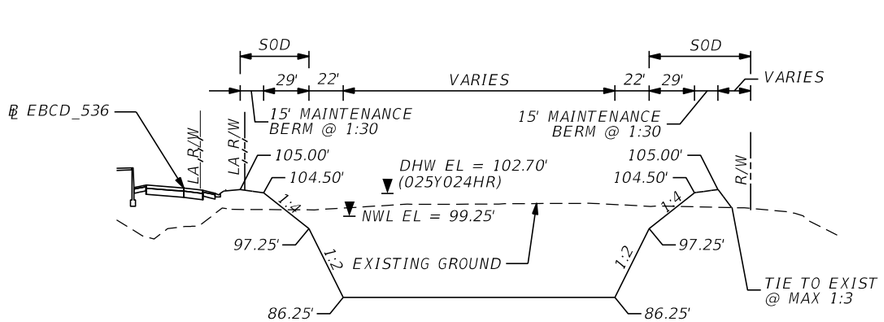
NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

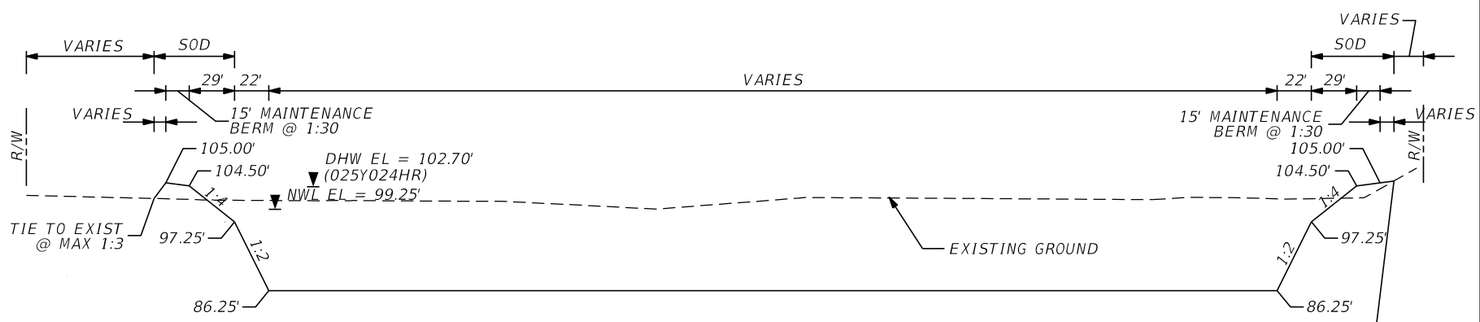
2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 31 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE INFORMATION.





POND 136 TYPICAL SECTION A-A
NTS



POND 136 TYPICAL SECTION B-B
NTS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
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www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

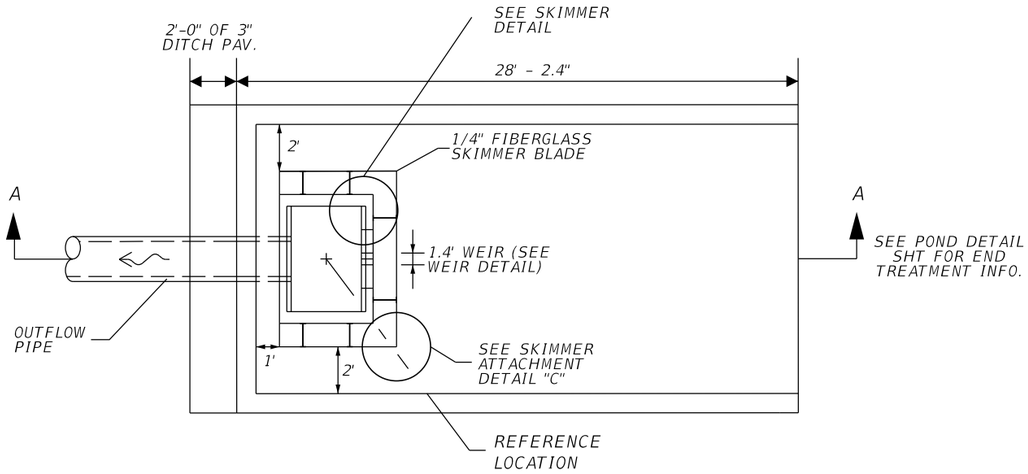
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND 136

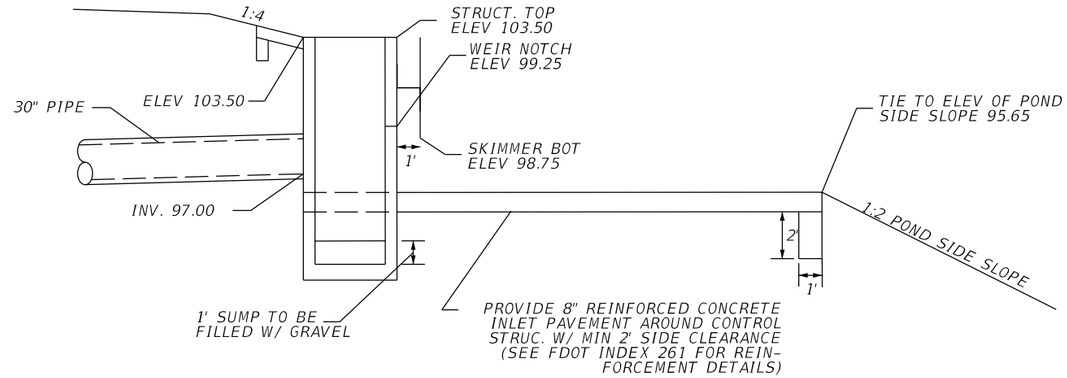
SHEET NO. 410

PRELIMINARY: NOT FOR CONSTRUCTION

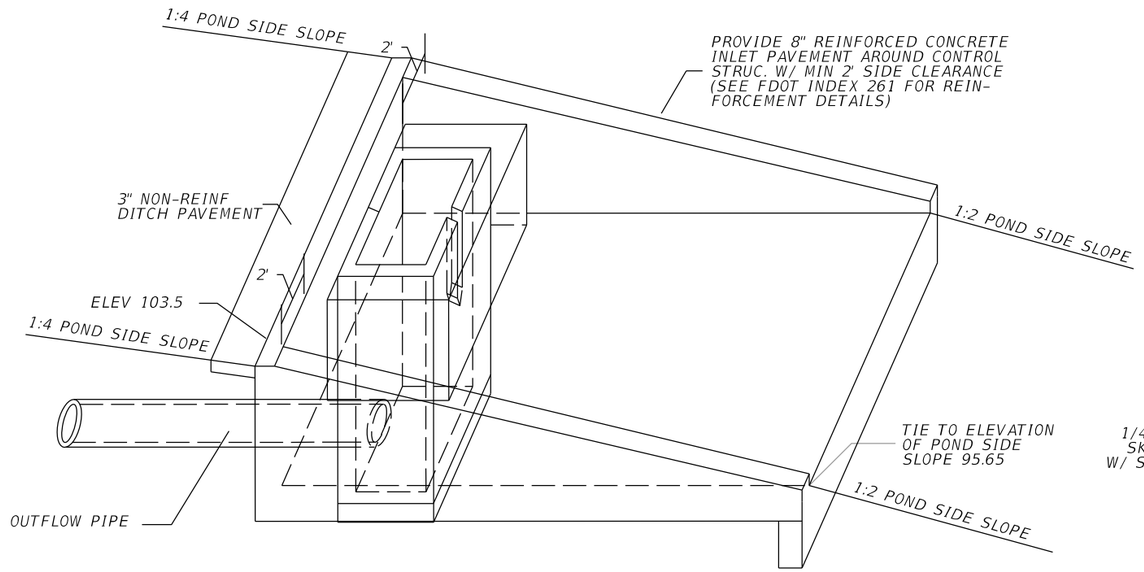
glen.dvorovy 2/26/2021 7:12:27 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD01_POND136B_A.DGN



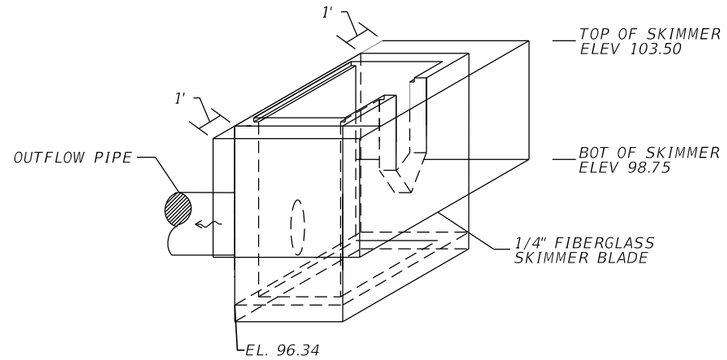
PLAN VIEW
NTS



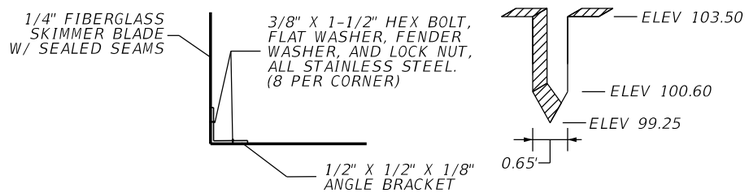
SECTION A-A
NTS



CONCRETE INLET PAVEMENT DETAIL
NTS



SKIMMER DETAIL
NTS



DETAIL "C"
NTS

WEIR DETAIL
NTS

CONTROL STRUCTURE CS136
CONST TYPE E DBI
℄ POND136, STA 301+10.60' LT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL. 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

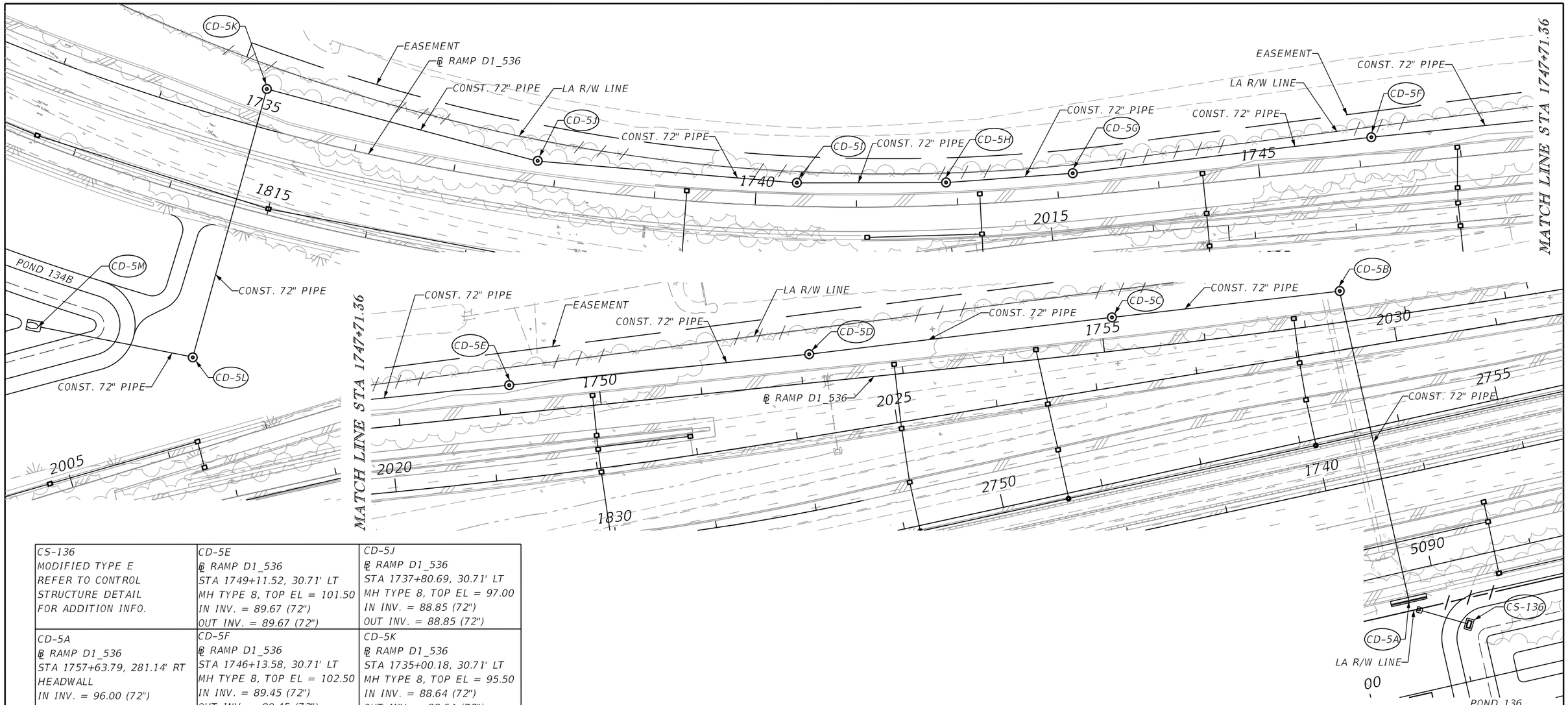
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL
POND 136

SHEET NO. 411

PRELIMINARY: NOT FOR CONSTRUCTION



CS-136 MODIFIED TYPE E REFER TO CONTROL STRUCTURE DETAIL FOR ADDITION INFO.	CD-5E ℄ RAMP D1_536 STA 1749+11.52, 30.71' LT MH TYPE 8, TOP EL = 101.50 IN INV. = 89.67 (72") OUT INV. = 89.67 (72")	CD-5J ℄ RAMP D1_536 STA 1737+80.69, 30.71' LT MH TYPE 8, TOP EL = 97.00 IN INV. = 88.85 (72") OUT INV. = 88.85 (72")
CD-5A ℄ RAMP D1_536 STA 1757+63.79, 281.14' RT HEADWALL IN INV. = 96.00 (72")	CD-5F ℄ RAMP D1_536 STA 1746+13.58, 30.71' LT MH TYPE 8, TOP EL = 102.50 IN INV. = 89.45 (72") OUT INV. = 89.45 (72")	CD-5K ℄ RAMP D1_536 STA 1735+00.18, 30.71' LT MH TYPE 8, TOP EL = 95.50 IN INV. = 88.64 (72") OUT INV. = 88.64 (72")
CD-5B ℄ RAMP D1_536 STA 1757+38.58, 30.71' LT MH TYPE 8, TOP EL = 100.00 IN INV. = 90.28 (72") OUT INV. = 90.28 (72")	CD-5G ℄ RAMP D1_536 STA 1743+16.37, 30.71' LT MH TYPE 8, TOP EL = 102.50 IN INV. = 89.23 (72") OUT INV. = 89.23 (72")	CD-5L ℄ RAMP D1_536 STA 1734+99.59, 235' RT MH TYPE 8, TOP EL = 95.00 IN INV. = 88.44 (72") OUT INV. = 86.70 (72")
CD-5C ℄ RAMP D1_536 STA 1755+11.20, 30.71' LT MH TYPE 8, TOP EL = 101.00 IN INV. = 90.11 (72") OUT INV. = 90.11 (72")	CD-5H ℄ RAMP D1_536 STA 1741+89.48, 30.71' LT MH TYPE 8, TOP EL = 102.00 IN INV. = 89.14 (72") OUT INV. = 89.14 (72")	CD-5M ℄ RAMP D1_536 STA 1733+59.88, 252.44' RT MES OUT INV. = 86.60 (72")
CD-5D ℄ RAMP D1_536 STA 1752+09.49, 30.71' LT MH TYPE 8, TOP EL = 100.50 IN INV. = 89.89 (72") OUT INV. = 89.89 (72")	CD-5I ℄ RAMP D1_536 STA 1740+40.54, 30.71' LT MH TYPE 8, TOP EL = 100.50 IN INV. = 89.04 (72") OUT INV. = 89.04 (72")	

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 136
RCID BYPASS SYSTEM

SHEET NO. 412

PRELIMINARY: NOT FOR CONSTRUCTION

0 20 100
Feet

REFERENCE POINT	℄ RAMP B1_535	OFFSET (FT)	SIDE
1	617+71.63	92.18	RT
2	617+85.40	35.33	RT
3	619+92.23	34.01	RT
4	623+96.05	45.11	RT
5	624+62.06	49.21	RT
6	624+92.50	79.51	RT
7	624+92.50	232.80	RT
8	624+55.51	262.42	RT

LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
☢ = APPROXIMATE BORING LOCATION

NOTES:

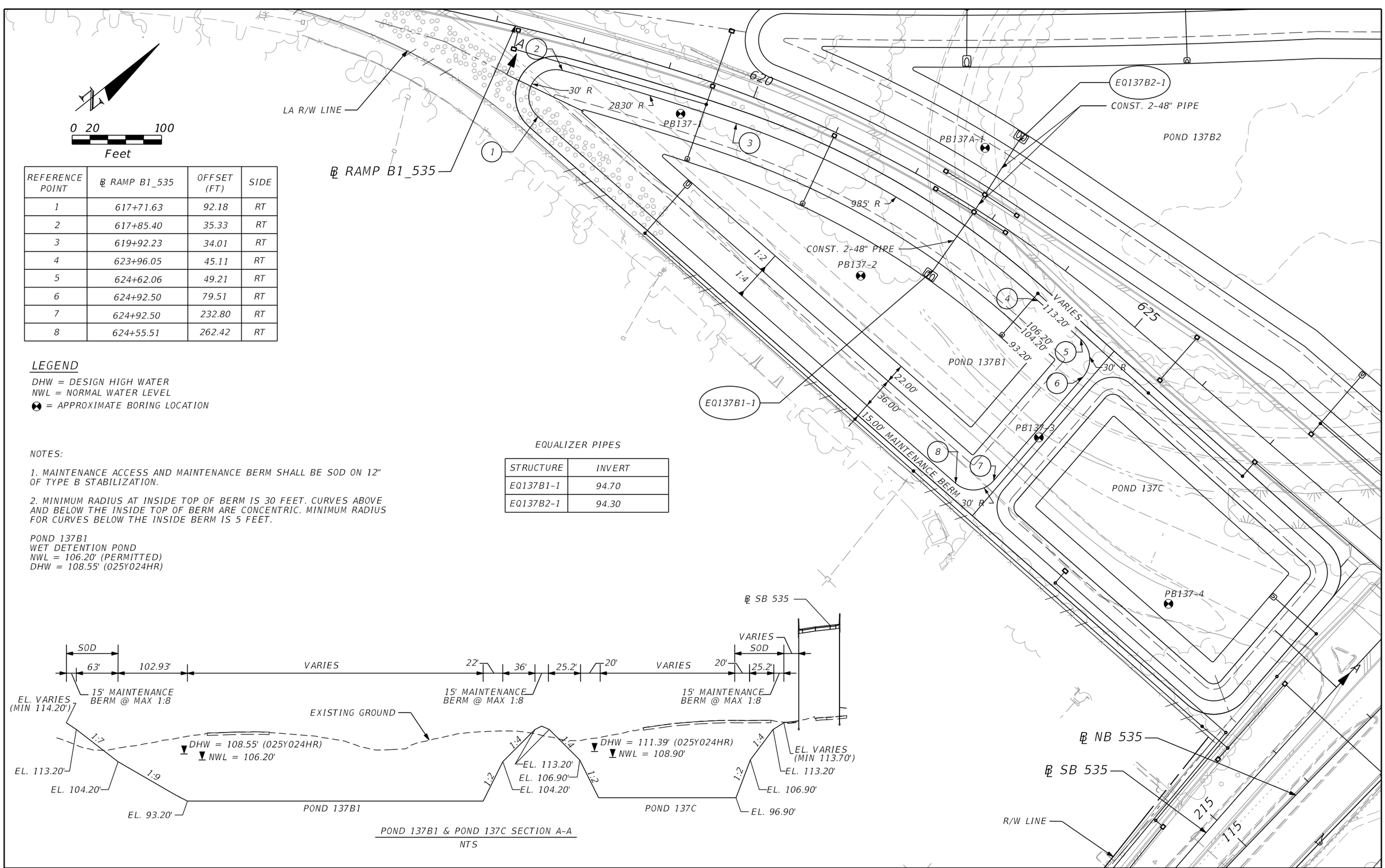
1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 30 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

POND 137B1
WET DETENTION POND
NWL = 106.20' (PERMITTED)
DHW = 108.55' (025Y024HR)

EQUALIZER PIPES

STRUCTURE	INVERT
EQ137B1-1	94.70
EQ137B2-1	94.30



POND 137B1 & POND 137C SECTION A-A
NTS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
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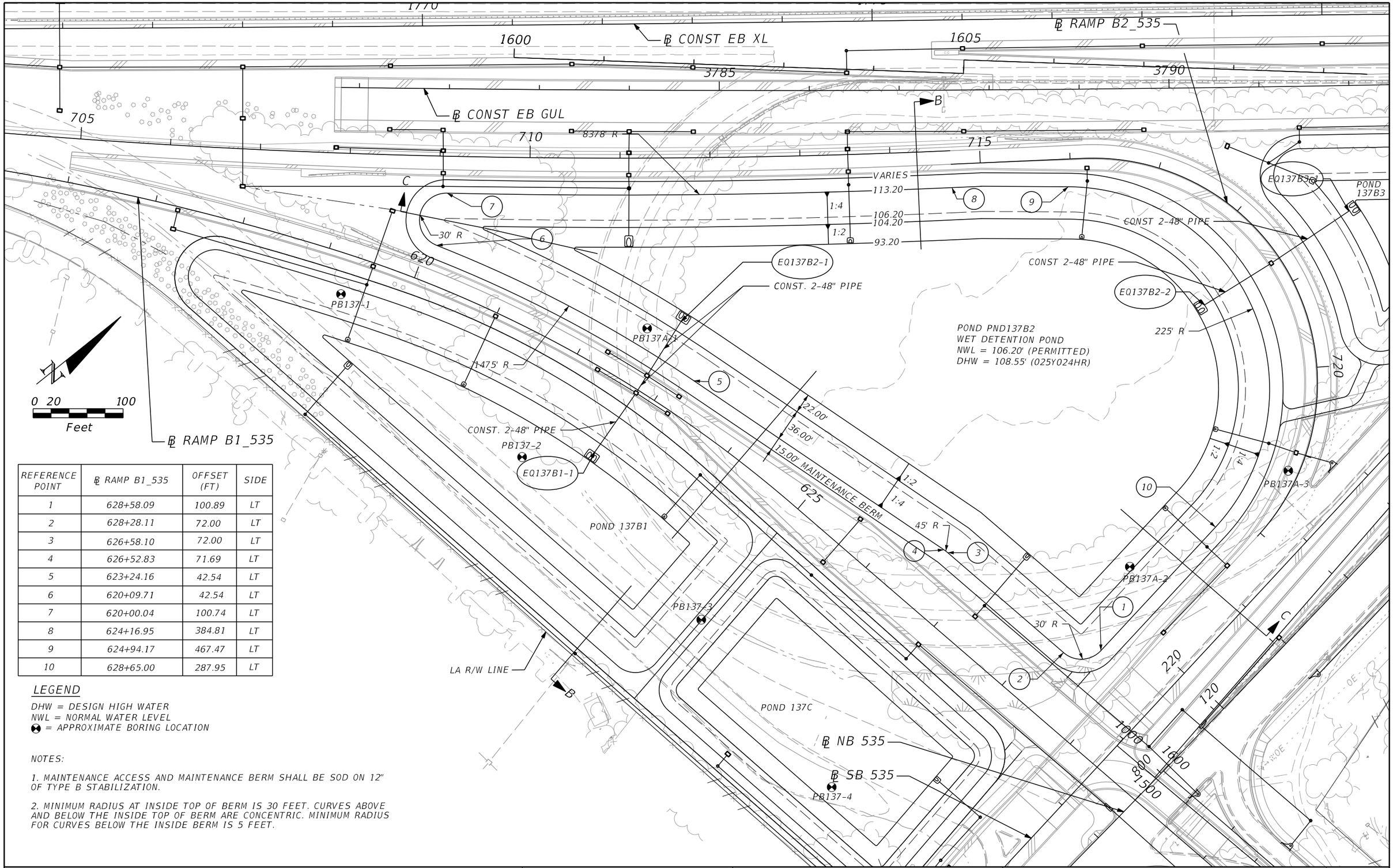
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND 137B1

SHEET NO.
413

PRELIMINARY: NOT FOR CONSTRUCTION



REFERENCE POINT	℄ RAMP B1_535	OFFSET (FT)	SIDE
1	628+58.09	100.89	LT
2	628+28.11	72.00	LT
3	626+58.10	72.00	LT
4	626+52.83	71.69	LT
5	623+24.16	42.54	LT
6	620+09.71	42.54	LT
7	620+00.04	100.74	LT
8	624+16.95	384.81	LT
9	624+94.17	467.47	LT
10	628+65.00	287.95	LT

LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
☢ = APPROXIMATE BORING LOCATION

NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 30 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND 137B2

SHEET NO. 414

PRELIMINARY: NOT FOR CONSTRUCTION

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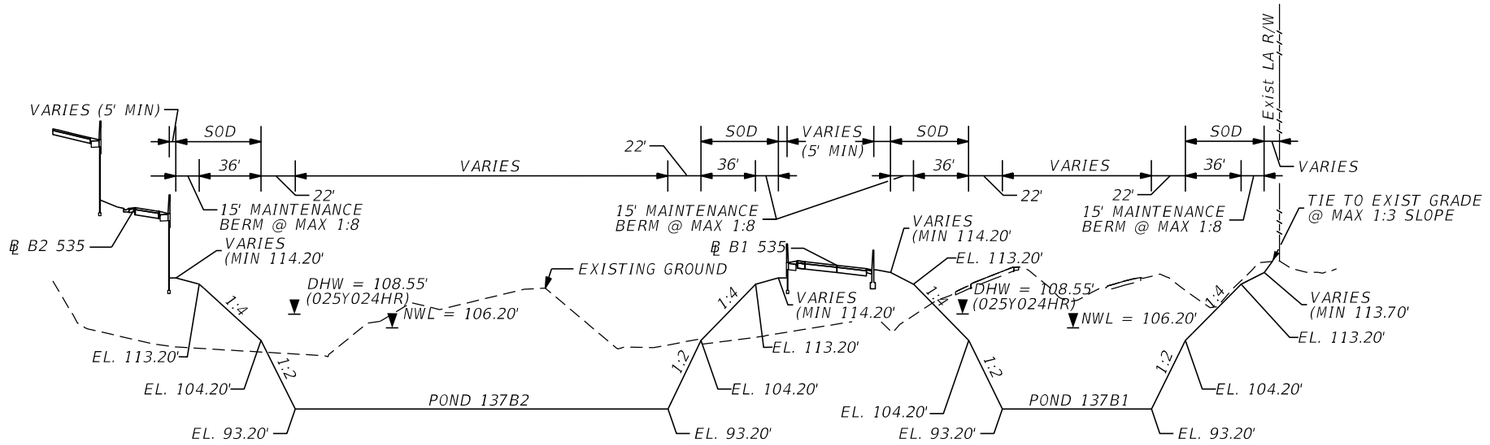
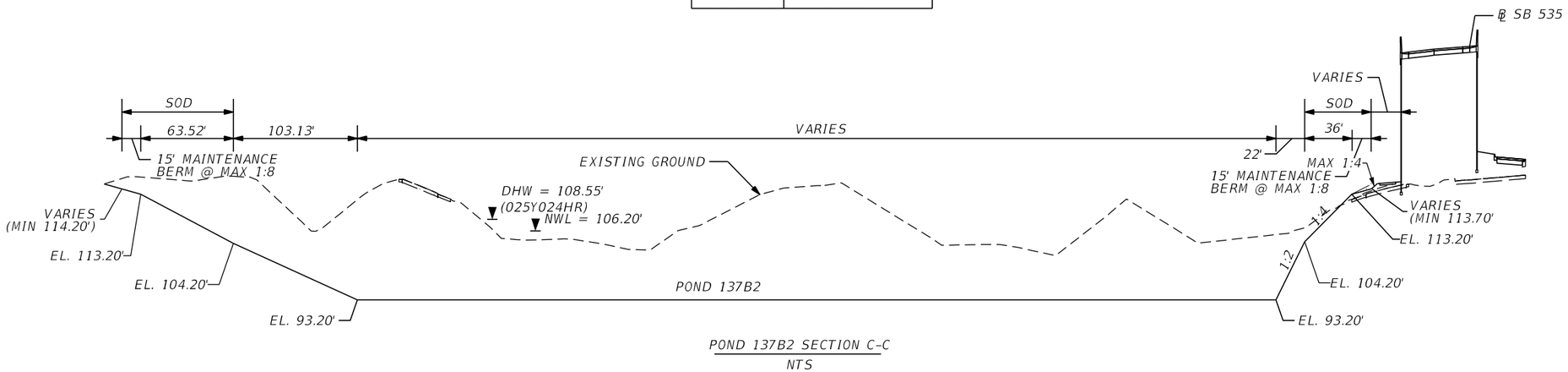


POND 137B1 & 137B2 SECTION B-B

NTS

EQUALIZER PIPES

STRUCTURE	INVERT
EQ137B1-1	94.70
EQ137B2-1	94.30
EQ137B2-2	94.70
EQ137B3-1	94.30



POND 137B2 SECTION C-C

NTS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

TYPICAL SECTIONS
POND 137B1 & POND 137B2

SHEET NO. 415

PRELIMINARY: NOT FOR CONSTRUCTION

REFERENCE POINT	℄ CONST EB GUL	OFFSET (FT)	SIDE
1	3792+51.44	286.89	RT
2	3792+00.74	271.51	RT
3	3791+23.24	120.16	RT
4	3791+44.76	69.33	RT
5	3793+90.73	69.33	RT
6	3794+12.23	120.26	RT

0 20 100
Feet

LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER ELEVATION
☢ = APPROXIMATE BORING LOCATION

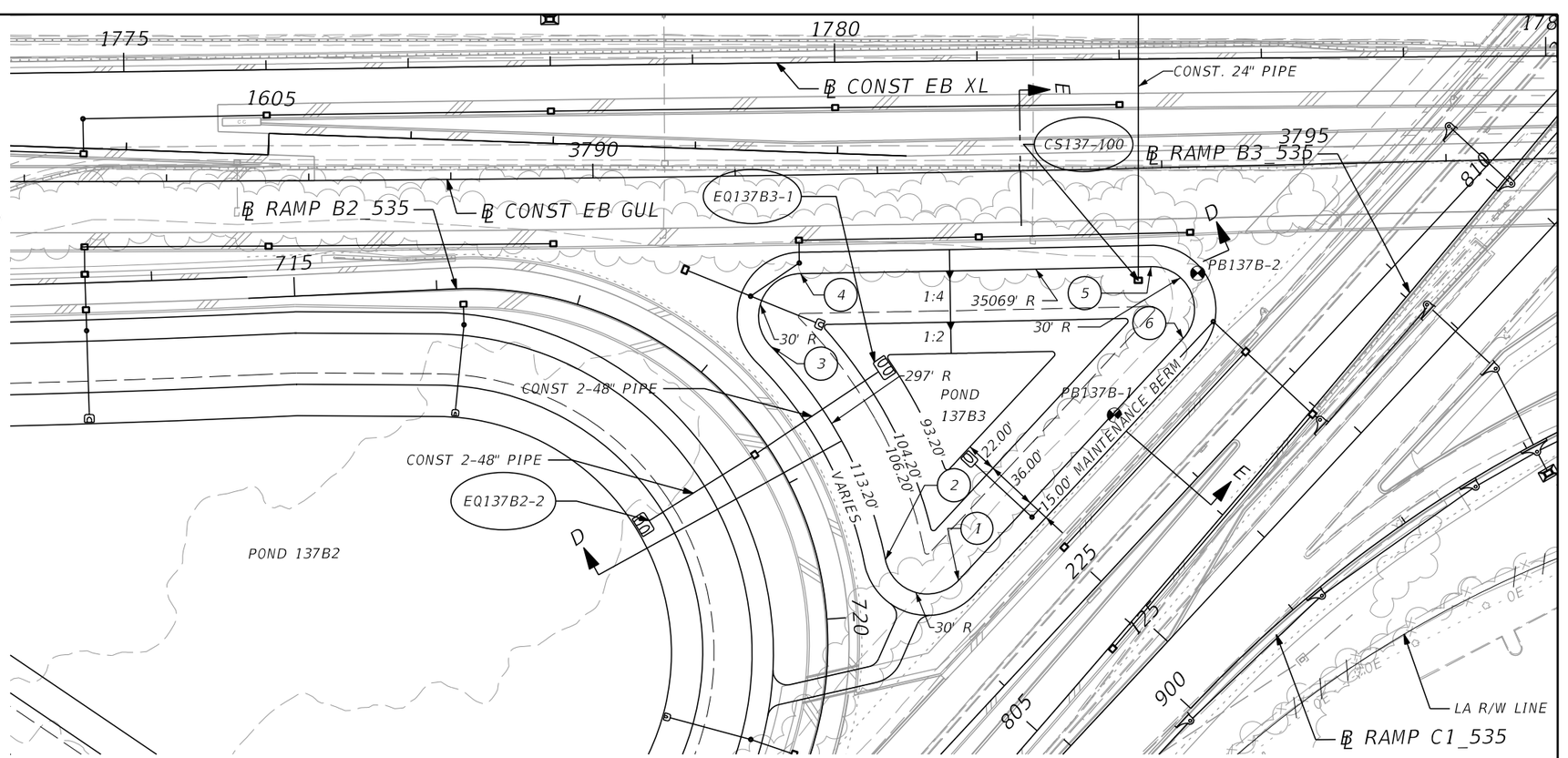
NOTES:

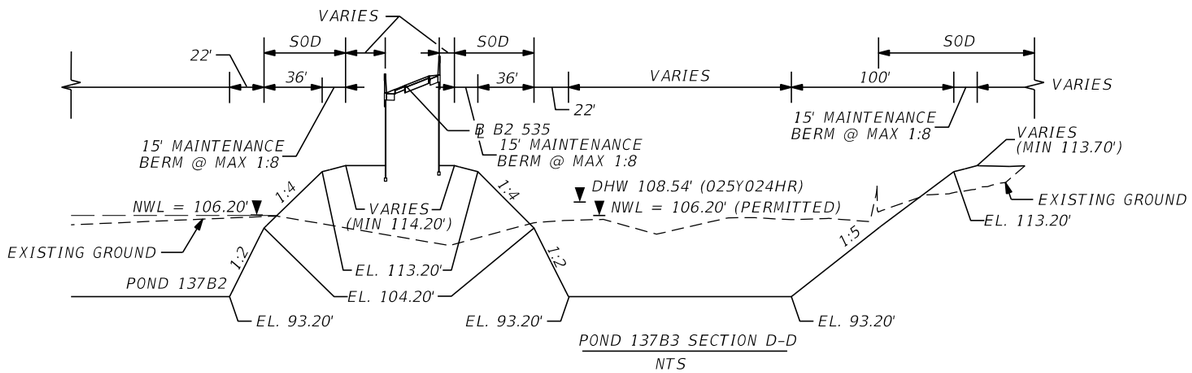
1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 30 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

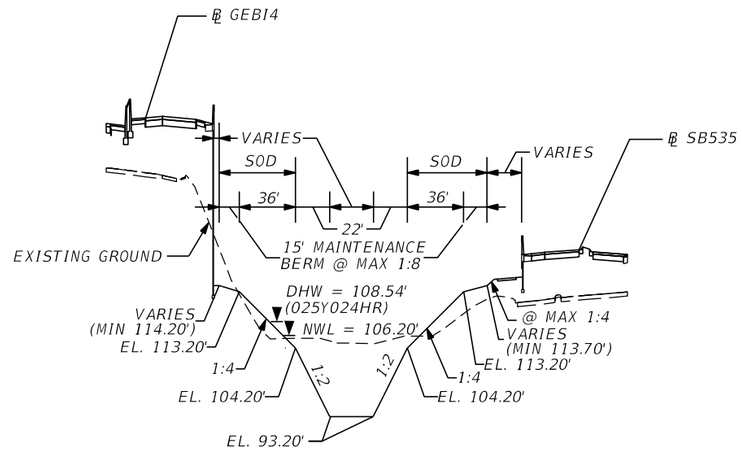
3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE AND SKIMMER INFORMATION.

POND 137B3
NWL = 106.20' (PERMITTED)
DHW = 108.54' (025Y024HR)





POND 137B3 SECTION D-D
NTS



POND 137B3 SECTION E-E
NTS

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
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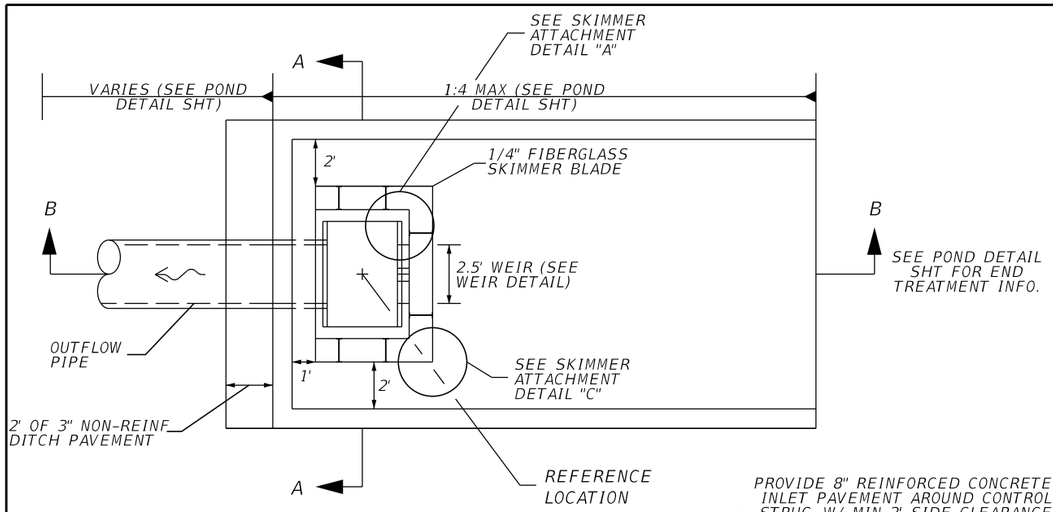
www.aecom.com

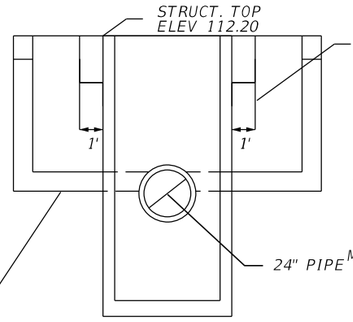
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

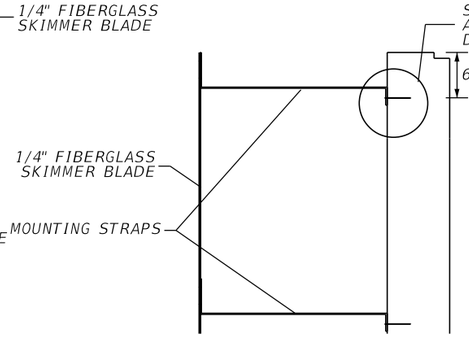
POND DETAIL
POND 137B3

SHEET NO. 416

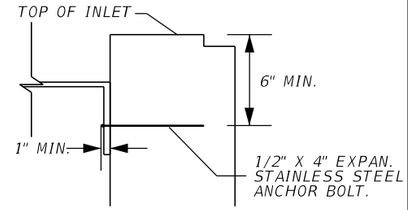




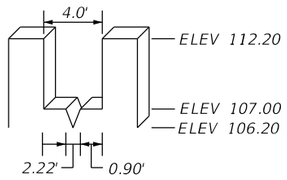
SECTION A-A
NTS



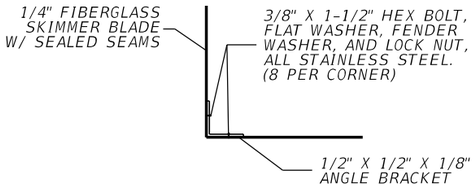
DETAIL "A"
NTS



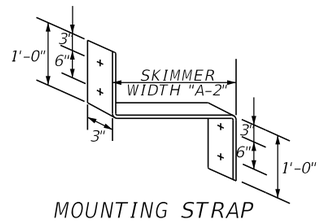
DETAIL "B"
NTS



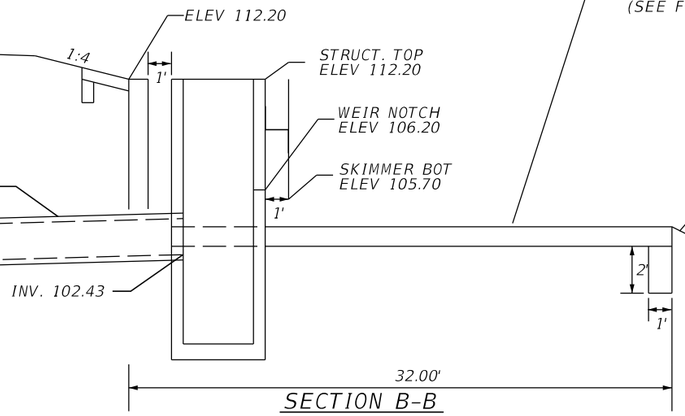
WEIR DETAIL
NTS



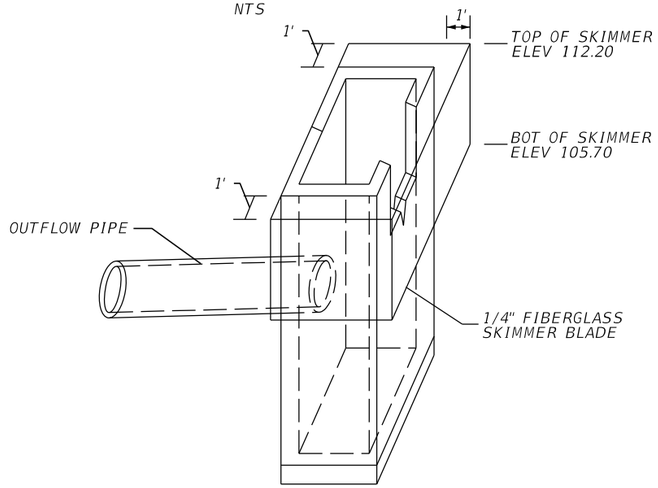
DETAIL "C"
NTS



MOUNTING STRAP
NTS



SECTION B-B
NTS



SKIMMER DETAIL
NTS

CONCRETE INLET PAVEMENT DETAIL
NTS

SKIMMER ATTACHMENT DETAILS

NOTE:
1. CONTRACTOR SHALL CUT A STAINLESS STEEL PLATE TO DIMENSION AS SHOWN ON TABLE. USE 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

3. SKIMMER ATTACHMENT NOTE: SKIMMER TO BE ATTACHED TO BACK OF STRUCTURE USING 3/8" STAINLESS STEEL STUD TYPE EXPANSION ANCHOR WITH NUT AND WASHER. EMBEDDED DEPTH TO BE 2-1/2". ANCHORS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS OR AS DIRECTED BY THE ENGINEER.

4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

5. FASTEN MOUNTING STRAP IN WITH 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

6. ALL CONTROL STRUCTURES SHALL HAVE STEEL RECTICULAR GRATES.

CONTROL STRUCTURE CS137C-100
CONST MODIFIED TYPE E DBI
@ SR SB535, STA 226+72.83, 124.84' LT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
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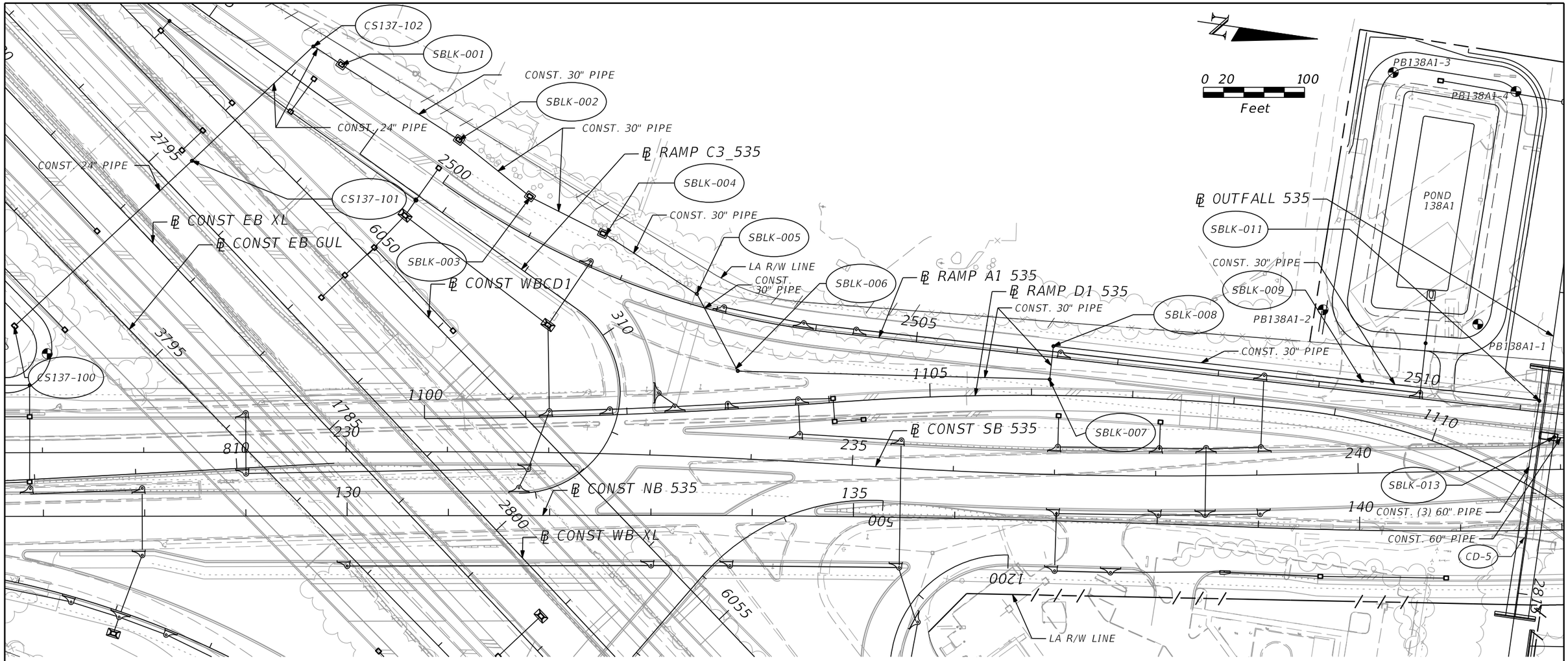
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL
POND 137B3

SHEET NO. 417



CS137-100 MODIFIED TYPE E REFER TO CONTROL STRUCTURE DETAIL FOR INFORMATION	CS137-101 ℄ SR SB535, STA 228+49.19, 287.72' LT MH TYPE 7 TOP ELE = 113.89 IN INV. = 103.80 (24") OUT INV. = 103.80 (24")	CS137-102 ℄ SR SB535, STA 229+68.27, 400.35' LT MH TYPE 7 TOP ELE = 113.14 IN INV. = 103.55 (24") OUT INV. = 103.55 (24")	SBLK-001 ℄ RAMP C3_535 STA 306+33.87, 37.14' LT DBI TYPE E TOP ELE = 113.90 IN INV. = 103.40 (30") OUT INV. = 102.90 (30")	SBLK-002 ℄ RAMP C3_535 STA 307+71.49, 68.03' LT DBI TYPE E TOP ELE = 113.30 IN INV. = 102.65 (30") OUT INV. = 102.65 (30")
SBLK-003 ℄ RAMP C3_535 STA 308+61.01, 63.45' LT DBI TYPE E TOP ELE = 110.40 IN INV. = 102.50 (30") OUT INV. = 102.50 (30")	SBLK-004 ℄ RAMP A1_535 STA 2501+65.94, 35.51' LT DBI TYPE E TOP ELE = 108.57 IN INV. = 102.35 (30") OUT INV. = 102.35 (30")	SBLK-005 ℄ RAMP A1_535 STA 2502+76.79, 11.27' LT MH TYPE 7 TOP ELE = 108.73 IN INV. = 96.65 (30") OUT INV. = 96.65 (30")	SBLK-006 ℄ RAMP A1_535 STA 2503+33.18, 52.60' RT MH TYPE 7 TOP ELE = 109.06 IN INV. = 96.49 (30") OUT INV. = 96.49 (30")	SBLK-007 ℄ RAMP A1_535 STA 2506+35.00, 22.00' RT MH TYPE 7 TOP ELE = 109.05 IN INV. = 96.26 (30") OUT INV. = 96.26 (30")
SBLK-008 ℄ RAMP A1_535 STA 2506+35.00, 11.00' LT MH TYPE 7 TOP ELE = 108.61 IN INV. = 96.24 (30") OUT INV. = 96.24 (30")	S138BLK-009 ℄ RAMP A1_535, STA 2509+41.80, 11.00' LT MH TYPE 7 TOP ELE = 108.42 IN INV. = 96.02 (30") OUT INV. = 96.02 (30")	S138BLK-011 ℄ RAMP A1_535, STA 2511+18.00, 11.00' LT MH TYPE 7 TOP ELE = 107.76 IN INV. = 94.93 (60") OUT INV. = 94.93 (60")	SBLK-013 ℄ RAMP A1_535 STA 2511+36.37, 23.01' RT MH TYPE 7 TOP ELE = 107.82 IN INV. = 94.84 (60") OUT INV. = 94.84 (60")	

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

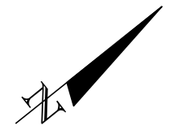
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND OUTFALL SYSTEM
POND 137B3

SHEET NO. 418

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/26/2021 7:13:11 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD02_POND137B3_C.DGN



REFERENCE POINT	℄ RAMP B1_535	OFFSET (FT)	SIDE
1	625+37.24	263.45	RT
2	625+07.50	233.45	RT
3	625+07.50	81.01	RT
4	625+38.10	51.01	RT
5	628+20.19	56.66	RT
6	628+49.59	86.58	RT
7	628+49.96	235.80	RT
8	628+19.71	265.87	RT

LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
☢ = APPROXIMATE BORING LOCATION

NOTES:

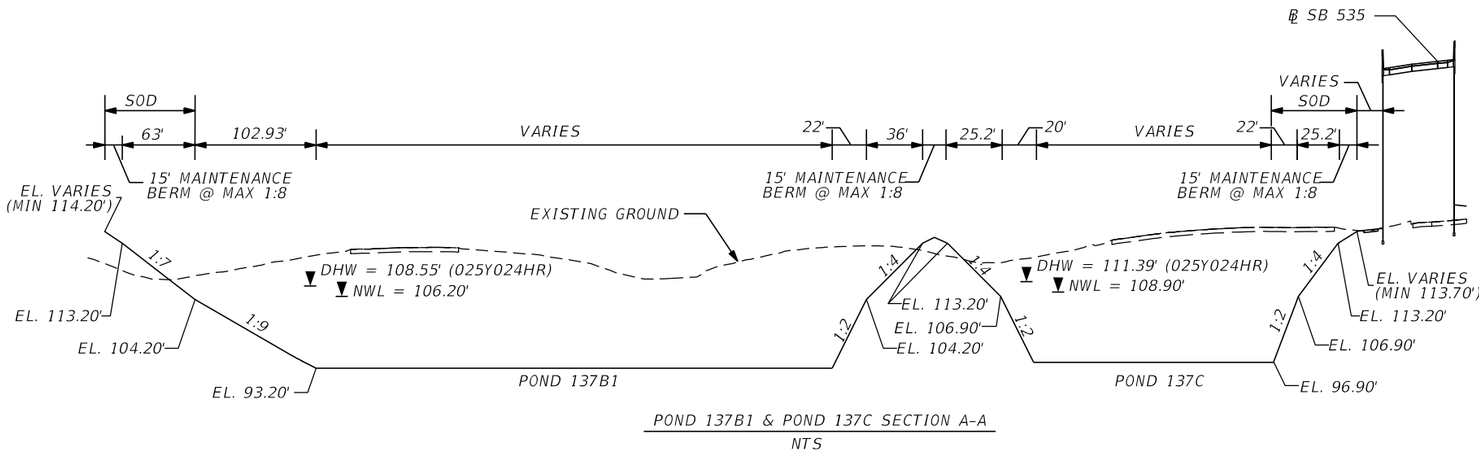
1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 30 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE AND SKIMMER INFORMATION.

POND 137C
WET DETENTION POND
NWL = 108.90' (PERMITTED)
DHW = 111.39' (025Y024HR)

LA R/W LINE
℄ RAMP B1_535
A
620
PB137-1
PB137A-1
POND 137B2
PB137-2
625
3
POND 137B1
PB137-3
30' R
4
1:4
1:2
VARIES
113.20'
108.90'
106.90'
96.90'
5
2
POND 137C
30' R
1
20.00'
25.20'
15.00' MAINTENANCE BERM
CSPND137C
CONST 24" PIPE
30' R
PB137-4
6
1:2
1:4
CONST 24" PIPE
8
7
℄ NB 535
℄ SB 535
CONST 24" PIPE
R/W LINE
215
115



POND 137B1 & POND 137C SECTION A-A
NTS

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

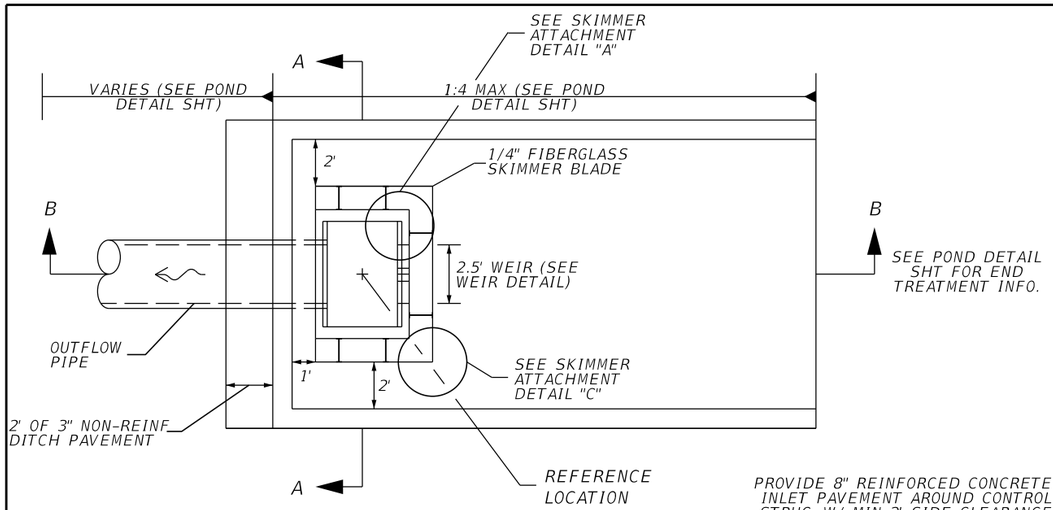
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

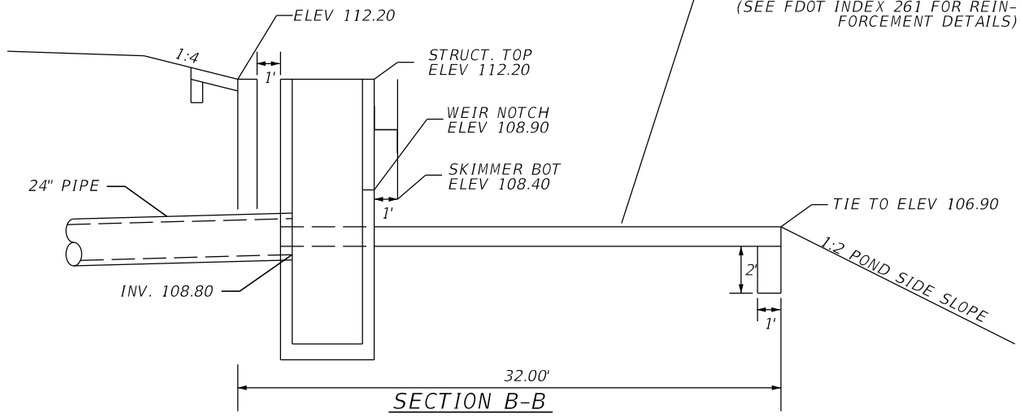
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND 137C

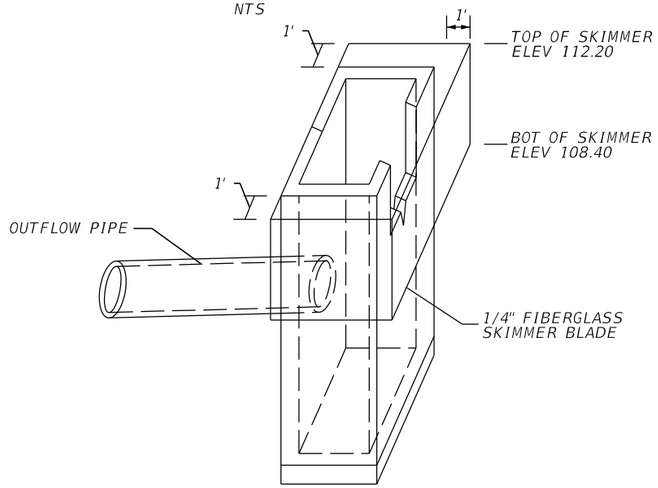
SHEET NO. 419

glen.dvorovy 2/26/2021 7:13:17 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD02_POND137C_A.DGN

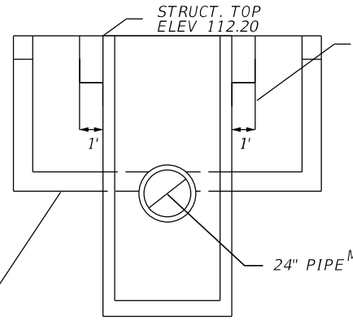




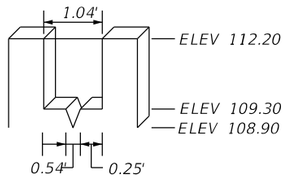
SECTION B-B
NTS



SKIMMER DETAIL
NTS

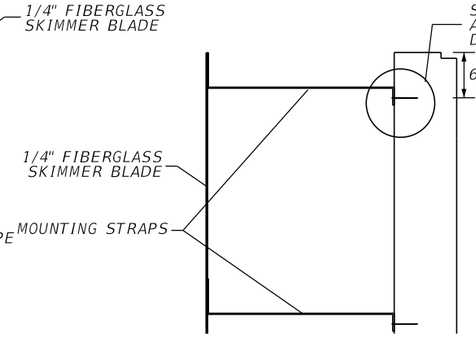


SECTION A-A
NTS

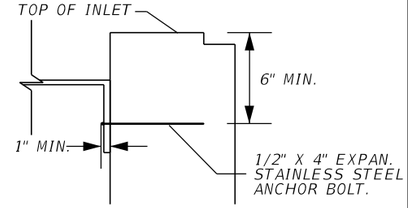


WEIR DETAIL
NTS

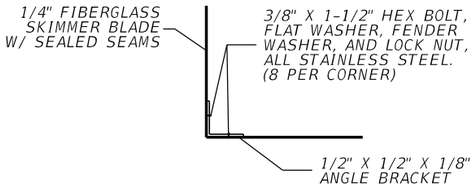
SKIMMER ATTACHMENT DETAILS



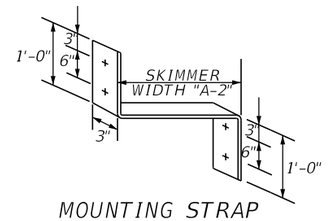
DETAIL "A"
NTS



DETAIL "B"
NTS



DETAIL "C"
NTS



MOUNTING STRAP
NTS

NOTE:
1. CONTRACTOR SHALL CUT A STAINLESS STEEL PLATE TO DIMENSION AS SHOWN ON TABLE. USE 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

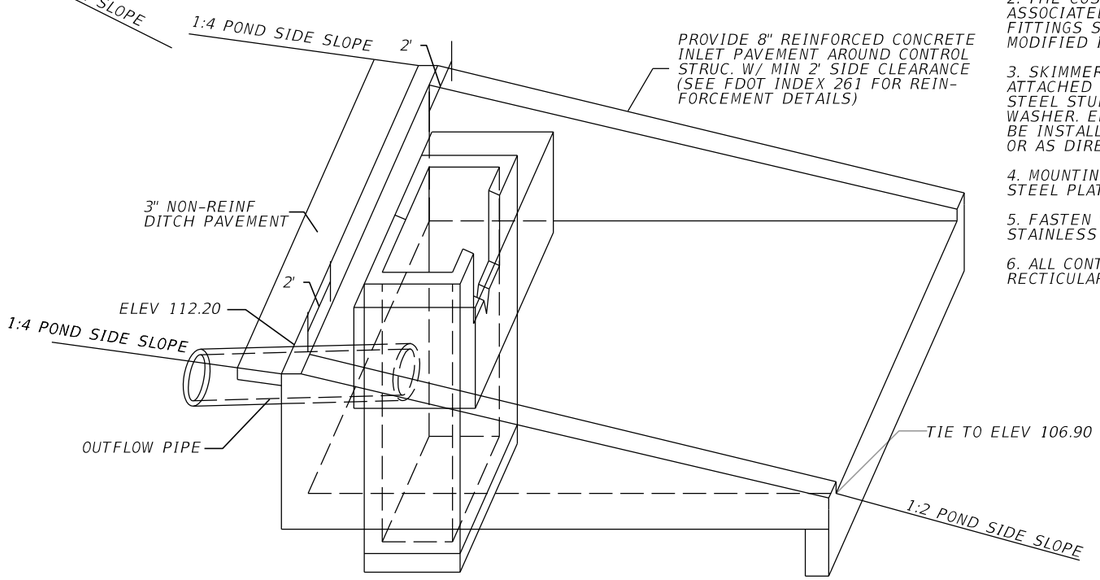
2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

3. SKIMMER ATTACHMENT NOTE: SKIMMER TO BE ATTACHED TO BACK OF STRUCTURE USING 3/8" STAINLESS STEEL STUD TYPE EXPANSION ANCHOR WITH NUT AND WASHER. EMBEDDED DEPTH TO BE 2-1/2". ANCHORS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS OR AS DIRECTED BY THE ENGINEER.

4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

5. FASTEN MOUNTING STRAP IN WITH 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

6. ALL CONTROL STRUCTURES SHALL HAVE STEEL RECTICULAR GRATES.



CONCRETE INLET PAVEMENT DETAIL
NTS

CONTROL STRUCTURE CSPND137C
CONST MODIFIED TYPE E DBI
@ SR SB535, STA 215+93.87, 311.68' LT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

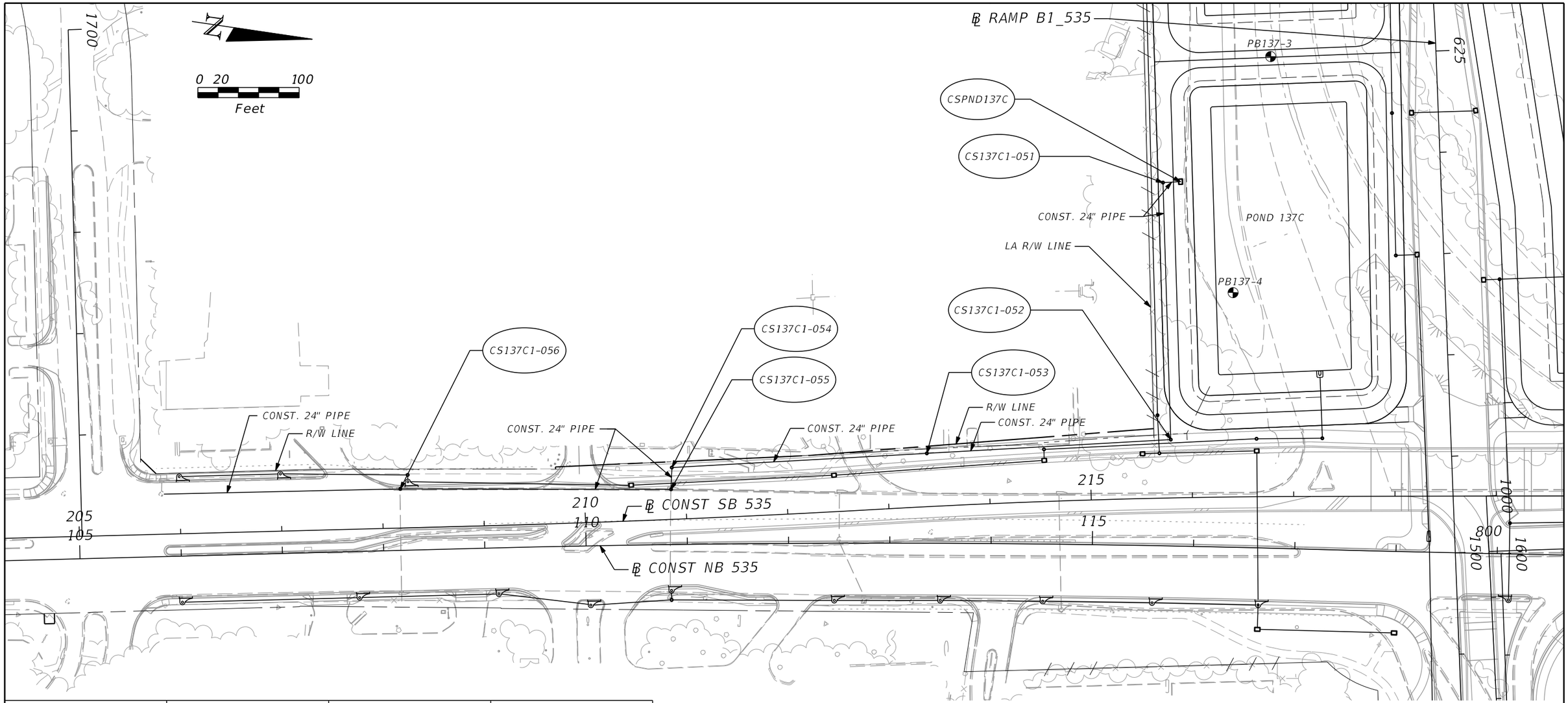
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL POND 137C

SHEET NO. 420

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/26/2021 7:13:20 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD02_POND137C_B.DGN



CSPND137C MODIFIED TYPE E REFER TO CONTROL STRUCTURE DETAIL FOR INFORMATION	CS137C1-051 ℄ SR SB535, STA 215+77.13, 311.16' LT MH TYPE 7 TOP ELE = 114.14 IN INV. = 108.80 (24") OUT INV. = 108.80 (24")	CS137C1-052 ℄ SR SB535, STA 215+79.71, 57.53' LT MH TYPE 7 TOP ELE = 114.98 IN INV. = 108.50 (24") OUT INV. = 108.50 (24")	CS137C1-053 ℄ SR SB535, STA 213+40.19, 52.54' LT MH TYPE 7 TOP ELE = 116.70 IN INV. = 108.30 (24") OUT INV. = 108.30 (24")
CS137C1-054 ℄ SR SB535 STA 210+87.44, 51.15' LT MH TYPE 7 TOP ELE = 115.90 IN INV. = 108.02 (24") OUT INV. = 108.02 (24)	CS137C1-055 ℄ SR SB535, STA 210+85.76, 29.76' LT MH TYPE 7 TOP ELE = 116.75 IN INV. = 108.00 (24") OUT INV. = 108.00 (24")	CS137C1-056 ℄ SR SB535, STA 208+17.98, 38.62' LT MH TYPE 7 TOP ELE = 113.80 IN INV. = 107.72 (24") OUT INV. = 107.72 (24")	

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

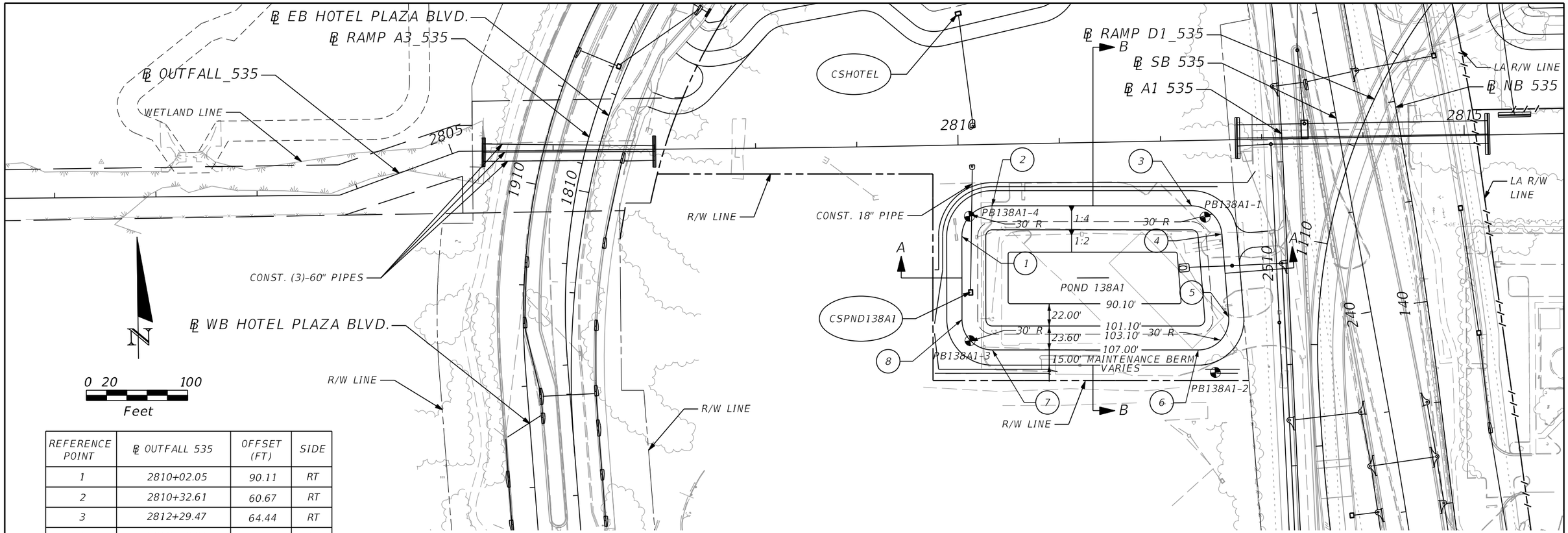
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND OUTFALL SYSTEM
POND 137C

SHEET NO. 421

glen.dvorovy 2/26/2021 7:13:27 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD02_POND137C_C.DGN



REFERENCE POINT	℄ OUTFALL 535	OFFSET (FT)	SIDE
1	2810+02.05	90.11	RT
2	2810+32.61	60.67	RT
3	2812+29.47	64.44	RT
4	2812+58.84	92.58	RT
5	2812+63.92	174.79	RT
6	2812+33.40	206.64	RT
7	2810+29.94	202.73	RT
8	2810+00.52	172.18	RT

LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER ELEVATION
⊕ = APPROXIMATE BORING LOCATION

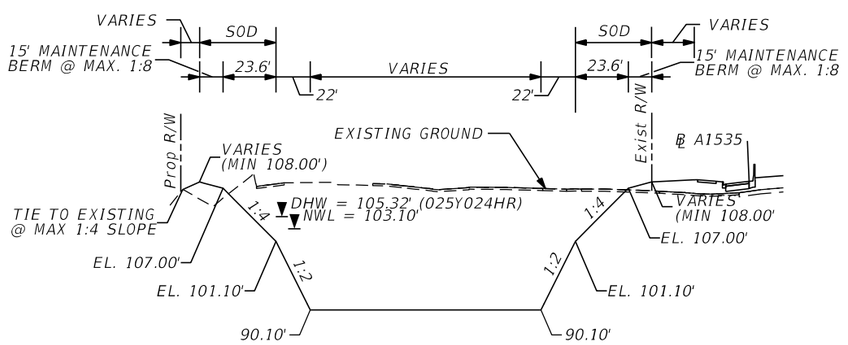
NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

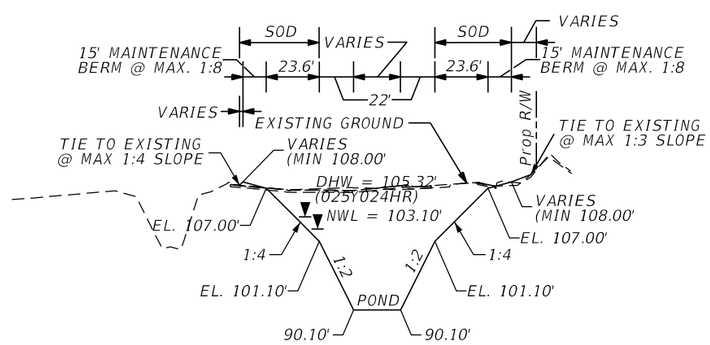
2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 30 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE AND SKIMMER INFORMATION.

POND 138A1
WET DETENTION POND
NWL = 103.10'
DHW = 105.32' (025Y024HR)



POND 138A1 SECTION A-A
NTS



POND 138A1 SECTION B-B
NTS

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
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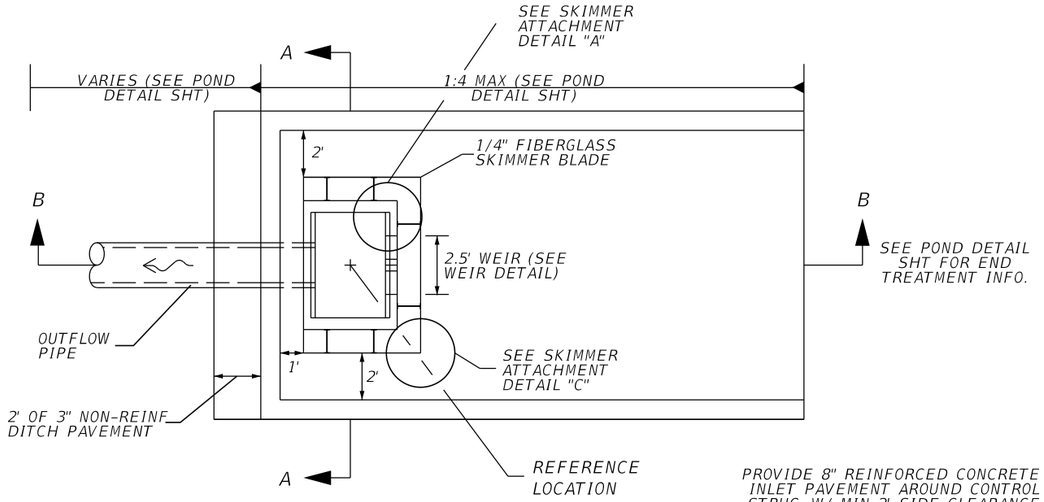
Certificate of Authorization No. 8115
www.aecom.com

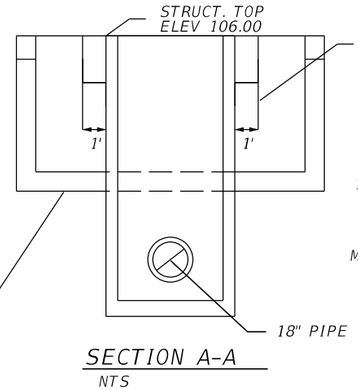
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

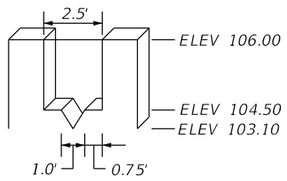
POND DETAIL
POND 138A1

SHEET NO. 422



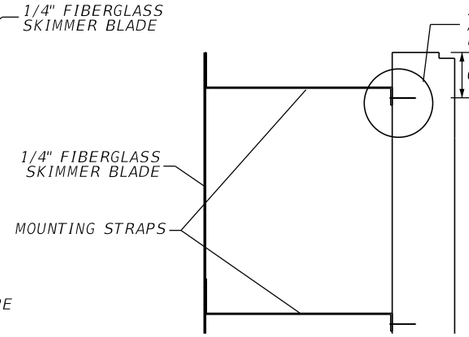


SECTION A-A
NTS

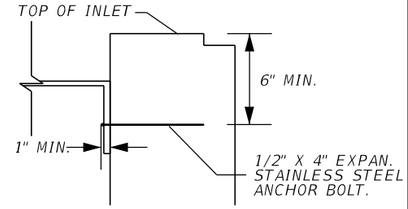


WEIR DETAIL
NTS

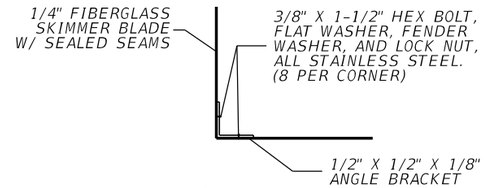
SKIMMER ATTACHMENT DETAILS



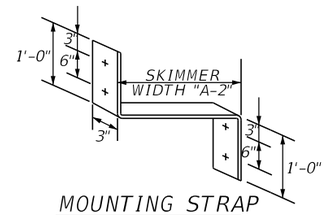
DETAIL "A"
NTS



DETAIL "B"
NTS



DETAIL "C"
NTS



MOUNTING STRAP
NTS

NOTE:
1. CONTRACTOR SHALL CUT A STAINLESS STEEL PLATE TO DIMENSION AS SHOWN ON TABLE. USE 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

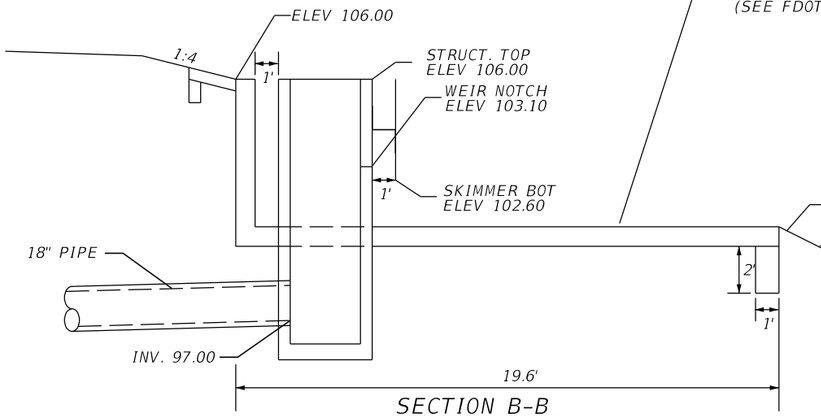
2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

3. SKIMMER ATTACHMENT NOTE: SKIMMER TO BE ATTACHED TO BACK OF STRUCTURE USING 3/8" STAINLESS STEEL STUD TYPE EXPANSION ANCHOR WITH NUT AND WASHER. EMBEDDED DEPTH TO BE 2-1/2". ANCHORS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS OR AS DIRECTED BY THE ENGINEER.

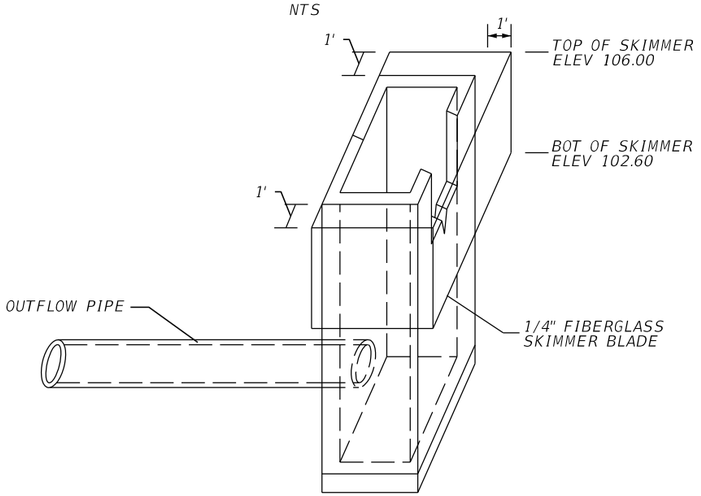
4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

5. FASTEN MOUNTING STRAP IN WITH 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

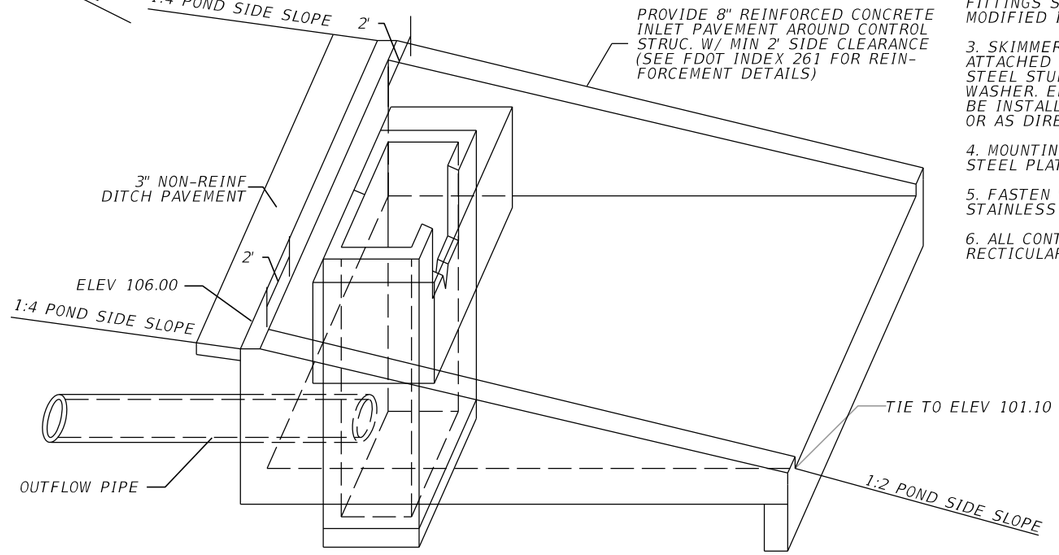
6. ALL CONTROL STRUCTURES SHALL HAVE STEEL RECTICULAR GRATES.



SECTION B-B
NTS



SKIMMER DETAIL
NTS



CONCRETE INLET PAVEMENT DETAIL
NTS

CONTROL STRUCTURE CSPND138A1
CONST MODIFIED TYPE E DBI
℄ OUTFALL 535, STA 2810+09.19, 145.42' RT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS
MES OUTFALLS AT
℄ OUTFALL 535, STA 2810+09.23, 9.62' RT

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

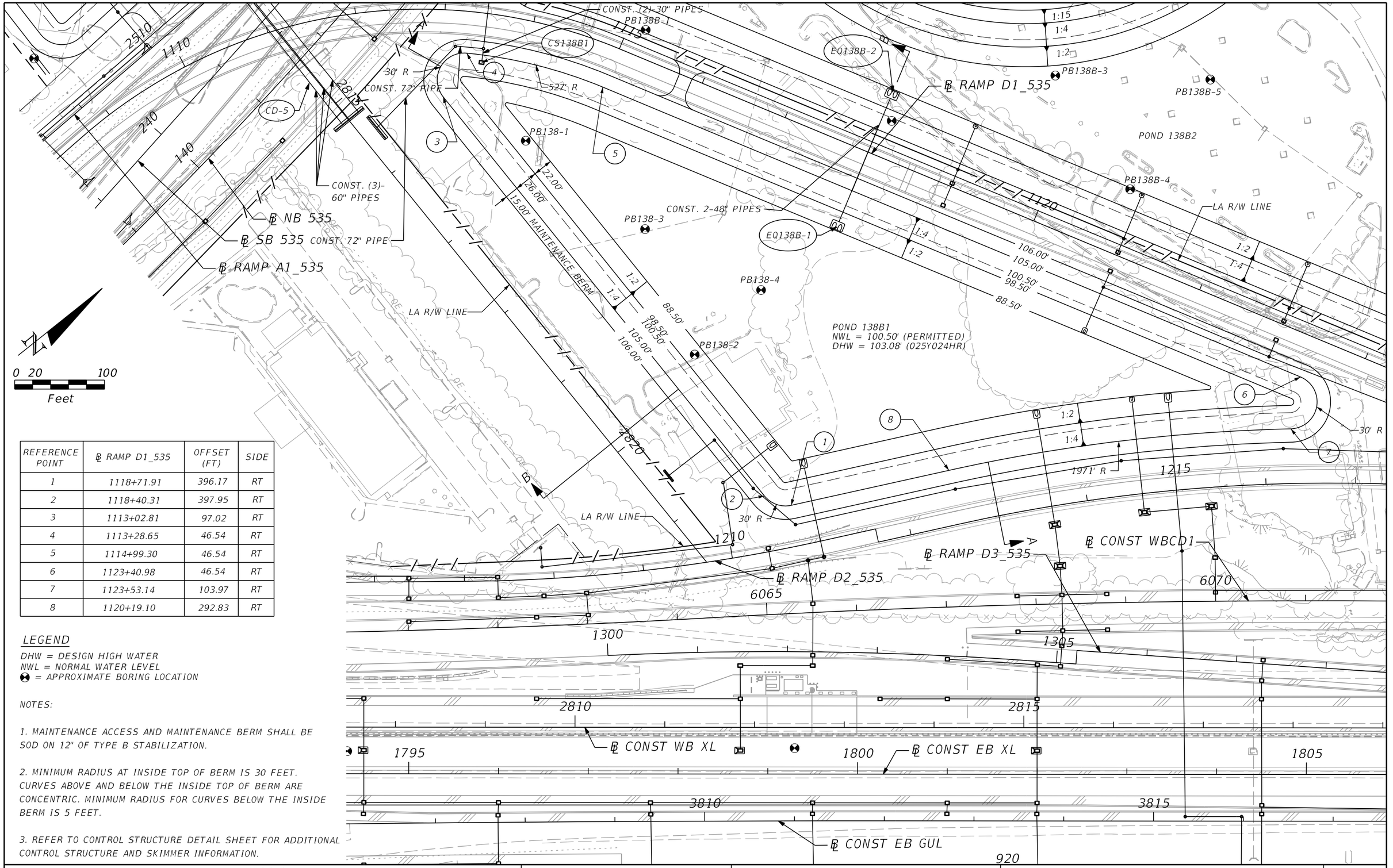
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL
POND 138A1

SHEET NO. 423

PRELIMINARY: NOT FOR CONSTRUCTION



REFERENCE POINT	℄ RAMP D1_535	OFFSET (FT)	SIDE
1	1118+71.91	396.17	RT
2	1118+40.31	397.95	RT
3	1113+02.81	97.02	RT
4	1113+28.65	46.54	RT
5	1114+99.30	46.54	RT
6	1123+40.98	46.54	RT
7	1123+53.14	103.97	RT
8	1120+19.10	292.83	RT

LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
⊠ = APPROXIMATE BORING LOCATION

NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 30 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE AND SKIMMER INFORMATION.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

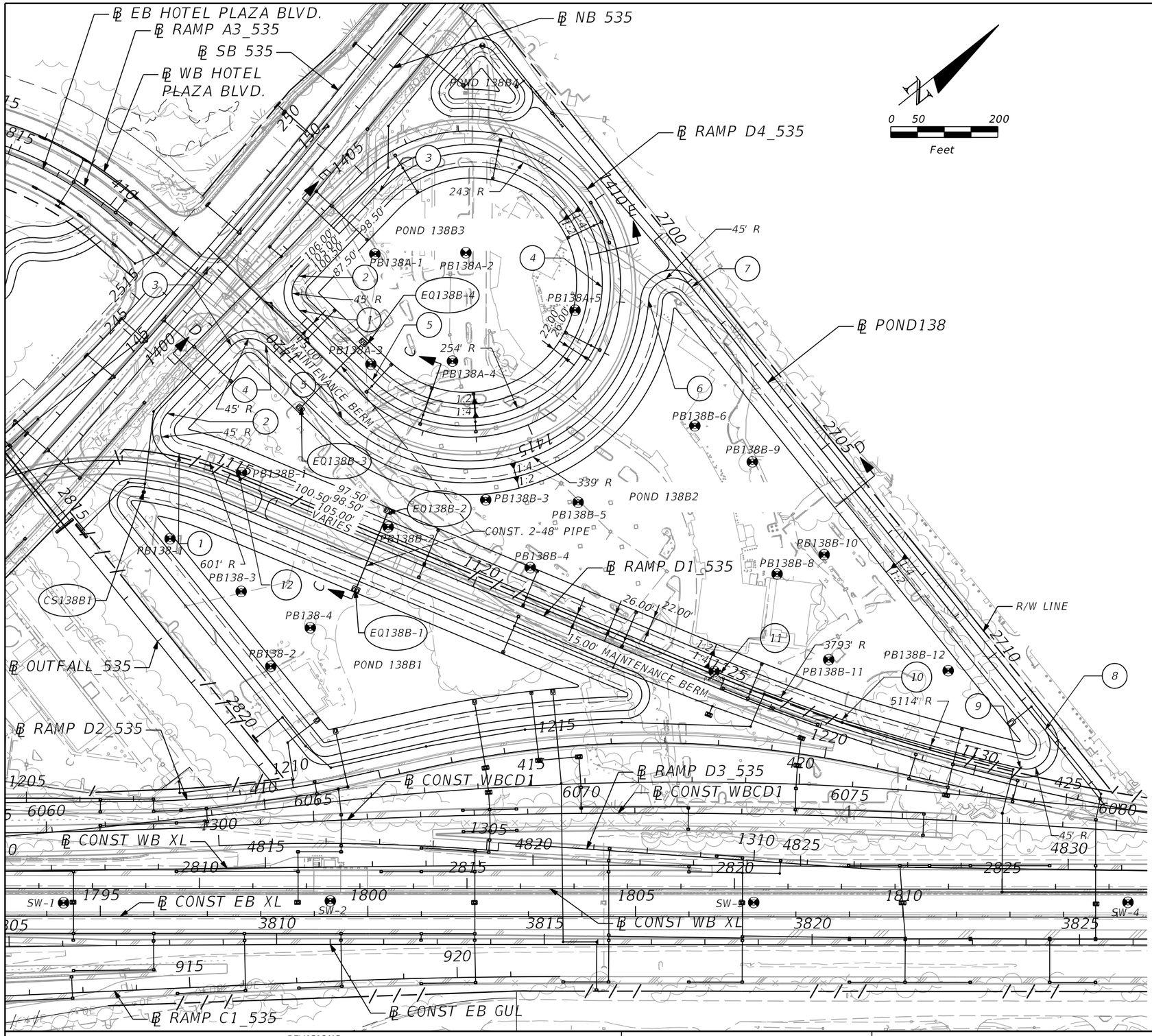
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND 138B1

SHEET NO. 424

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/26/2021 7:13:45 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD02_POND138B1_A.DGN



POND 138B3

REFERENCE POINT	℄ RAMP D4_535	OFFSET (FT)	SIDE
1	1420+27.94	33.33	RT
2	1402+79.66	49.72	RT
3	1404+97.77	47.48	RT
4	1411+73.32	34.32	RT
5	1418+38.91	33.33	RT

POND 138B2

REFERENCE POINT	℄ RAMP D1_535	OFFSET (FT)	SIDE
1	1114+01.89	27.54	LT
2	1113+68.86	96.81	LT
3	1114+37.69	246.94	LT
4	1114+79.04	268.39	LT
5	1116+53.91	196.28	LT
6	1120+98.17	619.64	LT
7	1121+62.57	673.31	LT
8	1131+11.02	113.63	LT
9	1130+82.86	33.15	LT
10	1127+34.21	27.33	LT
11	1124+89.17	27.33	LT
12	1115+15.15	27.33	LT

LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
⊠ = APPROXIMATE BORING LOCATION

NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 30 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

POND 138B2 & POND 138B3
WET DETENTION PONDS
NWL = 100.50' (PERMITTED)
DHW = 102.91' (025Y024HR)

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND 138B2 & 138B3

SHEET NO. 425

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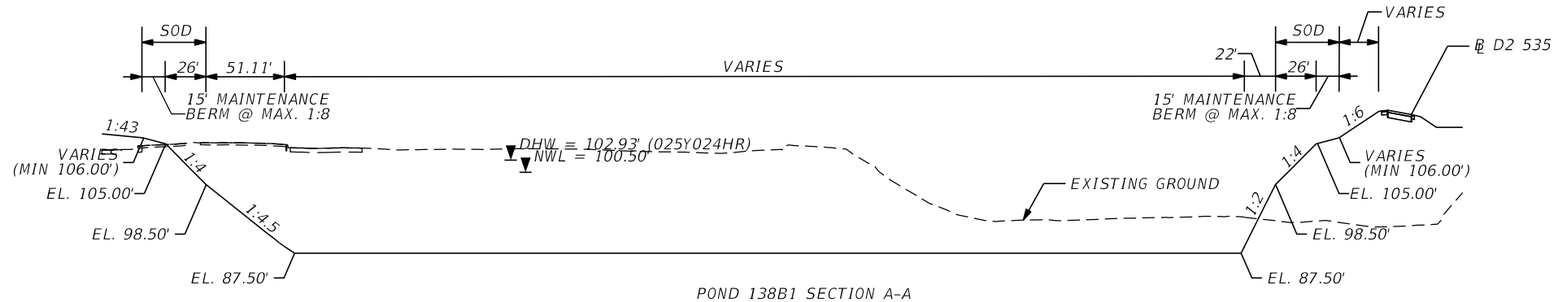
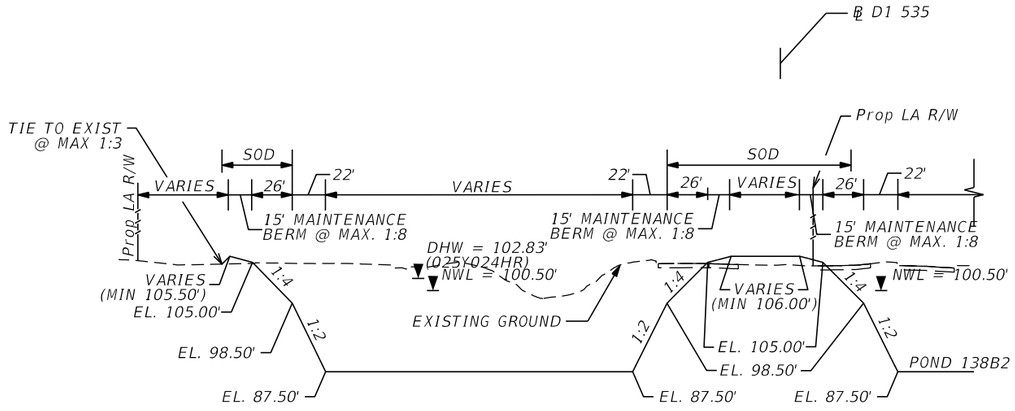


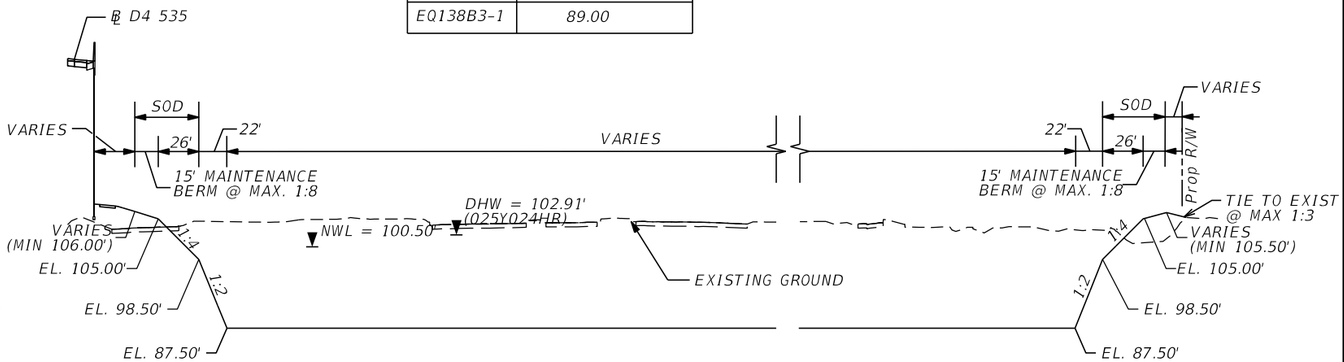
POND 138B1 SECTION A-A
NTS

EQUALIZER PIPES

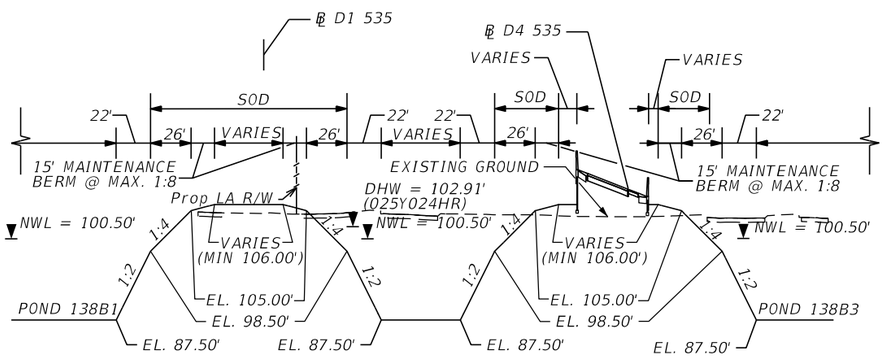
STRUCTURE	INVERT
EQ138B1-1	88.50
EQ138B2-1	89.00
EQ138B2-2	88.50
EQ138B3-1	89.00



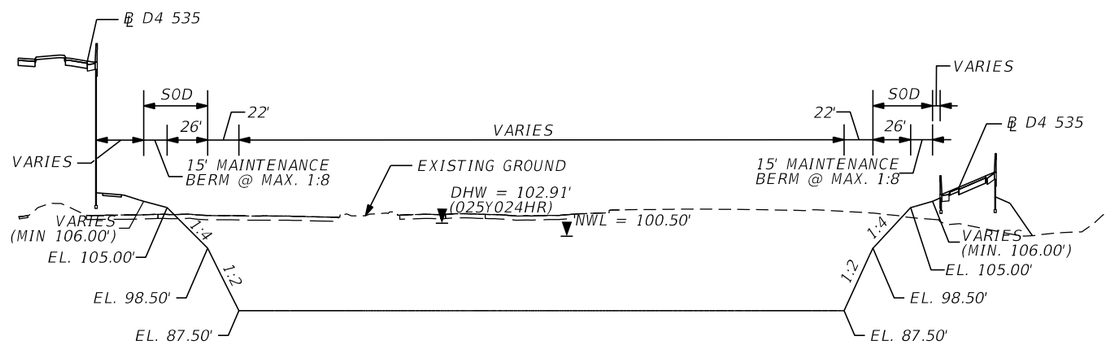
POND 138B1 SECTION B-B
NTS



POND 138B2 SECTION D-D
NTS



POND 138B2SECTION C-C
NTS



POND 138B3 SECTION E-E
NTS

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
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Certificate of Authorization No. 8115
www.aecom.com

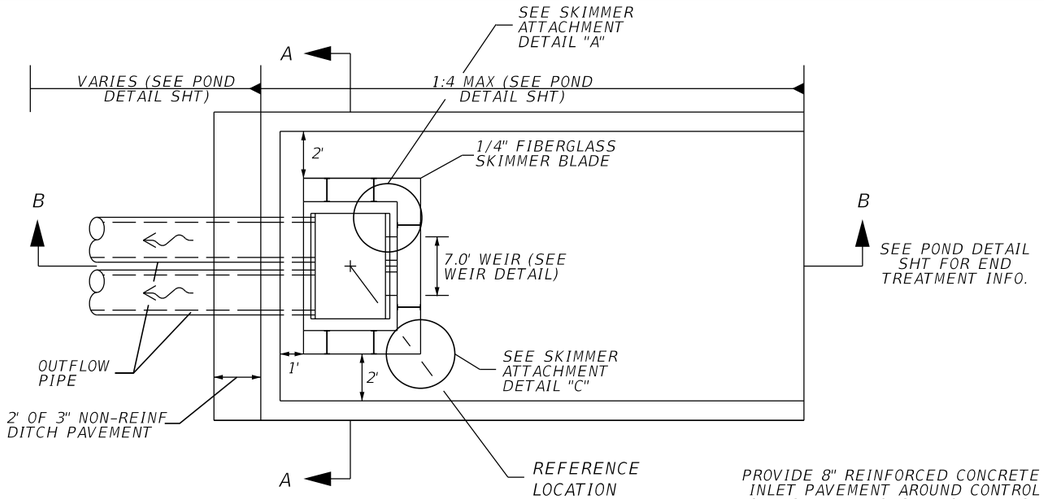
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

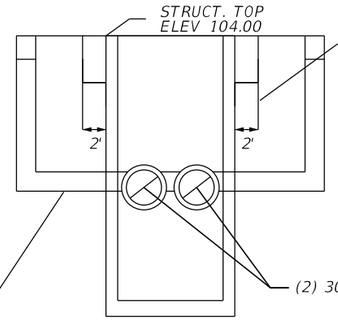
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND TYPICAL SECTIONS
POND 138B1 138B2 138B3

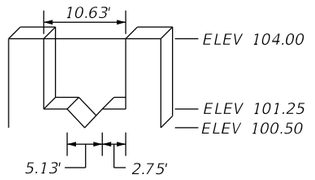
SHEET NO. 426

glen.dvorovy 2/26/2021 7:13:56 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD02_POND138B2B3B1_B.DGN



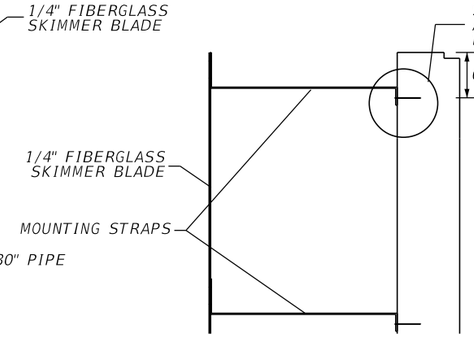


SECTION A-A
NTS

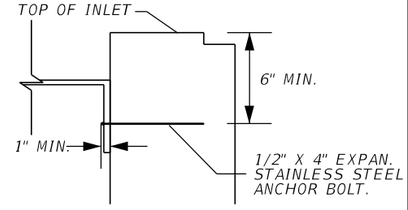


WEIR DETAIL
NTS

SKIMMER ATTACHMENT DETAILS



DETAIL "A"
NTS



DETAIL "B"
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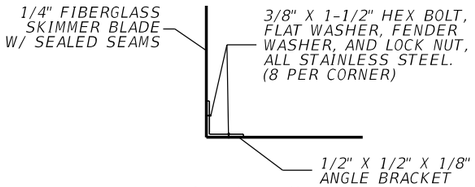

DETAIL "C"
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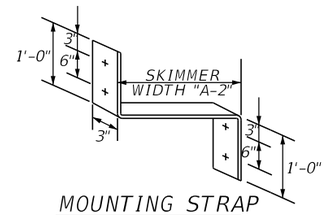


MOUNTING STRAP
NTS

NOTE:
1. CONTRACTOR SHALL CUT A STAINLESS STEEL PLATE TO DIMENSION AS SHOWN ON TABLE. USE 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

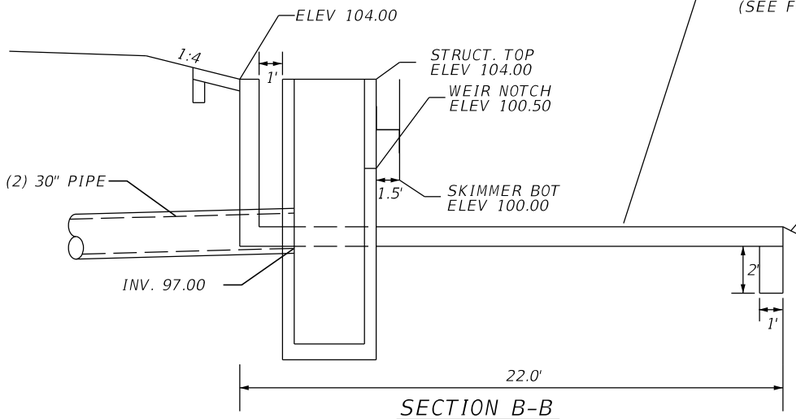
2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

3. SKIMMER ATTACHMENT NOTE: SKIMMER TO BE ATTACHED TO BACK OF STRUCTURE USING 3/8" STAINLESS STEEL STUD TYPE EXPANSION ANCHOR WITH NUT AND WASHER. EMBEDDED DEPTH TO BE 2-1/2". ANCHORS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS OR AS DIRECTED BY THE ENGINEER.

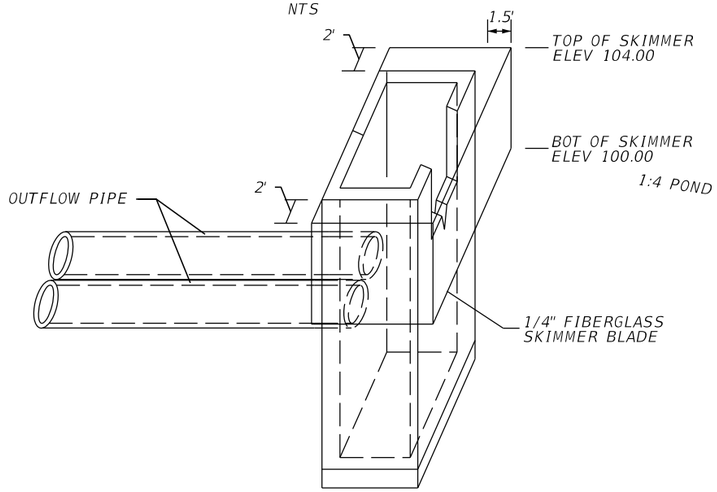
4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

5. FASTEN MOUNTING STRAP IN WITH 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

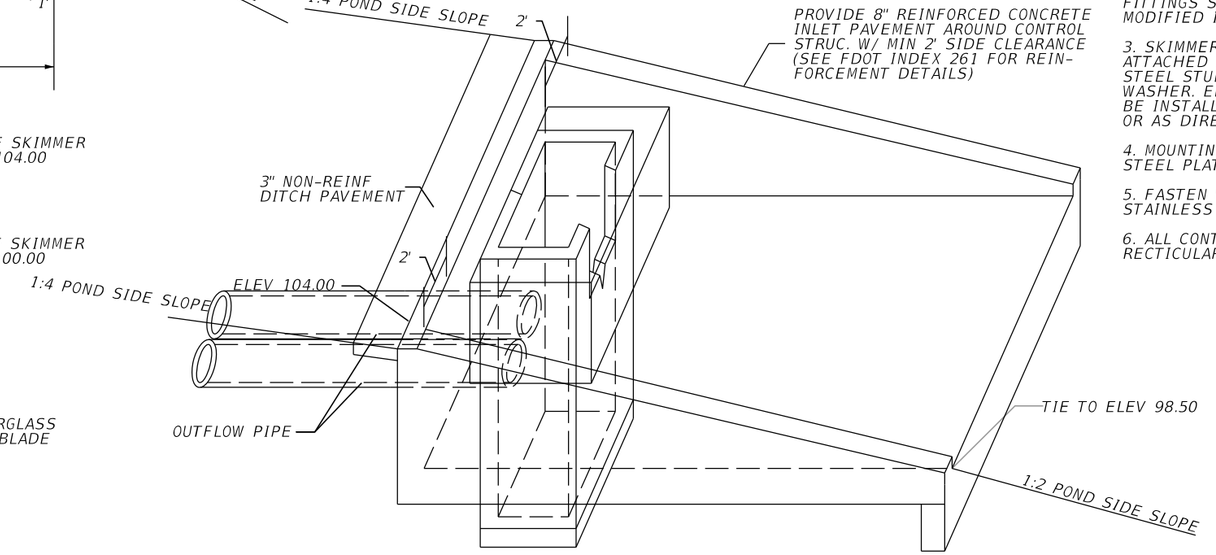
6. ALL CONTROL STRUCTURES SHALL HAVE STEEL RECTICULAR GRATES.



SECTION B-B
NTS



SKIMMER DETAIL
NTS



CONCRETE INLET PAVEMENT DETAIL
NTS

CONTROL STRUCTURE CS138B1-001
CONST MODIFIED TYPE H DBI W/ 4 GRATES
℄ OUTFALL 535, STA 2816+05.44, 105.15' LT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS
MES OUTFALLS AT
℄ OUTFALL 535, STA 2816+05.44, 31.73 LT

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

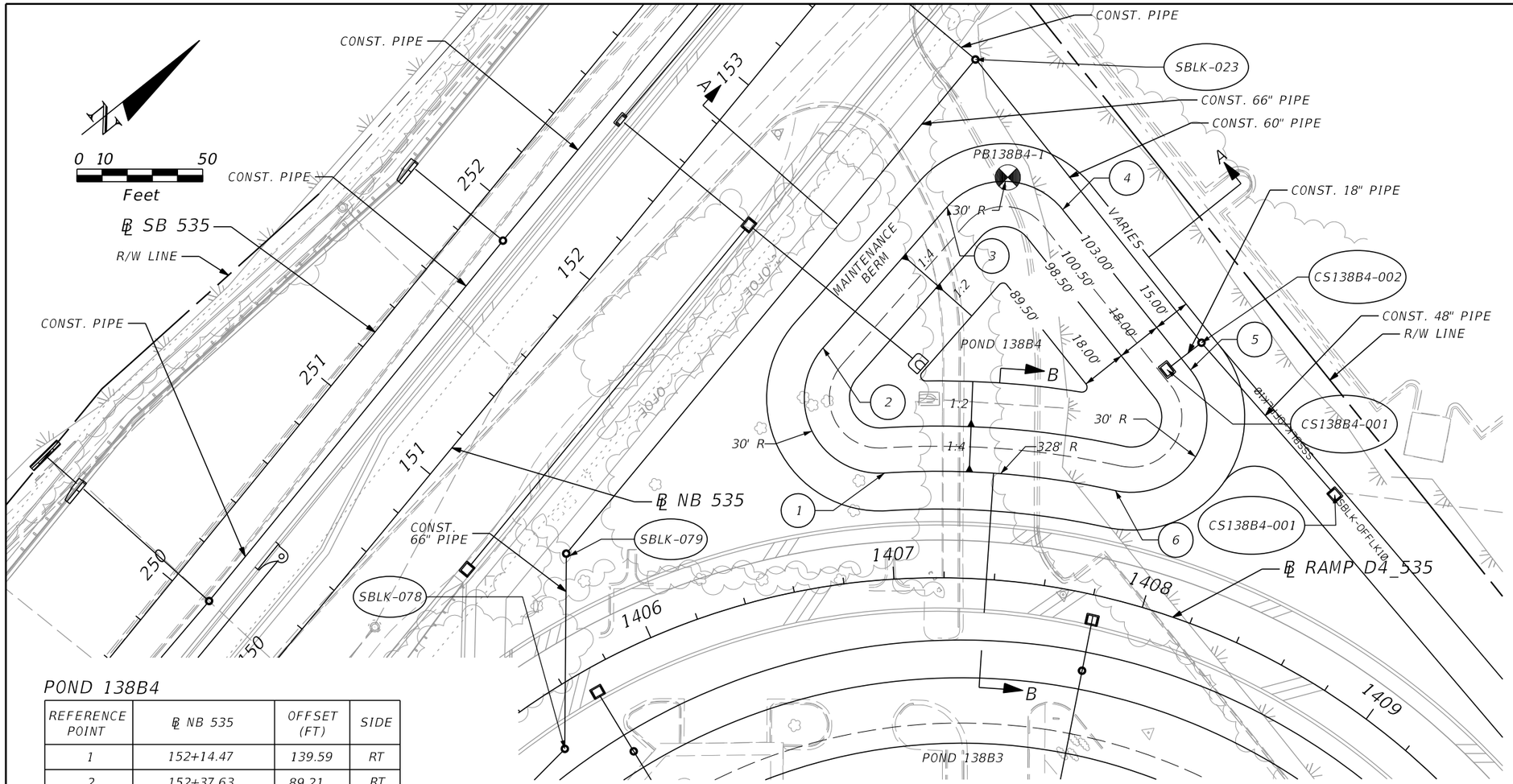
AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL
POND 138B1

SHEET NO. 427



POND 138B4 OUTFALL SYSTEM

CS138B4-001 MODIFIED TYPE E REFER TO CONTROL STRUCTURE DETAIL FOR INFORMATION	CS138B4-002 ℄ RAMP D4_535 STA 1407+94.64, 107.70' LT MH TYPE 7 TOP ELE = 103.68 IN INV. = 96.55 (18") IN INV. = 95.36 (48") OUT INV. = 94.30 (60")
SBLK-023 ℄ NB535, STA 153+65.64, 62.99' RT MH TYPE 7 TOP ELE = 103.79 IN INV. = 94.26 (60") OUT INV. = 93.76 (66")	SBLK-079 ℄ SR NB535, STA 151+10.00, 61.85' RT MH TYPE 7 TOP ELE = 106.67 IN INV. = 93.68 (66") OUT INV. = 93.68 (66")
SBLK-078 ℄ SR NB535, STA 150+50.00, 110.85' RT MH TYPE 7 TOP ELE = 106.86 IN INV. = 93.66 (66") OUT INV. = 93.66 (66")	SBLK-077 MH TYPE 8 REFER TO ICPR REPORT FOR INFORMATION
SBLK-OFFLK10 ℄ RAMP D4_535 STA 1408+49.01, 69.90' RT DBI TYPE E TOP ELE = 103.79 IN INV. = 97.39 (29"X45") OUT INV. = 95.40 (48")	

POND 138B4

REFERENCE POINT	℄ NB 535	OFFSET (FT)	SIDE
1	152+14.47	139.59	RT
2	152+37.63	89.21	RT
3	153+12.95	91.80	RT
4	153+41.73	127.90	RT
5	153+24.89	207.72	RT
6	152+67.67	215.17	RT

LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
⊠ = APPROXIMATE BORING LOCATION

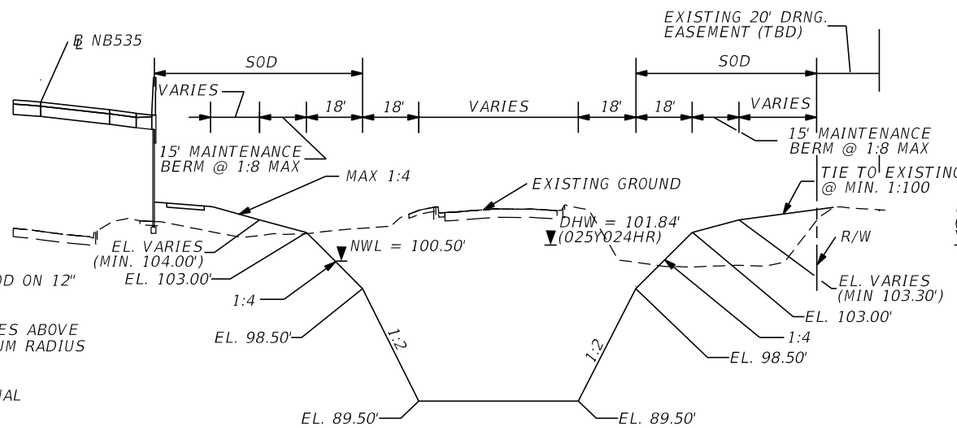
NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

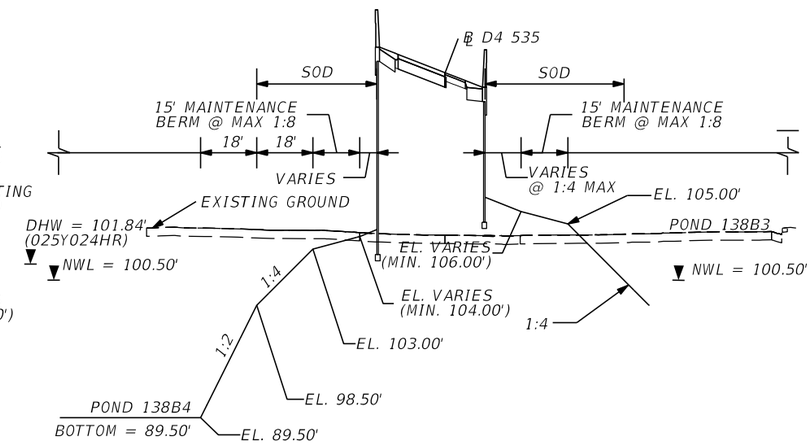
2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 30 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE AND SKIMMER INFORMATION.

POND 138B4
WET DETENTION POND
NWL = 100.50' (PERMITTED)
DHW = 101.84' (025Y024HR)



POND 138B4 SECTION A-A
NTS



POND 138B4 SECTION B-B
NTS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND 138B4

SHEET NO. 428

PRELIMINARY: NOT FOR CONSTRUCTION

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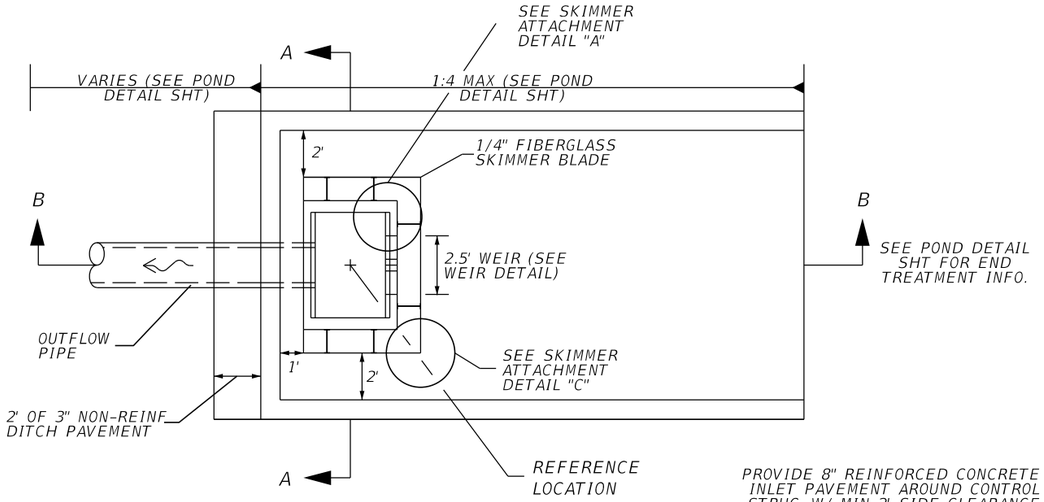
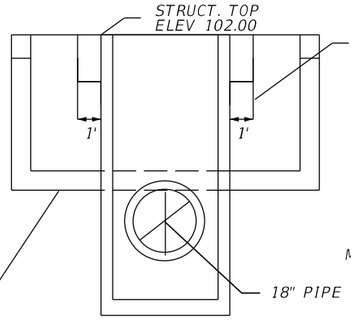
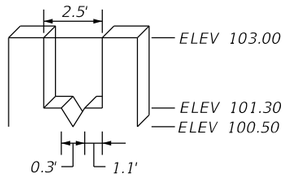


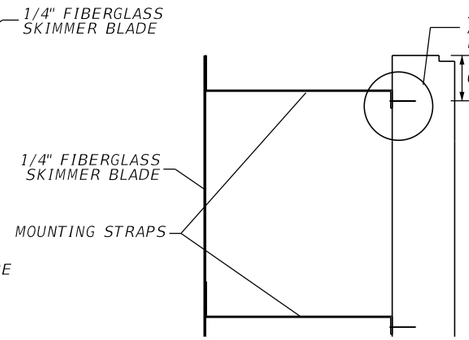


SECTION A-A
NTS



WEIR DETAIL
NTS

SKIMMER ATTACHMENT DETAILS



DETAIL "A"
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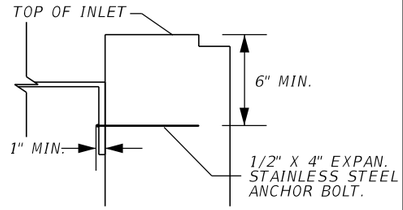

DETAIL "B"
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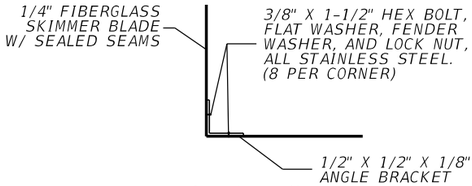

DETAIL "C"
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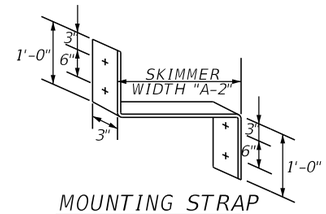


MOUNTING STRAP
NTS

NOTE:
1. CONTRACTOR SHALL CUT A STAINLESS STEEL PLATE TO DIMENSION AS SHOWN ON TABLE. USE 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

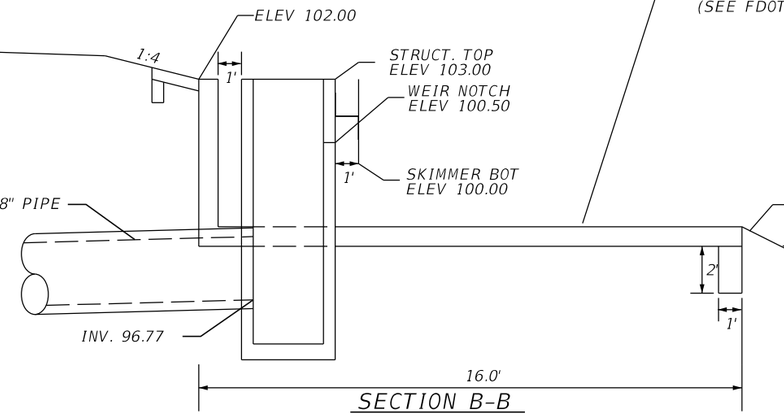
2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

3. SKIMMER ATTACHMENT NOTE: SKIMMER TO BE ATTACHED TO BACK OF STRUCTURE USING 3/8" STAINLESS STEEL STUD TYPE EXPANSION ANCHOR WITH NUT AND WASHER. EMBEDDED DEPTH TO BE 2-1/2". ANCHORS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS OR AS DIRECTED BY THE ENGINEER.

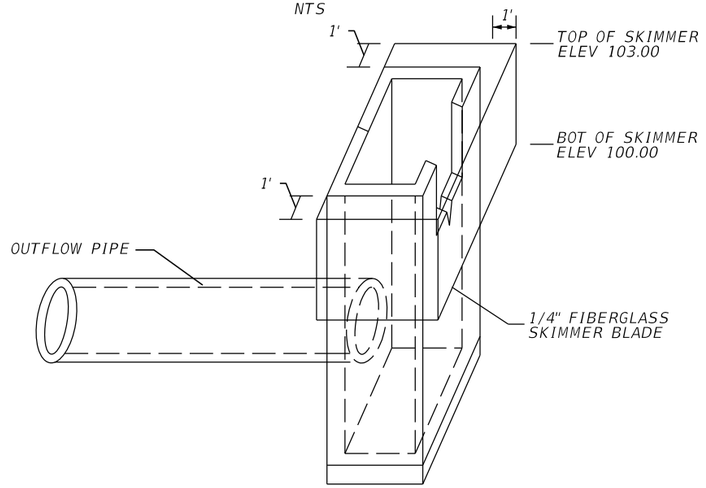
4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

5. FASTEN MOUNTING STRAP IN WITH 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

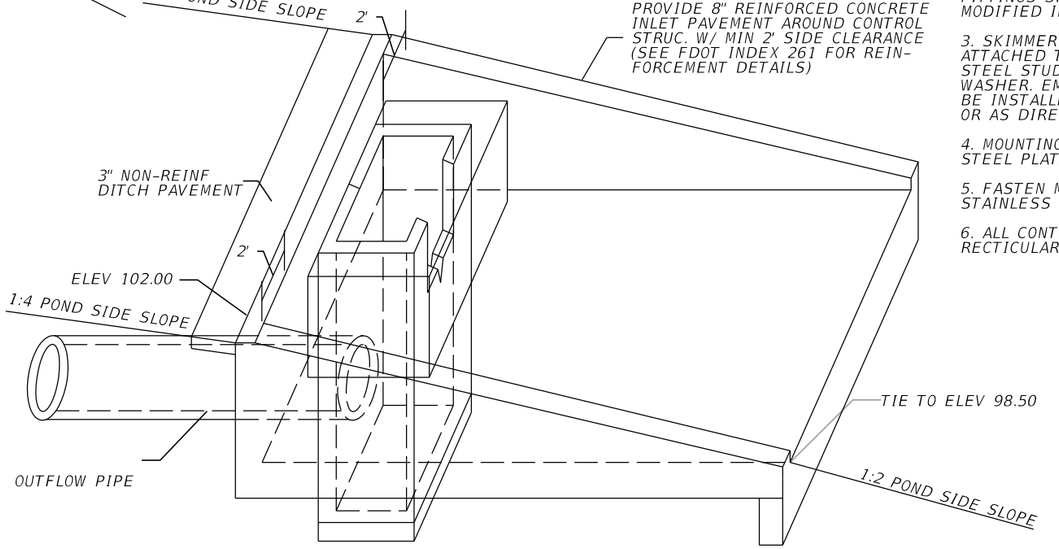
6. ALL CONTROL STRUCTURES SHALL HAVE STEEL RECTICULAR GRATES.



SECTION B-B
NTS



SKIMMER DETAIL
NTS



CONCRETE INLET PAVEMENT DETAIL
NTS

CONTROL STRUCTURE CS138B4-001
CONST MODIFIED TYPE E DBI
@ RAMP D4_535, STA 1407+86.83, 93.88' LT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL POND 138B4

SHEET NO. 429

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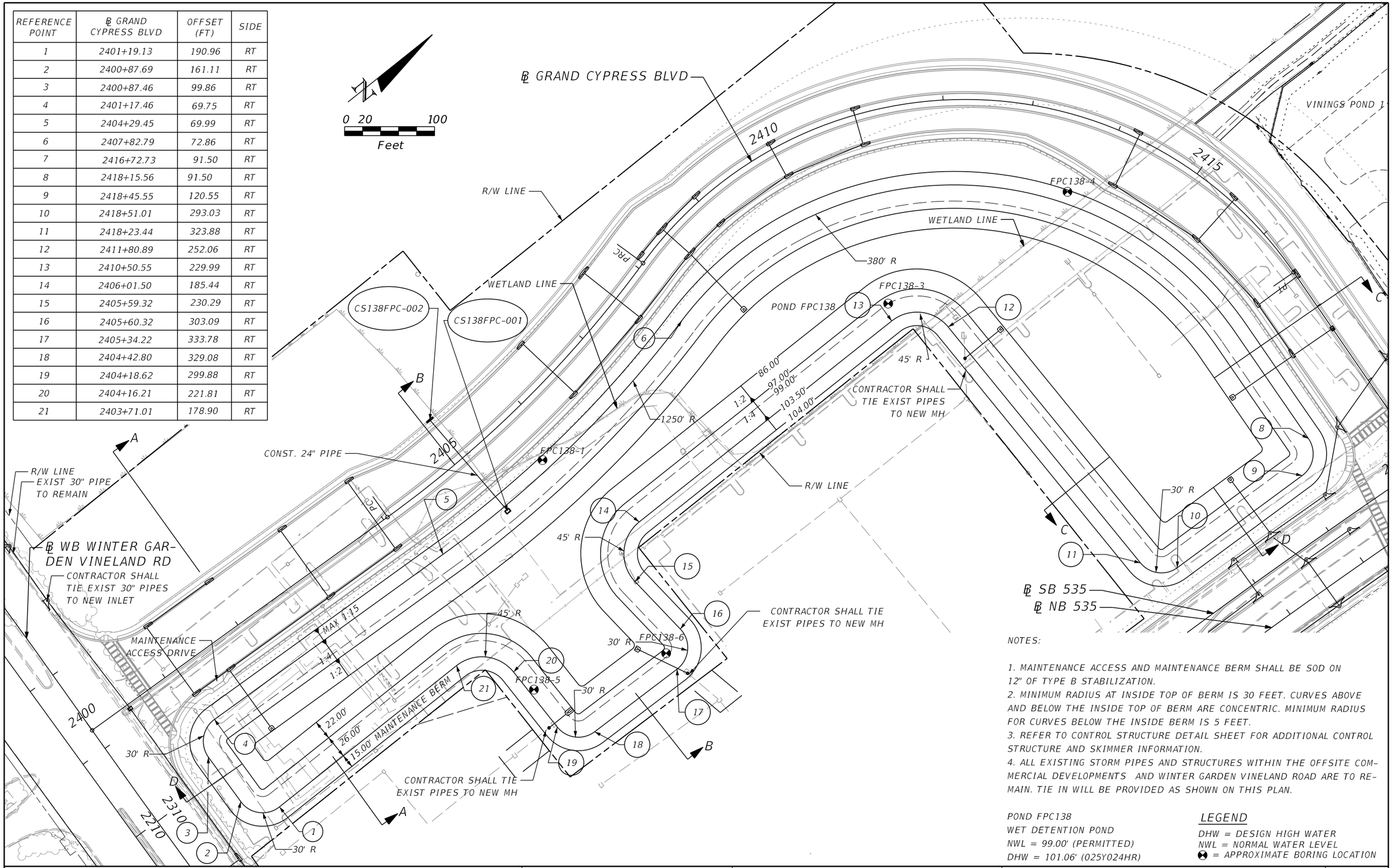
PRELIMINARY: NOT FOR CONSTRUCTION

REFERENCE POINT	℄ GRAND CYPRESS BLVD	OFFSET (FT)	SIDE
1	2401+19.13	190.96	RT
2	2400+87.69	161.11	RT
3	2400+87.46	99.86	RT
4	2401+17.46	69.75	RT
5	2404+29.45	69.99	RT
6	2407+82.79	72.86	RT
7	2416+72.73	91.50	RT
8	2418+15.56	91.50	RT
9	2418+45.55	120.55	RT
10	2418+51.01	293.03	RT
11	2418+23.44	323.88	RT
12	2411+80.89	252.06	RT
13	2410+50.55	229.99	RT
14	2406+01.50	185.44	RT
15	2405+59.32	230.29	RT
16	2405+60.32	303.09	RT
17	2405+34.22	333.78	RT
18	2404+42.80	329.08	RT
19	2404+18.62	299.88	RT
20	2404+16.21	221.81	RT
21	2403+71.01	178.90	RT



NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.
2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 30 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.
3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE AND SKIMMER INFORMATION.
4. ALL EXISTING STORM PIPES AND STRUCTURES WITHIN THE OFFSITE COMMERCIAL DEVELOPMENTS AND WINTER GARDEN VINELAND ROAD ARE TO REMAIN. TIE IN WILL BE PROVIDED AS SHOWN ON THIS PLAN.

POND FPC138
WET DETENTION POND
NWL = 99.00' (PERMITTED)
DHW = 101.06' (025Y024HR)

LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
☢ = APPROXIMATE BORING LOCATION

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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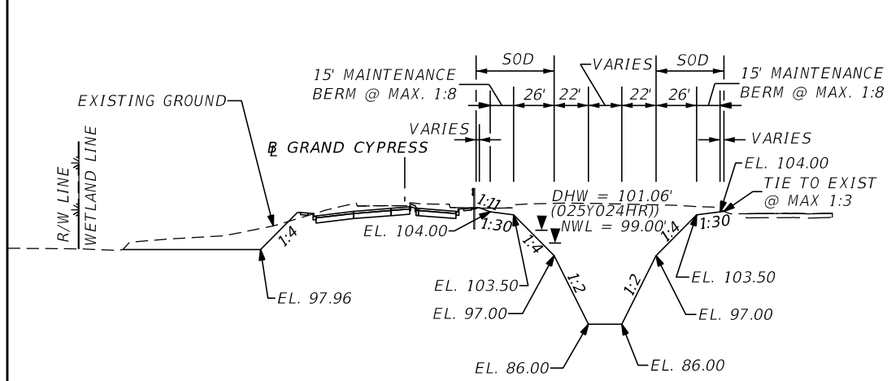
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

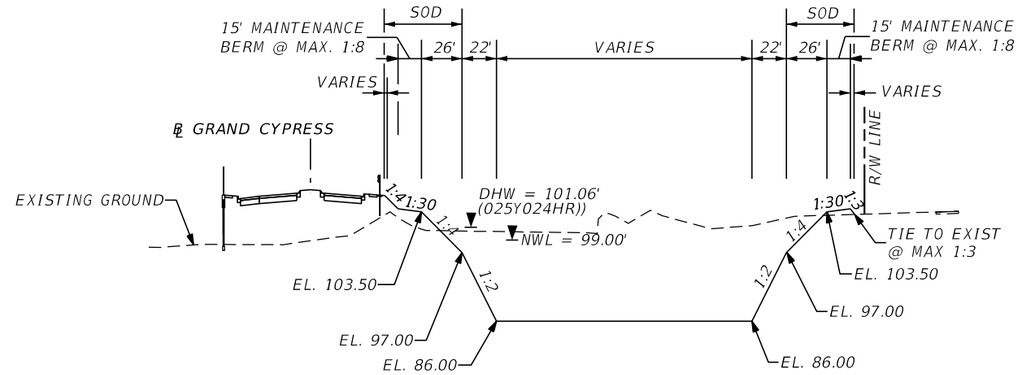
POND DETAIL
POND FPC138

SHEET NO. 430

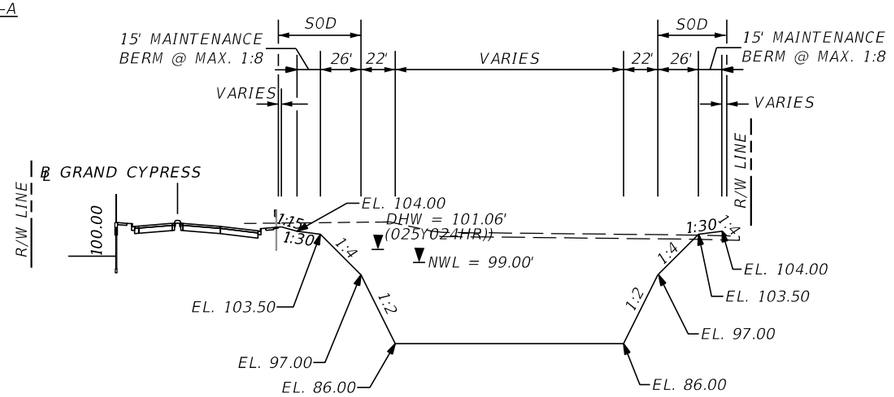
glen.dvorovy 2/26/2021 7:14:19 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD02_POND138FPC_A.DGN



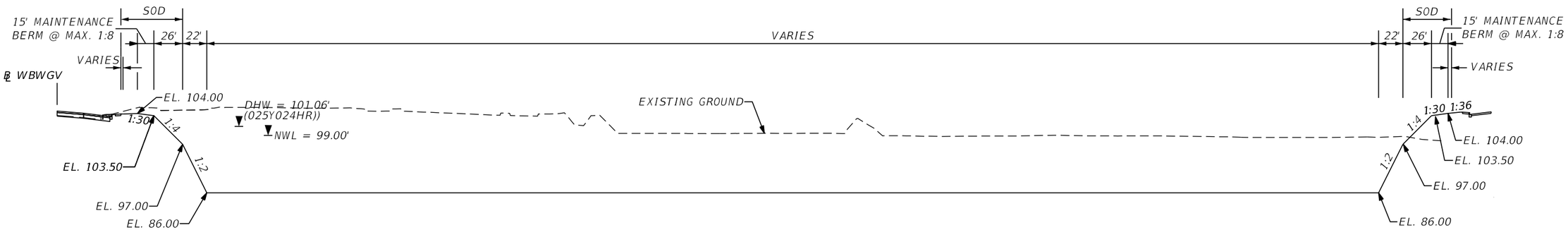
POND FPC138 SECTION A-A
NTS



POND FPC138 SECTION B-B
NTS



POND FPC138 SECTION C-C
NTS



POND FPC138 SECTION D-D
NTS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

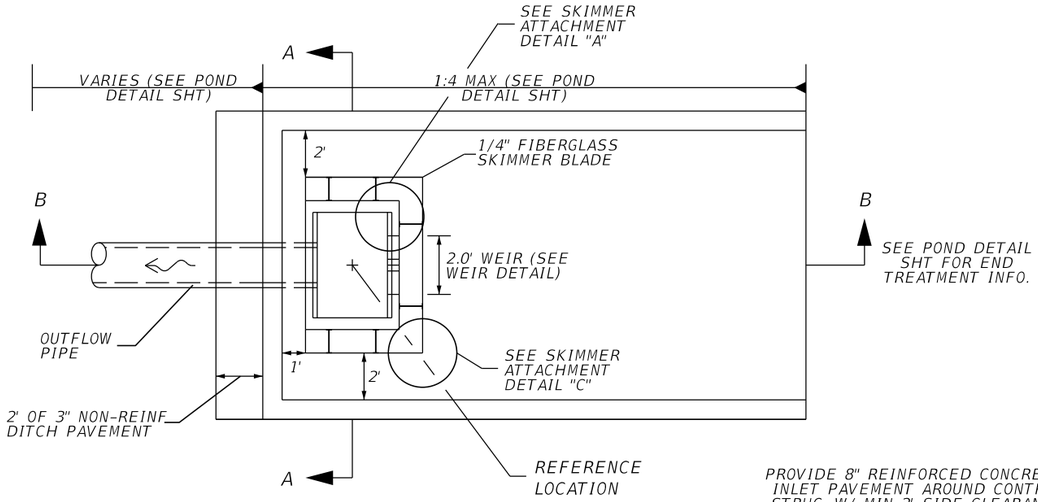
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

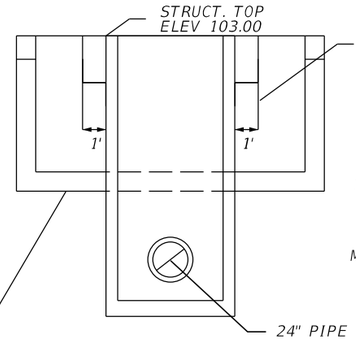
POND TYPICAL SECTIONS
FPC 138

SHEET NO.
431

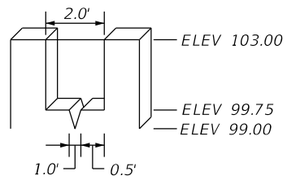
PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/26/2021 7:14:28 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD02_POND138FPC_B.DGN



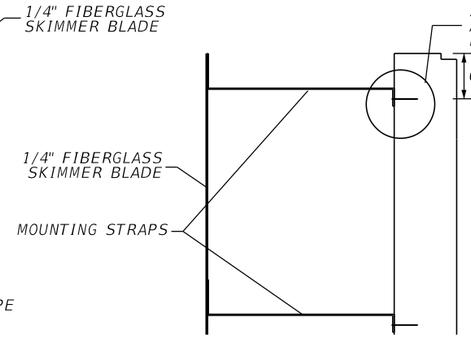


SECTION A-A
NTS



WEIR DETAIL
NTS

SKIMMER ATTACHMENT DETAILS



DETAIL "A"
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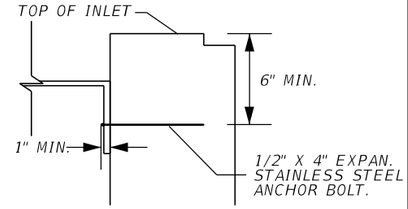

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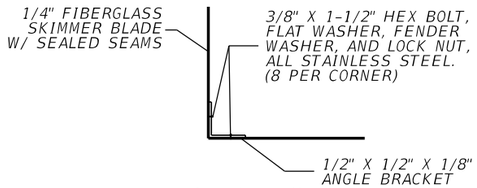
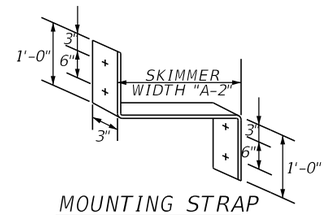


DETAIL "C"
NTS



MOUNTING STRAP
NTS

NOTE:
1. CONTRACTOR SHALL CUT A STAINLESS STEEL PLATE TO DIMENSION AS SHOWN ON TABLE. USE 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

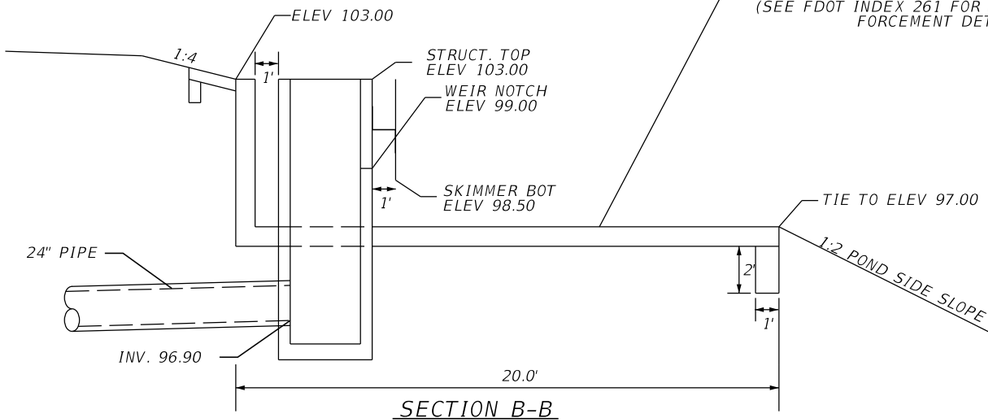
2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

3. SKIMMER ATTACHMENT NOTE: SKIMMER TO BE ATTACHED TO BACK OF STRUCTURE USING 3/8" STAINLESS STEEL STUD TYPE EXPANSION ANCHOR WITH NUT AND WASHER. EMBEDDED DEPTH TO BE 2-1/2". ANCHORS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS OR AS DIRECTED BY THE ENGINEER.

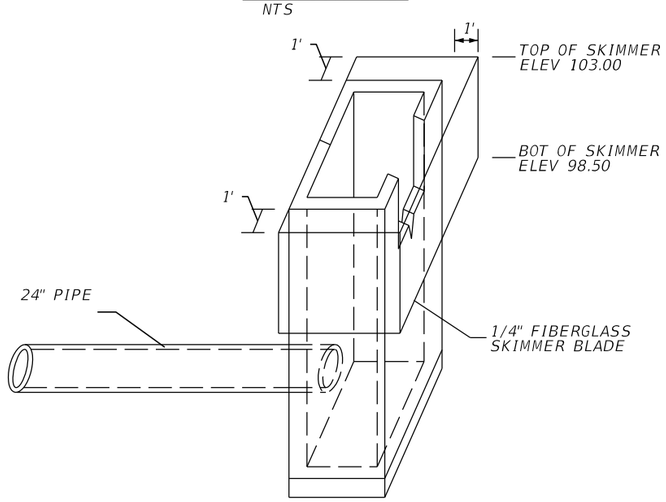
4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

5. FASTEN MOUNTING STRAP IN WITH 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

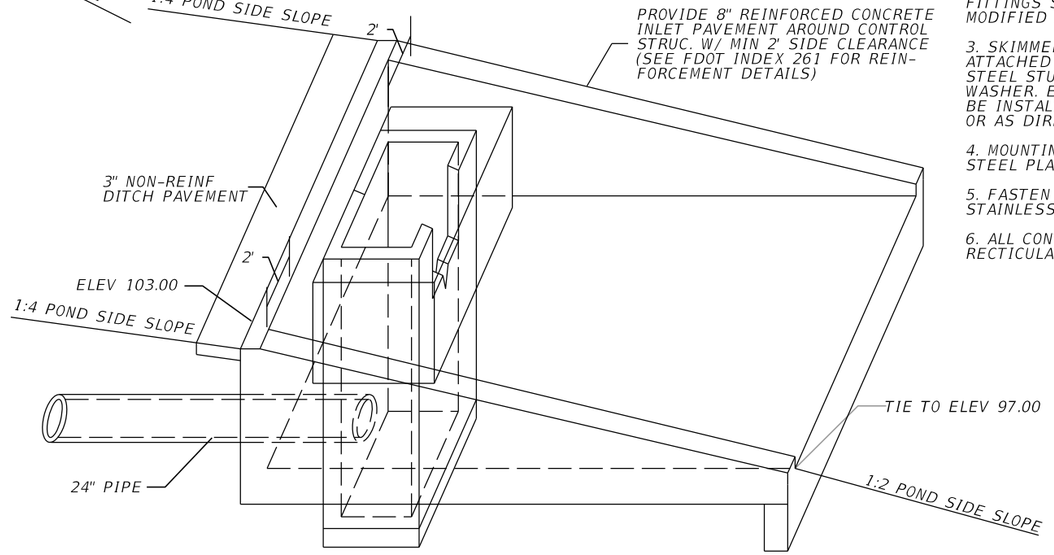
6. ALL CONTROL STRUCTURES SHALL HAVE STEEL RECTICULAR GRATES.



SECTION B-B
NTS



SKIMMER DETAIL
NTS



CONCRETE INLET PAVEMENT DETAIL
NTS

CONTROL STRUCTURE CS138FPC-001
CONST MODIFIED TYPE E DBI
@ GRAND CYPRESS, STA 2405+25.91, 102.69' RT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS
MES OUTFALLS AT
@ GRAND CYPRESS, STA 2405+29.48, 148.33' RT

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

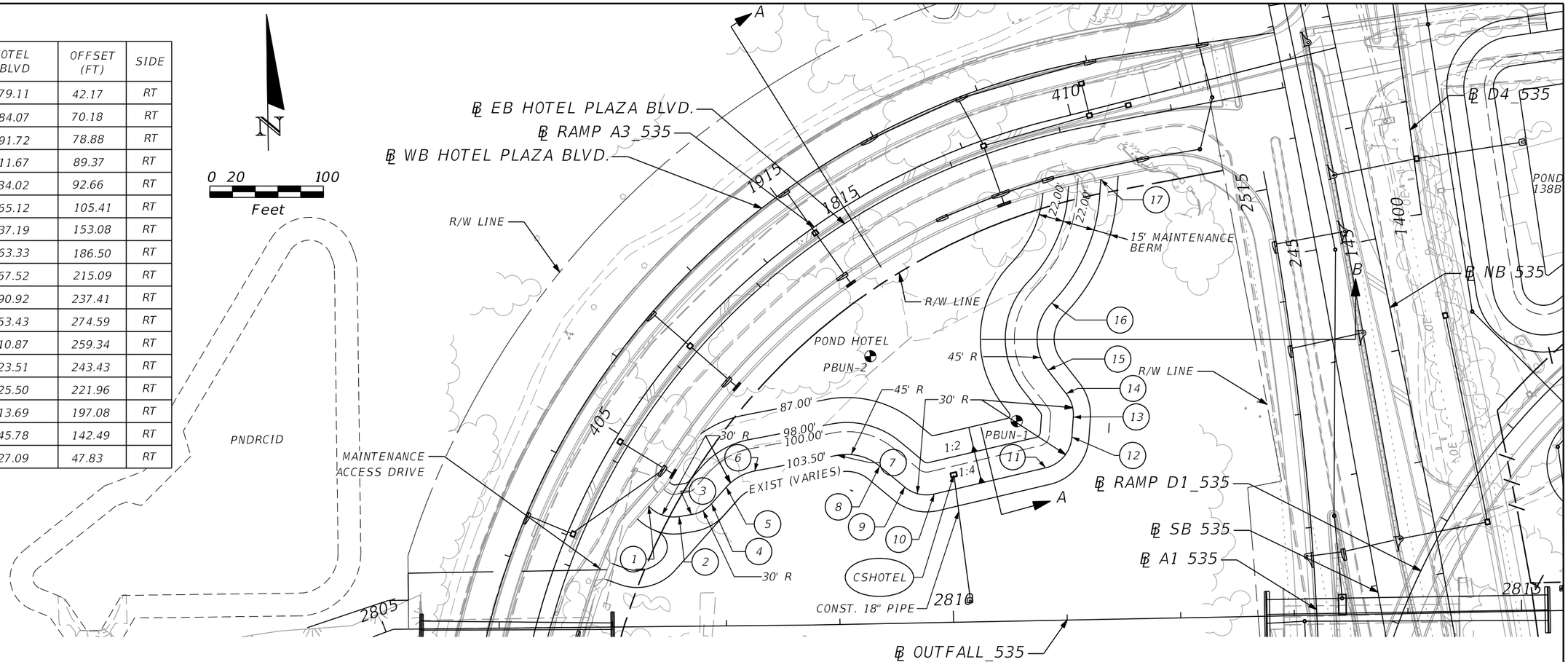
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL
FPC 138

SHEET NO. 432

REFERENCE POINT	℄ EB HOTEL PLAZA BLVD	OFFSET (FT)	SIDE
1	1811+79.11	42.17	RT
2	1811+84.07	70.18	RT
3	1811+91.72	78.88	RT
4	1812+11.67	89.37	RT
5	1812+34.02	92.66	RT
6	1812+65.12	105.41	RT
7	1813+37.19	153.08	RT
8	1813+63.33	186.50	RT
9	1813+67.52	215.09	RT
10	1813+90.92	237.41	RT
11	1815+53.43	274.59	RT
12	1816+10.87	259.34	RT
13	1816+23.51	243.43	RT
14	1816+25.50	221.96	RT
15	1816+13.69	197.08	RT
16	1816+45.78	142.49	RT
17	1817+27.09	47.83	RT



LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
⊗ = APPROXIMATE BORING LOCATION

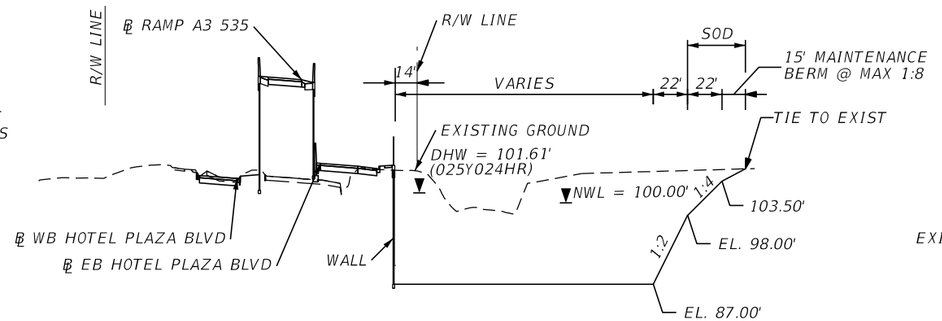
NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

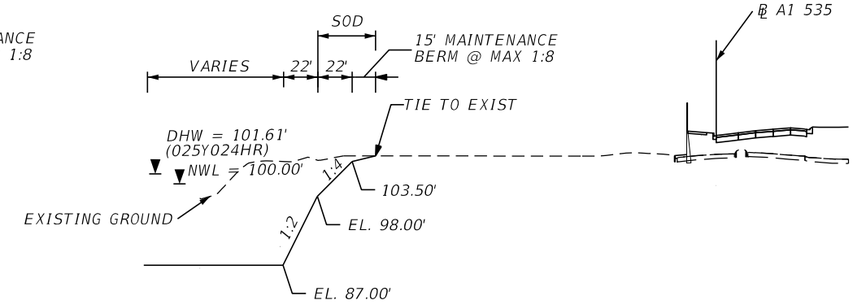
2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 30 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE AND SKIMMER INFORMATION.

POND HOTEL
WET DETENTION POND
NWL = 100.00'
DHW = 101.61' (025Y024HR)



POND HOTEL SECTION A-A
NTS



POND HOTEL SECTION B-B
NTS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

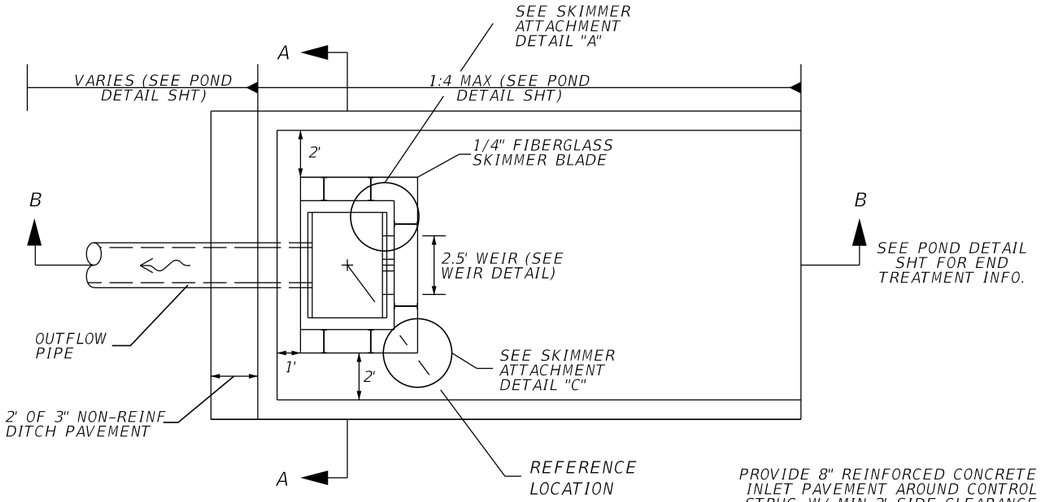
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

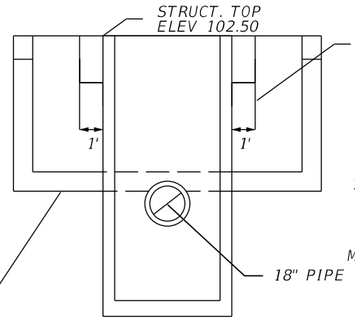
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND HOTEL

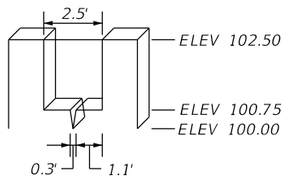
SHEET NO. 433

PRELIMINARY: NOT FOR CONSTRUCTION



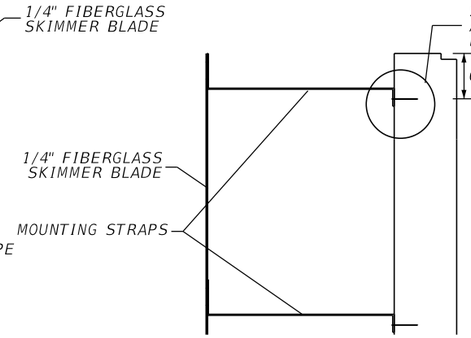


SECTION A-A
NTS



WEIR DETAIL
NTS

SKIMMER ATTACHMENT DETAILS



DETAIL "A"
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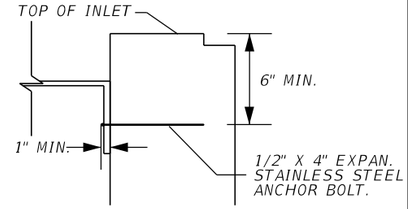

DETAIL "B"
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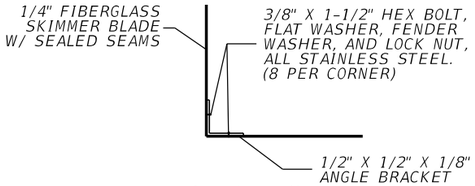
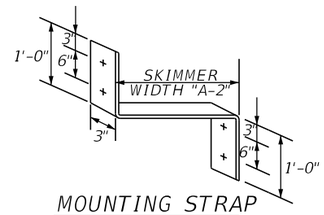


DETAIL "C"
NTS



MOUNTING STRAP
NTS

NOTE:
1. CONTRACTOR SHALL CUT A STAINLESS STEEL PLATE TO DIMENSION AS SHOWN ON TABLE. USE 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

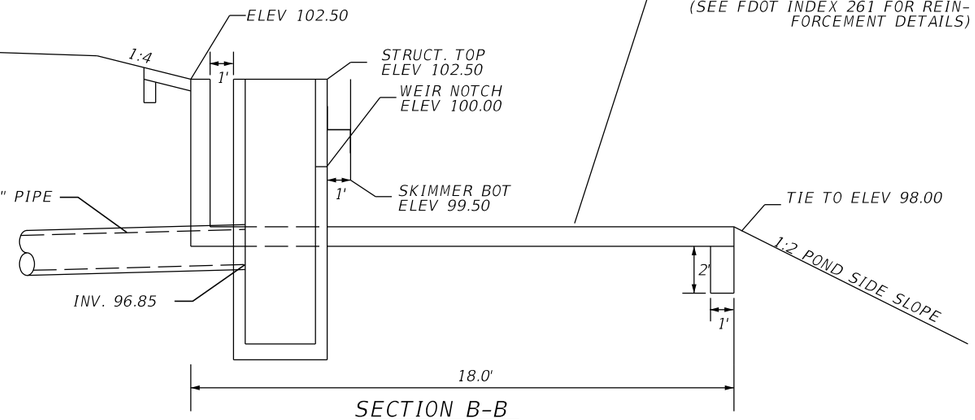
2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

3. SKIMMER ATTACHMENT NOTE: SKIMMER TO BE ATTACHED TO BACK OF STRUCTURE USING 3/8" STAINLESS STEEL STUD TYPE EXPANSION ANCHOR WITH NUT AND WASHER. EMBEDDED DEPTH TO BE 2-1/2". ANCHORS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS OR AS DIRECTED BY THE ENGINEER.

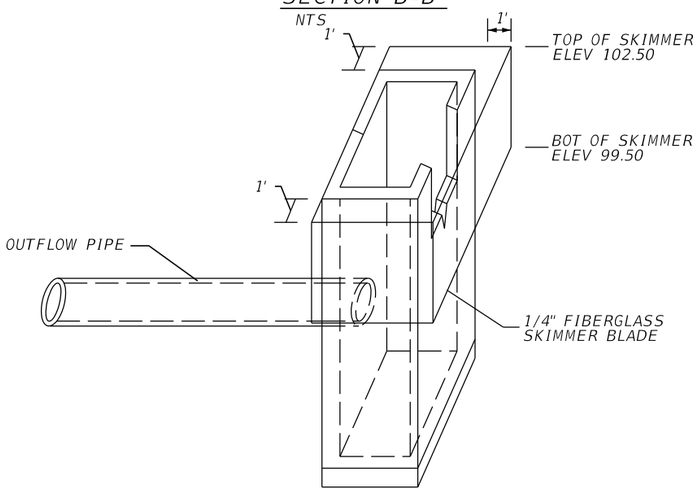
4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

5. FASTEN MOUNTING STRAP IN WITH 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

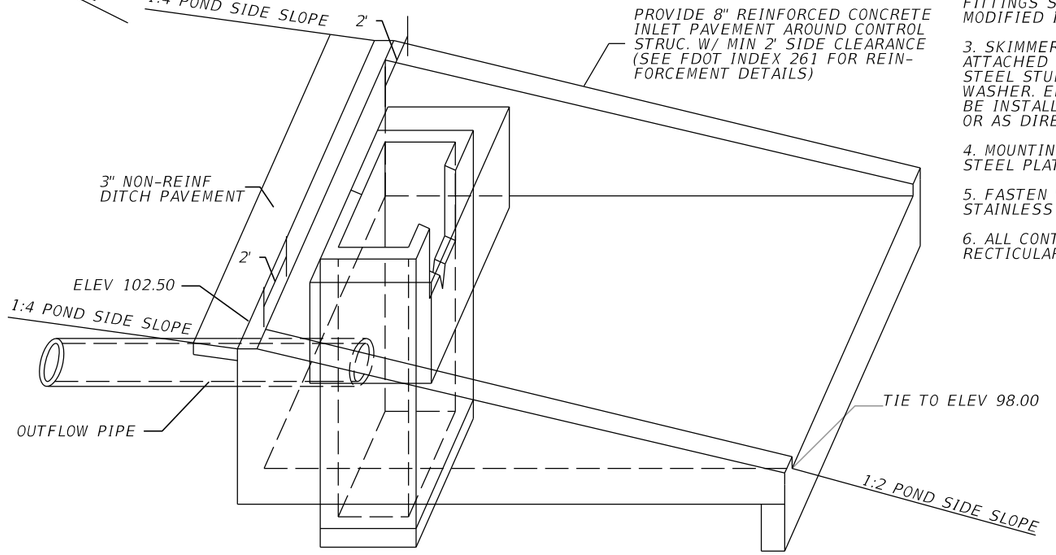
6. ALL CONTROL STRUCTURES SHALL HAVE STEEL RECTICULAR GRATES.



SECTION B-B
NTS



SKIMMER DETAIL
NTS



CONCRETE INLET PAVEMENT DETAIL
NTS

CONTROL STRUCTURE CSHOTEL
CONST MODIFIED TYPE E DBI
℄ OUTFALL_535, STA 2810+02.60, 129.67' LT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS
MES OUTFALLS AT
℄ OUTFALL_535, STA 2810+14.77, 19.43' LT

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL
POND HOTEL

SHEET NO. 434

PRELIMINARY: NOT FOR CONSTRUCTION

REFERENCE POINT	℄ WB PALM PKWY	OFFSET (FT)	SIDE
1	2107+73.52	105.94	LT
2	2107+42.16	76.07	LT
3	2106+88.22	78.94	LT
4	2102+88.92	85.00	LT
5	2102+58.92	115.84	LT
6	2102+87.13	145.79	LT
7	2107+43.70	163.50	LT
8	2107+73.61	133.41	LT

CSPALM-001 MODIFIED TYPE E REFER TO CONTROL STRUCTURE DETAIL FOR INFORMATION	CSPALM-002 ℄ WB PALM, STA 2105+10.89, 166.52' LT MH TYPE 7 TOP ELE = 104.53 IN INV. = 98.53 (18") OUT INV. = 98.53 (18")	CSPALM-003 ℄ WB PALM, STA 2102+41.79, 150.59' LT MH TYPE 7 TOP ELE = 105.28 IN INV. = 98.12 (18") OUT INV. = 98.12 (18")
CSPALM-004 ℄ WB PALM, STA 2102+46.65, 66.60' LT MH TYPE 7 TOP ELE = 103.86 IN INV. = 98.00 (18") OUT INV. = 98.00 (18")	SBLK-071 ℄ WB PALM, STA 2101+70.94, 65.50' LT TYPE 1 CURB INLET REFER TO BLCLK_02 STORMDRAIN NETWORK FOR INFORMATION	

LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
☢ = APPROXIMATE BORING LOCATION

NOTES:

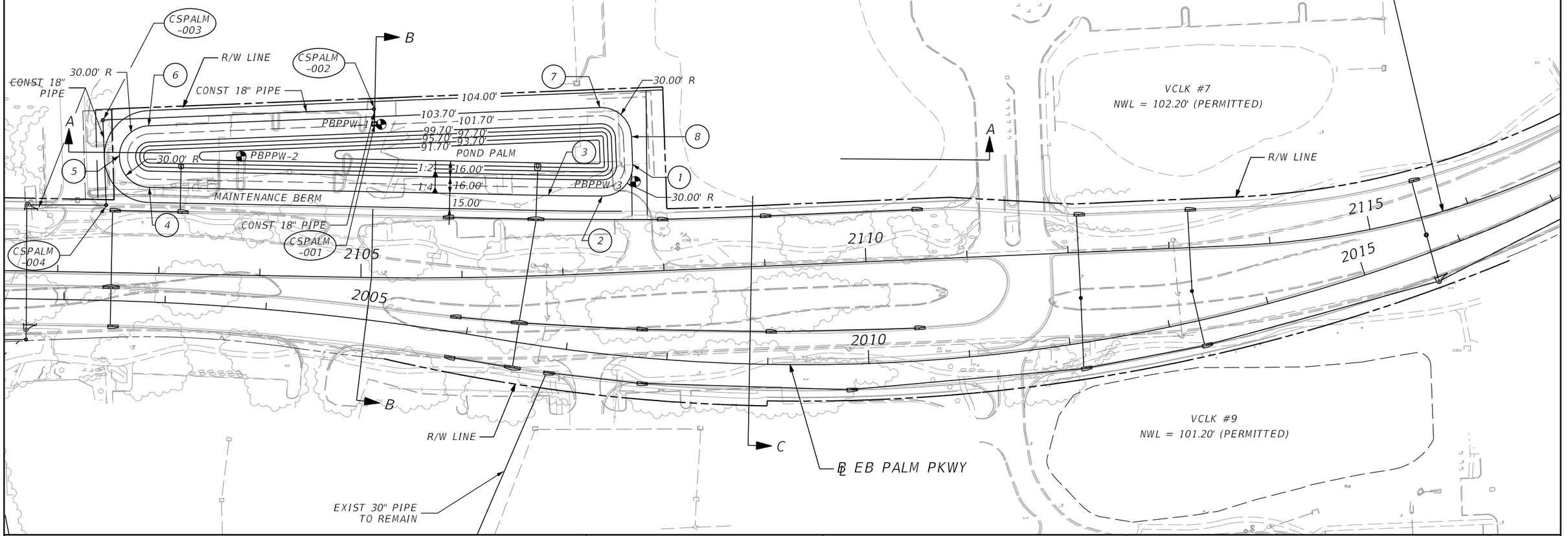
1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 30 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE INFORMATION. USE FDOT INDEX 240 FOR SKIMMER DETAILS.

POND PALM
WET DETENTION POND
NWL = 101.70' (PERMITTED ADJACENT POND)
DHW = 103.43' (025Y024HR)

N
0 20 100
Feet



PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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150 North Orange Avenue, Suite 200
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T 407.843.6552 F 407.839.1789
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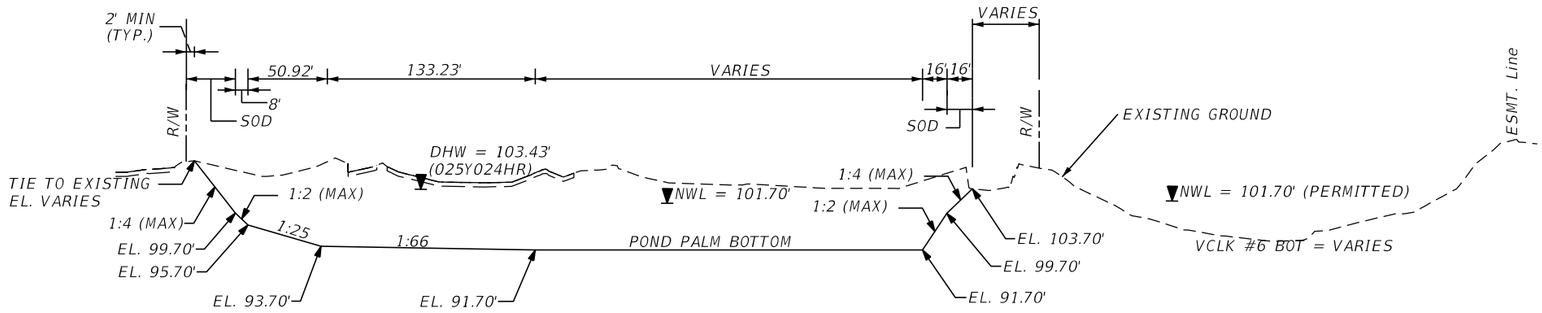
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND PALM

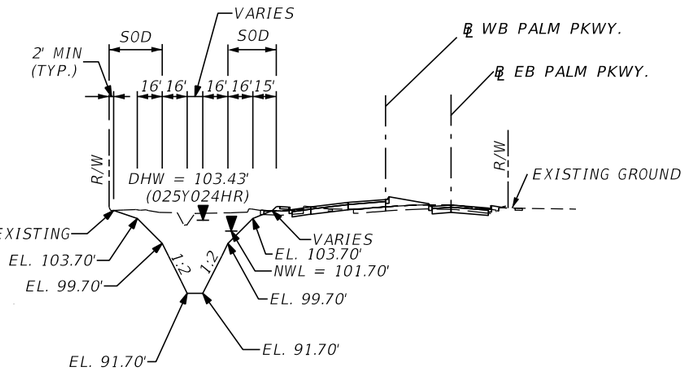
SHEET NO. 435

glen.dvorovy 2/26/2021 7:14:50 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD02_PONDPALM_A.DGN



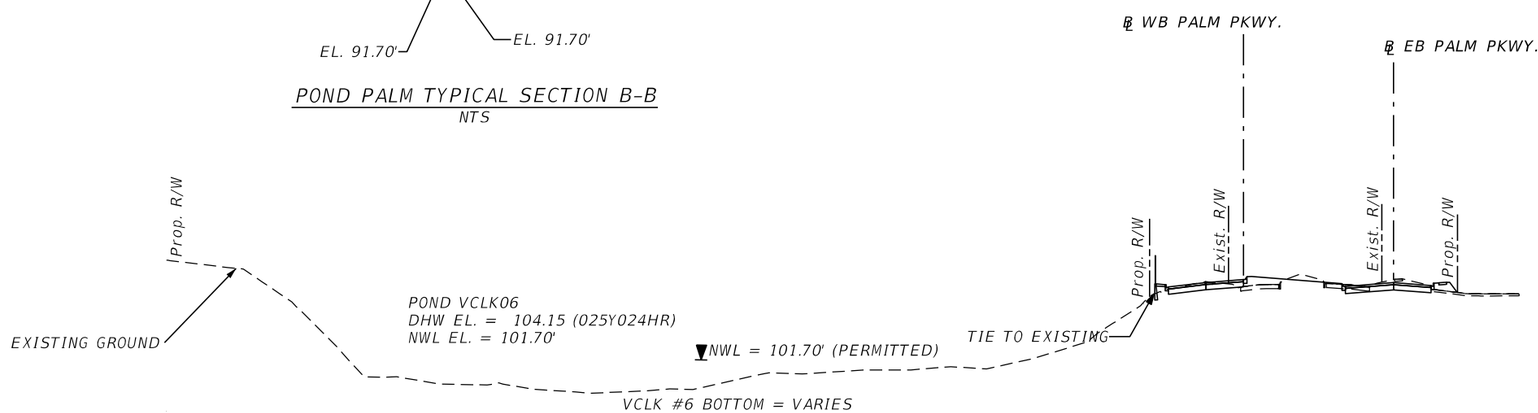
POND PALM TYPICAL SECTION A-A

NTS



POND PALM TYPICAL SECTION B-B

NTS



POND VCLK #6 TYPICAL SECTION C-C

NTS

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

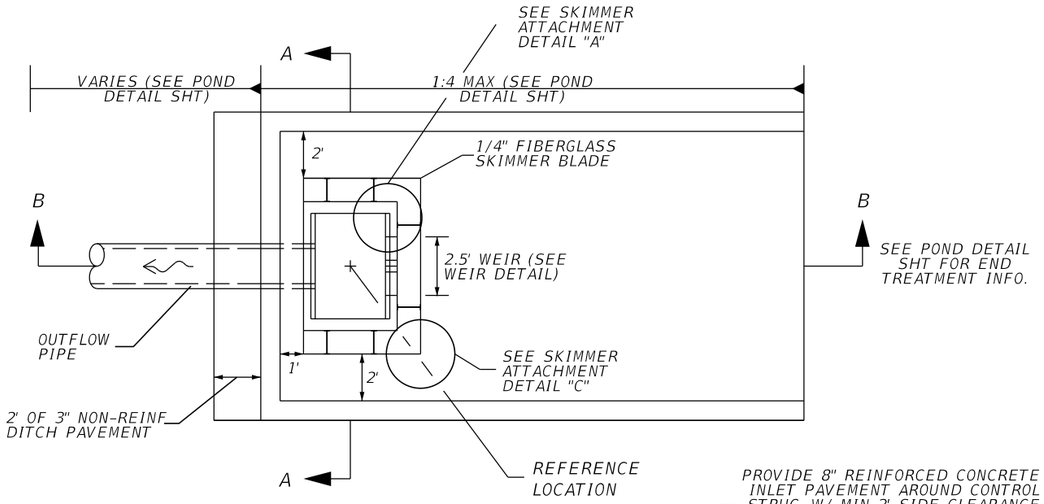
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

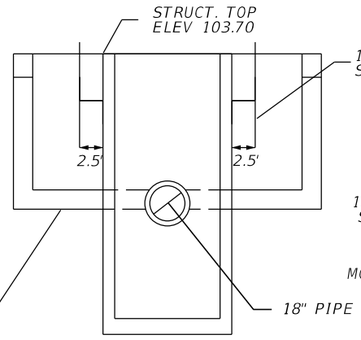
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

TYPICAL SECTIONS
POND PALM

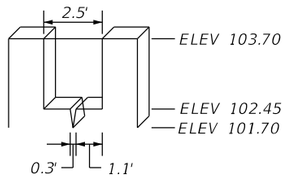
SHEET NO. 436

glen.dvorovy 2/26/2021 7:14:57 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD02_PONDPALM_B.DGN



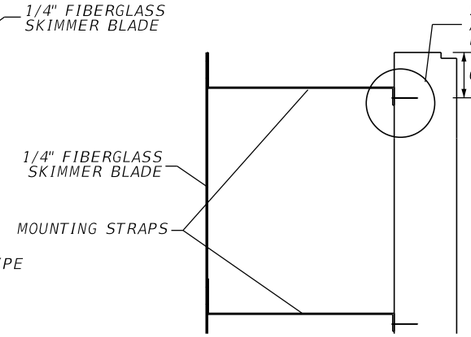


SECTION A-A
NTS

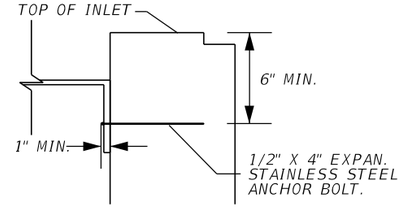


WEIR DETAIL
NTS

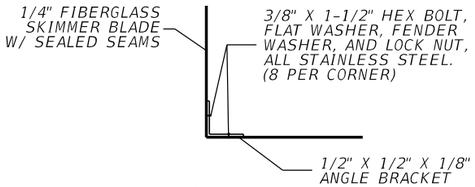
SKIMMER ATTACHMENT DETAILS



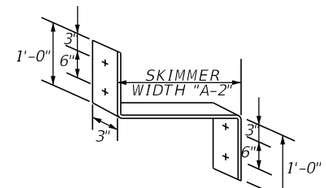
DETAIL "A"
NTS



DETAIL "B"
NTS



DETAIL "C"
NTS



MOUNTING STRAP
NTS

NOTE:
1. CONTRACTOR SHALL CUT A STAINLESS STEEL PLATE TO DIMENSION AS SHOWN ON TABLE. USE 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

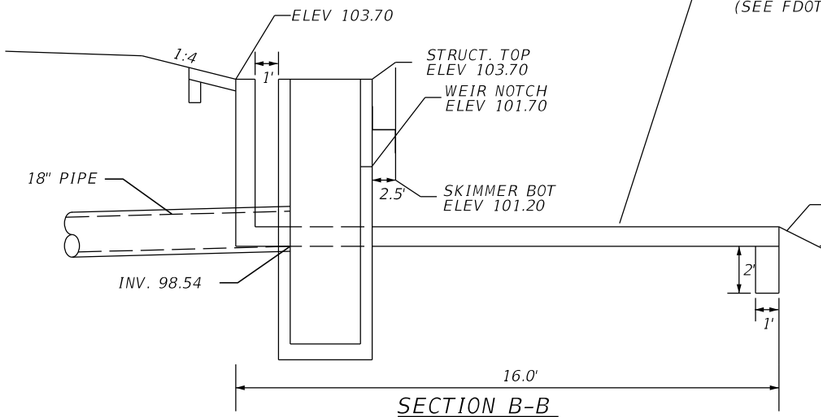
2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

3. SKIMMER ATTACHMENT NOTE: SKIMMER TO BE ATTACHED TO BACK OF STRUCTURE USING 3/8" STAINLESS STEEL STUD TYPE EXPANSION ANCHOR WITH NUT AND WASHER. EMBEDDED DEPTH TO BE 2-1/2". ANCHORS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS OR AS DIRECTED BY THE ENGINEER.

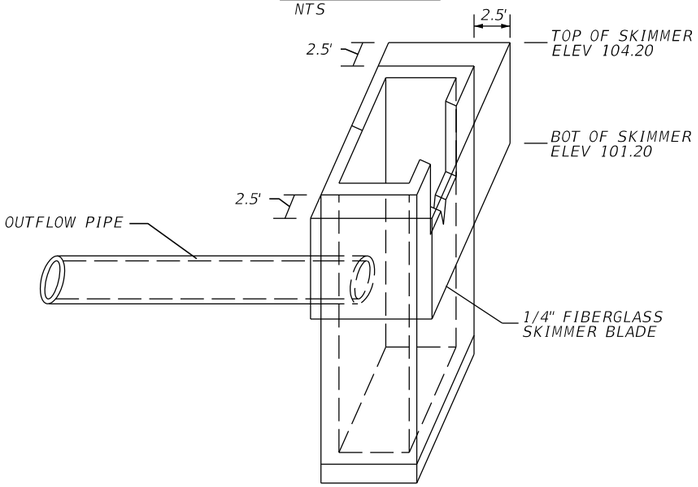
4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

5. FASTEN MOUNTING STRAP IN WITH 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

6. ALL CONTROL STRUCTURES SHALL HAVE STEEL RECTICULAR GRATES.



SECTION B-B
NTS



SKIMMER DETAIL
NTS

CONCRETE INLET PAVEMENT DETAIL
NTS

CONTROL STRUCTURE CSPALM-001
CONST MODIFIED TYPE E DBI
@ WBPALM, STA 2105+11.74, 151.87' LT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL POND PALM

SHEET NO. 437

PRELIMINARY; NOT FOR CONSTRUCTION

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REFERENCE POINT	℄ SB 535	OFFSET (FT)	SIDE
1	275+38.79	435.66	LT
2	276+24.75	450.41	LT
3	275+91.72	75.67	LT
4	278+12.73	75.64	LT
5	278+91.86	69.70	LT
6	280+20.73	69.67	LT
7	280+63.06	64.55	LT

R/W LINE

0 20 100
Feet

LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
⊗ = APPROXIMATE BORING LOCATION

NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 30 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

CROW-JOLLY (VININGS PND#1):
EXIST WET DETENTION POND
NWL = 99.89' (DESIGNED SURVEY)
DHW = 103.53' (025Y024HR)

EXIST. STORM CONTROL STRUCTURE TO REMAIN.

WETLAND LINE (TYP.)

℄ SB 535

℄ GRAND CYPRESS BLVD

℄ NB 535

280

180

275

175

2415

10'

FPC138-4

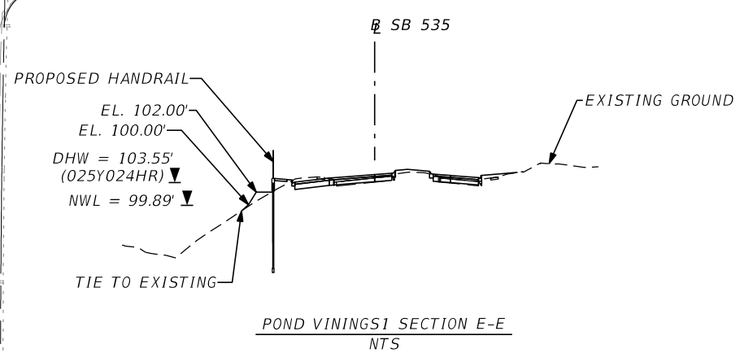
POND FPC 138

CROW-JOLLY (VININGS PND#2):
EXIST WET DETENTION POND
NWL = 100.00' (DESIGNED SURVEY)
DHW = 103.58' (025Y024HR)

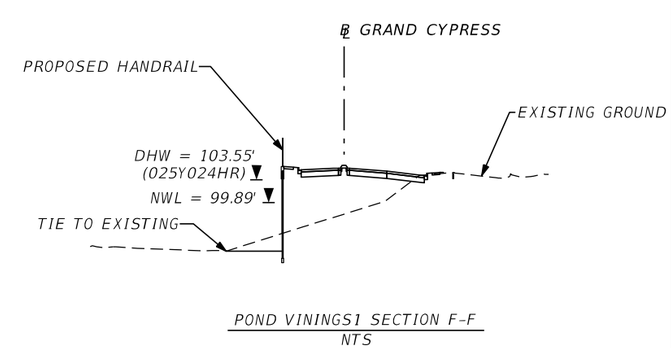
EXIST. 84" PIPE TO REMAIN

EXIST. 90" PIPE TO REMAIN

CROW-JOLLY (VININGS PND#3)
EXIST WET DETENTION POND
NWL = 100.00' (DESIGNED SURVEY)
DHW = 103.61' (025Y024HR)



POND VININGS1 SECTION E-E
NTS



POND VININGS1 SECTION F-F
NTS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
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www.aecom.com

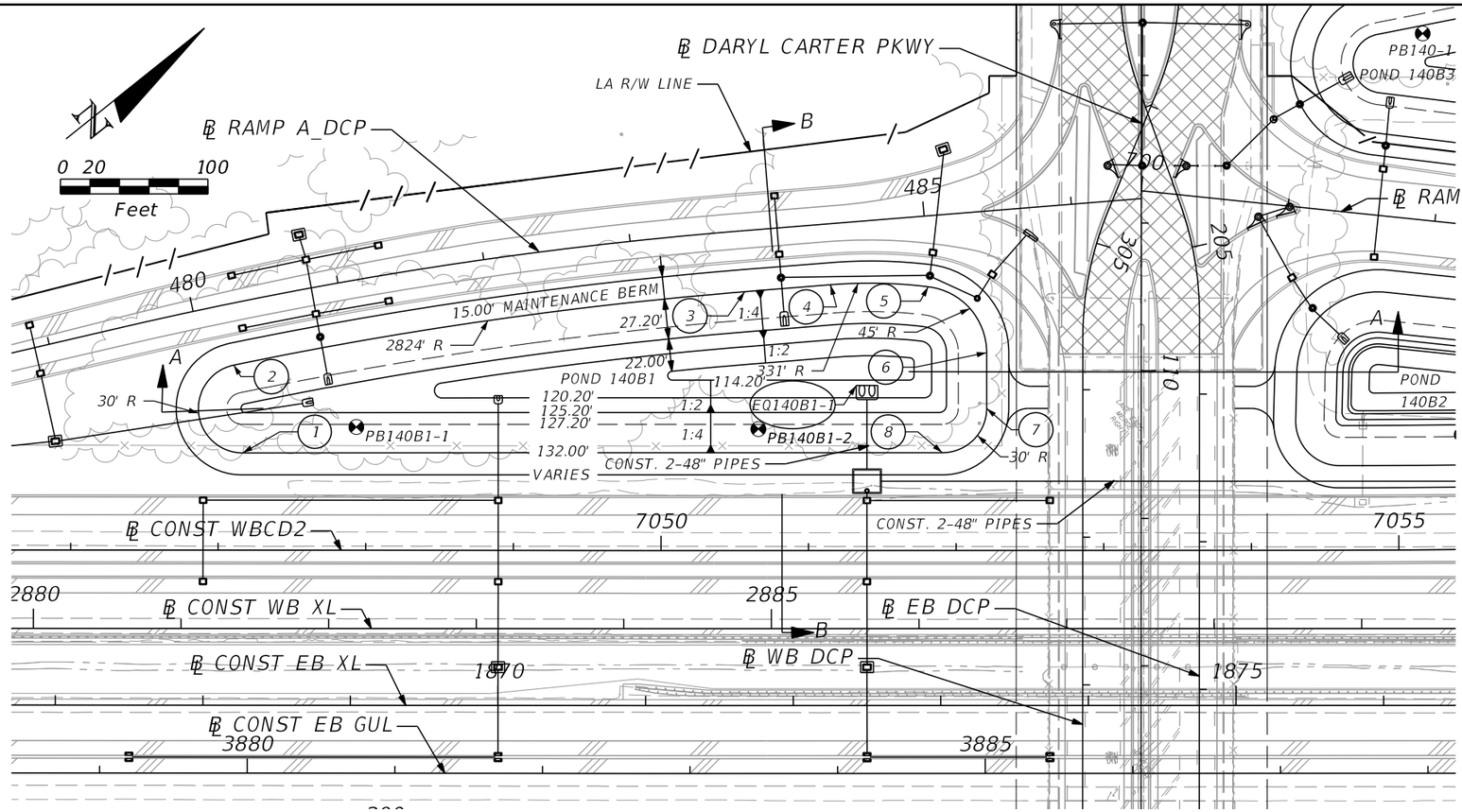
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

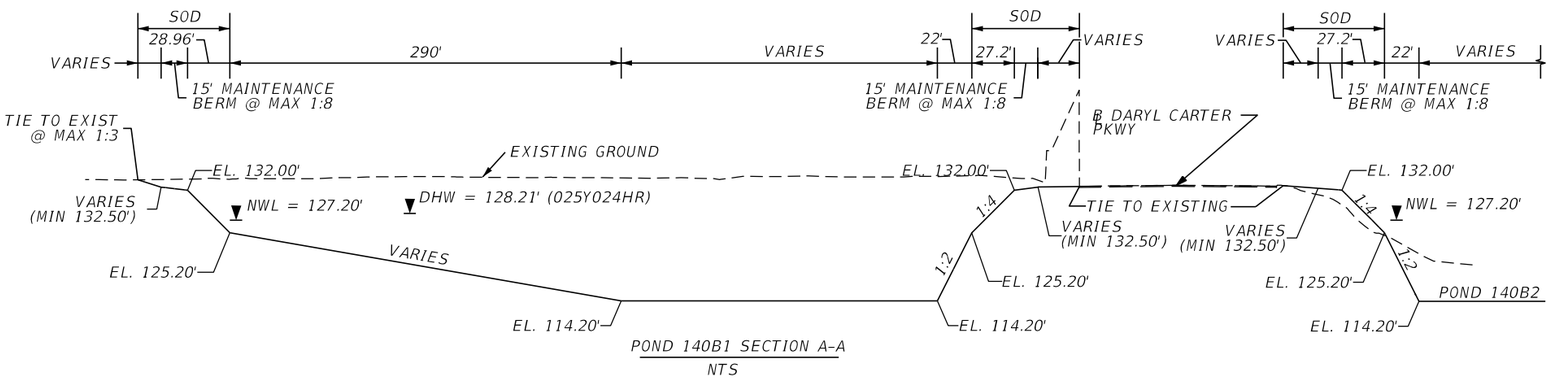
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

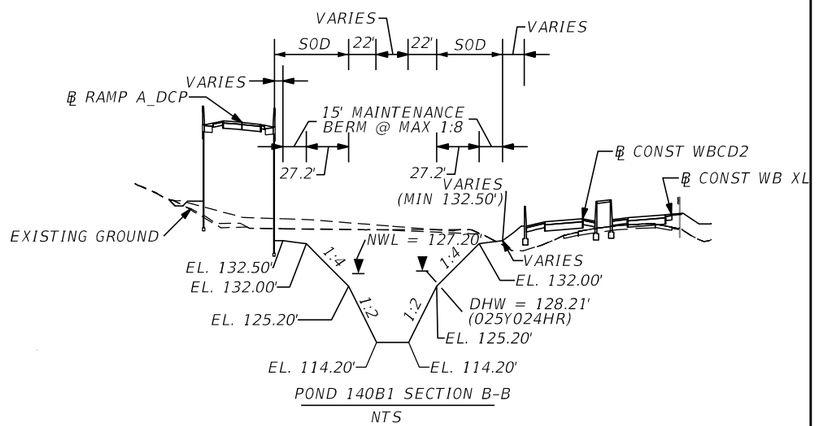
POND DETAIL VININGS 1

SHEET NO. 438

PRELIMINARY: NOT FOR CONSTRUCTION







LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
⊗ = APPROXIMATE BORING LOCATION

NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 30 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE AND SKIMMER INFORMATION.

POND 140B1
WET DETENTION POND
NWL = 127.20' (PERMITTED)
DHW = 128.21' (025Y024HR)

POND 140B1

REFERENCE POINT	℄ DARYL CARTER PKWY	OFFSET (FT)	SIDE
1	110+55.96	608.79	RT
2	109+96.59	614.92	RT
3	109+46.67	268.67	RT
4	109+41.94	210.55	RT
5	109+43.20	144.34	RT
6	109+87.88	104.70	RT
7	110+25.62	104.70	RT
8	110+55.62	134.68	RT

PRELIMINARY; NOT FOR CONSTRUCTION

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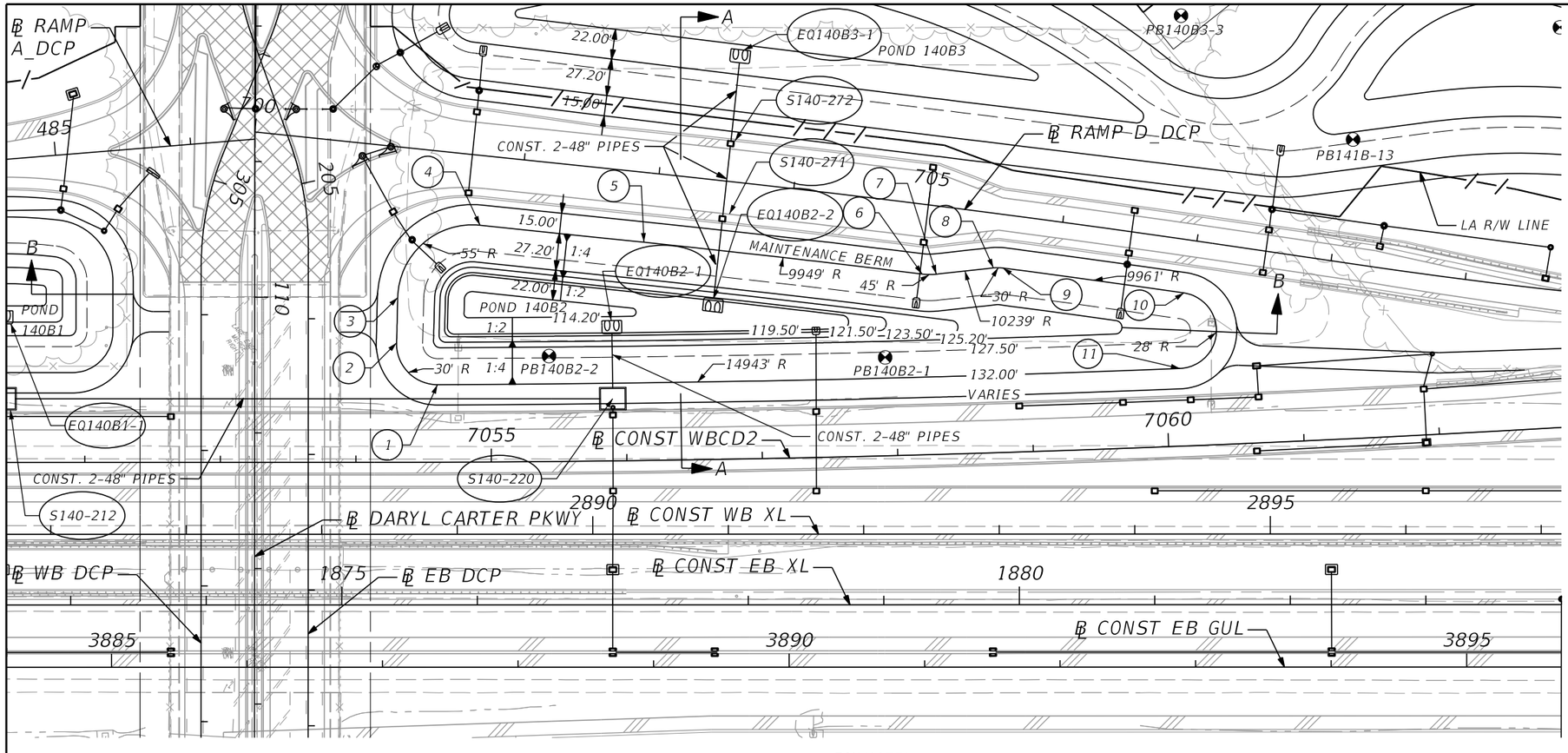
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND 140B1

SHEET NO. 439



POND 140B2

REFERENCE POINT	℄ DARYL CARTER PKWY	OFFSET (FT)	SIDE
1	110+64.35	134.82	LT
2	110+33.62	104.71	LT
3	110+00.21	105.53	LT
4	109+46.84	166.16	LT
5	109+59.34	287.18	LT
6	109+82.69	492.48	LT
7	109+82.75	503.05	LT
8	109+78.12	545.09	LT
9	109+78.20	552.19	LT
10	109+96.51	685.71	LT
11	110+52.20	682.86	LT

LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
⊕ = APPROXIMATE BORING LOCATION

NOTES:

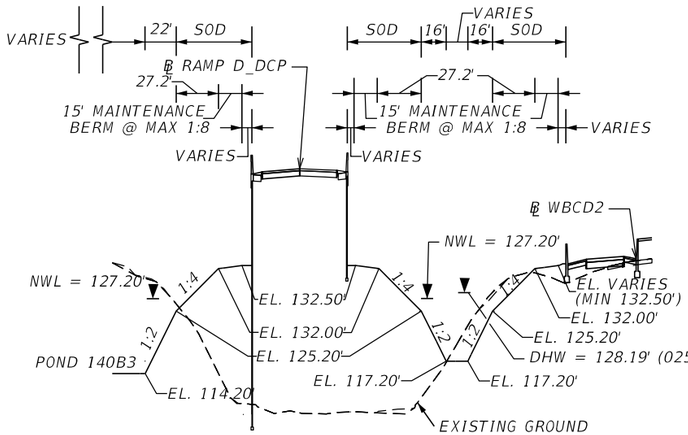
1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 28 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

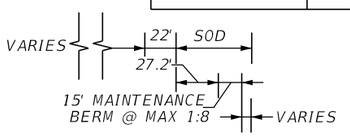
POND 140B2
WET DETENTION POND
NWL = 127.20' (PERMITTED)
DHW = 128.19' (025Y024HR)

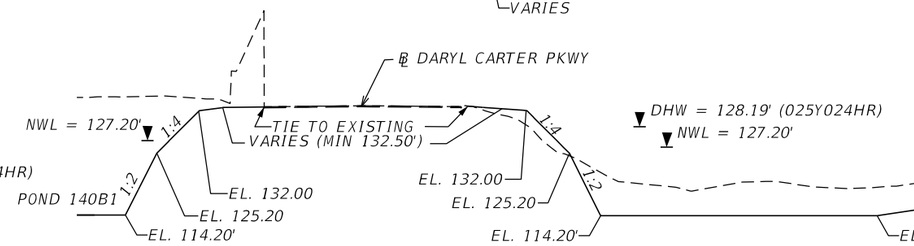
EQUALIZER PIPES

STRUCTURE	INVERT
EQ140B1-1	115.50
EQ140B2-1	115.20
EQ140B2-2	117.20
EQ140B3-1	115.70



POND 140B2 SECTION A-A
NTS





POND 140B2 SECTION B-B
NTS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND 140B2

SHEET NO. 440

PRELIMINARY: NOT FOR CONSTRUCTION

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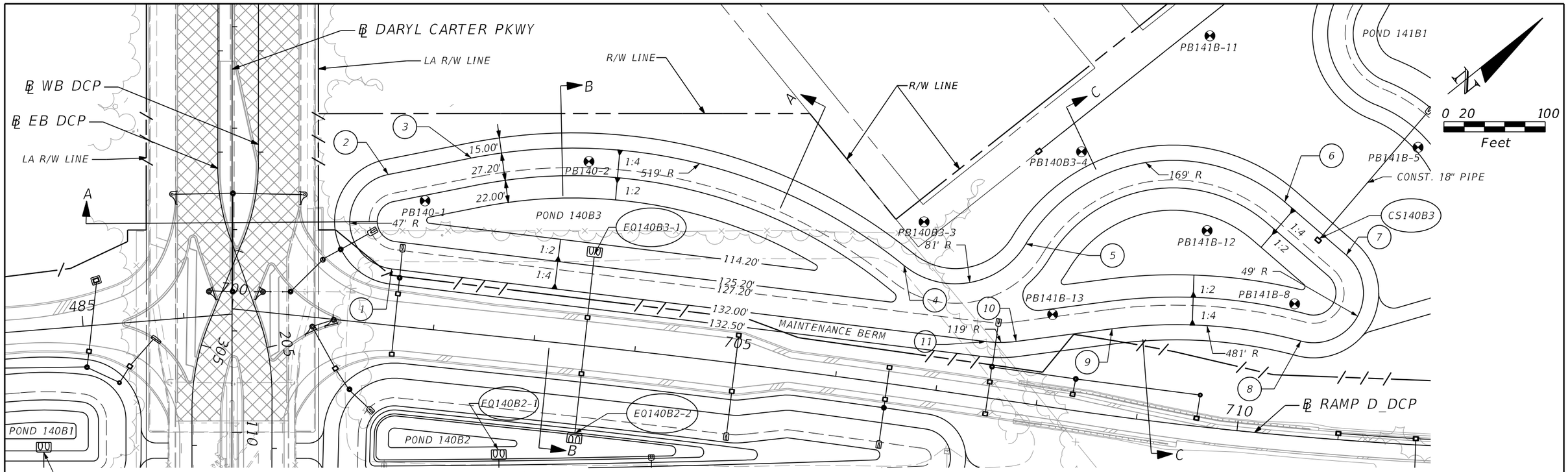
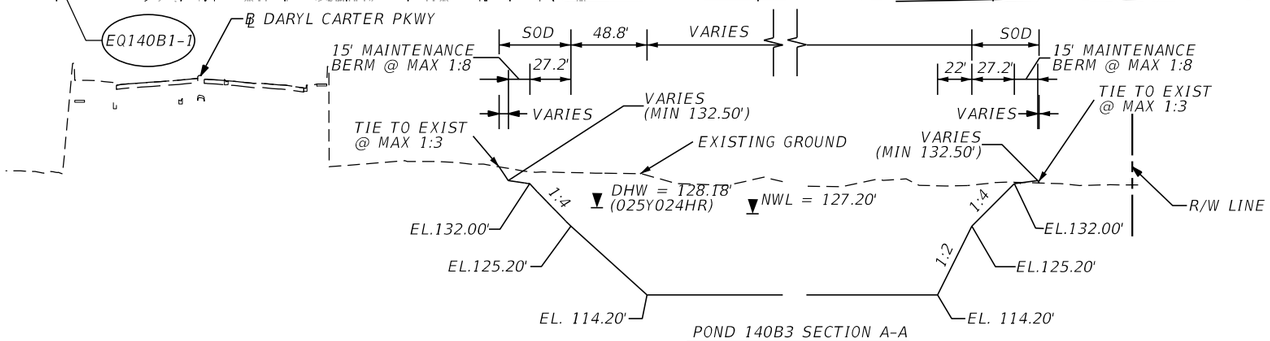
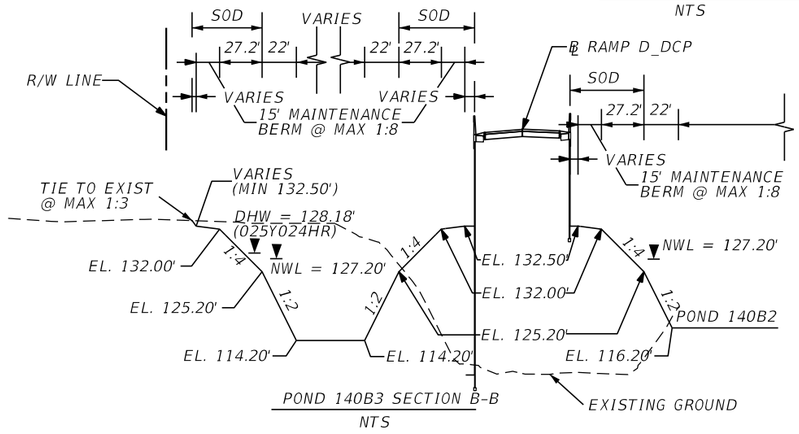






LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
⊗ = APPROXIMATE BORING LOCATION

NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

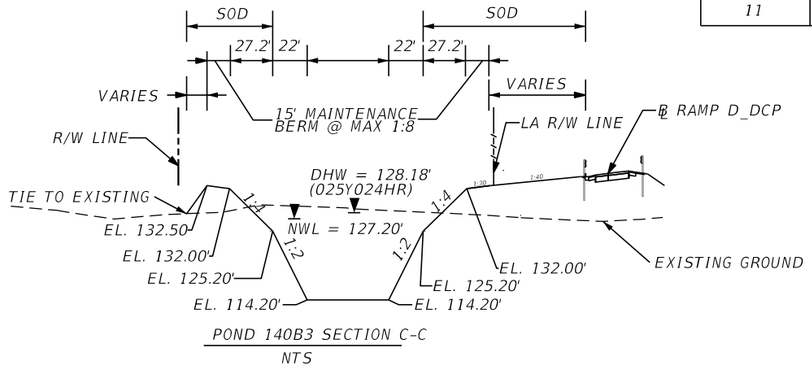
2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 47 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE AND SKIMMER INFORMATION.

POND 140B3
WET DETENTION POND
NWL = 127.20' (PERMITTED)
DHW = 128.18' (025Y024HR)

POND 140B3

REFERENCE POINT	℄ DARYL CARTER PKWY	OFFSET (FT)	SIDE
1	108+38.75	157.75	LT
2	107+45.59	154.29	LT
3	107+29.36	236.37	LT
4	108+35.17	663.78	LT
5	108+13.77	784.00	LT
6	107+72.35	1039.80	LT
7	108+24.67	1100.46	LT
8	109+09.47	1055.68	LT
9	108+97.44	869.21	LT
10	109+09.93	774.55	LT
11	109+10.08	744.57	LT



PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407,843,6552 F 407,839,1789
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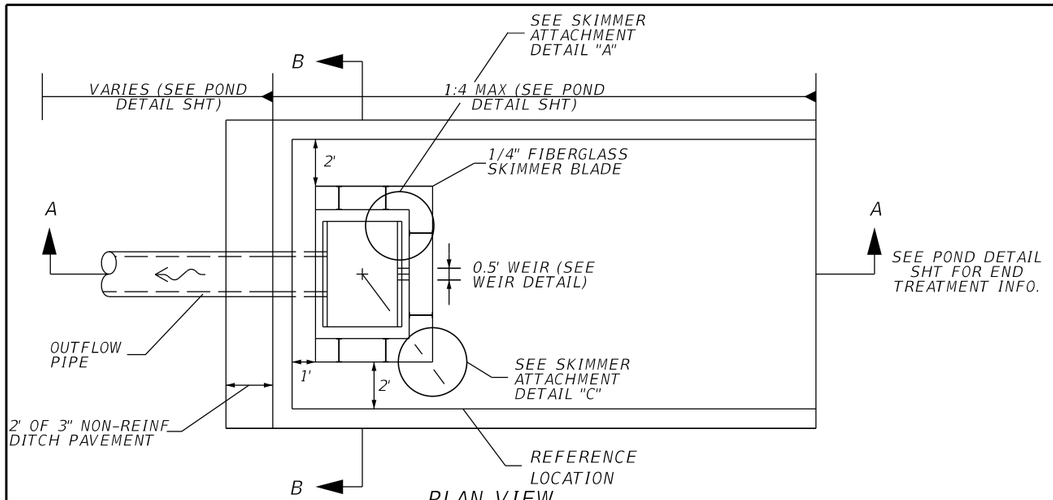
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

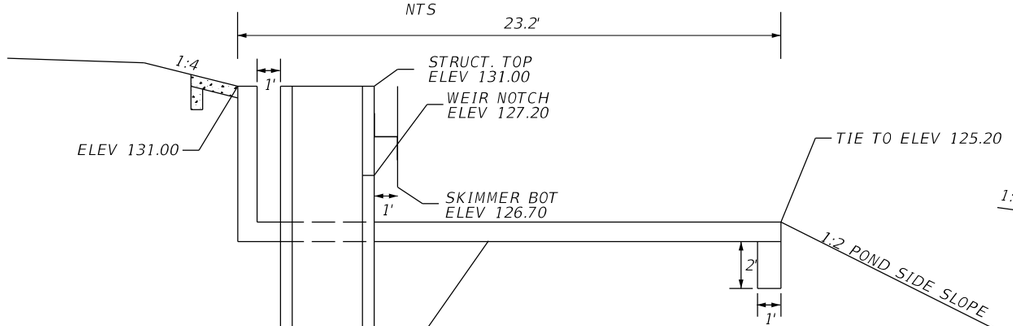
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

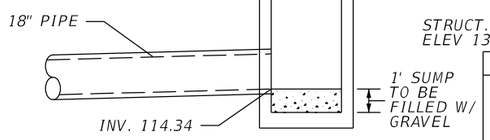
POND DETAIL
POND 140B3

SHEET NO. 441

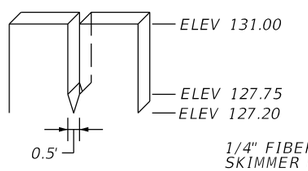


PLAN VIEW
NTS

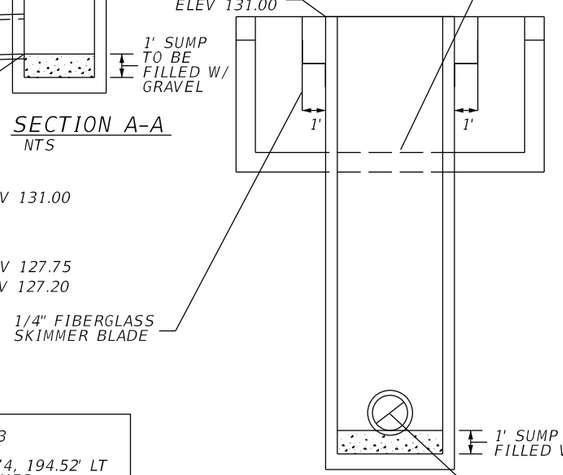




SECTION A-A
NTS



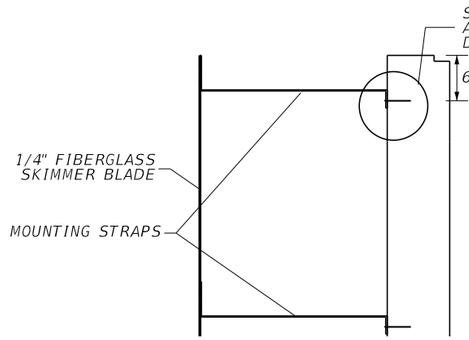
WEIR DETAIL
NTS



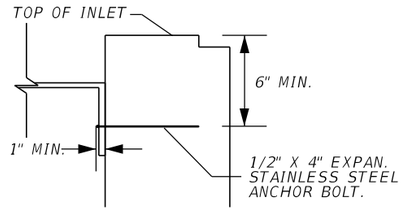
SECTION B-B
NTS

CONTROL STRUCTURE CS140B3
CONST MODIFIED TYPE E DBI
@ RAMP D DCP, STA 710+63.74, 194.52' LT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS

SKIMMER ATTACHMENT DETAILS



DETAIL "A"
NTS



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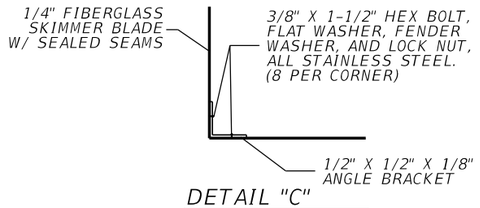
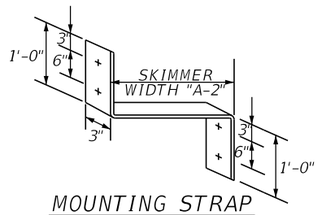
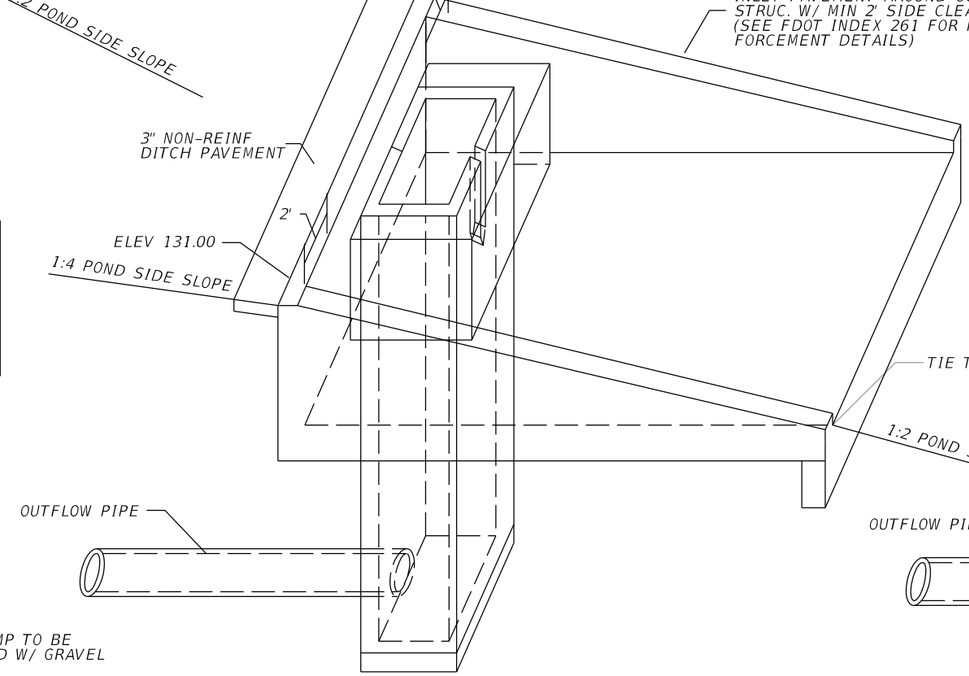


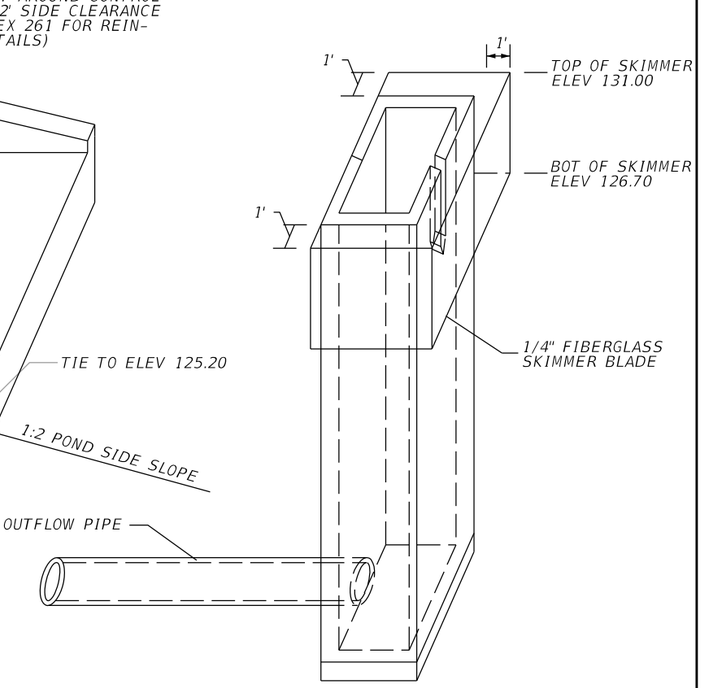
DETAIL "C"
NTS



MOUNTING STRAP
NTS



CONCRETE INLET PAVEMENT DETAIL
NTS



SKIMMER DETAIL
NTS

NOTE:
1. CONTRACTOR SHALL CUT A STAINLESS STEEL PLATE TO DIMENSION AS SHOWN ON TABLE. USE 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

3. SKIMMER ATTACHMENT NOTE: SKIMMER TO BE ATTACHED TO BACK OF STRUCTURE USING 3/8" STAINLESS STEEL STUD TYPE EXPANSION ANCHOR WITH NUT AND WASHER. EMBEDDED DEPTH TO BE 2-1/2". ANCHORS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS OR AS DIRECTED BY THE ENGINEER.

4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

5. FASTEN MOUNTING STRAP IN WITH 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

6. ALL CONTROL STRUCTURES SHALL HAVE STEEL RECTICULAR GRATES.

PRELIMINARY; NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

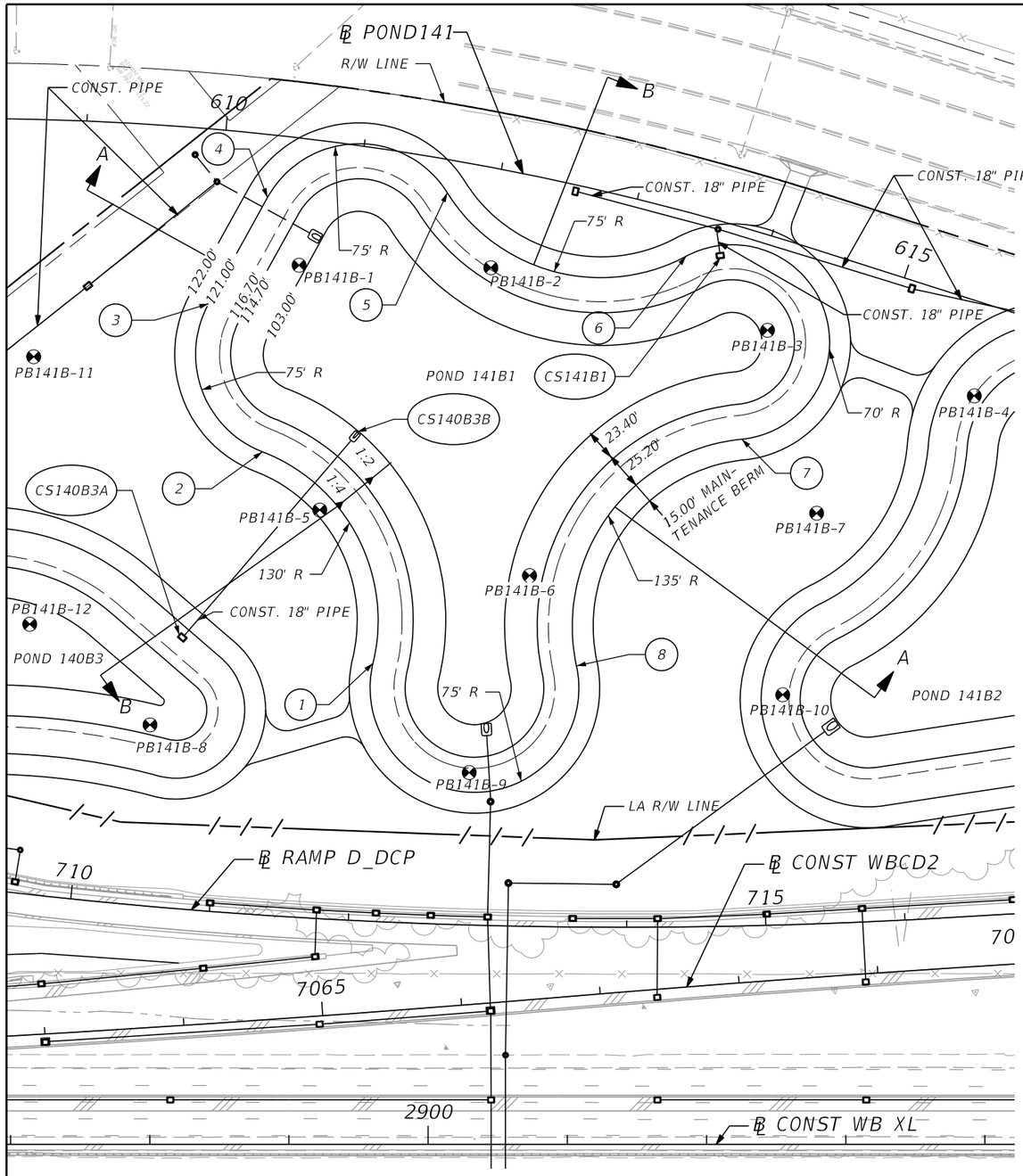
AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

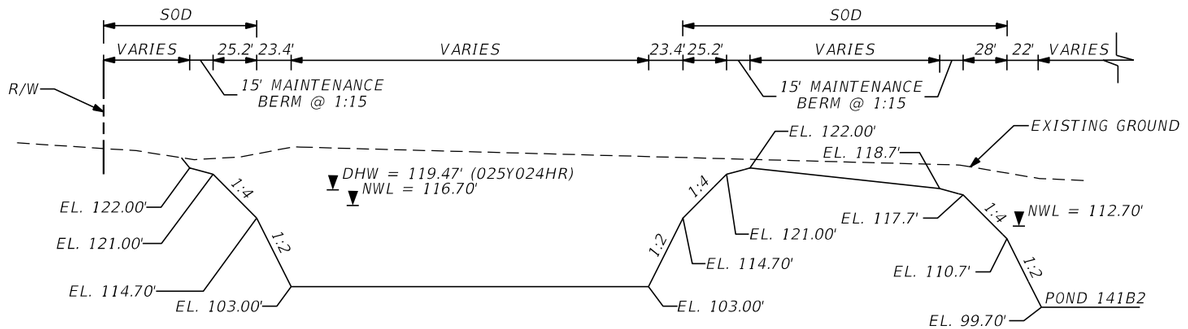
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

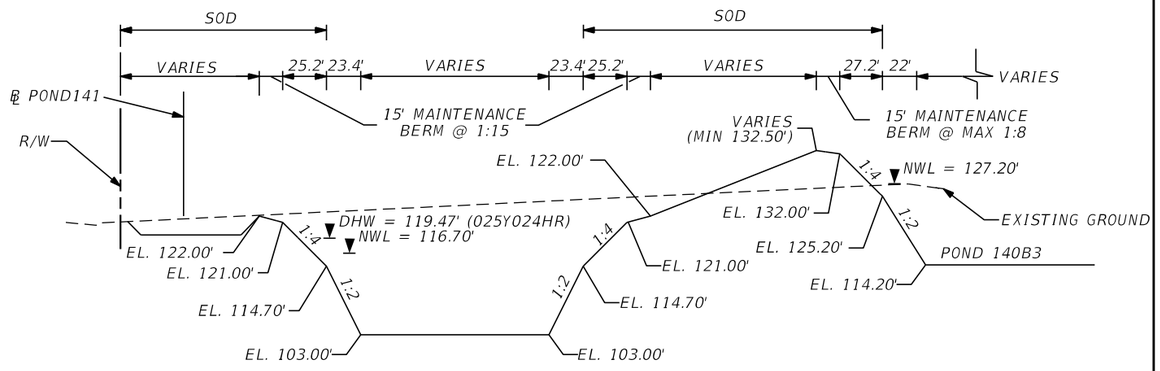
CONTROL STRUCTURE DETAIL POND 140B3

SHEET NO. 442





POND 141B1 SECTION A-A
NTS



POND 141B1 SECTION B-B
NTS

POND 141B1

REFERENCE POINT	℄ POND141	OFFSET (FT)	SIDE
1	611+71.64	365.62	RT
2	610+53.09	226.96	RT
3	609+98.91	125.21	RT
4	610+34.92	45.13	RT
5	611+64.59	23.57	RT
6	613+44.51	30.91	RT
7	614+23.06	145.90	RT
8	613+45.26	335.44	RT

LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
⊗ = APPROXIMATE BORING LOCATION

NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 70 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE AND SKIMMER INFORMATION.

POND 141B1
WET DETENTION POND
NWL = 116.70'
DHW = 119.47' (025Y024HR)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

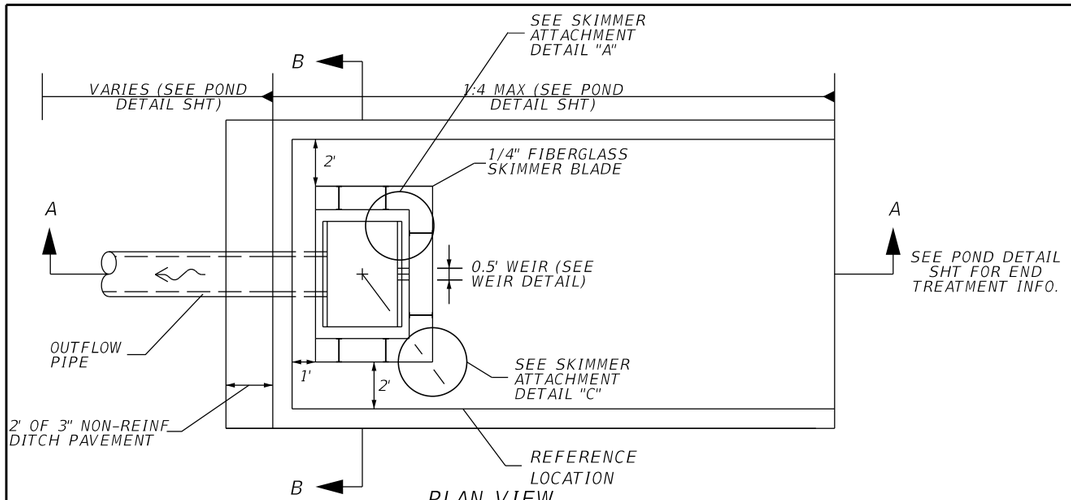
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

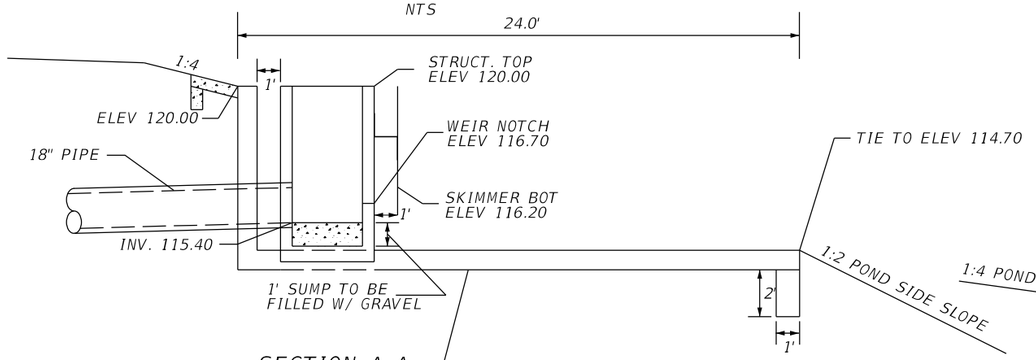
POND DETAIL
POND 141B1

SHEET NO. 443

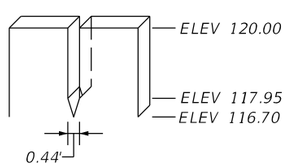
PRELIMINARY: NOT FOR CONSTRUCTION



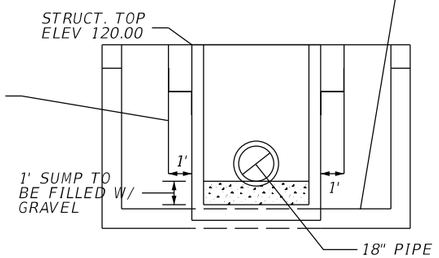
PLAN VIEW
NTS



SECTION A-A
NTS



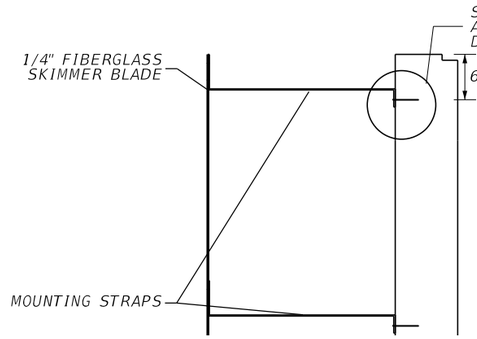
WEIR DETAIL
NTS



SECTION B-B
NTS

CONTROL STRUCTURE CS141B1
CONST MODIFIED TYPE E DBI
@ POND141, STA 613+68.31, 23.93' RT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS

SKIMMER ATTACHMENT DETAILS



DETAIL "A"
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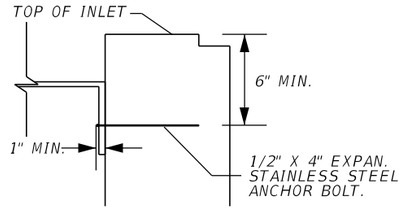

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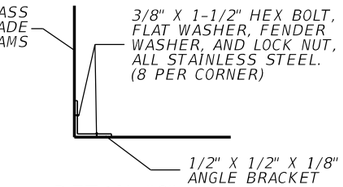
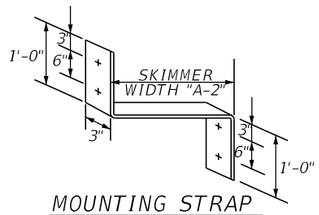


DETAIL "C"
NTS



MOUNTING STRAP
NTS

NOTE:
1. CONTRACTOR SHALL CUT A STAINLESS STEEL PLATE TO DIMENSION AS SHOWN ON TABLE. USE 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

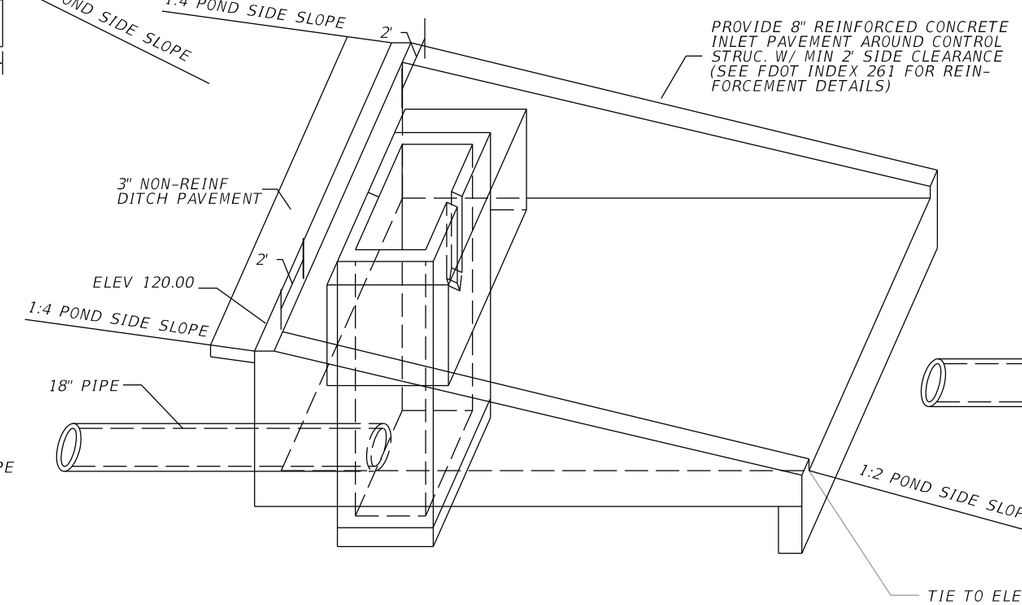
2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

3. SKIMMER ATTACHMENT NOTE: SKIMMER TO BE ATTACHED TO BACK OF STRUCTURE USING 3/8" STAINLESS STEEL STUD TYPE EXPANSION ANCHOR WITH NUT AND WASHER. EMBEDDED DEPTH TO BE 2-1/2". ANCHORS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS OR AS DIRECTED BY THE ENGINEER.

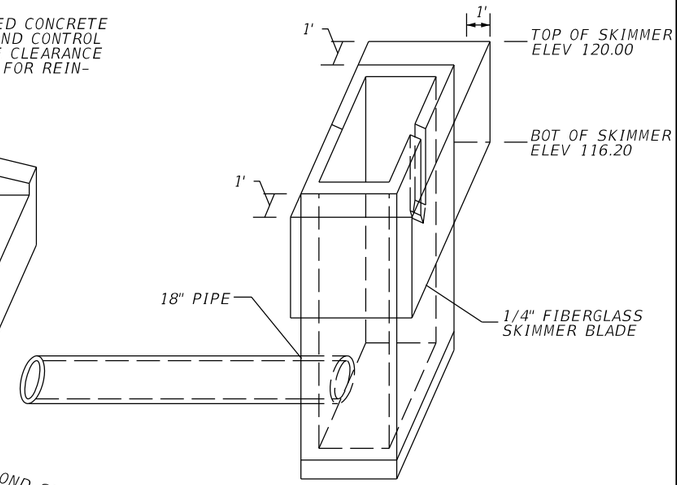
4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

5. FASTEN MOUNTING STRAP IN WITH 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

6. ALL CONTROL STRUCTURES SHALL HAVE STEEL RECTICULAR GRATES.



CONCRETE INLET PAVEMENT DETAIL
NTS



SKIMMER DETAIL
NTS

PRELIMINARY; NOT FOR CONSTRUCTION

REVISIONS			
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AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL
POND 141B1

SHEET NO. 444

LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
⊕ = APPROXIMATE BORING LOCATION

NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

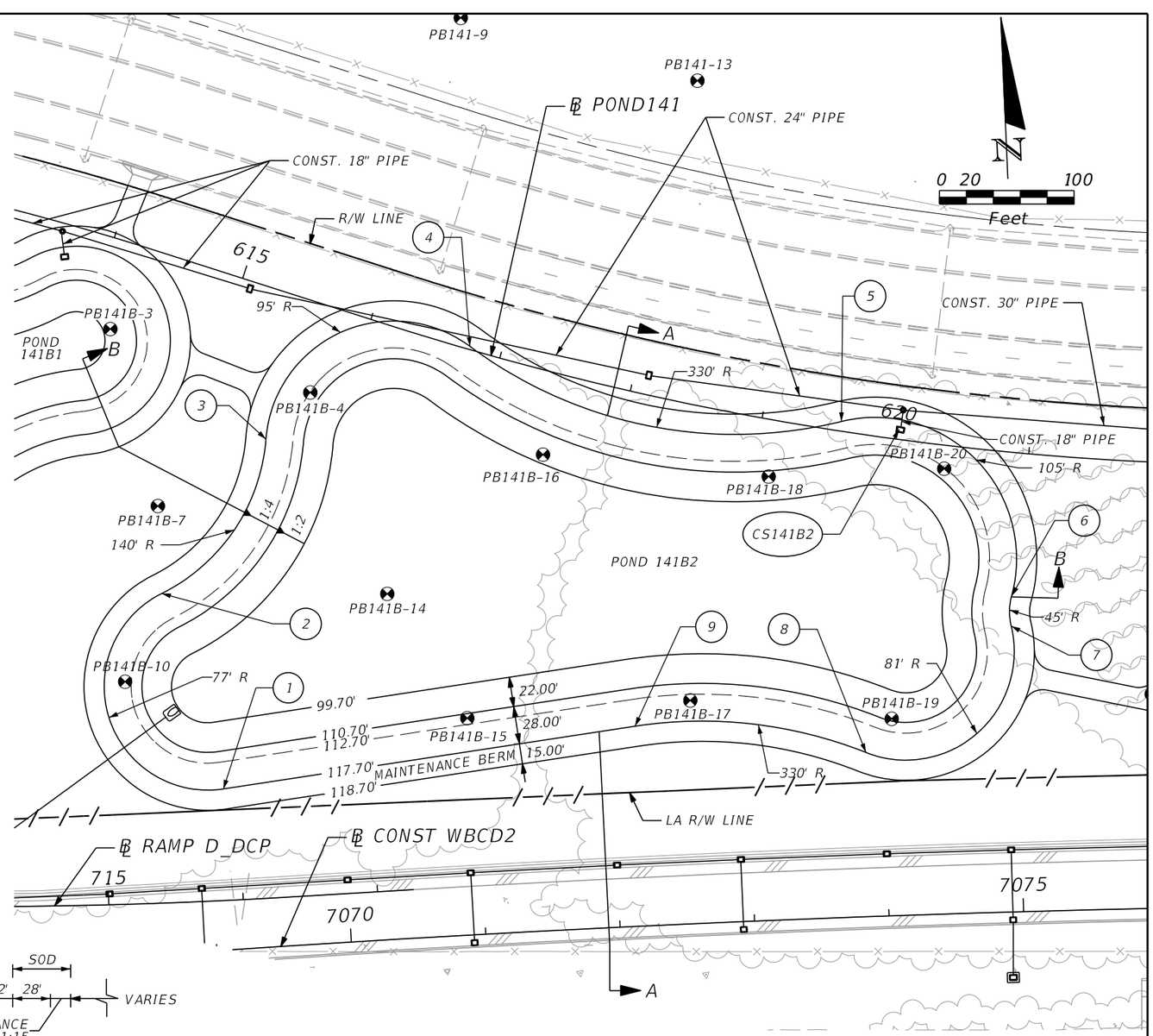
2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 45 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

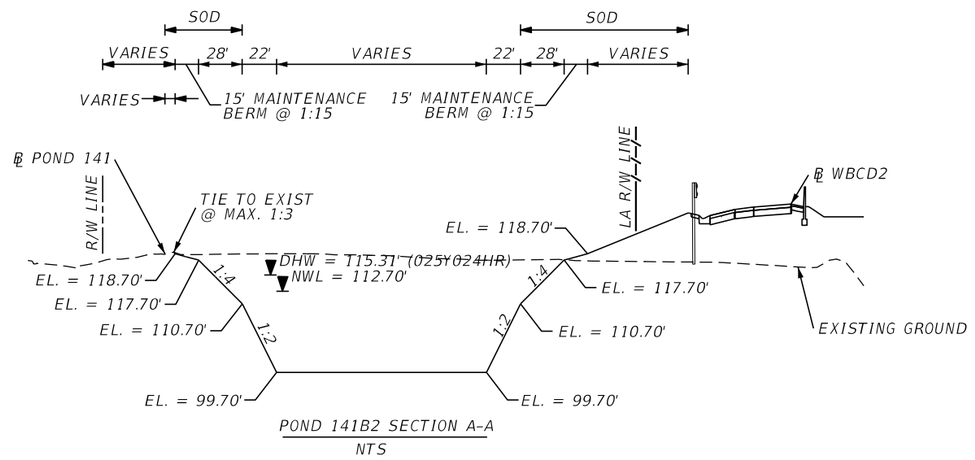
3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE AND SKIMMER INFORMATION.

POND 141B2
WET DETENTION POND
NWL = 112.70'
DHW = 115.31' (025Y024HR)

POND 141B2

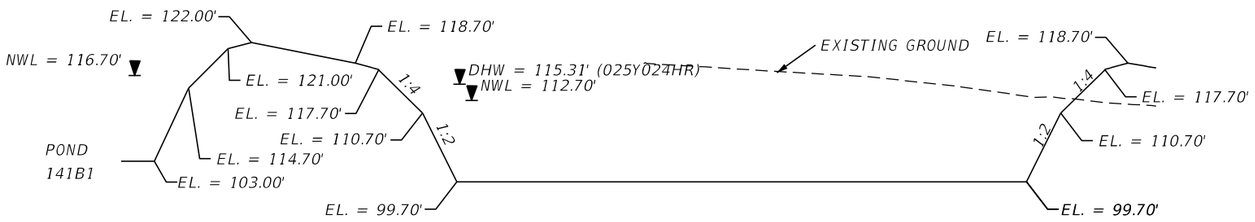
REFERENCE POINT	℄ POND141	OFFSET (FT)	SIDE
1	616+01.82	365.36	RT
2	615+14.00	241.10	RT
3	615+52.80	108.37	RT
4	616+76.18	2.39	LT
5	619+58.61	7.18	LT
6	620+96.67	106.21	RT
7	620+98.27	128.56	RT
8	620+08.55	233.57	RT
9	618+52.97	242.45	RT





POND 141B2 SECTION A-A
NTS





POND 141B2 SECTION B-B
NTS

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND 141B2

SHEET NO. 445

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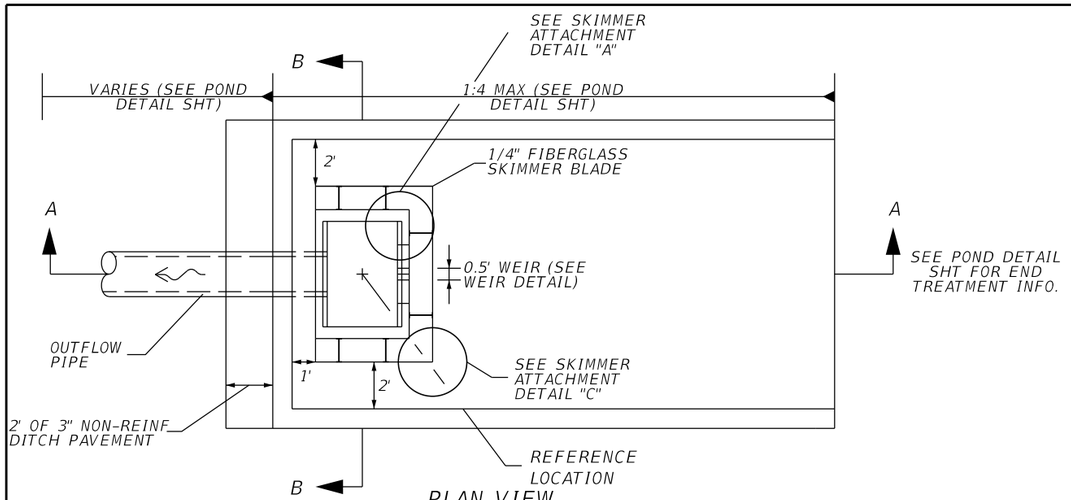
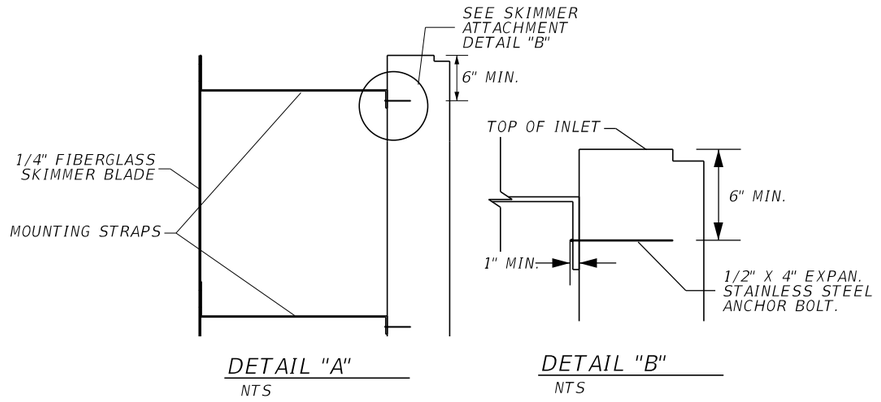


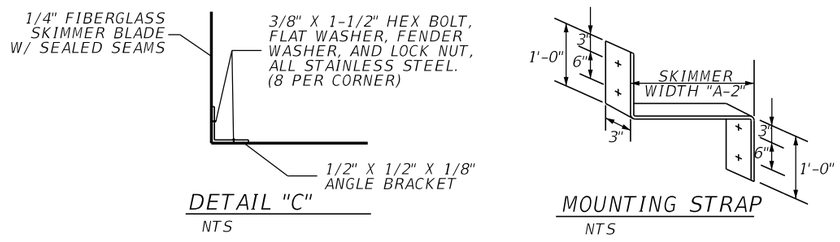
PLAN VIEW
NTS

SKIMMER ATTACHMENT DETAILS



DETAIL "A"
NTS

DETAIL "B"
NTS



DETAIL "C"
NTS

MOUNTING STRAP
NTS

NOTE:
1. CONTRACTOR SHALL CUT A STAINLESS STEEL PLATE TO DIMENSION AS SHOWN ON TABLE. USE 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

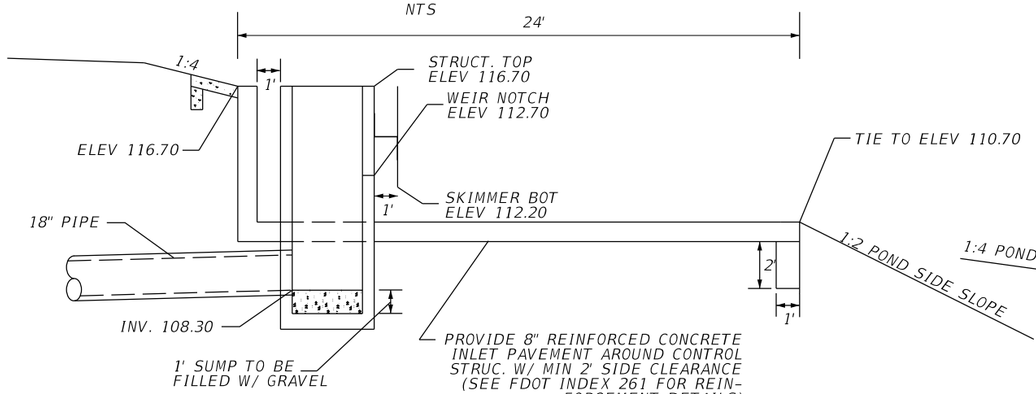
2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

3. SKIMMER ATTACHMENT NOTE: SKIMMER TO BE ATTACHED TO BACK OF STRUCTURE USING 3/8" STAINLESS STEEL STUD TYPE EXPANSION ANCHOR WITH NUT AND WASHER. EMBEDDED DEPTH TO BE 2-1/2". ANCHORS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS OR AS DIRECTED BY THE ENGINEER.

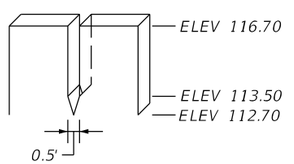
4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

5. FASTEN MOUNTING STRAP IN WITH 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

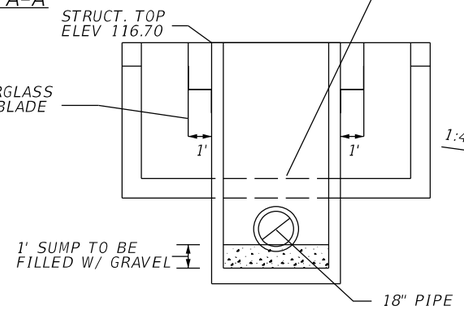
6. ALL CONTROL STRUCTURES SHALL HAVE STEEL RECTICULAR GRATES.



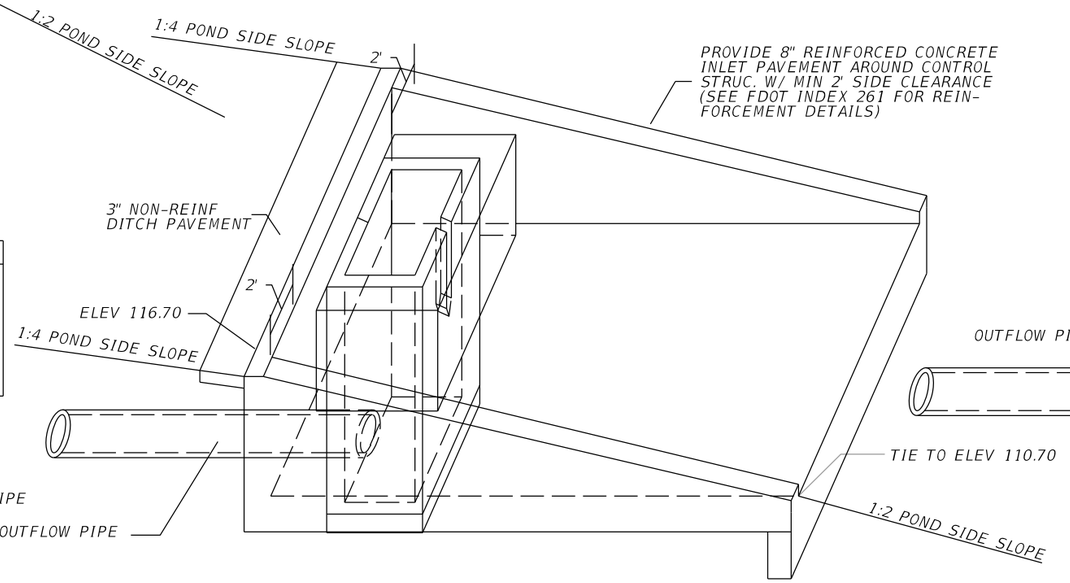
SECTION A-A
NTS



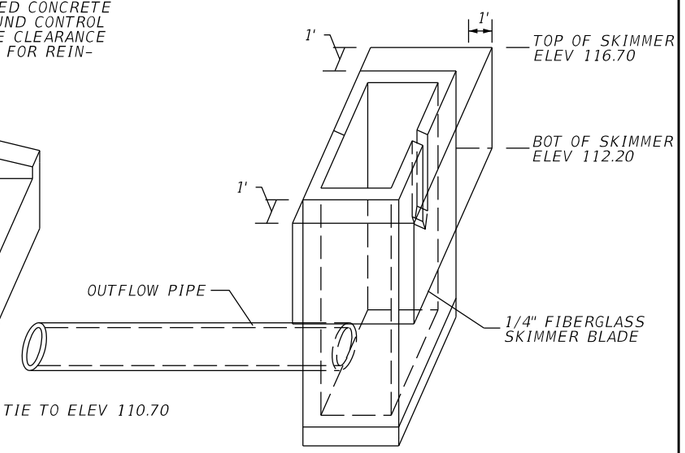
WEIR DETAIL
NTS



SECTION B-B
NTS



CONCRETE INLET PAVEMENT DETAIL
NTS



SKIMMER DETAIL
NTS

CONTROL STRUCTURE CS141B2
CONST MODIFIED TYPE E DBI
@ POND141, STA 620+03.22, 8.83' LT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL
POND 141B2

SHEET NO. 446

PRELIMINARY: NOT FOR CONSTRUCTION

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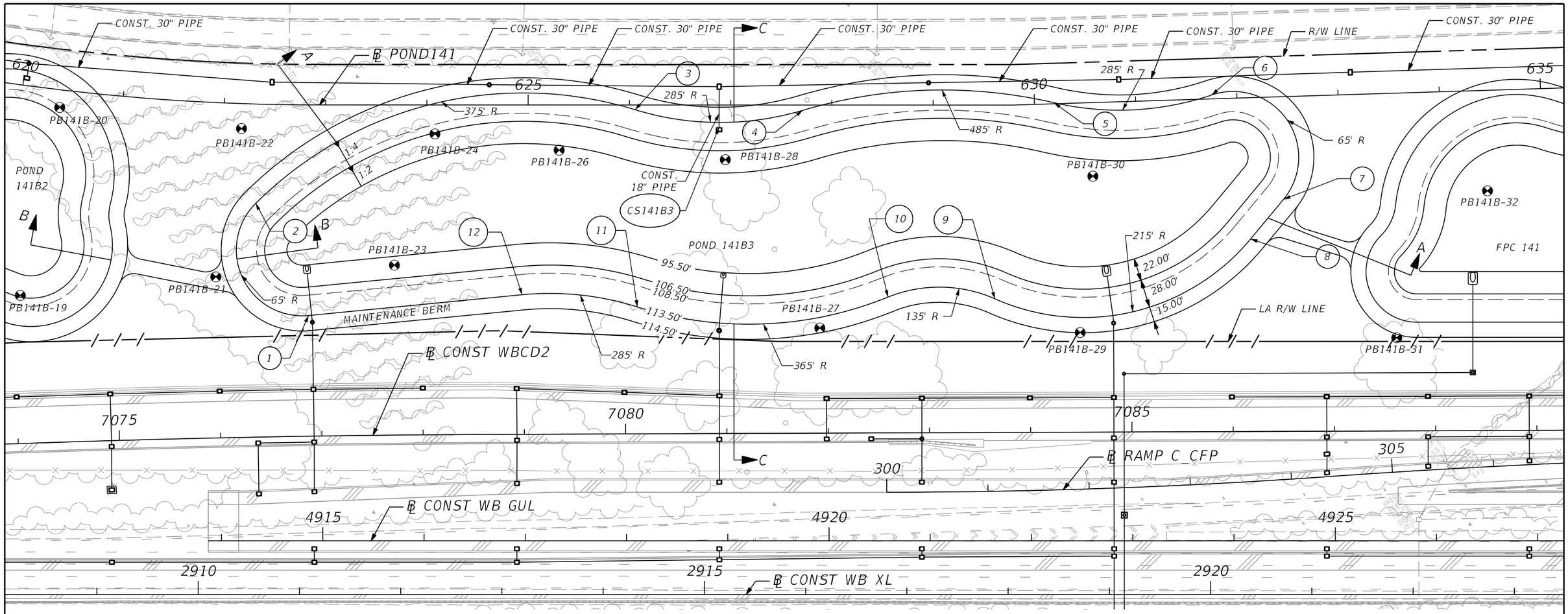


LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
⊠ = APPROXIMATE BORING LOCATION

NOTES:

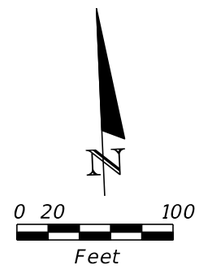
1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 65 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE AND SKIMMER INFORMATION.

POND 141B3
WET DETENTION POND
NWL = 108.50'
DHW = 111.65' (025Y024HR)

REFERENCE POINT	℄ POND141	OFFSET (FT)	SIDE
1	622+84.01	207.94	RT
2	622+33.63	97.98	RT
3	626+05.56	4.64	RT
4	627+70.86	5.33	RT
5	630+19.35	1.10	LT
6	631+75.41	3.88	LT
7	632+42.99	101.39	RT
8	632+09.24	139.51	RT
9	629+60.94	191.35	RT
10	628+55.42	189.66	RT
11	626+07.82	199.38	RT
12	624+94.08	187.39	RT



PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
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www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND 141B3

SHEET NO.
447

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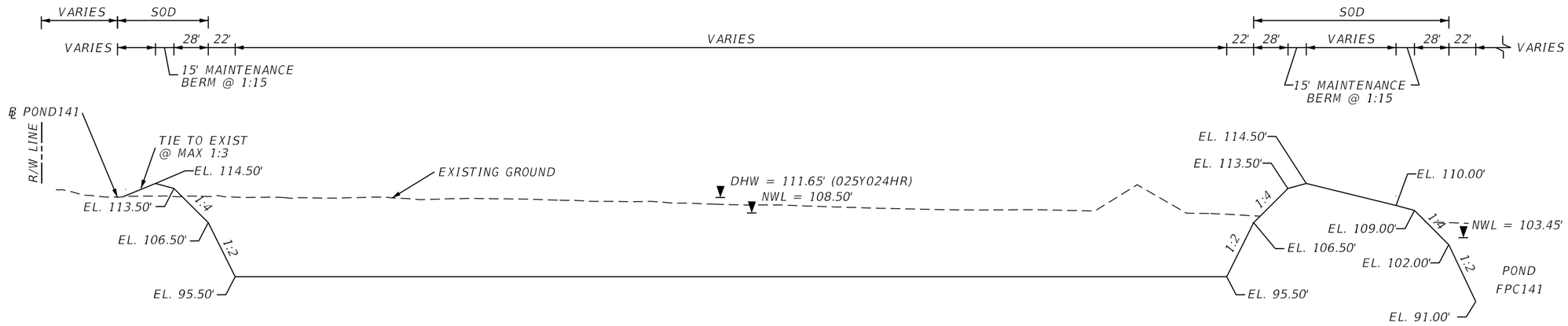
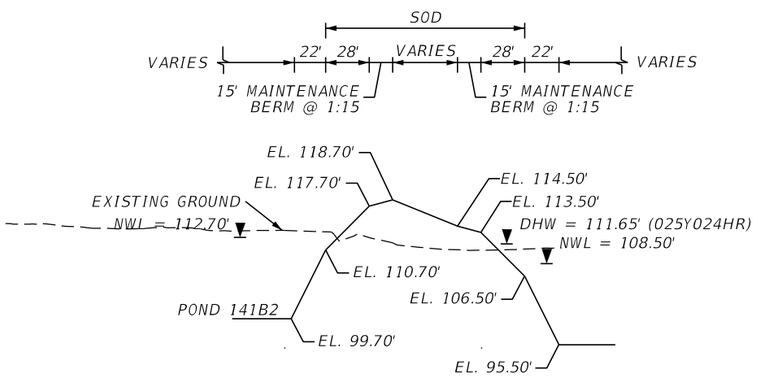


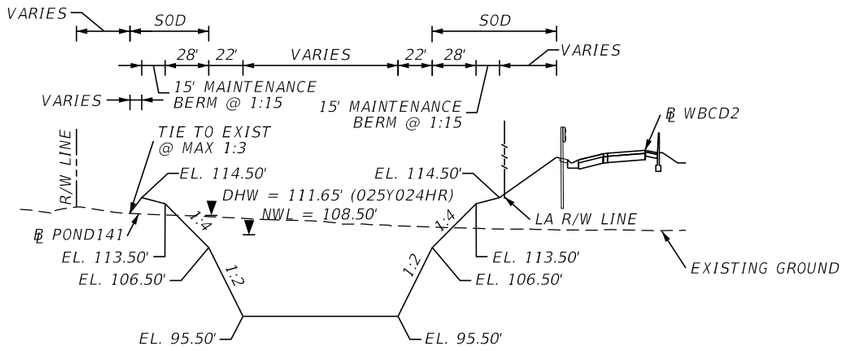
POND 141B3 SECTION A-A

NTS



POND 141B3 SECTION B-B

NTS



POND 141B3 SECTION C-C

NTS

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
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Orlando, FL, 32801
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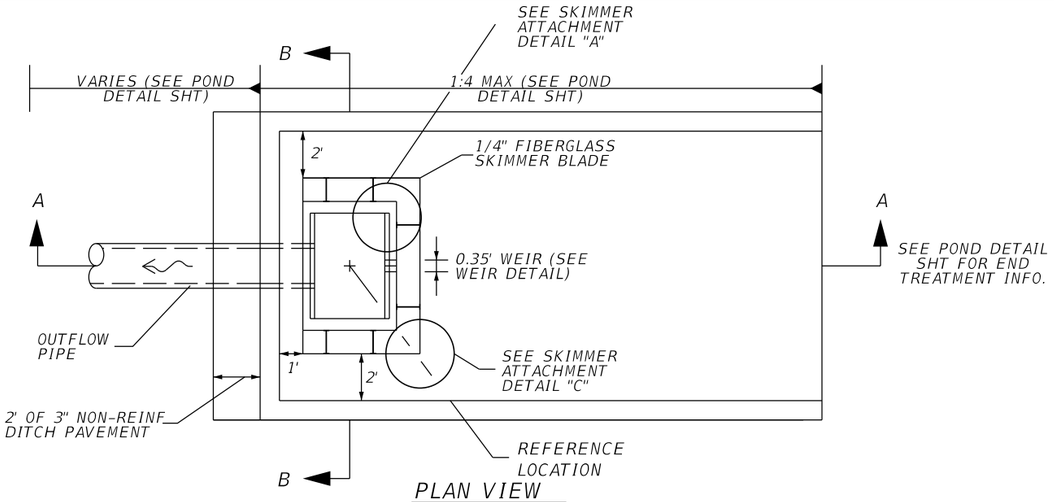
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

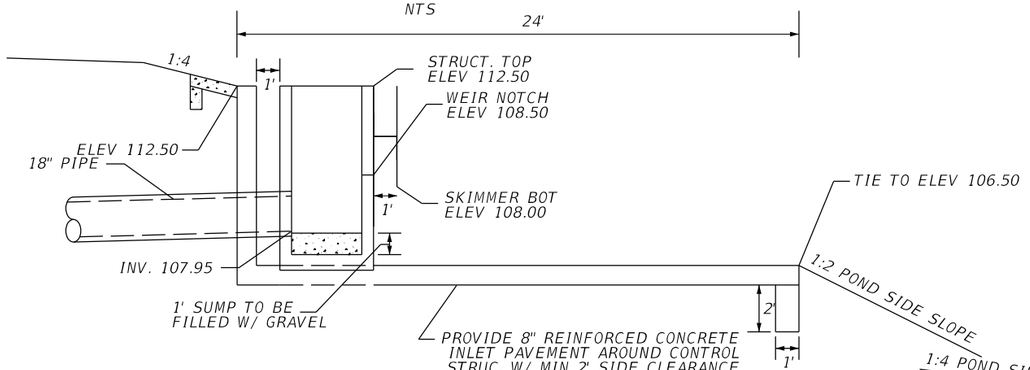
POND TYPICAL SECTIONS
POND 141B3

SHEET NO. 448

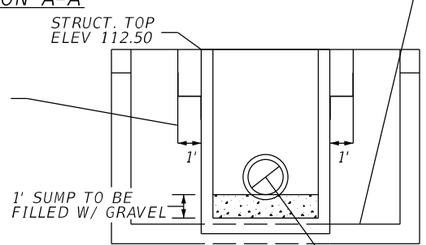
glen.dvorovy 2/26/2021 10:13:36 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD03_POND141B3_B.DGN



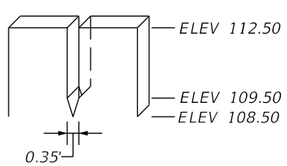
PLAN VIEW
NTS



SECTION A-A
NTS



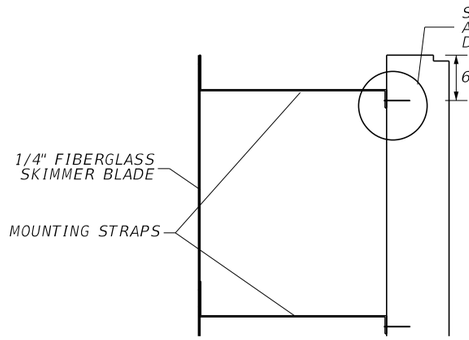
SECTION B-B
NTS



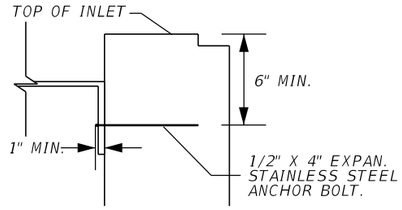
WEIR DETAIL
NTS

CONTROL STRUCTURE CS141B3
CONST MODIFIED TYPE E DBI
@ POND141, STA 626+88.51, 24.40' RT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS

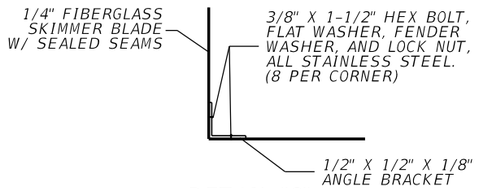
SKIMMER ATTACHMENT DETAILS



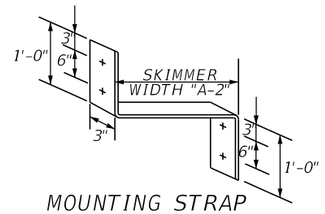
DETAIL "A"
NTS



DETAIL "B"
NTS



DETAIL "C"
NTS



MOUNTING STRAP
NTS

NOTE:
1. CONTRACTOR SHALL CUT A STAINLESS STEEL PLATE TO DIMENSION AS SHOWN ON TABLE. USE 1/2" X 4" EXPAN. STAIN-LESS STEEL ANCHOR BOLT.

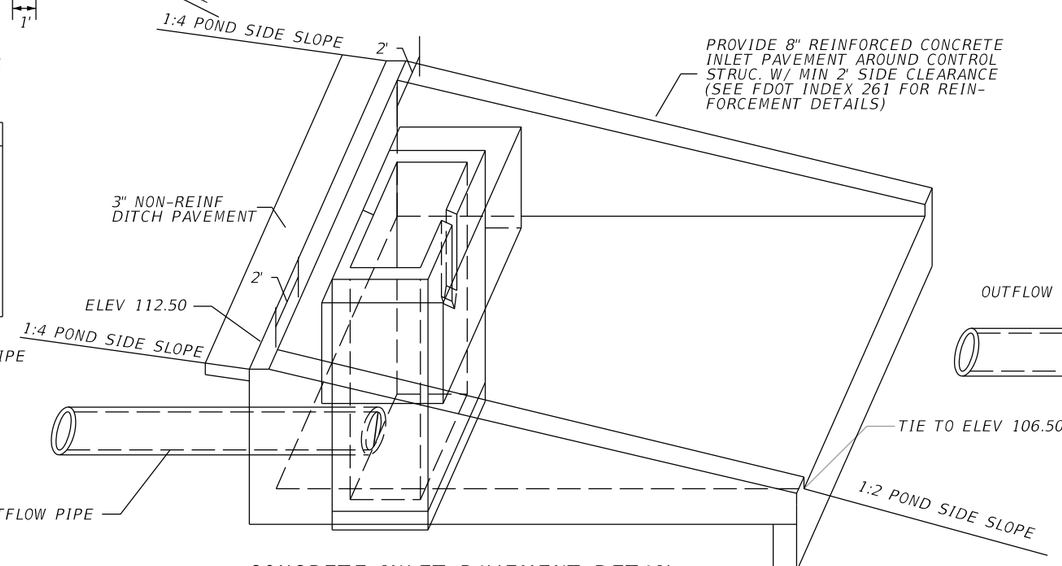
2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

3. SKIMMER ATTACHMENT NOTE: SKIMMER TO BE ATTACHED TO BACK OF STRUCTURE USING 3/8" STAINLESS STEEL STUD TYPE EXPANSION ANCHOR WITH NUT AND WASHER. EMBEDDED DEPTH TO BE 2-1/2". ANCHORS TO BE IN-STALLED PER MANUFACTURER'S RECOMMENDA-TIONS OR AS DIRECTED BY THE ENGINEER.

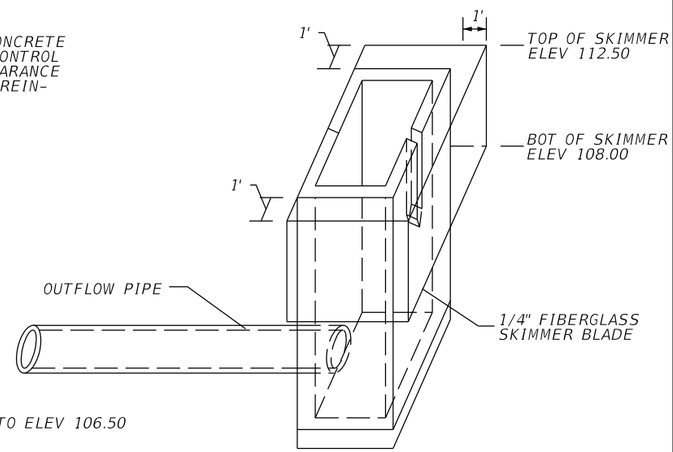
4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

5. FASTEN MOUNTING STRAP IN WITH 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

6. ALL CONTROL STRUCTURES SHALL HAVE STEEL RECTICULAR GRATES.



CONCRETE INLET PAVEMENT DETAIL
NTS



SKIMMER DETAIL
NTS

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

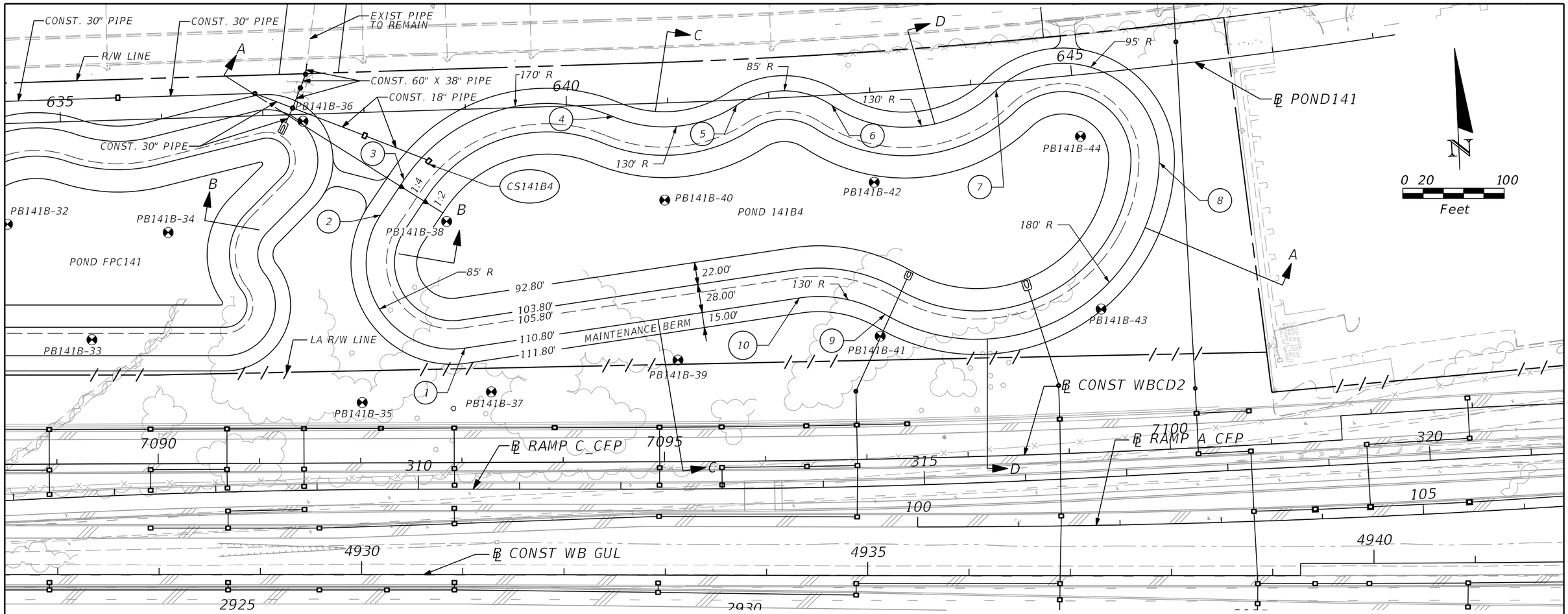
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL POND 141B3

SHEET NO. 449

glen.dvorovy 2/26/2021 10:13:37 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD03_POND141B3_C.DGN



LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
⊗ = APPROXIMATE BORING LOCATION

NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 85 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE AND SKIMMER INFORMATION.

POND 141B4
WET DETENTION POND
NWL = 105.80'
DHW = 108.96' (025Y024HR)

POND 141B4

REFERENCE POINT	℄ POND141	OFFSET (FT)	SIDE
1	638+92.33	235.59	RT
2	638+13.18	101.78	RT
3	638+37.32	67.98	RT
4	640+46.05	12.03	RT
5	641+68.03	5.07	RT
6	642+61.71	10.29	RT
7	644+24.50	7.61	RT
8	645+76.39	94.51	RT
9	643+00.34	219.58	RT
10	642+19.39	198.15	RT

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

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Orlando, FL, 32801
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Certificate of Authorization No. 8115
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND DETAIL
POND 141B4

SHEET NO. 450

PRELIMINARY: NOT FOR CONSTRUCTION

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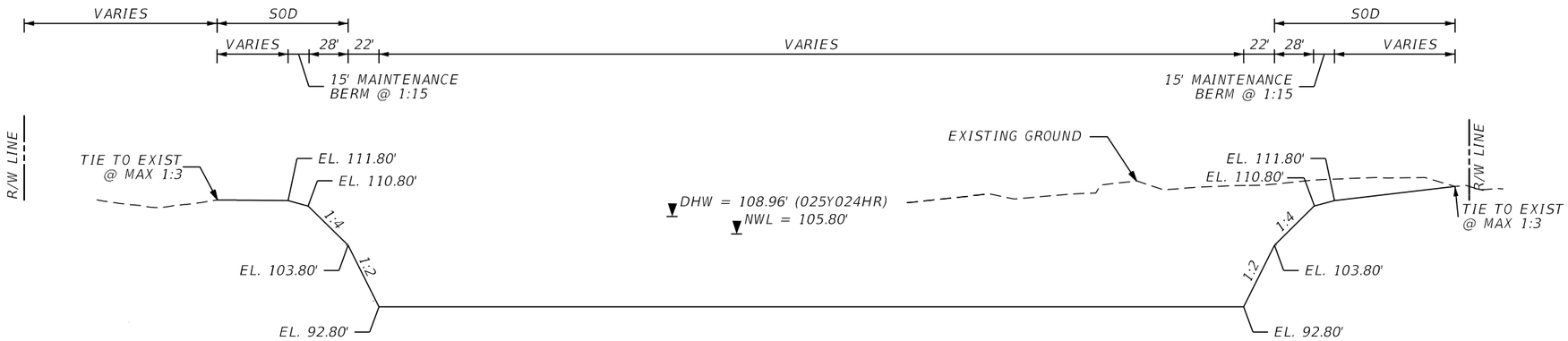
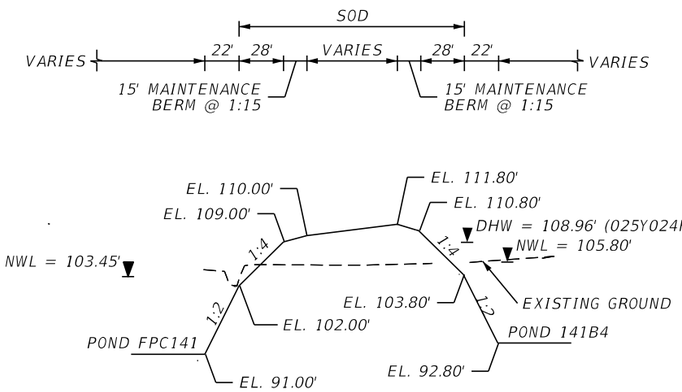
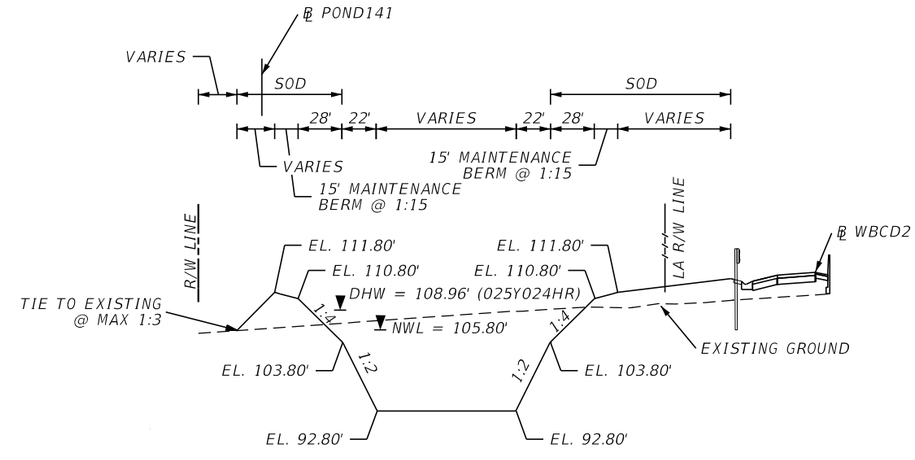


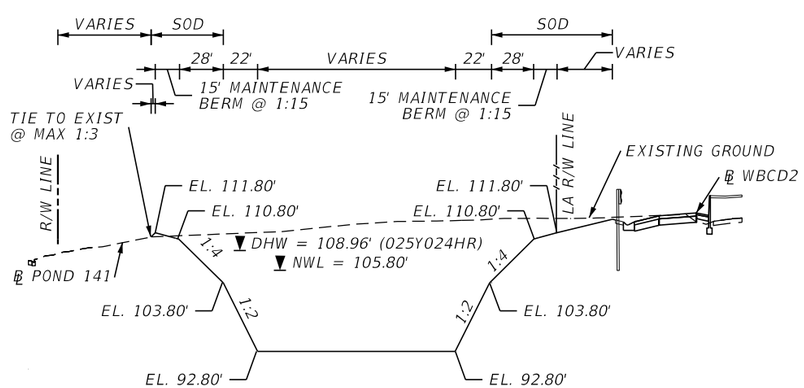
POND 141B4 SECTION A-A
NTS



POND 141B4 SECTION B-B
NTS



POND 141B4 SECTION C-C
NTS



POND 141B4 SECTION D-D
NTS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

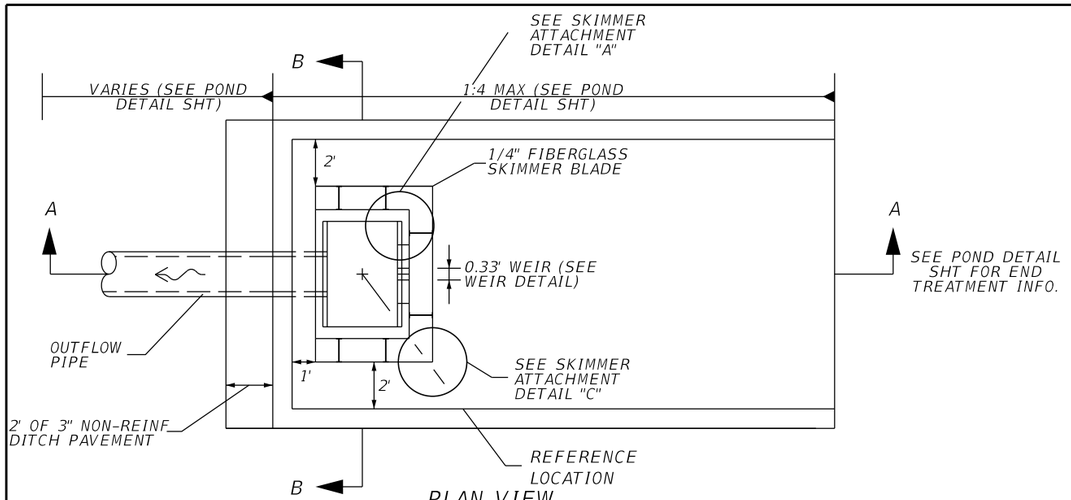
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

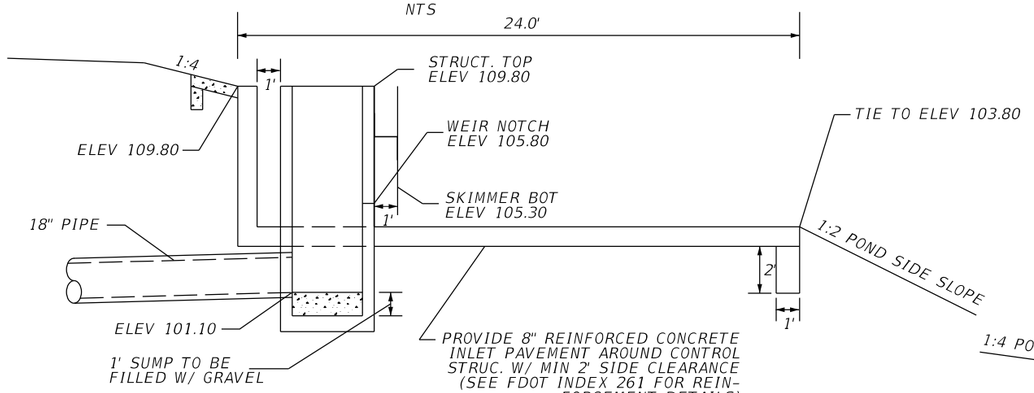
POND TYPICAL SECTIONS
POND 141 B4

SHEET NO. 451

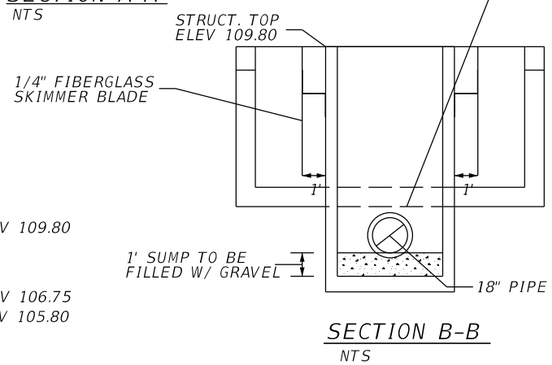
PRELIMINARY: NOT FOR CONSTRUCTION



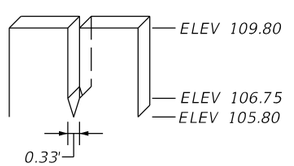
PLAN VIEW
NTS



SECTION A-A
NTS



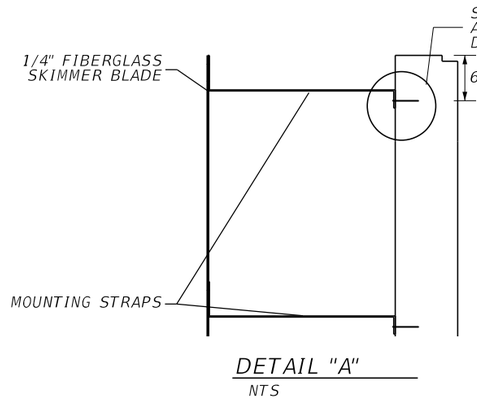
SECTION B-B
NTS



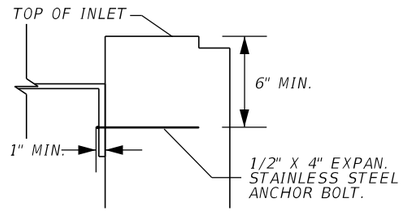
WEIR DETAIL
NTS

CONTROL STRUCTURE CS141B4
CONST MODIFIED TYPE E DBI
@ POND141, STA 638+62.23, 49.95' RT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS

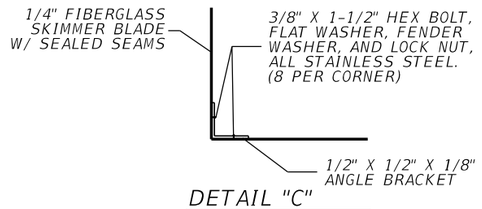
SKIMMER ATTACHMENT DETAILS



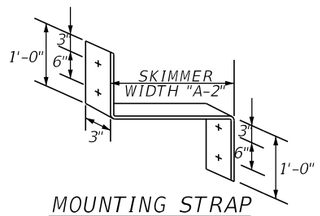
DETAIL "A"
NTS



DETAIL "B"
NTS



DETAIL "C"
NTS



MOUNTING STRAP
NTS

NOTE:
1. CONTRACTOR SHALL CUT A STAINLESS STEEL PLATE TO DIMENSION AS SHOWN ON TABLE. USE 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

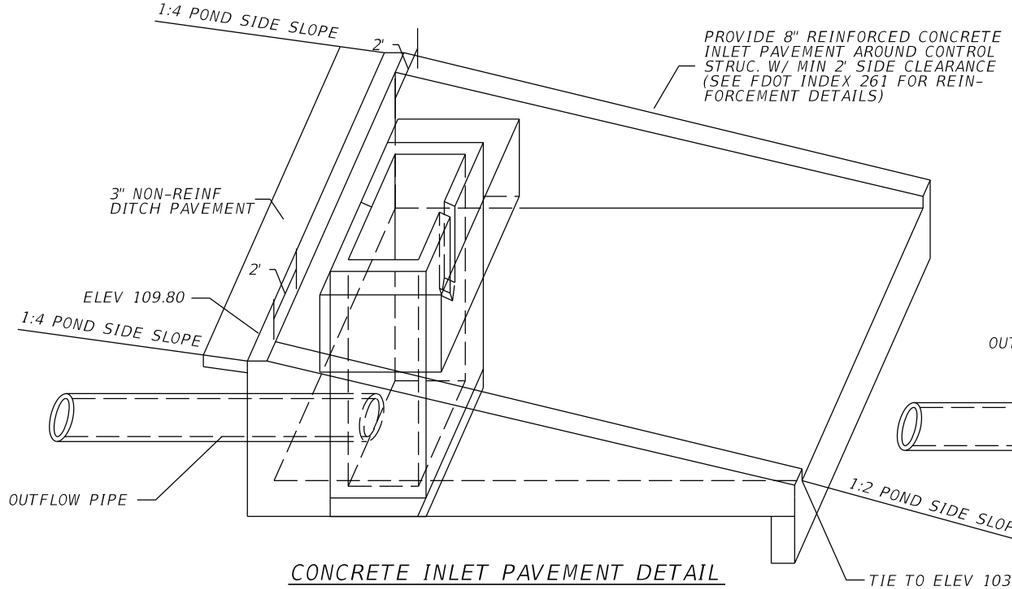
2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

3. SKIMMER ATTACHMENT NOTE: SKIMMER TO BE ATTACHED TO BACK OF STRUCTURE USING 3/8" STAINLESS STEEL STUD TYPE EXPANSION ANCHOR WITH NUT AND WASHER. EMBEDDED DEPTH TO BE 2-1/2". ANCHORS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS OR AS DIRECTED BY THE ENGINEER.

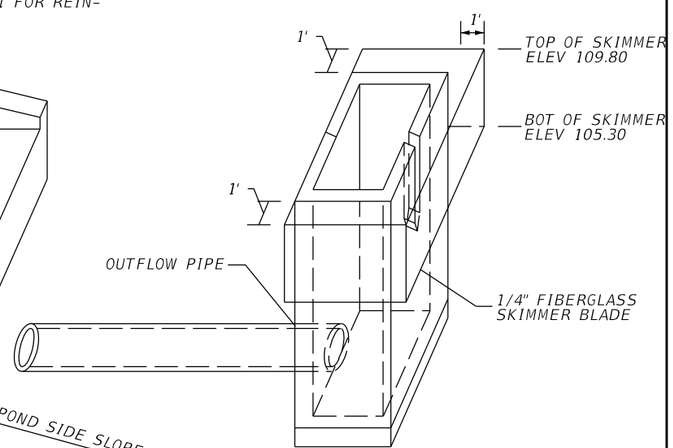
4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

5. FASTEN MOUNTING STRAP IN WITH 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

6. ALL CONTROL STRUCTURES SHALL HAVE STEEL RECTICULAR GRATES.



CONCRETE INLET PAVEMENT DETAIL
NTS



SKIMMER DETAIL
NTS

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL POND 141B4

SHEET NO. 452

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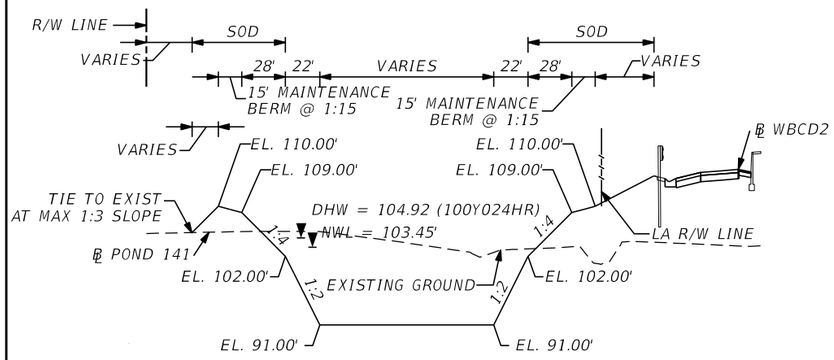
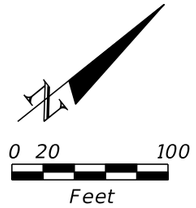


POND FPC141 SECTION B-B
NTS



LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
⊗ = APPROXIMATE BORING LOCATION

NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 30 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

POND FPC141
FLOODPLAIN COMPENSATION POND
NWL = 103.45' (DESIGN SURVEY)
DHW = 104.92 (100Y024HR)

SFPC-478C ℄ RAMP B CFP, STA 236+18.17, 158.27' RT MODIFIED U-TYPE EW OUT INV. = 97.40' (60")	SFPC-479C ℄ RAMP B CFP, STA 236+94.10, 6.13 RT MH TYPE 7 J-BOTTOM IN INV. = 97.45' (60") OUT INV. = 97.45' (60")
SFPC-479B ℄ RAMP B CFP, STA 236+94.10, 28.84 LT MH TYPE 7 J-BOTTOM IN INV. = 97.25' (60") OUT INV. = 97.25' (60")	SFPC-480C ℄ CONST EB GUL, STA 3917+69.92, 57.54 RT MH TYPE 7 J-BOTTOM IN INV. = 97.23' (60") OUT INV. = 97.23' (60")
SFPC-494B ℄ CONST EB I4, STA 1905+99.98, 24.35 LT MH TYPE 7 J-BOTTOM IN INV. = 97.11' (60") OUT INV. = 97.11' (60")	SFPC-427A ℄ CONST WB GUL, STA 4922+91.71, 25.36 LT MH TYPE 7 J-BOTTOM IN INV. = 97.00' (60") OUT INV. = 97.00' (60")
SFPC-482C ℄ CONST WBCD2, STA 7084+92.46, 57.49 LT MH TYPE 7 J-BOTTOM IN INV. = 96.88' (60") OUT INV. = 96.88' (60")	SFPC-495C ℄ CONST WBCD2, STA 7088+36.93, 57.49 LT MH TYPE 7 J-BOTTOM IN INV. = 96.54' (60") OUT INV. = 91.36' (60")
SFPC-496C ℄ CONST WBCD2, STA 7099+37.26, 146.74 LT MES IN INV. = 91.00' (60")	FPC141A ℄ POND141, STA 637+21.18, 10.00 RT MES OUT INV. = 103.45' (30")

POND FPC141 SECTION A-A
NTS

POND FPC141

REFERENCE POINT	℄ POND141	OFFSET (FT)	SIDE	REFERENCE POINT	℄ POND141	OFFSET (FT)	SIDE
1	633+70.59	226.74	RT	6	636+92.33	4.52	LT
2	633+38.04	140.21	RT	7	637+37.32	80.63	RT
3	633+53.52	109.96	RT	8	637+00.04	115.96	RT
4	635+14.77	12.74	RT	9	636+96.66	155.71	RT
5	635+88.03	18.09	RT	10	636+55.06	235.63	RT

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

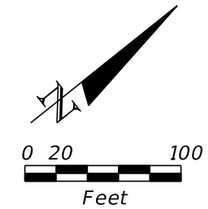
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

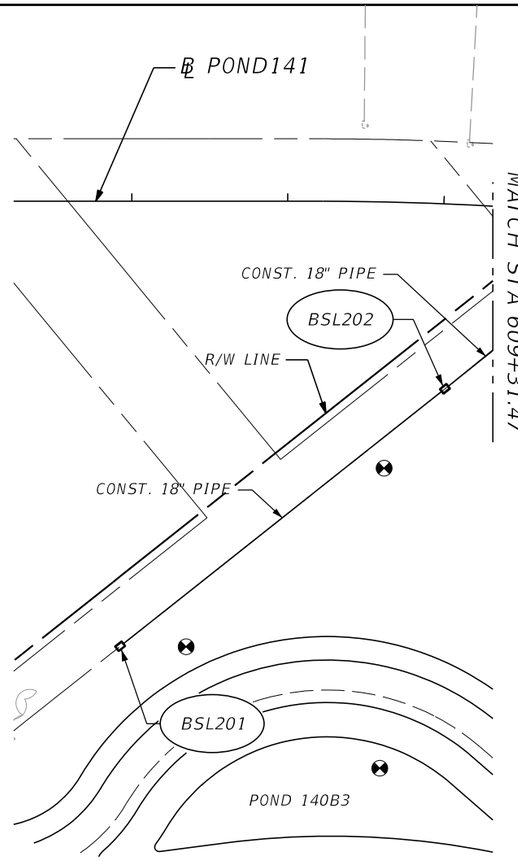
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

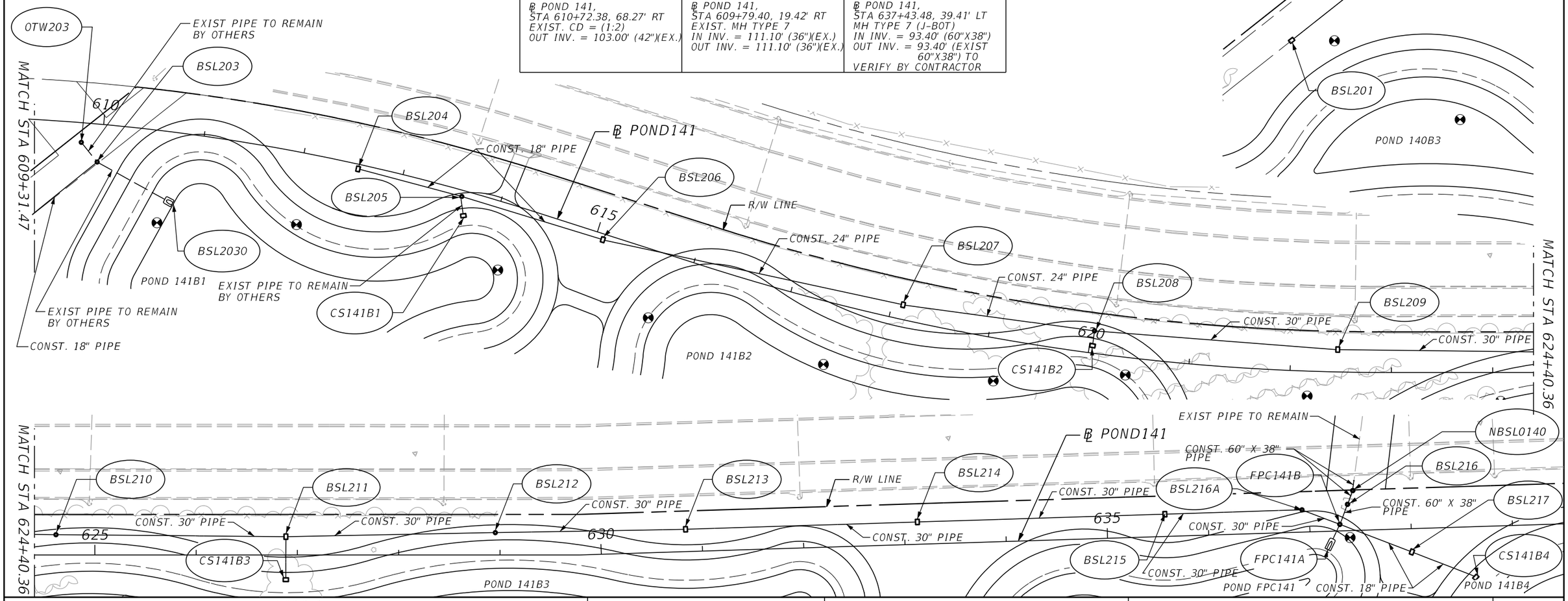
POND DETAIL
POND FPC141

SHEET NO. 453

CS141B1 MODIFIED TYPE E REFER TO CONTROL STRUCTURE DETAIL FOR ADDITION INFO.	CSFPC141 ℄ POND 141, STA 617+14.18, 30.34' RT MES REFER TO POND DETAIL FOR MORE INFORMATION.	BSL204 ℄ POND 141, STA 612+55.40, 4.62' RT DBI TYPE E OUT INV. = 114.70' (18")	BSL208 ℄ POND 141, STA 620+03.20, 22.07' LT MH TYPE 7 IN INV. = 109.30' (24") OUT INV. = 107.20' (30") IN INV. = 108.20' (18")	BSL212 ℄ POND 141, STA 628+95.40, 22.00' LT MH TYPE 7 IN INV. = 105.40' (30") OUT INV. = 105.40' (30")	BSL216A ℄ POND 141, STA 636+92.80, 22.00' LT MH TYPE 7 (J-BOT) IN INV. = 99.40' (30") OUT INV. = 99.40' (30")
CS141B2 MODIFIED TYPE E REFER TO CONTROL STRUCTURE SHEET FOR ADDITIONAL INFO.	BSL201 ℄ POND 141, STA 606+92.58, 284.93' RT DBI TYPE E OUT INV. = 123.70' (18")	BSL205 ℄ POND 141, STA 613+61.61, 6.08' RT EXIST. MH TYPE 7 IN INV. = 114.40' (18") OUT INV. = 112.90' (18") IN INV. = 115.35' (18")(EX.)	BSL209 ℄ POND 141, STA 622+46.62, 22.00' LT DBI TYPE E IN INV. = 106.70' (30") OUT INV. = 106.70' (30")	BSL213 ℄ POND 141, STA 630+83.92, 22.00' LT DBI TYPE E IN INV. = 105.00' (30") OUT INV. = 103.20' (30")	BSL216 ℄ POND 141, STA 637+37.89, 26.06' LT MH TYPE 7 (J-BOT) IN INV. = 93.60' (60"X38") OUT INV. = 93.60' (60"X38")
CS141B3 MODIFIED TYPE E REFER TO CONTROL STRUCTURE DETAIL FOR ADDITIONAL INFO.	BSL202 ℄ POND 141, STA 609+05.84, 118.32' RT DBI TYPE E IN INV. = 119.90' (18") OUT INV. = 119.90' (18")	BSL206 ℄ POND 141, STA 615+07.50, 5.70' RT DBI TYPE E IN INV. = 112.70' (18") OUT INV. = 110.30' (24")	BSL210 ℄ POND 141, STA 624+61.62, 20.00' LT MH TYPE 7 IN INV. = 106.30' (30") OUT INV. = 106.30' (30")	BSL214 ℄ POND 141, STA 633+12.88, 22.00' LT DBI TYPE E IN INV. = 102.70' (30") OUT INV. = 100.20' (30")	BSL217 ℄ POND 141, STA 637+99.98, 22.94' RT DBI TYPE E IN INV. = 101.00' (18") OUT INV. = 98.70' (18")
CS141B4 MODIFIED TYPE E REFER TO CONTROL STRUCTURE DETAIL FOR ADDITIONAL INFO.	BSL203 ℄ POND 141, STA 609+96.91, 37.41' LT EXIST. MH TYPE 7 IN INV. = 111.00' (36")(EX.) OUT INV. = 110.50' (42")(EX.) IN INV. = 117.30; (18")	BSL207 ℄ POND 141, STA 618+11.00, 14.39' LT DBI TYPE E IN INV. = 109.70' (24") OUT INV. = 109.70' (24")	BSL211 ℄ POND 141, STA 626+88.65, 18.09' LT DBI TYPE E IN INV. = 105.80' (30") OUT INV. = 105.80' (30") IN INV. = 107.85' (18")	BSL215 ℄ POND 141, STA 635+57.37, 22.00' LT DBI TYPE E IN INV. = 99.70' (30") OUT INV. = 99.70' (30")	FPC141B ℄ POND 141, STA 637+29.70, 6.53 LT MH TYPE 7 (J-BOT) IN INV. = 103.39' (30") IN INV. = 99.30' (30") IN INV. = 98.55' (18") OUT INV. = 93.70' (60"X38")
			BSL2030 ℄ POND 141, STA 610+72.38, 68.27' RT EXIST. CD = (1:2) OUT INV. = 103.00' (42")(EX.)	OTW203 ℄ POND 141, STA 609+79.40, 19.42' RT EXIST. MH TYPE 7 IN INV. = 111.10' (36")(EX.) OUT INV. = 111.10' (36")(EX.)	NBSL0140 ℄ POND 141, STA 637+43.48, 39.41' LT MH TYPE 7 (J-BOT) IN INV. = 93.40' (60"X38") OUT INV. = 93.40' (EXIST 60"X38") TO VERIFY BY CONTRACTOR







PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

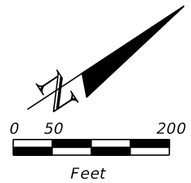
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

OUTFALL SYSTEM
PONDS 141B AND FPC141

SHEET NO. 454

glen.dvorovy 2/26/2021 10:13:54 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD03_POND141FPC_B.DGN



REFERENCE POINT	℄ POND142	OFFSET (FT)	SIDE
1	1005+72.87	189.45	RT
2	1005+42.79	160.86	RT
3	1005+37.41	46.41	RT
4	1005+67.37	15.00	RT
5	1015+80.16	15.00	RT
6	1016+06.23	30.17	RT
7	1016+98.73	192.81	RT
8	1016+68.06	237.29	RT

LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
☢ = APPROXIMATE BORING LOCATION

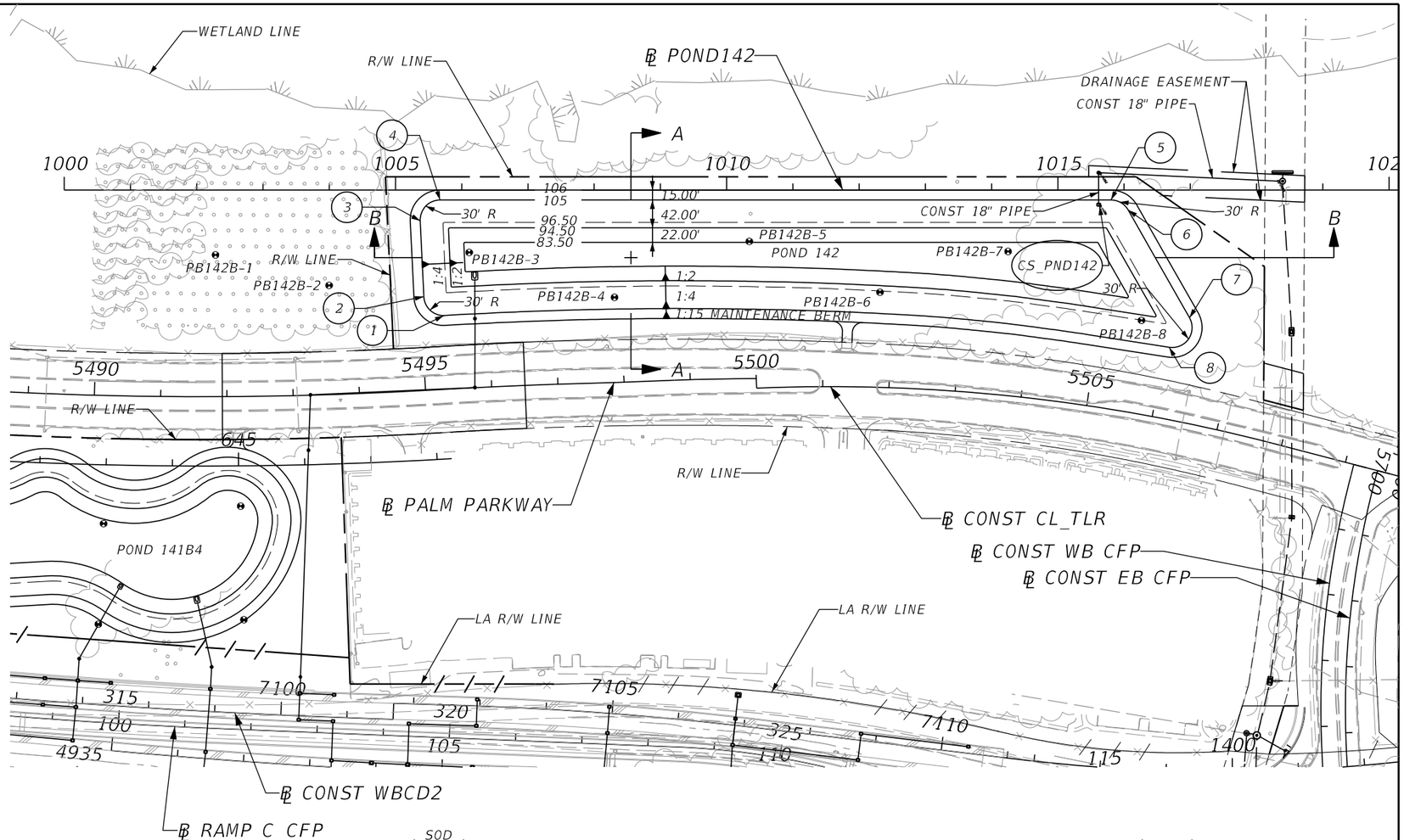
NOTES:

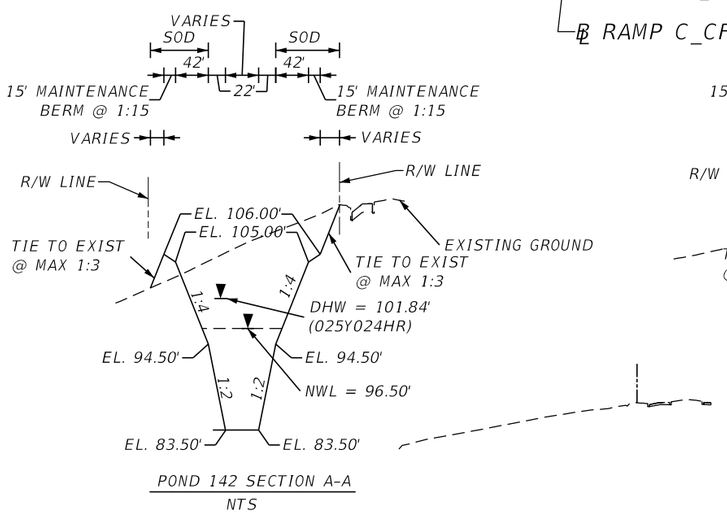
1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 30 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

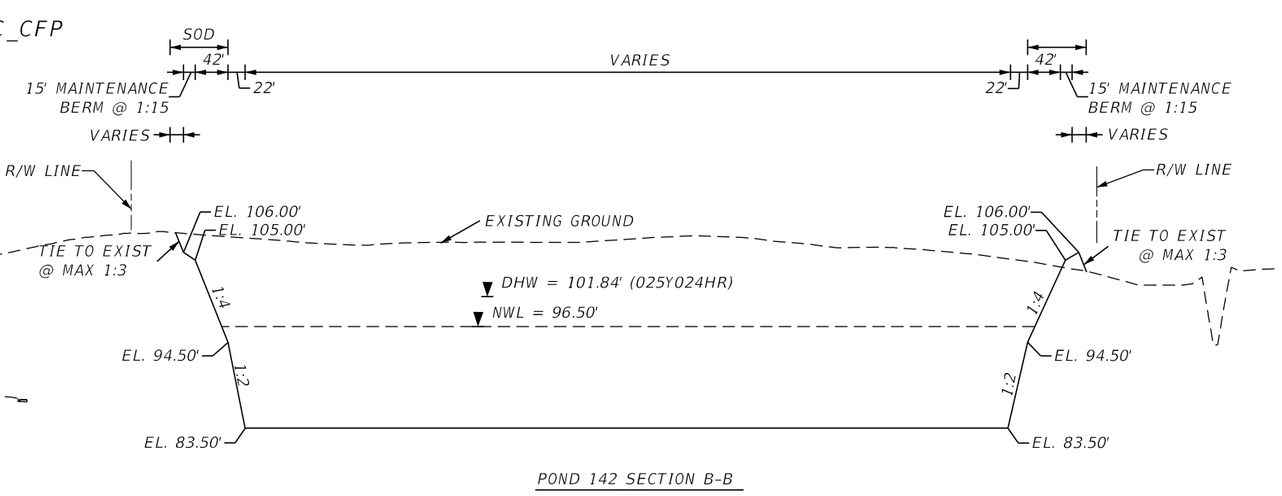
3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE AND SKIMMER INFORMATION.

POND 142
WET DETENTION POND
NWL = 96.50'
DHW = 101.84' (025Y024HR)





POND 142 SECTION A-A
NTS



POND 142 SECTION B-B
NTS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

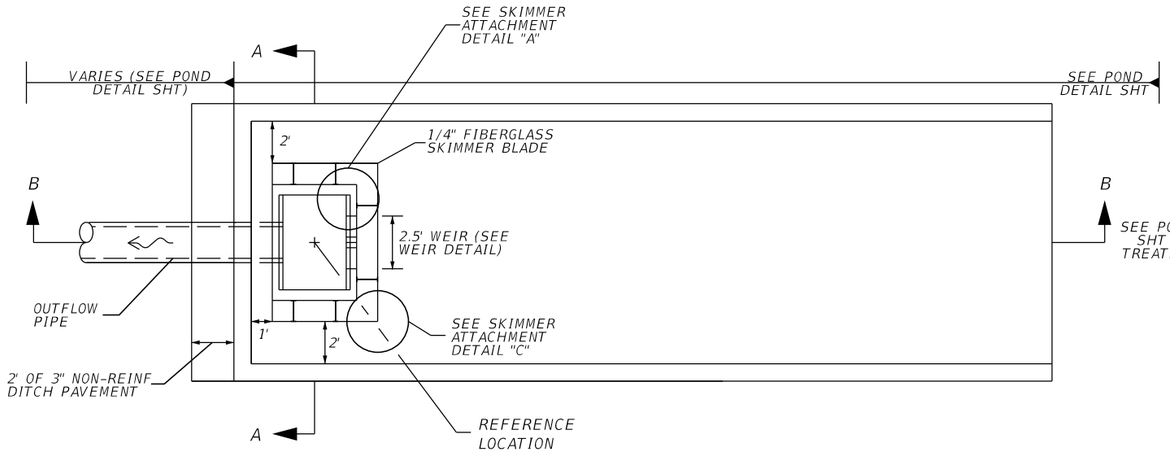
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

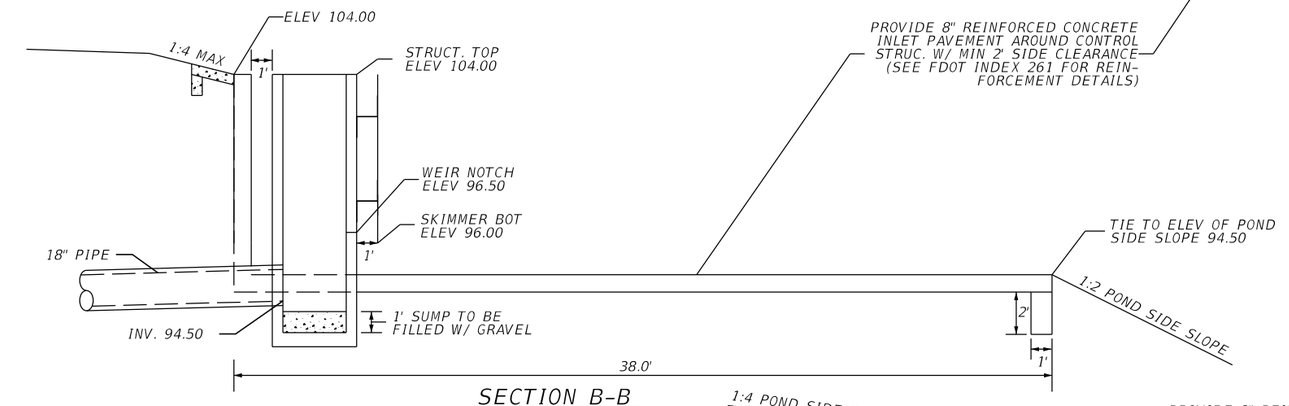
POND DETAIL
POND 142

SHEET NO. 455

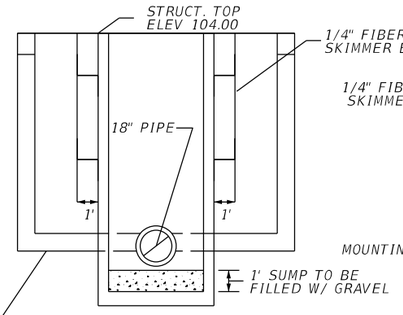
PRELIMINARY; NOT FOR CONSTRUCTION

glen.dvorovy 2/26/2021 10:13:57 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD03_POND142_A.DGN

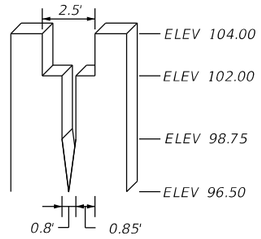




SECTION B-B
NTS

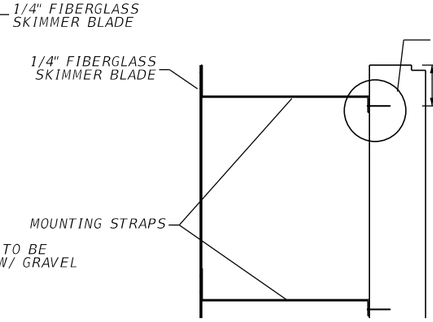


SECTION A-A
NTS

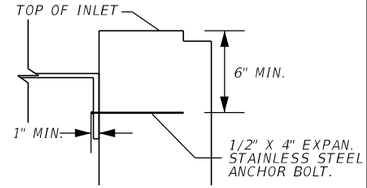


WEIR DETAIL
NTS

SKIMMER ATTACHMENT DETAILS



DETAIL "A"
NTS



DETAIL "B"
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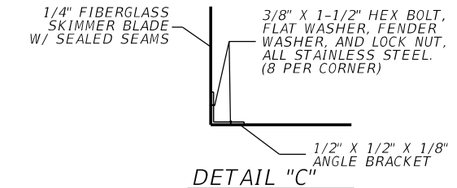
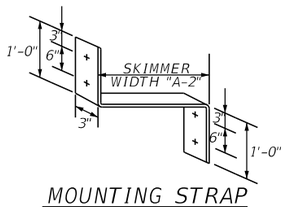


DETAIL "C"
NTS



MOUNTING STRAP
NTS

NOTE:
1. CONTRACTOR SHALL CUT A STAINLESS STEEL PLATE TO DIMENSION AS SHOWN ON TABLE. USE 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

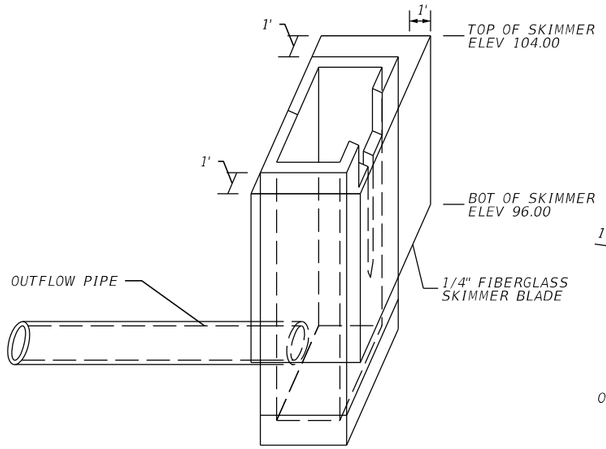
2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

3. SKIMMER ATTACHMENT NOTE: SKIMMER TO BE ATTACHED TO BACK OF STRUCTURE USING 3/8" STAINLESS STEEL STUD TYPE EXPANSION ANCHOR WITH NUT AND WASHER. EMBEDDED DEPTH TO BE 2-1/2". ANCHORS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS OR AS DIRECTED BY THE ENGINEER.

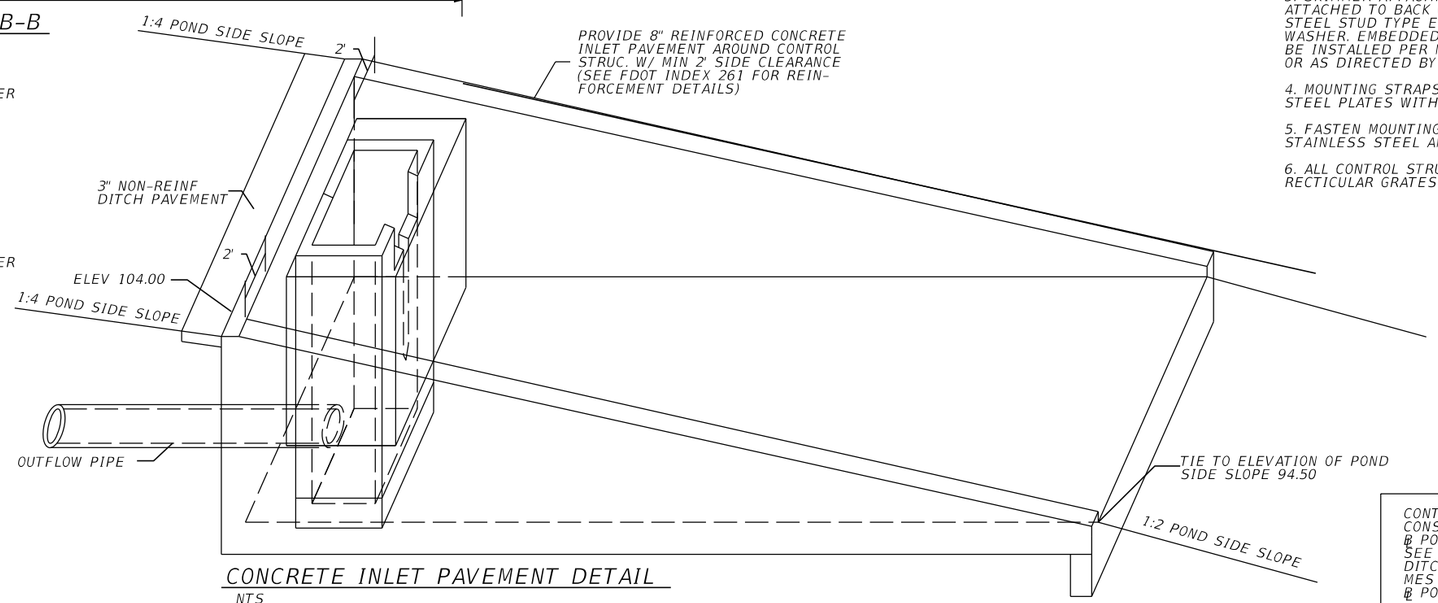
4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

5. FASTEN MOUNTING STRAP IN WITH 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

6. ALL CONTROL STRUCTURES SHALL HAVE STEEL RECTICULAR GRATES.



SKIMMER DETAIL
NTS



CONCRETE INLET PAVEMENT DETAIL
NTS

CONTROL STRUCTURE CS PND142
CONST MODIFIED TYPE E DBI
℄ POND142, STA 1015+61.62, 22.16' RT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS
MES OUTFALLS AT
℄ POND142, STA 1018+40.11, 3.82' LT

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL. 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL
POND 142

SHEET NO. 456

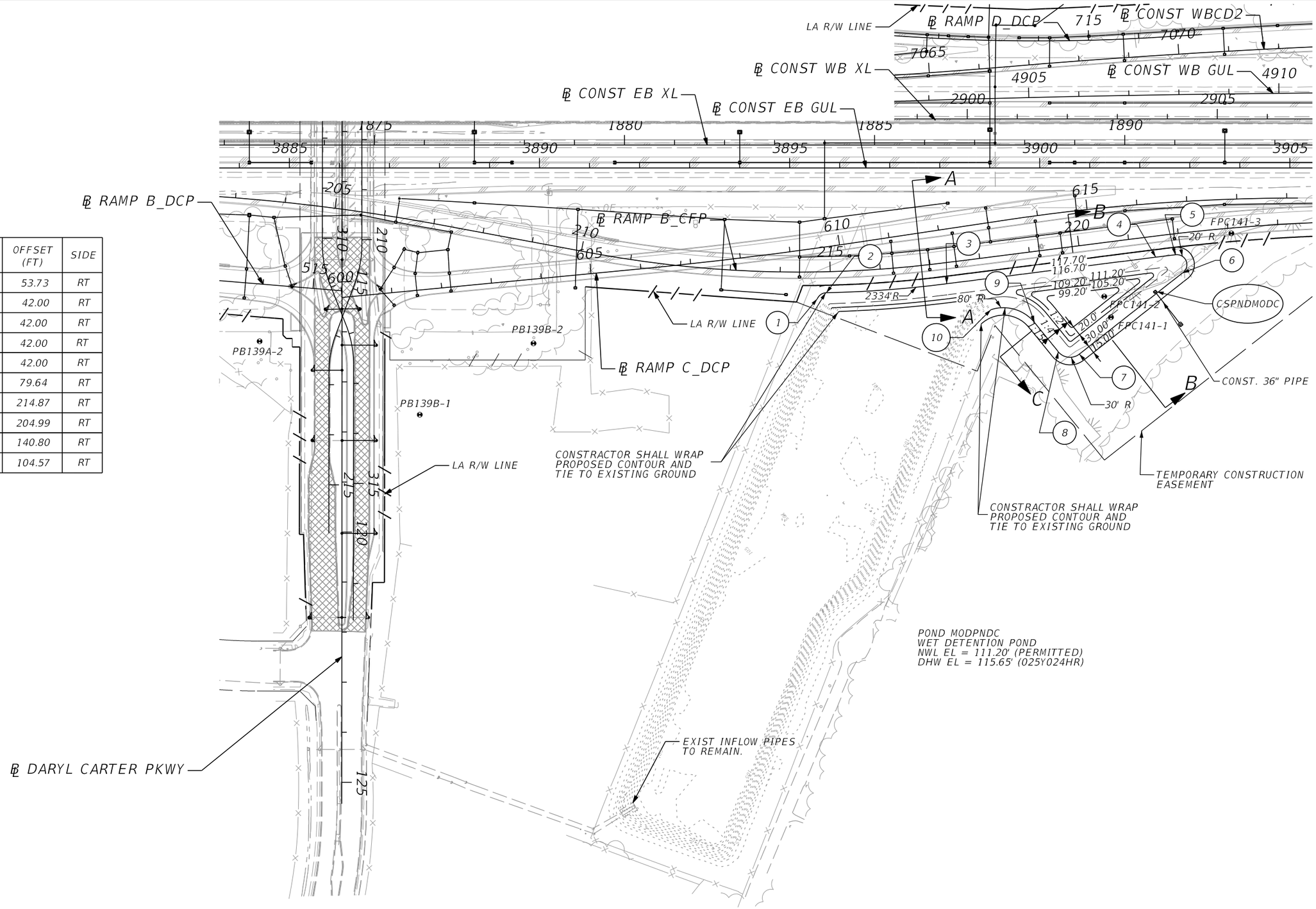
PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/26/2021 10:13:59 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD03_POND142_B.DGN

0 50 200

Feet

REFERENCE POINT	℄ RAMP B_CFP	OFFSET (FT)	SIDE
1	214+73.32	53.73	RT
2	214+91.08	42.00	RT
3	217+28.37	42.00	RT
4	221+49.60	42.00	RT
5	221+89.30	42.00	RT
6	221+99.85	79.64	RT
7	219+73.47	214.87	RT
8	219+32.59	204.99	RT
9	218+92.62	140.80	RT
10	218+09.34	104.57	RT



PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
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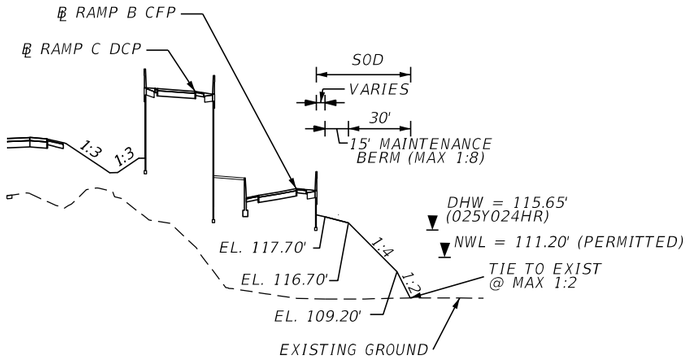
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

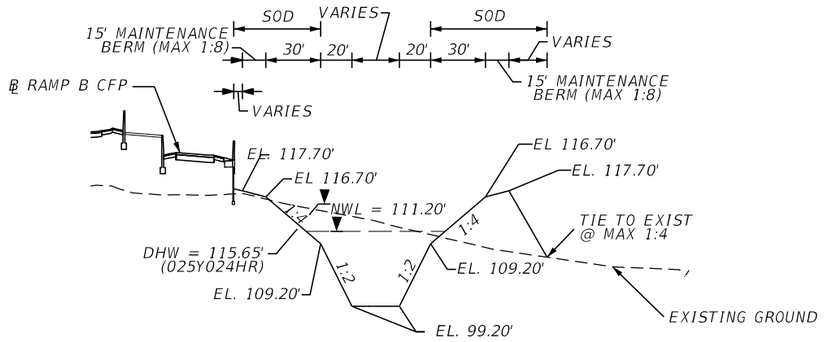
POND DETAIL
POND C

SHEET NO. 457

glen.dvorovy 2/26/2021 10:14:07 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD03_PONDC_A.DGN



POND MODC TYPICAL SECTION A-A
NTS



POND MODC TYPICAL SECTION B-B
NTS

LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
☢ = APPROXIMATE BORING LOCATION

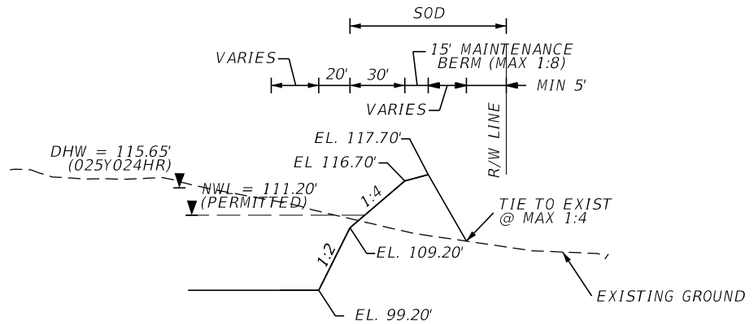
NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF BERM IS 20 FEET. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE AND SKIMMER INFORMATION.

POND C
WET DETENTION POND
NWL = 111.20'
DHW EL = 115.65' (025Y024HR)



POND MODC TYPICAL SECTION C-C
NTS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

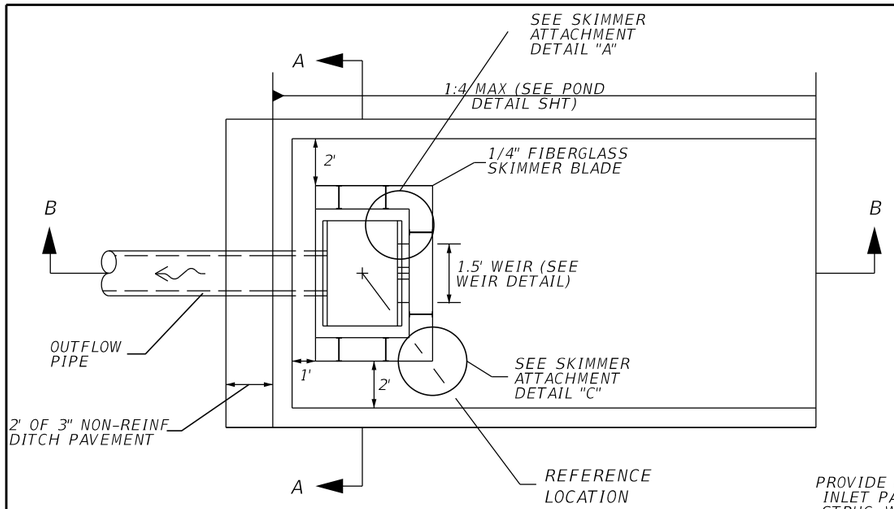
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

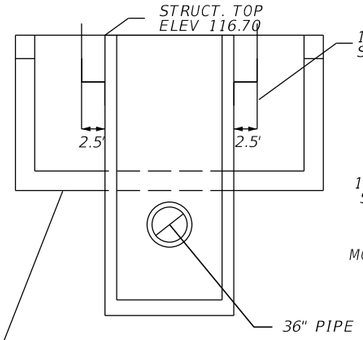
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND TYPICAL SECTIONS
POND C

SHEET NO. 458

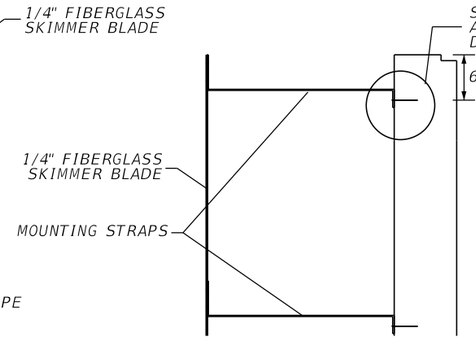
PRELIMINARY: NOT FOR CONSTRUCTION



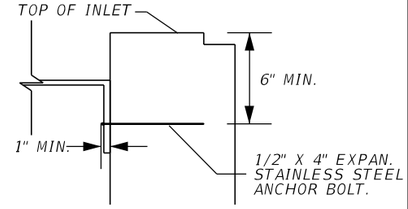


SECTION A-A
NTS

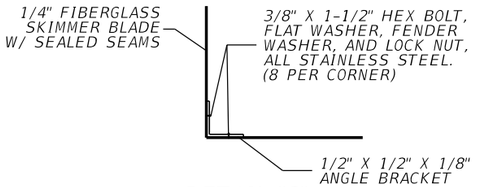
SKIMMER ATTACHMENT DETAILS



DETAIL "A"
NTS



DETAIL "B"
NTS



DETAIL "C"
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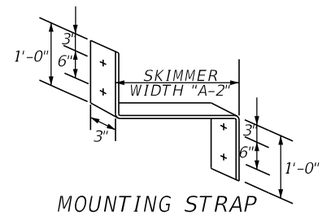
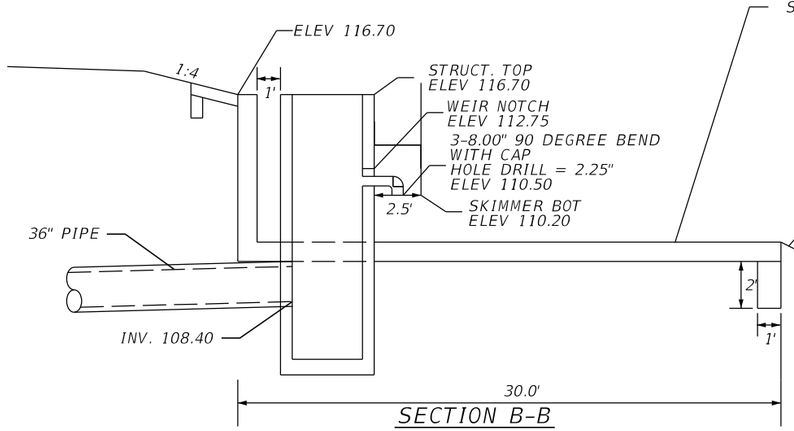
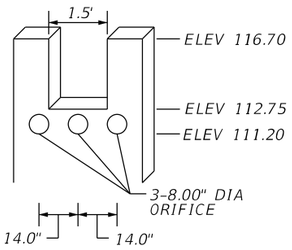


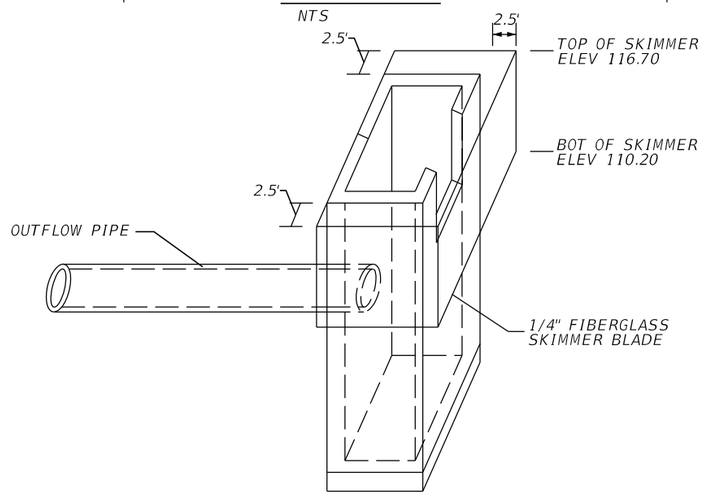
MOUNTING STRAP
NTS



SECTION B-B
NTS



WEIR DETAIL
NTS



SKIMMER DETAIL
NTS

CONCRETE INLET PAVEMENT DETAIL
NTS

NOTE:
1. CONTRACTOR SHALL CUT A STAINLESS STEEL PLATE TO DIMENSION AS SHOWN ON TABLE. USE 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

3. SKIMMER ATTACHMENT NOTE: SKIMMER TO BE ATTACHED TO BACK OF STRUCTURE USING 3/8" STAINLESS STEEL STUD TYPE EXPANSION ANCHOR WITH NUT AND WASHER. EMBEDDED DEPTH TO BE 2-1/2". ANCHORS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS OR AS DIRECTED BY THE ENGINEER.

4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

5. FASTEN MOUNTING STRAP IN WITH 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

6. ALL CONTROL STRUCTURES SHALL HAVE STEEL RECTICULINE GRATES.

CONTROL STRUCTURE CSPNDMODC
CONST MODIFIED TYPE E DBI
℄ RAMP B_CFP, STA 221+31.33, 96.62' RT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS
MES OUTFALLS AT INV = 105.50'
℄ RAMP B_CFP, 221+82.54, 179.63' RT

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CONTROL STRUCTURE DETAIL POND C

SHEET NO. 459

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/26/2021 10:14:10 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\DRDTRD03_PONDC_C.DGN

FOR CONTINUATION SEE SR 400 (I-4) - PLAN 3

FOR CONTINUATION SEE SR 400 (I-4) - PLAN 7

N

0 10 50
Feet

Baseline: SWL_JRCID20			
Point	Northing	Easting	Station
PJRCID1	1,461,484.08	486,415.00	100+00.00
PJRCID2	1,461,593.87	486,355.54	101+24.86
PJRCID3	1,461,613.53	486,351.84	101+44.86
PJRCID4	1,461,693.68	486,385.03	102+31.61
PJRCID5	1,461,742.93	486,413.71	102+88.61
PJRCID6	1,461,804.97	486,413.88	103+50.65
PJRCID7	1,461,878.08	486,426.23	104+24.79
PJRCID8	1,461,972.56	486,434.67	105+19.65
PJRCID9	1,461,985.08	486,448.83	105+38.56
PJRCID10	1,461,997.24	486,594.47	106+84.70
PJRCID11	1,462,012.69	486,622.65	107+16.84
PJRCID12	1,462,029.03	486,637.66	107+39.03
PJRCID13	1,462,144.61	486,734.80	108+90.00
PJRCID14	1,462,210.17	486,795.43	109+79.30
PJRCID15	1,462,413.52	486,956.36	112+38.62
PJRCID16	1,462,526.57	487,050.60	113+85.81
PJRCID17	1,462,753.41	487,165.91	116+40.27
PJRCID18	1,463,051.09	487,193.22	119+39.20

DRAINAGE EASEMENT
WETLAND LINE
℄ SWL_JRCID20
WETLAND LINE
WETLAND LINE
LA R/W LINE
FENCE LINE
DRAINAGE EASEMENT
85.00
85.70
85.70
85.00
℄ RAMP A1_536
℄ RAMP A4_536
POND 131A
BFOT(B)
BFOC(D)
BE(B)
101
102
103
104
105
106
107
108
315
316
317
318
319
320
321
622
623
624

POND 131A
O.B. EL 90.50
POND 131A
I.B. EL 90.00
1:4
1:4
LA R/W
1:2
POND 131A
BEGIN WEIR - SWALE JRCID20
(LAT)
STA 101+01.90
EL 85.70
END WEIR - SWALE JRCID20
(LAT)
STA 104+34.38
EL 85.70
TIE TO EXIST. GROUND
EXISTING GROUND

90
85
80

100+00 101+00 102+00 103+00 104+00 105+00 106+00 107+00

1"=50' HORIZ
1"=5' VERT

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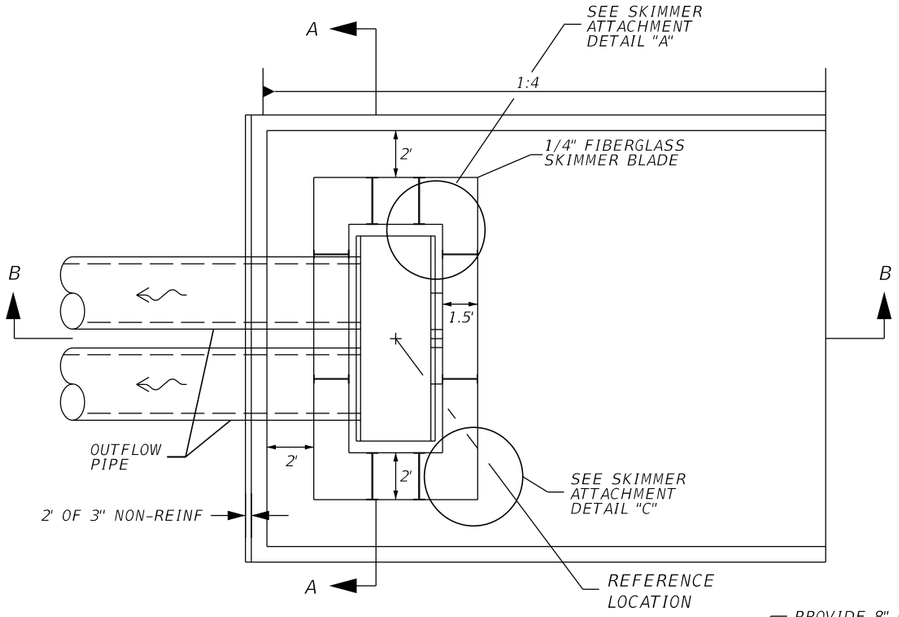
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

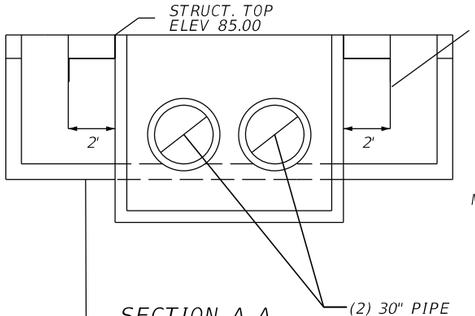
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR400	ORANGE	242484-8-52-01

DRAINAGE DETAILS
SWALE JRCID20 - WTLND E

SHEET NO. 460

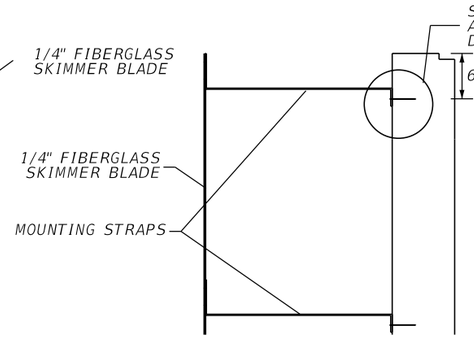
glen.dvorovy 2/26/2021 7:18:44 AM c:\pwworking\aecom_na\glen.dvorovy\dms28288\LDPRRD06_SWALE.DGN



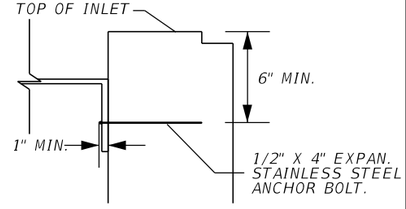


SECTION A-A
NTS

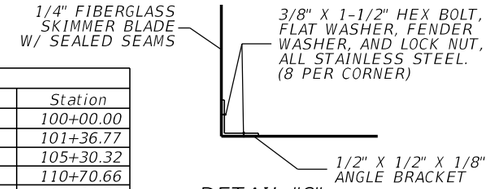
SKIMMER ATTACHMENT DETAILS



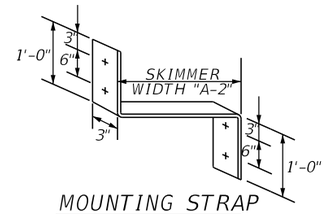
DETAIL "A"
NTS



DETAIL "B"
NTS

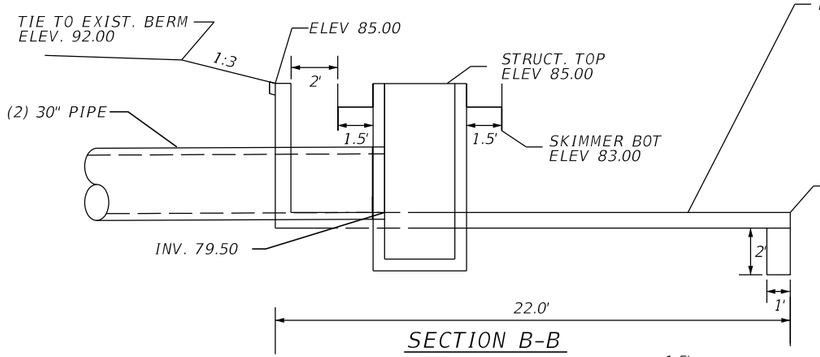


DETAIL "C"
NTS

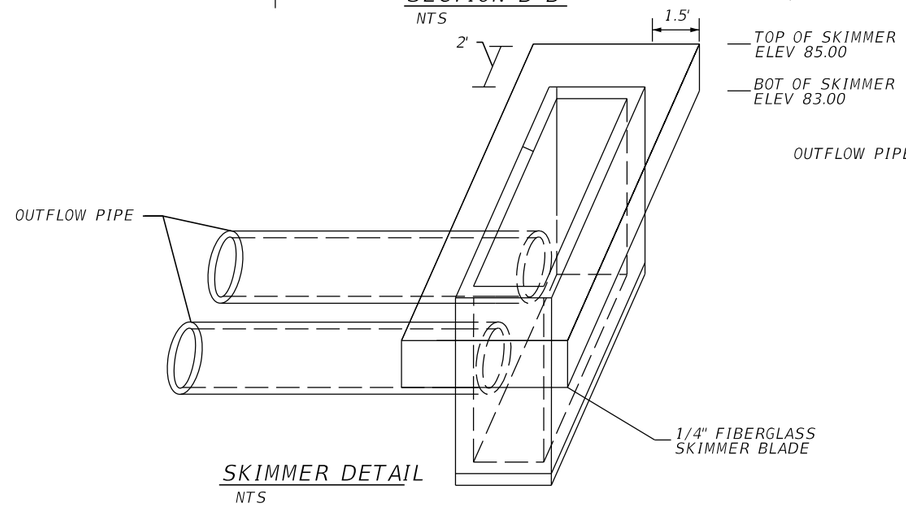


MOUNTING STRAP
NTS

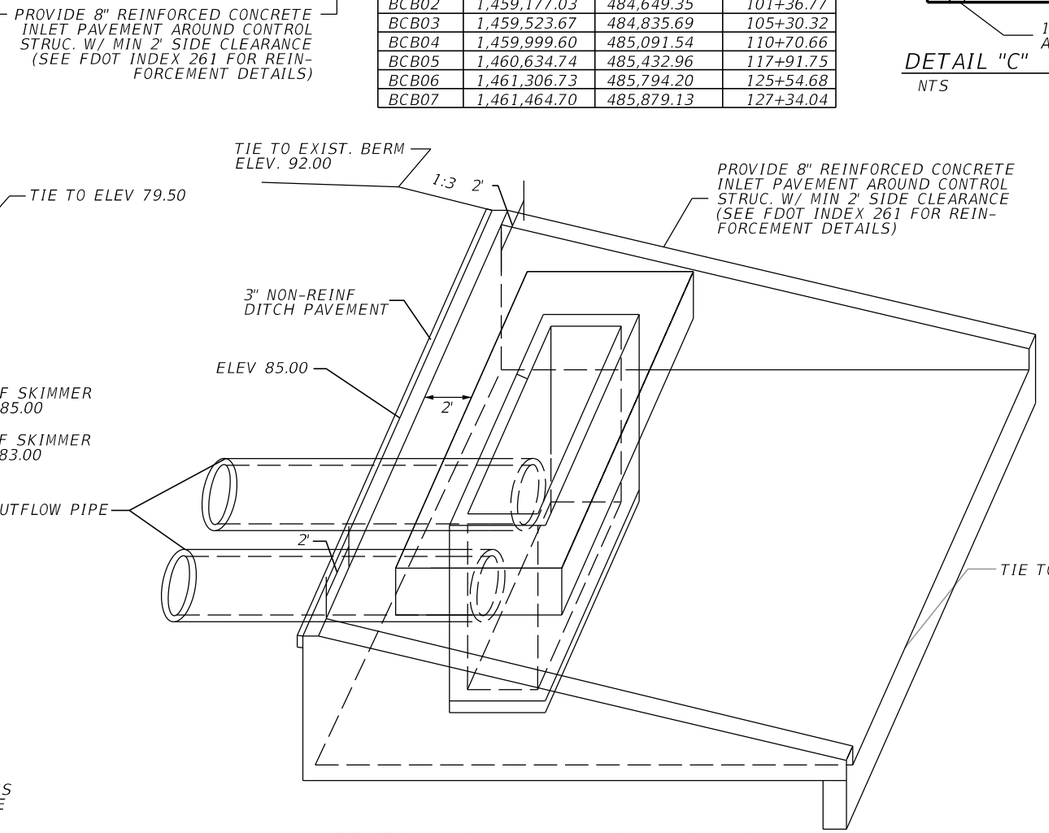
Baseline: BCBERM			
Point	Northing	Easting	Station
BCB01	1,459,056.56	484,584.59	100+00.00
BCB02	1,459,177.03	484,649.35	101+36.77
BCB03	1,459,523.67	484,835.69	105+30.32
BCB04	1,459,999.60	485,091.54	110+70.66
BCB05	1,460,634.74	485,432.96	117+91.75
BCB06	1,461,306.73	485,794.20	125+54.68
BCB07	1,461,464.70	485,879.13	127+34.04



SECTION B-B
NTS



SKIMMER DETAIL
NTS



CONCRETE INLET PAVEMENT DETAIL
NTS

NOTE:
1. CONTRACTOR SHALL CUT A STAINLESS STEEL PLATE TO DIMENSION AS SHOWN ON TABLE. USE 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

3. SKIMMER ATTACHMENT NOTE: SKIMMER TO BE ATTACHED TO BACK OF STRUCTURE USING 3/8" STAINLESS STEEL STUD TYPE EXPANSION ANCHOR WITH NUT AND WASHER. EMBEDDED DEPTH TO BE 2-1/2". ANCHORS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS OR AS DIRECTED BY THE ENGINEER.

4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

5. FASTEN MOUNTING STRAP IN WITH 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

6. ALL CONTROL STRUCTURES SHALL HAVE STEEL RETICULINE GRATES.

CONTROL STRUCTURE CS-WET-E1
CONST MODIFIED TYPE H DBI W/ 4 GRATES
℄ BCBERM, STA 120+50.00, 40.18' RT
SEE STRUCTURE, WEIR, SKIMMER, MES OUTFALLS AT INV= 79.00'
℄ BCBERM, STA 120+50.00, 69.81 LT

CONTROL STRUCTURE CS-WET-E2
CONST MODIFIED TYPE H DBI W/ 4 GRATES
℄ BCBERM, STA 122+80.00, 40.18' RT
SEE STRUCTURE, WEIR, SKIMMER, MES OUTFALLS AT INV= 79.00'
℄ BCBERM, STA 122+80.00, 69.81 LT

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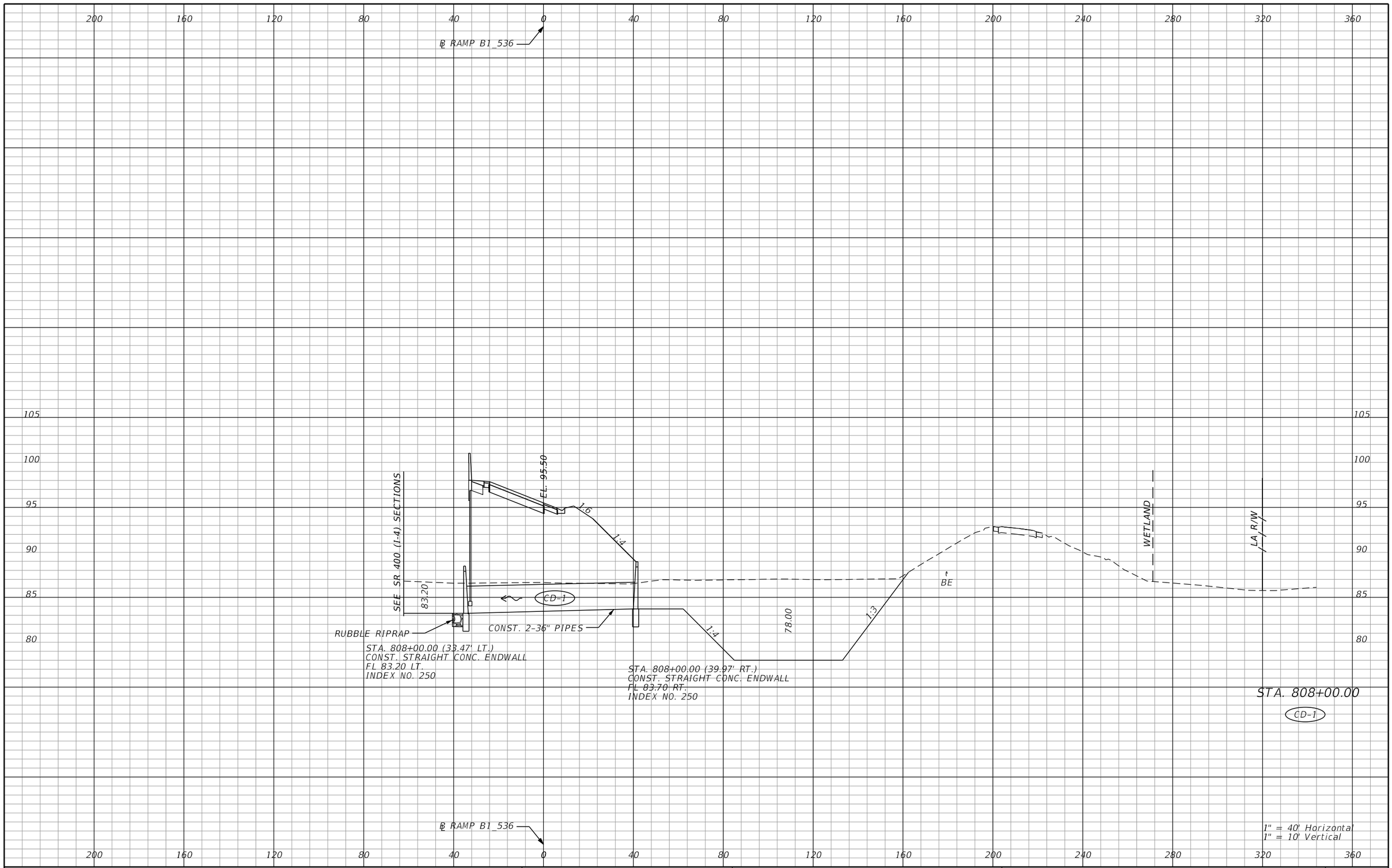
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DRAINAGE DETAILS
WTLND E CONTROL STRUCTURES

SHEET NO. 461

PRELIMINARY: NOT FOR CONSTRUCTION



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

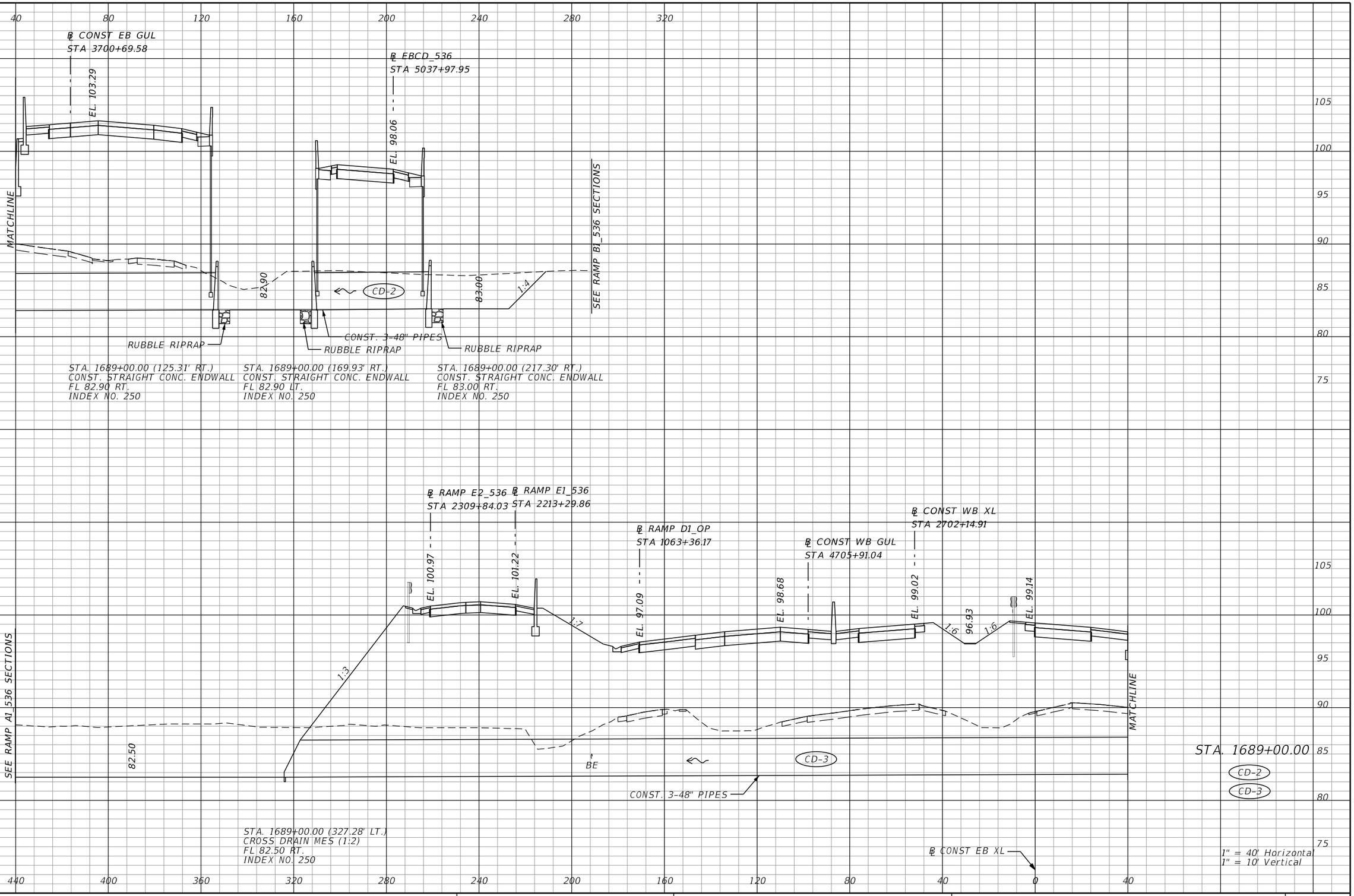
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1 536
DRAINAGE STRUCTURES

SHEET NO. 462

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/26/2021 7:17:54 AM c:\pwworking\aecom_na\glen.dvorovy\dms28295\DRXSRD01_SEGE2.DGN



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
DRAINAGE STRUCTURES

SHEET NO. 463

PRELIMINARY: NOT FOR CONSTRUCTION

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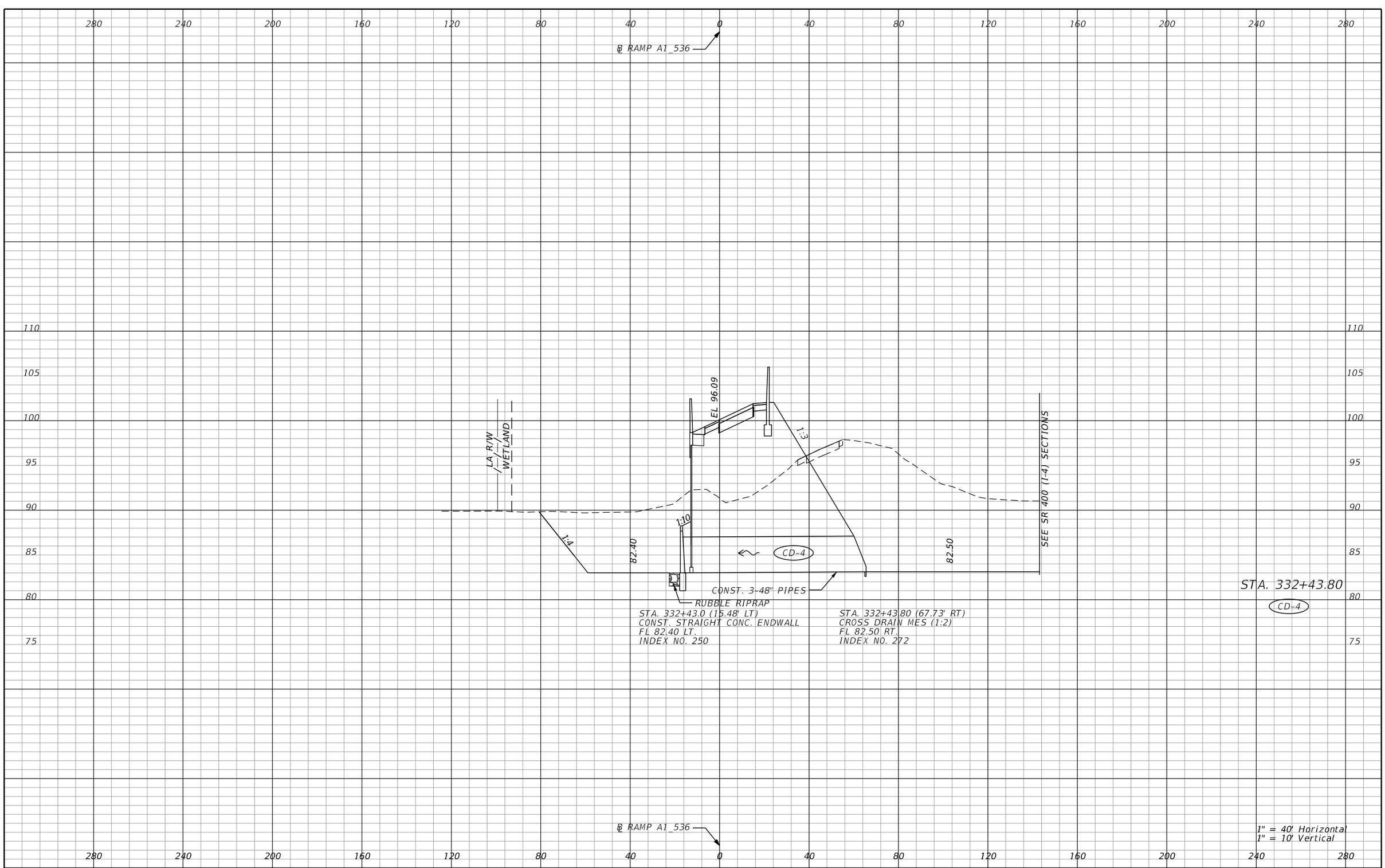

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A1 536
DRAINAGE STRUCTURES

SHEET NO. 464

PRELIMINARY: NOT FOR CONSTRUCTION

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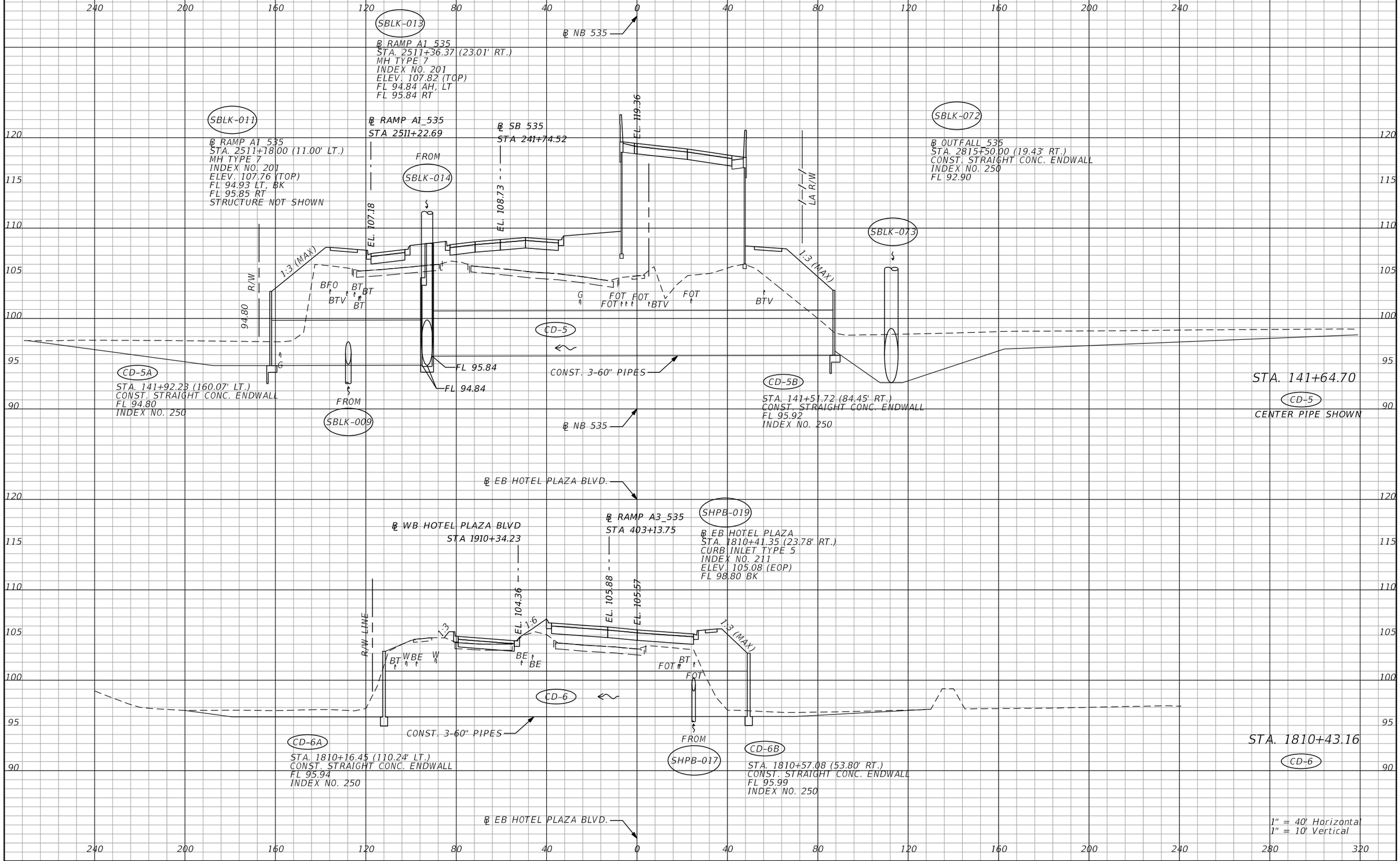

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
DRAINAGE STRUCTURES

SHEET NO. 465

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ CONST WB XL
STA 2948+53.73
EL. 154.10
EL. 137.25
EL. 139.08
1.6
1.7
℄ CONST WB GUL
STA 4952+43.34
EL. 129.53
℄ CONST EB GUL
STA 3946+86.52
EL. 131.31
℄ RAMP B_CFP
STA 265+89.45
EL. 112.96
EL. 111.01
1.3
1.4
MATCHLINE
EXIST. STRUCT.
TO REMAIN.
CONTRACTOR
TO ADJUST TOP
TO MATCH
NEW GRADE.
EXISTING 2-48"
PIPE TO REMAIN
CONSTRUCT PIPE CAP
94.60
94.59
94.31
2-48" PIPE
℄ RAMP A_CFP
STA 117+08.69
EL. 105.07
CONSTRUCT
PIPE CAP
4'X6' CBC
EXTEND BOX CULVERT
PER FDOT INDEX NO. 289
EXISTING 4'X6' TO REMAIN
95.01
95.41
95.10
95.09
94.79
94.78
48" PIPE
94.03
94.21
94.71
EXISTING 2-48" PIPE TO REMAIN
EXISTING MH TO REMAIN.
CONTRACTOR SHALL
REMOVE/ REPLACE
MH TOP TO MATCH
PROPOSED GRADES
℄ CONST EB XL
MATCHLINE
STA. 1935+29.41
CD-7
1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
DRAINAGE STRUCTURES

SHEET NO. 466

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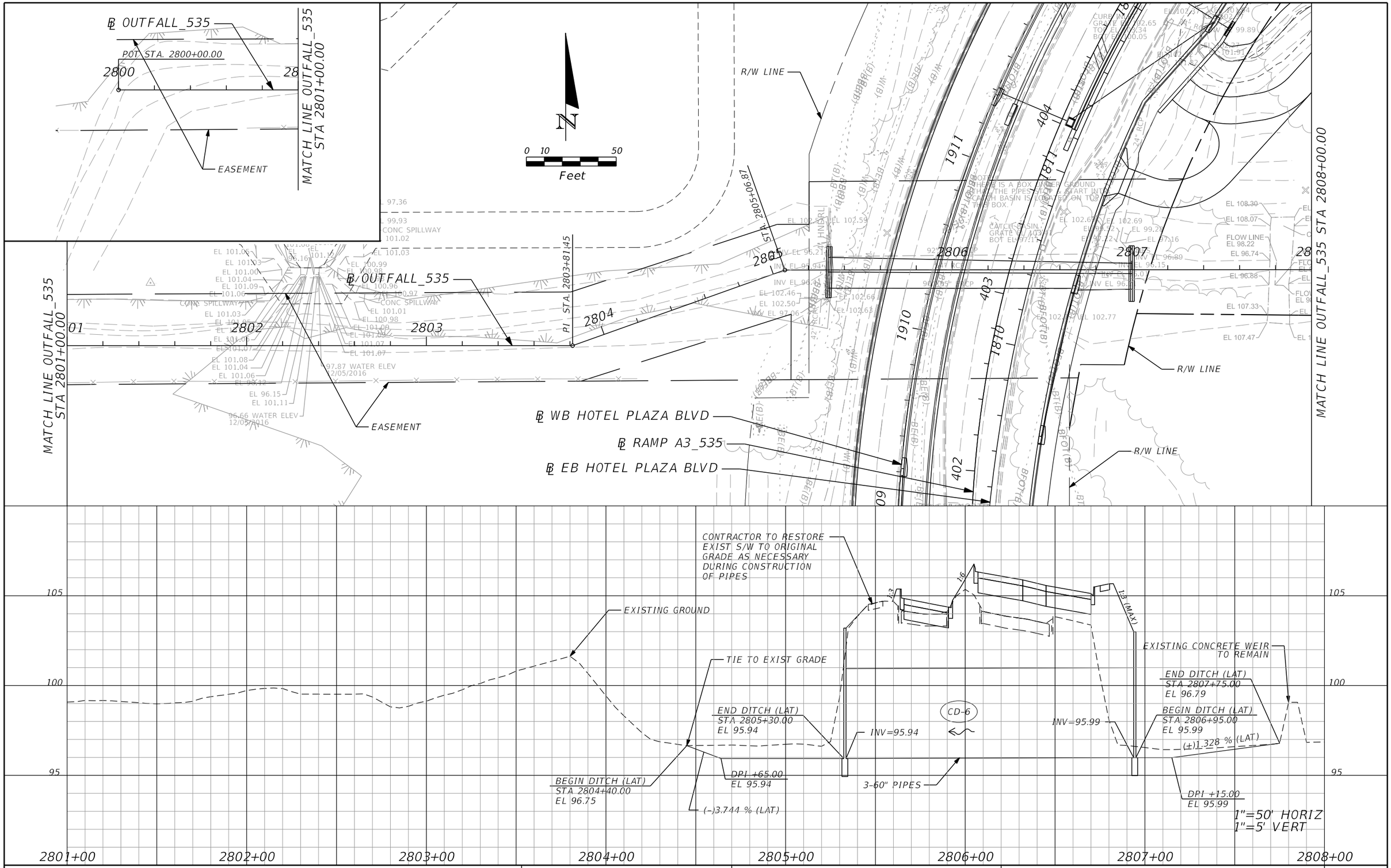

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR400	ORANGE	242484-8-52-01

LATERAL DITCH OUTFALL 535 PLAN & PROFILE

SHEET NO. 467

PRELIMINARY: NOT FOR CONSTRUCTION

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MATCH LINE OUTFALL_535 STA 2808+00.00

MATCH LINE OUTFALL_535 STA 2815+00.00

N

0 10 50
Feet

℄ OUTFALL_535

℄ RAMP D1_535

℄ SB 535

℄ RAMP A1_535

R/W LINE

℄ NB 535

℄ RAMP D1_535

PI STA. 2808+75.87

2809 2810 2811 2812 2813 2814

CATCH BASIN
GRATE EL 105.82
V-SLOT EL 102.13
NW INV EL 96.64

STORM MH
RIM EL 107.76
E INV EL 102.82
SW INV EL 102.71

(STORM MH
RIM EL 107.55
E INV EL 104.30
S INV EL 104.09

CATCH BASIN
GRATE EL 106.36
E INV EL 104.33
W INV EL 104.29

STORM MH
RIM EL 107.03
SE INV EL 104.12
W INV EL 103.96

POND 138A1

OVERFLOW
STRUCTURE
TOP EL. 107.35

SPILLWAY
INV EL 104.85

SPILLWAY
INV EL 104.76

15" CPP

15" RCP

18" RCP

24" RCP

60" RCP

SHELBOURD

TRUTH

4 LANES AHEAD
LEFT TURN

EXISTING GROUND

END DITCH (LAT)
STA 2812+75.00
EL 94.80

(-)5.597% (LAT)

BEGIN DITCH (LAT)
STA 2812+00.00
EL 97.60

DPI +50.00
EL 94.80

INVERT 94.80

3:1 (MAX)

CD-5

3-60" PIPES

1"=50' HORIZ
1"=5' VERT

105 100 95

2808+00 2809+00 2810+00 2811+00 2812+00 2813+00 2814+00 2815+00

PRELIMINARY: NOT FOR CONSTRUCTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR400	ORANGE	242484-8-52-01

LATERAL DITCH OUTFALL 535
PLAN & PROFILE

SHEET NO. 468

glen.dvorovy 2/26/2021 2:26:23 PM c:\pwworking\aecom_na\glen.dvorovy\dms28288\LDPRRD02_535.DGN

MATCH LINE OUTFALL 535 STA 2815+00.00

POND 138B1

1 STY CBS

LA R/W LINE

CATCH BASIN
GRATE EL 103.19
NE INV EL 99.07

℄ OUTFALL_535

2816 2817 2818 2819 2820 2821

LA R/W LINE

℄ CONST WBCD1

℄ RAMP A_DCP

℄ RAMP D2_535

SIGN
BILLBOARD W/

30' STEEL SUPPORT POST

CHAIN LINK FENCE

METAL
2' LOUVER
6@6"

FLORIDA MITTER LA

4" CHAIN LINK FENCE

CATCH BASIN
GRATE EL 106.73
W INV EL 102.42
E INV EL 102.24

BRICK PAVERS
PARKING

CATCH BASIN
GRATE EL 106.90
W INV EL 102.19
E INV EL 102.16
S INV EL 102.11

36" CMP

4" PVC

CATCH BASIN

0 10 50
Feet

N

1"=50' HORIZ
1"=5' VERT

1:3 (MAX)

INVERT 95.94

BEGIN DITCH (LAT)
STA 2815+25.00
EL 95.92

(-)15.500 % (LAT)

DPI +00.00
EL 96.63

EXISTING GROUND

(+)1.00% (LAT)

(+)7.460 % (LAT)

DPI +55.00
EL 92.90

DPI +45.00
EL 92.90

3-60" PIPES

DPI +00.00
EL 98.63

(+)0.440% (LAT)

DPI +50.00
EL 98.85

(+)0.180% (LAT)

DPI +00.00
EL 98.94

(+)0.160% (LAT)

DPI +00.00
EL 99.26

(+)1.200% (LAT)

END DITCH (LAT)
STA 2821+20.00
EL 99.50

105
100
95

2815+00 2816+00 2817+00 2818+00 2819+00 2820+00 2821+00

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR400	ORANGE	242484-8-52-01

LATERAL DITCH OUTFALL 535 PLAN & PROFILE

SHEET NO. 469

PRELIMINARY: NOT FOR CONSTRUCTION

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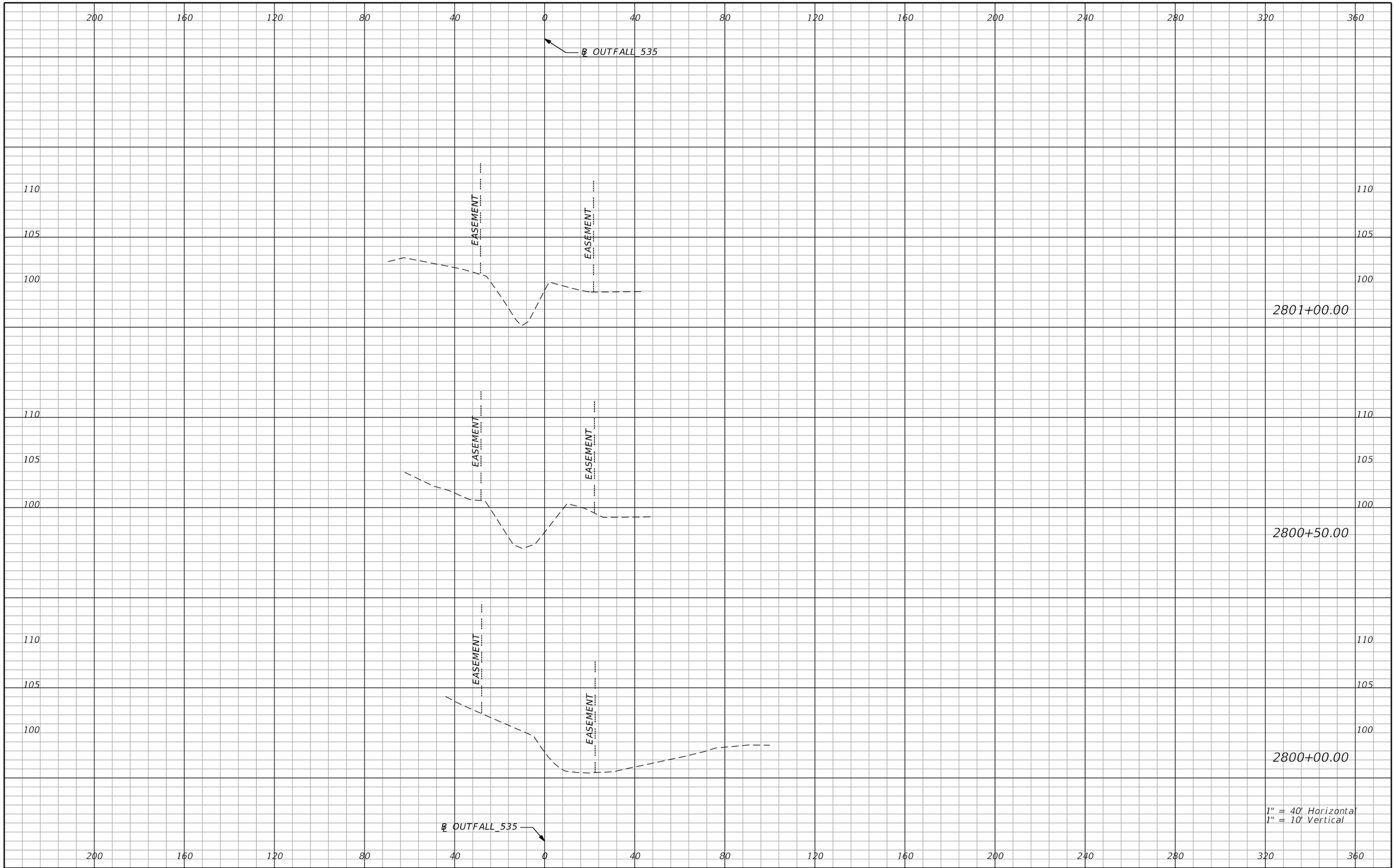

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

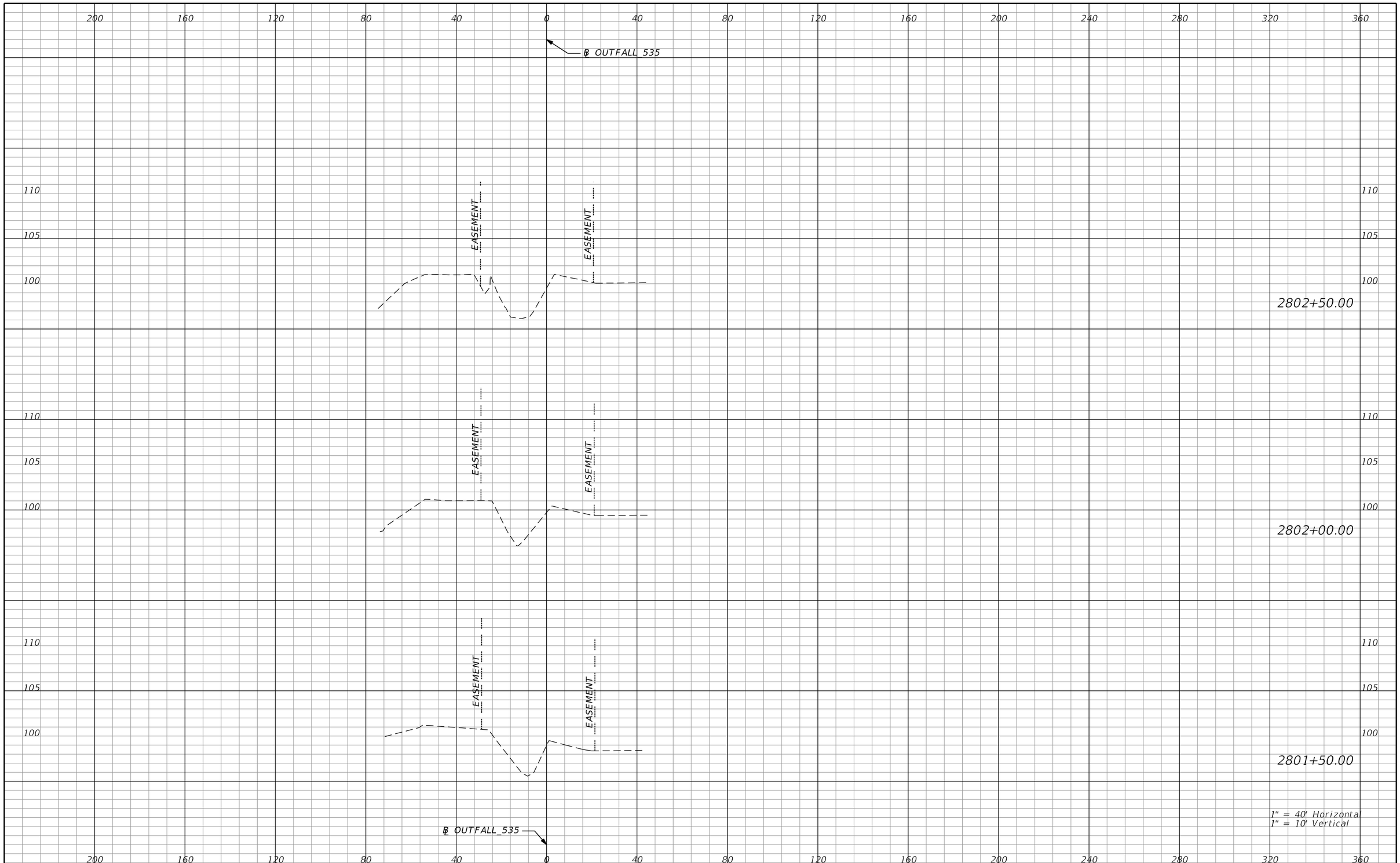
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

LATERAL DITCH OUTFALL 535 CROSS SECTIONS

SHEET NO. 470

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/24/2021 9:35:00 PM c:\pwworking\aecom_na\glen.dvorovy\dms28295\LDXSRD01_535.DGN



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T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

LATERAL DITCH OUTFALL 535 CROSS SECTIONS

SHEET NO. 471

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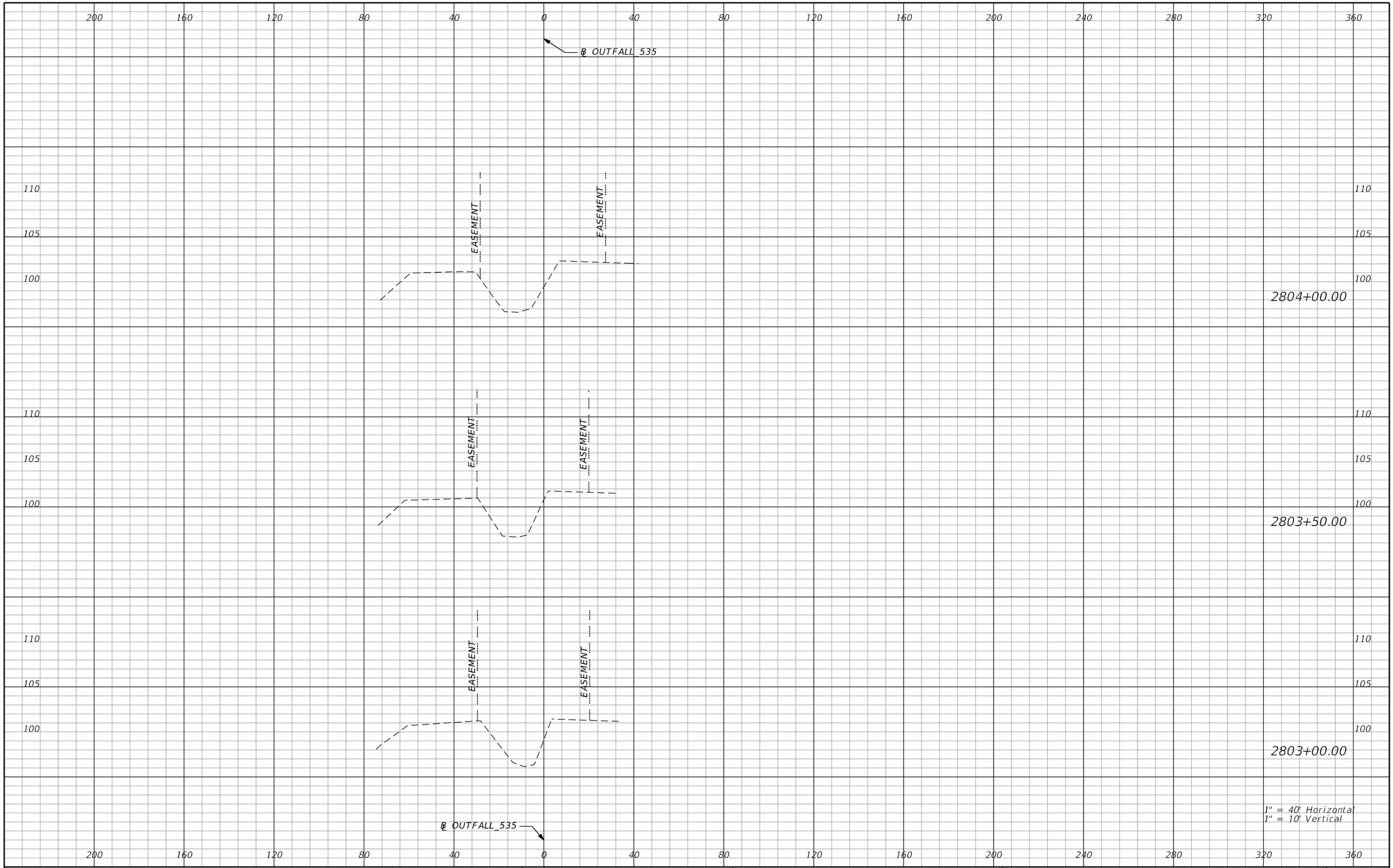

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

LATERAL DITCH OUTFALL 535 CROSS SECTIONS

SHEET NO. 472

PRELIMINARY: NOT FOR CONSTRUCTION

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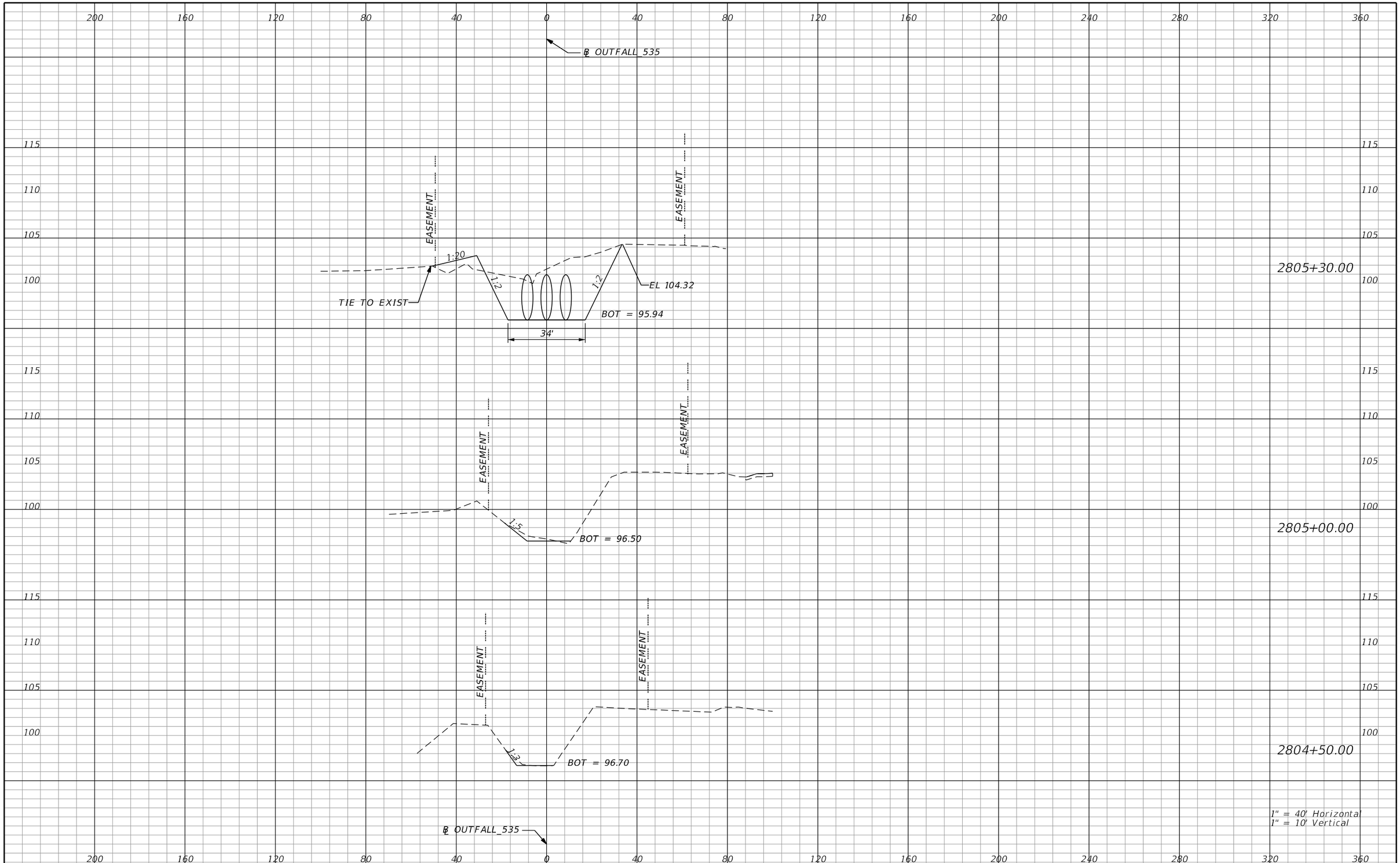

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SR 400	ORANGE	242484-8-52-01

LATERAL DITCH OUTFALL 535 CROSS SECTIONS

SHEET NO. 473

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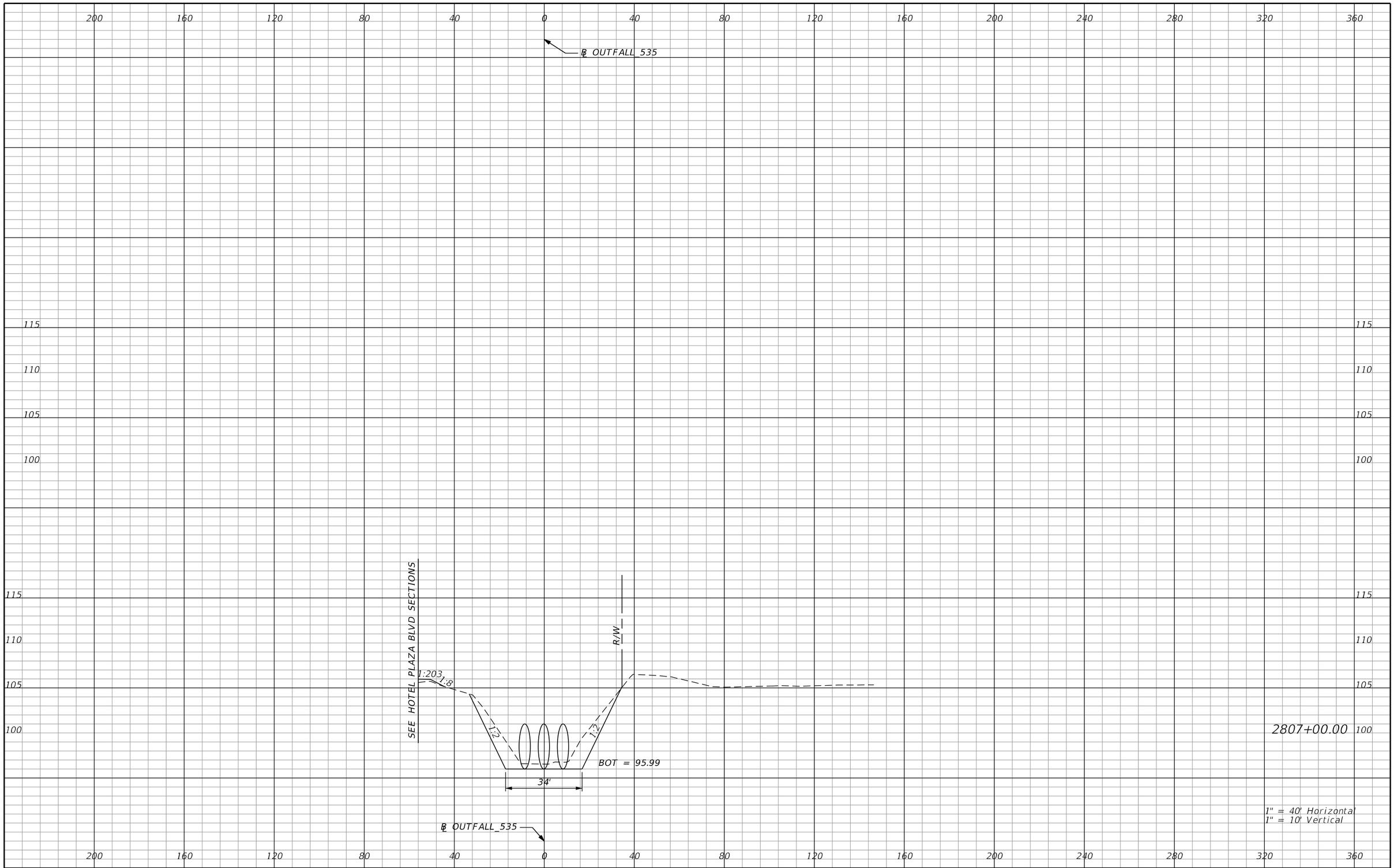

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

LATERAL DITCH OUTFALL 535 CROSS SECTIONS

SHEET NO. 474

PRELIMINARY: NOT FOR CONSTRUCTION

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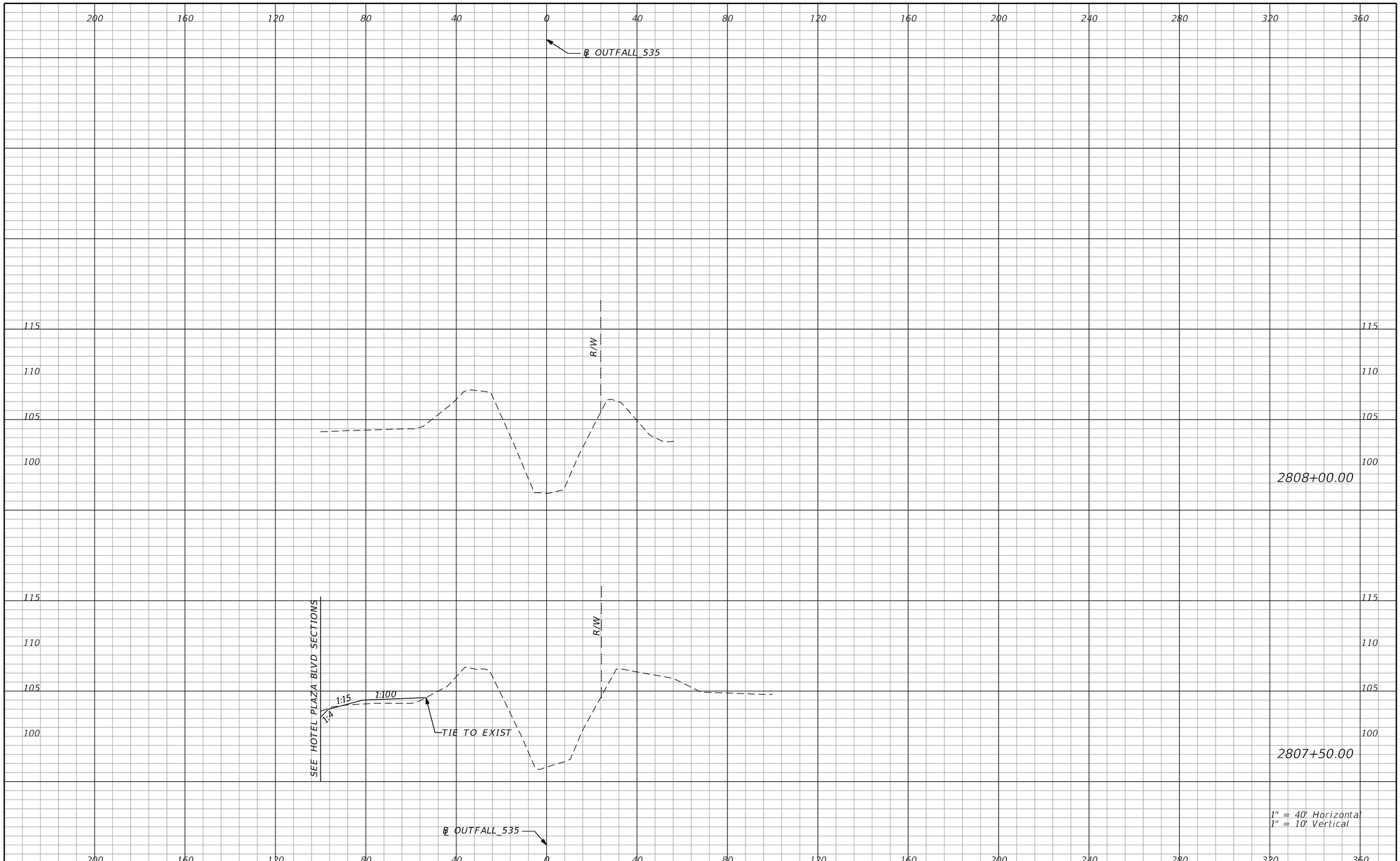

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SR 400	ORANGE	242484-8-52-01

LATERAL DITCH OUTFALL 535 CROSS SECTIONS

SHEET NO. 475

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

LATERAL DITCH OUTFALL 535 CROSS SECTIONS

SHEET NO. 476

PRELIMINARY: NOT FOR CONSTRUCTION

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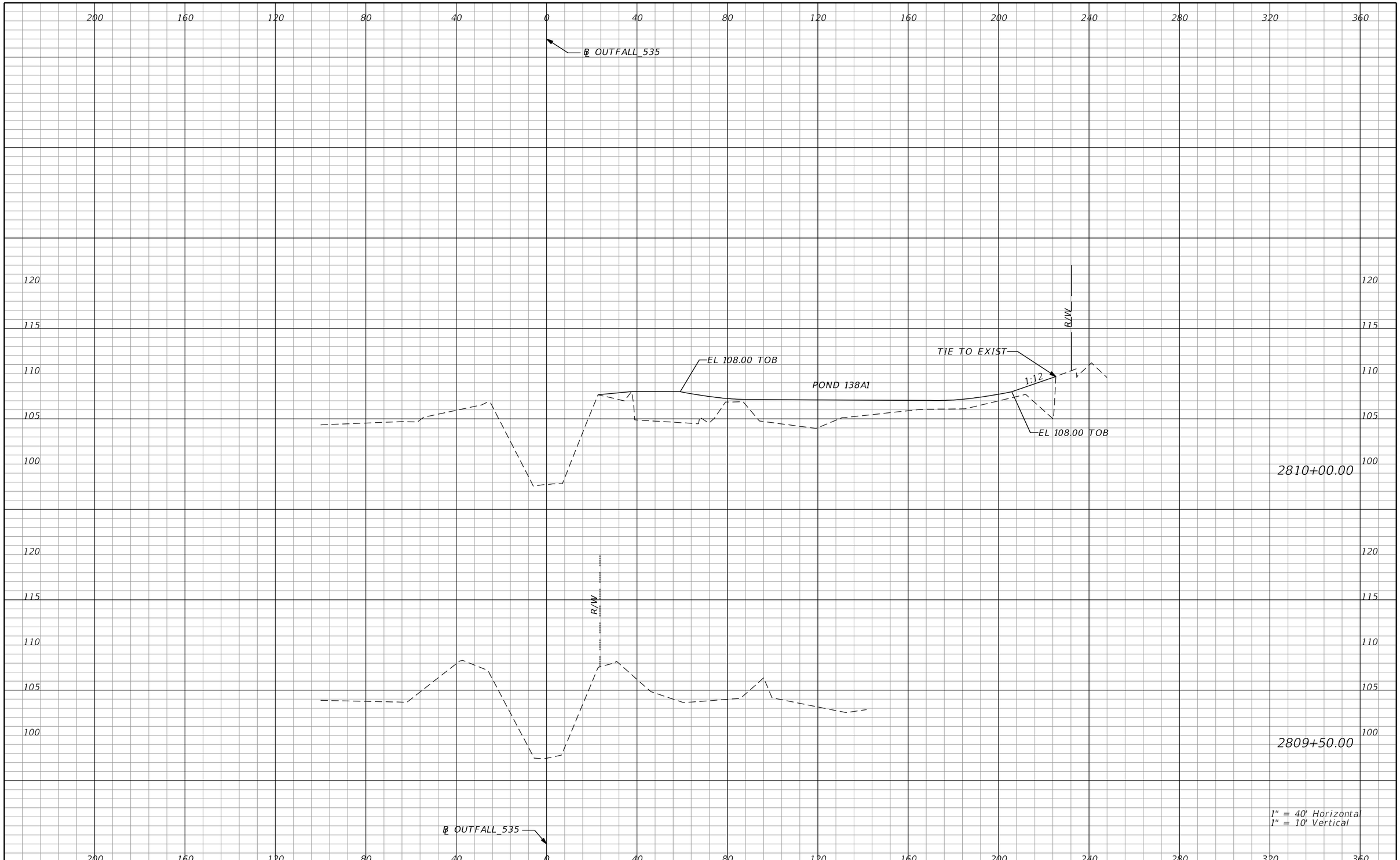

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

LATERAL DITCH OUTFALL 535 CROSS SECTIONS

SHEET NO. 477

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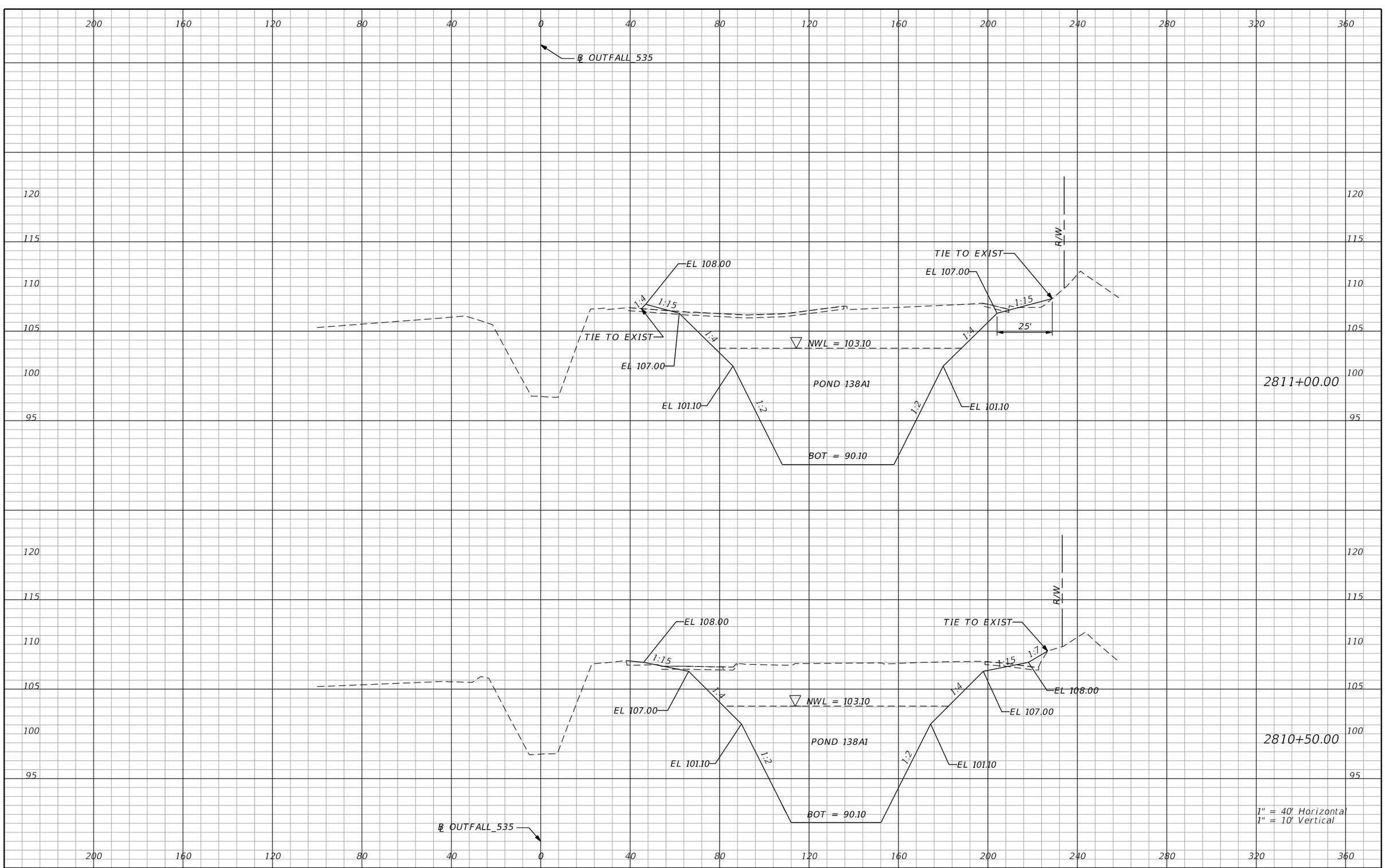

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LATERAL DITCH OUTFALL 535 CROSS SECTIONS

SHEET NO. 478

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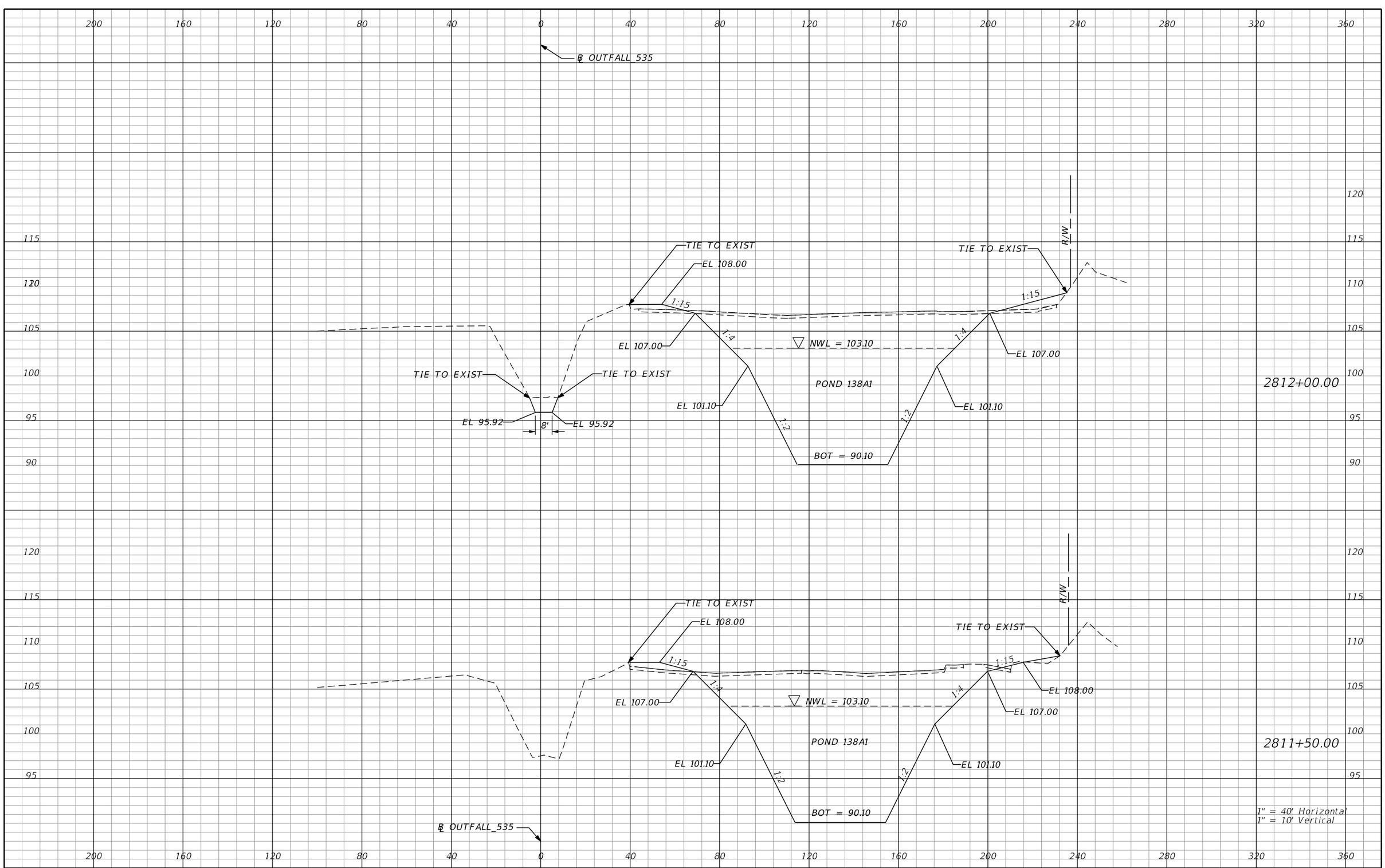

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LATERAL DITCH OUTFALL 535 CROSS SECTIONS

SHEET NO. 479

PRELIMINARY: NOT FOR CONSTRUCTION

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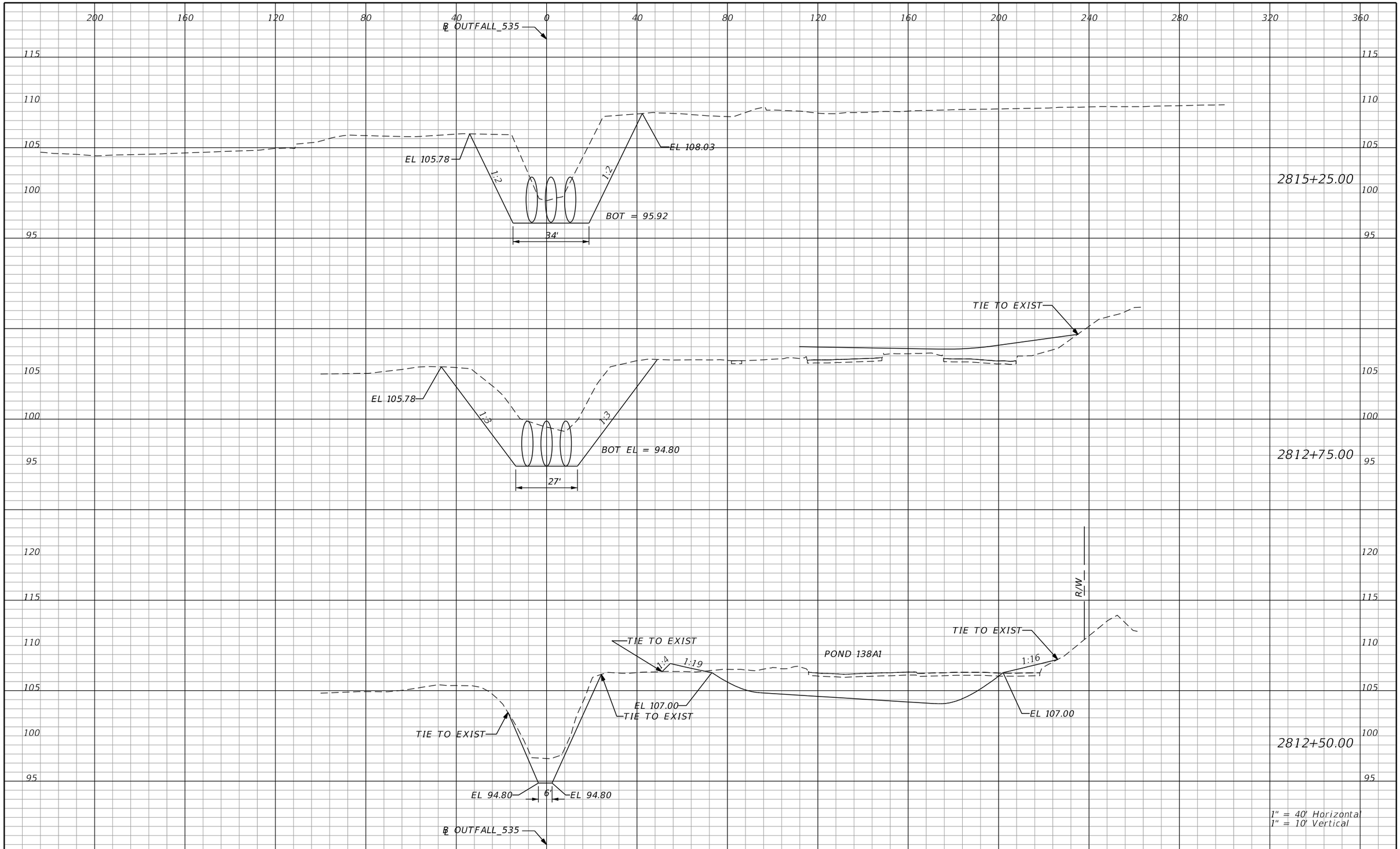

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

LATERAL DITCH OUTFALL 535 CROSS SECTIONS

SHEET NO. 480

PRELIMINARY: NOT FOR CONSTRUCTION

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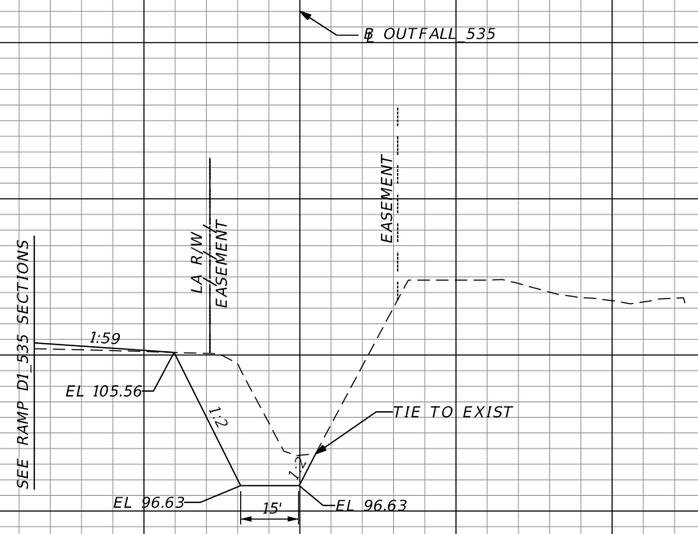

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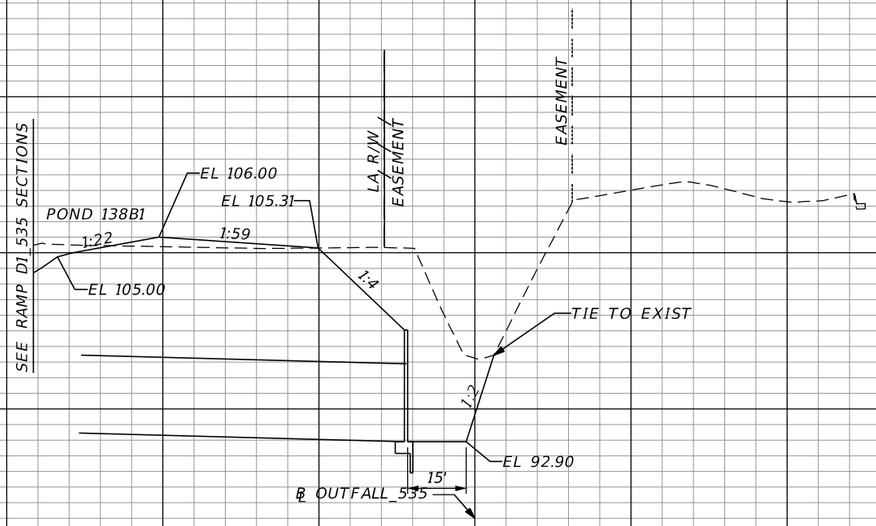

2815+50.00

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

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SR 400	ORANGE	242484-8-52-01

LATERAL DITCH OUTFALL 535 CROSS SECTIONS

SHEET NO. 481

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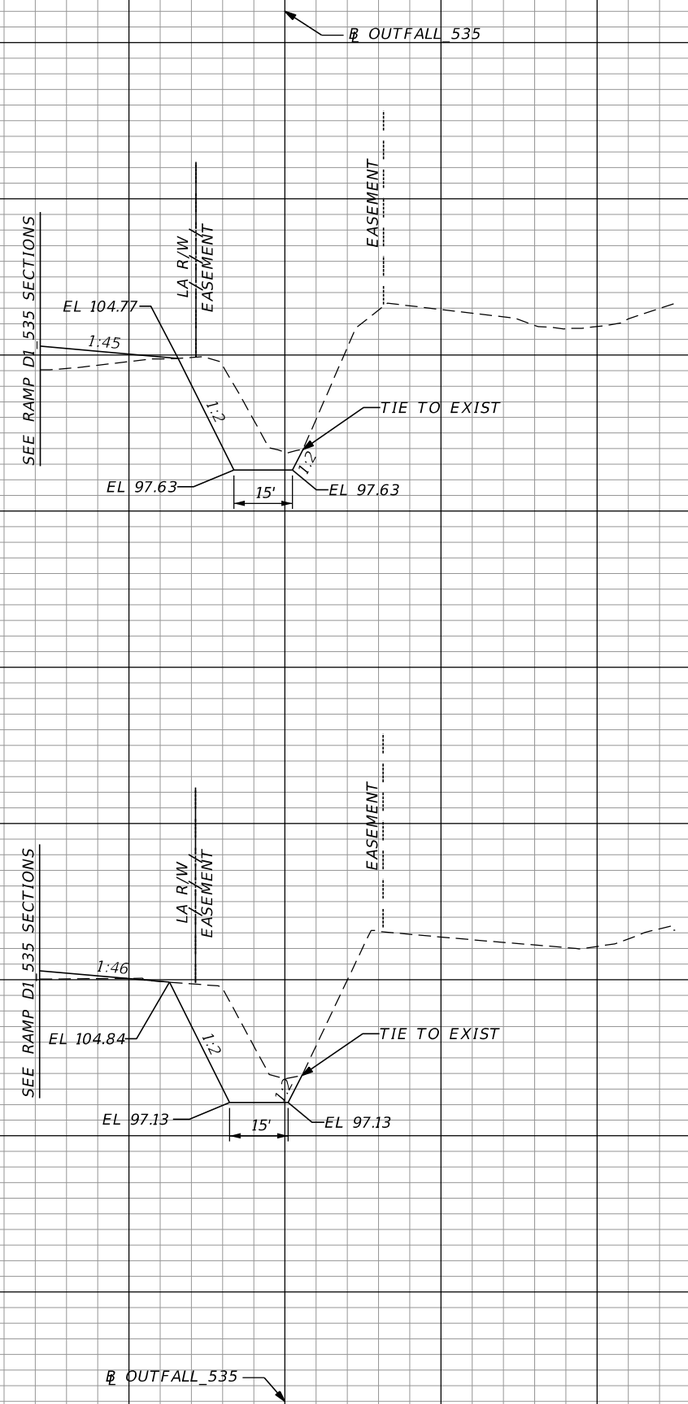

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

LATERAL DITCH OUTFALL 535 CROSS SECTIONS

SHEET NO. 482

PRELIMINARY: NOT FOR CONSTRUCTION

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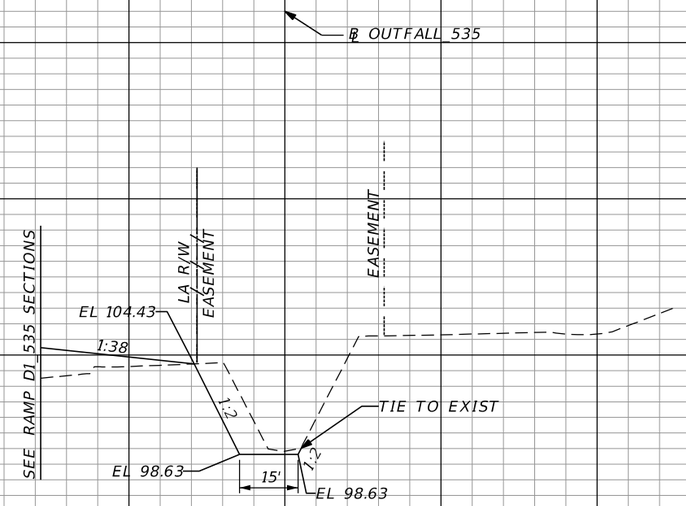

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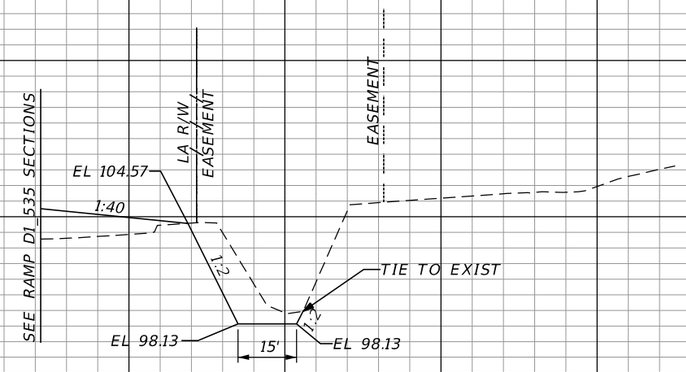

2817+50.00

1" = 40' Horizontal
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

LATERAL DITCH OUTFALL 535 CROSS SECTIONS

SHEET NO. 483

PRELIMINARY: NOT FOR CONSTRUCTION

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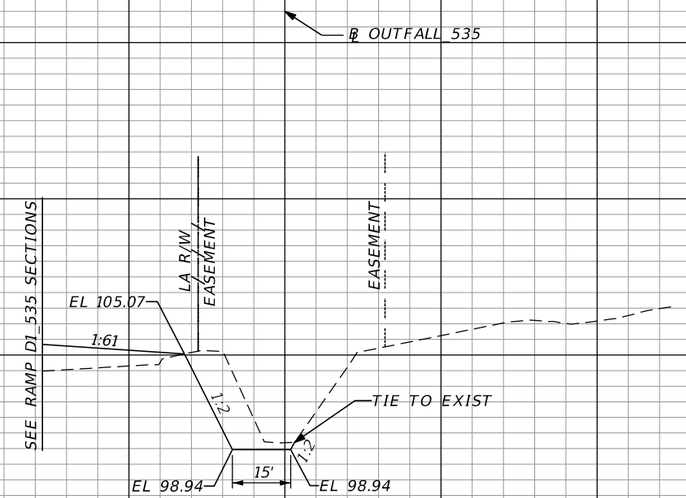
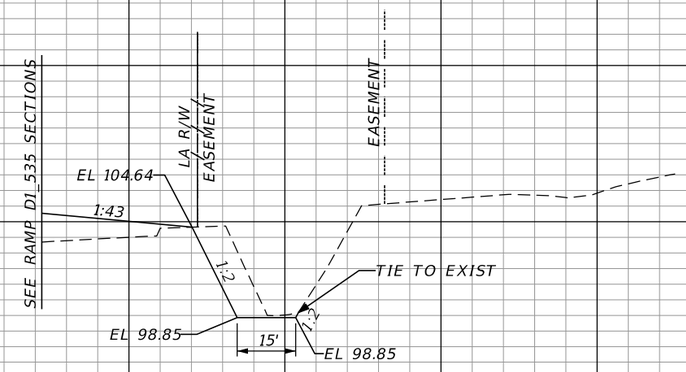


2819+00.00



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

LATERAL DITCH OUTFALL 535 CROSS SECTIONS

SHEET NO. 484

PRELIMINARY: NOT FOR CONSTRUCTION

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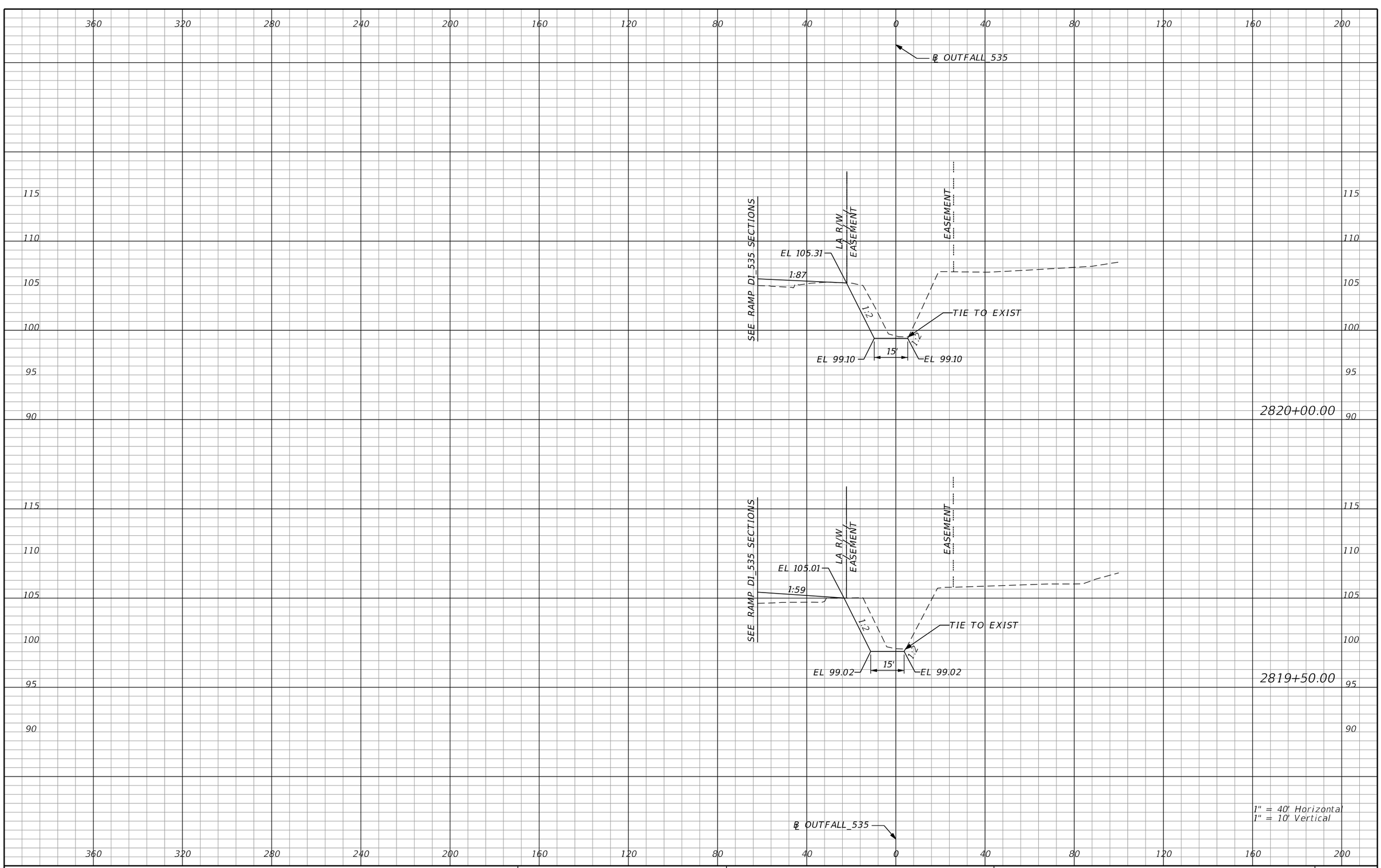

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

LATERAL DITCH OUTFALL 535 CROSS SECTIONS

SHEET NO. 485

PRELIMINARY: NOT FOR CONSTRUCTION

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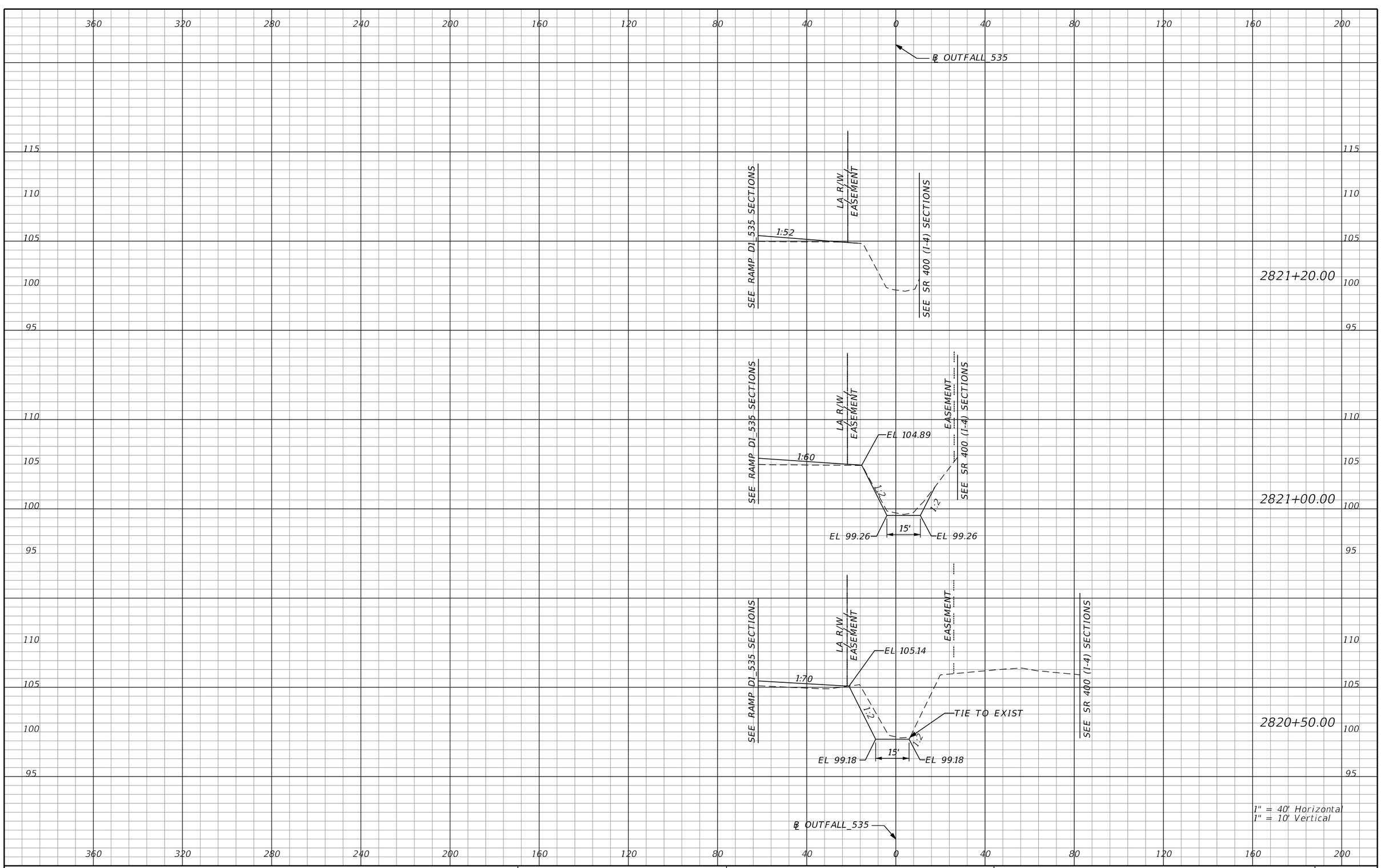

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SR 400	ORANGE	242484-8-52-01

LATERAL DITCH OUTFALL 535 CROSS SECTIONS

SHEET NO. 486

PRELIMINARY: NOT FOR CONSTRUCTION

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Feet

℄ CONST EB XL
℄ RAMP A3_536
℄ RAMP A1_536
LA R/W LINE
POND 131A
POND 132
MATCH LINE STA 1696+50.00
POND 130
LA R/W LINE
℄ RAMP C_OP
POND 131B
℄ PD_131B
℄ RAMP B1_536
℄ RAMP A2_536
POND 133A
MATCH LINE STA 425+50.00

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CROSS SECTION PATTERN SHEET (1)

SHEET NO. 487

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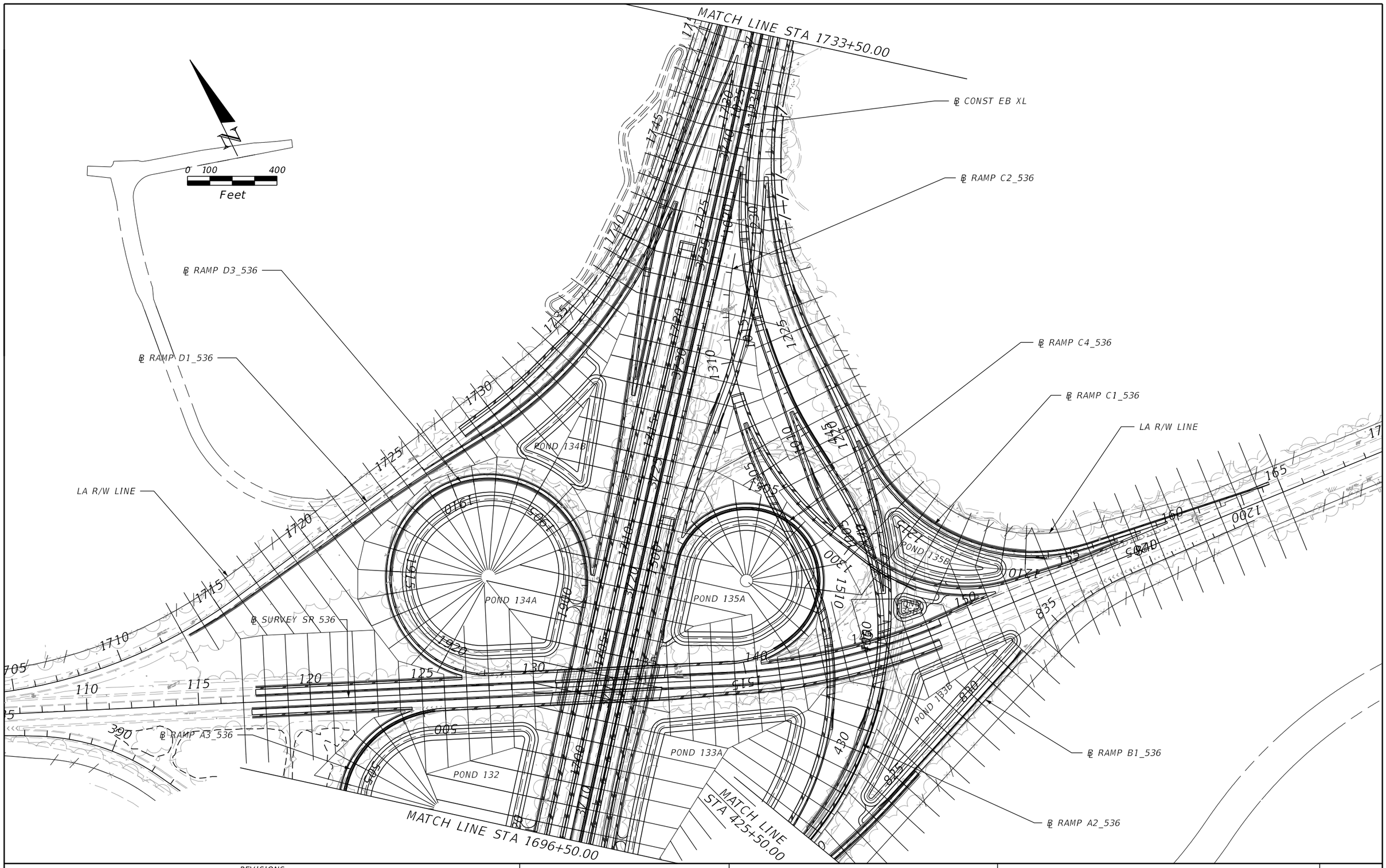

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CROSS SECTION PATTERN SHEET (2)

SHEET NO. 488

PRELIMINARY: NOT FOR CONSTRUCTION

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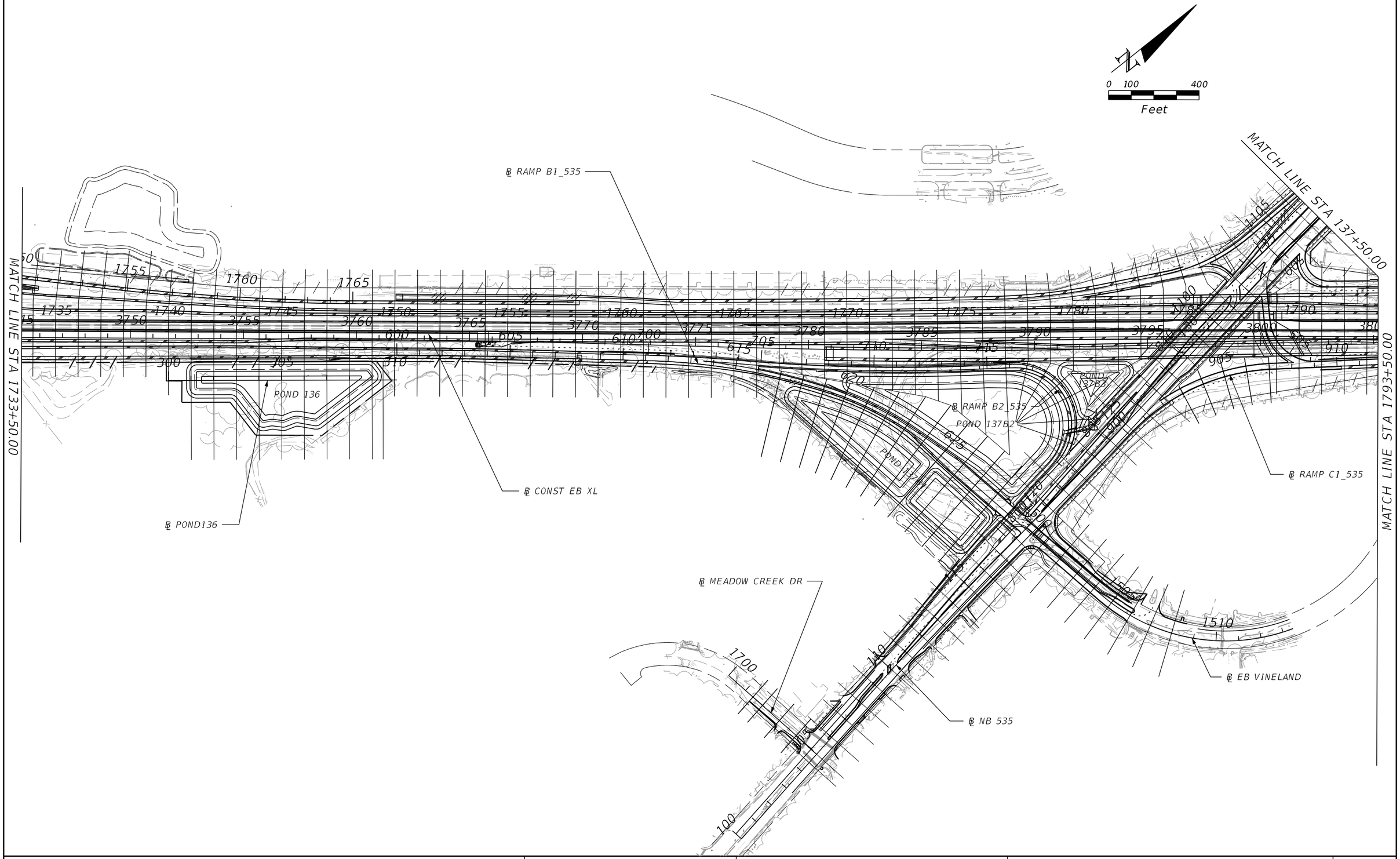

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SR 400	ORANGE	242484-8-52-01

CROSS SECTION PATTERN SHEET (3)

SHEET NO. 489

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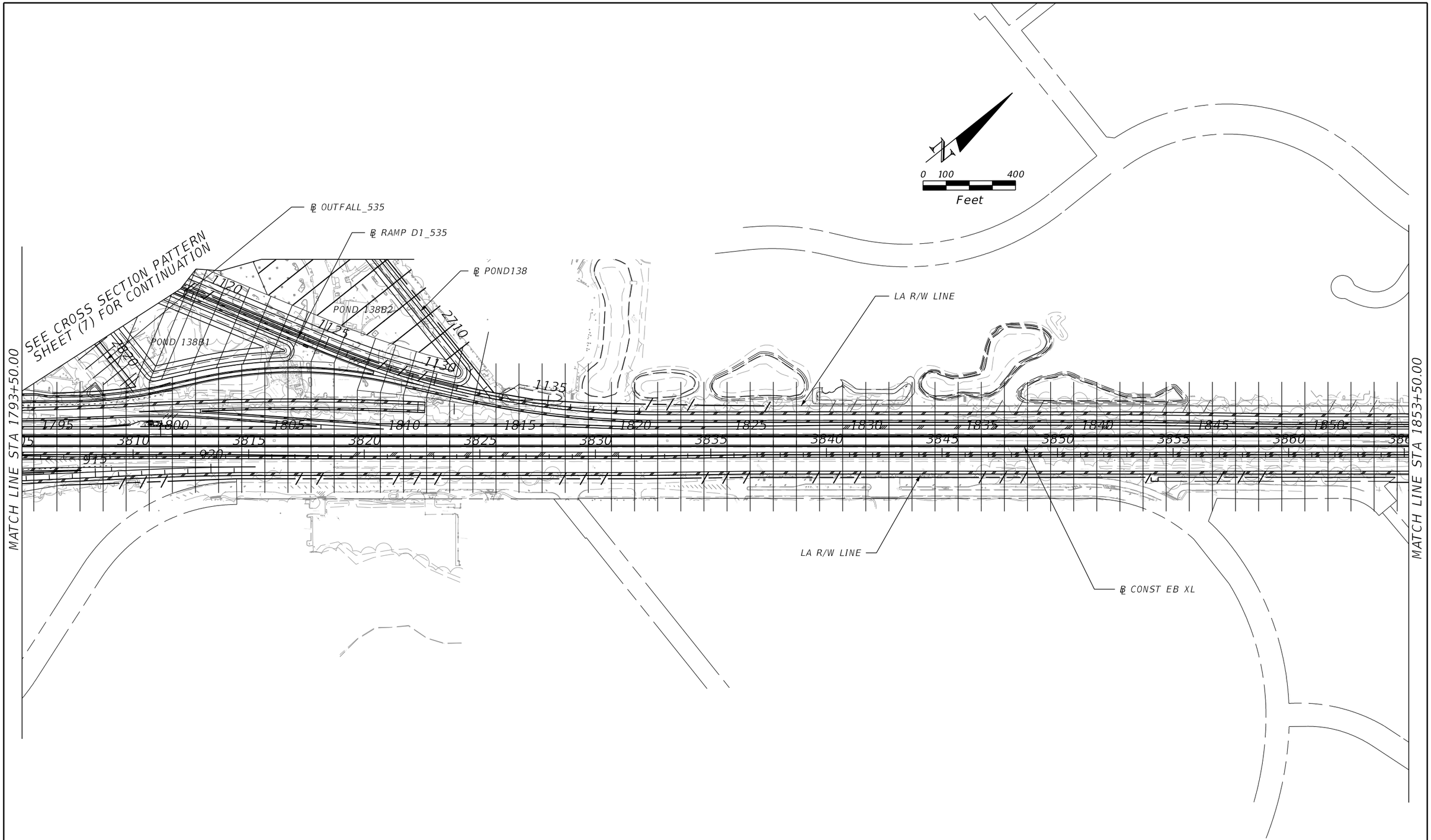

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CROSS SECTION PATTERN SHEET (4)

SHEET NO. 490

PRELIMINARY: NOT FOR CONSTRUCTION

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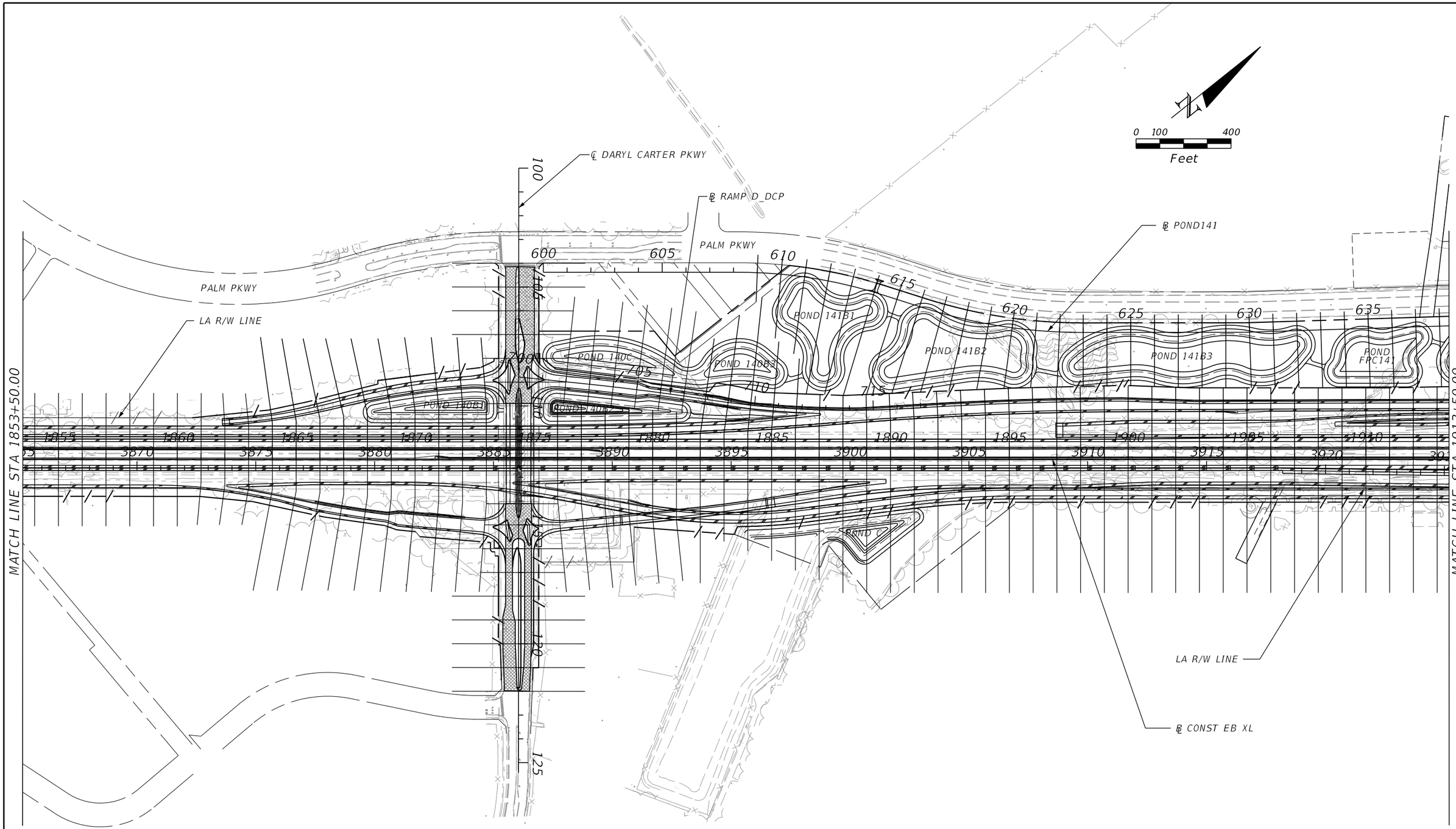

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CROSS SECTION PATTERN SHEET (5)

SHEET NO. 491

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ POND141
℄ POND142
R/W LINE
1000
1005
1010
1015
1020
POND 142
R/W LINE
BY OTHERS
TURKEY LAKE ROAD
3965
PALM PKWY
640
645
LA R/W LINE
BY OTHERS
POND 141B4
6080
7080
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6075
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6070
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1915
1920
1925
1930
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3940
3945
MATCH LINE STA 1913+50.00
BY OTHERS
BY OTHERS
LA R/W LINE
END PROJECT 242484-8-52-01
BEGIN PROJECT 242484-7-32-01
℄ EB XL STATION EQUATION
STA 1936+00.00 (BK) = STA 6068+68.33 (AH)
LA R/W LINE
BY OTHERS
CENTRAL FLORIDA PKWY
℄ CONST EB XL
BY OTHERS
0 100 400
Feet

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL. 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CROSS SECTION PATTERN SHEET (6)

SHEET NO. 492

glen.dvorovy 2/24/2021 9:37:02 PM c:\pwworking\aecom_na\glen.dvorovy\dms28329\PLAYRDXS06.dgn

℄ EB WINTER GARDEN VINELAND RD

℄ EB HOTEL PLAZA BLVD

℄ OUTFALL_535

℄ GRAND CYPRESS BLVD

POND FPC 138

℄ NB 535

MATCH LINE STA 137+50.00

POND 138A1

POND 138B4

POND 138B3

POND 138B1

POND 138B2

℄ RAMP D1_535

℄ RAMP D4_535

POND PALM

℄ POND 138

℄ EB PALM PARKWAY

SEE CROSS SECTION PATTERN SHEET (4) FOR CONTINUATION

0 100 400

Feet

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

CROSS SECTION PATTERN SHEET (7)

SHEET NO. 493

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FIGURE 3

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
MATERIALS AND RESEARCH

FINANCIAL PROJECT ID: 242484-8-32-01

DATE OF SURVEY: 04/16 – 02/17
SURVEY MADE BY: DREW, ROSE, TATE
SUBMITTED BY: ZAN C. BATES, P.E.

PROJECT NAME: SR 400 (I-4) FROM OSCEOLA COUNTY LINE TO WEST OF SR 528 (BEACHLINE)
CROSS SECTION OF SOIL SURVEY

DISTRICT: FIVE
ROAD NO.: SR 400
COUNTY: ORANGE

SURVEY BEGINS STA. : 416+10 SURVEY ENDS STA. : 710+00

	ORGANIC CONTENT		MOISTURE CONTENT		SIEVE ANALYSIS RESULTS PERCENTAGE PASSING						ATTERBERG LIMITS (%)			SOIL CLASSIFICATION		CORROSION TEST RESULTS				
STRATUM NO.	NO. OF TESTS	% ORGANIC	NO. OF TESTS	% MOISTURE	NO. OF TESTS	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTICITY INDEX	AASHTO GROUP	DESCRIPTION	NO. OF TESTS	RESISTIVITY ohms cm	CHLORIDE ppm	SULFATES ppm	pH
1	--	--	--	--	6	100	74-95	37-52	6-17	3-6	--	--	--	A-3	LIGHT BROWN TO DARK BROWN, ORANGE BROWN OR LIGHT GRAY TO GRAY FINE SAND TO FINE SAND WITH SILT, OCCASIONAL LIMEROCK GRAVEL AND ORGANIC MATERIAL	2	8,300-11,500	15	<2.4	7.7-8.2
2	3	3-5	3	15-18	11 (1)	95-100	78-90	42-72	12-51	8-22 (7)	--	--	--	A-3 A-2-4	LIGHT BROWN TO DARK BROWN, GRAY BROWN, OR LIGHT GRAY TO DARK GRAY FINE SAND WITH SILT TO SILTY FINE SAND, OCCASIONAL LIMEROCK GRAVEL AND ORGANIC MATERIAL	3	2,000-6,500	15-30	<2.4-300	6.2-7.8
3	--	--	14	6-18	17	99-100	64-93	57-78	37-59	13-29	14	NP-23	NP-8	A-3 A-2-4	LIGHT BROWN TO BROWN OR ORANGE BROWN FINE SAND WITH CLAY TO CLAYEY FINE SAND OR SILTY CLAYEY FINE SAND	1	2,600	30	83.4	7.7
4	--	--	3	17-22	3	100	94-95	77-85	52-73	41-44	3	32-40	15-29	A-2-6 A-6	LIGHT BROWN CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL	0	--	--	--	--
5	--	--	2	44-55	2	100	85-96	64-82	44-71	20-66	2	63-74	18-20	A-2-7 A-7-5 A-7-6	LIGHT BROWN TO BROWN OR LIGHT GRAY SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL	0	--	--	--	--
6	7	6-78	7	9-486	2 (5)	98-100	88-92	50-63	22-42	15-21 (9-46)	--	--	--	A-8	DARK BROWN TO VERY DARK BROWN MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS	0	--	--	--	--
7	2	17	2	9-11	3 (1)	100	83-96	38-60	15-20	7-14 (15)	--	--	--	A-3 A-2-4	DARK REDDISH BROWN TO DARK BROWN SLIGHTLY CEMENTED TO CEMENTED FINE SAND WITH SILT TO SILTY FINE SAND INCLUDING HARDPAN-TYPE, WITH OCCASIONAL TRACE ORGANIC MATERIAL	0	--	--	--	--

EMBANKMENT AND SUBGRADE MATERIAL

STRATA BOUNDARIES ARE APPROXIMATE, MAKE FINAL CHECK AFTER GRADING

1. SOIL BOUNDARIES ARE APPROXIMATE AND REPRESENT SOIL STRATA AT EACH BORING LOCATION ONLY. ANY SUBSOIL CONNECTING LINES SHOWN ARE FOR ESTIMATING EARTHWORK ONLY AND DO NOT INDICATE ACTUAL STRATUM LIMITS. SUBSURFACE VARIATIONS BETWEEN BORINGS SHOULD BE ANTICIPATED AS INDICATED IN SECTION 2-4 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. FOR FURTHER DETAILS SEE SECTION 120-3.
2. WATER TABLE SHOWN AS ▼ WHERE ENCOUNTERED AT TIME OF SURVEY. ESTIMATED SEASONAL HIGH GROUNDWATER LEVELS SHOWN AS ▽ . ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL AT OR ABOVE GROUND SURFACE SHOWN AS "AOGS".
3. REMOVAL OF MUCK AND PLASTIC MATERIAL OCCURRING WITHIN THE ROADWAY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH INDEX NO. 500, UNLESS OTHERWISE SHOWN ON THE PLANS. THE MATERIAL USED IN EMBANKMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH FDOT INDEX NO. 505.
4. SOIL PARAMETER NOT TESTED DENOTED AS "--" ABOVE.
5. STRATA NOS. 1, 2, 3 AND 7 SHALL BE TREATED AS SELECT (S) MATERIAL IN ACCORDANCE WITH FDOT INDEX 500 AND INDEX 505.
6. STRATA 2, 3 AND 7 MAY RETAIN EXCESS MOISTURE AND MAY BE DIFFICULT TO DRY AND COMPACT.
7. STRATUM 4 SHALL BE TREATED AS PLASTIC (P) MATERIAL IN ACCORDANCE WITH FDOT INDEX NO. 500 AND INDEX NO. 505.
8. STRATUM 5 SHALL BE TREATED AS HIGH PLASTIC (H) MATERIAL IN ACCORDANCE WITH FDOT INDEX NO. 500 AND INDEX NO. 505.
9. STRATUM 6 SHALL BE TREATED AS MUCK (M) IN ACCORDANCE WITH FDOT INDEX NO. 500 AND INDEX NO. 505.
10. 'NP' DENOTES NON-PLASTIC. () DENOTES PERCENT FINE TESTS ONLY.
11. LAYERS OF VERY HARD MATERIALS SUCH AS HARDPAN-TYPE SOILS MAY BE ENCOUNTERED IN VARIOUS AREAS OF THE PROJECT. SUCH MATERIALS WILL BE DIFFICULT TO EXCAVATE OR PENETRATE. THE CONTRACTOR SHALL EXPECT TO ENCOUNTER THESE VERY HARD MATERIALS IN ALL EXCAVATIONS AND SHALL USE SPECIALIZED EQUIPMENT AND/OR PROCEDURES AS NECESSARY TO FACILITATE PENETRATION.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Ardaman & Associates, Inc.
8008 S. Orange Avenue
Orlando, Fl. 32808
E.O.R.-Zan C. Bates, P.E. NO. 49917
Certificate of Authorization: 5950

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

ROADWAY SOIL SURVEY (1)

SHEET NO. 494

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/24/2021 9:37:13 PM c:\pwworking\aecom_na\glen.dvorovy\dms28300\RDSSGE003_Road.DGN

DATE OF SURVEY: 04/16 - 11/18
SURVEY MADE BY: R. ROBINSON, S. COOPER, T. GROWDEN
SUBMITTED BY: ERROL S. ABDULLA, P.E.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
MATERIALS AND RESEARCH

DISTRICT: FIVE
ROAD NO.: SR 400
COUNTY: ORANGE

FINANCIAL PROJECT ID: 242484-8-32-02

PROJECT NAME : SR 400 (I-4) BTU FROM EAST OF SR522 (OSCEOLA PKWY) TO WEST OF SR 528-ORANGE COUNTY

CROSS SECTION OF SOIL SURVEY

		ORGANIC CONTENT		MOISTURE CONTENT		SIEVE ANALYSIS RESULTS PERCENT PASS (%)						ATTERBERG LIMITS (%)					CORROSION TEST RESULTS				
STRATUM NO.	LBR VALUE	NO. OF TESTS	% ORGANIC	NO. OF TESTS	MOISTURE CONTENT	NO. OF TESTS	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX	AASHTO GROUP	DESCRIPTION	NO. OF TESTS	RESISTIVITY ohm-cm	CHLORIDES ppm	SULFATES ppm	pH
1	-	23	1-5	74	4-25	82	98-100	51-95	16-82	3-40	2-10	1	-	NP	A-3	LIGHT BROWN TO DARK BROWN, ORANGE BROWN OR LIGHT GRAY TO GRAY FINE SAND TO FINE SAND WITH SILT, OCCASIONAL LIMEROCK GRAVEL AND ORGANIC MATERIAL	-	-	-	-	-
2	-	7	1-3	45	3-28	108	96-100	43-97	29-86	13-62	7-34	32	18-27	NP-10	A-3 A-2-4	LIGHT BROWN TO DARK BROWN, GRAY BROWN, ORANGE BROWN OR LIGHT GRAY TO DARK GRAY FINE SAND WITH SILT TO SILTY FINE SAND, OCCASIONAL LIMEROCK GRAVEL AND TRACE ORGANIC MATERIAL	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A-3 A-2-4	LIGHT BROWN TO BROWN OR ORANGE BROWN FINE SAND WITH CLAY TO CLAYEY FINE SAND OR SILTY CLAYEY FINE SAND	-	-	-	-	-
4	-	-	-	4	10-30	5	100	74-99	43-95	26-90	21-70	5	26-34	13-19	A-2-6 A-6	LIGHT BROWN CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL	-	-	-	-	-
5	-	-	-	3	17-29	3	100	79-98	58-95	45-90	39-85	3	41-66	26-40	A-2-7 A-7-5 A-7-6	LIGHT BROWN TO BROWN OR LIGHT GRAY SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL	-	-	-	-	-
6	-	7	6-14	8	13-81	8	98-100	83-92	42-77	14-64	7-41	-	-	-	A-8	DARK BROWN TO VERY DARK BROWN MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LIMEROCK ROAD BASE	-	-	-	-	-

NOTES

1. THE DATA SHOWN IS FROM THE POND BORINGS ONLY. SOIL BOUNDARIES ARE APPROXIMATE AND REPRESENT SOIL STRATA AT EACH BORING LOCATION ONLY. ANY SUBSOIL CONNECTING LINES THAT ARE SHOWN ARE FOR ESTIMATING EARTHWORK ONLY AND DO NOT INDICATE ACTUAL STRATUM LIMITS. SUBSURFACE VARIATIONS BETWEEN BORINGS SHOULD BE ANTICIPATED AS INDICATED IN ARTICLE 2-4 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. FOR FURTHER DETAILS SEE ARTICLE 120-3.
2. WATER TABLE SHOWN AS ▼ WHERE ENCOUNTERED AT TIME OF SURVEY. GROUNDWATER NOT ENCOUNTERED SHOWN AS "GNE". ESTIMATED SEASONAL HIGH SHOWN AS ▽
3. REMOVAL OF MUCK AND PLASTIC MATERIAL OCCURRING WITHIN ROADWAY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH INDEX NO. 500 OF THE FDOT DESIGN STANDARDS UNLESS OTHERWISE SHOWN ON PLANS. THE MATERIAL USED IN EMBANKMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH INDEX NO. 505 OF THE FDOT DESIGN STANDARDS.
4. THE SYMBOL "-" REPRESENTS AN UNMEASURED PARAMETER.
5. STRATA NOS. 1, 2 AND 3 SHALL BE TREATED AS SELECT (S) MATERIAL IN ACCORDANCE WITH FDOT INDEX NO. 500 AND INDEX NO. 505.
6. STRATA 2 AND 3 MAY RETAIN EXCESS MOISTURE AND MAY BE DIFFICULT TO DRY AND COMPACT.
7. STRATUM 4 SHALL BE TREATED AS PLASTIC (P) MATERIAL IN ACCORDANCE WITH FDOT INDEX NO. 505.
8. STRATUM 5 SHALL BE TREATED AS HIGH PLASTIC (H) MATERIAL IN ACCORDANCE WITH FDOT INDEX NO. 505.
9. STRATUM 6 SHALL BE TREATED AS MUCK (M) IN ACCORDANCE WITH FDOT INDEX NO. 505.
10. 'NP' DENOTES NON-PLASTIC.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Errol S. Abdulla, P.E.
P.E. License No. 74803
AWK Consulting Engineers, INC.
6457 Hazeltine National Dr.
Suite 150
Orlando, FL 32822
PH (407) 203-3804 FAX 888-282-9897
Certificate of Authorization No. 00029901

AWK CONSULTING ENGINEERS, INC.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

ROADWAY SOIL SURVEY (2)

SHEET NO. 495

PRELIMINARY: NOT FOR CONSTRUCTION

END PROJECT 431456-1-52-01
BEGIN PROJECT 242484-8-52-01
STA. 1645+73.44 ℄ CONST EB XL

℄ CONST EB XL

℄ RAMP D1_OP
STA 1020+18.42

℄ RAMP D2_OP
STA 1126+63.53

℄ CONST WB GUL
STA 4662+90.49

℄ CONST WB XL
STA 2659+14.79

WETLAND
EL. 92.95

EL. 93.53

EL. 94.06

EL. 94.41

EL. 92.81

MATCH LINE (SEE NEXT SHEET)

WETLAND

LA R/W

84.30

1:4

10'

1:6

91.47

1:6

5'

1

2

1646+00.00

1" = 40' Horizontal
1" = 10' Vertical

℄ CONST EB XL

520 480 440 400 360 320 280 240 200 160 120 80 40 0

105 100 95 90 85 80 75 70 65

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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AECOM TECHNICAL SERVICES, Inc.
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Certificate of Authorization No. 8115
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 496

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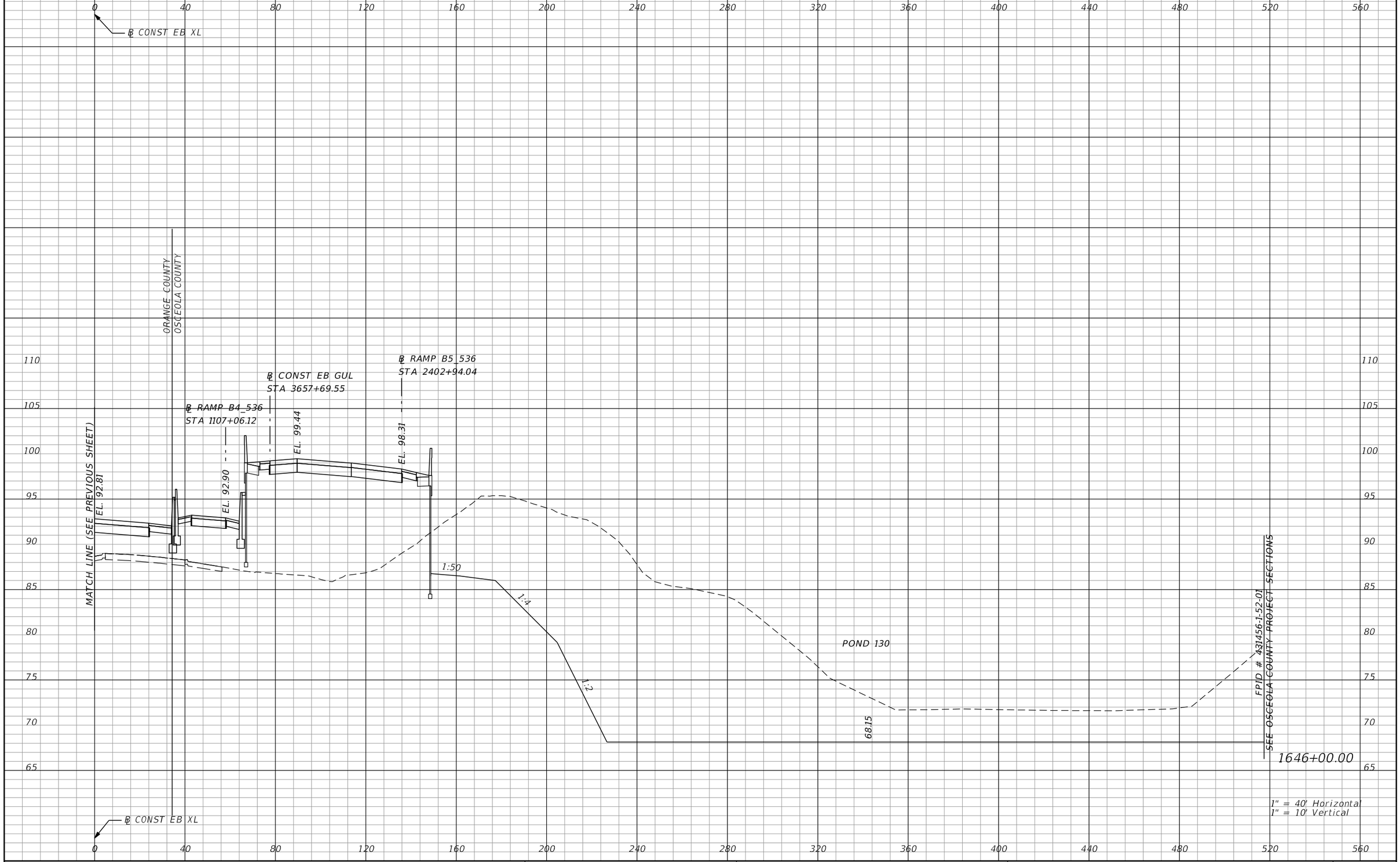

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 497

PRELIMINARY: NOT FOR CONSTRUCTION

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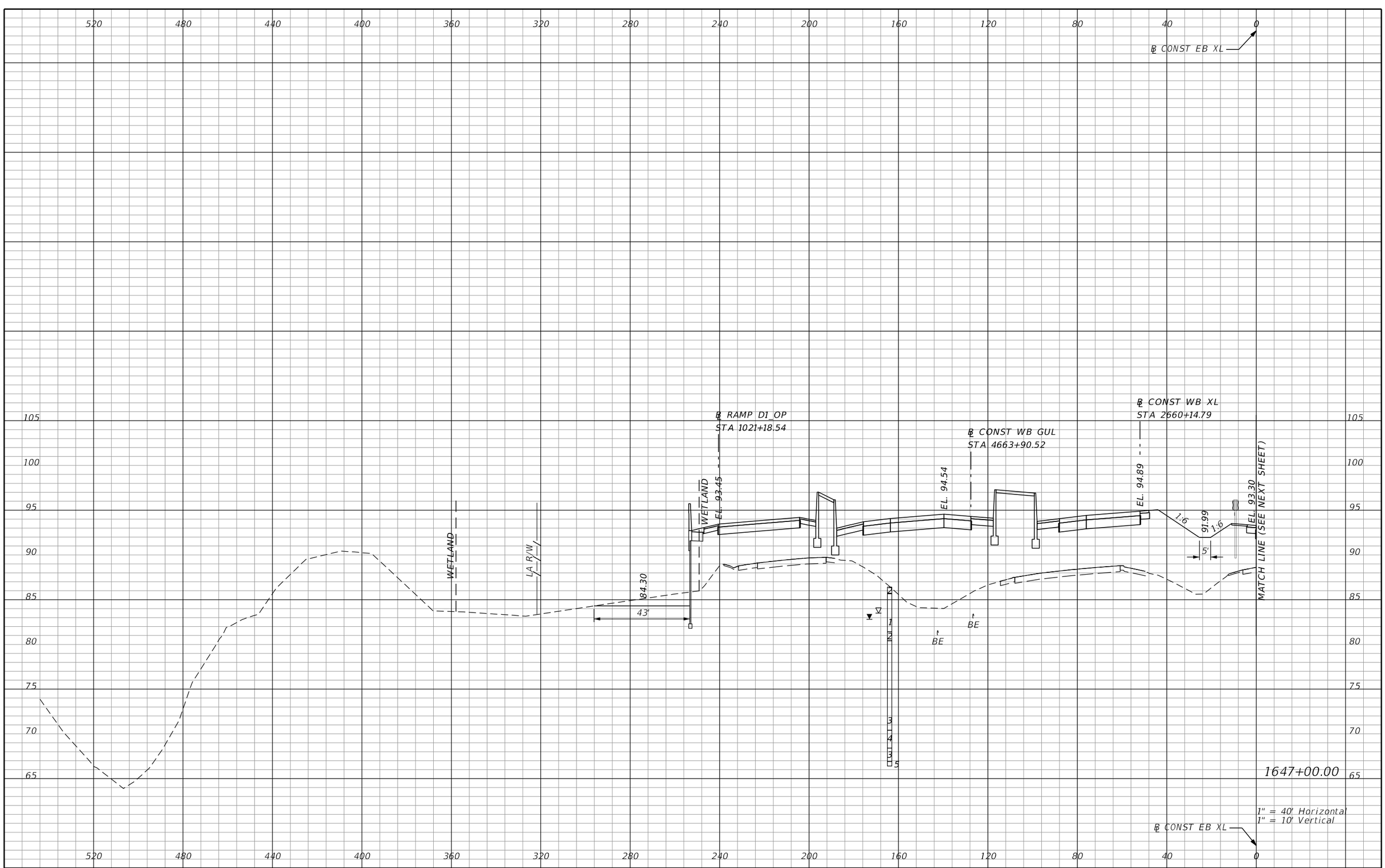

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DEPARTMENT OF TRANSPORTATION

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 498

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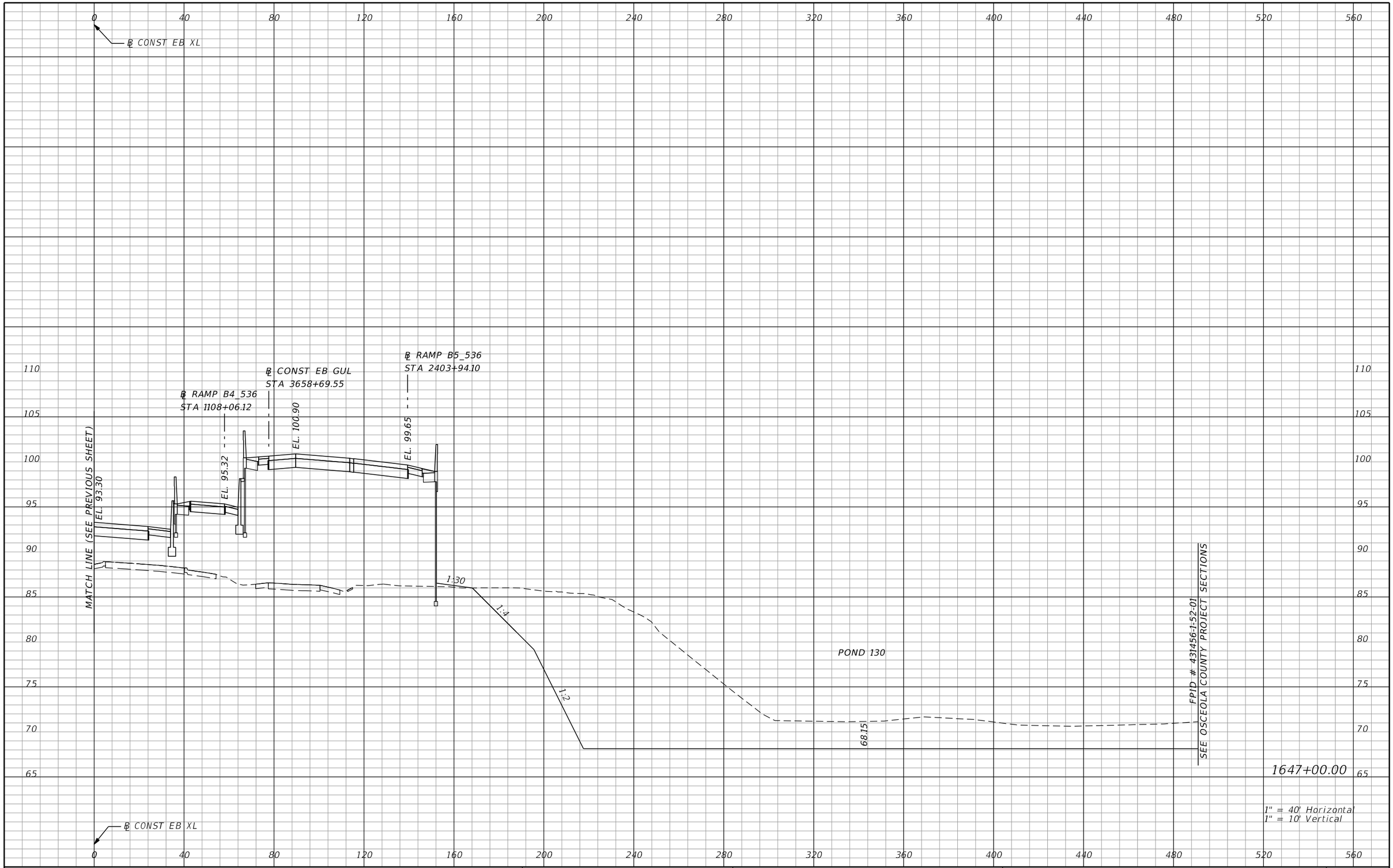

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 499

PRELIMINARY: NOT FOR CONSTRUCTION

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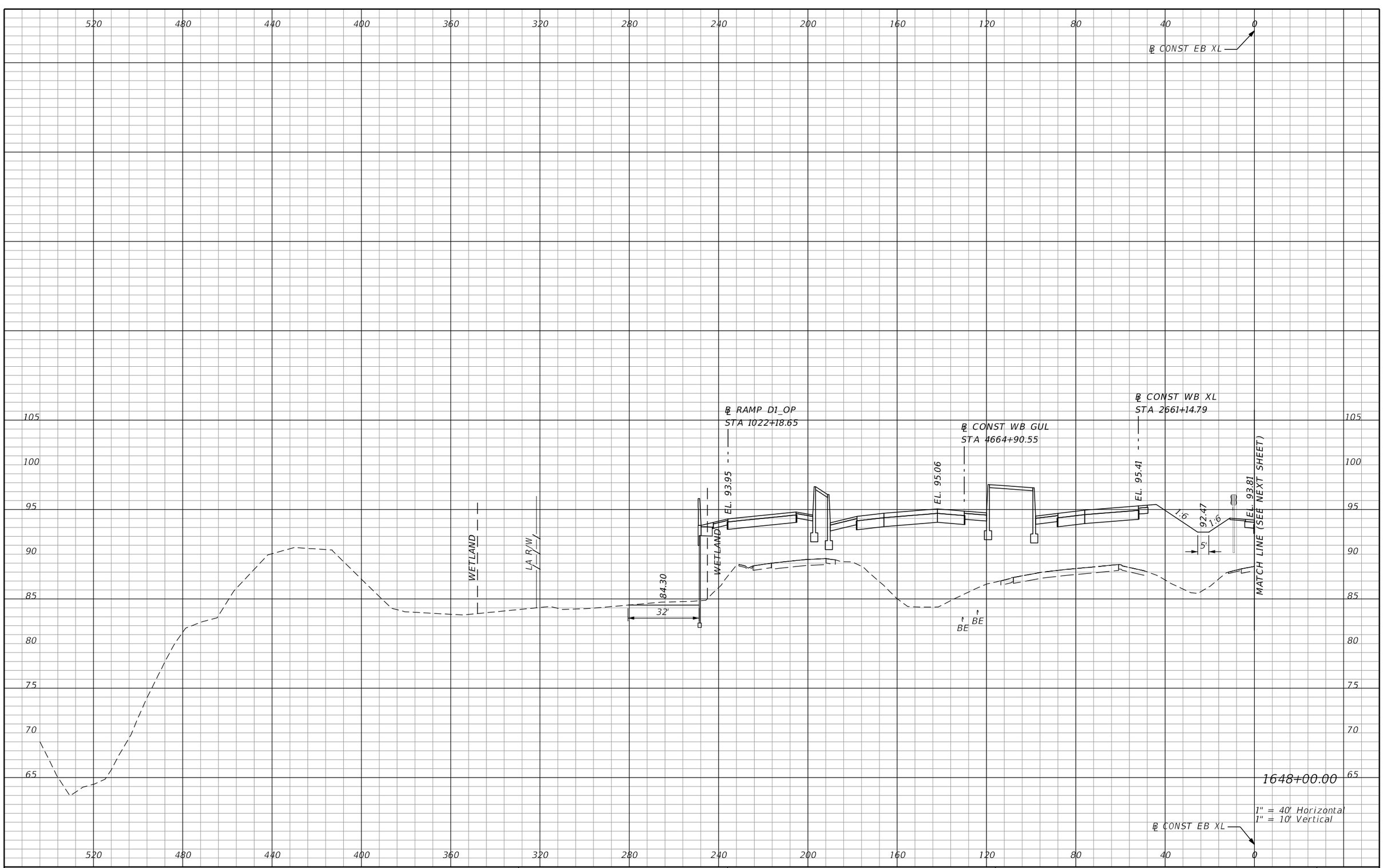

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
500

PRELIMINARY: NOT FOR CONSTRUCTION

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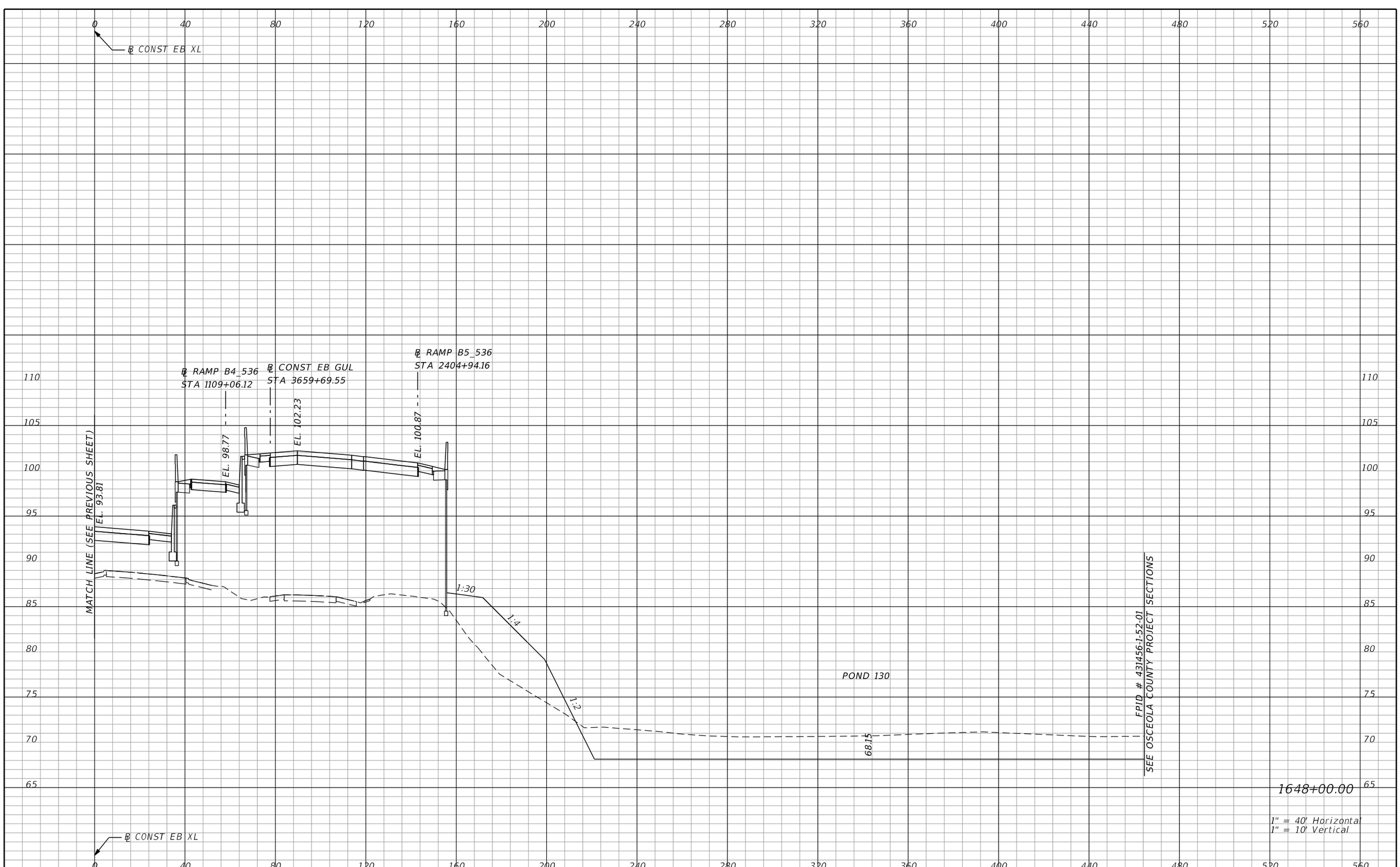

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 501

PRELIMINARY: NOT FOR CONSTRUCTION

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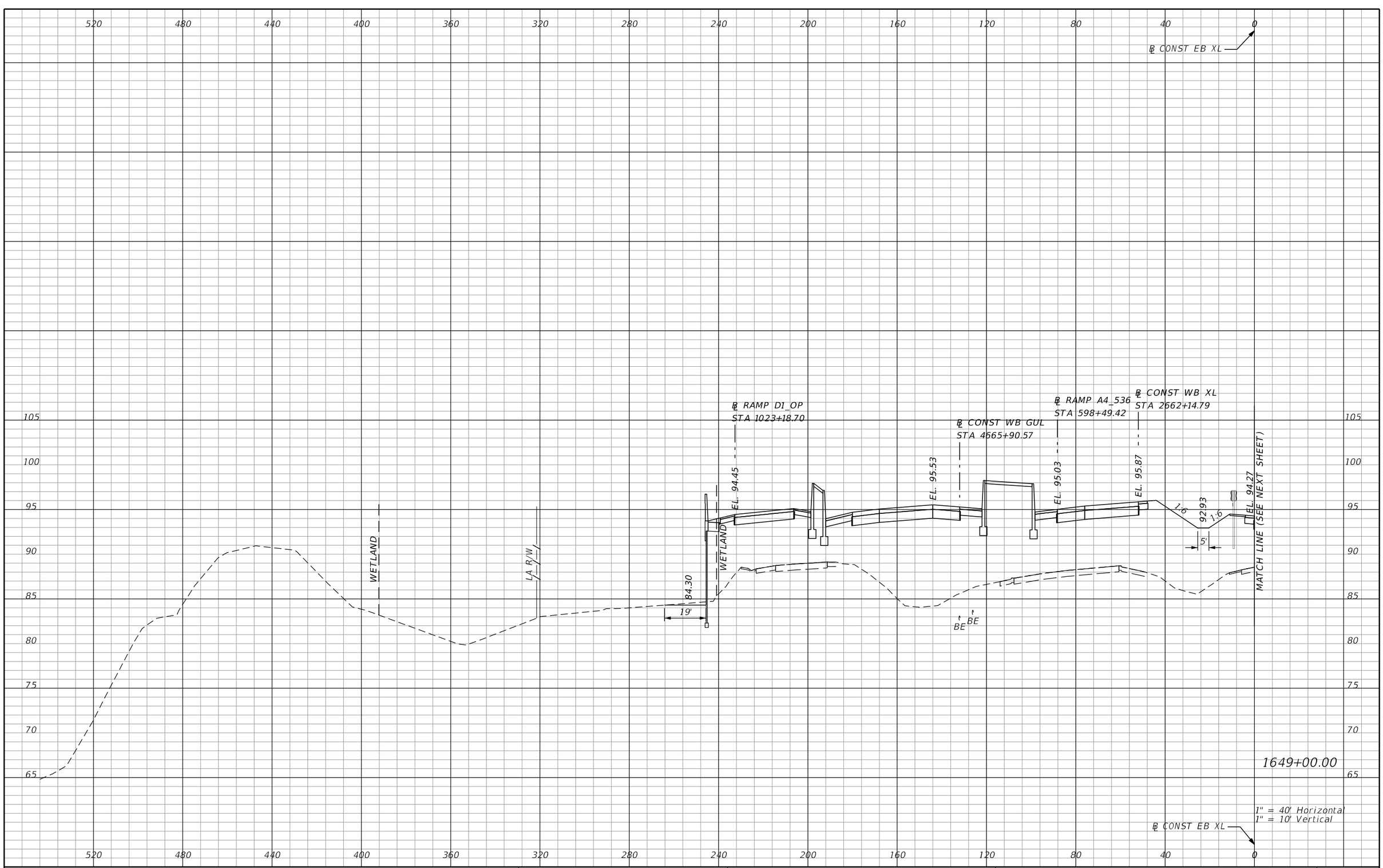

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AECOM TECHNICAL SERVICES, Inc.
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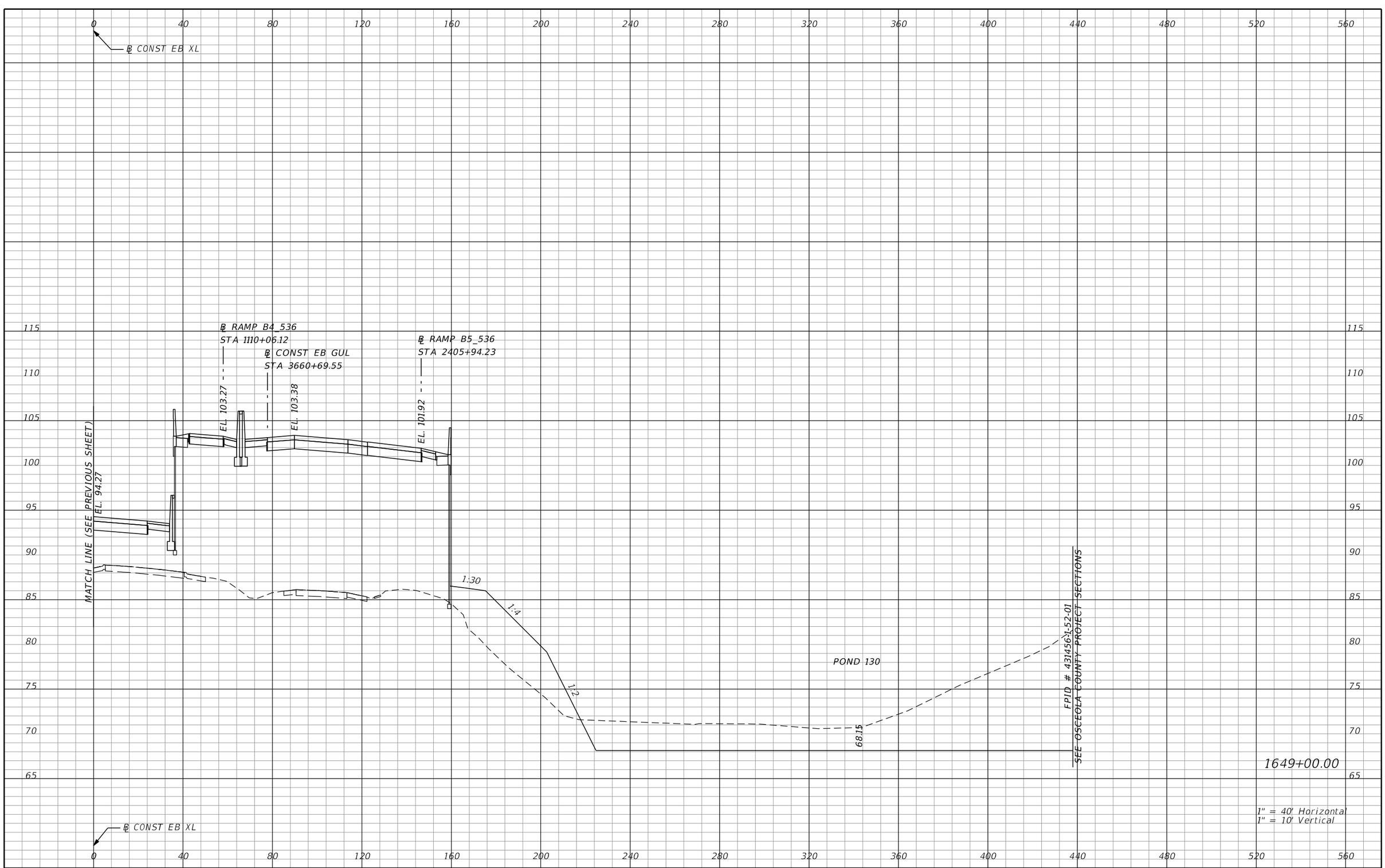
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 502

PRELIMINARY: NOT FOR CONSTRUCTION



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 503

PRELIMINARY: NOT FOR CONSTRUCTION

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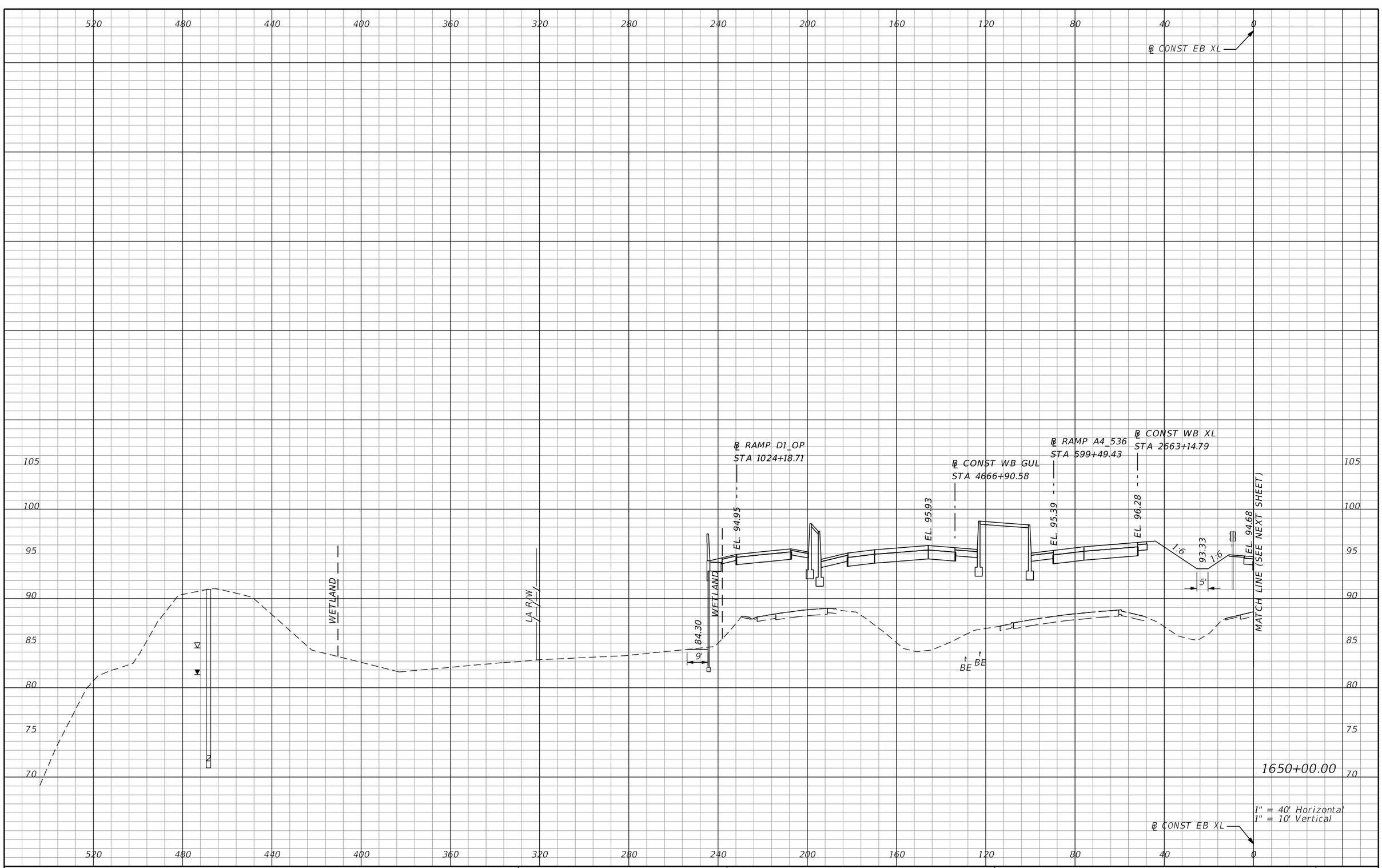

REVISIONS			
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AECOM TECHNICAL SERVICES, Inc.
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 504

PRELIMINARY: NOT FOR CONSTRUCTION

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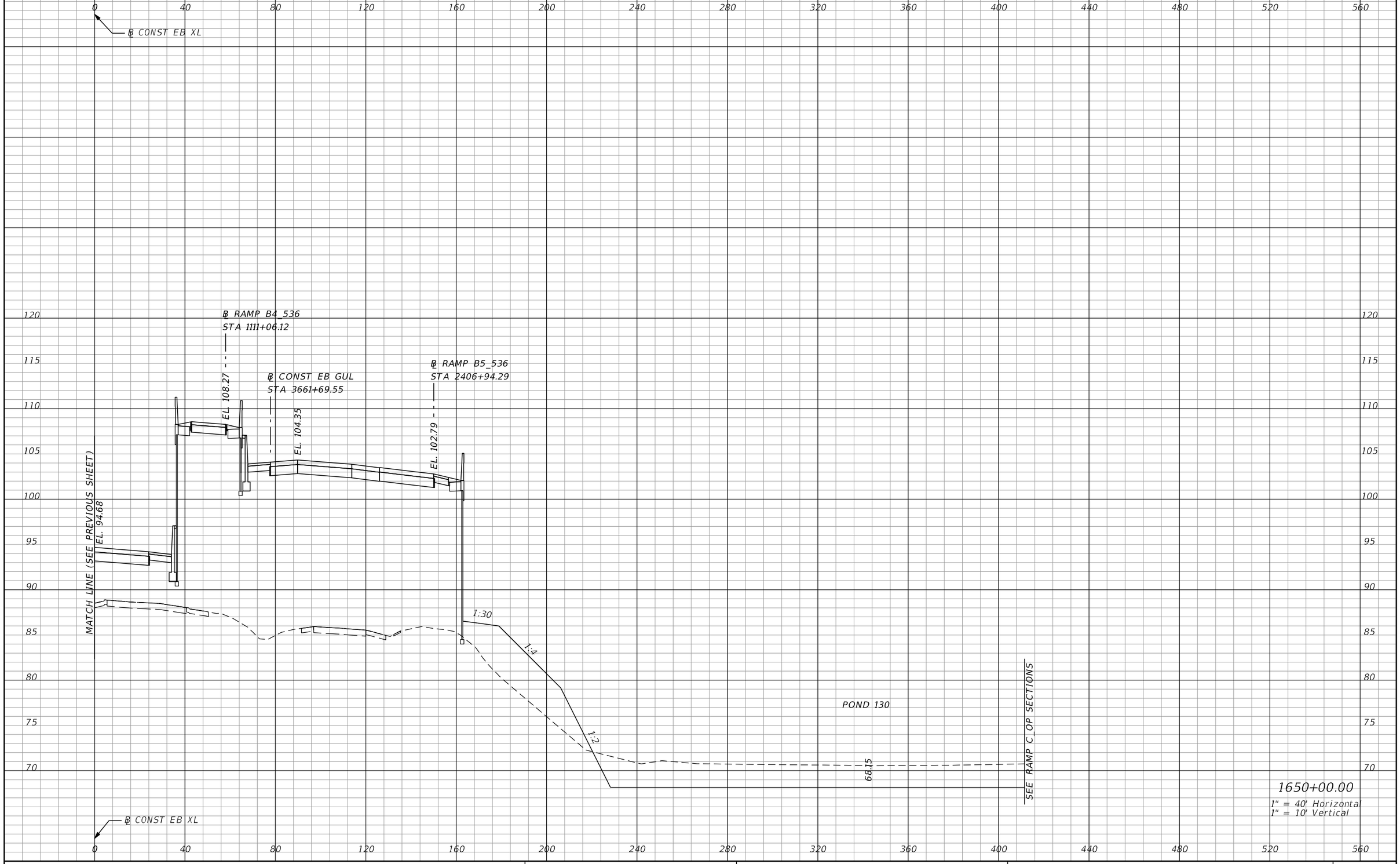

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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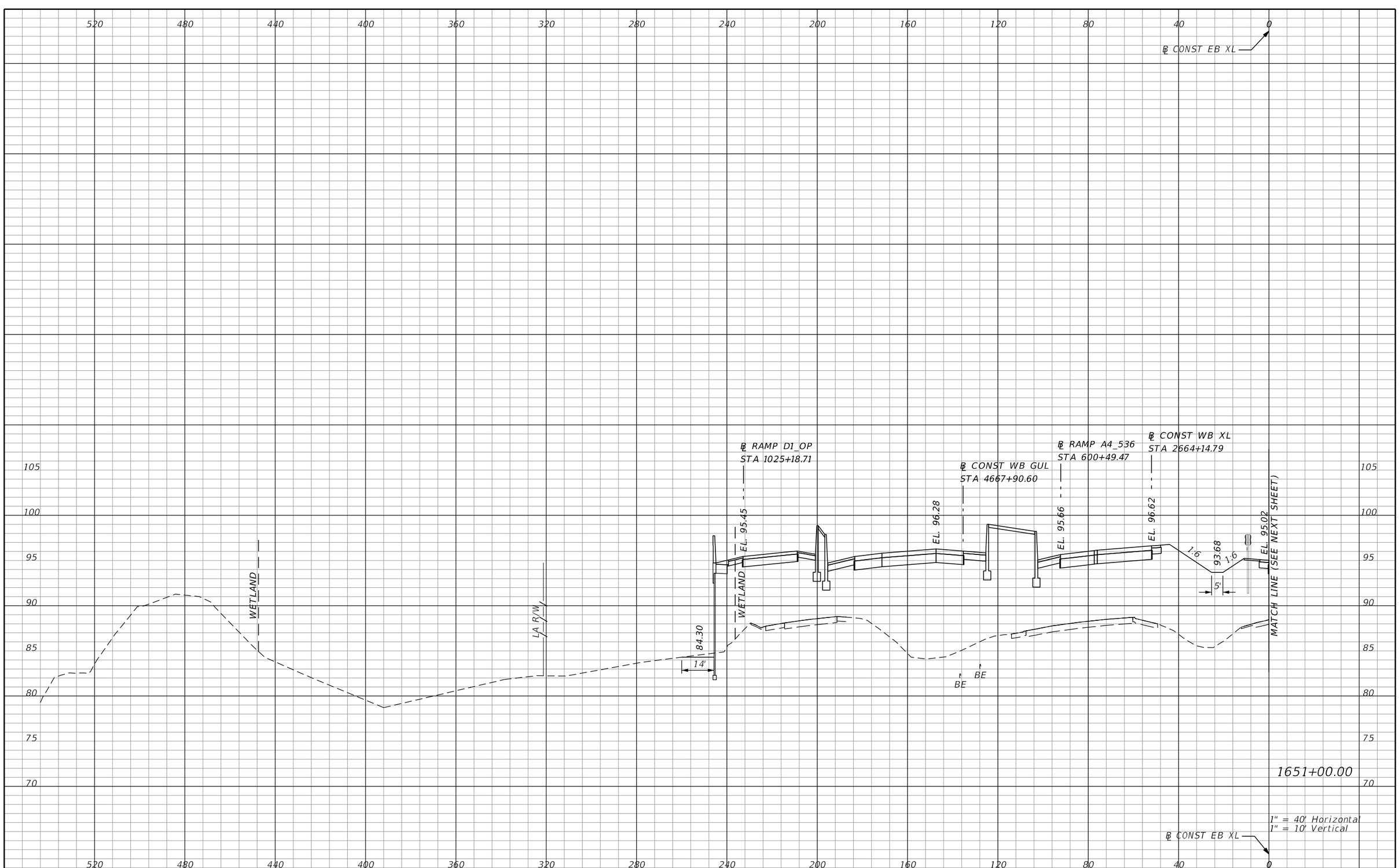
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 505



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 506

PRELIMINARY: NOT FOR CONSTRUCTION

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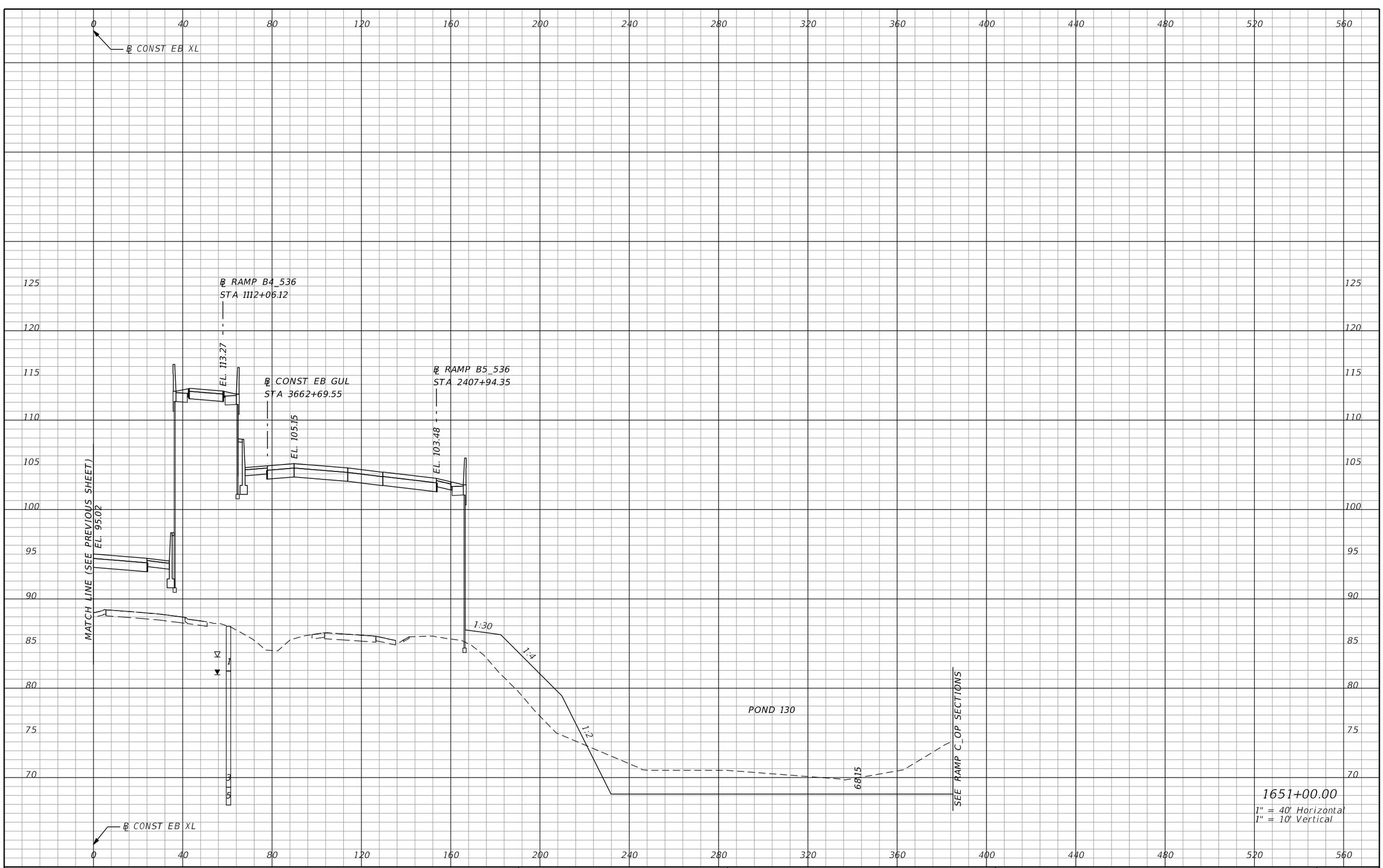

1651+00.00

1" = 40' Horizontal
1" = 10' Vertical

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 507

PRELIMINARY: NOT FOR CONSTRUCTION

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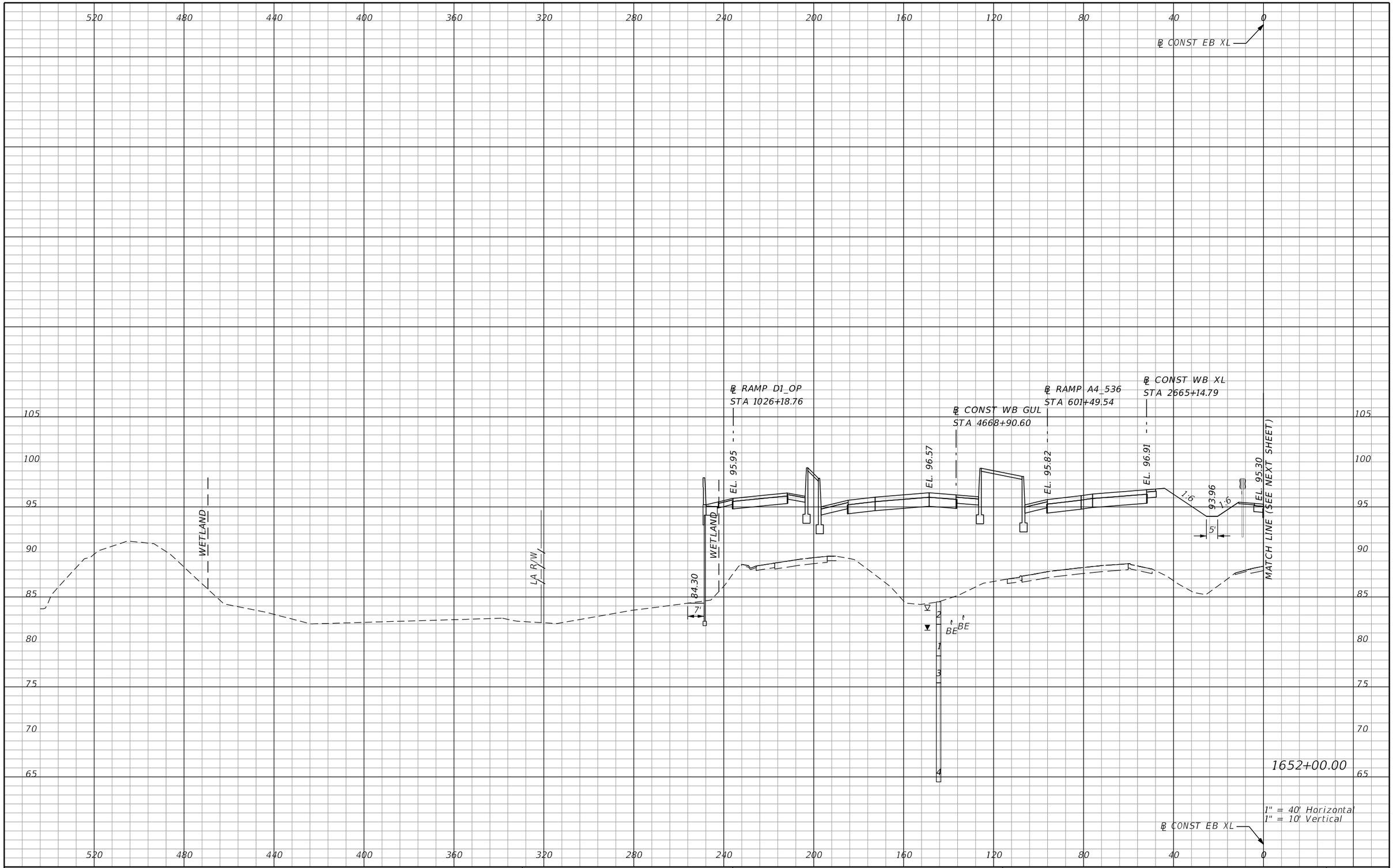

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 508

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ CONST EB XL

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STA 1113+06.12

EL. 118.13

℄ CONST EB GUL
STA 3663+69.55

EL. 105.78

℄ RAMP B5_536
STA 2408+94.42

EL. 104.00

MATCH LINE (SEE PREVIOUS SHEET)
EL. 95.30

1:30

1:4

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POND 130

68.15

SEE RAMP C_OP SECTIONS

2

1652+00.00

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℄ CONST EB XL

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 509

PRELIMINARY: NOT FOR CONSTRUCTION

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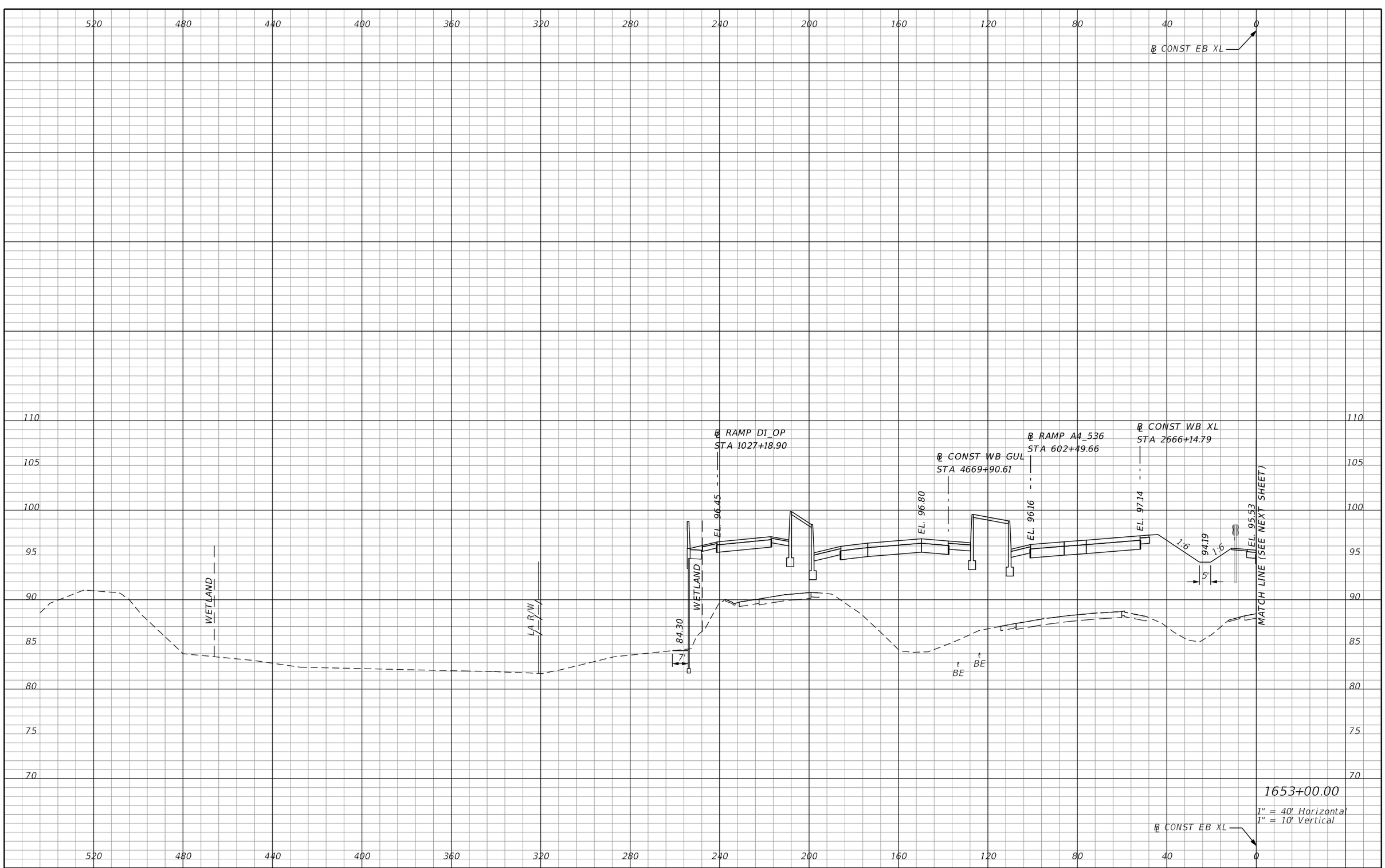

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 510

PRELIMINARY: NOT FOR CONSTRUCTION

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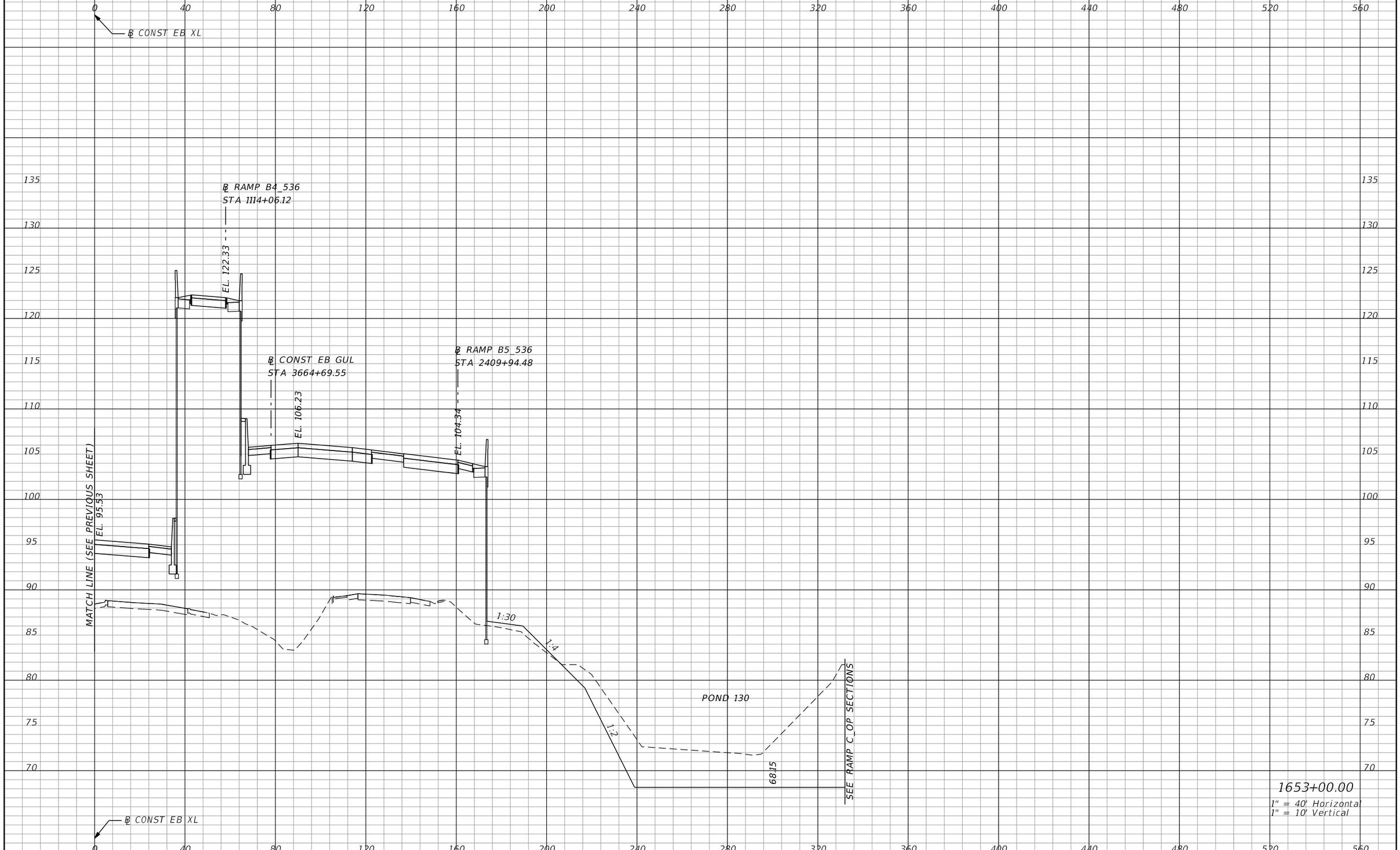

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 511

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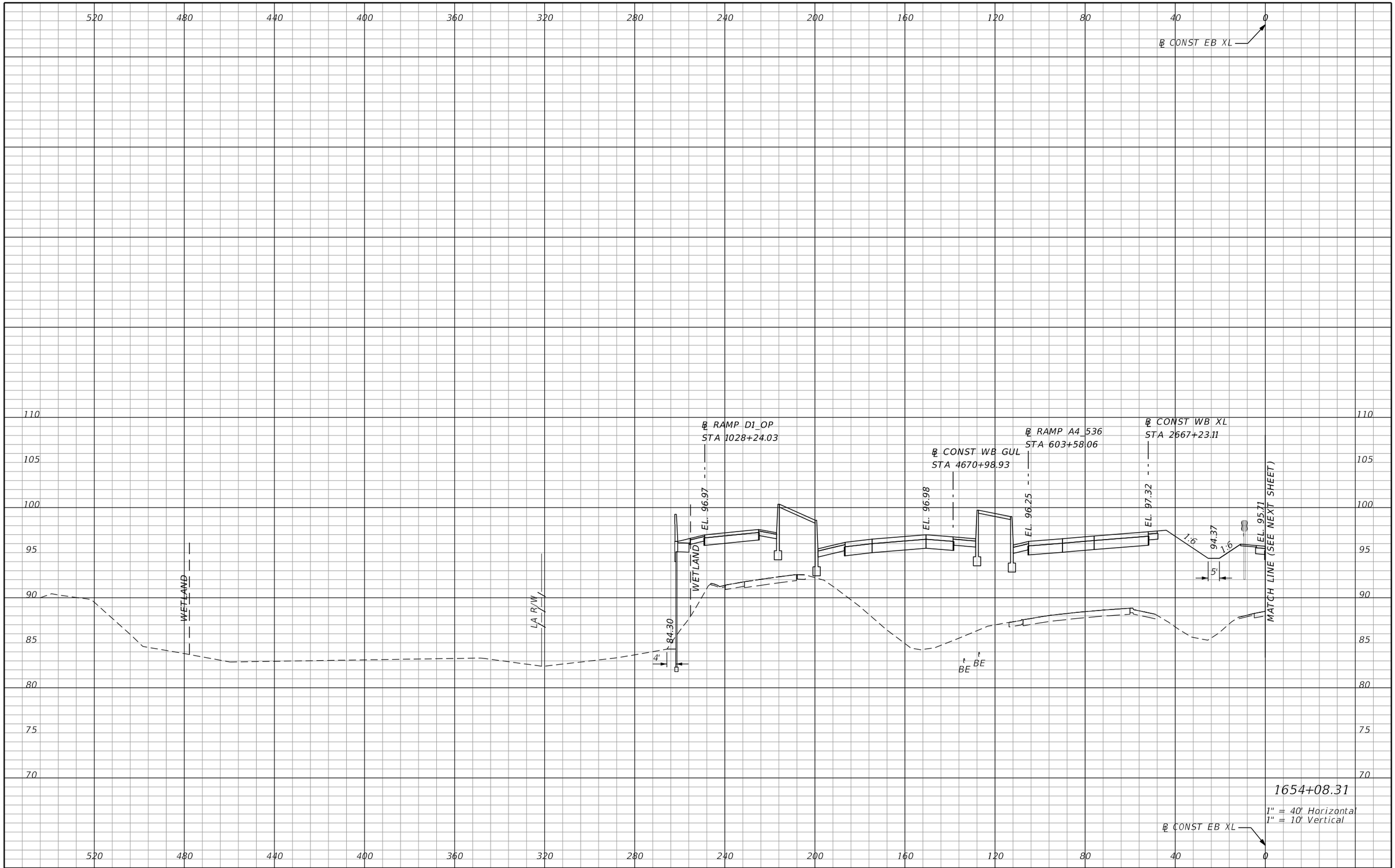

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 512

PRELIMINARY: NOT FOR CONSTRUCTION

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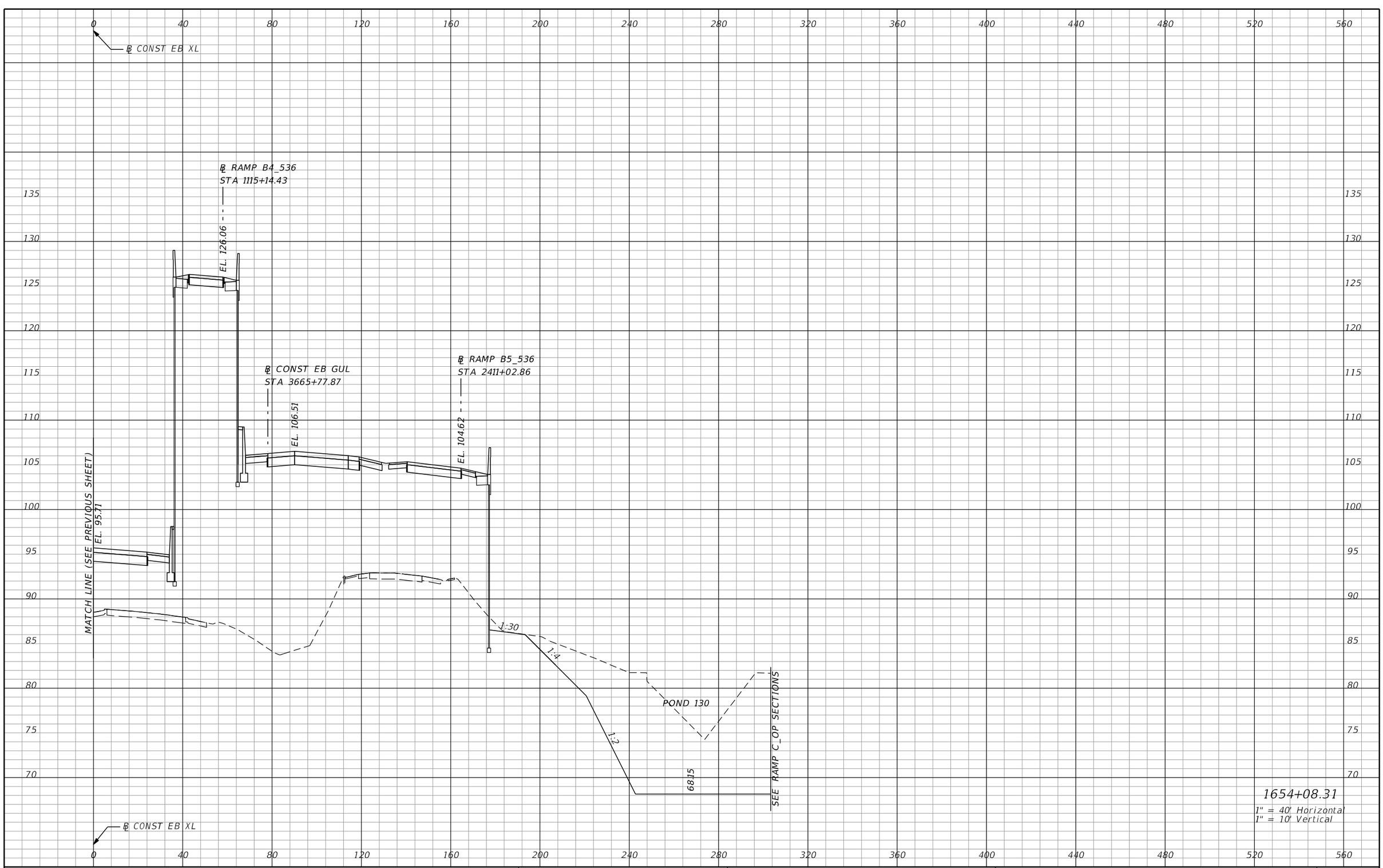

1654+08.31

1" = 40' Horizontal
1" = 10' Vertical

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
513

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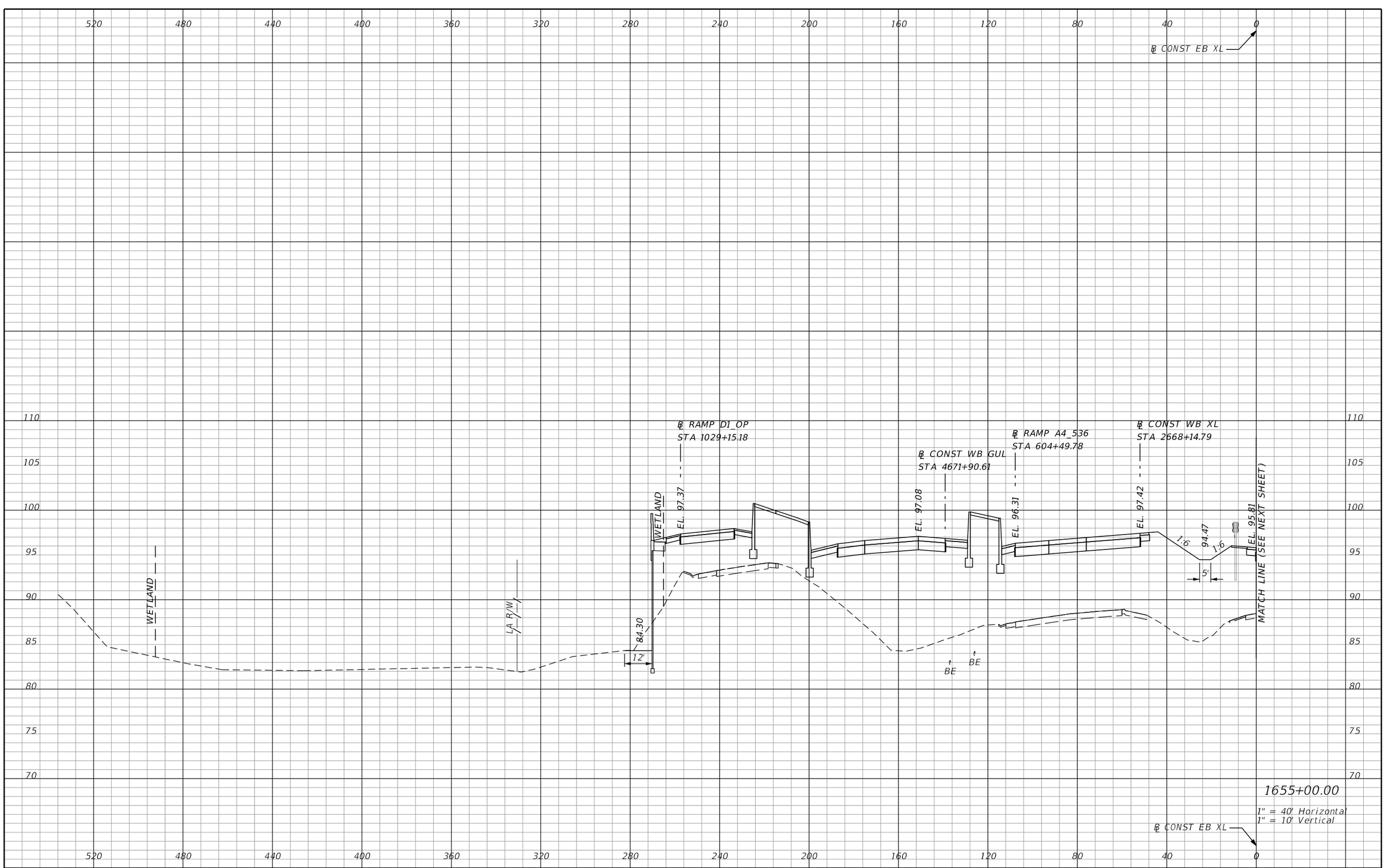

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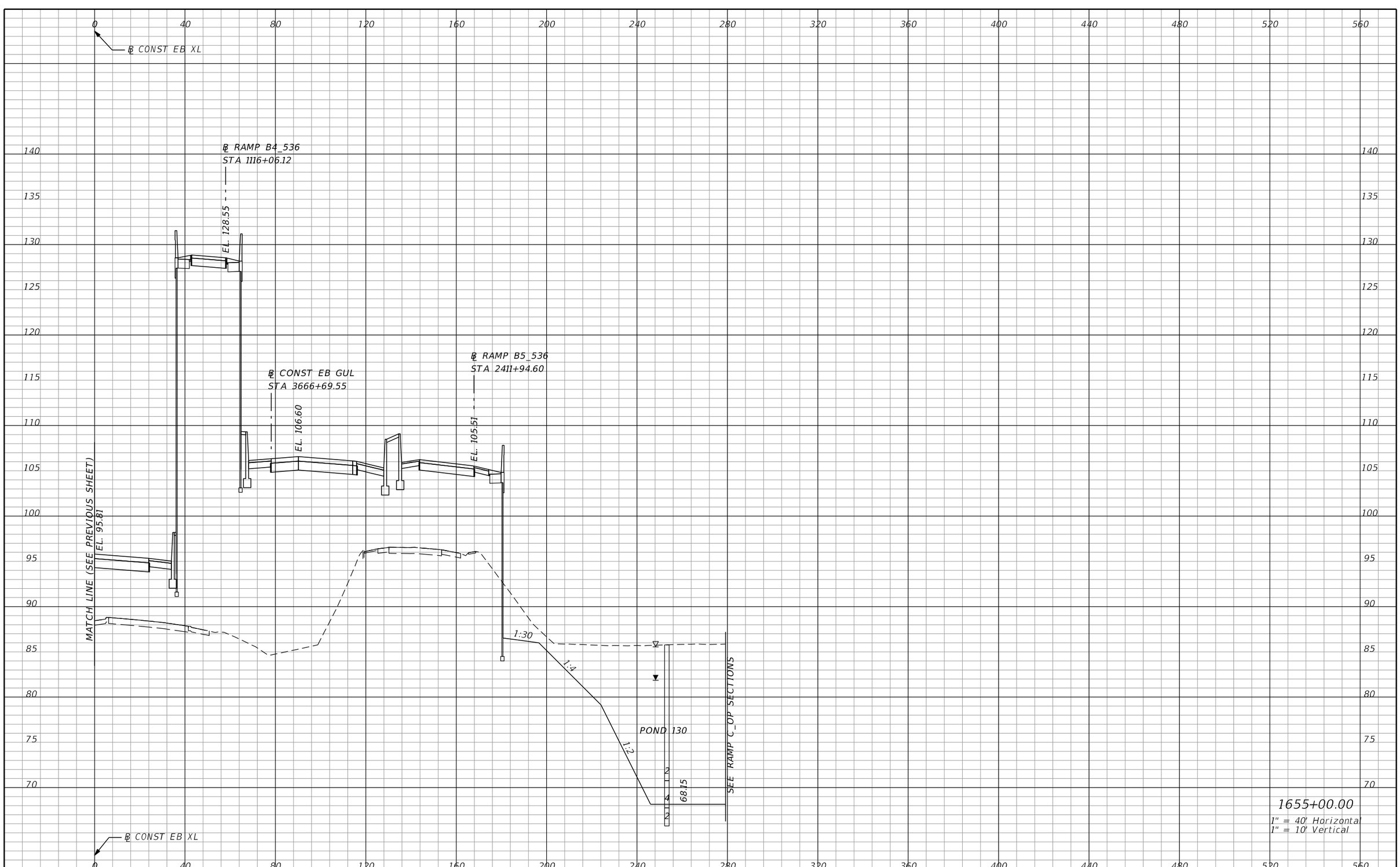
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 514

PRELIMINARY: NOT FOR CONSTRUCTION



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1" = 40' Horizontal
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REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 515

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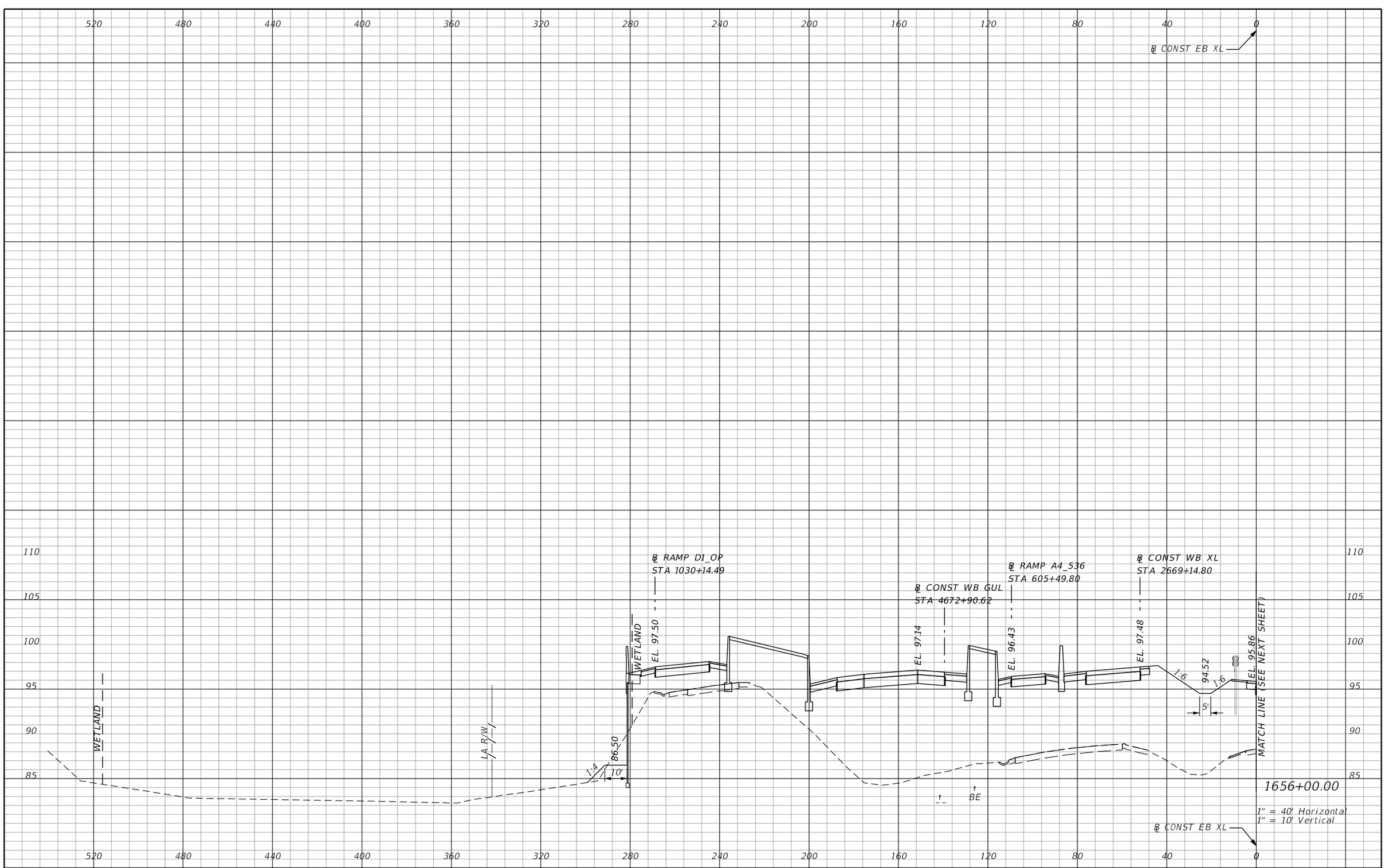

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 516

PRELIMINARY: NOT FOR CONSTRUCTION

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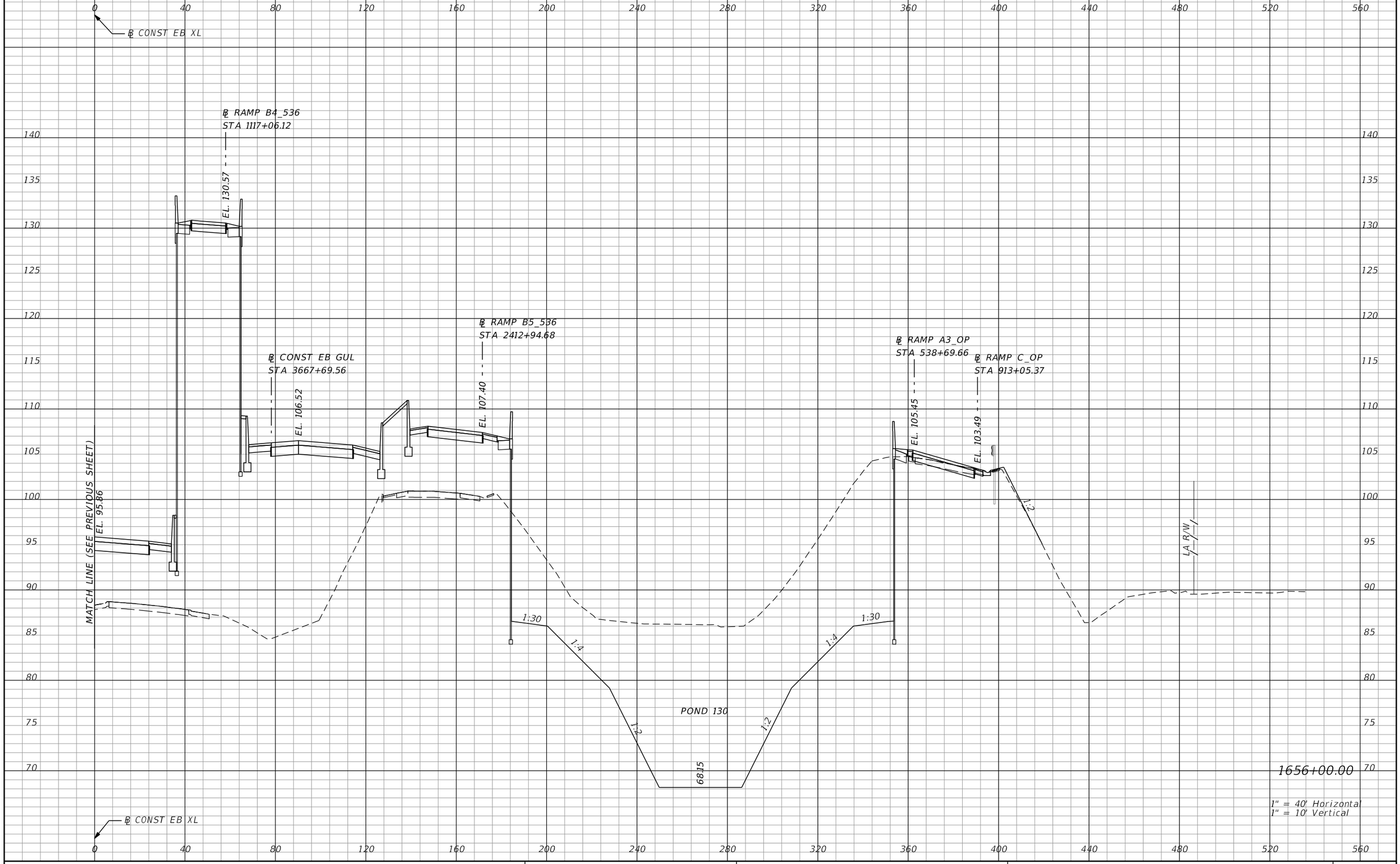

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1" = 10' Vertical

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 517

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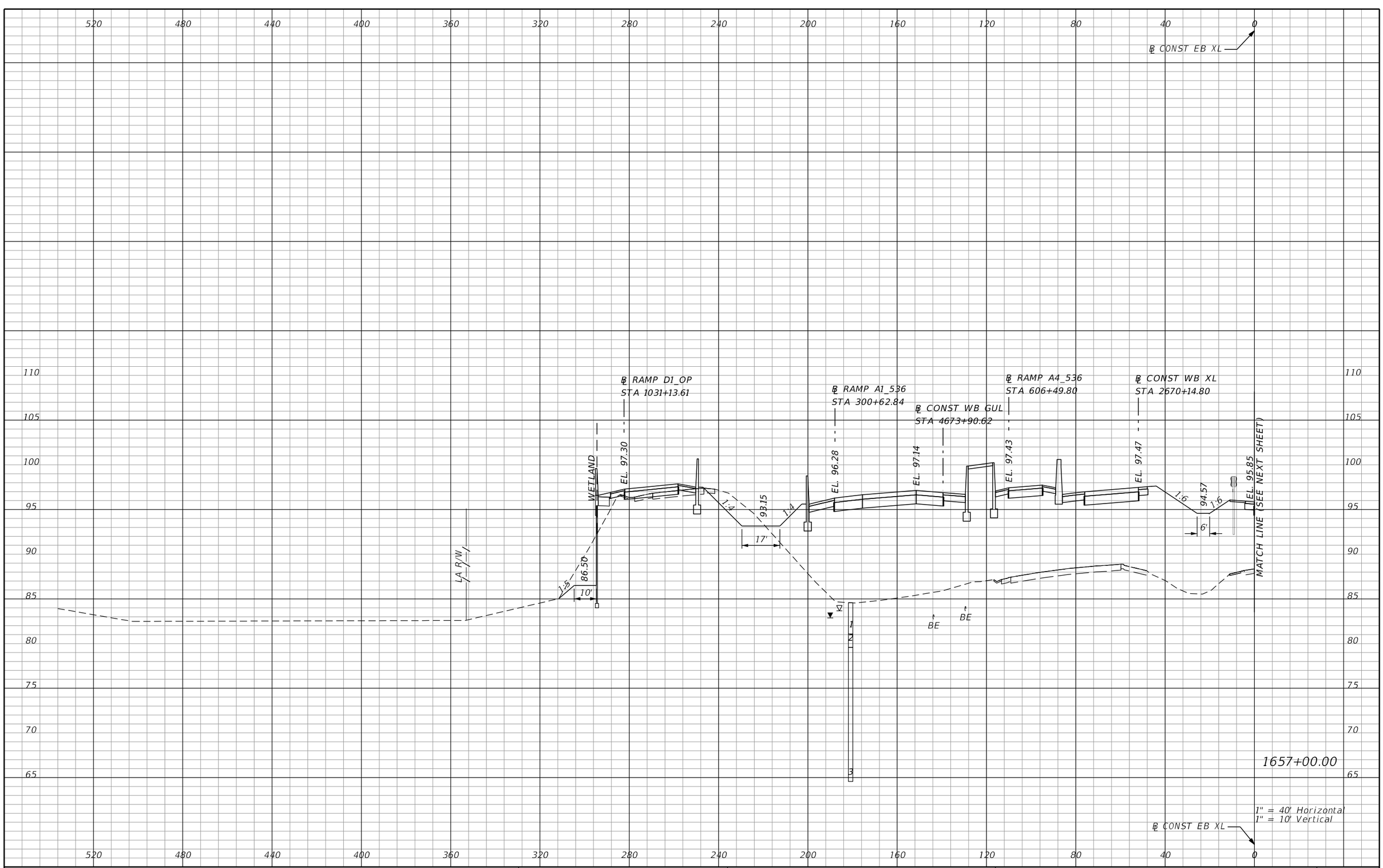

REVISIONS			
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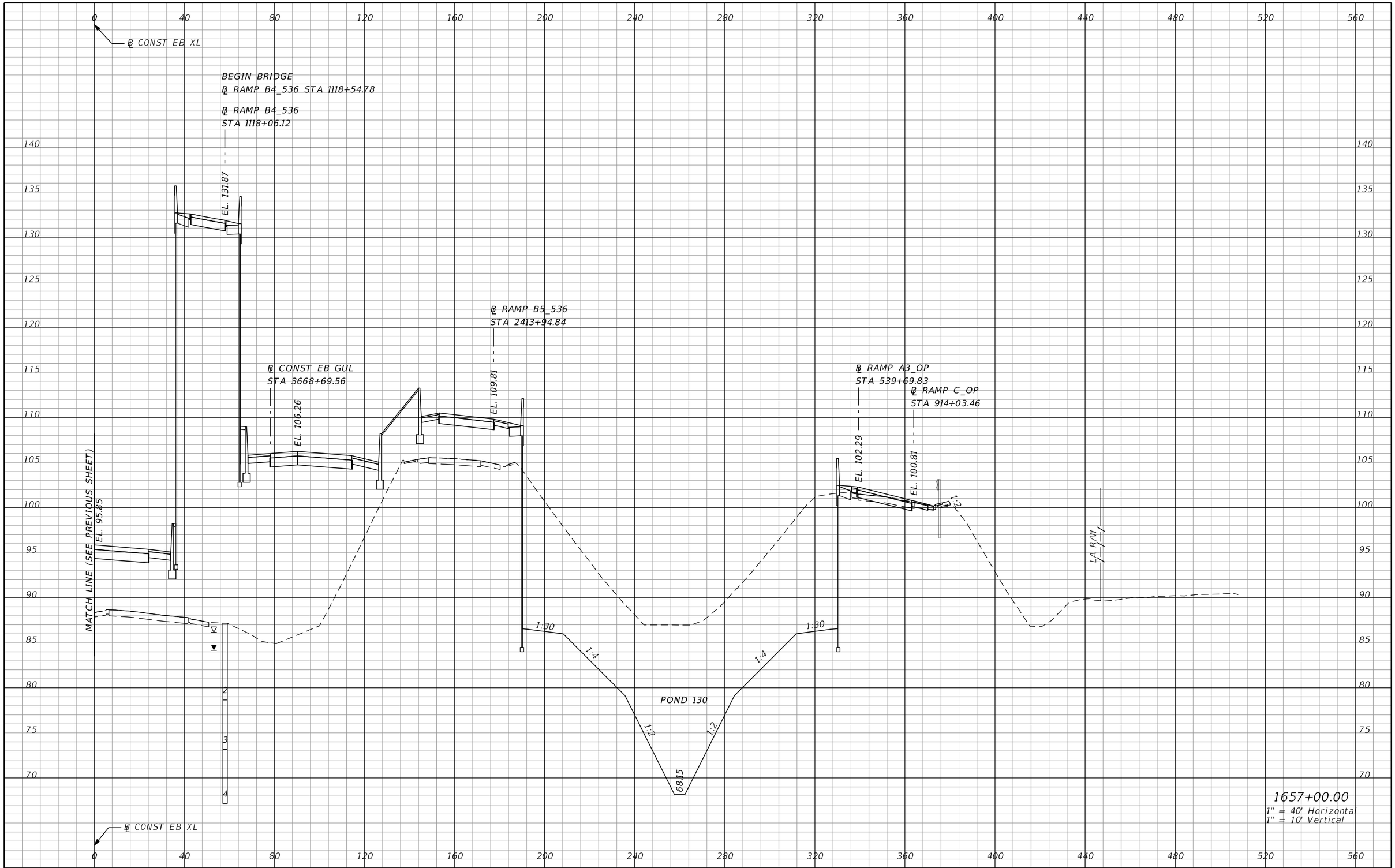
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 518

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 519

PRELIMINARY: NOT FOR CONSTRUCTION

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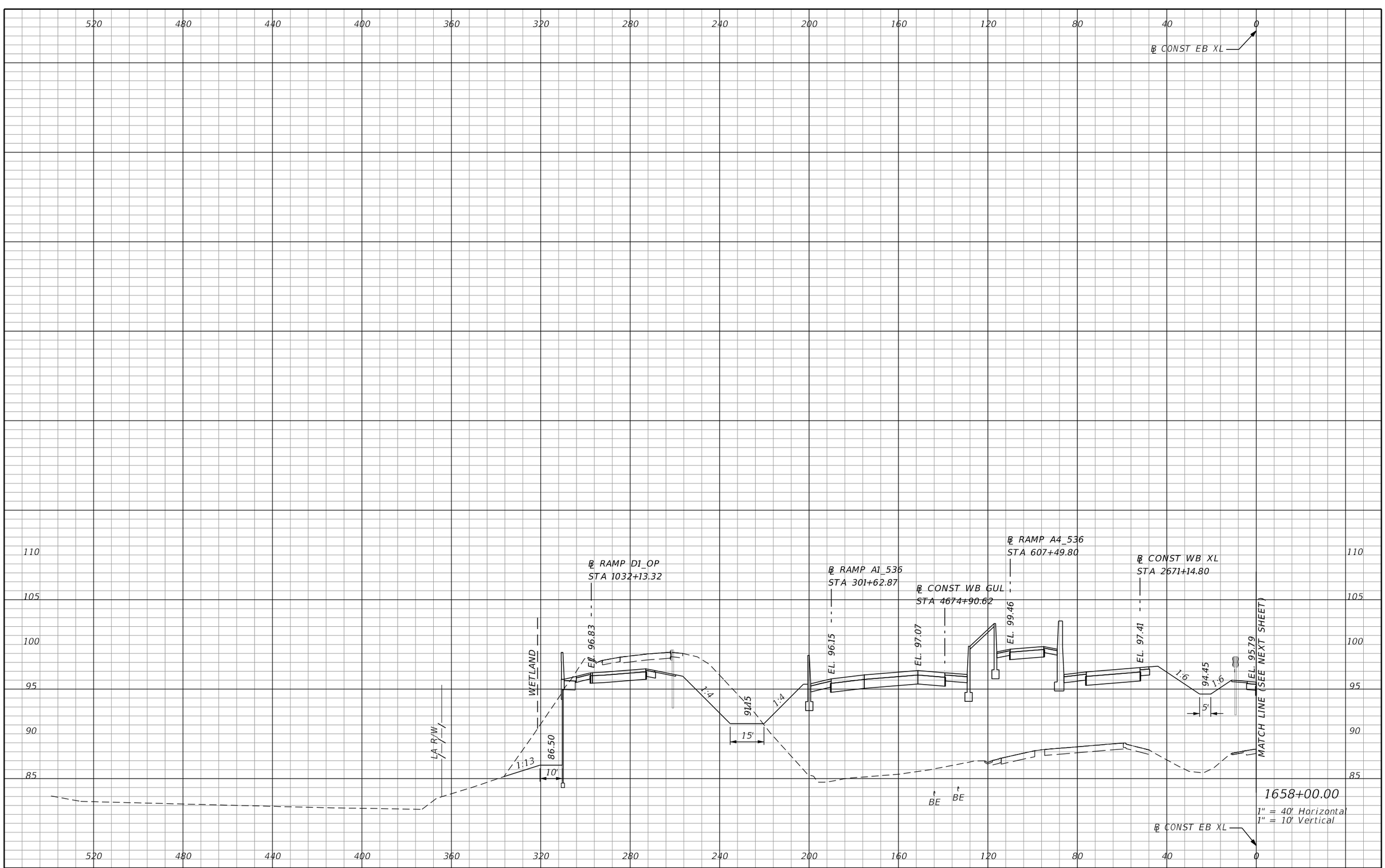

REVISIONS			
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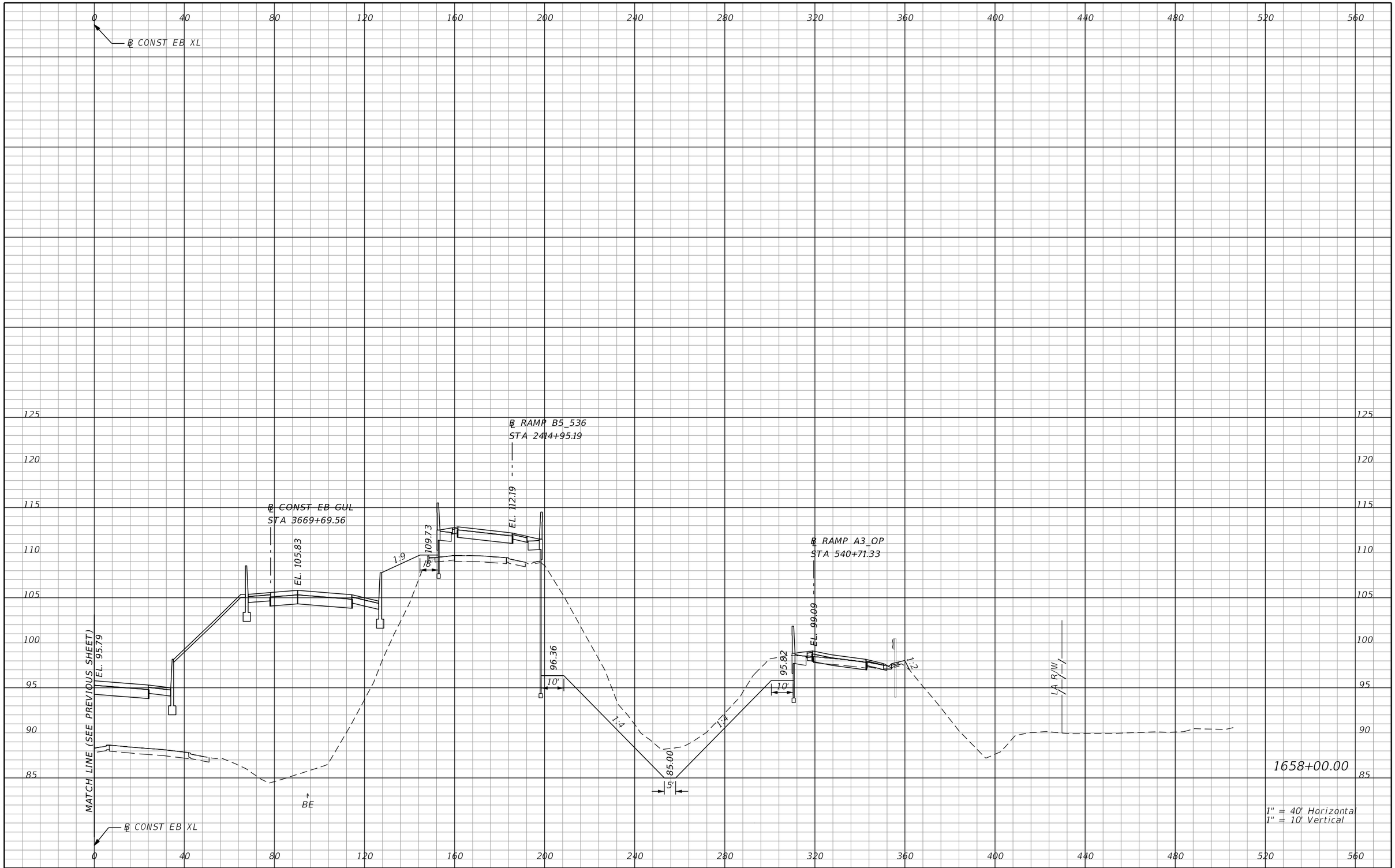
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 520

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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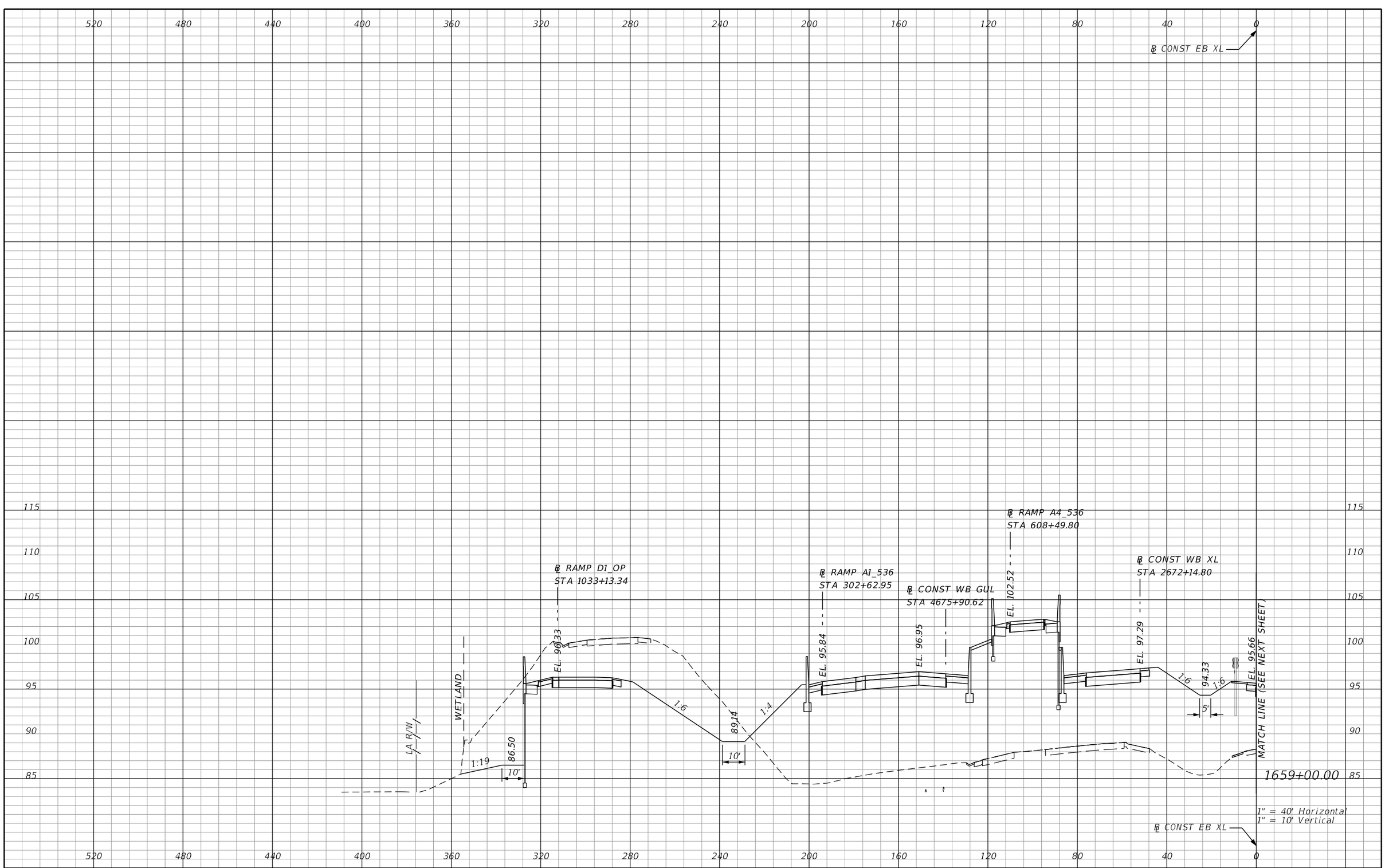
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 521

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 522

PRELIMINARY: NOT FOR CONSTRUCTION

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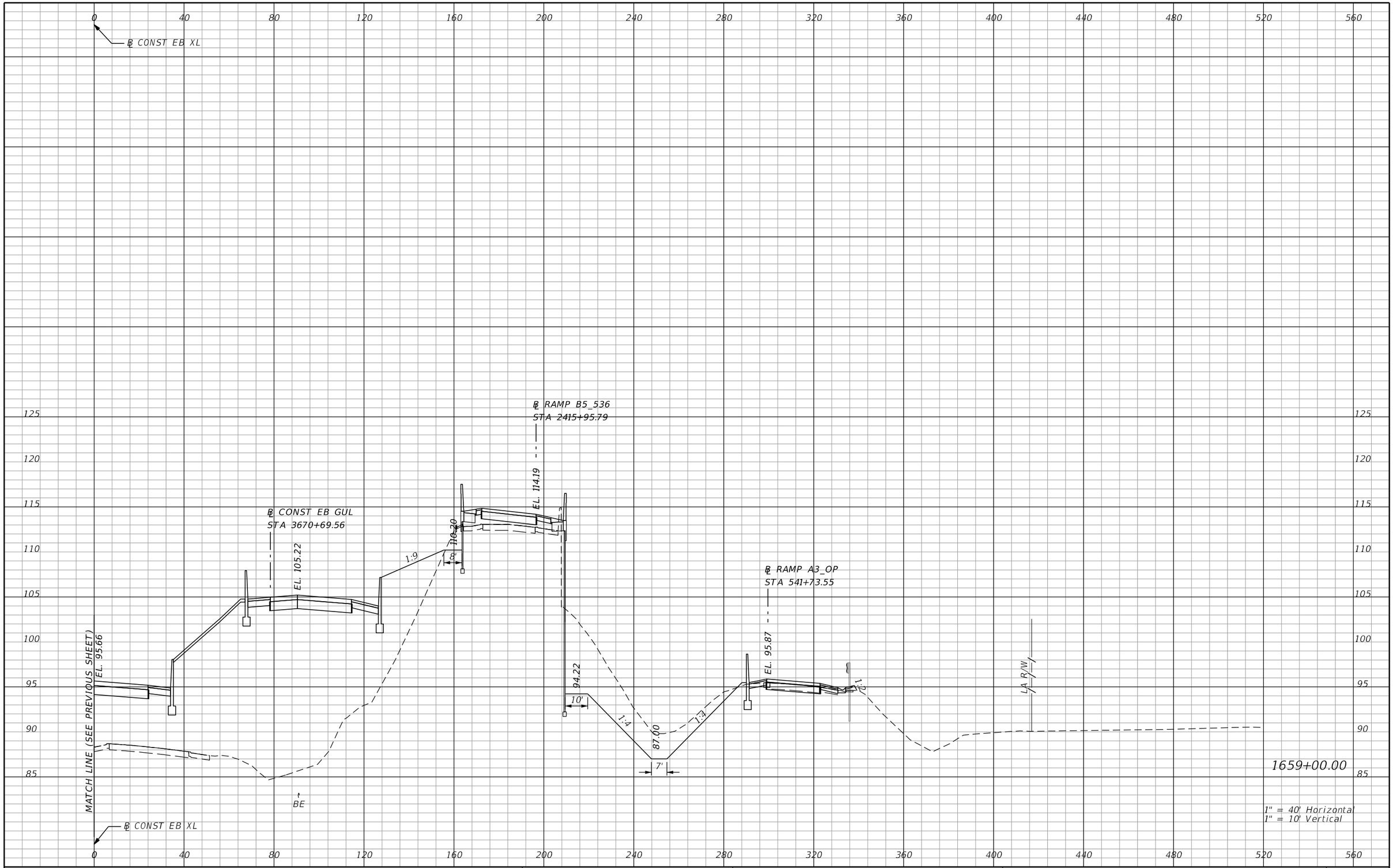

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 523

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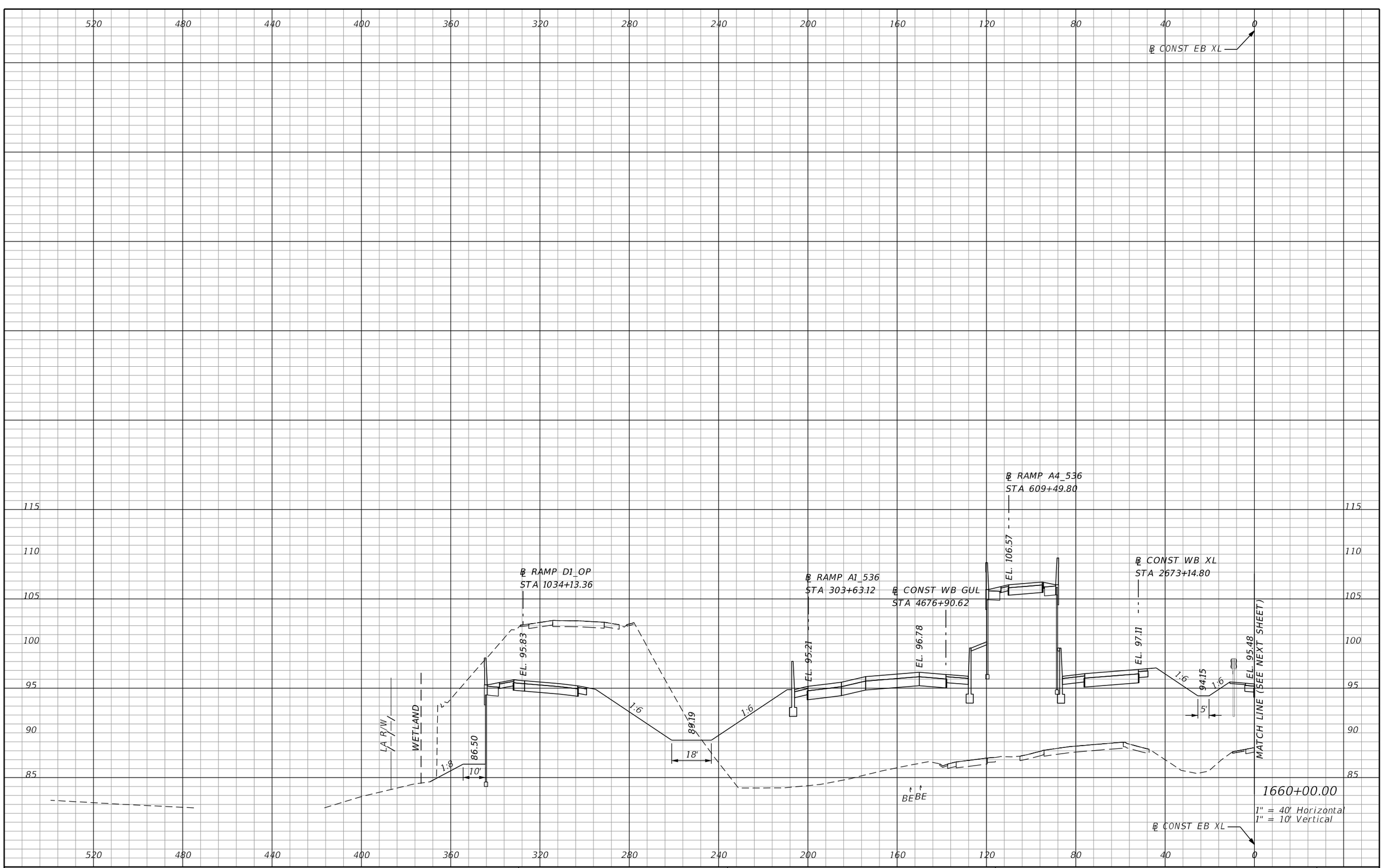

REVISIONS			
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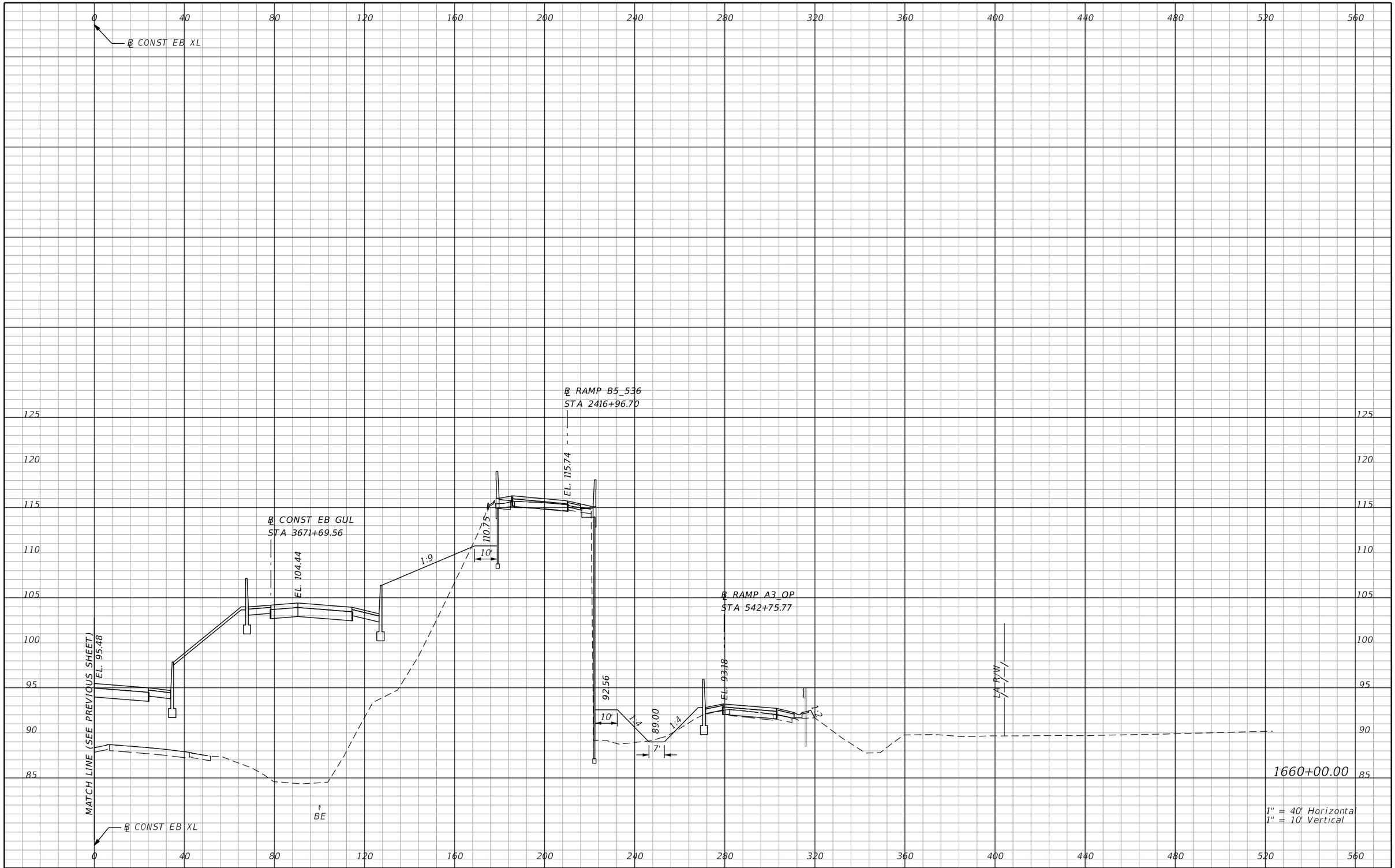
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 524

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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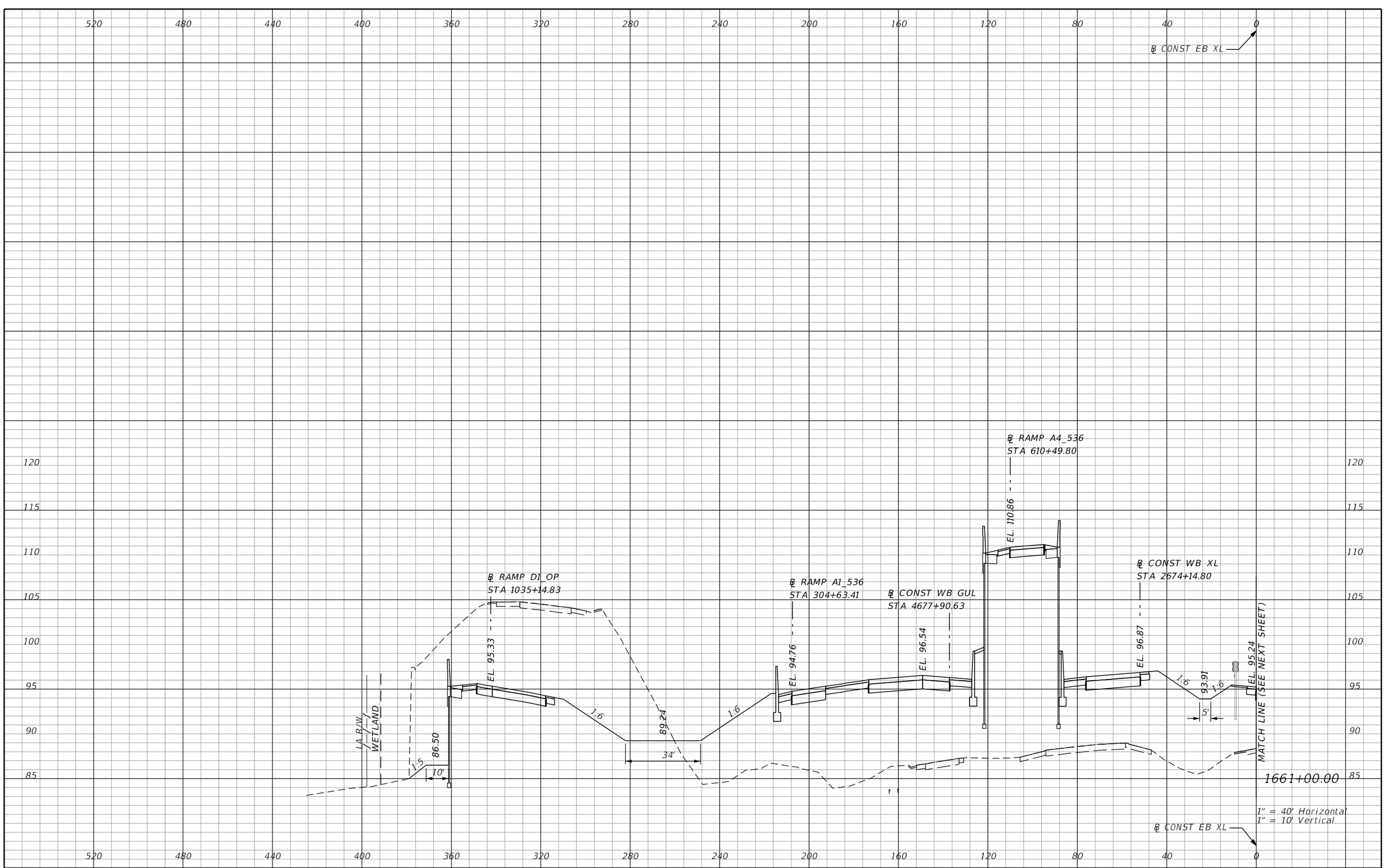
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 525

PRELIMINARY: NOT FOR CONSTRUCTION



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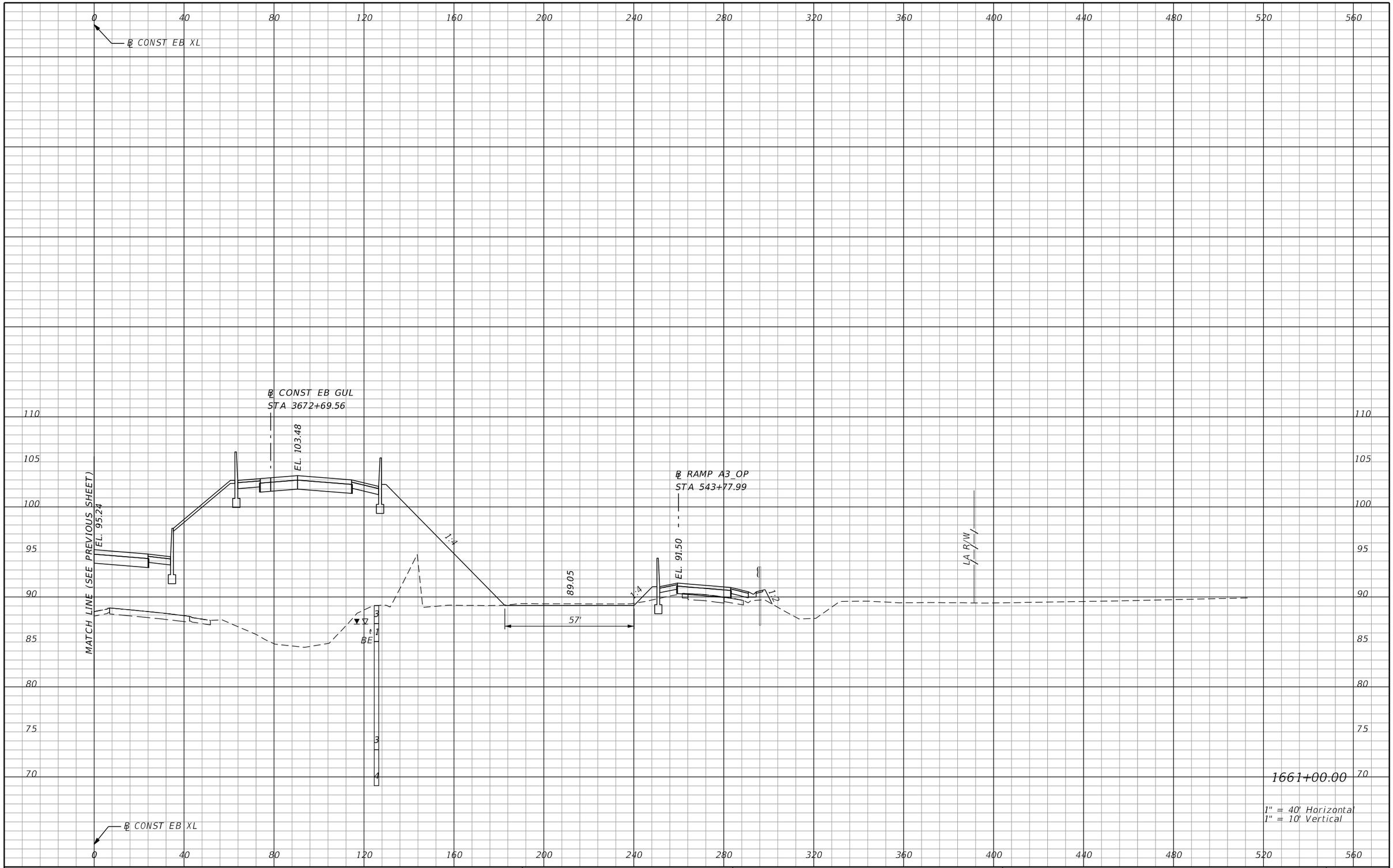
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 526



REVISIONS			
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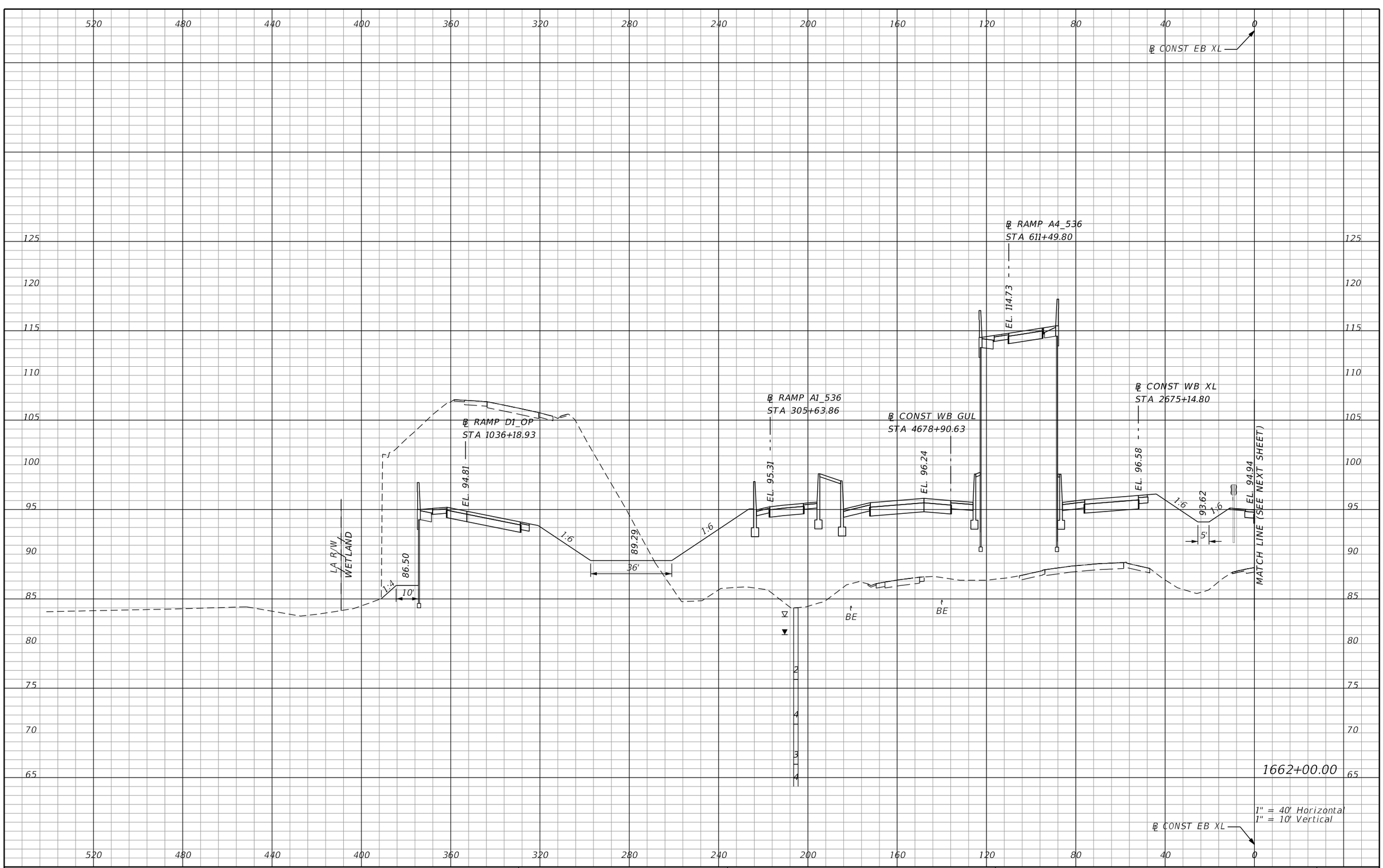
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 527

PRELIMINARY: NOT FOR CONSTRUCTION



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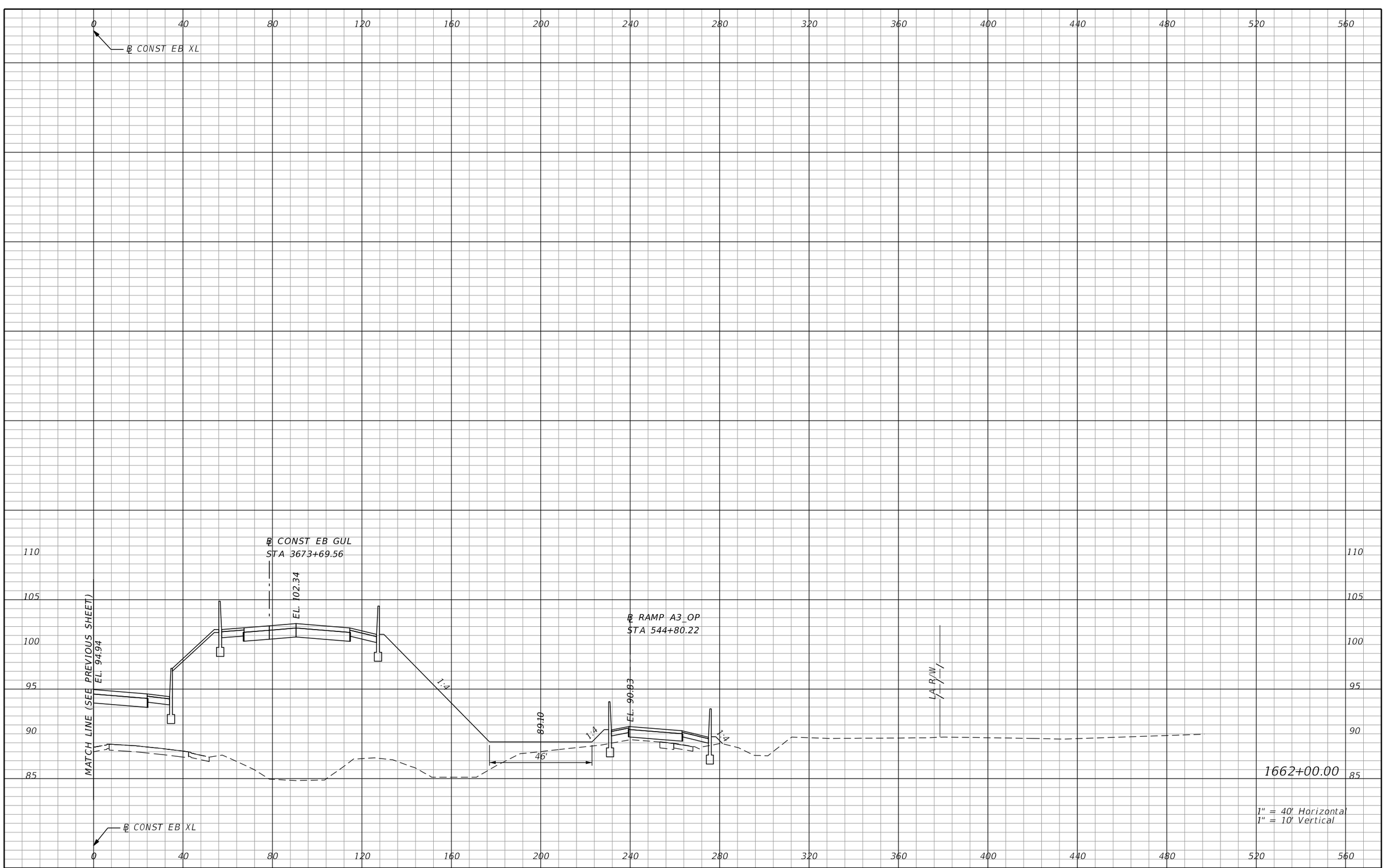
SHEET NO. 528

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 529

PRELIMINARY: NOT FOR CONSTRUCTION

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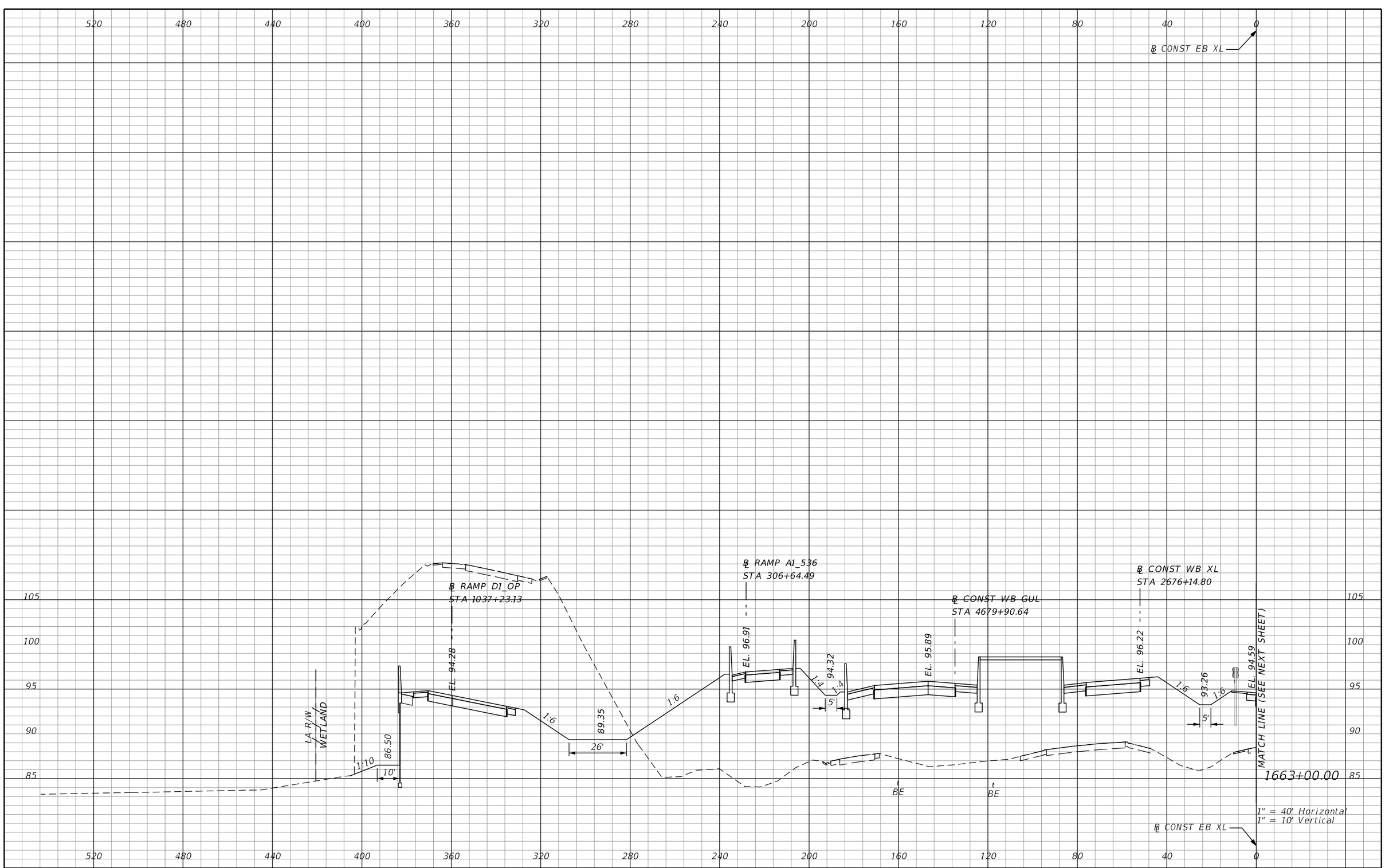

REVISIONS			
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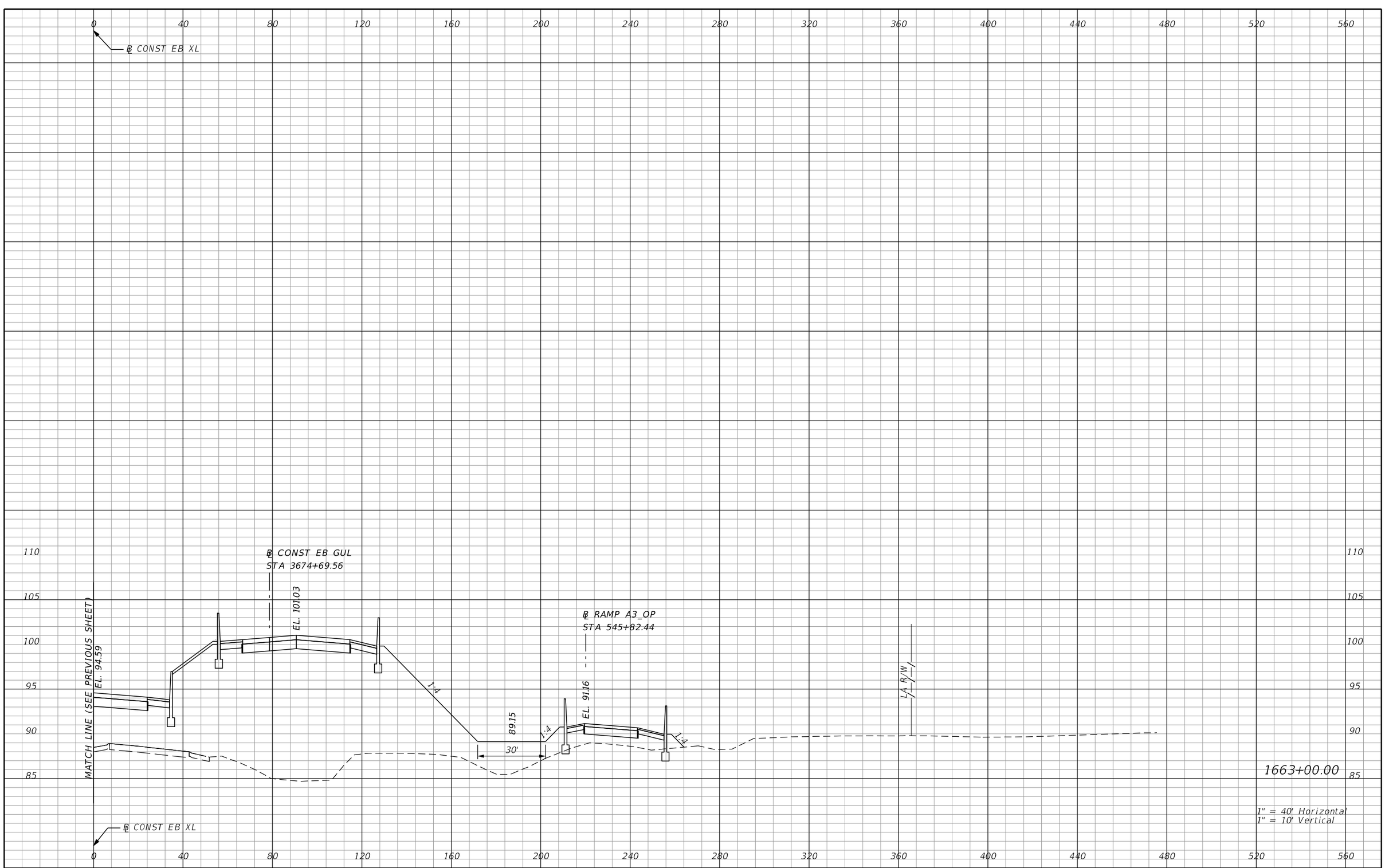
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 530

PRELIMINARY: NOT FOR CONSTRUCTION



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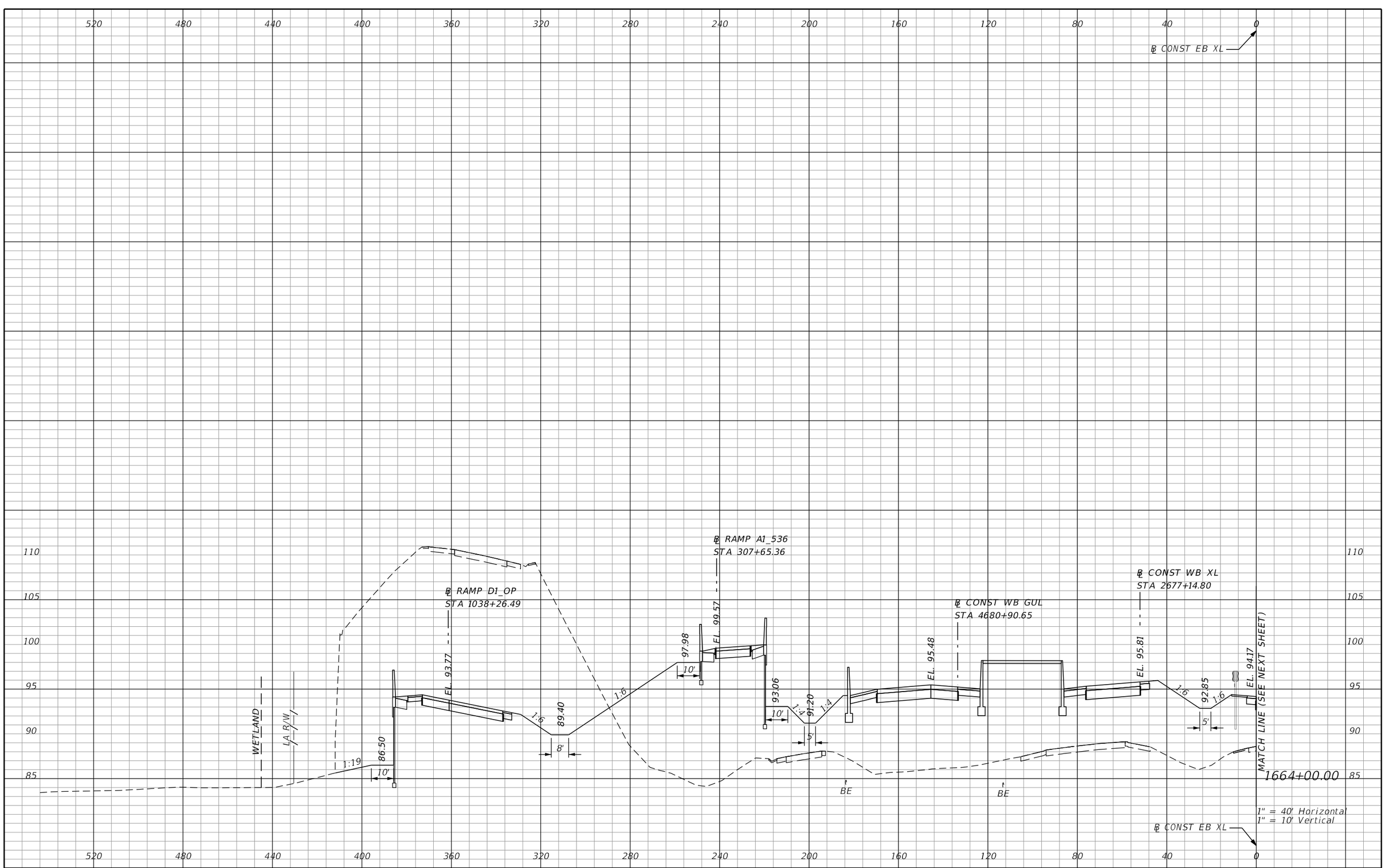
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 531

PRELIMINARY: NOT FOR CONSTRUCTION



PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 532

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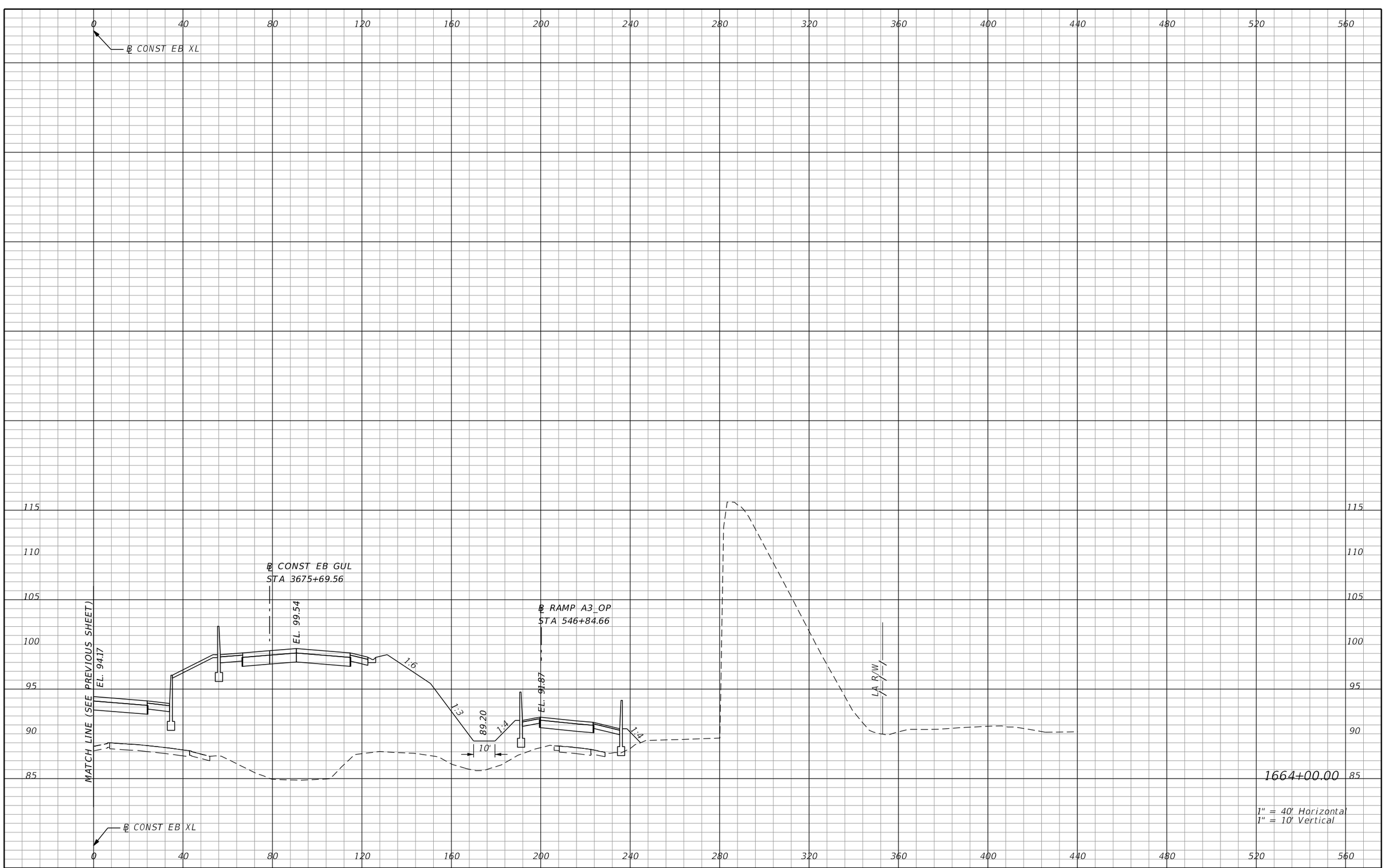

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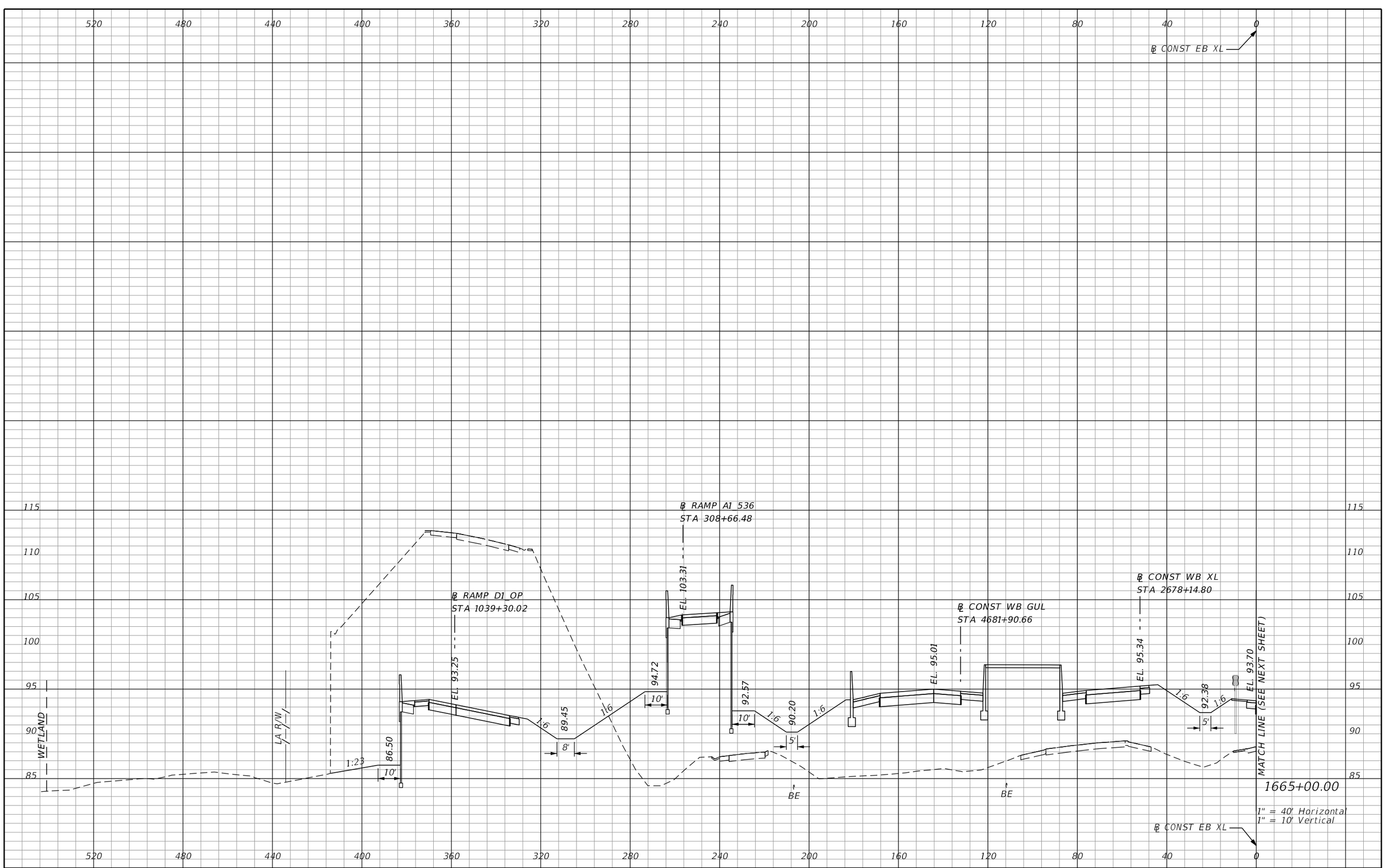
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 533

PRELIMINARY: NOT FOR CONSTRUCTION



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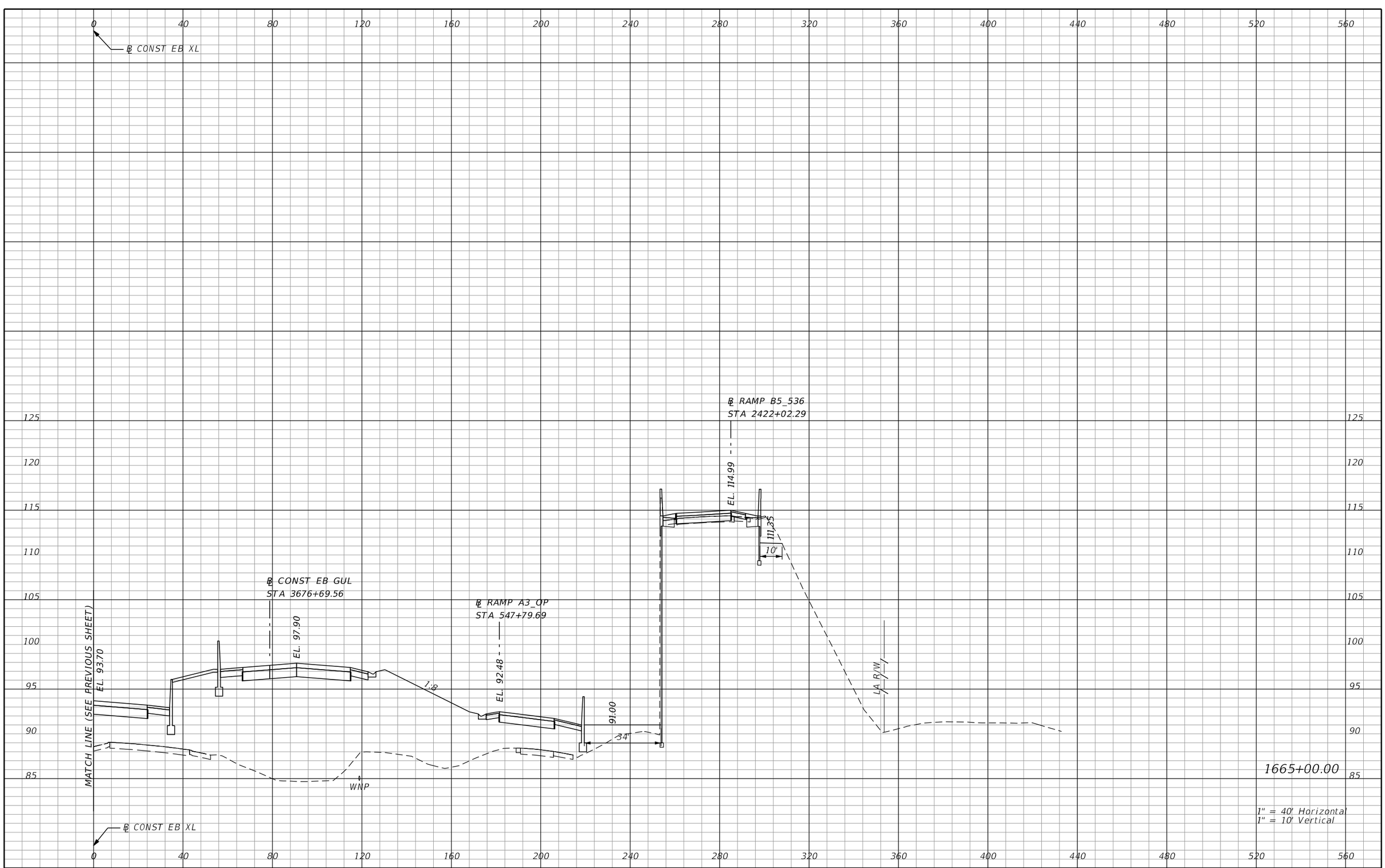
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 534

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 535

PRELIMINARY: NOT FOR CONSTRUCTION

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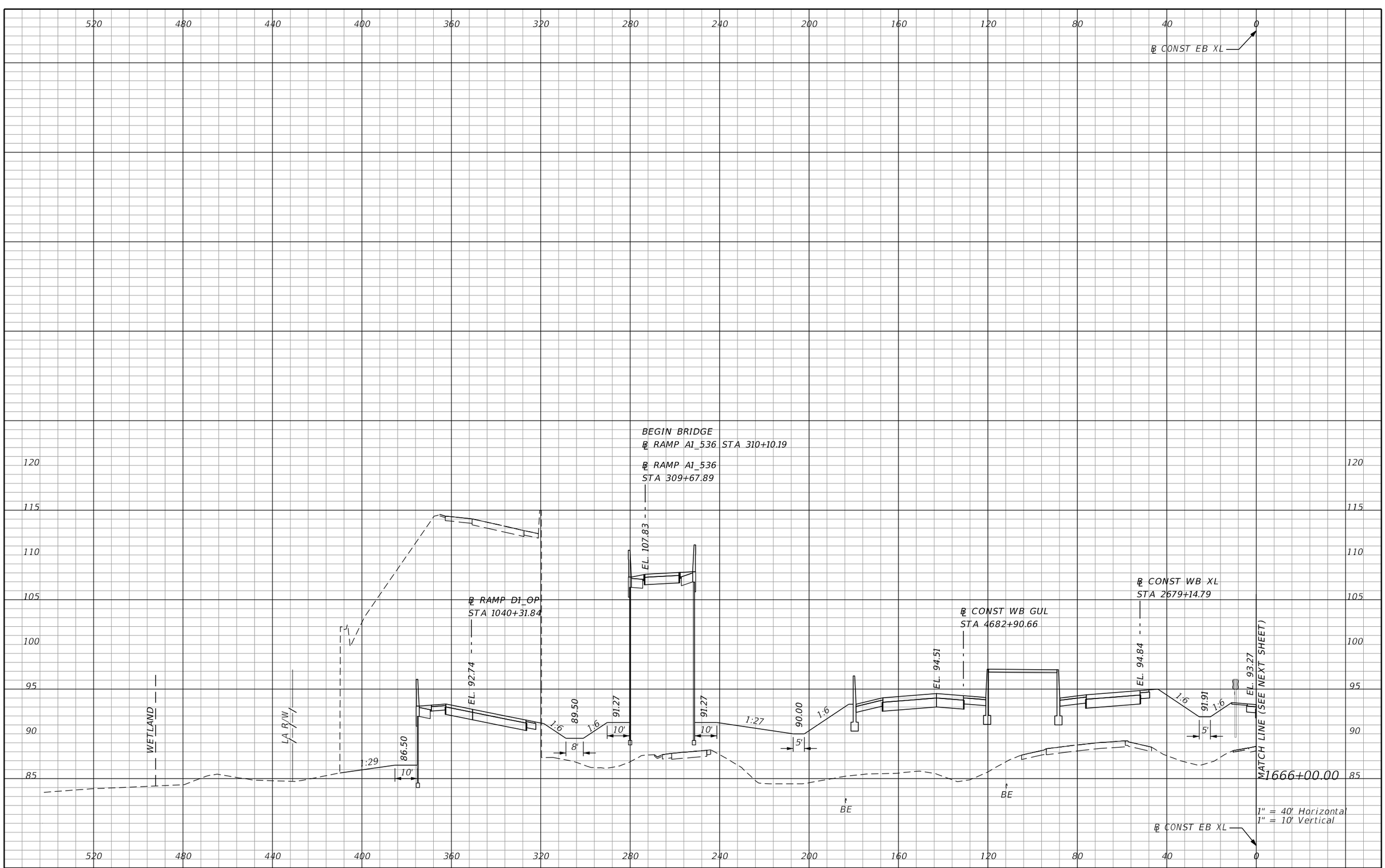

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 536

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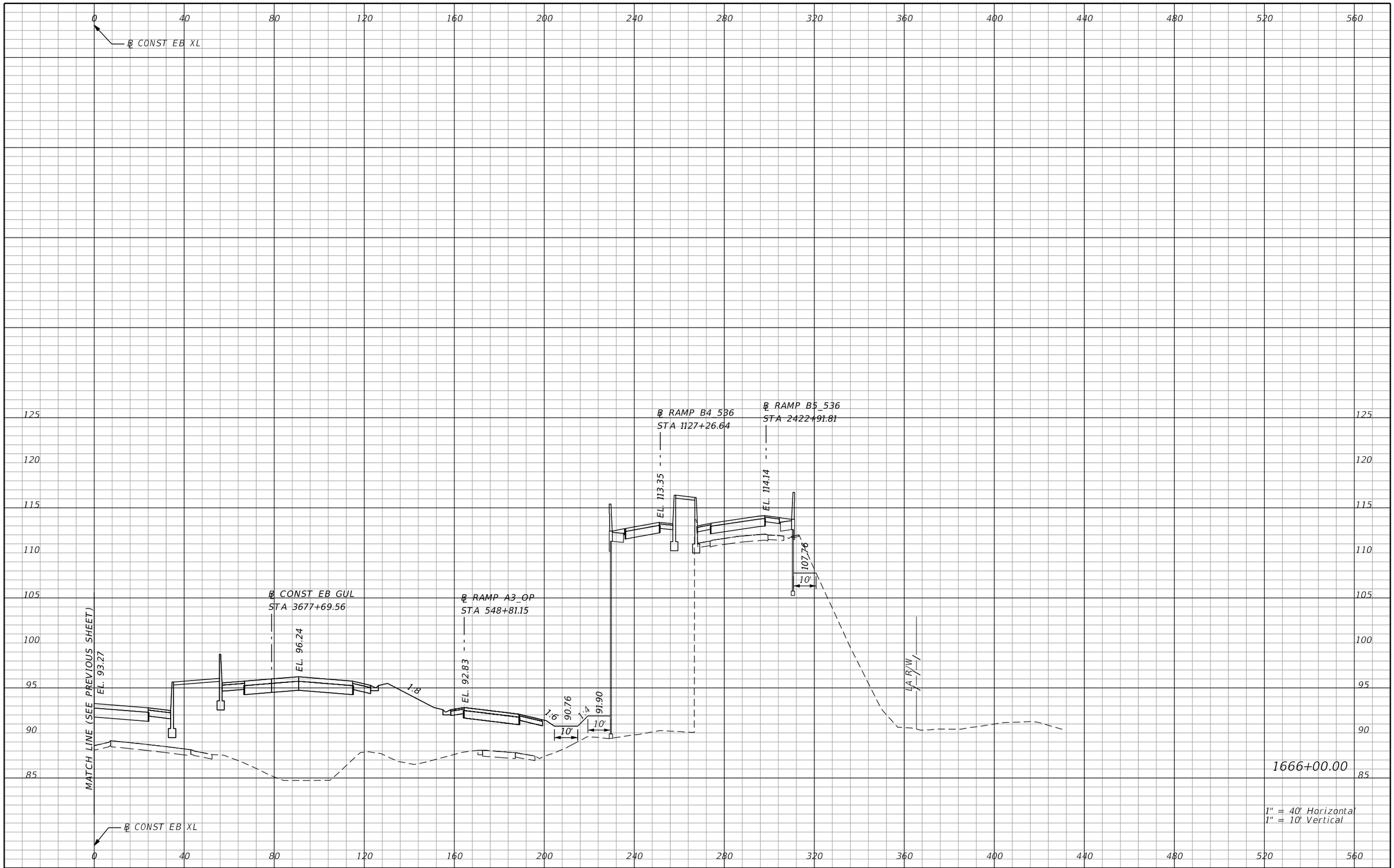

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 537

PRELIMINARY: NOT FOR CONSTRUCTION

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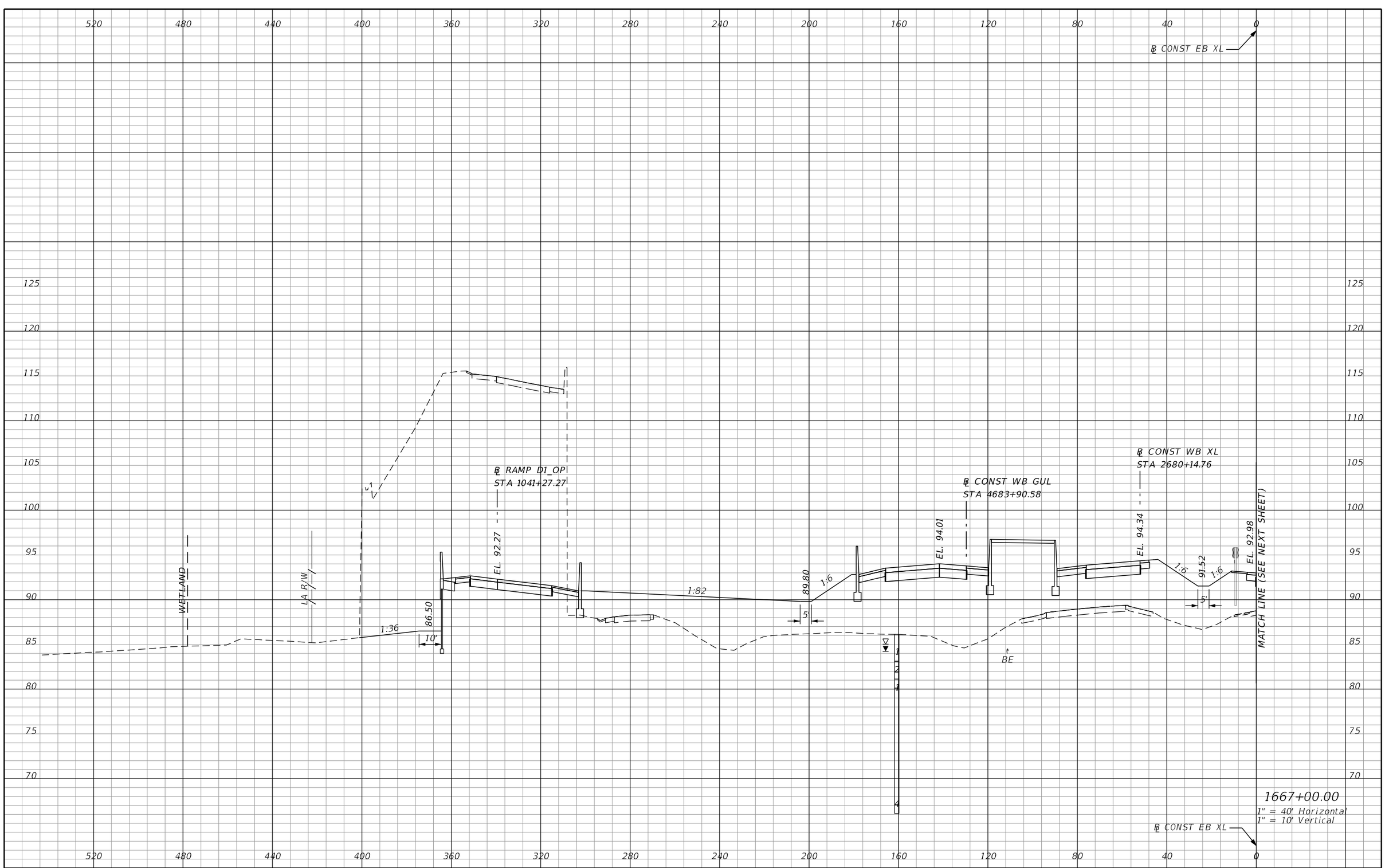

PRELIMINARY: NOT FOR CONSTRUCTION

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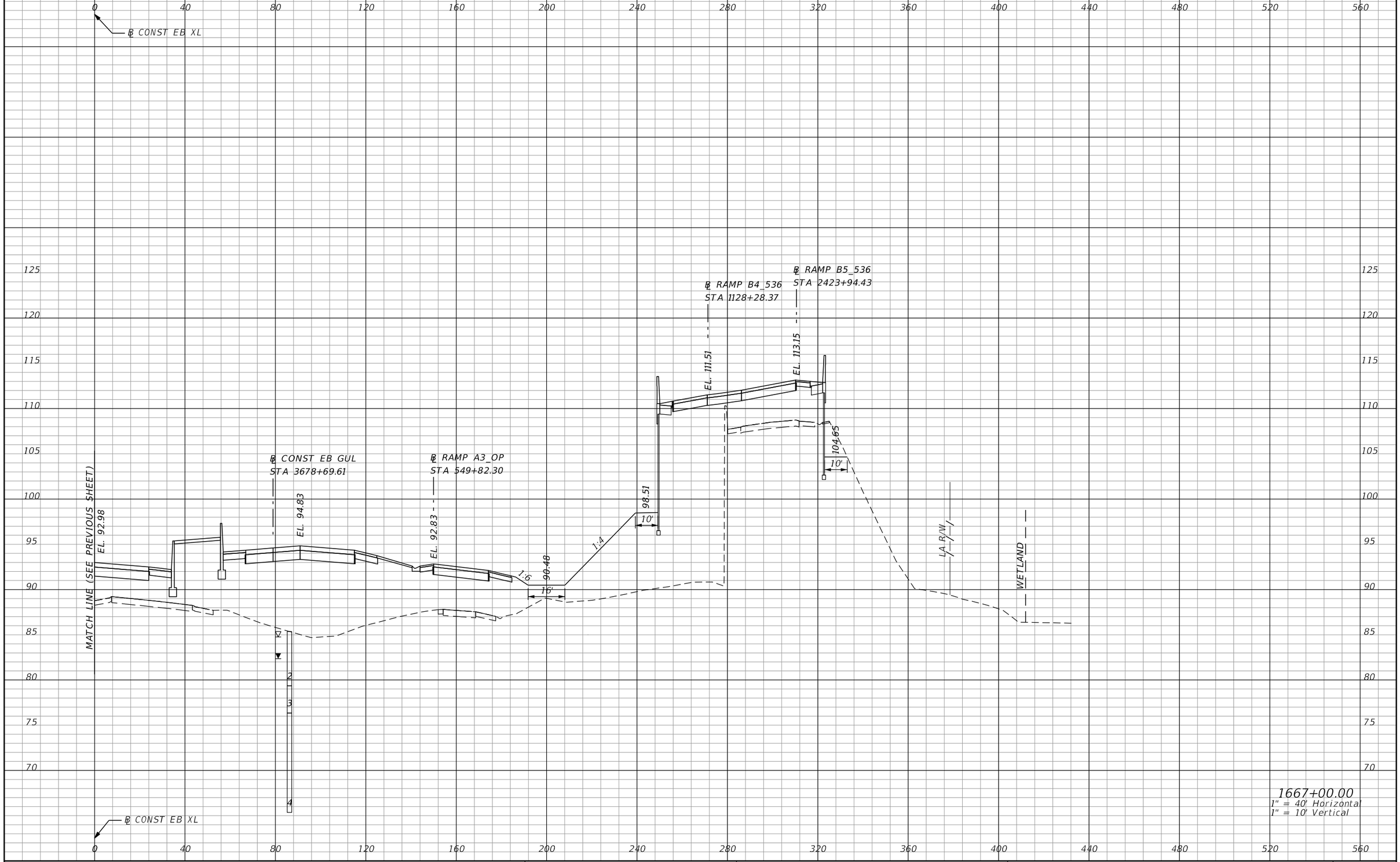
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 538



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 539

PRELIMINARY: NOT FOR CONSTRUCTION

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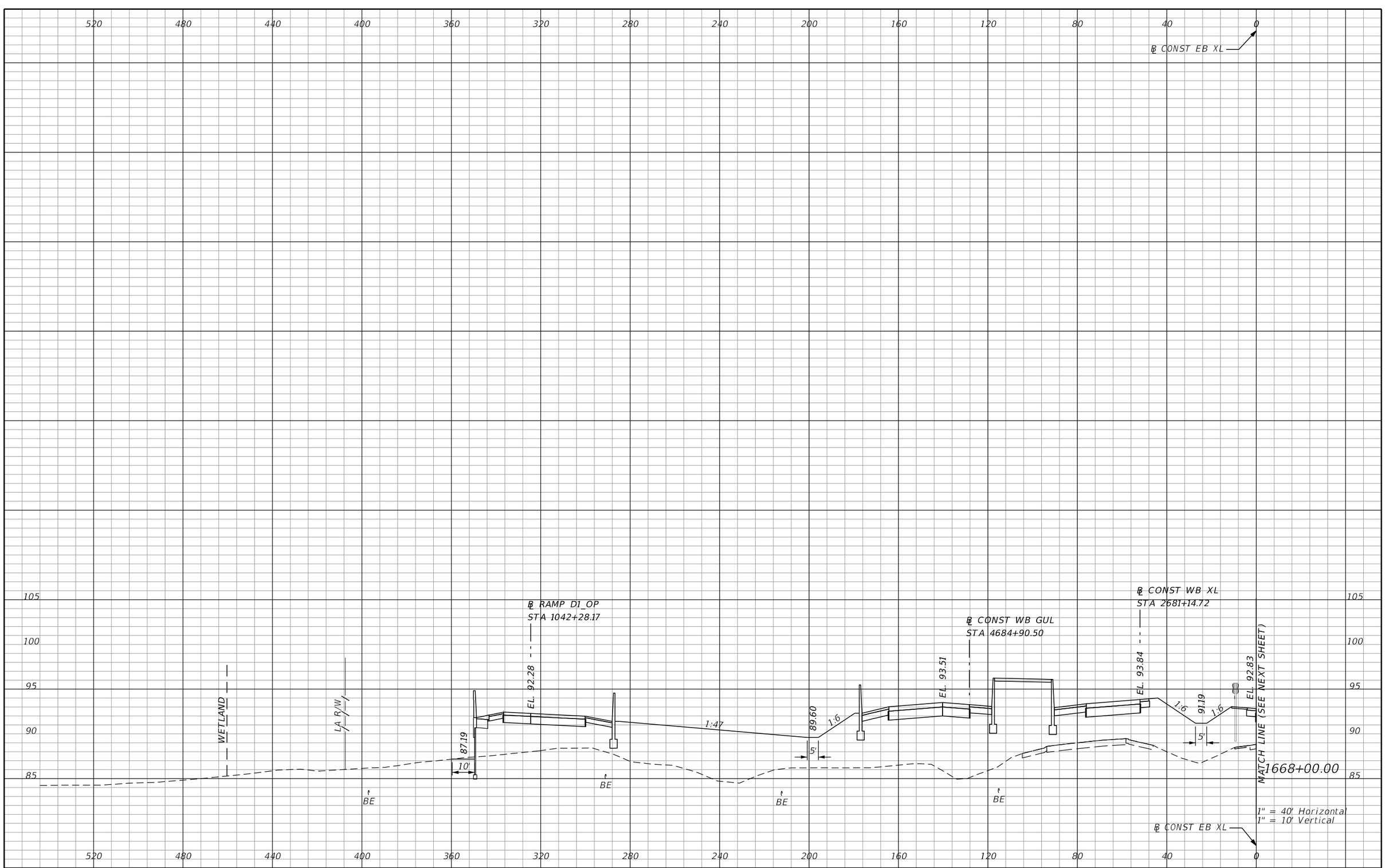

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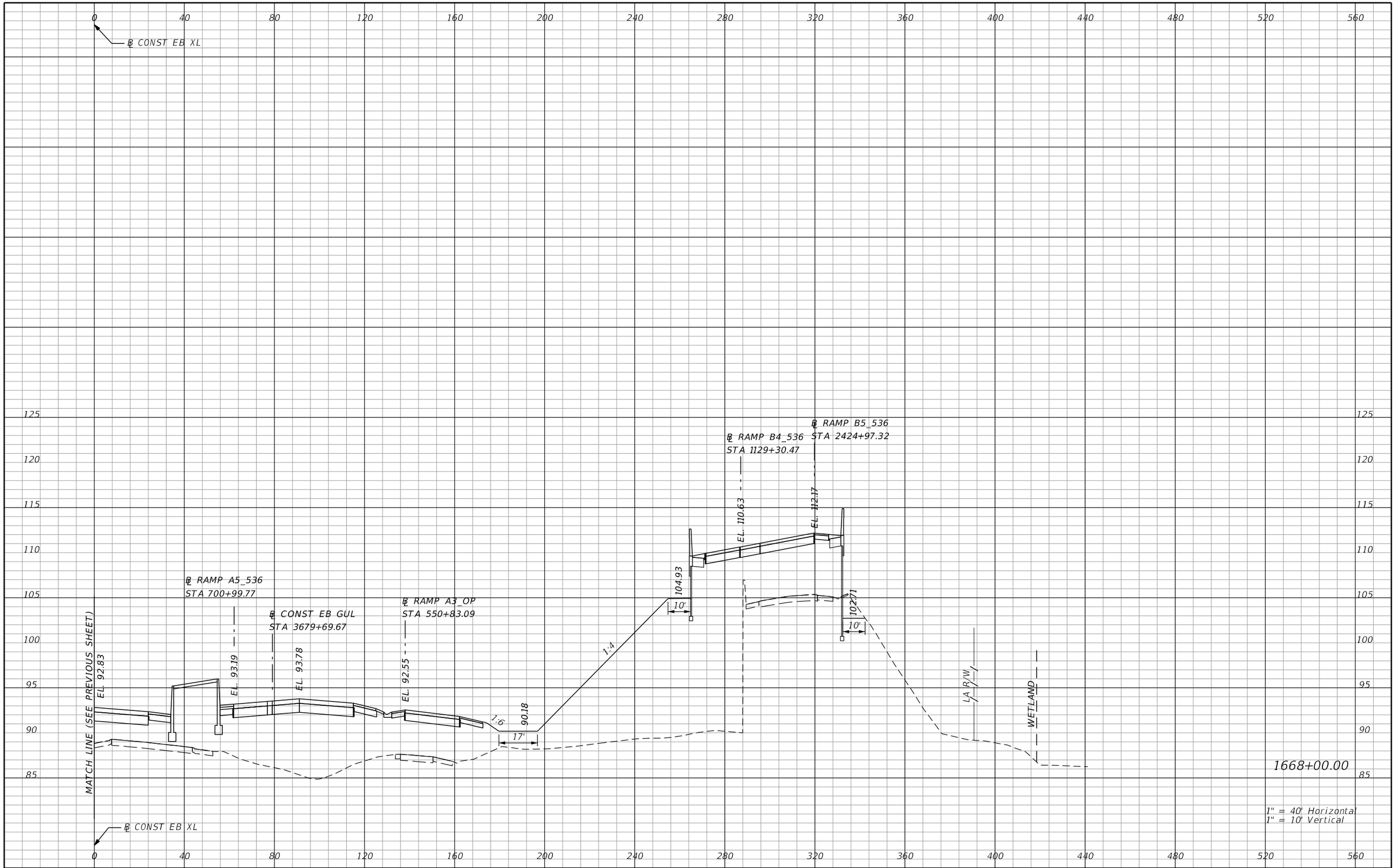
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 540

PRELIMINARY: NOT FOR CONSTRUCTION



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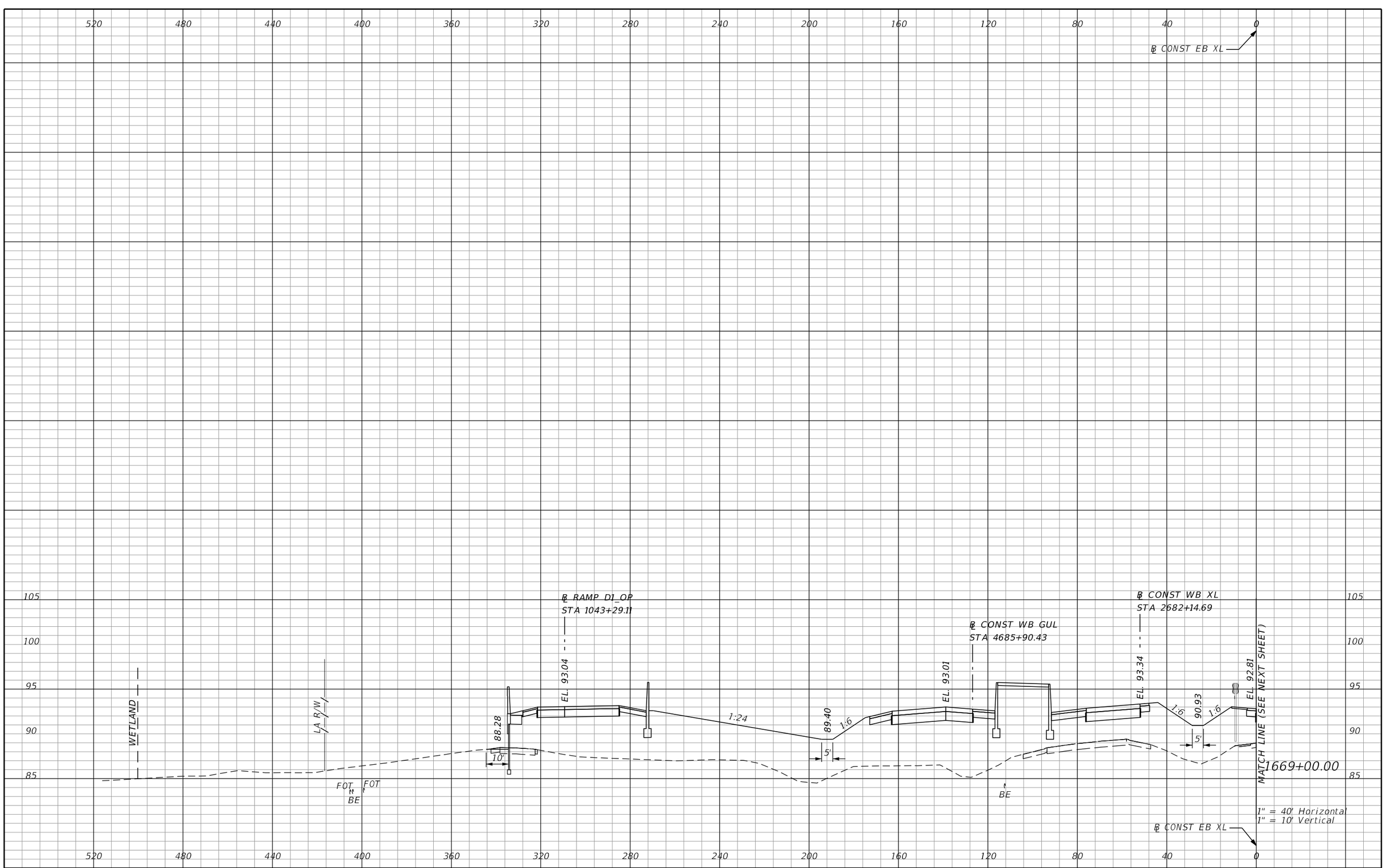
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 541

PRELIMINARY: NOT FOR CONSTRUCTION



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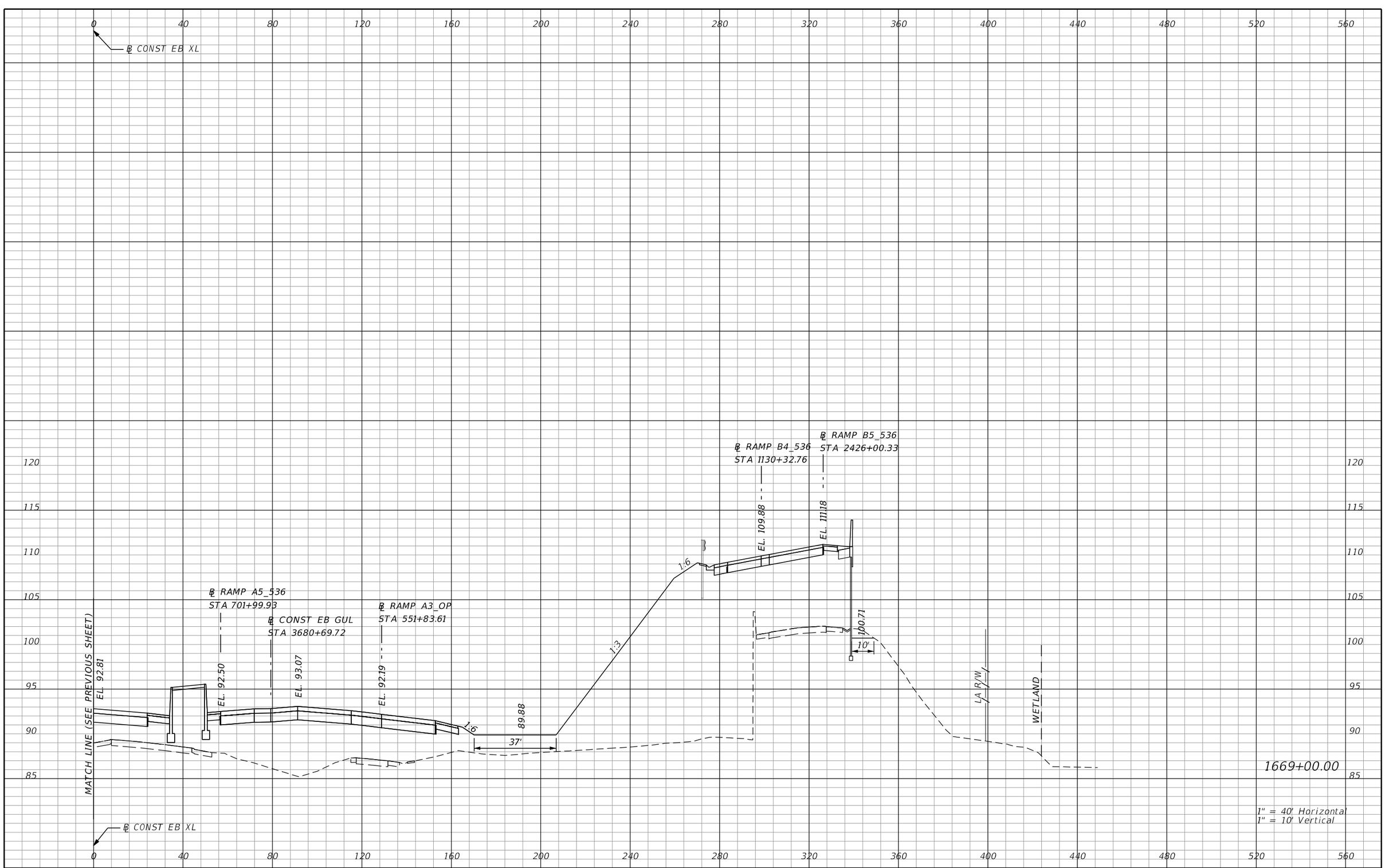
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 542

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 543

PRELIMINARY: NOT FOR CONSTRUCTION

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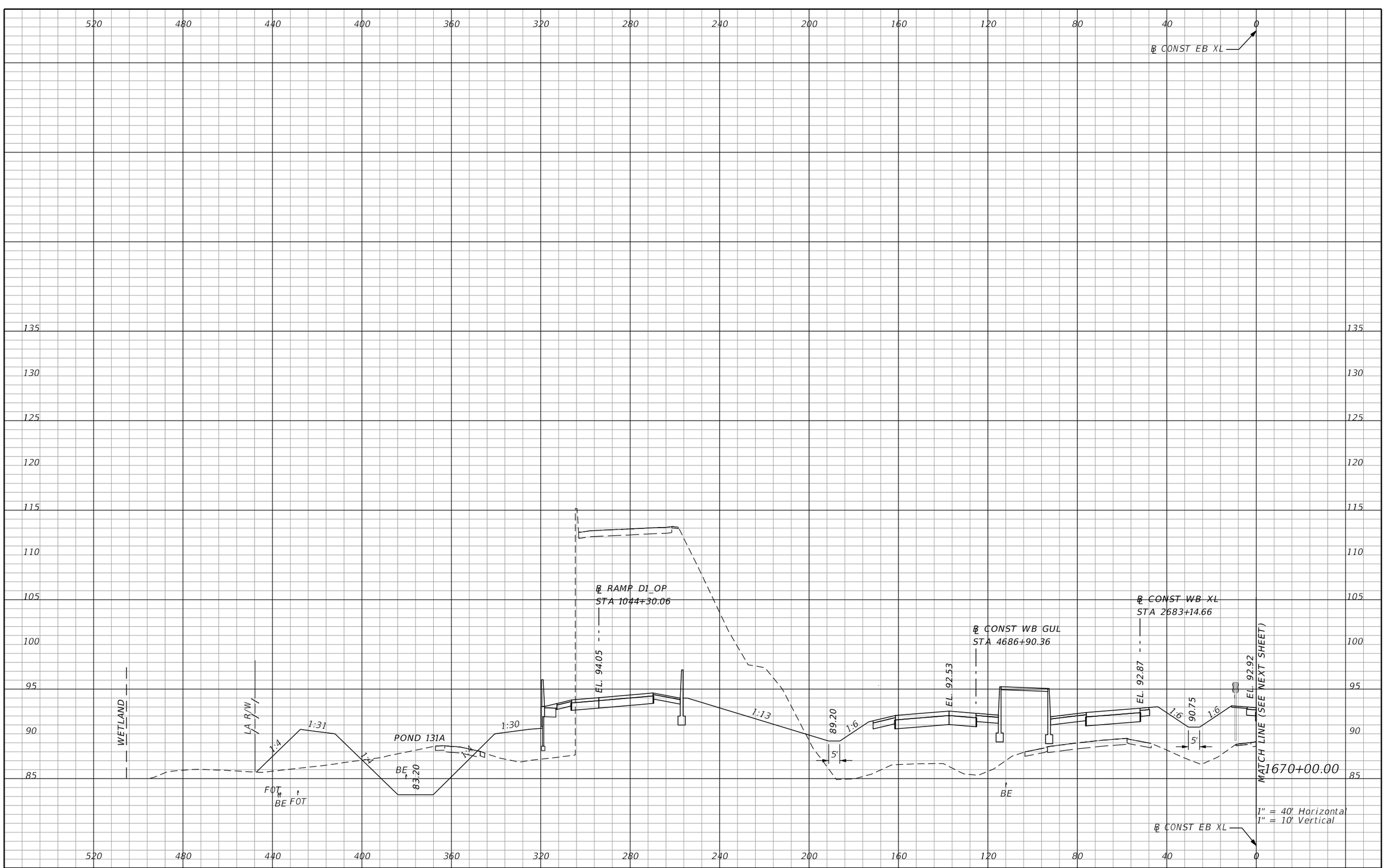

REVISIONS			
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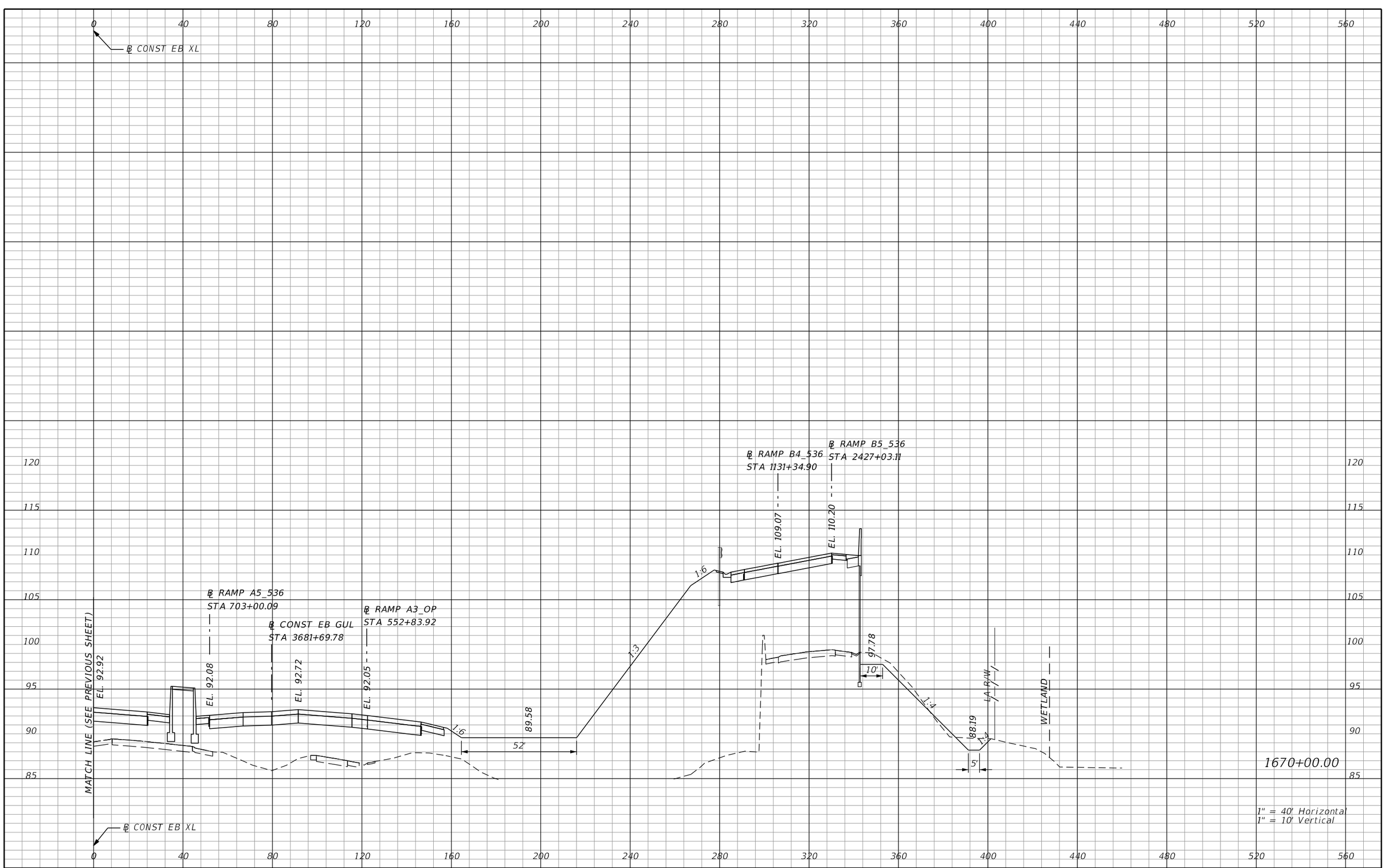
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 544

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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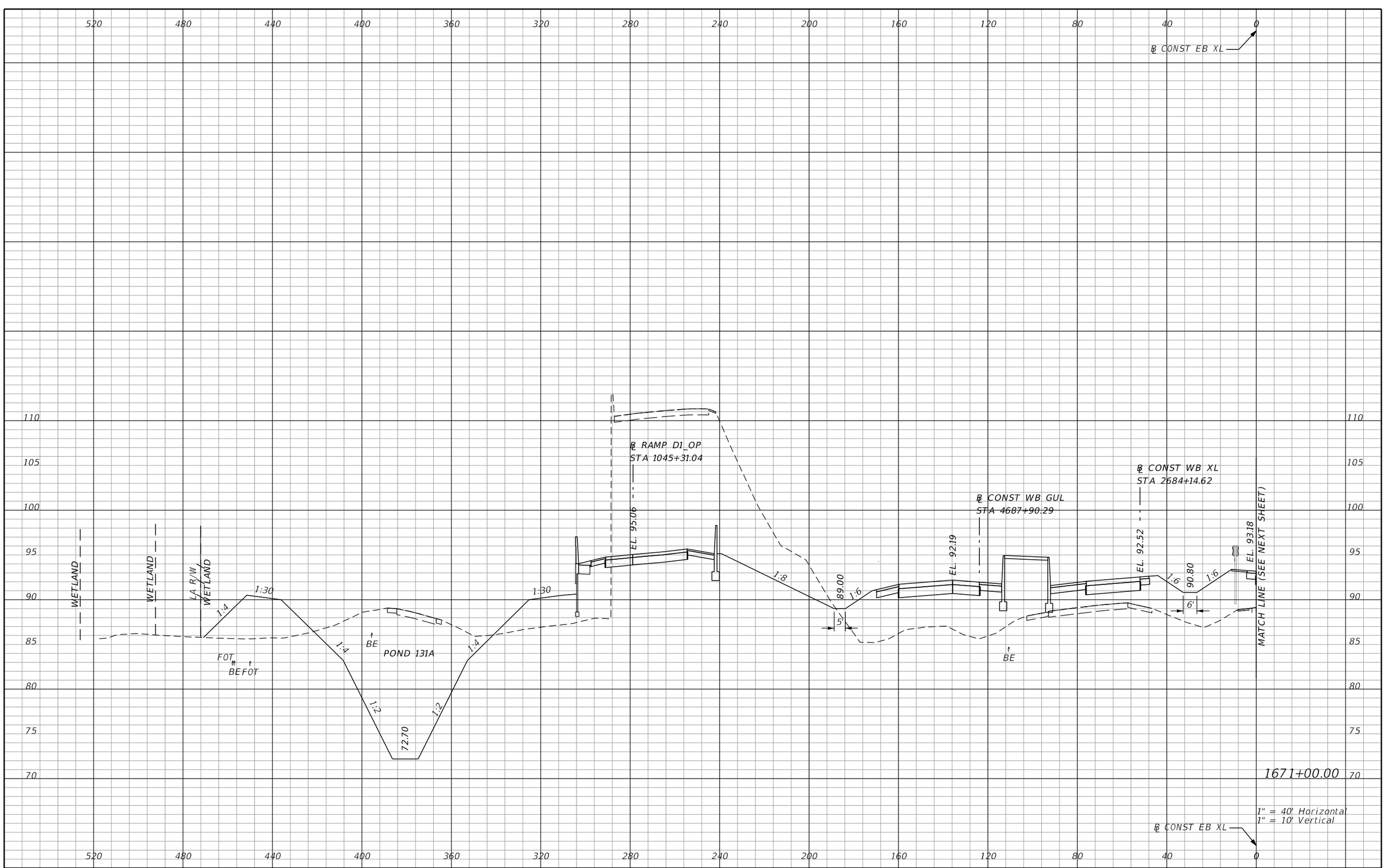
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 545

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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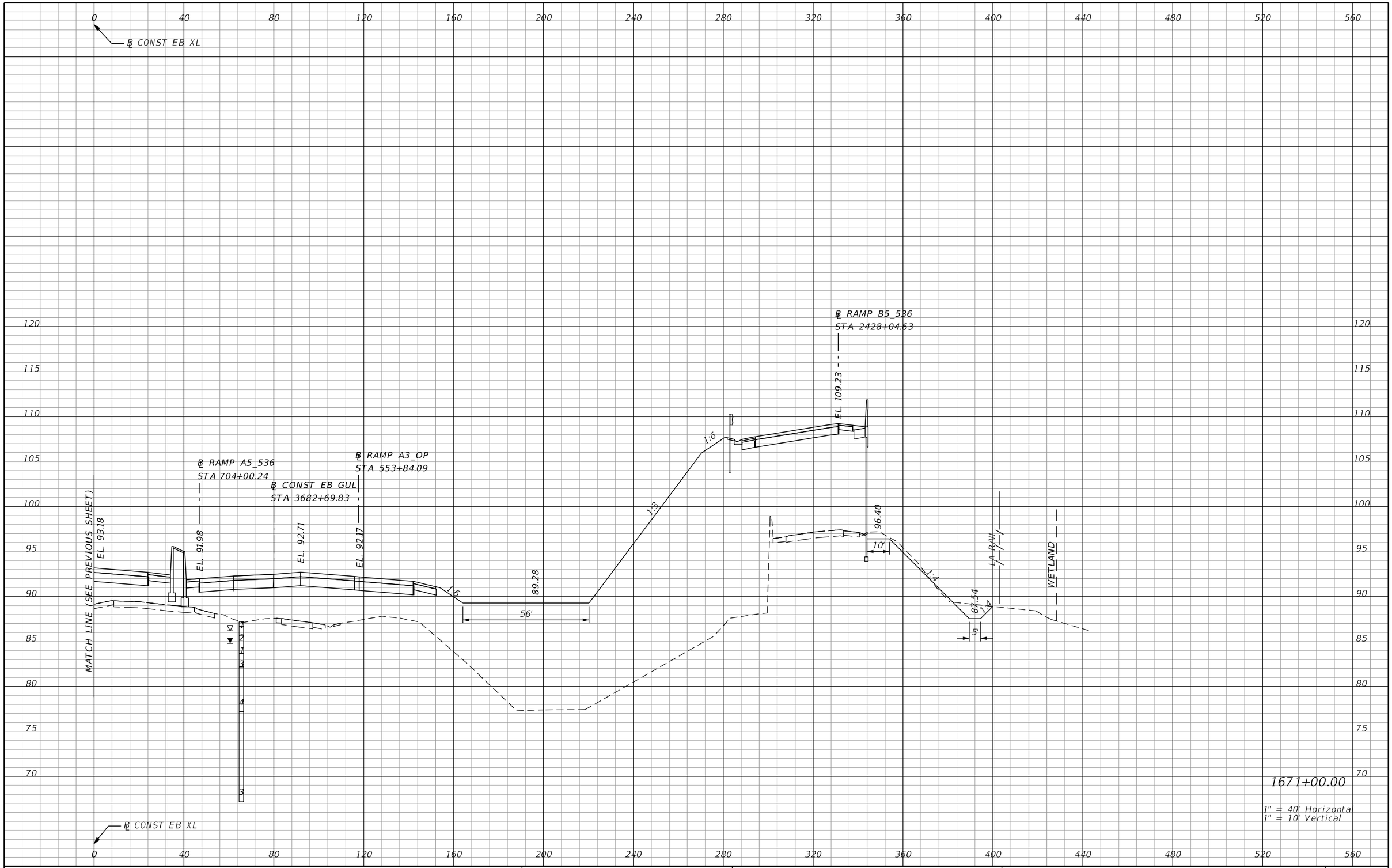
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 546

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 547

PRELIMINARY: NOT FOR CONSTRUCTION

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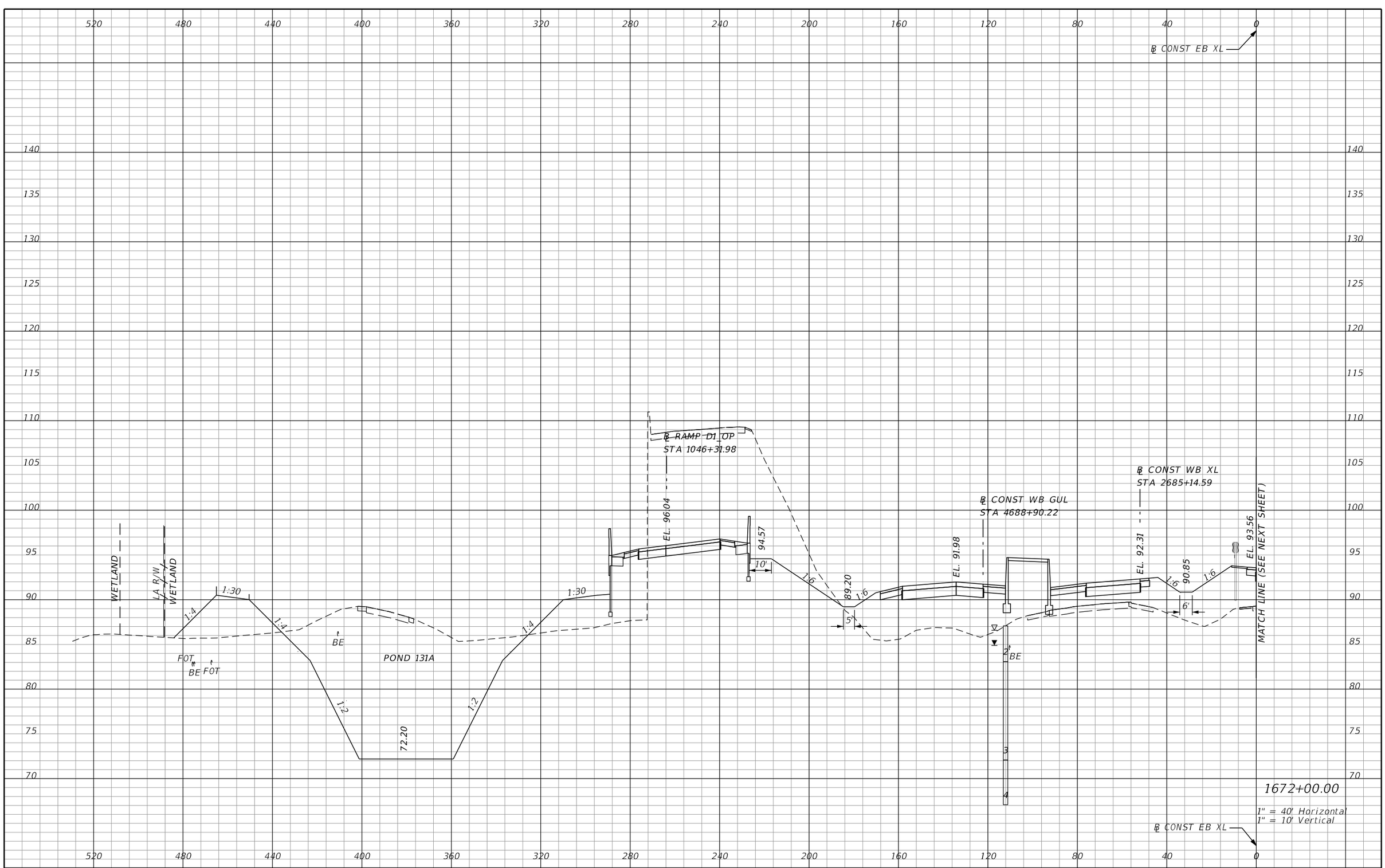

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 548

PRELIMINARY: NOT FOR CONSTRUCTION

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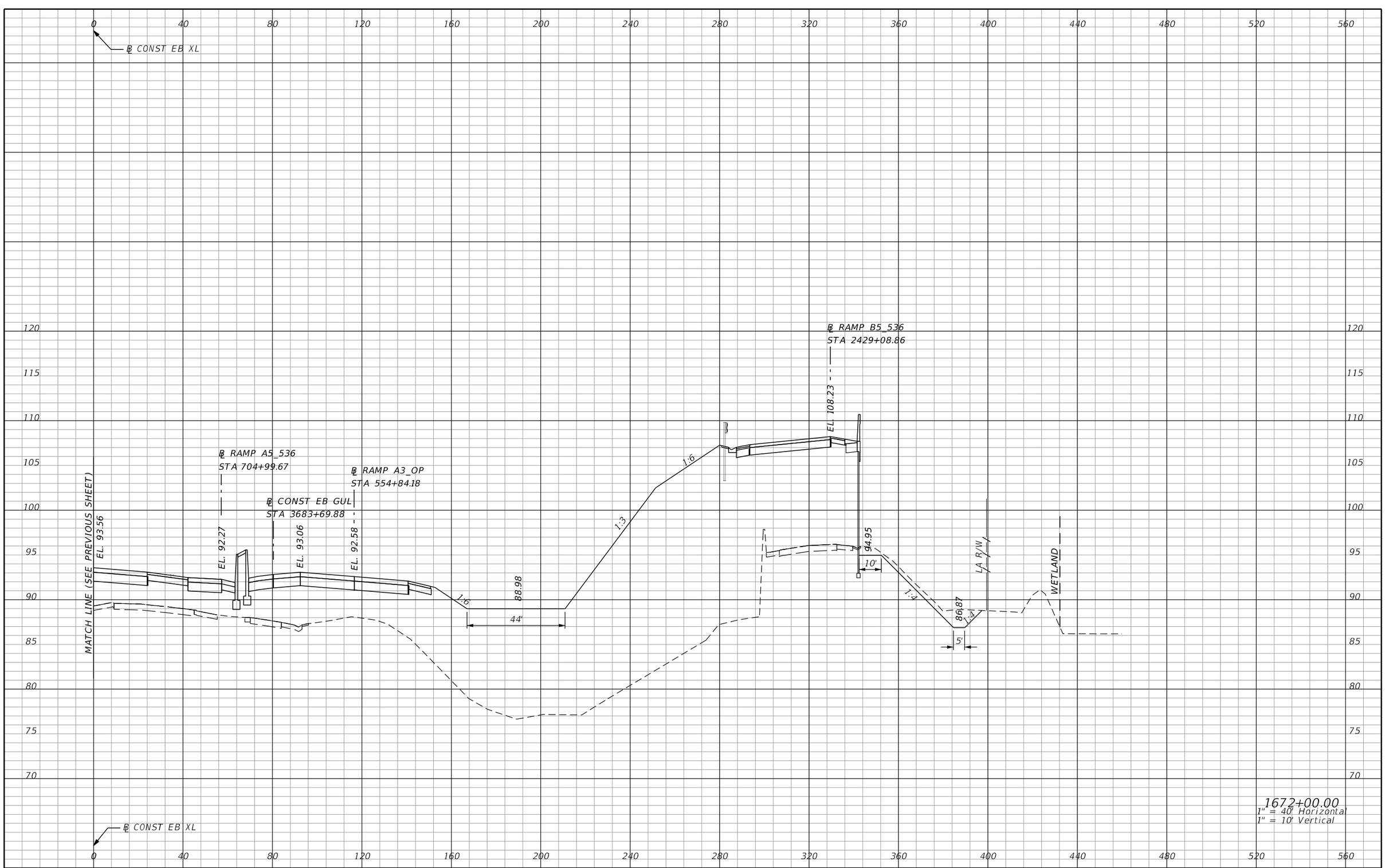

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1" = 40' Horizontal
1" = 10' Vertical

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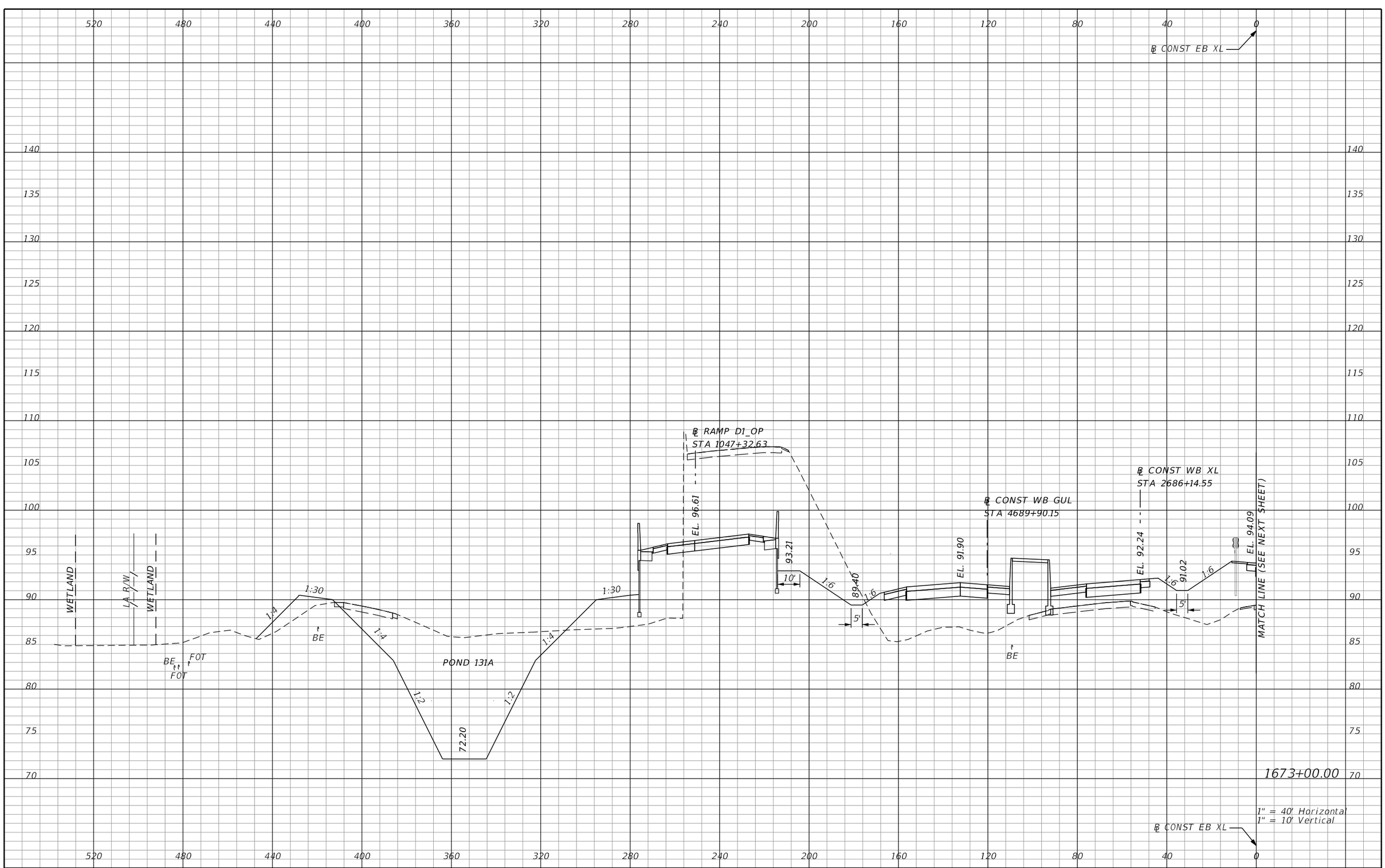
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 549



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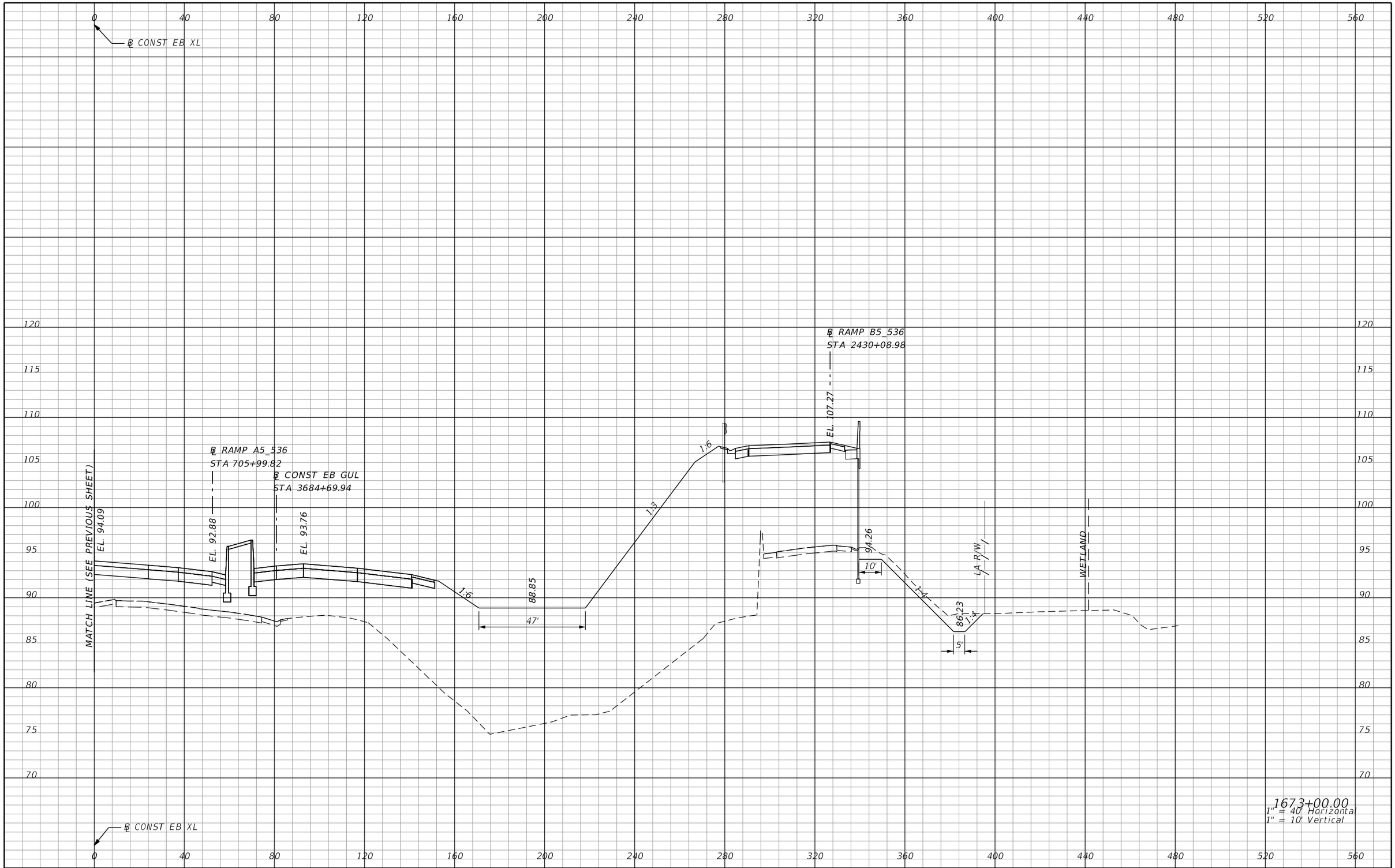
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 550

PRELIMINARY: NOT FOR CONSTRUCTION



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1" = 10' Vertical

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
551

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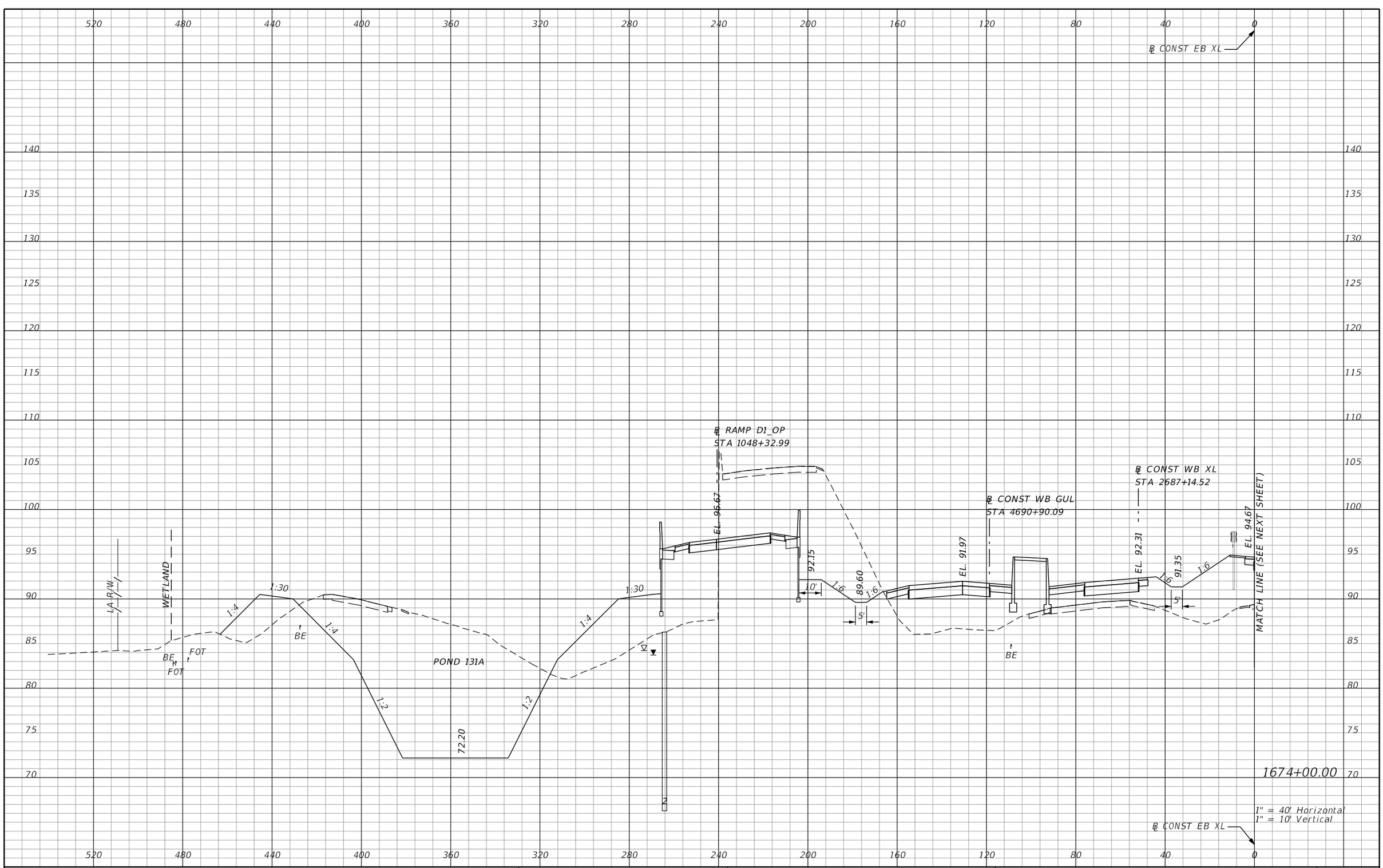

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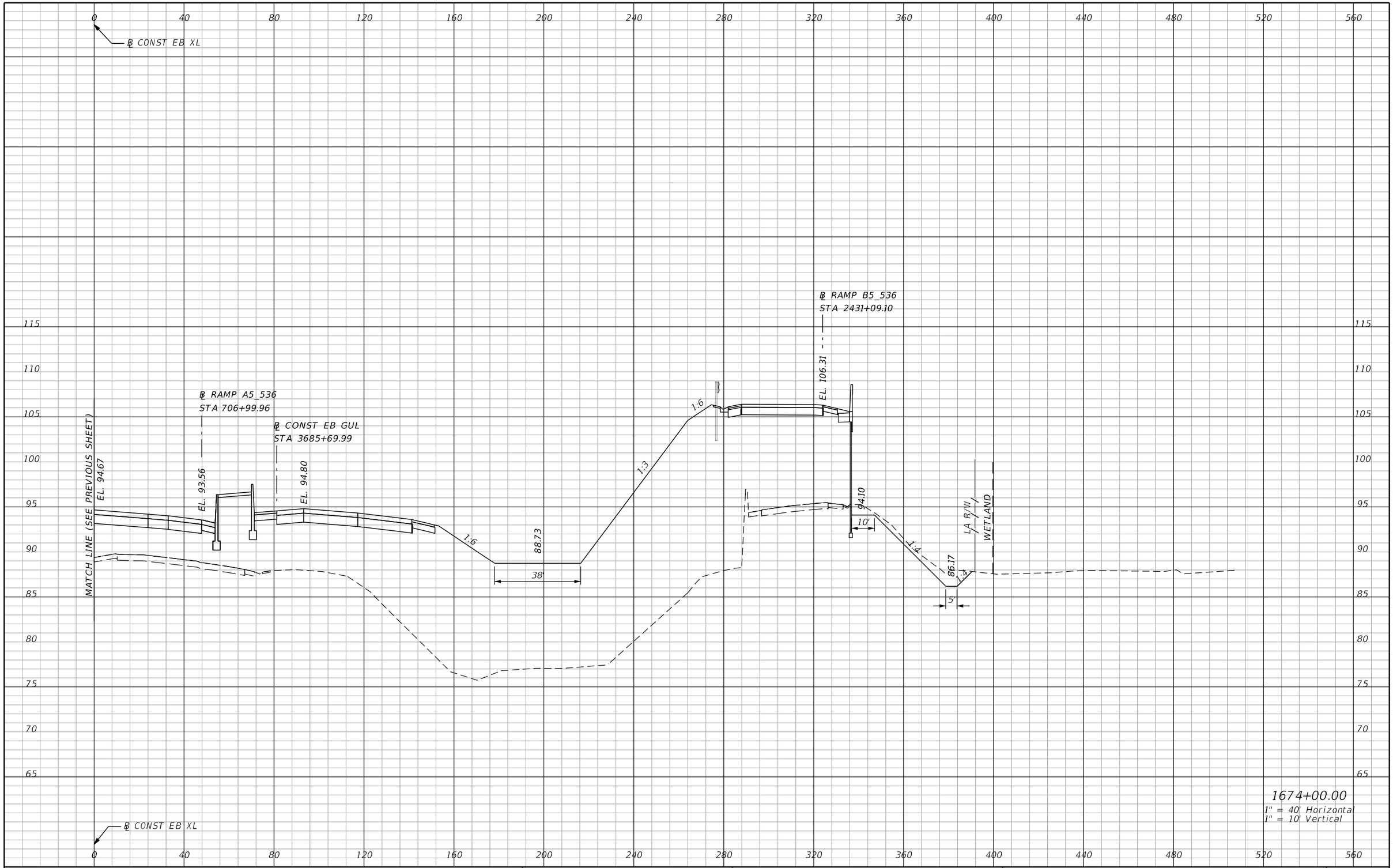
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
552

PRELIMINARY: NOT FOR CONSTRUCTION



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1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 553

PRELIMINARY: NOT FOR CONSTRUCTION

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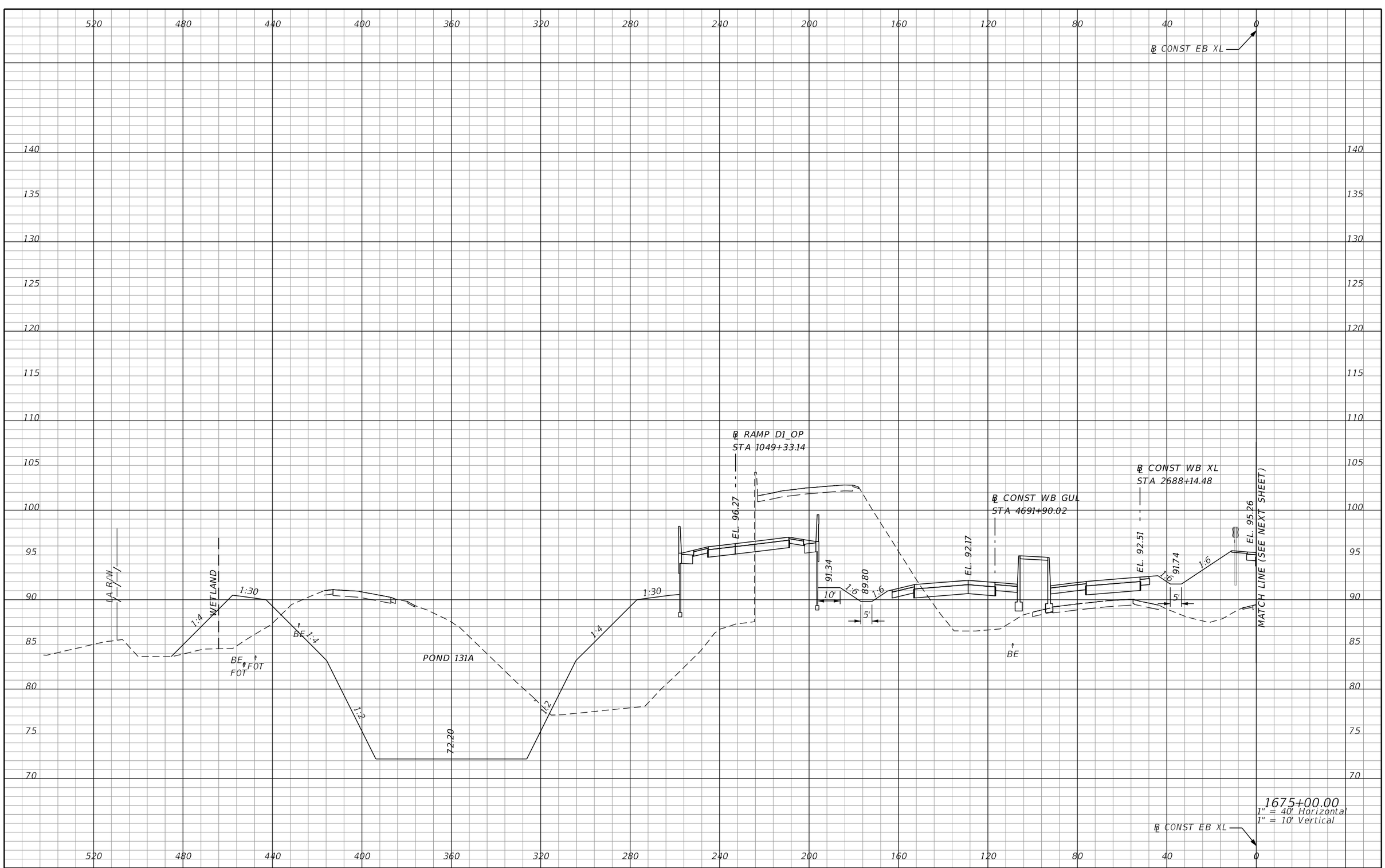

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 554

PRELIMINARY: NOT FOR CONSTRUCTION

℄ CONST EB XL

℄ RAMP B5_536
STA 2432+09.22
EL. 105.35

℄ RAMP A5_536
STA 708+00.10
EL. 94.23

℄ CONST EB GUL
STA 3686+70.05
EL. 93.94

MATCH LINE (SEE PREVIOUS SHEET)
EL. 95.26

1:6
1:3
1:6
1:4
1:4

88.60
28'
95.48
10'
96.11
5'

LA R/W
WETLAND

1675+00.00
1" = 40' Horizontal
1" = 10' Vertical

℄ CONST EB XL

0 40 80 120 160 200 240 280 320 360 400 440 480 520 560

115 110 105 100 95 90 85 80

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 555

PRELIMINARY: NOT FOR CONSTRUCTION

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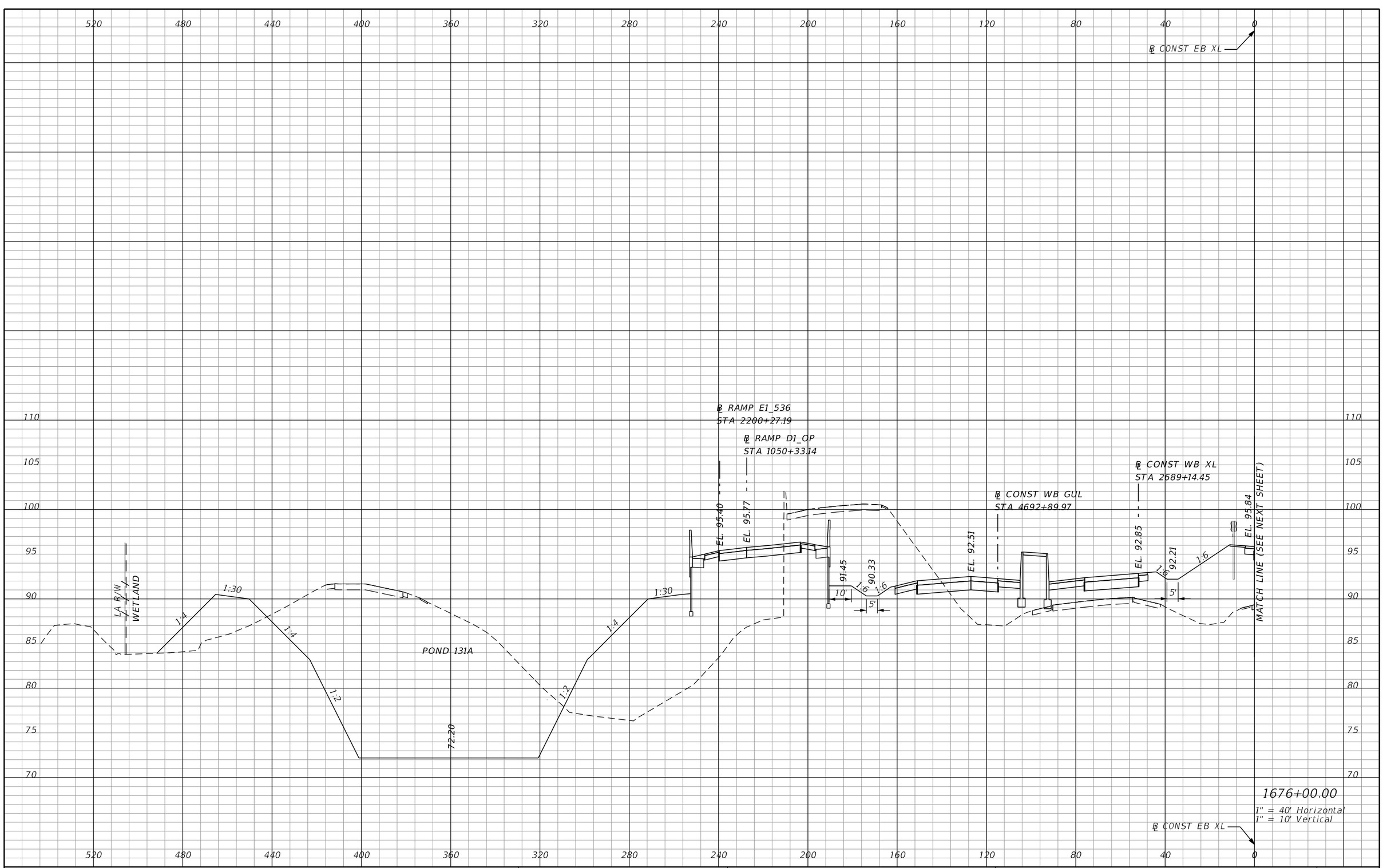

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
556

PRELIMINARY: NOT FOR CONSTRUCTION

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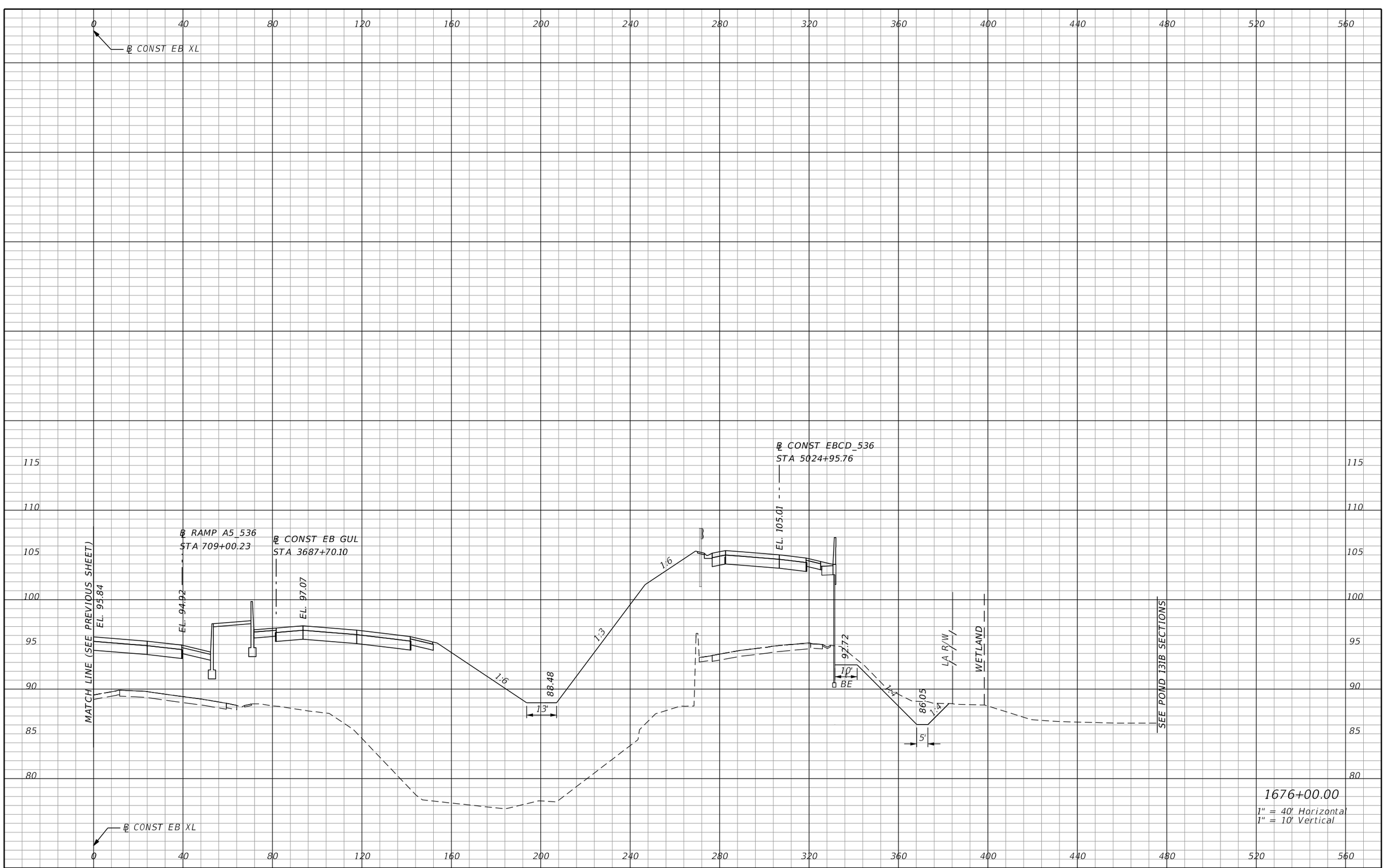

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 557

PRELIMINARY: NOT FOR CONSTRUCTION

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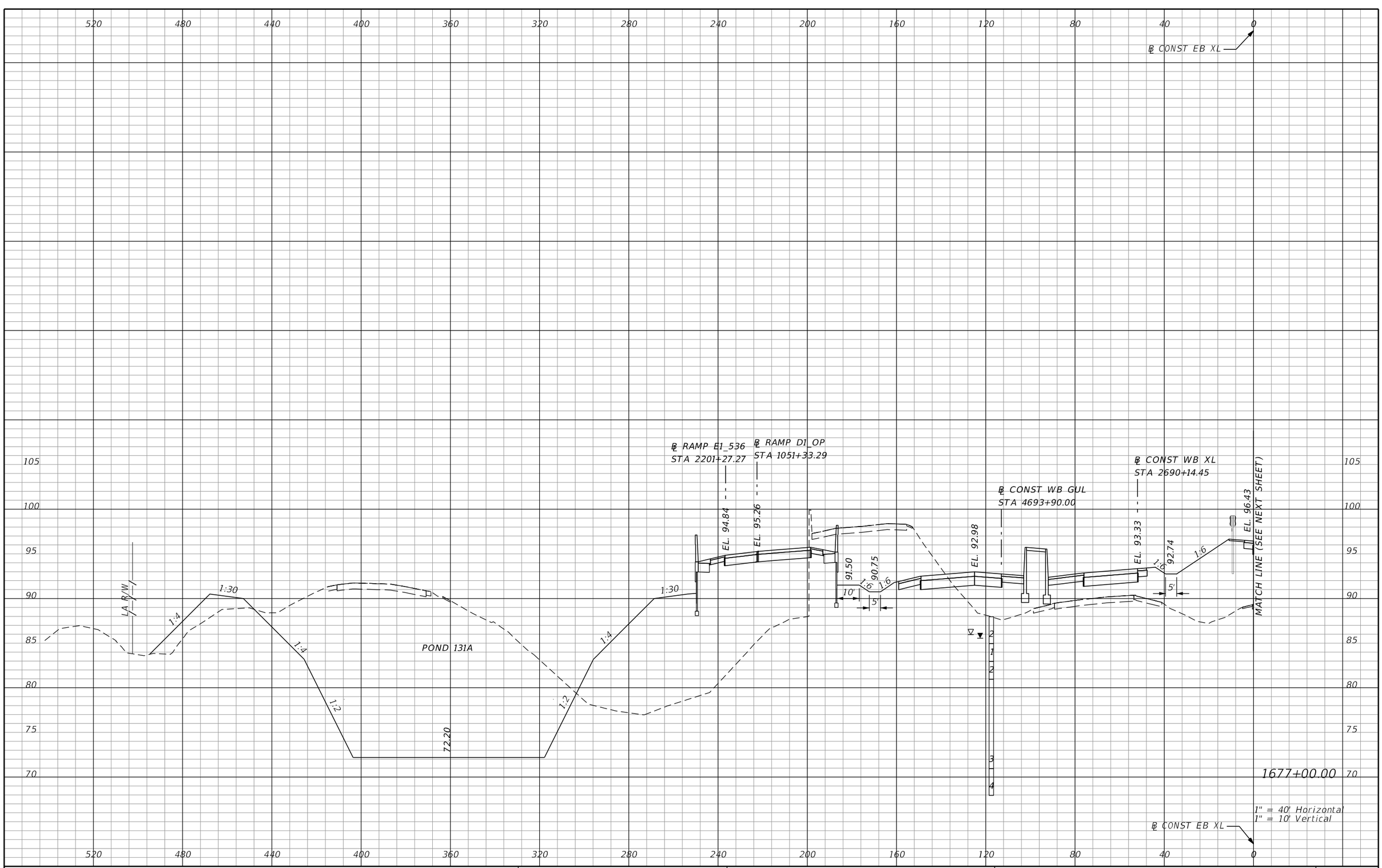

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 558

PRELIMINARY: NOT FOR CONSTRUCTION

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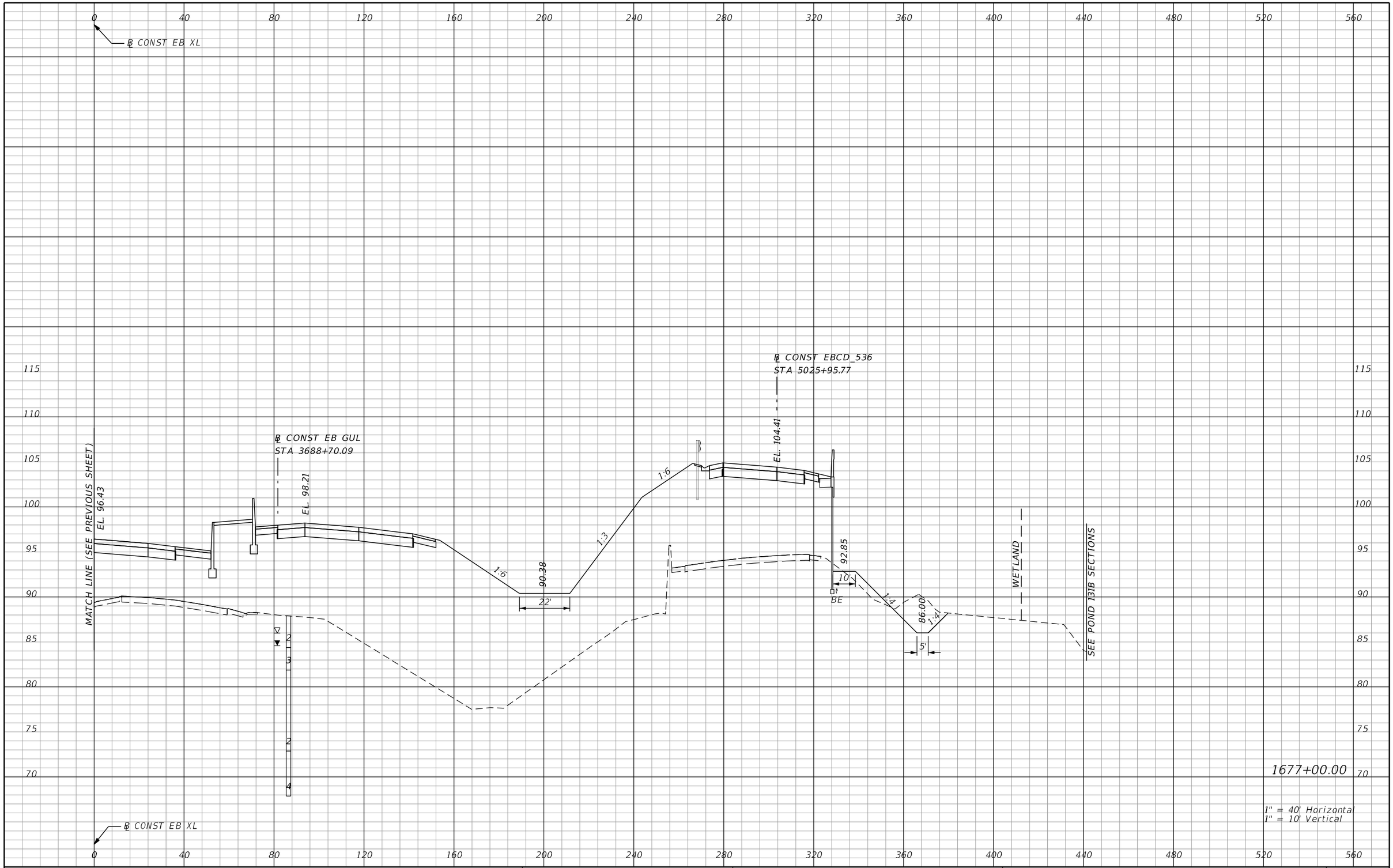

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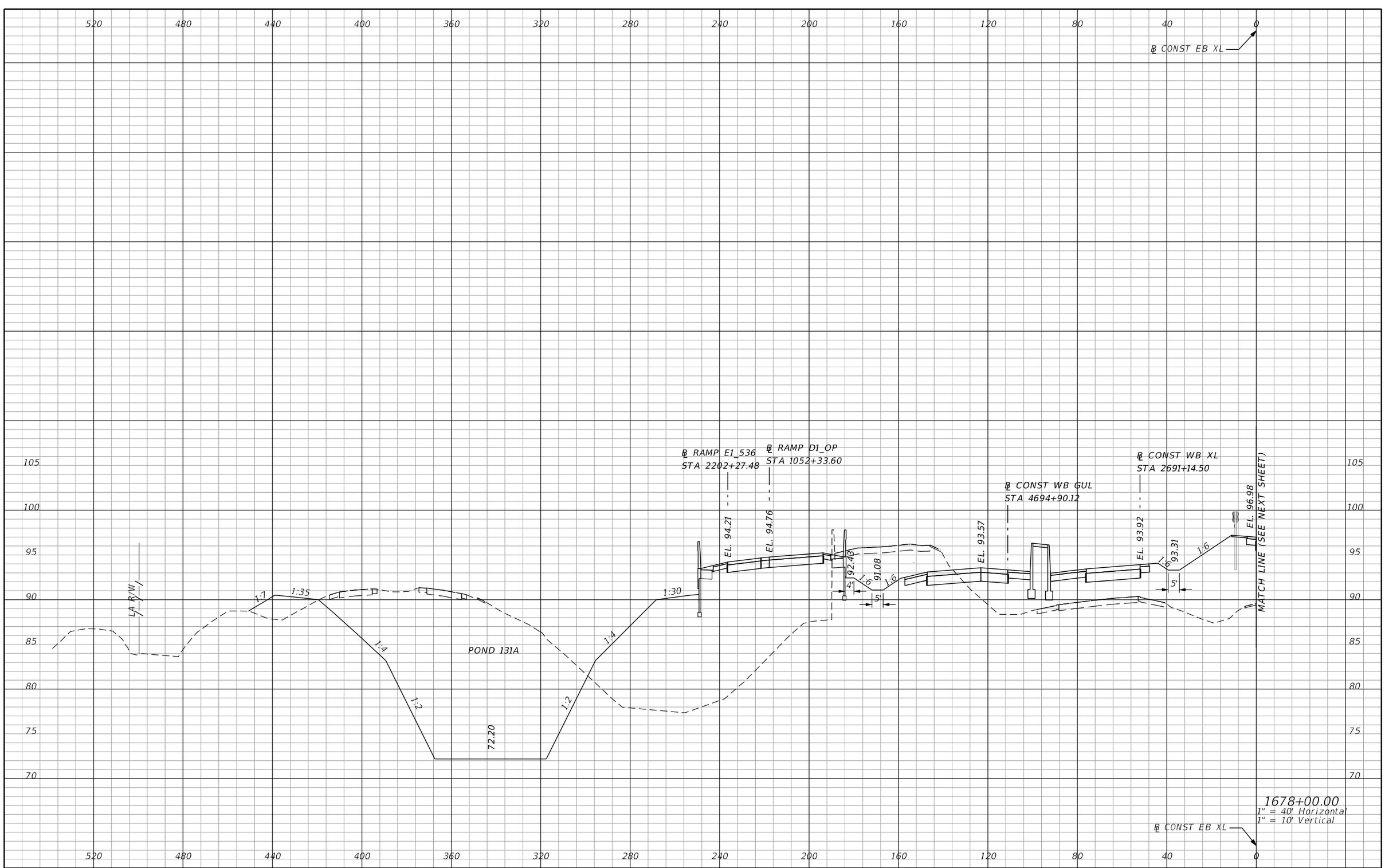
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 559

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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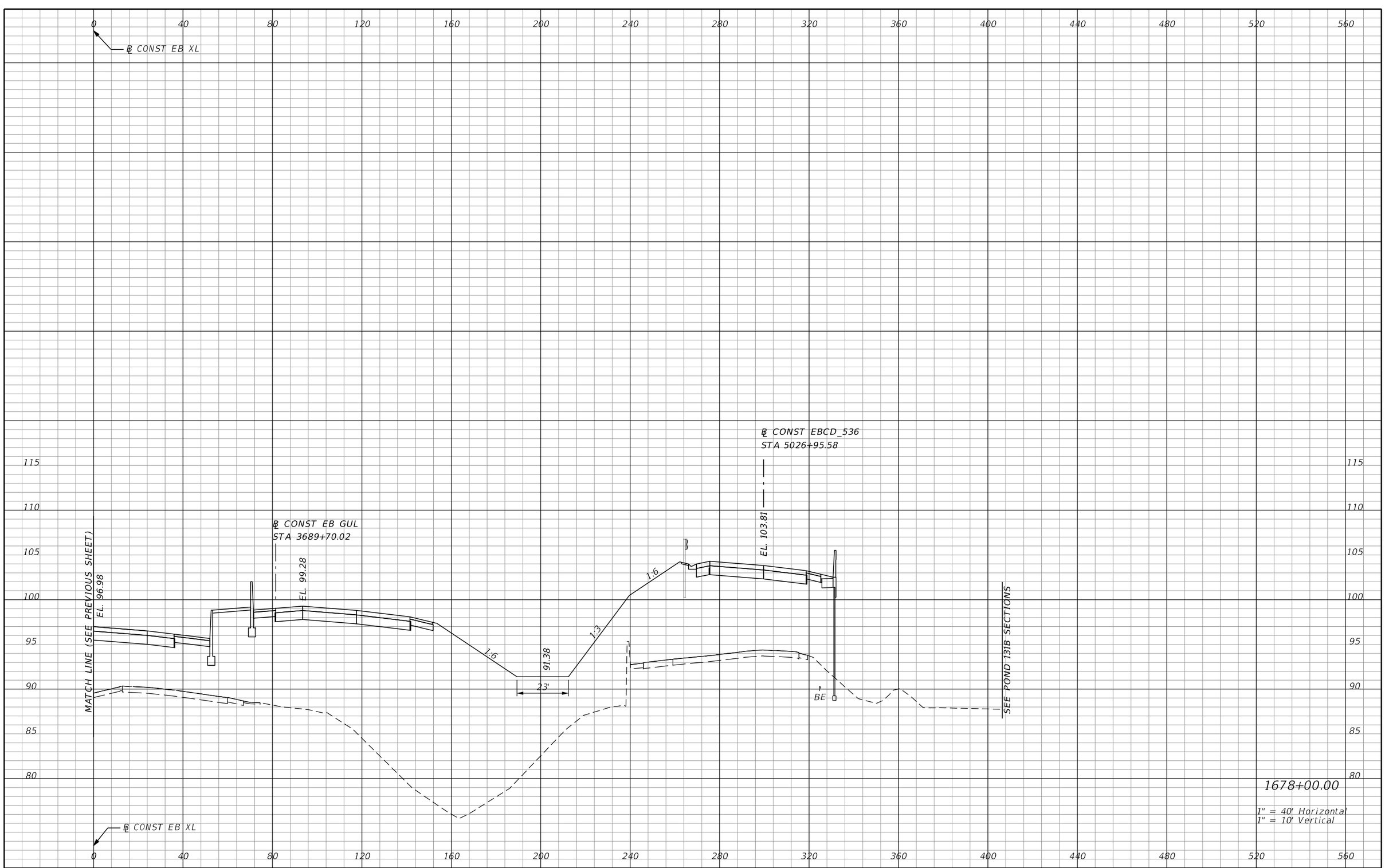
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 560

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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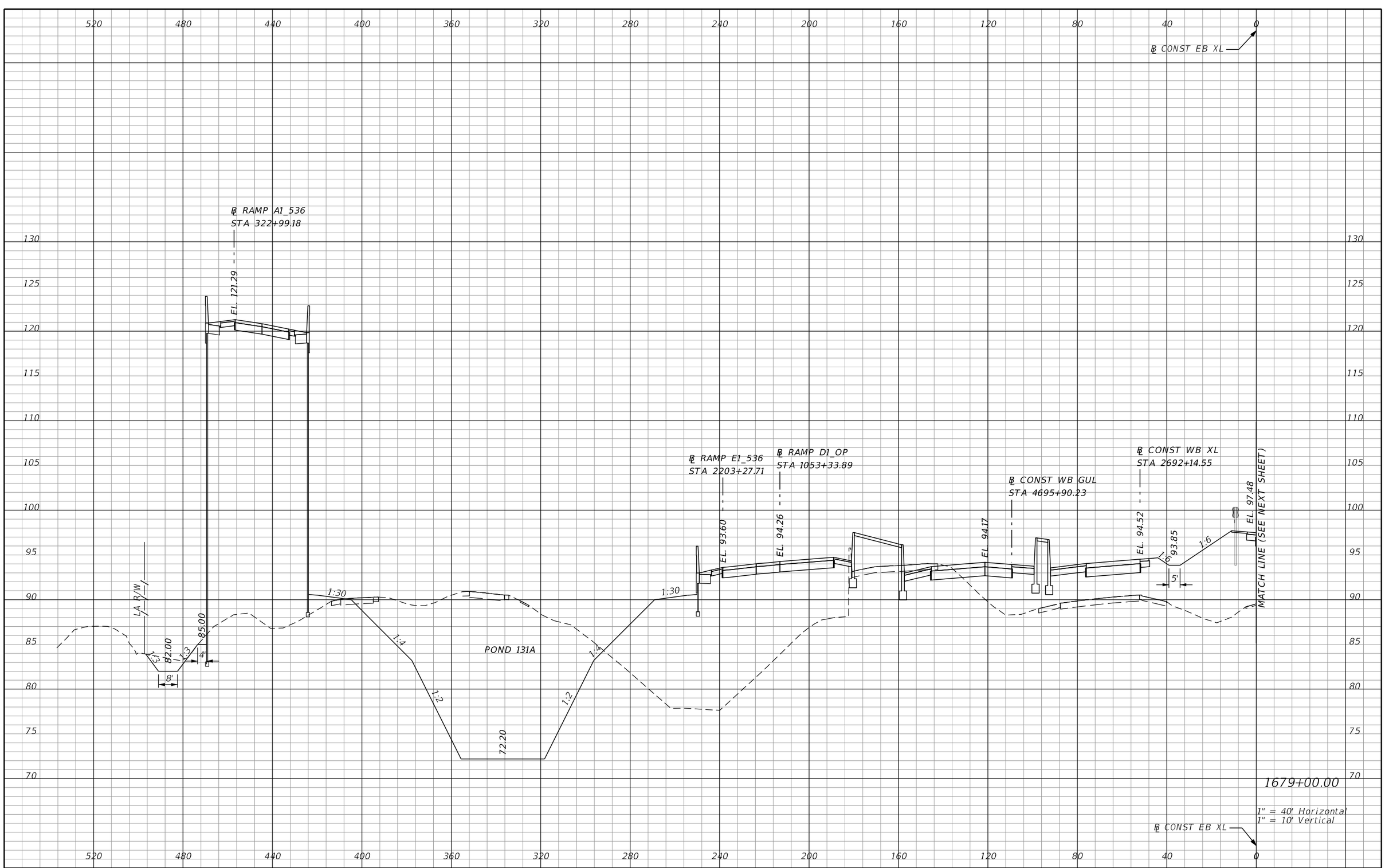
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 561

PRELIMINARY: NOT FOR CONSTRUCTION



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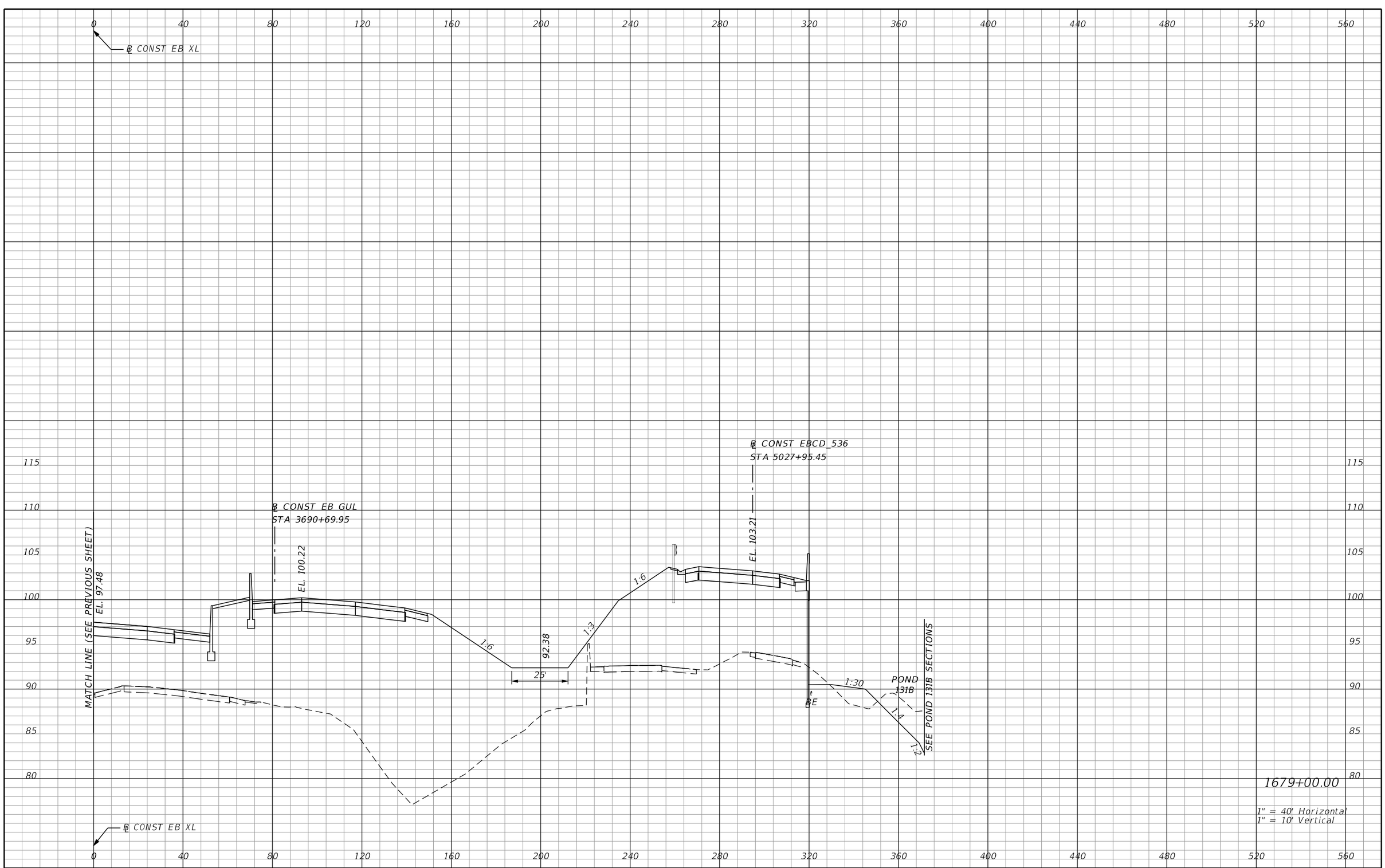
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 562

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 563

PRELIMINARY: NOT FOR CONSTRUCTION

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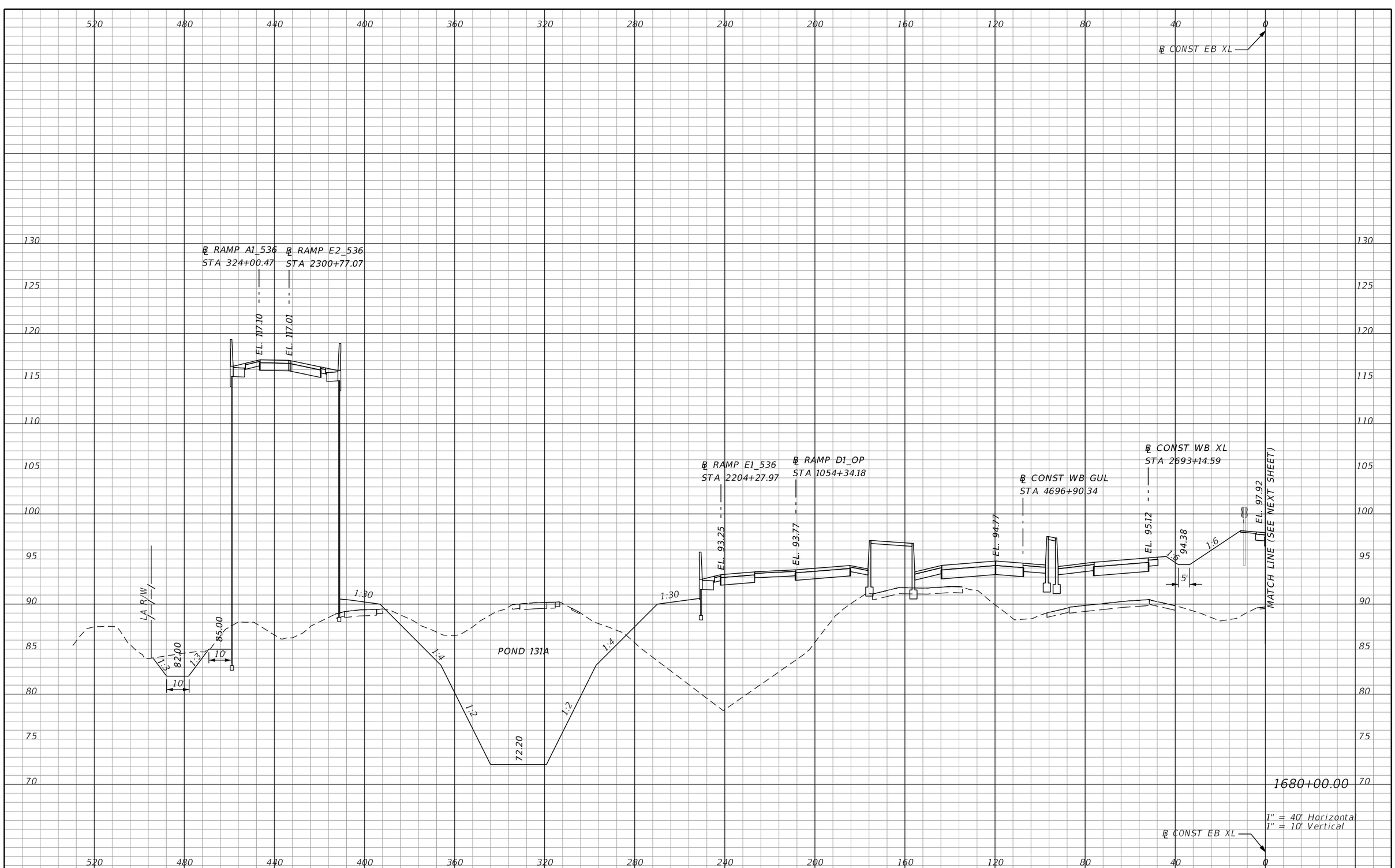

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 564

PRELIMINARY: NOT FOR CONSTRUCTION

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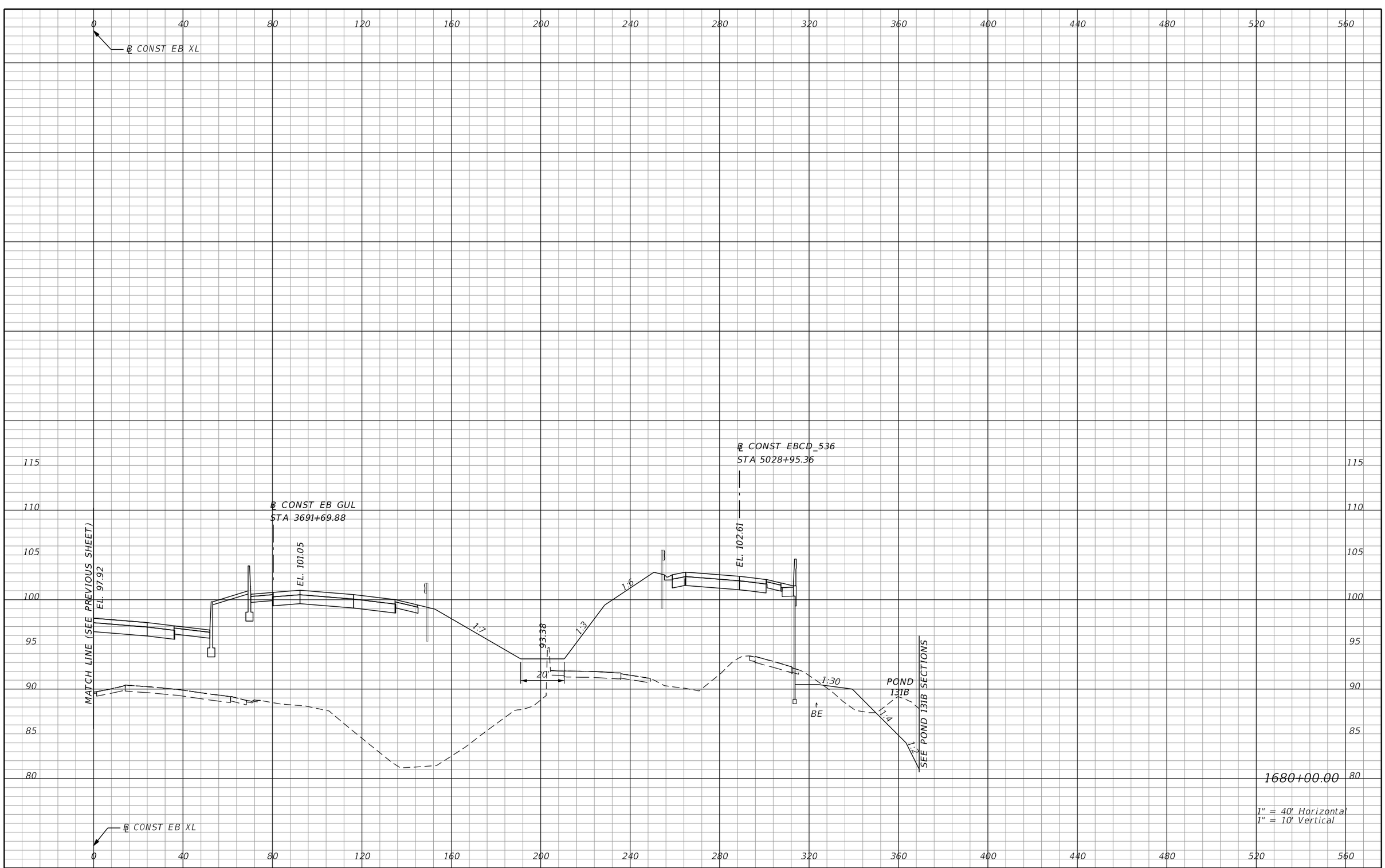

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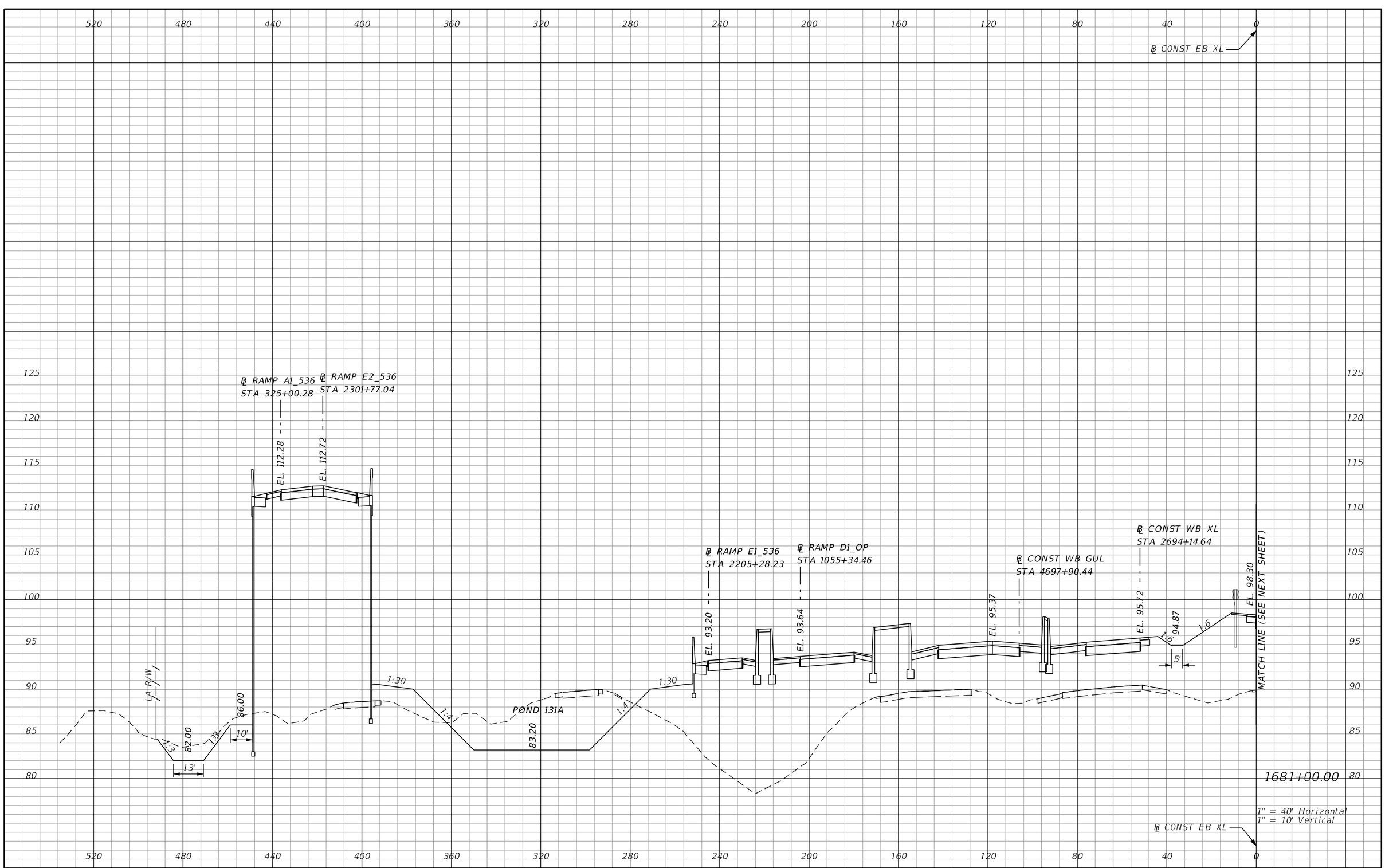
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 565

PRELIMINARY: NOT FOR CONSTRUCTION



PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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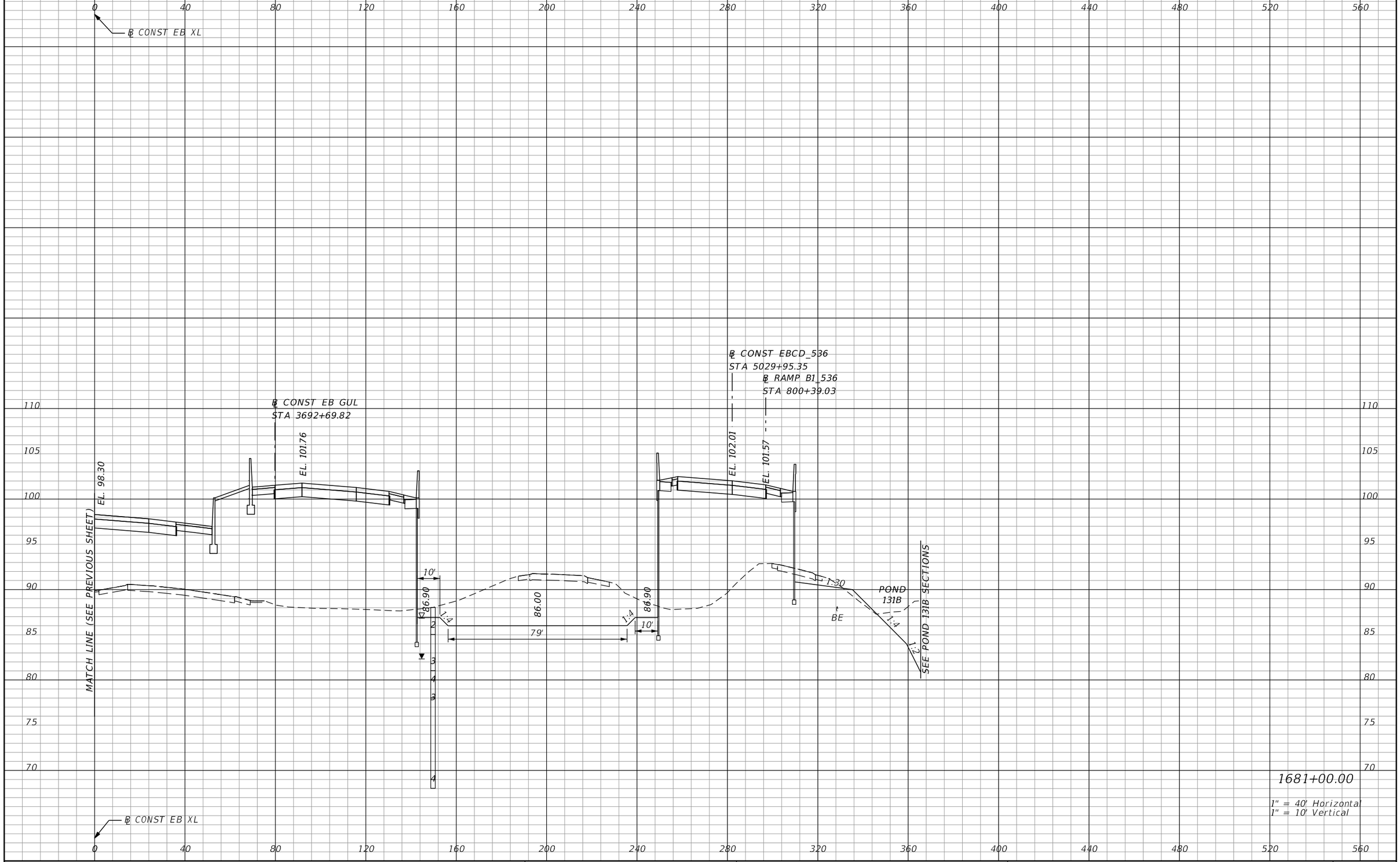
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 566



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Orlando, FL, 32801
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
567

PRELIMINARY: NOT FOR CONSTRUCTION

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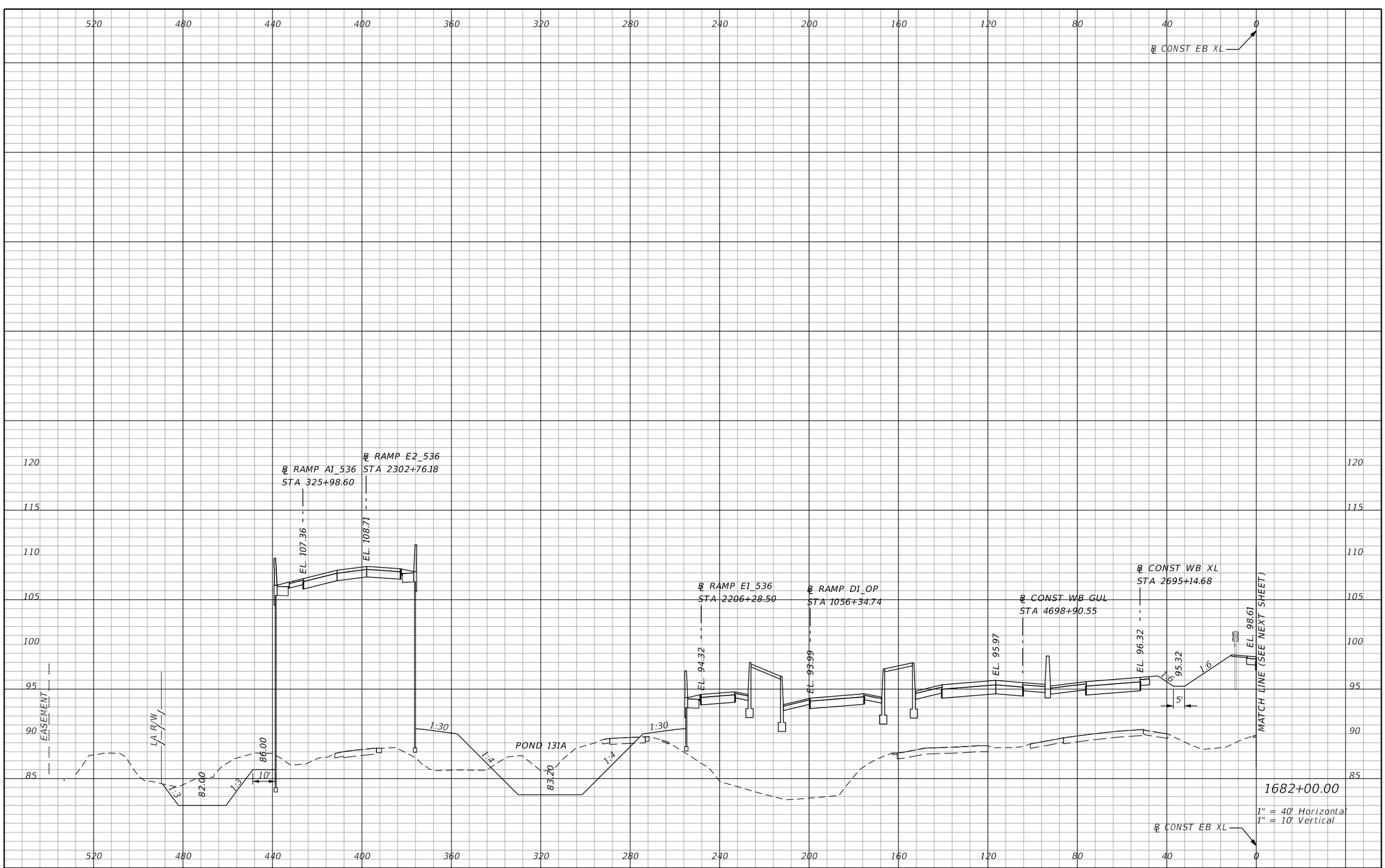

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 568

PRELIMINARY: NOT FOR CONSTRUCTION

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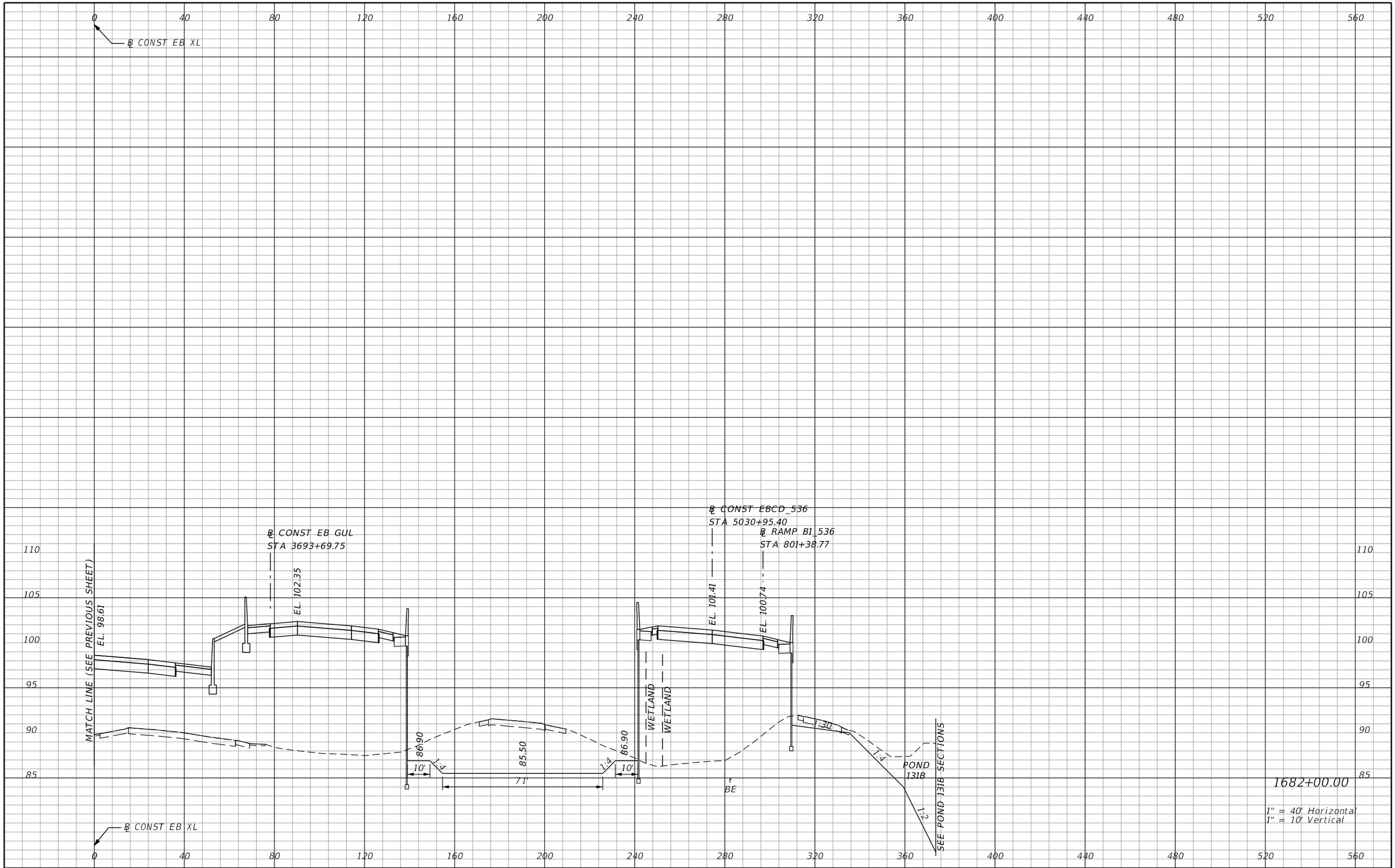

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 569

PRELIMINARY: NOT FOR CONSTRUCTION

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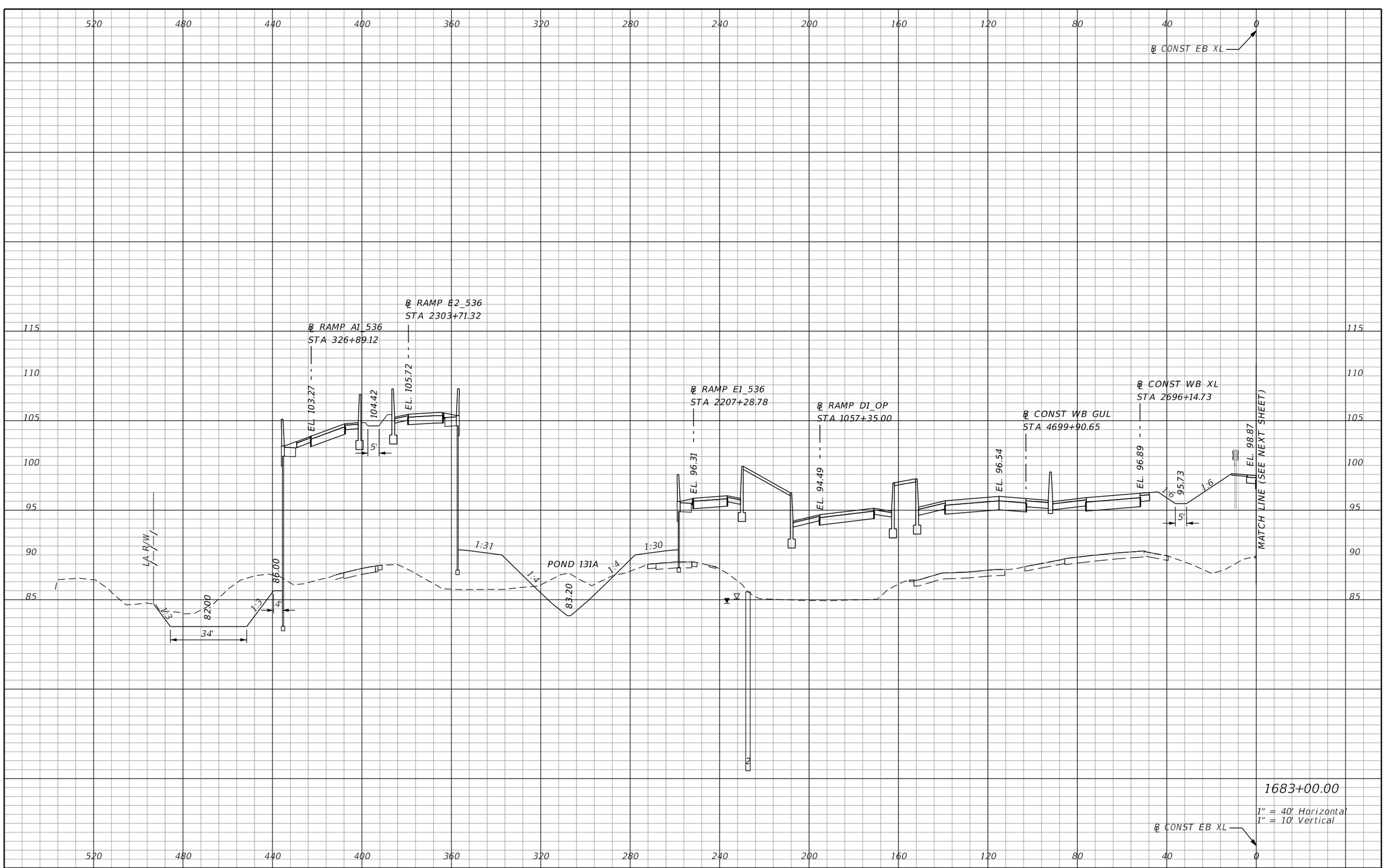

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 570

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ CONST EB XL

℄ CONST EB GUL
STA 3694+69.70

℄ CONST EBCD_536
STA 5031+95.55

℄ RAMP B1_536
STA 802+38.51

EL. 102.82

EL. 98.87

EL. 100.81

EL. 99.89

MATCH LINE (SEE PREVIOUS SHEET)

WETLAND

WETLAND

86.90

86.90

10'

1:4

85.00

60'

1:4

10'

1:30

1:4

BE

POND
131B

1:2

73.00

SEE POND 131B SECTIONS

1683+00.00

1" = 40' Horizontal
1" = 10' Vertical

℄ CONST EB XL

0 40 80 120 160 200 240 280 320 360 400 440 480 520 560

110 105 100 95 90 85 80 75 70

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 571

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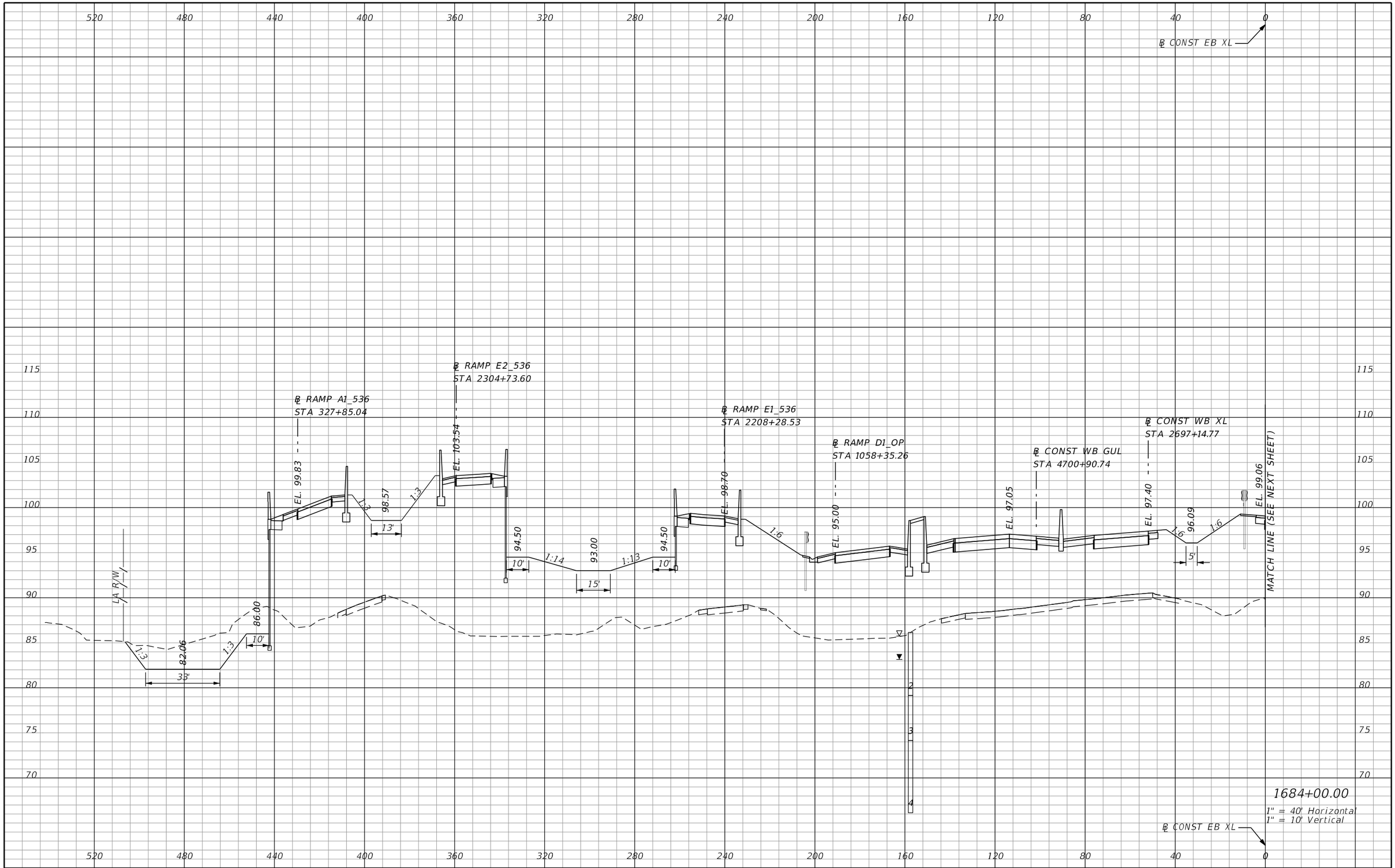

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 572

PRELIMINARY: NOT FOR CONSTRUCTION

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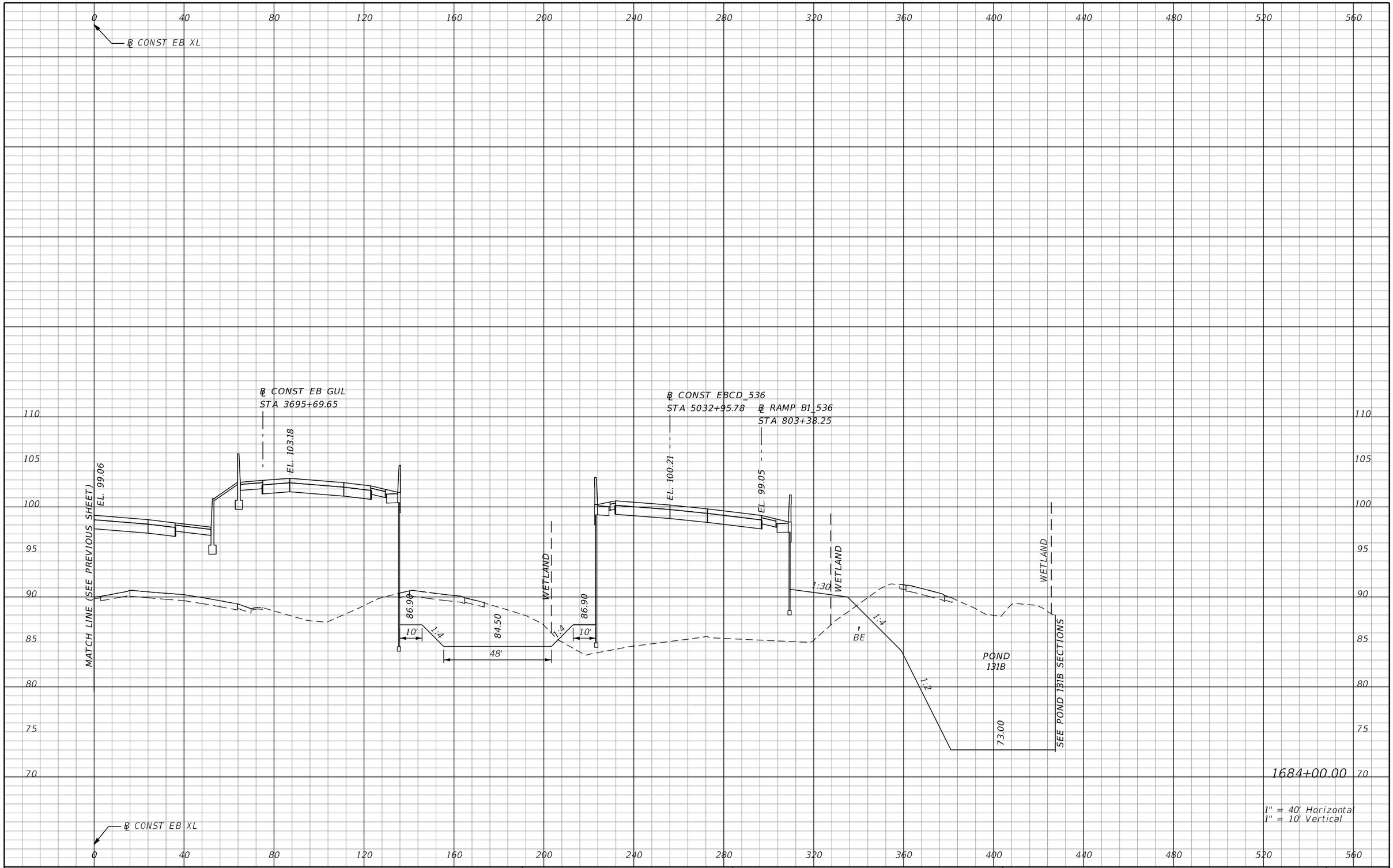

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 573

PRELIMINARY: NOT FOR CONSTRUCTION

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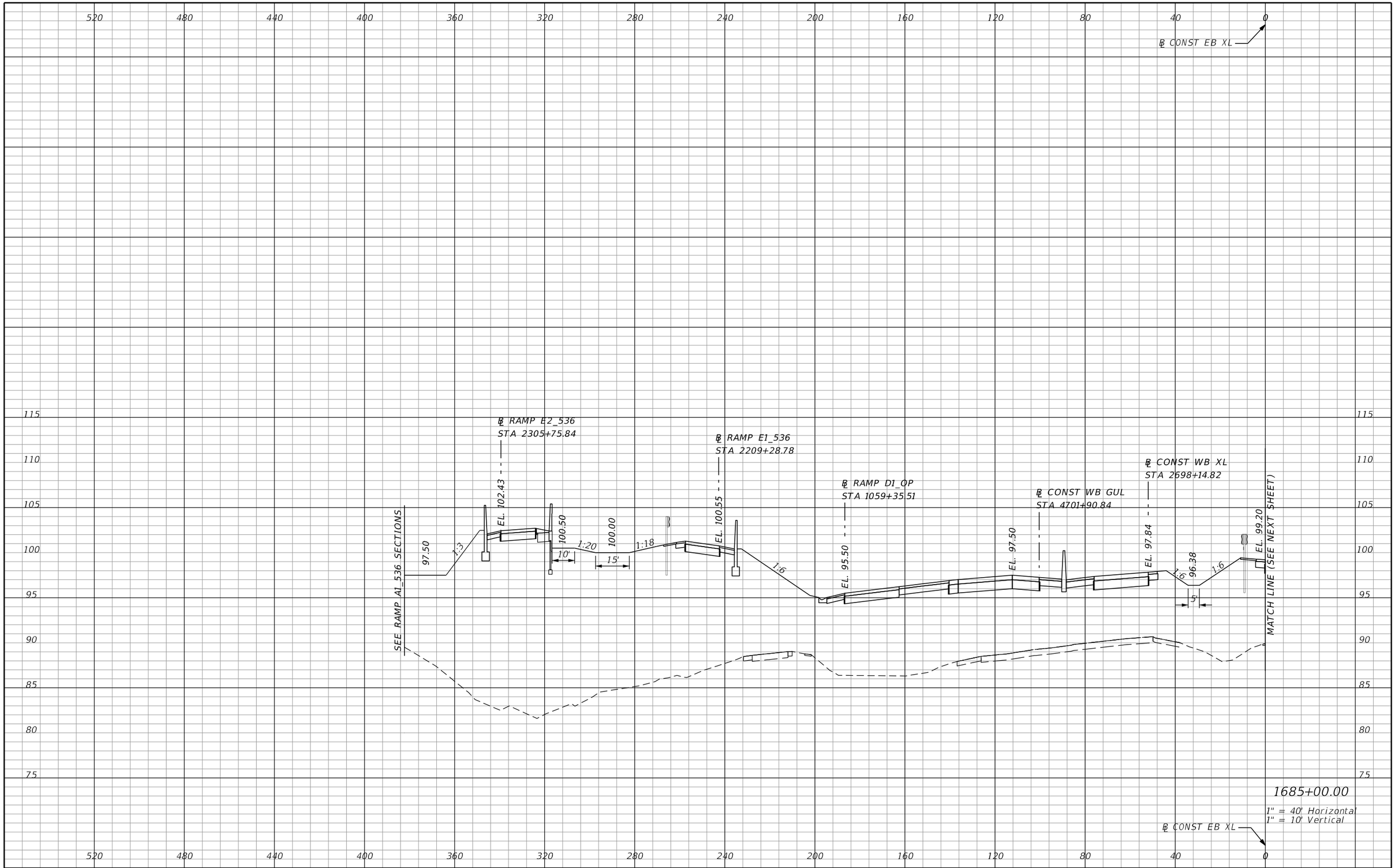

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 574

PRELIMINARY: NOT FOR CONSTRUCTION

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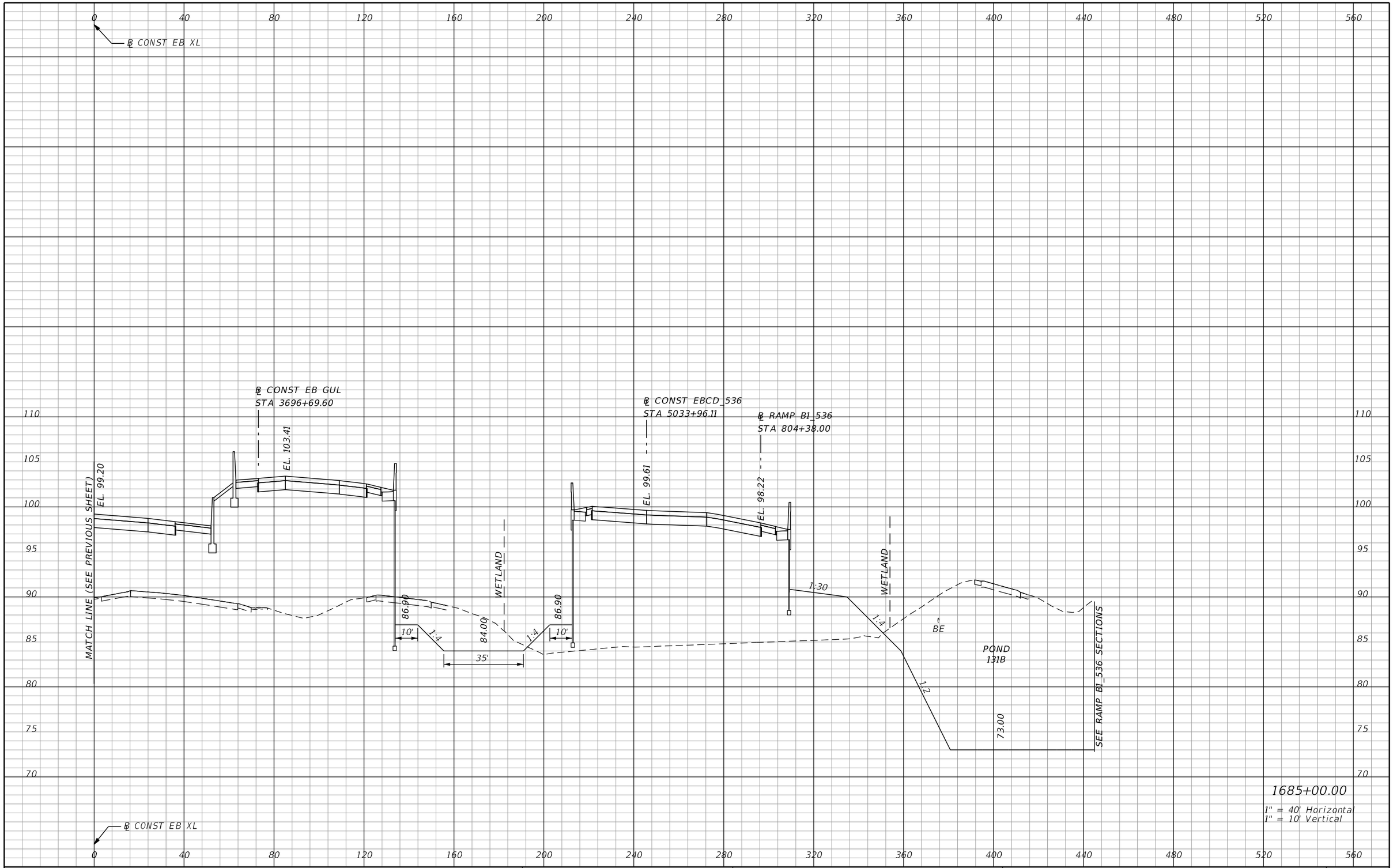

1685+00.00

1" = 40' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 575

PRELIMINARY: NOT FOR CONSTRUCTION

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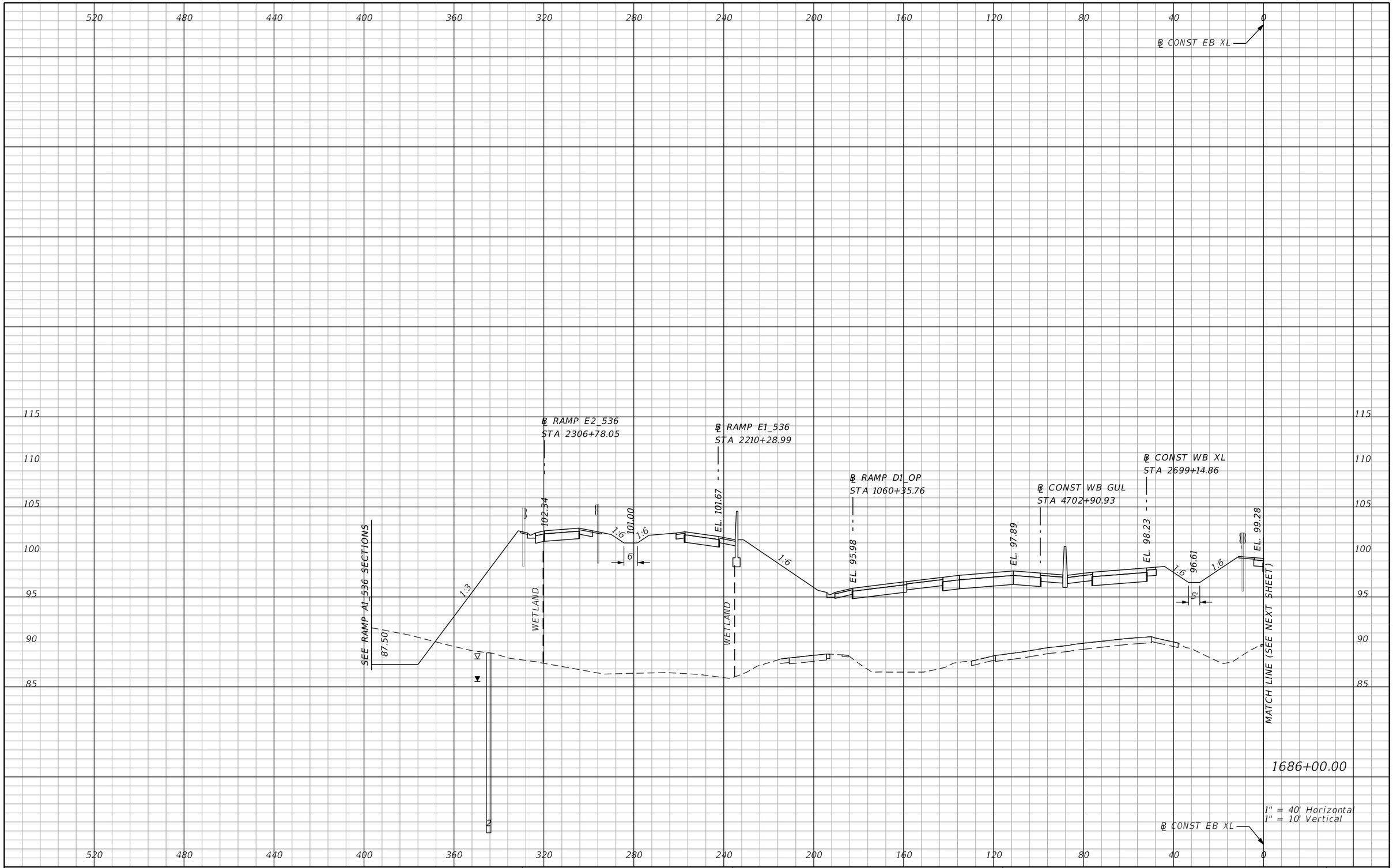

REVISIONS			
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Certificate of Authorization No. 8115
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 576

PRELIMINARY: NOT FOR CONSTRUCTION

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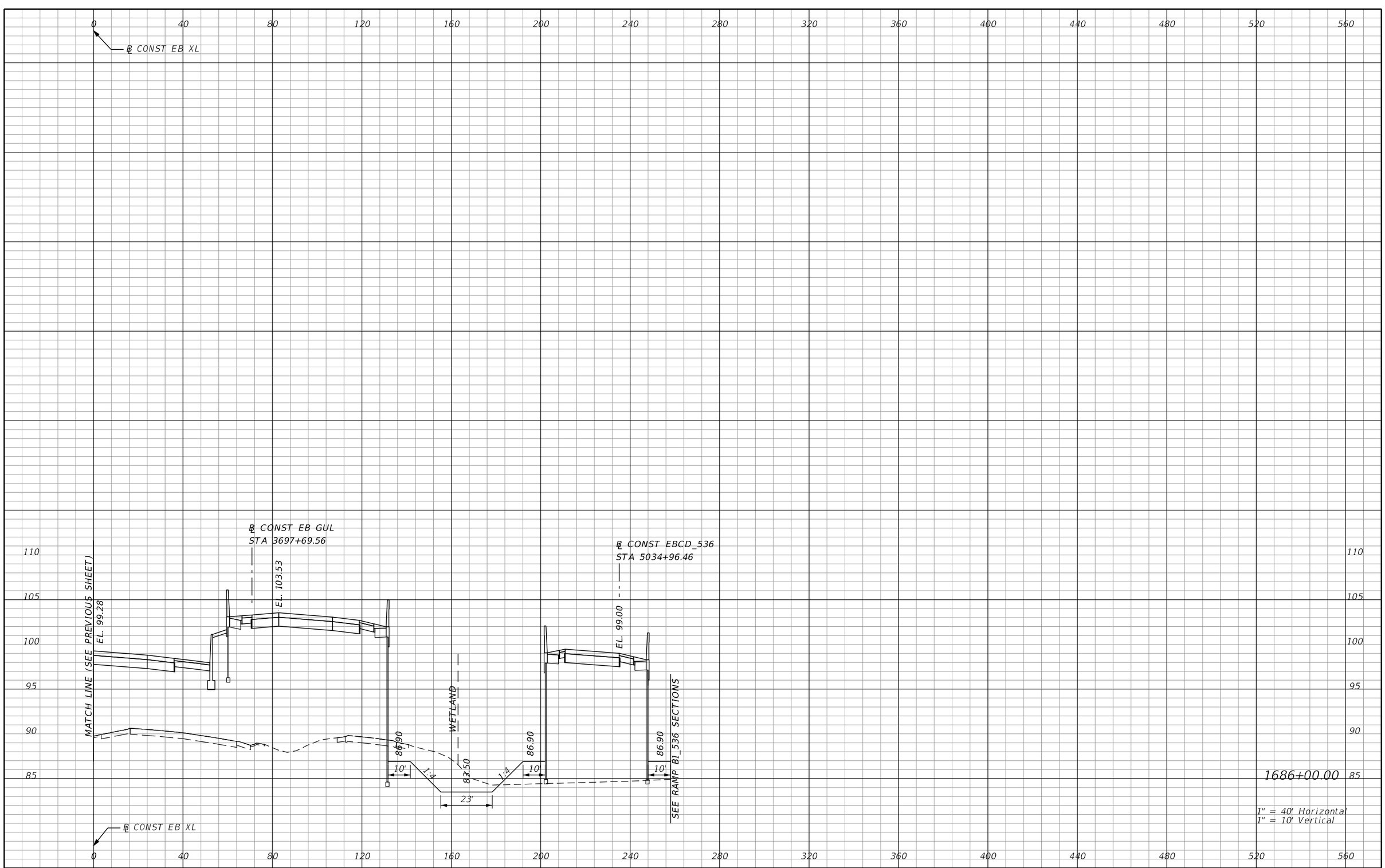

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 577

PRELIMINARY: NOT FOR CONSTRUCTION

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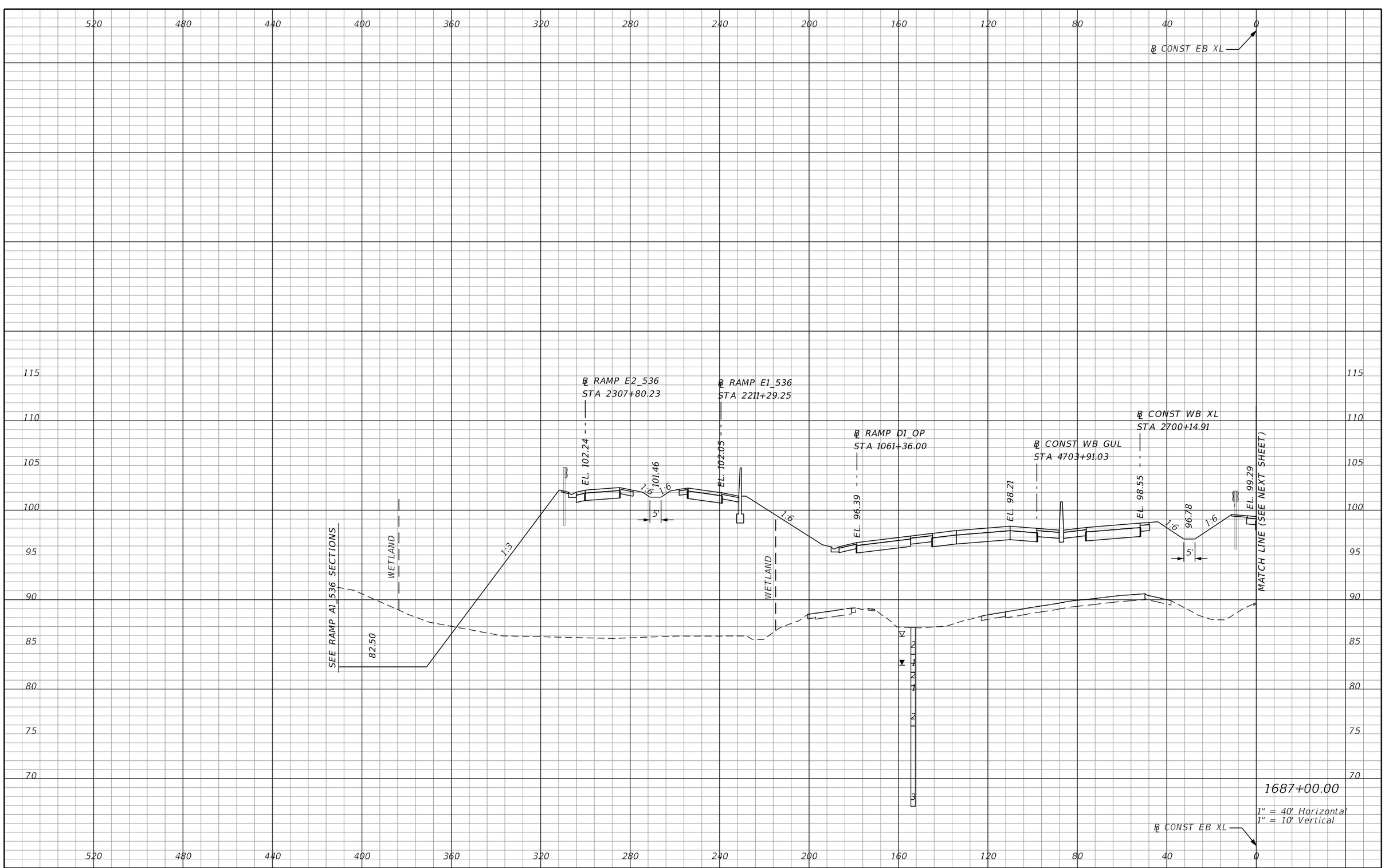

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 578

PRELIMINARY: NOT FOR CONSTRUCTION

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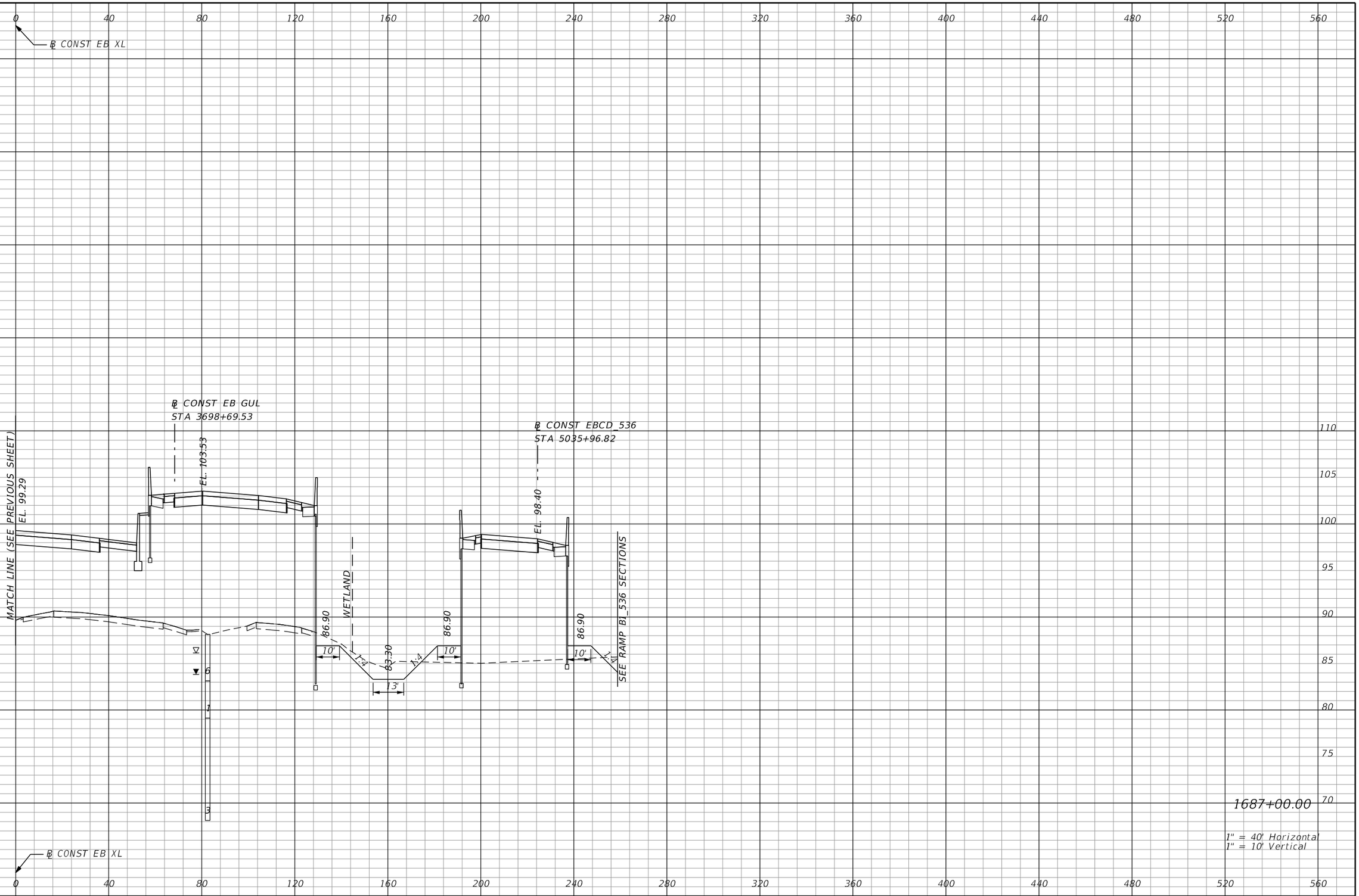

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 579

PRELIMINARY: NOT FOR CONSTRUCTION

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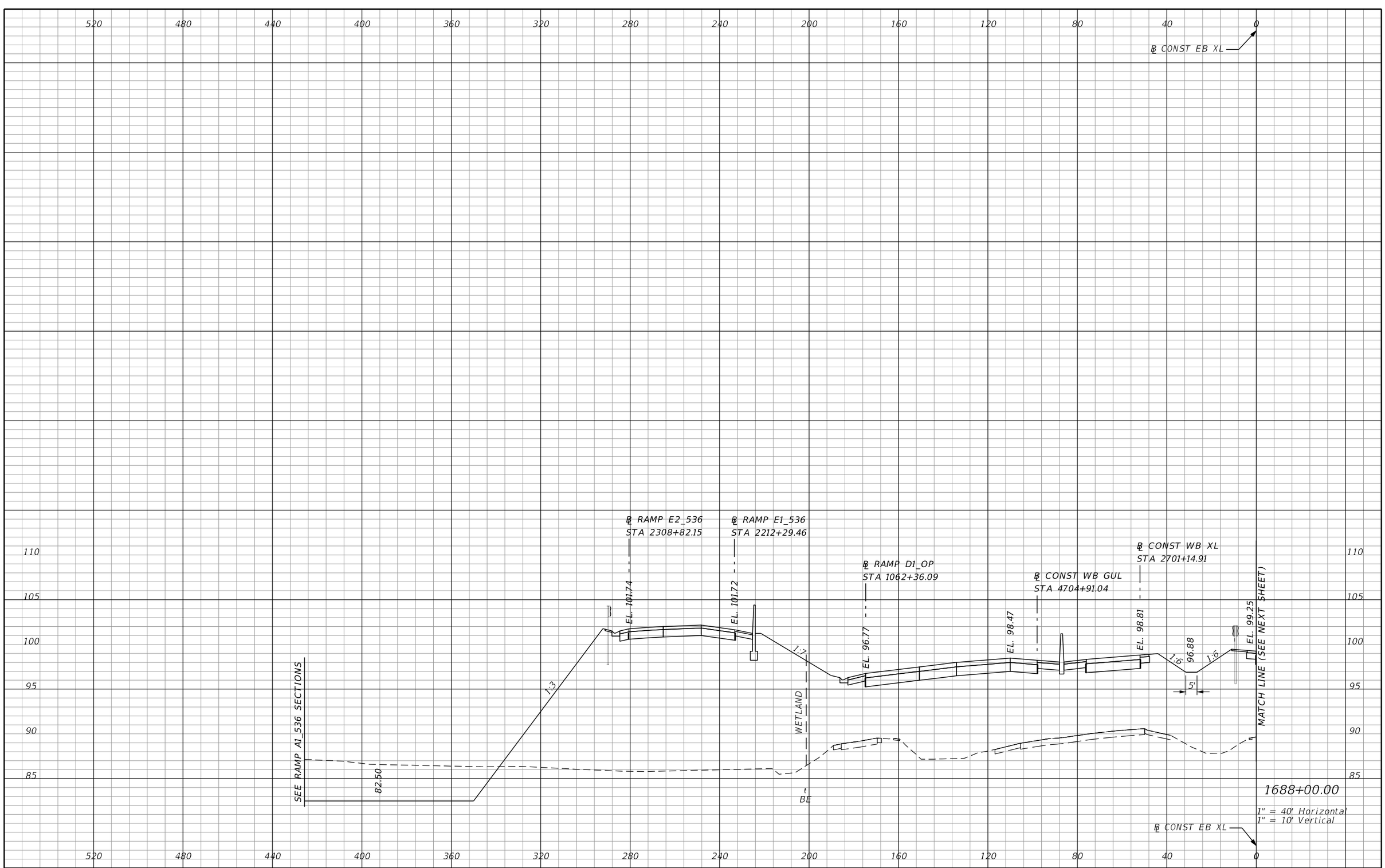

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 580

PRELIMINARY: NOT FOR CONSTRUCTION

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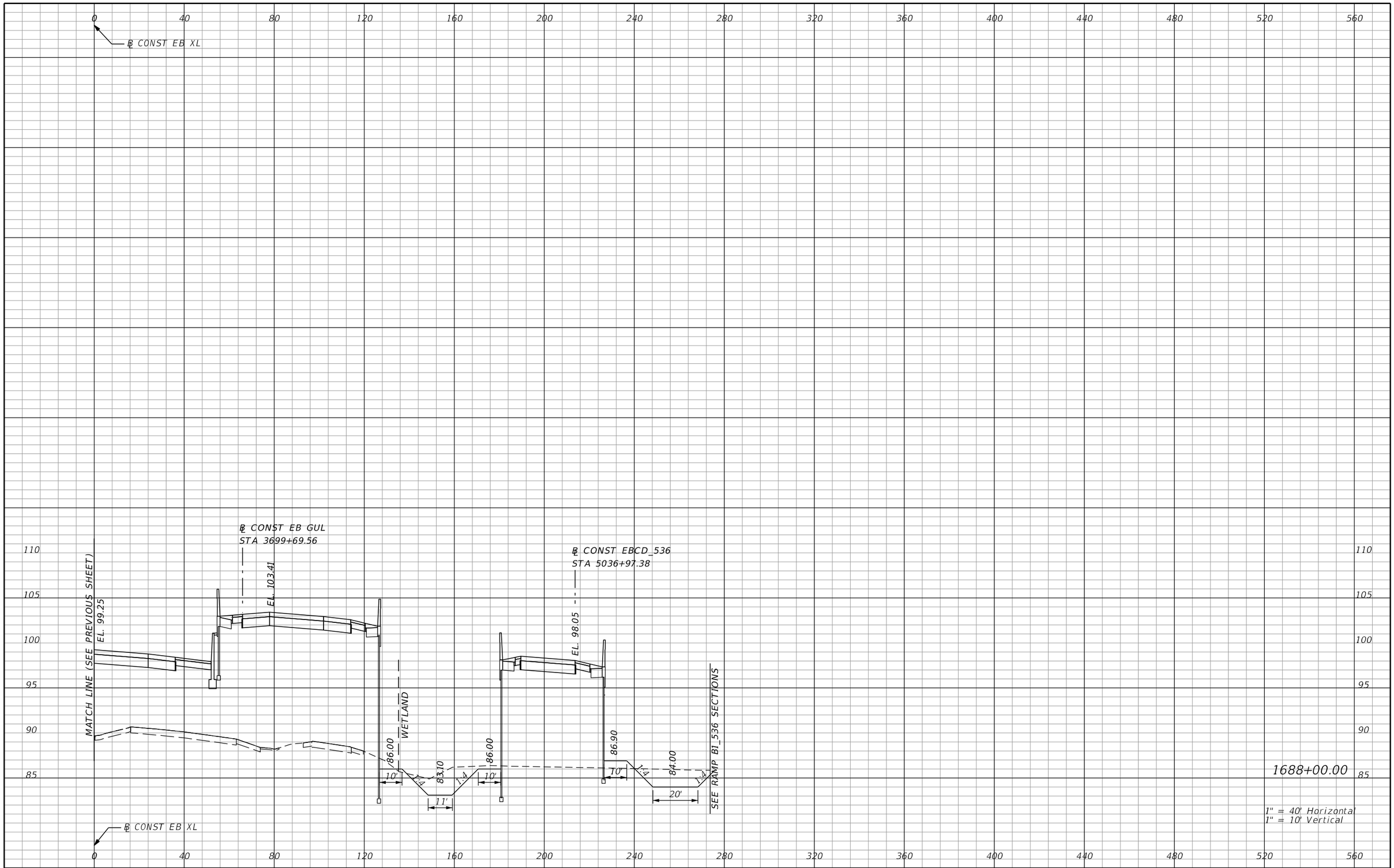

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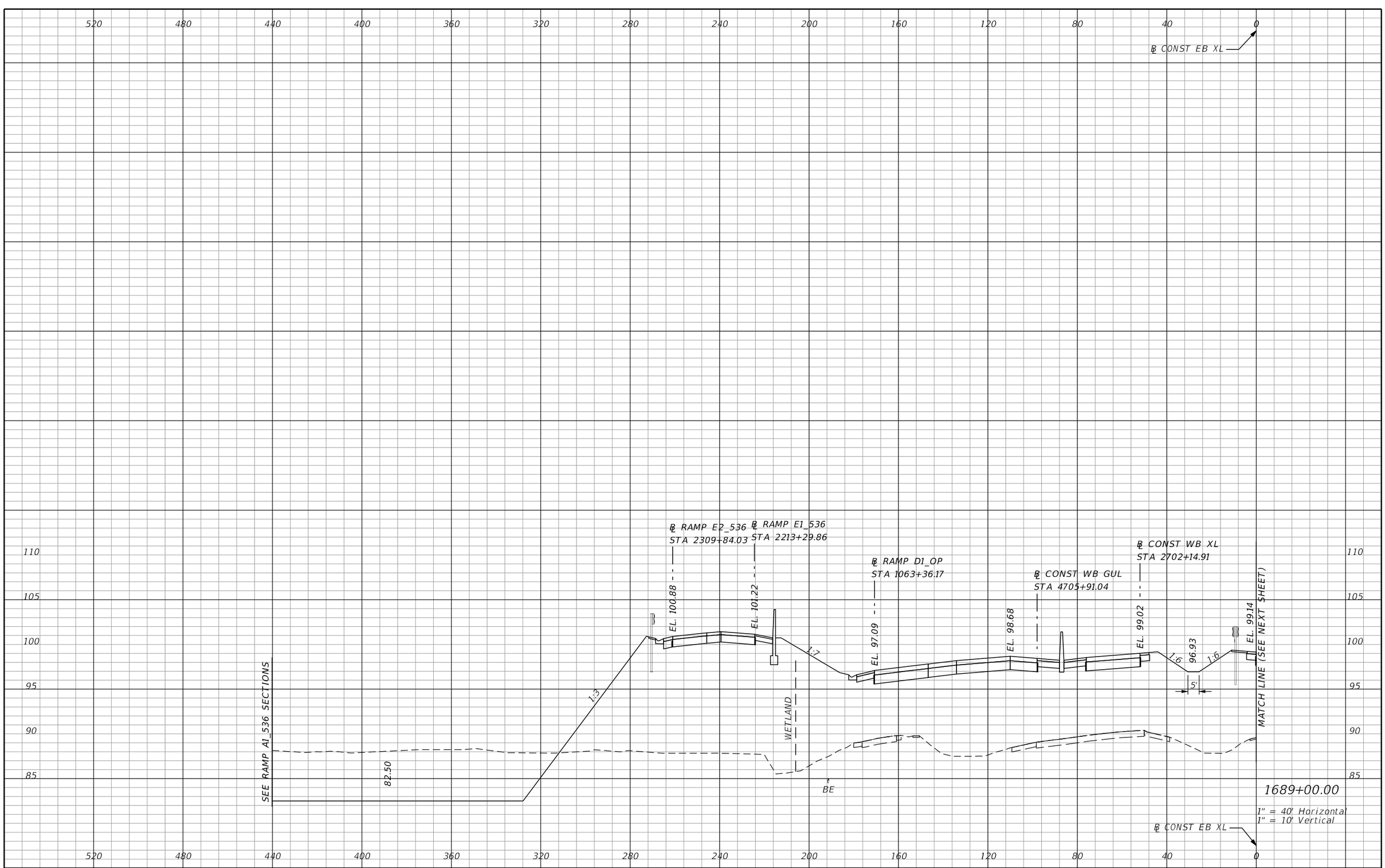
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 581

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 582

PRELIMINARY: NOT FOR CONSTRUCTION

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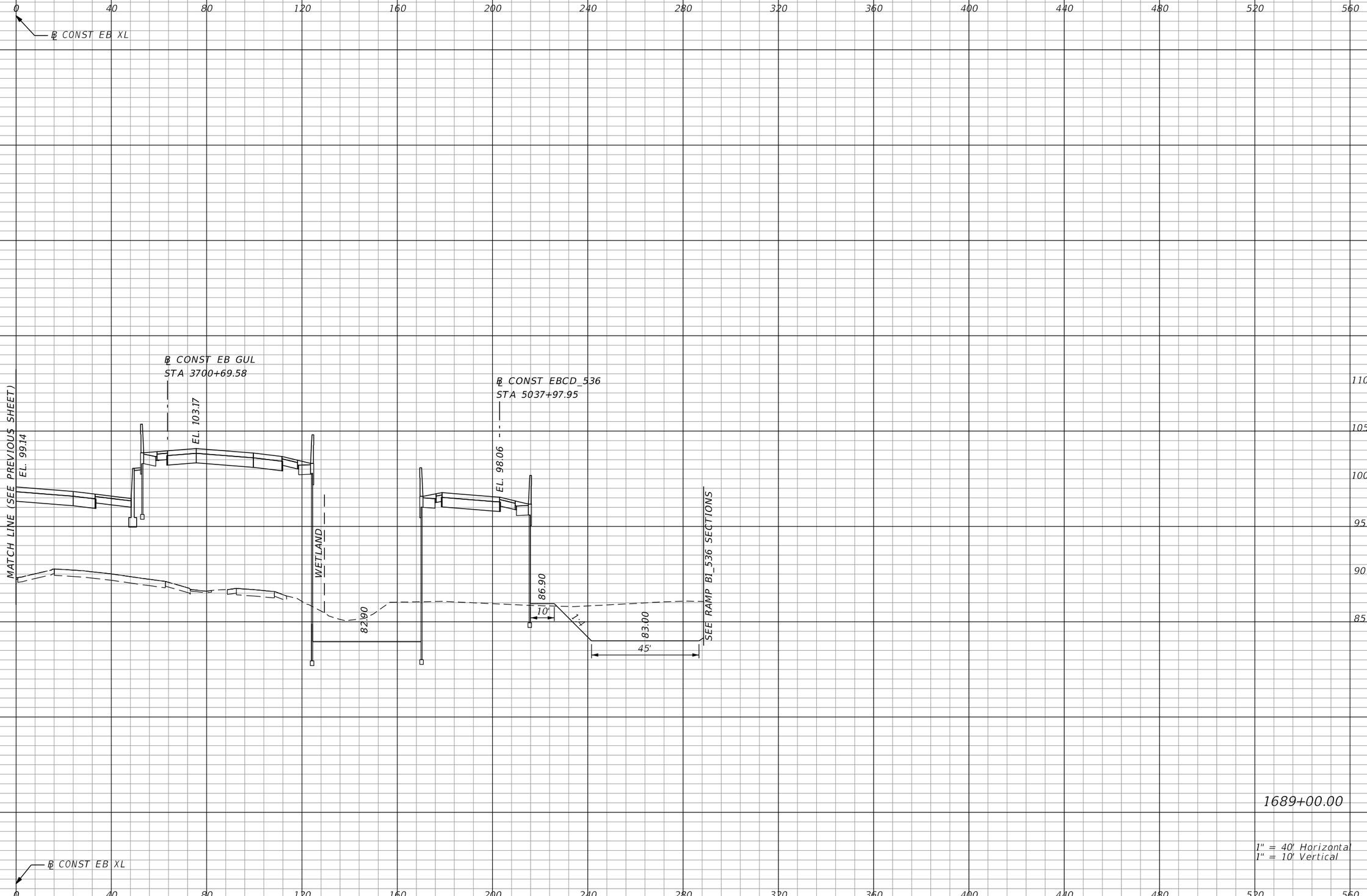

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 583

PRELIMINARY: NOT FOR CONSTRUCTION

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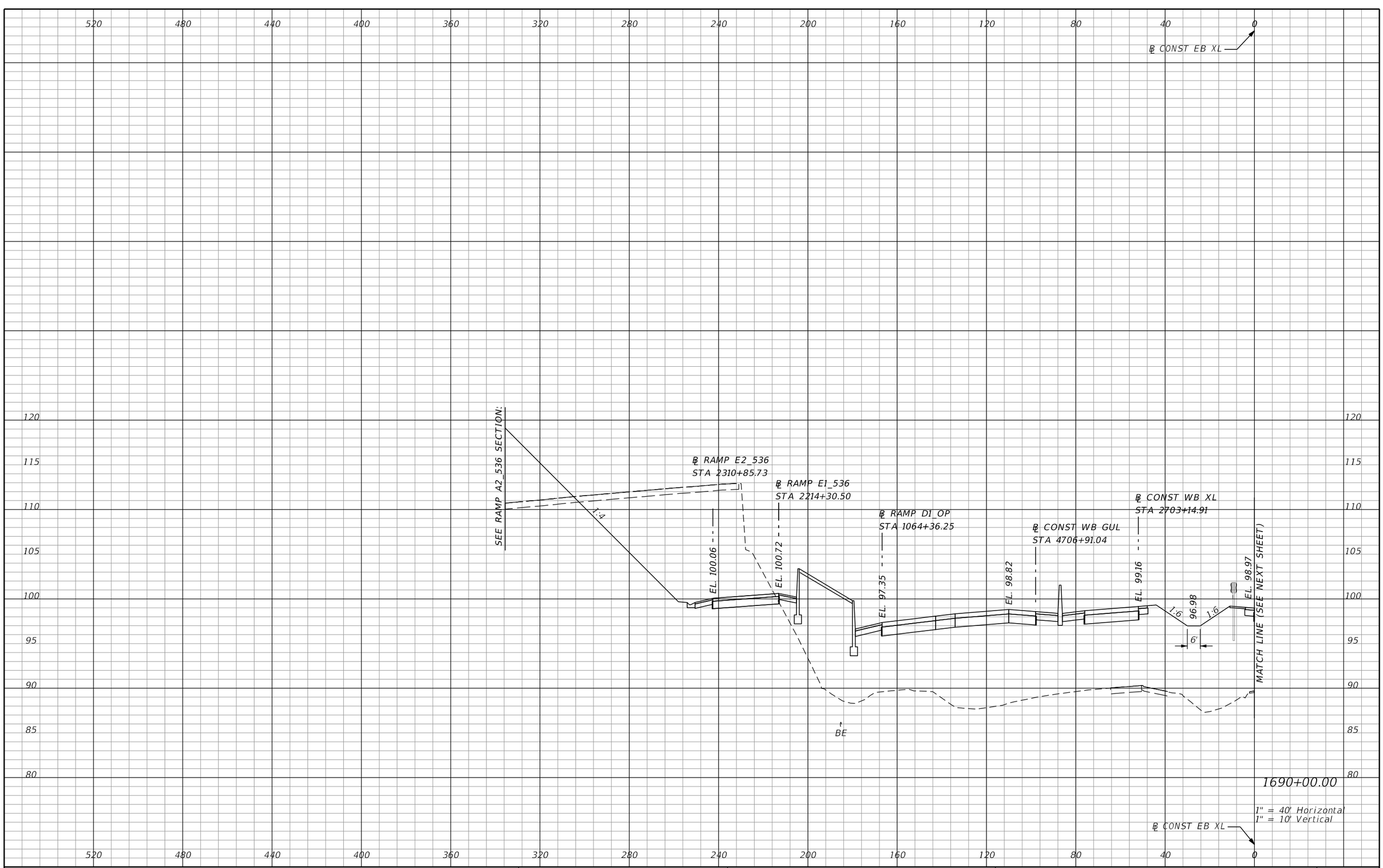

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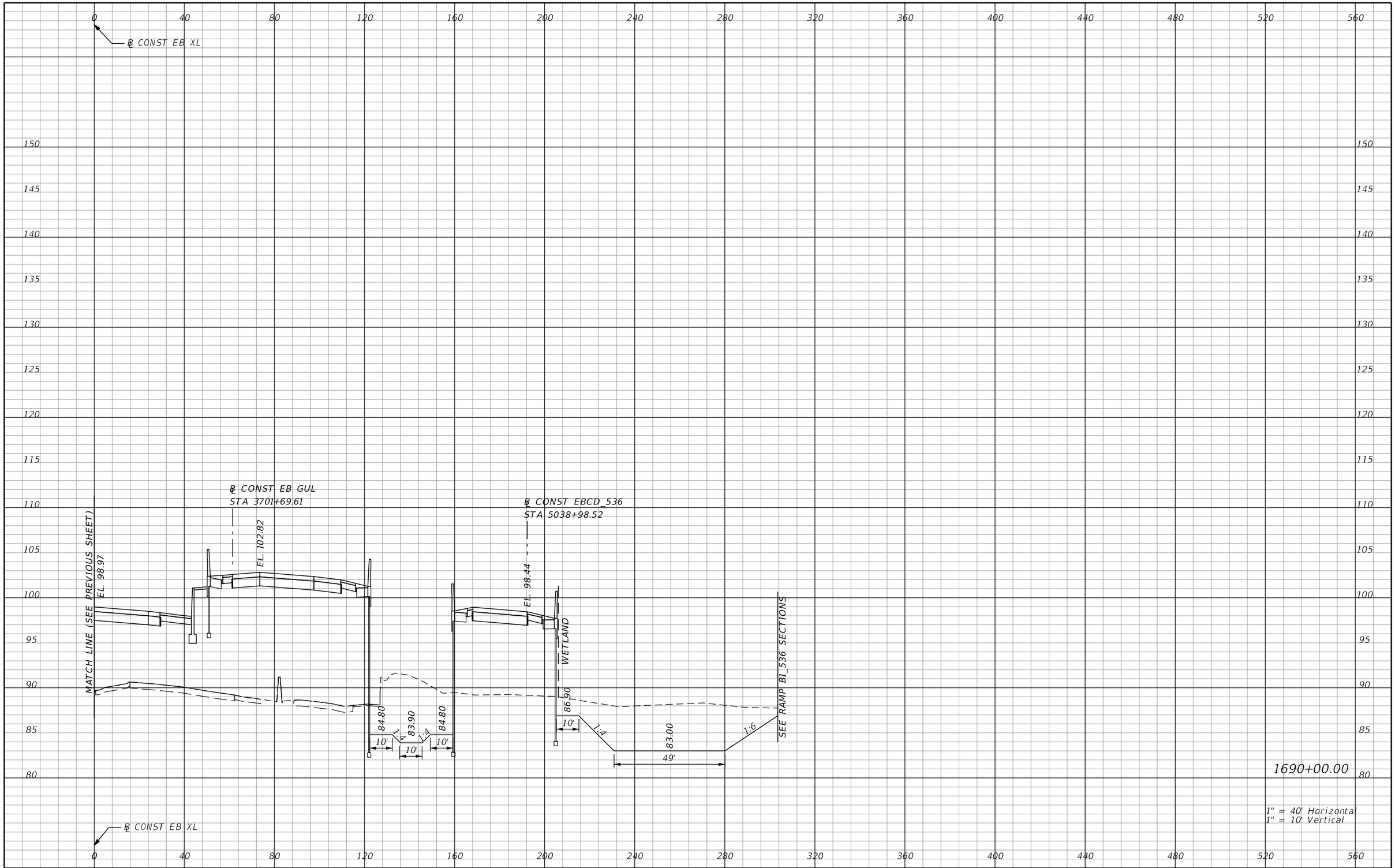
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 584

PRELIMINARY: NOT FOR CONSTRUCTION



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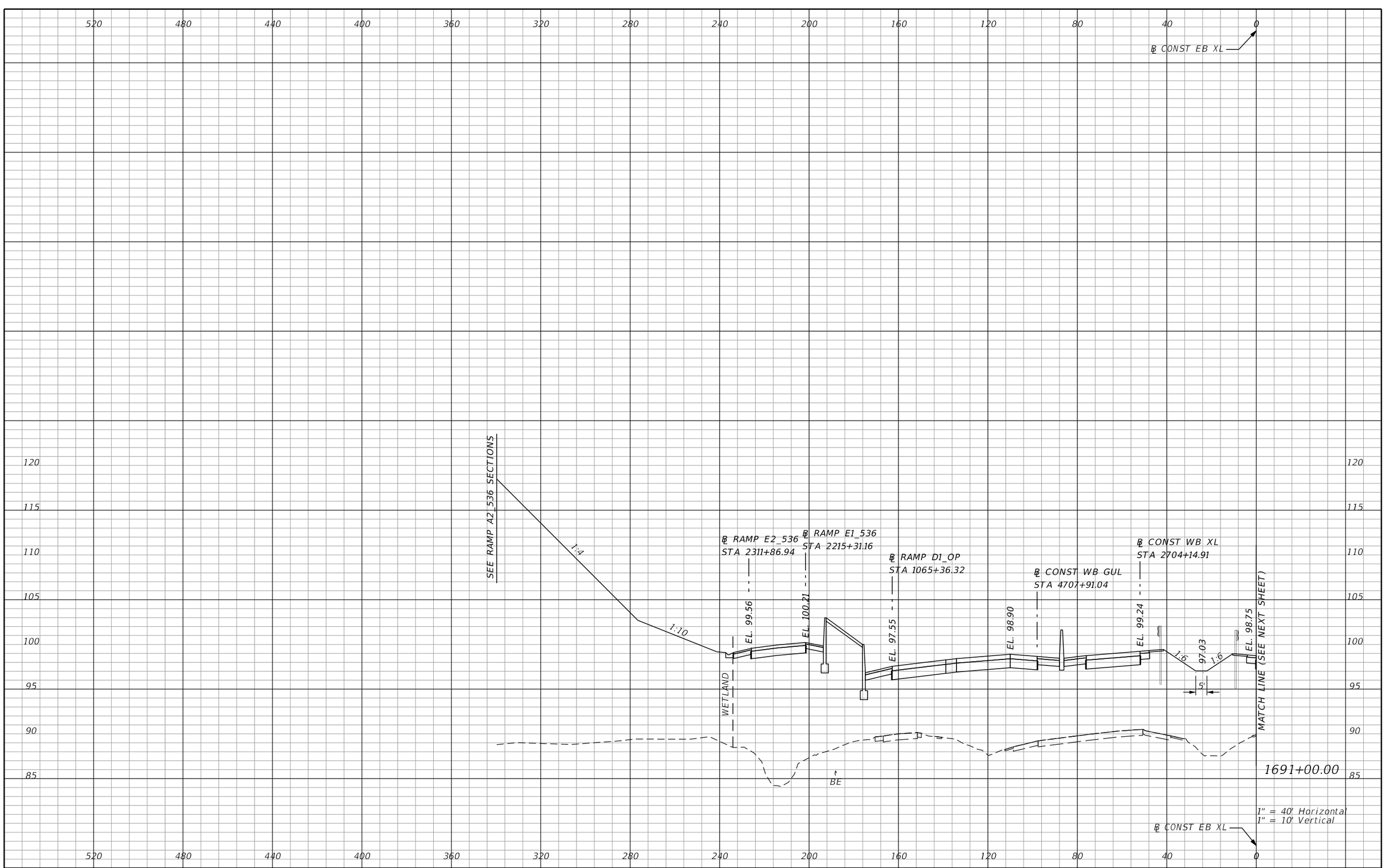
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 585

PRELIMINARY: NOT FOR CONSTRUCTION



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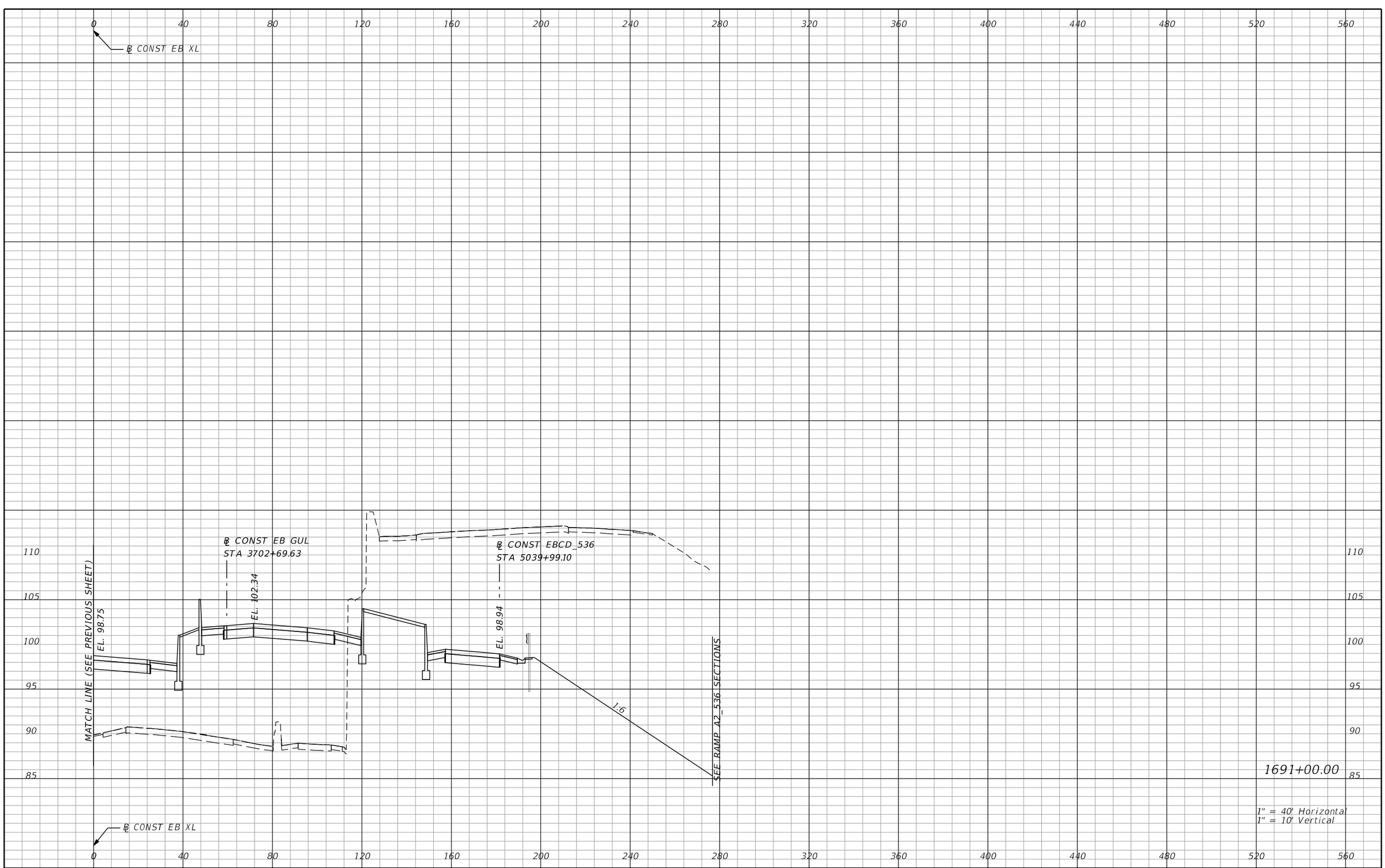
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 586



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 587

PRELIMINARY: NOT FOR CONSTRUCTION

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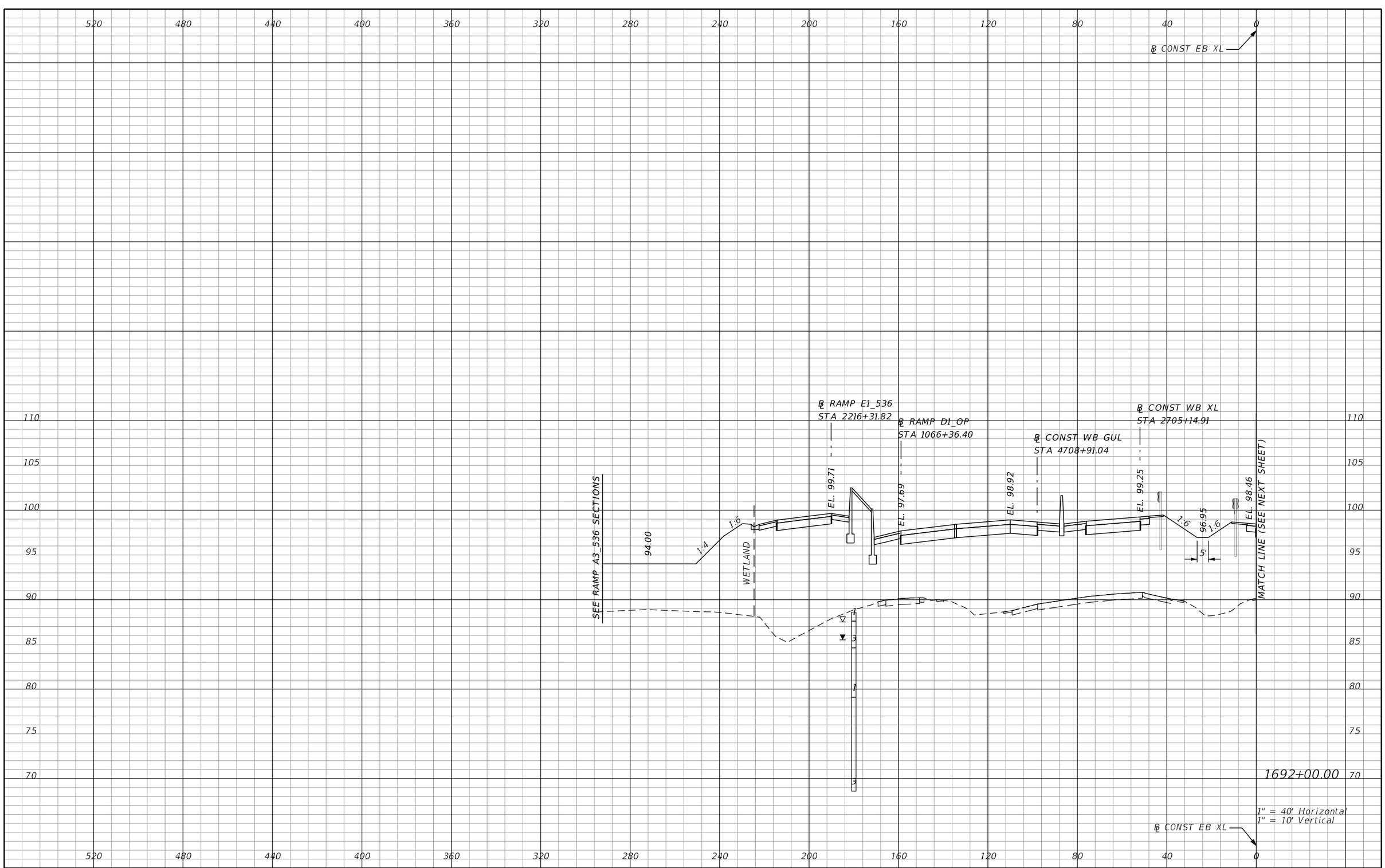

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 588

PRELIMINARY: NOT FOR CONSTRUCTION

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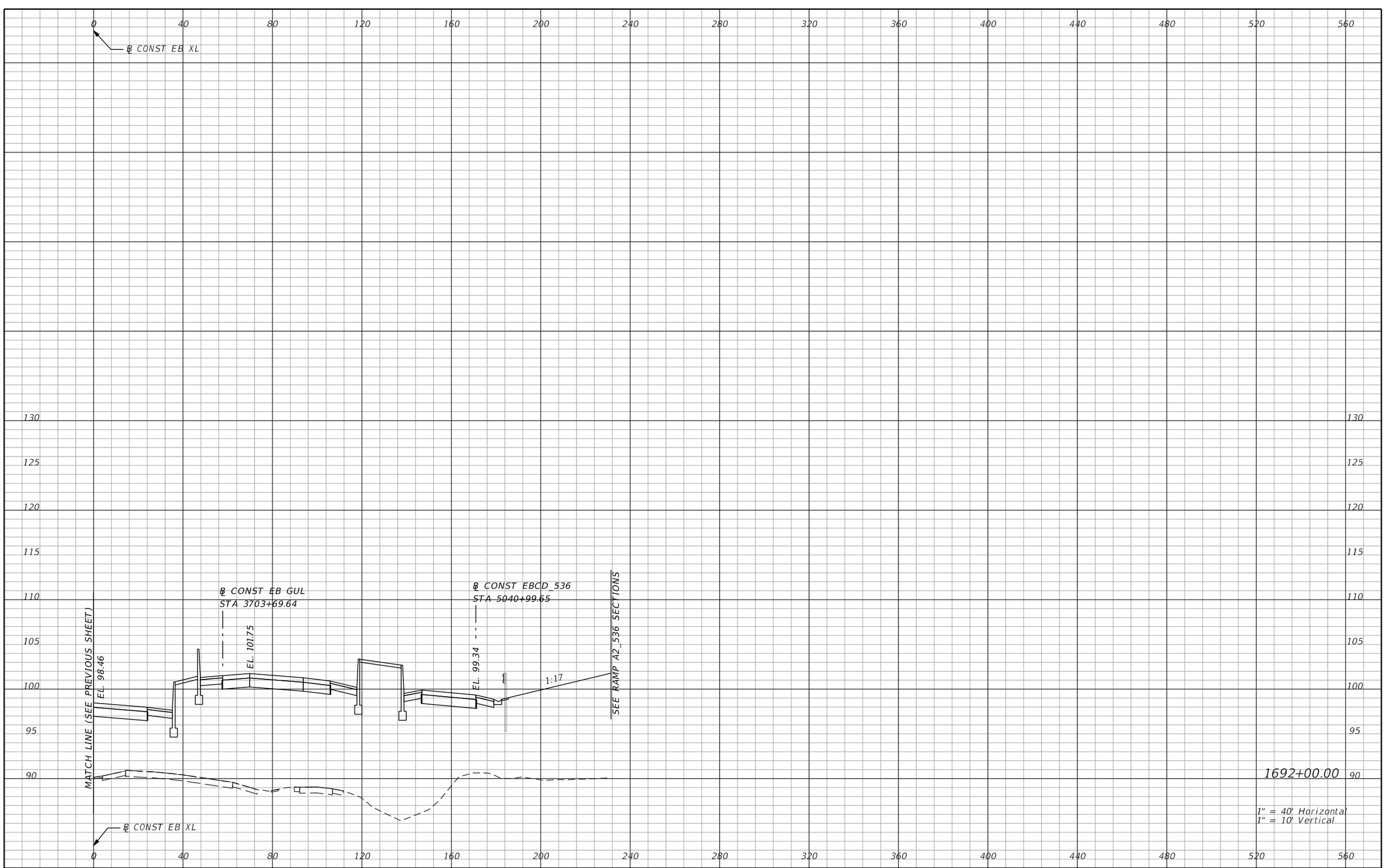

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 589

PRELIMINARY: NOT FOR CONSTRUCTION

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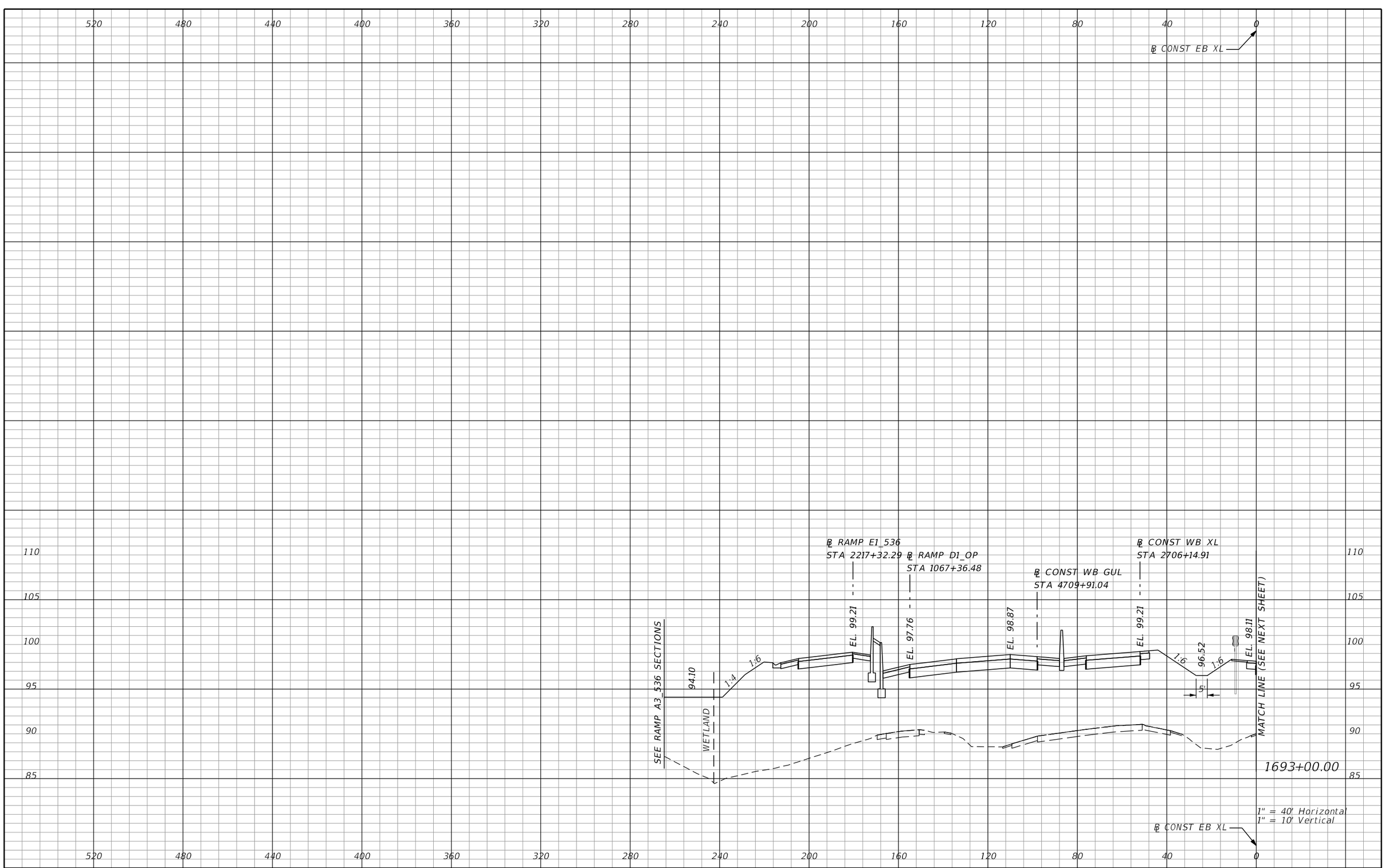

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 590

PRELIMINARY: NOT FOR CONSTRUCTION

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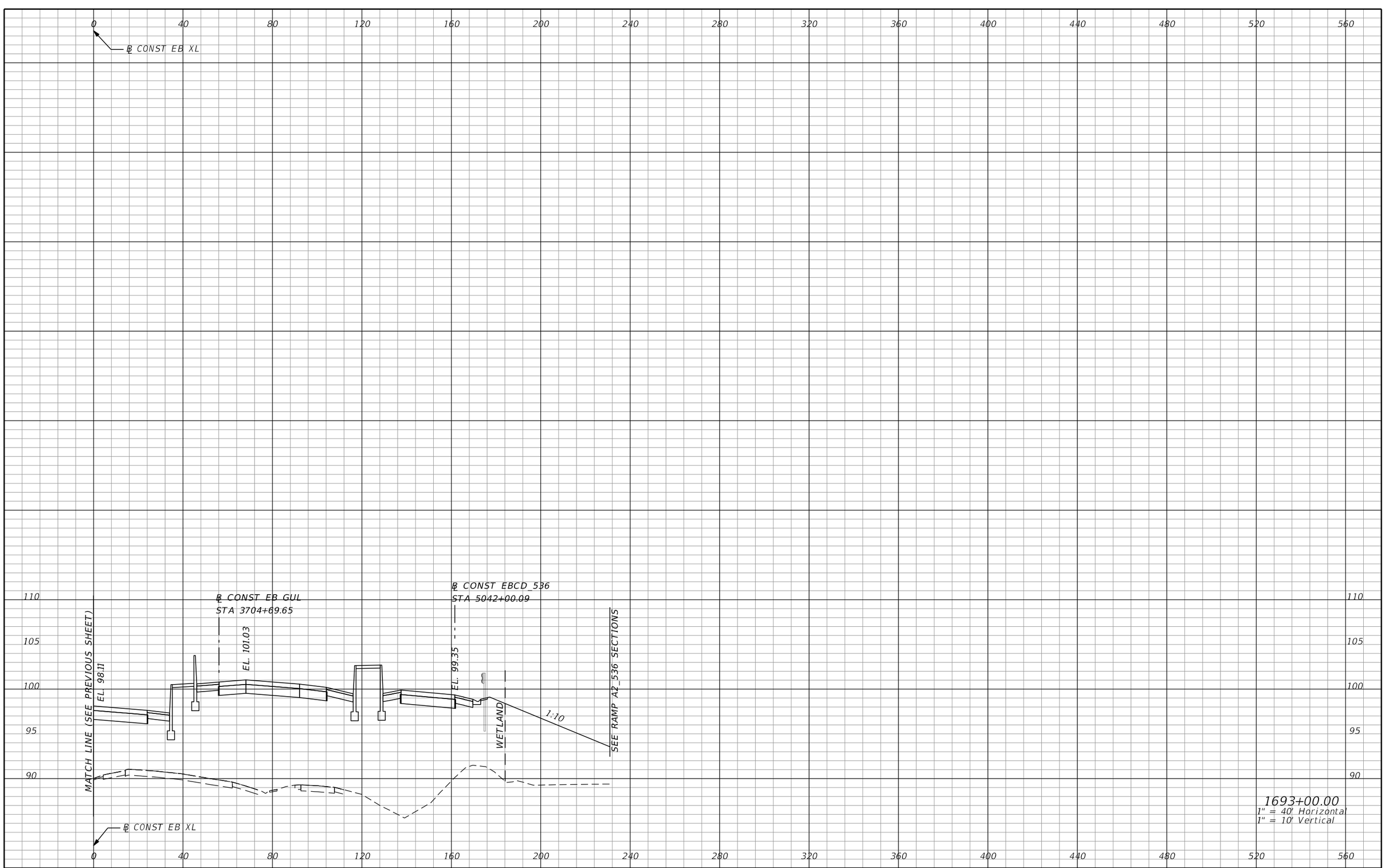

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 591

PRELIMINARY: NOT FOR CONSTRUCTION

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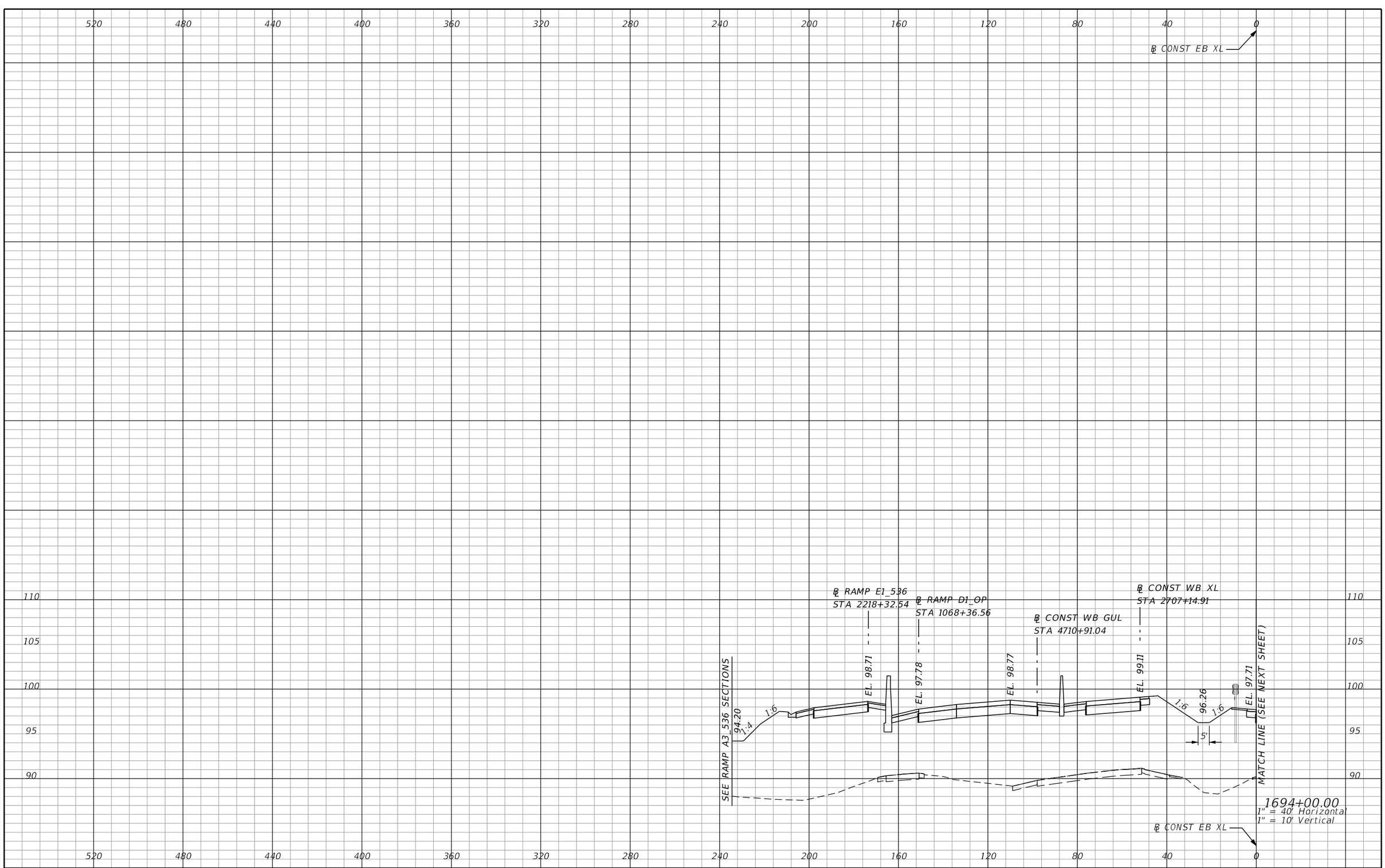

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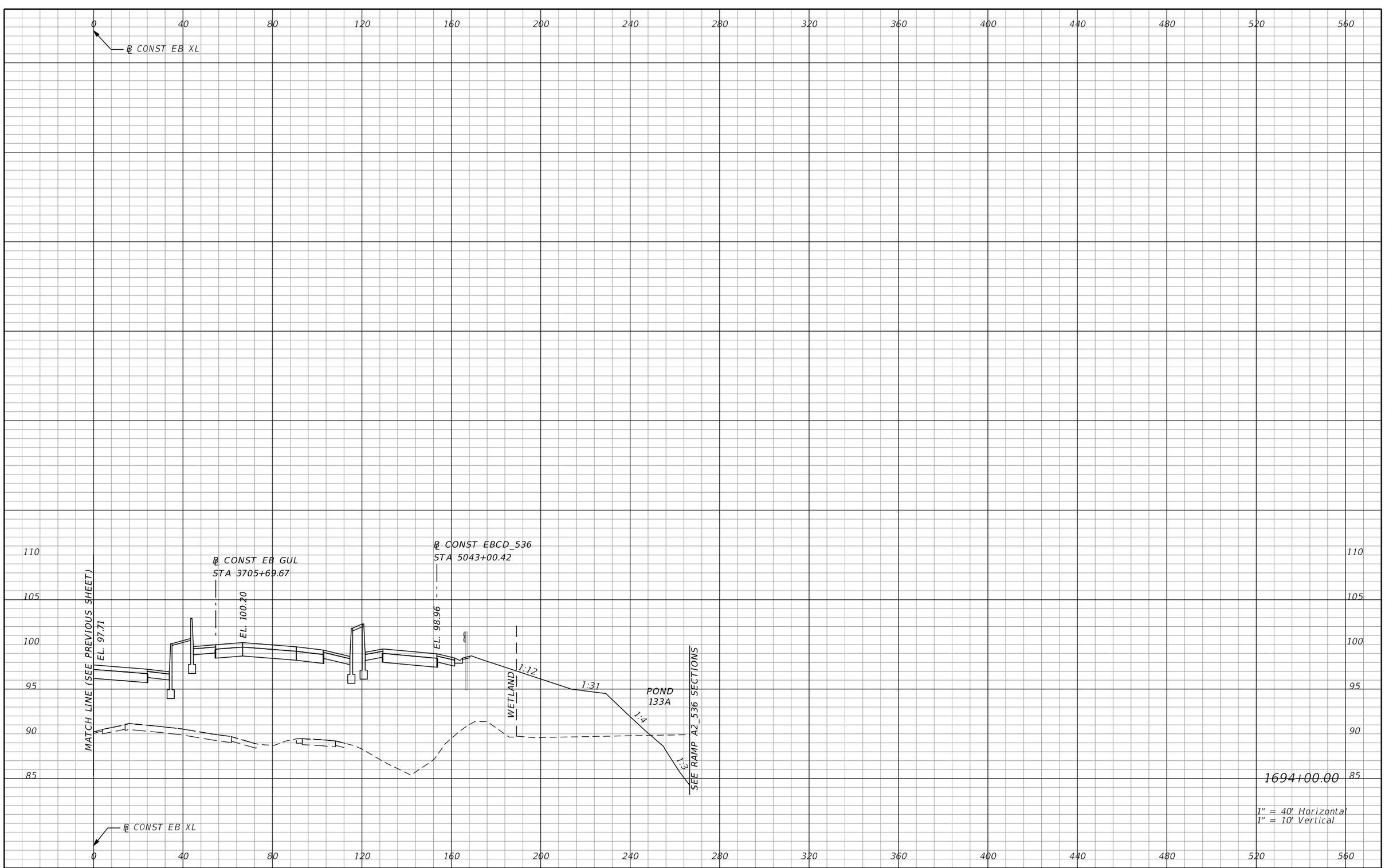
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 592

PRELIMINARY: NOT FOR CONSTRUCTION



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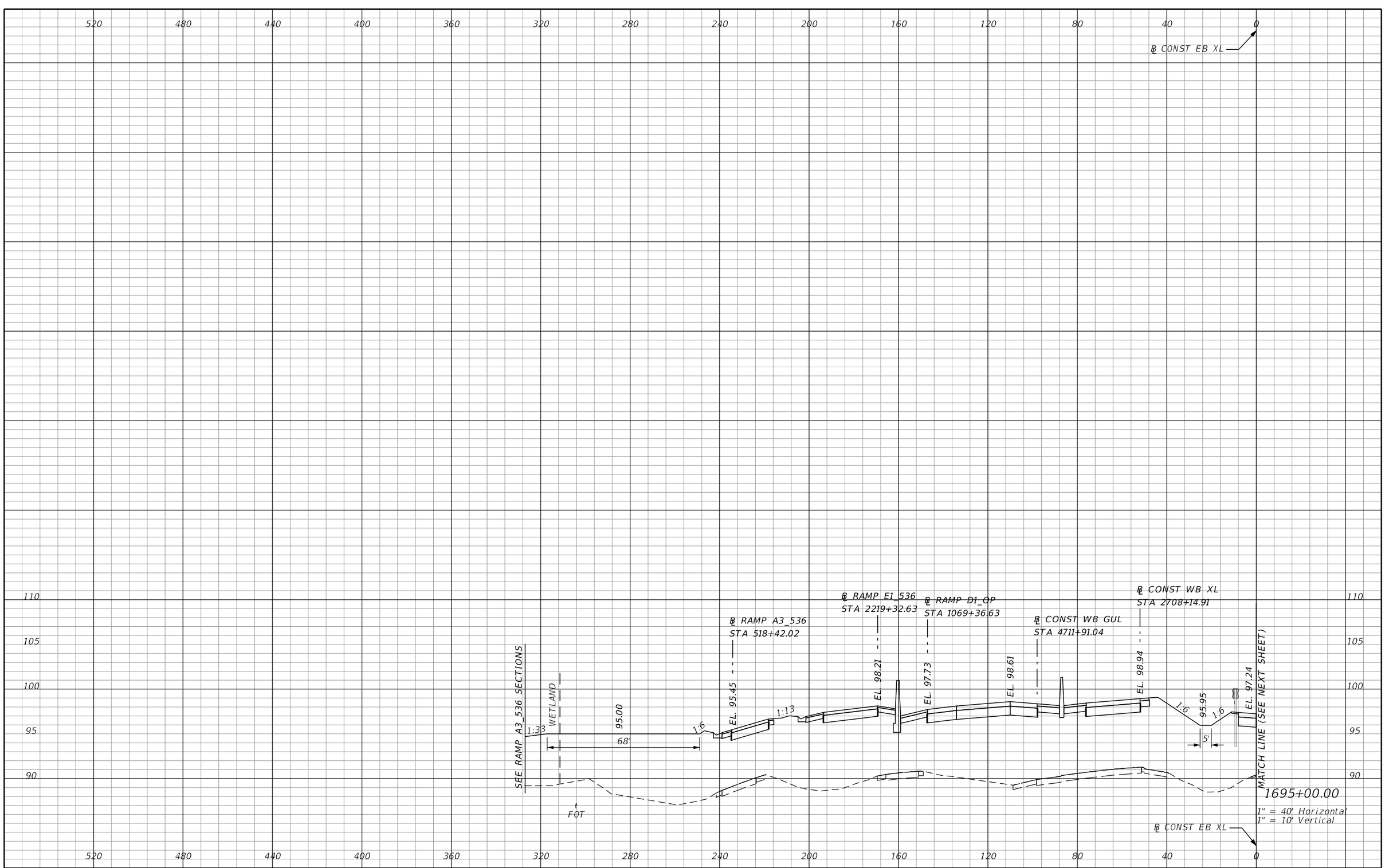
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 593

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 594

PRELIMINARY: NOT FOR CONSTRUCTION

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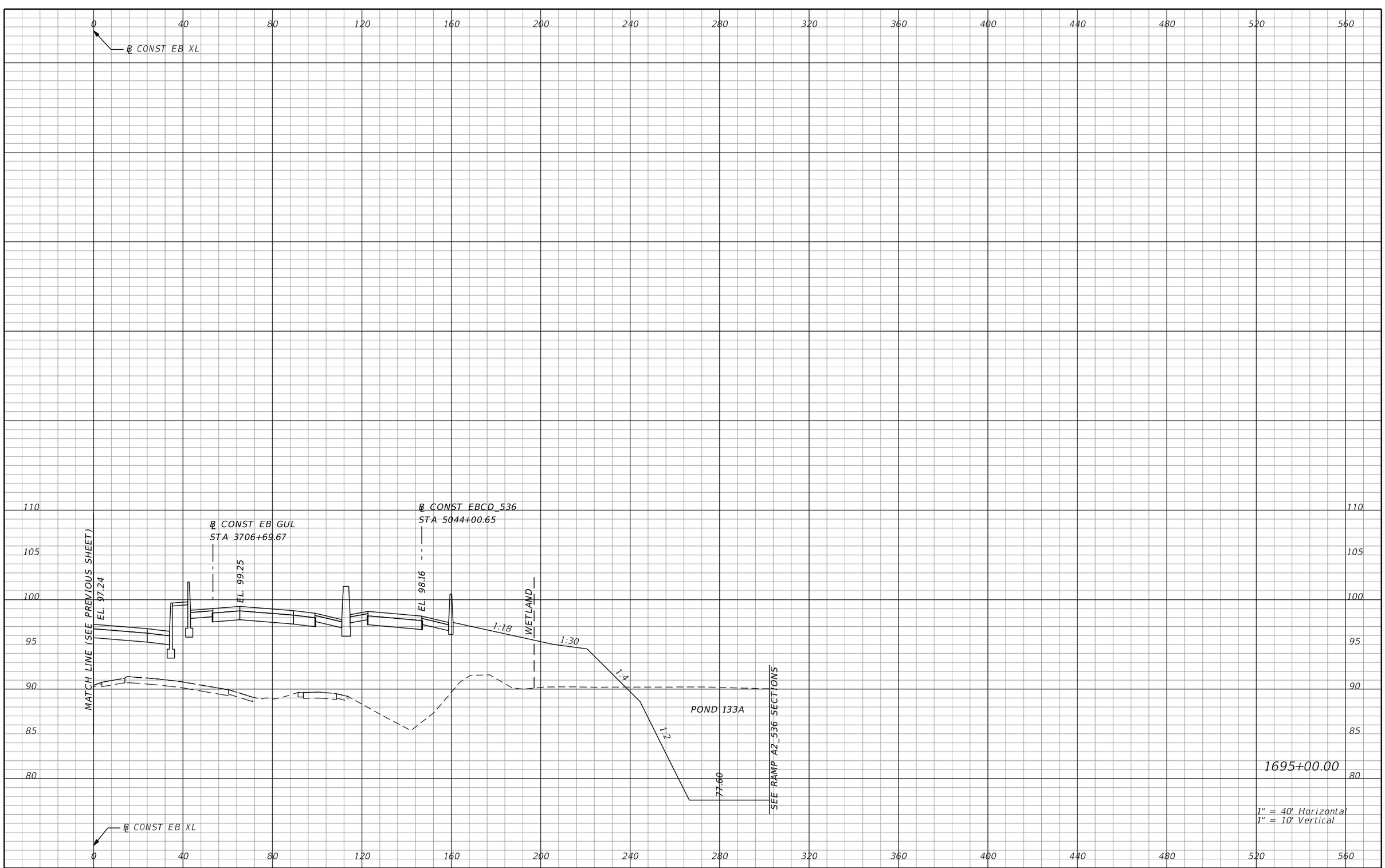

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 595

PRELIMINARY: NOT FOR CONSTRUCTION

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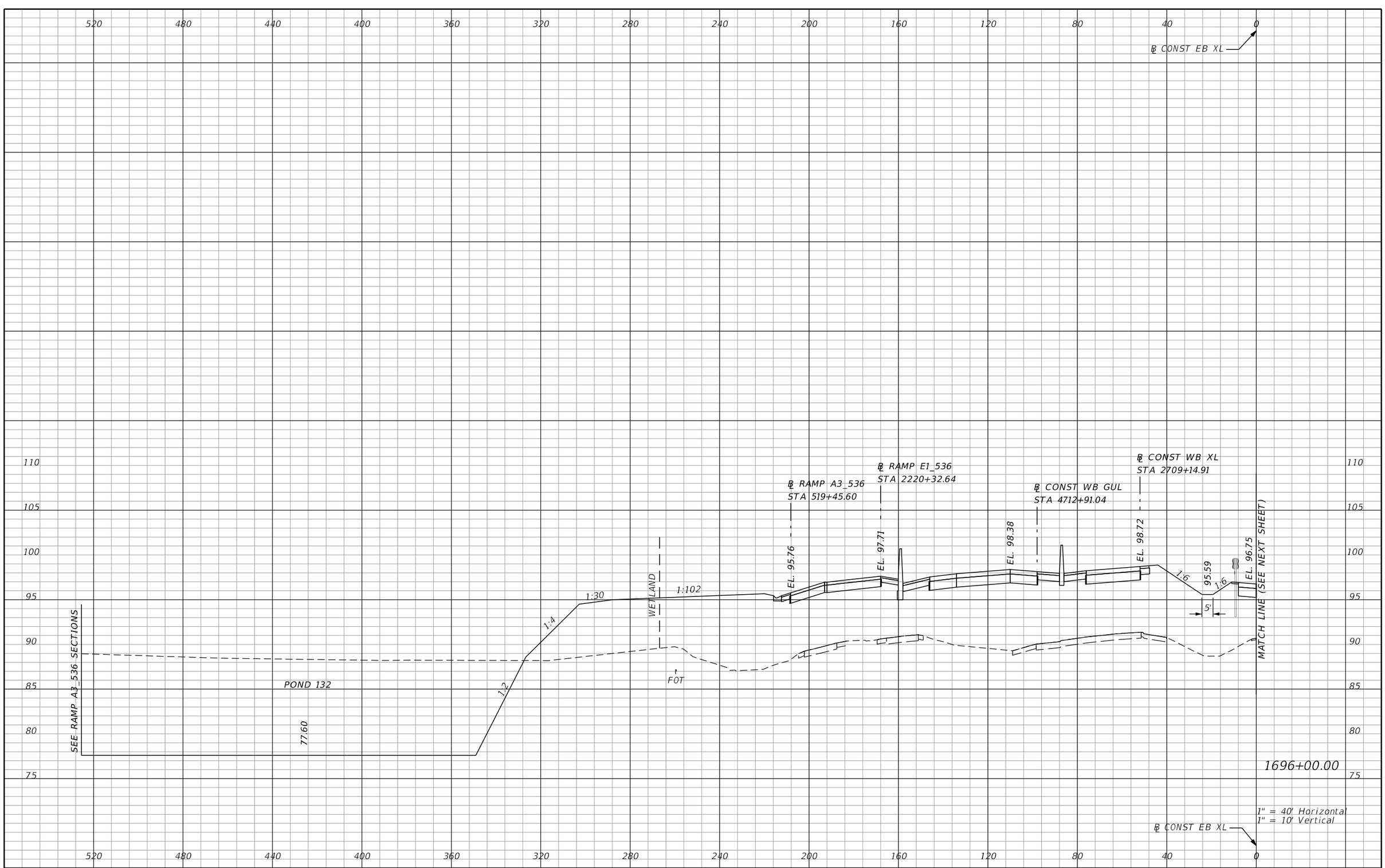

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 596

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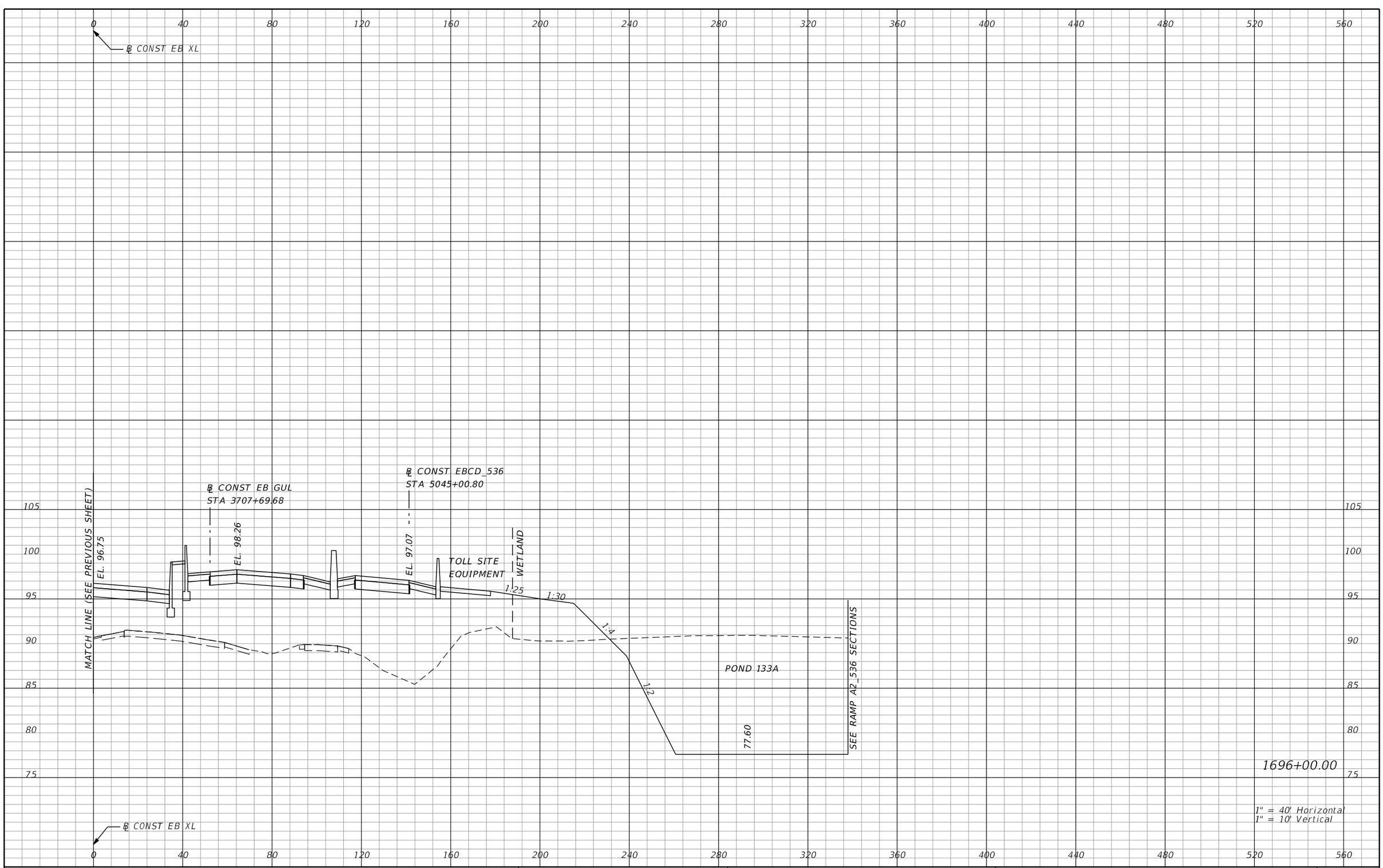

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 597

PRELIMINARY: NOT FOR CONSTRUCTION

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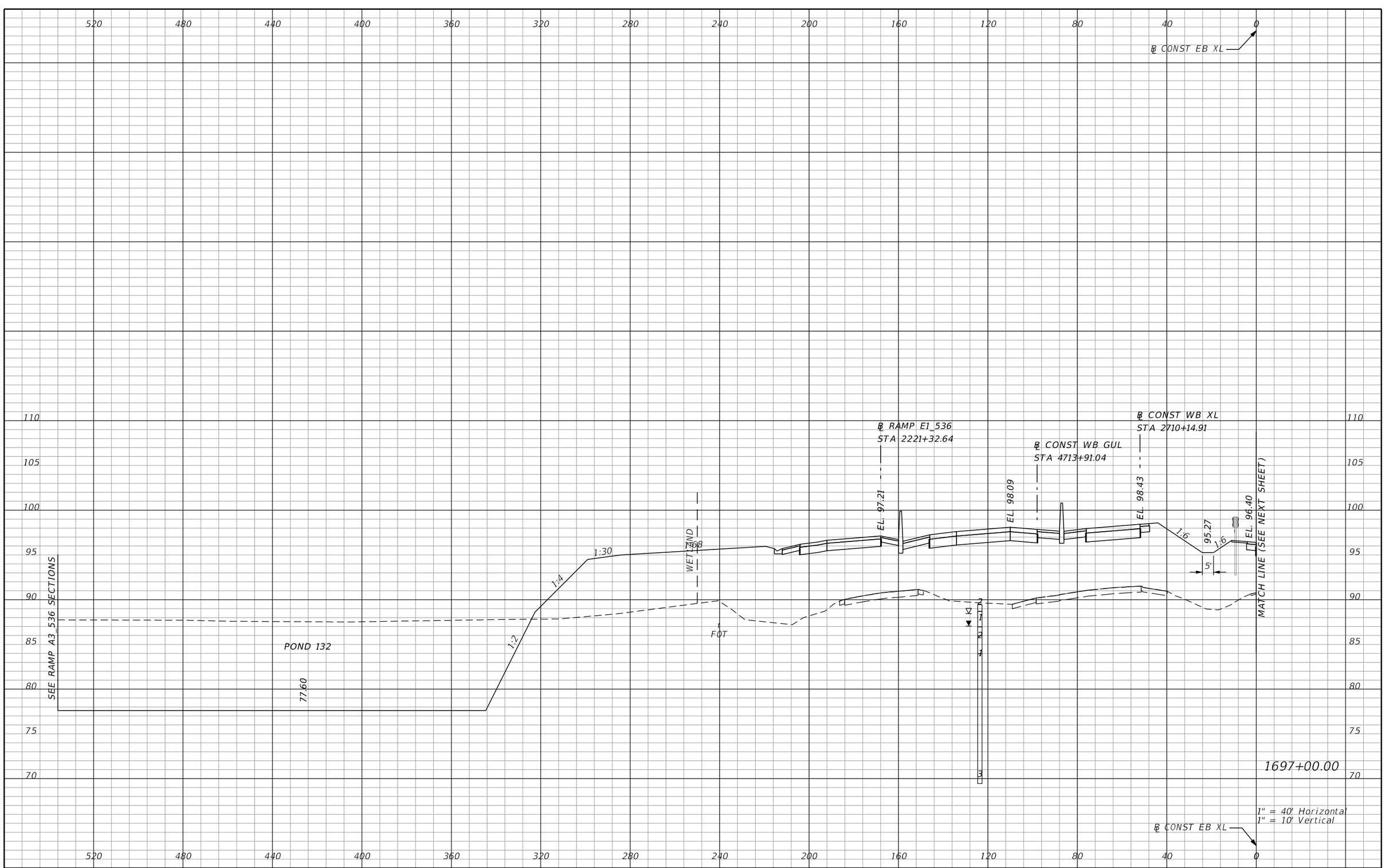

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SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 598

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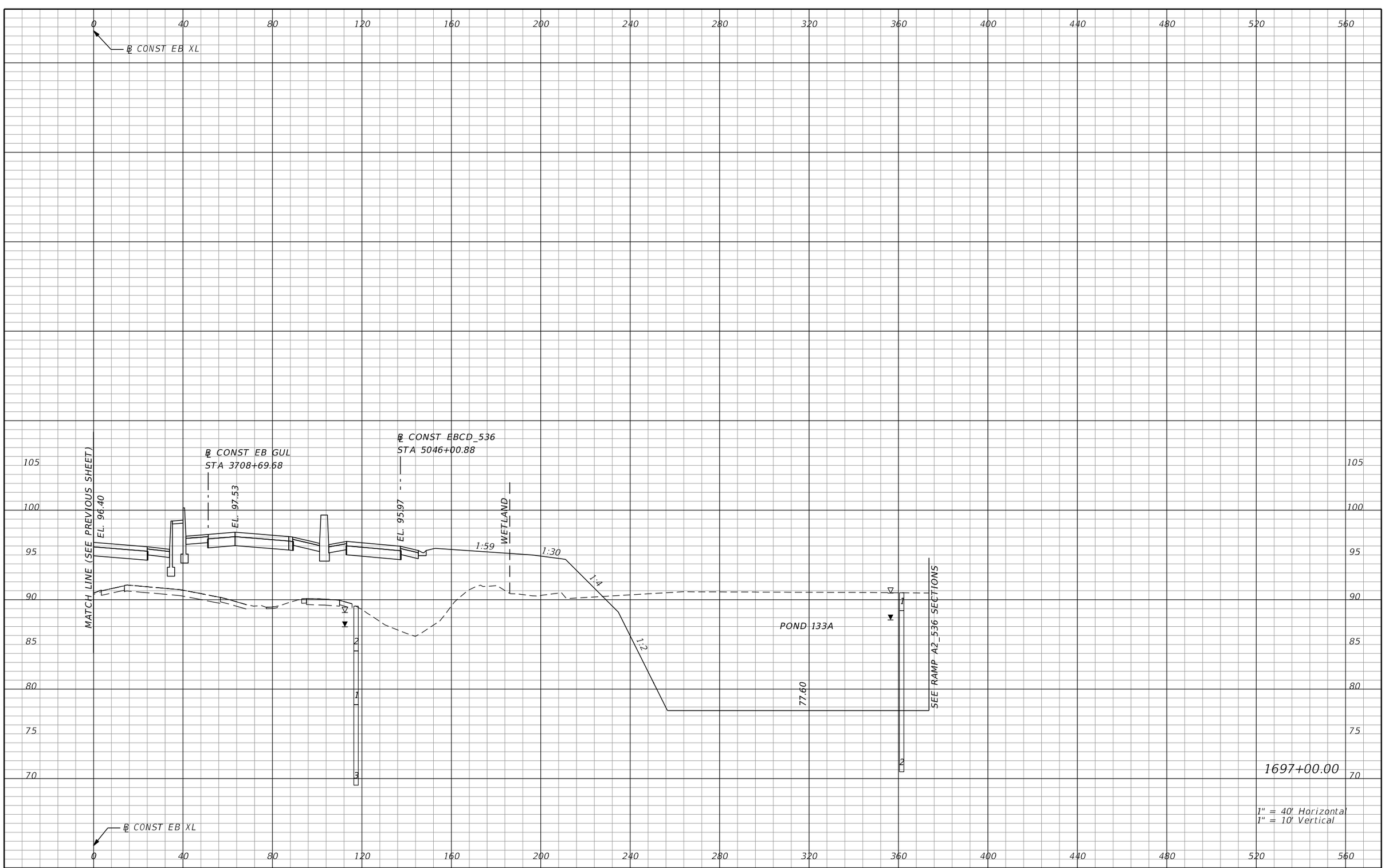

REVISIONS			
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AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
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T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

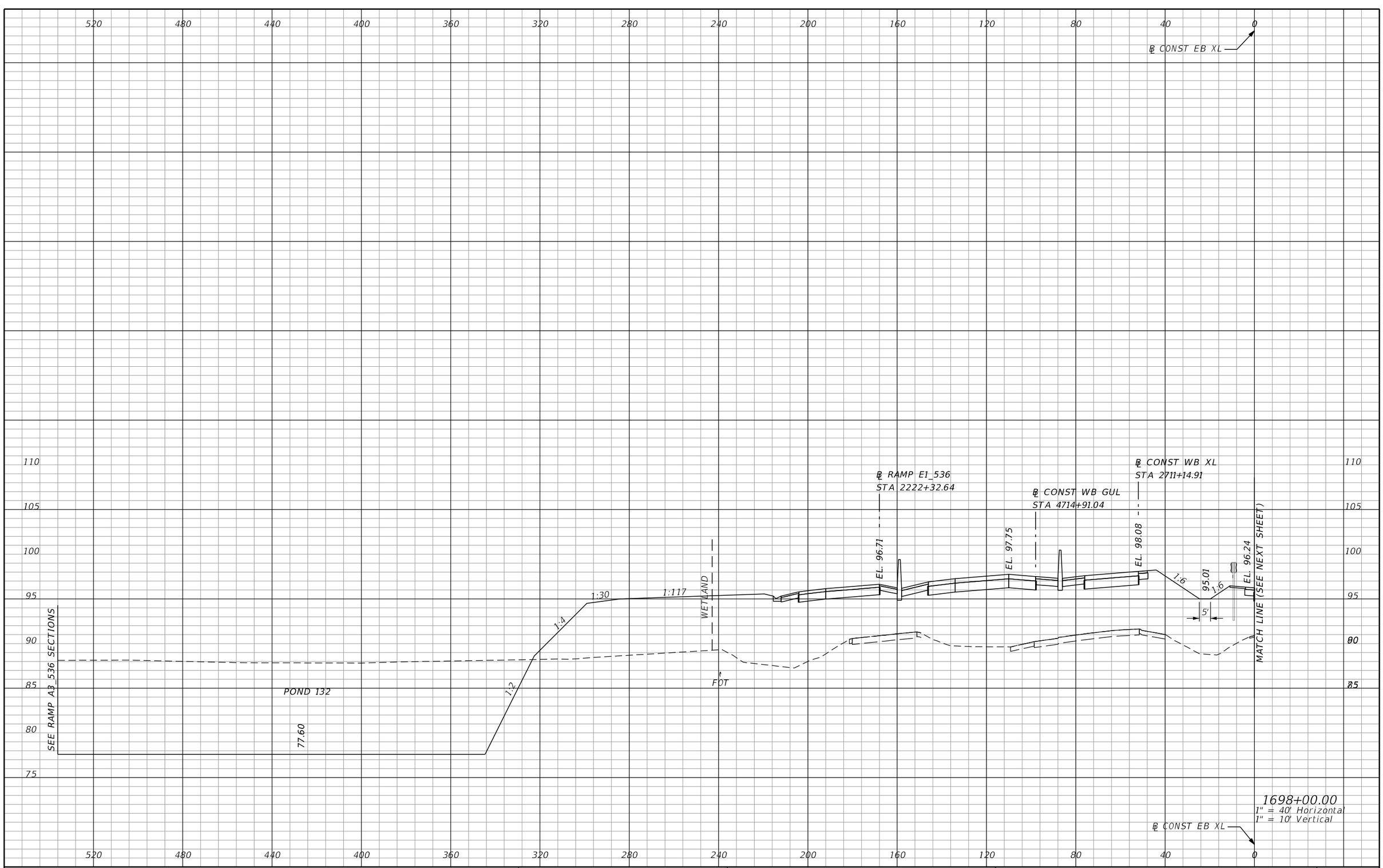
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 599

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
600

PRELIMINARY: NOT FOR CONSTRUCTION

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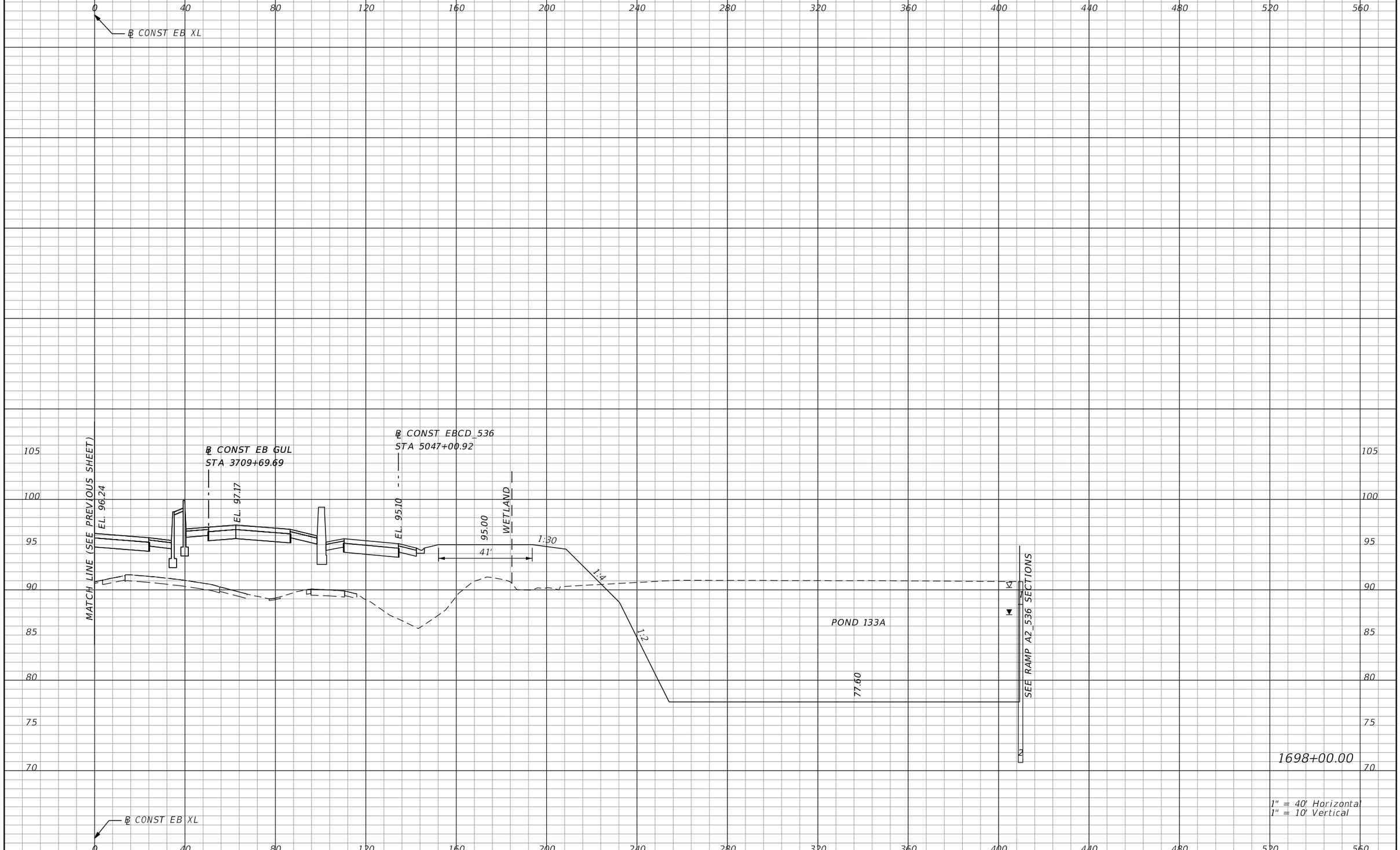

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 601

PRELIMINARY: NOT FOR CONSTRUCTION

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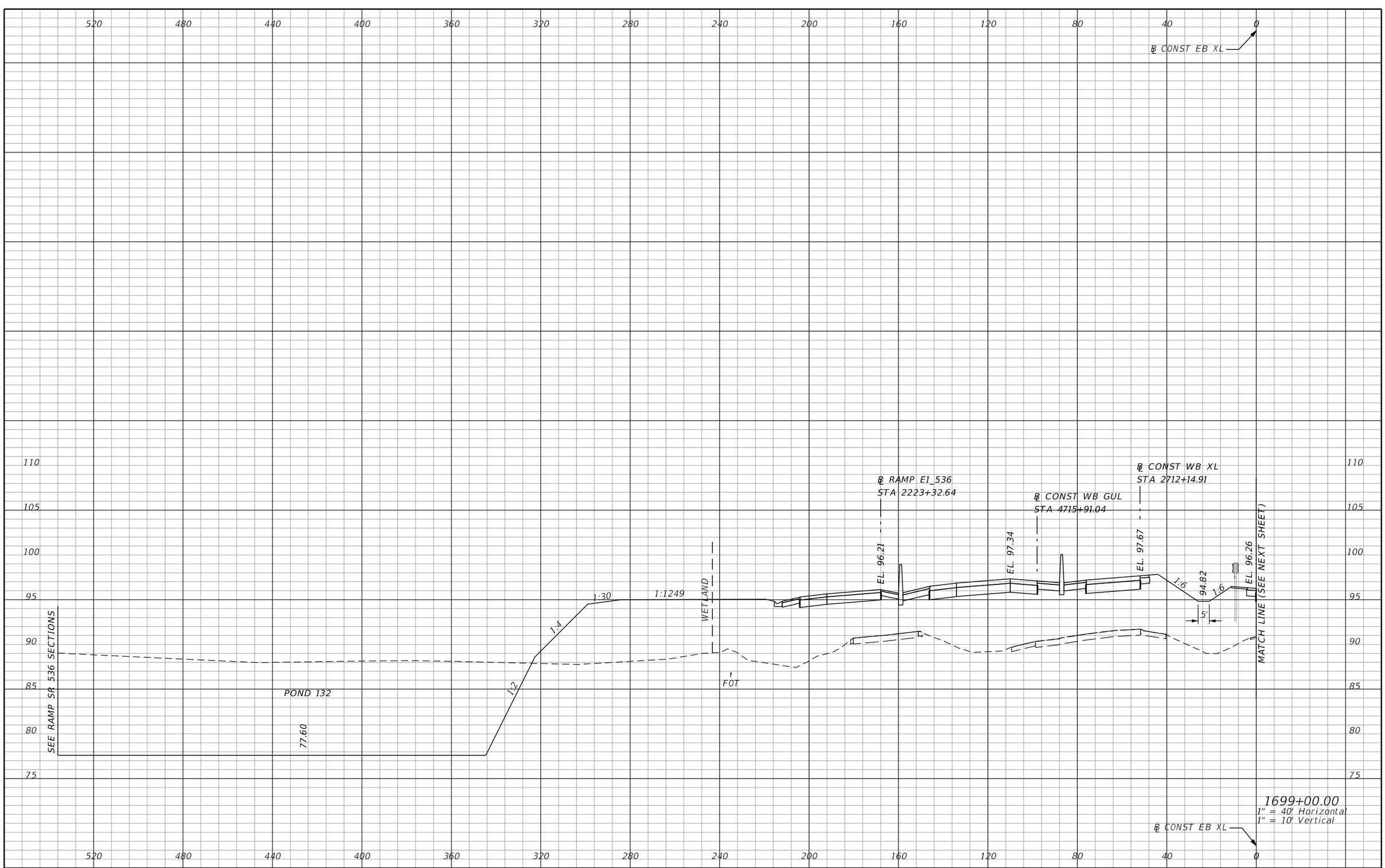

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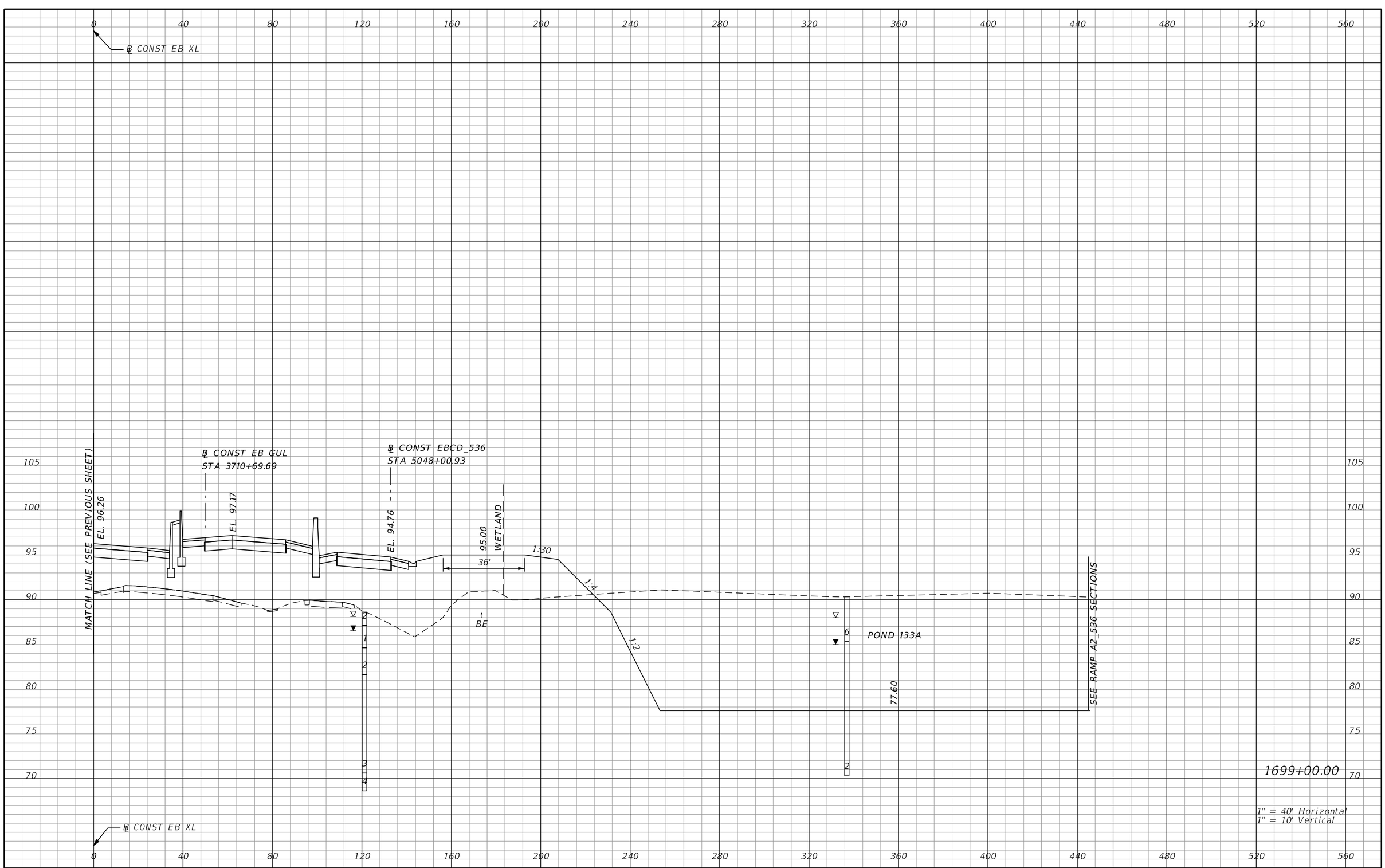
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 602

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 603

PRELIMINARY: NOT FOR CONSTRUCTION

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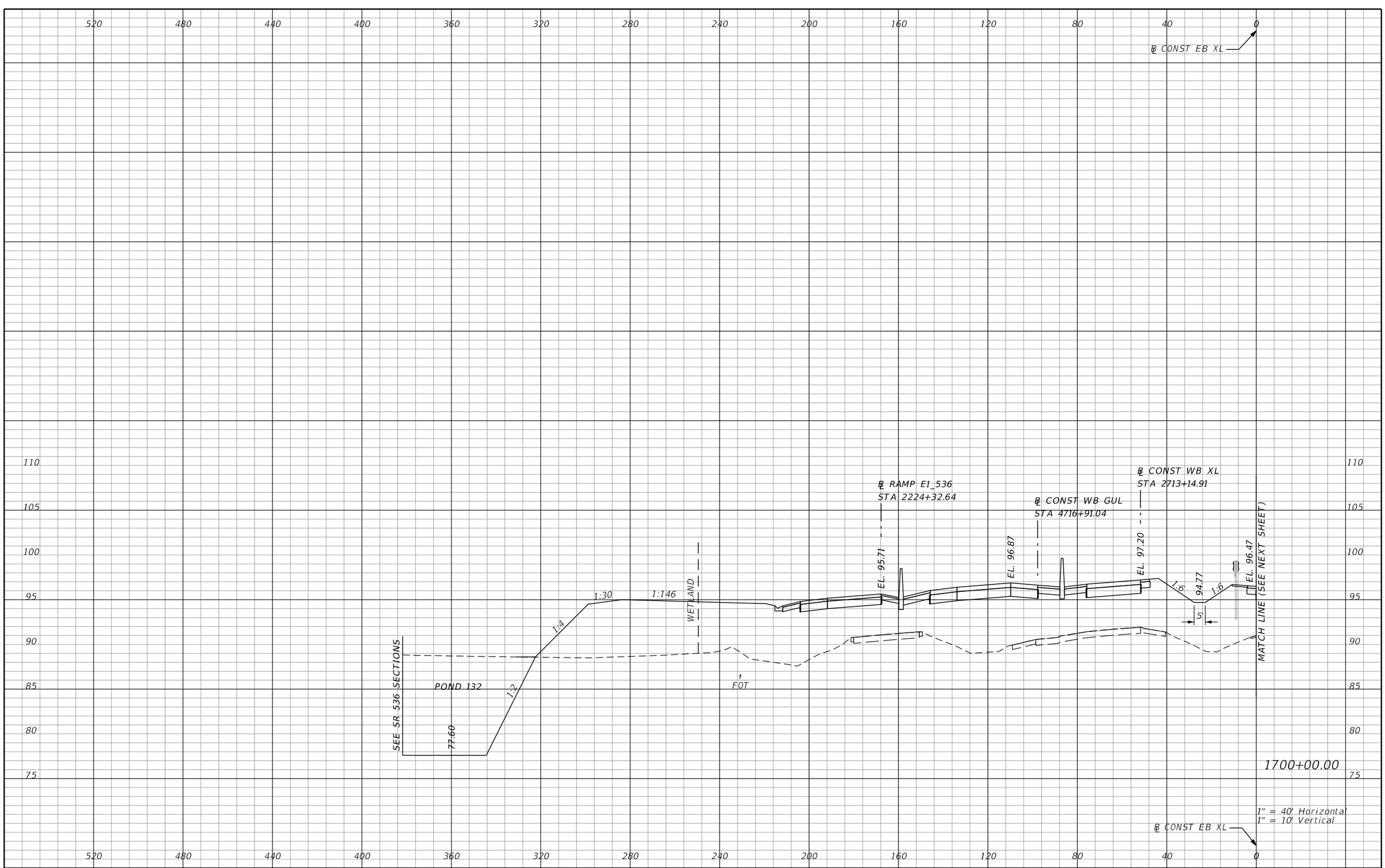

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 604

PRELIMINARY: NOT FOR CONSTRUCTION

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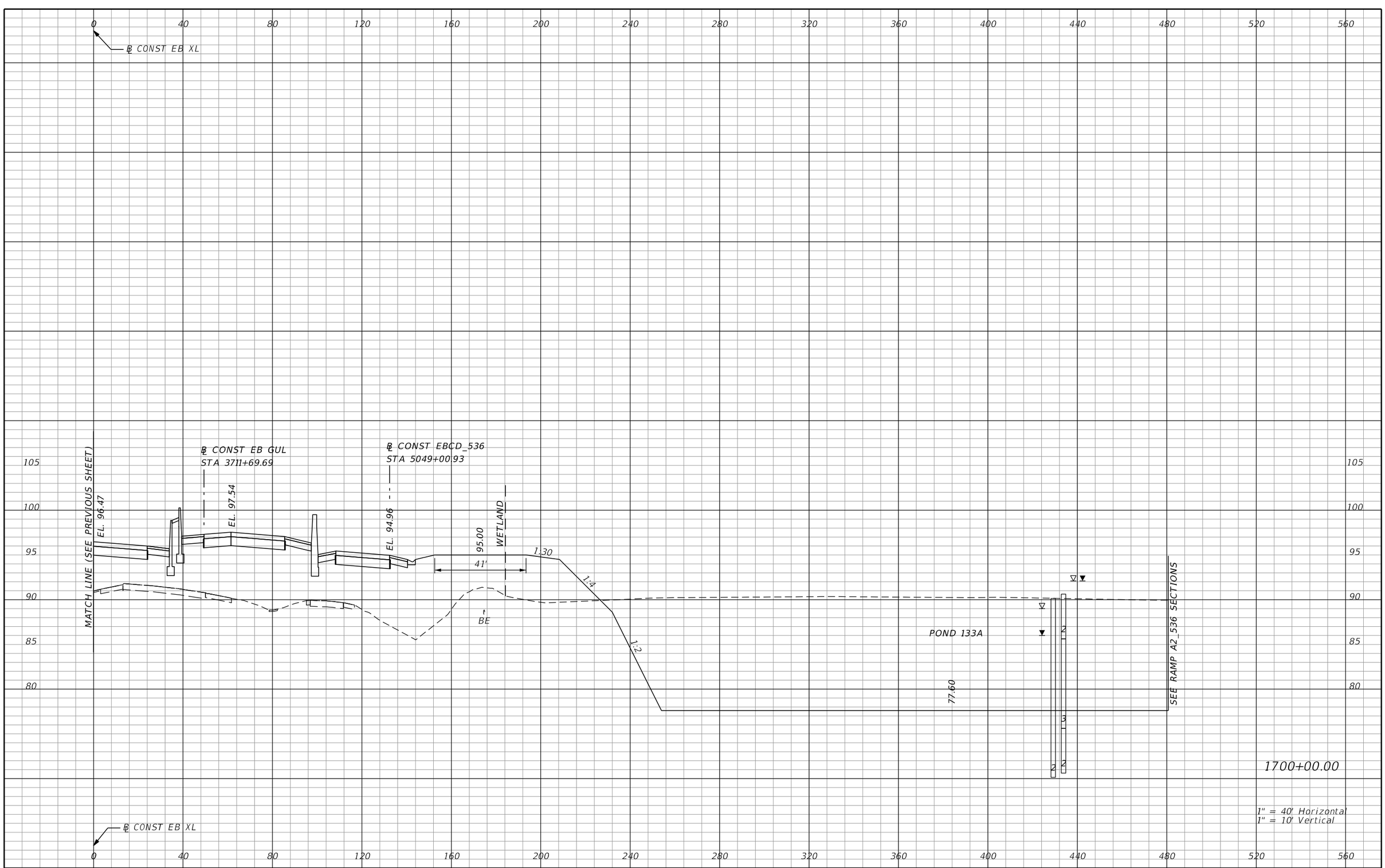

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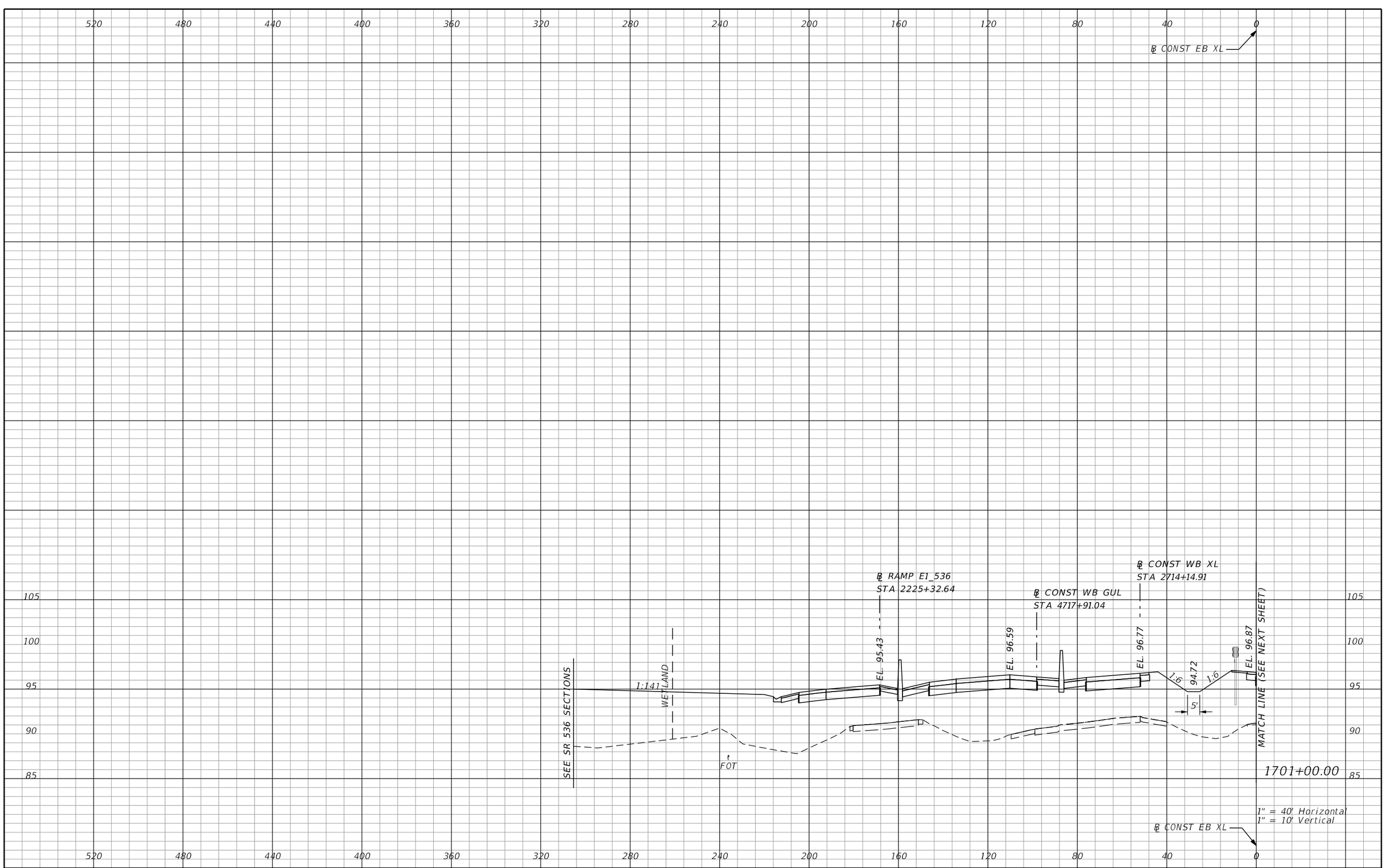
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 605

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 606

PRELIMINARY: NOT FOR CONSTRUCTION

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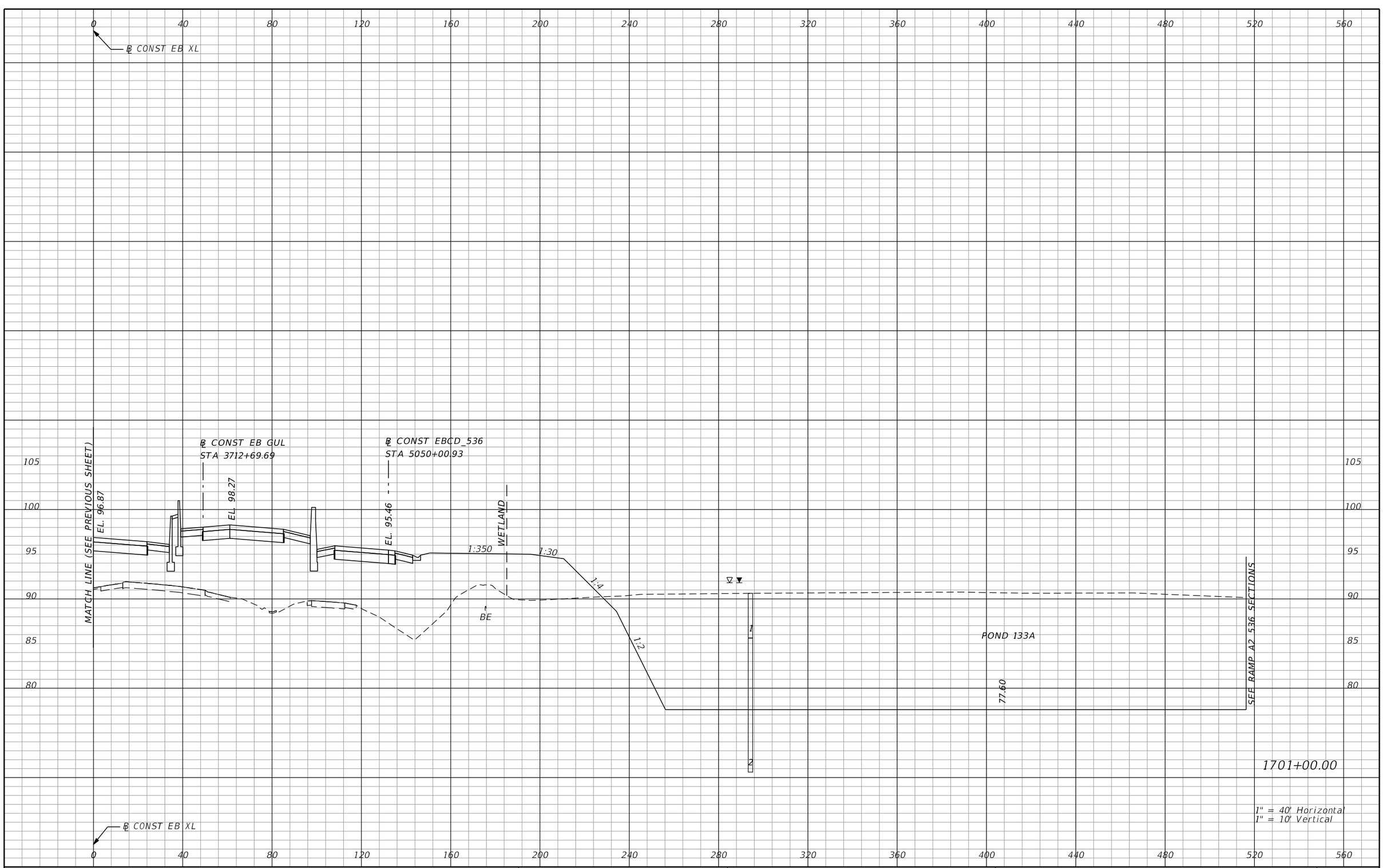

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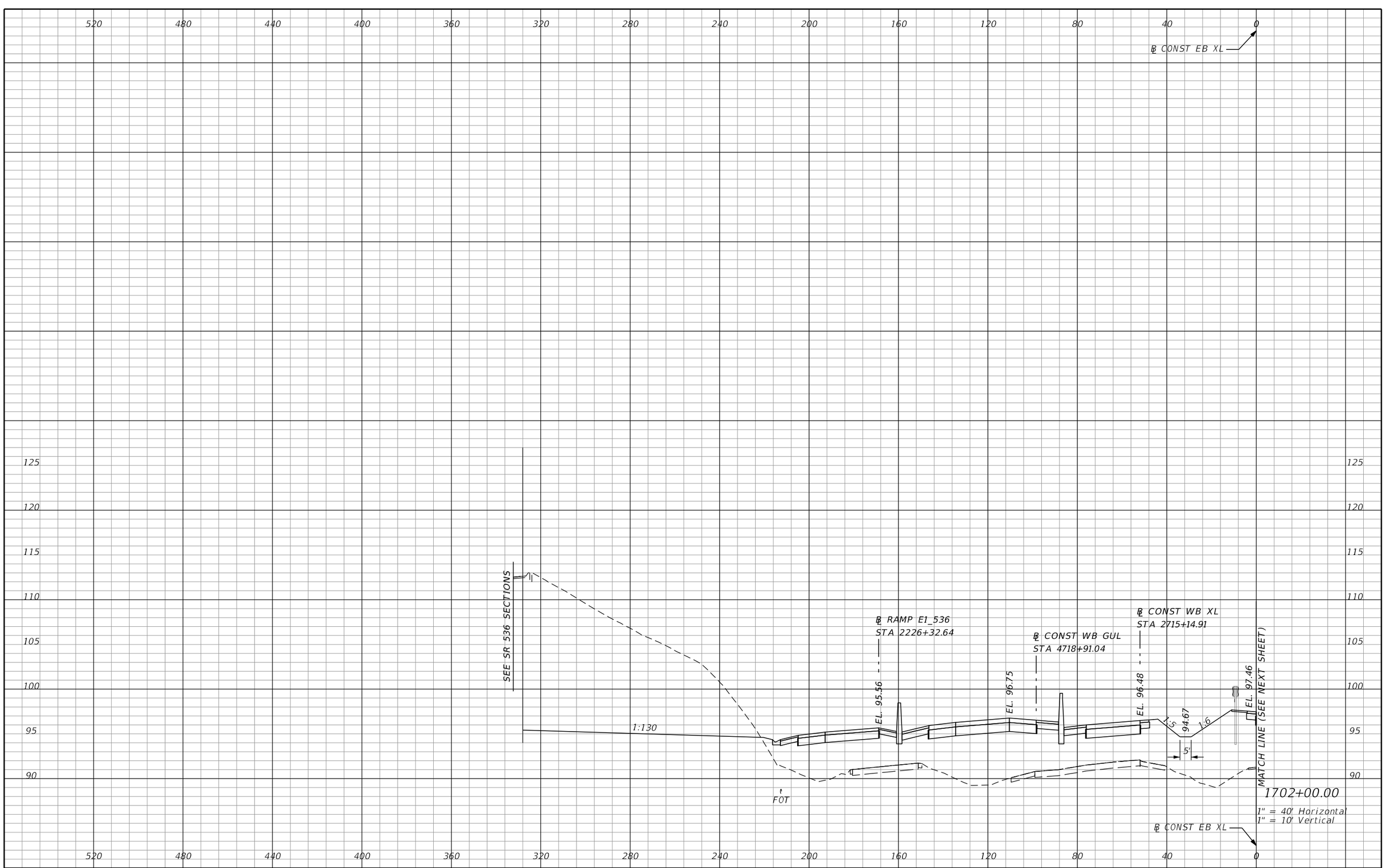
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 607

PRELIMINARY: NOT FOR CONSTRUCTION



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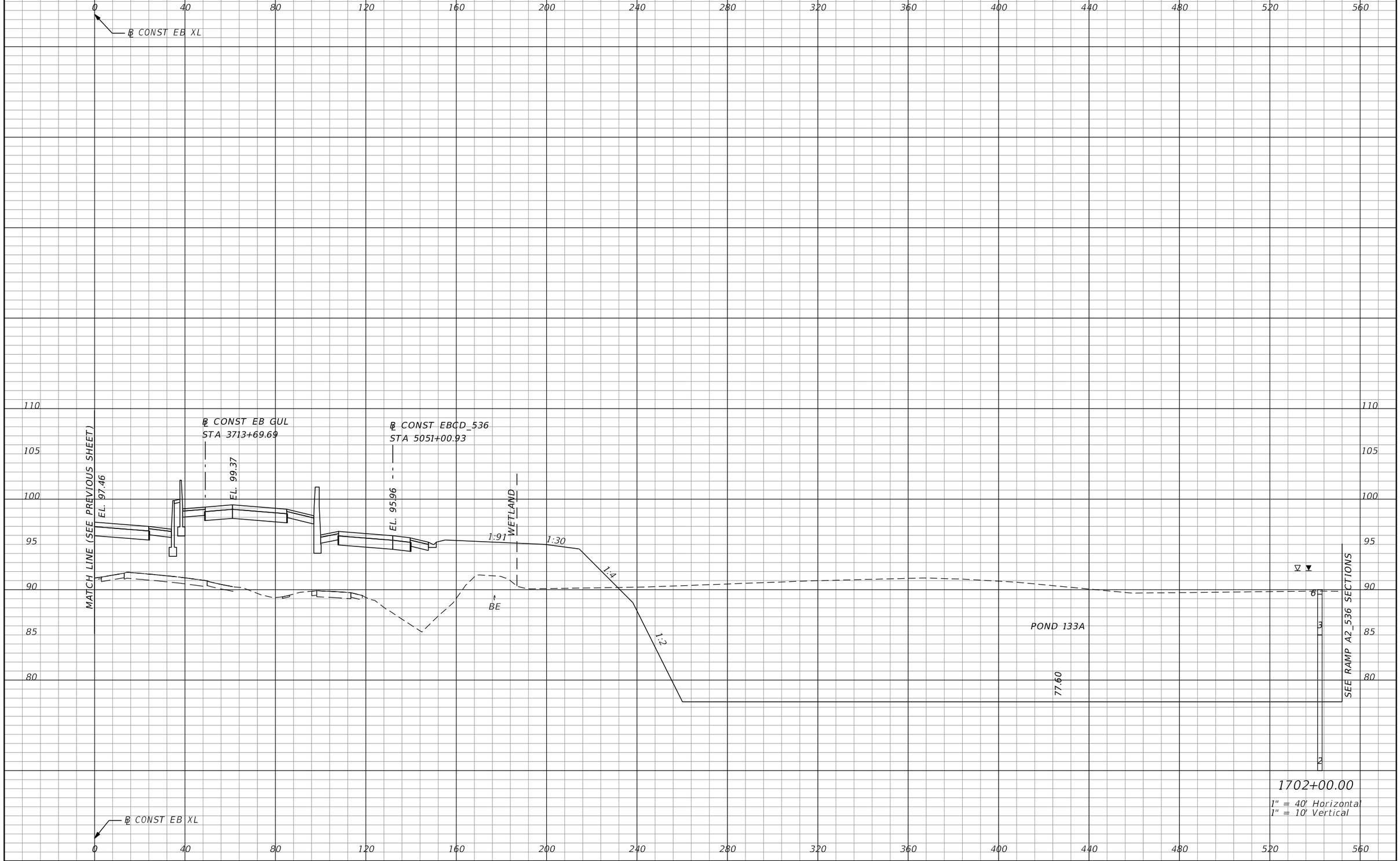
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 608

PRELIMINARY: NOT FOR CONSTRUCTION



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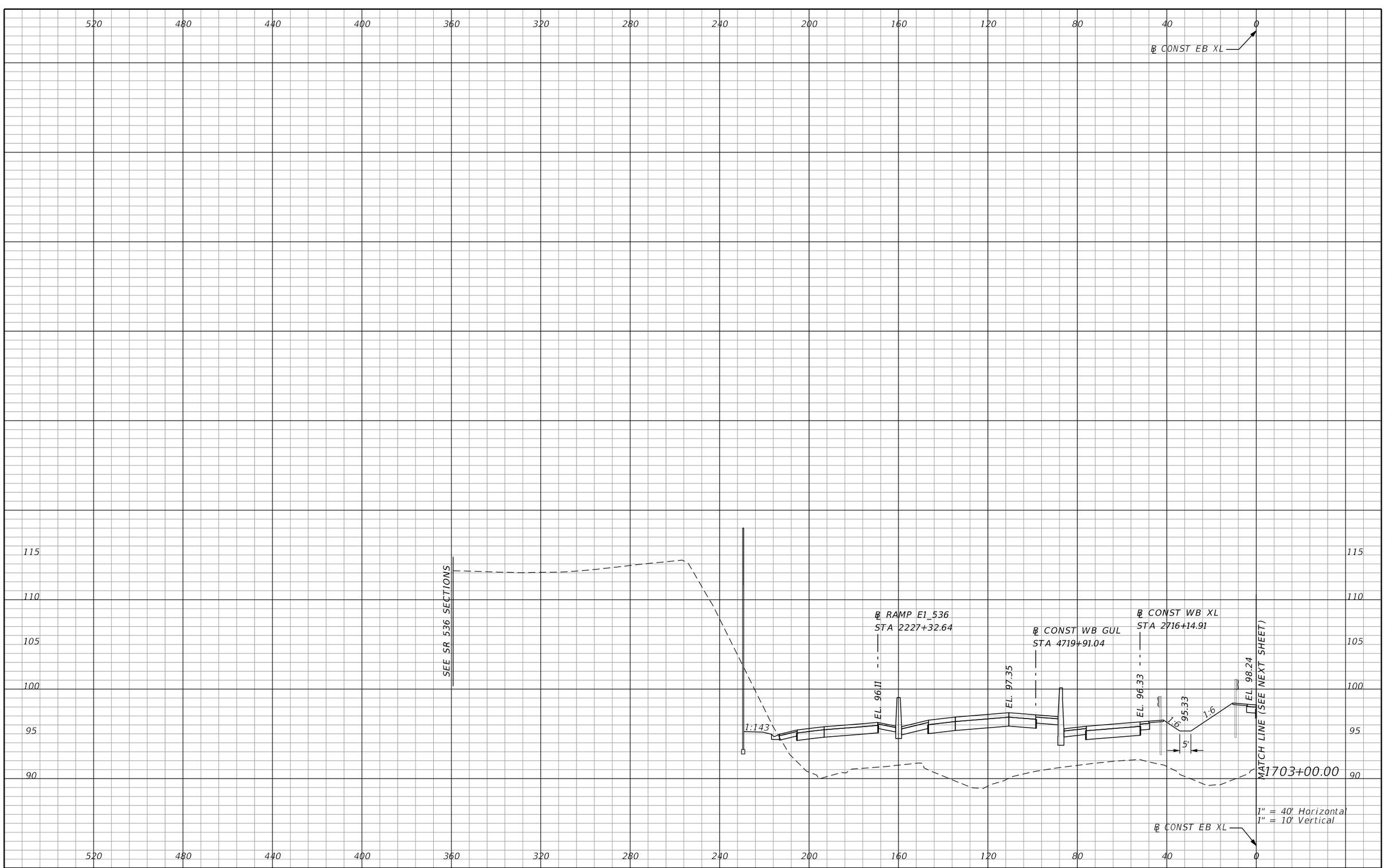
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 609

PRELIMINARY: NOT FOR CONSTRUCTION



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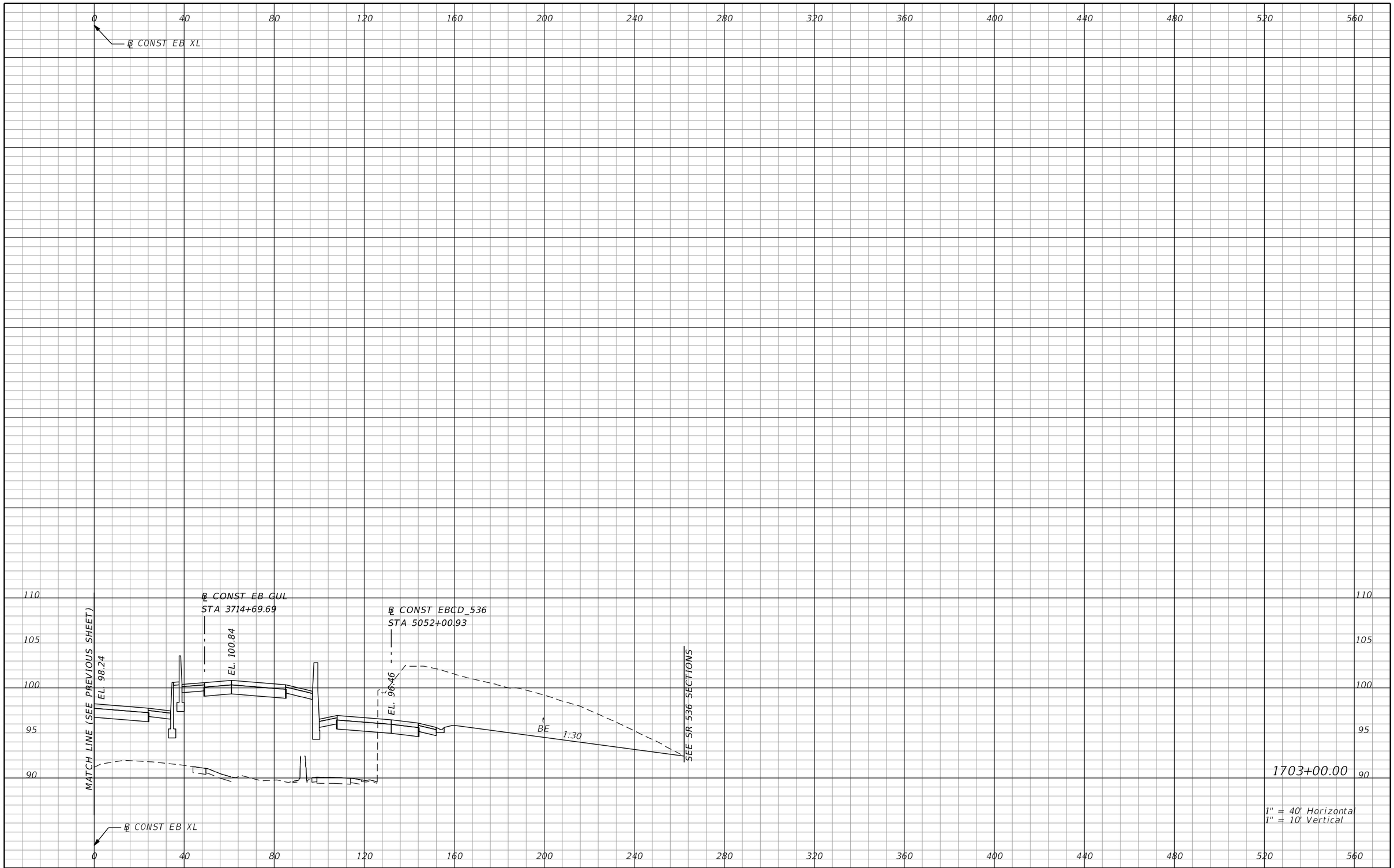
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 610

PRELIMINARY: NOT FOR CONSTRUCTION



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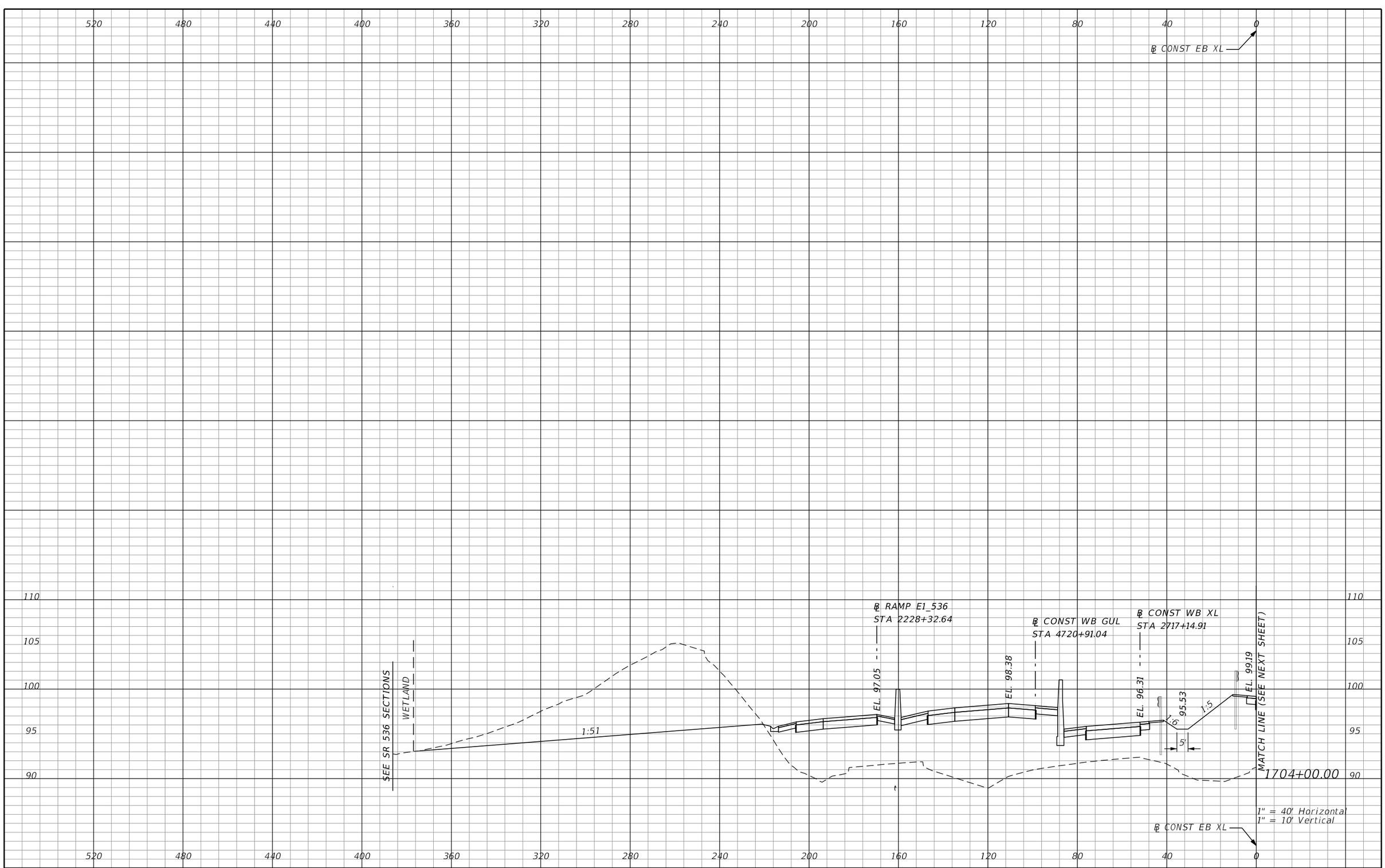
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 611

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 612

PRELIMINARY: NOT FOR CONSTRUCTION

℄ CONST EB XL

℄ CONST EB GUL
STA 3715+69.69

EL. 102.67

EL. 99.19

MATCH LINE (SEE PREVIOUS SHEET)

℄ CONST EBCD_536
STA 5053+00.93

EL. 96.96

1:717

BE

SEE SR 536 SECTIONS

1704+00.00

1" = 40' Horizontal
1" = 10' Vertical

℄ CONST EB XL

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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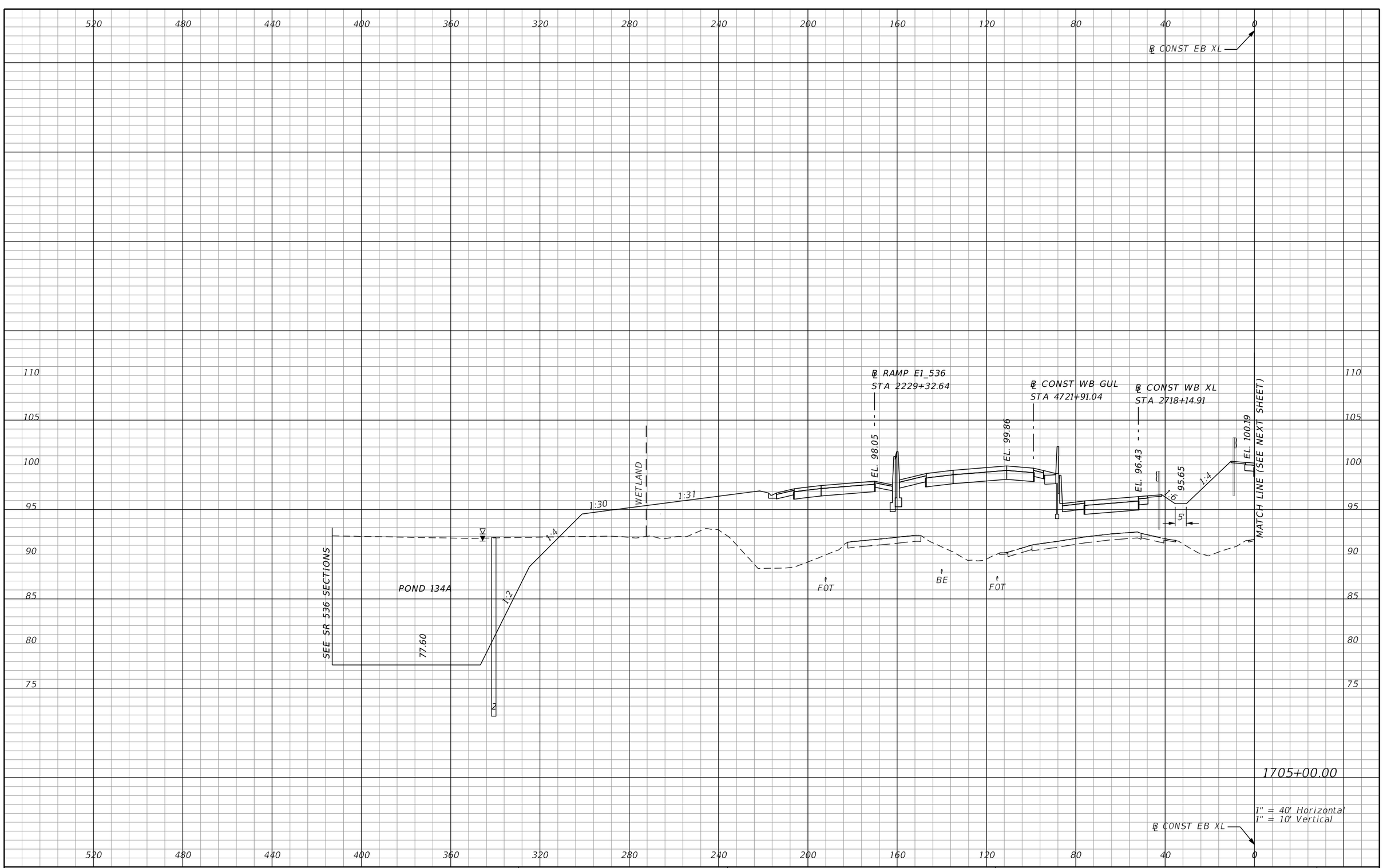
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 613



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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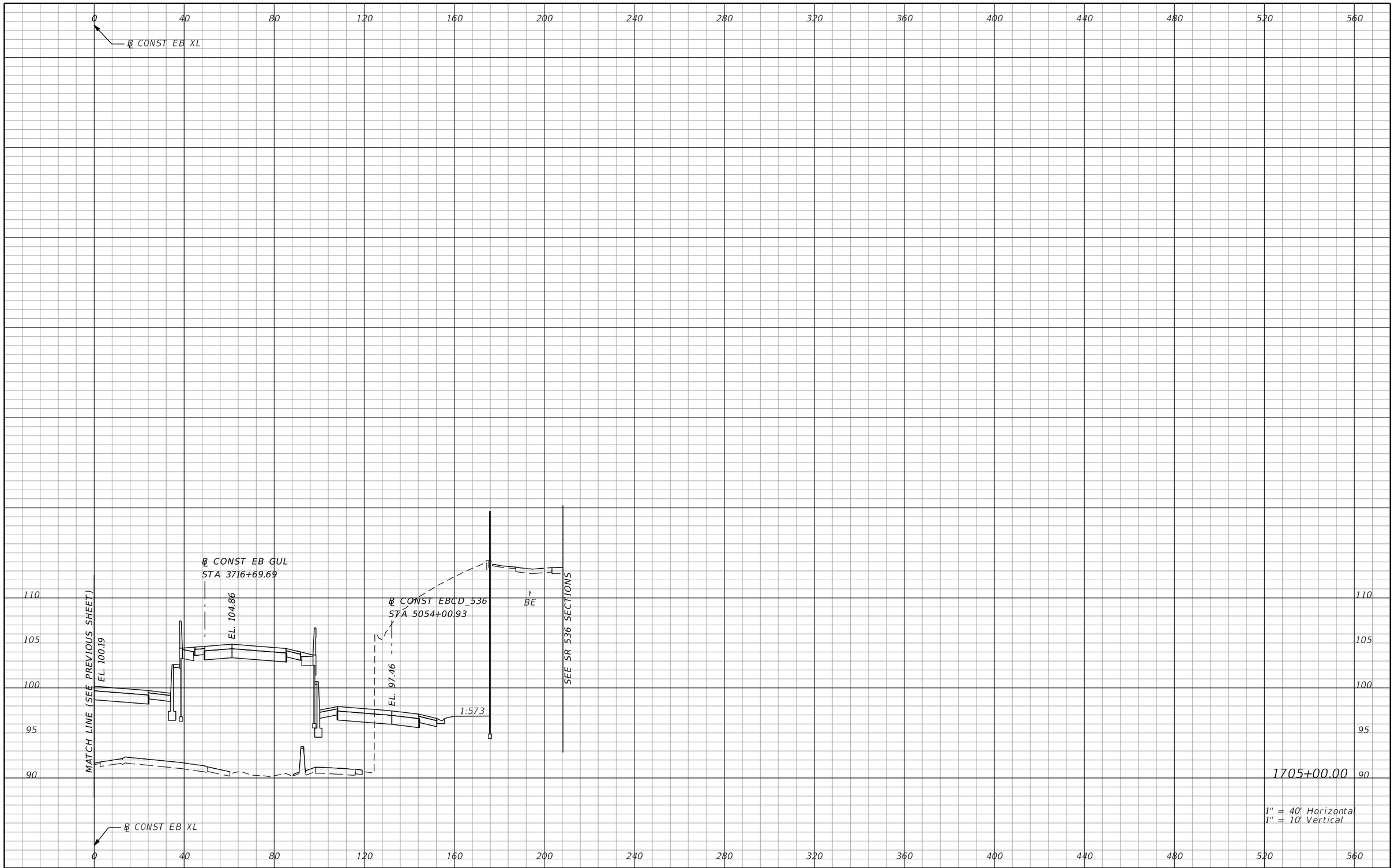
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
614

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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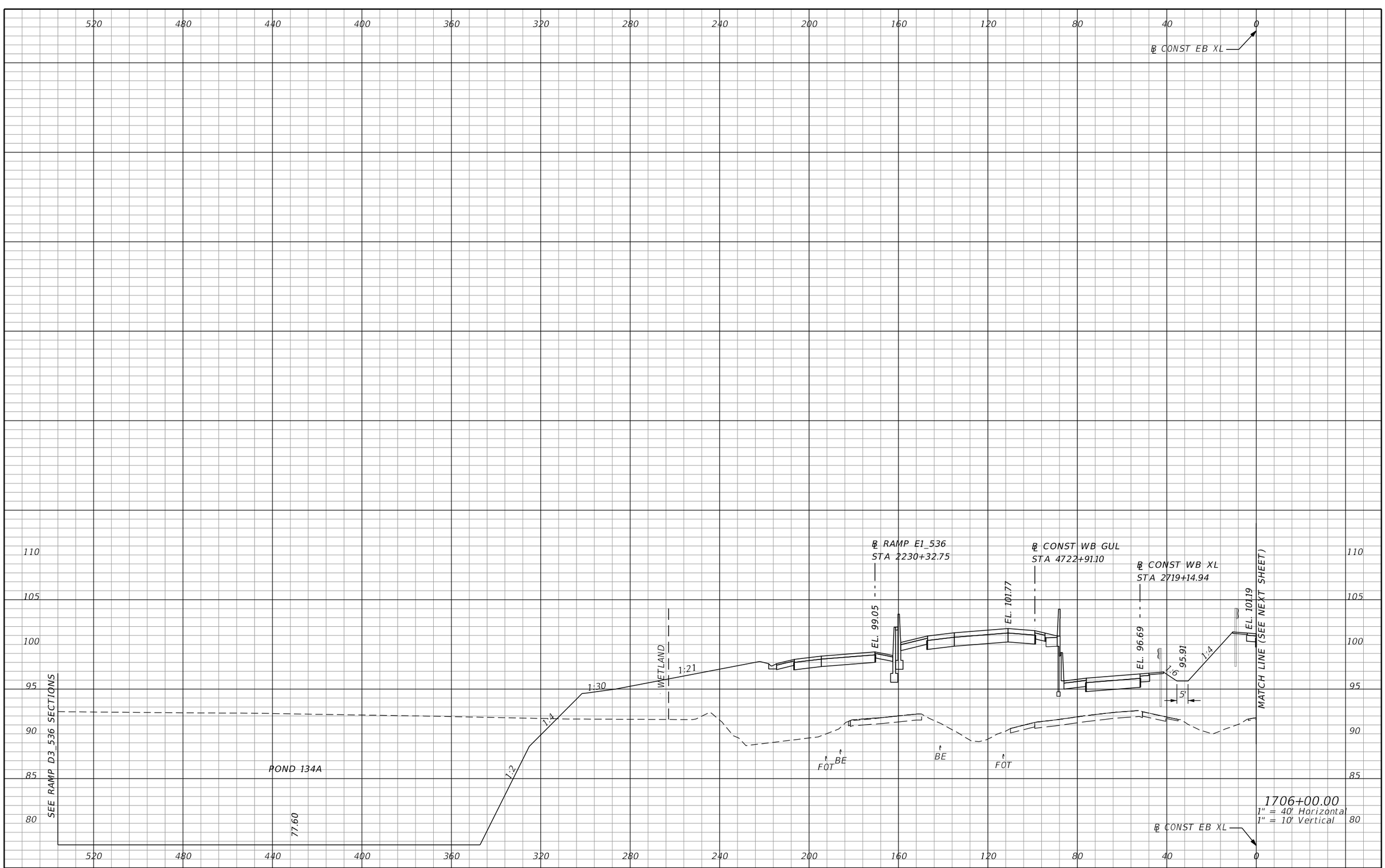
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 615

PRELIMINARY: NOT FOR CONSTRUCTION



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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 616

PRELIMINARY: NOT FOR CONSTRUCTION

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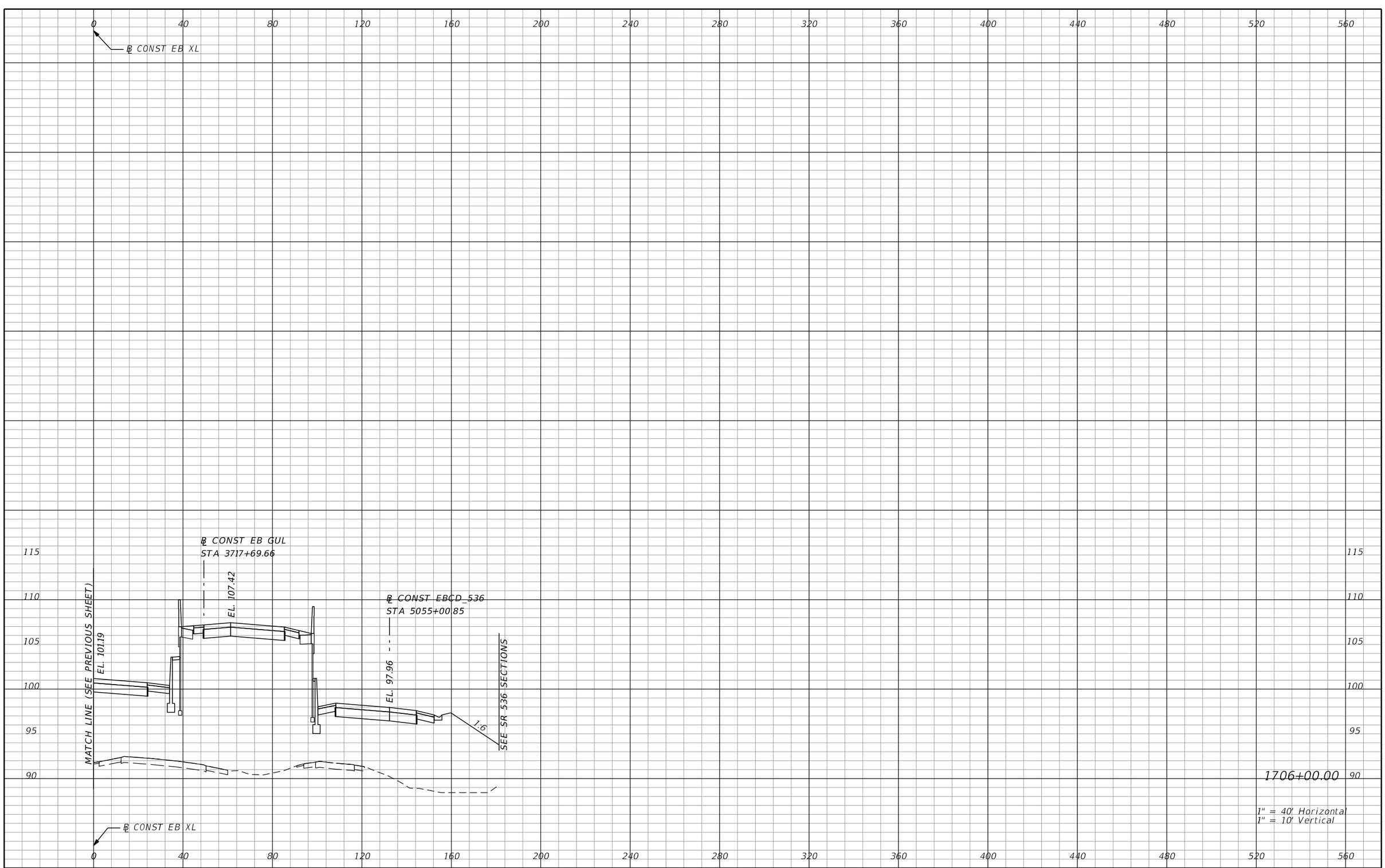

REVISIONS			
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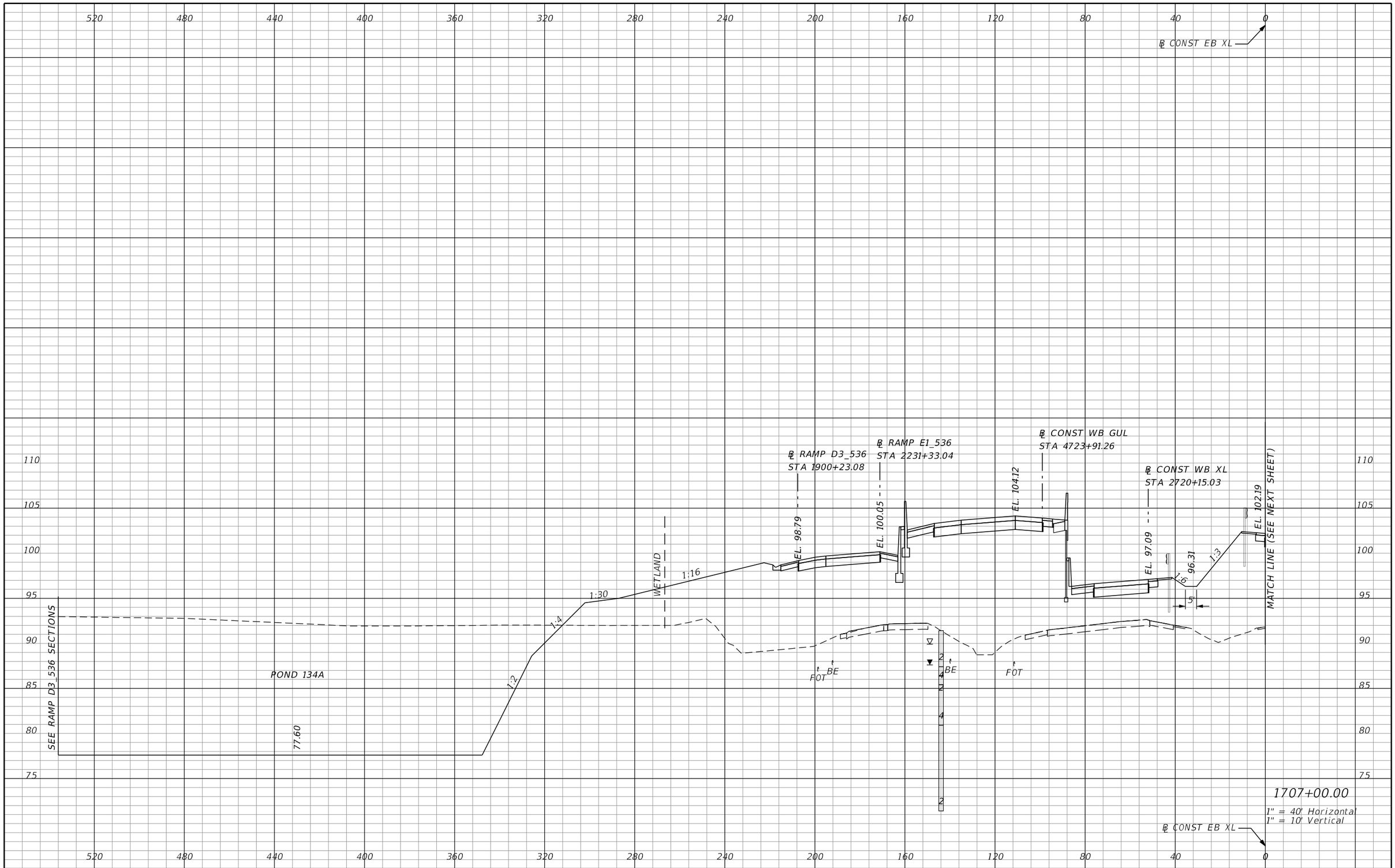
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 617

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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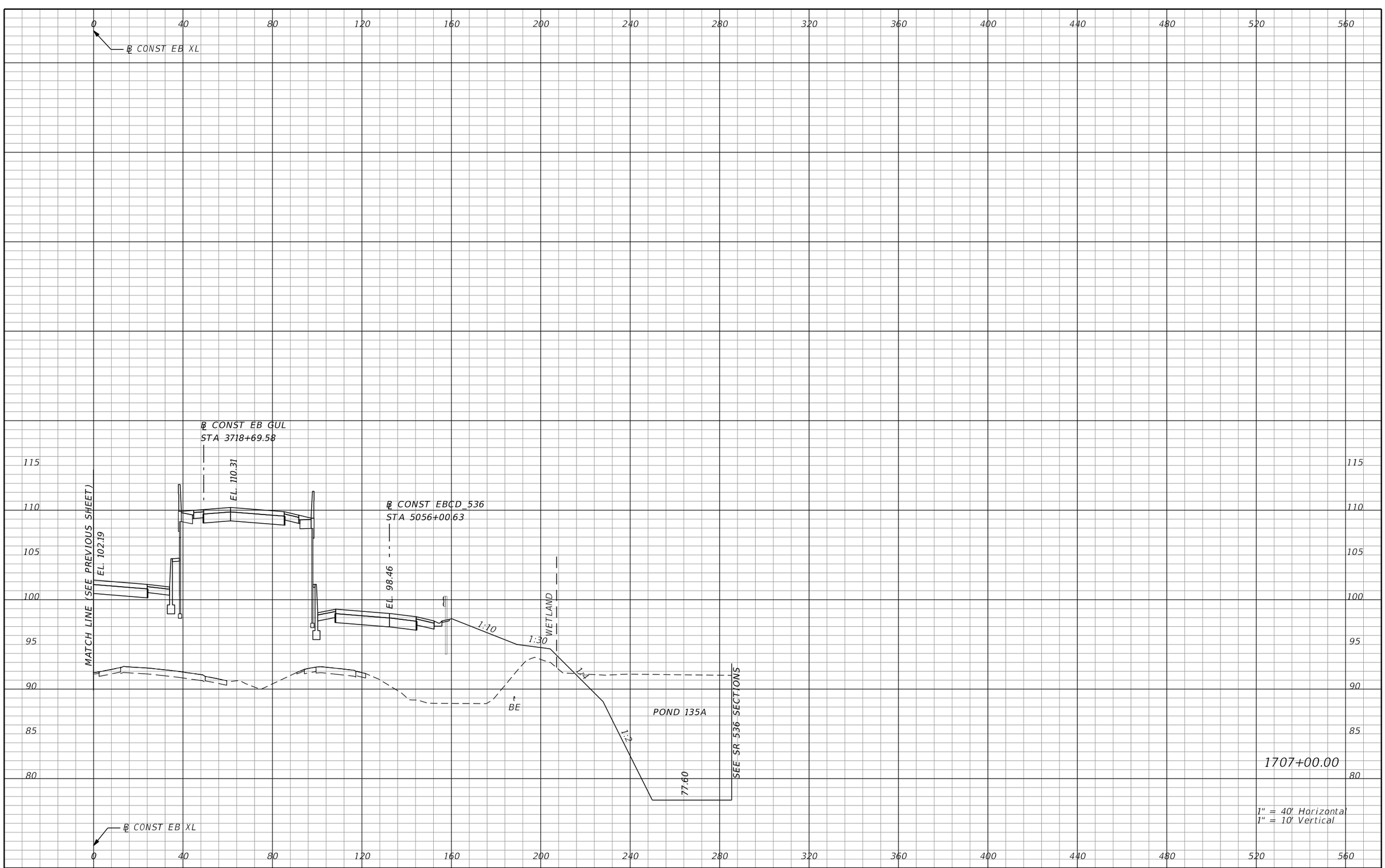
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 618

PRELIMINARY: NOT FOR CONSTRUCTION



1707+00.00

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 619

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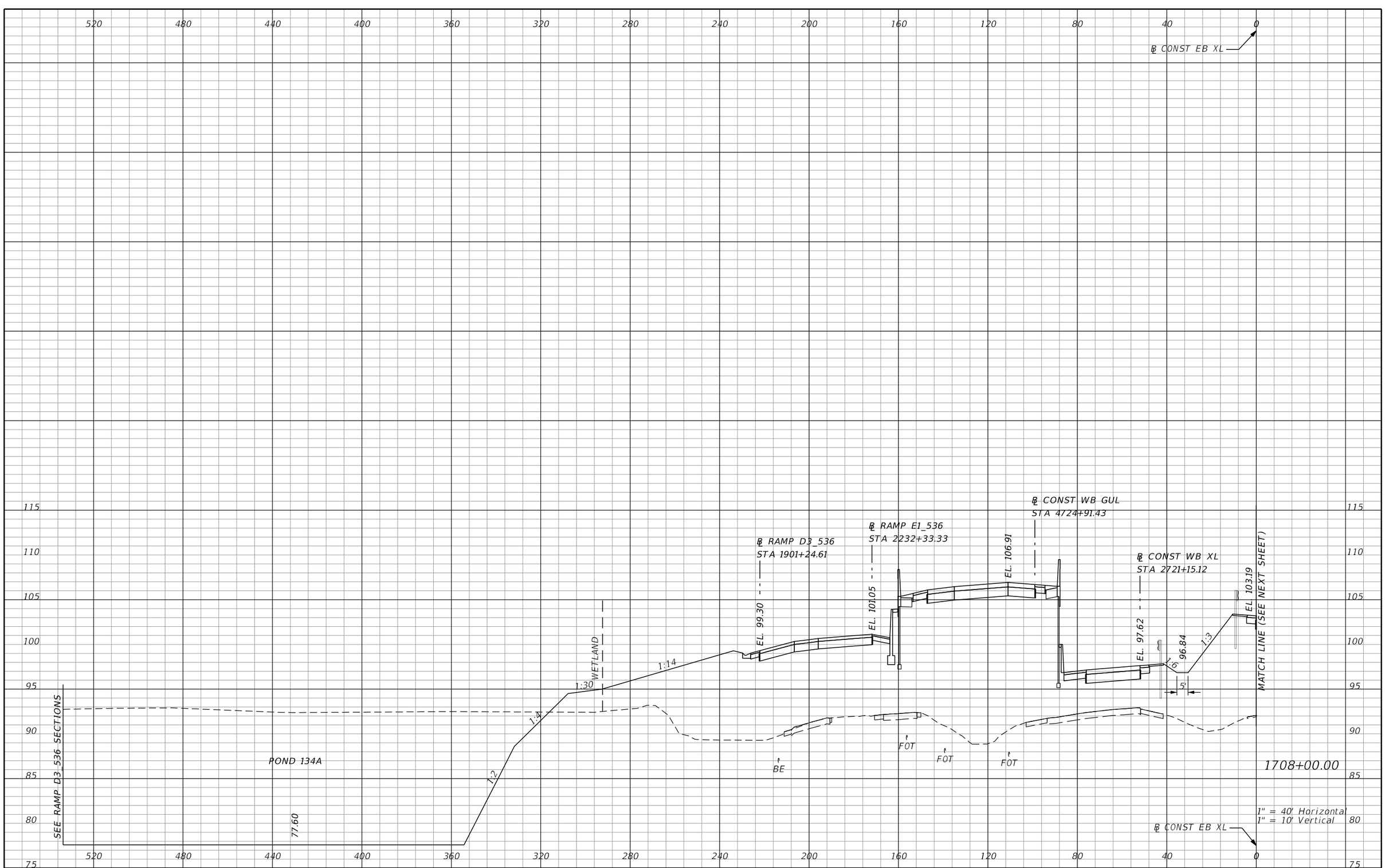

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 620

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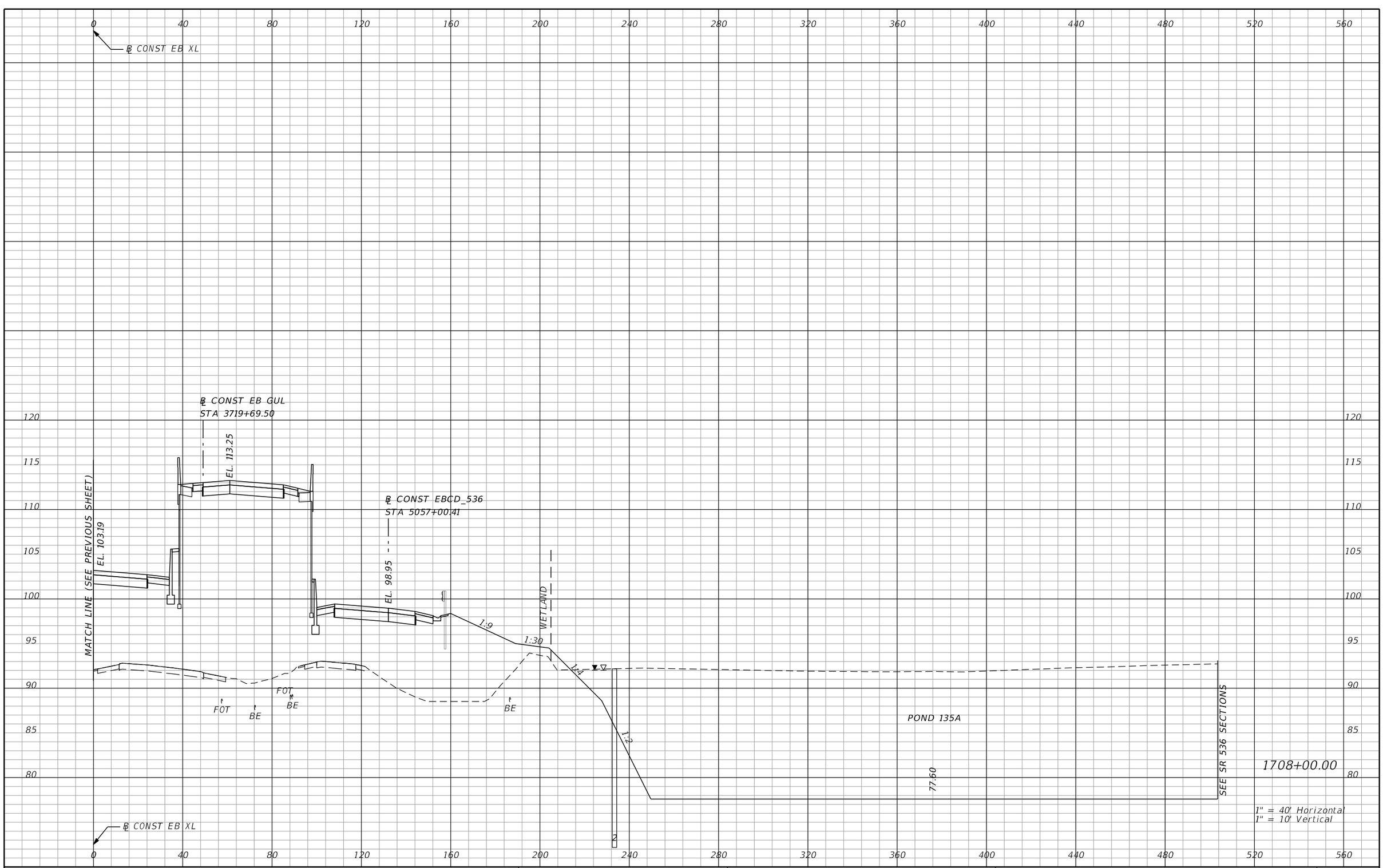

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 621

PRELIMINARY: NOT FOR CONSTRUCTION

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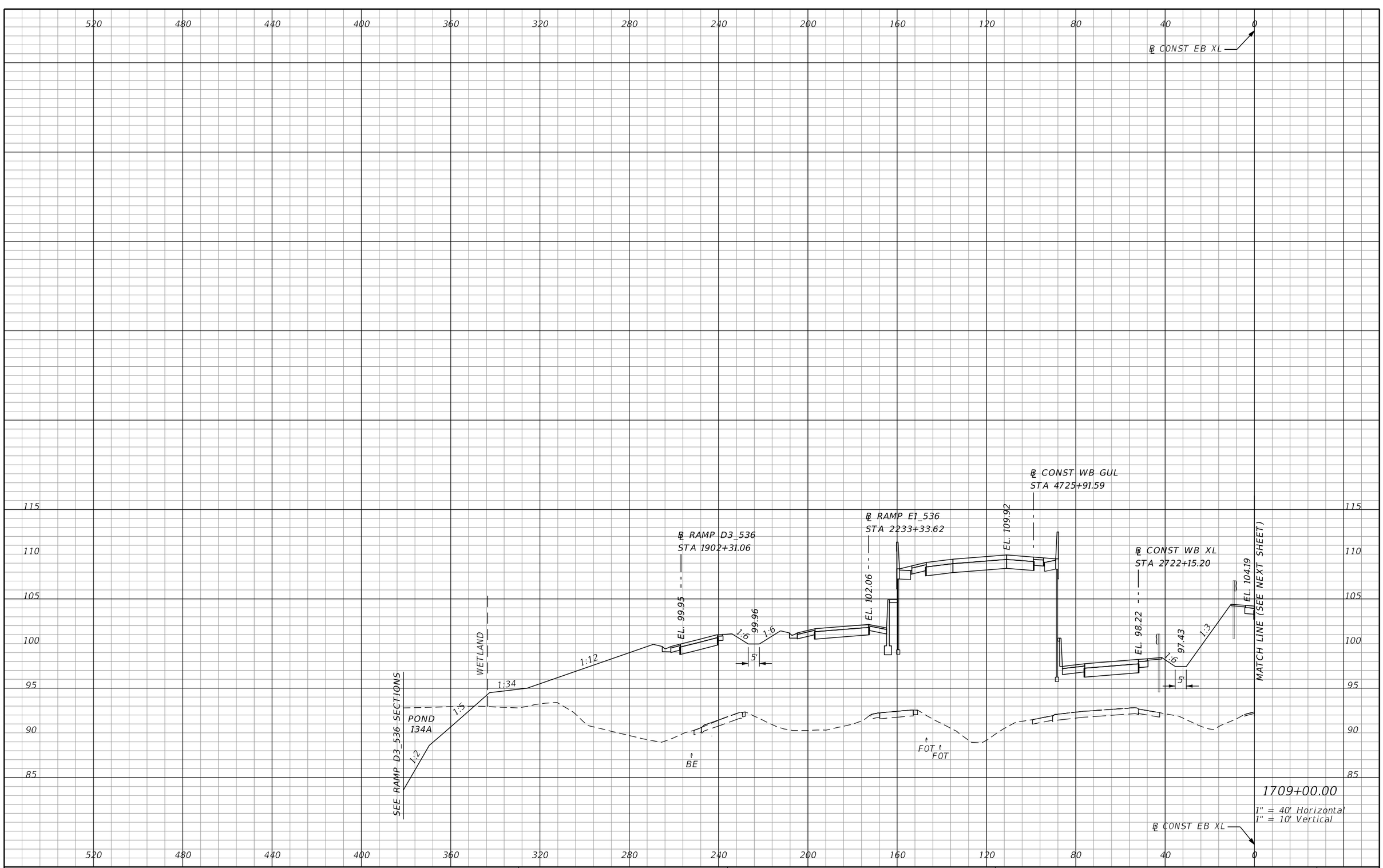

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 622

PRELIMINARY: NOT FOR CONSTRUCTION

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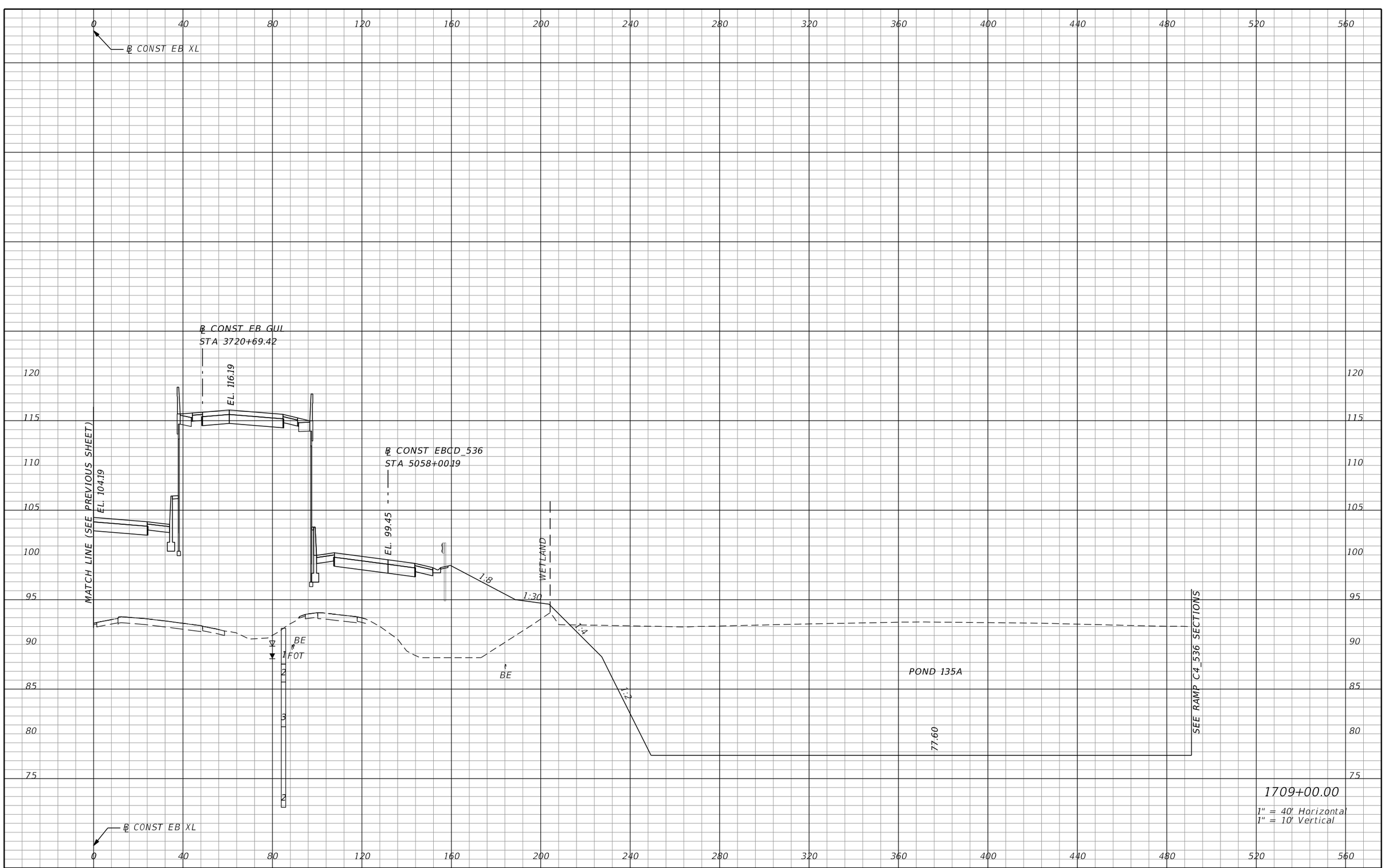

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DATE	DESCRIPTION	DATE	DESCRIPTION

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150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

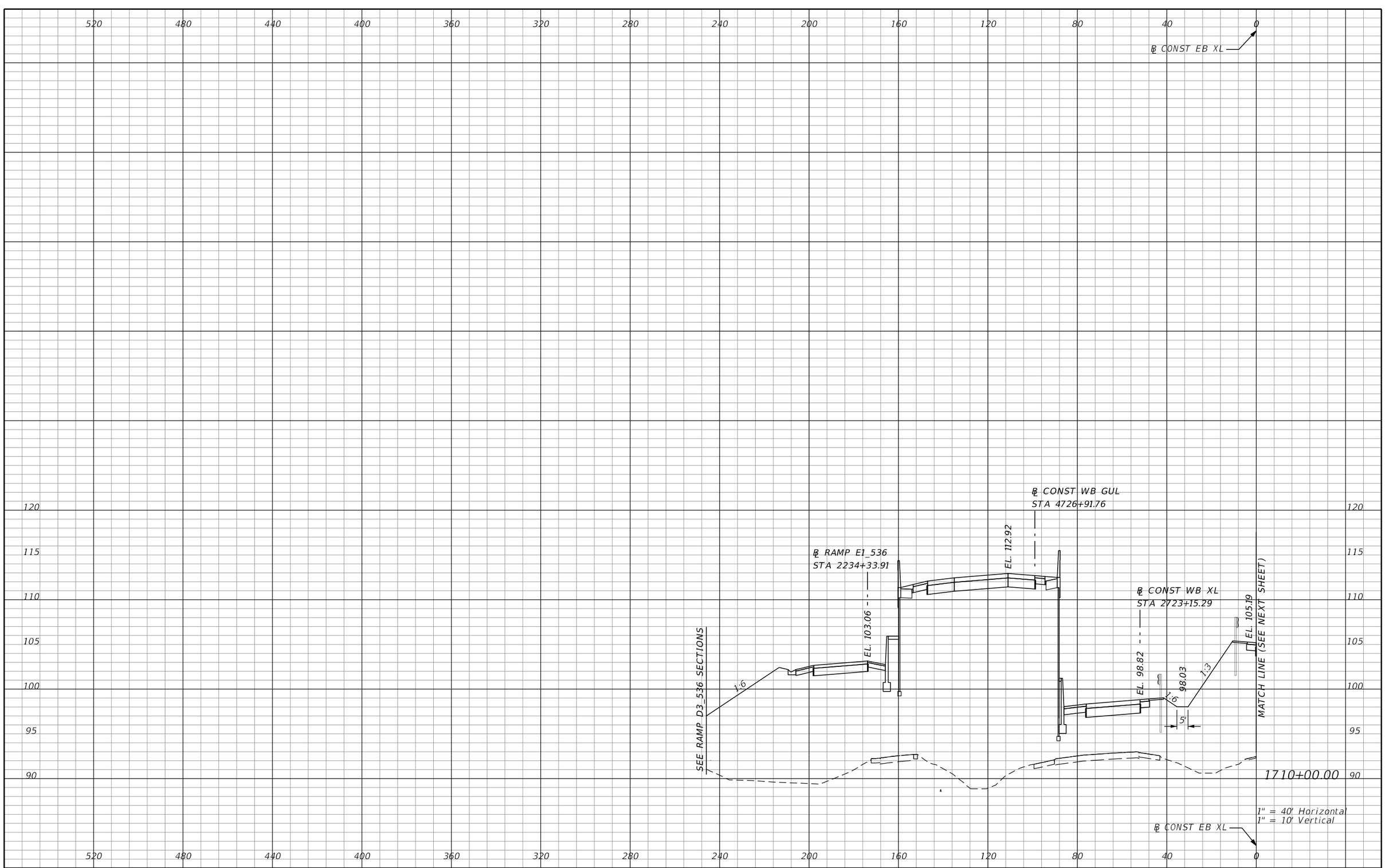
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 623

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

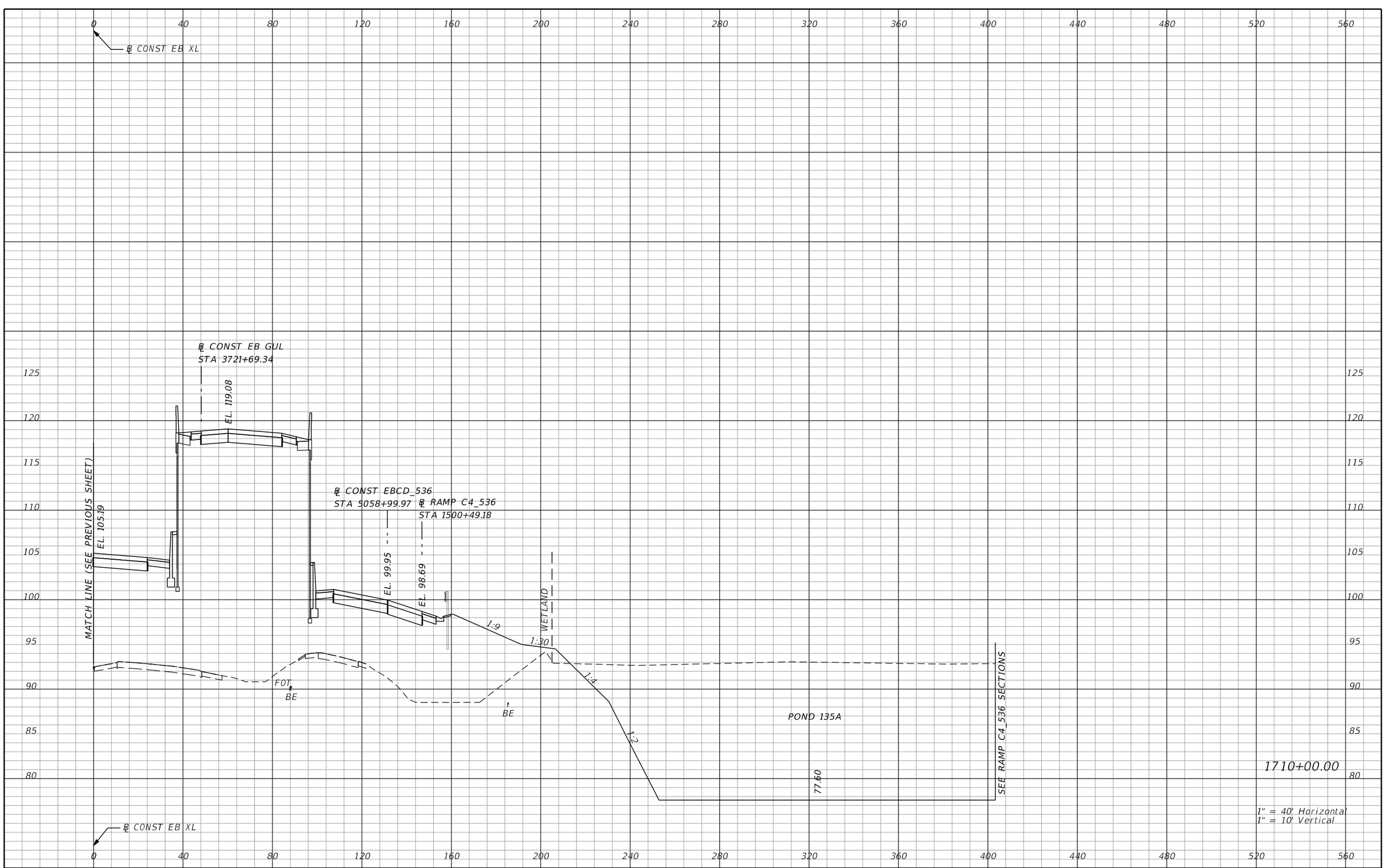
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 624

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/25/2021 5:08:40 PM c:\pwworking\aecom_na\glen.dvorovy\dms28329\RDXSRD01_SEGE2_MAINLINE.DGN



REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 625

PRELIMINARY: NOT FOR CONSTRUCTION

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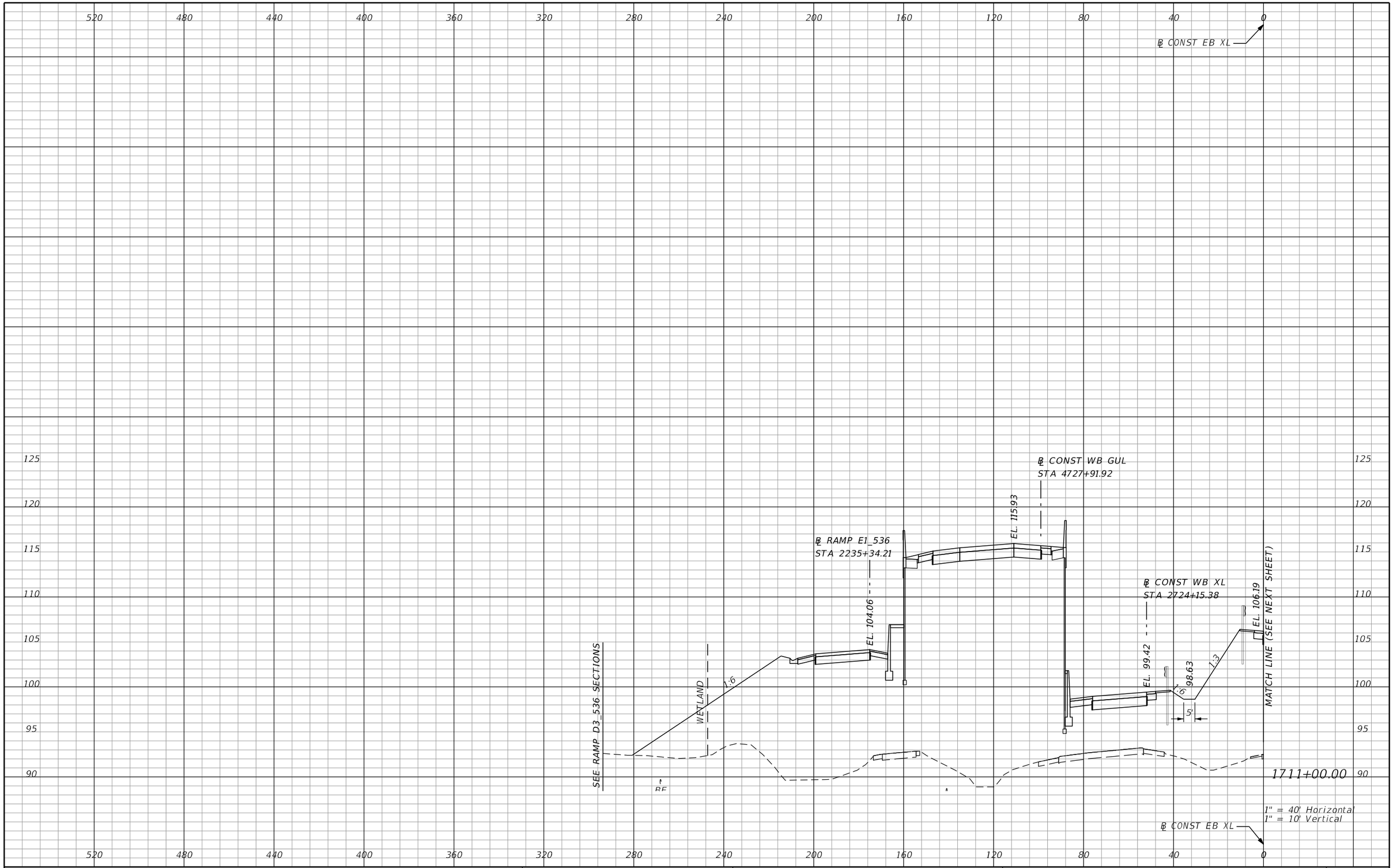

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 626

PRELIMINARY: NOT FOR CONSTRUCTION

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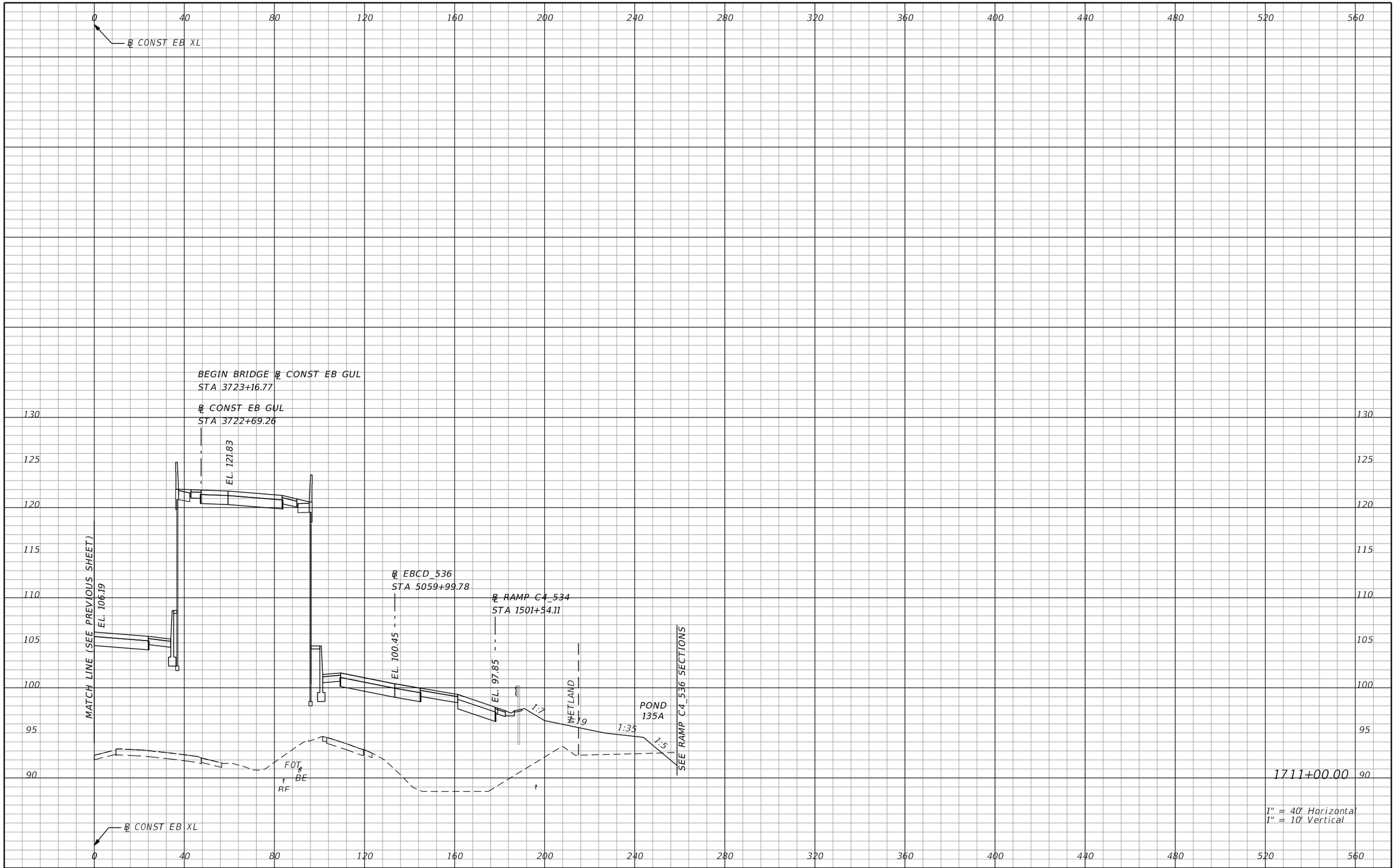

REVISIONS			
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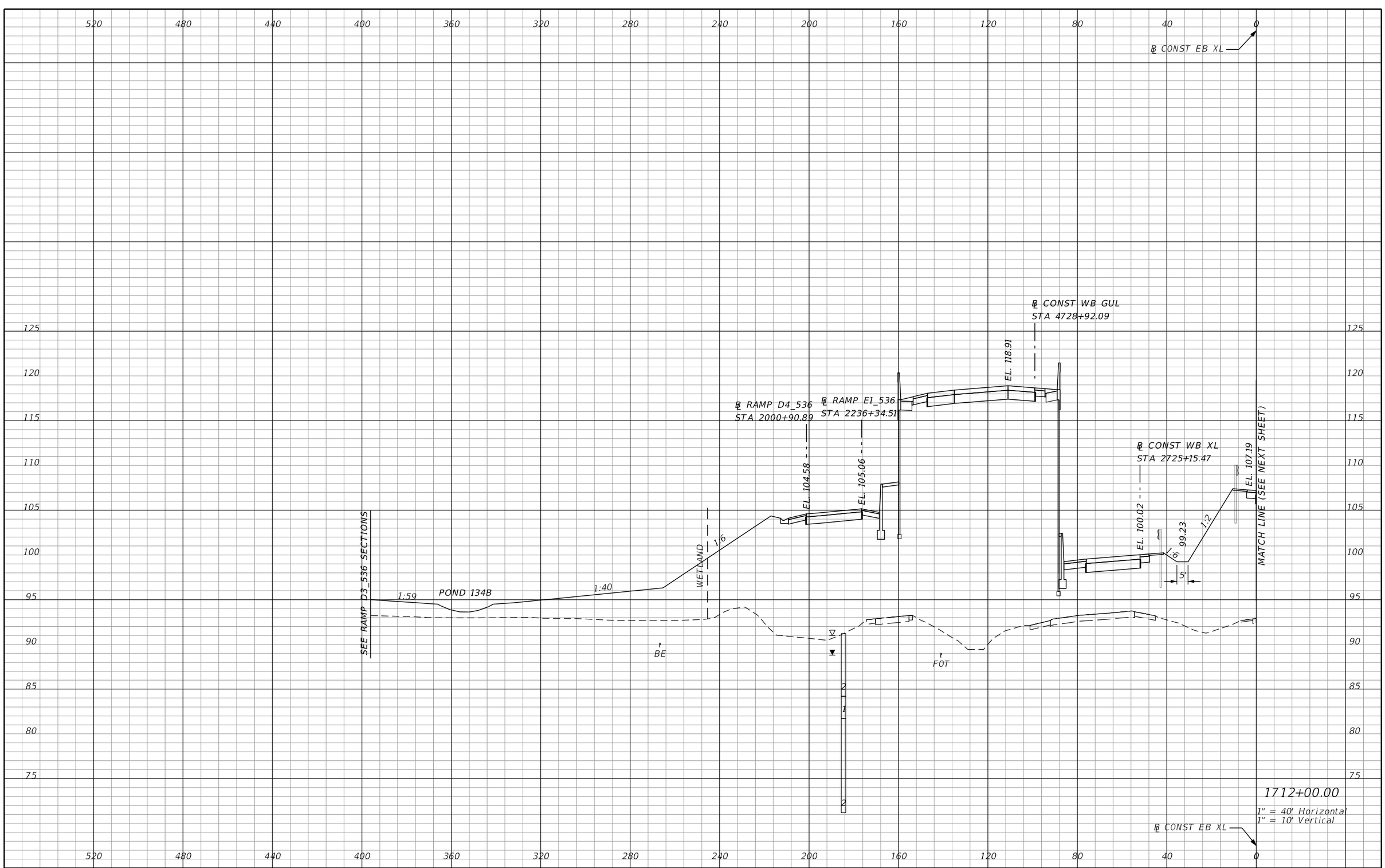
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 627

PRELIMINARY: NOT FOR CONSTRUCTION



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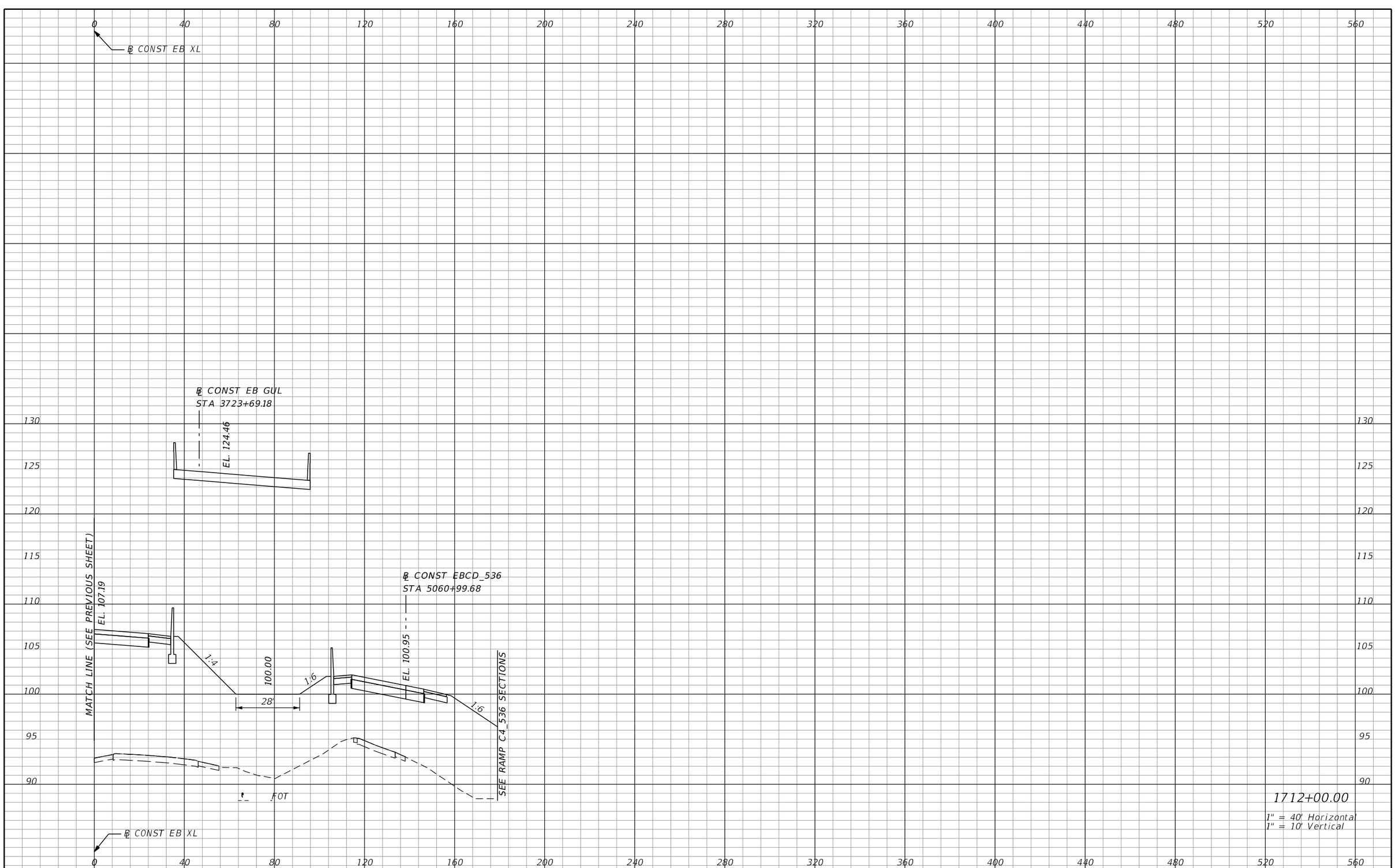
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 628

PRELIMINARY: NOT FOR CONSTRUCTION



1712+00.00

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 629

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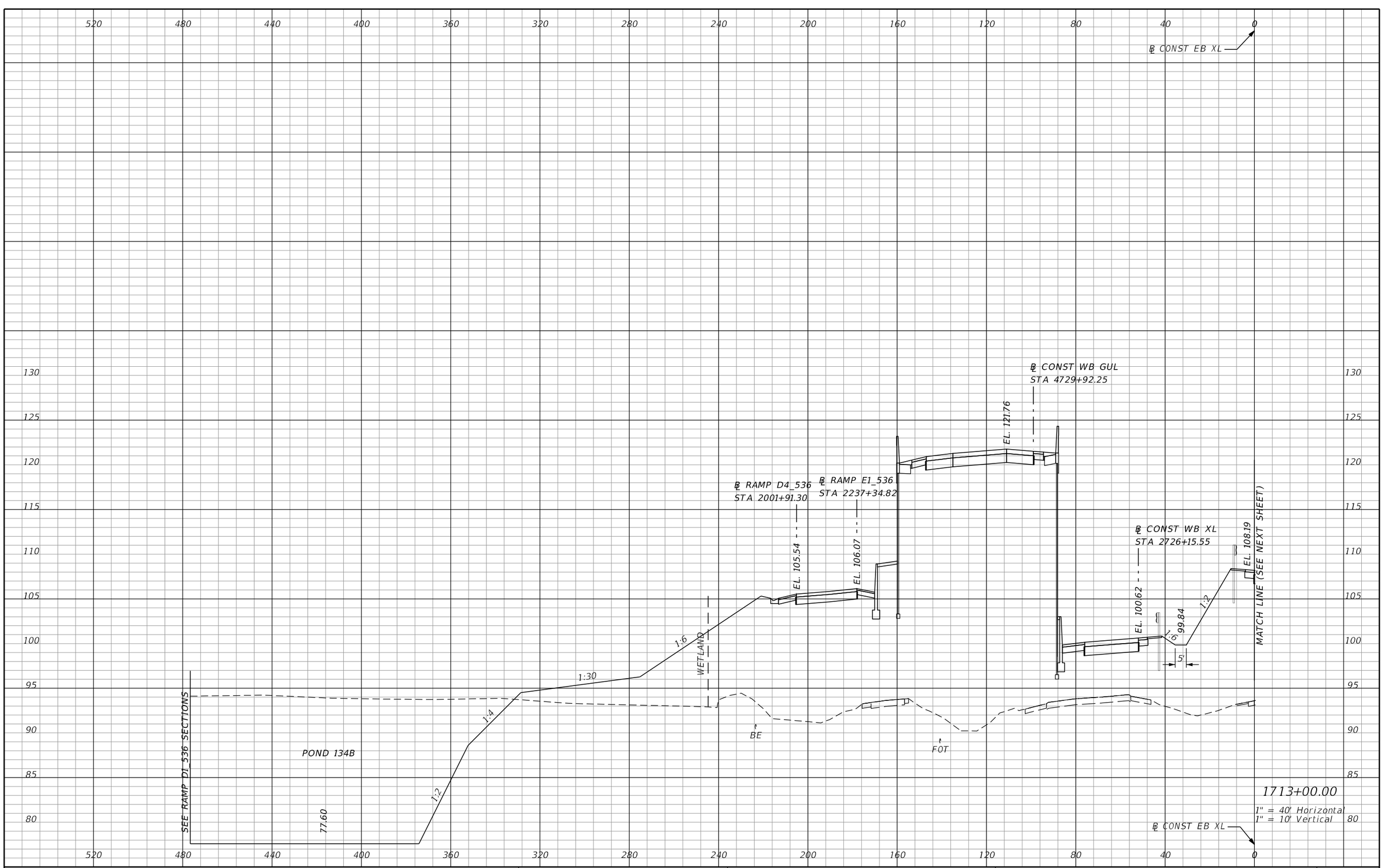

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 630

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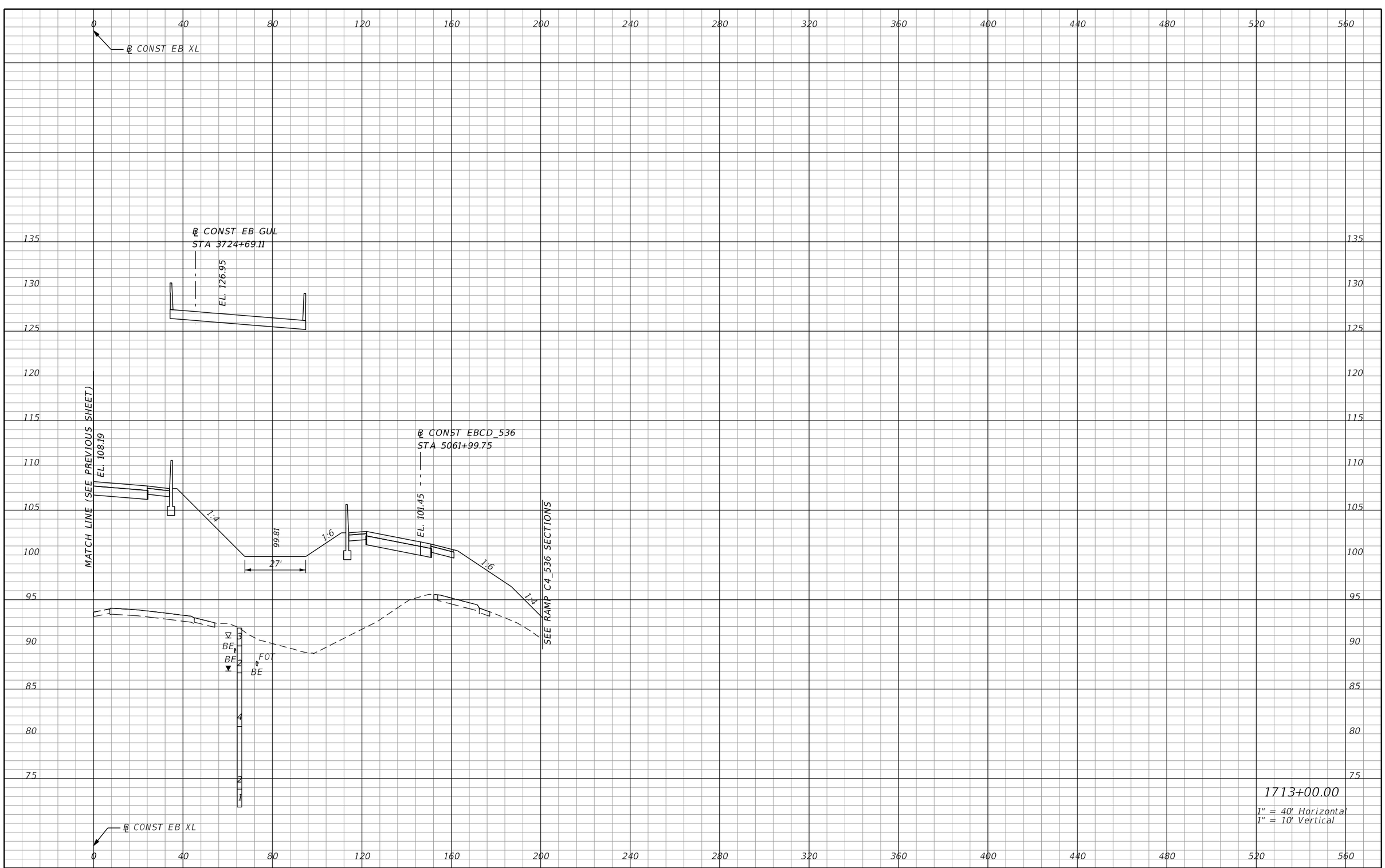

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 631

PRELIMINARY: NOT FOR CONSTRUCTION

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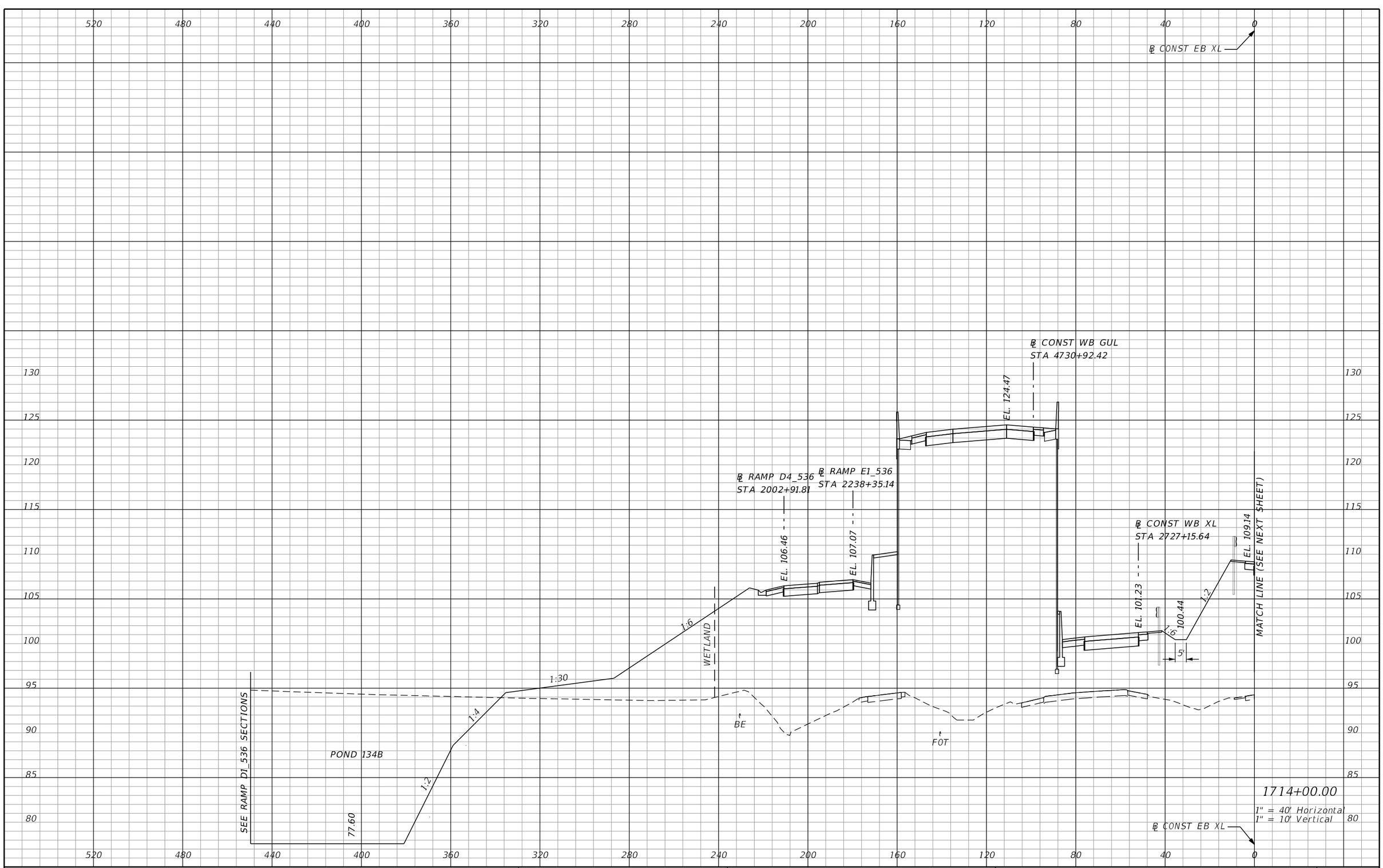

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 632

PRELIMINARY: NOT FOR CONSTRUCTION

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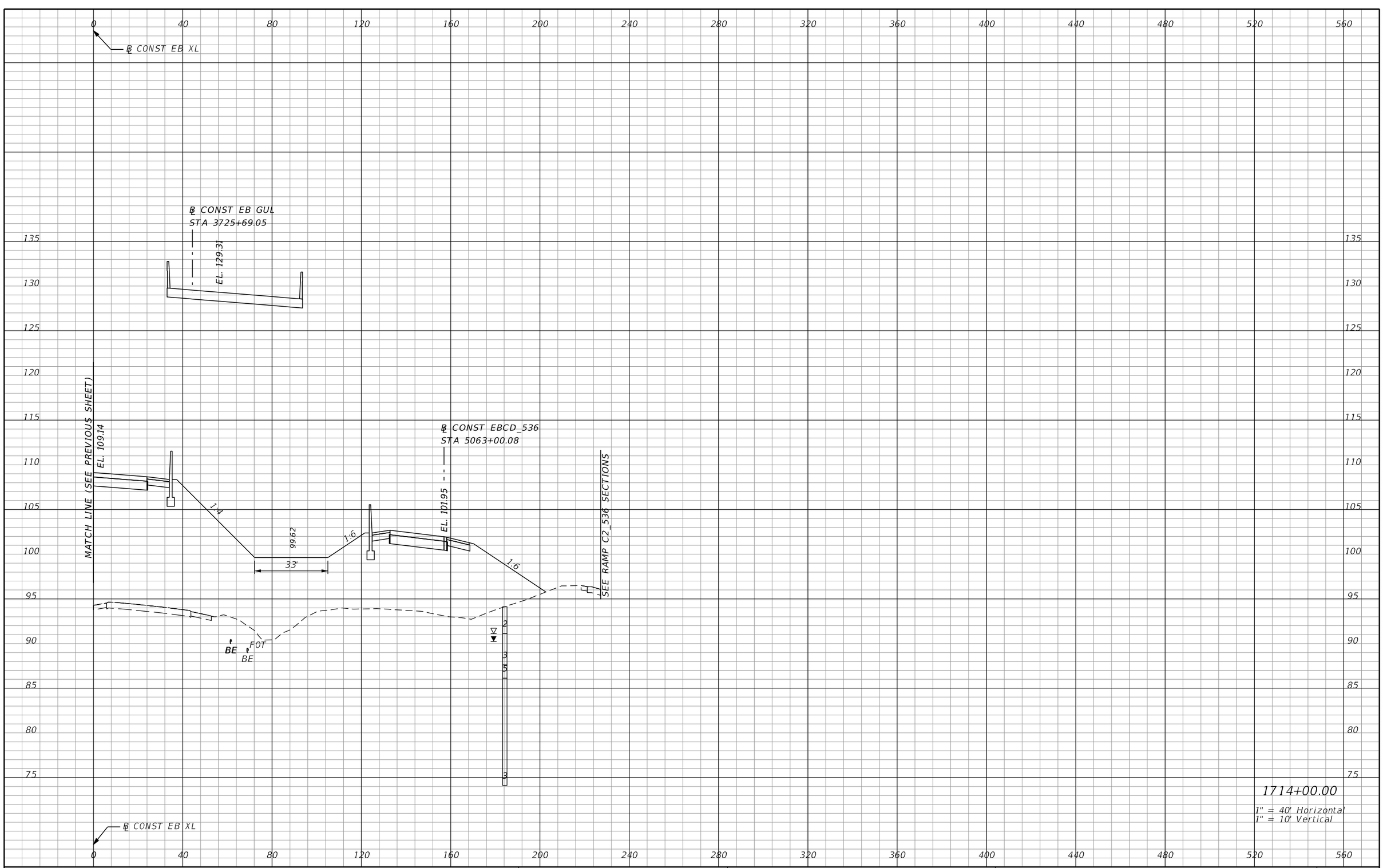

1714+00.00

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
633

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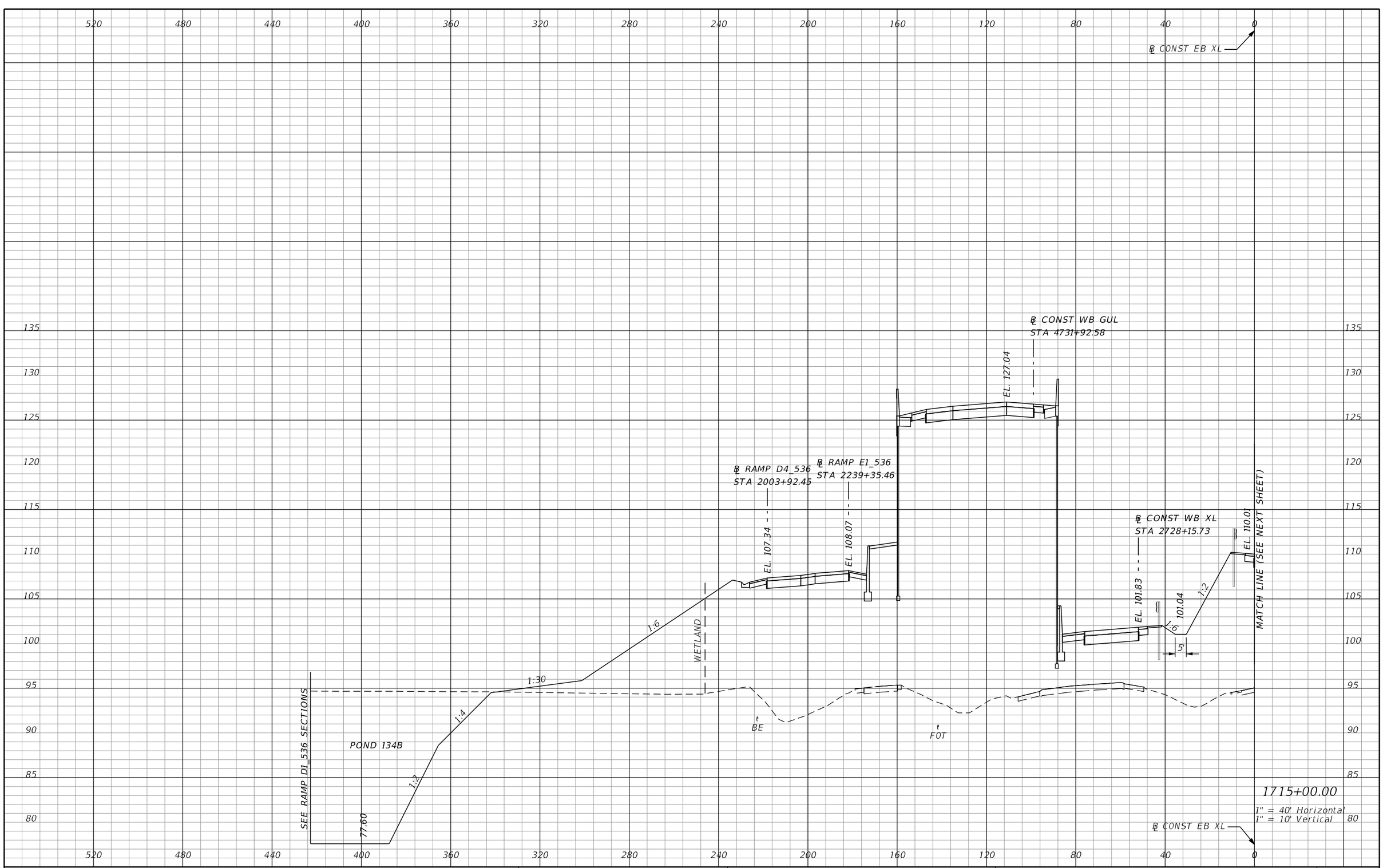

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 634

PRELIMINARY: NOT FOR CONSTRUCTION

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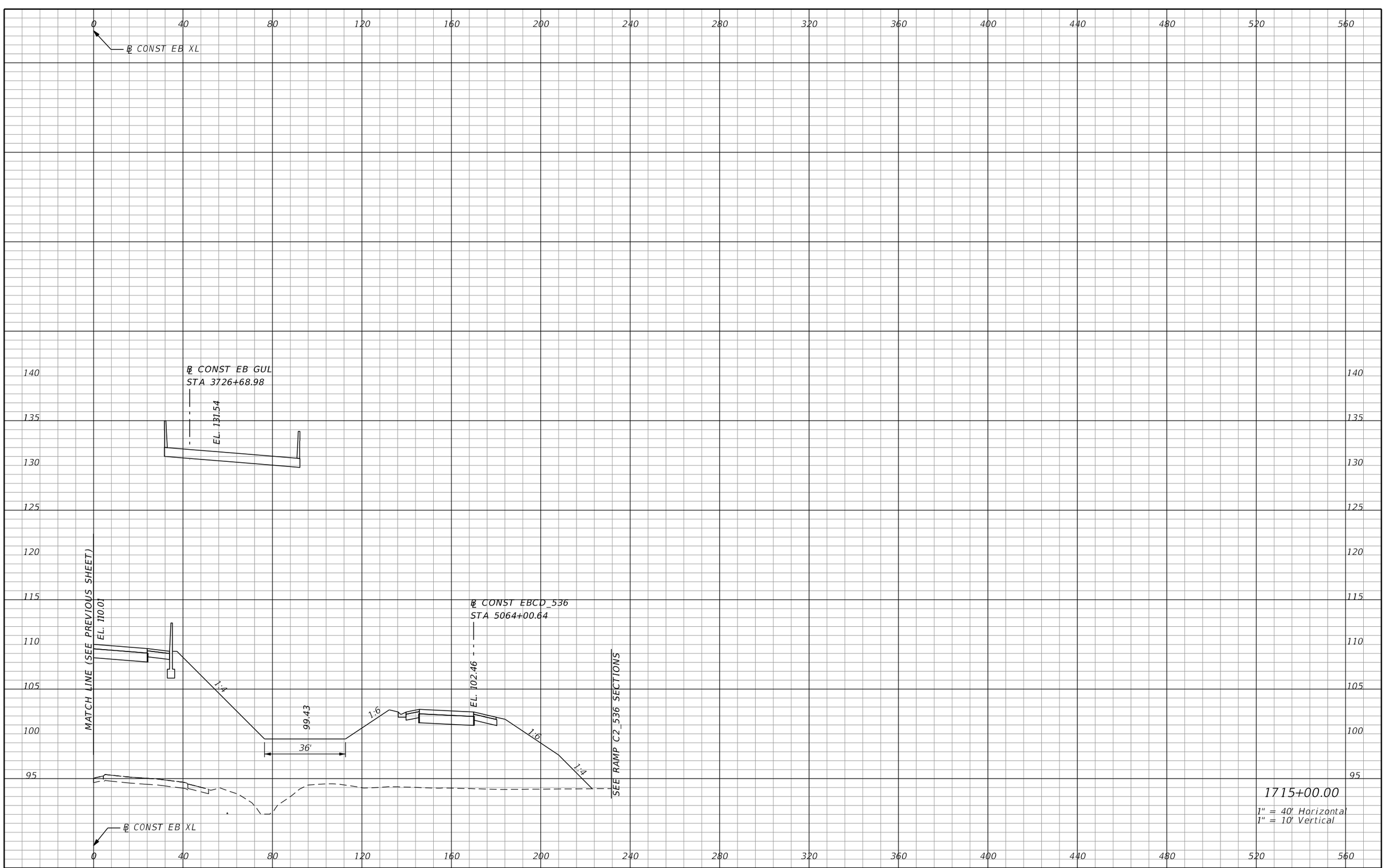

1715+00.00

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 635

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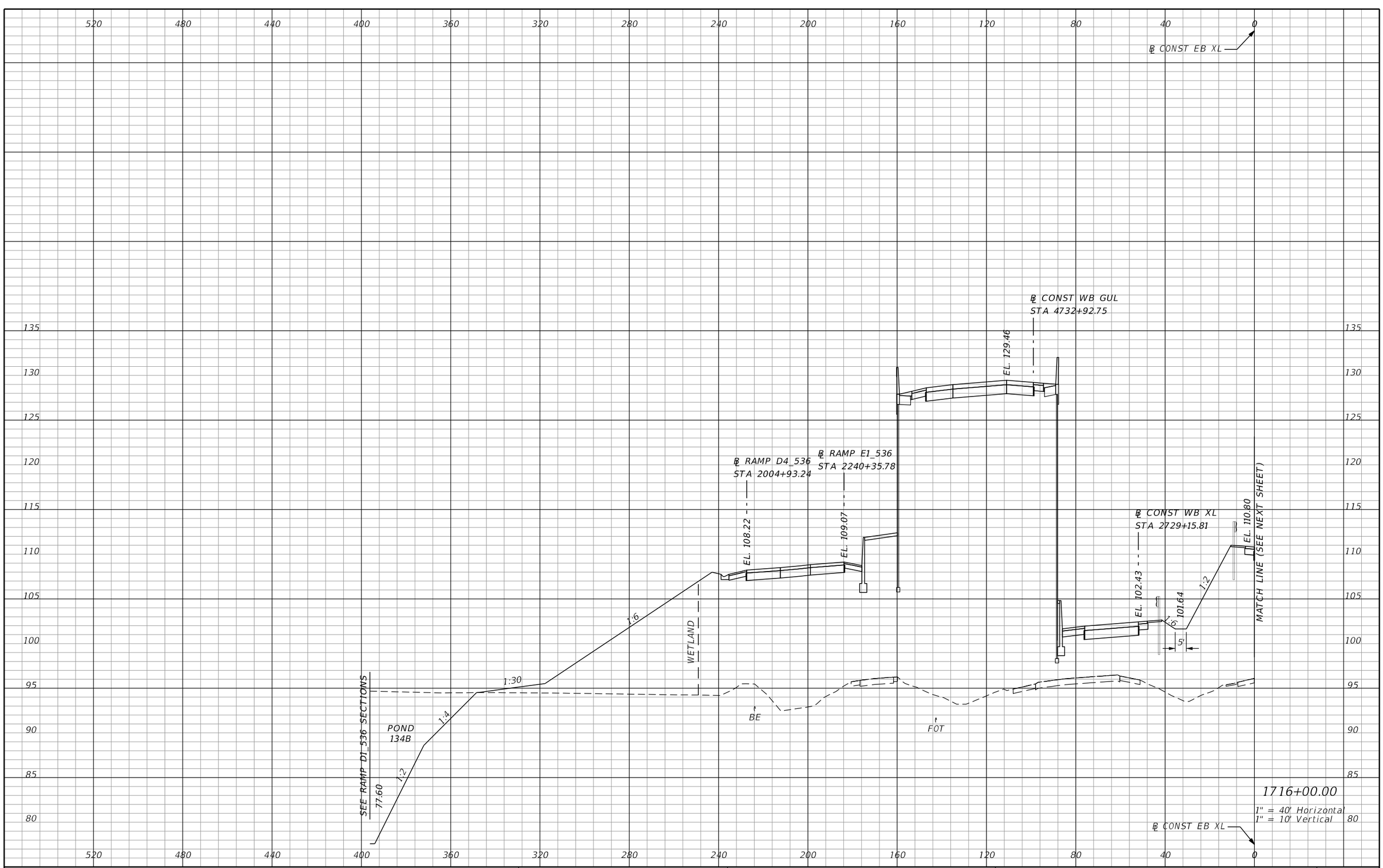

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
636

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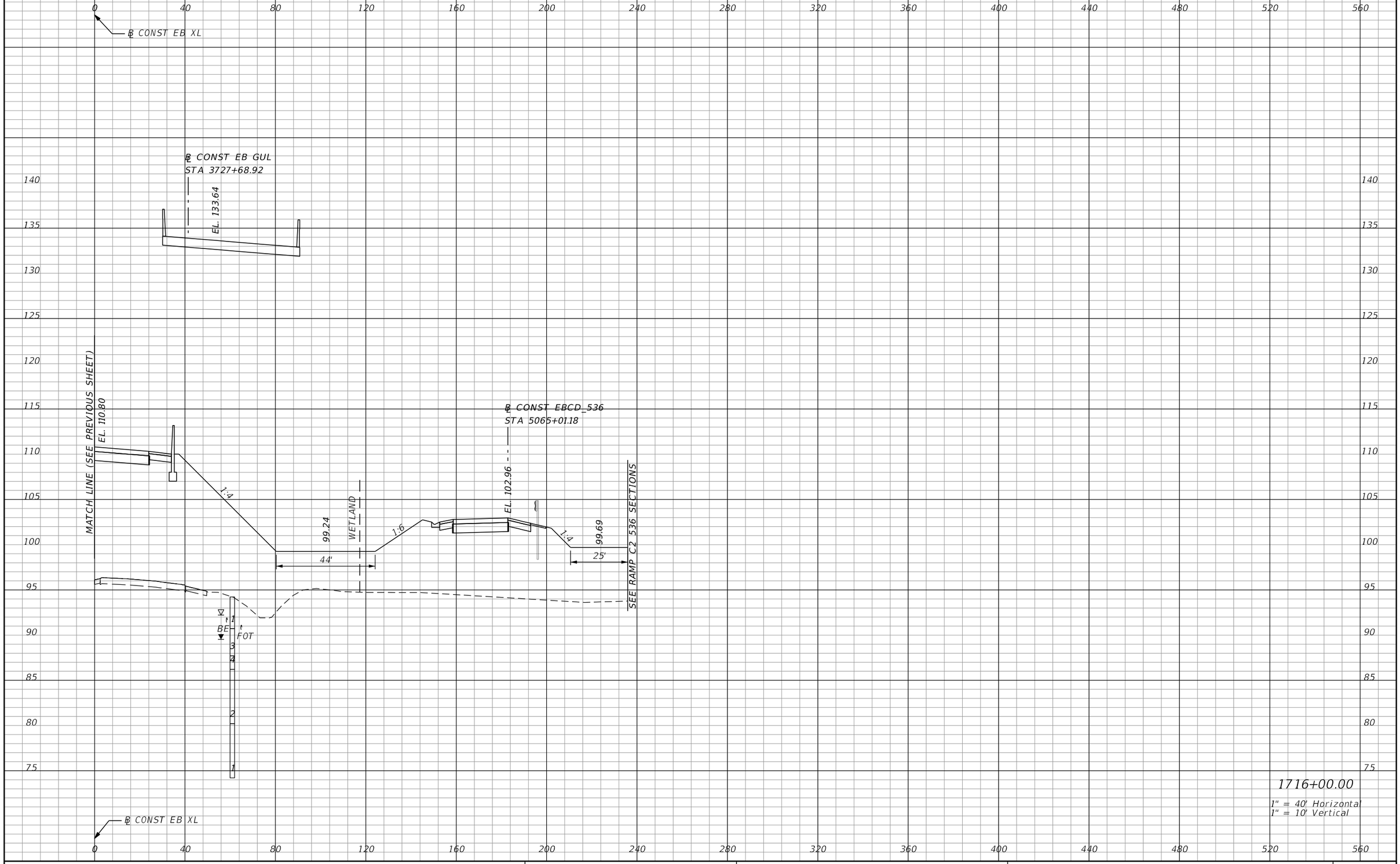

1716+00.00

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 637

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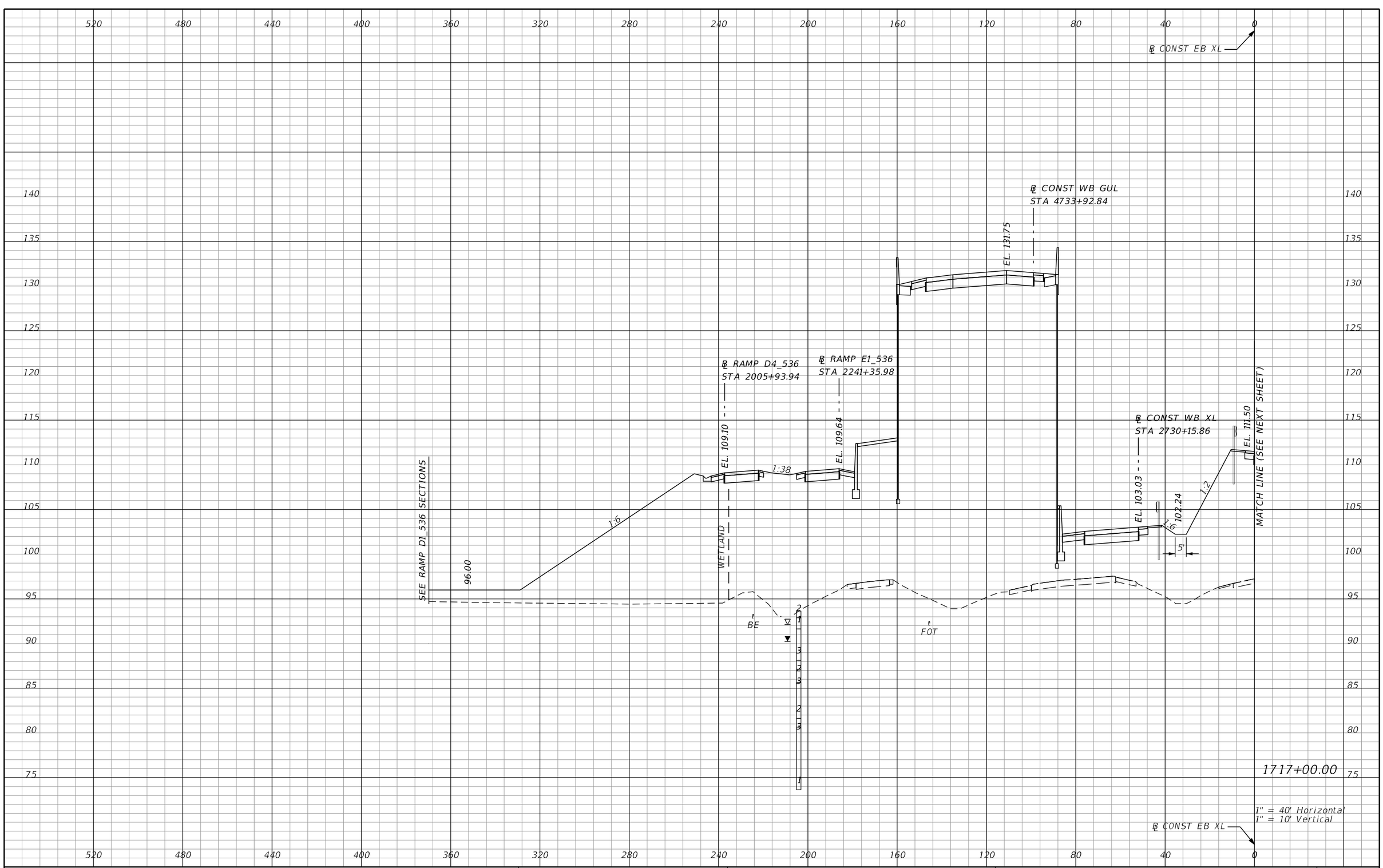

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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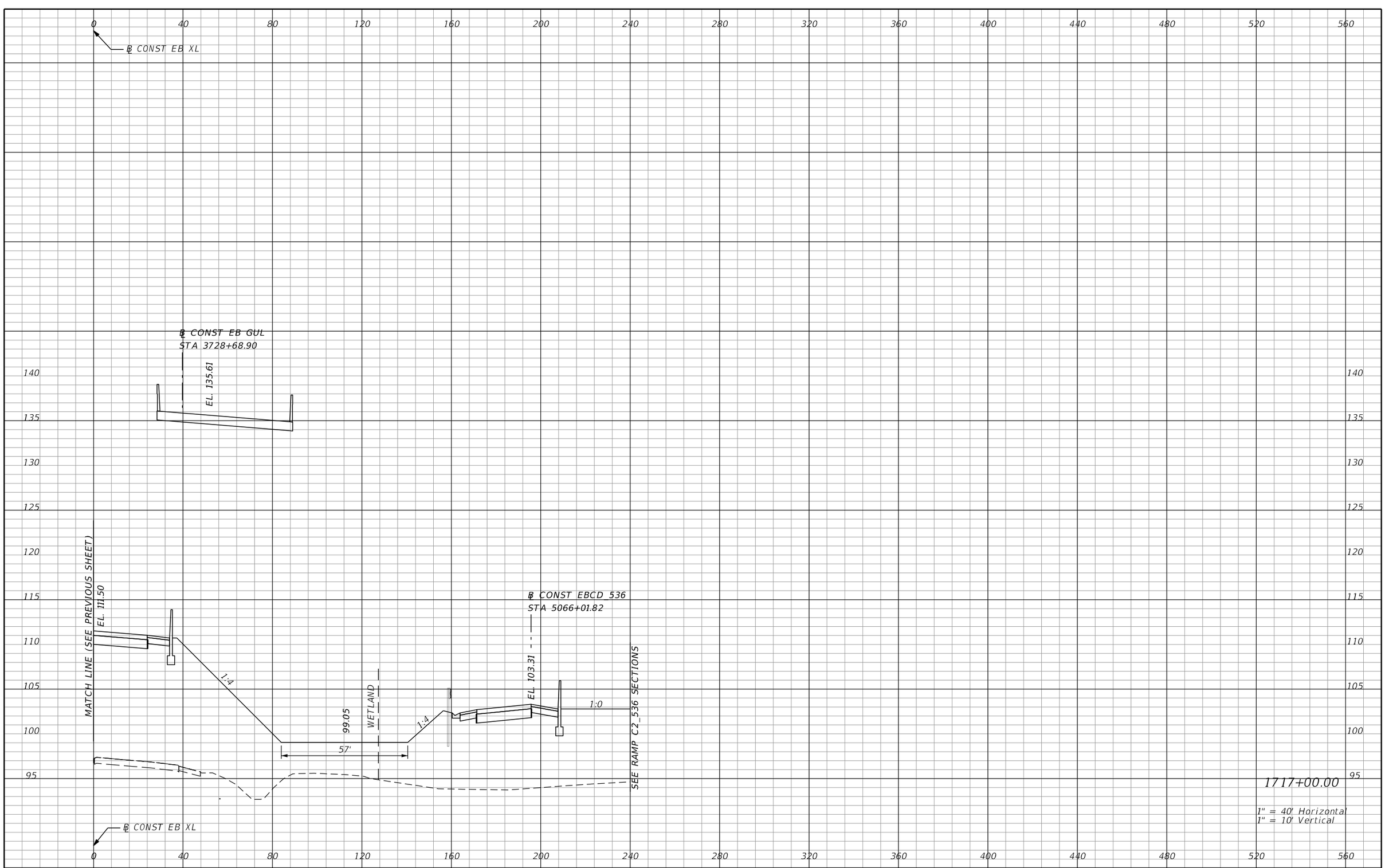
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
638

glen.dvorovy 2/25/2021 5:09:24 PM c:\pwworking\aecom_na\glen.dvorovy\dms28329\RDXSRD01_SEGE2_MAINLINE.DGN



REVISIONS			
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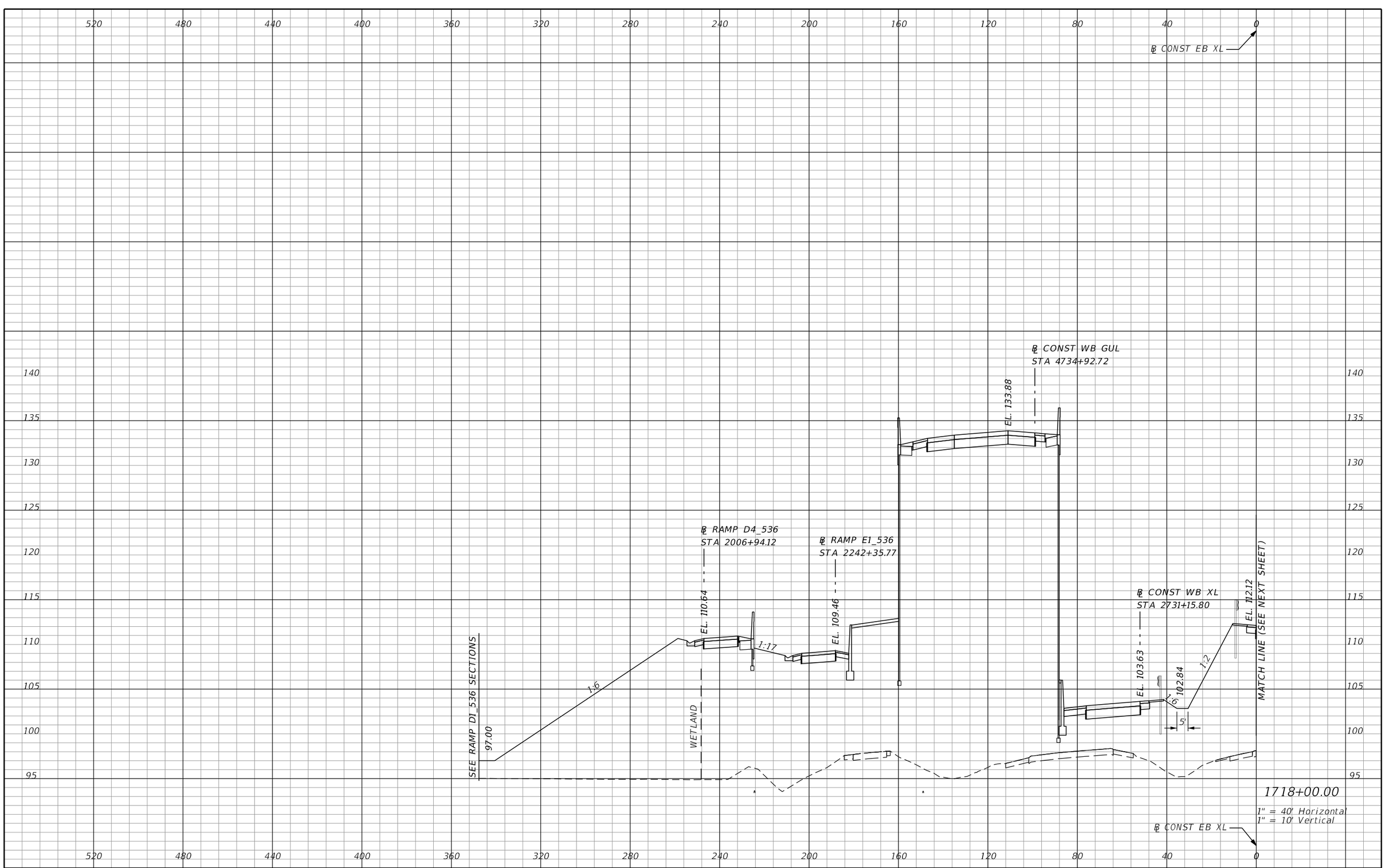
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 639

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 640

PRELIMINARY: NOT FOR CONSTRUCTION

℄ CONST EB XL

℄ CONST EB GUL
STA 3729+68.96

EL. 137.45

MATCH LINE (SEE PREVIOUS SHEET)
EL. 112.12

℄ CONST EBCD_536
STA 5067+02.80

EL. 103.41

1:4

WETLAND

98.86

69'

1:4

1:4

99.09

103'

WETLAND

SEE RAMP C1_536 SECTIONS

BE

2 FOT

7

1

℄ CONST EB XL

0 40 80 120 160 200 240 280 320 360 400 440 480 520 560

145 140 135 130 125 120 115 110 105 100 95 90 85 80

1718+00.00

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
641

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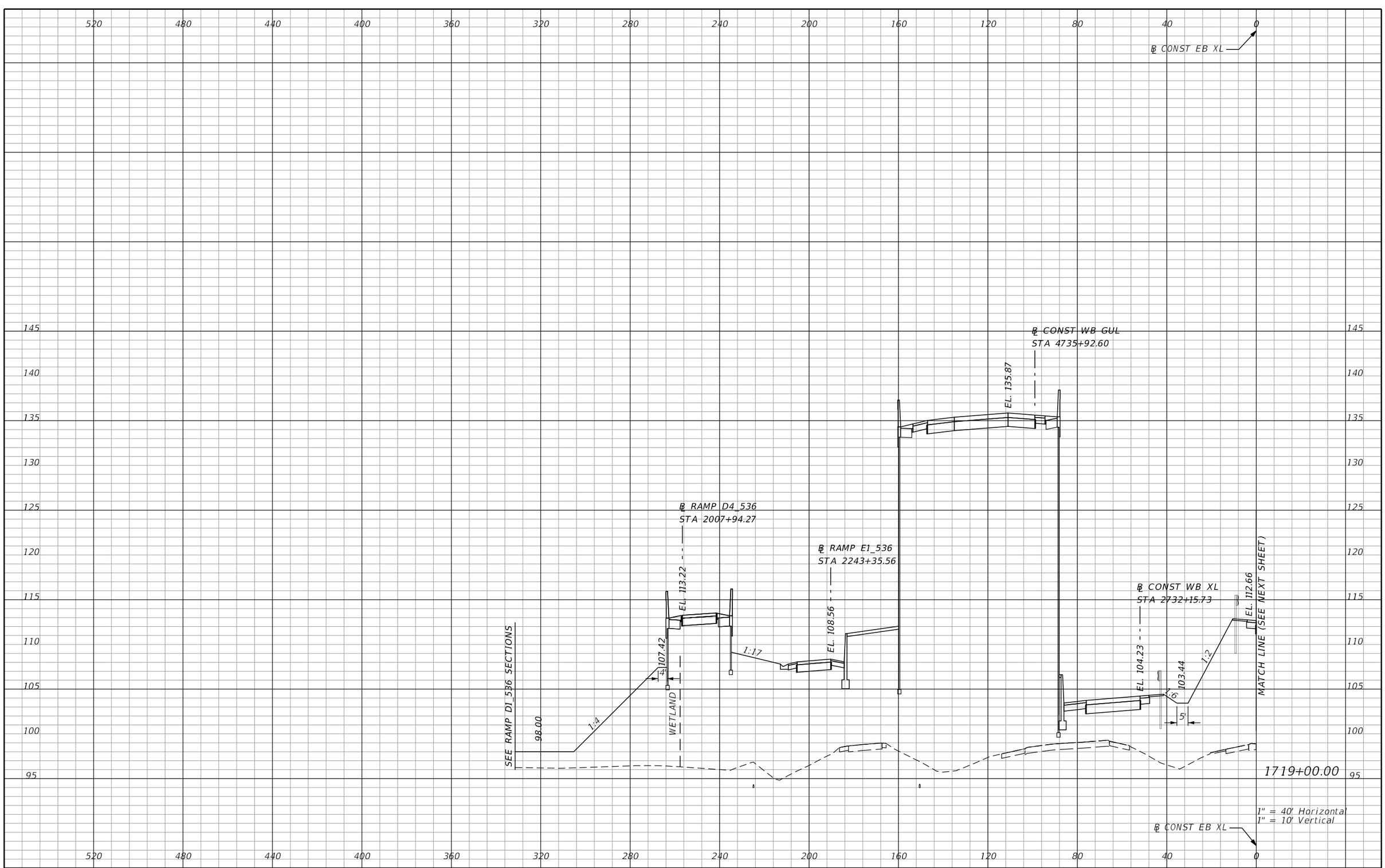

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 642

PRELIMINARY: NOT FOR CONSTRUCTION

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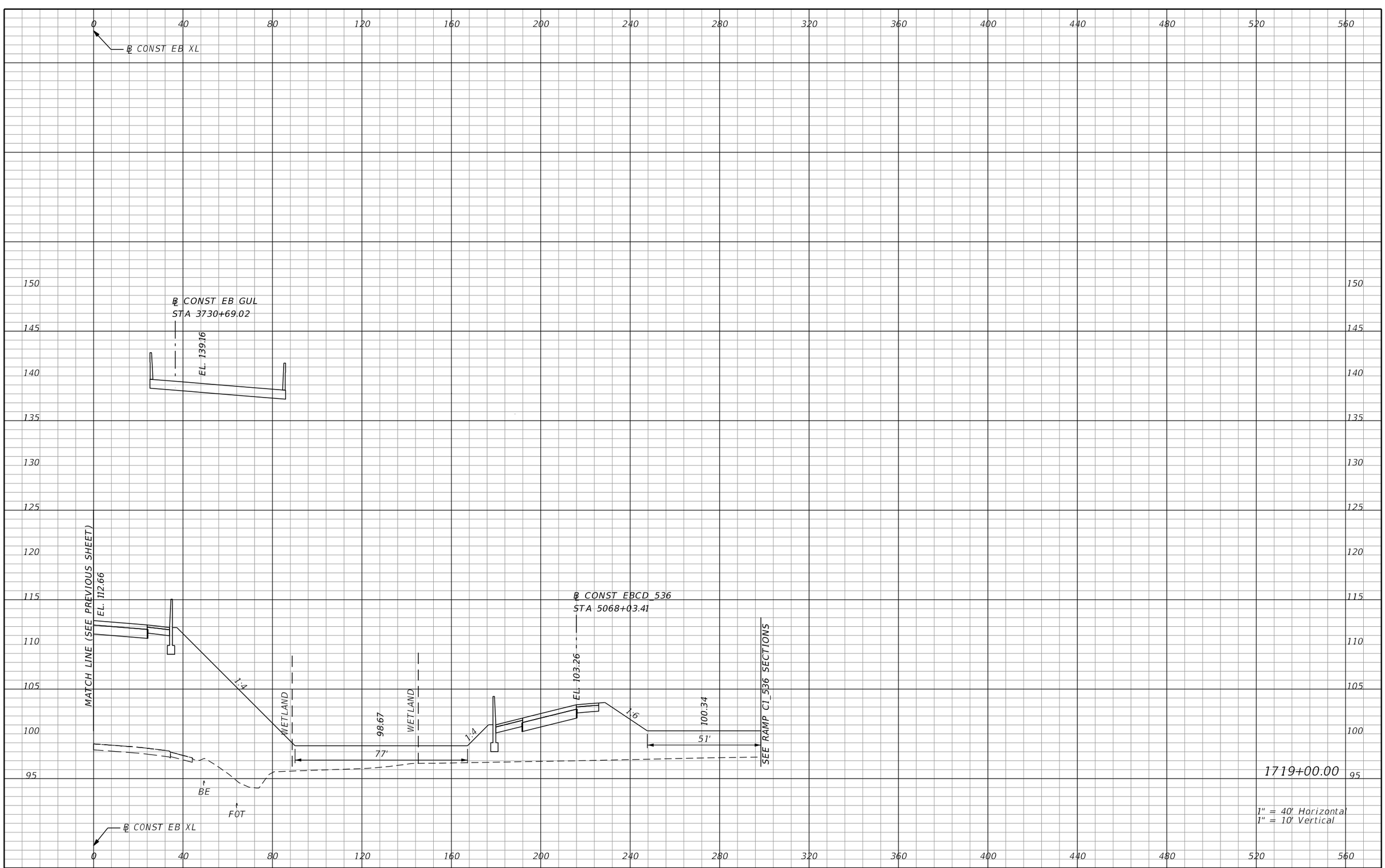

REVISIONS			
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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 643

PRELIMINARY: NOT FOR CONSTRUCTION

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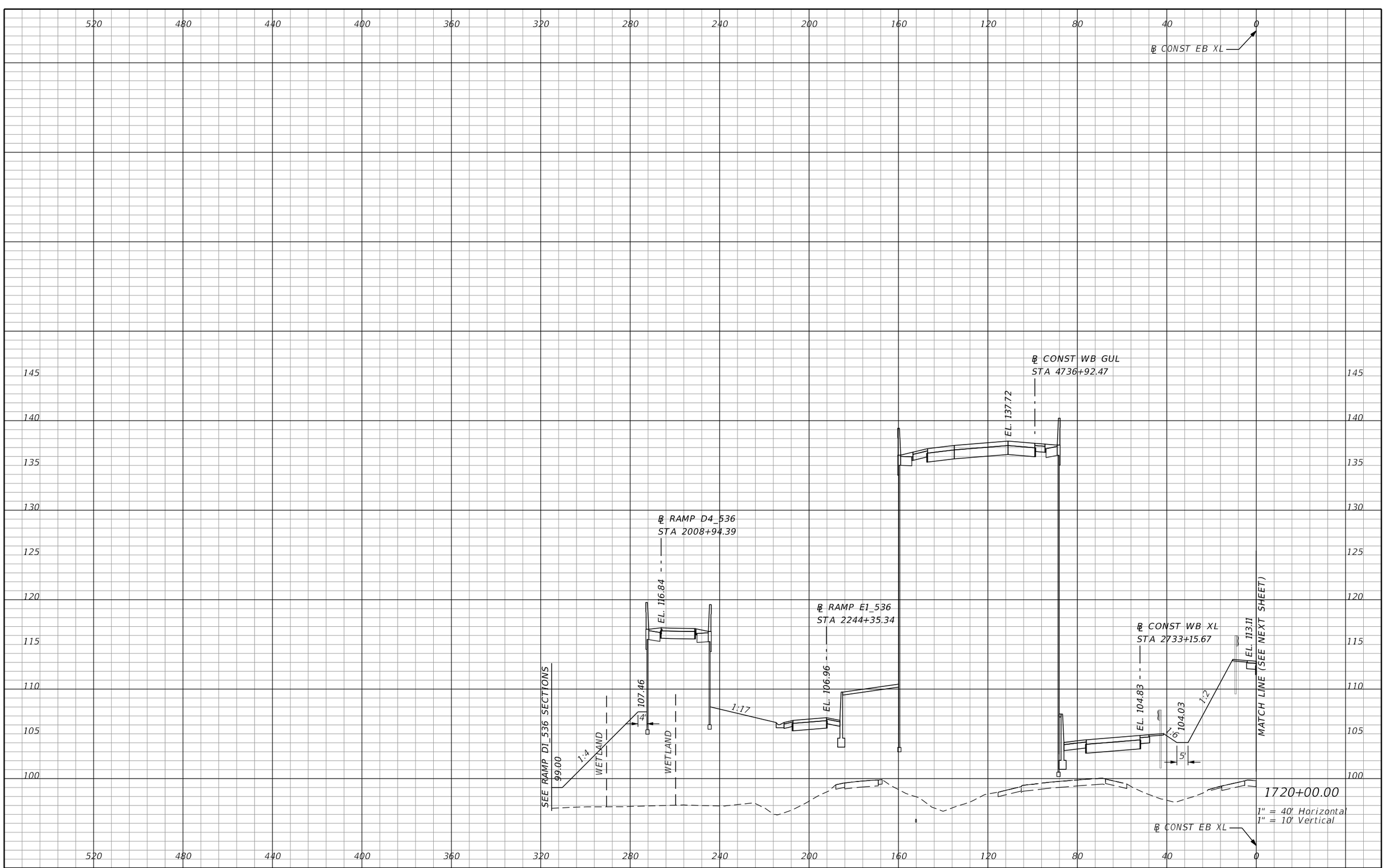

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 644

PRELIMINARY: NOT FOR CONSTRUCTION

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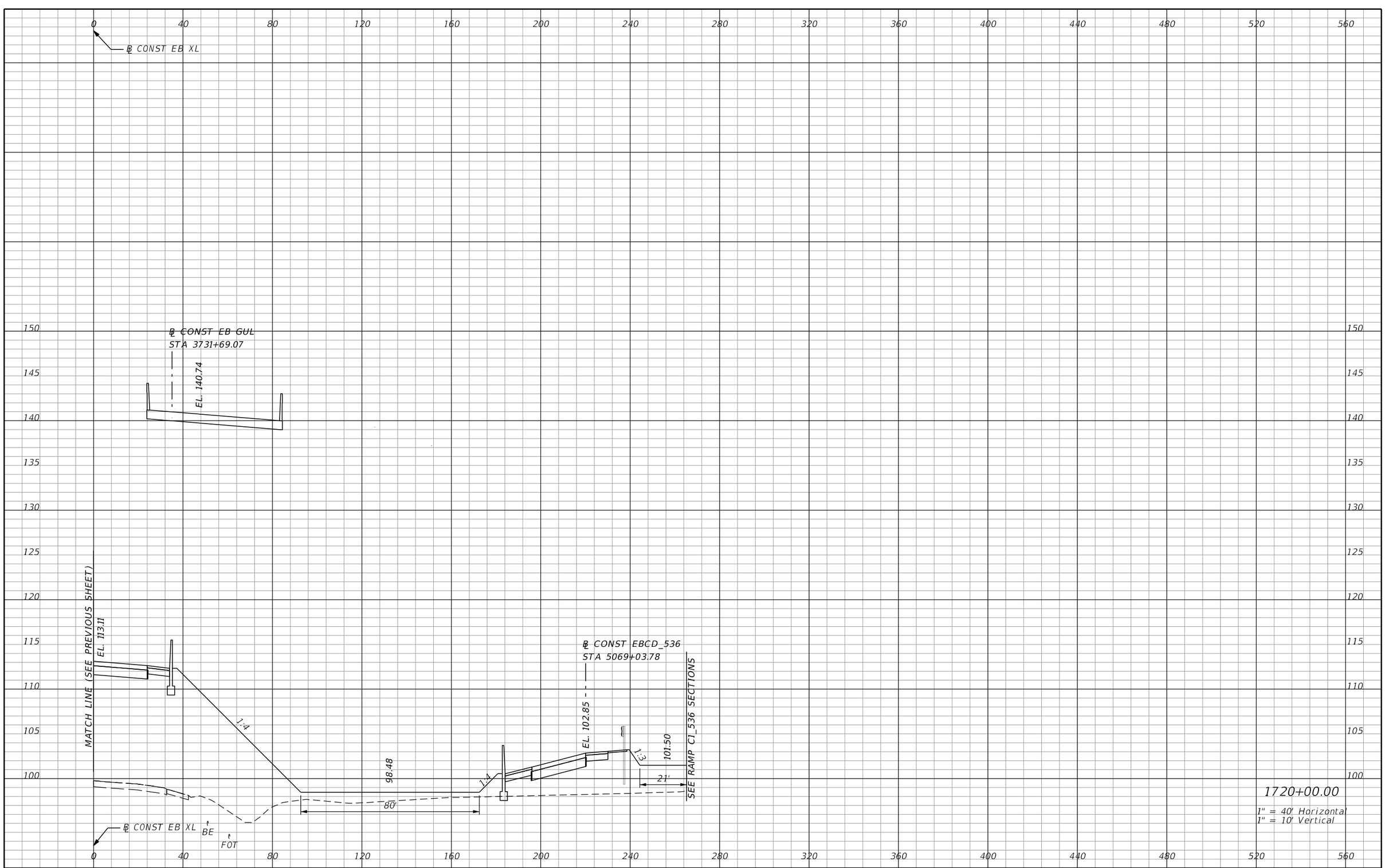

REVISIONS			
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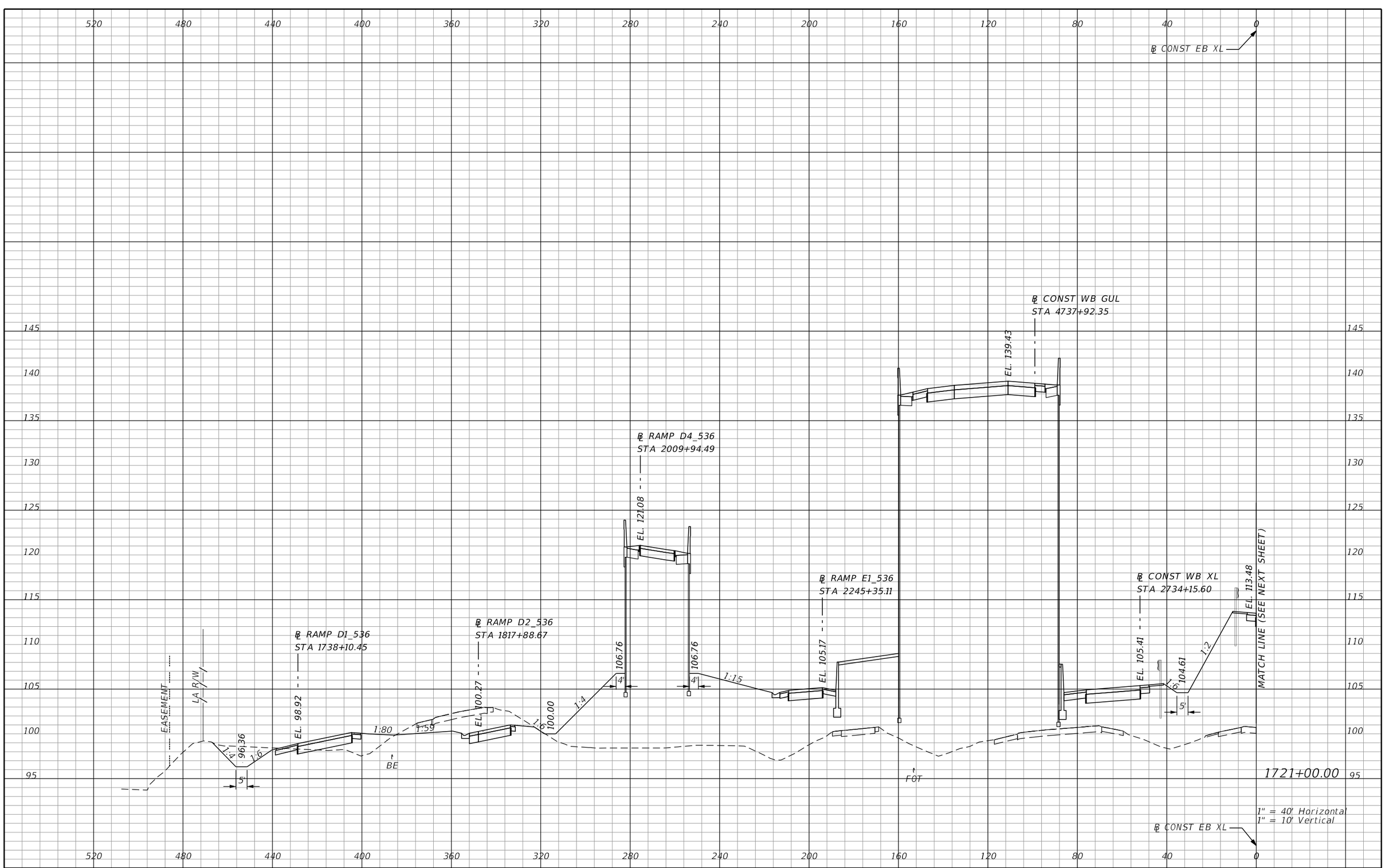
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 645

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL. 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 646

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/25/2021 5:09:47 PM c:\pwworking\aecom_na\glen.dvorovy\dms28329\RDXSRD01_SEGE2_MAINLINE.DGN

℄ CONST EB XL

℄ CONST EB GUL
STA 3732+69.13

EL. 142.18

BEGIN BRIDGE ℄ RAMP B3_536
STA 1015+55.72

℄ RAMP B3_536
STA 1015+39.20

EL. 130.03

℄ CONST EBCD_536
STA 5070+04.06

EL. 102.38

MATCH LINE (SEE PREVIOUS SHEET)
EL. 113.48

1:4

98.29

79'

BE
FOT

114.00

10'

1:4

101.06

26'

SEE RAMP C1_536 SECTIONS

1721+00.00

1" = 40' Horizontal
1" = 10' Vertical

℄ CONST EB XL

PRELIMINARY: NOT FOR CONSTRUCTION

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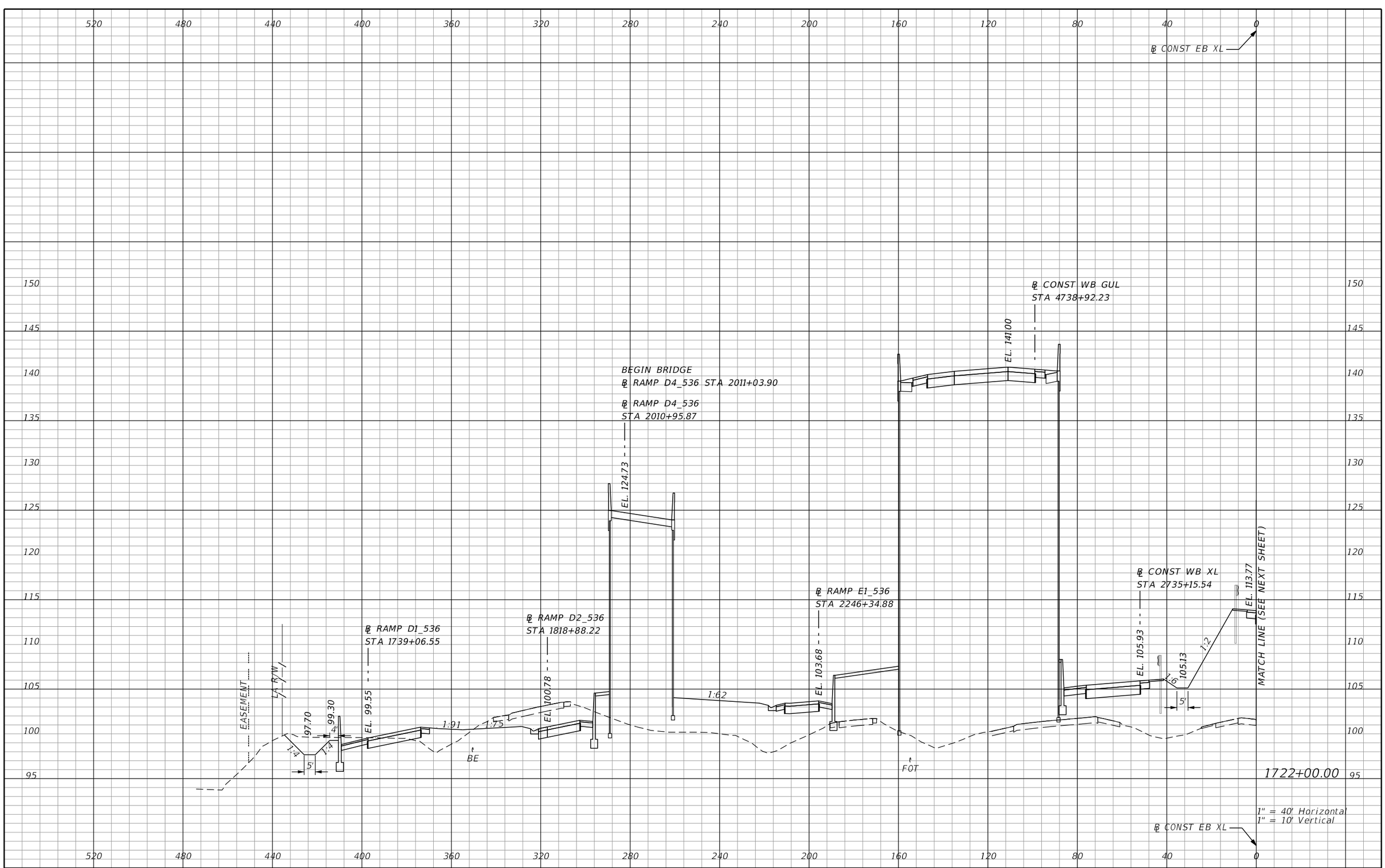
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 647



REVISIONS			
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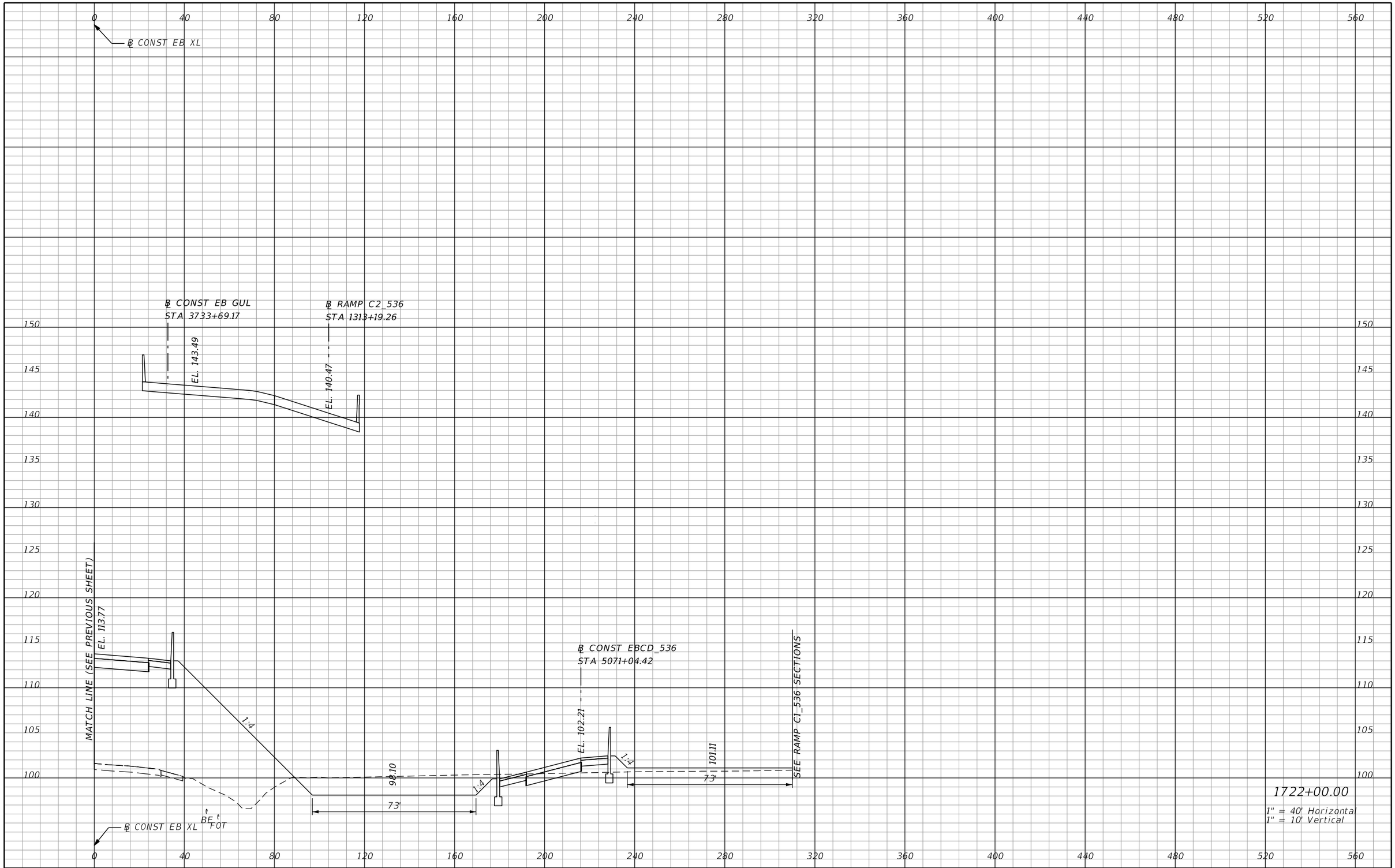
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 648

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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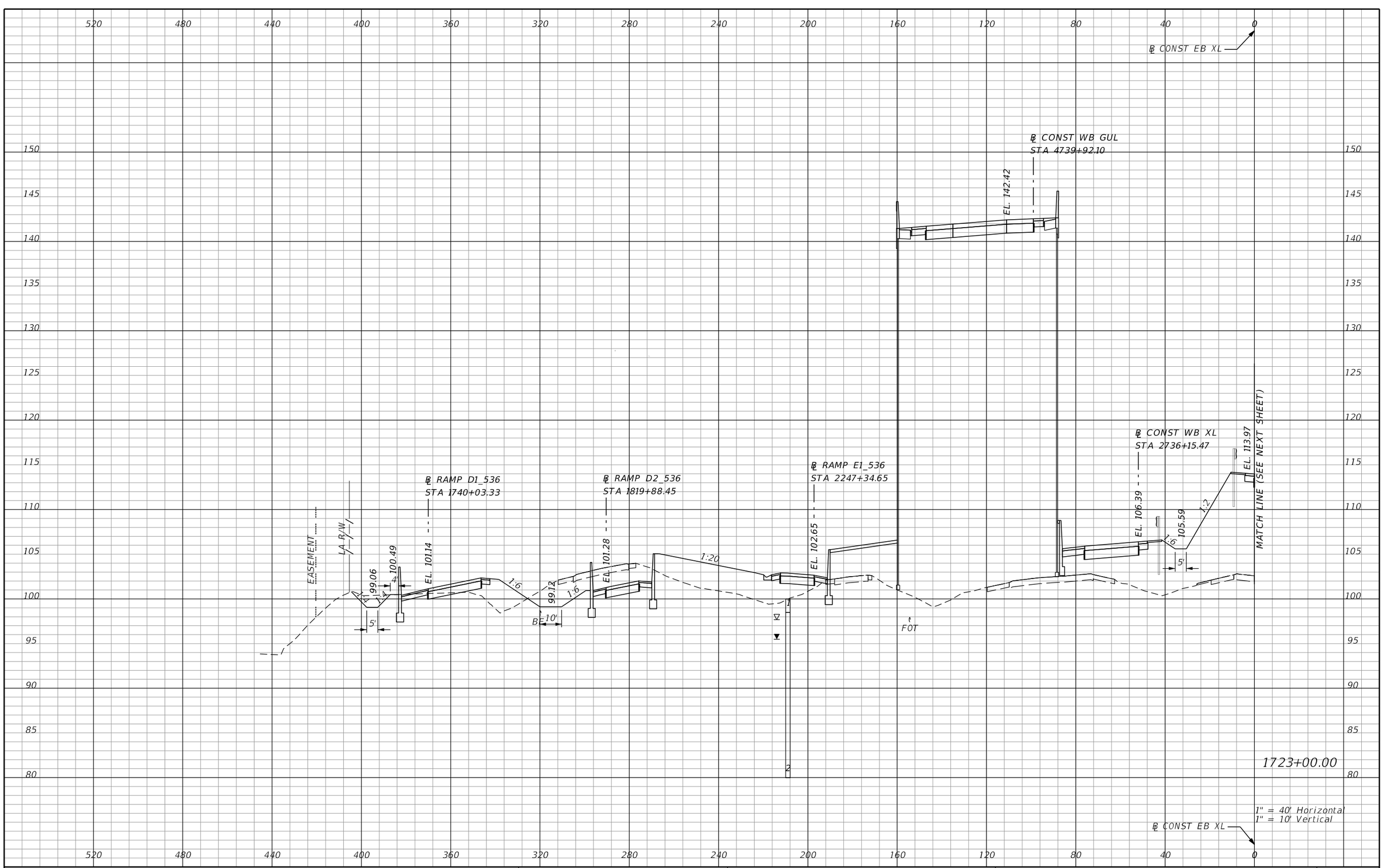
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 649

PRELIMINARY: NOT FOR CONSTRUCTION



PRELIMINARY: NOT FOR CONSTRUCTION

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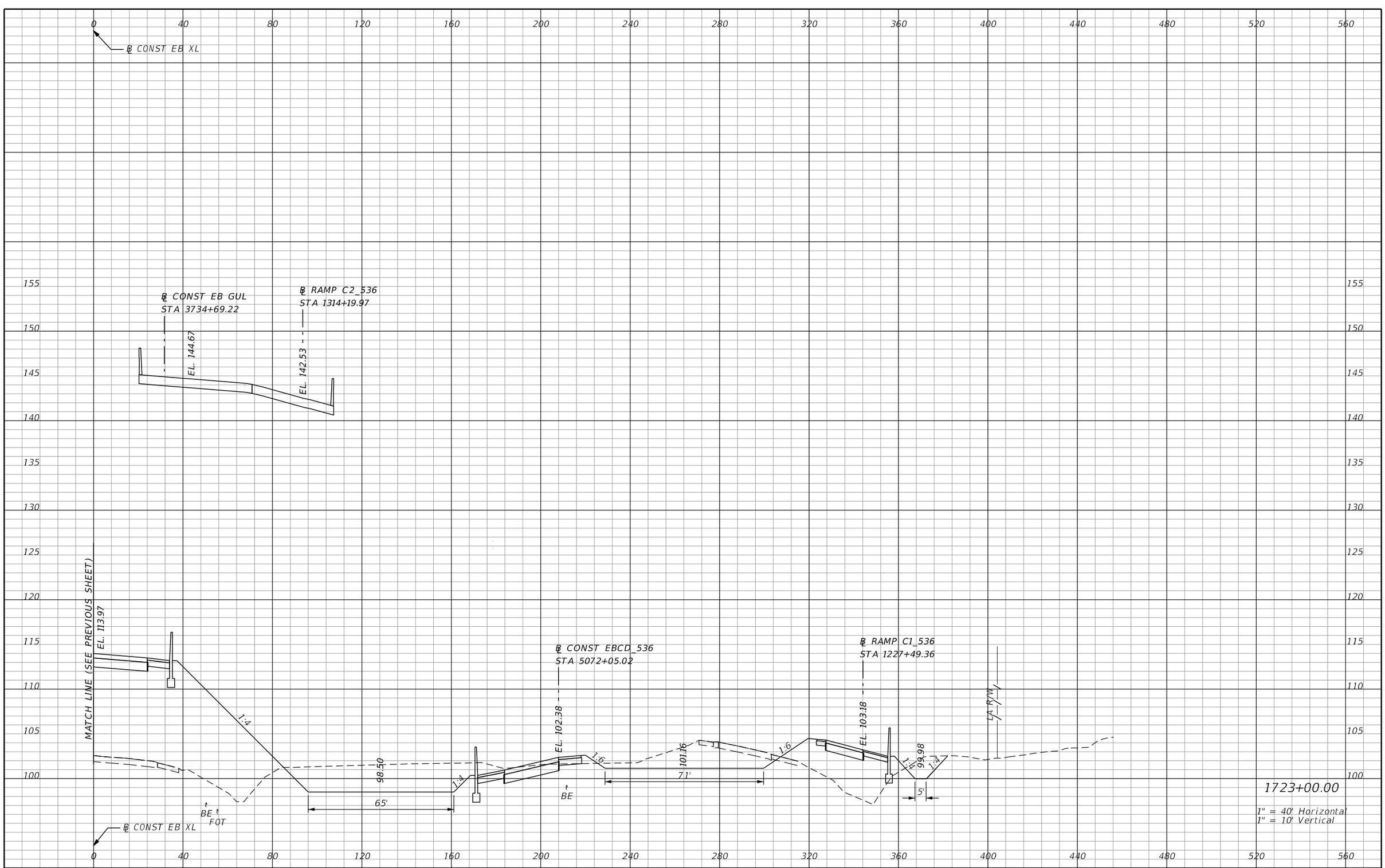
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
650



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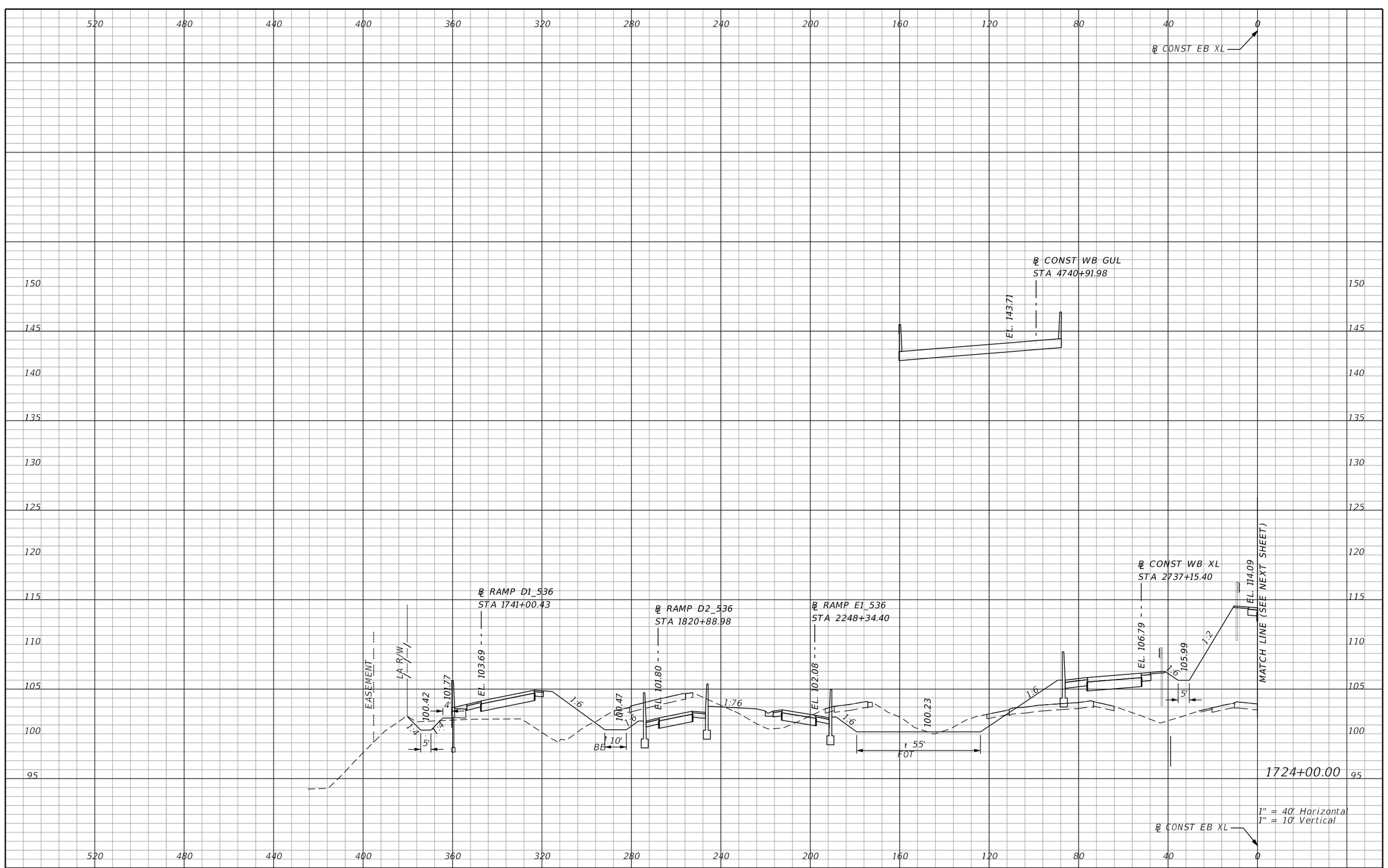
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 651

PRELIMINARY: NOT FOR CONSTRUCTION



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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 652

PRELIMINARY: NOT FOR CONSTRUCTION

℄ CONST EB XL

℄ CONST EB GUL
STA 3735+69.26

EL. 145.72

MATCH LINE (SEE PREVIOUS SHEET)
EL. 114.09

1:4

99.60

60'

1:4

BE

FOT

1

2

7

℄ CONST EBCD_536
STA 5073+06.03

EL. 102.91

1:6

101.21

37'

1:6

℄ RAMP C1_536
STA 1228+49.73

EL. 103.14

1:4

100.56

1:4

5'

LA R/W

1724+00.00

1" = 40' Horizontal
1" = 10' Vertical

℄ CONST EB XL

0 40 80 120 160 200 240 280 320 360 400 440 480 520 560

155 150 145 140 135 130 125 120 115 110 105 100 95 90 85 80

PRELIMINARY: NOT FOR CONSTRUCTION

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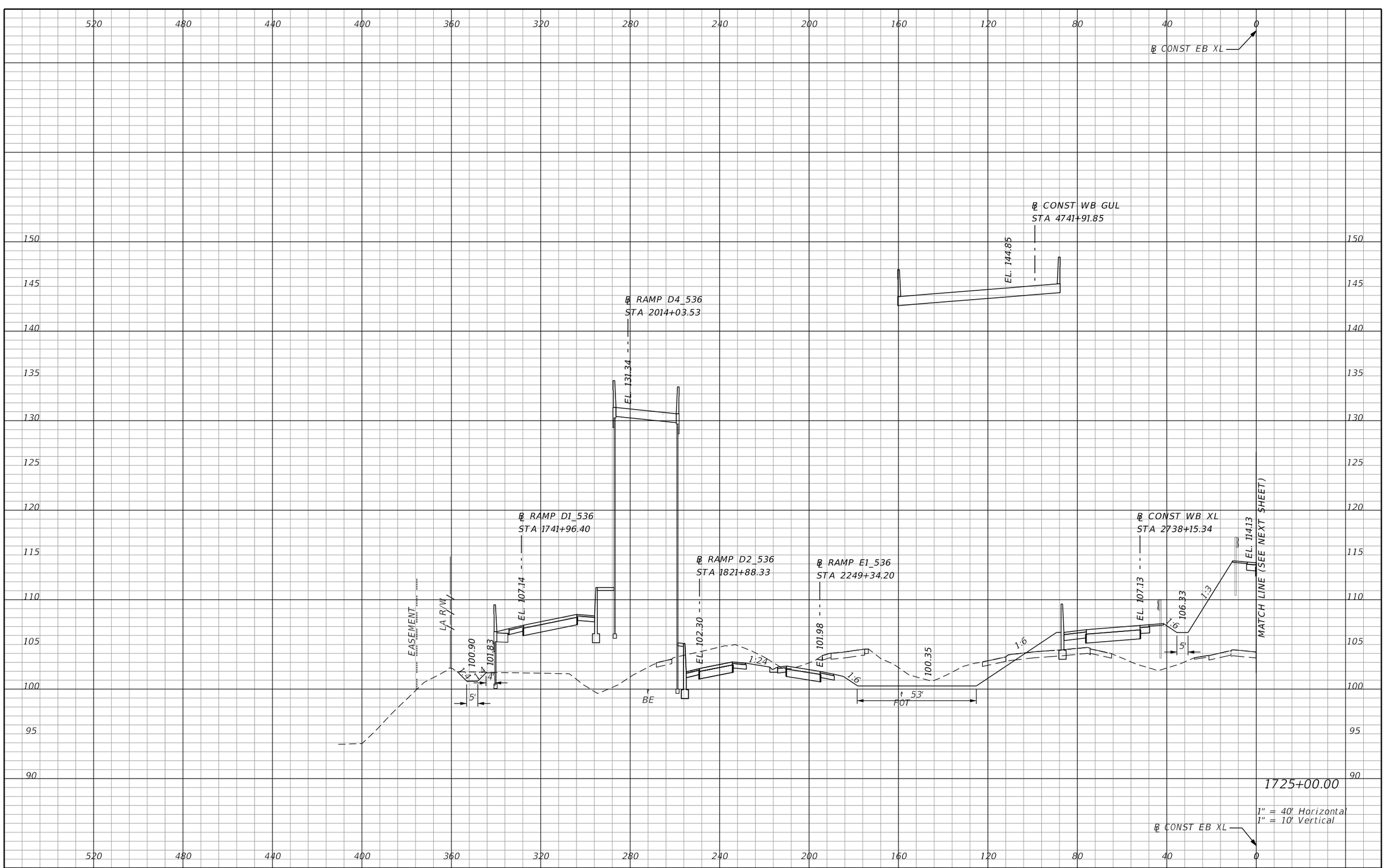
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 653



PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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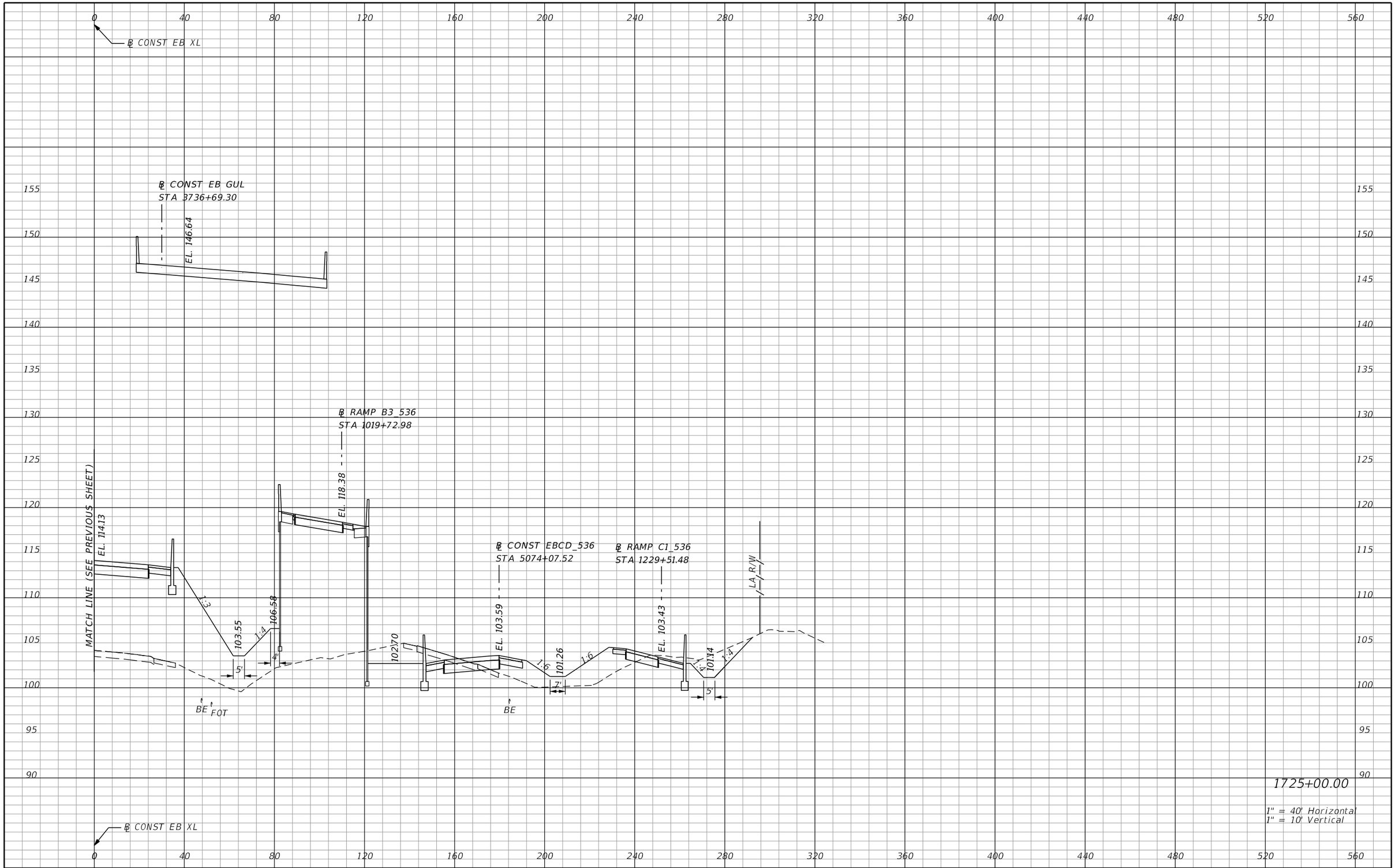
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 654



REVISIONS			
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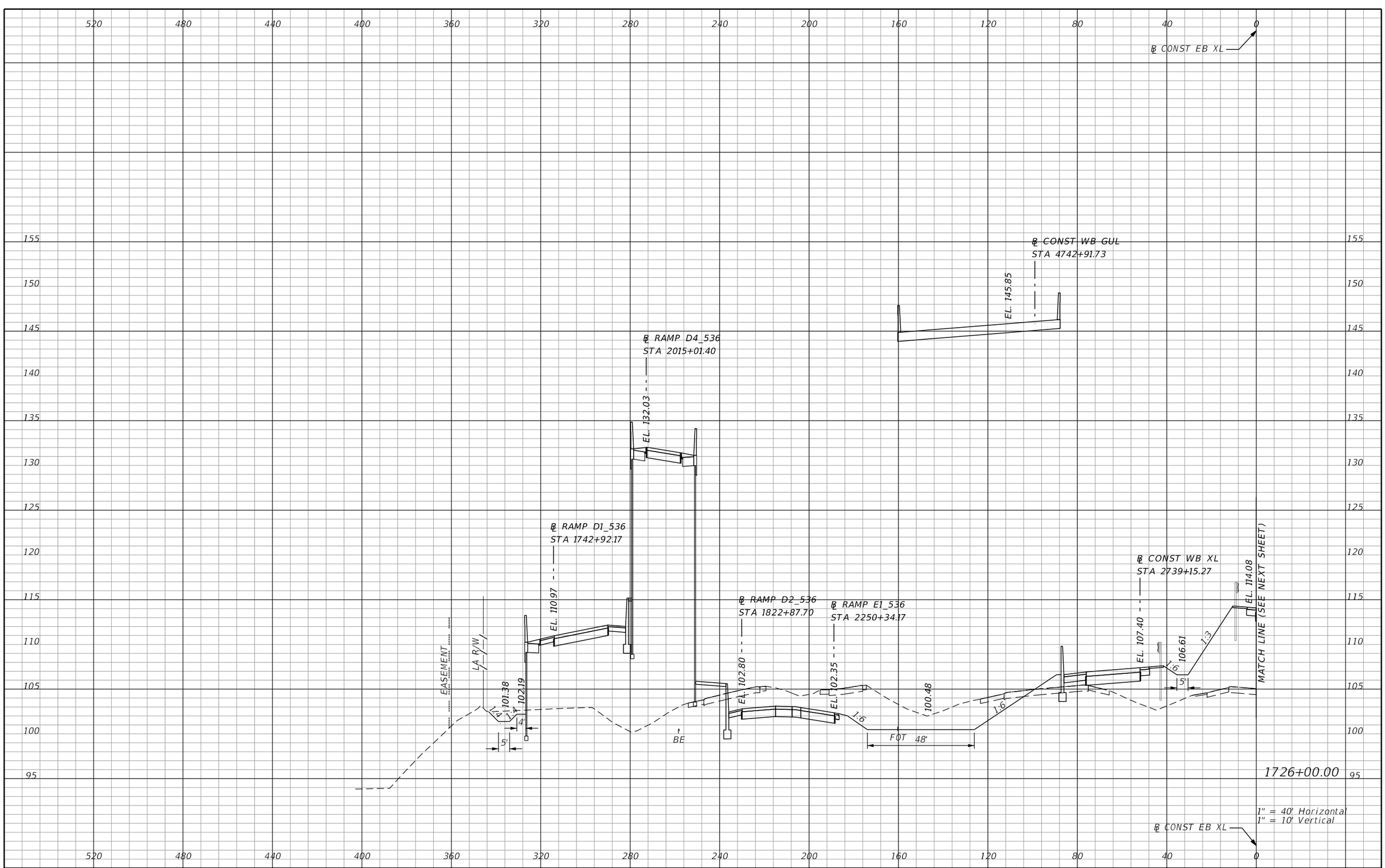
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 655

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/25/2021 5:10:23 PM c:\pwworking\aecom_na\glen.dvorovy\dms28329\RDXSRD01_SEGE2_MAINLINE.DGN



PRELIMINARY: NOT FOR CONSTRUCTION

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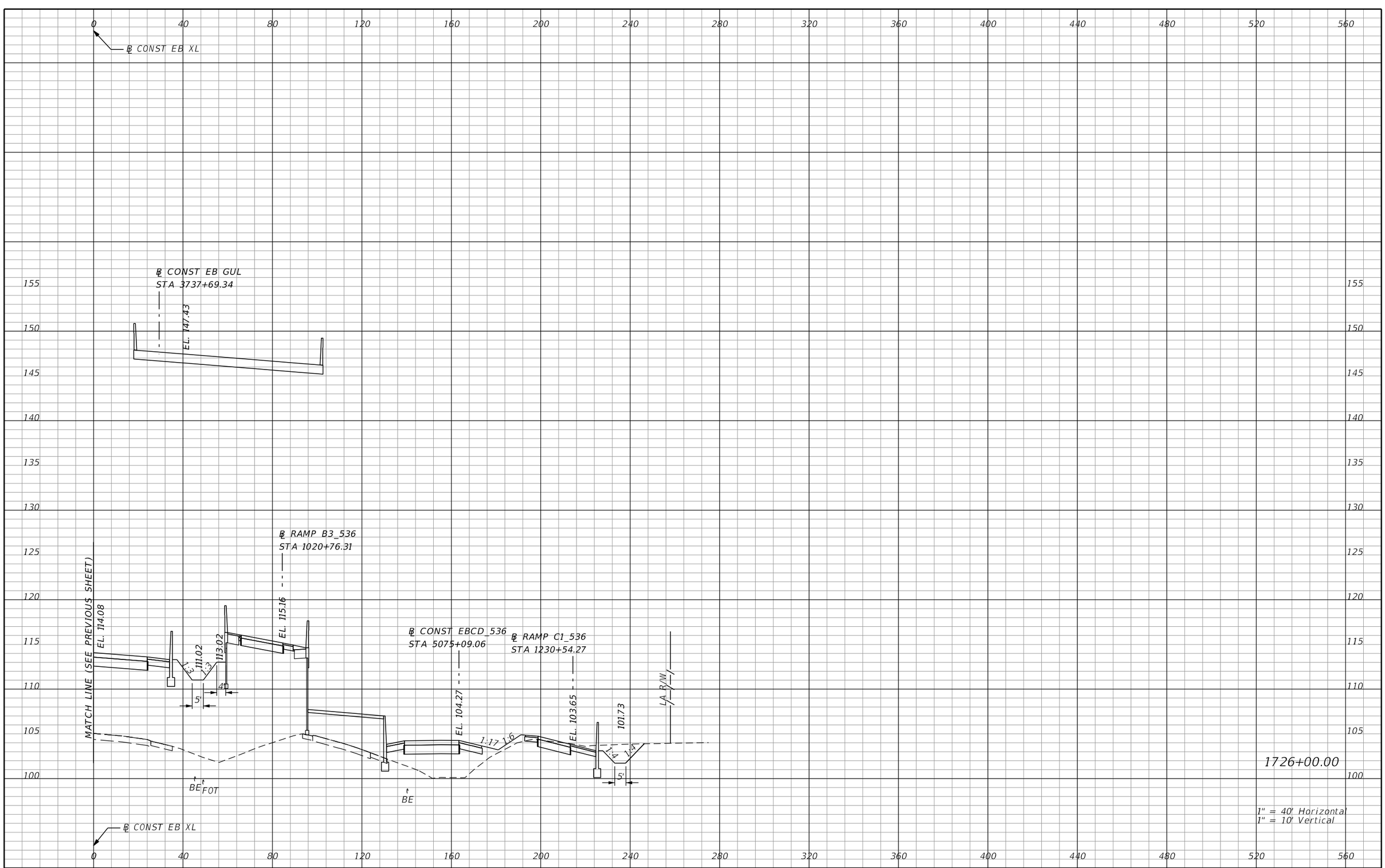
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 656



REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 657

PRELIMINARY: NOT FOR CONSTRUCTION

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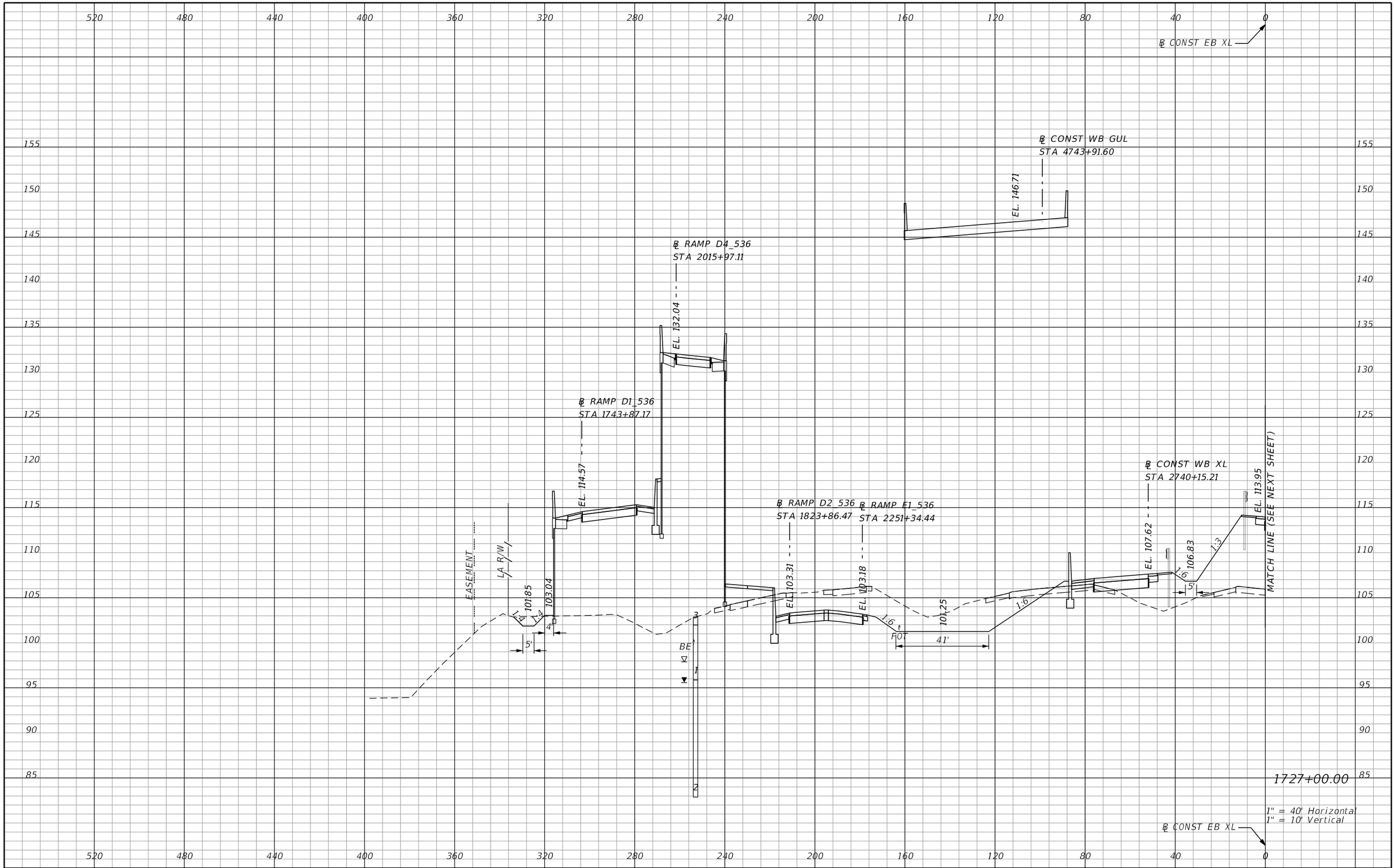

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 658

PRELIMINARY: NOT FOR CONSTRUCTION

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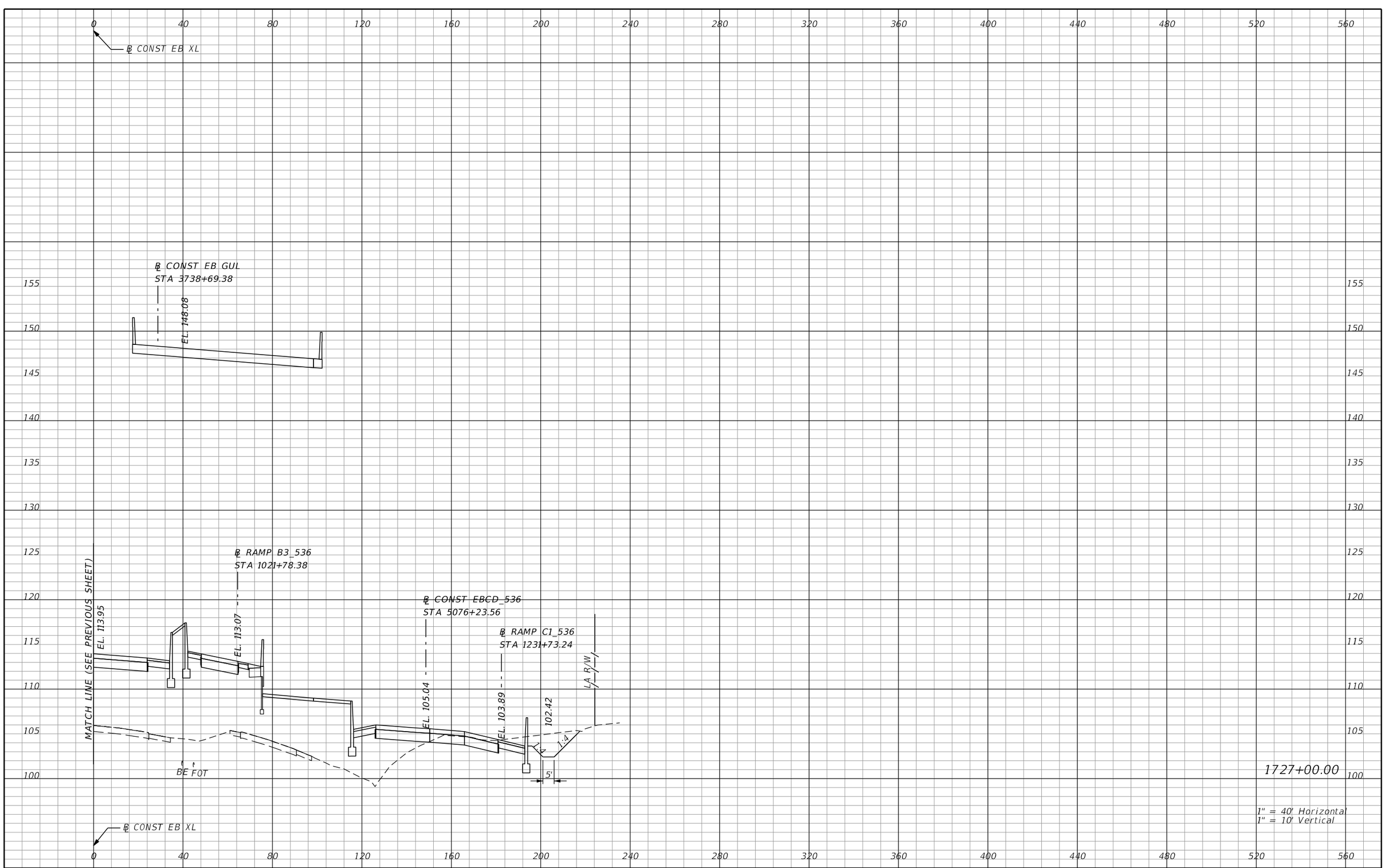

1727+00.00

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
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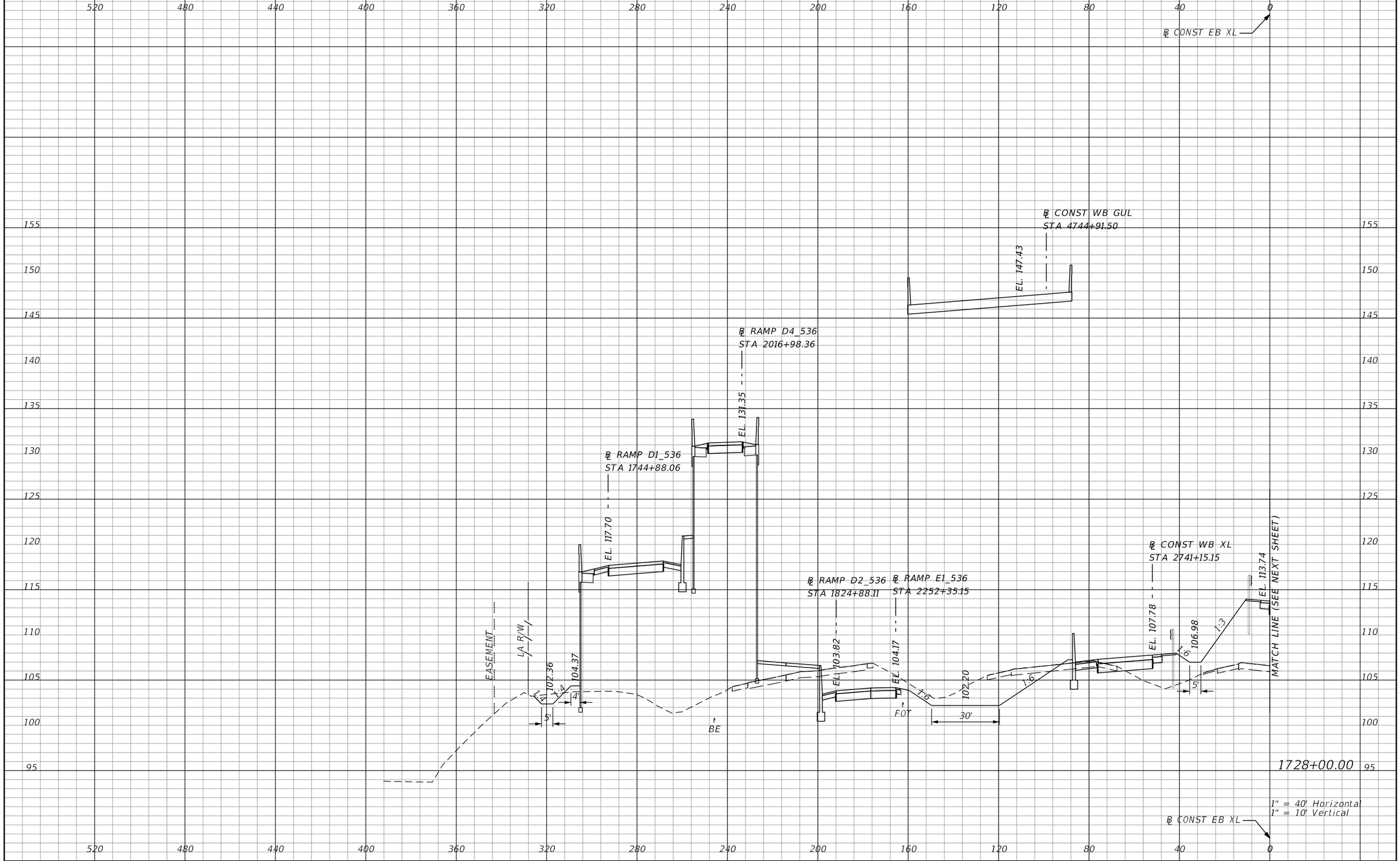
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 659



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
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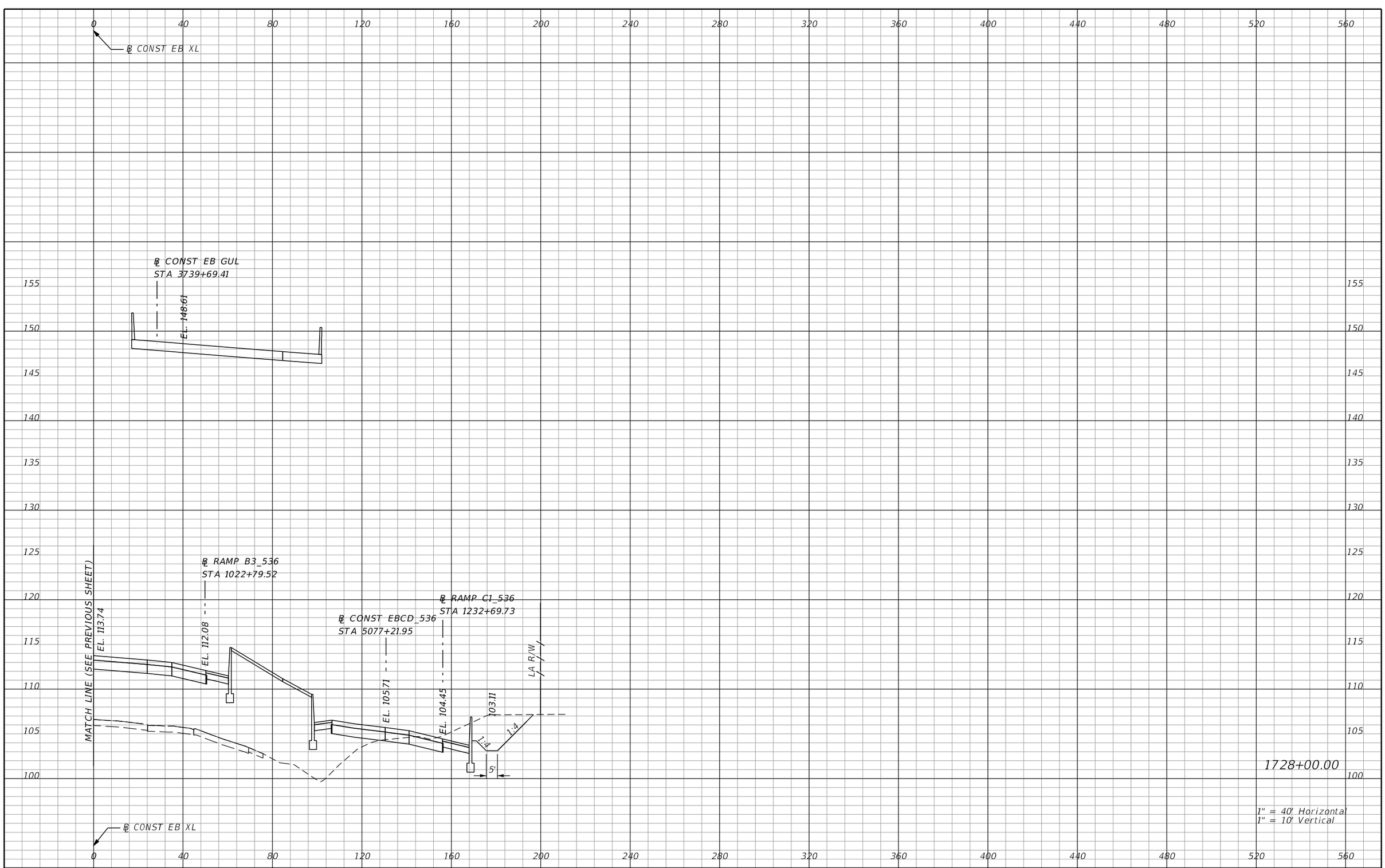
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 660

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 661

PRELIMINARY: NOT FOR CONSTRUCTION

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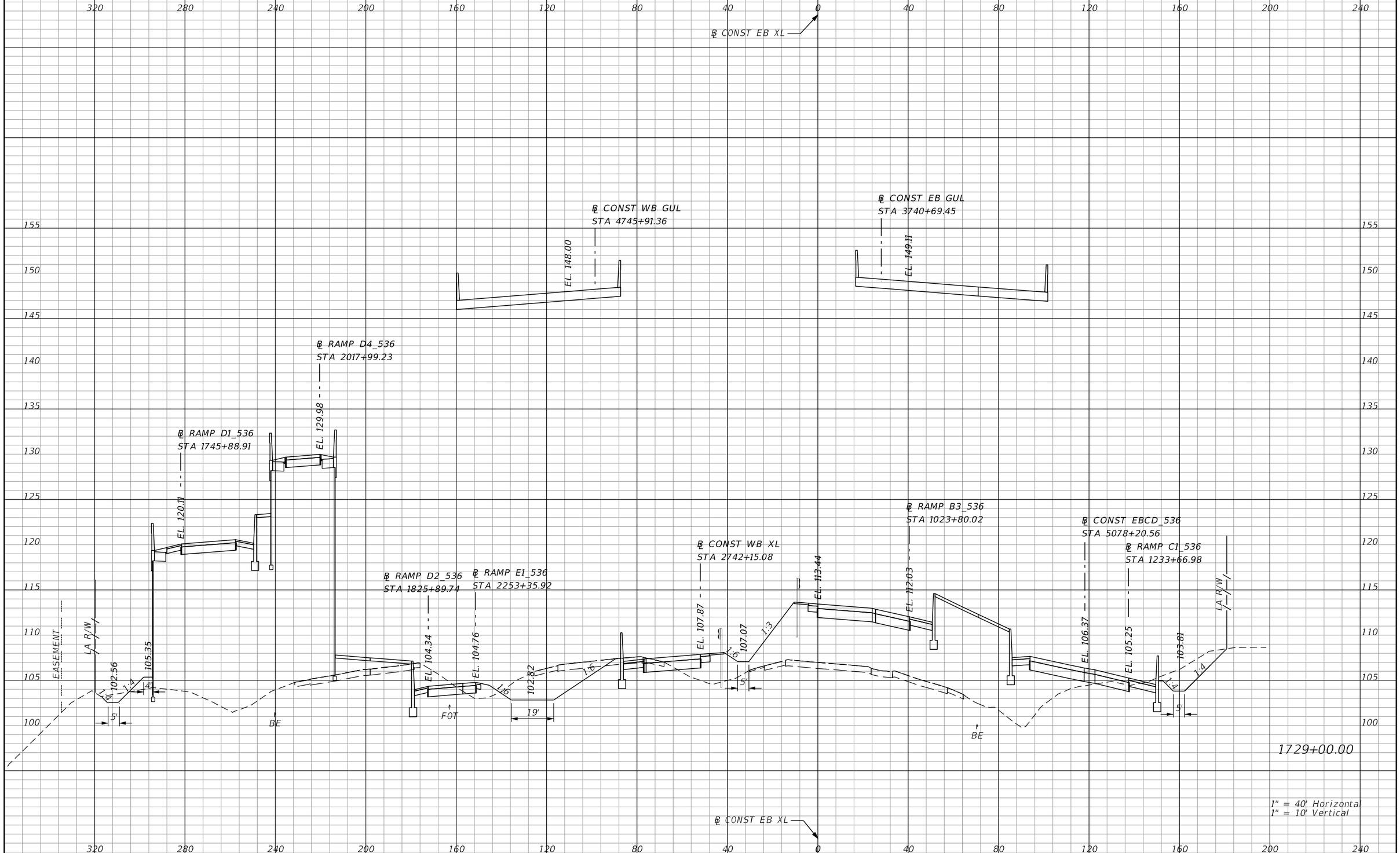

1729+00.00

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 662

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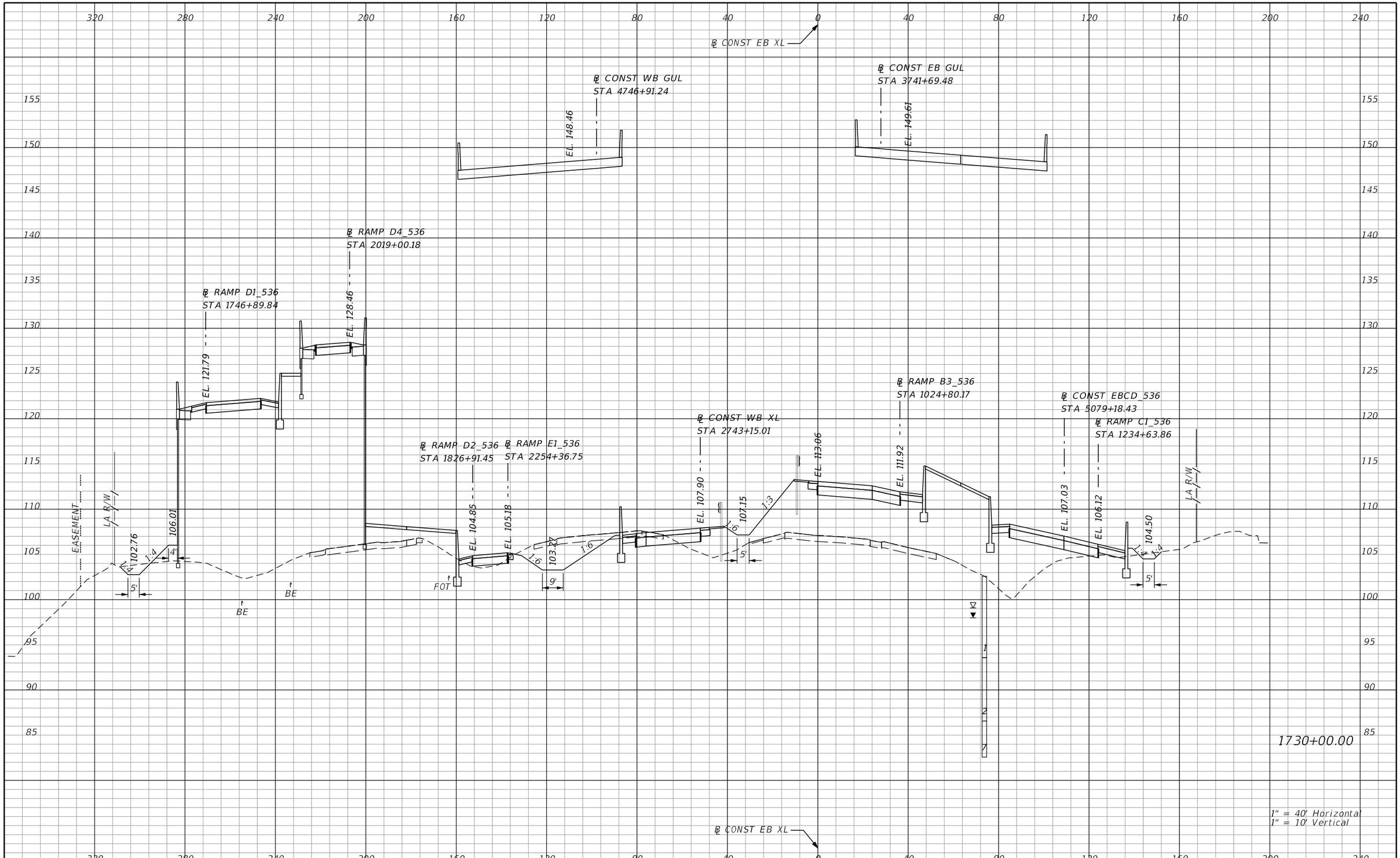

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
663

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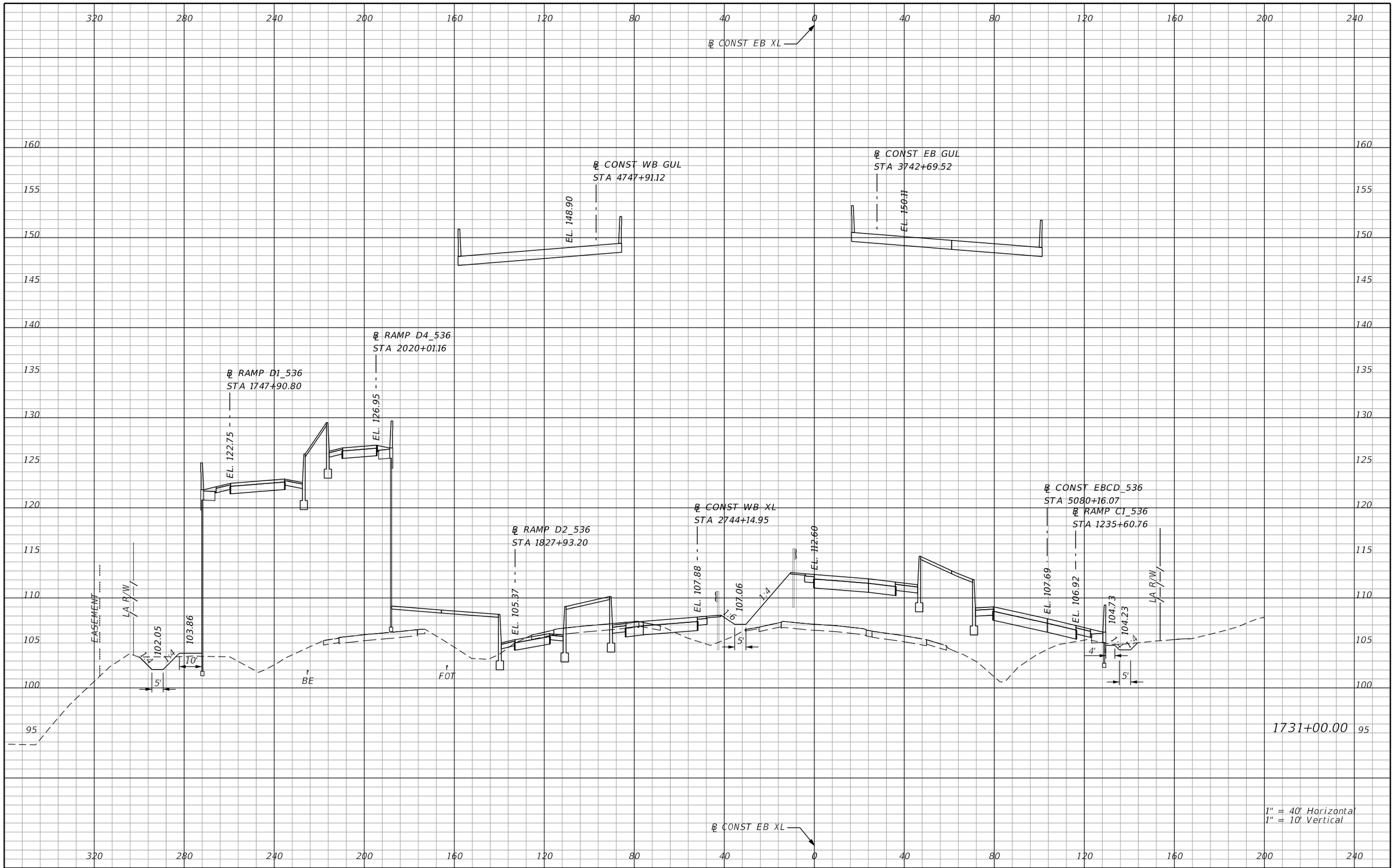

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 664

PRELIMINARY: NOT FOR CONSTRUCTION

glen.dvorovy 2/25/2021 5:10:58 PM c:\pwworking\aecom_na\glen.dvorovy\dms28329\RDXSRD01_SEGE2_MAINLINE.DGN

℄ CONST EB XL

℄ CONST WB GUL
STA 4748+91.07
EL. 149.34

℄ CONST EB GUL
STA 3743+69.53
EL. 150.61

℄ RAMP D4_536
STA 2021+02.28
EL. 125.43

℄ RAMP D1_536
STA 1748+91.92
EL. 122.98

℄ RAMP D2_536
STA 1828+94.71
EL. 105.85

℄ CONST WB XL
STA 2745+14.92
EL. 107.79
EL. 112.10
107.00
6'
1:4

℄ CONST EBCD 536
STA 5081+14.27
EL. 108.35
104.46
103.96
4'
1:4
5'
LA R/W

EASEMENT
LA R/W
101.33
103.38
1:4
1:4
10'
5'
FOT
BF
1
2
7
4

1732+00.00

1" = 40' Horizontal
1" = 10' Vertical

℄ CONST EB XL

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

155 150 145 140 135 130 125 120 115 110 105 100 95 90 85

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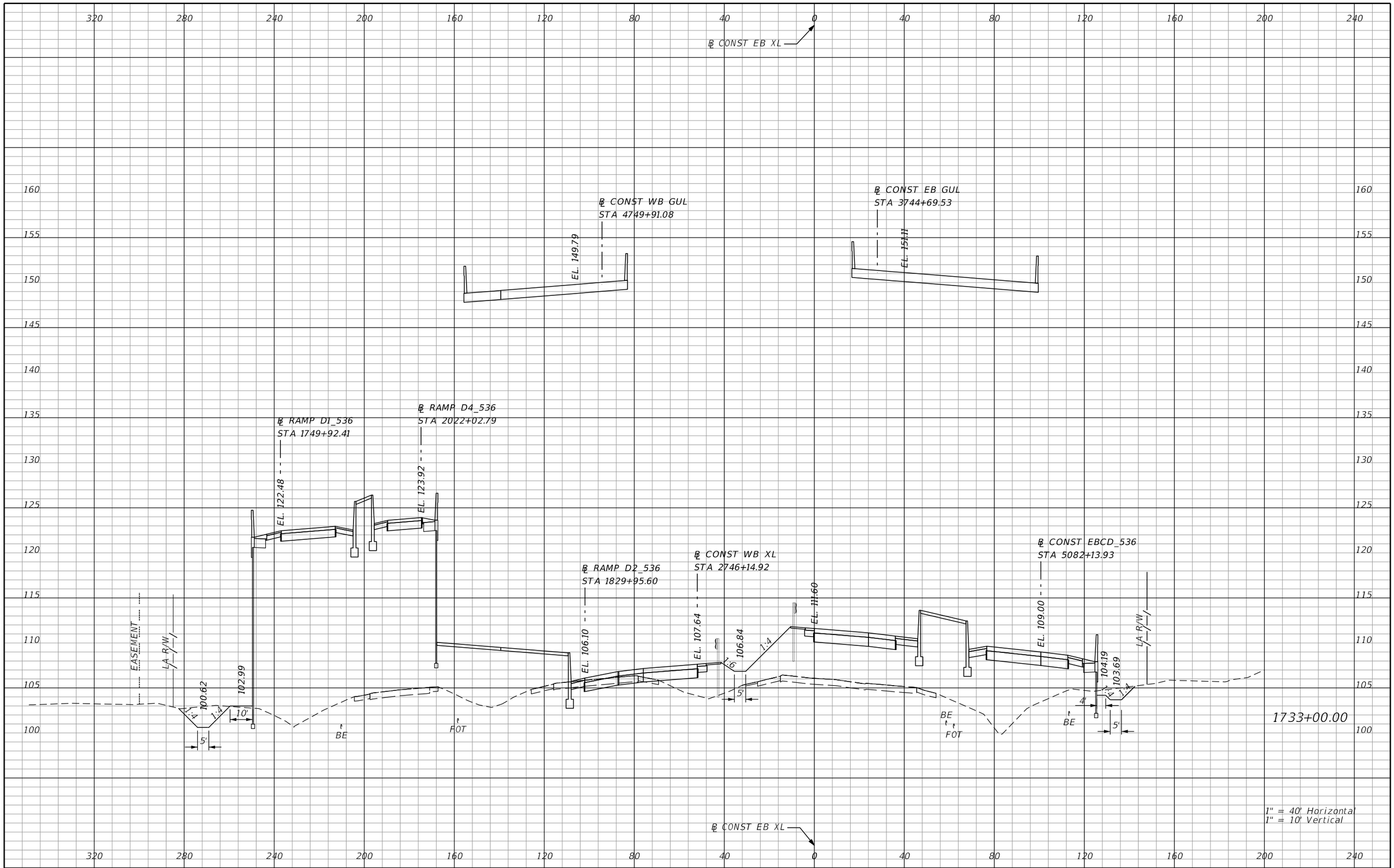
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 665

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 666

PRELIMINARY: NOT FOR CONSTRUCTION

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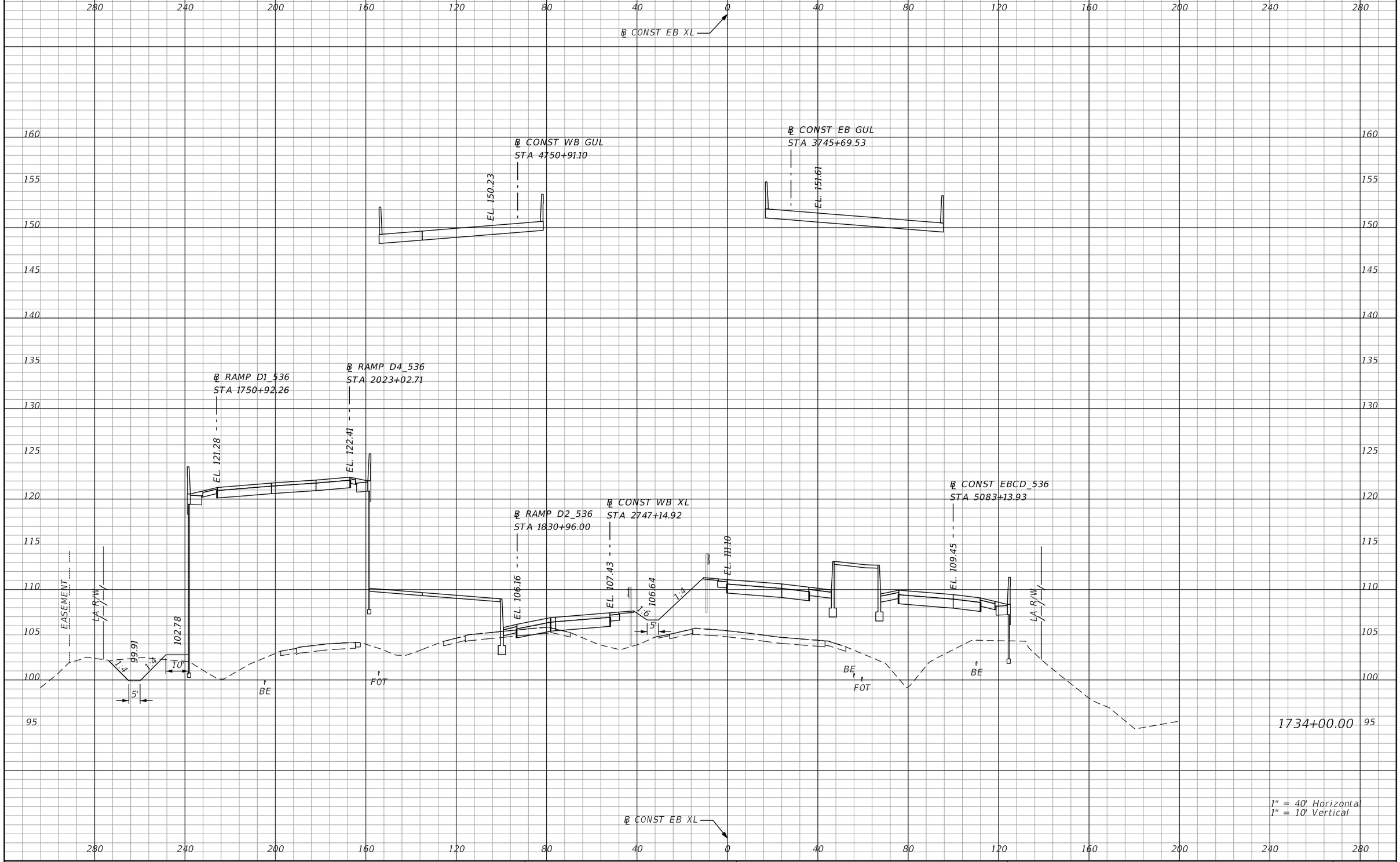

PRELIMINARY: NOT FOR CONSTRUCTION

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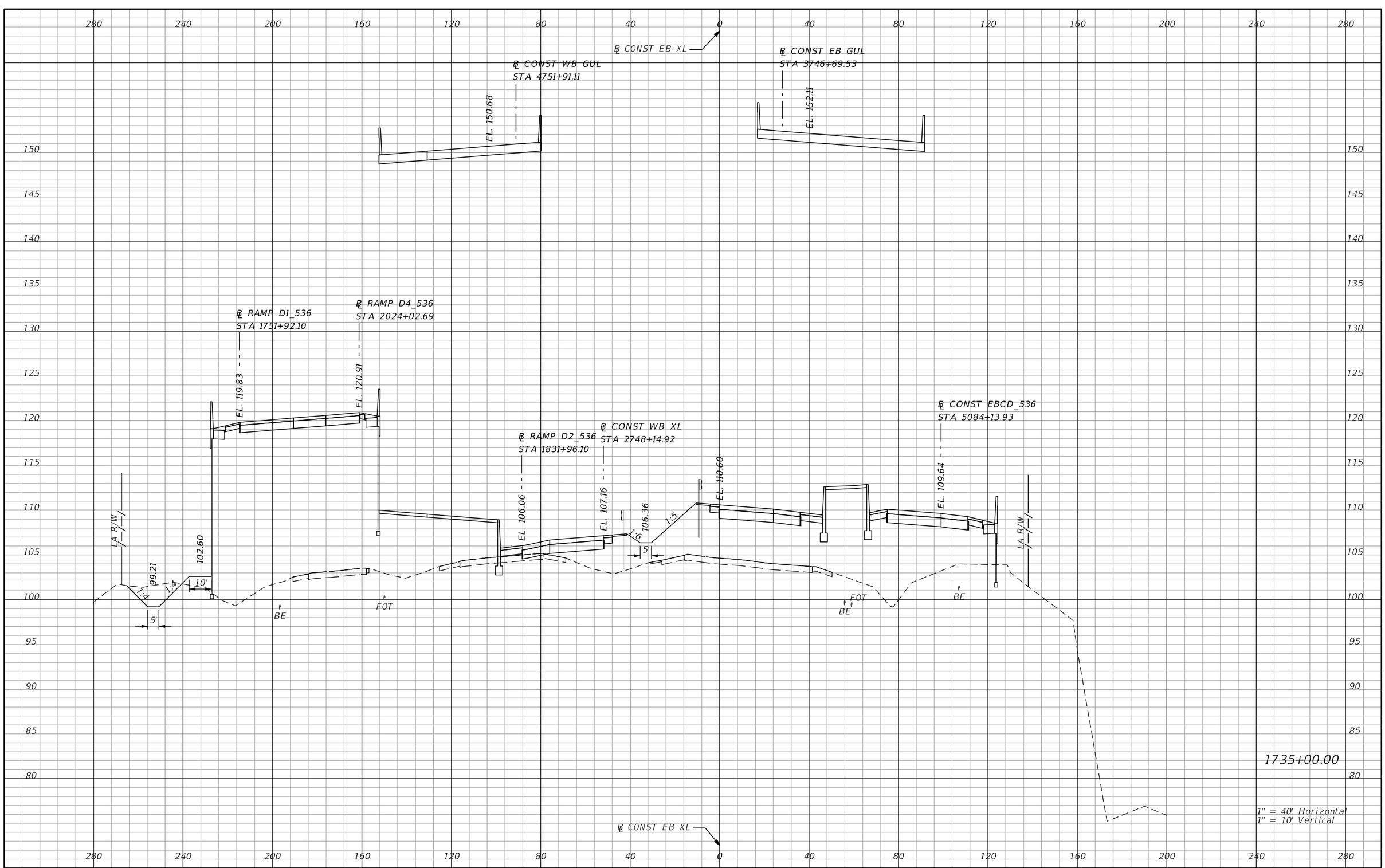
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 667



REVISIONS			
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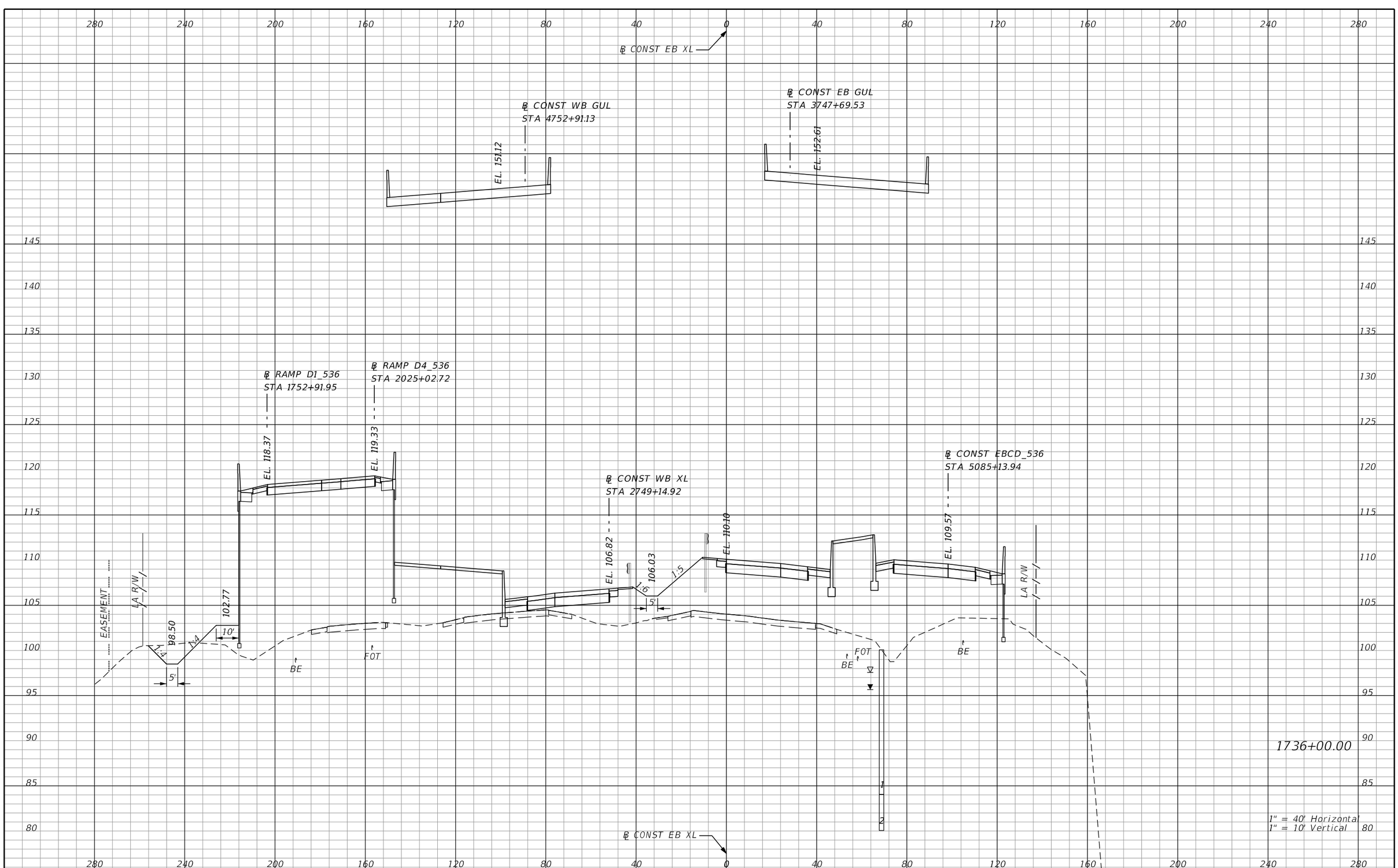
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 668

PRELIMINARY: NOT FOR CONSTRUCTION



PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 669

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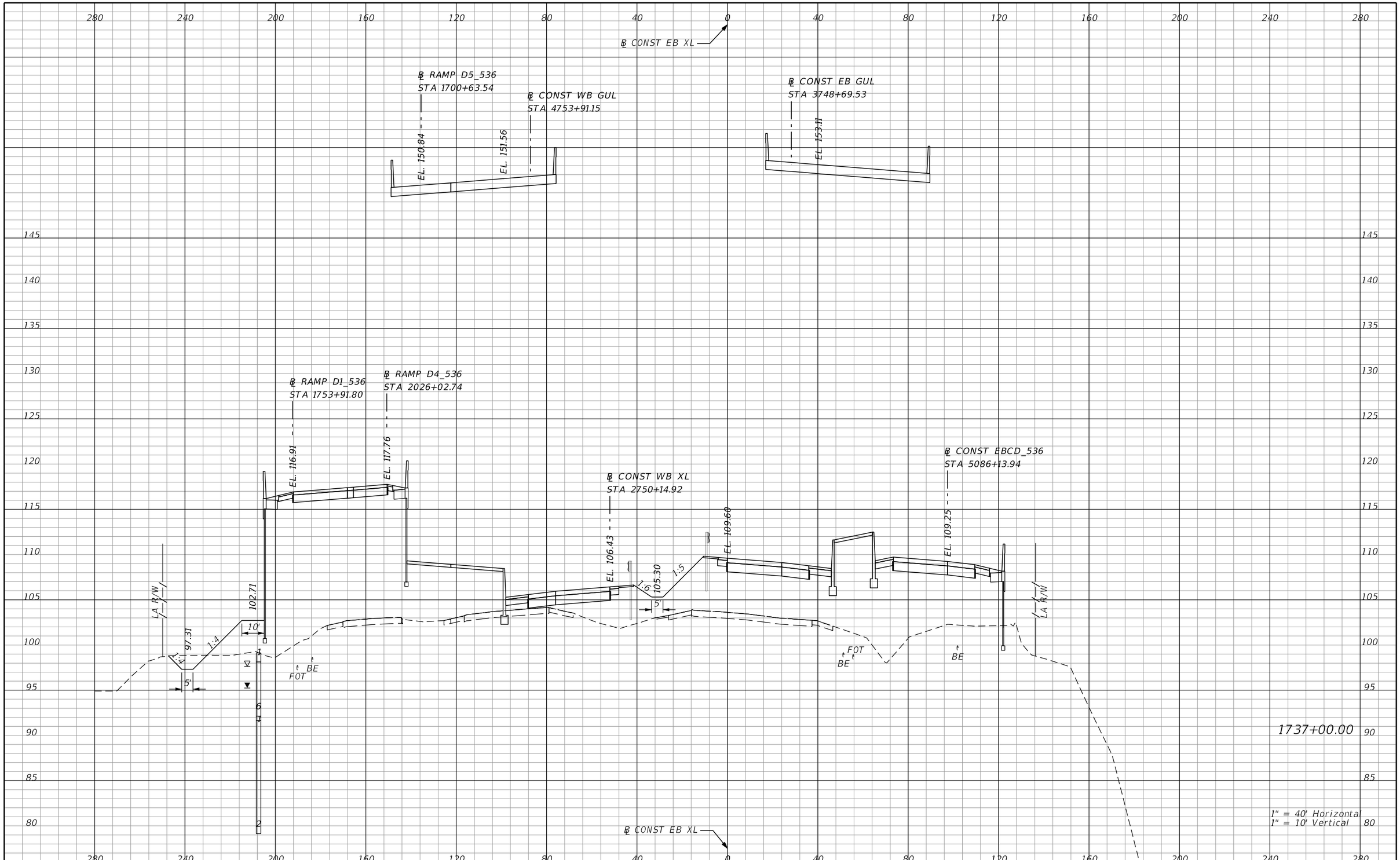

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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150 North Orange Avenue, Suite 200
Orlando, FL. 32801
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
670

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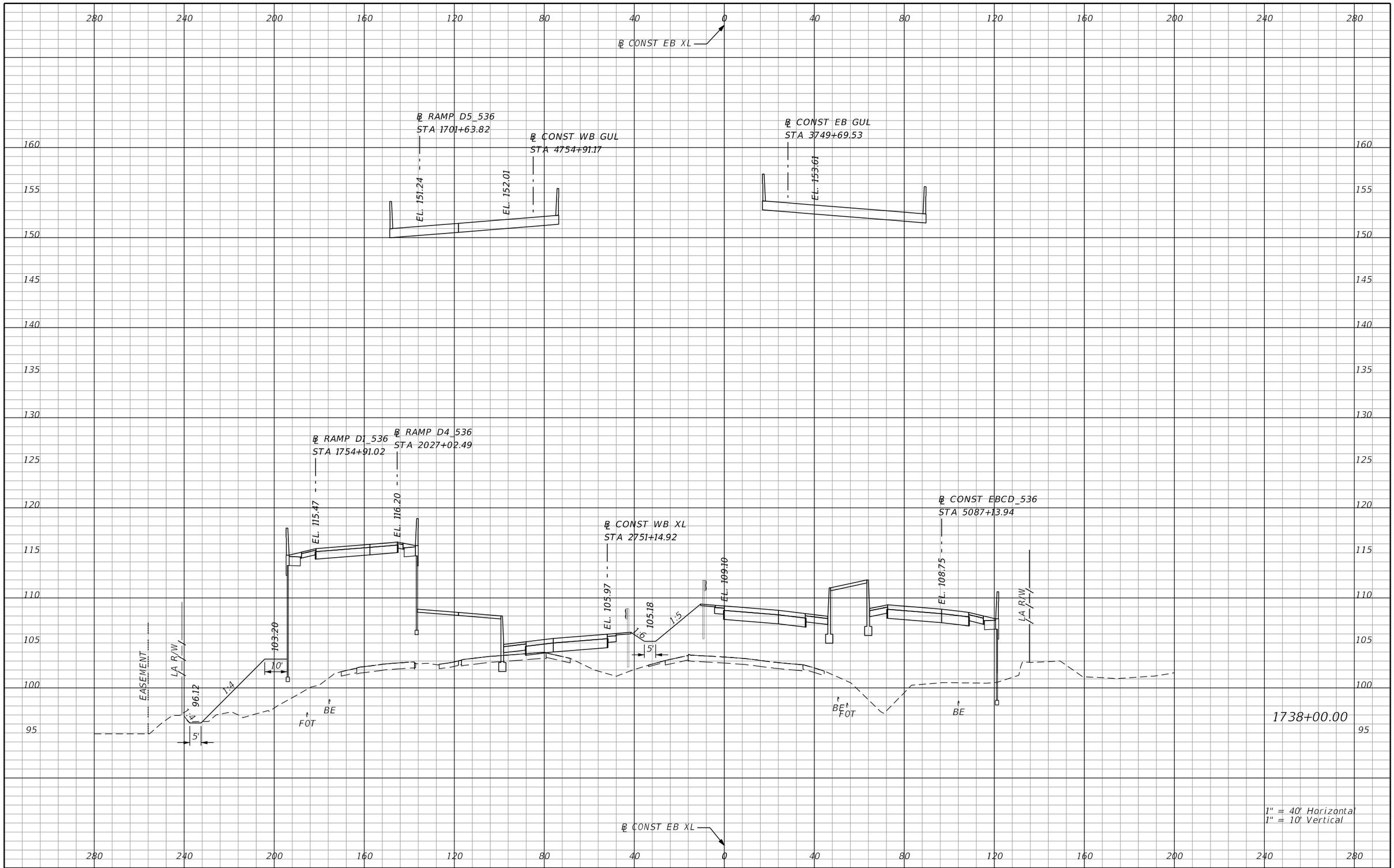

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Orlando, FL, 32801
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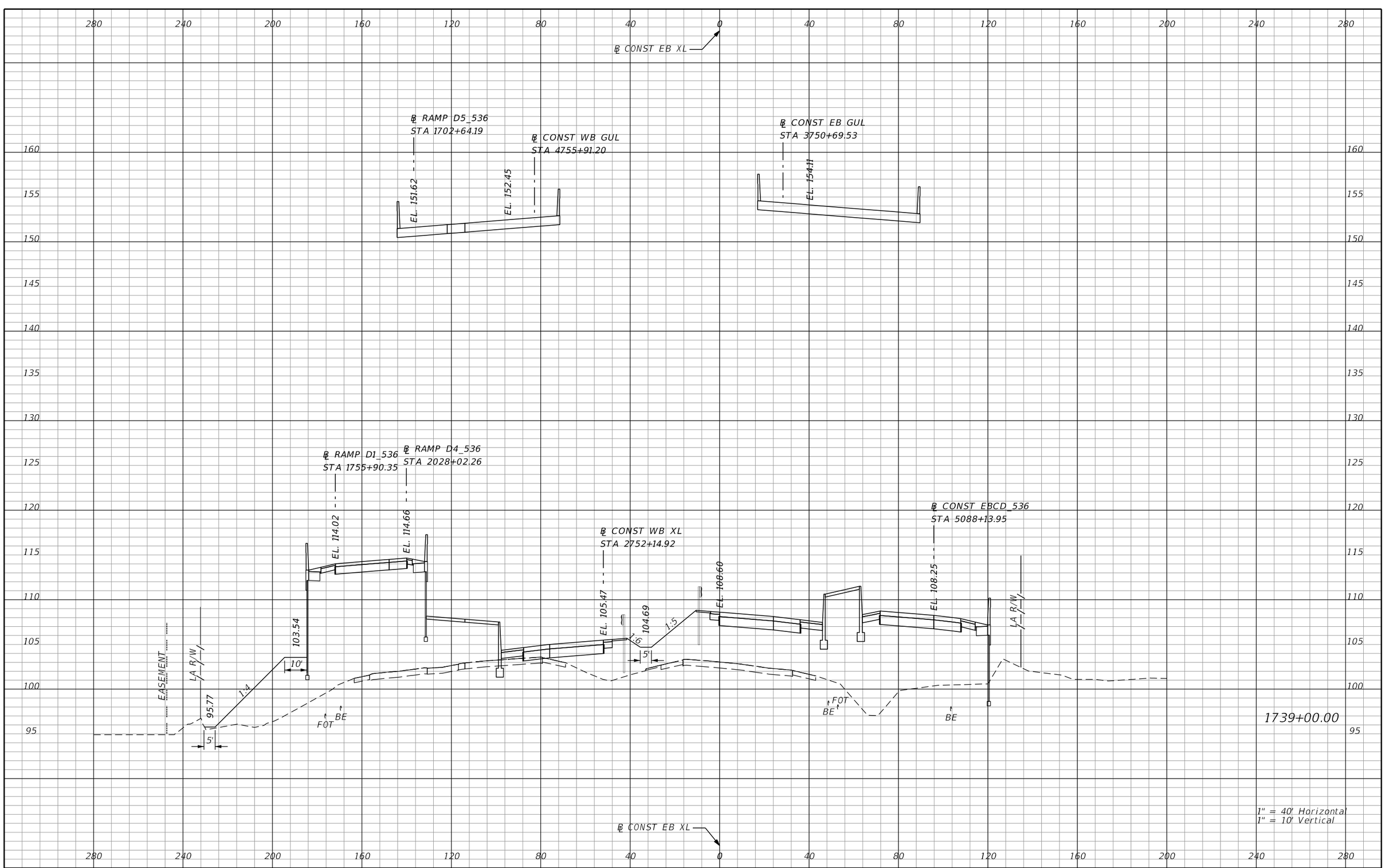
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 671

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Orlando, FL, 32801
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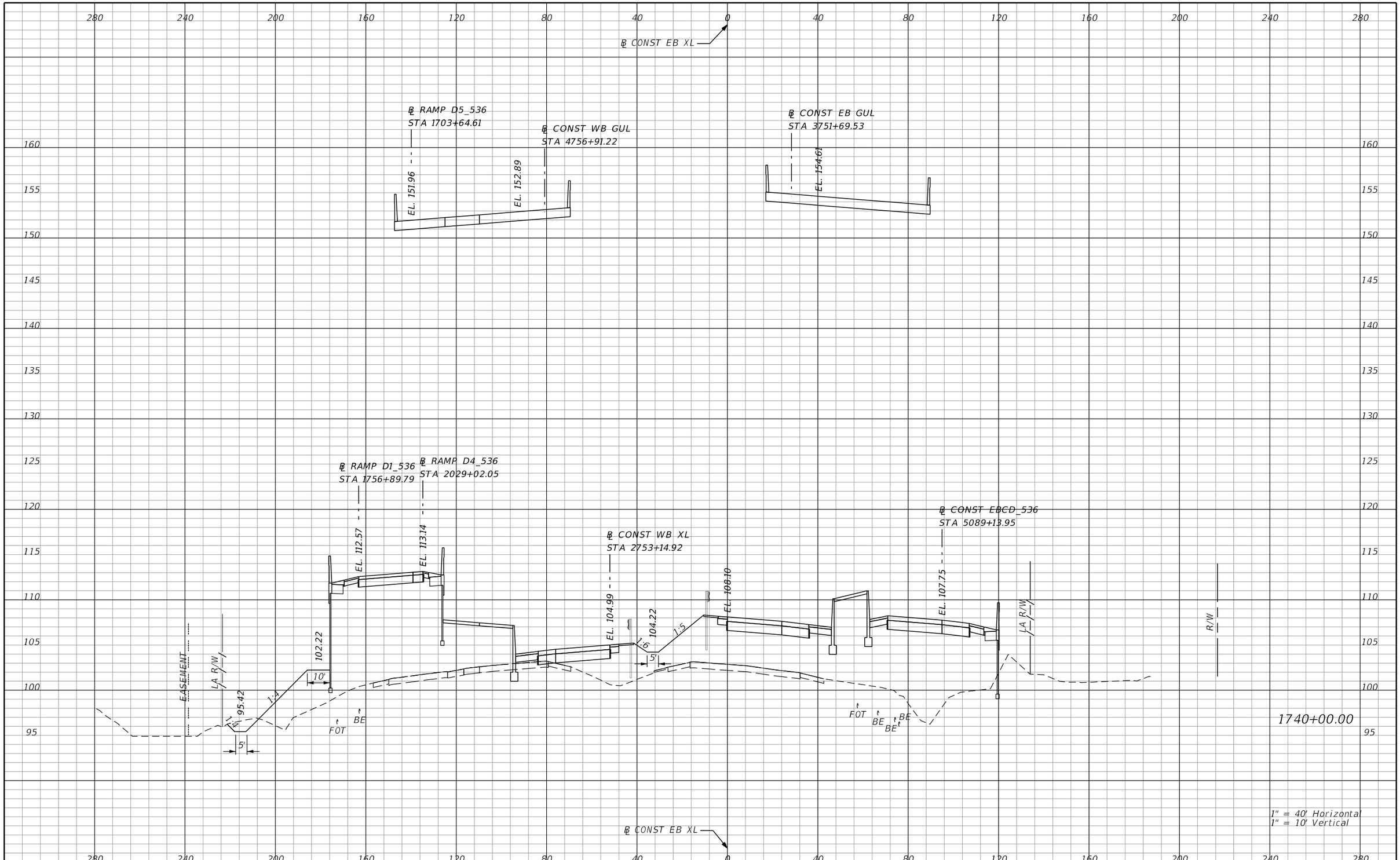
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 672

PRELIMINARY: NOT FOR CONSTRUCTION



PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) CROSS SECTIONS

SHEET NO. 673

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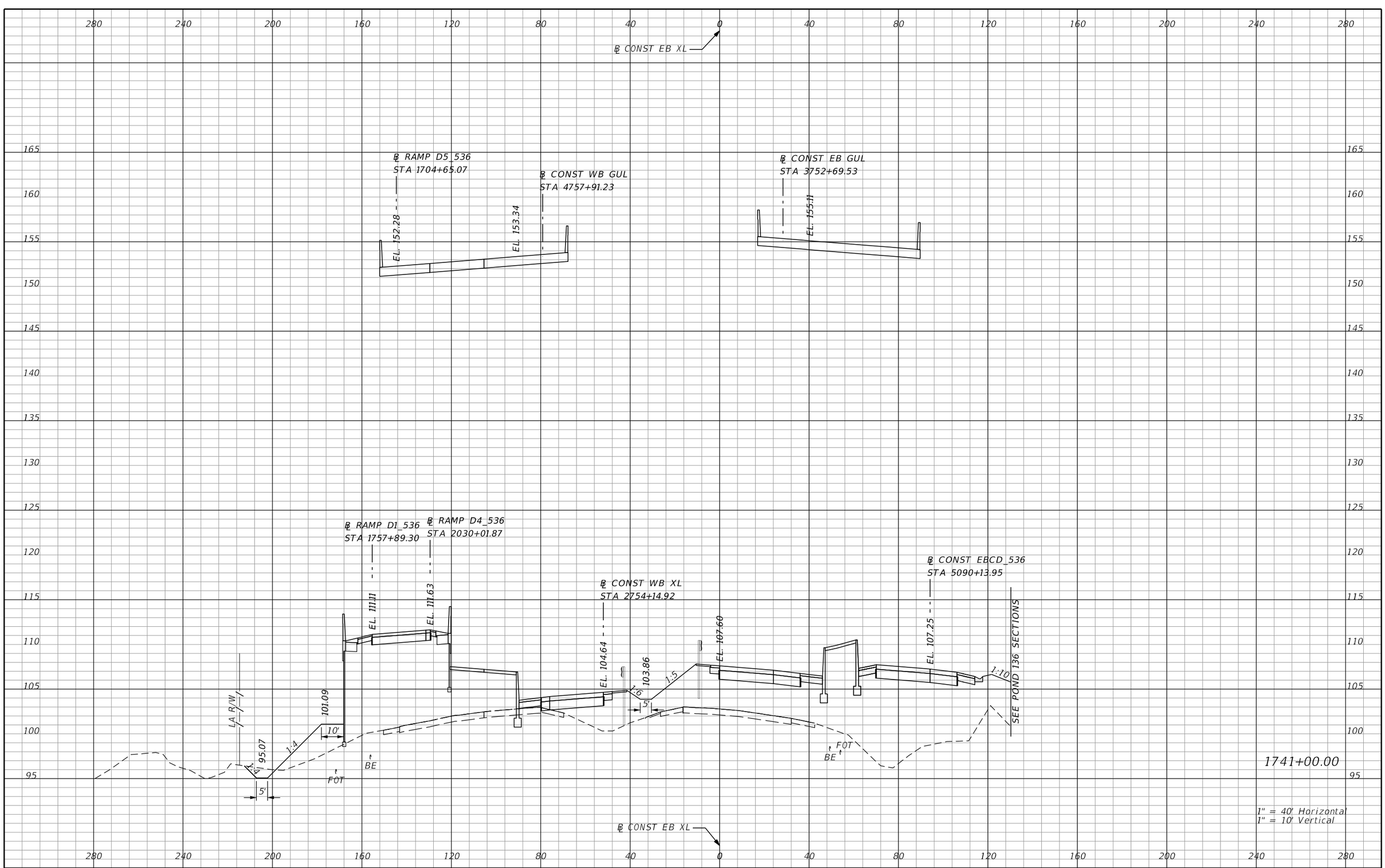

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 674

PRELIMINARY: NOT FOR CONSTRUCTION

℄ CONST EB XL

℄ RAMP D5_536
STA 1705+65.51

℄ CONST WB GUL
STA 4758+91.24

℄ CONST EB GUL
STA 3753+69.53

℄ RAMP D1_536
STA 1758+88.88

℄ RAMP D4_536
STA 2031+01.70

℄ CONST WB XL
STA 2755+14.92

℄ CONST EBCD_536
STA 5091+13.96

EL. 152.58
EL. 153.78
EL. 155.61
EL. 109.66
EL. 110.16
EL. 104.43
EL. 103.65
EL. 107.10
EL. 106.75
SEE POND 136 SECTIONS
LA R/W
95.13
101.35
1:4
10'
5'
1.5
6'
BE
FOT
1742+00.00
1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 675

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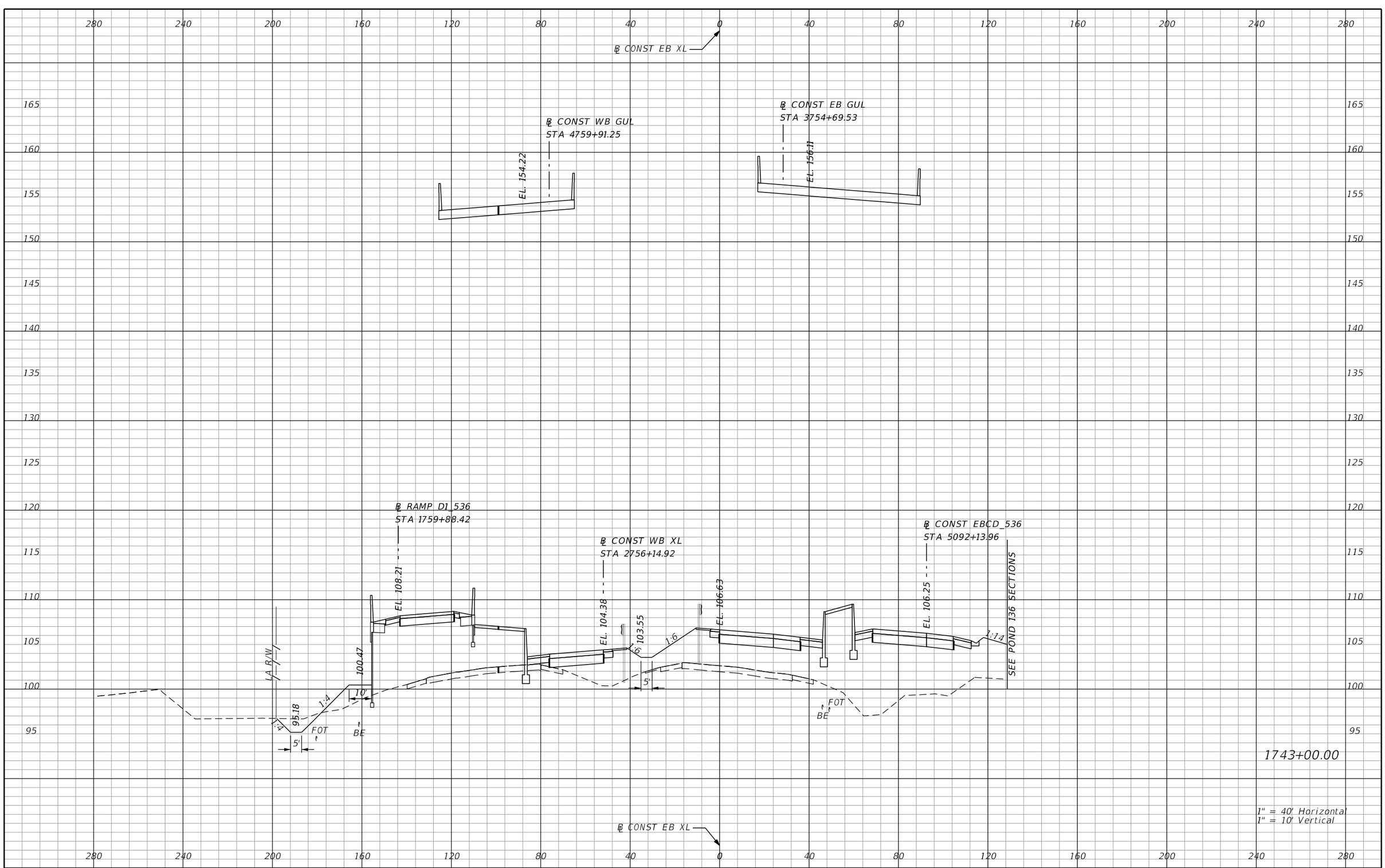

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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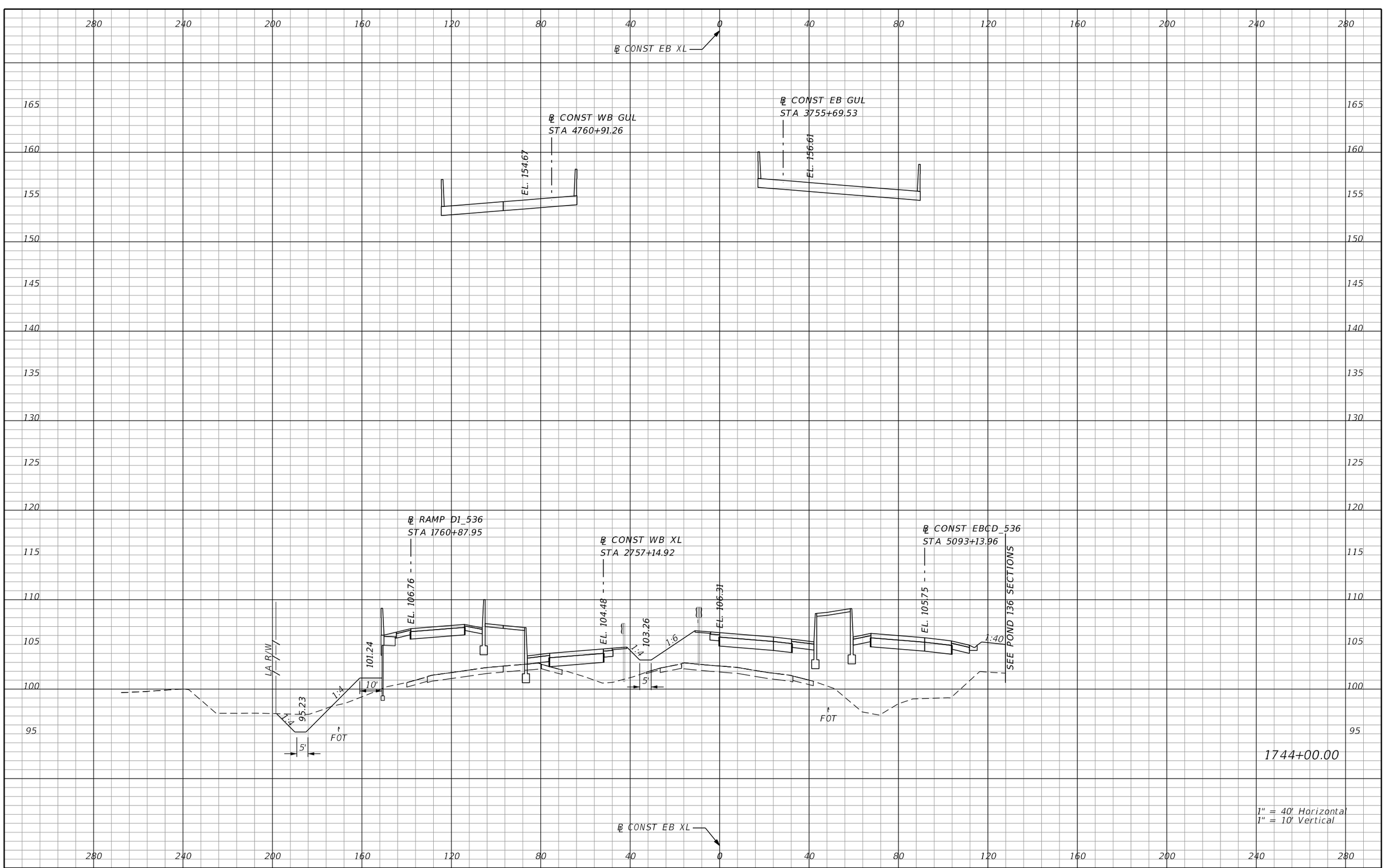
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 676

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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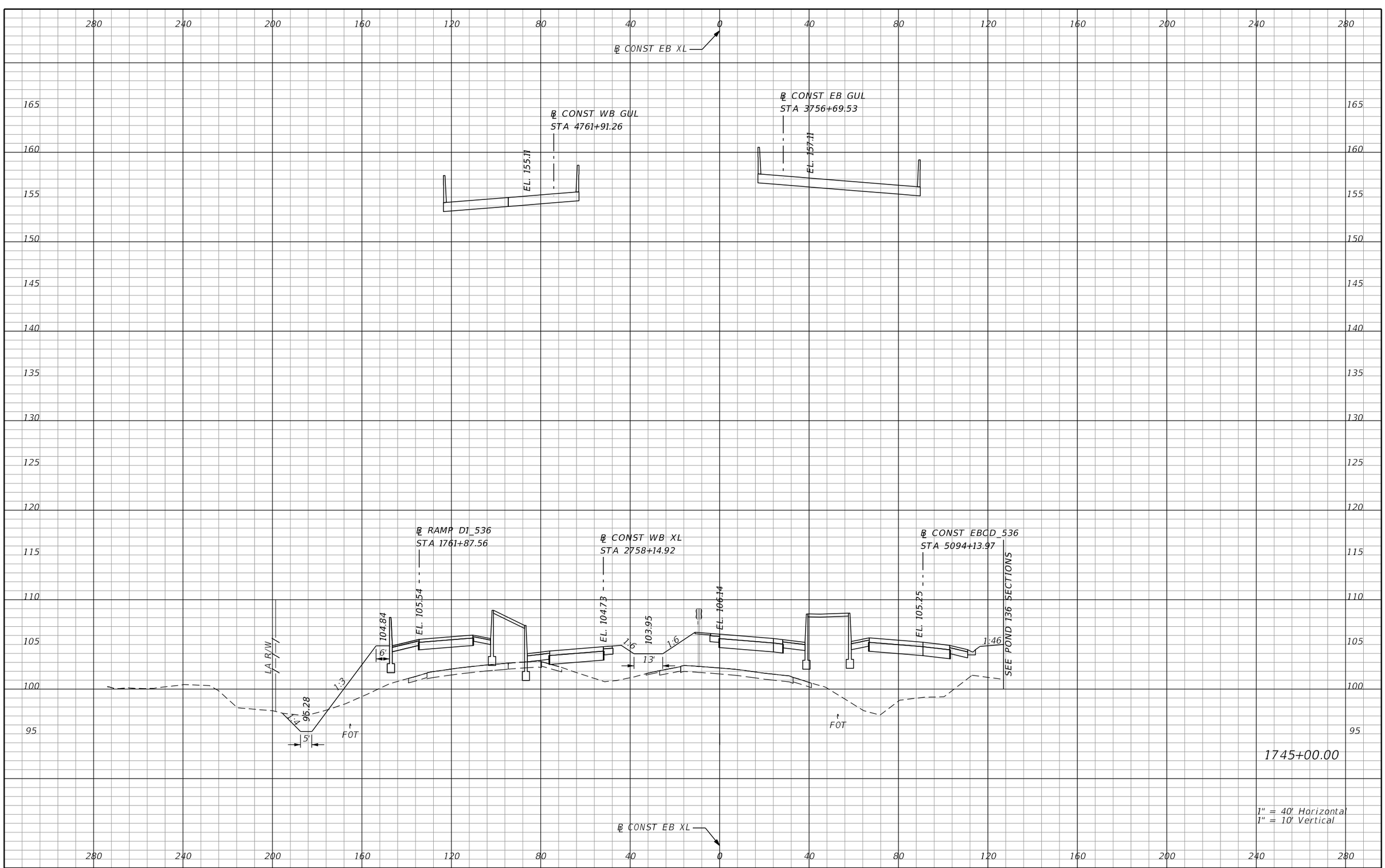
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 677

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
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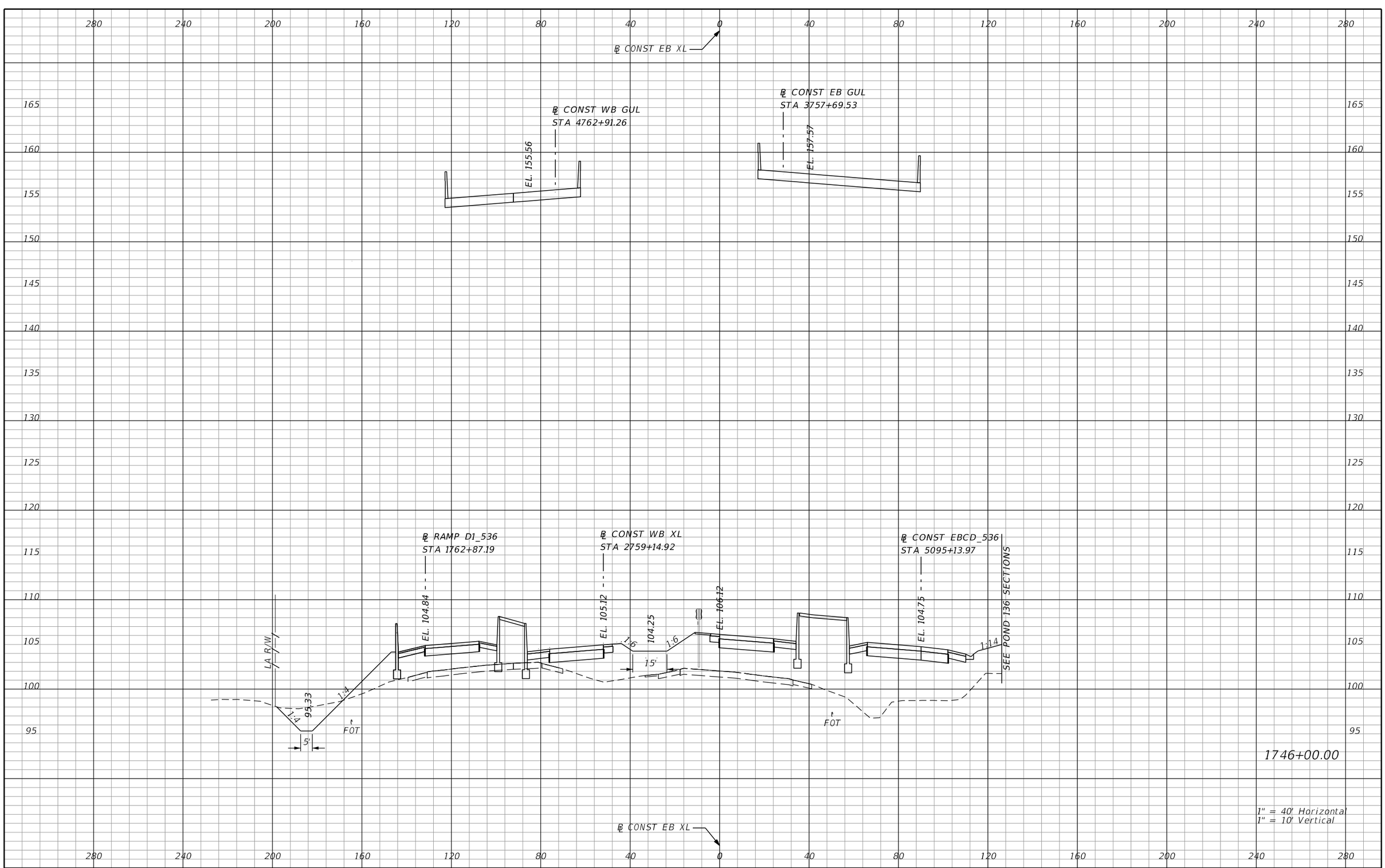
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 678

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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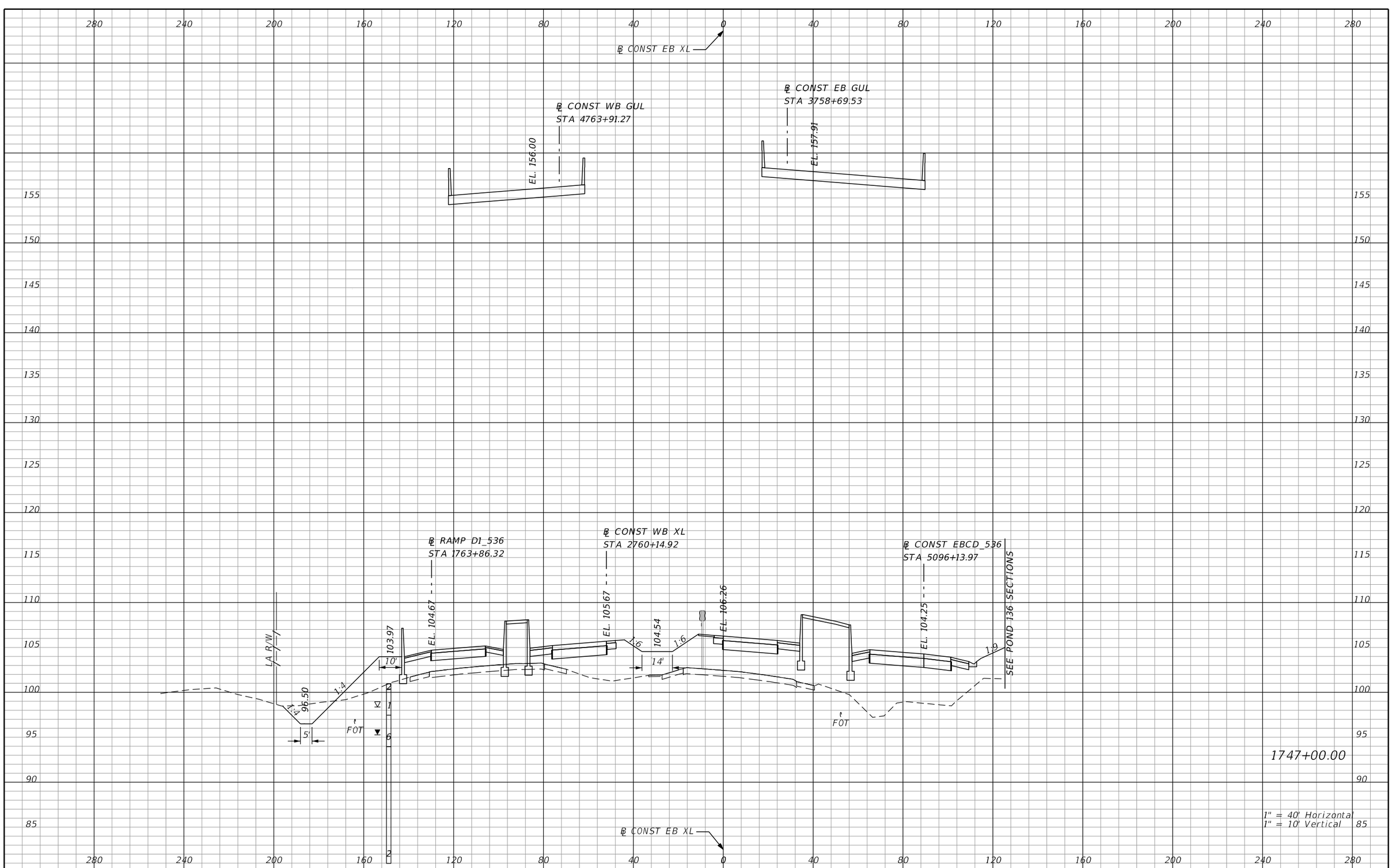
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 679

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 680

PRELIMINARY: NOT FOR CONSTRUCTION

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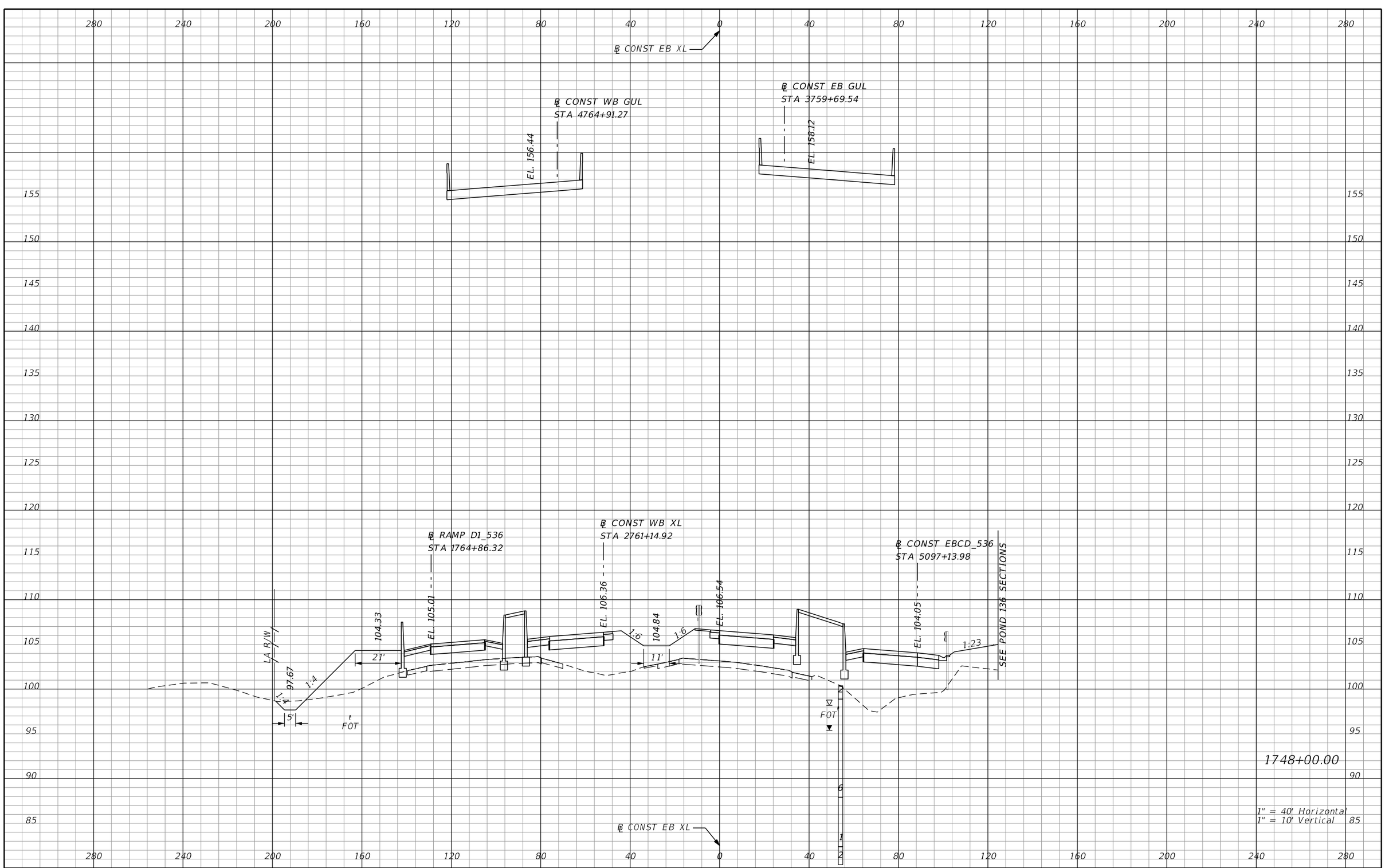

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 681

PRELIMINARY: NOT FOR CONSTRUCTION

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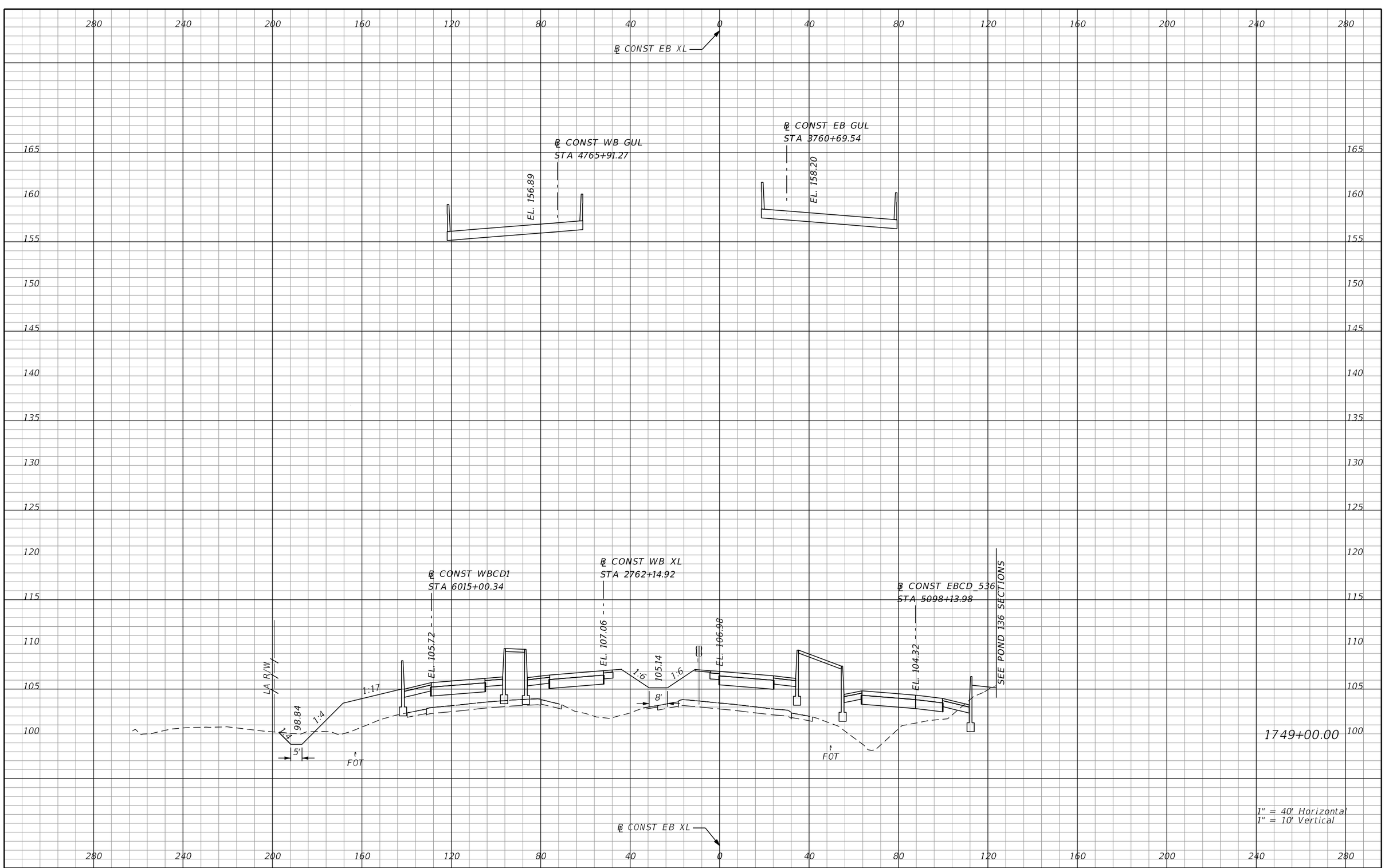

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Orlando, FL, 32801
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 682

PRELIMINARY: NOT FOR CONSTRUCTION

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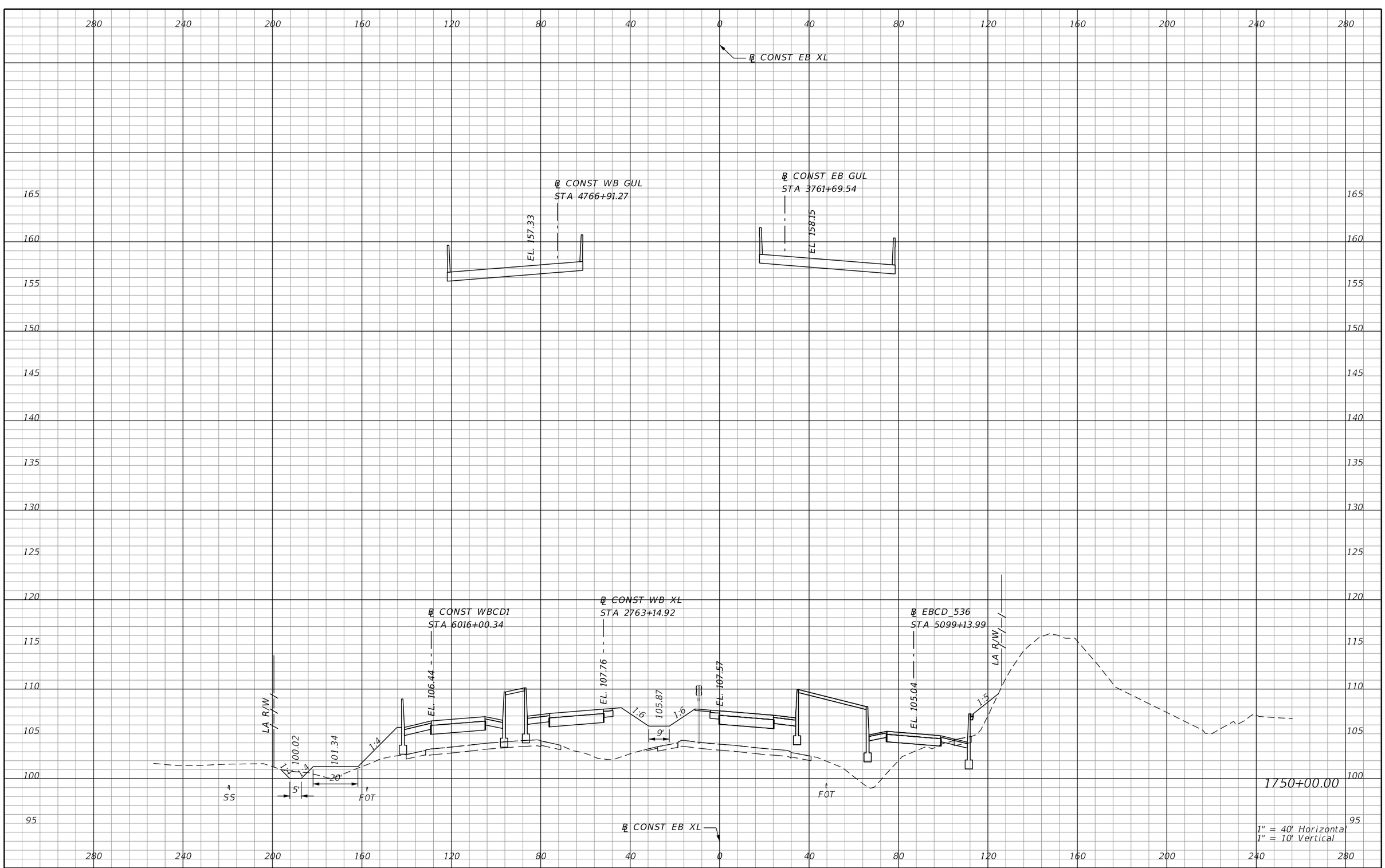

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Orlando, FL, 32801
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 683

PRELIMINARY: NOT FOR CONSTRUCTION

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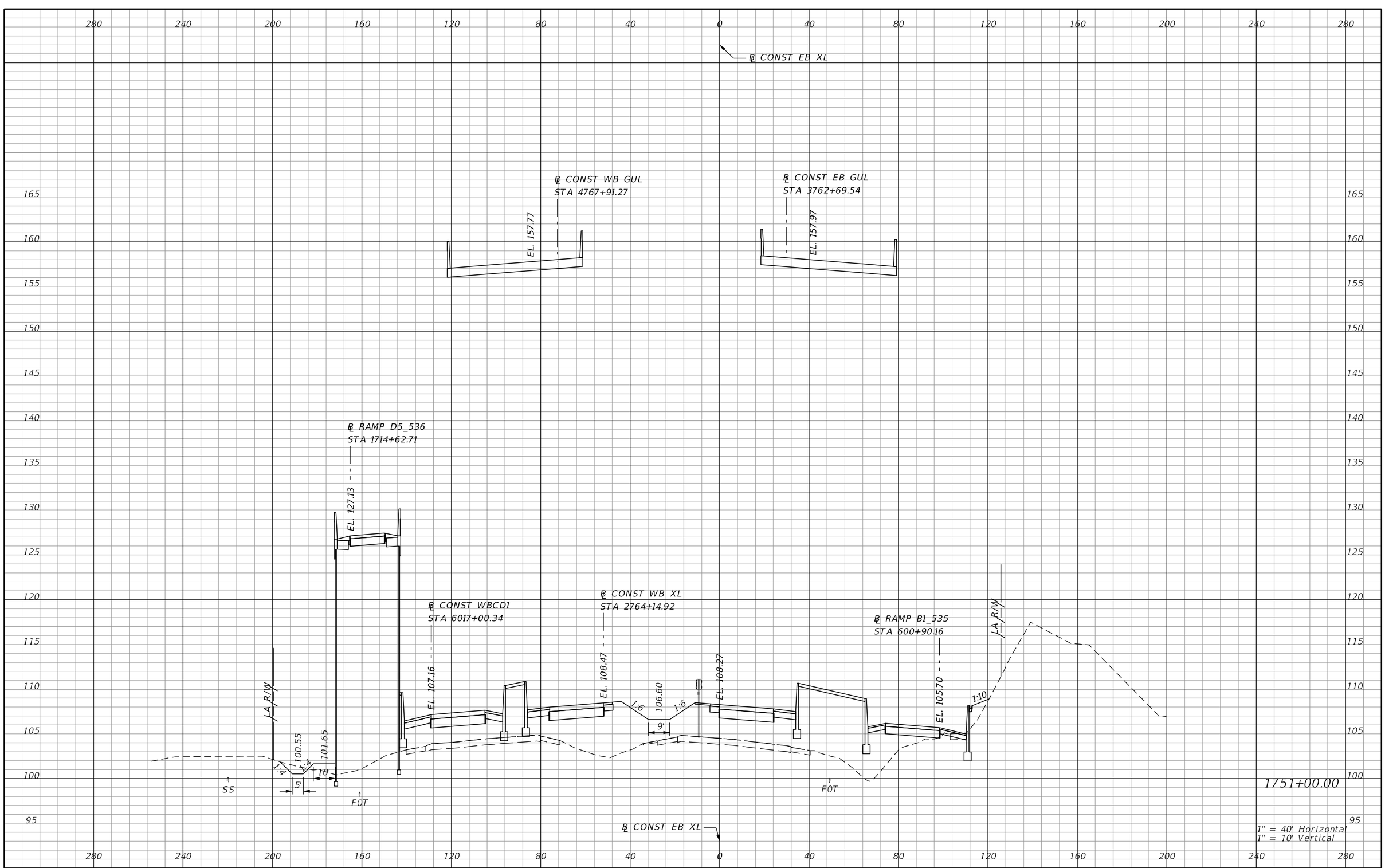

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Orlando, FL, 32801
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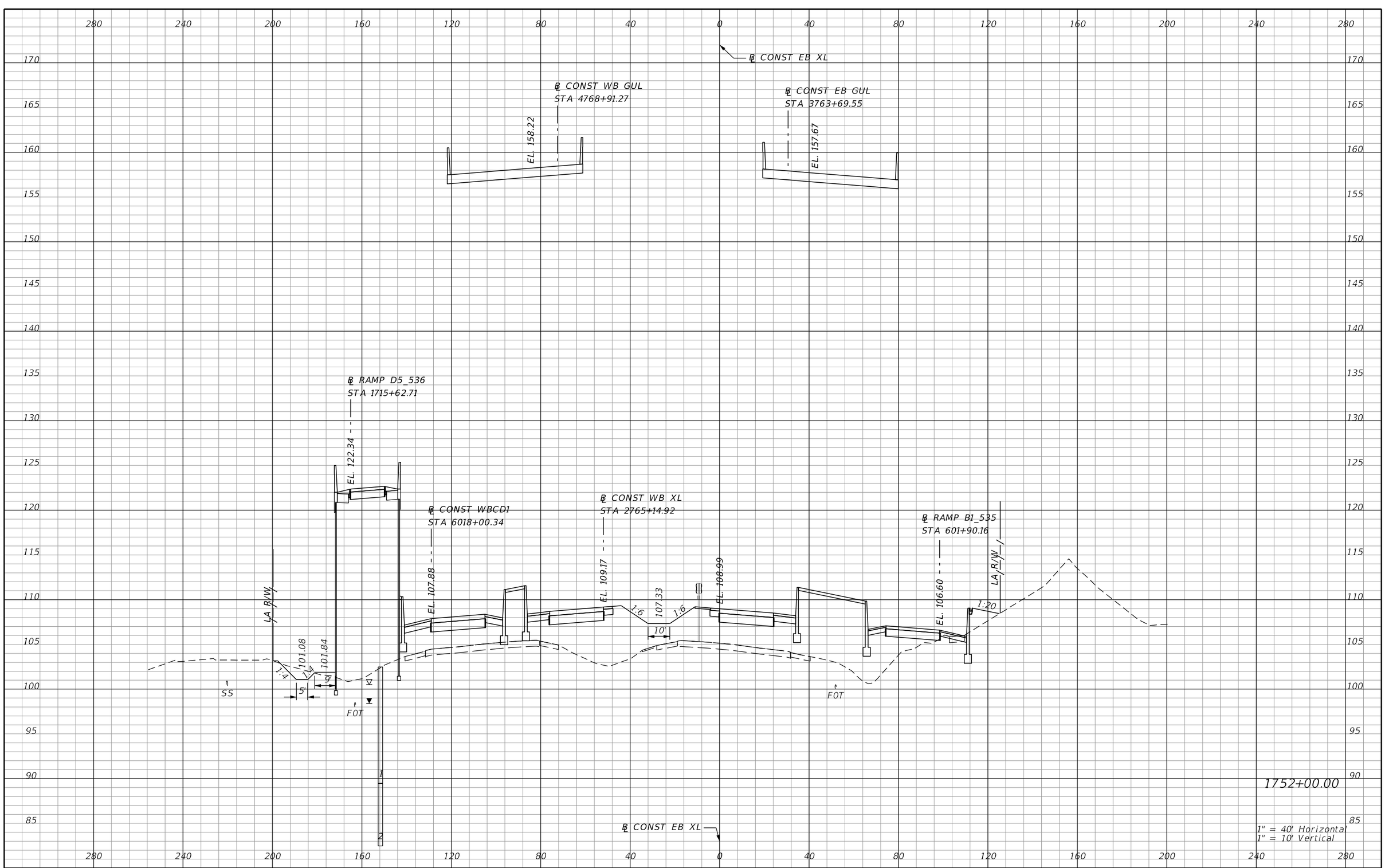
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 684

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Orlando, FL, 32801
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 685

PRELIMINARY: NOT FOR CONSTRUCTION

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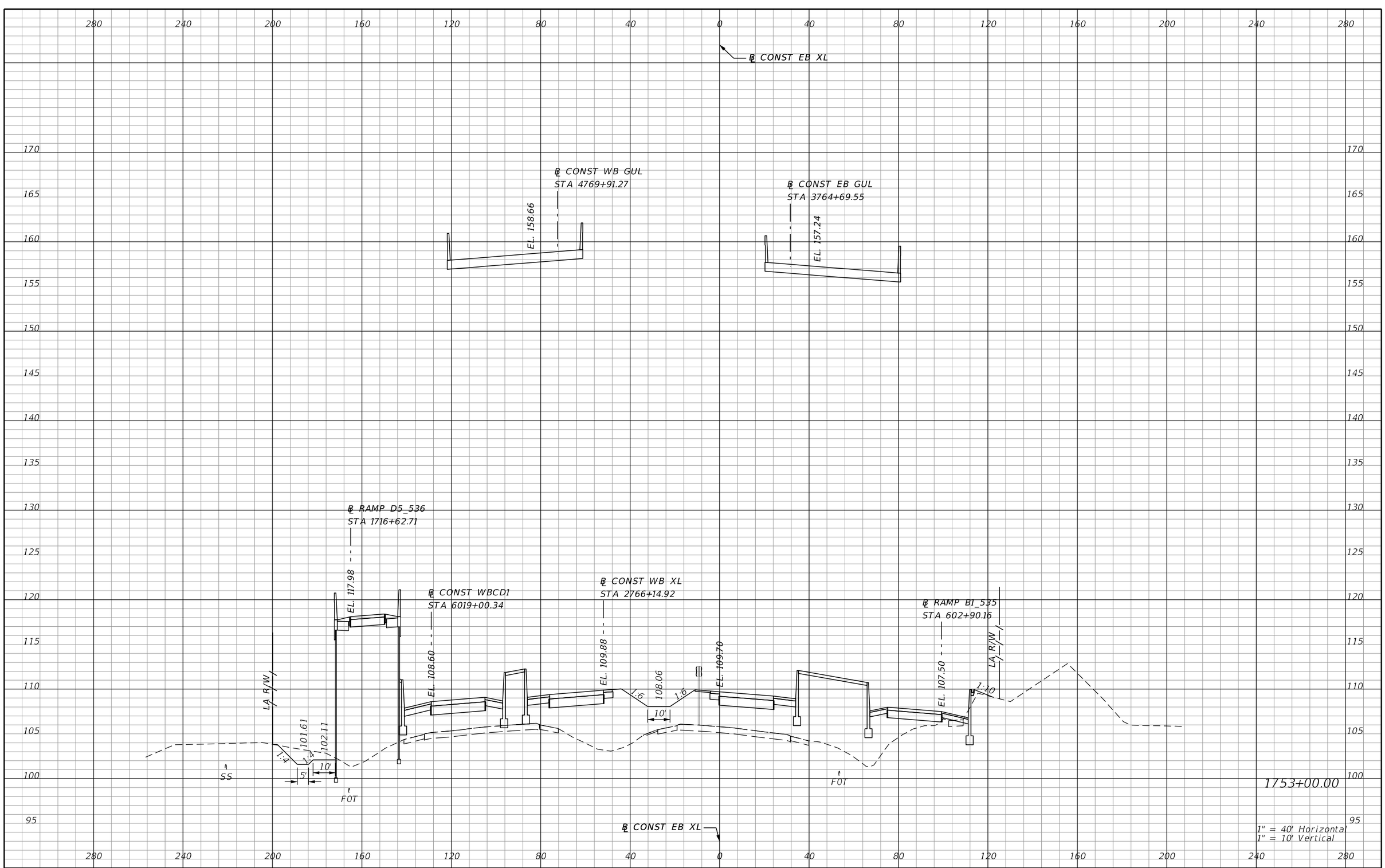

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 686

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ CONST EB XL

℄ CONST WB GUL
STA 4770+91.27
EL. 159.10

℄ CONST EB GUL
STA 3765+69.56
EL. 156.68

℄ RAMP D5_536
STA 1717+62.71
EL. 114.66

℄ CONST WBCD1
STA 6020+00.34
EL. 109.32

℄ CONST WB XL
STA 2767+14.92
EL. 110.58

EL. 110.42

℄ RAMP B1_535
STA 603+90.17
EL. 108.40

LA R/W

LA R/W

102.14

102.62

1:4

1:4

5'

10'

SS

FOT

1:6

108.79

1:6

10'

1:6

FOT

1754+00.00

℄ CONST EB XL

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 687

mike.s.phillips 2/24/2021 7:40:28 PM c:\pwworking\aecom_na\msphillips\dms28329\RDXSRD02_SEGF_XEBI4.DGN

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ CONST EB XL

℄ CONST WB GUL
STA 4771+91.27

EL. 159.55

℄ CONST EB GUL
STA 3766+69.57

EL. 155.99

165 160 155 150 145 140 135 130 125 120 115 110 105 100

℄ RAMP D5_536
STA 1718+62.71

℄ CONST WBCD1
STA 6021+00.34

℄ CONST WB XL
STA 2768+14.92

℄ RAMP B1_535
STA 604+90.19

LA R/W

EL. 112.36

EL. 110.04

EL. 111.28

EL. 111.13

EL. 109.29

102.67

103.72

109.52

108.90

1:4

1:6

10'

5'

FOT

WSS

FOT BE

℄ CONST EB XL

1755+00.00

1" = 40' Horizontal
1" = 10' Vertical

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 688

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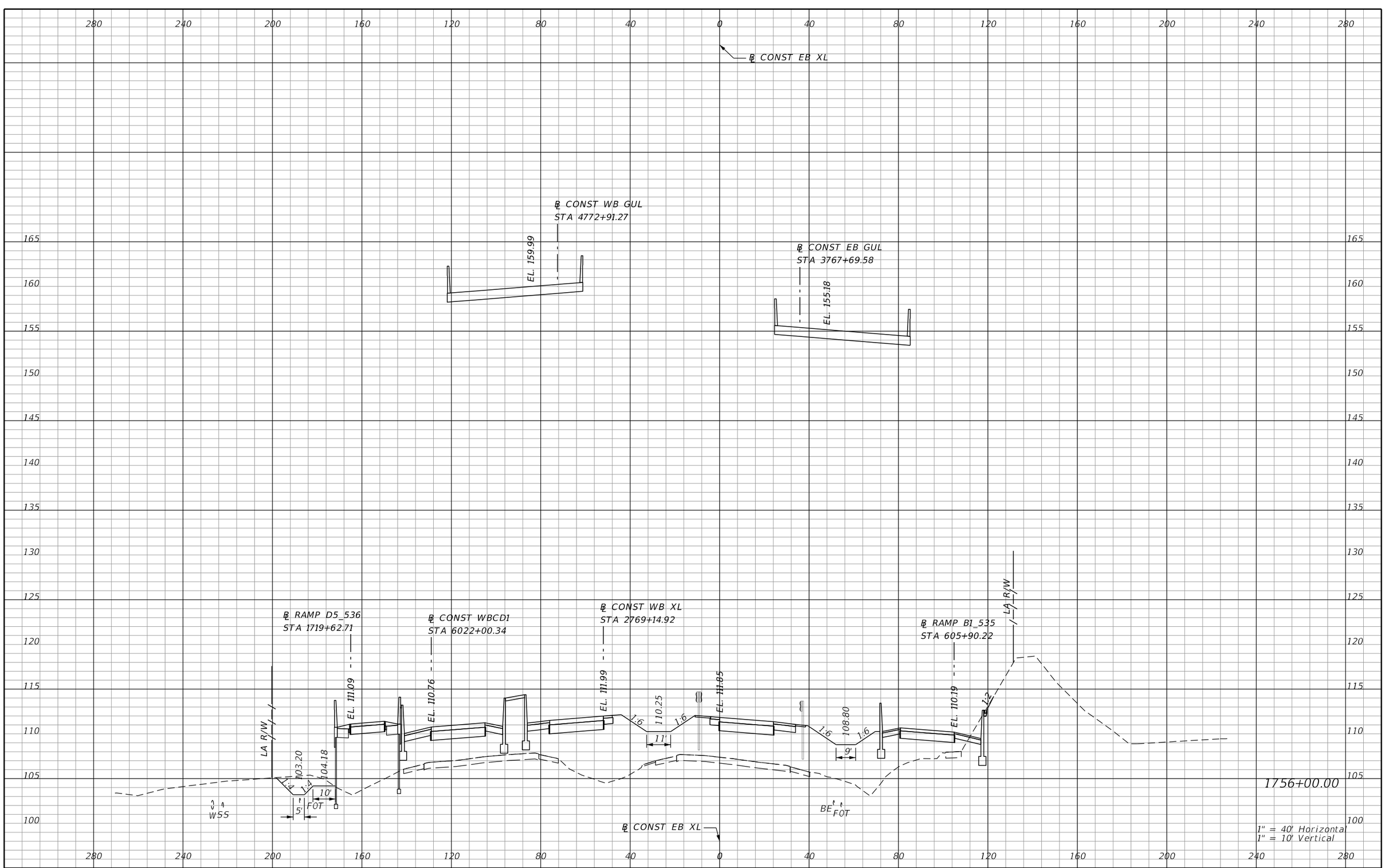

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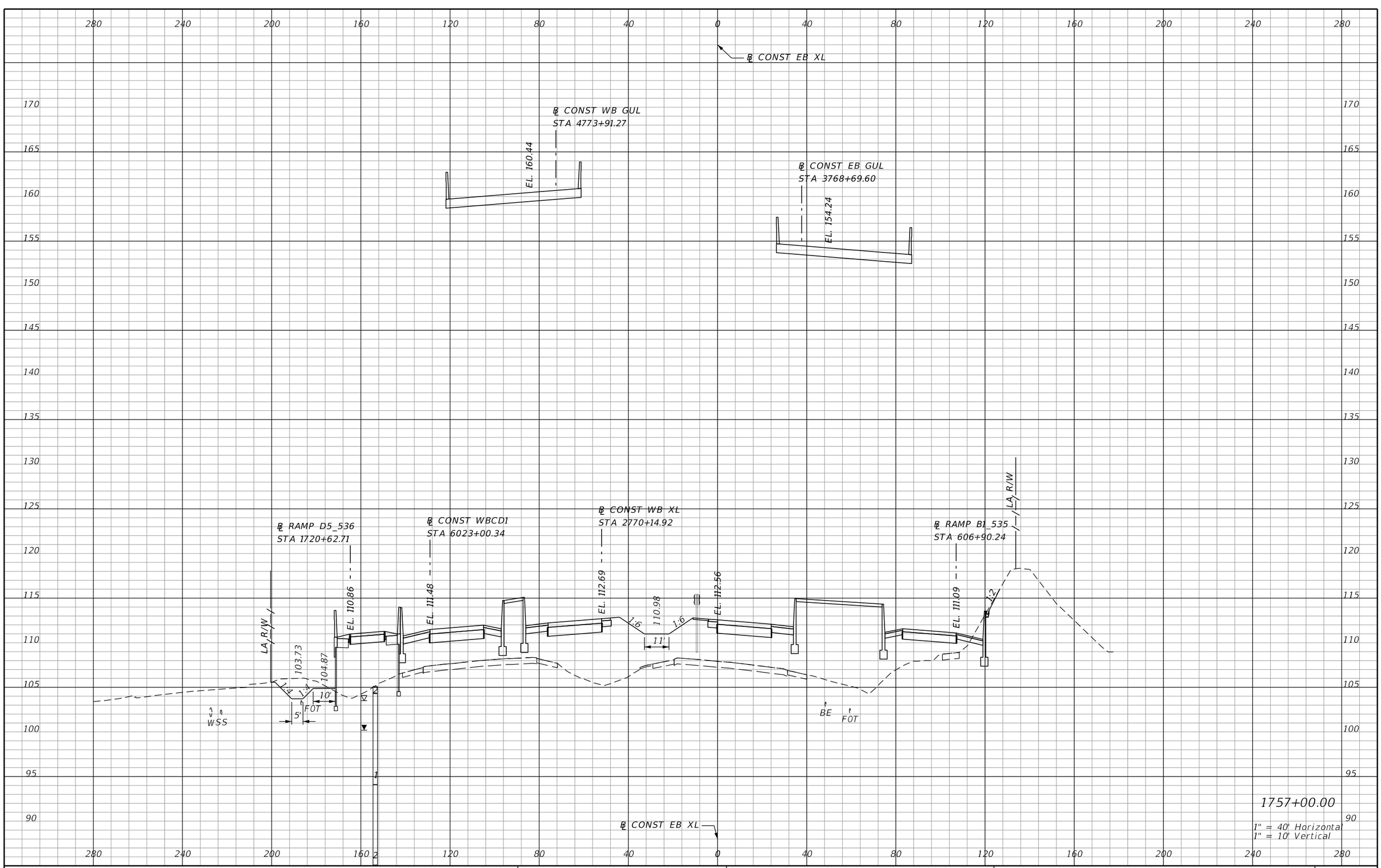
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 689

PRELIMINARY: NOT FOR CONSTRUCTION



1757+00.00

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 690

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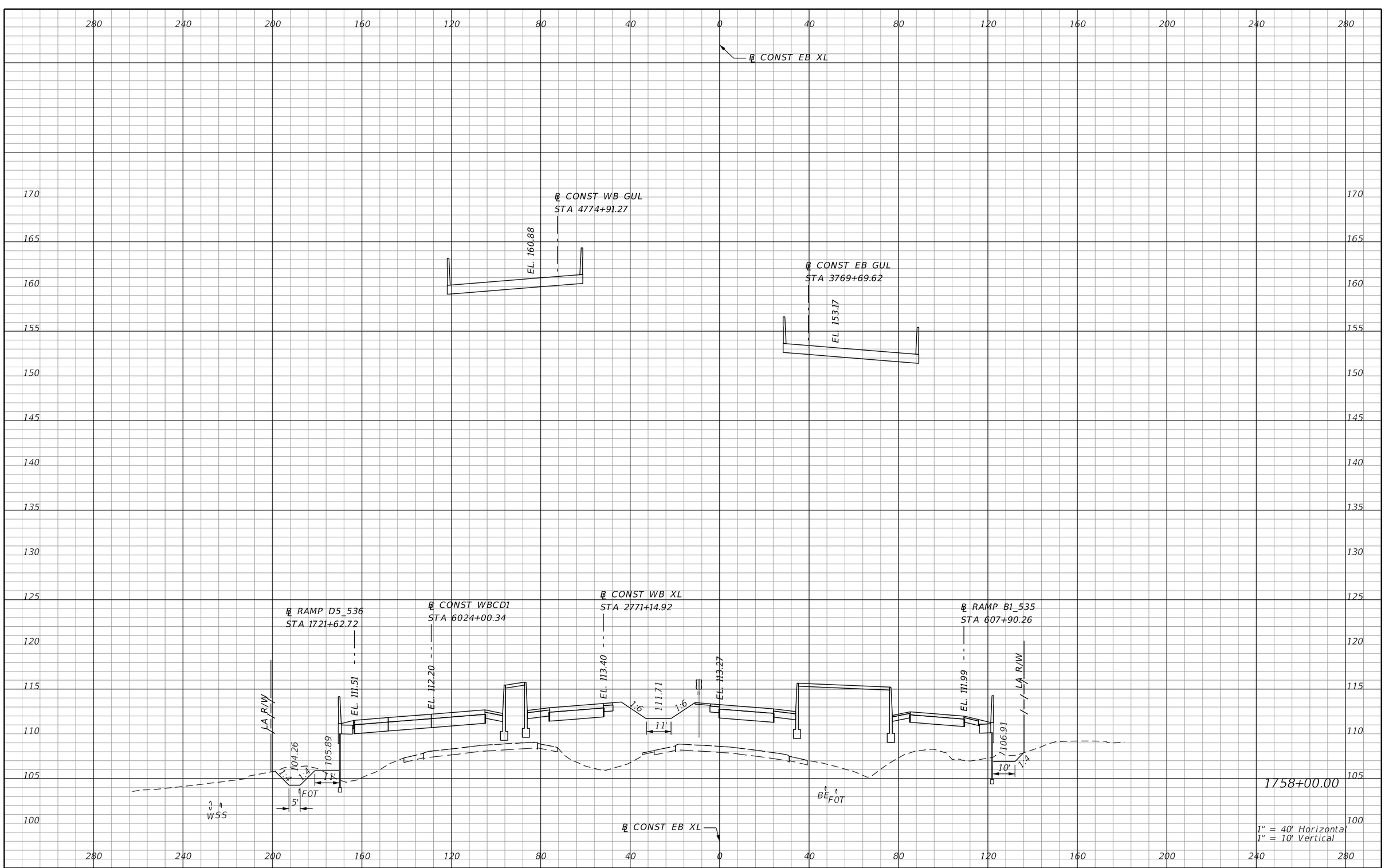

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

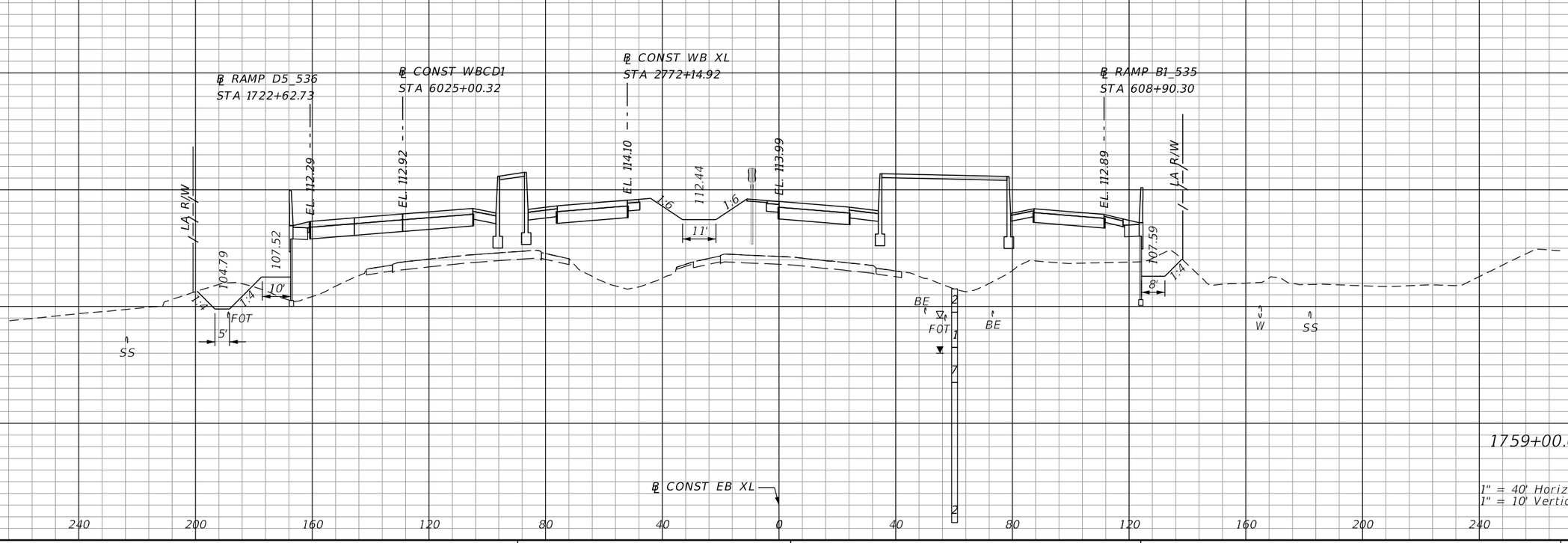
SHEET NO. 691

PRELIMINARY: NOT FOR CONSTRUCTION

℄ CONST EB XL

℄ CONST WB GUL
STA 4775+91.26
EL. 161.32

℄ CONST EB GUL
STA 3770+69.65
EL. 151.97



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 692

PRELIMINARY: NOT FOR CONSTRUCTION

mike.s.phillips 2/24/2021 7:40:29 PM c:\pwworking\aecom_na\msphillips\dms28329\RDXSRD02_SEGF_XEBI4.DGN

℄ CONST EB XL

℄ CONST WB GUL
STA 4776+91.19

EL. 161.77

℄ CONST EB GUL
STA 3771+69.72

EL. 150.64

℄ RAMP D5_536
STA 1723+62.65

℄ CONST WBCD1
STA 6026+00.20

℄ CONST WB XL
STA 2773+14.86

℄ RAMP B1_535
STA 609+90.44

EL. 113.08
EL. 113.64
EL. 114.80
EL. 114.70
EL. 113.79

LA R/W
LA R/W

109.14
105.32
108.26
113.19
111.93

1:4
1:4
1:4
1:6
1:6
1:6
1:6

9'
5'
12'
17'
9'

FOT
FOT
BE
SS
SS
W

1760+00.00

℄ CONST EB XL

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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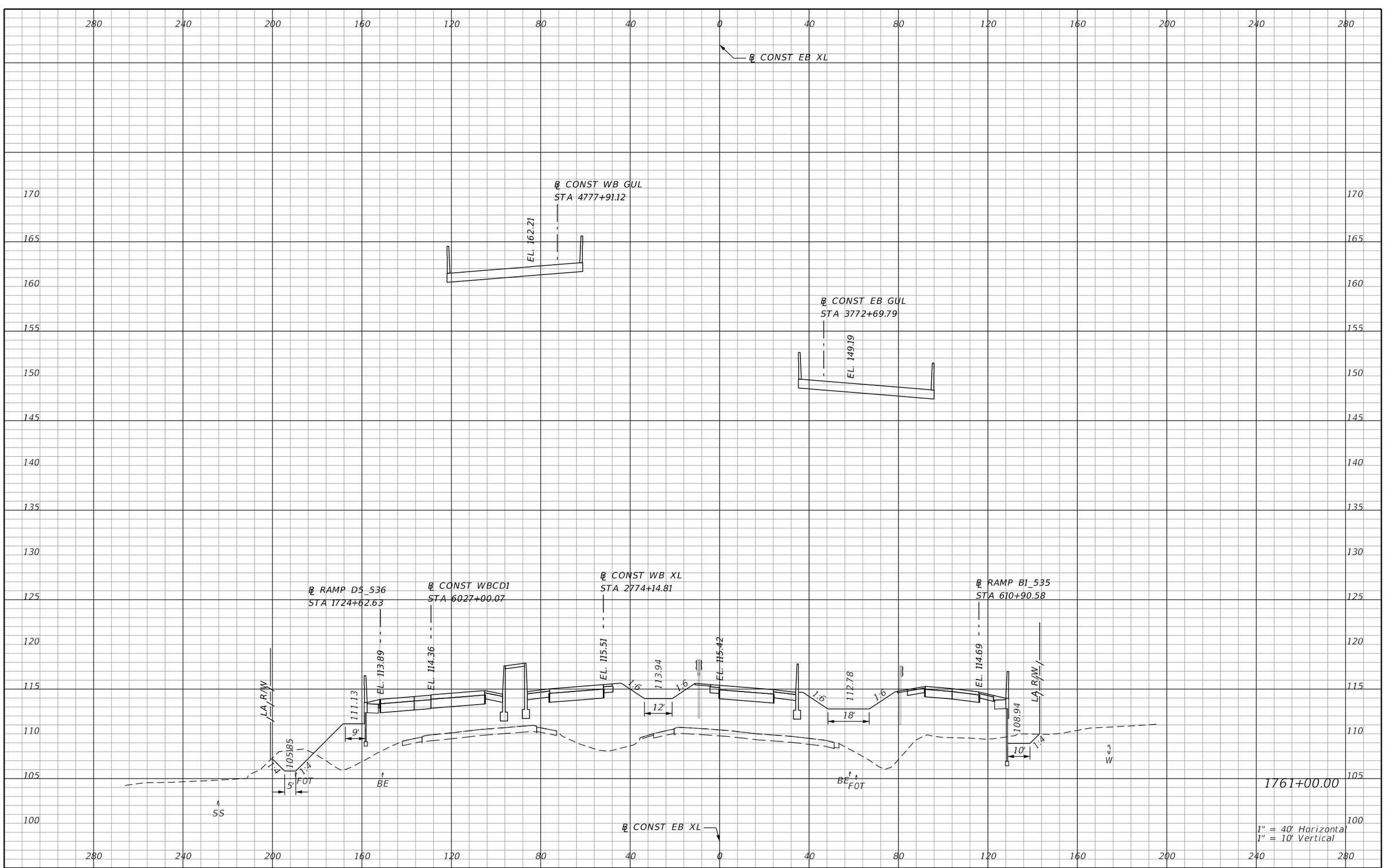
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 693



REVISIONS			
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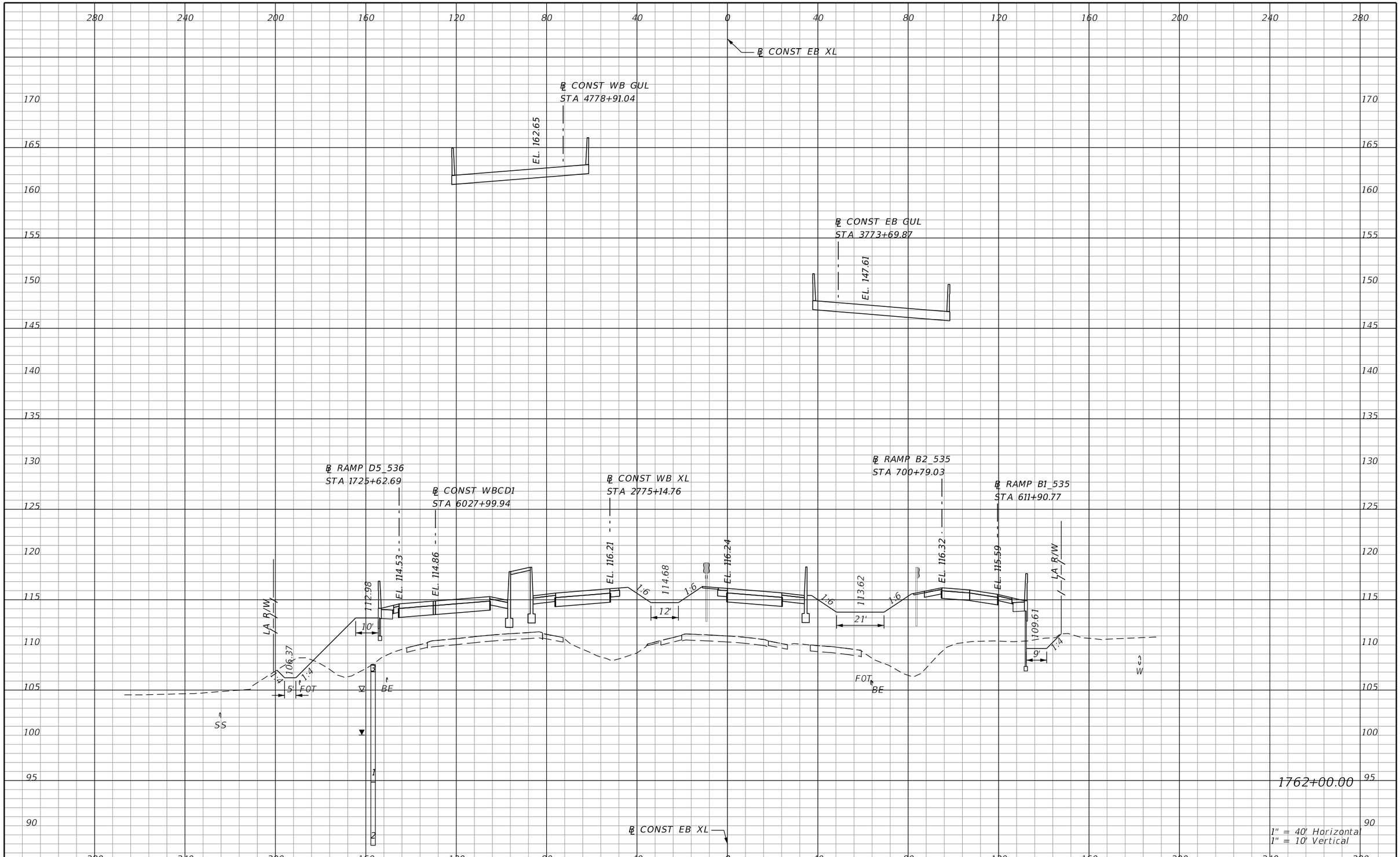
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 694

PRELIMINARY: NOT FOR CONSTRUCTION



PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
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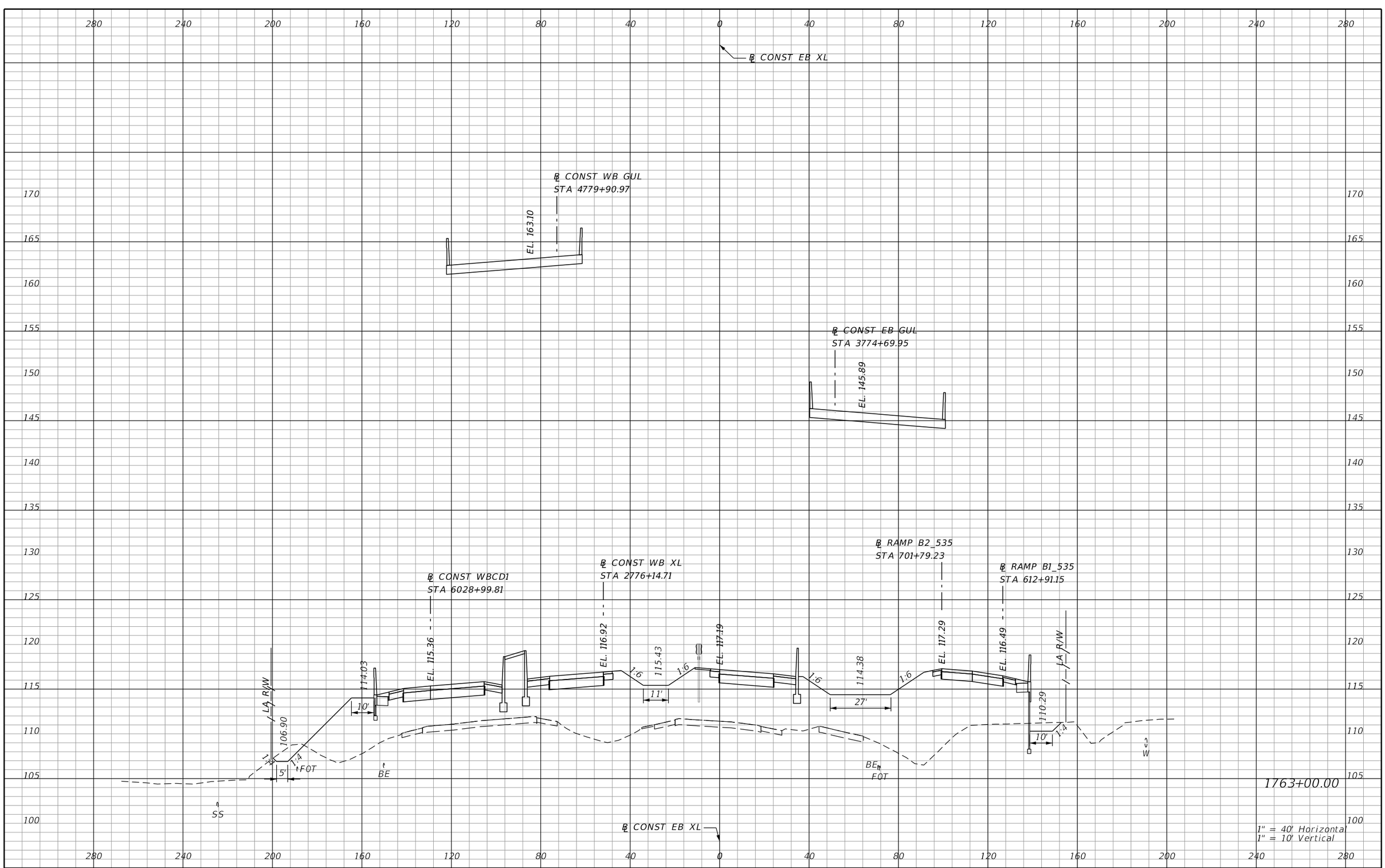
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
695



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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150 North Orange Avenue, Suite 200
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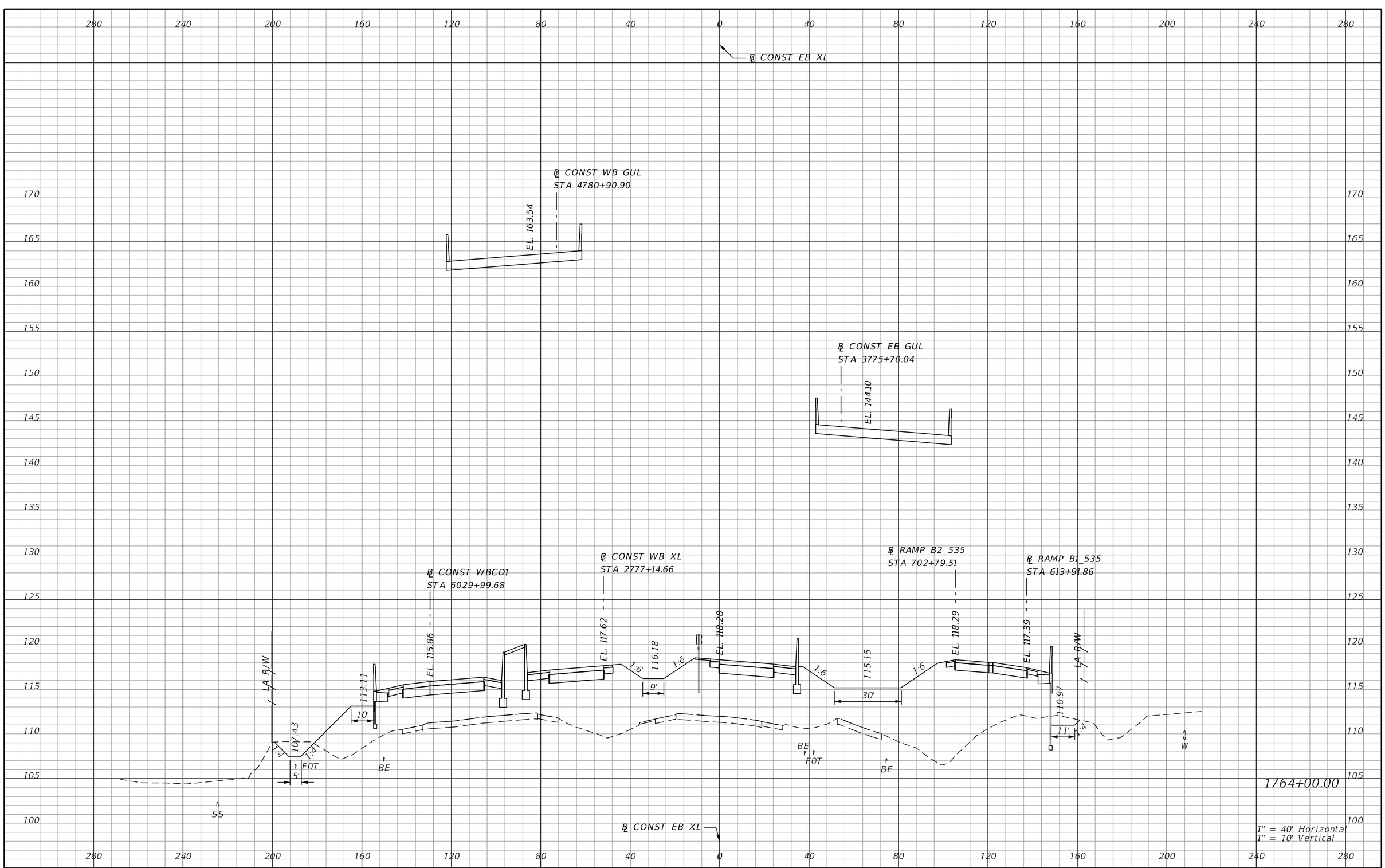
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 696

PRELIMINARY: NOT FOR CONSTRUCTION



1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 697

mike.s.phillips 2/24/2021 7:40:35 PM c:\pwworking\aecom_na\msphillips\dms28329\RDXSRD02_SEGF_XEBI4.DGN

℄ CONST EB XL

℄ CONST WB GUL
STA 4781+90.82
EL. 163.98

℄ CONST EB GUL
STA 3776+70.14
EL. 142.29

℄ CONST WB XL
STA 2778+14.60

℄ CONST WBCD1
STA 6030+99.55

℄ RAMP B2_535
STA 703+79.92

℄ RAMP B1_535
STA 614+93.04

EL. 116.36
EL. 118.32
EL. 116.92
EL. 119.50
EL. 115.91
EL. 119.01
EL. 117.98
114.34
107.96
LA R/W
LA R/W
1:6
1:4
1:4
10'
7'
31'
11'
5'
FOT
FOT
BE
BE
BE
SS
W
℄ CONST EB XL

1765+00.00

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 698

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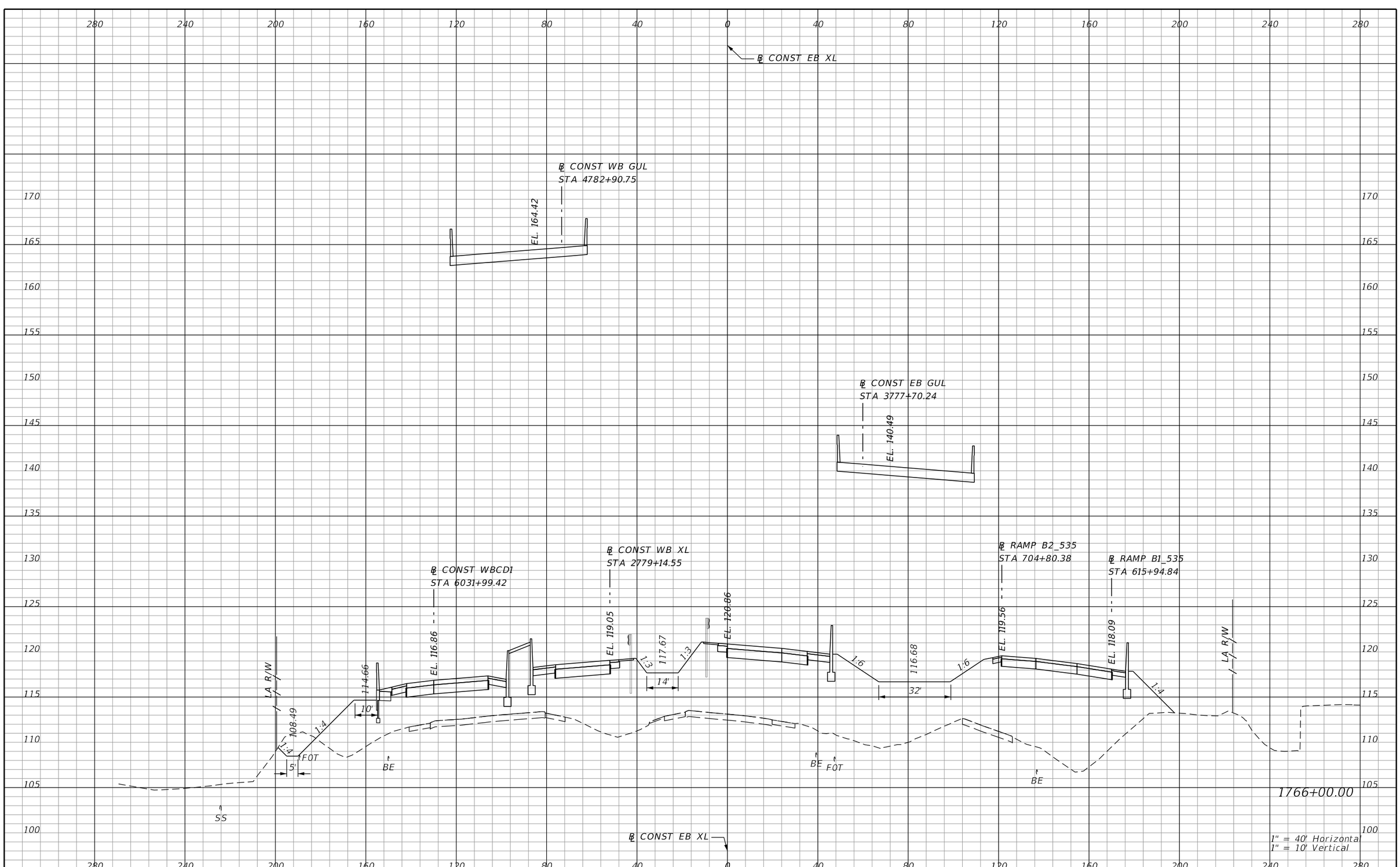

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 699

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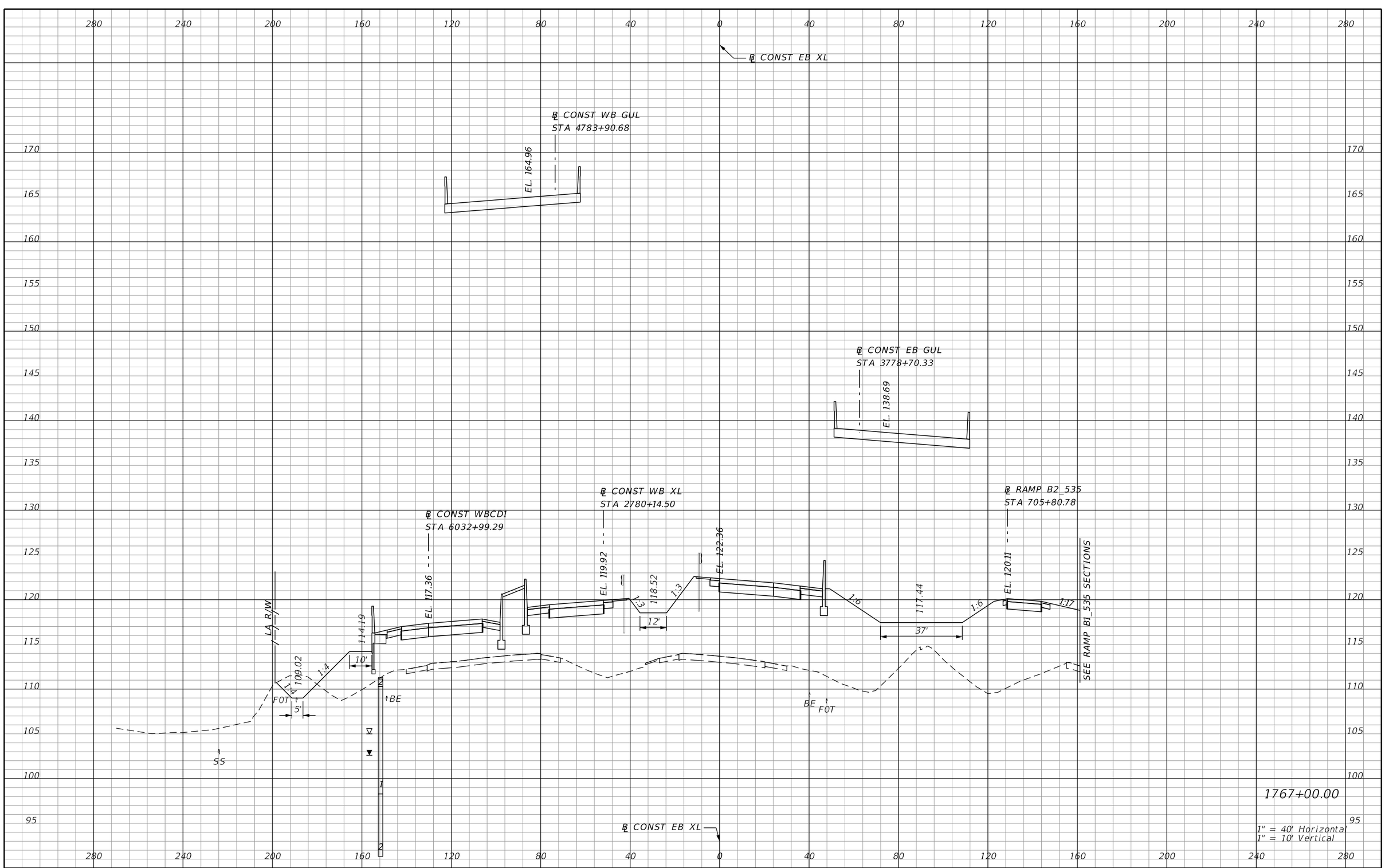
PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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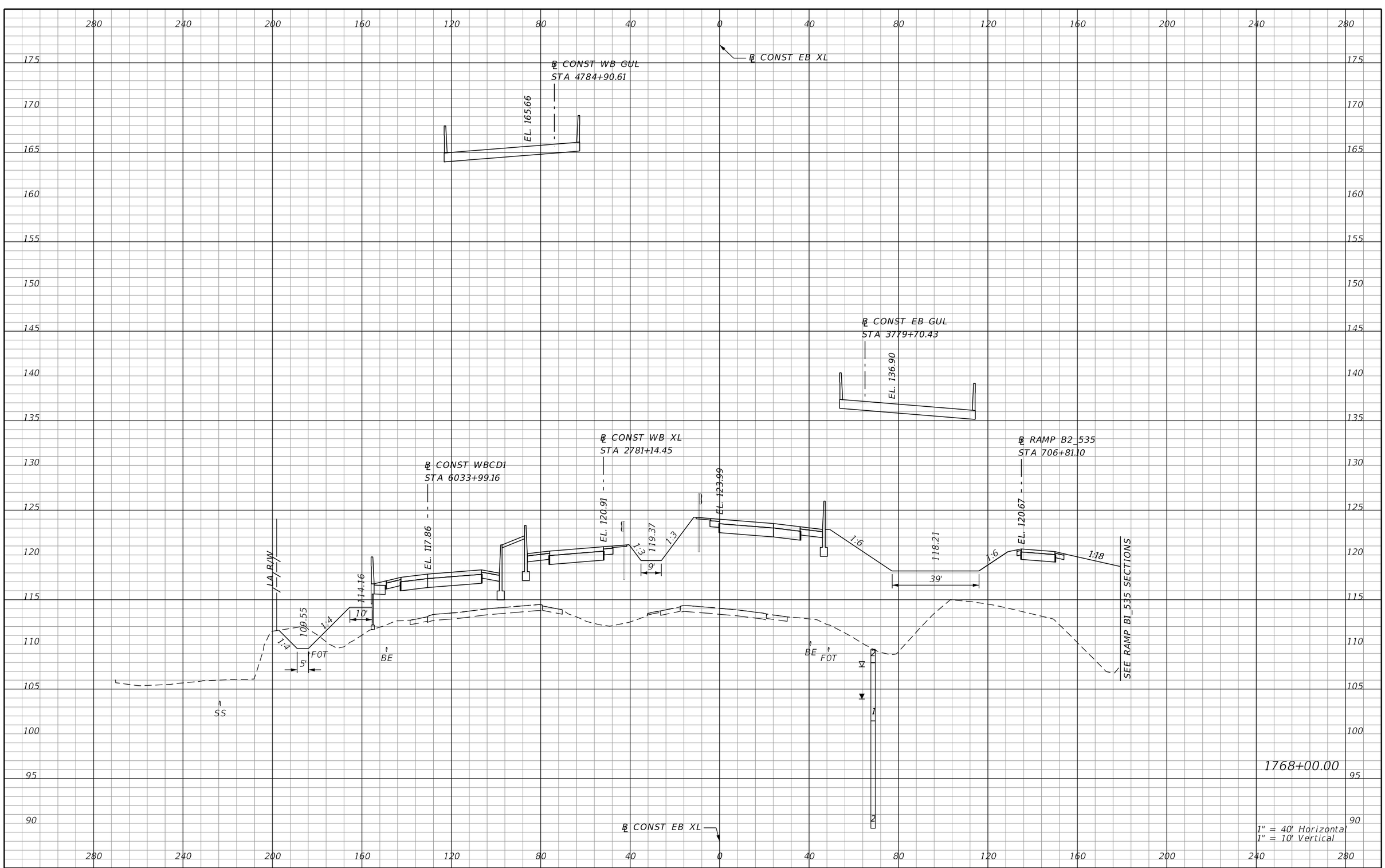
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 700

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 701

PRELIMINARY: NOT FOR CONSTRUCTION

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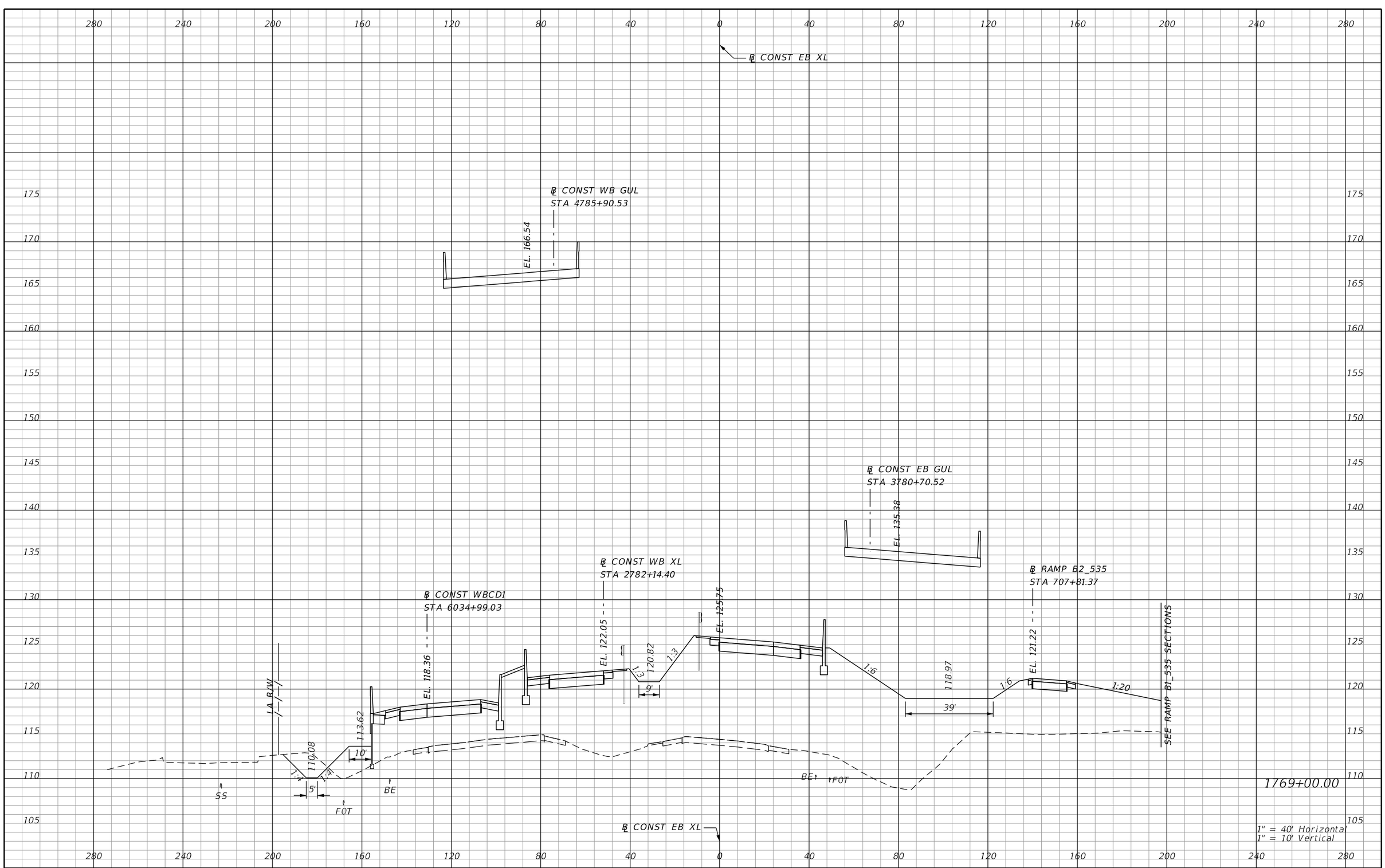

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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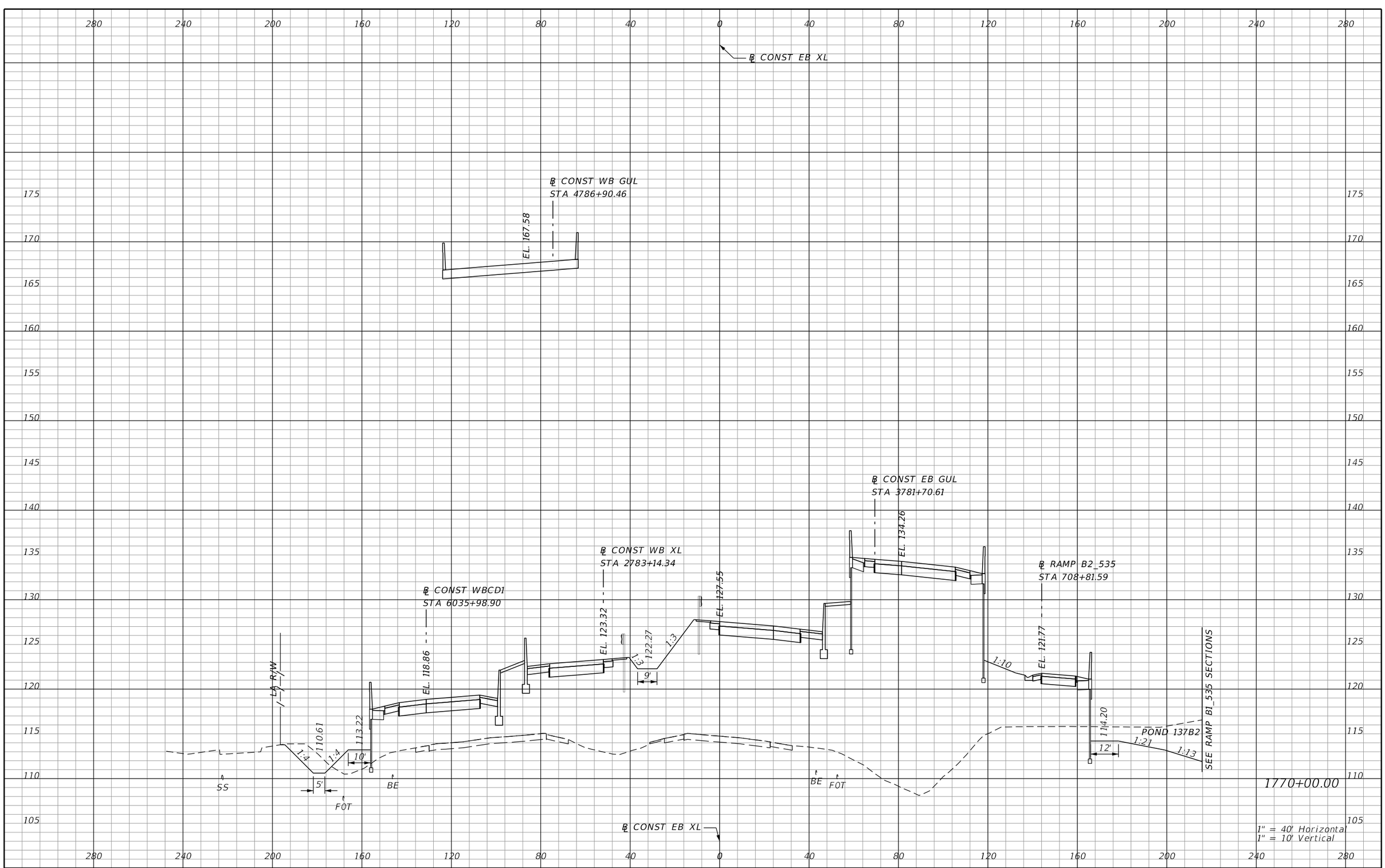
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 702

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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150 North Orange Avenue, Suite 200
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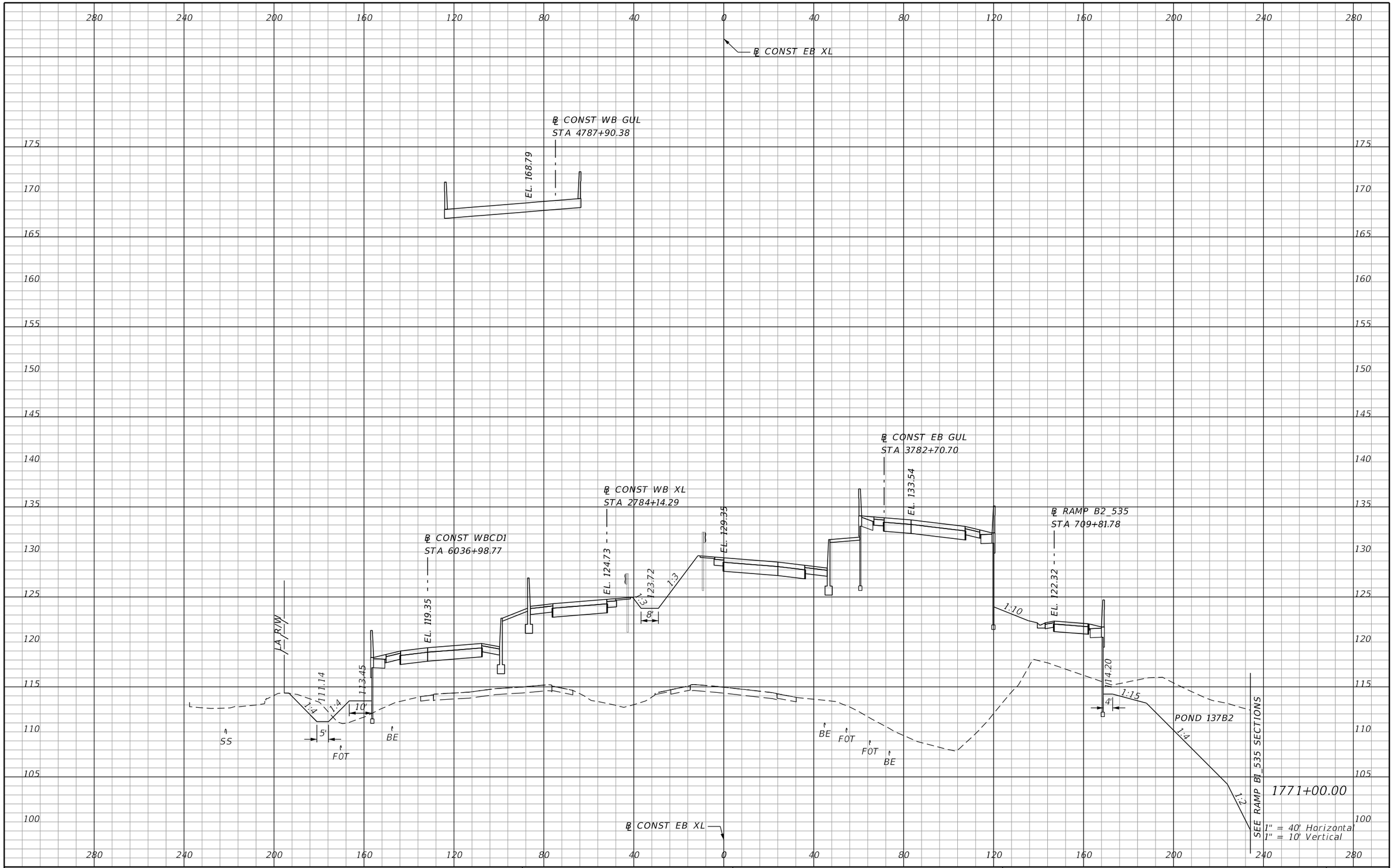
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 703

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 704

PRELIMINARY: NOT FOR CONSTRUCTION

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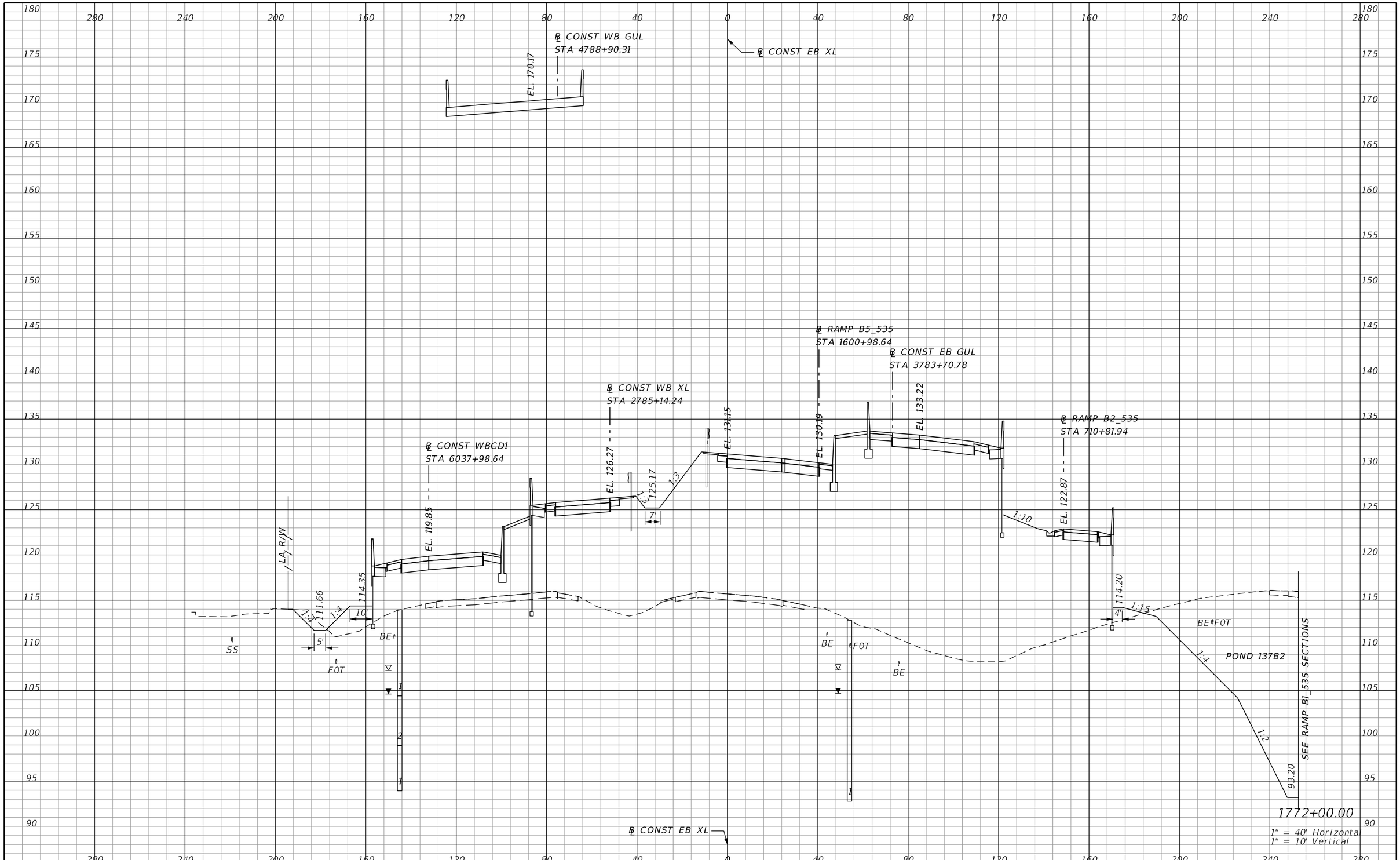

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
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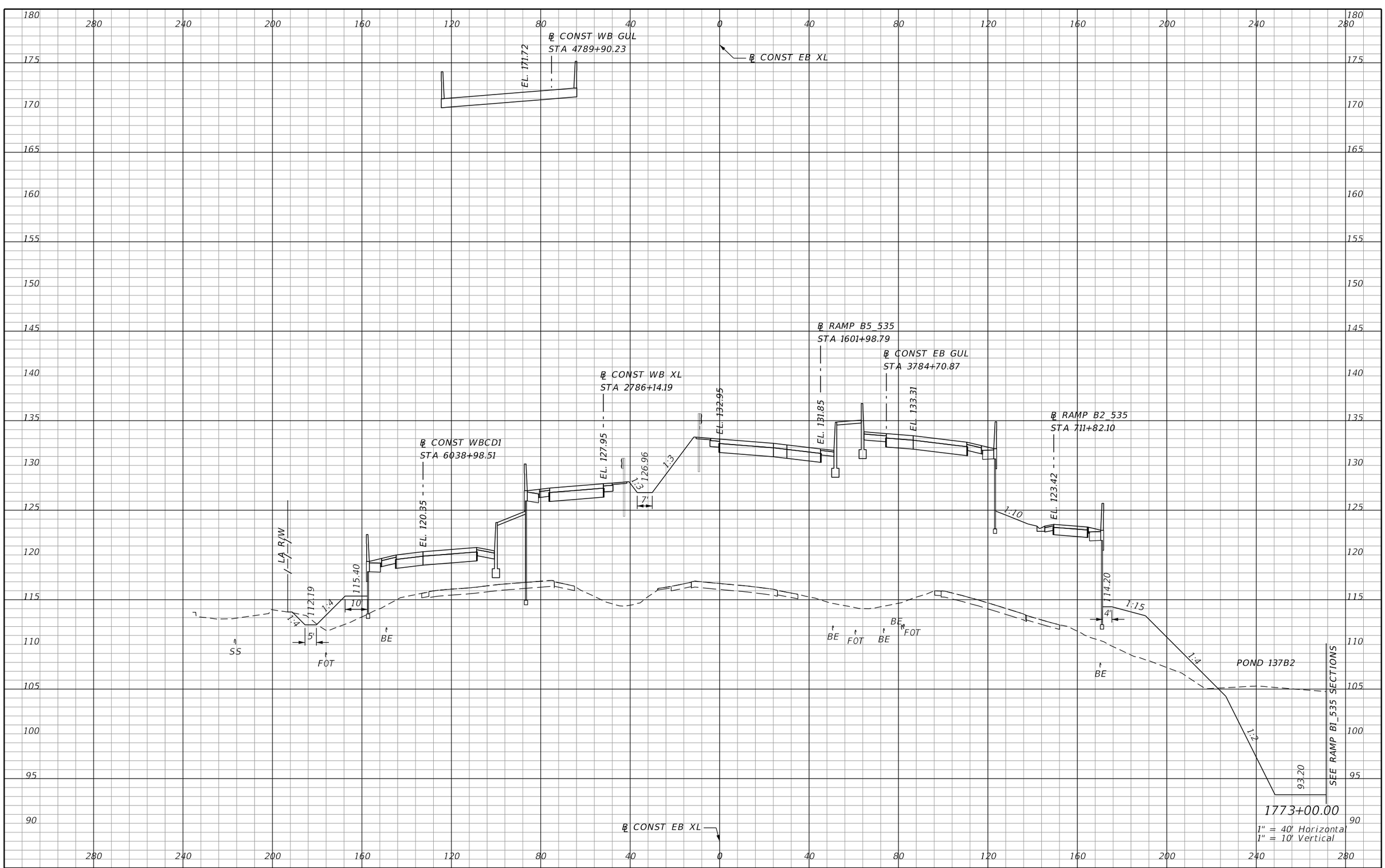
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
705



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 706

PRELIMINARY: NOT FOR CONSTRUCTION

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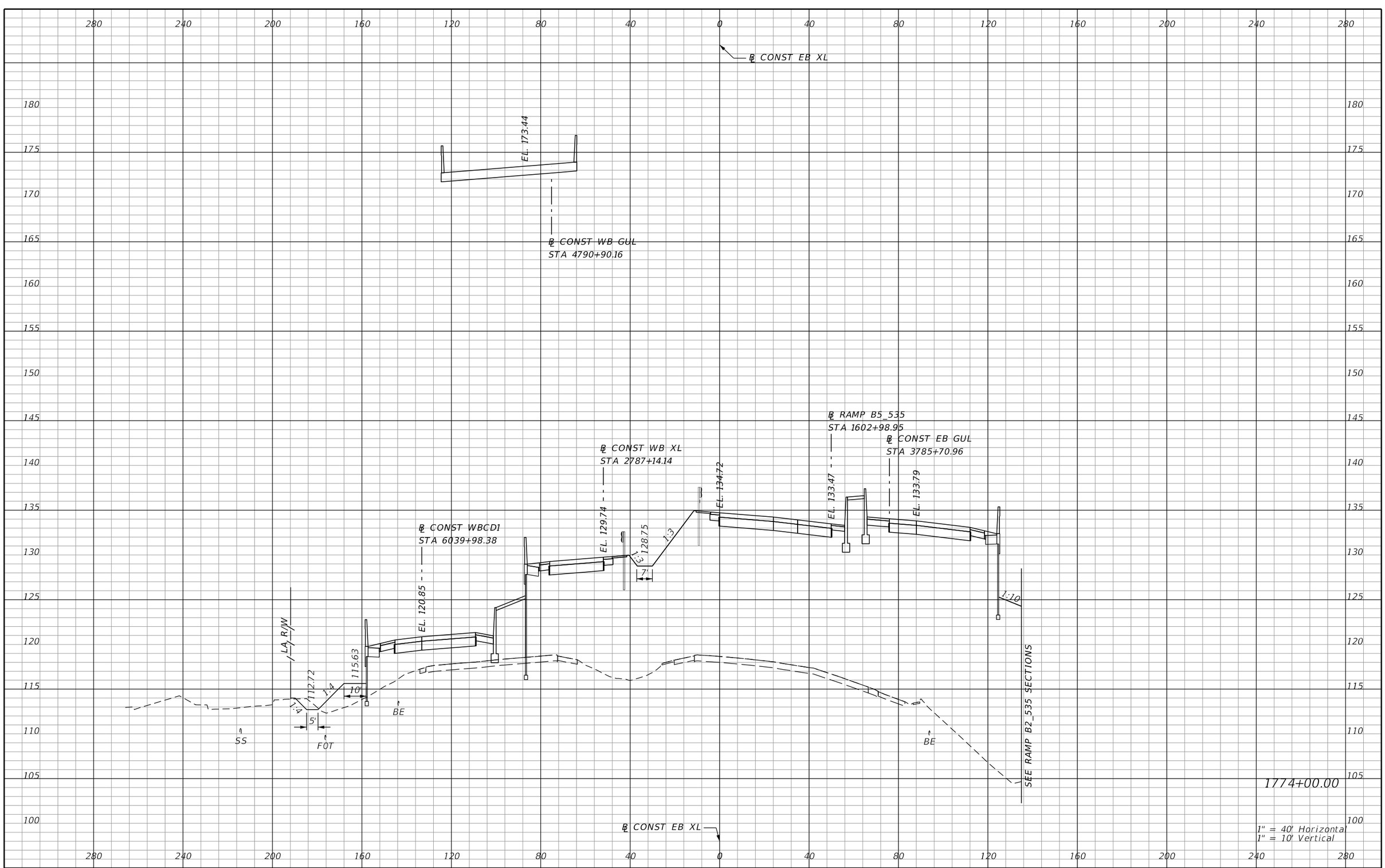

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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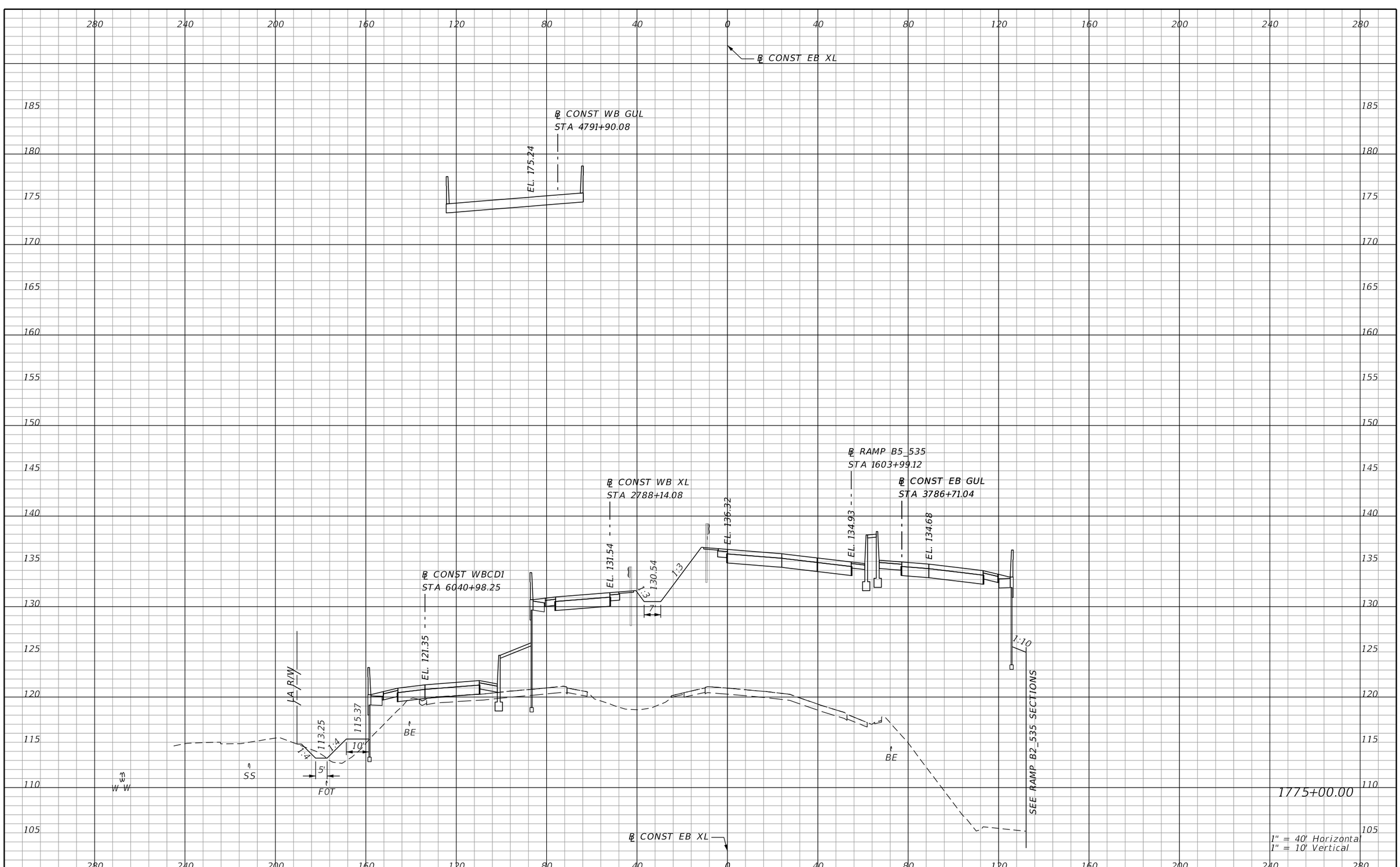
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 707

PRELIMINARY: NOT FOR CONSTRUCTION



PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 708

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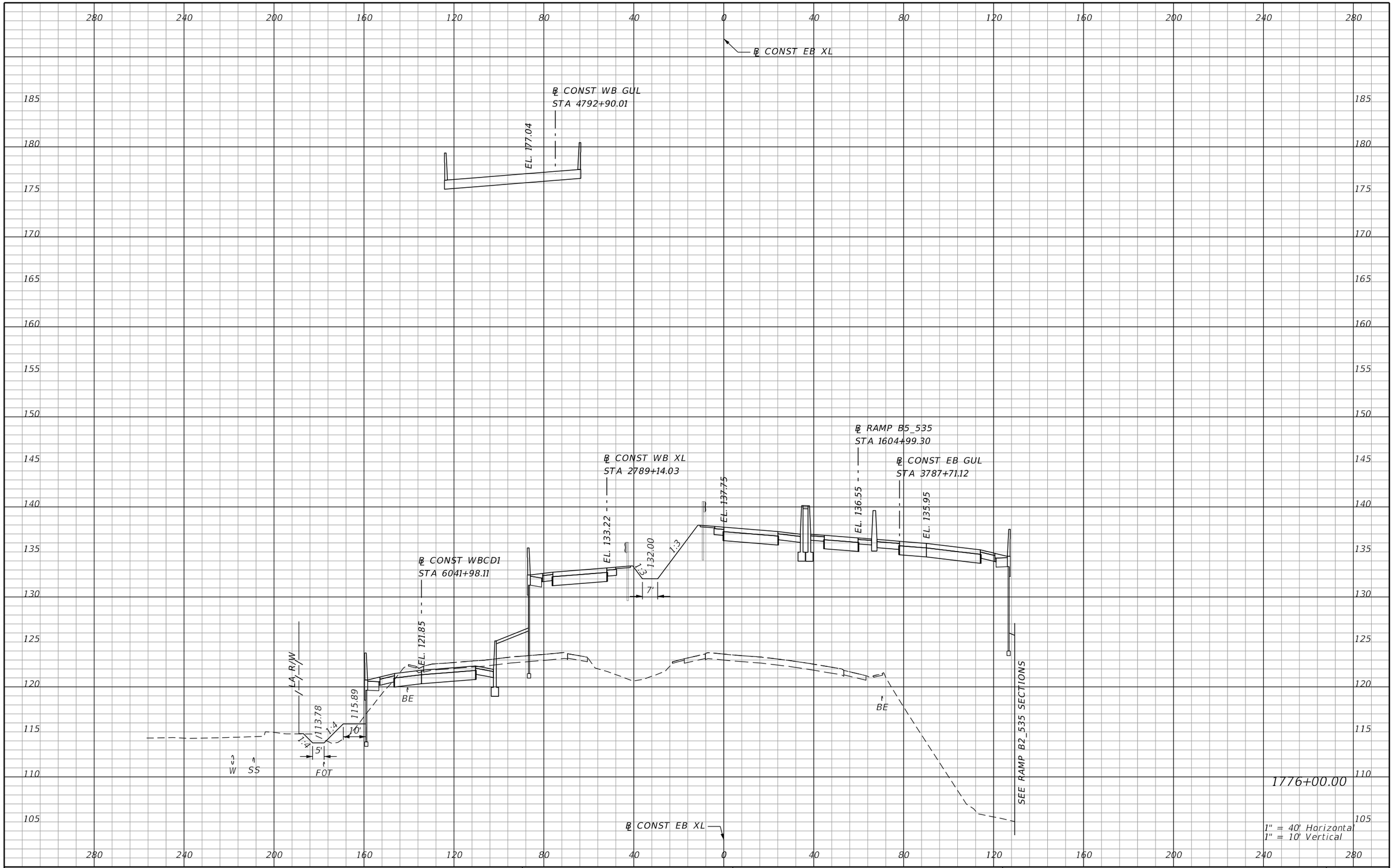

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Orlando, FL. 32801
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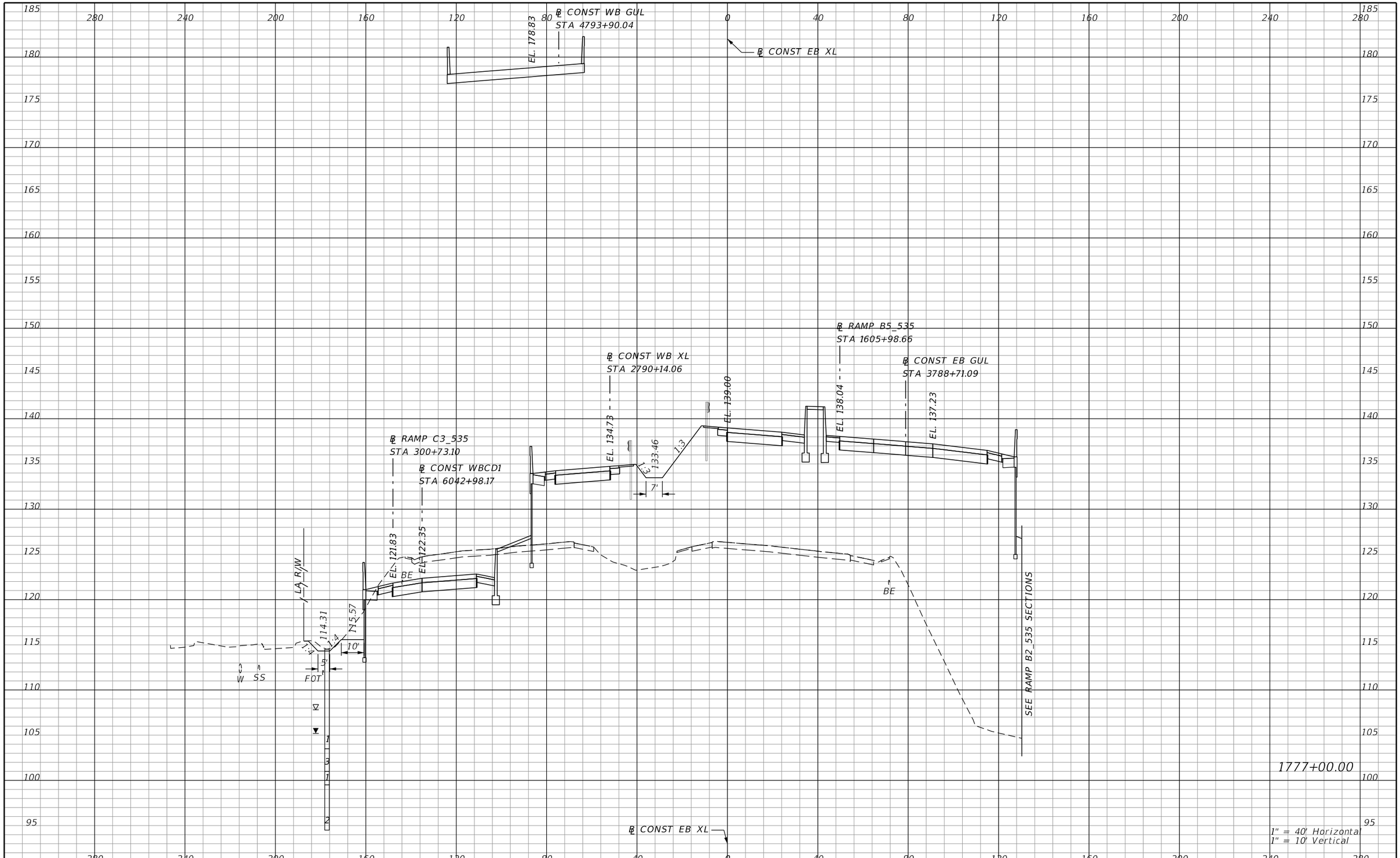
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 709

PRELIMINARY: NOT FOR CONSTRUCTION



PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
710

℄ CONST WB GUL
STA 4794+90.12
EL. 180.47
℄ CONST EB XL
℄ CONST WB XL
STA 2791+14.11
EL. 136.06
℄ RAMP B5_535
STA 1606+98.73
EL. 140.07
EL. 139.07
℄ CONST EB GUL
STA 3789+71.02
EL. 138.34
℄ RAMP C3_535
STA 301+72.64
℄ CONST WBCD1
STA 6043+98.31
135.62
1:3
13'
EL. 122.42
EL. 123.02
BE
LA R/W
114.84
115.75
6'
5'
FOT
W
SS
BE
SEE RAMP B2_535 SECTIONS
℄ CONST EB XL
1778+00.00
1" = 40' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
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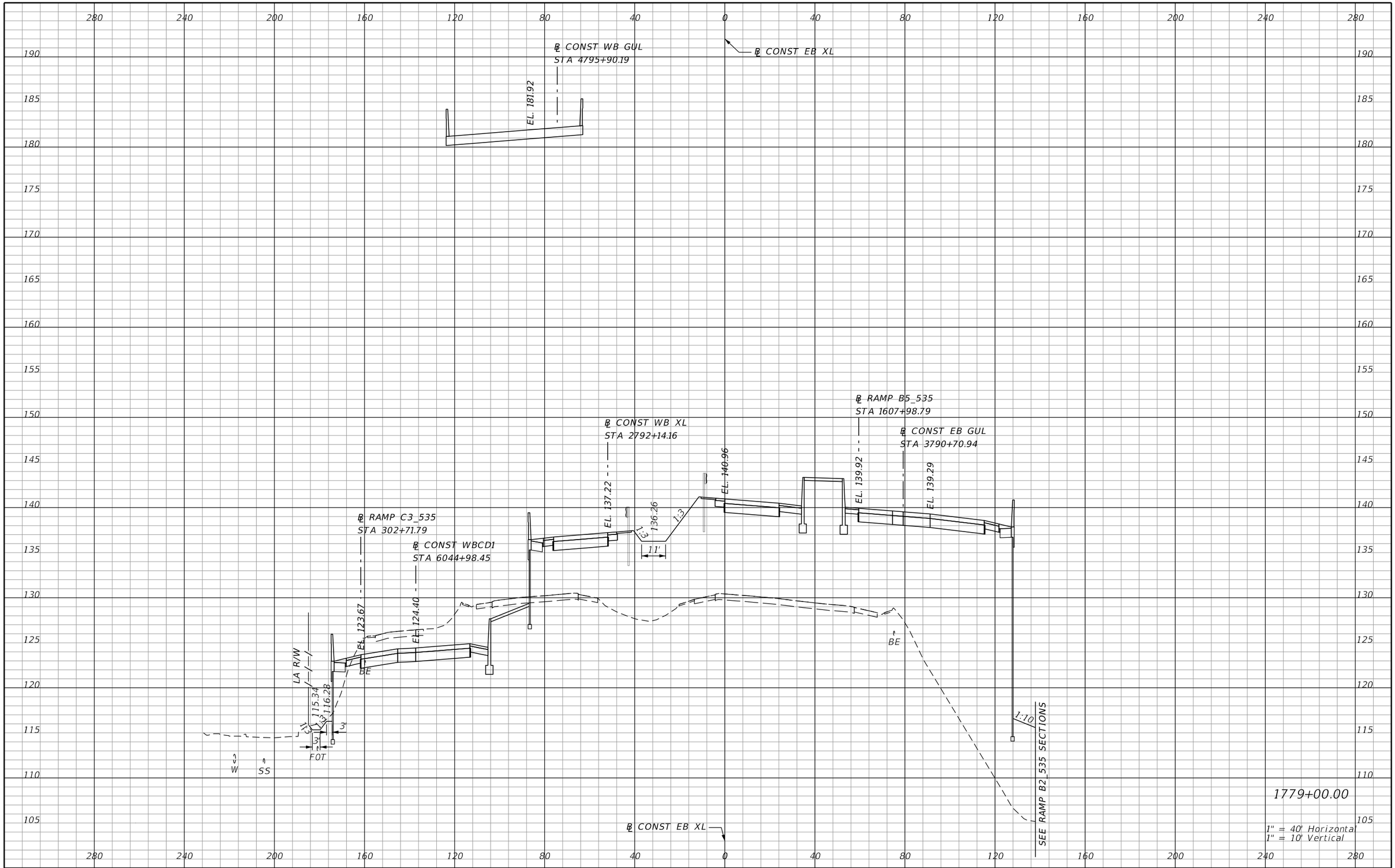
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 711

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 712

PRELIMINARY: NOT FOR CONSTRUCTION

℄ CONST WB GUL
STA 4796+90.27

EL. 183.16

℄ CONST EB XL

℄ CONST WB XL
STA 2793+14.21

EL 138.19

1:3

136.87

1:3

9'

EL. 141.68

℄ RAMP B5_535
STA 1608+98.84

EL. 140.60

℄ CONST EB GUL
STA 3791+70.86

EL. 140.07

℄ CONST WBCD1
STA 6045+98.60

℄ RAMP C3_535
STA 303+70.34

EL. 125.12

EL. 126.51

BE

BE

BE

LA R/W

114.77

116.06

1:4

4'

5'

SS

W

FOT

POND 137B3

1:15

1:4

SEE RAMP B2_535 SECTIONS

1780+00.00

1" = 40' Horizontal
1" = 10' Vertical

℄ CONST EB XL

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

190 185 180 175 170 165 160 155 150 145 140 135 130 125 120 115 110 105

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 713

PRELIMINARY: NOT FOR CONSTRUCTION

℄ CONST EB XL

℄ CONST WB GUL
STA 4797+90.34
EL. 184.22

℄ CONST WB XL
STA 2794+14.26
EL. 138.99

℄ CONST WBCD1
STA 6046+98.75
EL. 129.32

℄ RAMP C3_535
STA 304+71.08
EL. 125.32

℄ CONST EB GUL
STA 3792+70.78
EL. 140.69

EL. 142.22

137.48
1:3
1:3
9'
BE
BE
BE
LA R/W
114.19
116.75
1:4
1:4
4'
5'
WBF0BE 5S
F0T
1:15
1:4
1:2
POND 137B3
93.20
SEE RAMP B2_535 SECTIONS
℄ CONST EB XL

1781+00.00
1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

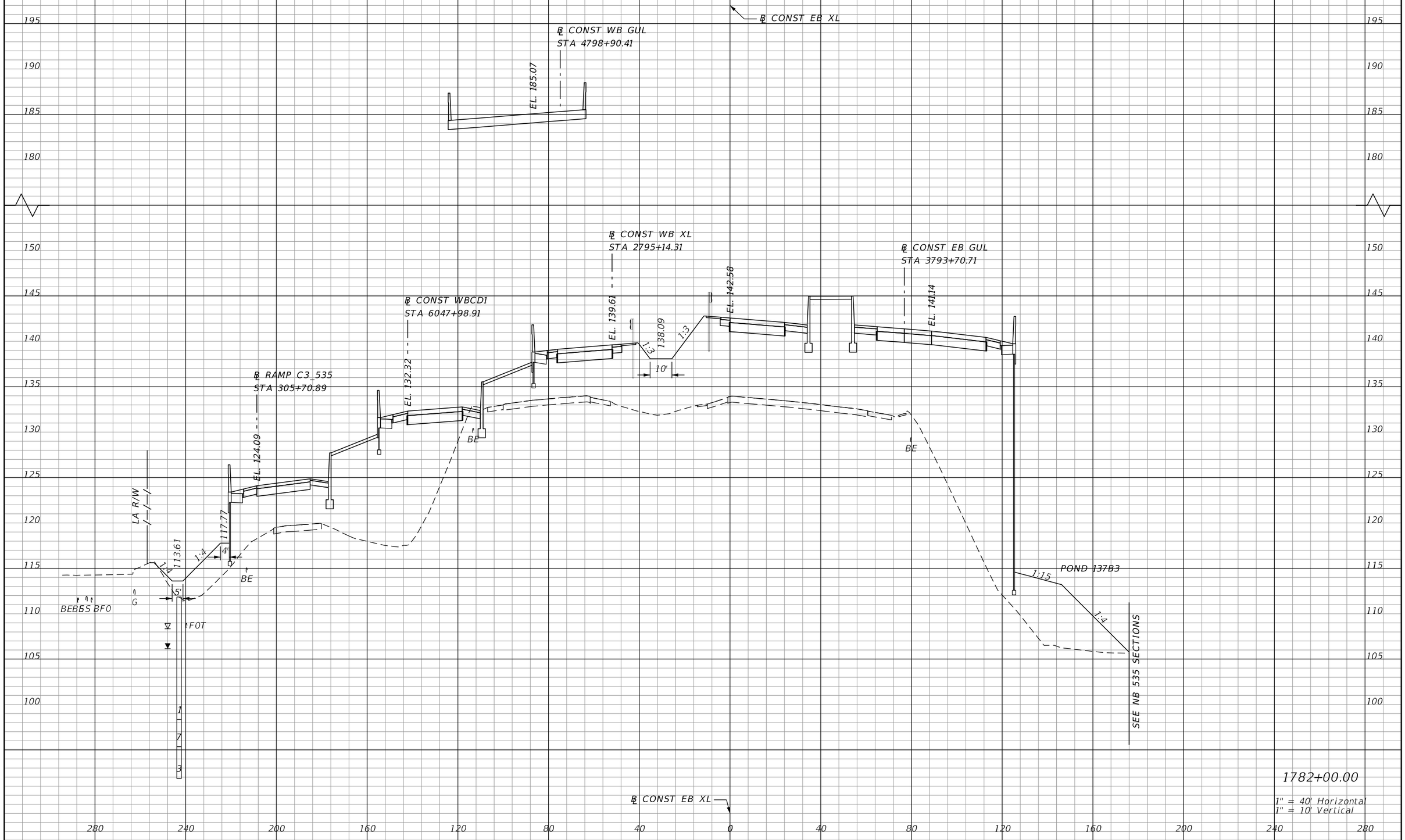
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 714

mike.s.phillips 2/24/2021 7:41:26 PM c:\pwworking\aecom_na\msphillips\dms28329\RDXSRD02_SEGF_XEBI4.DGN



REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 715

PRELIMINARY: NOT FOR CONSTRUCTION

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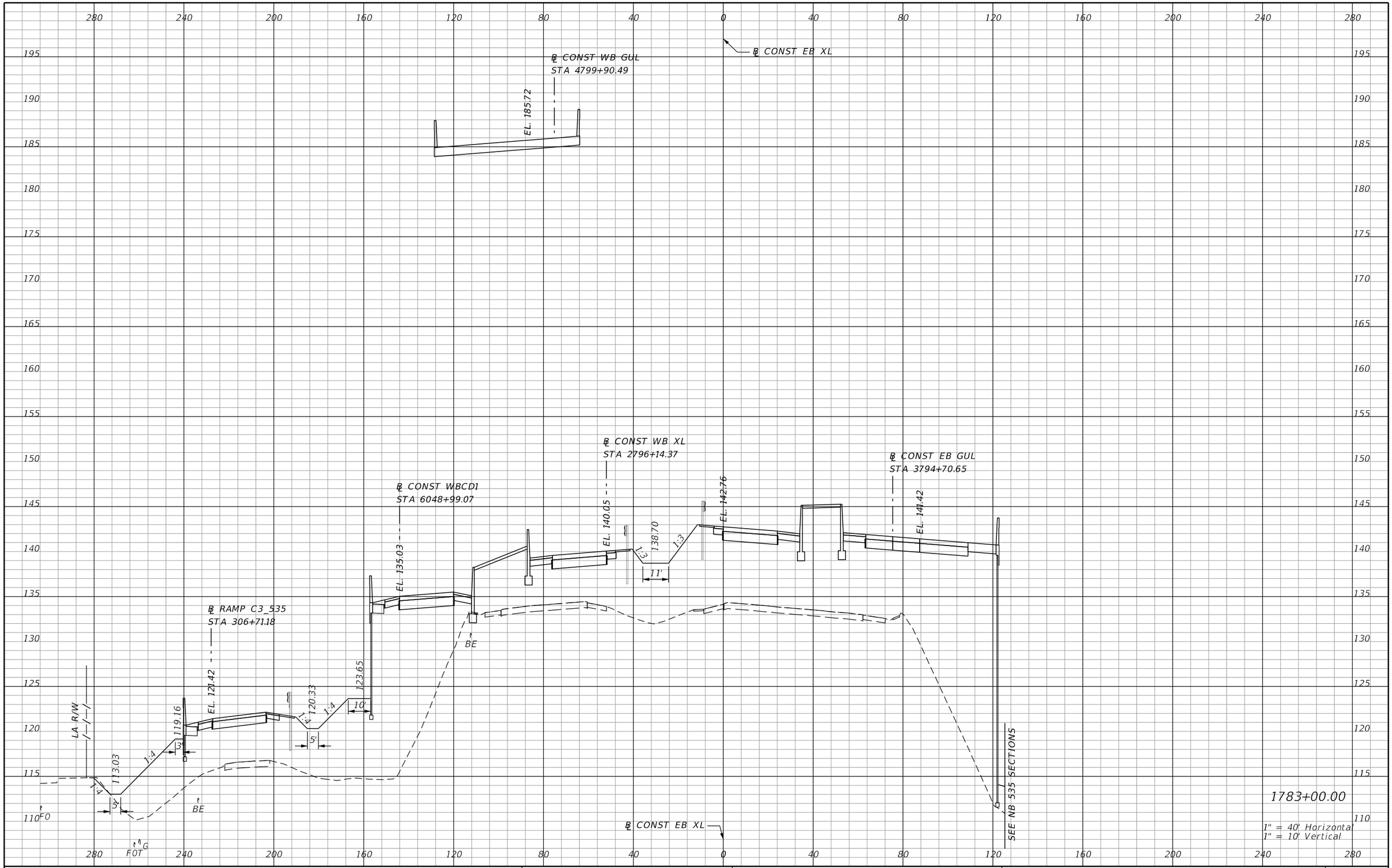

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 716

mike.s.phillips 2/24/2021 7:41:33 PM c:\pwworking\aecom_na\msphillips\dms28329\RDXSRD02_SEGF_XEBI4.DGN

℄ CONST WB GUL
STA 4800+90.56

EL. 186.18

℄ CONST EB XL

℄ CONST WB XL
STA 2797+14.42

℄ CONST WBCD1
STA 6049+99.23

EL. 137.34

EL. 140.31

EL. 142.76

139.31

1:3

20'

SEE NB 535 SECTIONS

℄ RAMP C3_535
STA 307+71.49

EL. 118.56

LA R/W

112.46

117.12

116.22

123.49

1:4

1:6

10'

5'

SS BF0

BE

FOT

BEGIN BRIDGE
℄ CONST EB XL STA 1784+40.37

BEGIN BRIDGE
℄ CONST WB XL STA 2798+00.97

1784+00.00

℄ CONST EB XL

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 717

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℄ CONST WB GUL
STA 4801+90.64

EL. 186.44

℄ CONST EB XL

℄ CONST WB XL
STA 2798+14.47

℄ CONST WBCD1
STA 6050+99.39

EL. 139.24

EL. 140.40

SEE NB 535 SECTIONS

℄ RAMP A1_535
STA 2500+81.47

℄ RAMP C3_535
STA 308+67.46

LA R/W

EL. 114.36

EL. 115.10

111.90

112.29

112.95

1:4

1:49

1:6

10'

24'

6'

SS BF0

FOT

BE

G

1785+00.00

1" = 40' Horizontal
1" = 10' Vertical

℄ CONST EB XL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 718

PRELIMINARY: NOT FOR CONSTRUCTION

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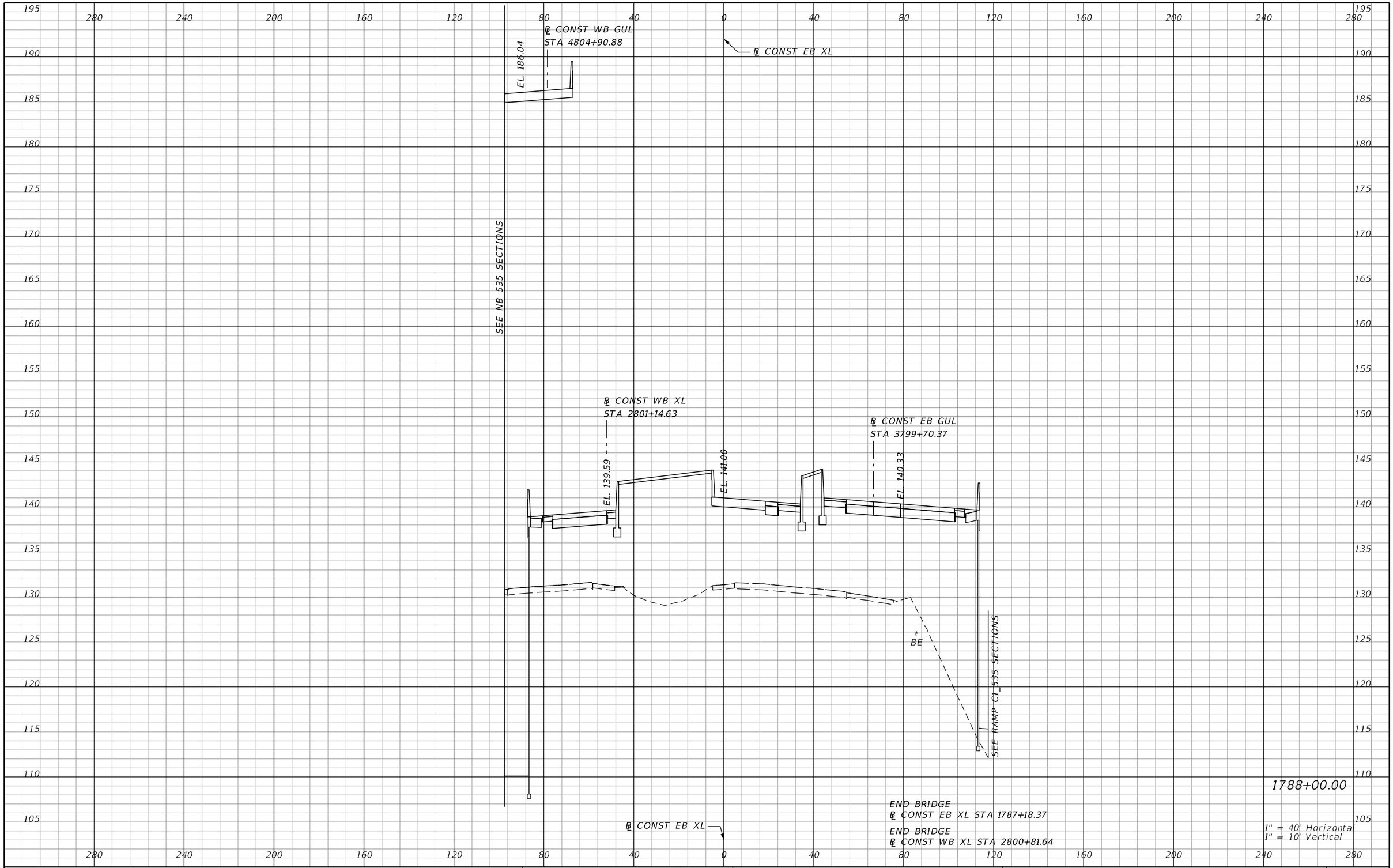

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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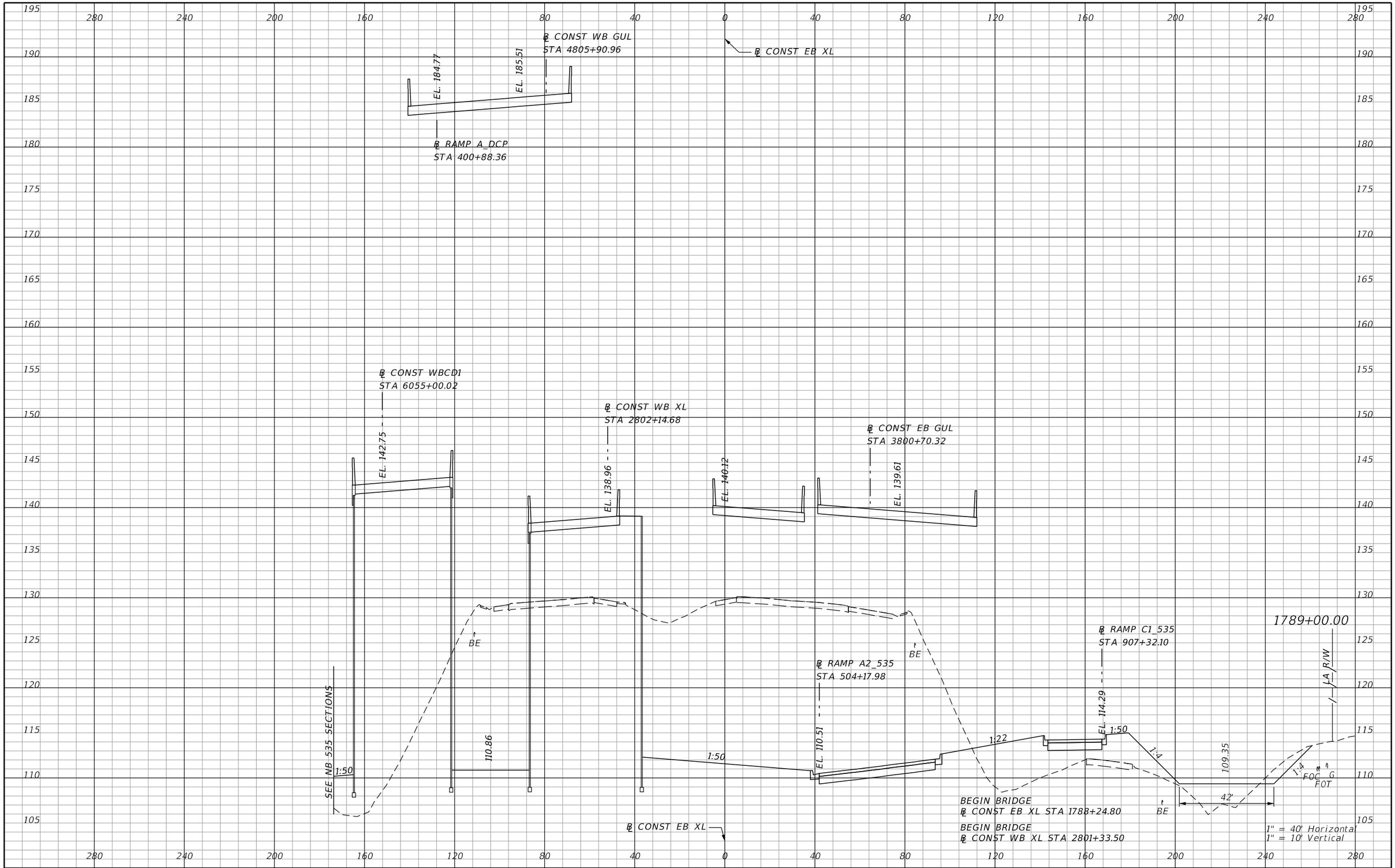
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 719

mike.s.phillips 2/24/2021 7:41:42 PM c:\pwworking\aecom_na\msphillips\dms28329\RDXSRD02_SEGF_XEBI4.DGN



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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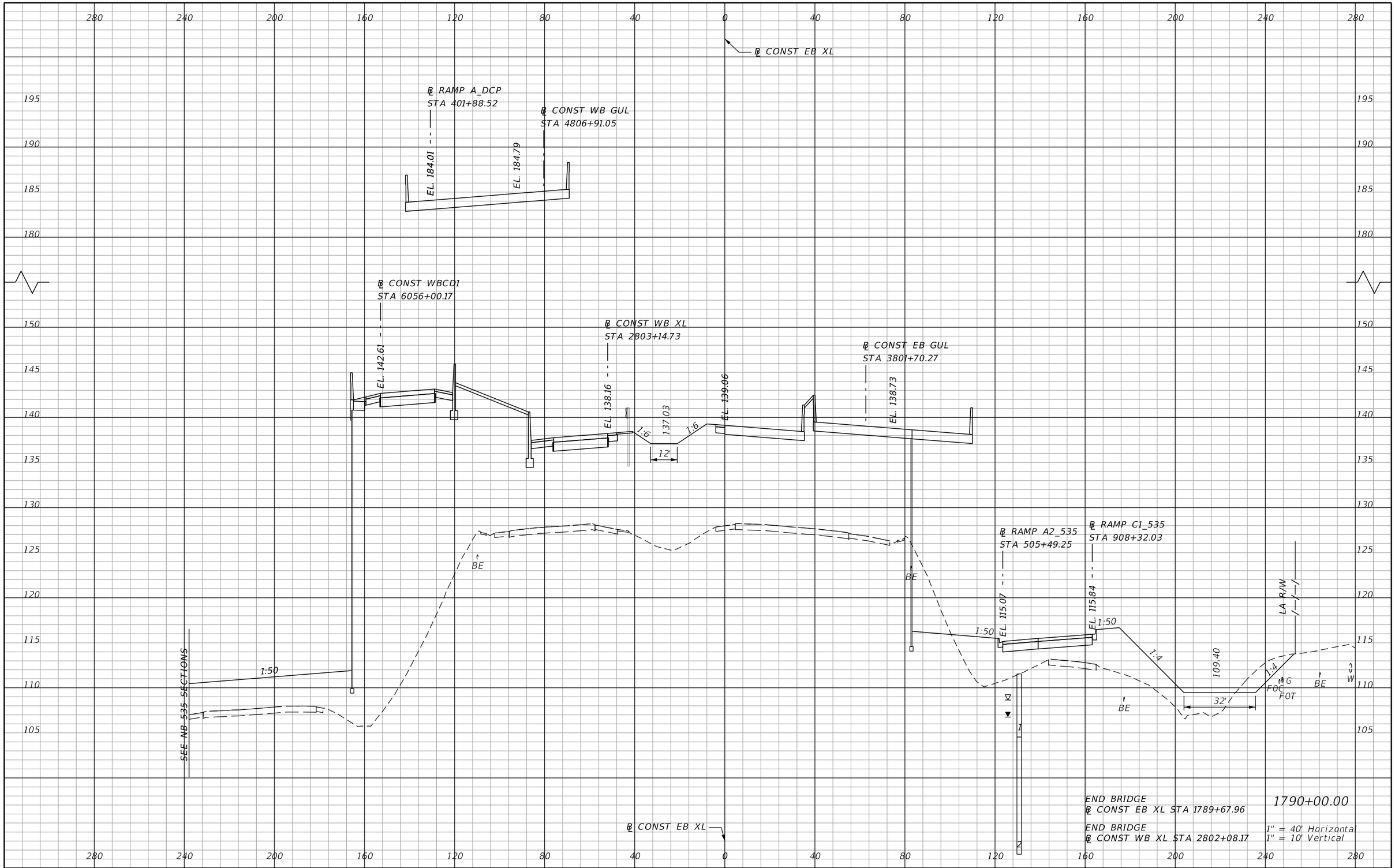
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 720

PRELIMINARY: NOT FOR CONSTRUCTION



PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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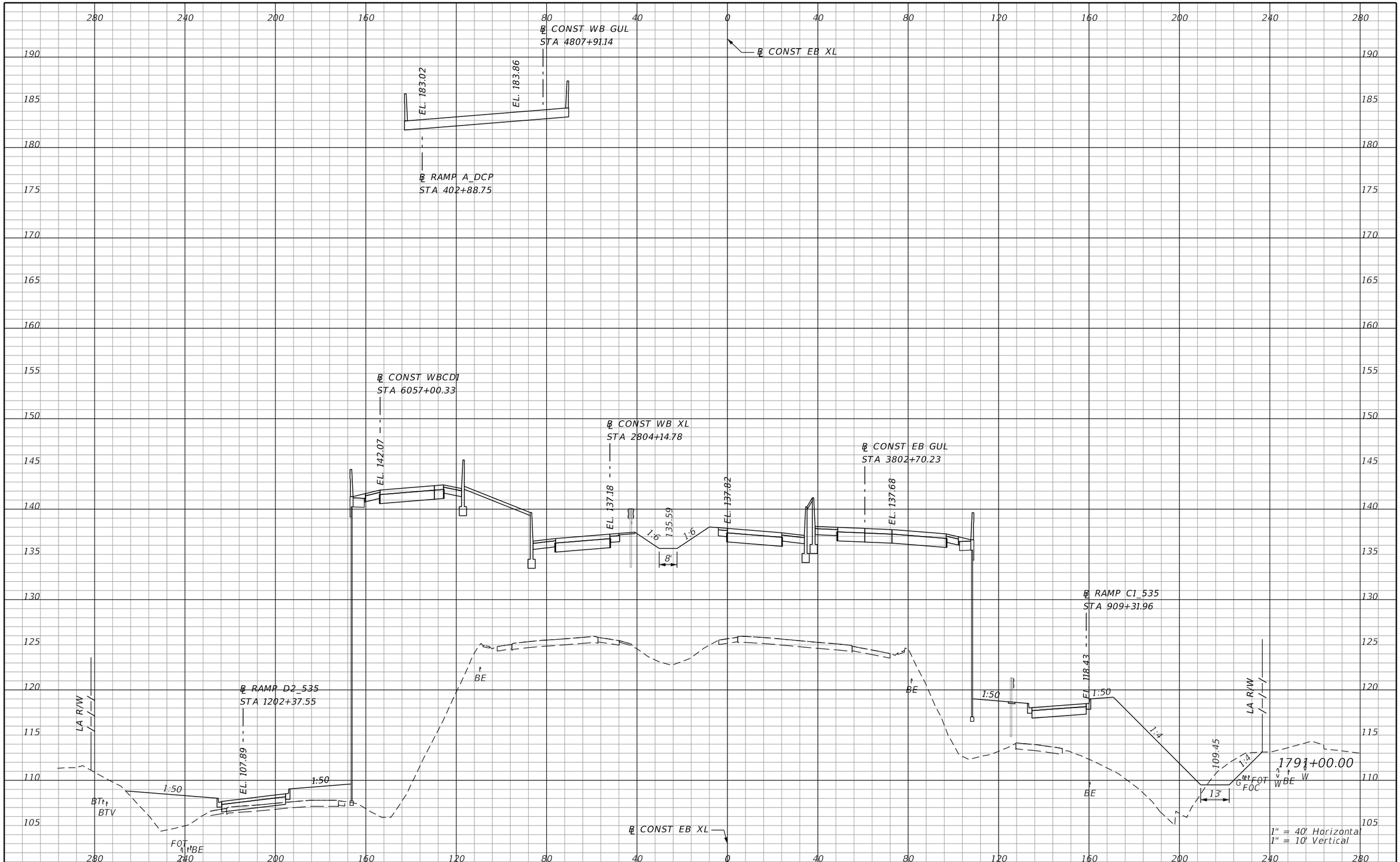
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 721



PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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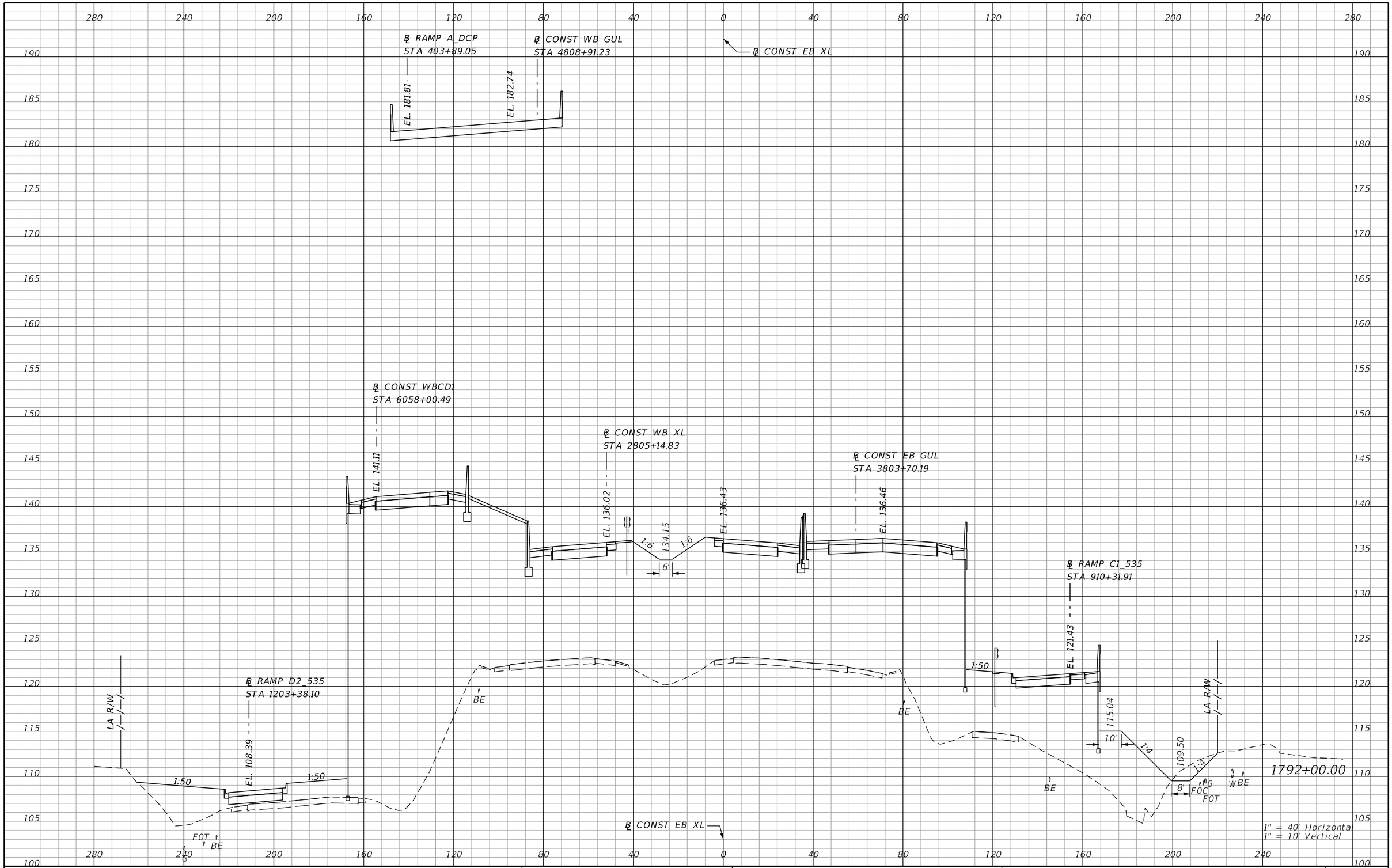
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
722



REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 280
723

PRELIMINARY: NOT FOR CONSTRUCTION

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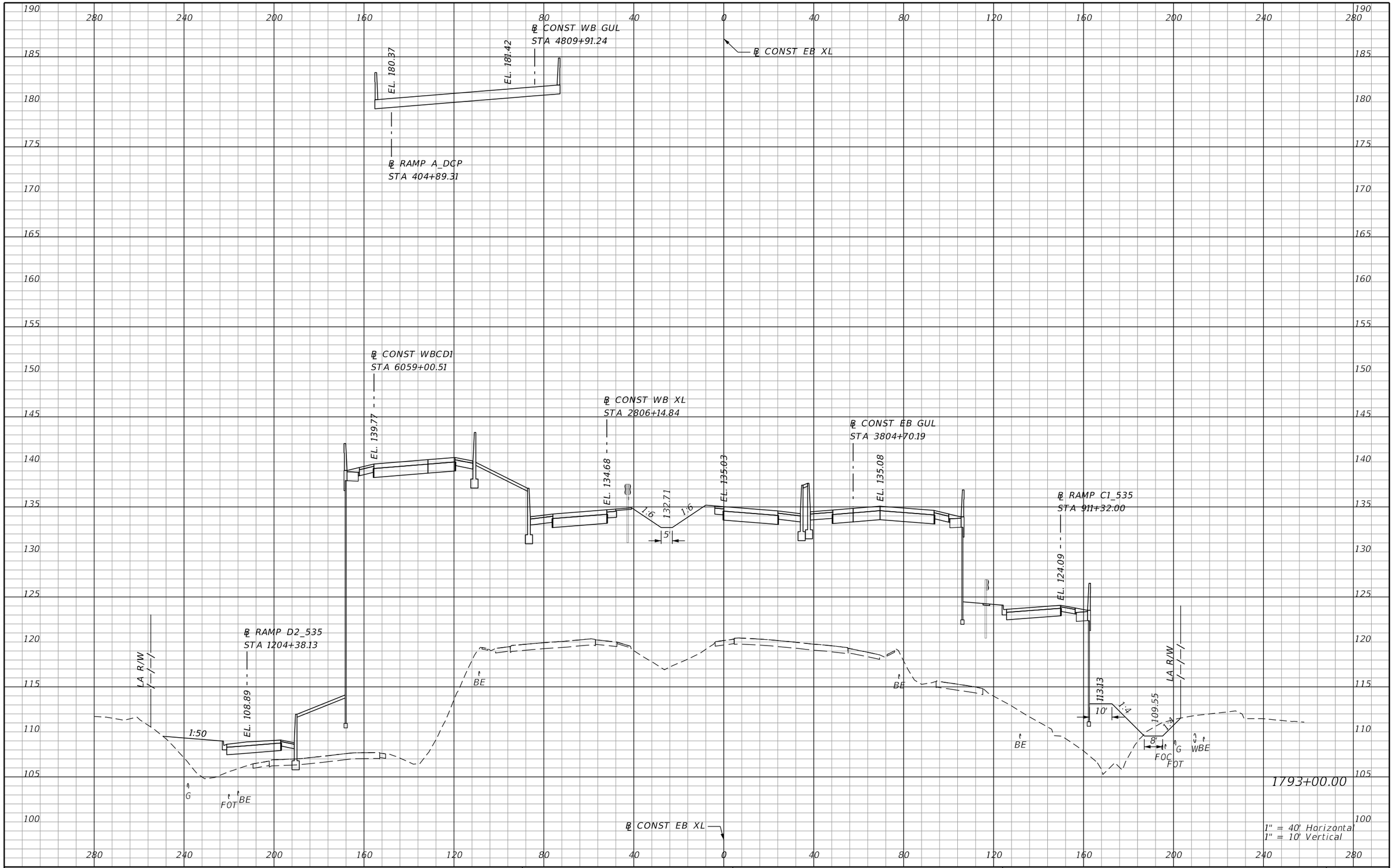

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 724

PRELIMINARY: NOT FOR CONSTRUCTION

℄ RAMP A_DCP
STA 405+89.67

℄ CONST WB GUL
STA 4810+91.25

℄ CONST EB XL

EL. 178.71

EL. 179.91

℄ CONST WBCD1
STA 6060+00.52

℄ CONST WB XL
STA 2807+14.84

℄ CONST EB GUL
STA 3805+70.20

℄ RAMP C1_535
STA 912+32.10

EL. 138.32

EL. 133.28

EL. 131.27

EL. 133.63

EL. 133.53

EL. 126.02

1:6

1:6

5'

℄ RAMP D2_535
STA 1205+38.13

LA R/W

EL. 109.39

106.81

5'

G

FOT

BE

BE

BE

110.95

109.60

LA R/W

9'

8'

FOC

FOT

G W

BE

℄ CONST EB XL

1794+00.00

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 725

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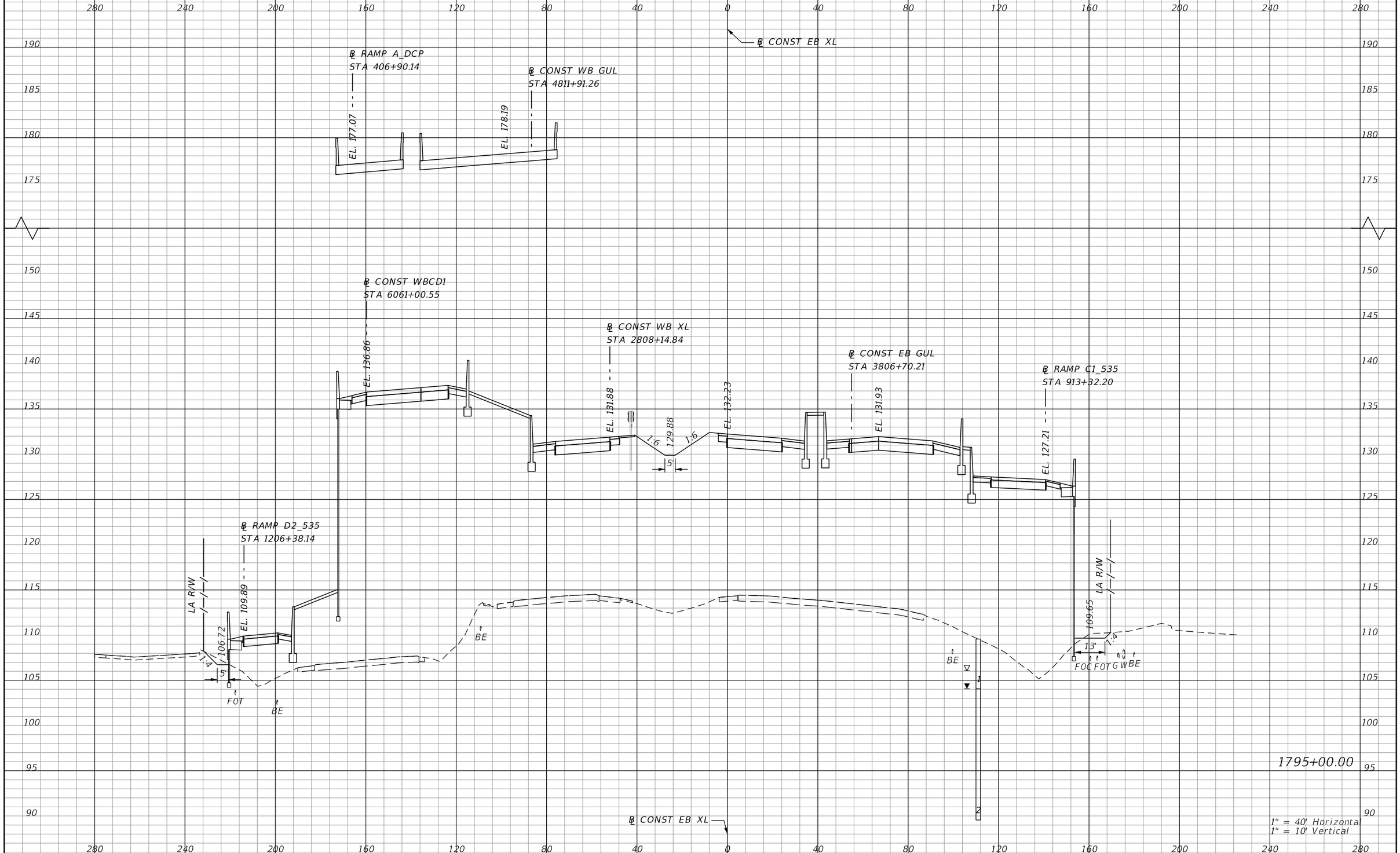

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

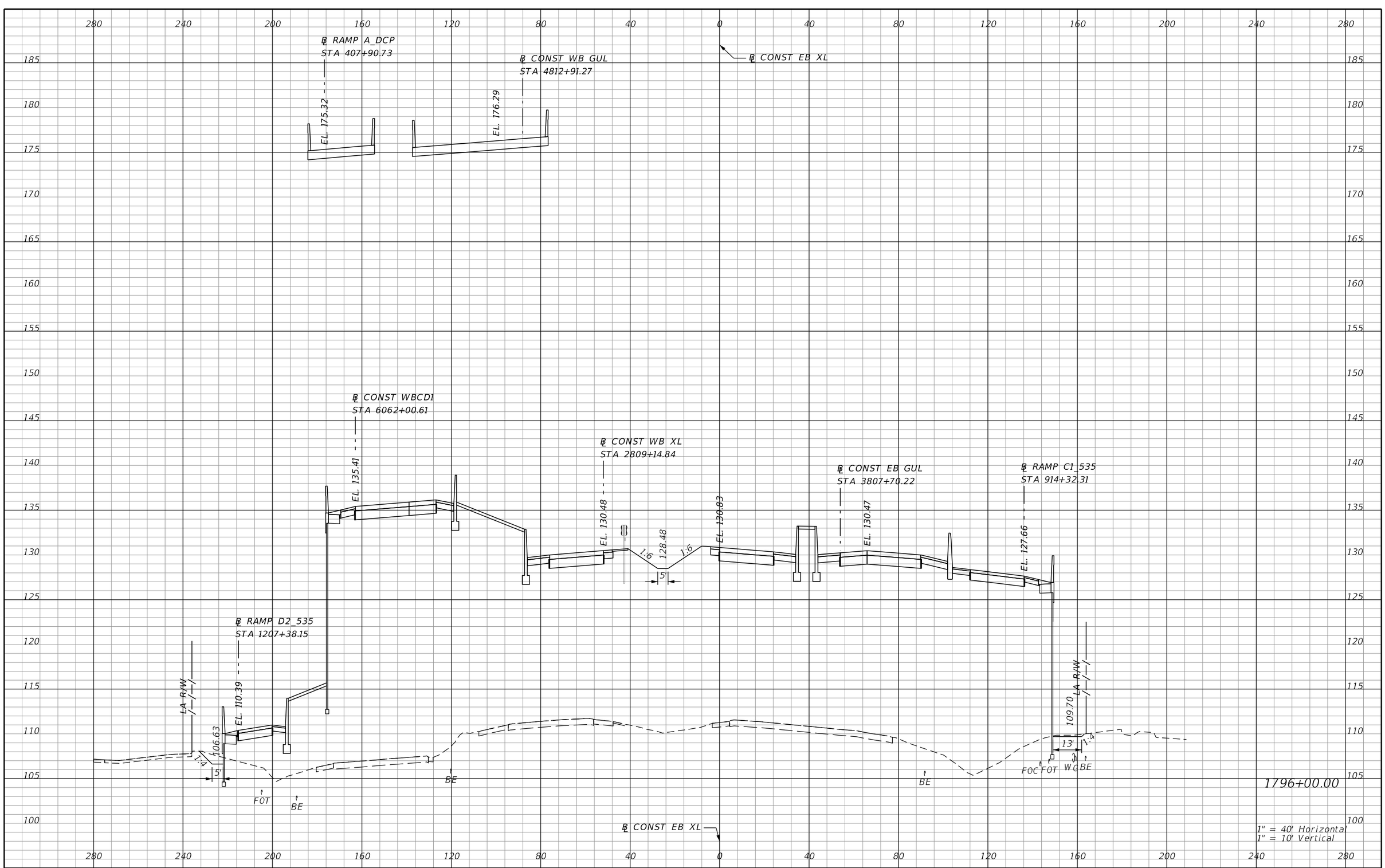
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 726

mike.s.phillips 2/24/2021 7:42:03 PM c:\pwworking\aecom_na\msphillips\dms28329\RDXSRD02_SEGF_XEBI4.DGN

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 727

PRELIMINARY: NOT FOR CONSTRUCTION

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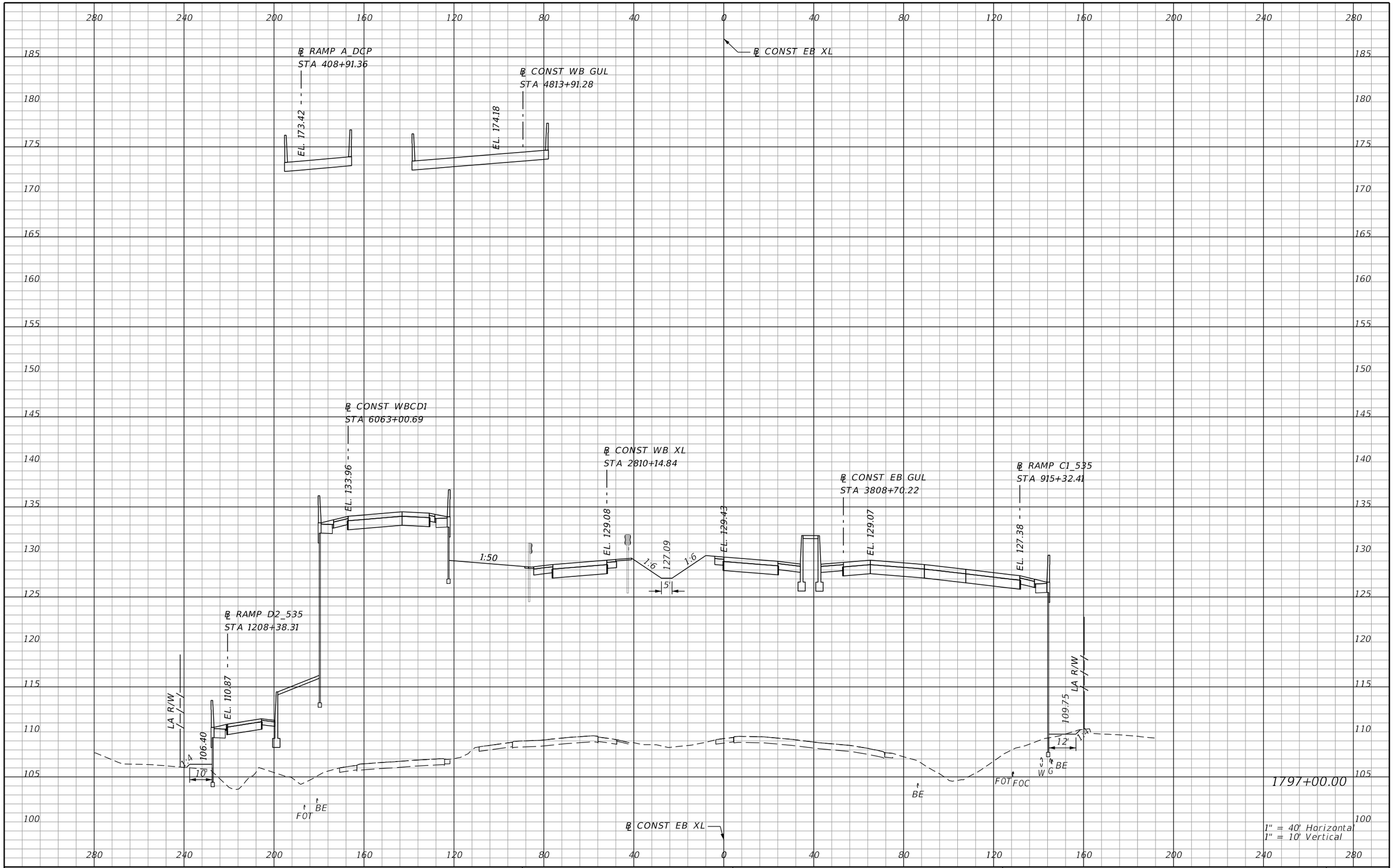

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 728

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ RAMP A_DCP
STA 409+91.98
EL. 171.37
℄ CONST WB GUL
STA 4814+91.29
EL. 171.87
℄ CONST EB XL
℄ CONST WBCD1
STA 6064+00.82
EL. 132.51
℄ RAMP D3_535
STA 1300+78.21
EL. 132.63
℄ CONST WB XL
STA 2811+14.84
EL. 127.68
1:10
126.00
20'
1:10
1:6
125.69
5'
1:6
EL. 128.03
℄ CONST EB GUL
STA 3809+70.22
EL. 127.67
EL. 126.35
℄ RAMP C1_535
STA 916+32.51
℄ RAMP D2_535
STA 1209+38.89
EL. 111.07
LA R/W
105.46
7'
FOT
BE
BE
FOT
FOC
BE
109.80
LA R/W
13'
1:4
W
1798+00.80
℄ CONST EB XL
1" = 40' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Orlando, FL, 32801
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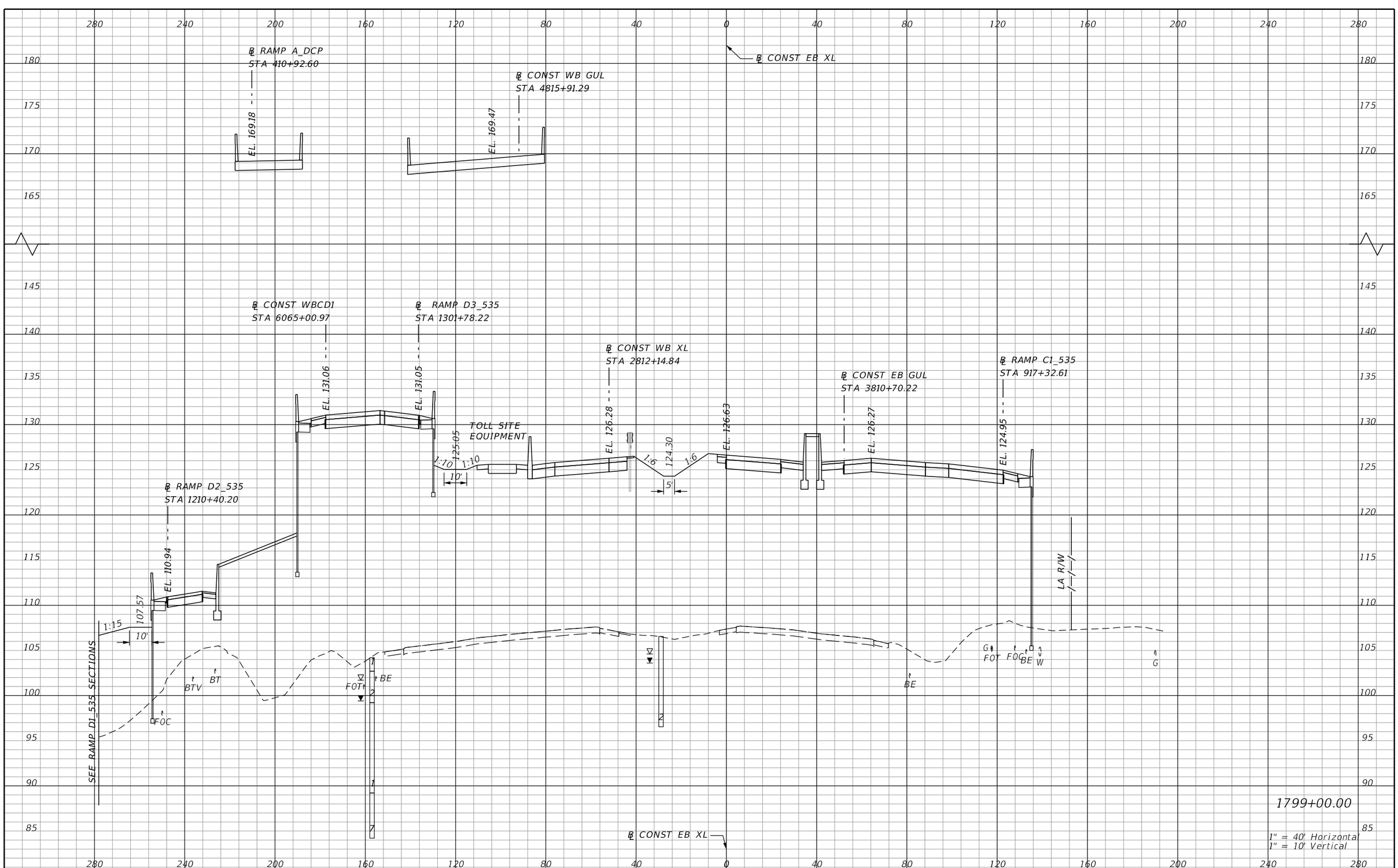
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 729

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 730

PRELIMINARY: NOT FOR CONSTRUCTION

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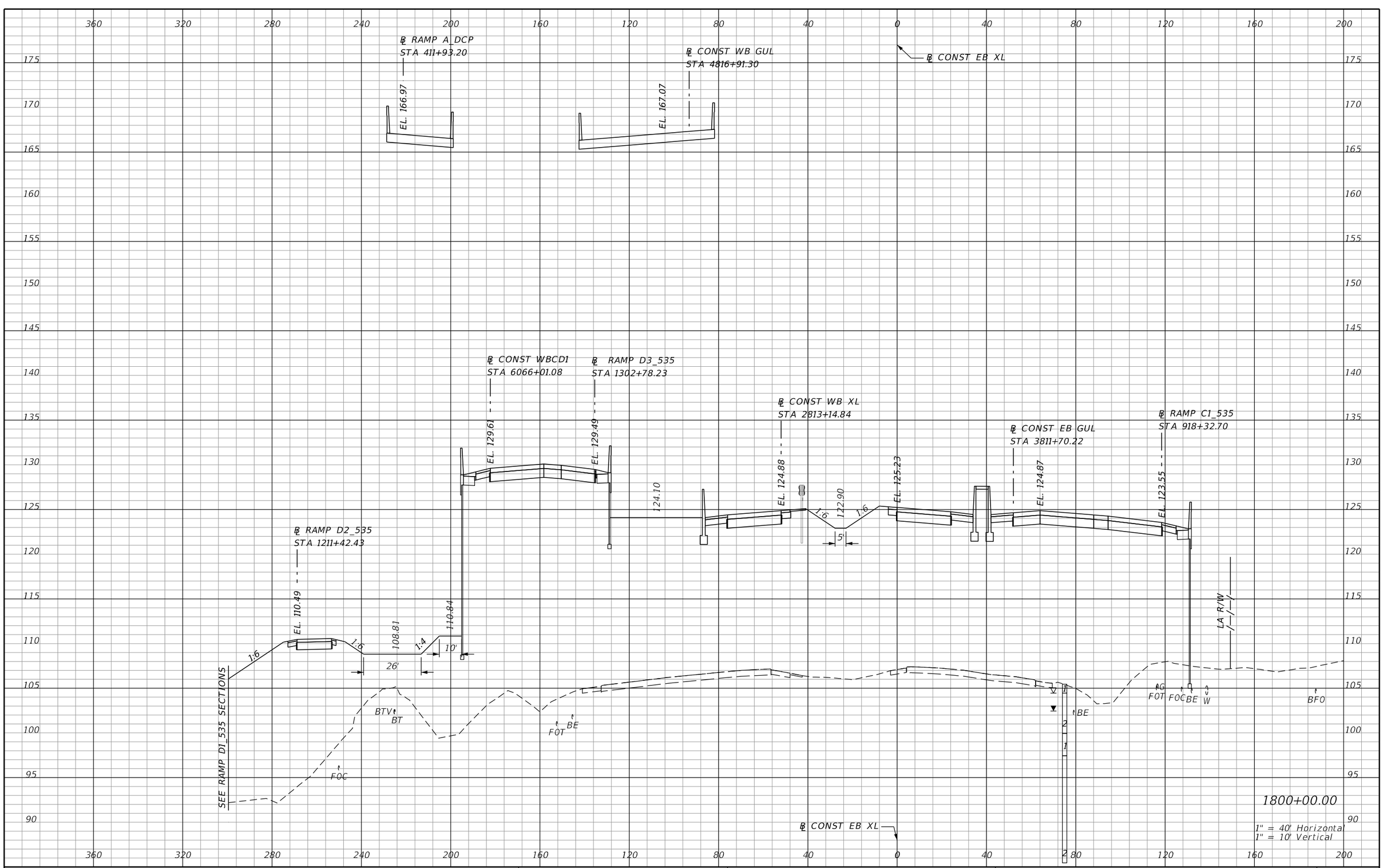

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 731

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ RAMP A_DCP
STA 412+93.65
EL. 164.76

℄ CONST WB GUL
STA 4817+91.31
EL. 164.67

℄ CONST EB XL

℄ CONST WBCD1
STA 6067+01.16
EL. 128.33

℄ RAMP D3_535
STA 1303+78.30
EL. 128.04

℄ CONST WB XL
STA 2814+14.84
EL. 123.48

℄ CONST EB GUL
STA 3812+70.22
EL. 123.47

℄ RAMP C1_535
STA 919+32.75
EL. 122.18

℄ RAMP D2_535
STA 1212+41.54
EL. 109.99

SEE RAMP D1_535 SECTIONS

1:6 1:6 108.11 1:4 109.71 10' 45'

1:6 121.51 1:6 5'

EL. 123.03

LA R/W

R/W LINE

BT BTV FOC FOT BE BE G FOT FOC BE W FOC

℄ CONST EB XL

1801+00.00

1" = 40' Horizontal
1" = 10' Vertical

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 732

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℄ RAMP A_DCP
STA 413+93.94
EL. 162.55

℄ CONST WB GUL
STA 4818+91.31
EL. 162.27

℄ CONST EB XL

℄ CONST WBCD1
STA 6068+01.21
EL. 127.76

℄ RAMP D3_535
STA 1304+78.48
EL. 126.12

℄ CONST WB XL
STA 2815+14.84
EL. 122.08
1:6
120.11
1:6
EL. 122.43
5'

℄ CONST EB GUL
STA 3813+70.22
EL. 122.07

℄ RAMP C1_535
STA 920+32.77
EL. 120.84

℄ RAMP D2_535
STA 1213+43.58
EL. 109.48
1:6
107.41
1:6
60'
1:4
109.21
10'
SEE RAMP D1_535 SECTIONS
BT
BTV
FOC
FOT
BE
LA R/W
R/W LINE
G
FOT FOC
BE
W
BE
BE

℄ CONST EB XL

1802+00.00

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 733

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℄ CONST EB XL

℄ RAMP A DCP
STA 414+94.12

EL. 160.34

℄ CONST WB GUL
STA 4819+91.31

EL. 159.87

℄ CONST WBCD1
STA 6069+01.23

EL. 127.93

℄ RAMP D3_535
STA 1305+77.67

EL. 123.69

℄ CONST WB XL
STA 2816+14.84

EL. 120.68

1:6

118.72

1:6

5'

EL. 121.03

℄ CONST EB GUL
STA 3814+70.22

EL. 120.67

℄ RAMP C1_535
STA 921+32.78

EL. 119.47

LA R/W

℄ RAMP D2_535
STA 1214+44.69

EL. 109.04

1:6

1:6

106.71

70'

1:4

108.74

10'

SEE RAMP D1_535 SECTIONS

BT

BTV

FOT

BE

BE

BE

G

FOT

FOC

BE

W

1803+00.00

℄ CONST EB XL

1" = 40' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
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Certificate of Authorization No. 8115 www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 734

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ CONST EB XL

℄ RAMP A_DCP
STA 415+94.21

EL. 158.15

℄ CONST WB GUL
STA 4820+91.31

EL. 157.47

℄ CONST WBCD1
STA 6070+01.24

EL. 128.82

℄ RAMP D3_535
STA 1306+77.92

EL. 120.75

℄ CONST WB XL
STA 2817+14.84

EL. 119.28

117.32

EL. 119.63

℄ CONST EB GUL
STA 3815+70.22

EL. 119.27

℄ RAMP D2_535
STA 1215+45.15

EL. 109.17

1:6

1:6

107.41

1:4

108.80

10'

85'

5'

1:6

1:6

SEE RAMP D1_535 SECTIONS

LA R/W

FOT

BE

BTV

BT

BE

BE

G

FOT

FOC

BE

W

℄ CONST EB XL

1804+00.00

1" = 40' Horizontal
1" = 10' Vertical

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 735

PRELIMINARY: NOT FOR CONSTRUCTION

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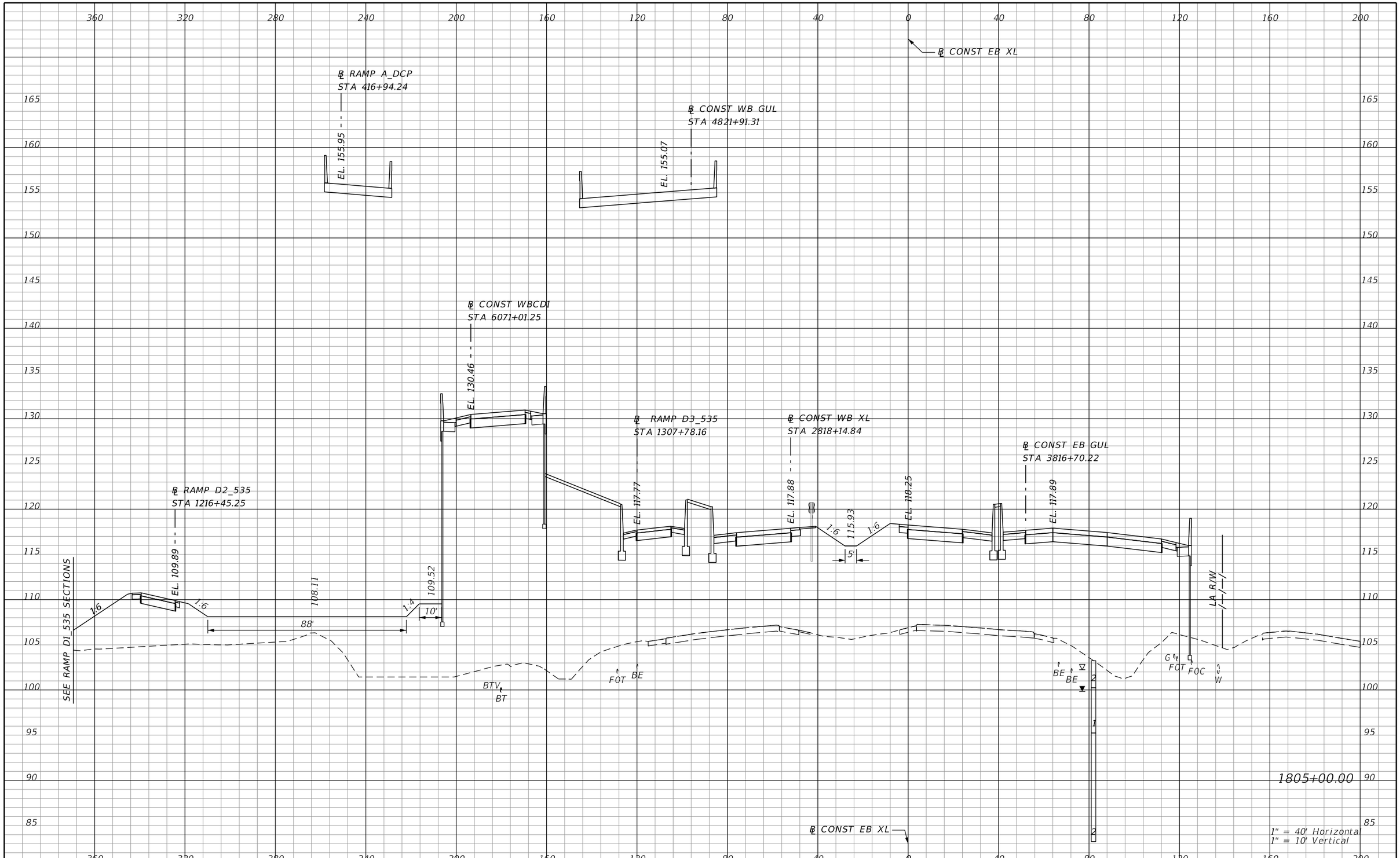

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
736

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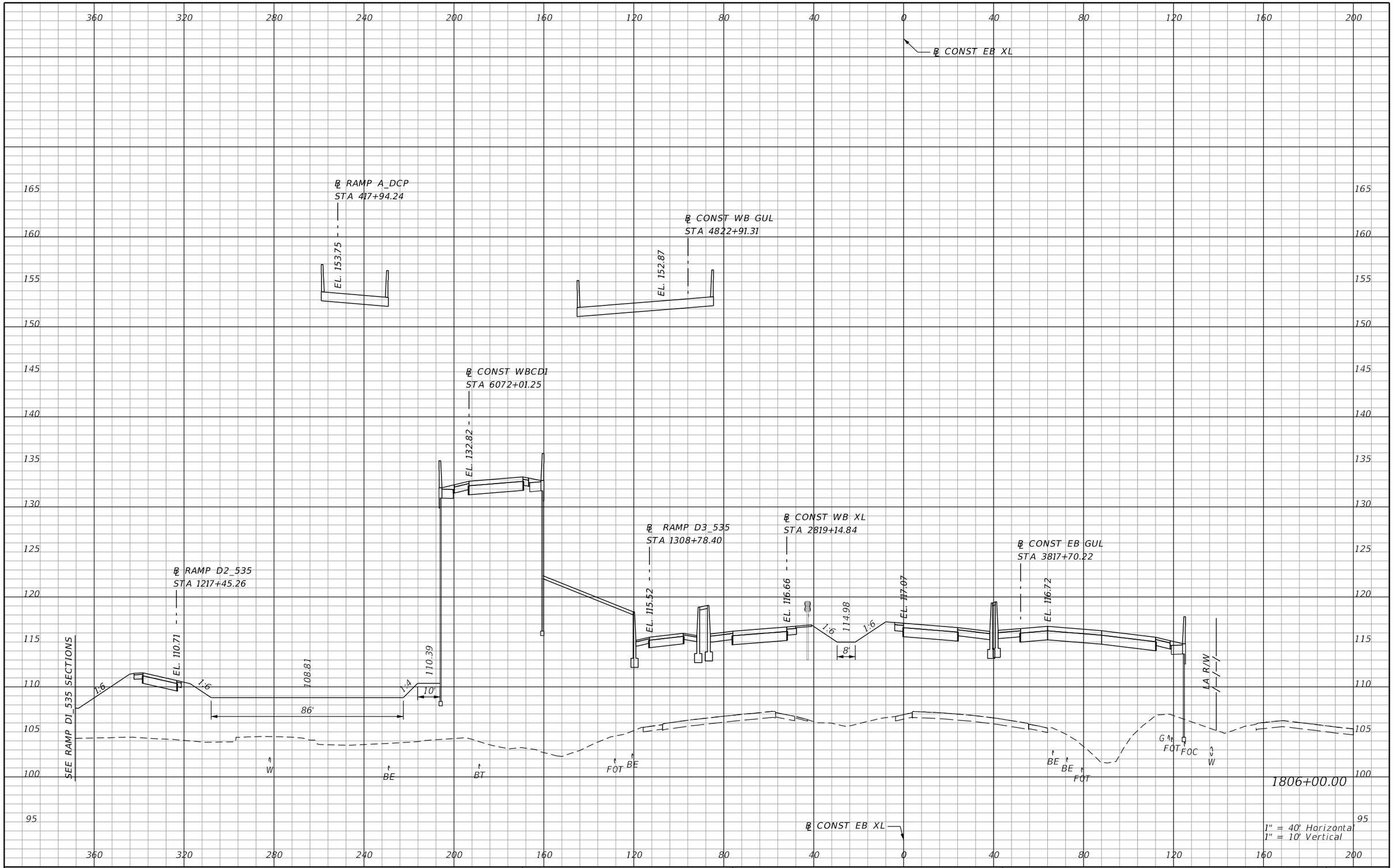

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 737

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ CONST EB XL

℄ RAMP A_DCP
STA 418+94.25
EL. 151.56

℄ CONST WB GUL
STA 4823+91.31
EL. 151.15

℄ CONST WBCD1
STA 6073+01.25
EL. 135.78

℄ RAMP D2_535
STA 1218+45.47
EL. 111.53
SEE RAMP D1 535 SECTIONS
110.40
1:6
10'
1:6
78'
109.51
1:4
111.26
10'
W
BE
BT

℄ RAMP D3_535
STA 1309+78.65
EL. 114.29

℄ CONST WB XL
STA 2820+14.84
EL. 115.71
1:6
114.04
1:6
EL. 116.15
8'
2
FOT
BE
℄ CONST EB XL

℄ CONST EB GUL
STA 3818+70.22
EL. 115.80
BE
FOT
G
FOC
W
LA R/W

1807+00.00

1" = 40' Horizontal
1" = 10' Vertical

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 738

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℄ CONST EB XL

℄ CONST WB GUL
STA 4824+91.32

EL. 149.92

℄ CONST WBCD1
STA 6074+01.27

EL. 138.78

SEE RAMP D1_535 SECTIONS

110.21

1:4

112.12

10'

23'

BE

BT

FOT

BE

℄ RAMP D3_535
STA 1310+78.89

EL. 113.88

℄ CONST WB XL
STA 2821+14.84

EL. 115.04

1:6

113.09

5'

1:6

EL. 115.49

℄ CONST EB GUL
STA 3819+69.83

EL. 115.14

LA R/W

BE

FOT

FOT G

FOC

W

1808+00.00

℄ CONST EB XL

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 739

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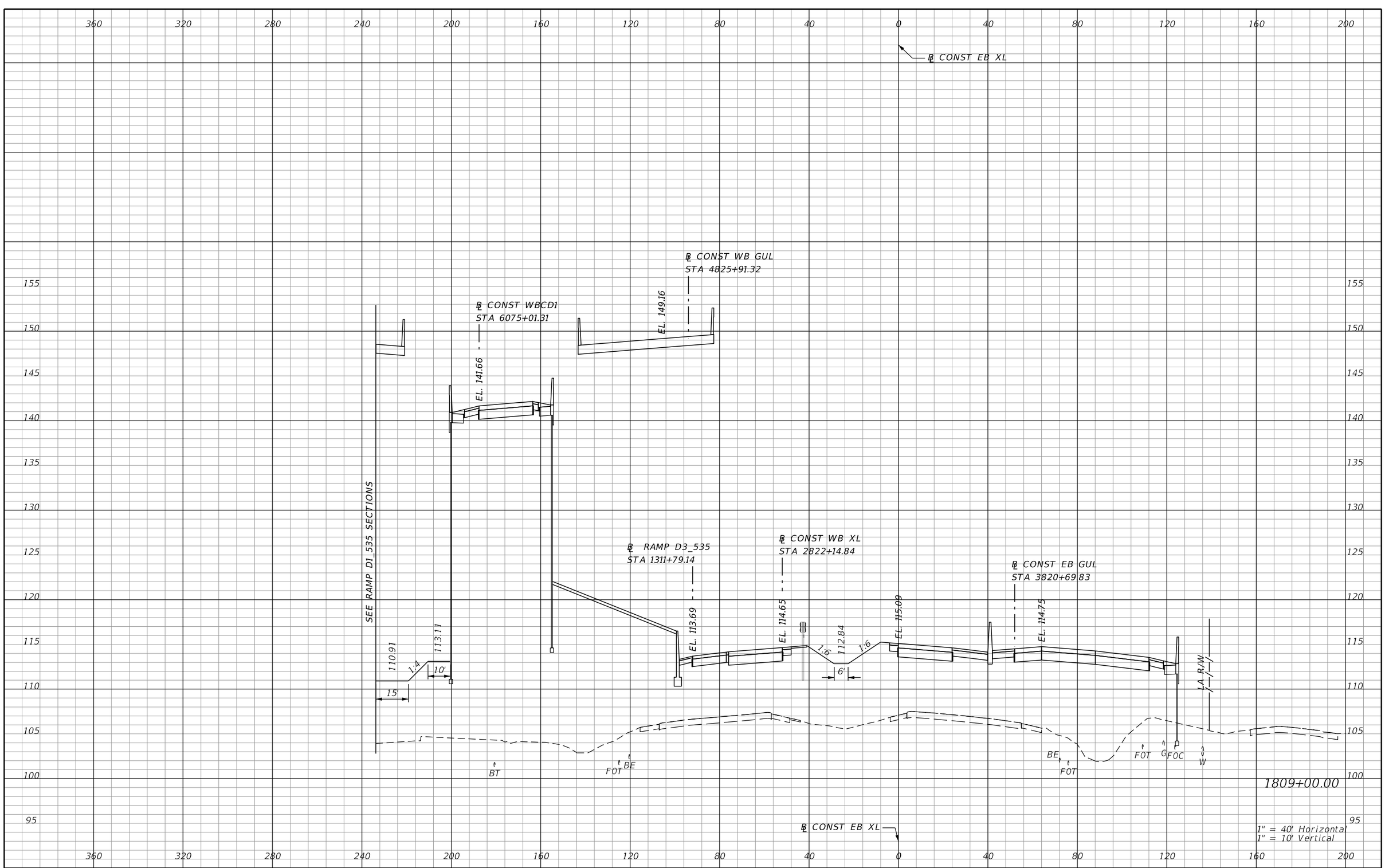

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 740

PRELIMINARY: NOT FOR CONSTRUCTION

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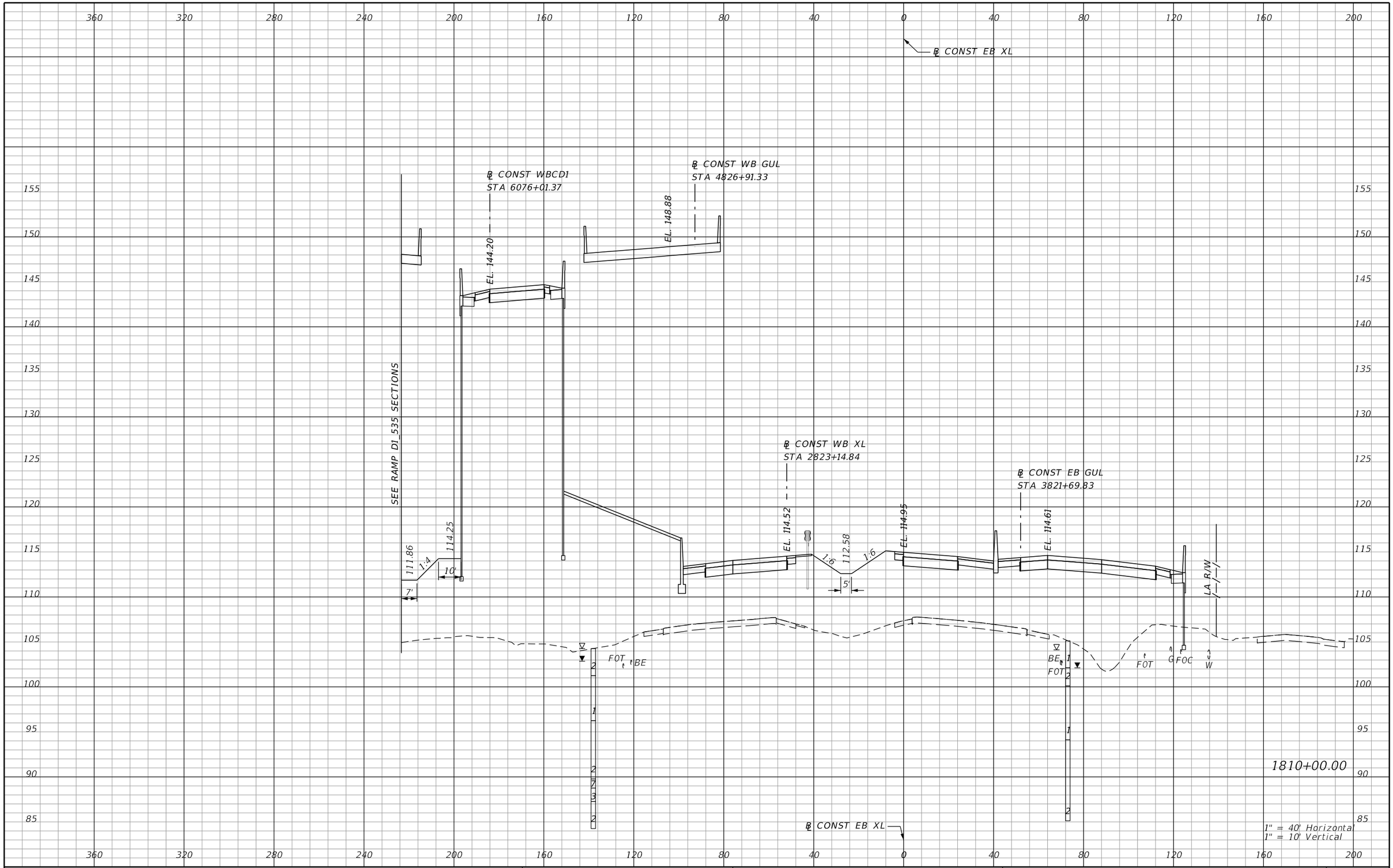

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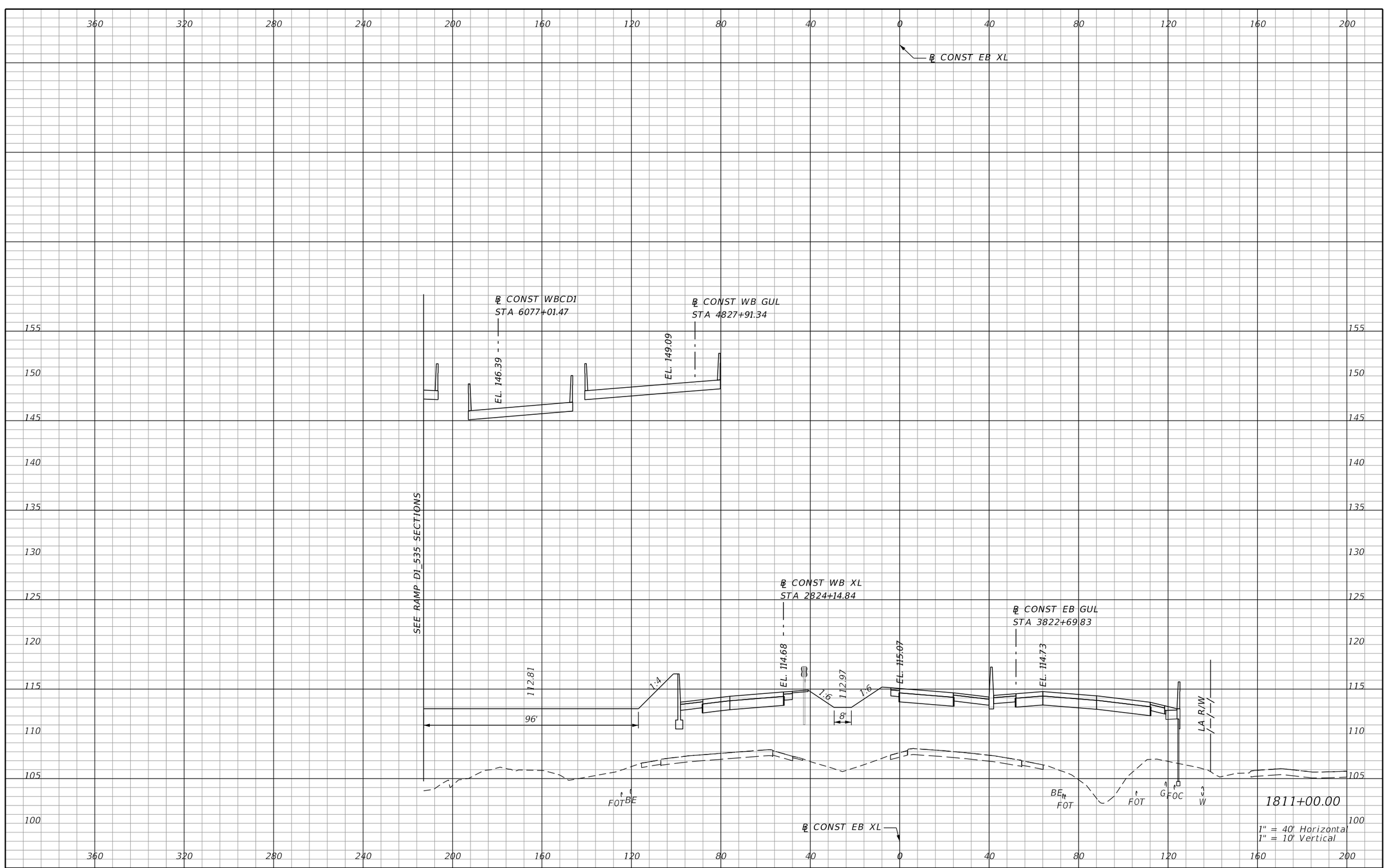
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 741

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 742

PRELIMINARY: NOT FOR CONSTRUCTION

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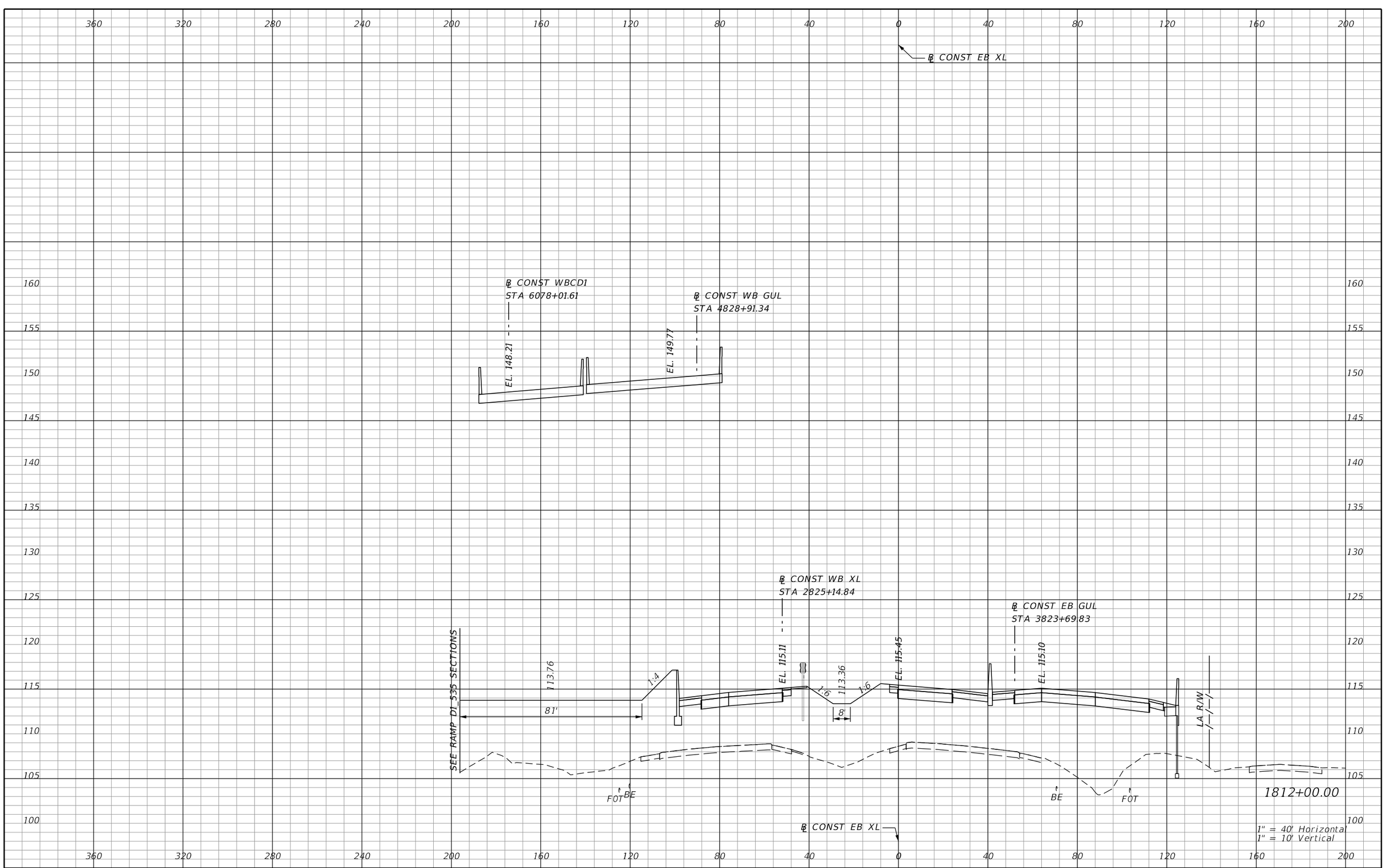

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 743

PRELIMINARY: NOT FOR CONSTRUCTION

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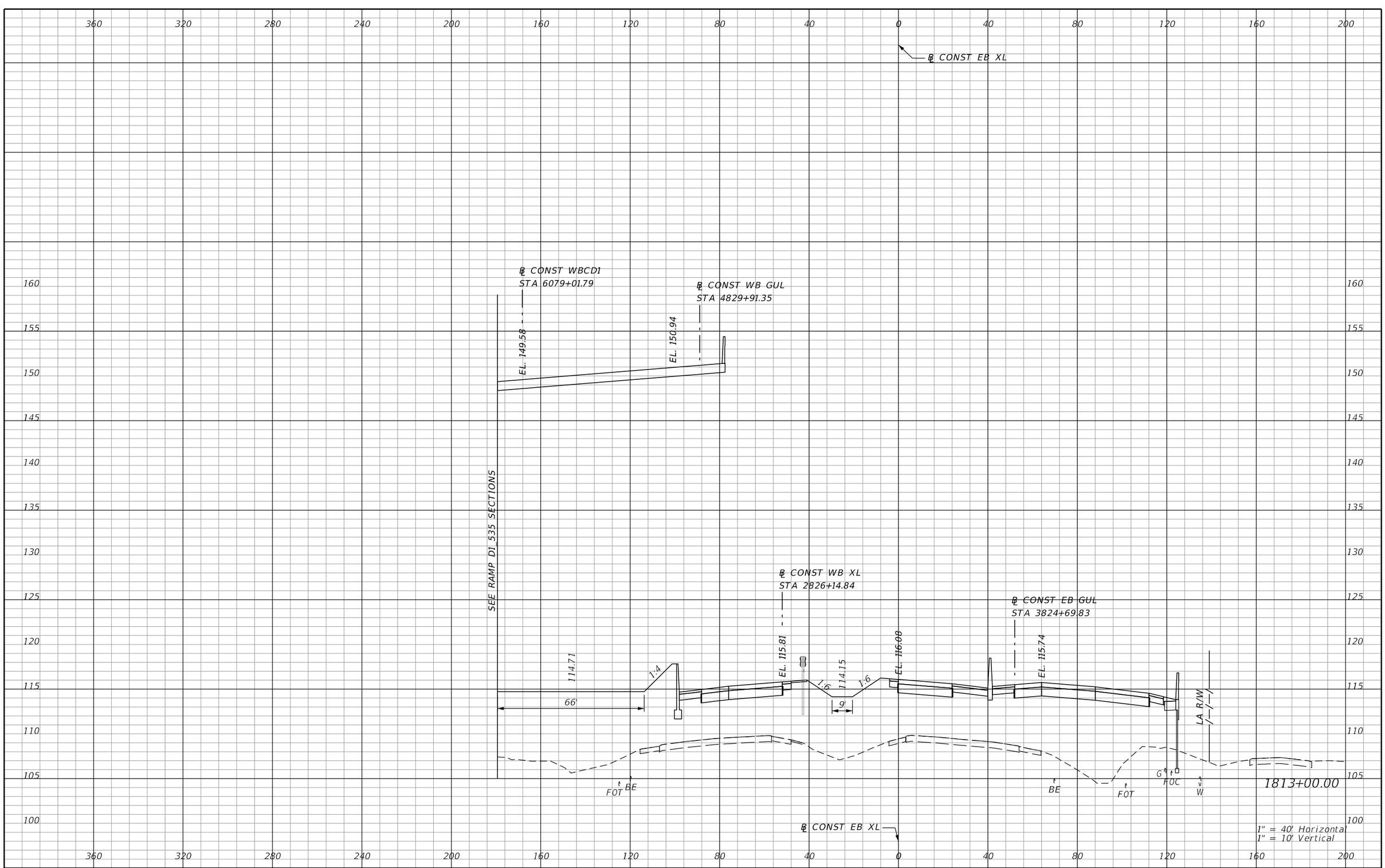

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 744

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ CONST EB XL

℄ RAMP A_DCP
STA 425+96.10

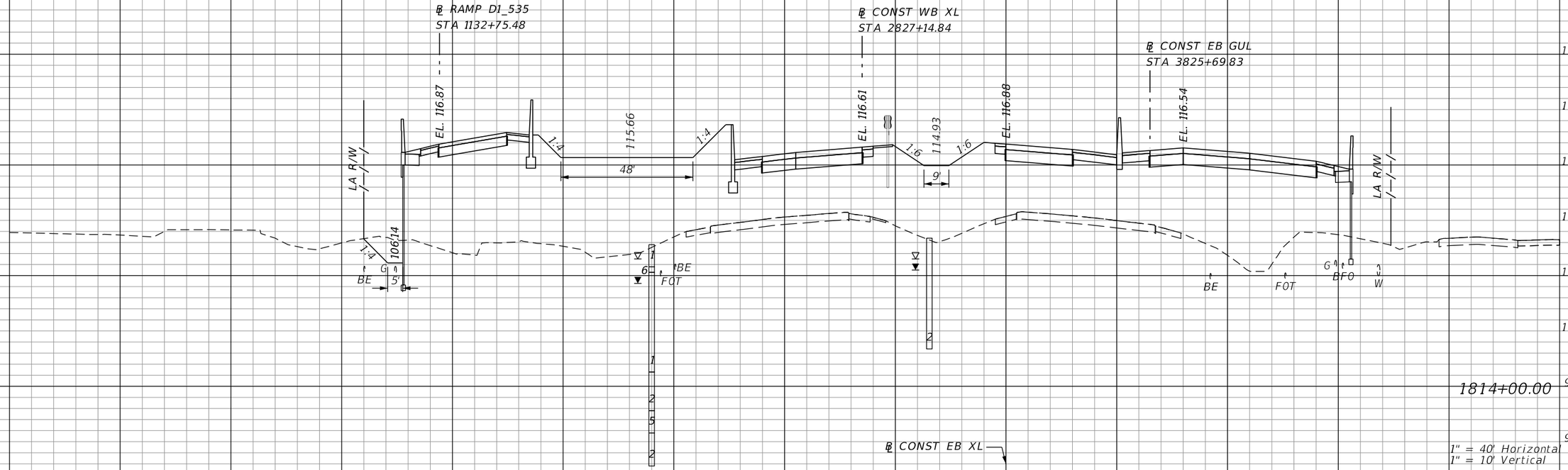
℄ CONST WBCD1
STA 6080+02.01

℄ CONST WB GUL
STA 4830+91.36

EL. 152.39

EL. 151.13

EL. 152.39



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 745

PRELIMINARY: NOT FOR CONSTRUCTION

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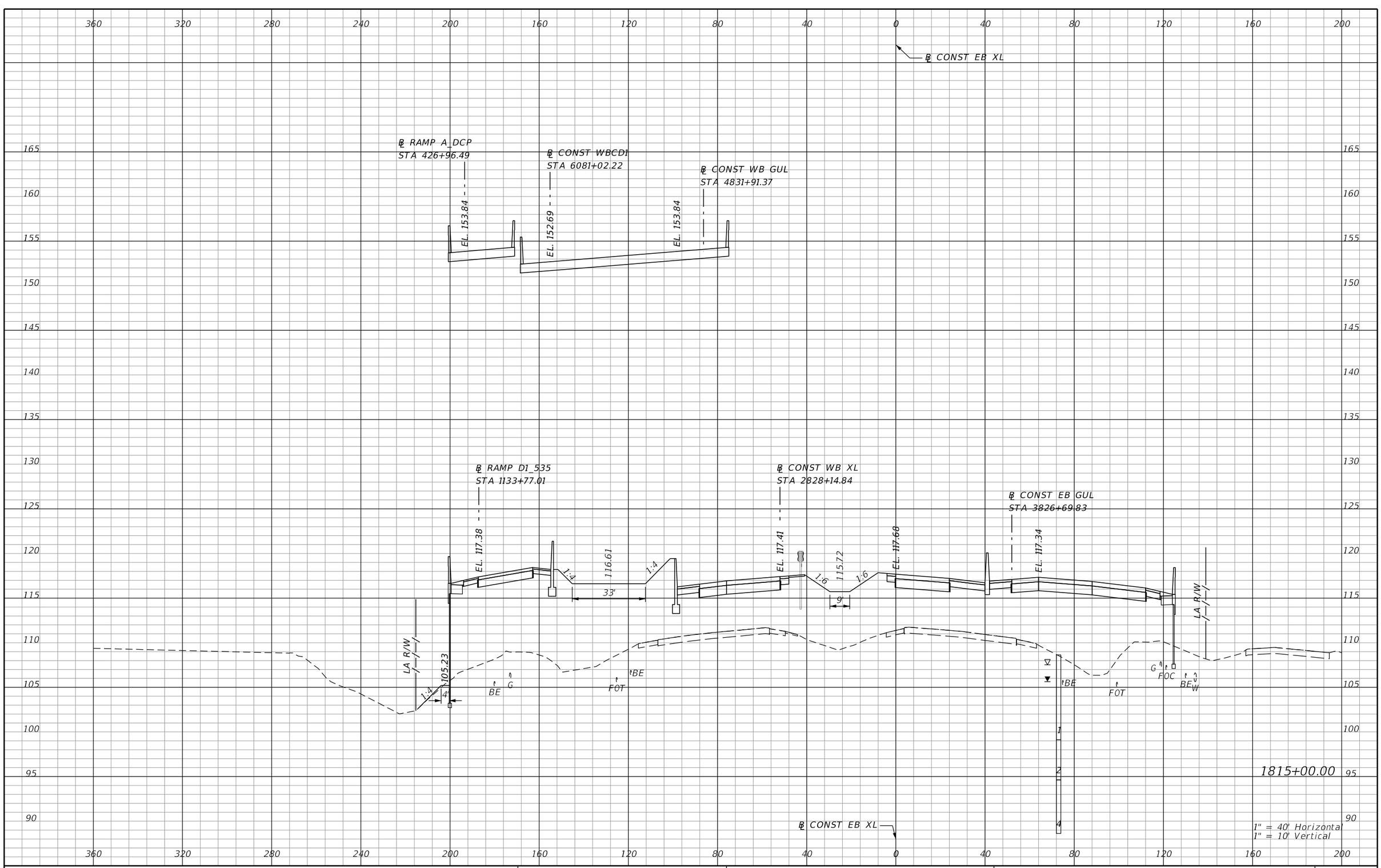

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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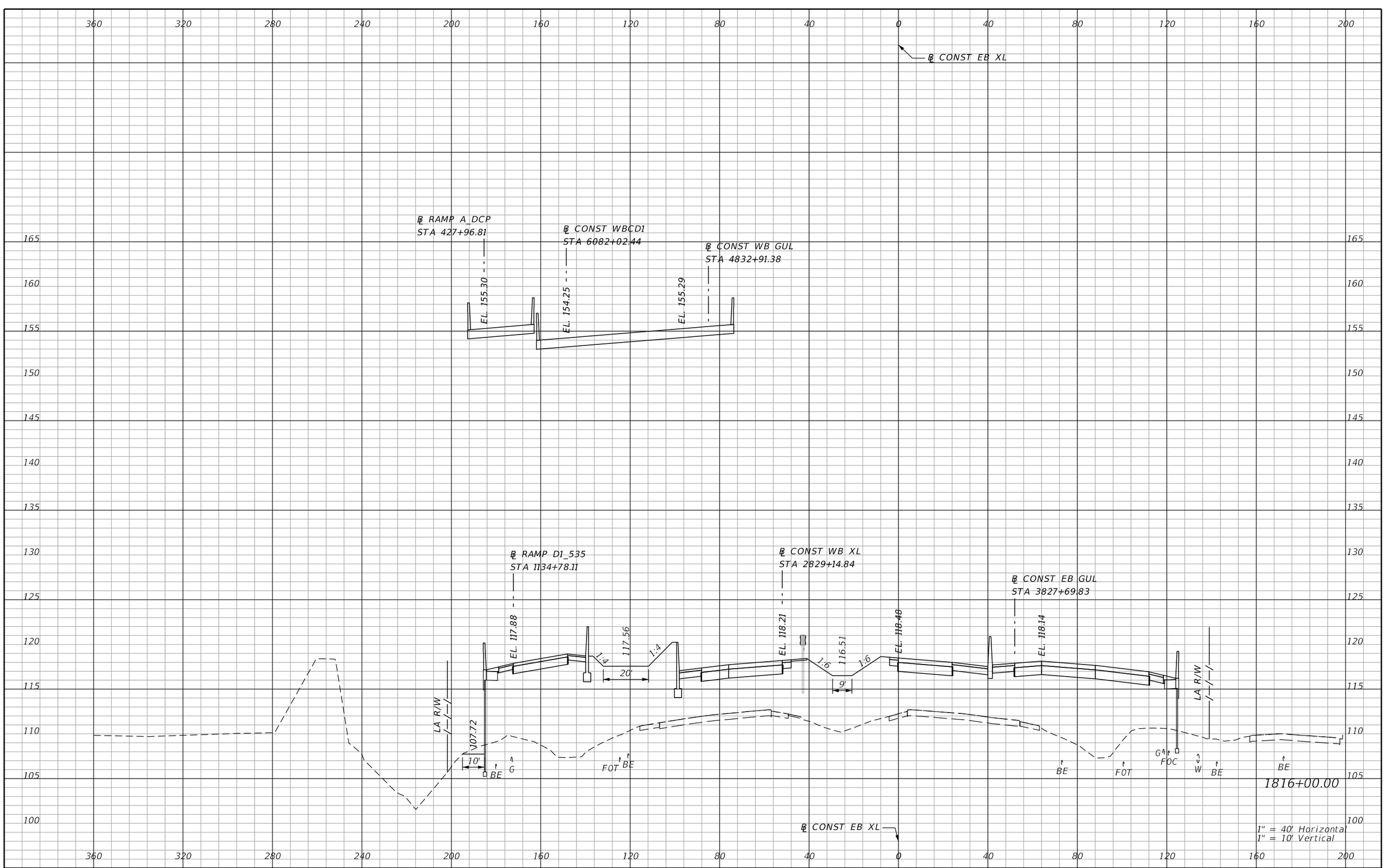
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 746

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 747

PRELIMINARY: NOT FOR CONSTRUCTION

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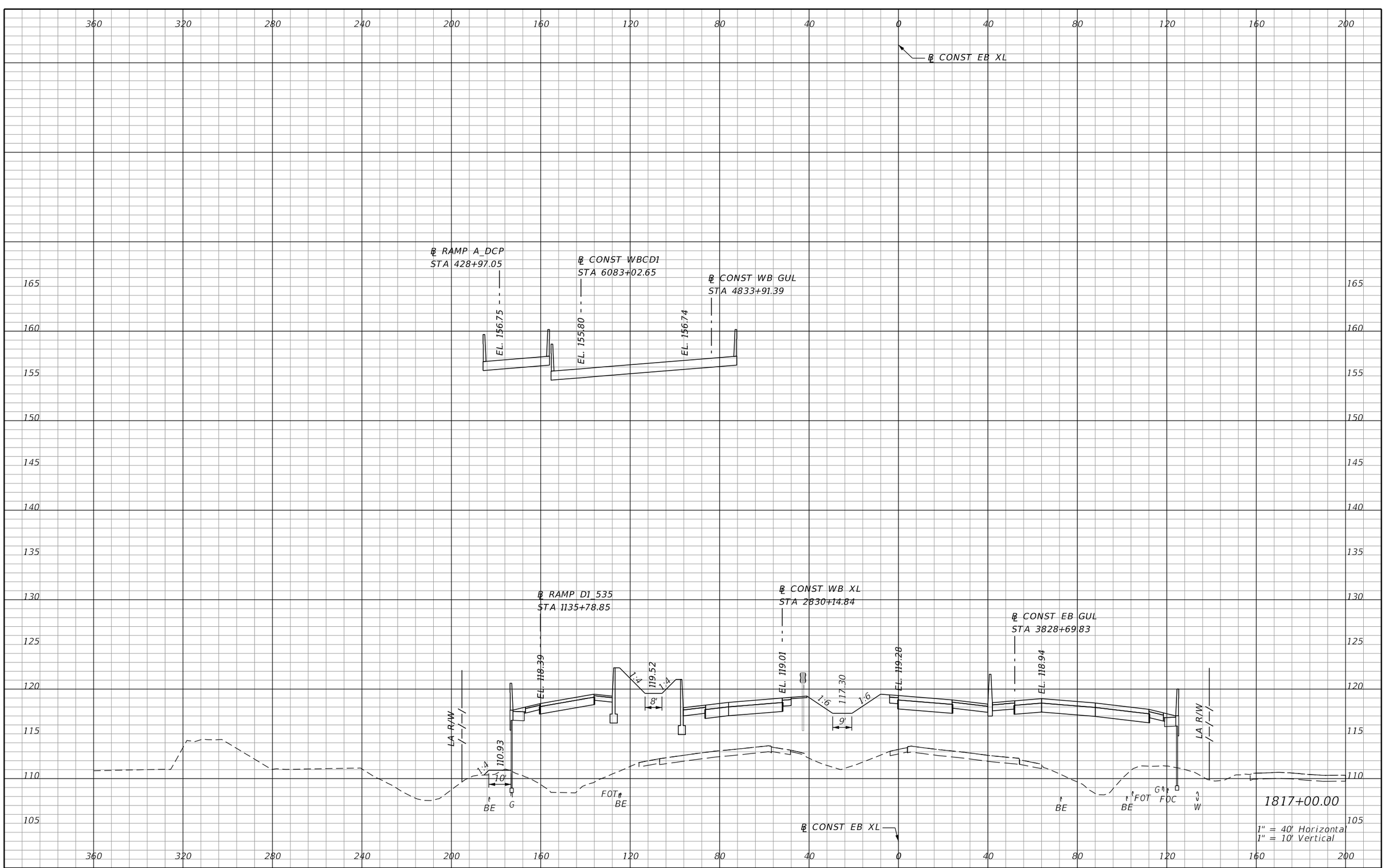

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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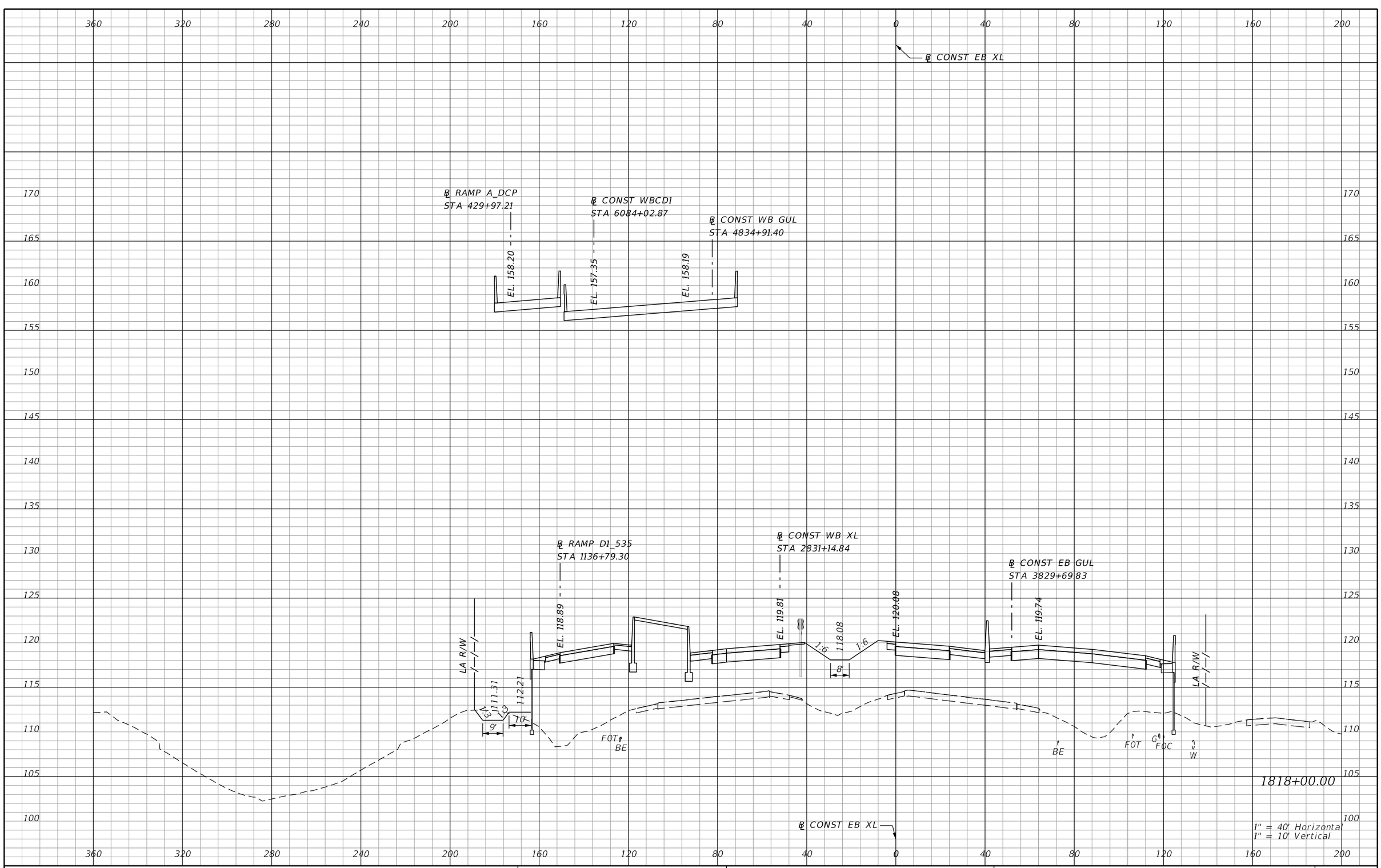
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 748

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 749

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ CONST EB XL

℄ RAMP A_DCP
STA 430+97.32

EL. 159.66

℄ CONST WB GUL
STA 4835+91.40

EL. 159.64

℄ CONST WB XL

℄ RAMP D1_535
STA 1137+79.53

EL. 119.39

℄ CONST WB XL
STA 2832+14.84

EL. 120.61

1:6

118.87

8'

1:6

EL. 120.88

℄ CONST EB GUL
STA 3830+69.83

EL. 120.54

LA R/W

111.84

113.69

1:3

1:3

7'

10'

FOT

BE

2

6

1

1

BE

FOT

G

FOC

W

LA R/W

R/W LINE

WNP

℄ CONST EB XL

1819+00.00

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
750

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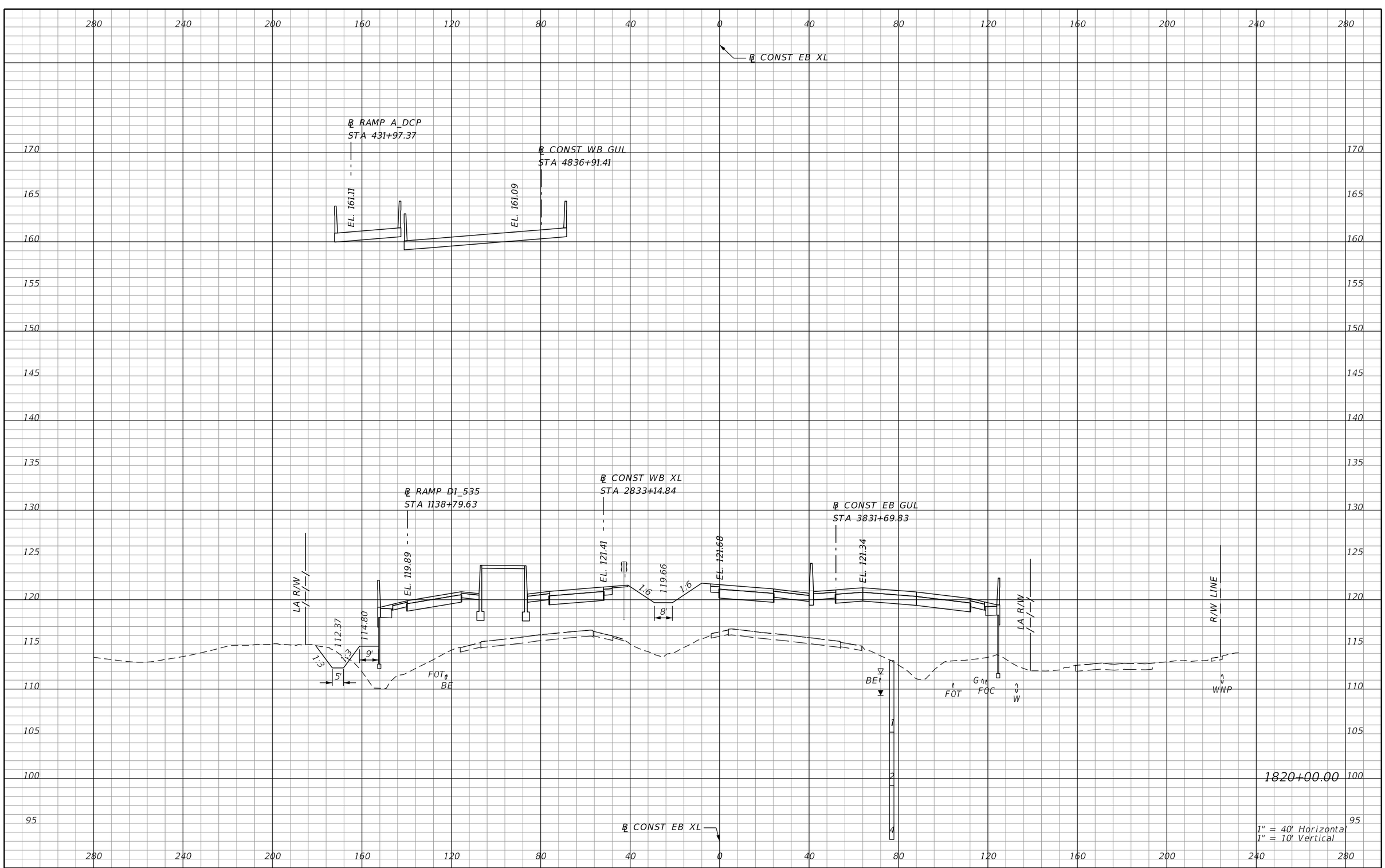

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 751

PRELIMINARY: NOT FOR CONSTRUCTION

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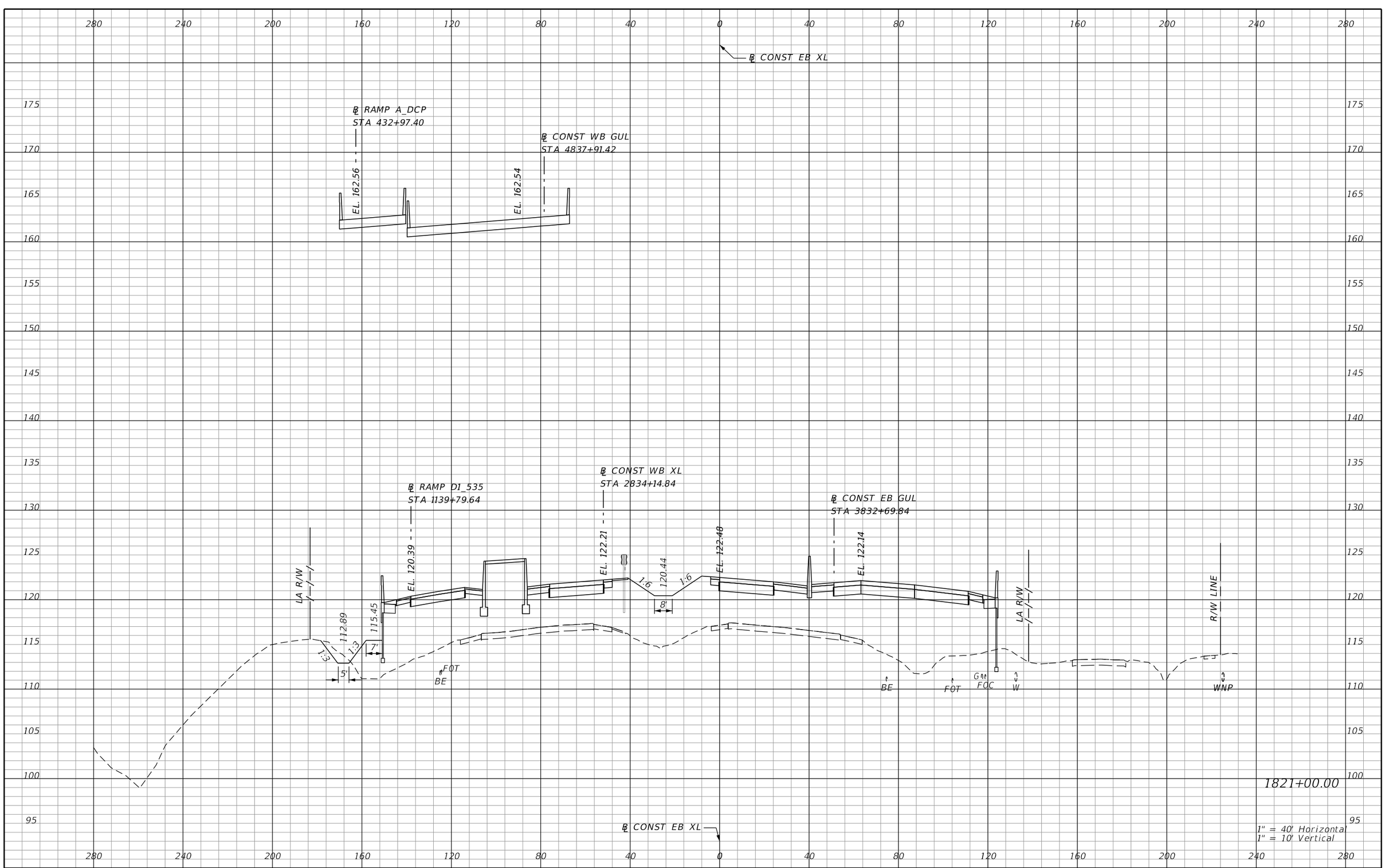

REVISIONS			
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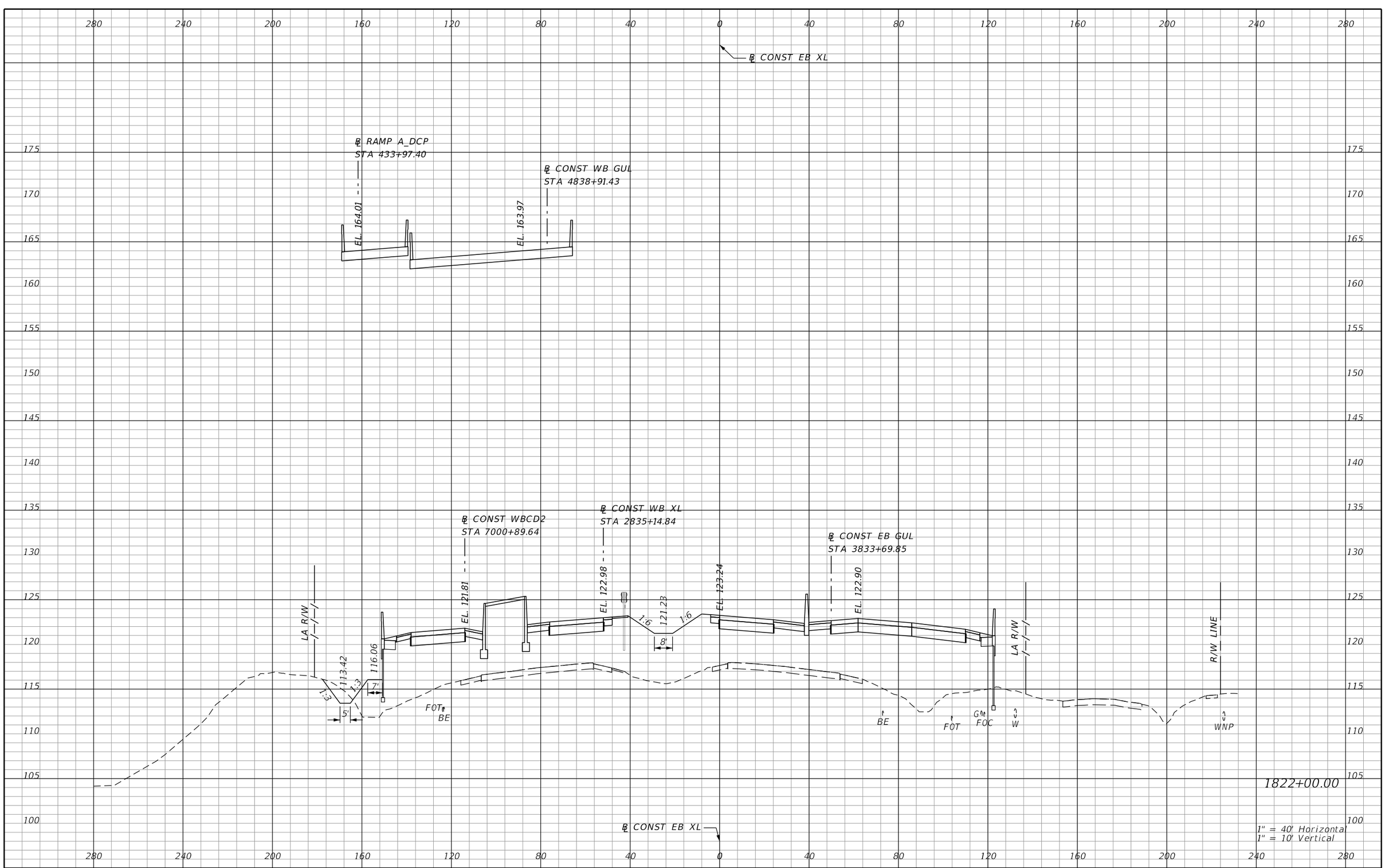
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 752

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 753

PRELIMINARY: NOT FOR CONSTRUCTION

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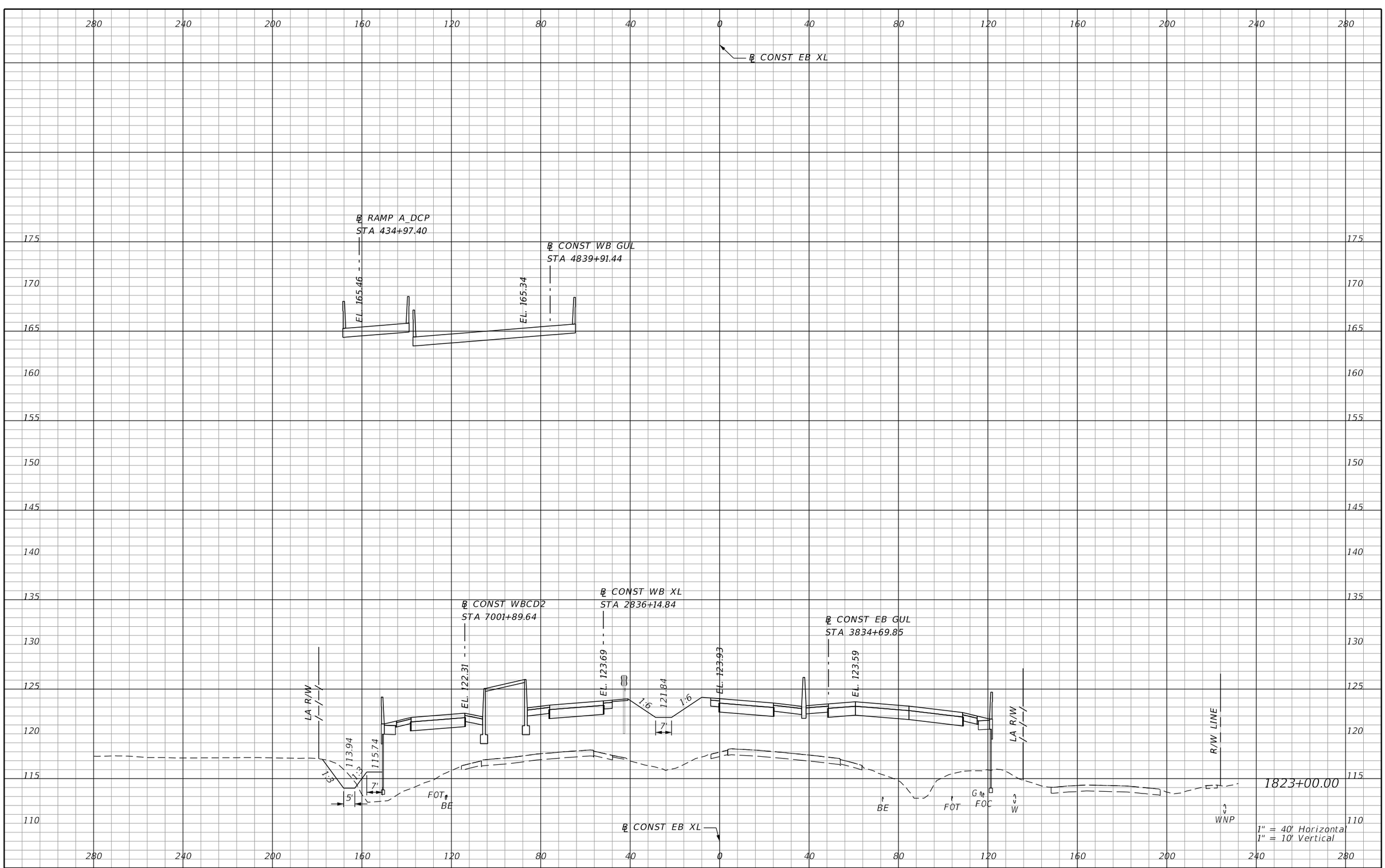

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 754

PRELIMINARY: NOT FOR CONSTRUCTION

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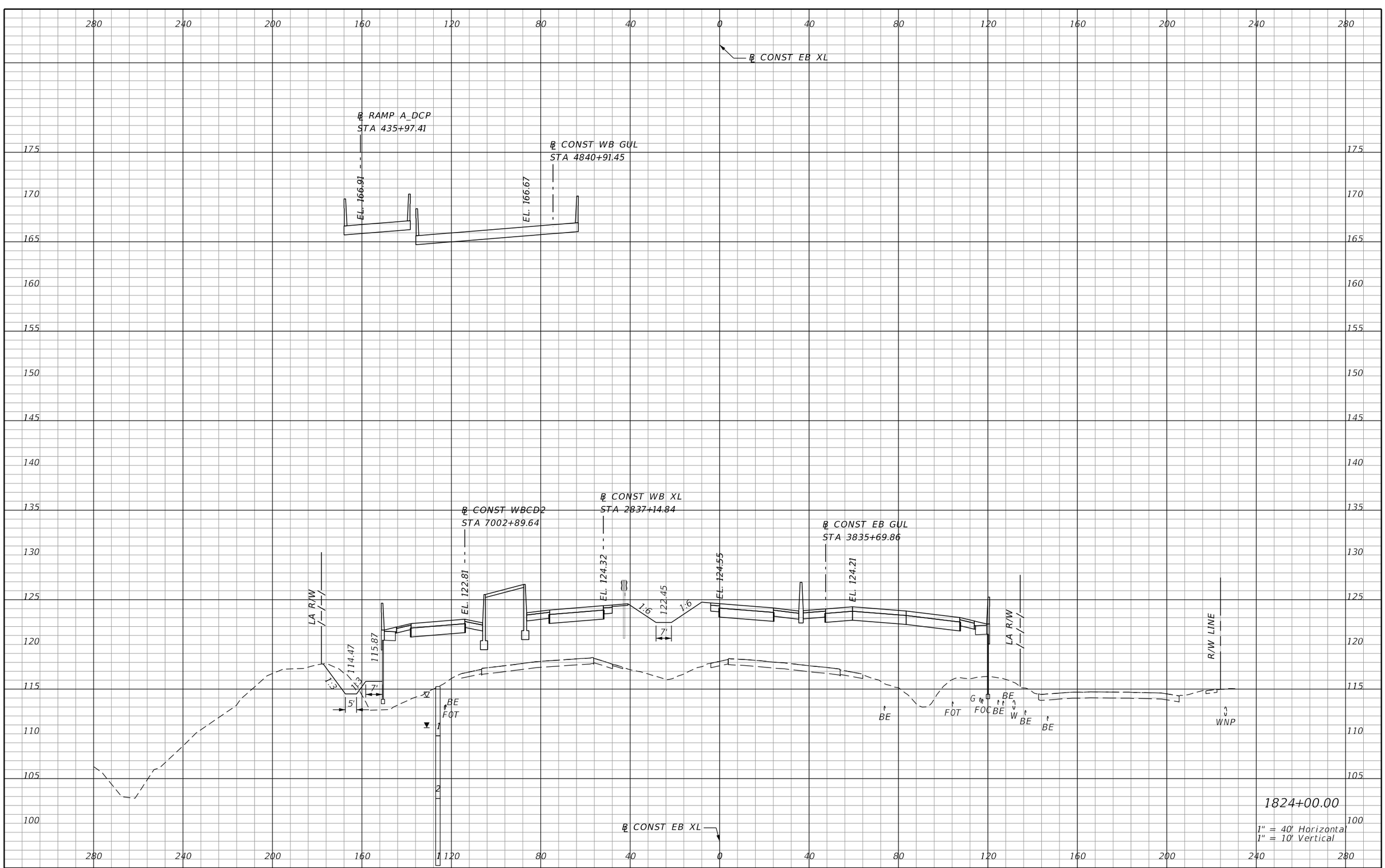


REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

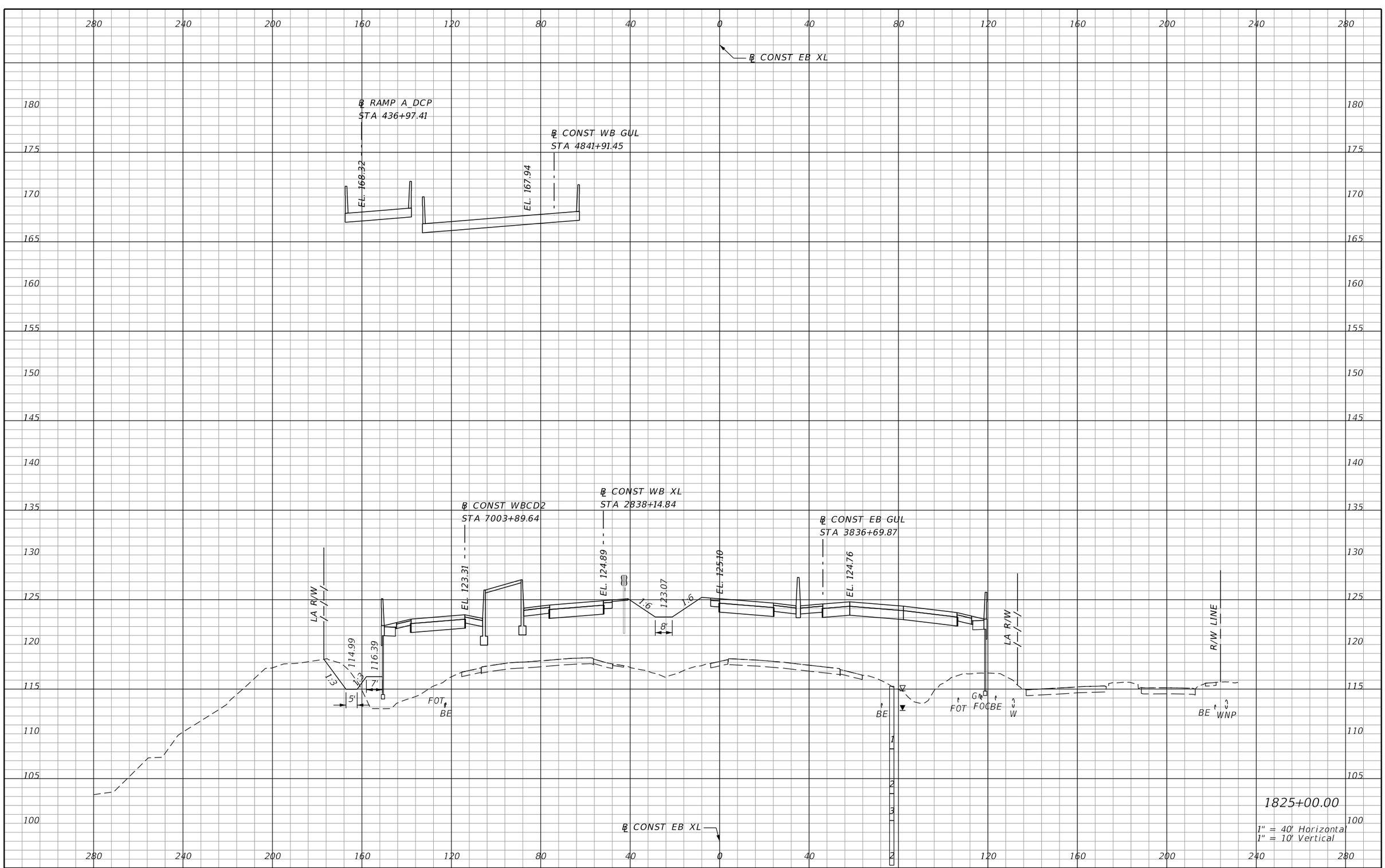
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 755

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 756

PRELIMINARY: NOT FOR CONSTRUCTION

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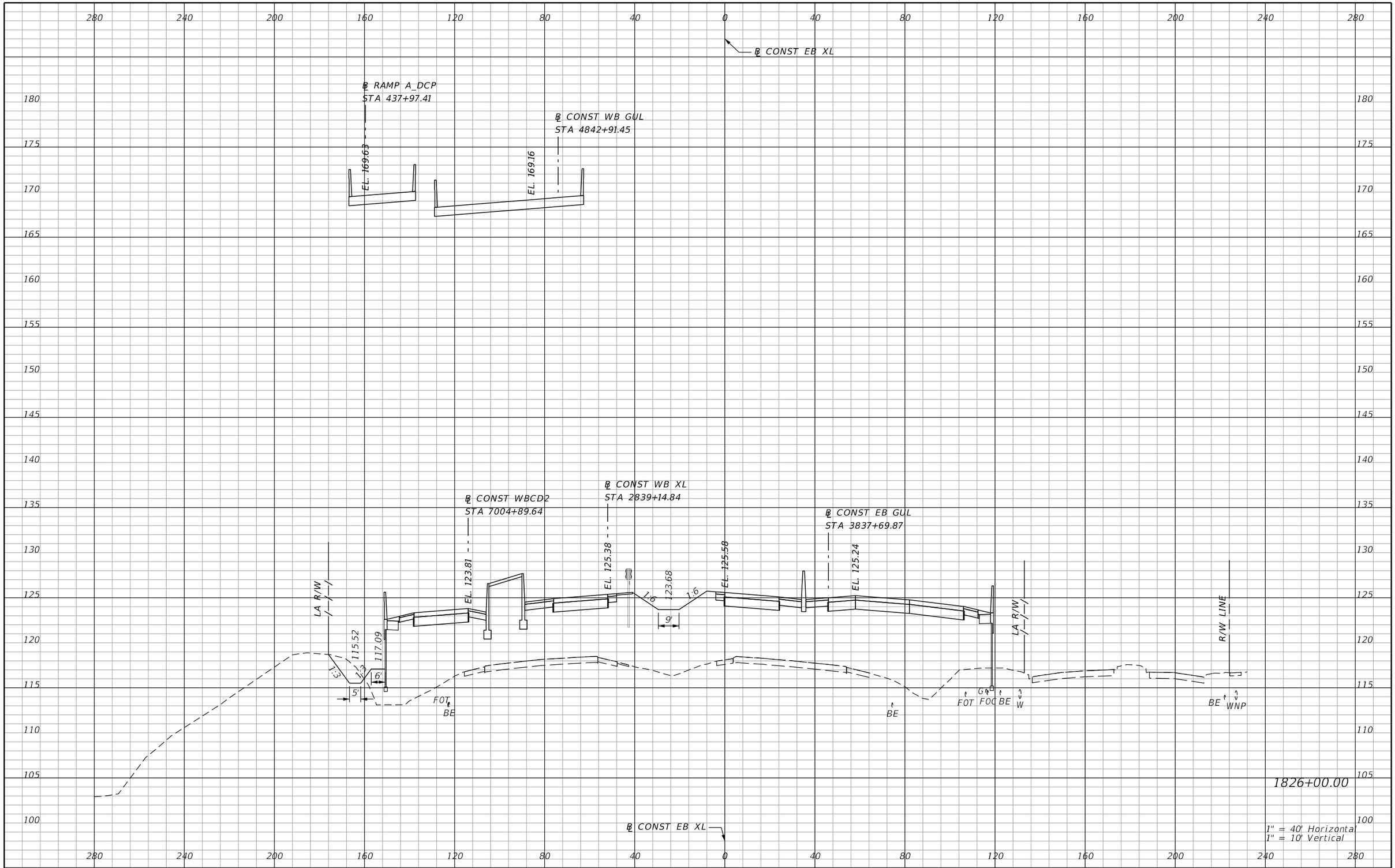

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 757

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ CONST EB XL

℄ RAMP A_DCP
STA 438+97.41

℄ CONST WB GUL
STA 4843+91.45

EL. 170.83

EL. 170.32

℄ CONST WBCD2
STA 7005+89.64

℄ CONST WB XL
STA 2840+14.84

℄ CONST EB GUL
STA 3838+69.87

EL. 124.23

EL. 125.79

EL. 124.98

EL. 125.64

124.29

1:6

1:6

12'

LA R/W

116.04

117.33

1:3

1:3

7'

5'

FOT

BE

FOT

FOC

BE

W

BE

LA R/W

R/W LINE

BE

WNP

1827+00.00

℄ CONST EB XL

1" = 40' Horizontal
1" = 10' Vertical

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

180 175 170 165 160 155 150 145 140 135 130 125 120 115 110 105

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 758

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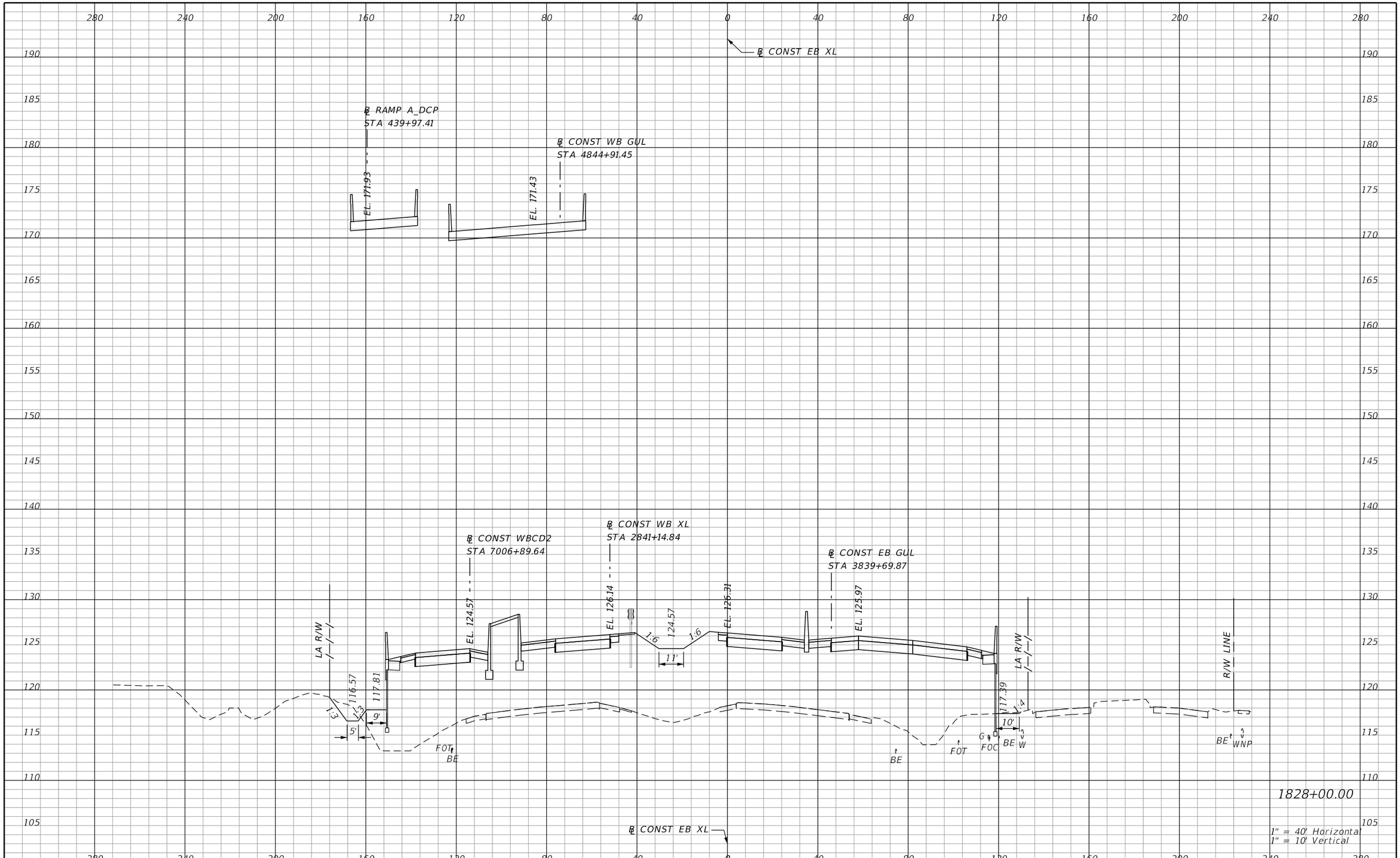

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
759

℄ RAMP A_DCP
STA 440+97.41

℄ CONST WB GUL
STA 4845+91.45

℄ CONST EB XL

EL. 172.92

EL. 172.49

℄ CONST WBCD2
STA 7007+89.64

℄ CONST WB XL
STA 2842+14.84

℄ CONST EB GUL
STA 3840+69.87

EL. 124.83

EL. 126.41

EL. 126.57

EL. 126.23

LA R/W

R/W LINE

117.09

118.13

117.33

124.85

1:6

1:3

1:4

5'

9'

11'

10'

BE

FOT

FOC

W

WNP

1829+00.00

1" = 40' Horizontal
1" = 10' Vertical

℄ CONST EB XL

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 760

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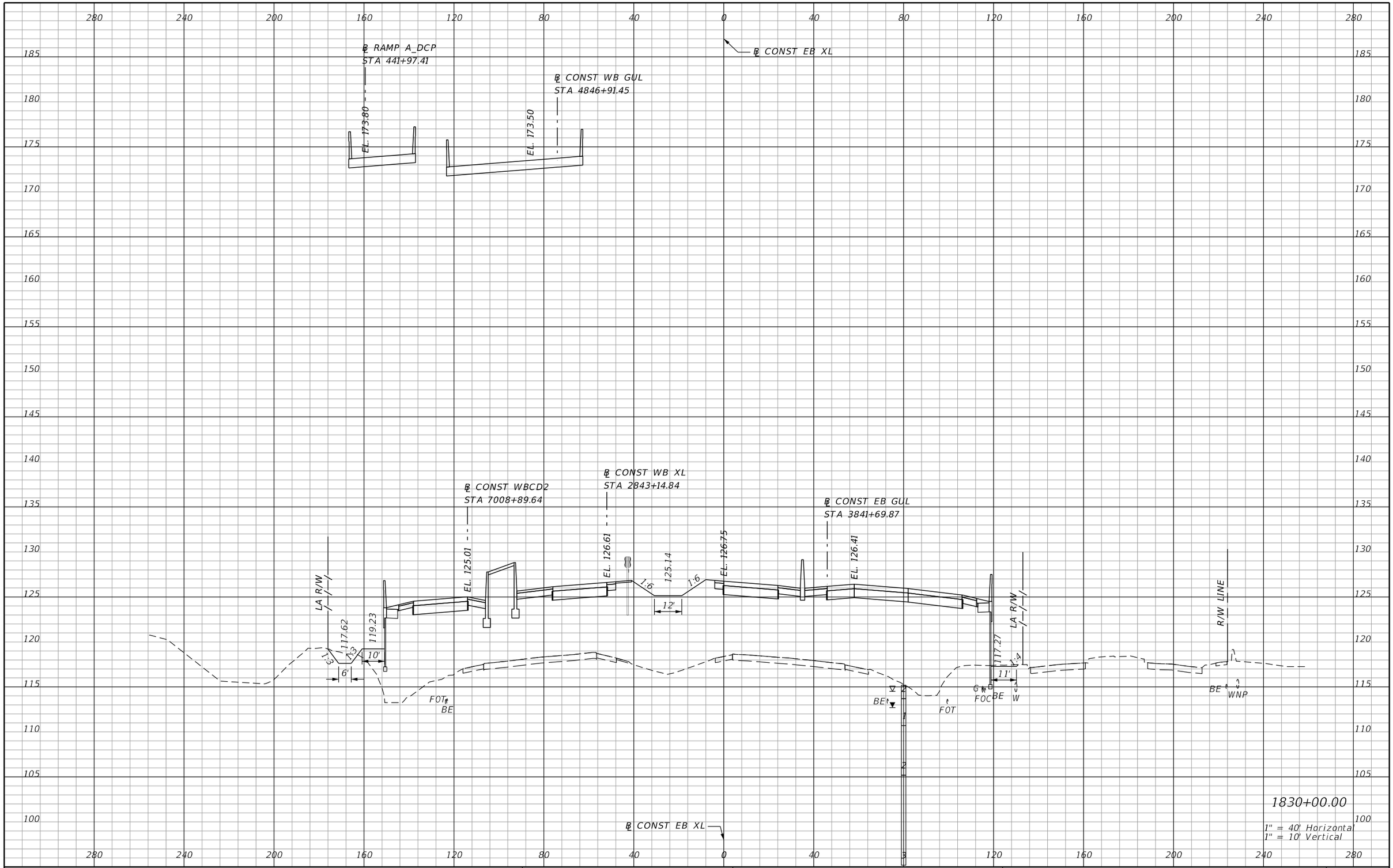

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 761

PRELIMINARY: NOT FOR CONSTRUCTION

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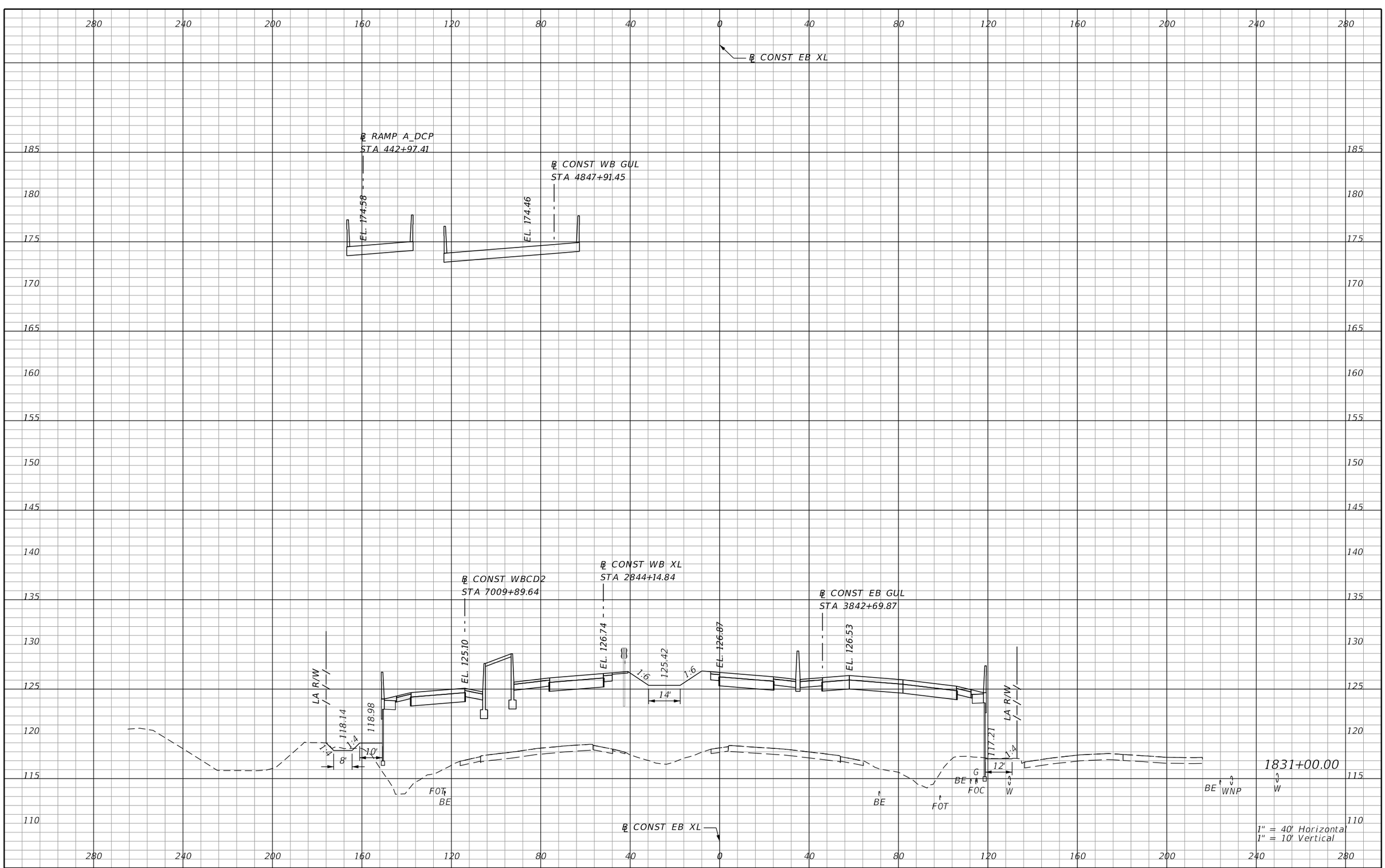

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 762

PRELIMINARY: NOT FOR CONSTRUCTION

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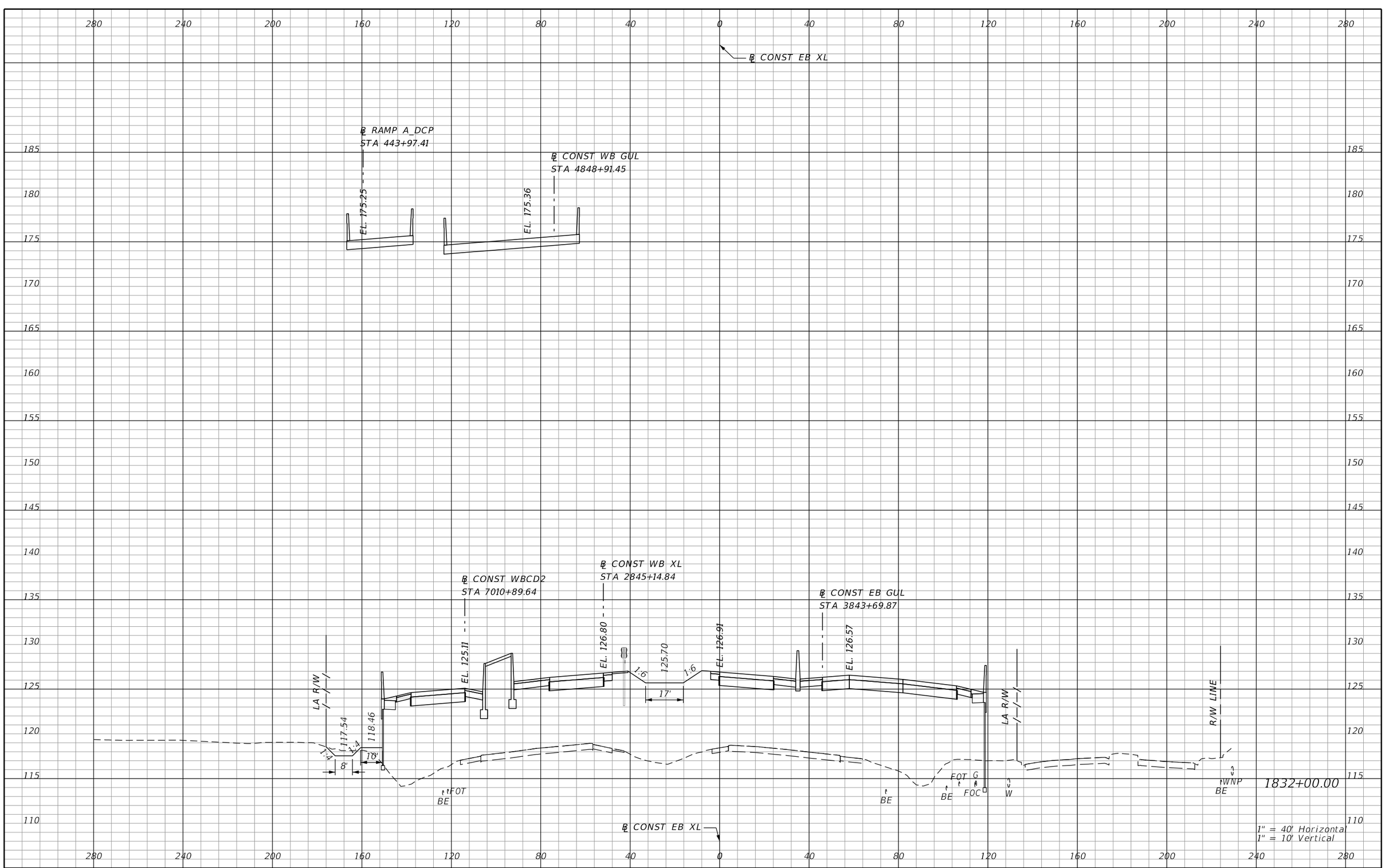

PRELIMINARY: NOT FOR CONSTRUCTION

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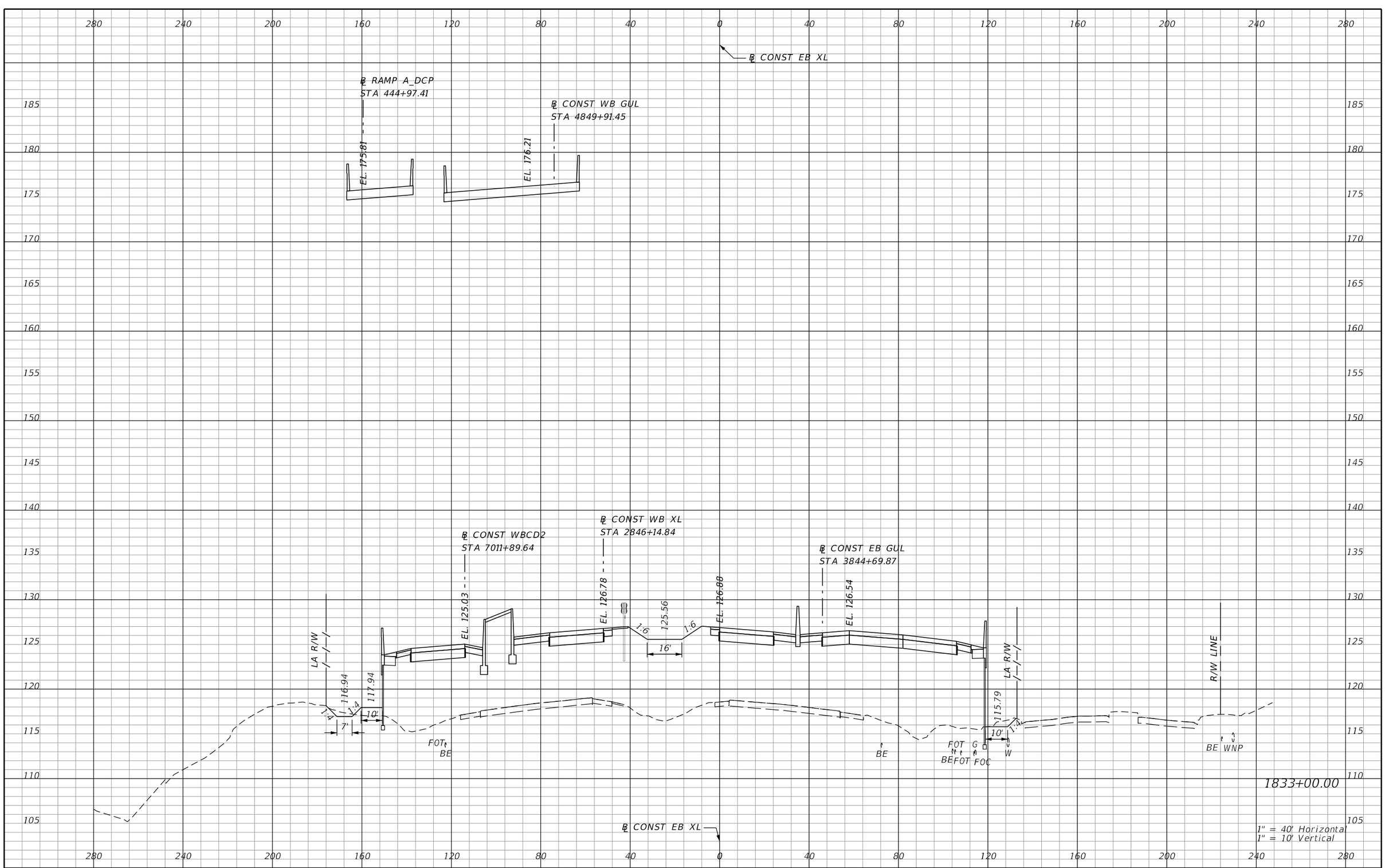
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 763



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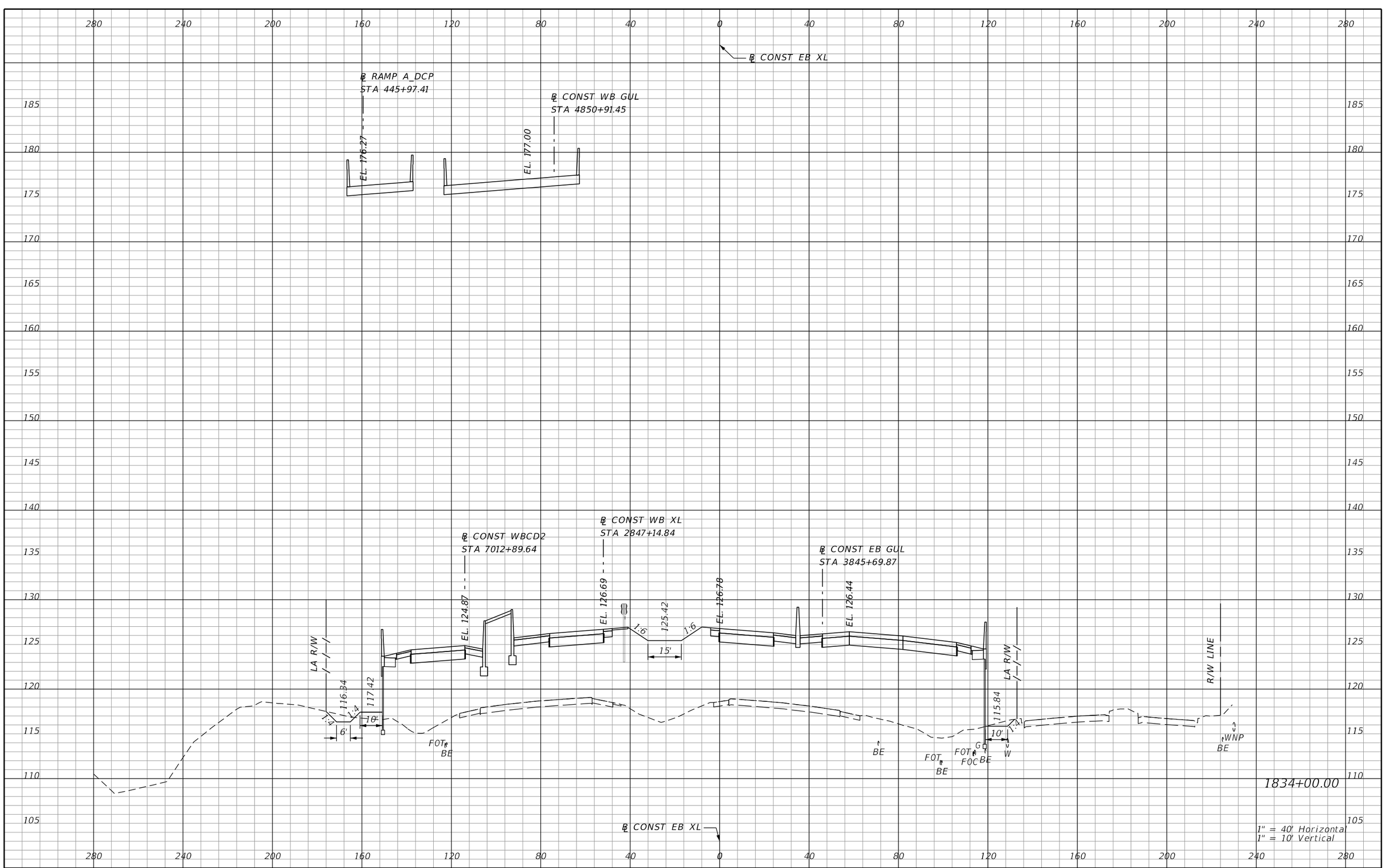
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 764

PRELIMINARY: NOT FOR CONSTRUCTION



1" = 40' Horizontal
1" = 10' Vertical

REVISIONS			
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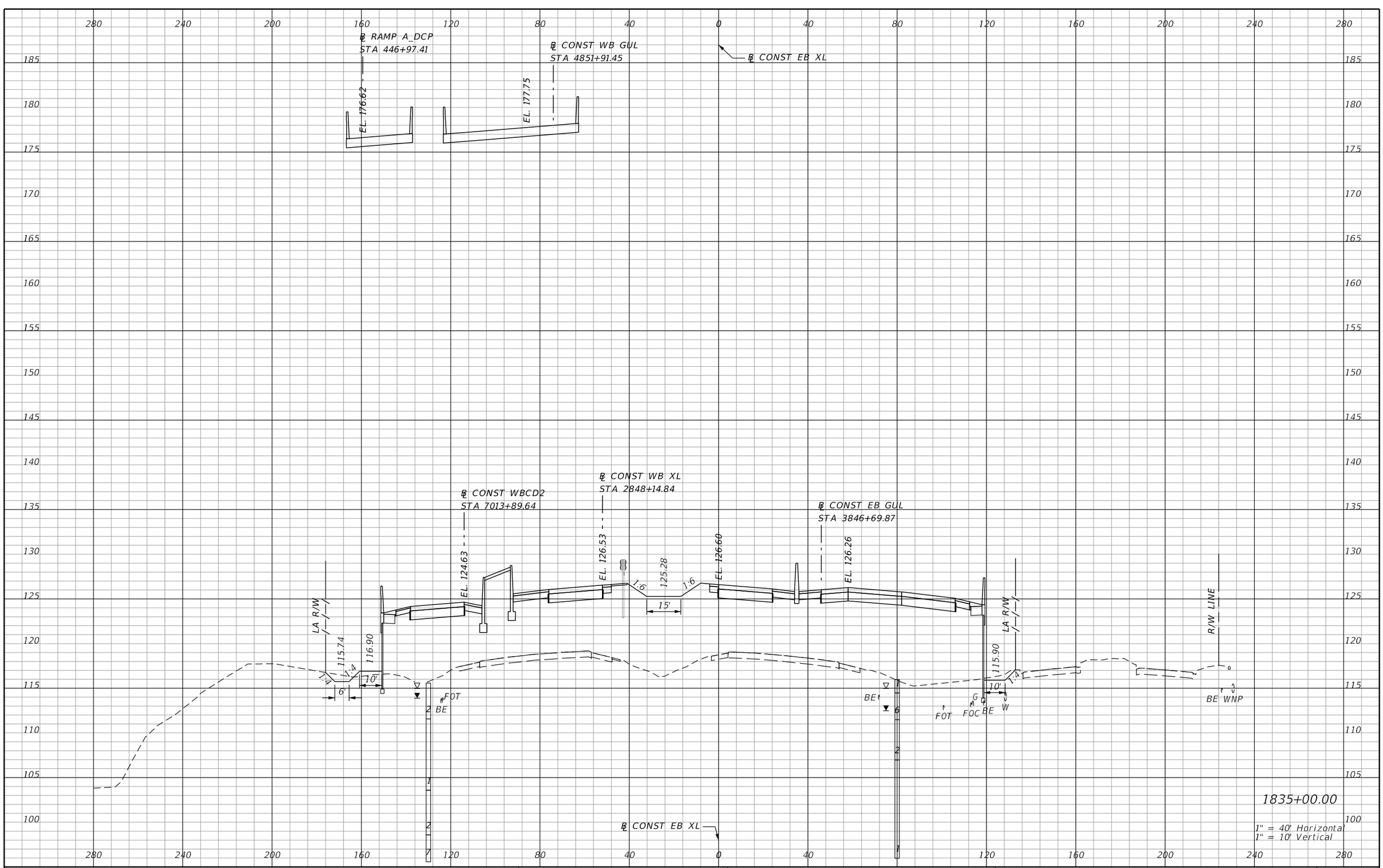
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 765

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 766

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ CONST EB XL

℄ RAMP A_DCP
STA 447+97.41

℄ CONST WB GUL
STA 4852+91.45

EL. 176.87

EL. 178.44

℄ CONST WBCD2
STA 7014+89.64

℄ CONST WB XL
STA 2849+14.84

℄ CONST EB GUL
STA 3847+69.87

EL. 124.31

EL. 126.30

EL. 126.35

EL. 126.01

124.84

1.6

1.6

13'

LA R/W

115.14

116.39

115.96

1:4

1:4

1:4

10'

5'

10'

FOT

BE

BE

FOT

G

FOC

BE

W

R/W LINE

BE

WNP

1836+00.00

℄ CONST EB XL

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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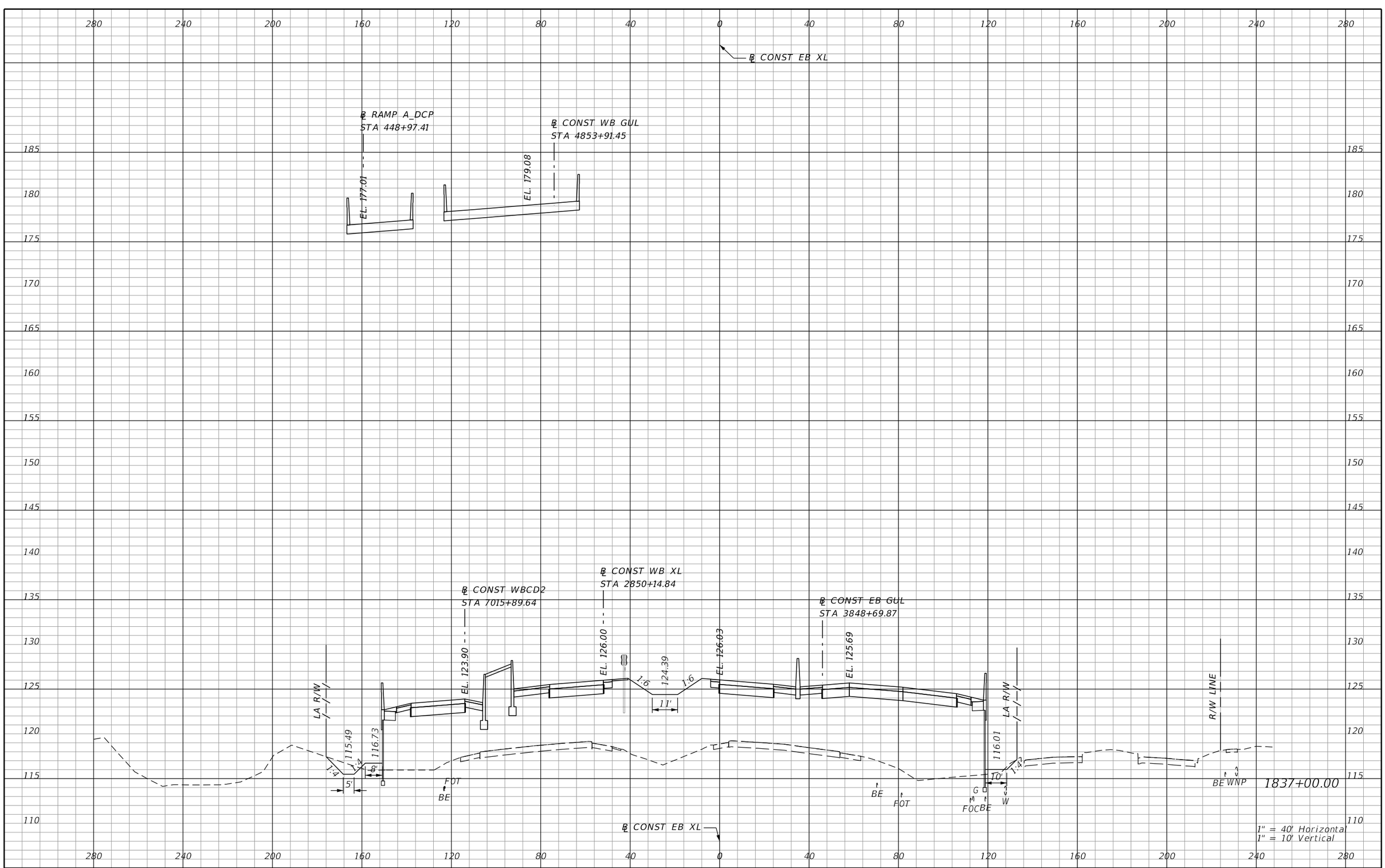
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 767



REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 768

PRELIMINARY: NOT FOR CONSTRUCTION

℄ RAMP A_DCP
STA 449+97.41

℄ CONST WB GUL
STA 4854+91.45

℄ CONST EB XL

EL. 177.04

EL. 179.67

℄ CONST WBCD2
STA 7016+89.64

℄ CONST WB XL
STA 2851+14.84

℄ CONST EB GUL
STA 3849+69.87

EL. 123.42

EL. 125.62

EL. 123.95

EL. 125.64

EL. 125.80

LA R/W

R/W LINE

115.83

117.08

116.07

1:4

1:6

5'

11'

10'

FOT
BE

BE FOT

G
FOC BE W

BE WNP

1838+00.00

℄ CONST EB XL

1" = 40' Horizontal
1" = 10' Vertical

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 769

PRELIMINARY: NOT FOR CONSTRUCTION

℄ RAMP A_DCP
STA 450+97.41

℄ CONST WB GUL
STA 4855+91.45

℄ CONST EB XL

EL. 176.97

EL. 180.20

℄ CONST WB XL
STA 2852+14.84

℄ CONST WBCD2
STA 7017+89.64

℄ CONST EB GUL
STA 3850+69.87

EL. 122.93

EL. 125.17

EL. 125.18

EL. 124.84

123.50

1.6

1.6

11'

LA R/W

LA R/W

R/W LINE

116.18

117.43

116.12

1.4

1.4

10'

5'

9'

FOT
BE

BE

FOT FOC BE W

BE WNP

℄ CONST EB XL

1839+00.00

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 770

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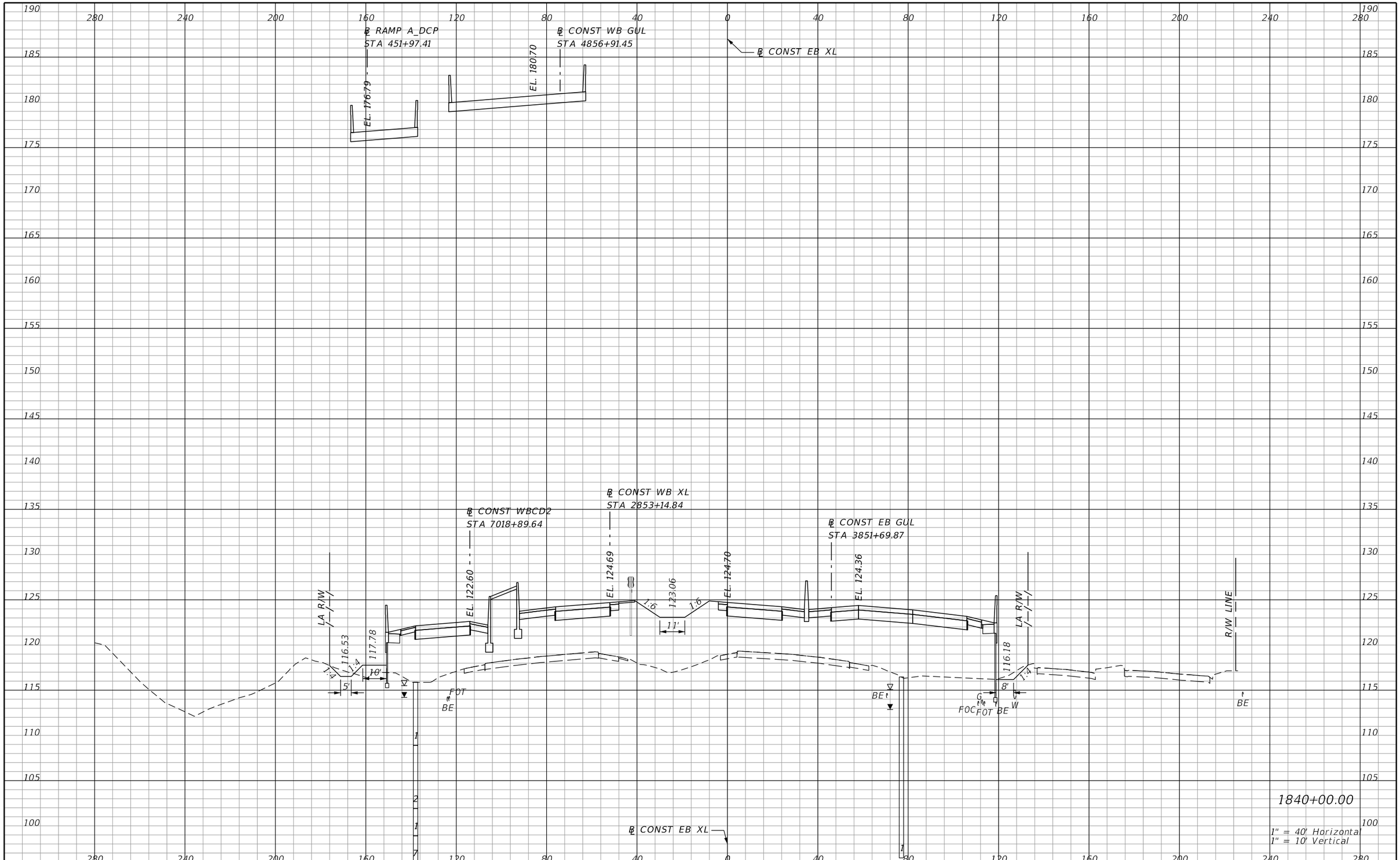

PRELIMINARY: NOT FOR CONSTRUCTION

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DATE	DESCRIPTION	DATE	DESCRIPTION

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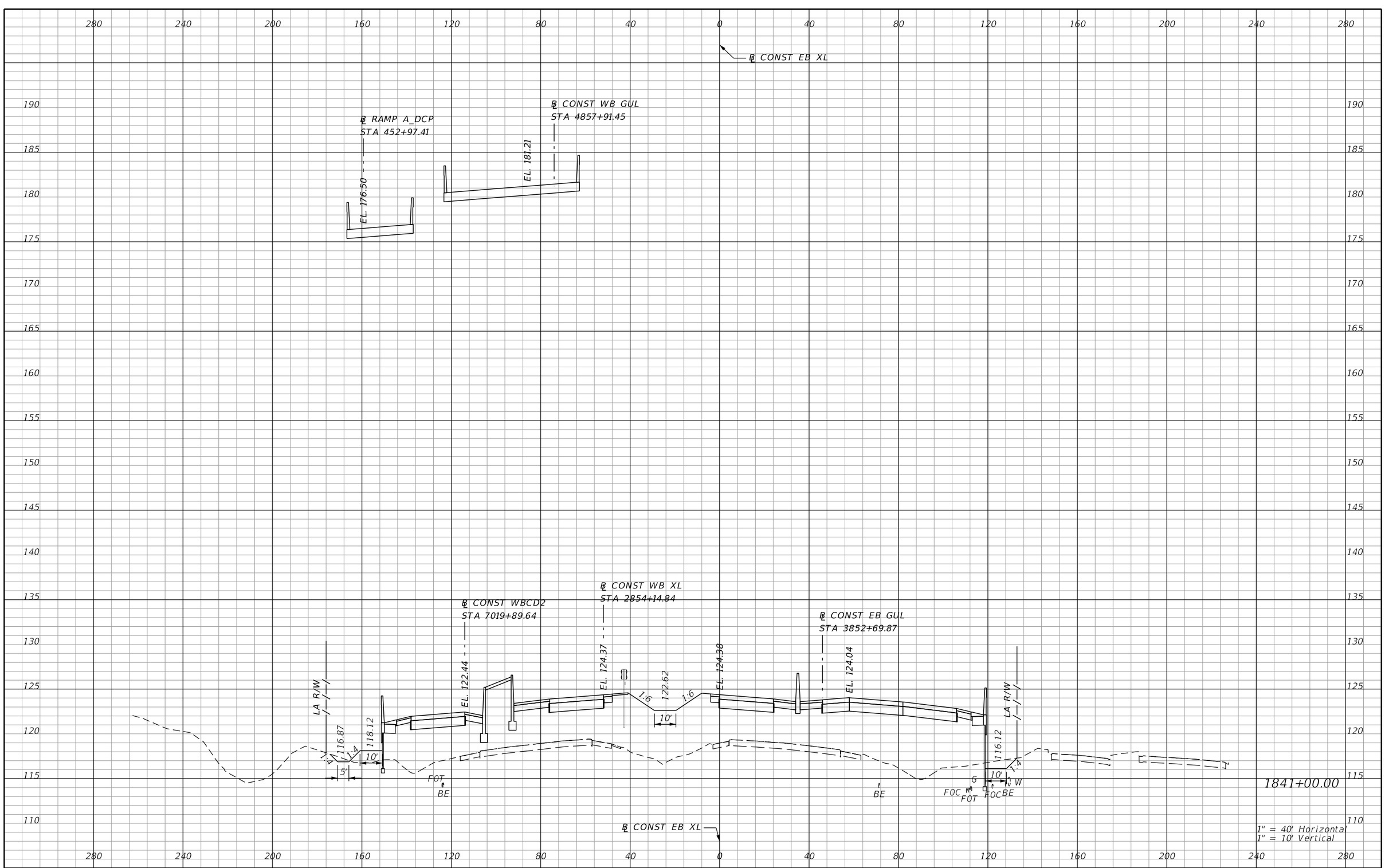
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
771



REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 772

PRELIMINARY: NOT FOR CONSTRUCTION

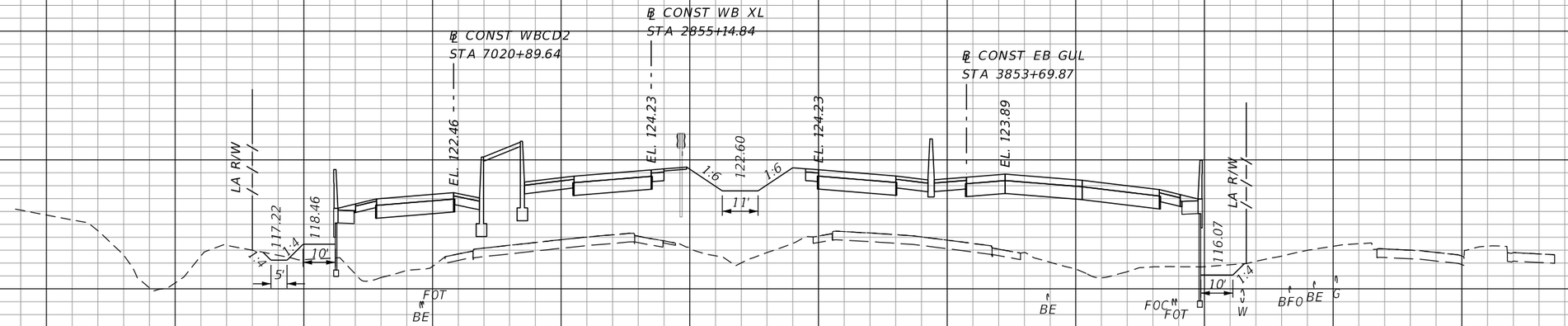
℄ CONST EB XL

℄ CONST WB GUL
STA 4858+91.45

℄ RAMP A_DCP
STA 453+97.41

EL. 181.71

EL. 176.11



1842+00.00

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

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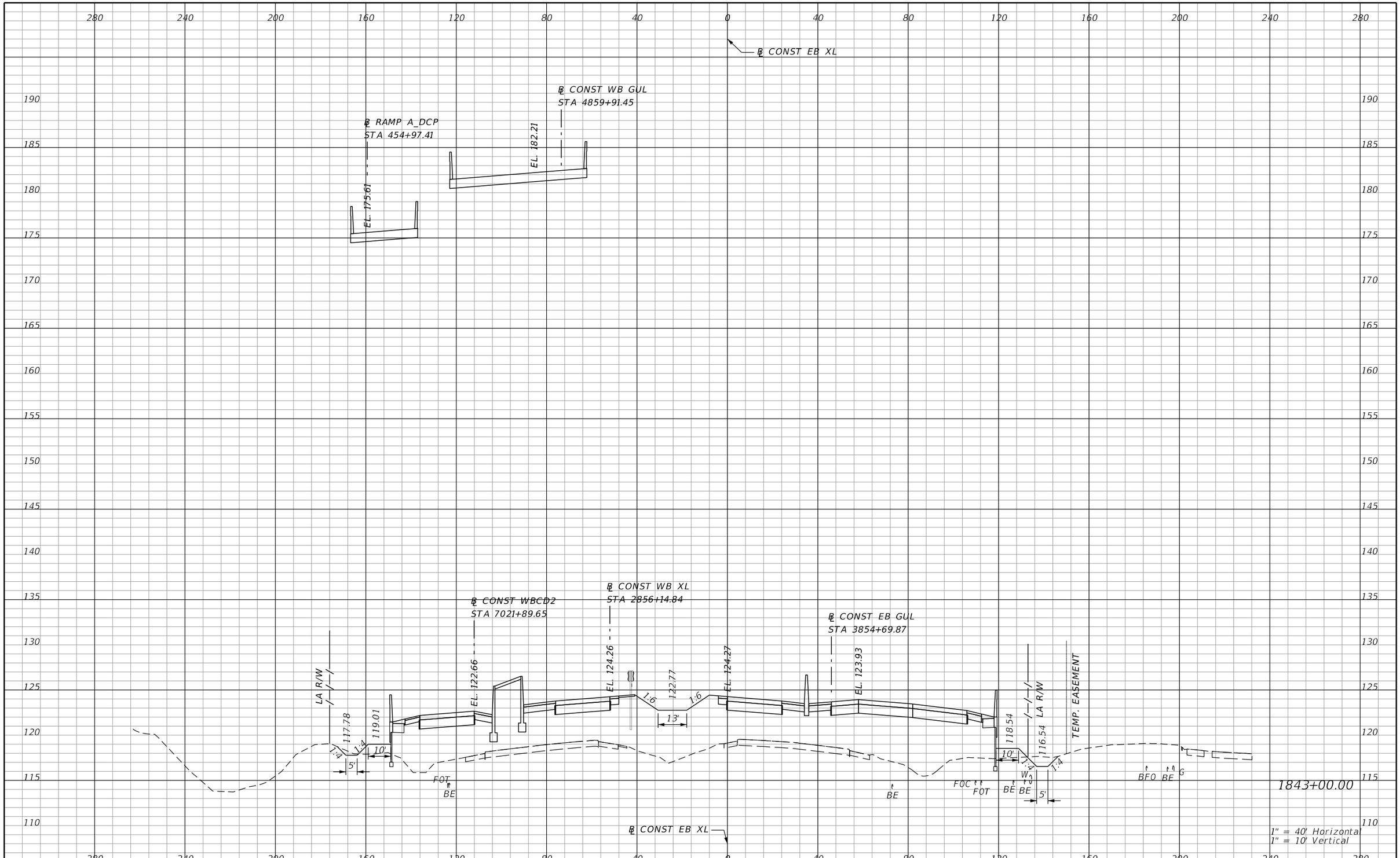
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 773



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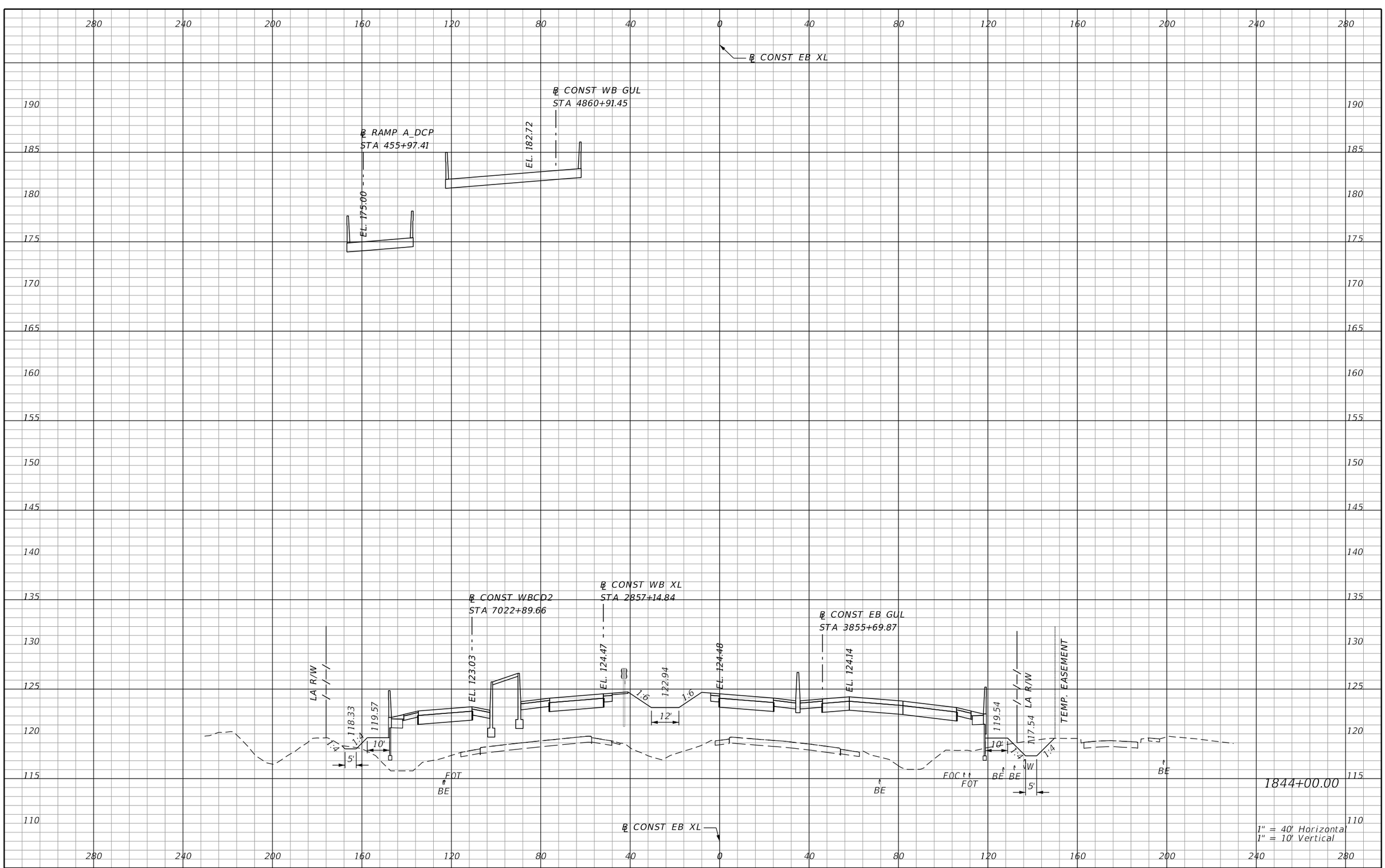
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
774



REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 775

PRELIMINARY: NOT FOR CONSTRUCTION

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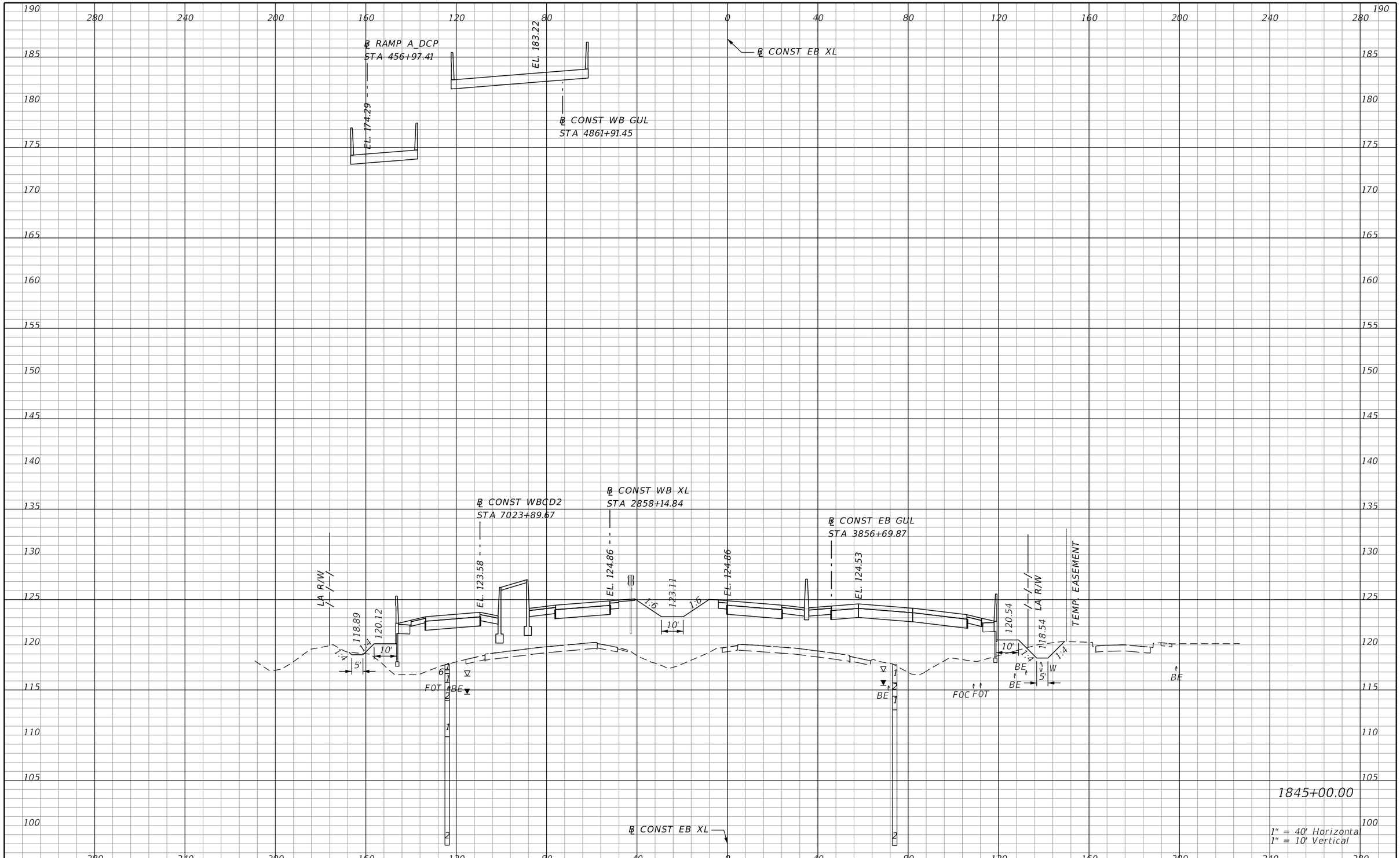

PRELIMINARY: NOT FOR CONSTRUCTION

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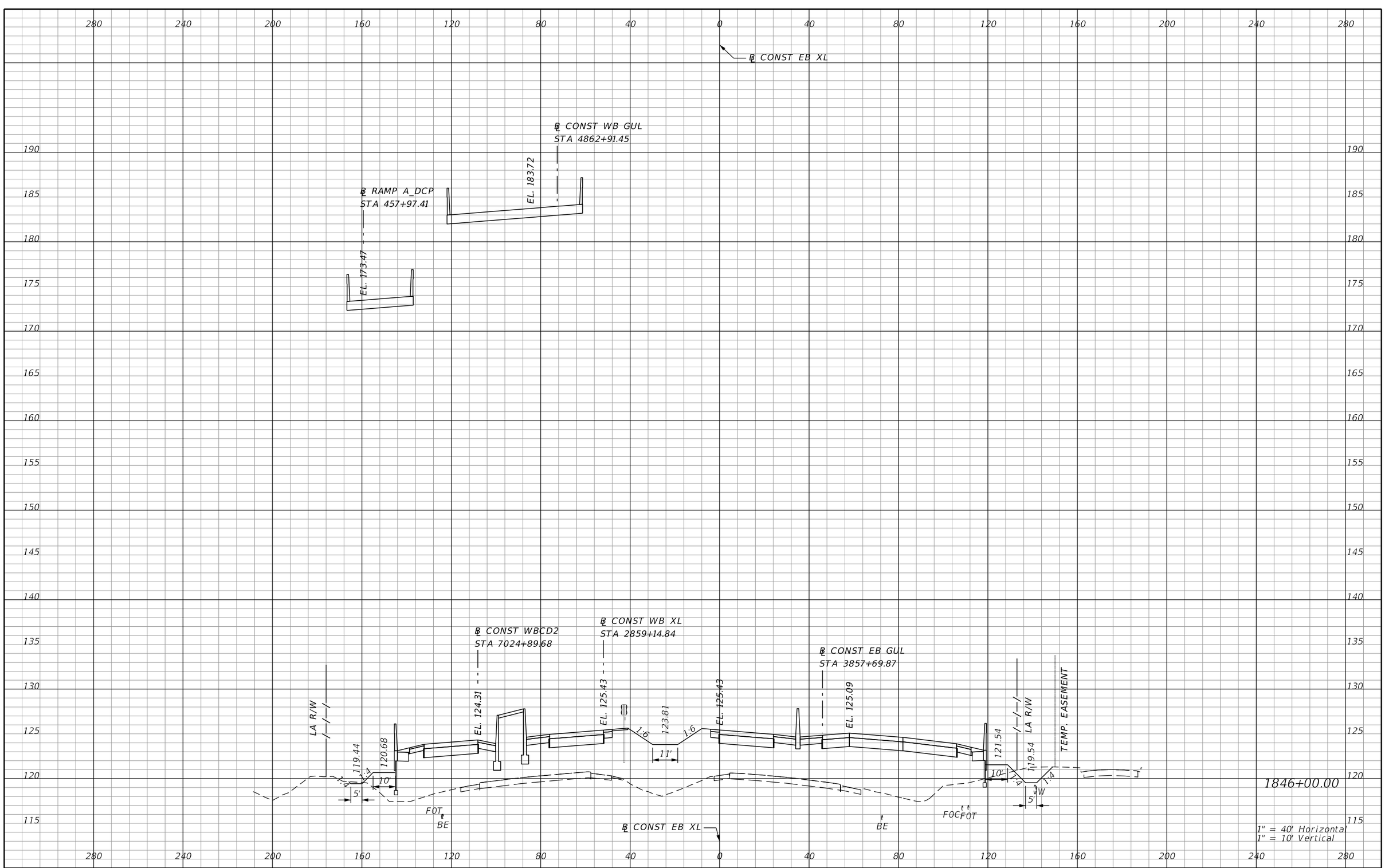
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
776



REVISIONS			
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AECOM TECHNICAL SERVICES, Inc.
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Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

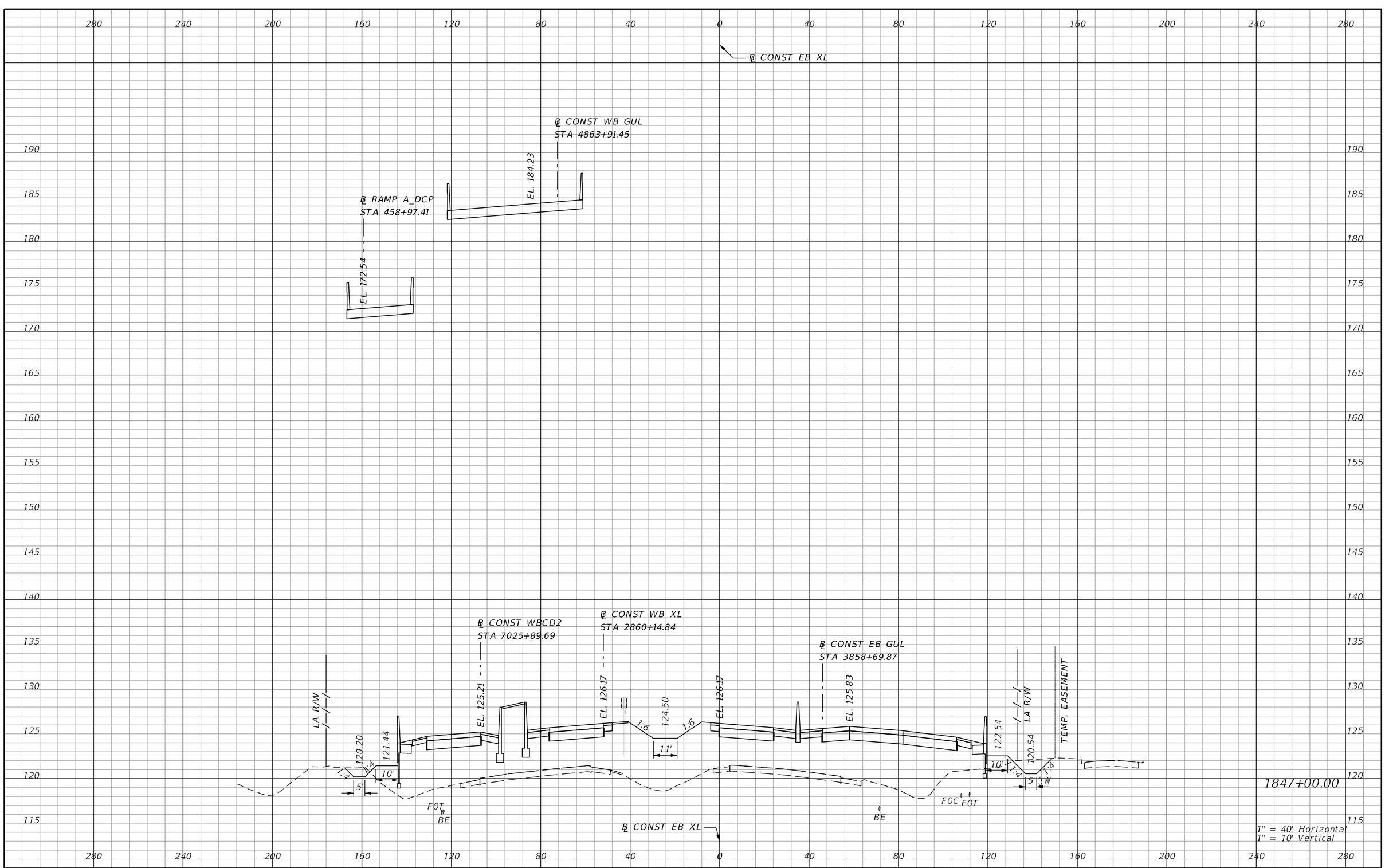
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 777

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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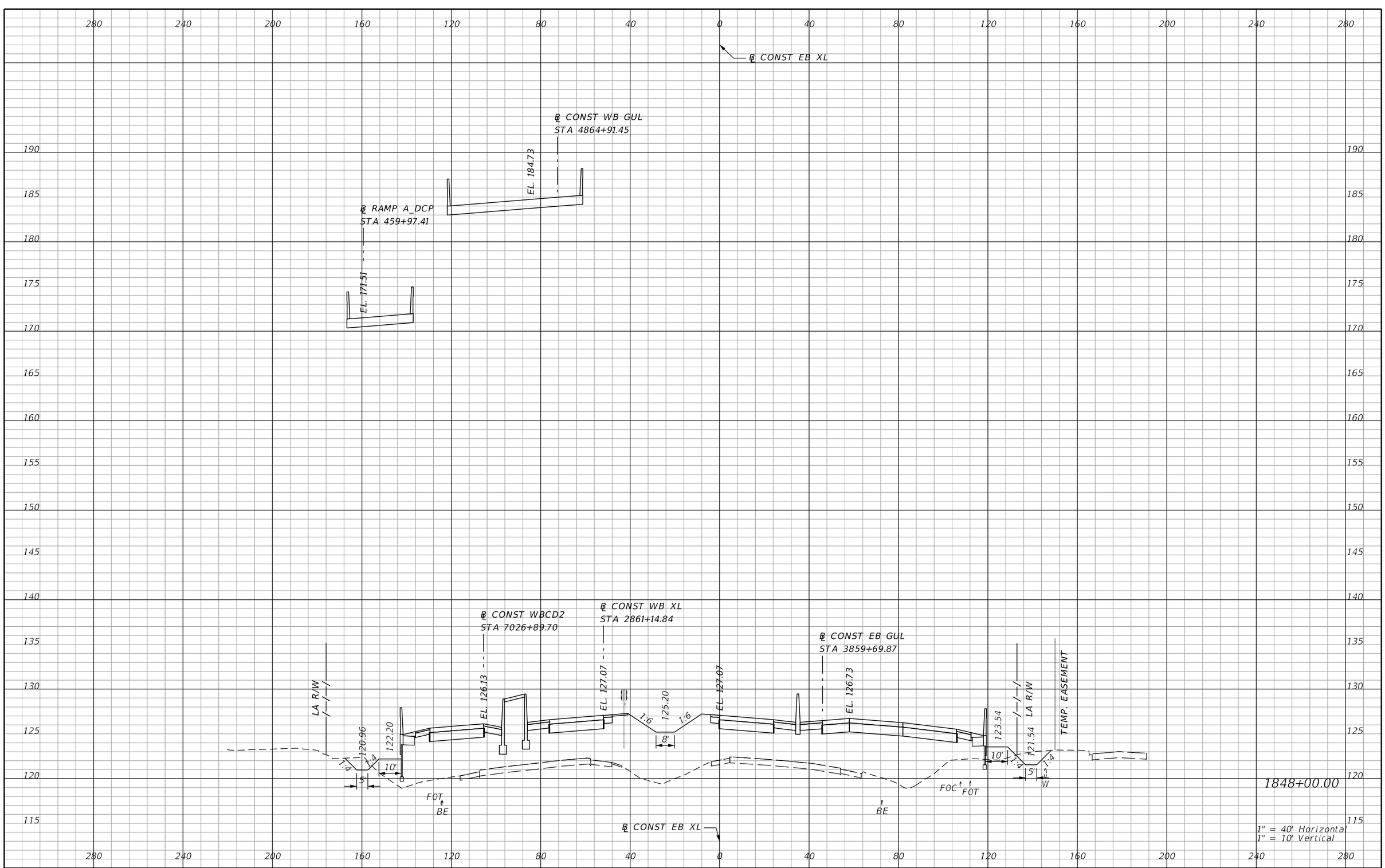
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 778

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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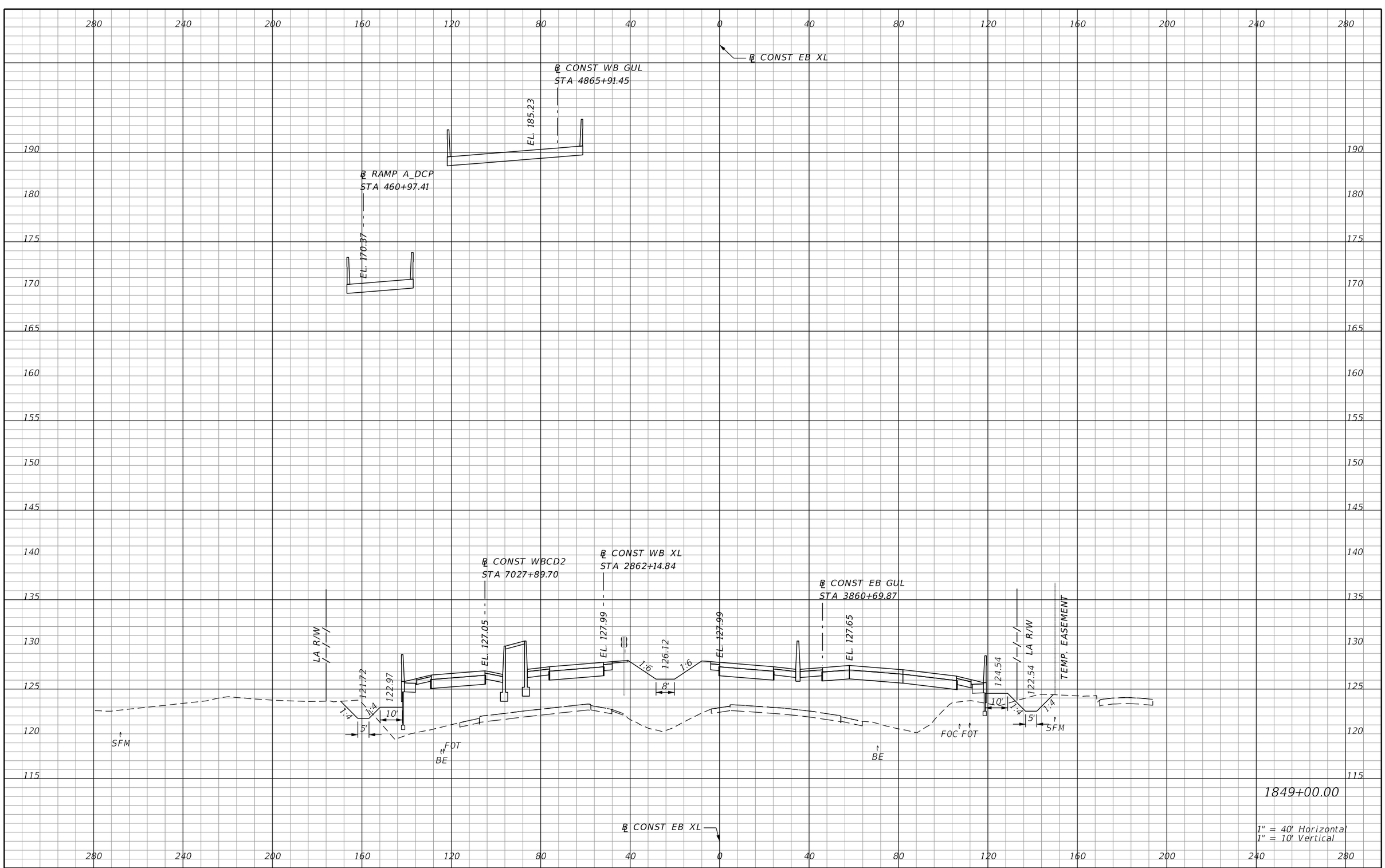
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 779

PRELIMINARY: NOT FOR CONSTRUCTION



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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 780

PRELIMINARY: NOT FOR CONSTRUCTION

℄ CONST WB GUL
STA 4866+91.45
EL. 185.72
℄ CONST EB XL
℄ RAMP A_DCP
STA 461+97.41
EL. 169.17
℄ CONST WBCD2
STA 7028+89.70
℄ CONST WB XL
STA 2863+14.84
EL. 127.97
EL. 128.91
127.04
1:6
1:6
8'
EL. 128.91
℄ CONST EB GUL
STA 3861+69.87
EL. 128.57
LA R/W
122.49
123.74
1:4
1:4
10'
5'
SFM
FOT
BE
125.54
123.54
LA R/W
TEMP. EASEMENT
10'
1:4
1:4
5'
SFM
FOC FOT
BE
℄ CONST EB XL
1850+00.00
1" = 40' Horizontal
1" = 10' Vertical

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 781

PRELIMINARY: NOT FOR CONSTRUCTION

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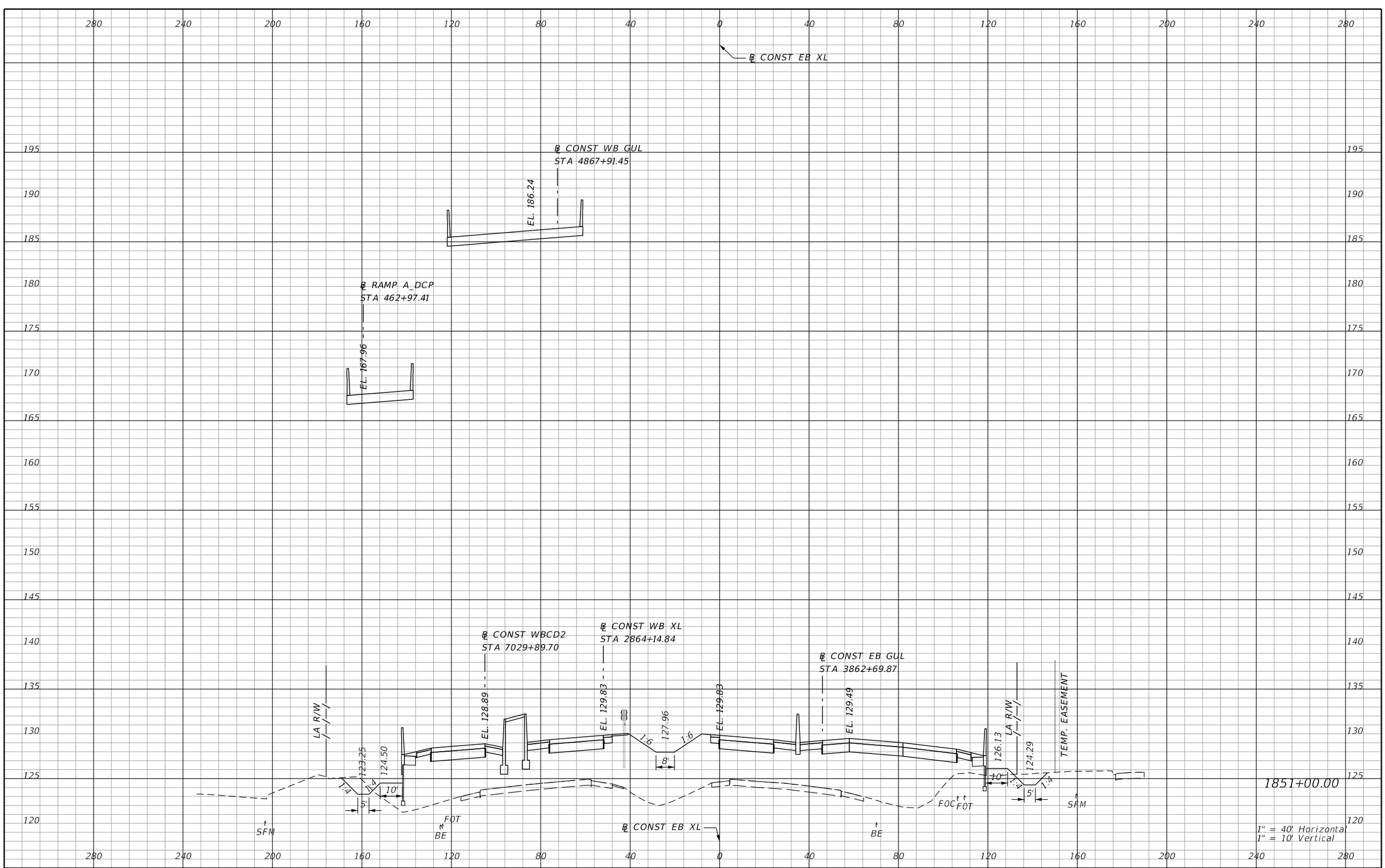

REVISIONS			
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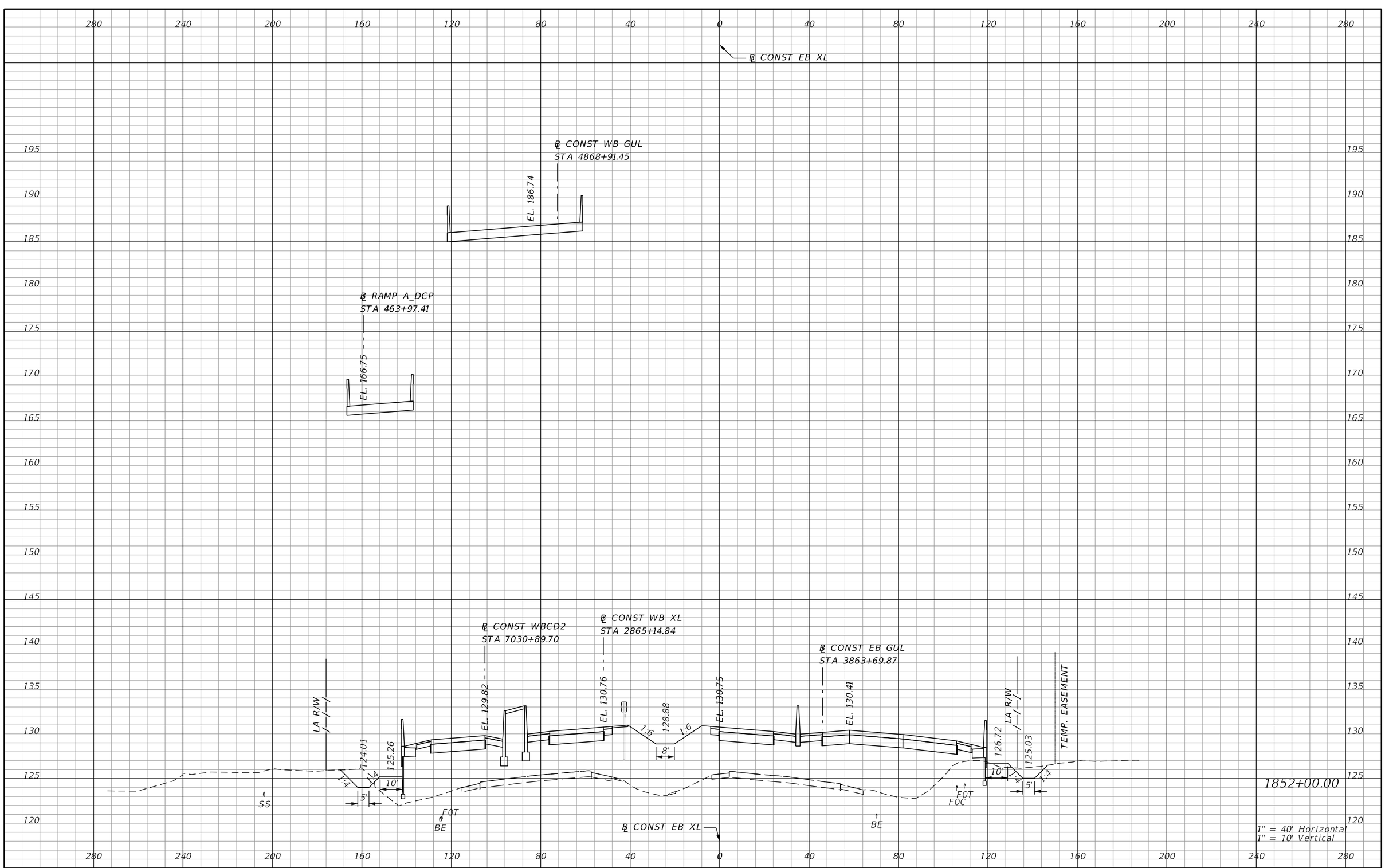
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 782

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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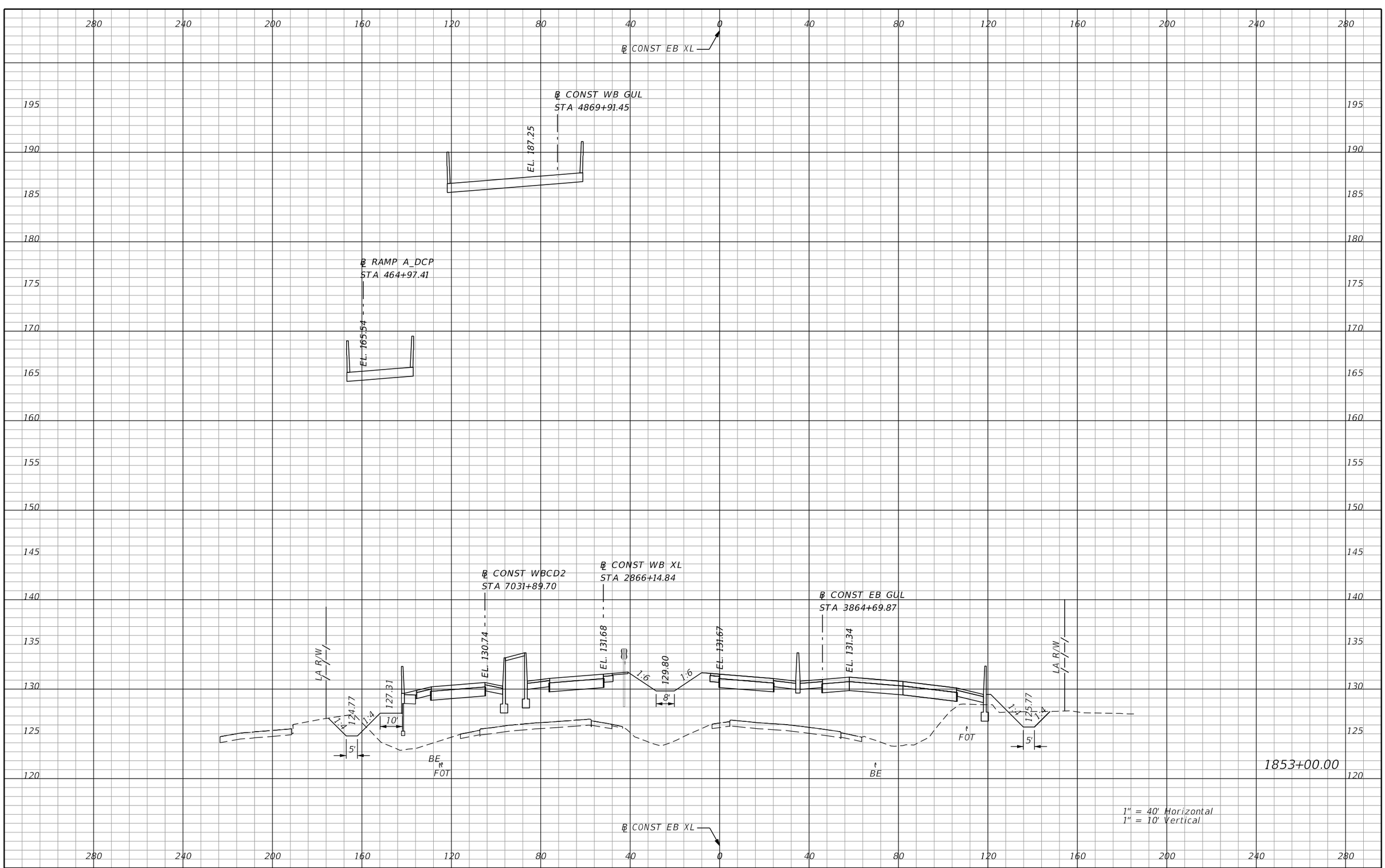
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 783

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 784

PRELIMINARY: NOT FOR CONSTRUCTION

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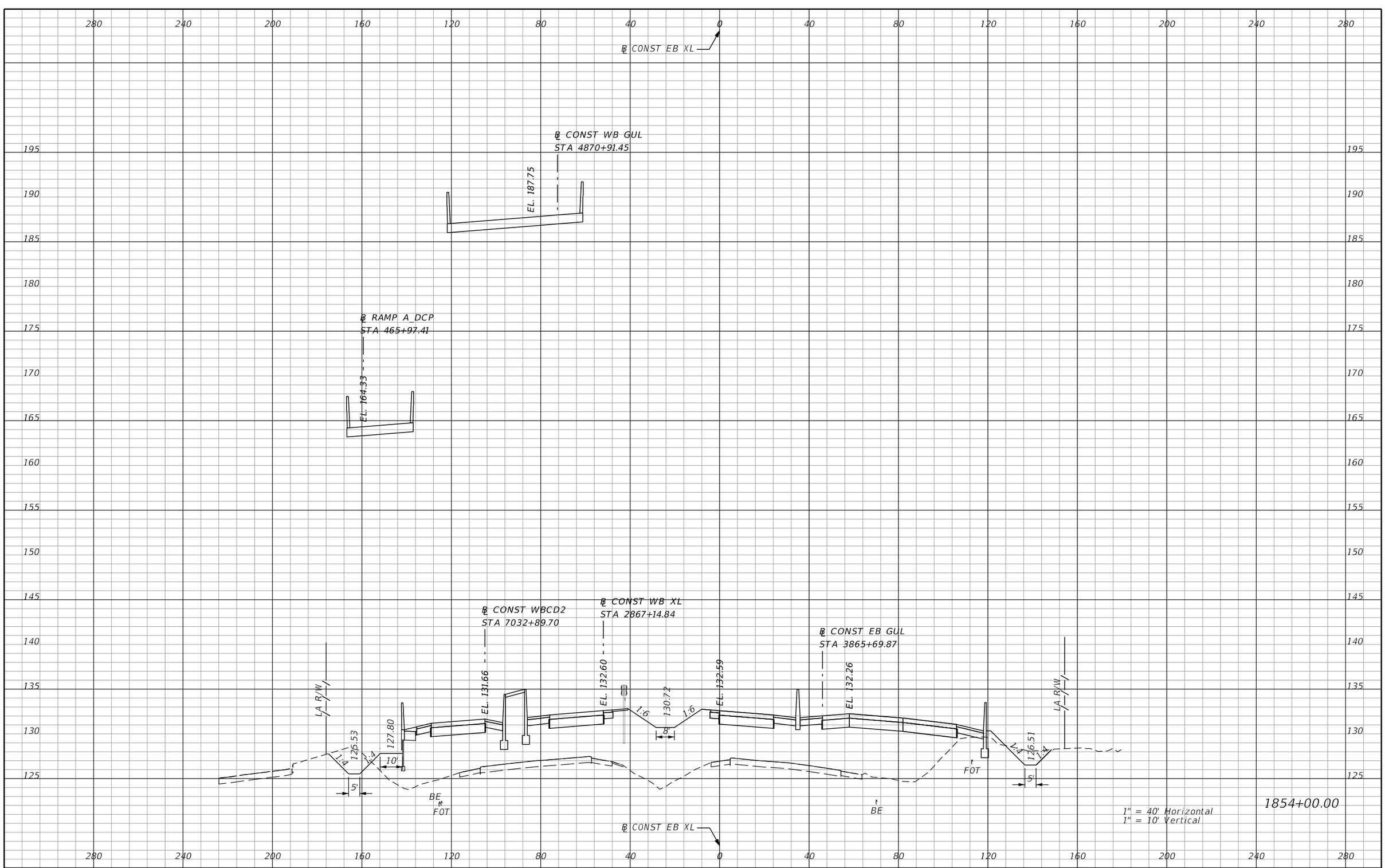

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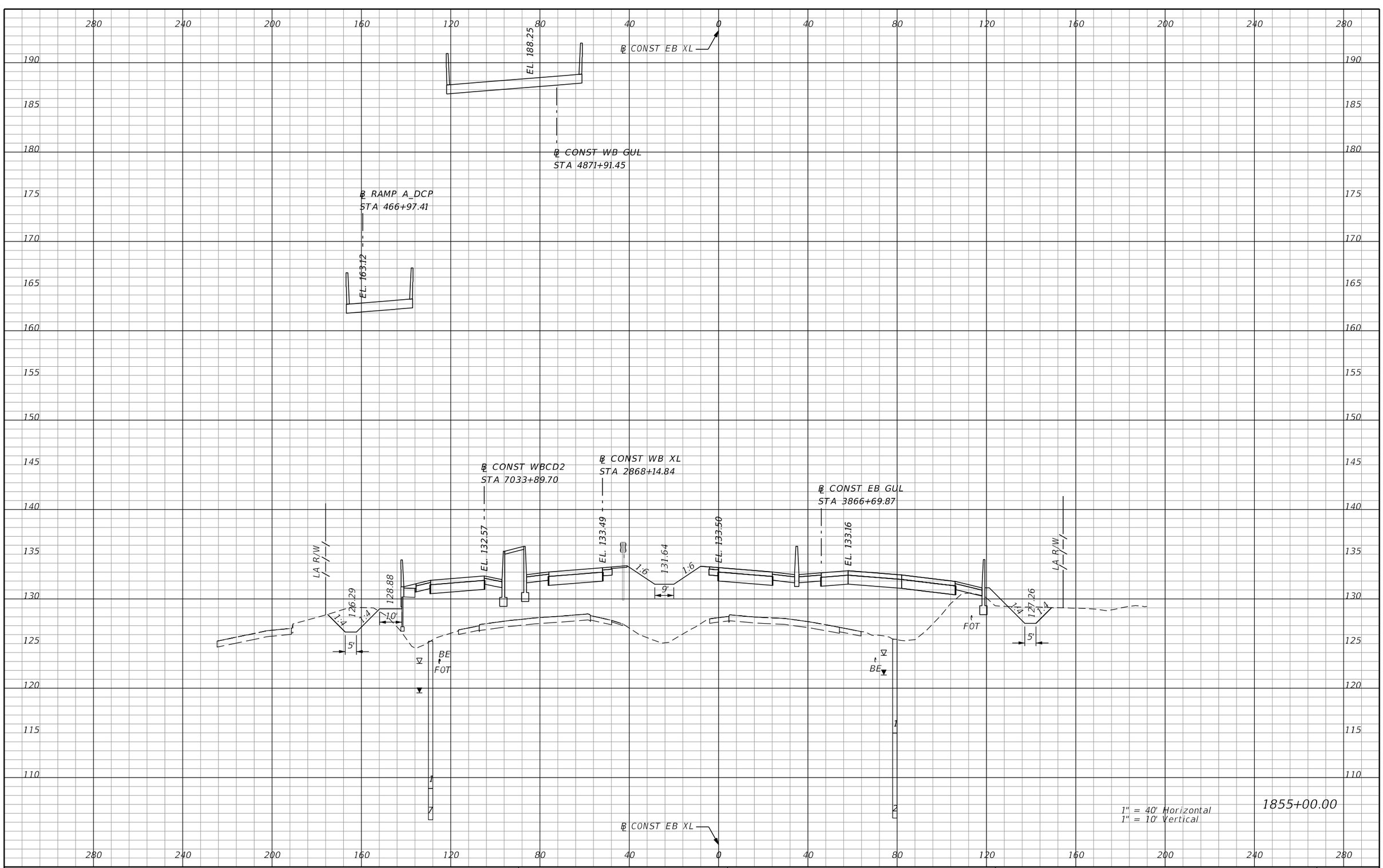
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 785

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 786

PRELIMINARY: NOT FOR CONSTRUCTION

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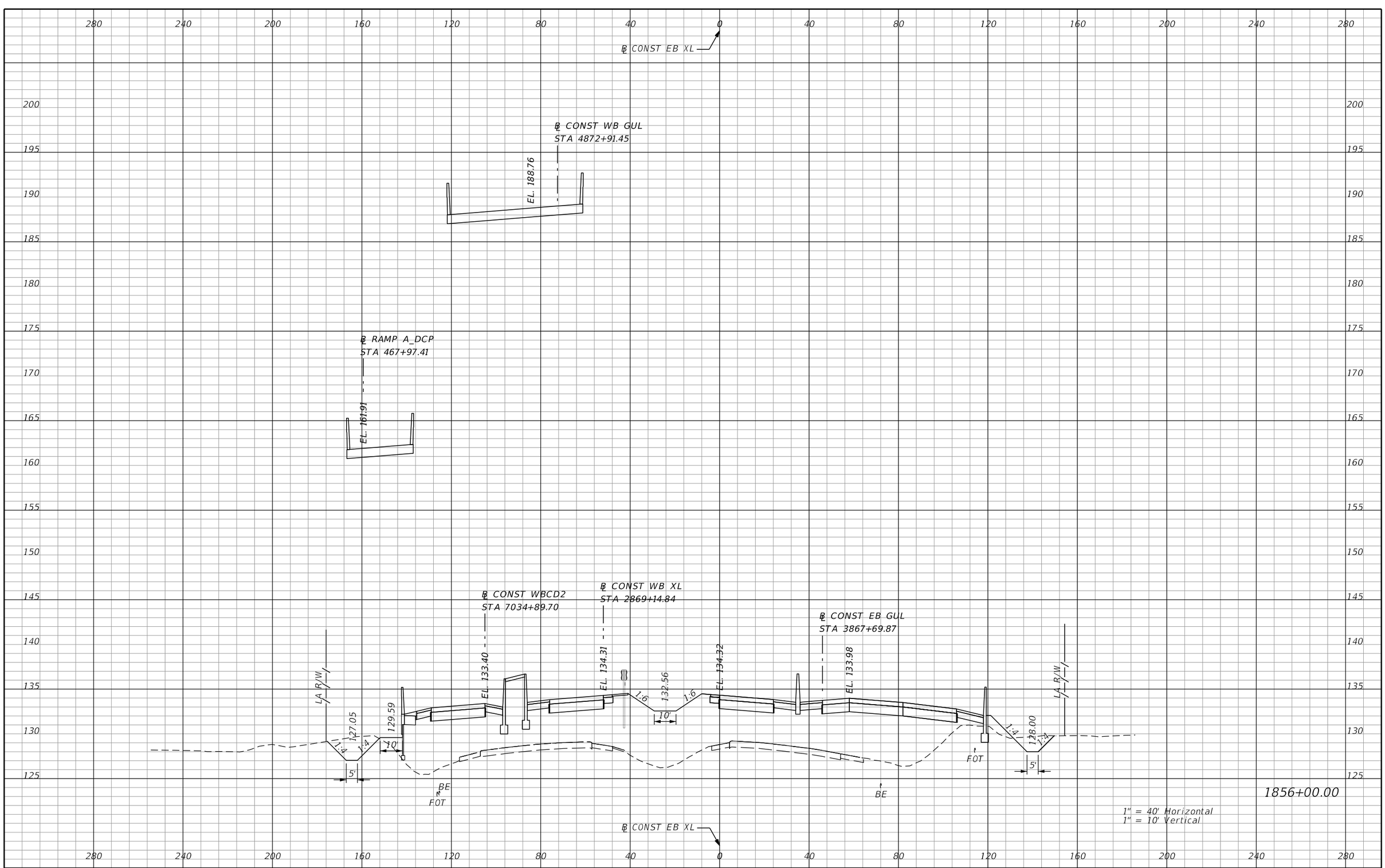

REVISIONS			
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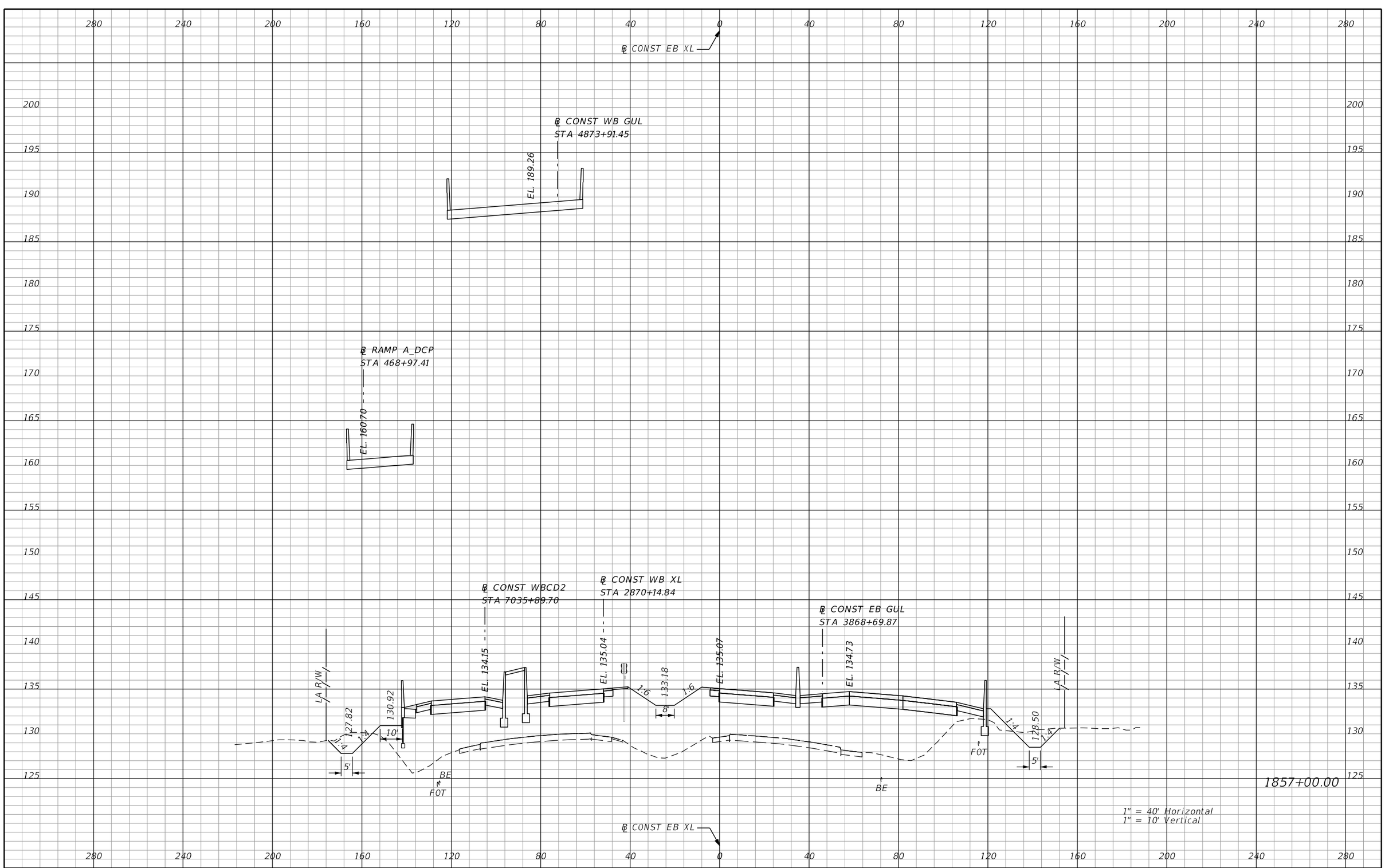
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 787

PRELIMINARY: NOT FOR CONSTRUCTION



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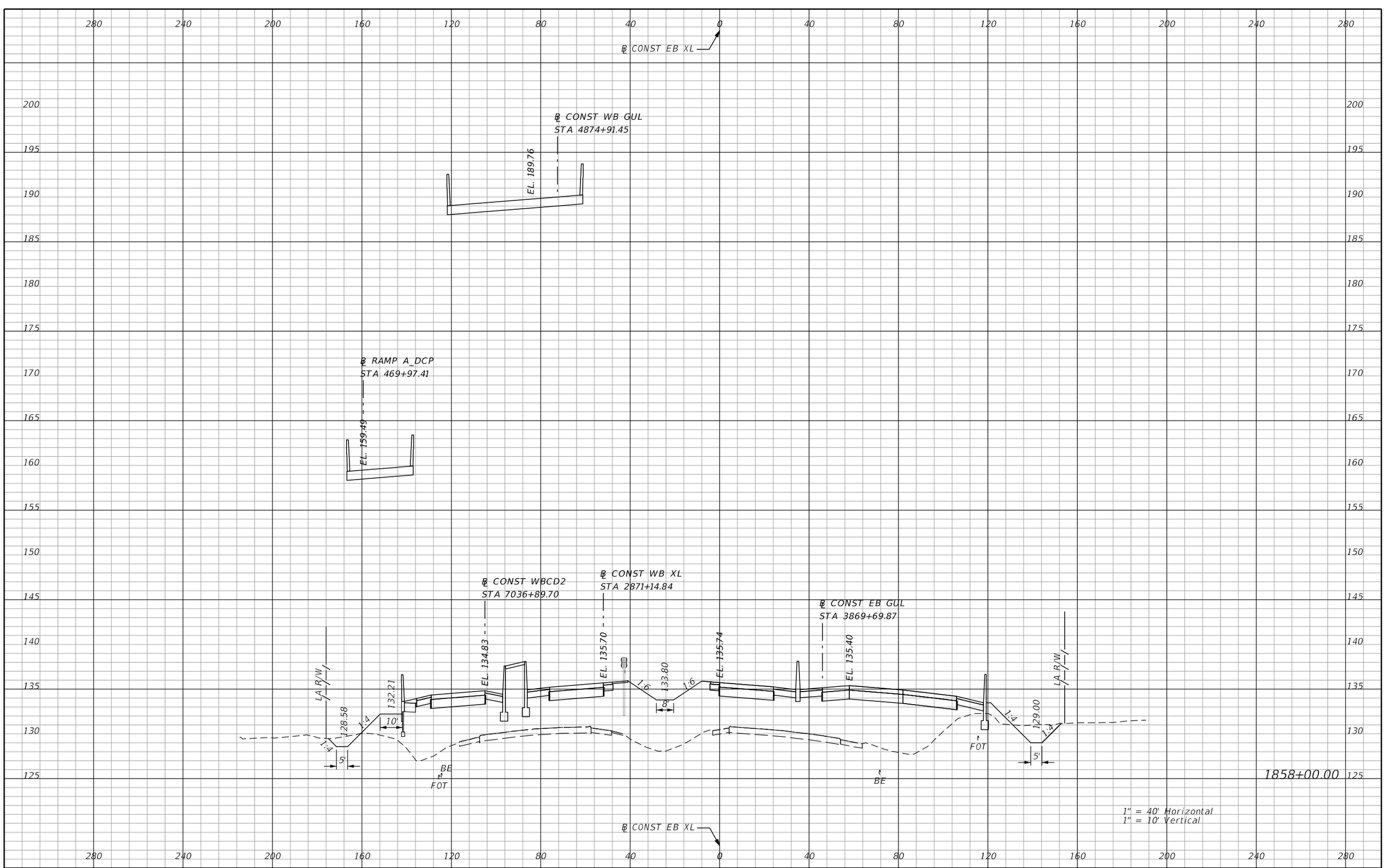
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 788

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 789

PRELIMINARY: NOT FOR CONSTRUCTION

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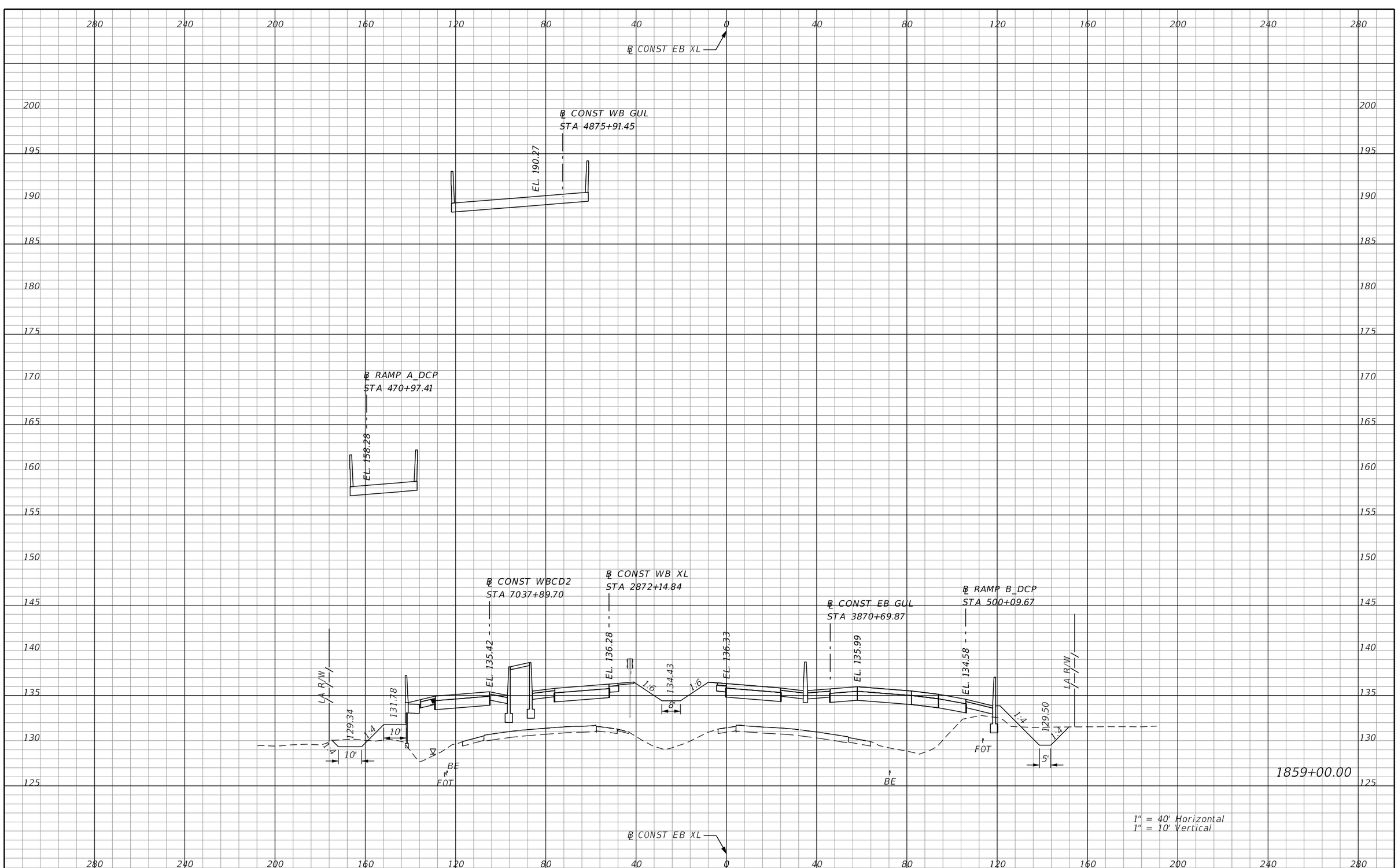

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 790

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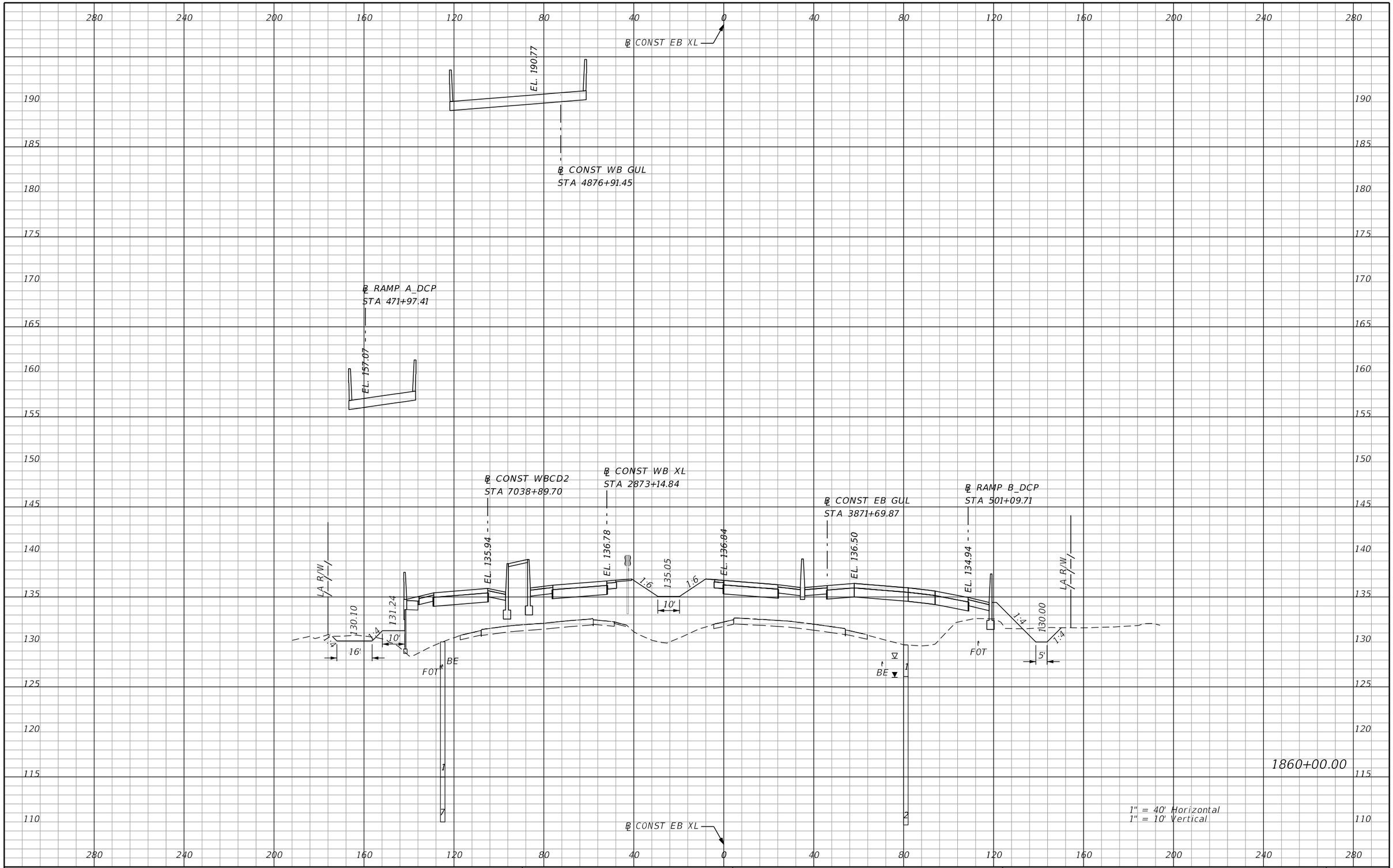

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 791

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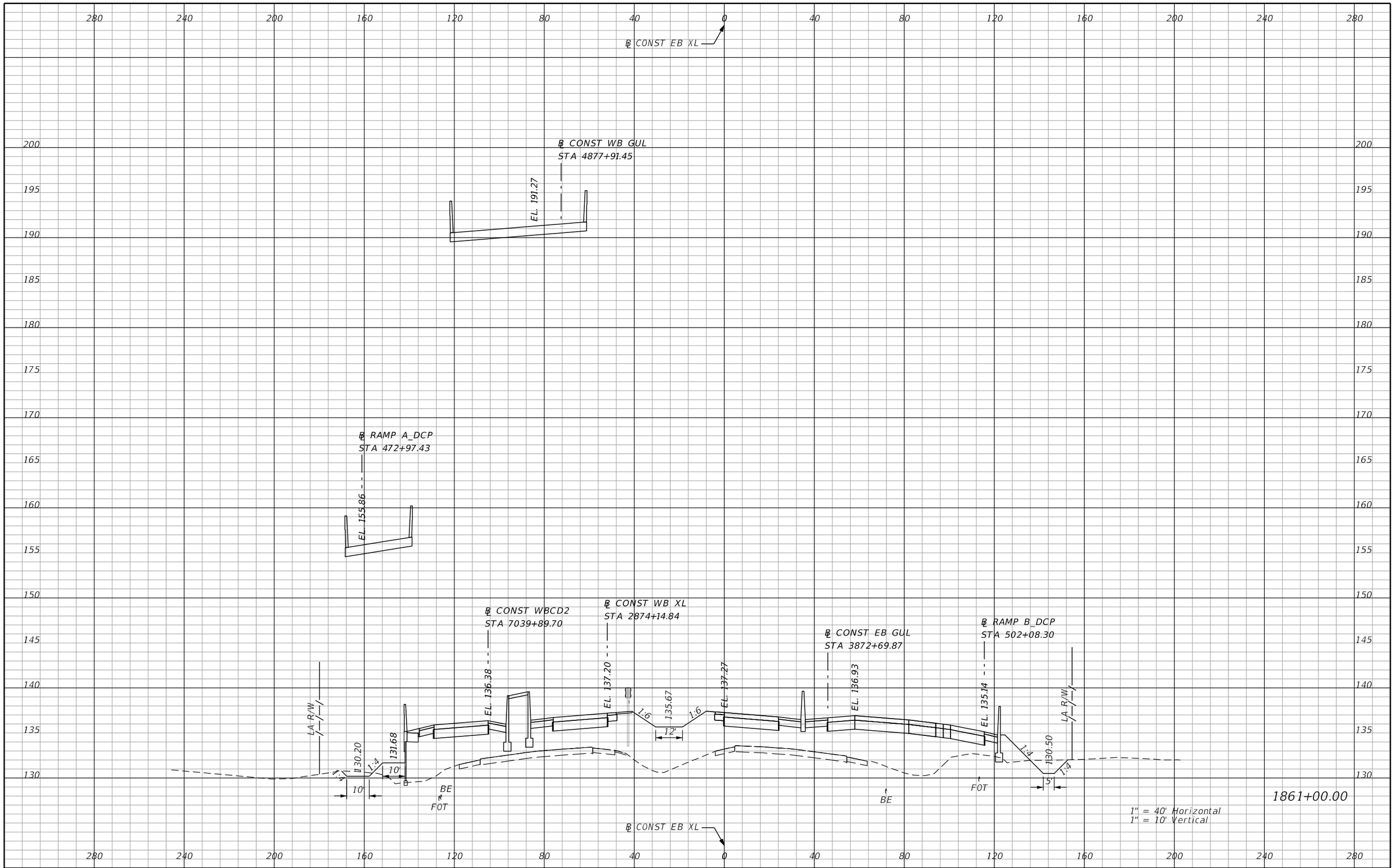

REVISIONS			
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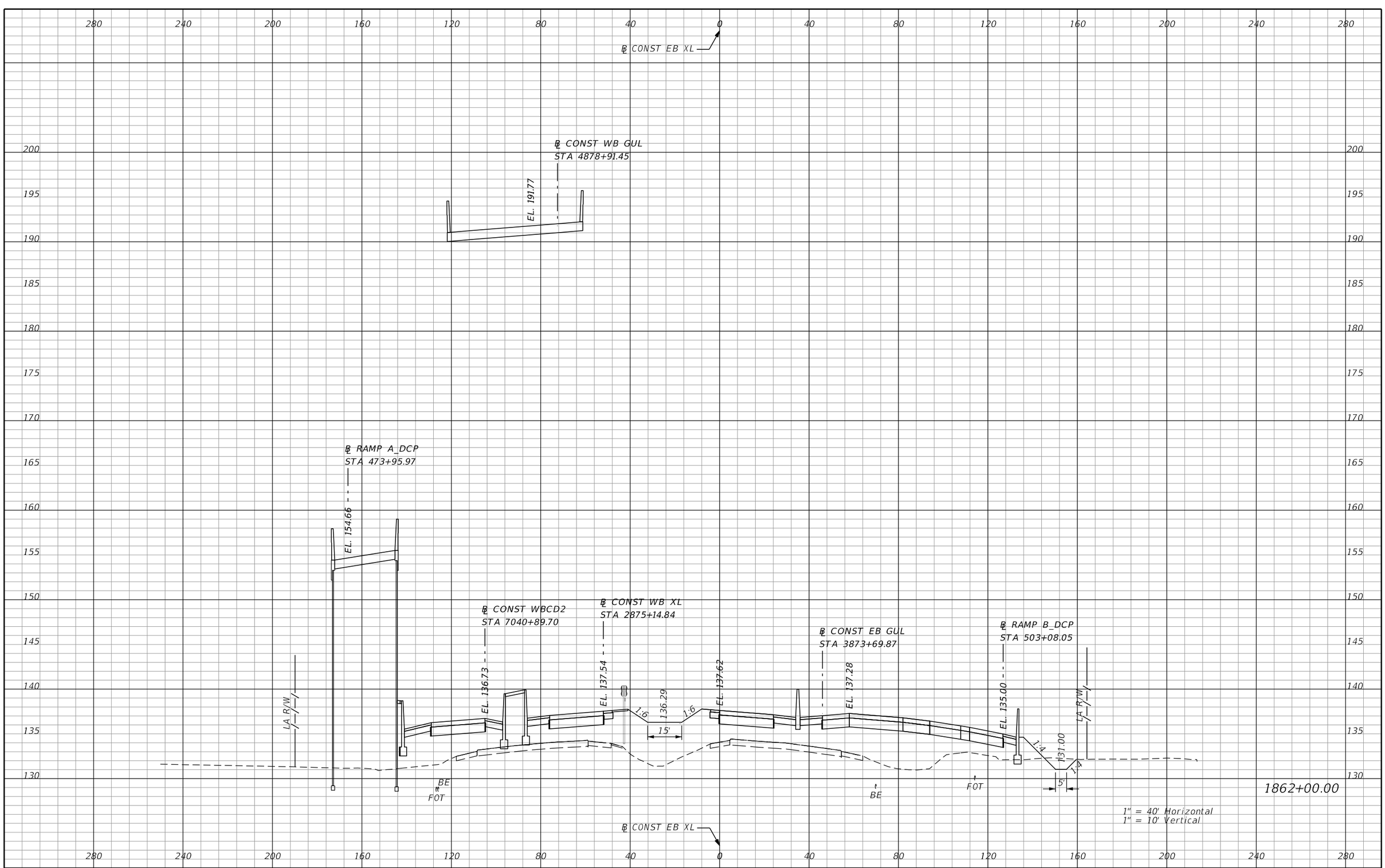
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 792

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 793

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ CONST EB XL

℄ CONST WB GUL
STA 4879+91.45
EL. 192.28

℄ RAMP A_DCP
STA 474+95.20
EL. 153.46

℄ CONST WBCD2
STA 7041+89.70
EL. 137.01

℄ CONST WB XL
STA 2876+14.84
EL. 137.80

℄ CONST EB GUL
STA 3874+69.87
EL. 137.55

℄ RAMP B_DCP
STA 504+07.52
EL. 134.54

1:50
LA R/W
1:6
136.47
14'
1:6
EL. 137.89
BE
FOT
BE
FOT
1:4
131.50
1:4
5'
LA R/W

1863+00.00

1" = 40' Horizontal
1" = 10' Vertical

℄ CONST EB XL

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
794

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 795

PRELIMINARY: NOT FOR CONSTRUCTION



PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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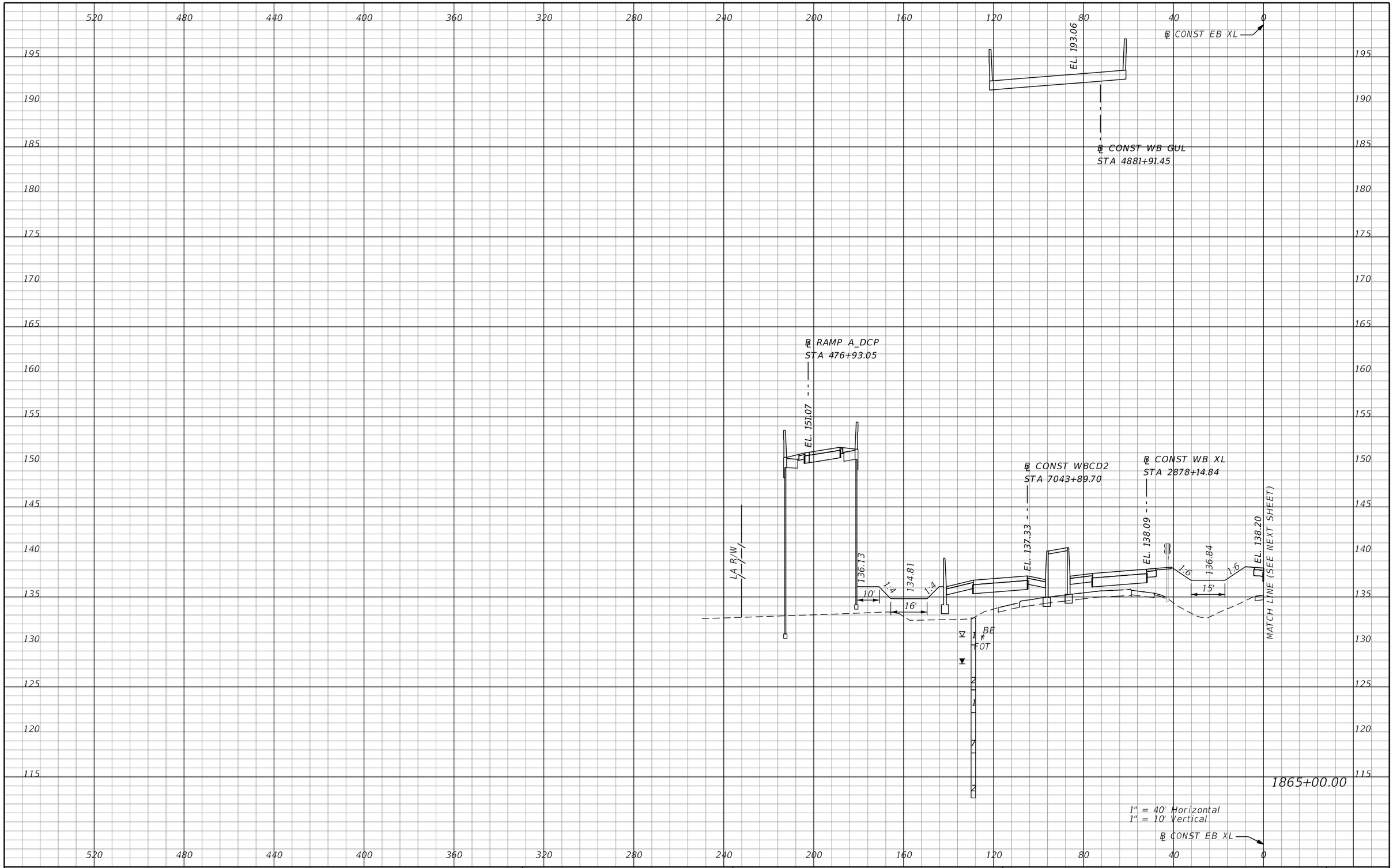
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 796



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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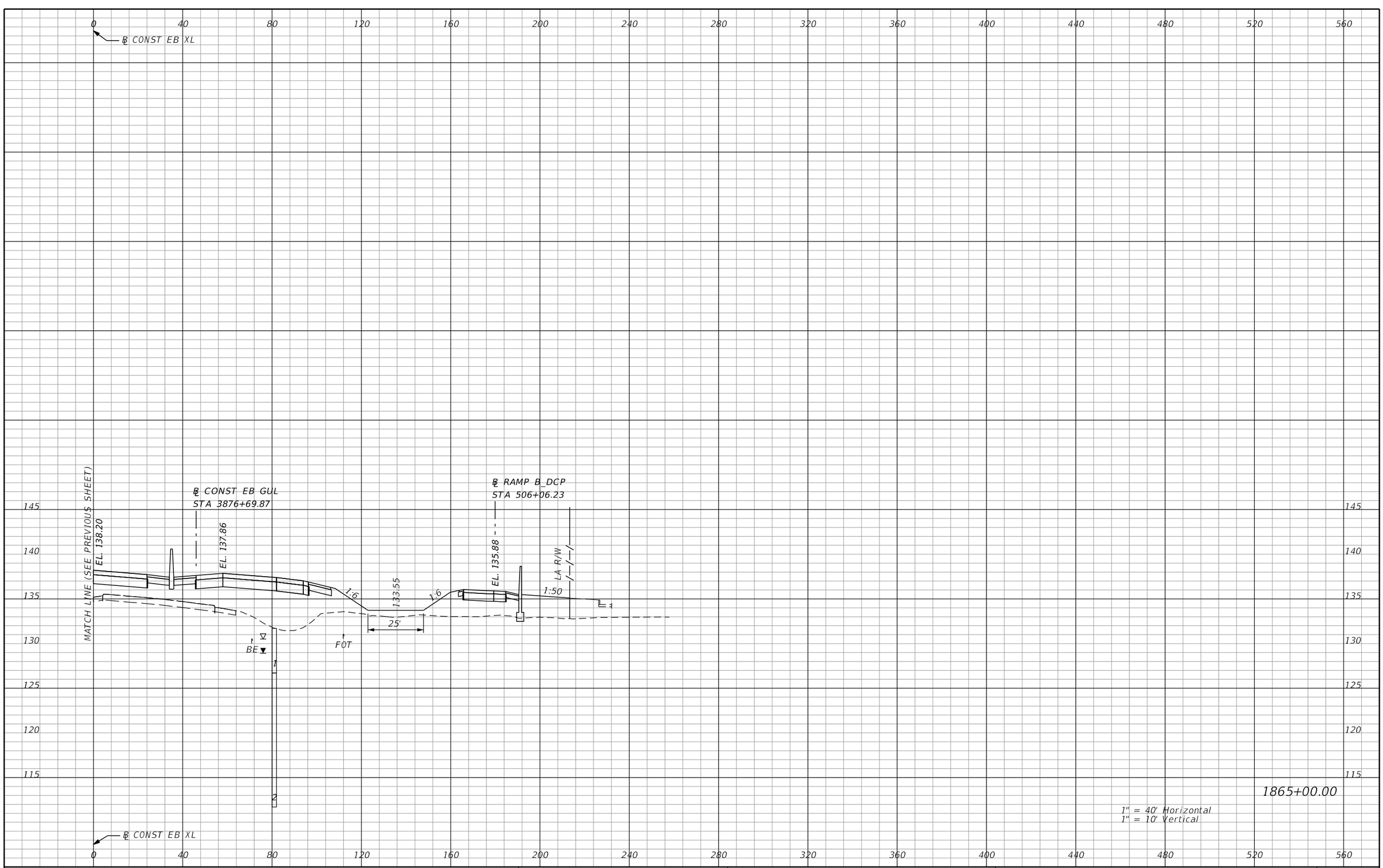
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 797

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 798

PRELIMINARY: NOT FOR CONSTRUCTION

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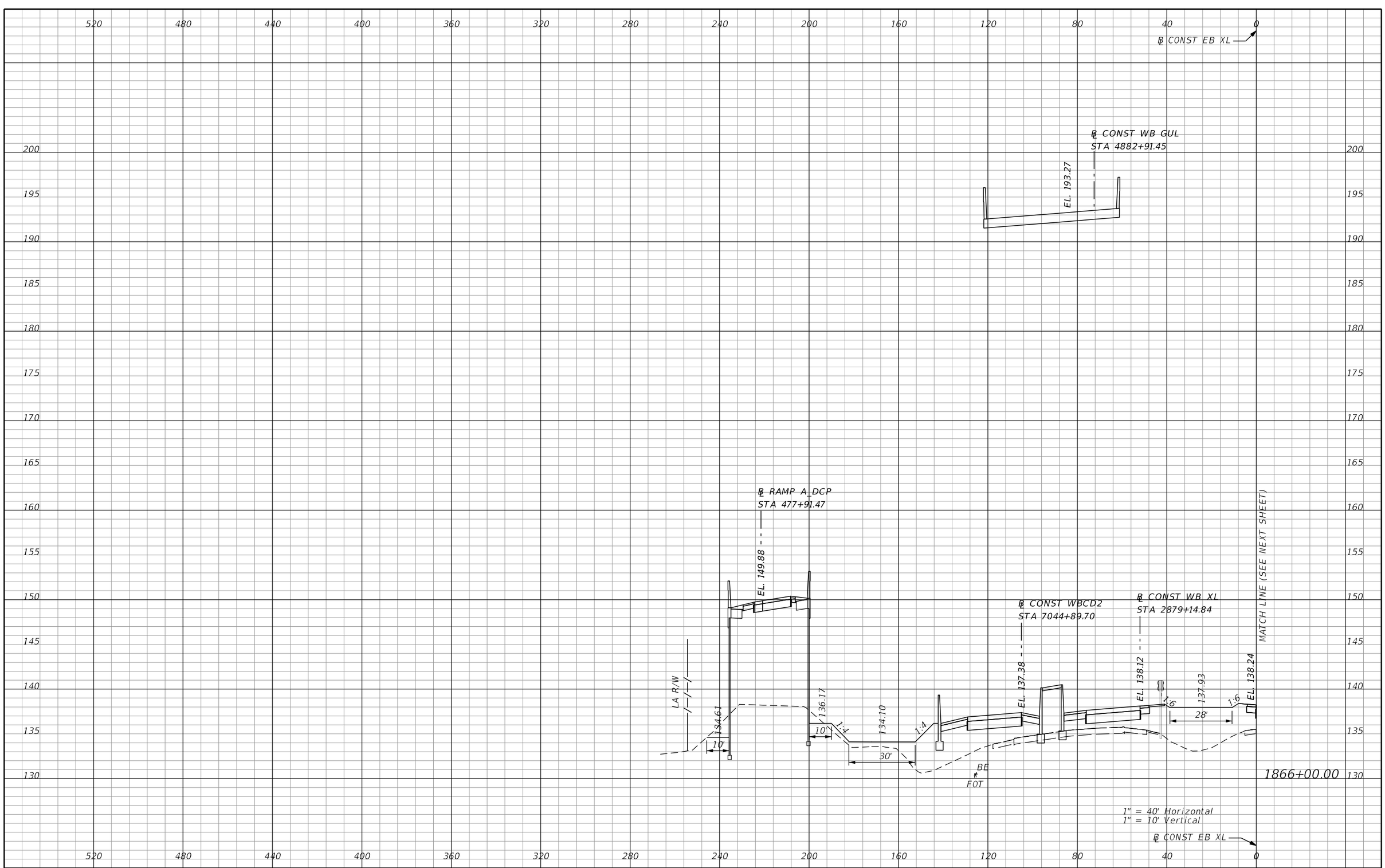

REVISIONS			
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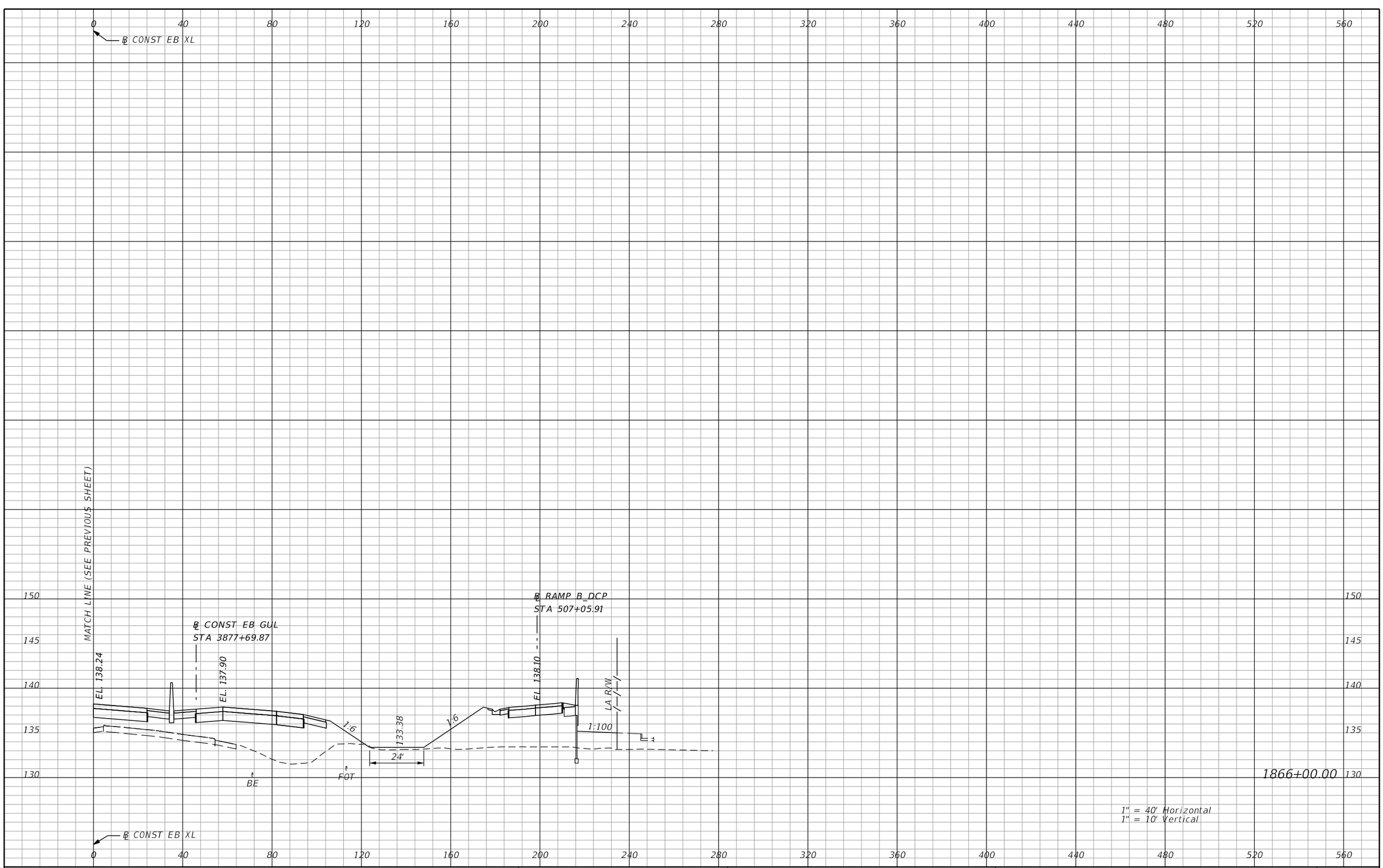
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 799

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 800

PRELIMINARY: NOT FOR CONSTRUCTION

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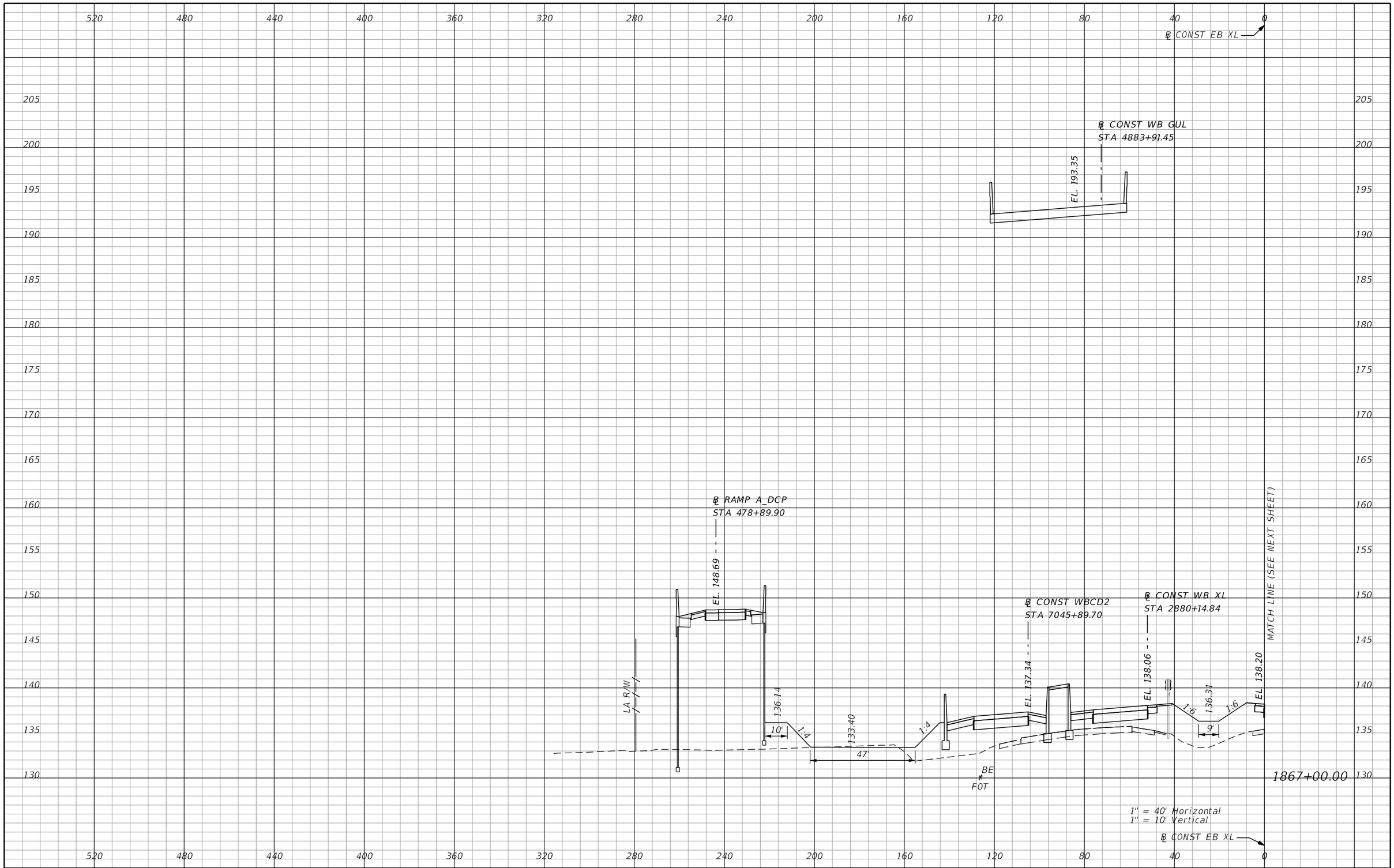

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 801

PRELIMINARY: NOT FOR CONSTRUCTION

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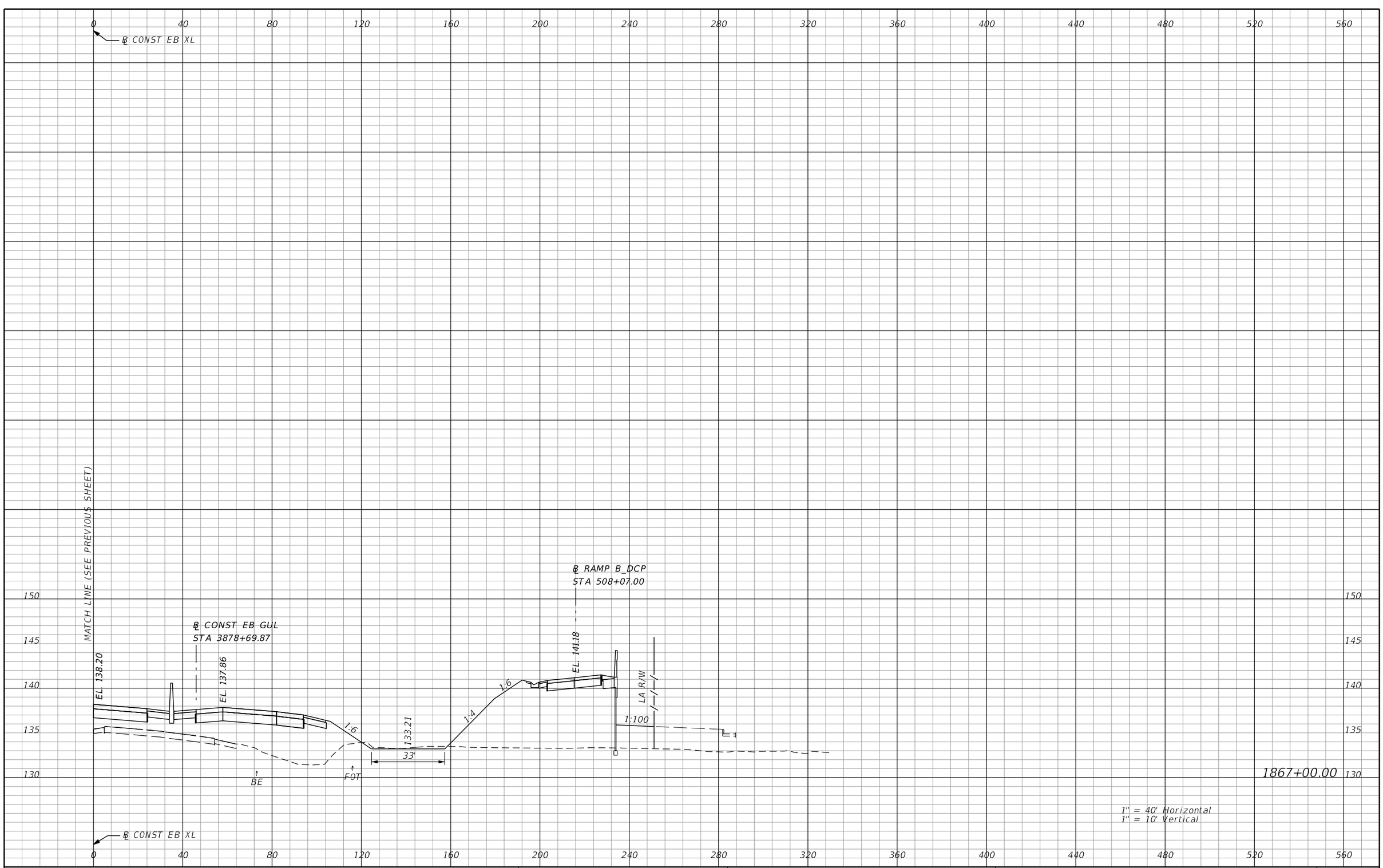

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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 802

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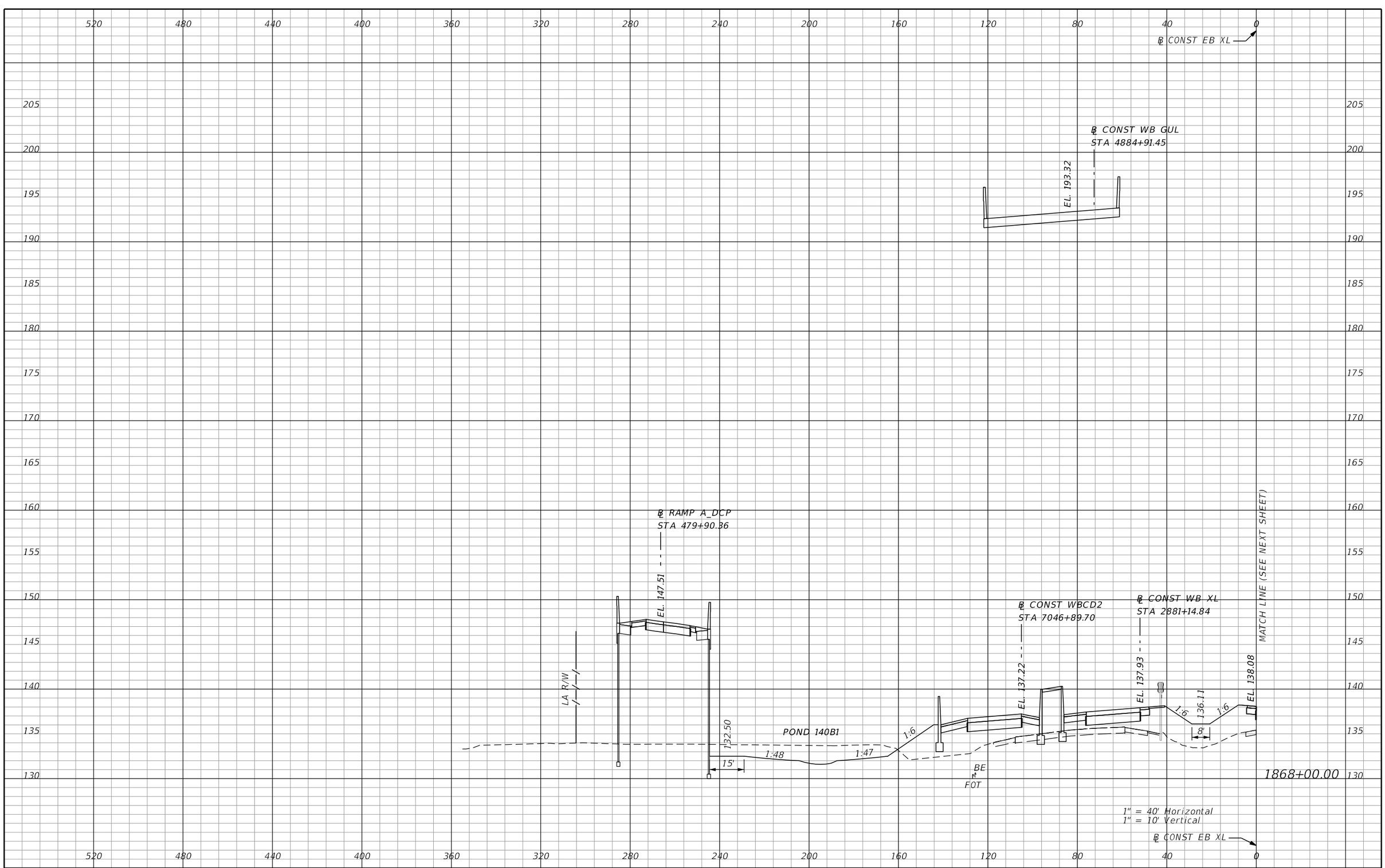

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 803

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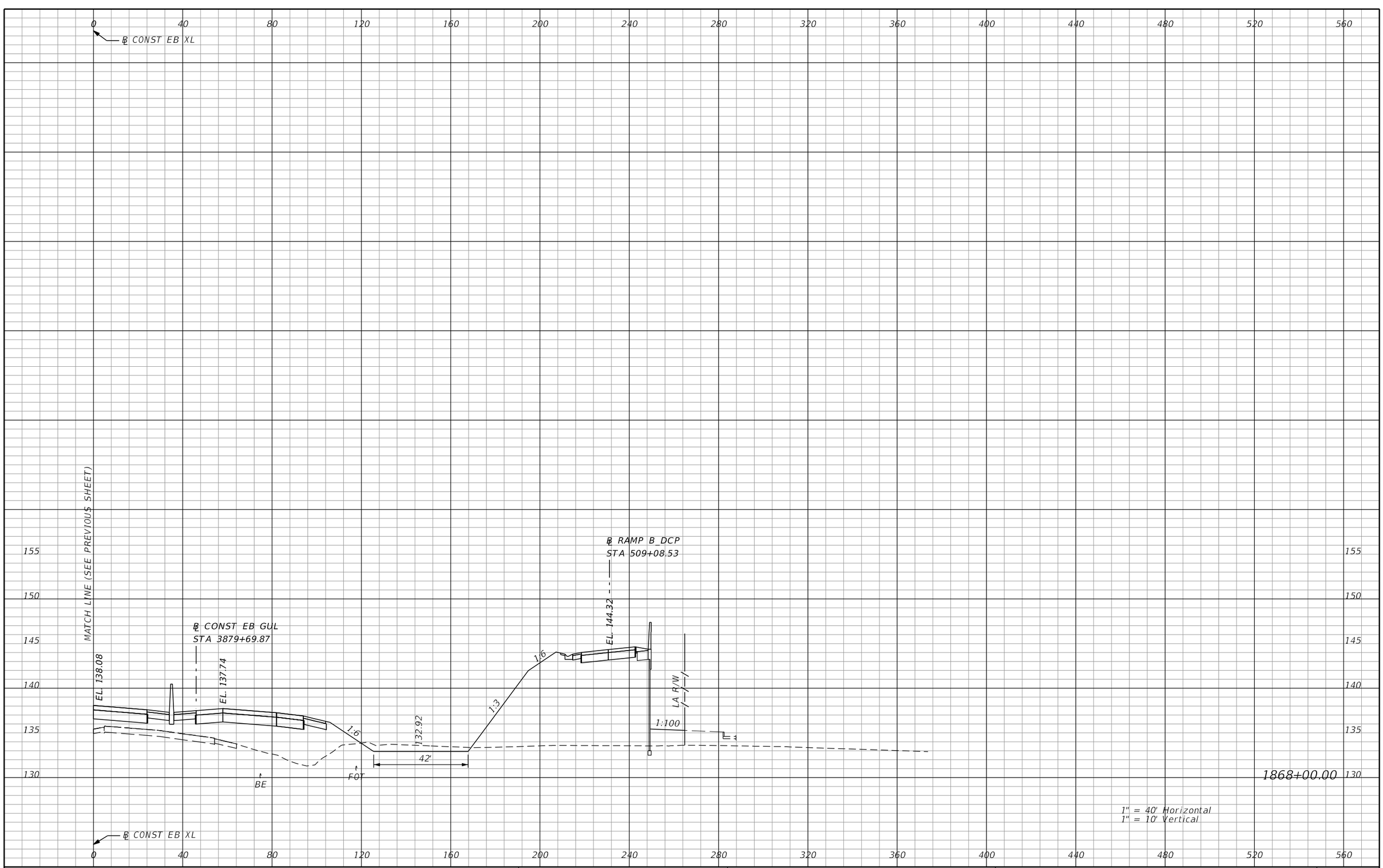

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 804

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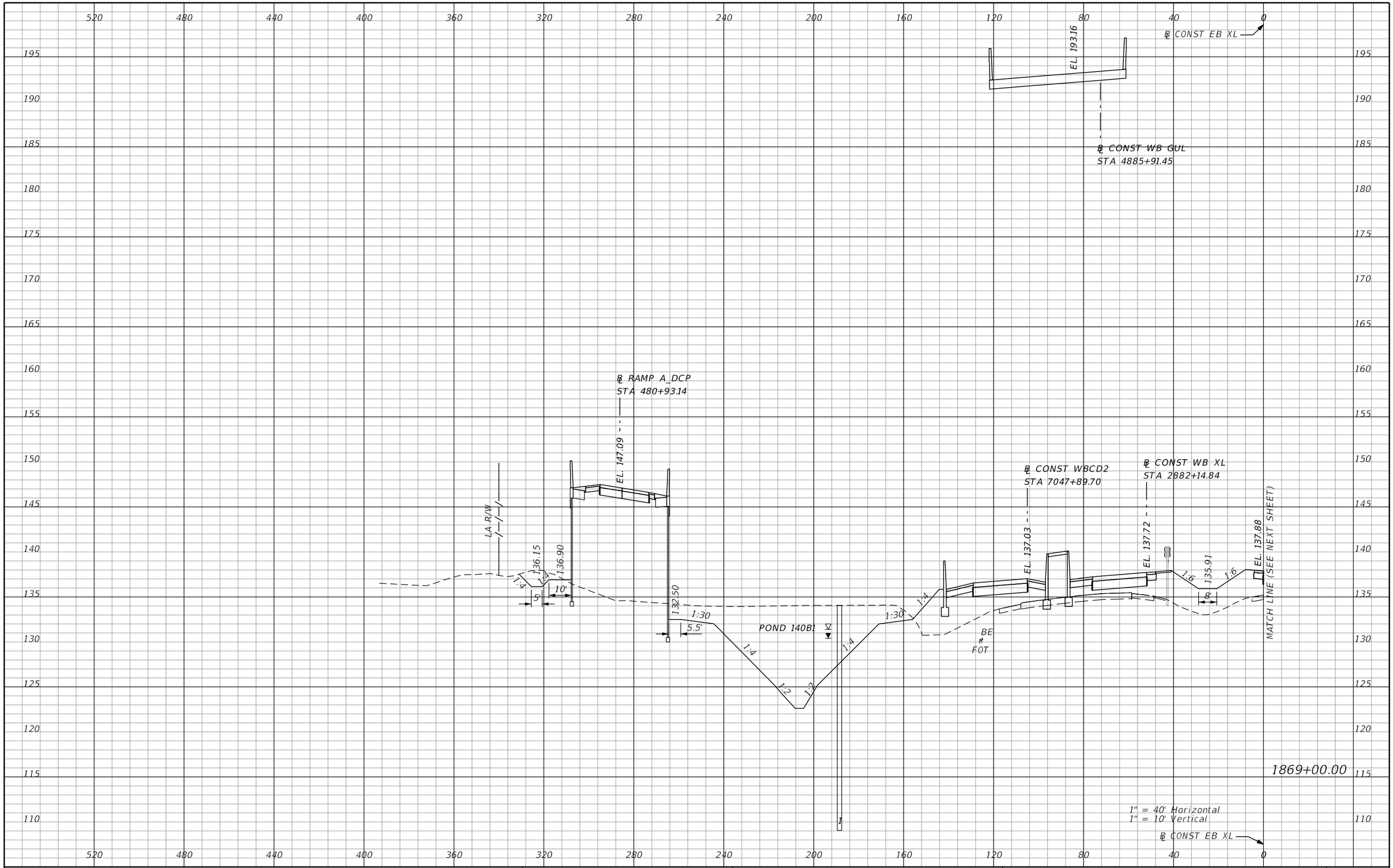

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 805

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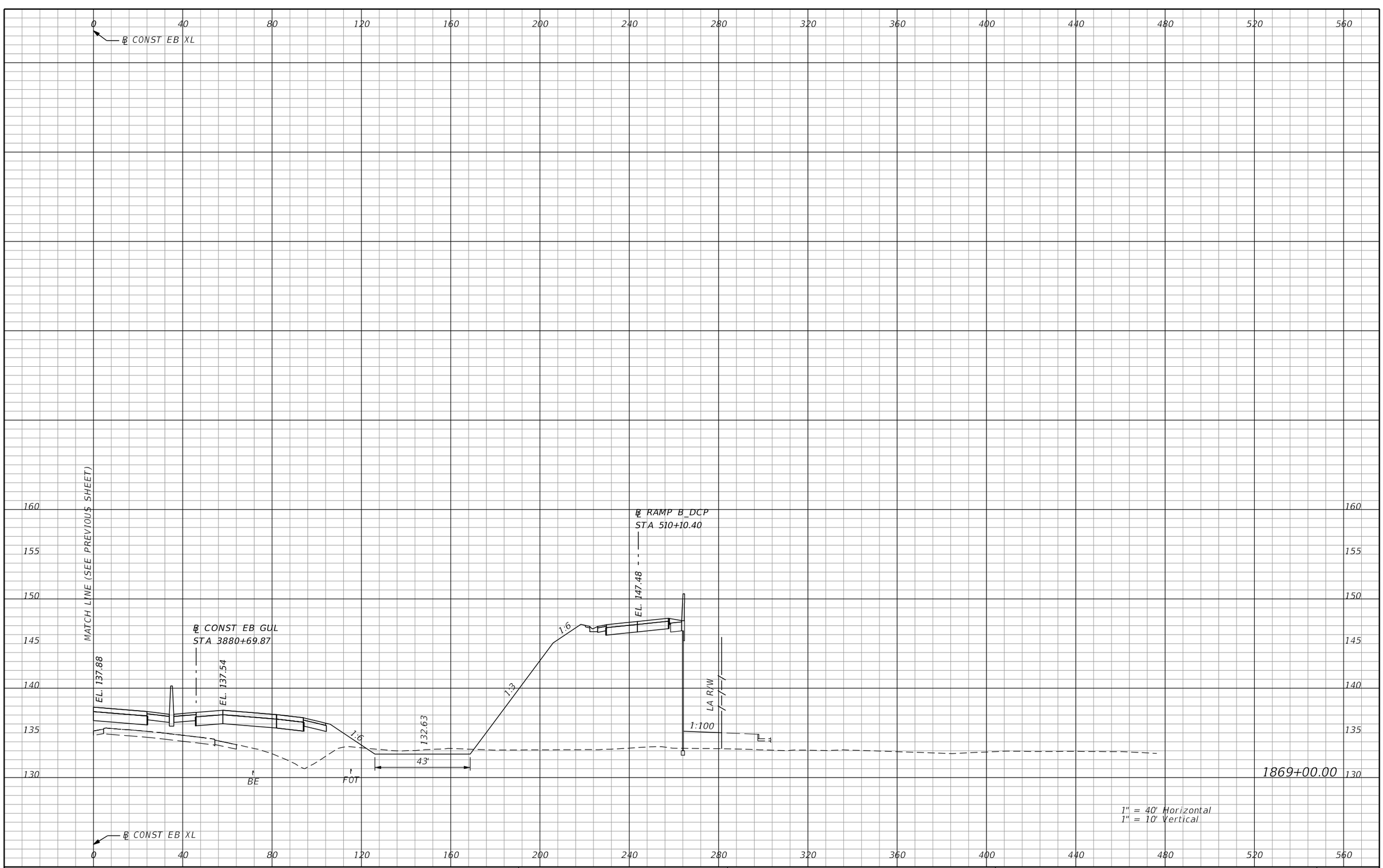

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 806

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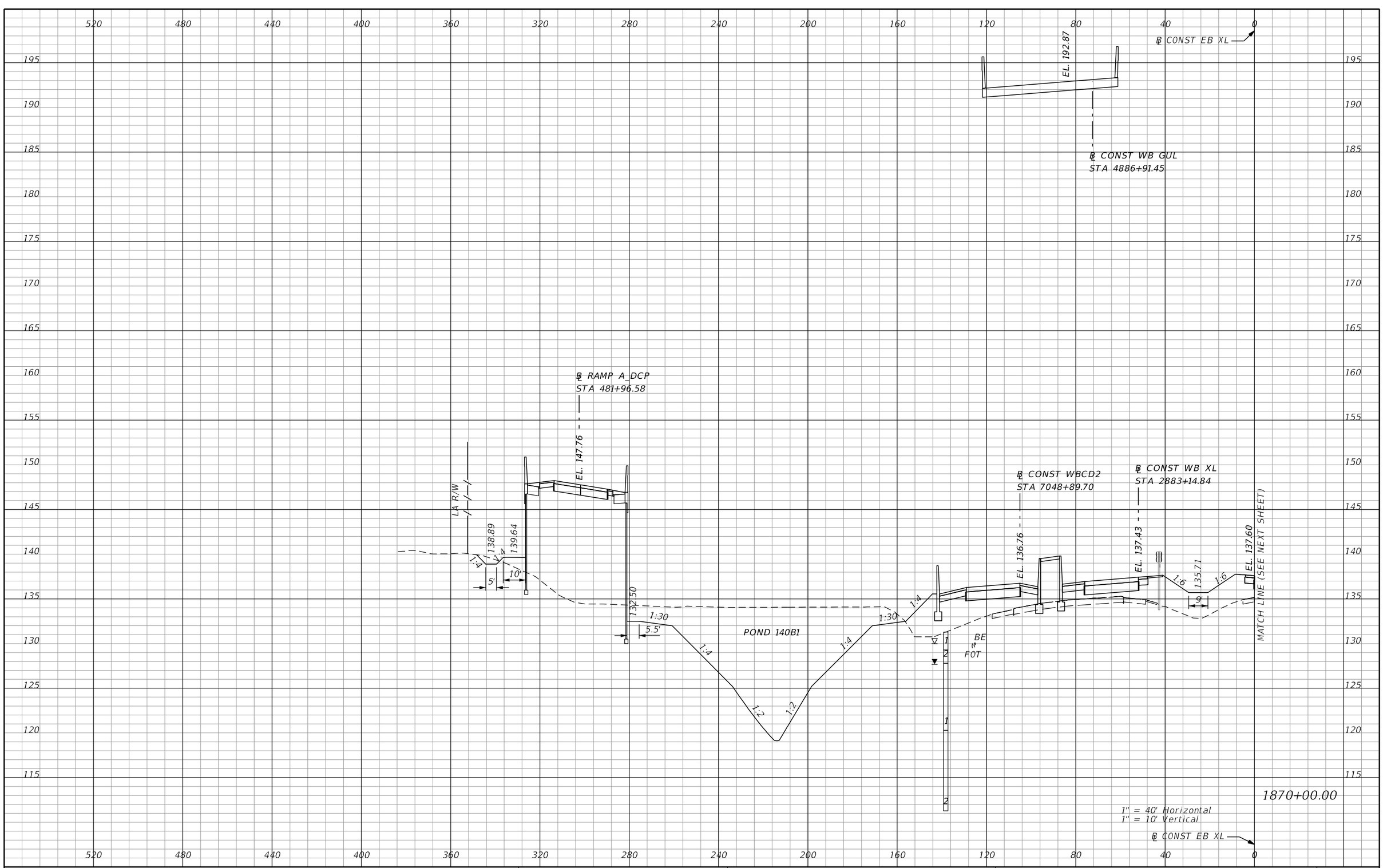

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
807

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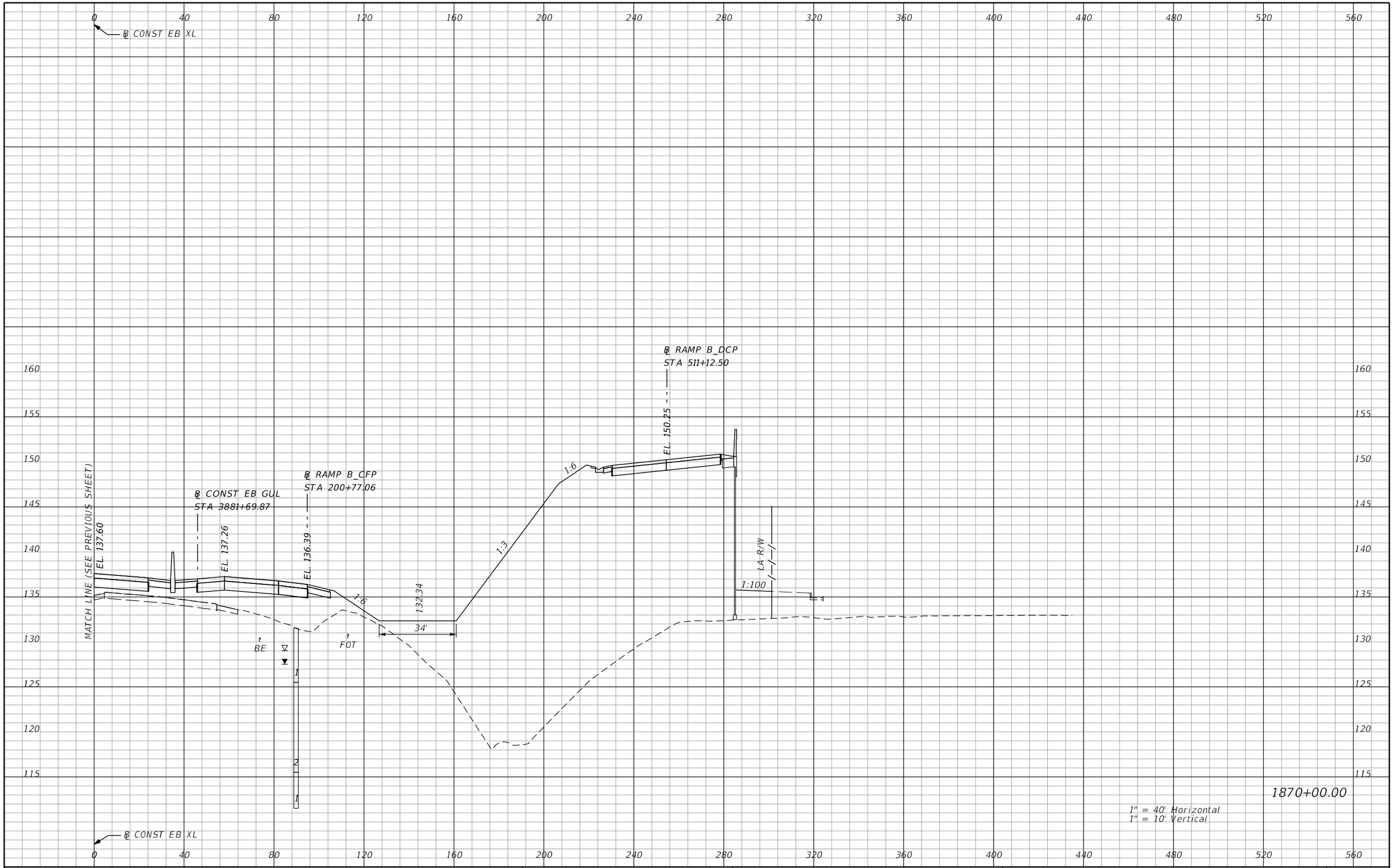

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SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 808

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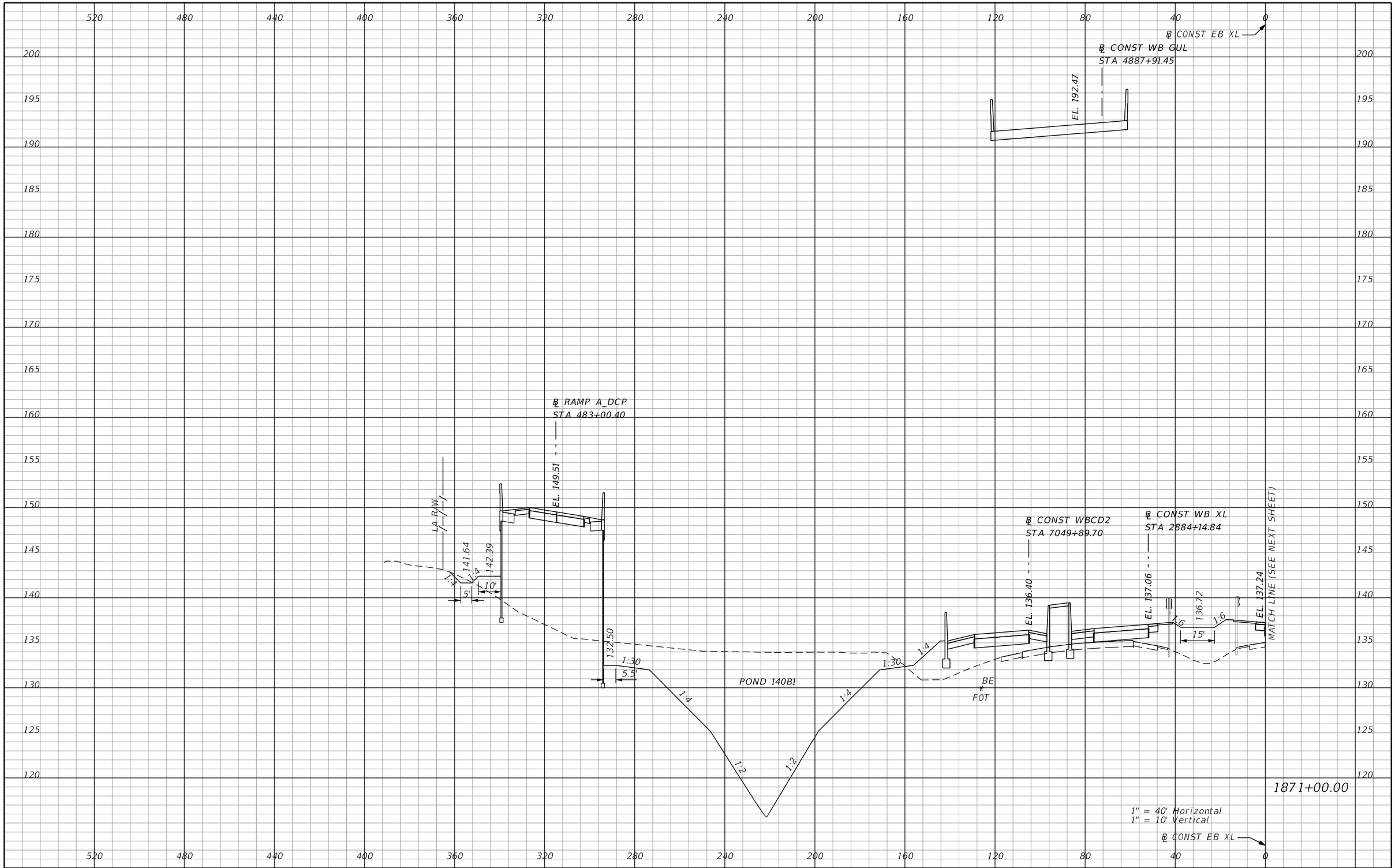

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 809

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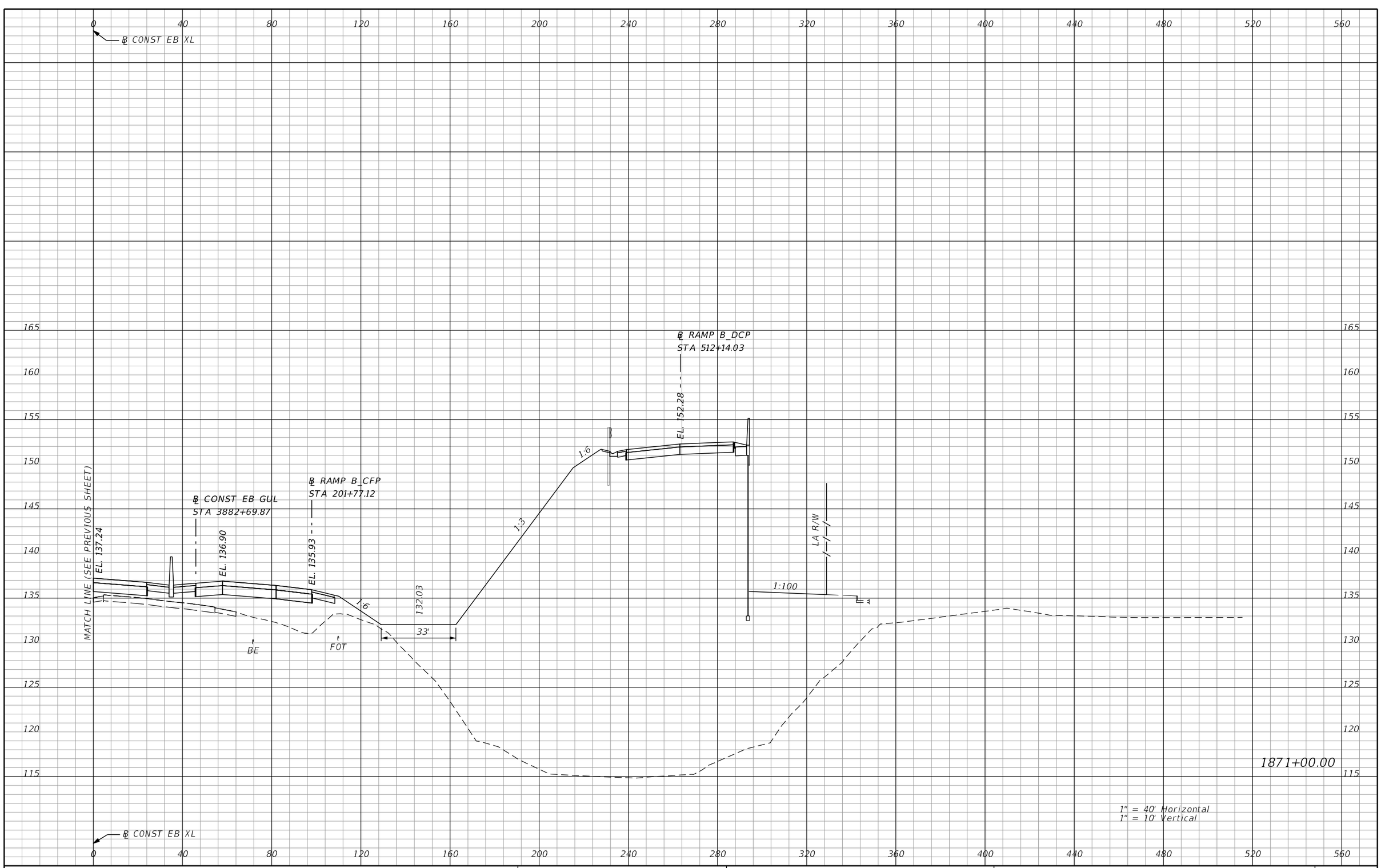

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

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CROSS SECTIONS

SHEET NO. 810

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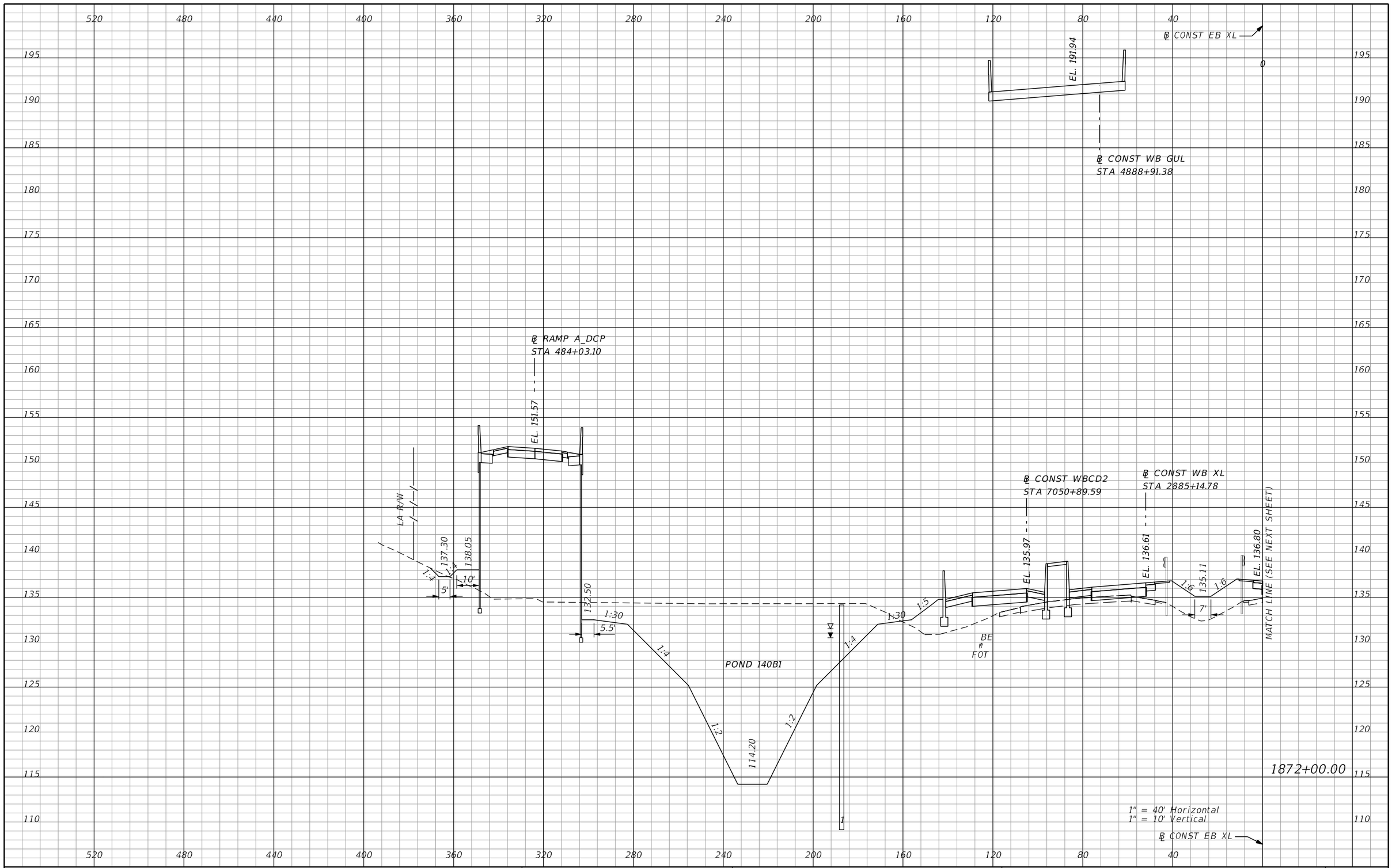

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4) 0
CROSS SECTIONS

SHEET NO.
811

PRELIMINARY: NOT FOR CONSTRUCTION

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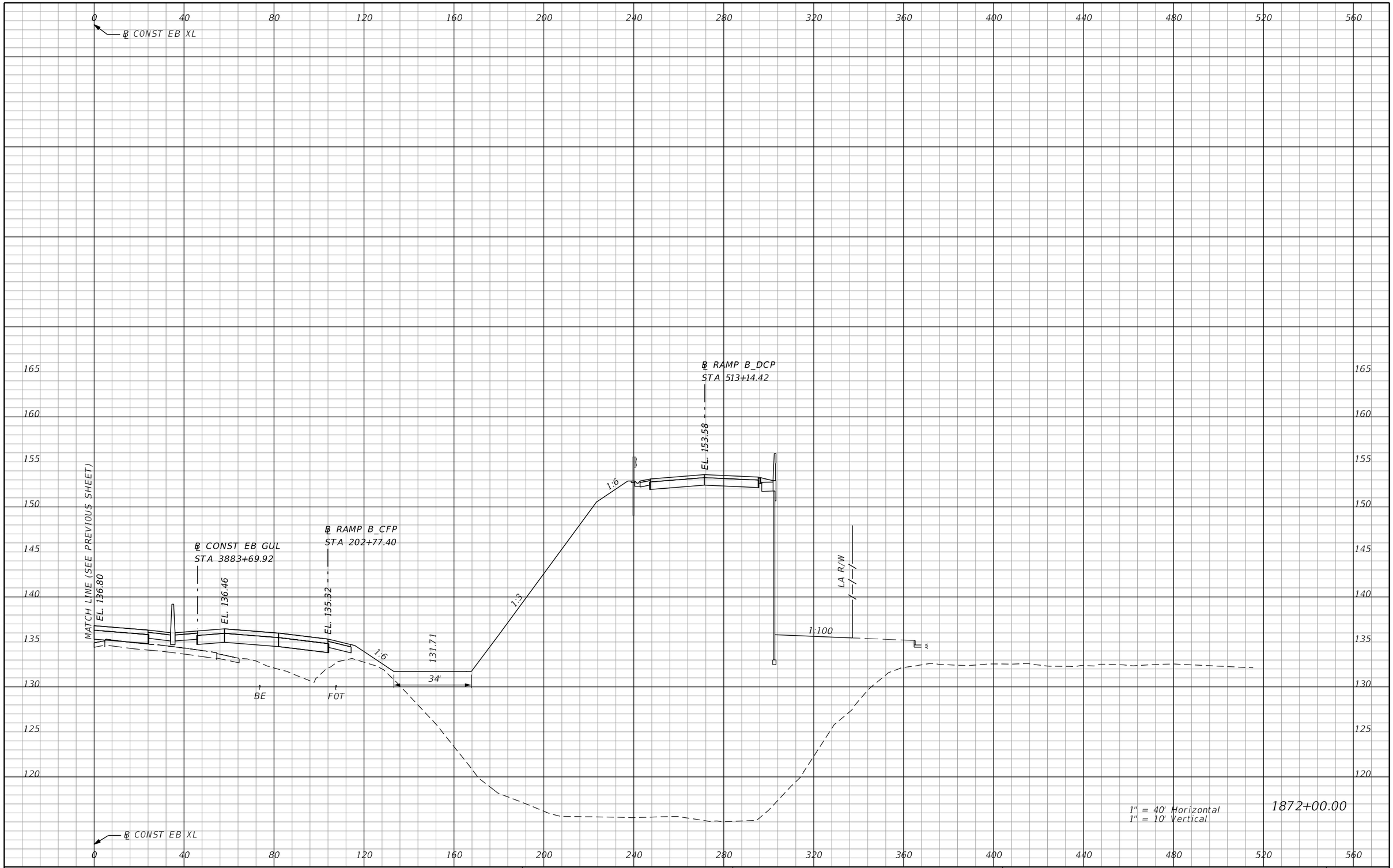

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 812

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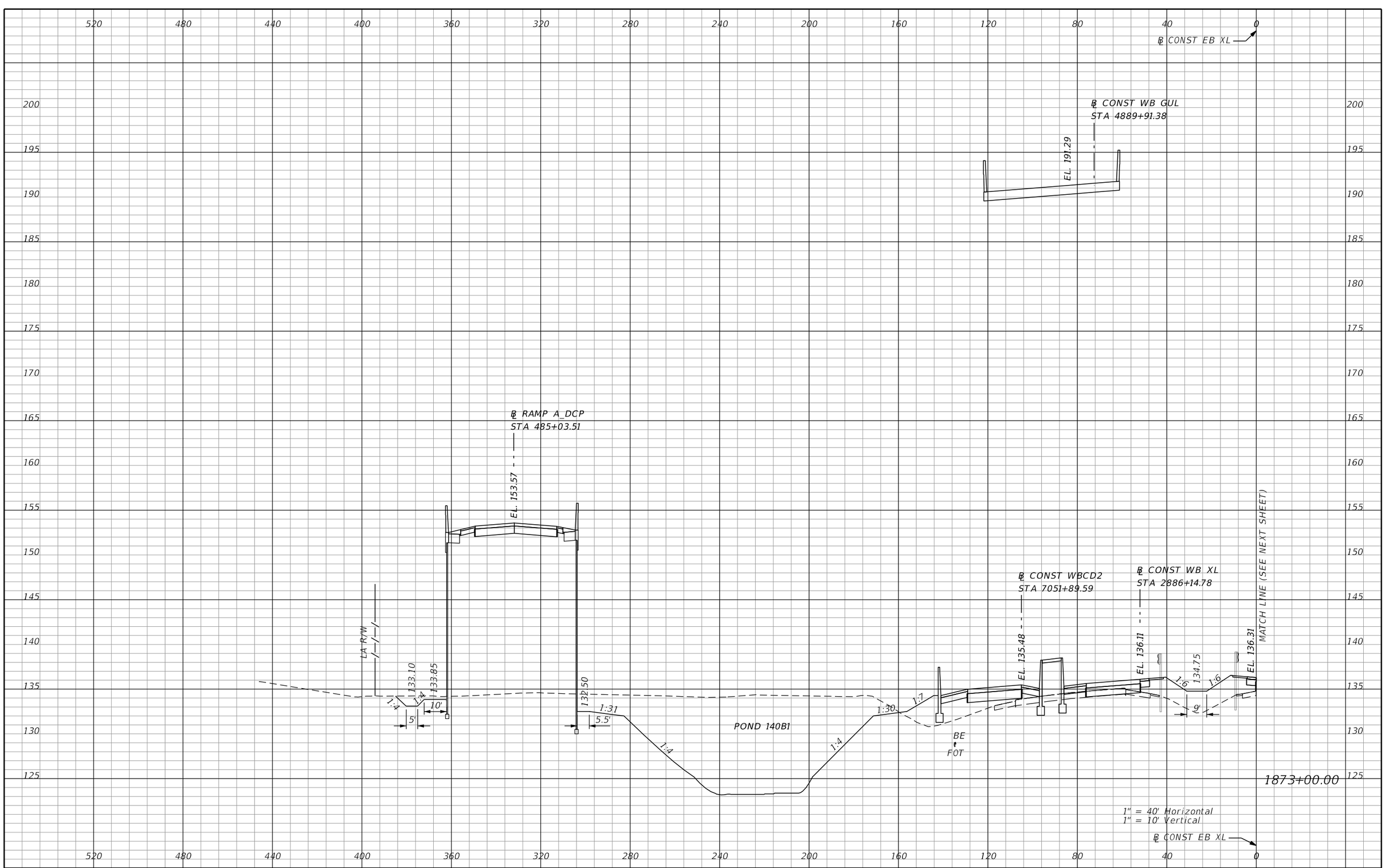

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 813

PRELIMINARY: NOT FOR CONSTRUCTION

℄ CONST EB XL

℄ RAMP B_DCP
STA 514+14.63

EL. 154.58

MATCH LINE (SEE PREVIOUS SHEET)
EL. 136.31

℄ CONST EB GUL
STA 3884+69.92
EL. 135.97

℄ RAMP B_CFP
STA 203+77.76
EL. 134.55

1:6
131.40
68'
1:3
140.84
10'

BE
FOT

LA R/W
1:100

1873+00.00

1" = 40' Horizontal
1" = 10' Vertical

℄ CONST EB XL

0 40 80 120 160 200 240 280 320 360 400 440 480 520 560

165 160 155 150 145 140 135 130 125 120

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 814

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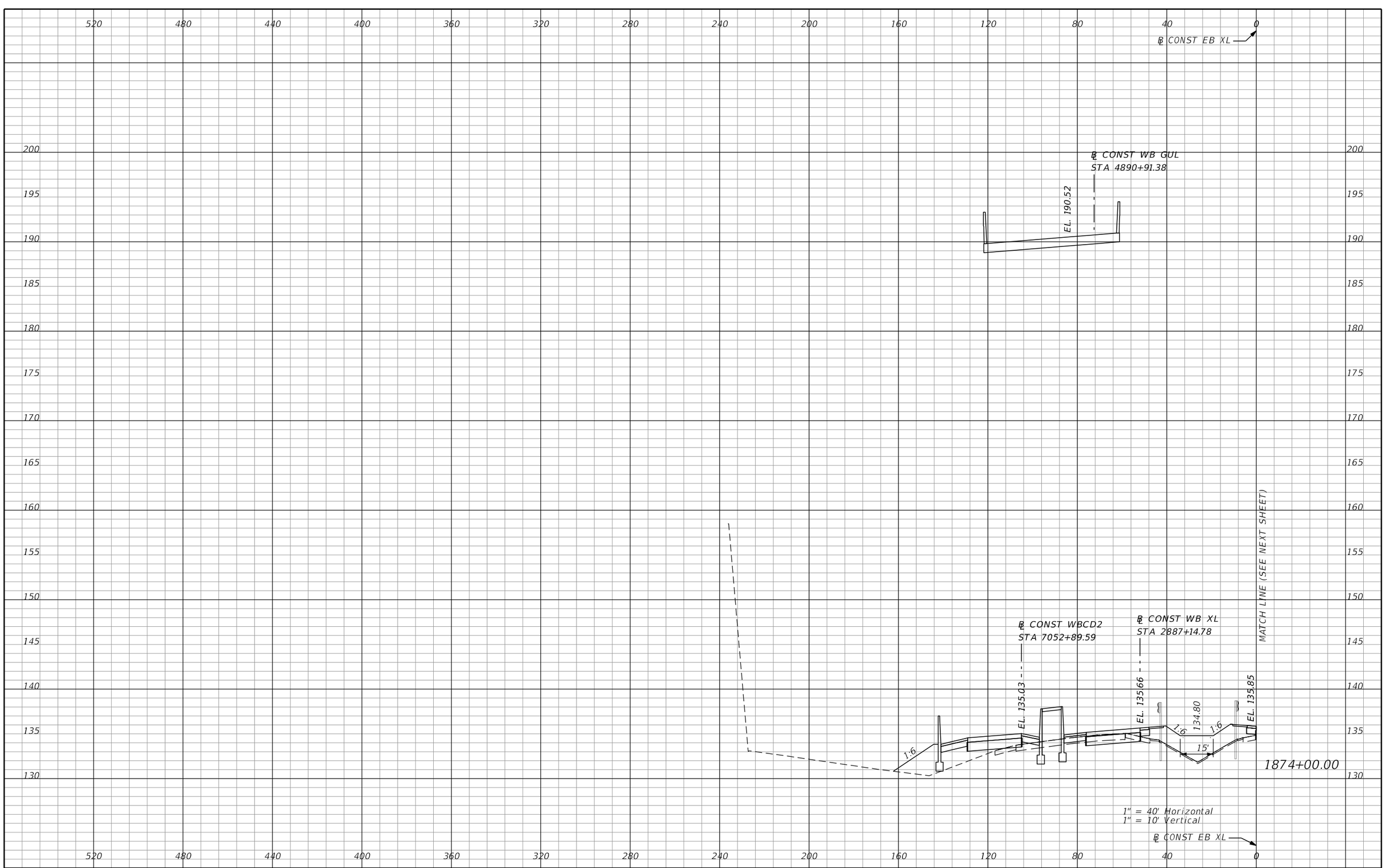

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 815

PRELIMINARY: NOT FOR CONSTRUCTION

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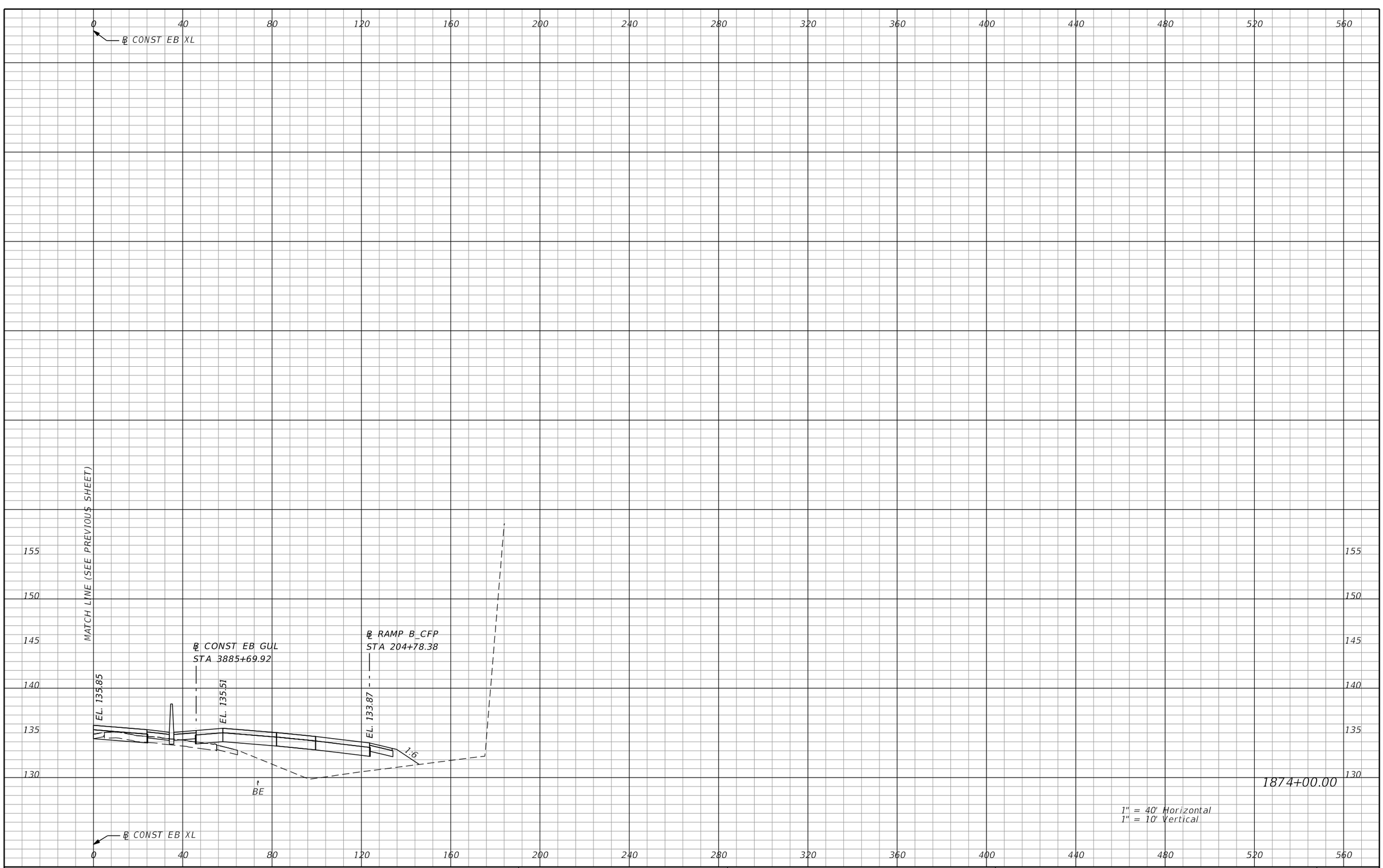

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 816

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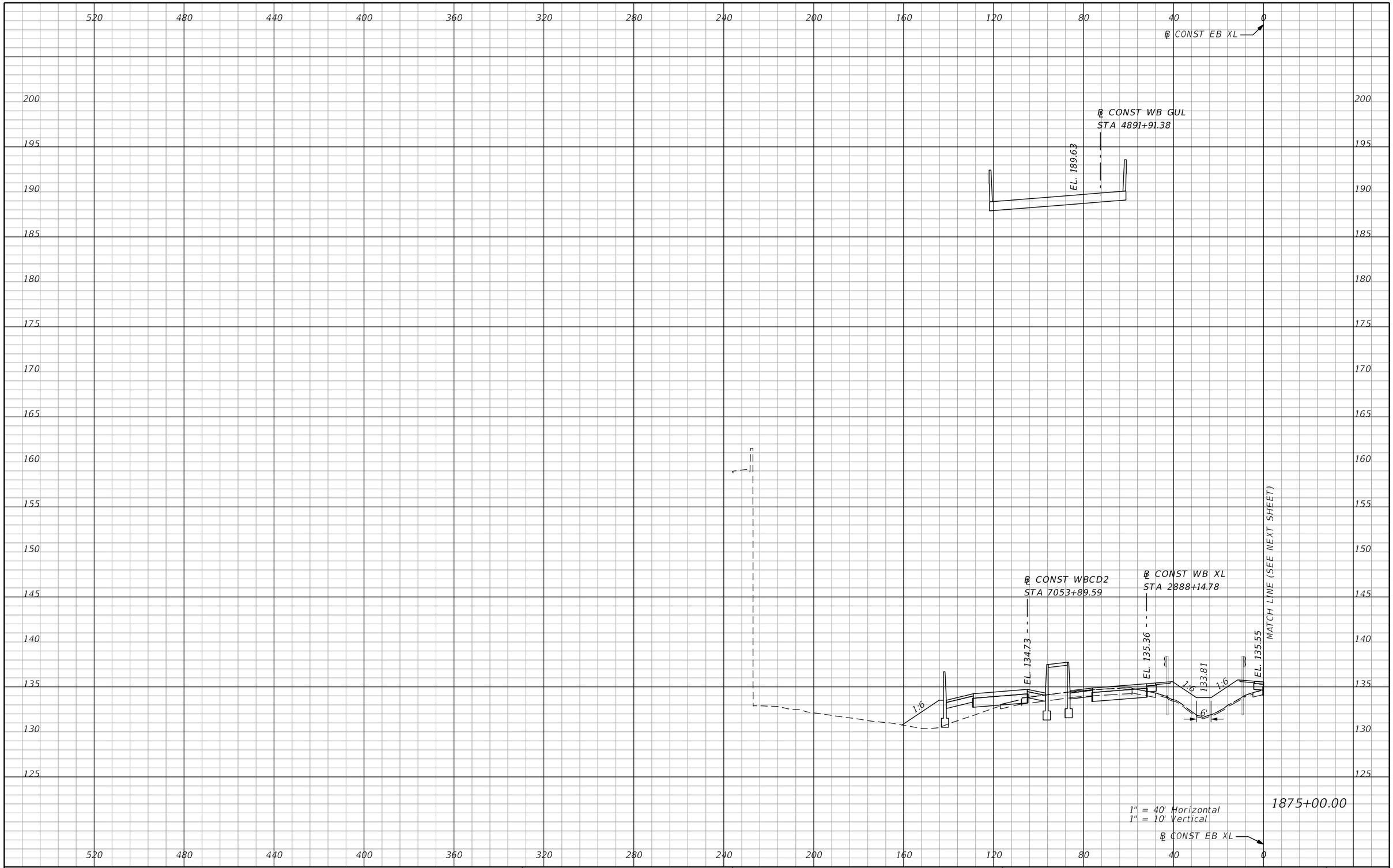

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
817

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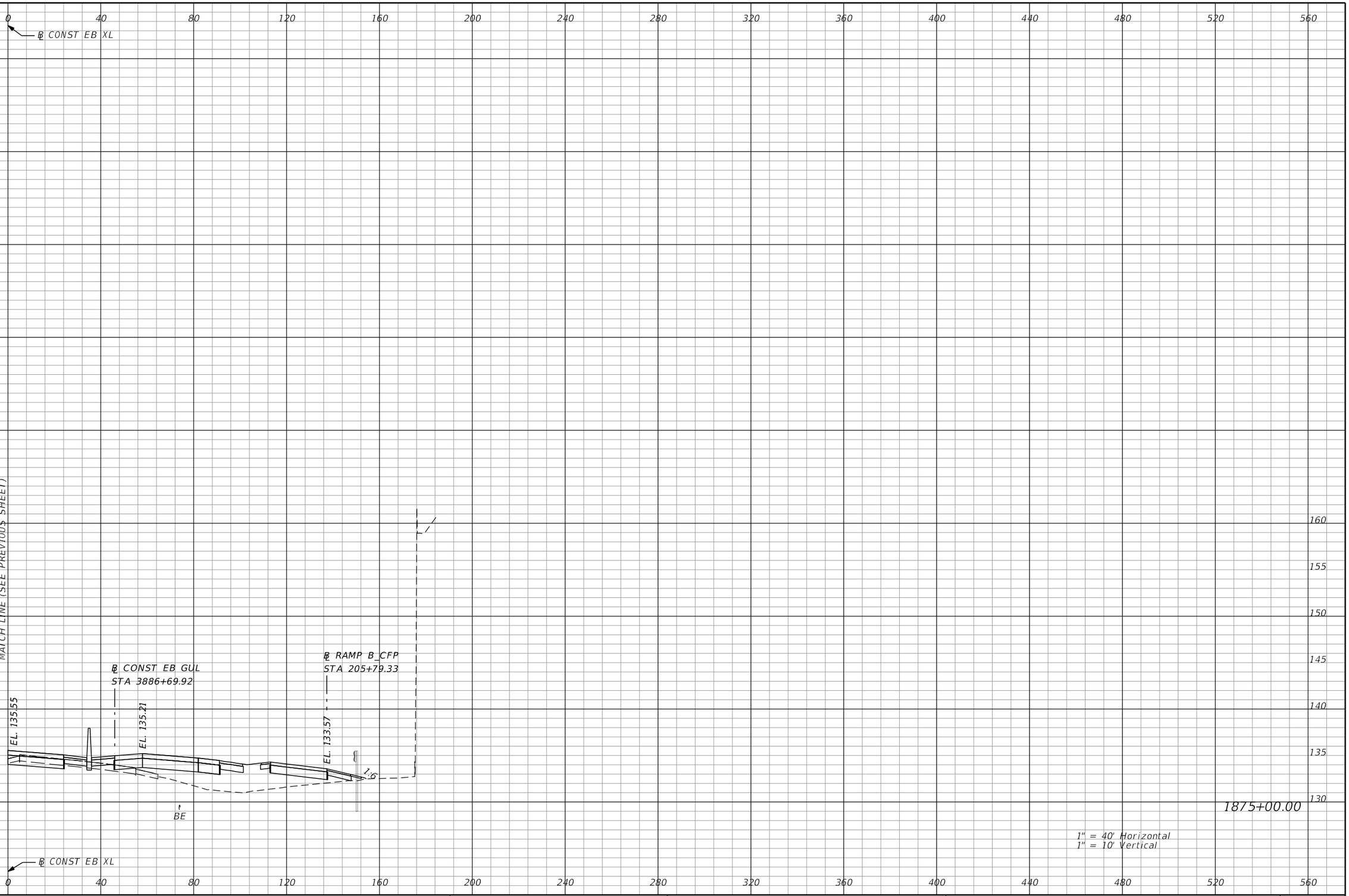

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 818

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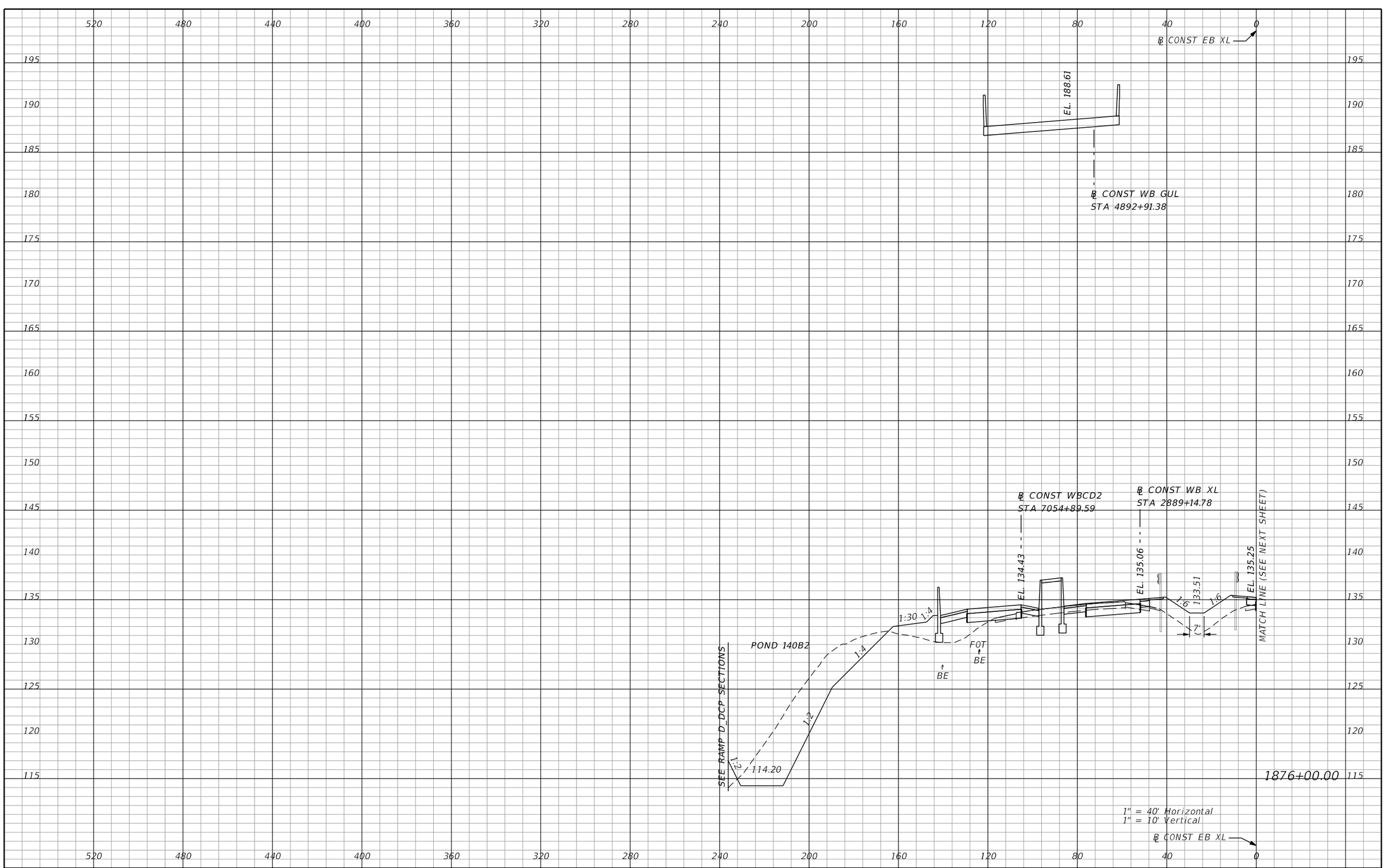

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 819

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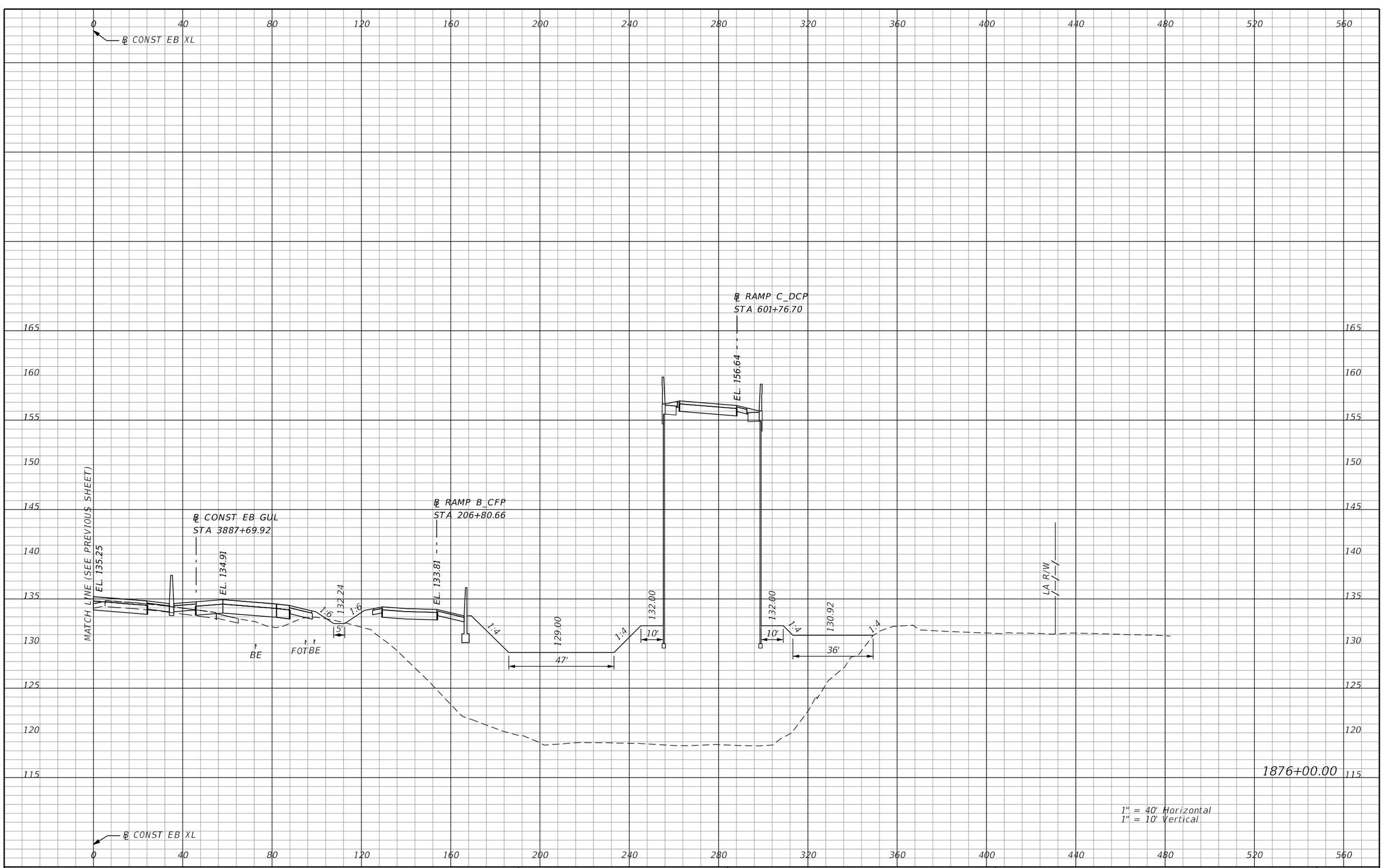

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 820

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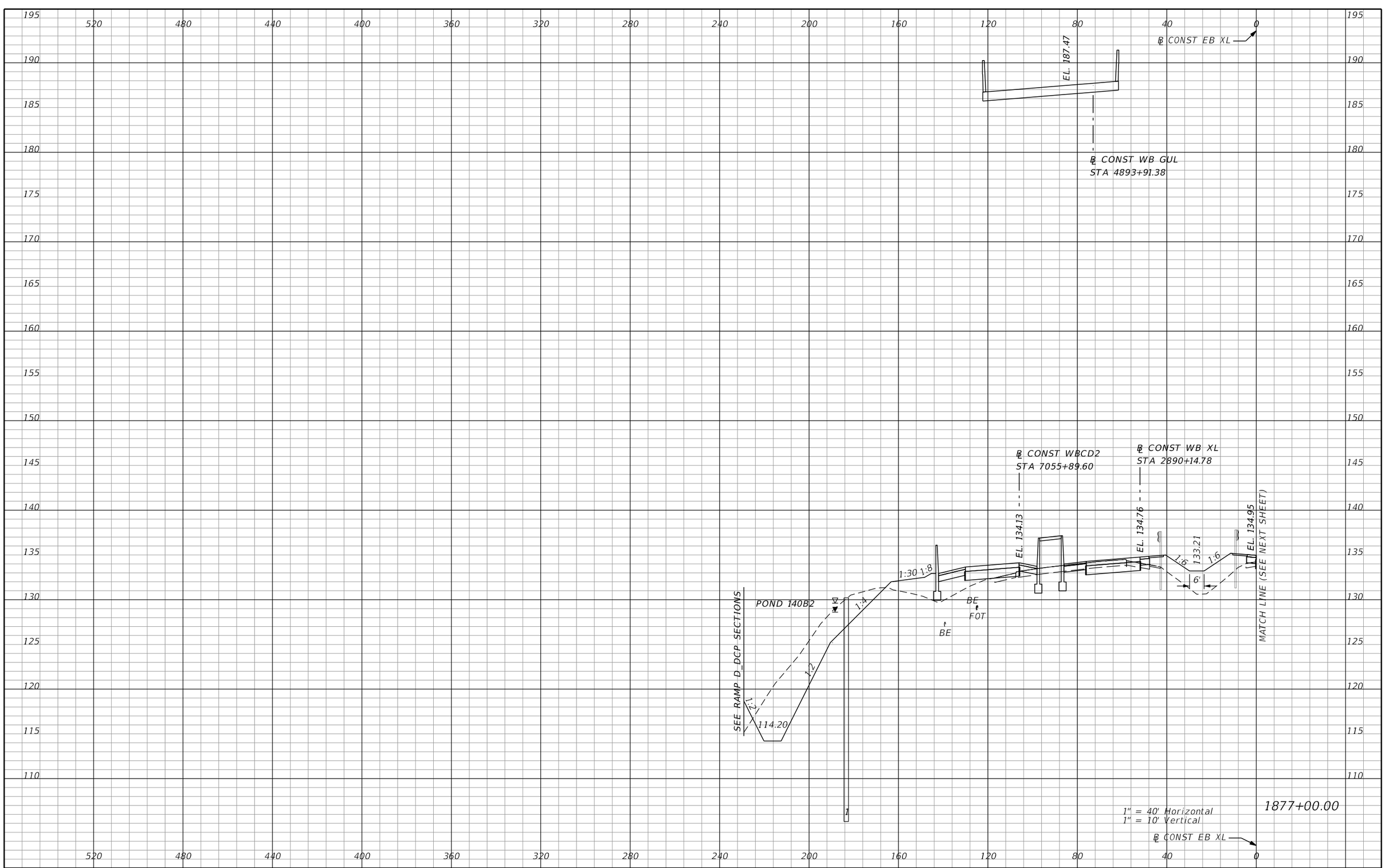

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SR 400	ORANGE	242484-8-52-01

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CROSS SECTIONS

SHEET NO. 821

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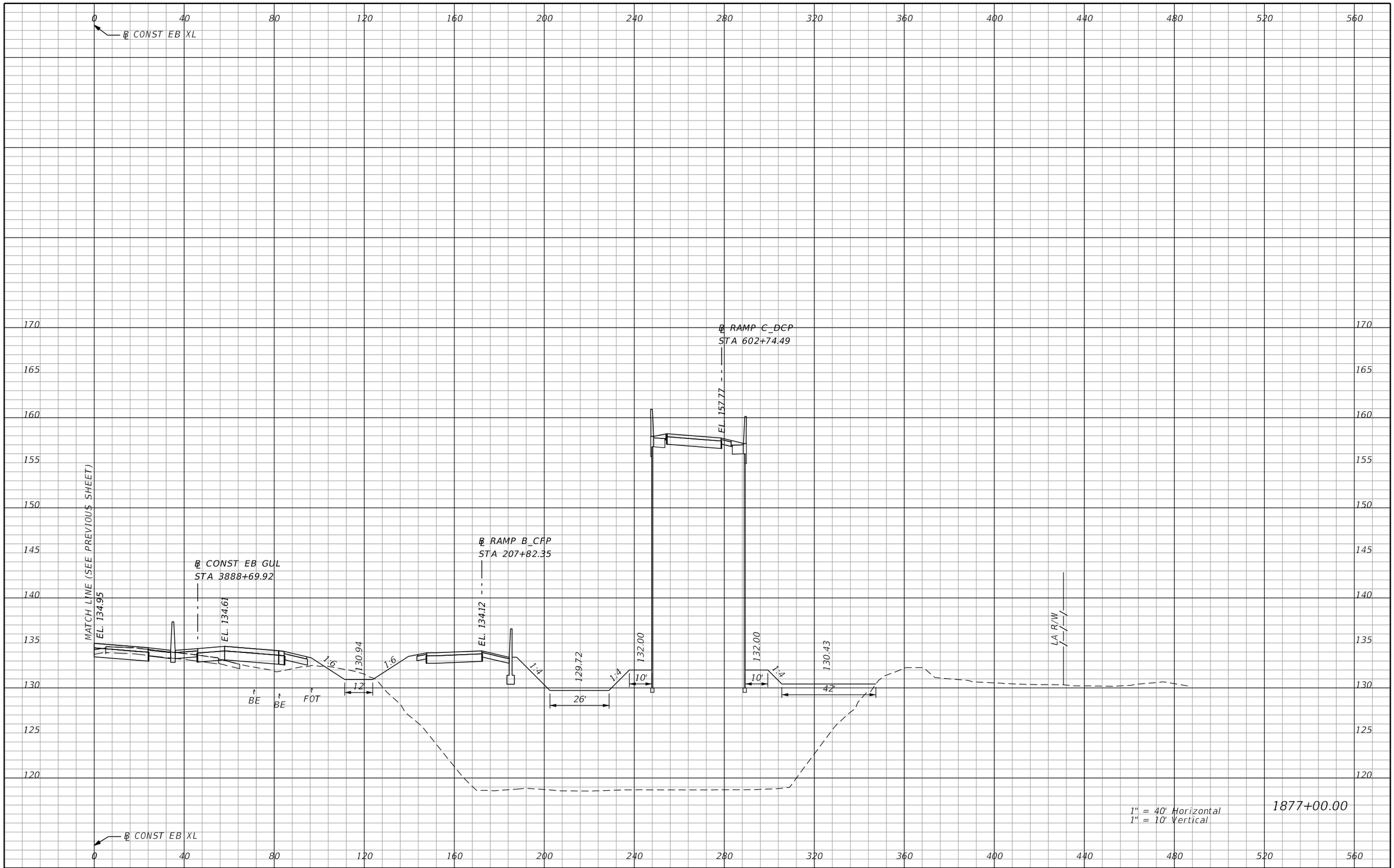

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SR 400	ORANGE	242484-8-52-01

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CROSS SECTIONS

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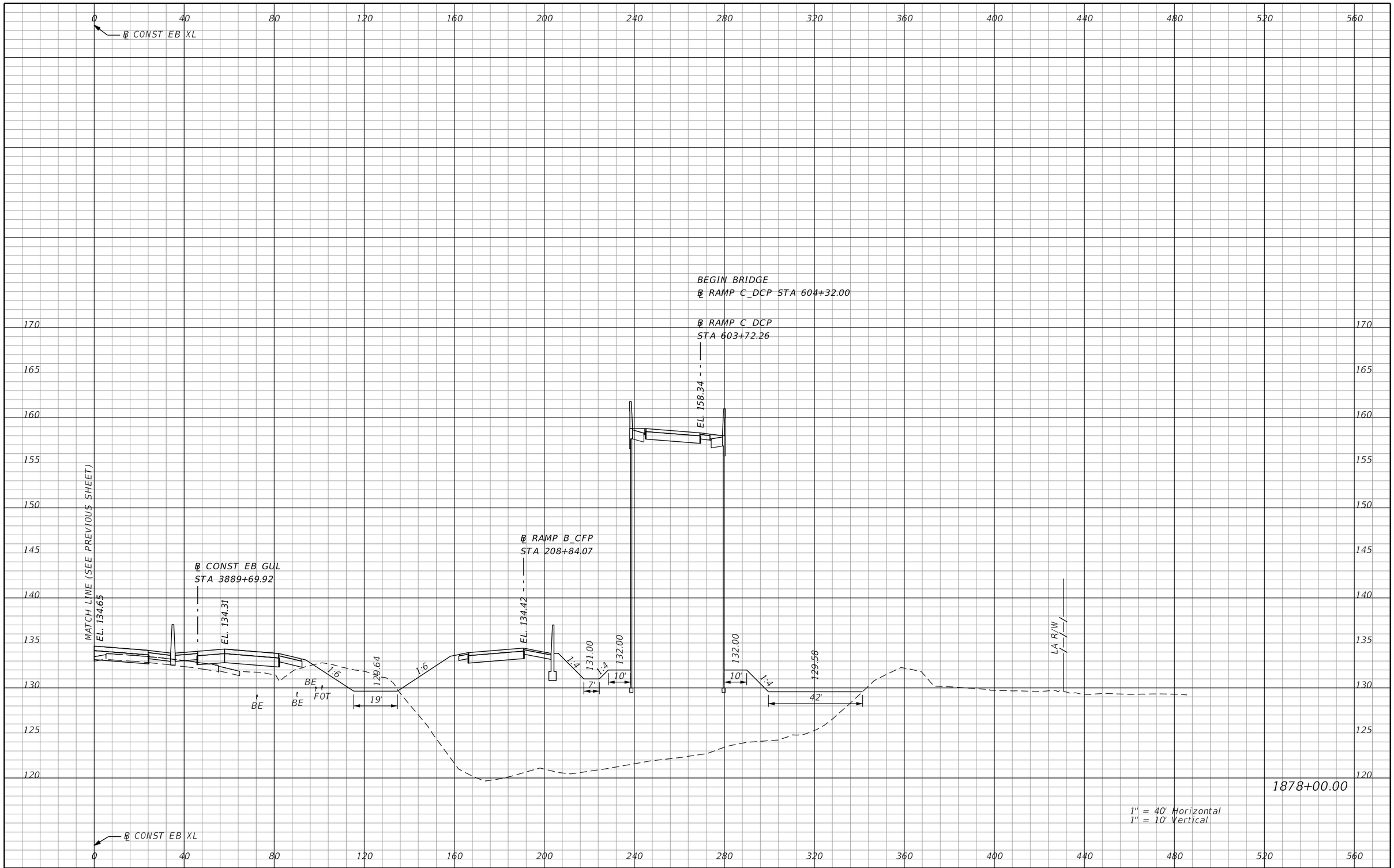

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SR 400	ORANGE	242484-8-52-01

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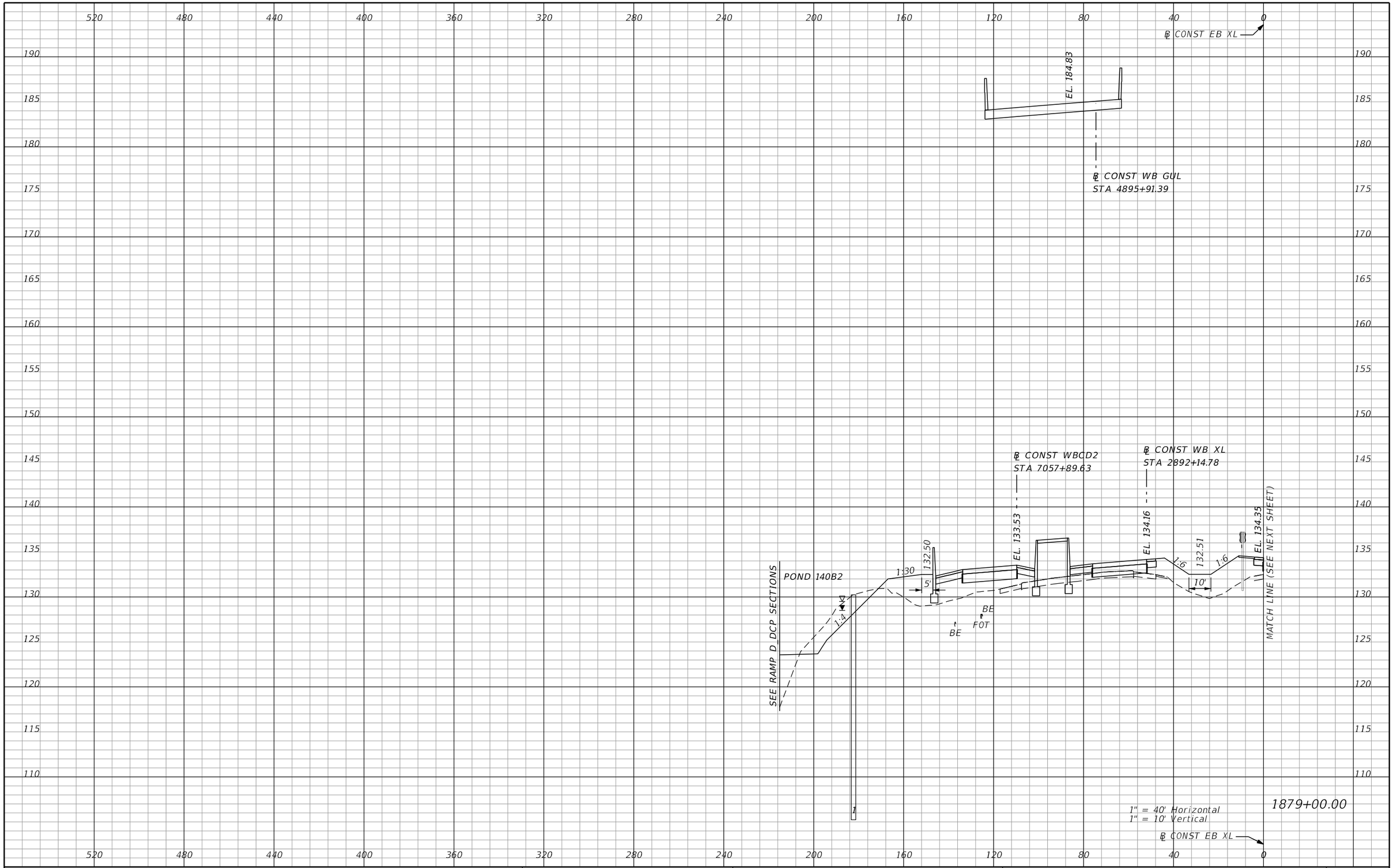
CROSS SECTIONS

SHEET NO. 824

PRELIMINARY: NOT FOR CONSTRUCTION



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 825

PRELIMINARY: NOT FOR CONSTRUCTION

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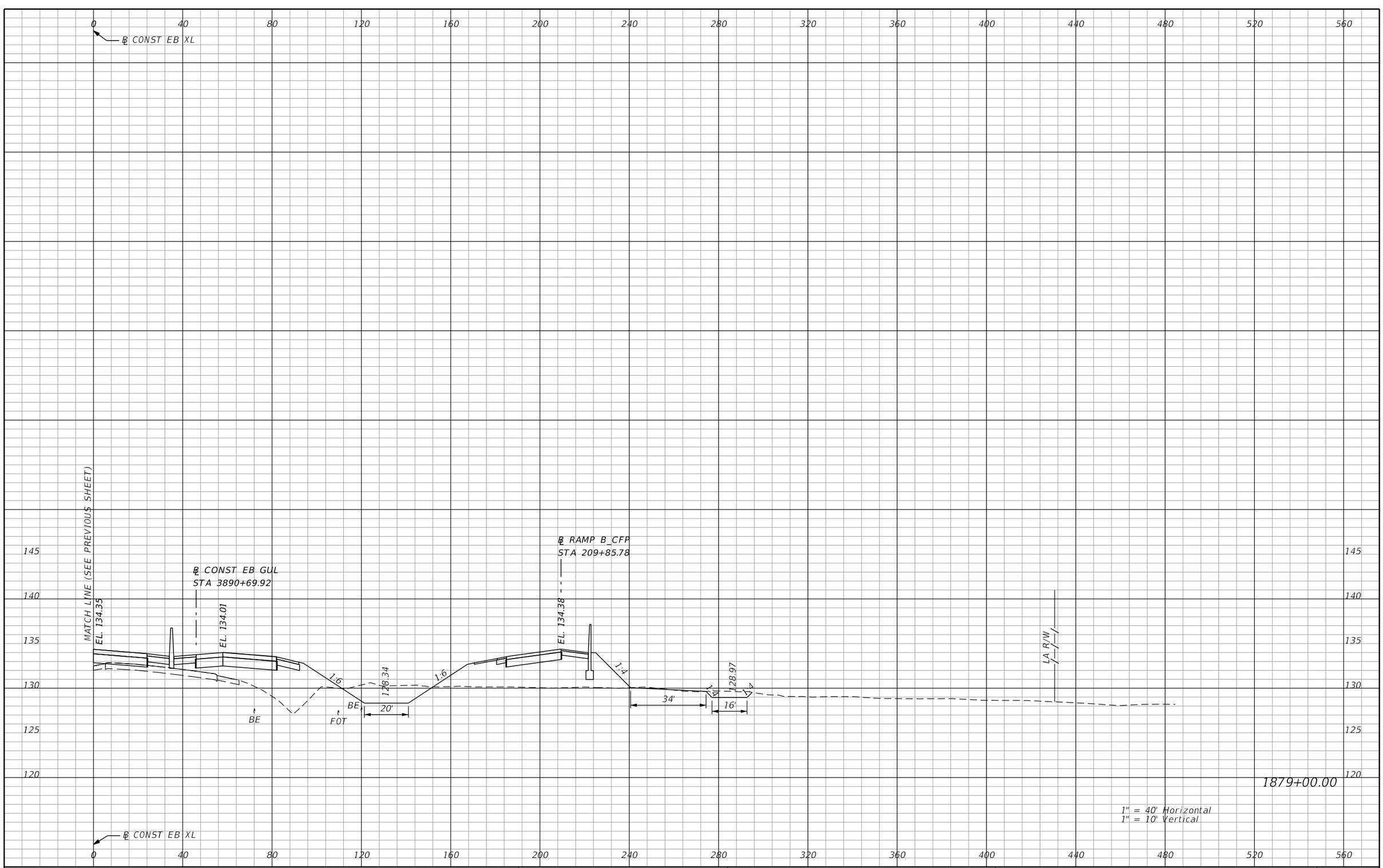

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 826

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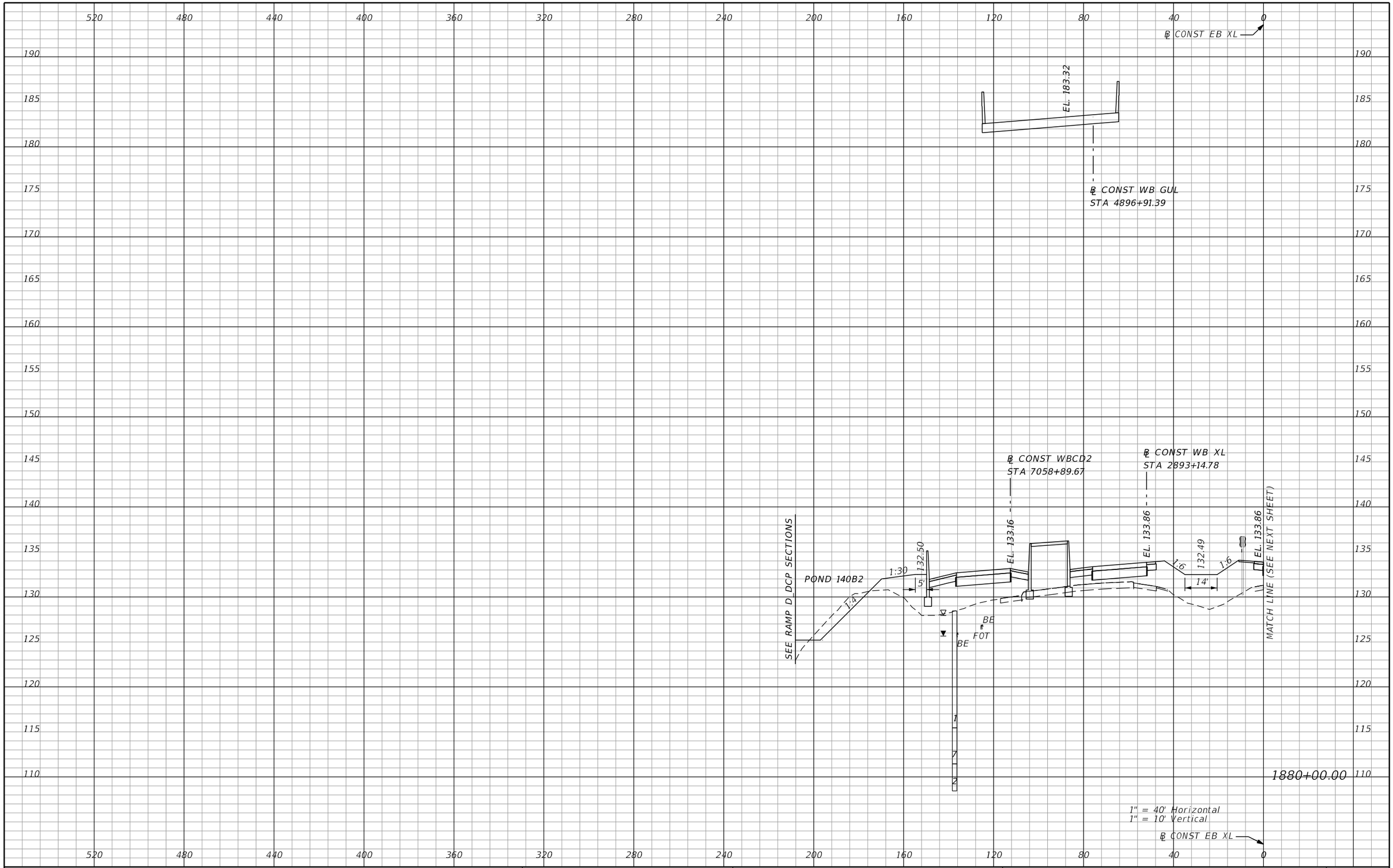

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 827

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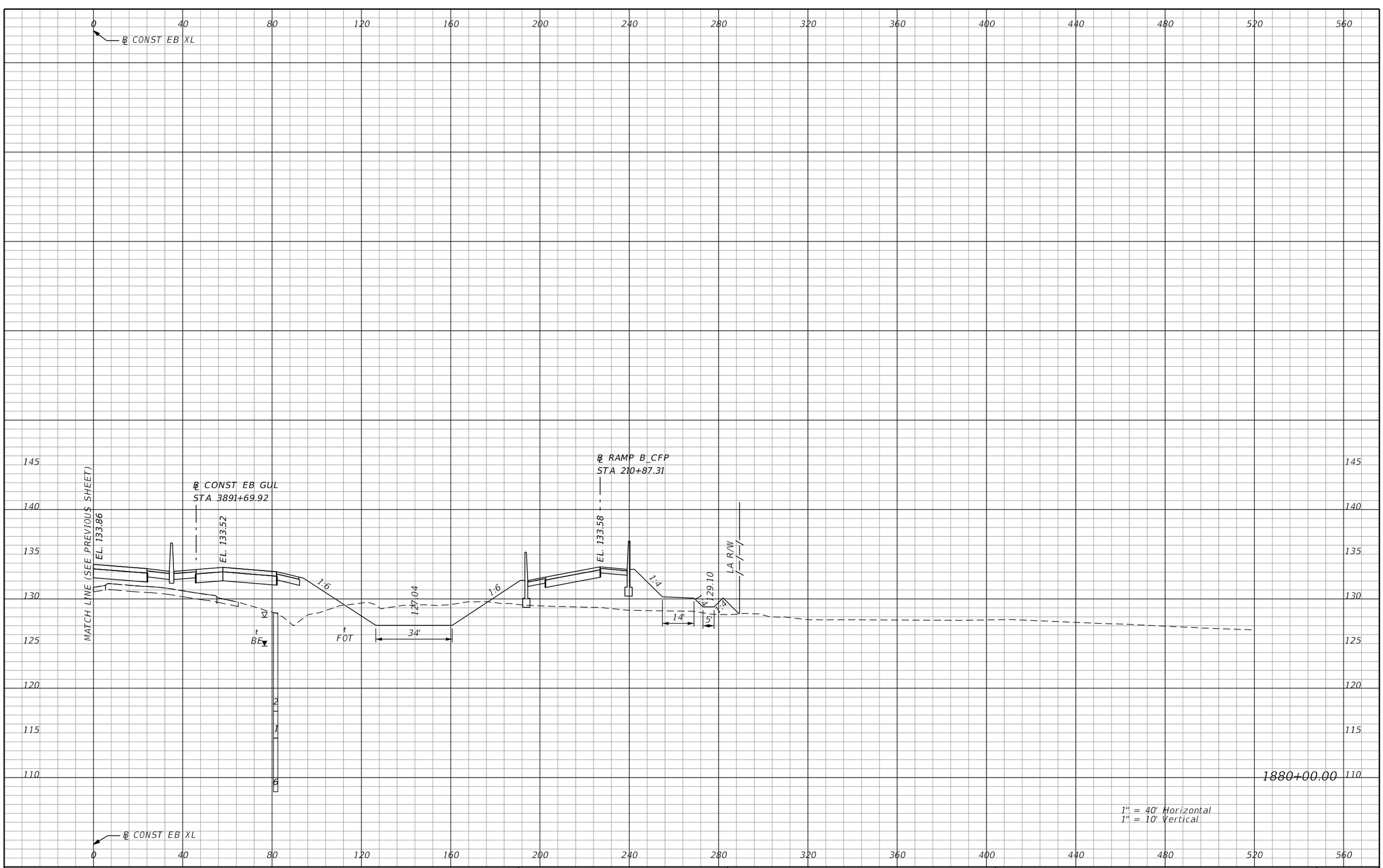

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 828

PRELIMINARY: NOT FOR CONSTRUCTION

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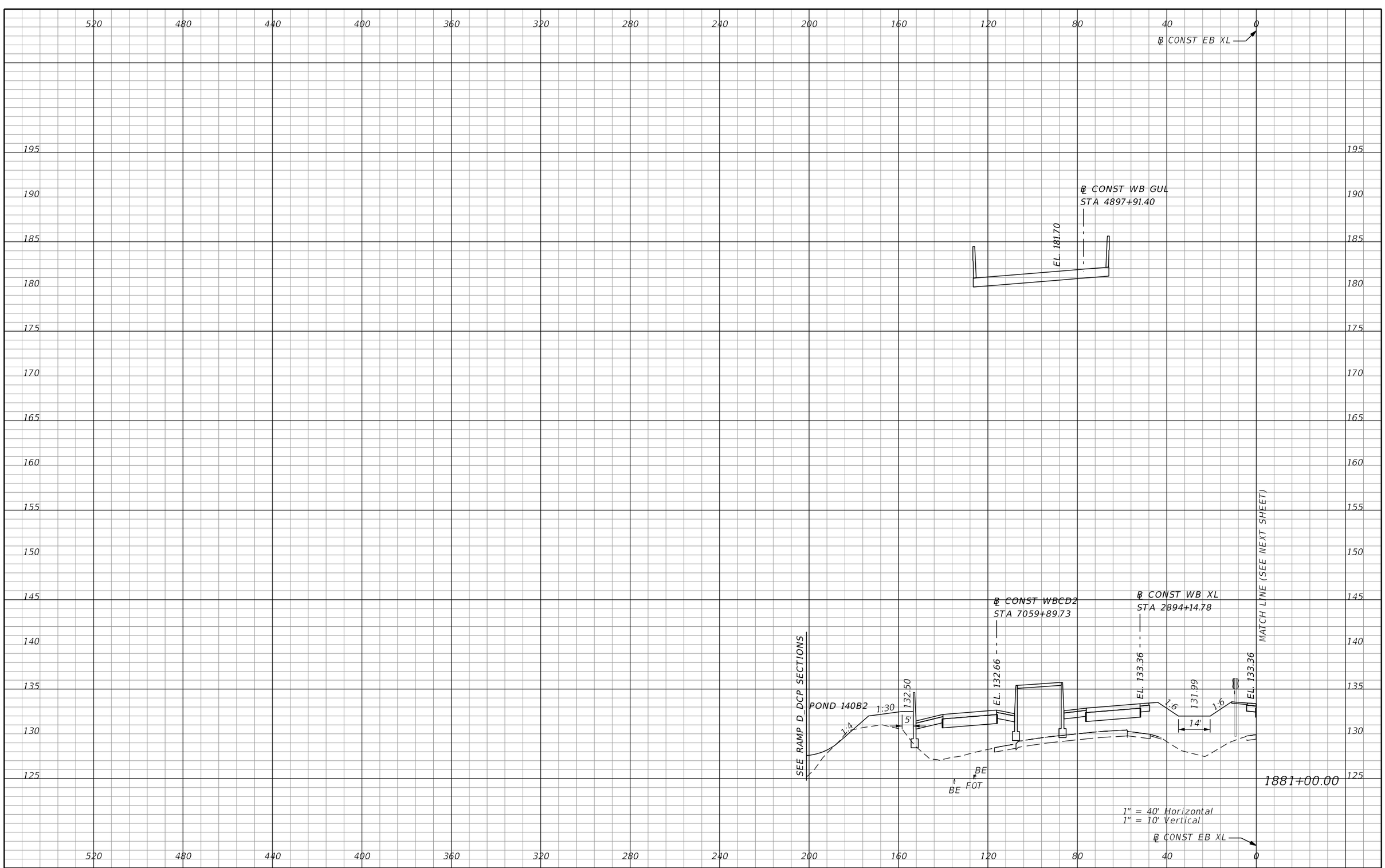

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 829

PRELIMINARY: NOT FOR CONSTRUCTION

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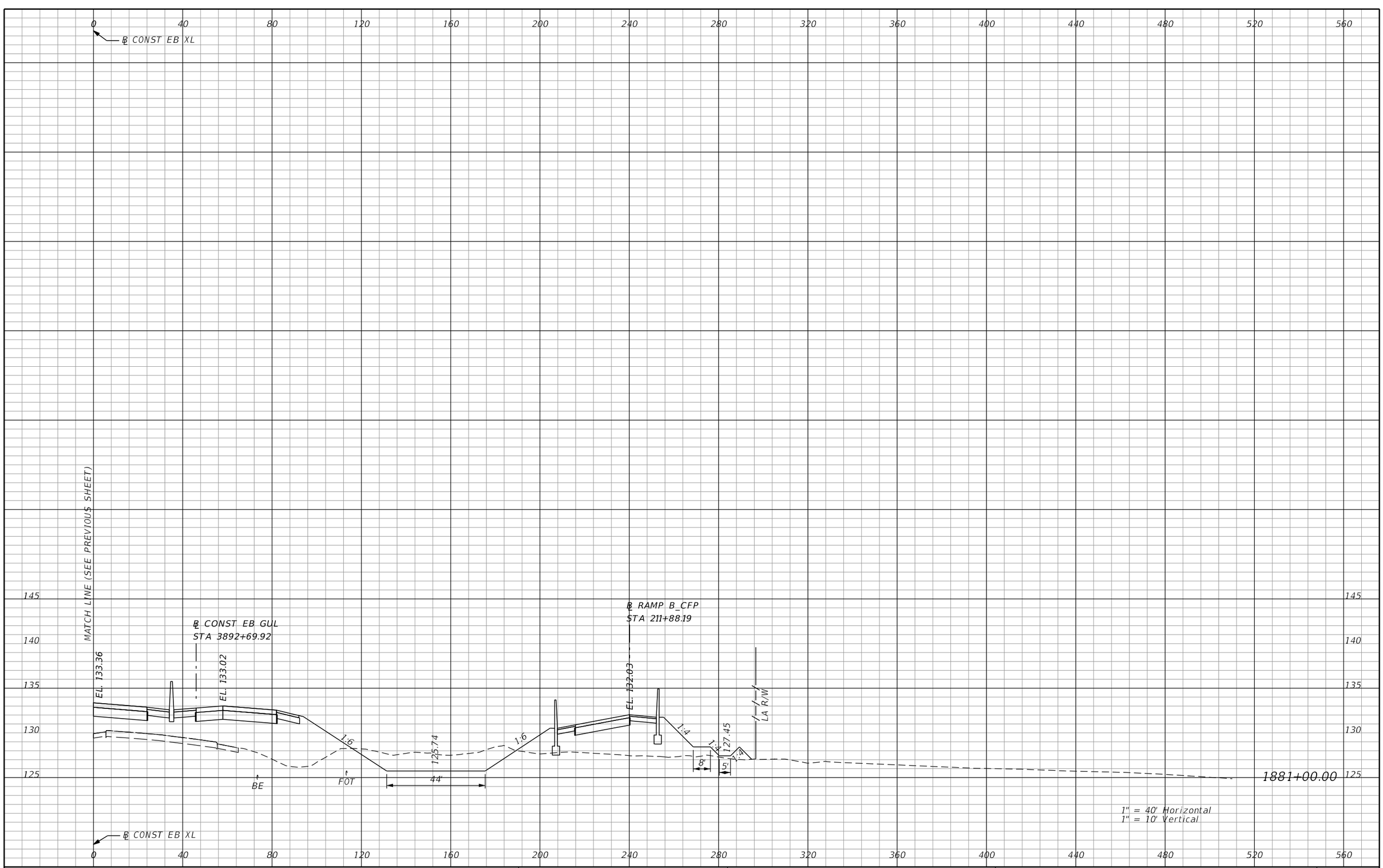

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 830

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℄ CONST EB XL

℄ CONST WB GUL
STA 4898+91.42

EL. 180.00

℄ RAMP D_DCP
STA 707+91.41

EL. 136.83

LA R/W

POND 140B3

℄ CONST WBCD2
STA 7060+91.78

EL. 132.15

℄ CONST WB XL
STA 2895+14.78

EL. 132.86

131.49

EL. 132.86

MATCH LINE (SEE NEXT SHEET)

BE

BE FOT

1882+00.00

1" = 40' Horizontal
1" = 10' Vertical

℄ CONST EB XL

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
831

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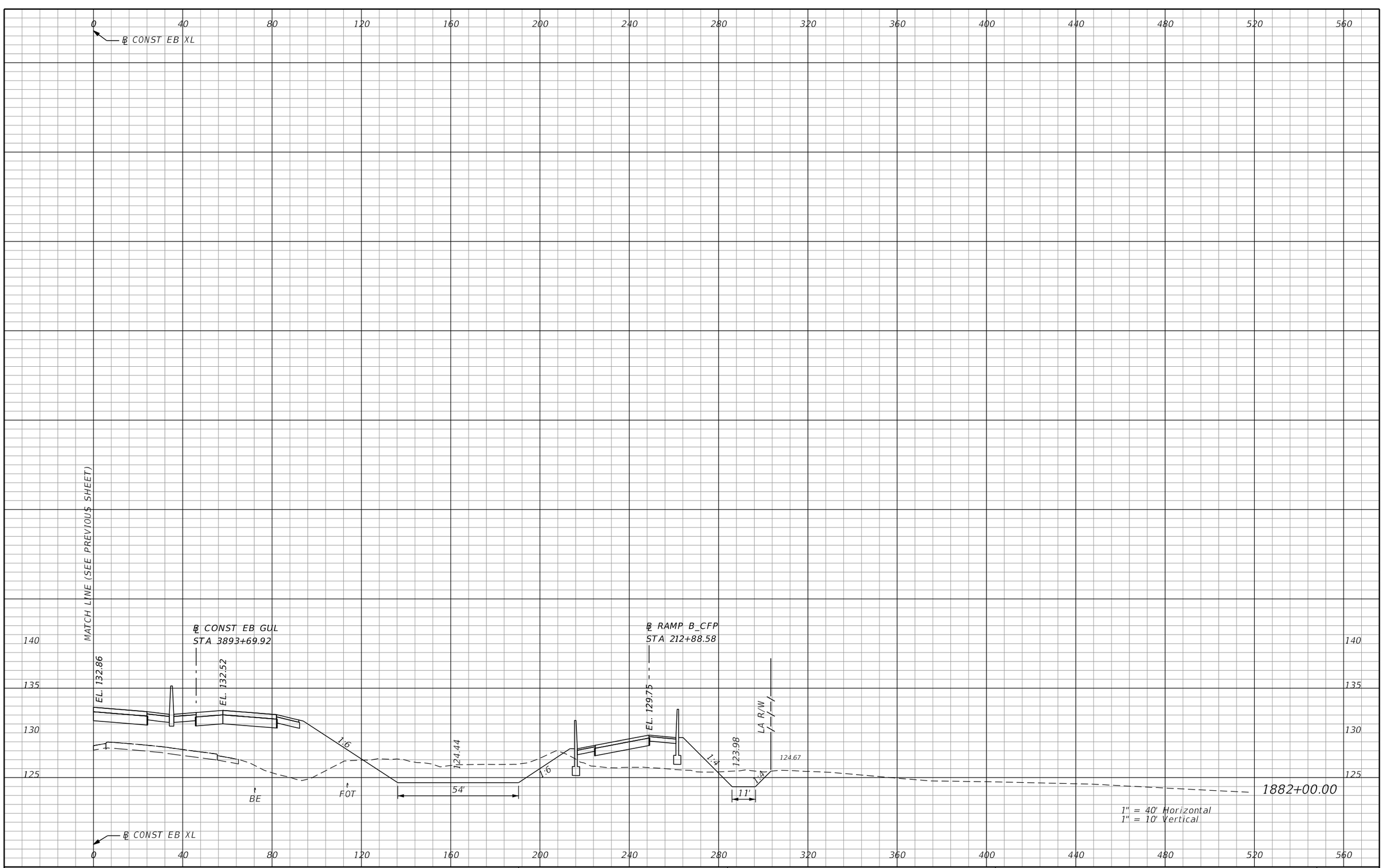

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 832

PRELIMINARY: NOT FOR CONSTRUCTION

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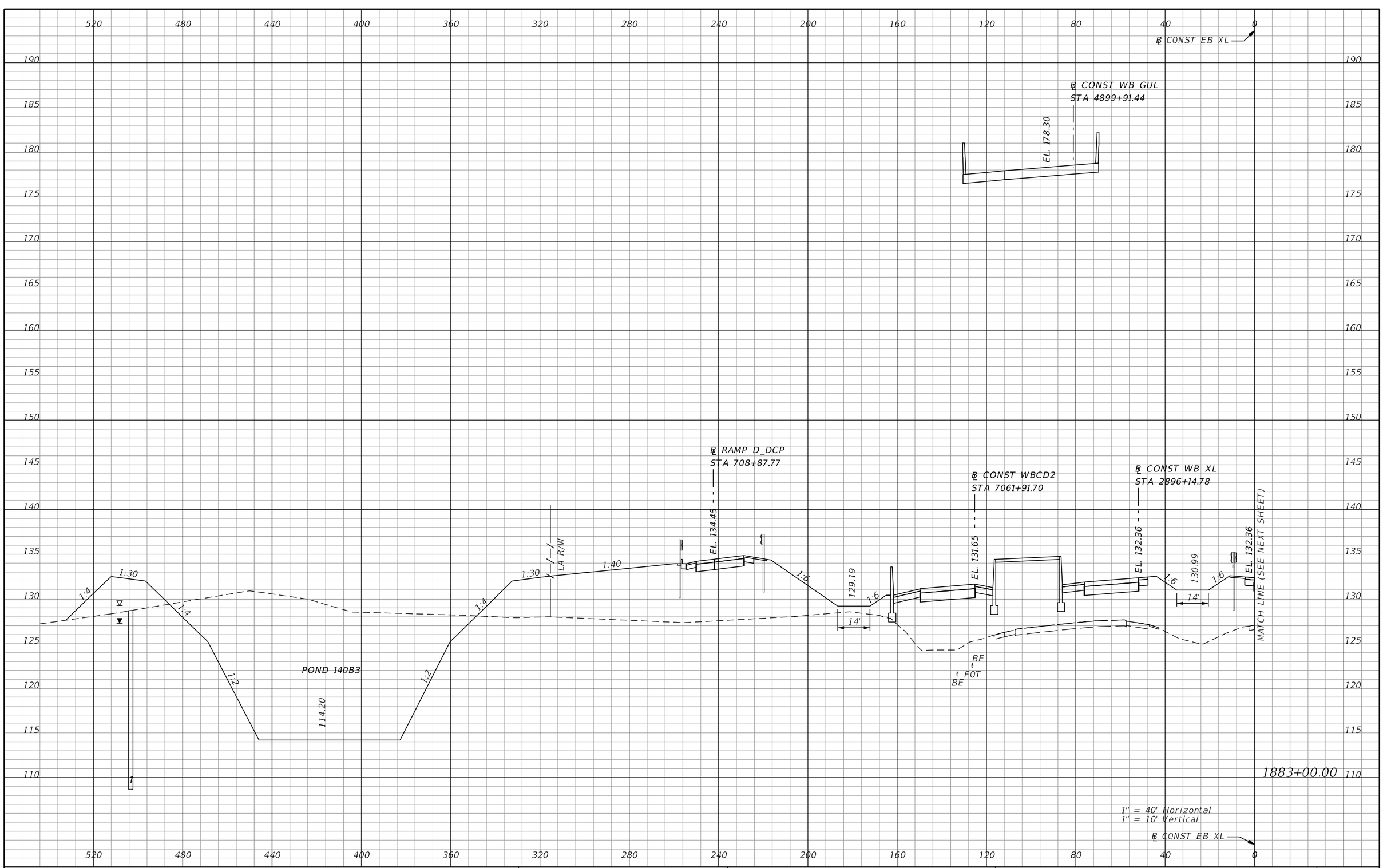

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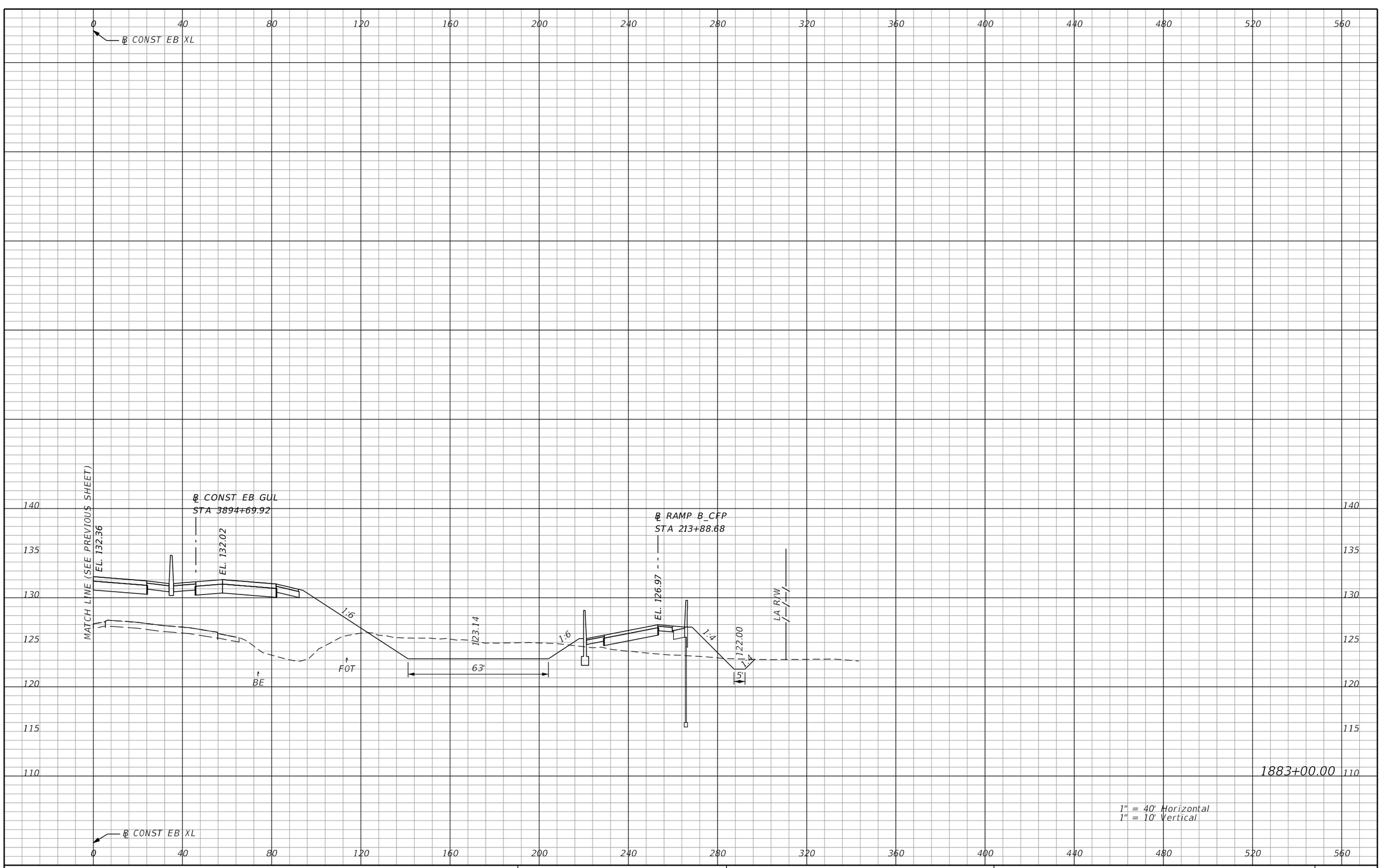
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
833



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 834

PRELIMINARY: NOT FOR CONSTRUCTION

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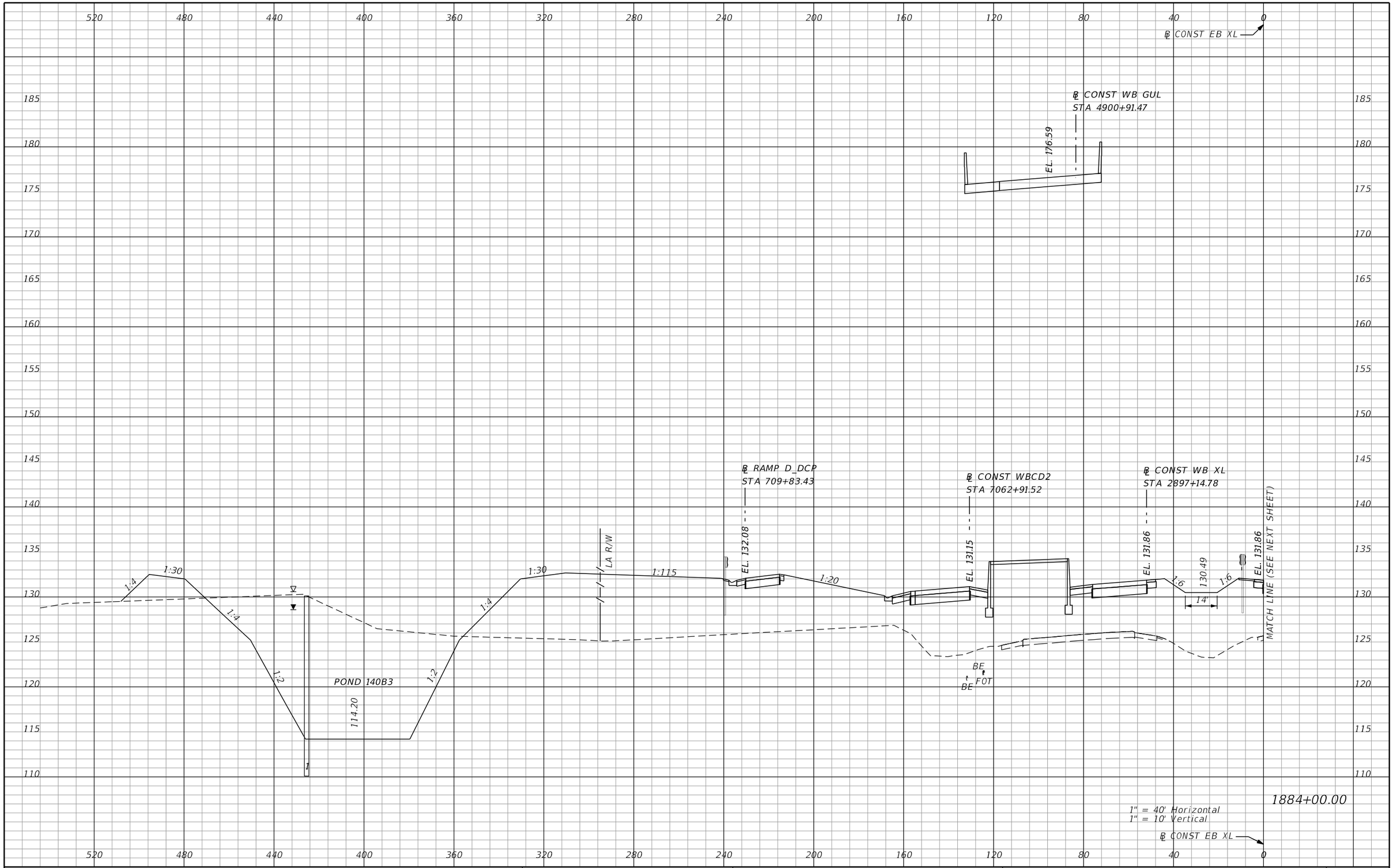

1884+00.00

1" = 40' Horizontal
1" = 10' Vertical

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
835

PRELIMINARY: NOT FOR CONSTRUCTION

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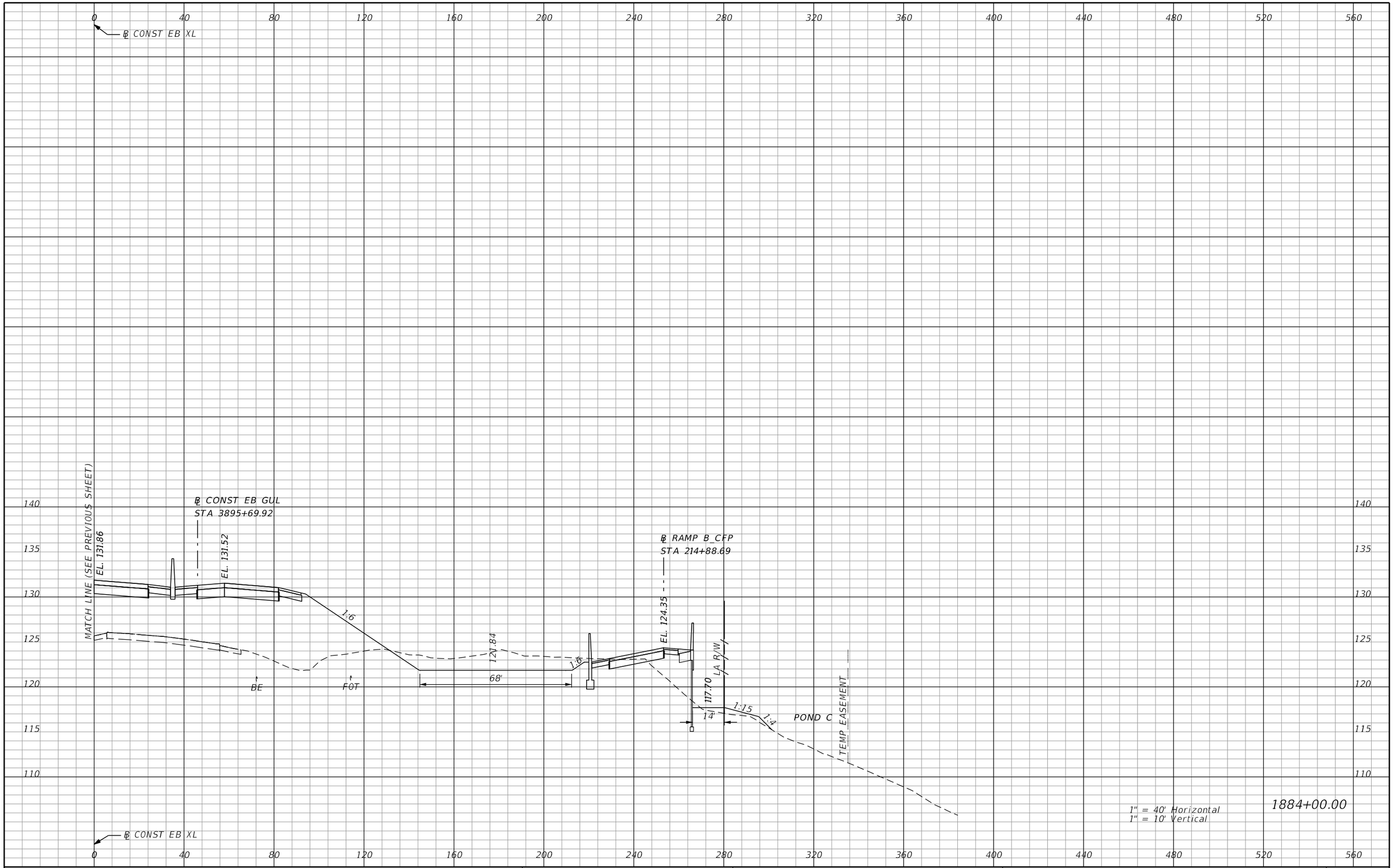

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 836

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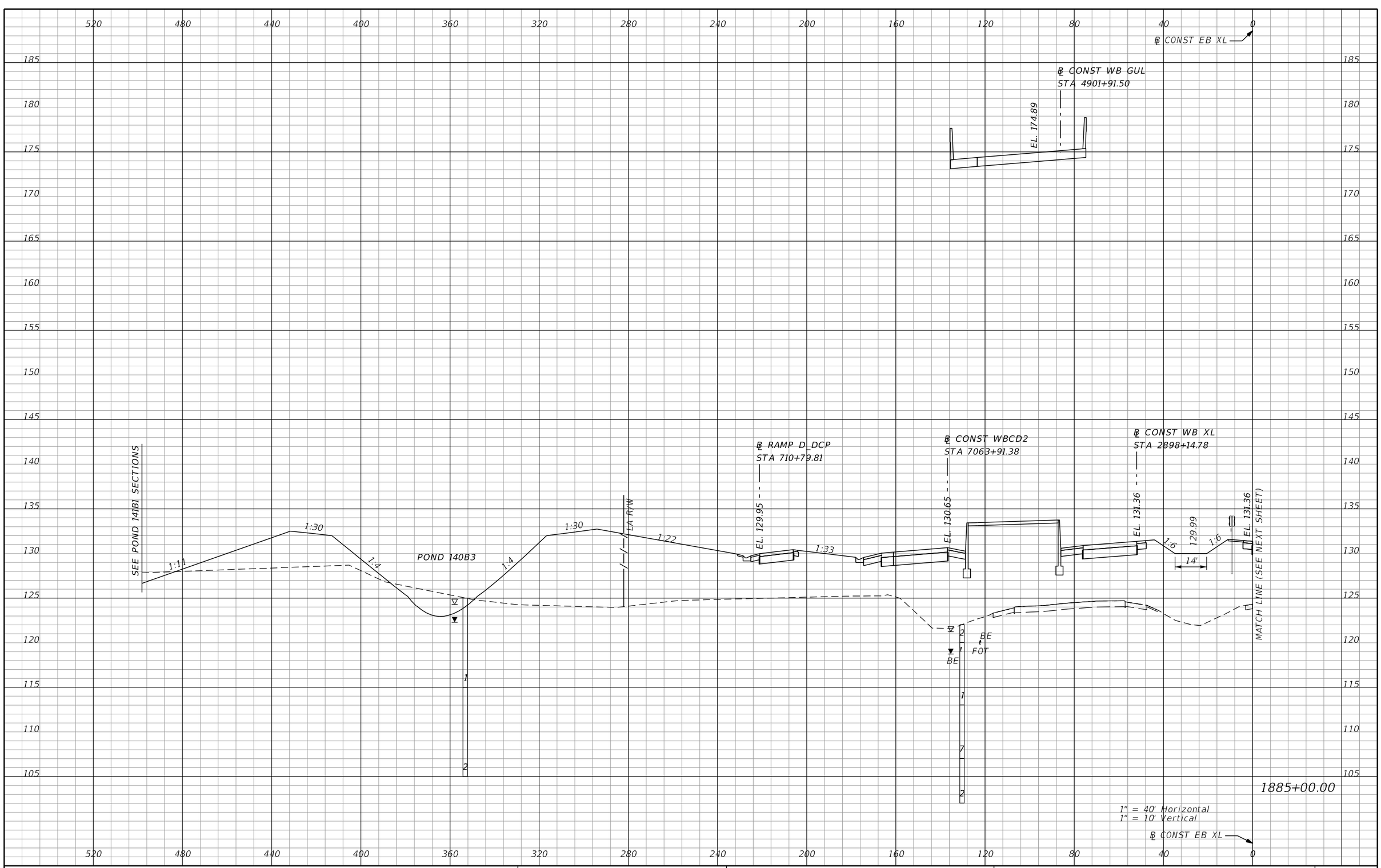

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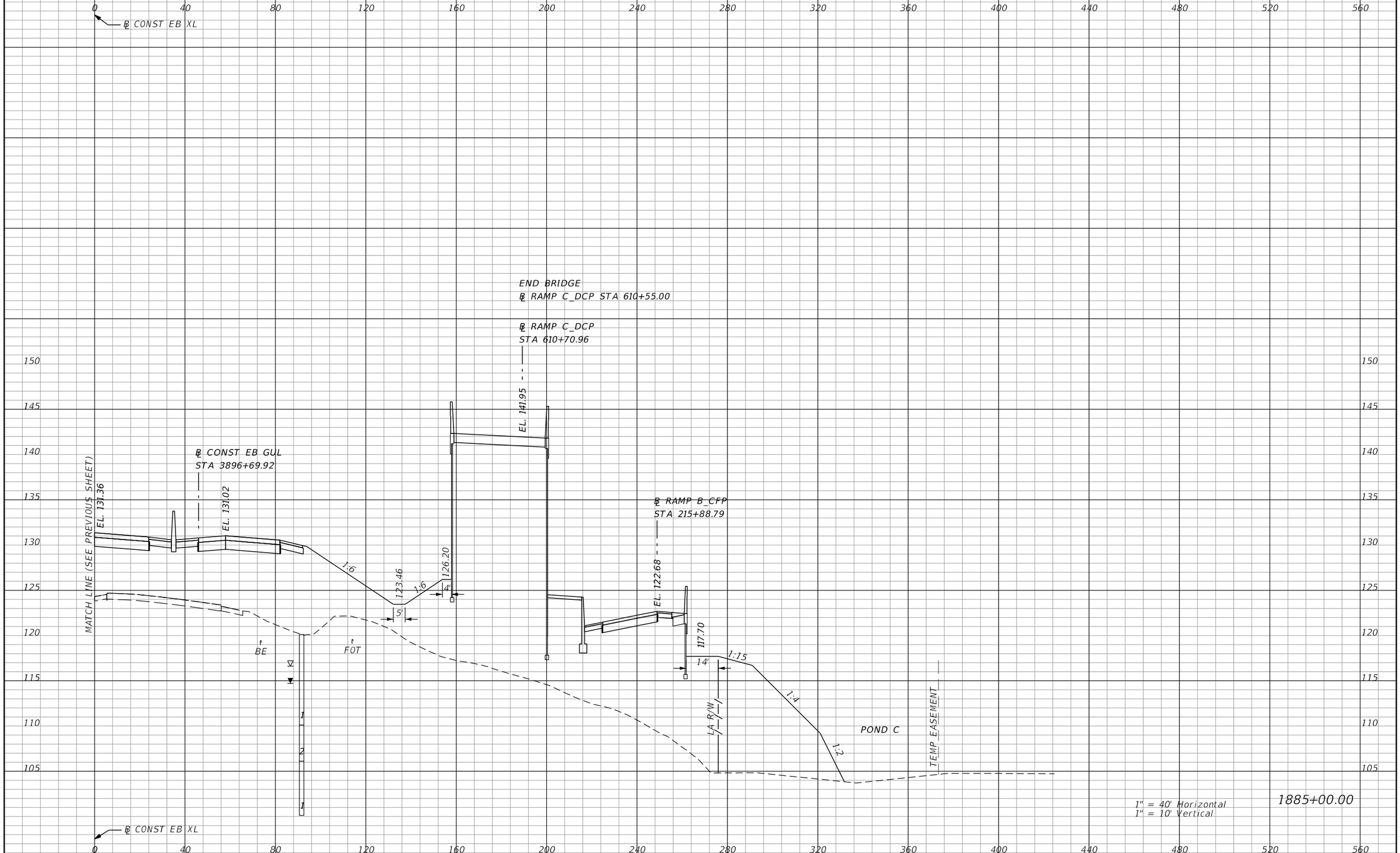
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 837

PRELIMINARY: NOT FOR CONSTRUCTION



1" = 40' Horizontal
1" = 10' Vertical

1885+00.00

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 838

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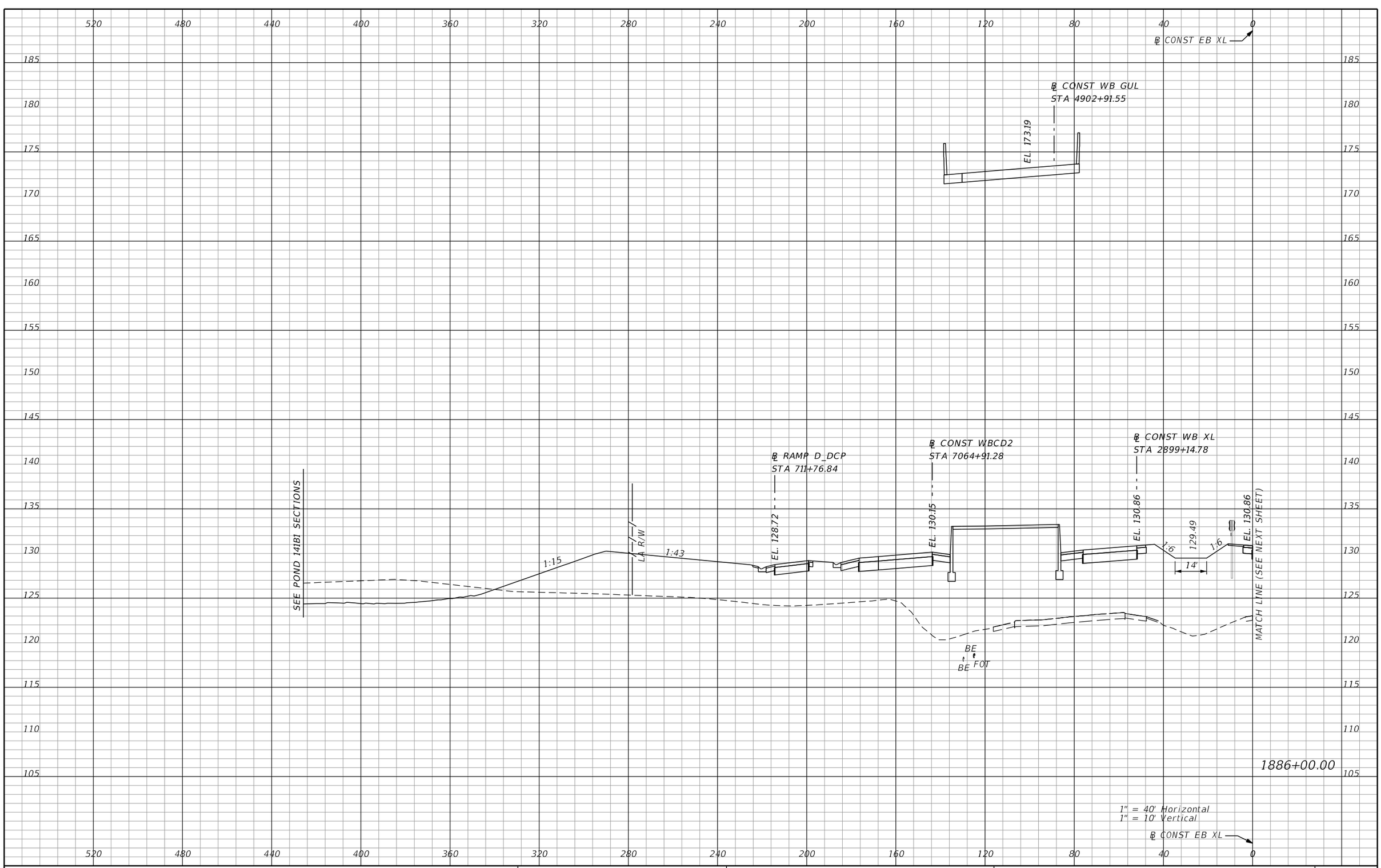

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 839

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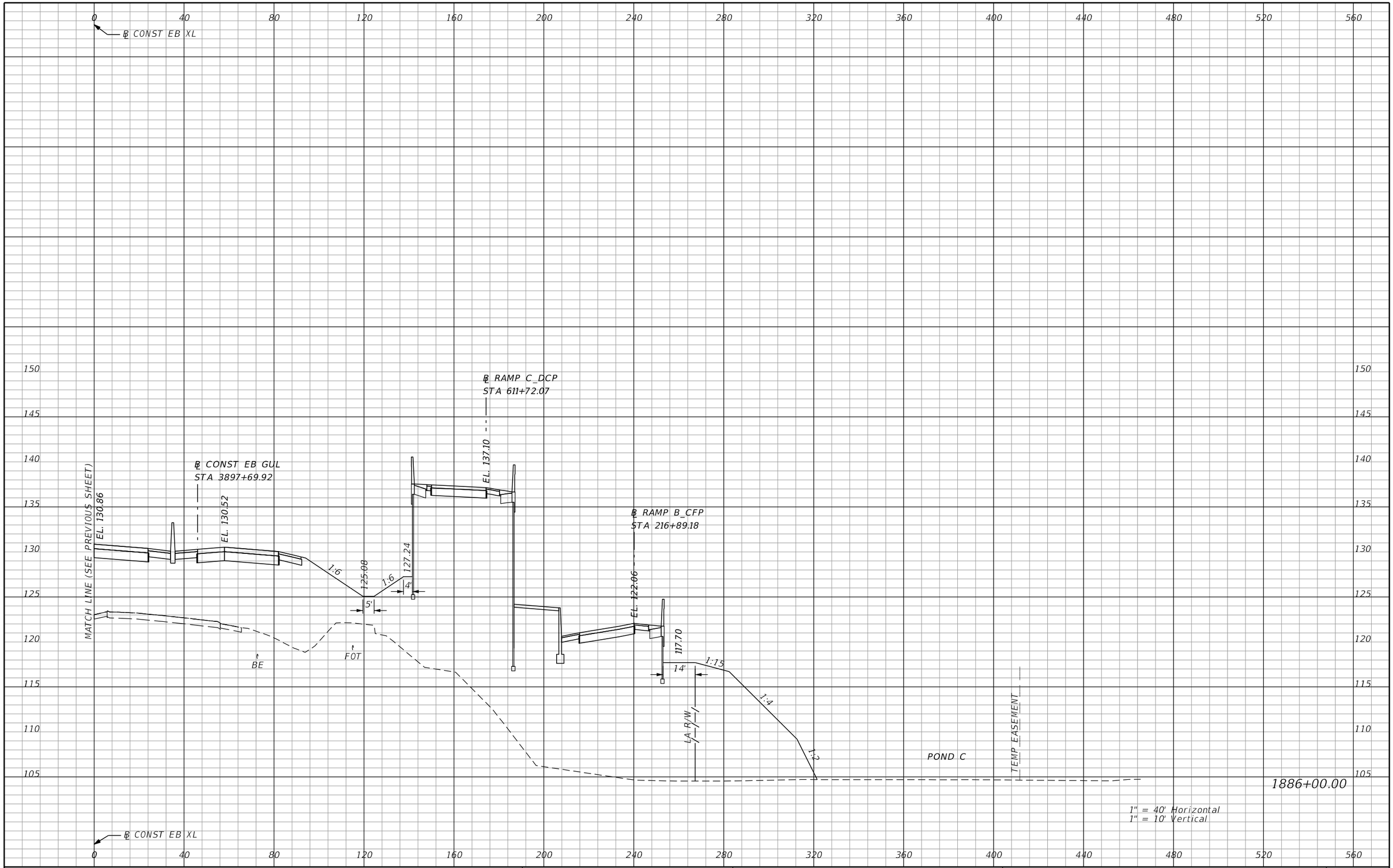

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 840

PRELIMINARY: NOT FOR CONSTRUCTION

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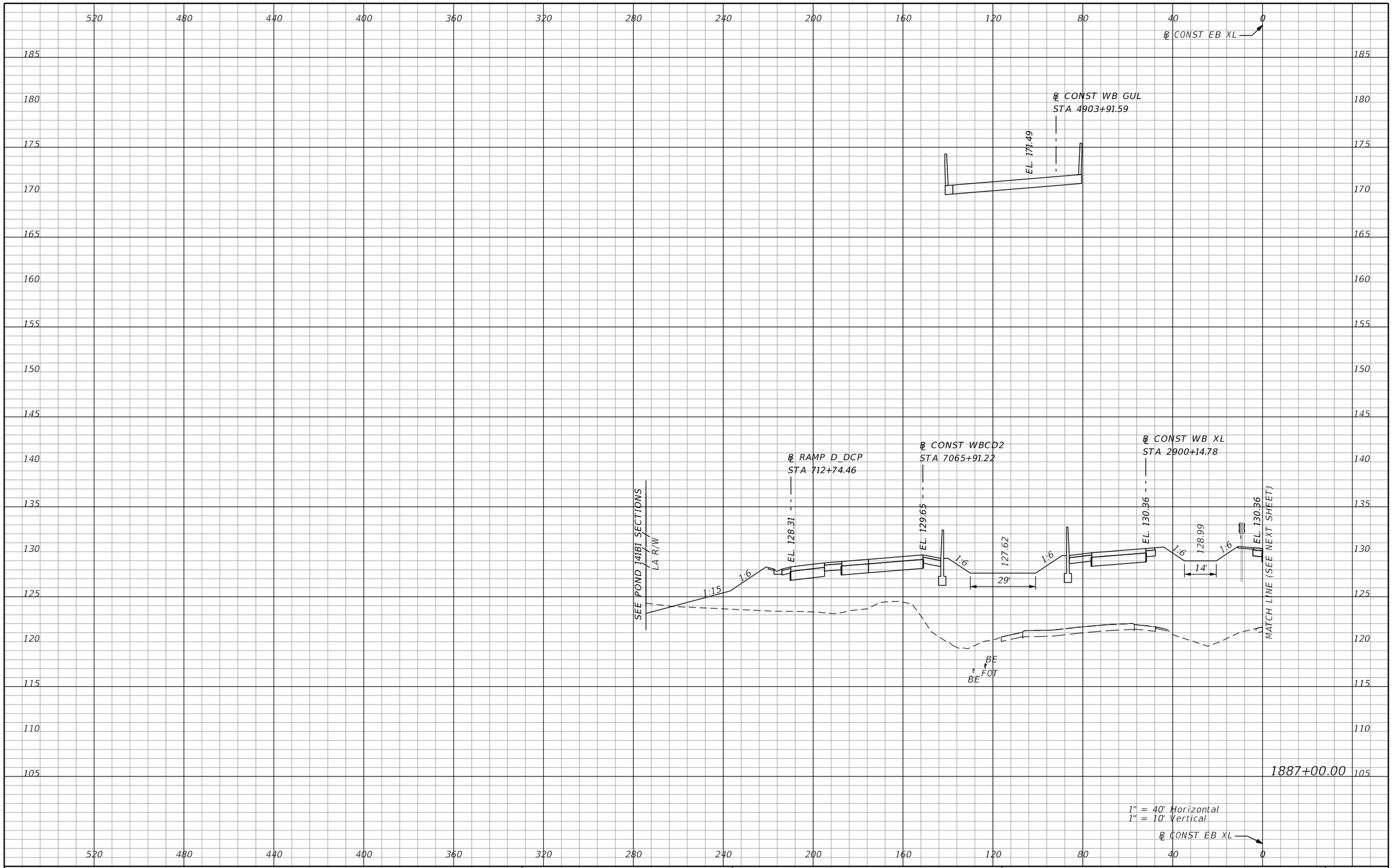

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 841

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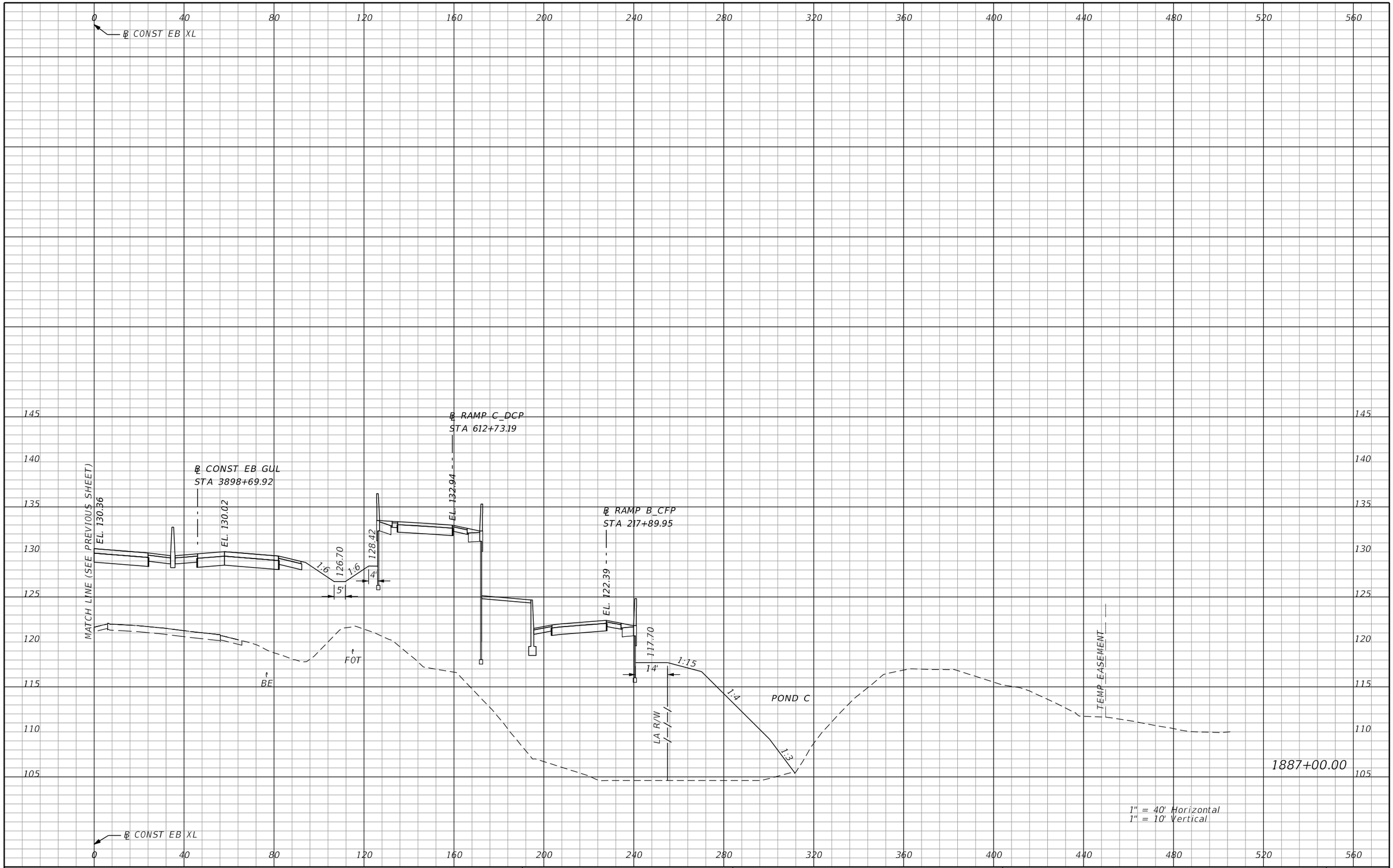

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 842

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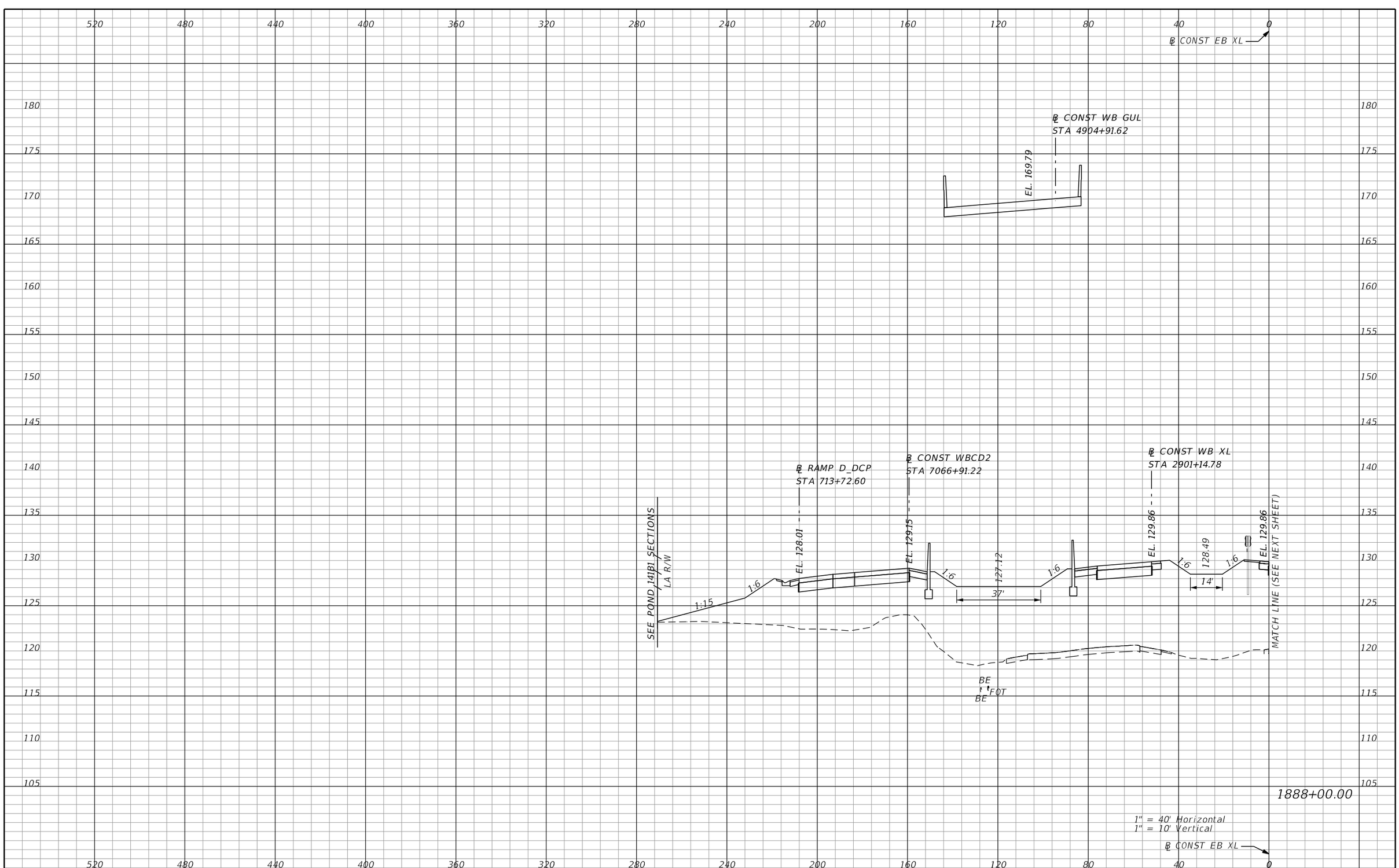

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 843

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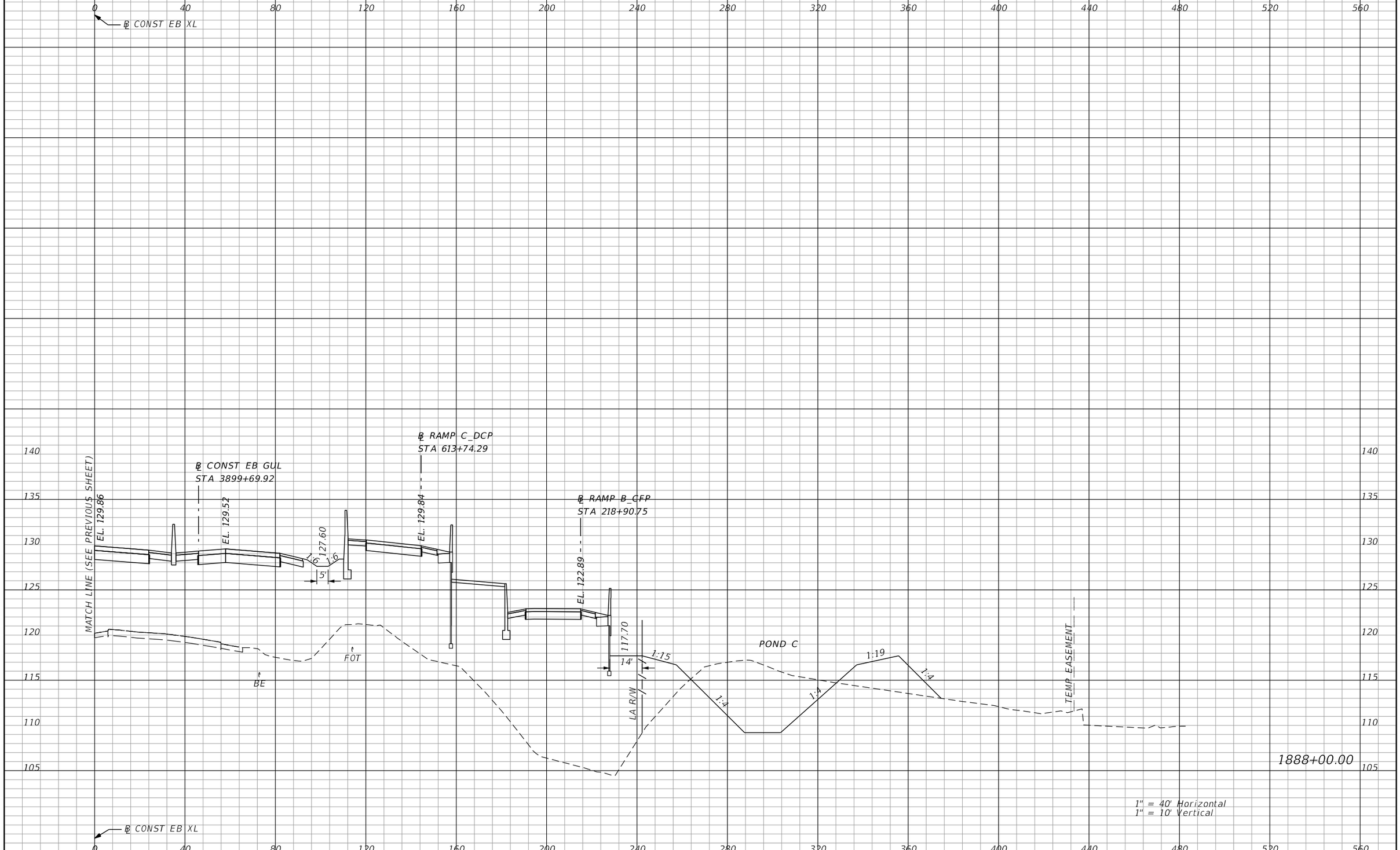

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 844

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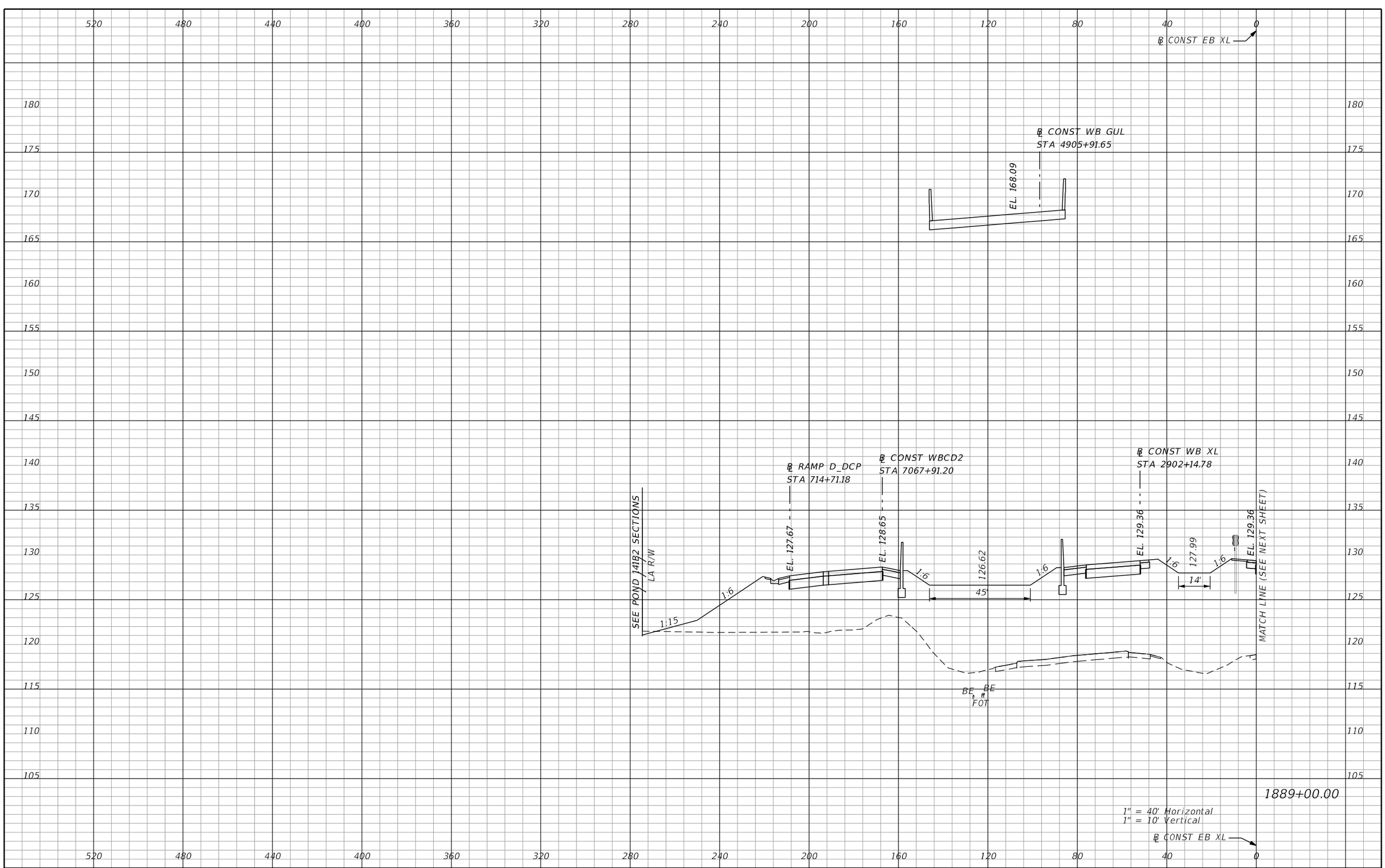

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 845

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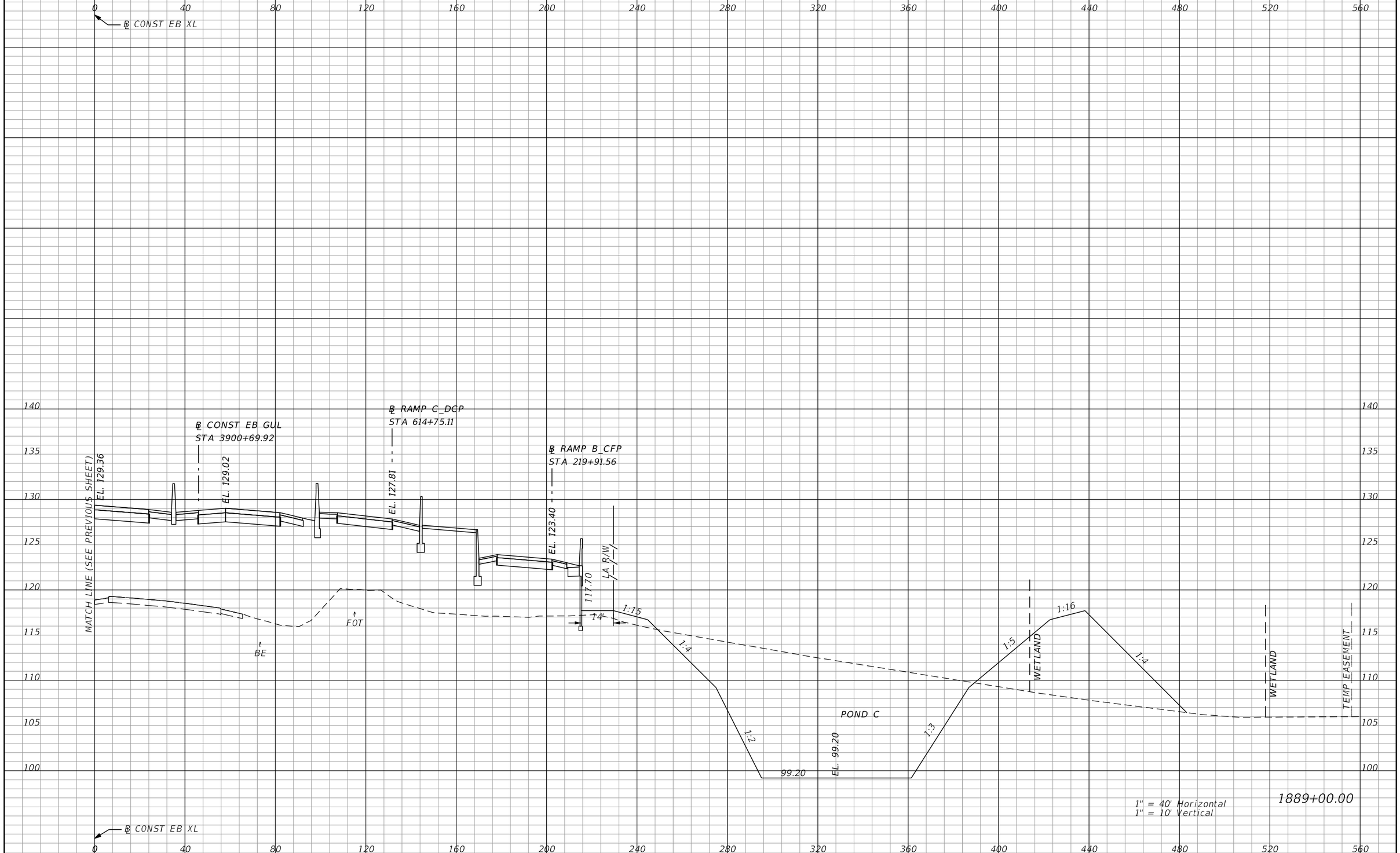

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 846

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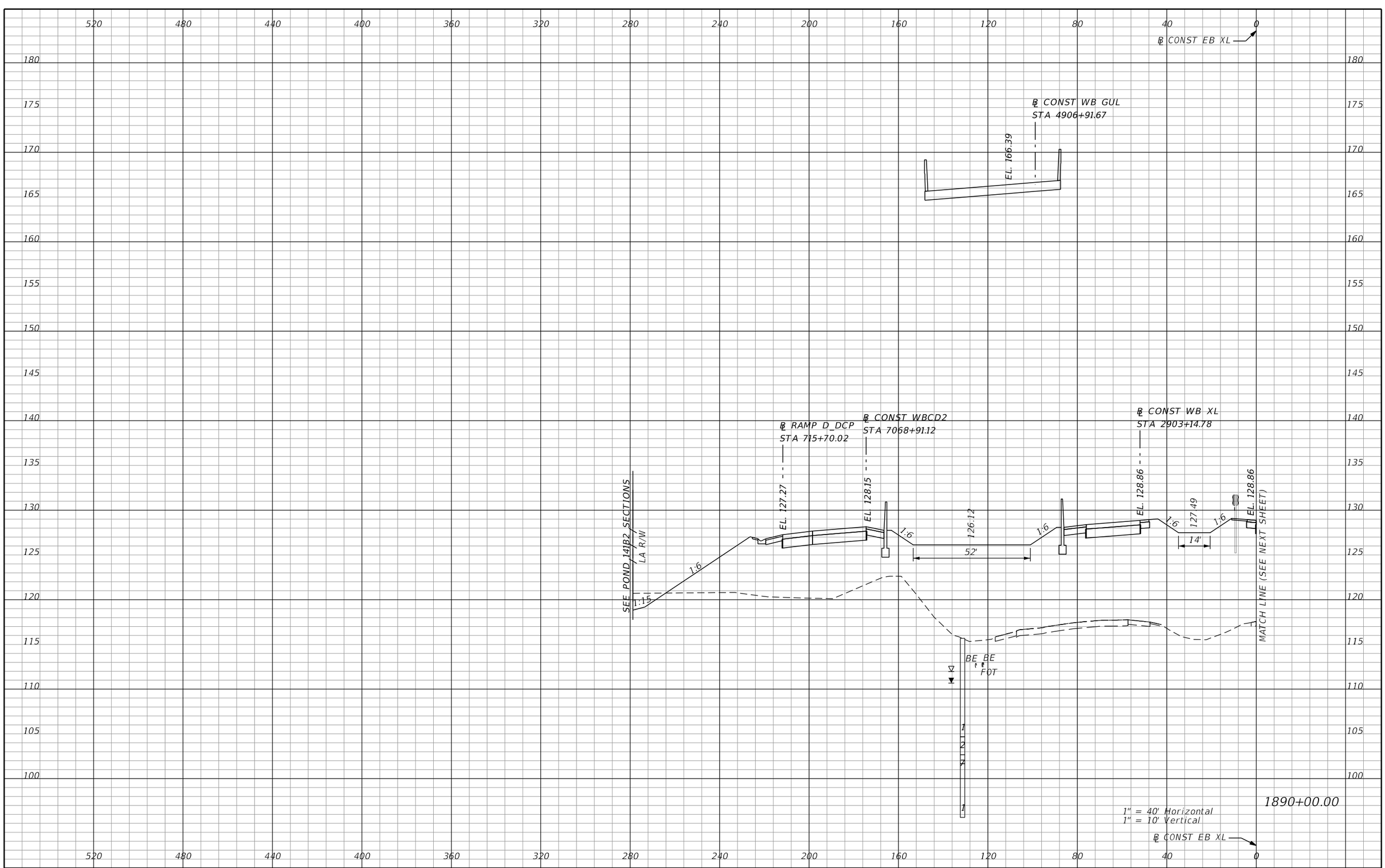

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 847

PRELIMINARY: NOT FOR CONSTRUCTION

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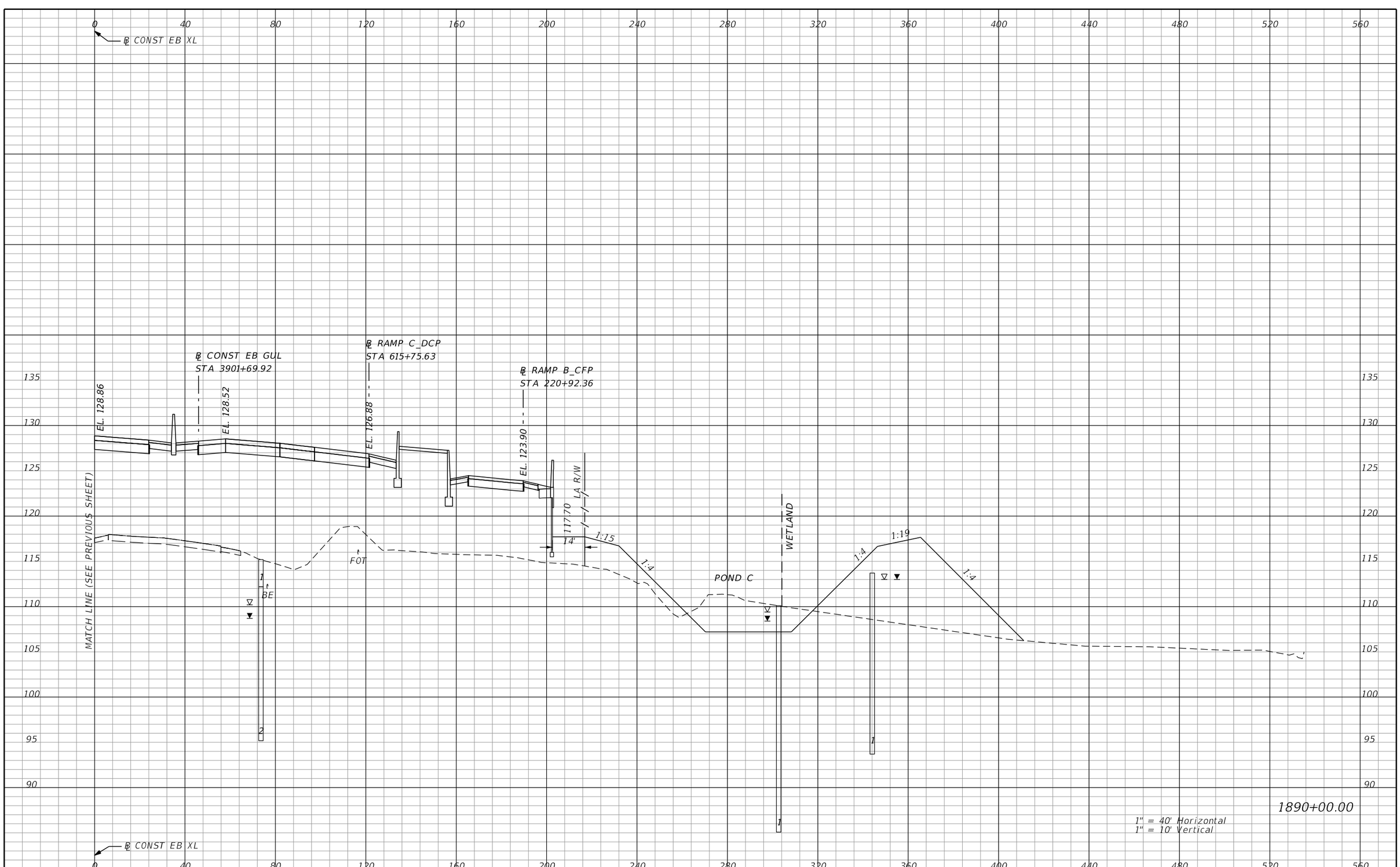

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 848

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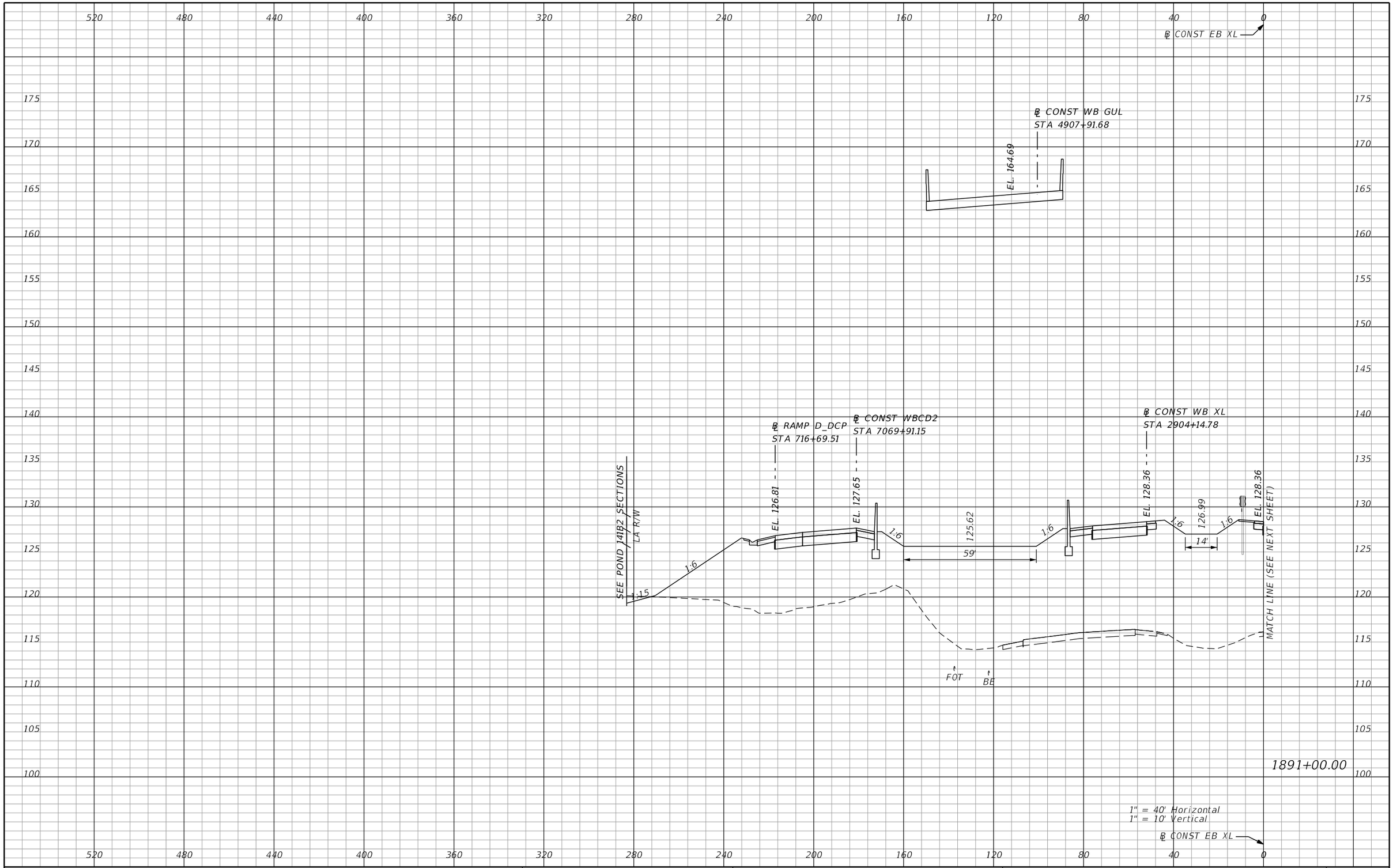

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 849

PRELIMINARY: NOT FOR CONSTRUCTION

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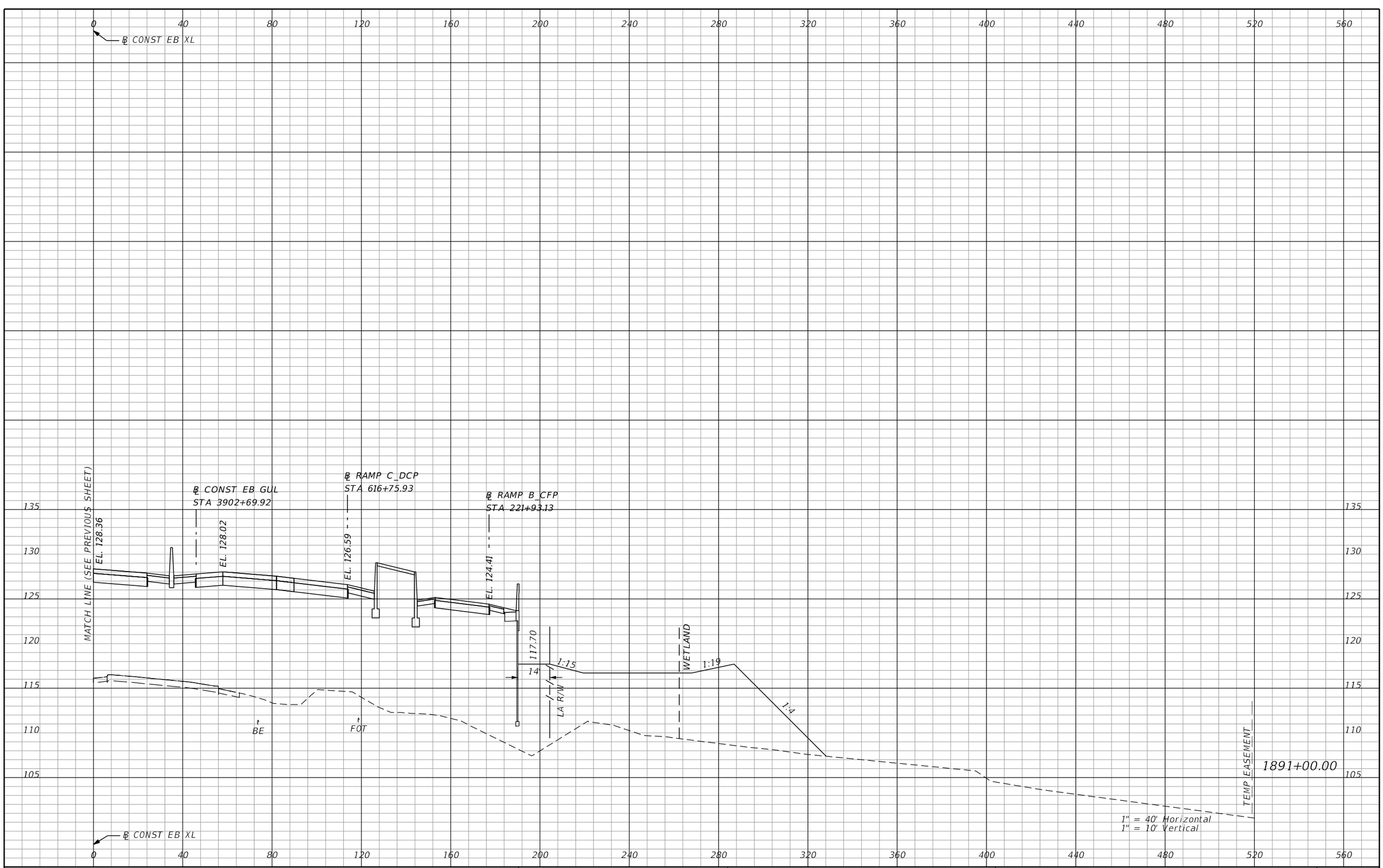

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 850

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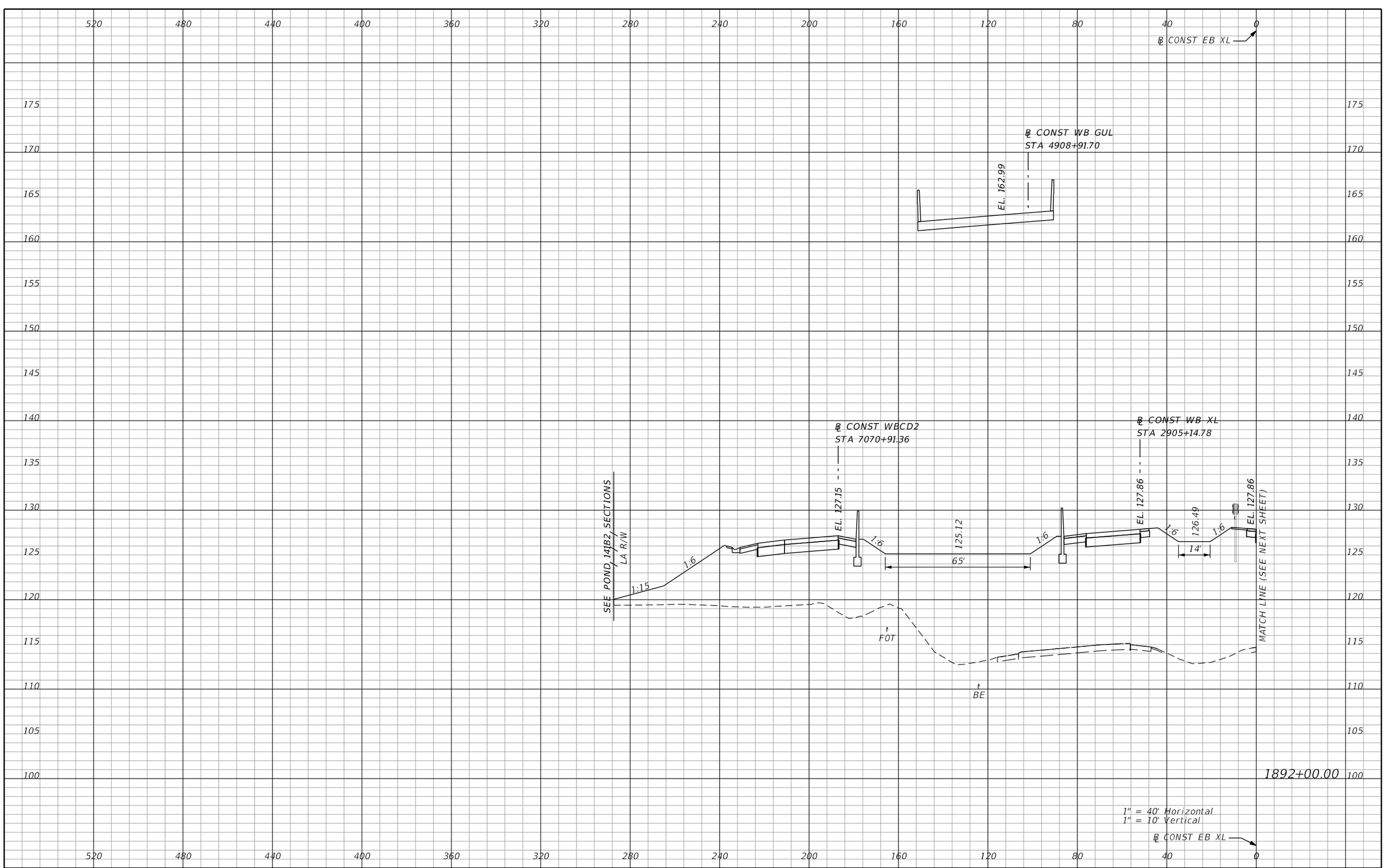

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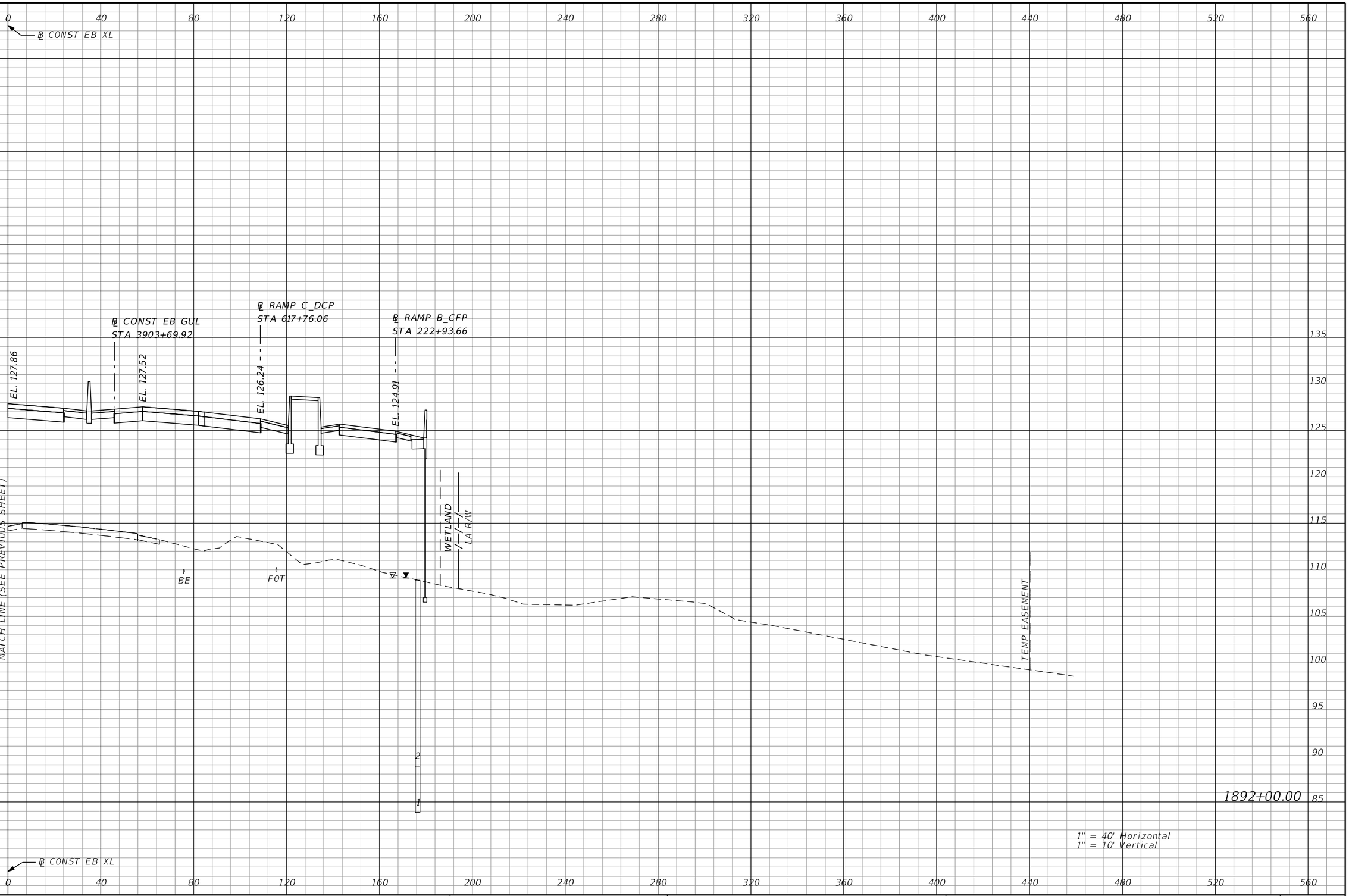
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 851

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 852

PRELIMINARY: NOT FOR CONSTRUCTION

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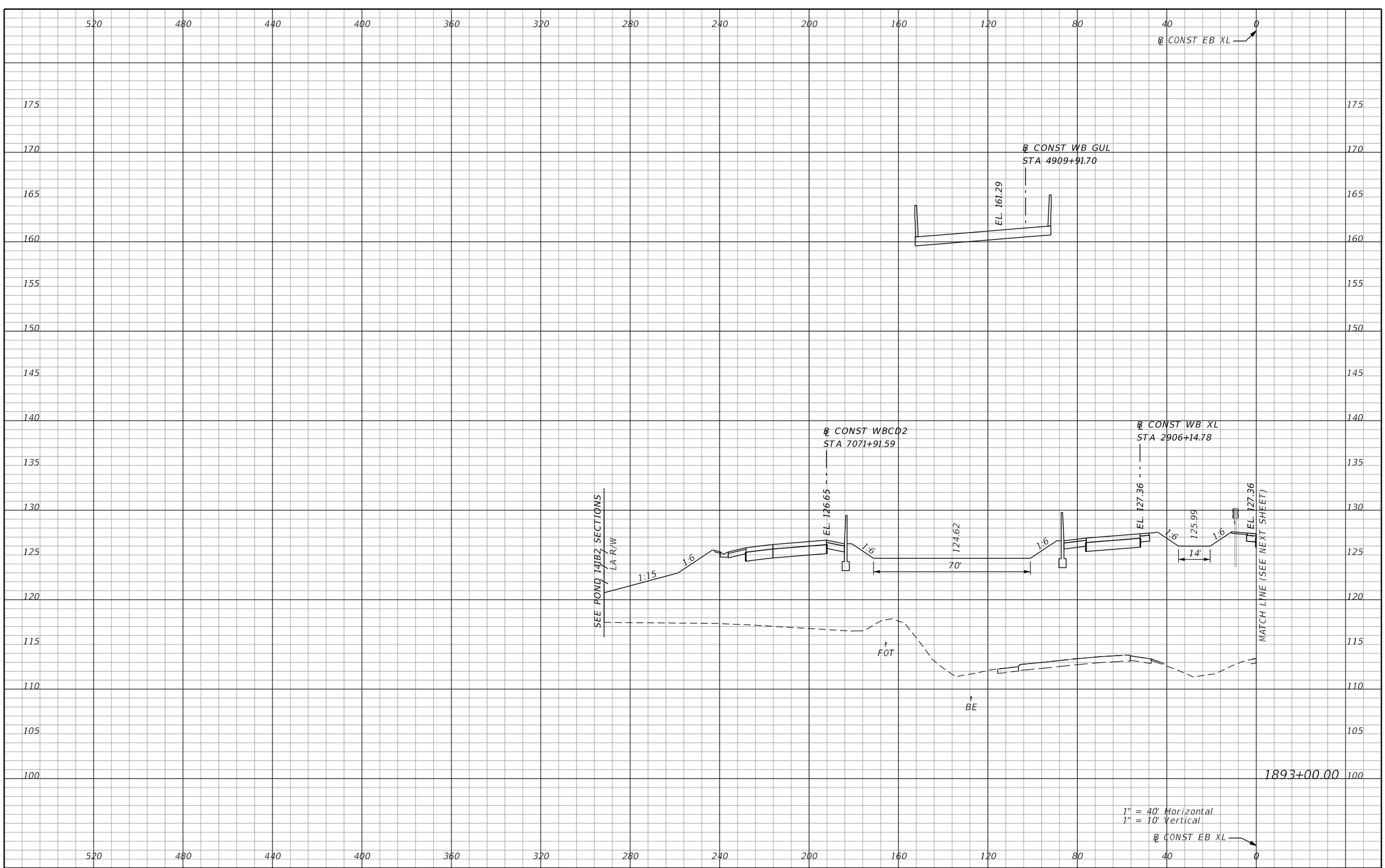

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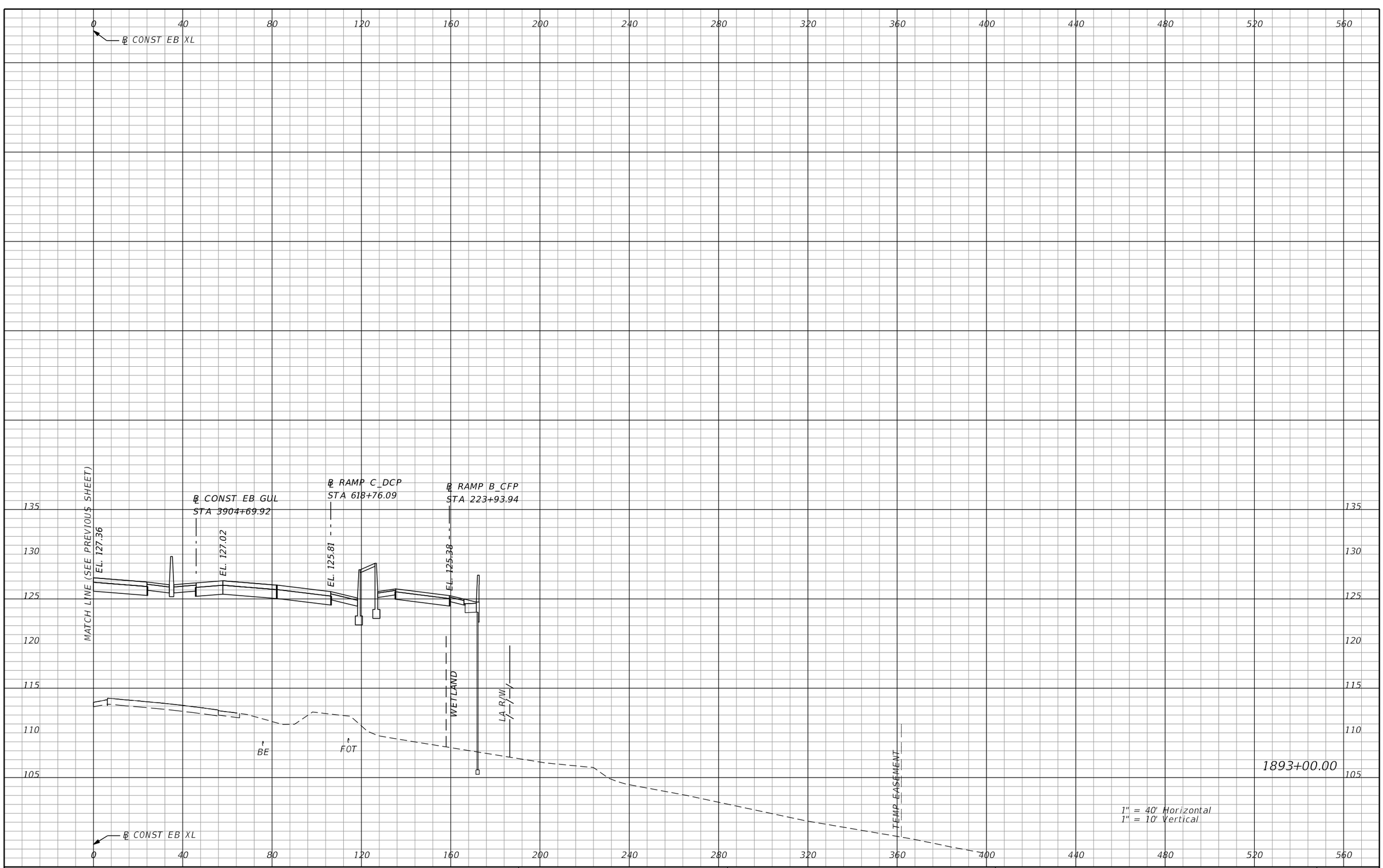
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 853

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 854

PRELIMINARY: NOT FOR CONSTRUCTION

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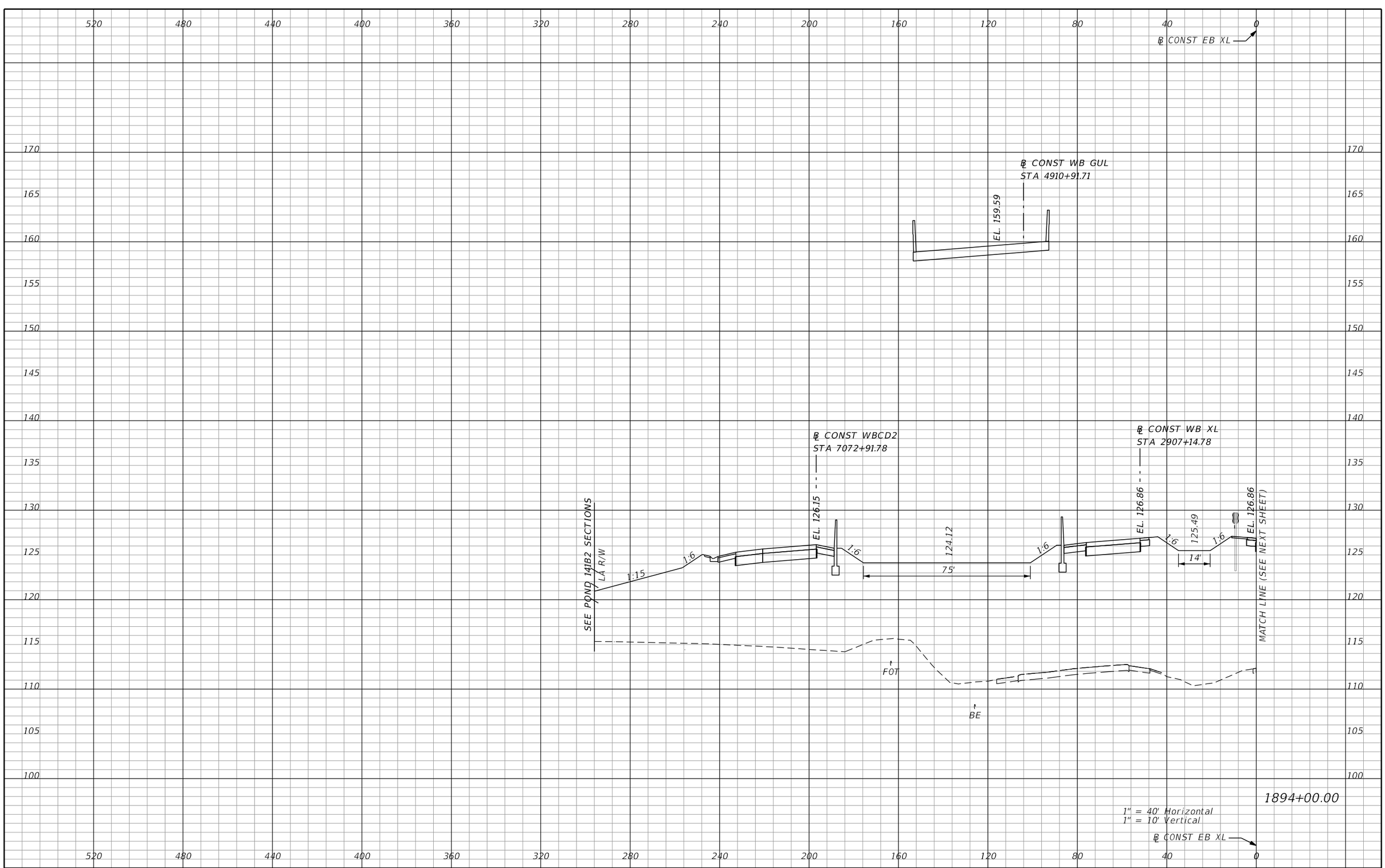

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 855

PRELIMINARY: NOT FOR CONSTRUCTION

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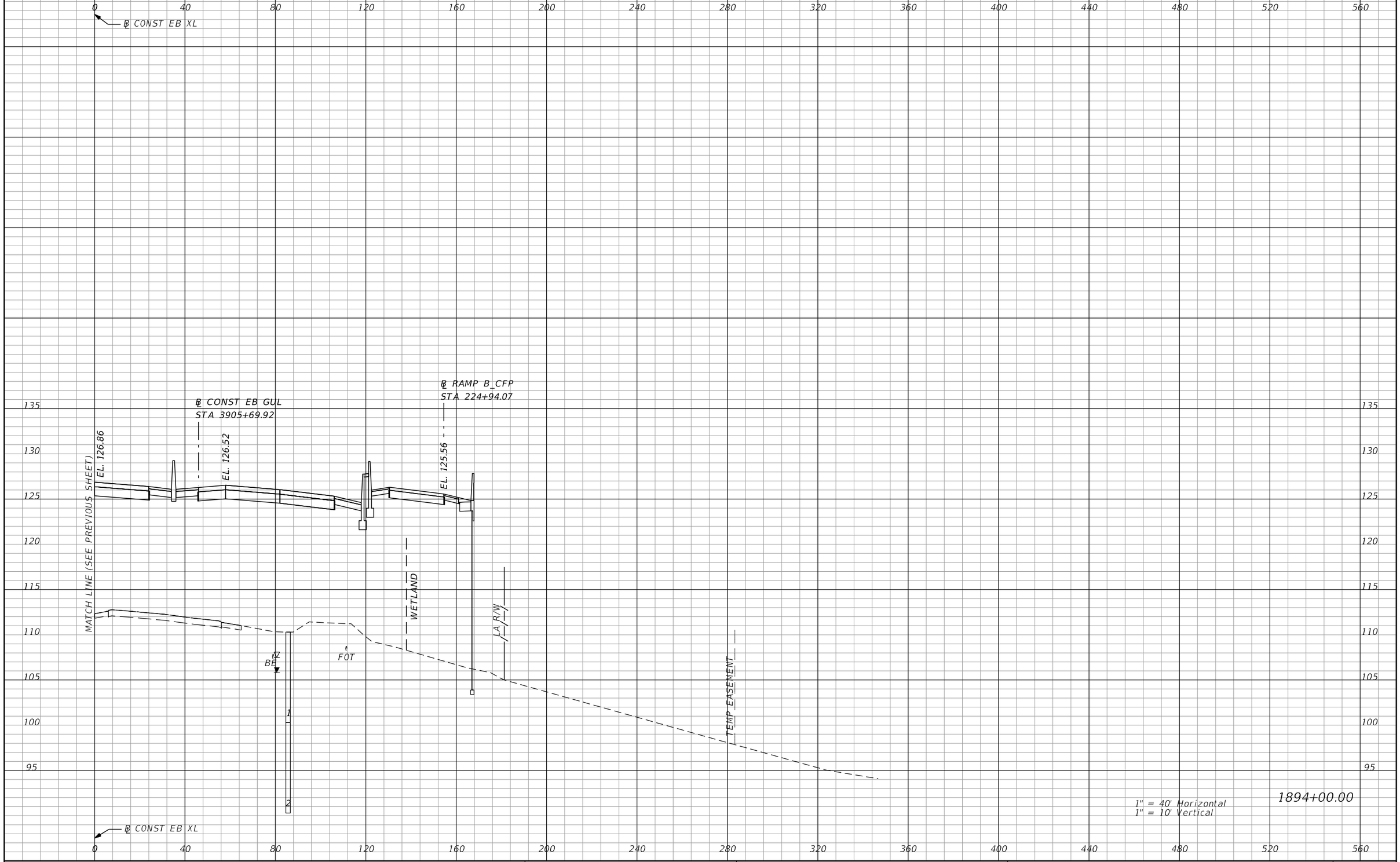

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 856

PRELIMINARY: NOT FOR CONSTRUCTION

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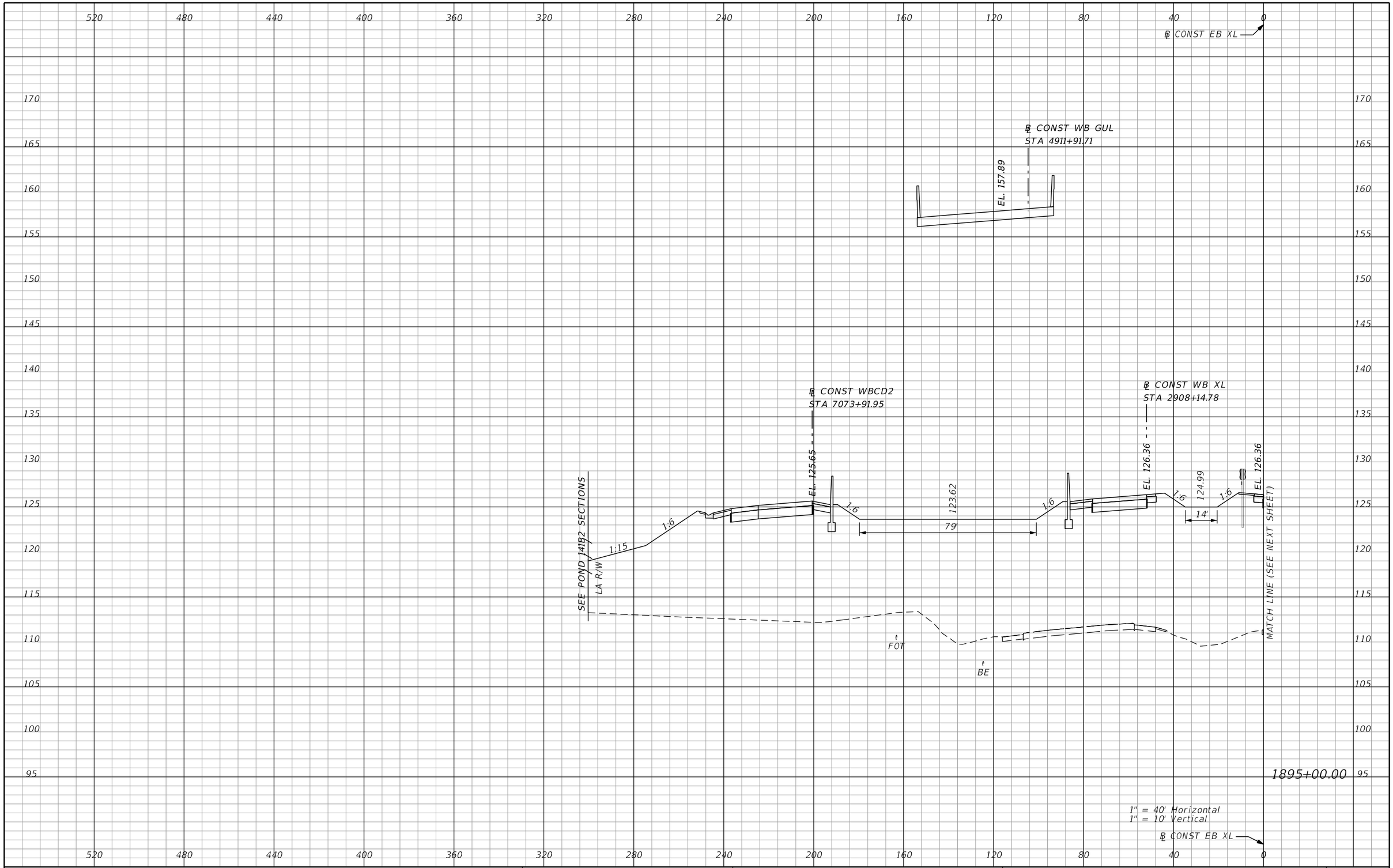

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 857

PRELIMINARY: NOT FOR CONSTRUCTION

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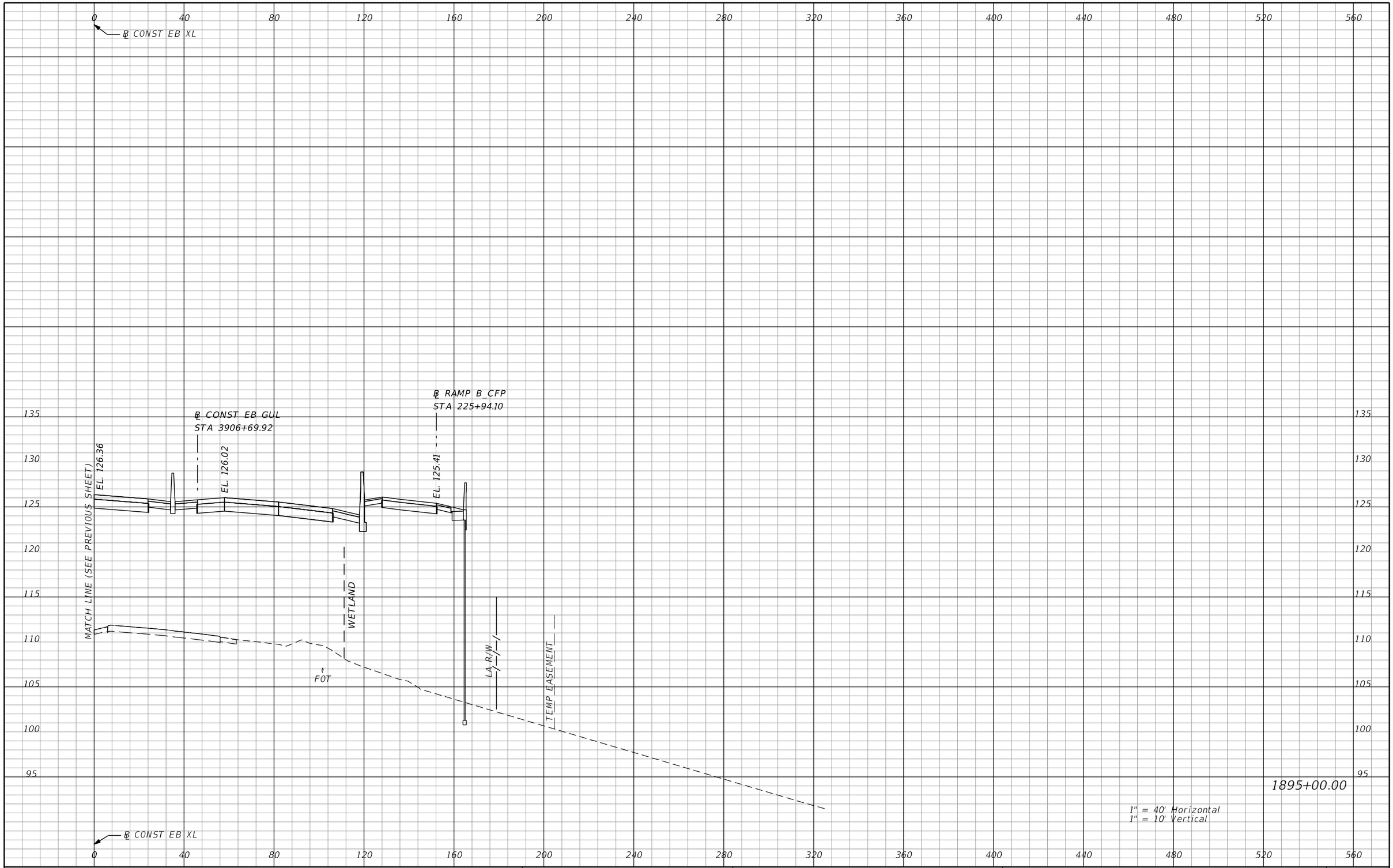

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1" = 10' Vertical

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 858

PRELIMINARY: NOT FOR CONSTRUCTION

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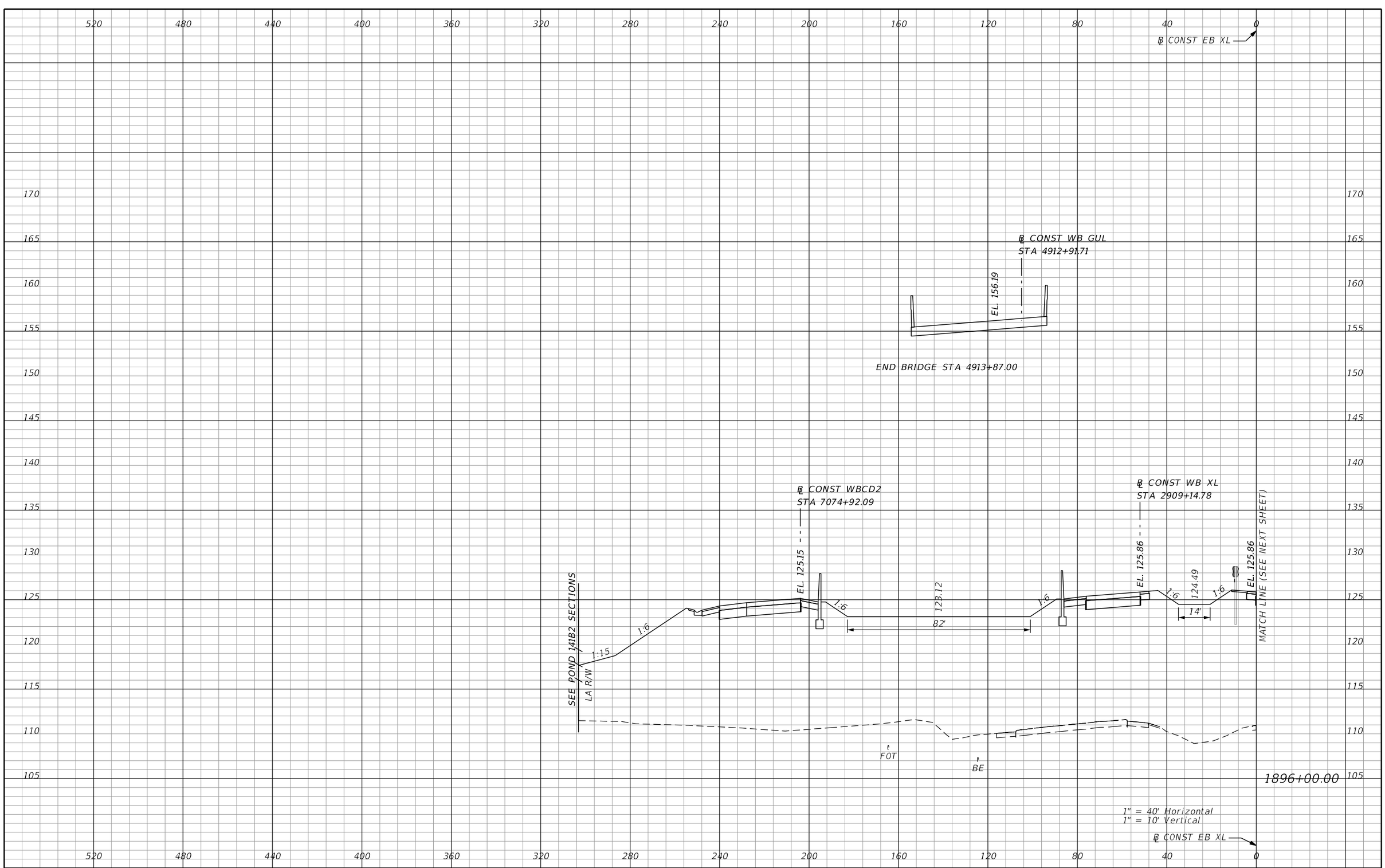

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 859

PRELIMINARY: NOT FOR CONSTRUCTION

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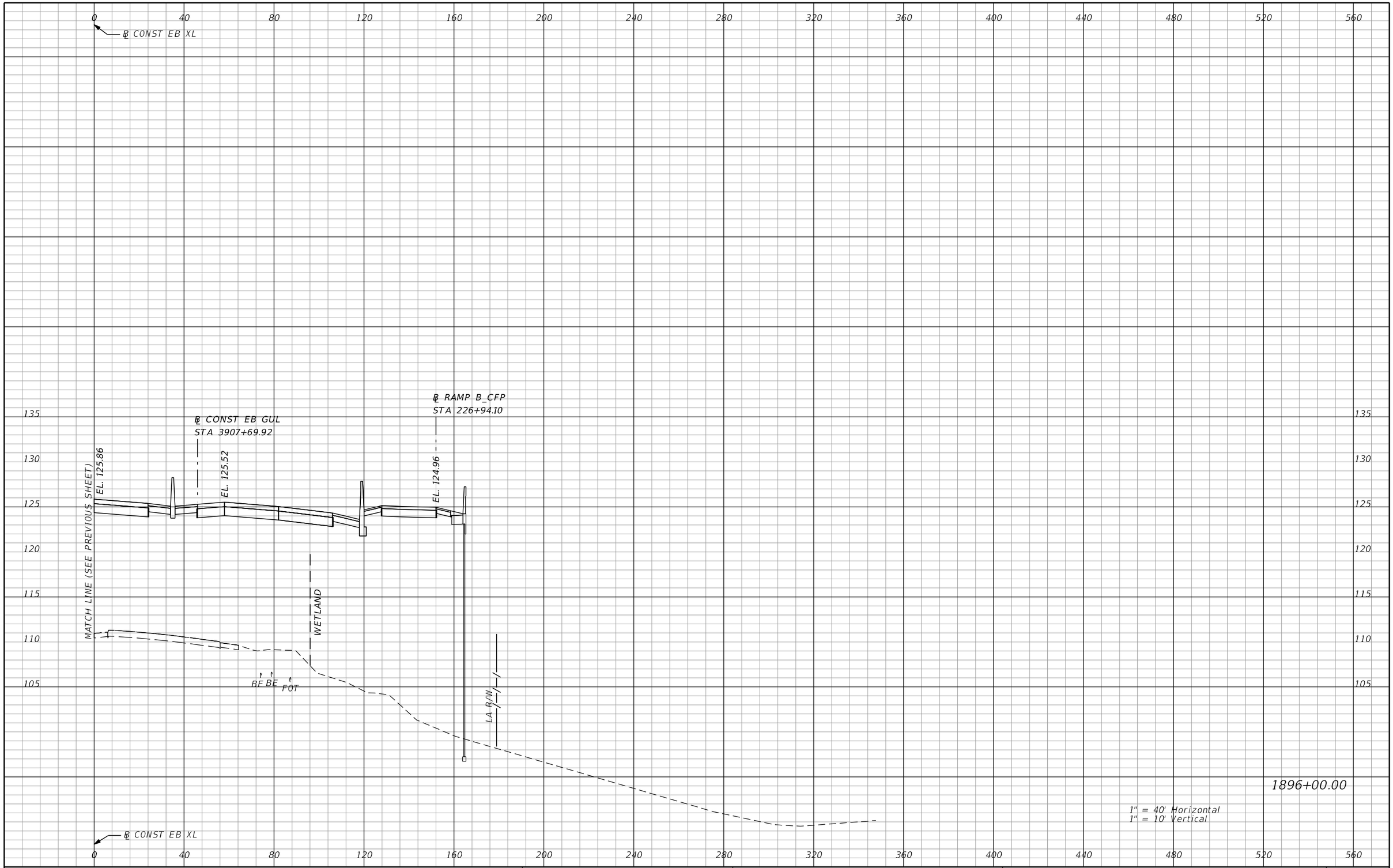

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 860

PRELIMINARY: NOT FOR CONSTRUCTION

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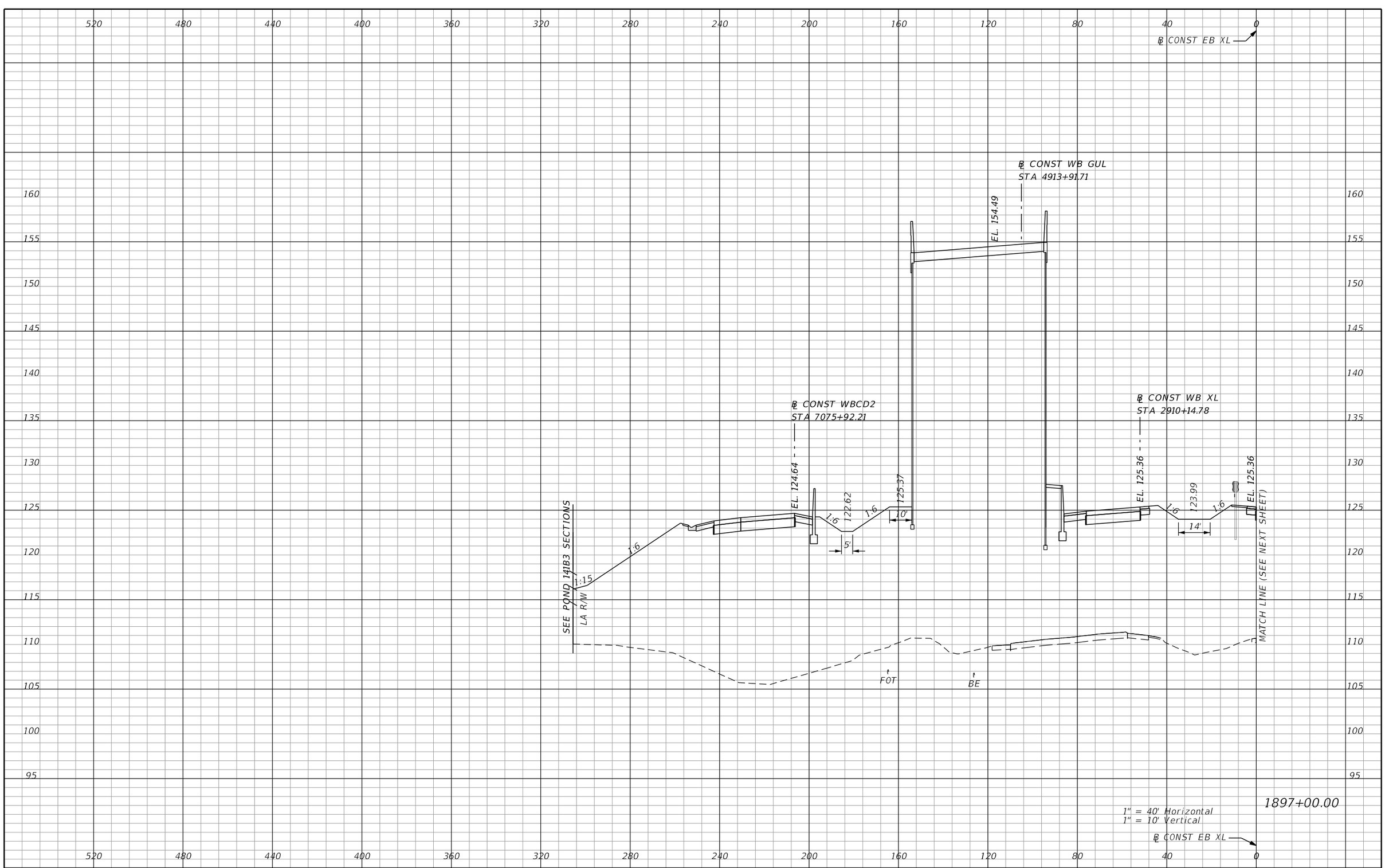

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 861

PRELIMINARY: NOT FOR CONSTRUCTION

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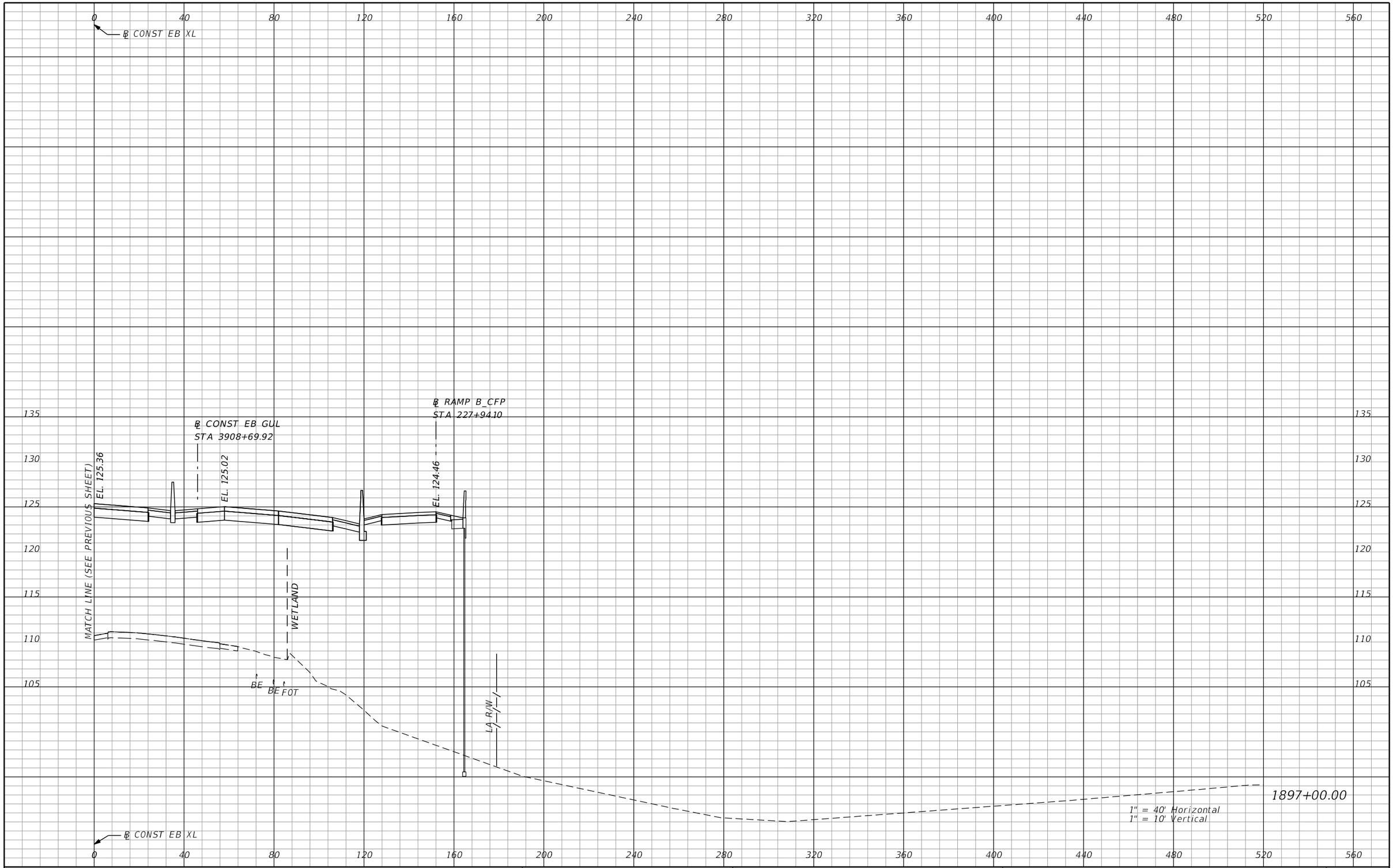

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 862

PRELIMINARY: NOT FOR CONSTRUCTION

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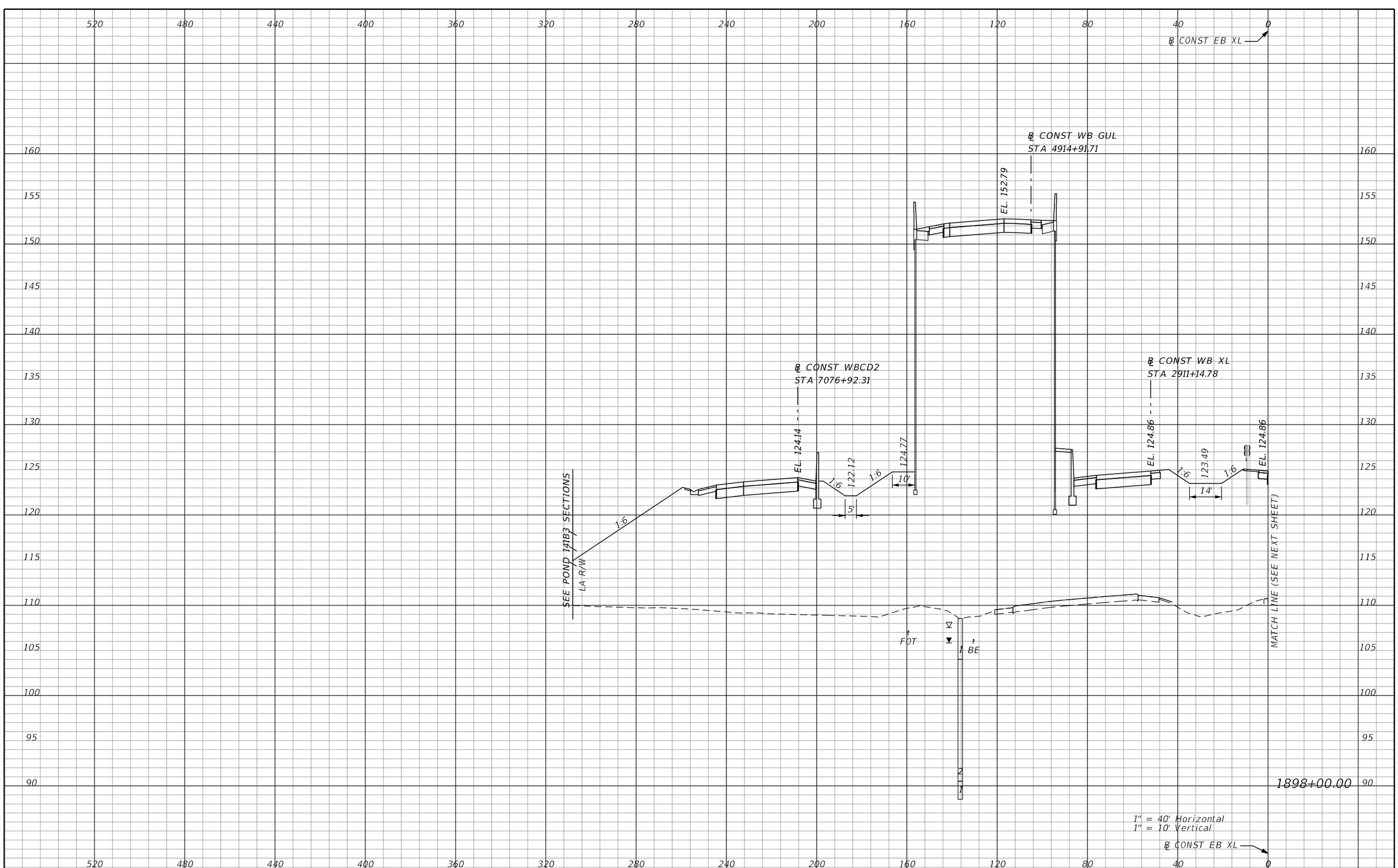

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
863

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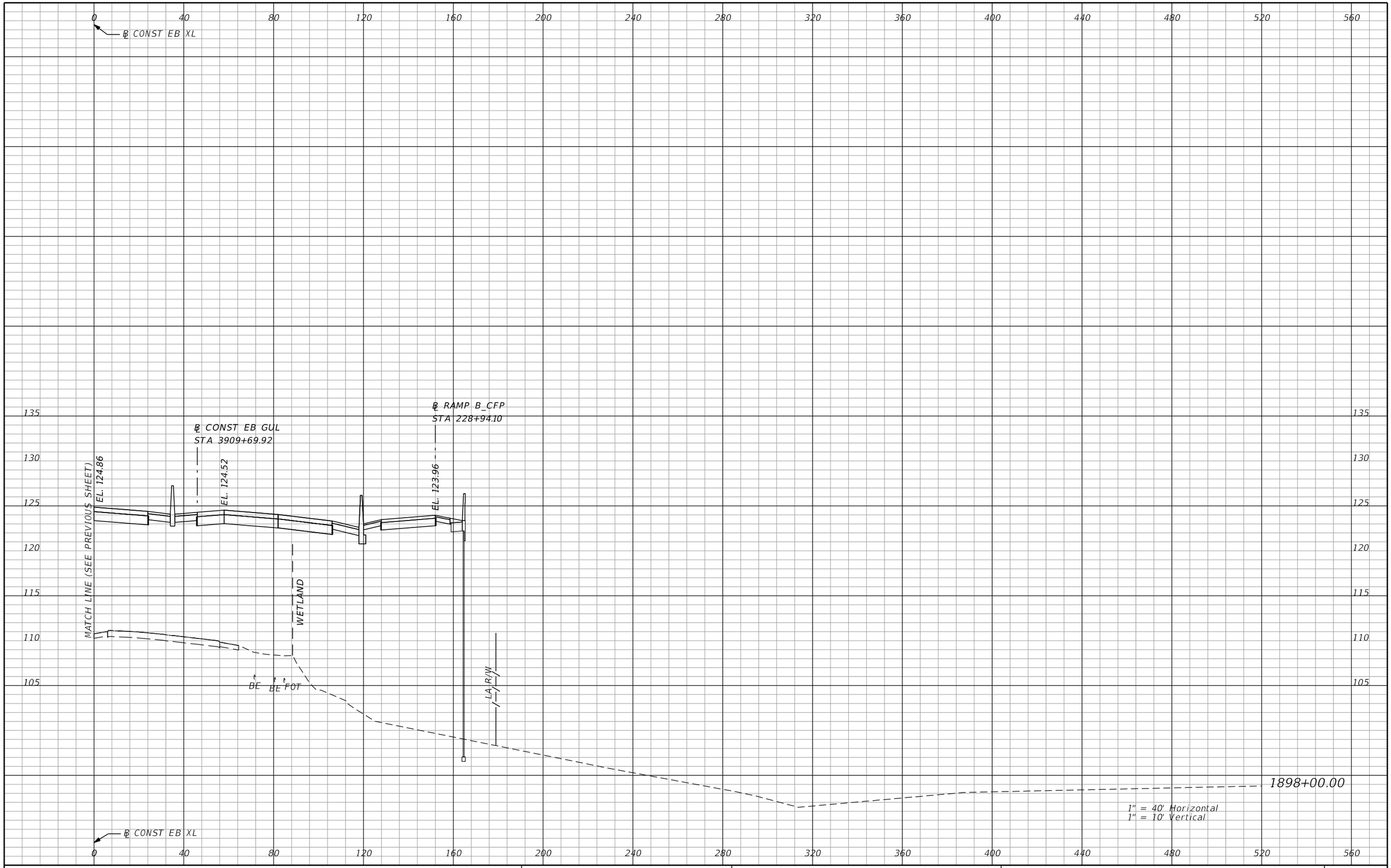

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 864

PRELIMINARY: NOT FOR CONSTRUCTION

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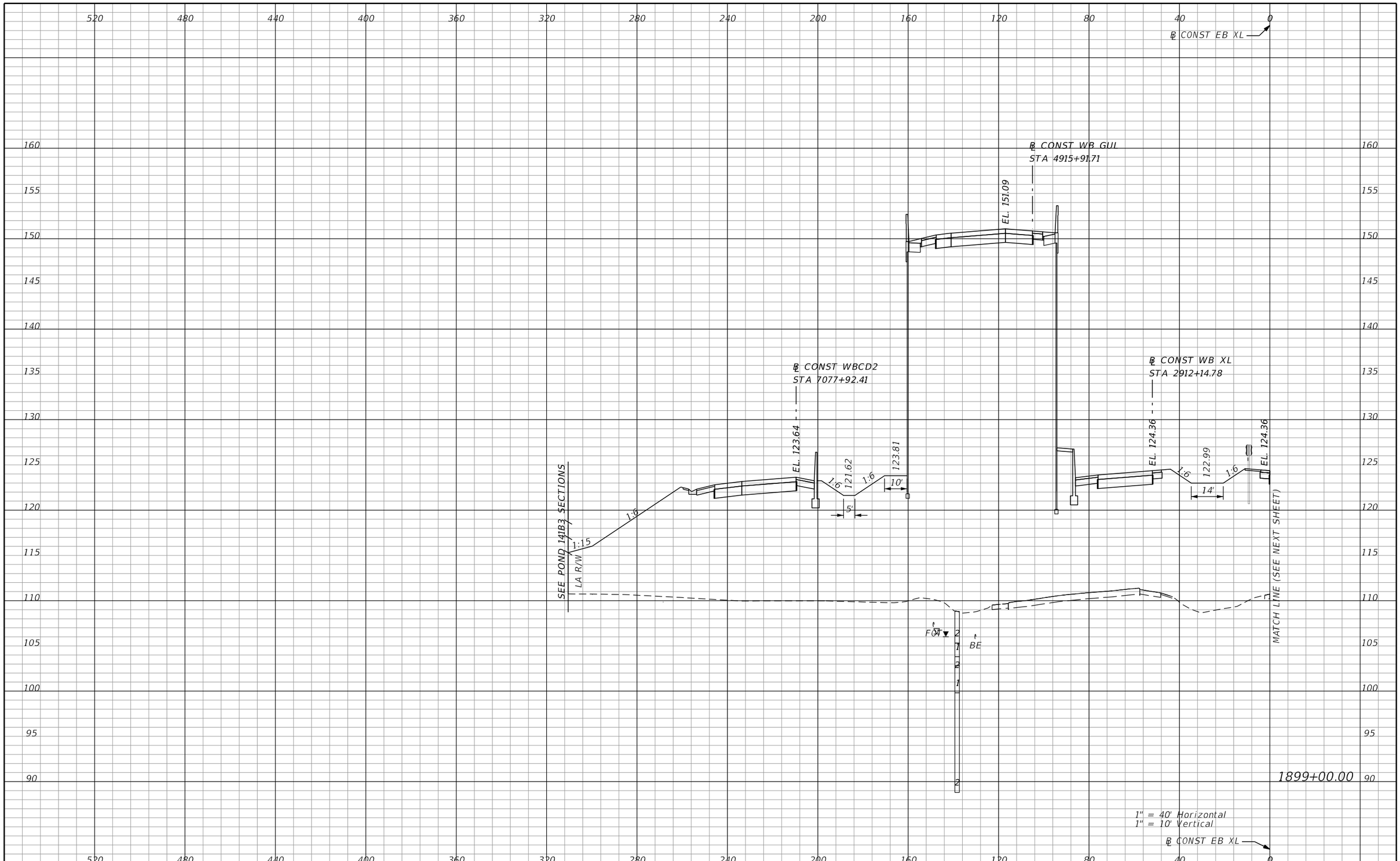

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SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
865

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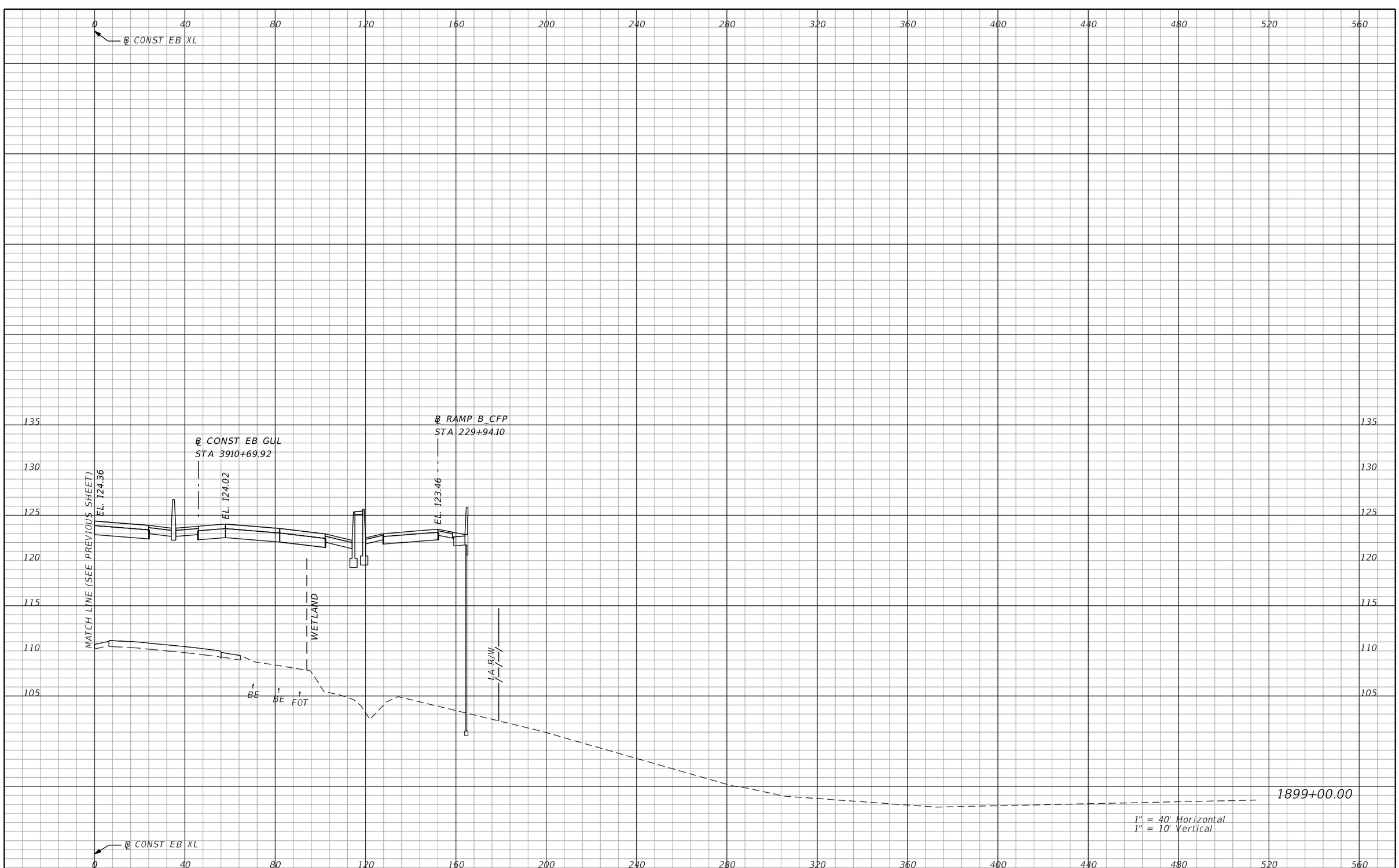

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SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 866

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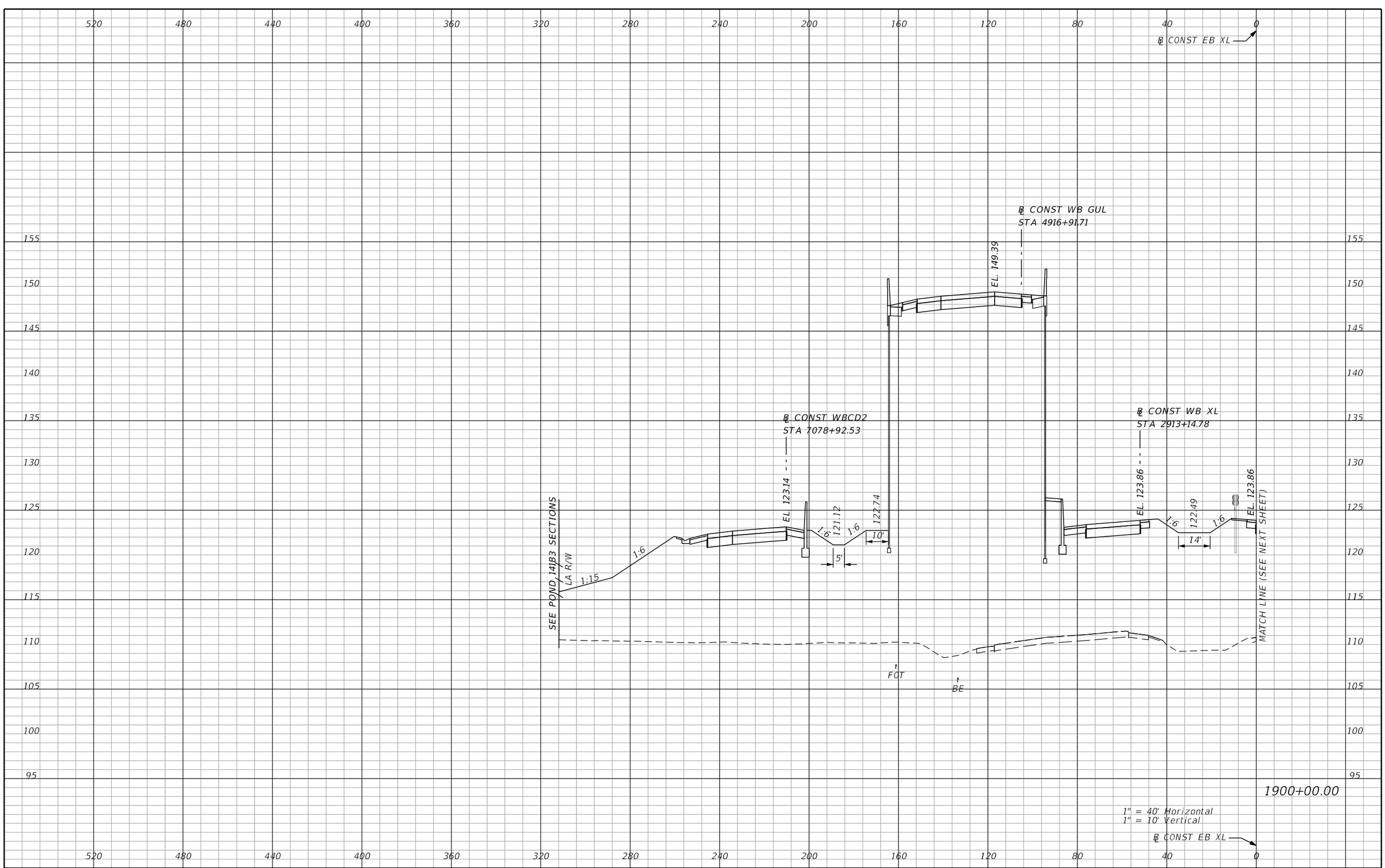

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 867

PRELIMINARY: NOT FOR CONSTRUCTION

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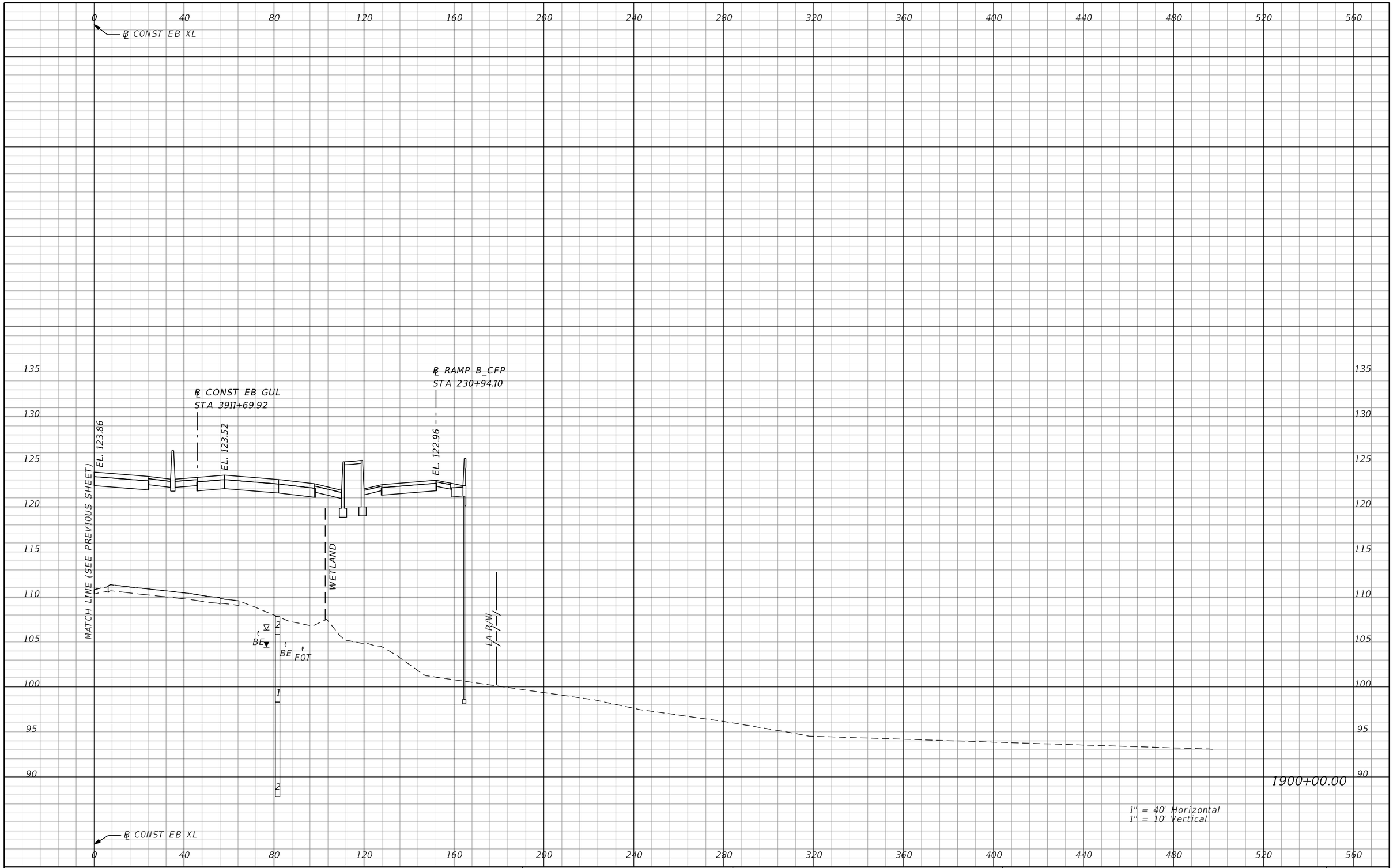

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 868

PRELIMINARY: NOT FOR CONSTRUCTION

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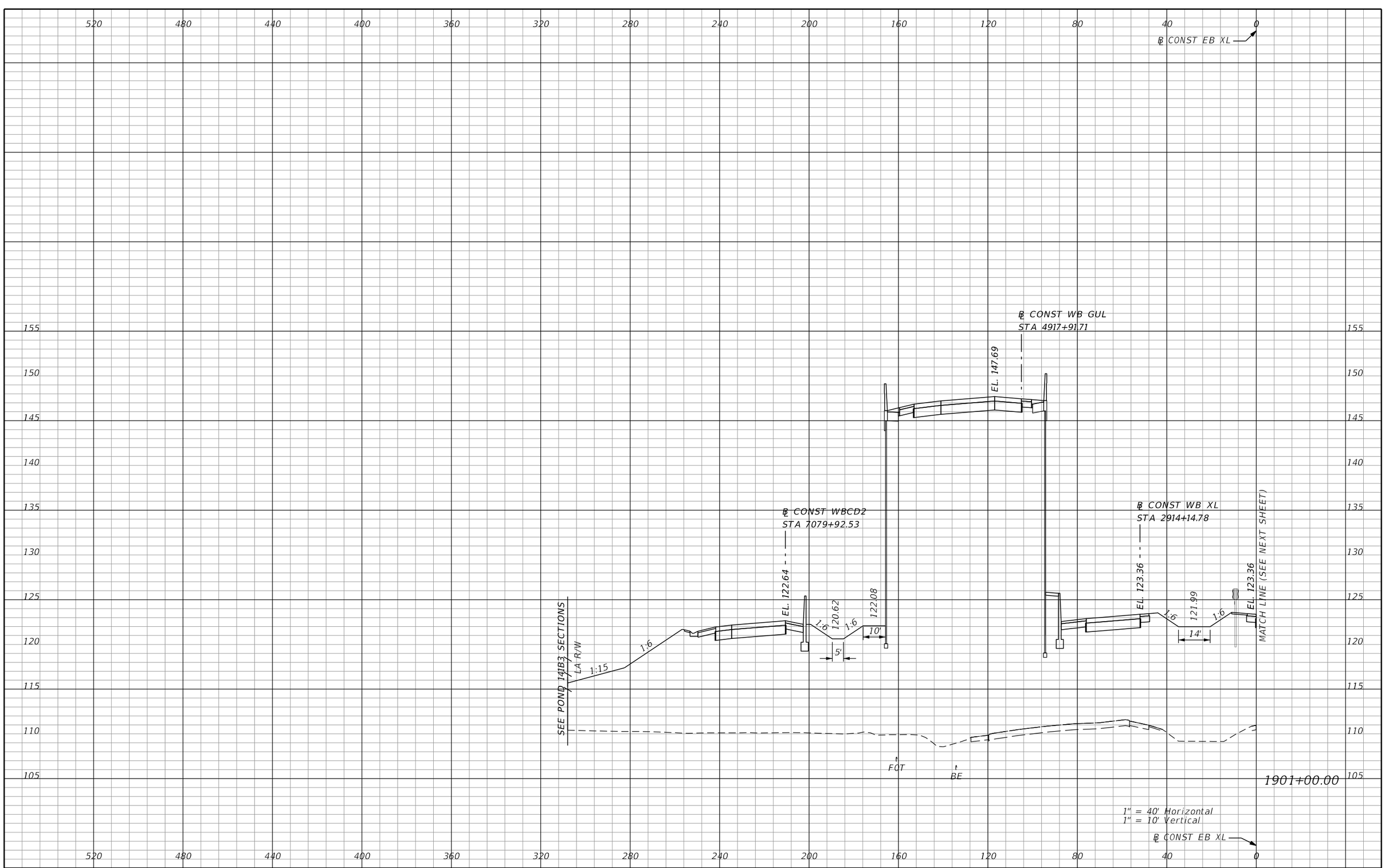

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150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 869

PRELIMINARY: NOT FOR CONSTRUCTION

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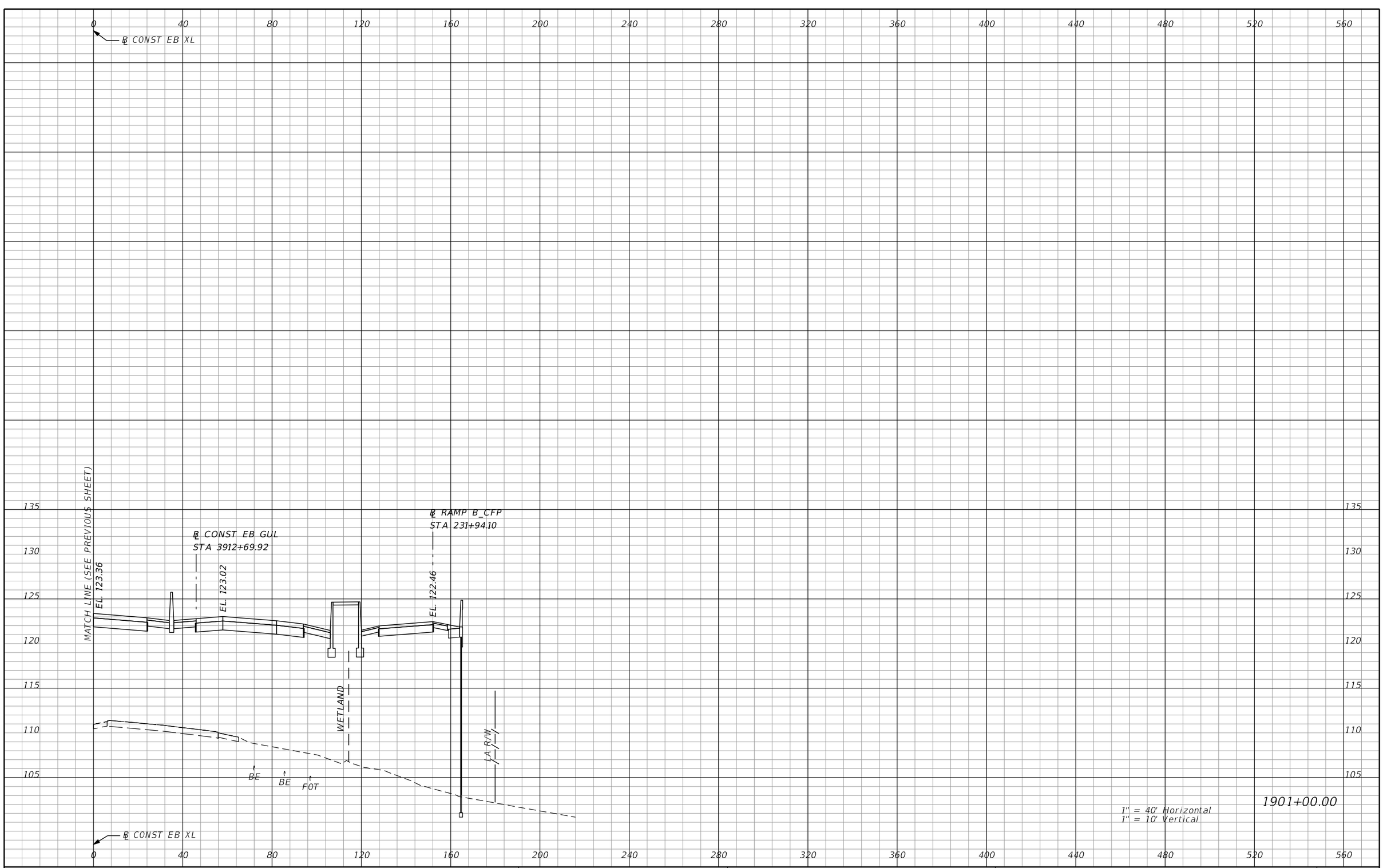

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 870

PRELIMINARY: NOT FOR CONSTRUCTION

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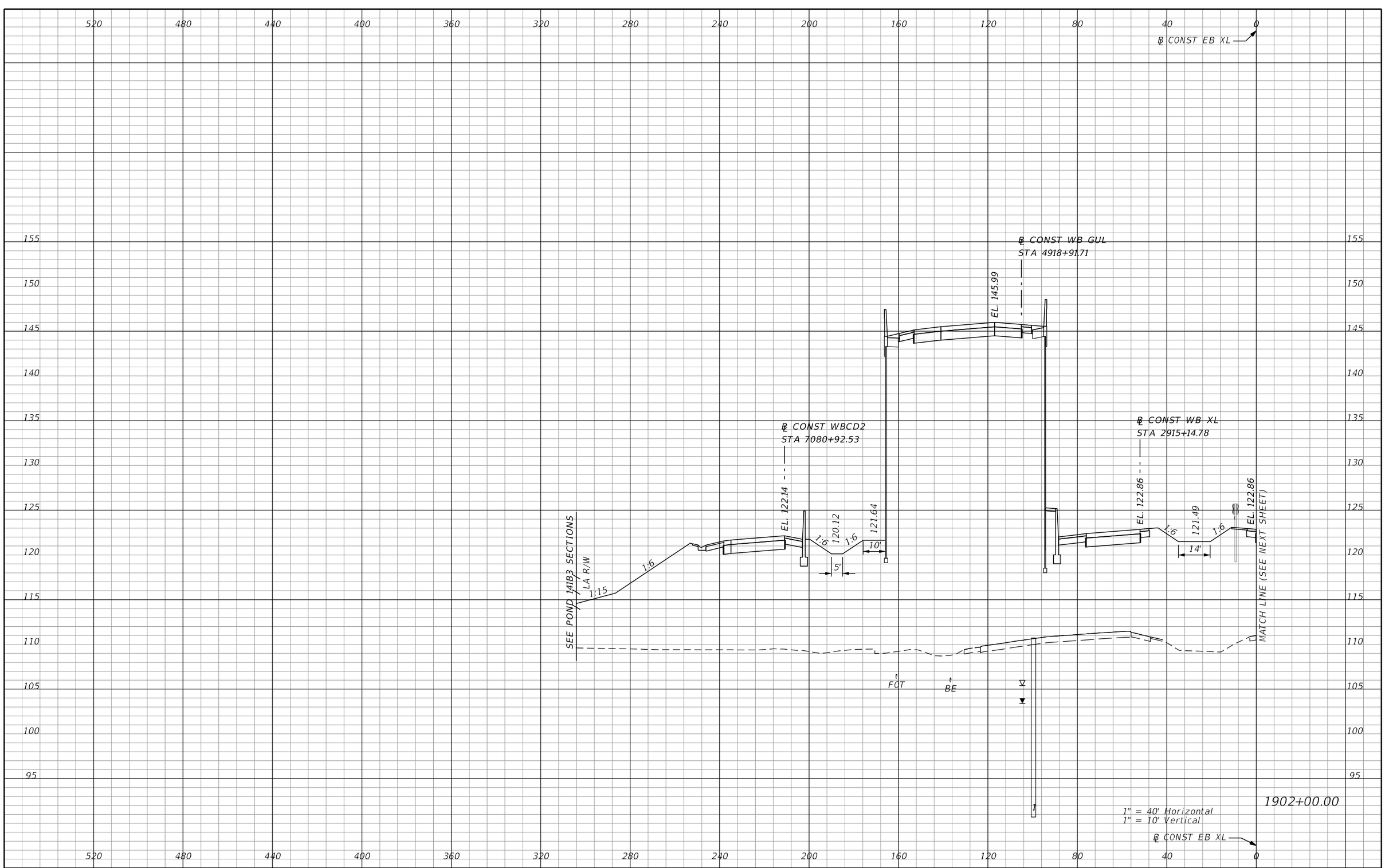

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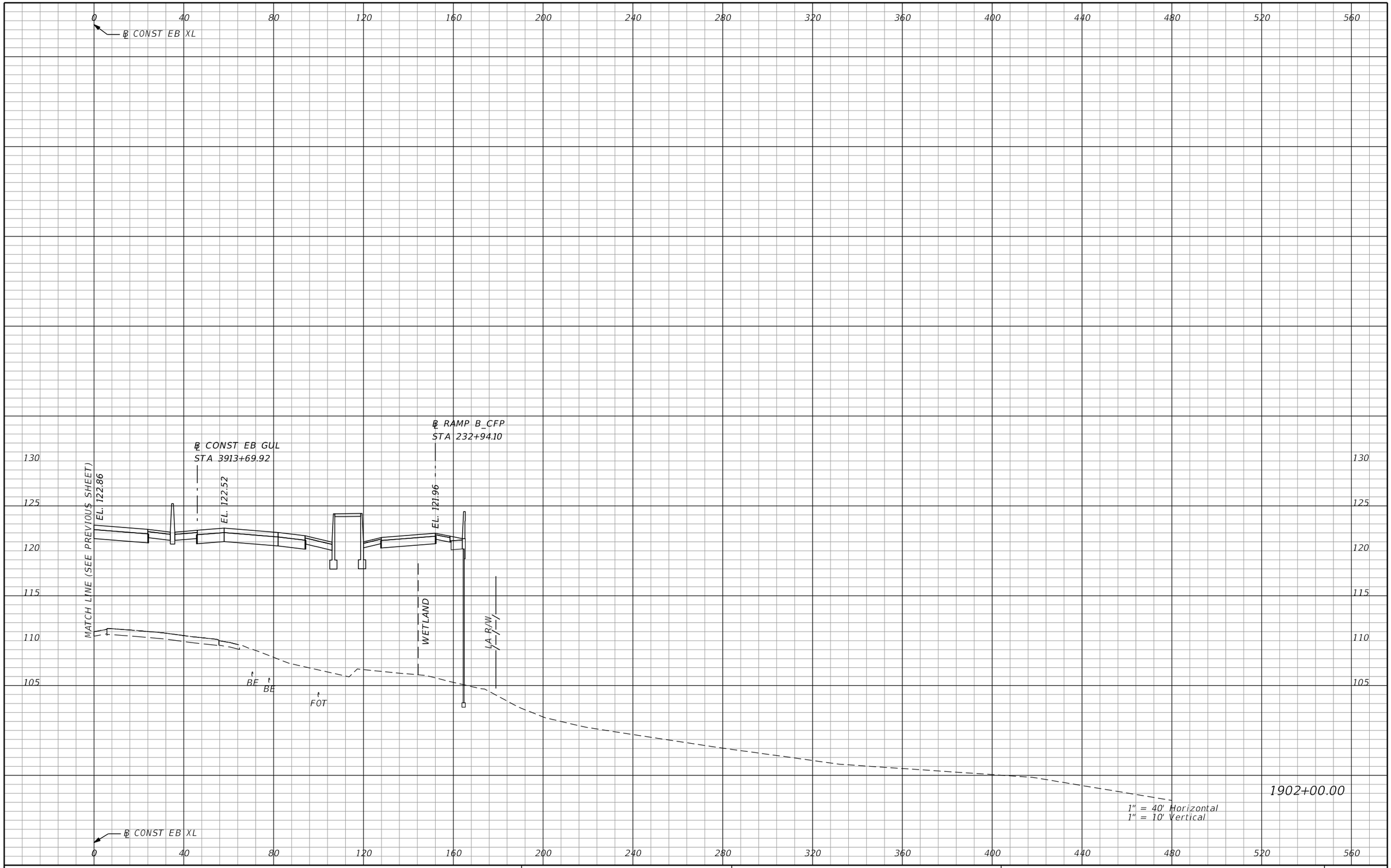
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 871

PRELIMINARY: NOT FOR CONSTRUCTION



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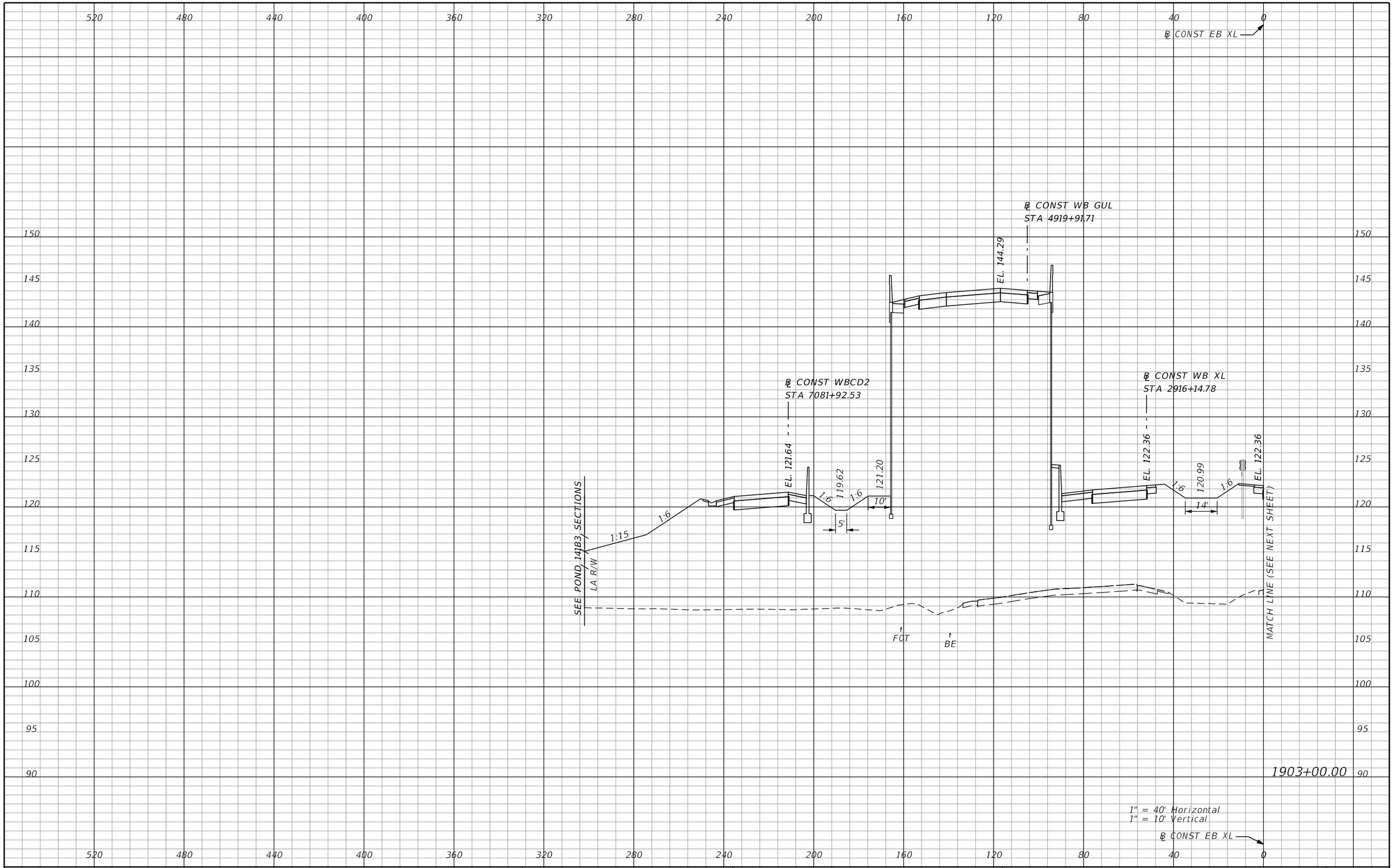
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 872

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 873

PRELIMINARY: NOT FOR CONSTRUCTION

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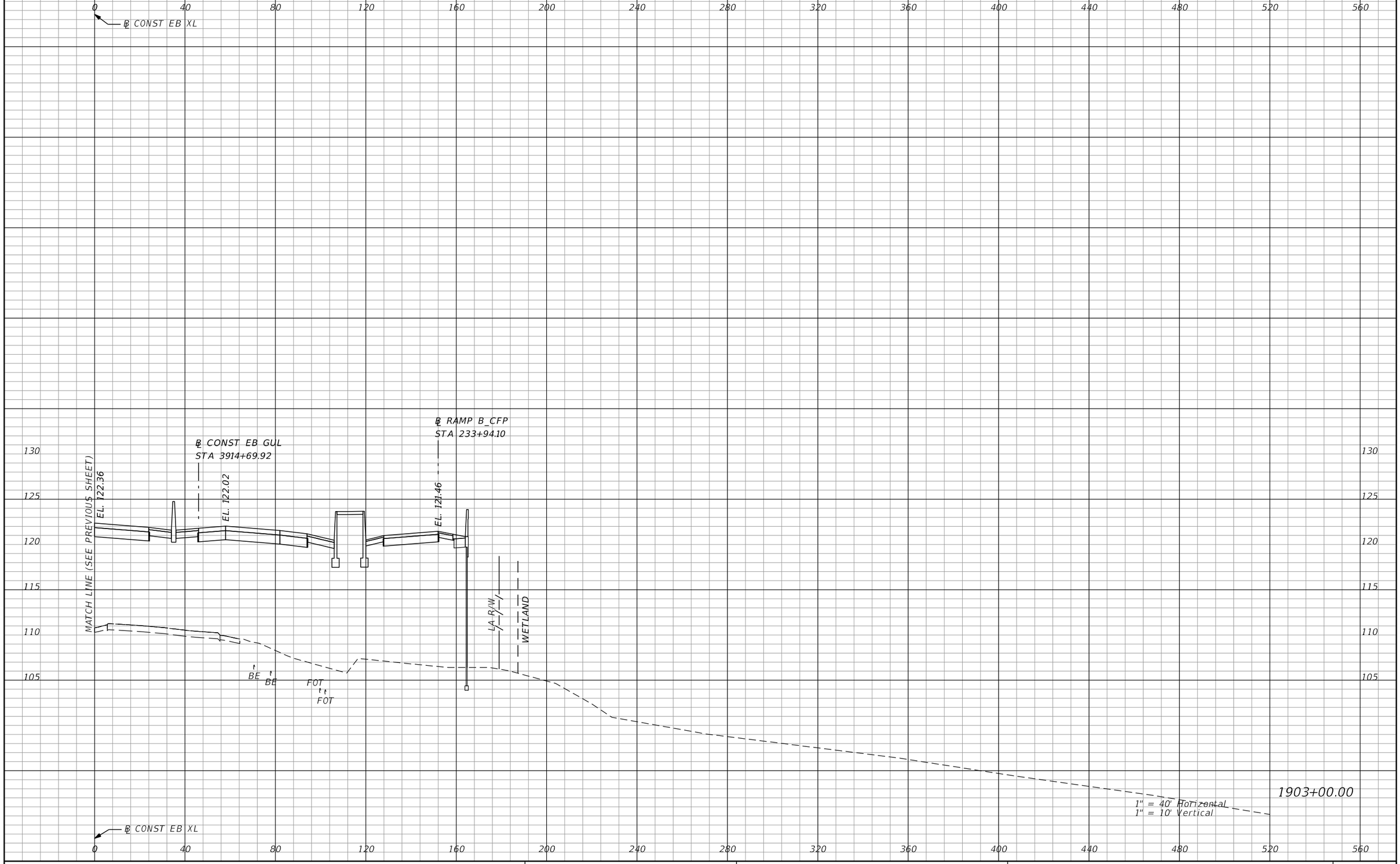

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 874

PRELIMINARY: NOT FOR CONSTRUCTION

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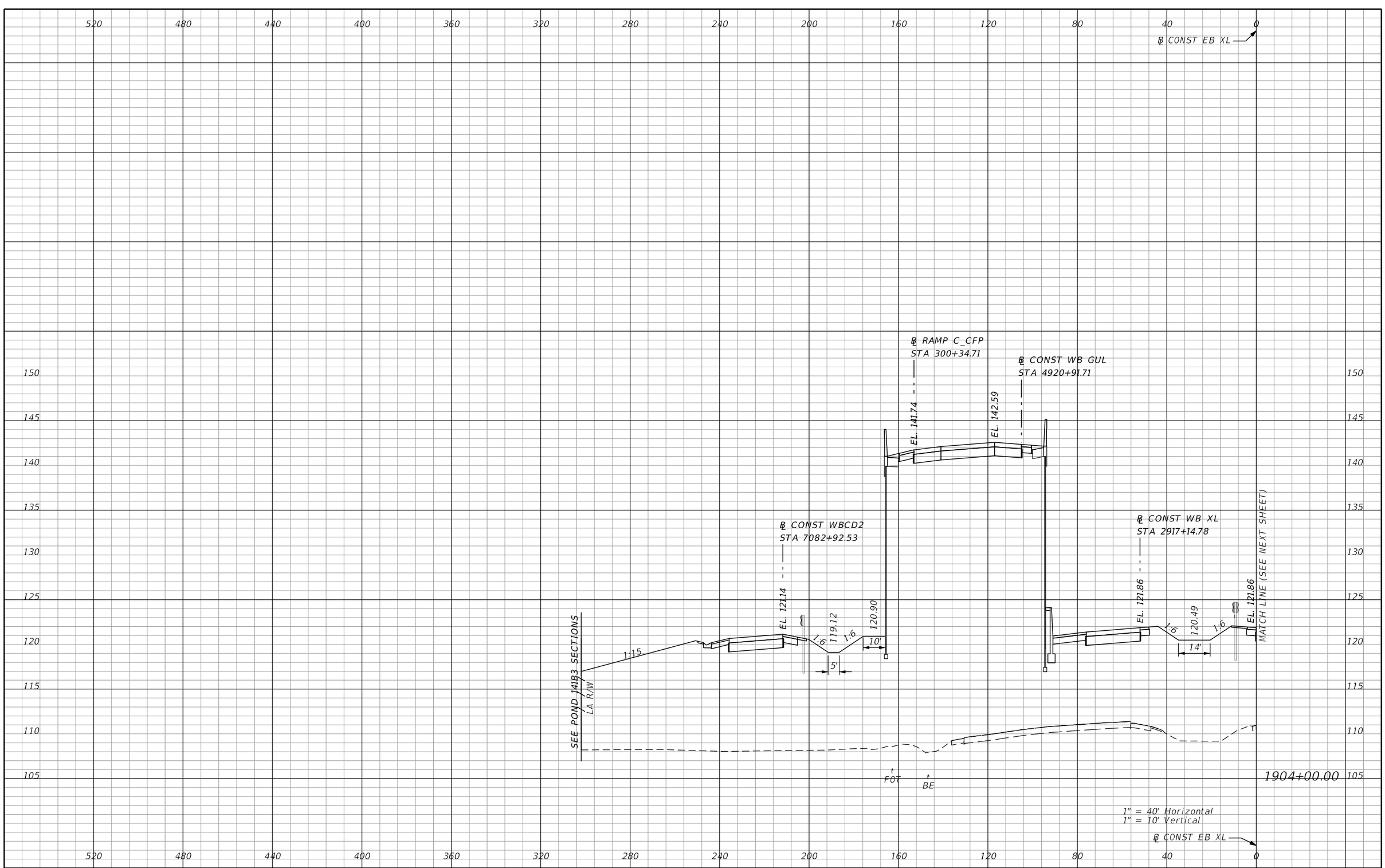

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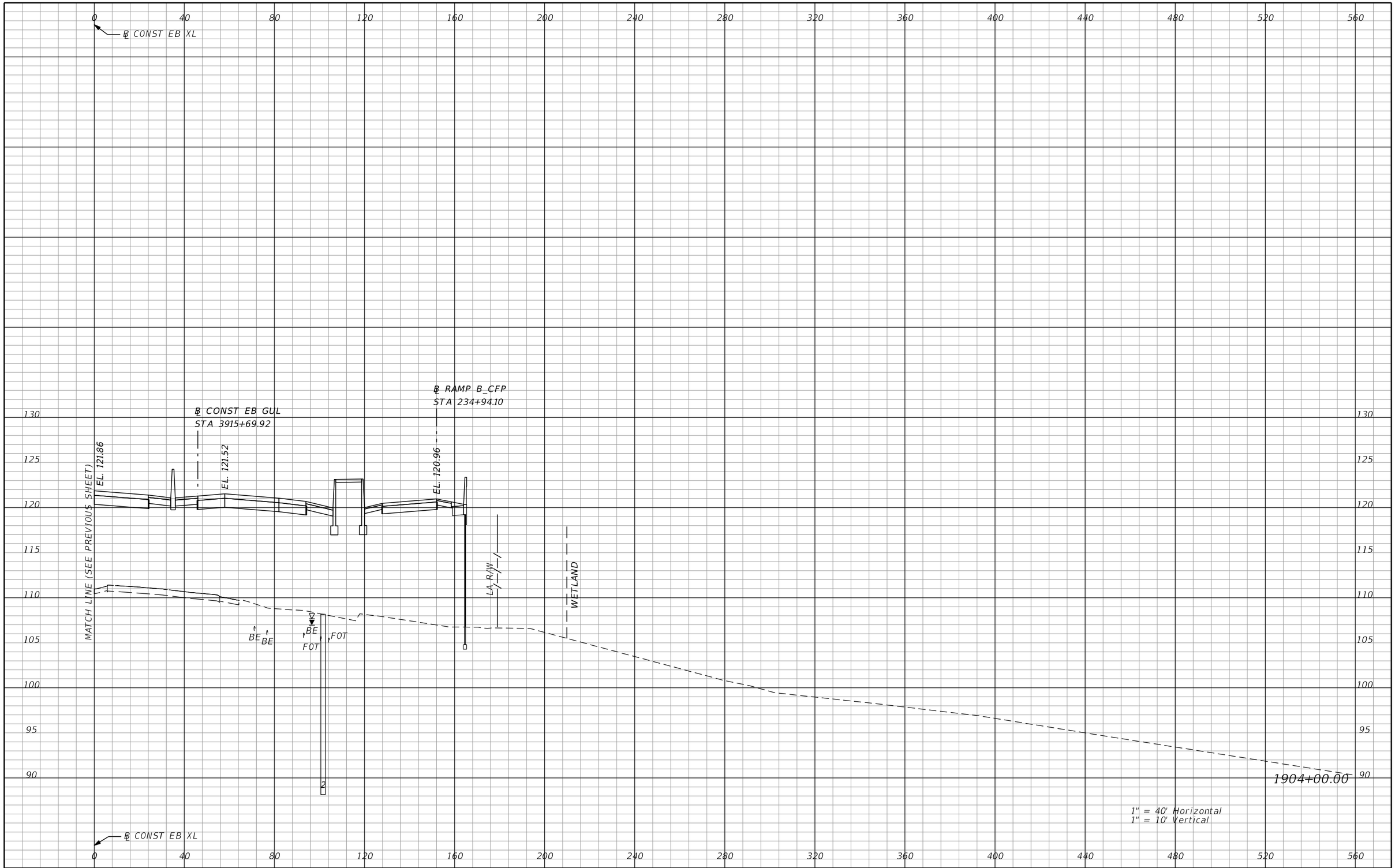
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 875

PRELIMINARY: NOT FOR CONSTRUCTION



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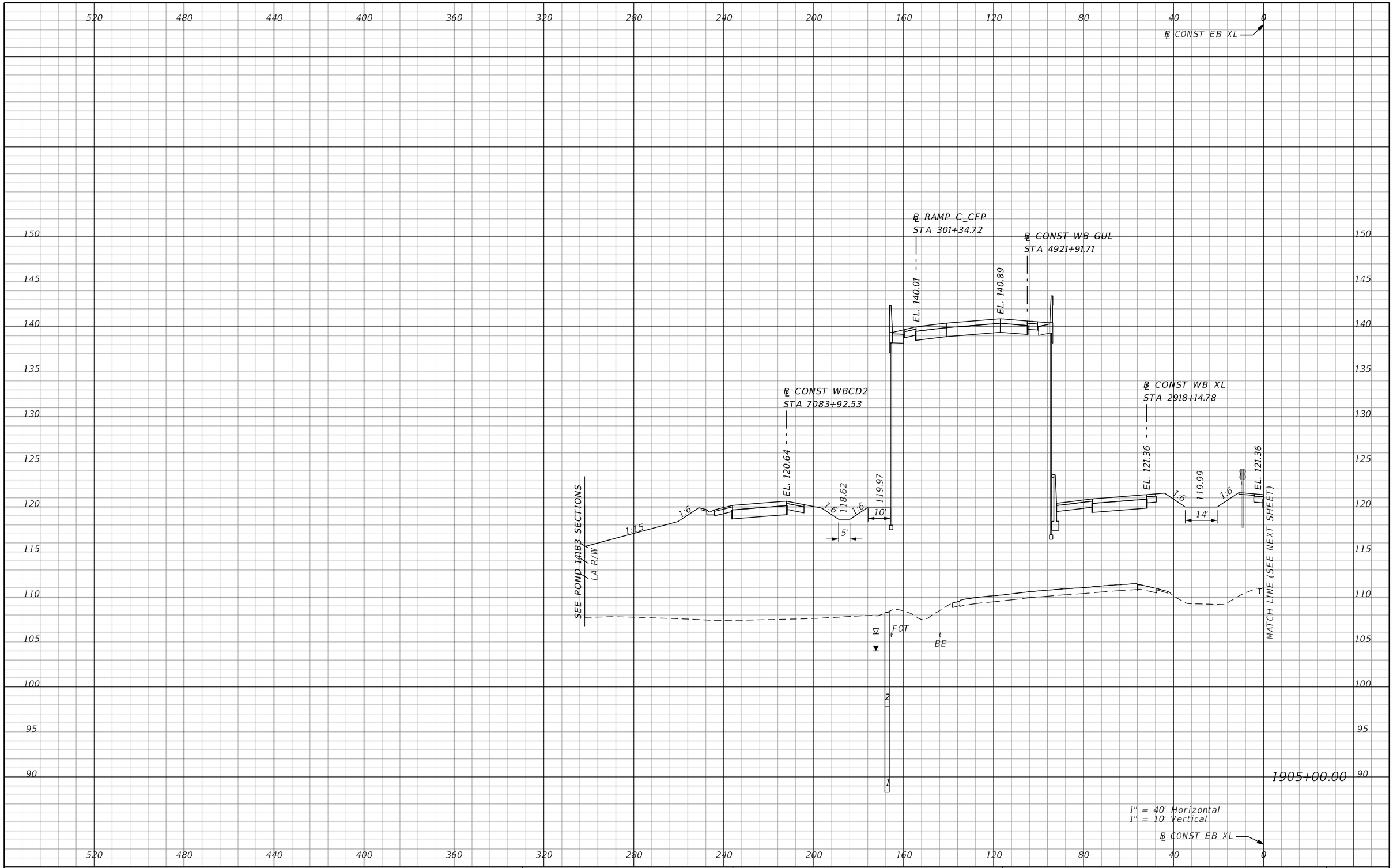
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 876

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 877

PRELIMINARY: NOT FOR CONSTRUCTION

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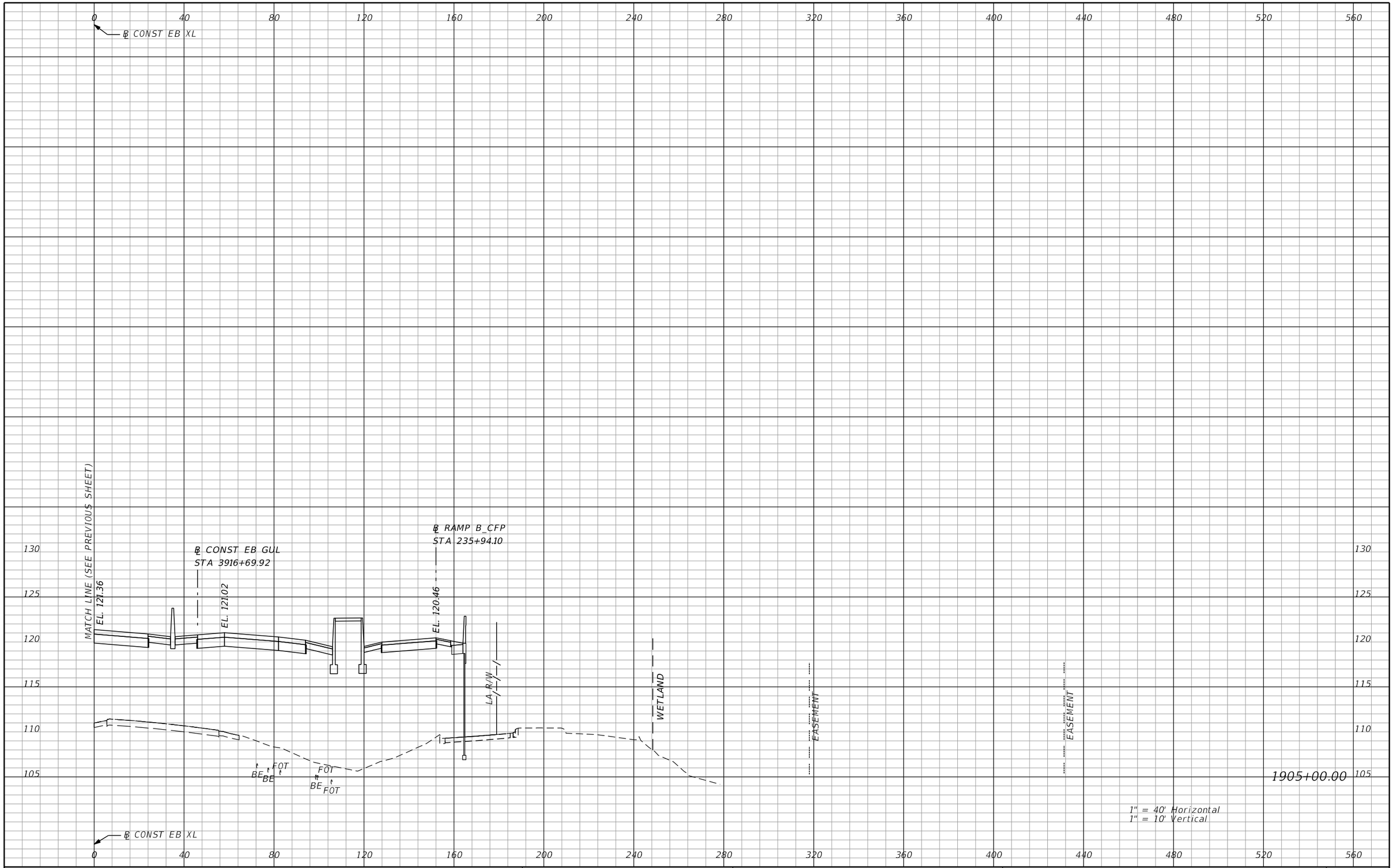

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 878

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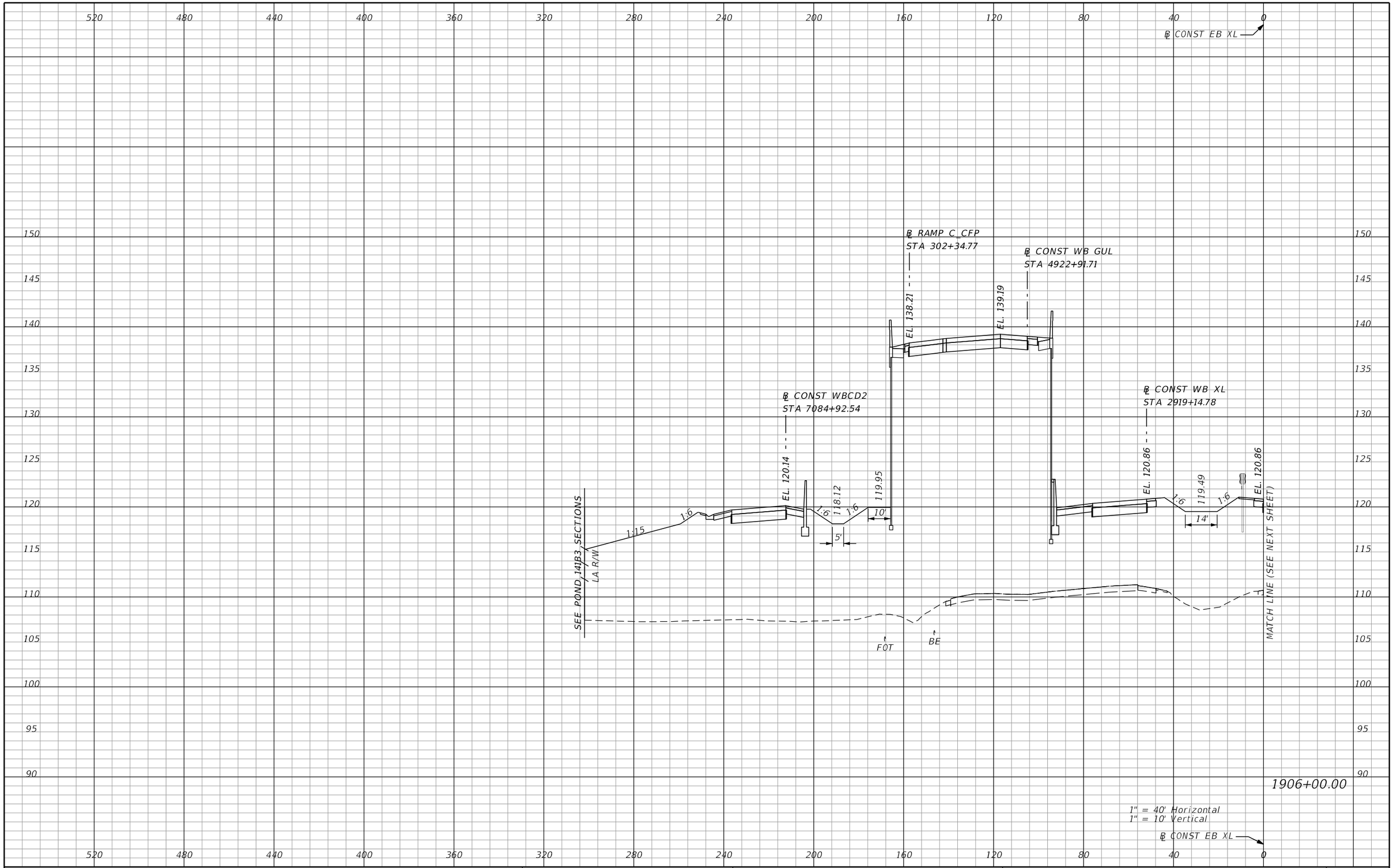

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 879

PRELIMINARY: NOT FOR CONSTRUCTION

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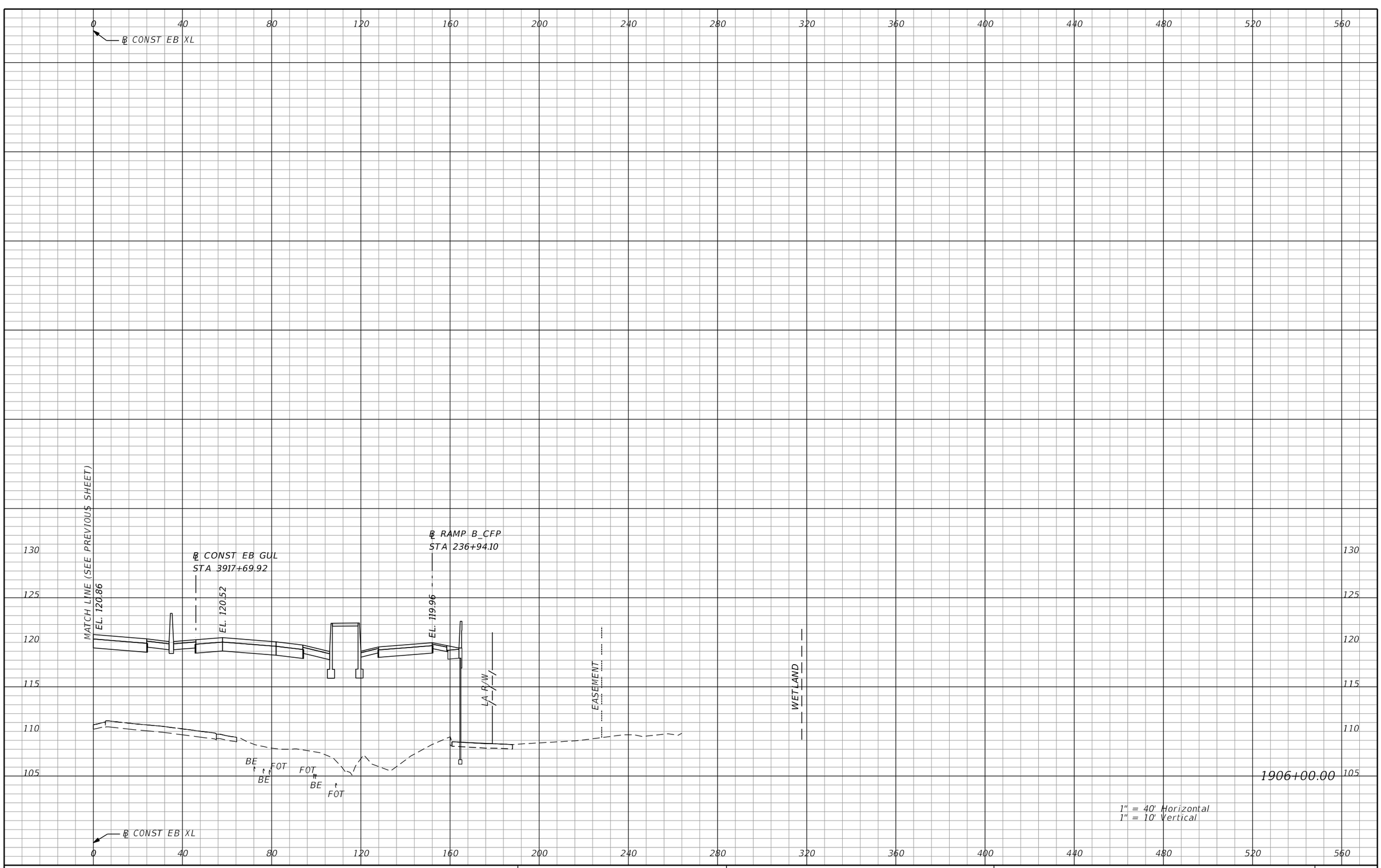

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 880

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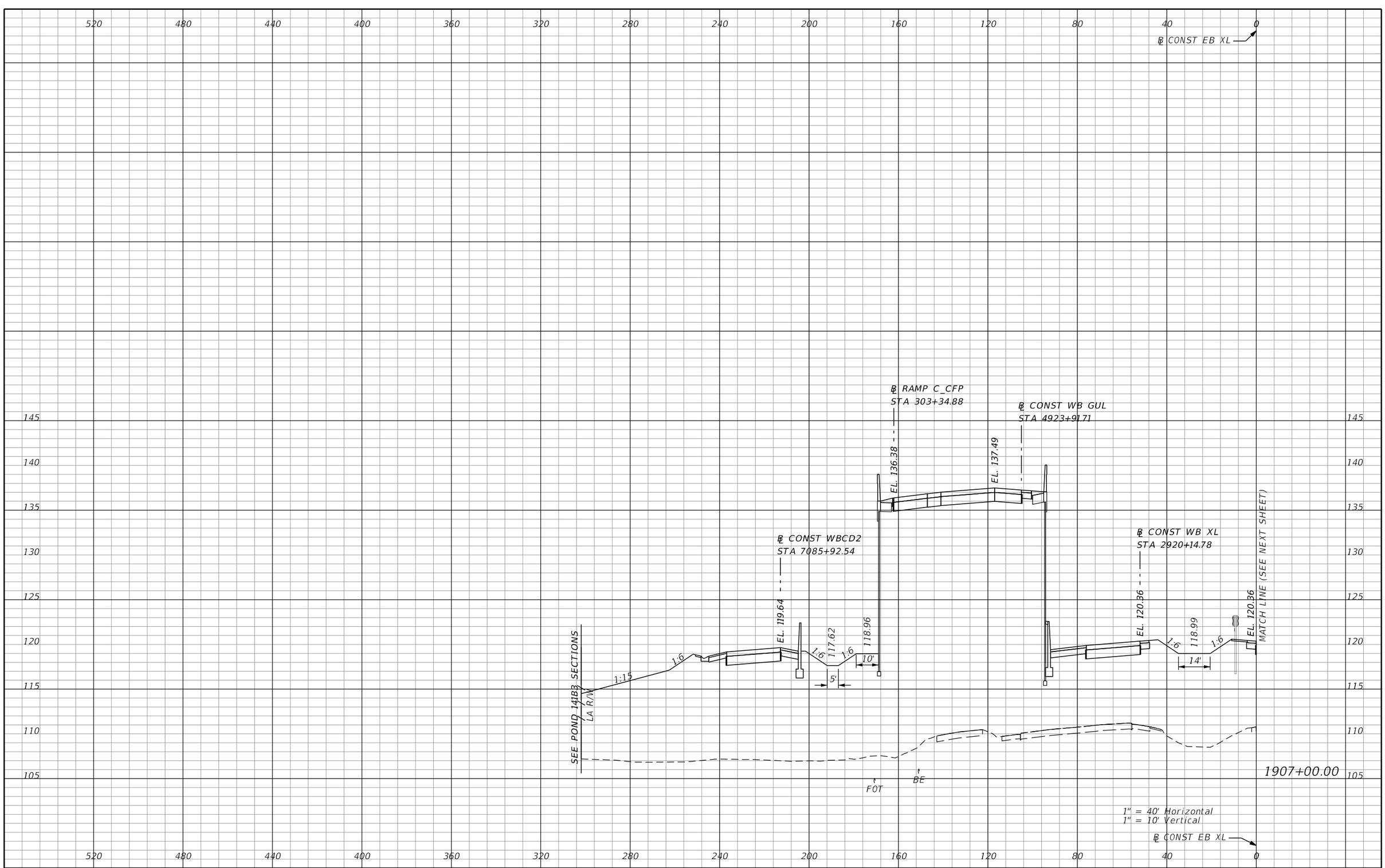

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 881

PRELIMINARY: NOT FOR CONSTRUCTION

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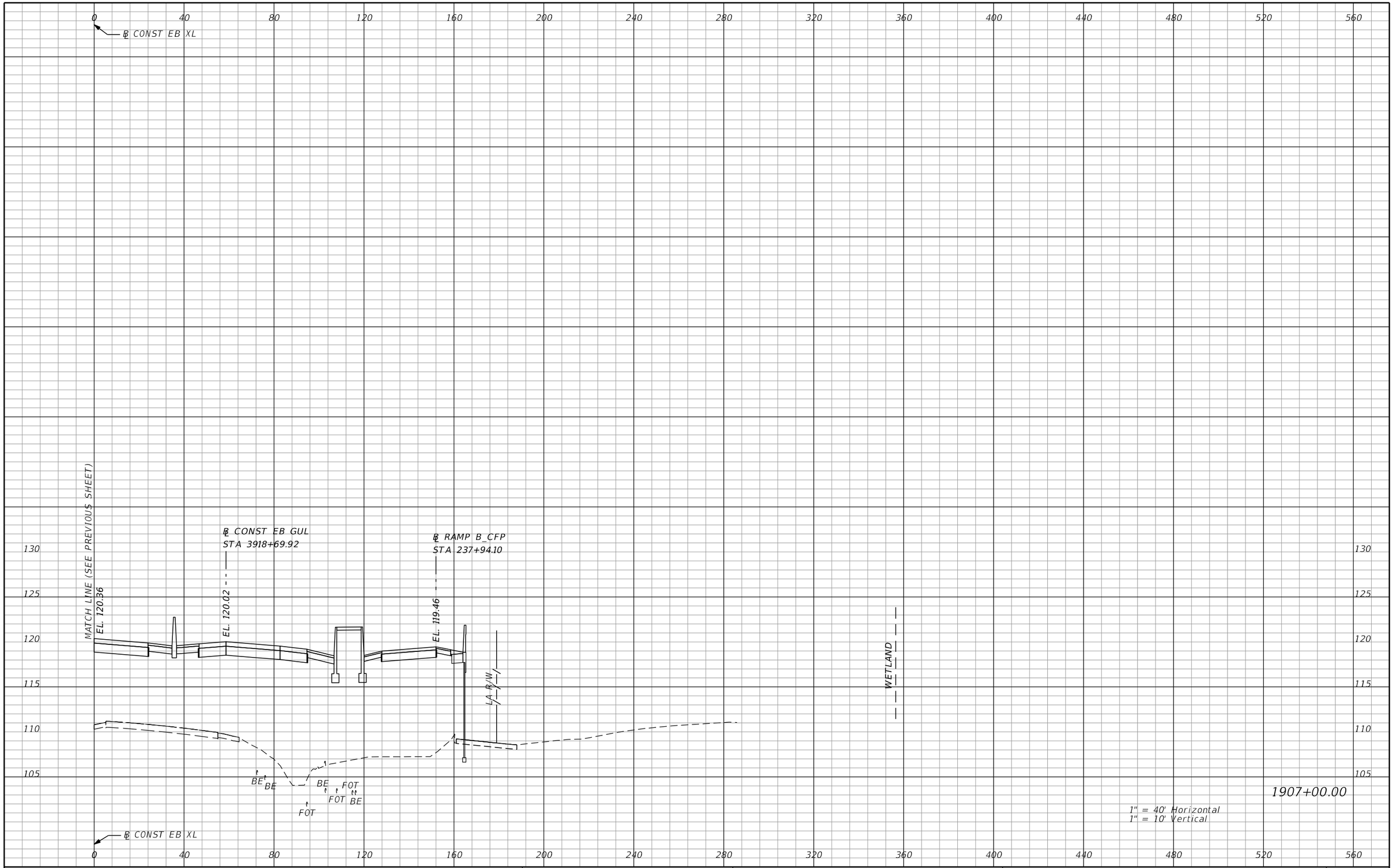

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 882

PRELIMINARY: NOT FOR CONSTRUCTION

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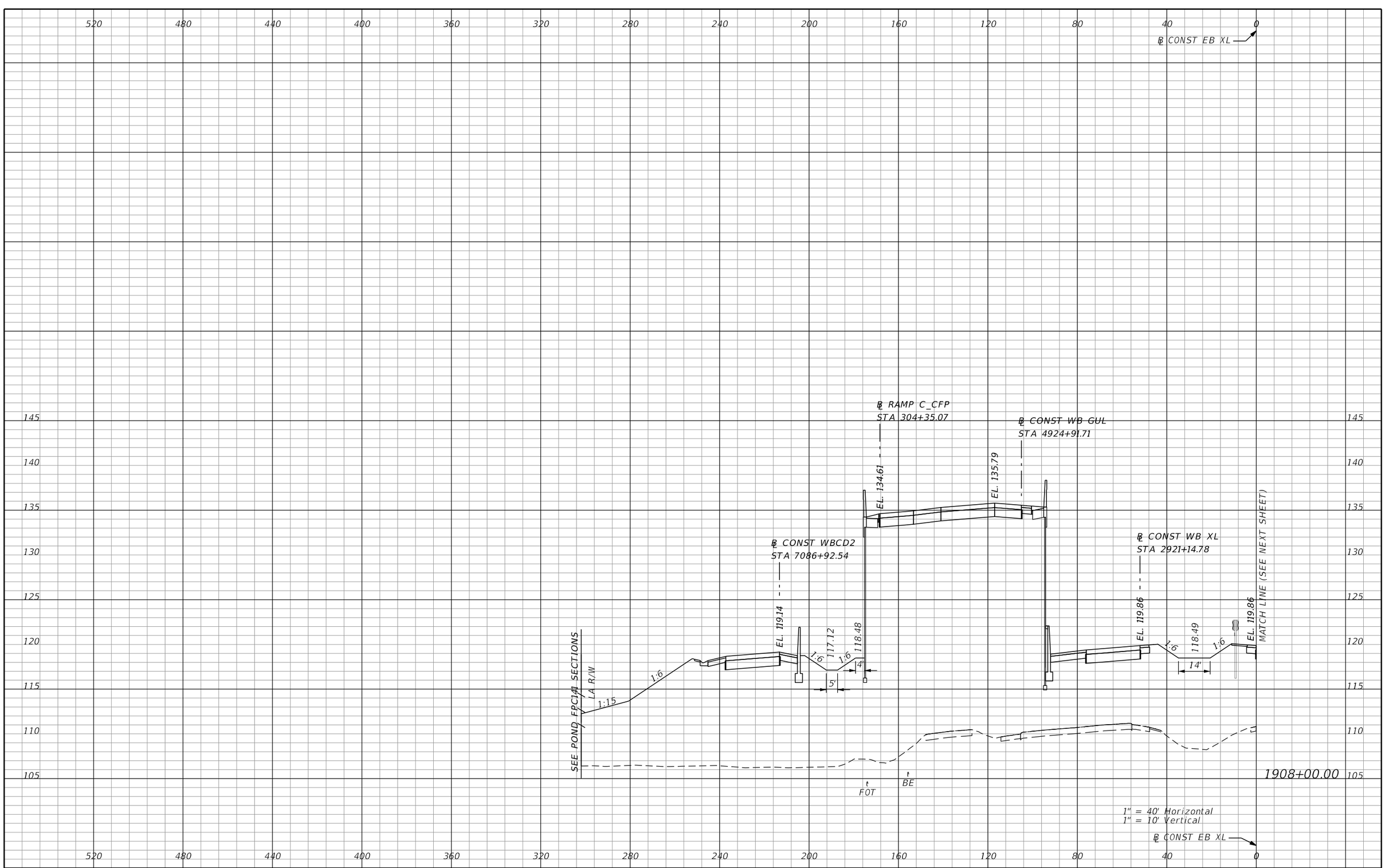

REVISIONS			
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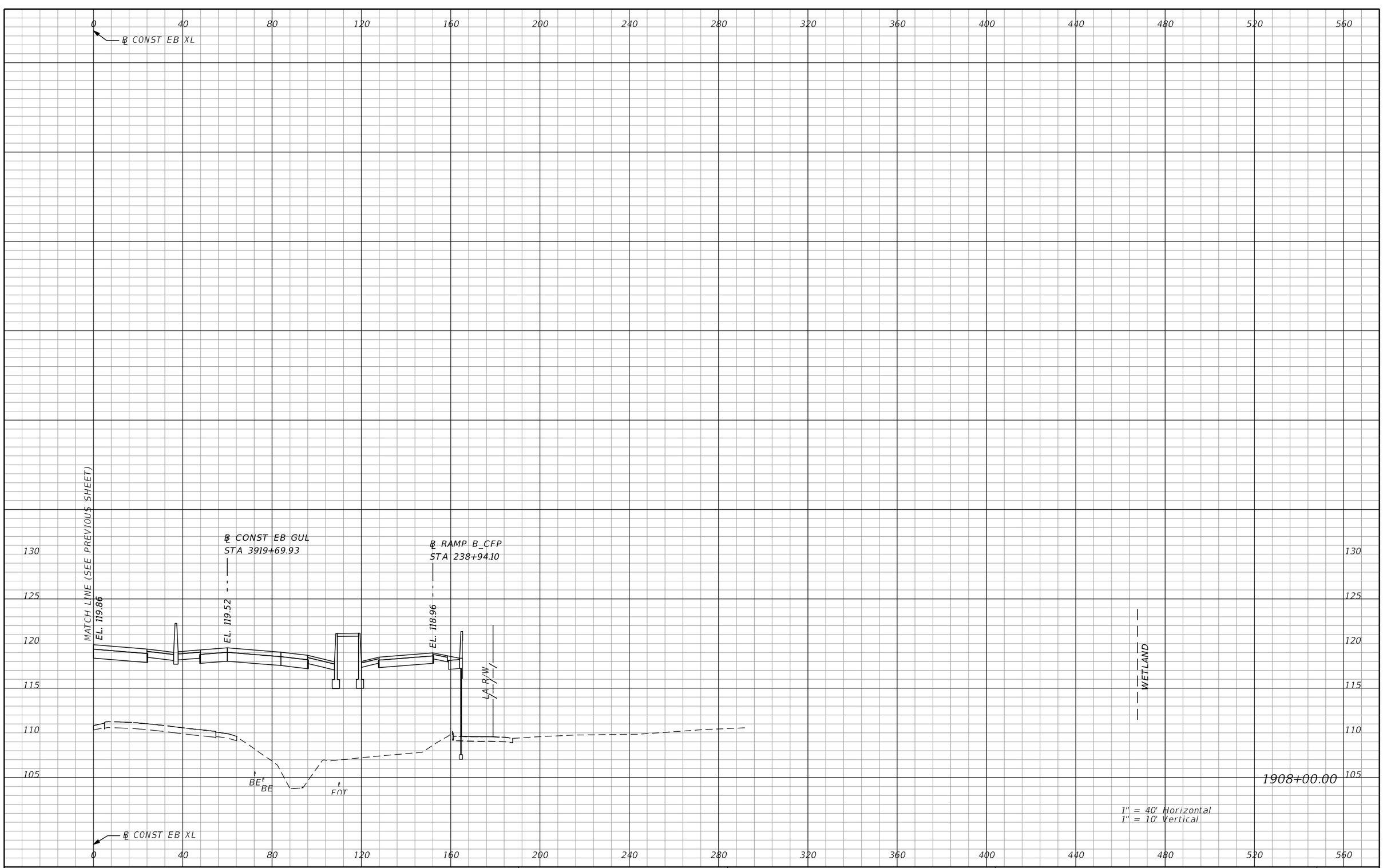
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 883

PRELIMINARY: NOT FOR CONSTRUCTION



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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 884

PRELIMINARY: NOT FOR CONSTRUCTION

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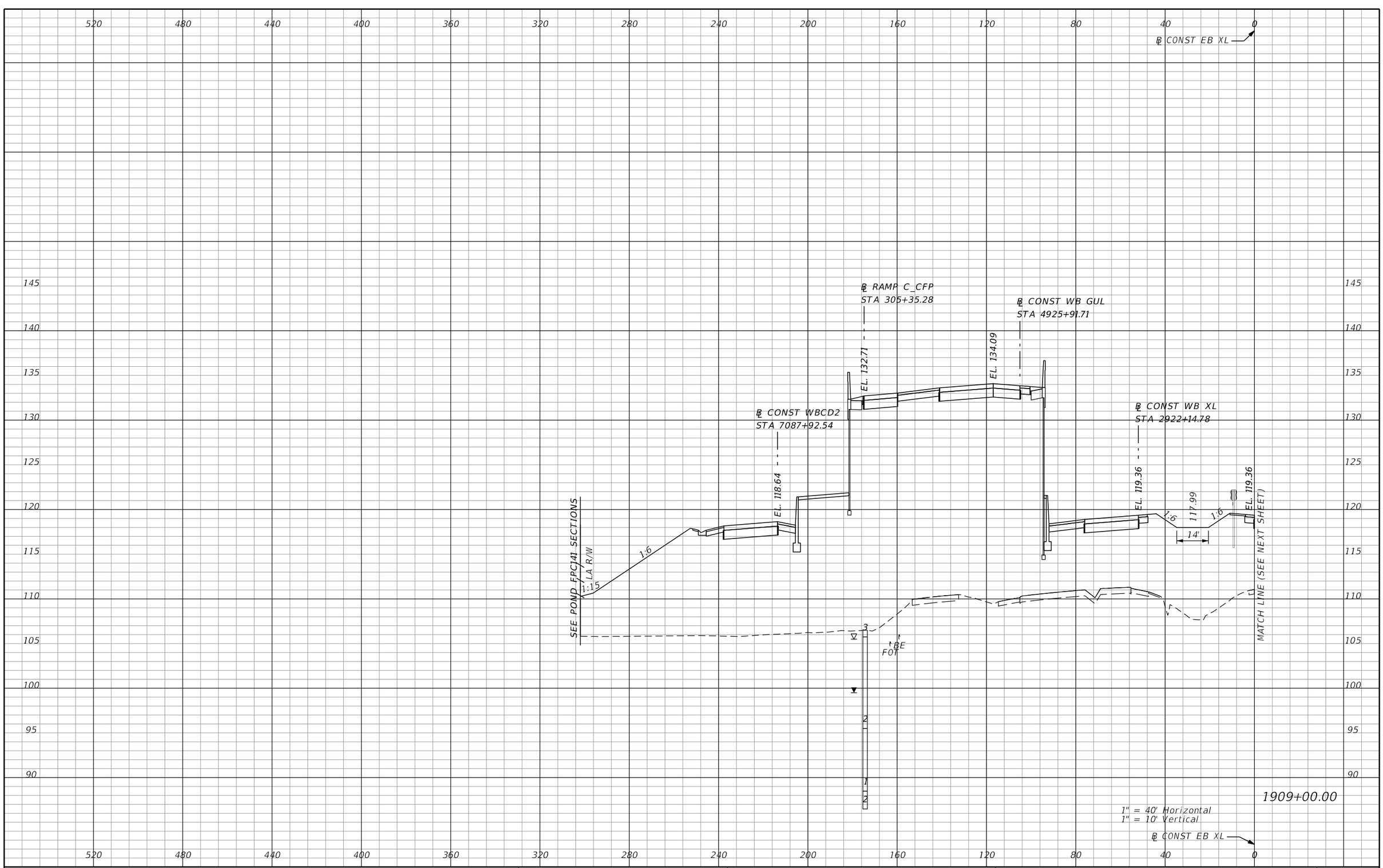

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 885

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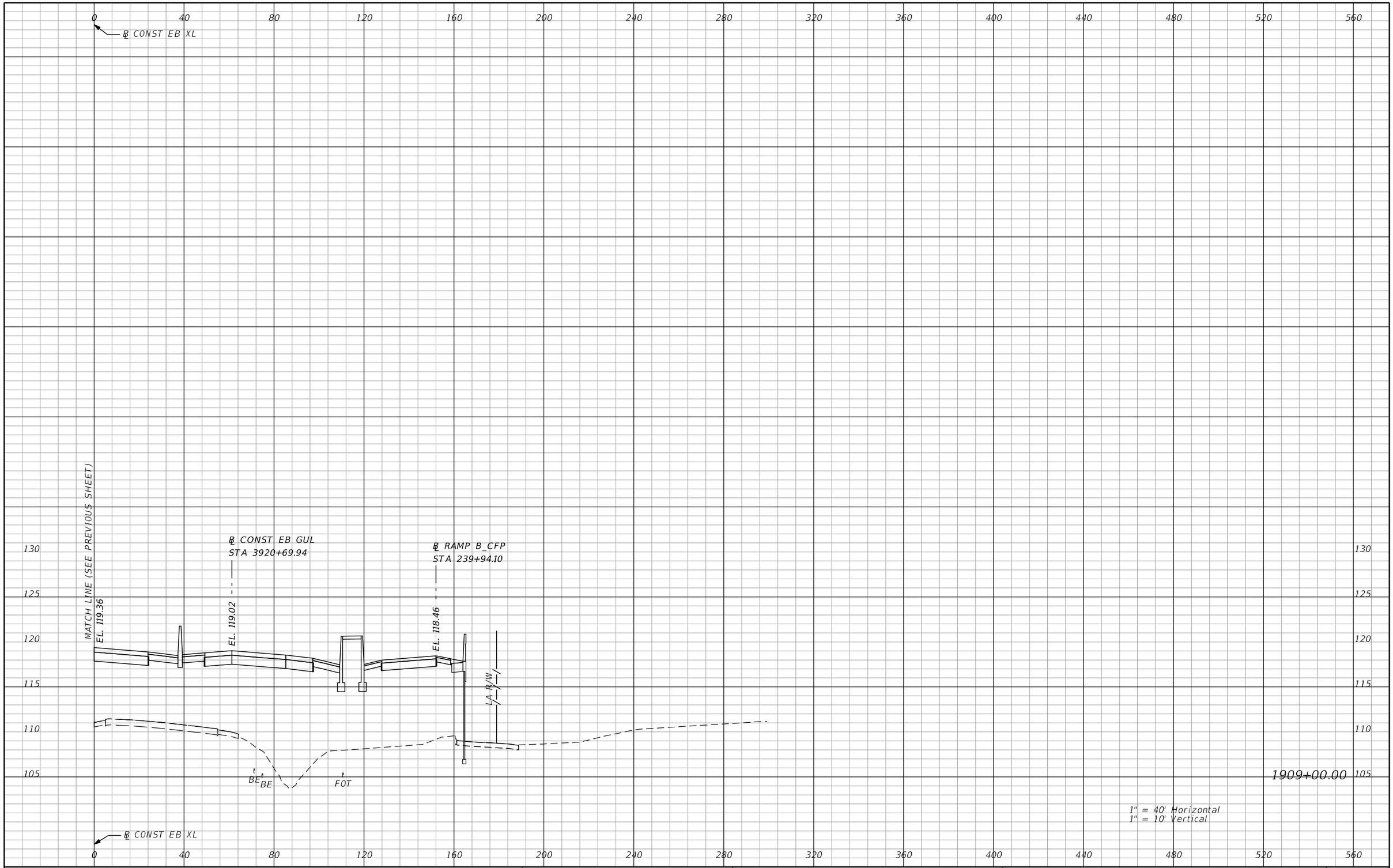

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 886

PRELIMINARY: NOT FOR CONSTRUCTION

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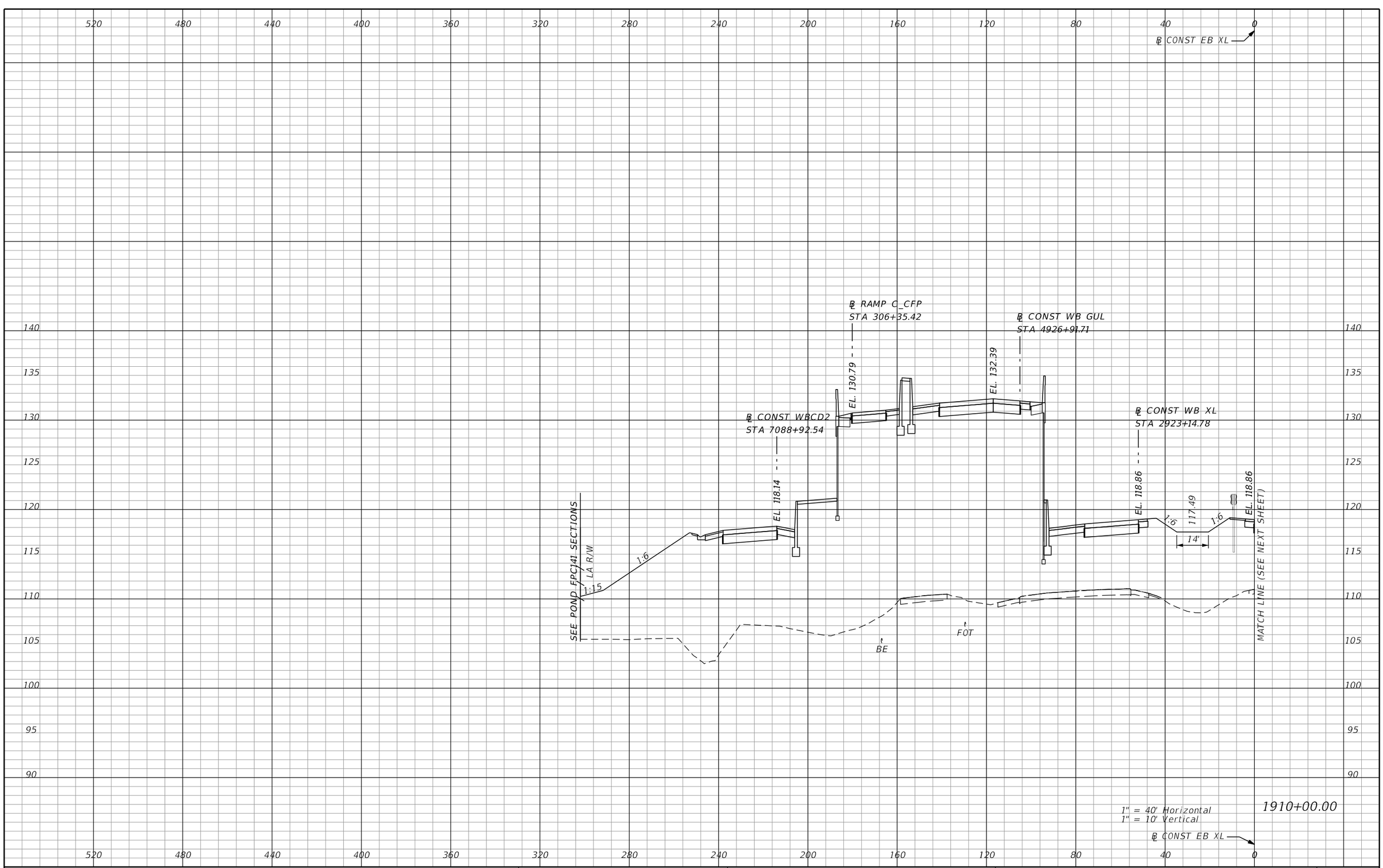

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 887

PRELIMINARY: NOT FOR CONSTRUCTION

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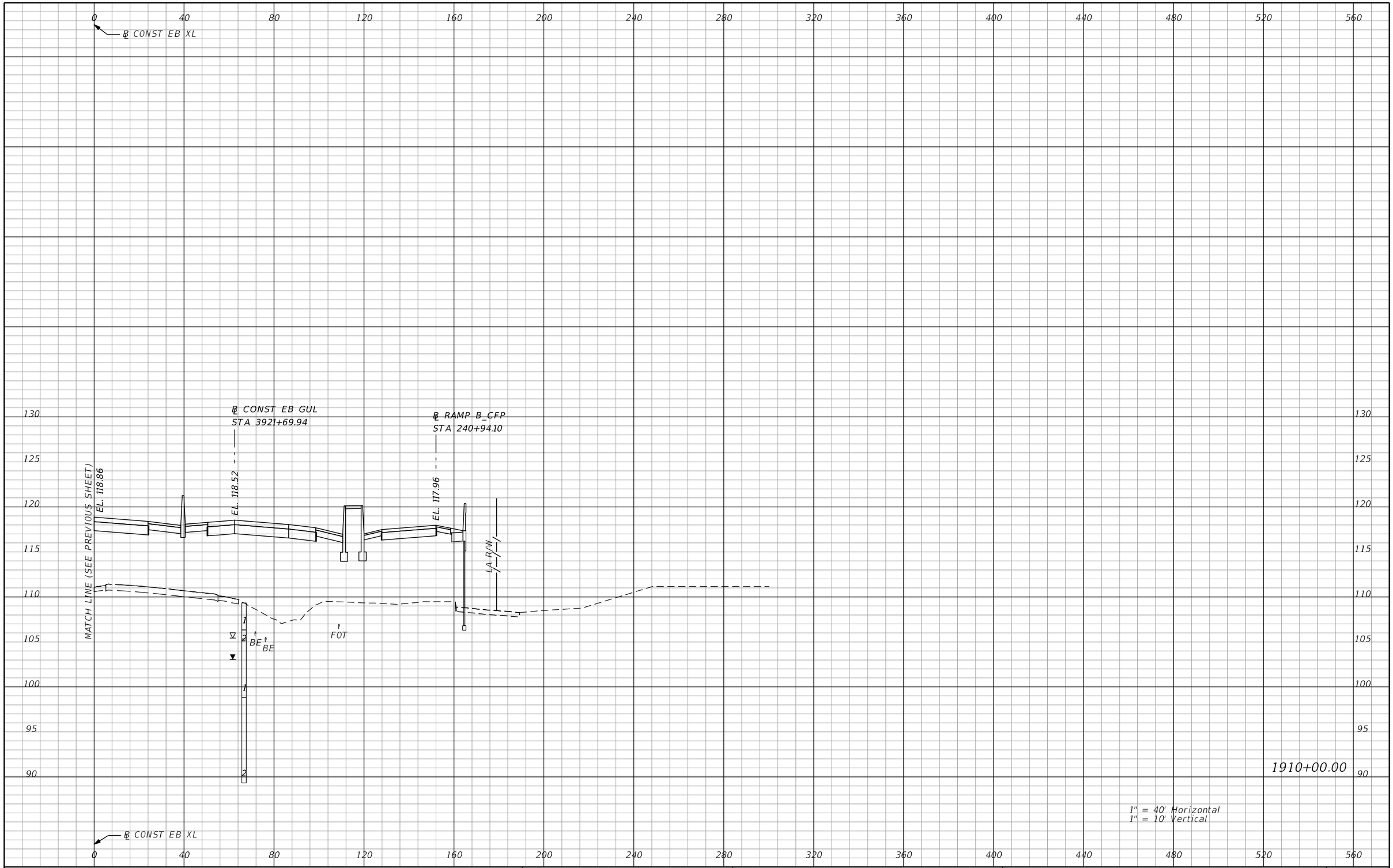

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 888

PRELIMINARY: NOT FOR CONSTRUCTION

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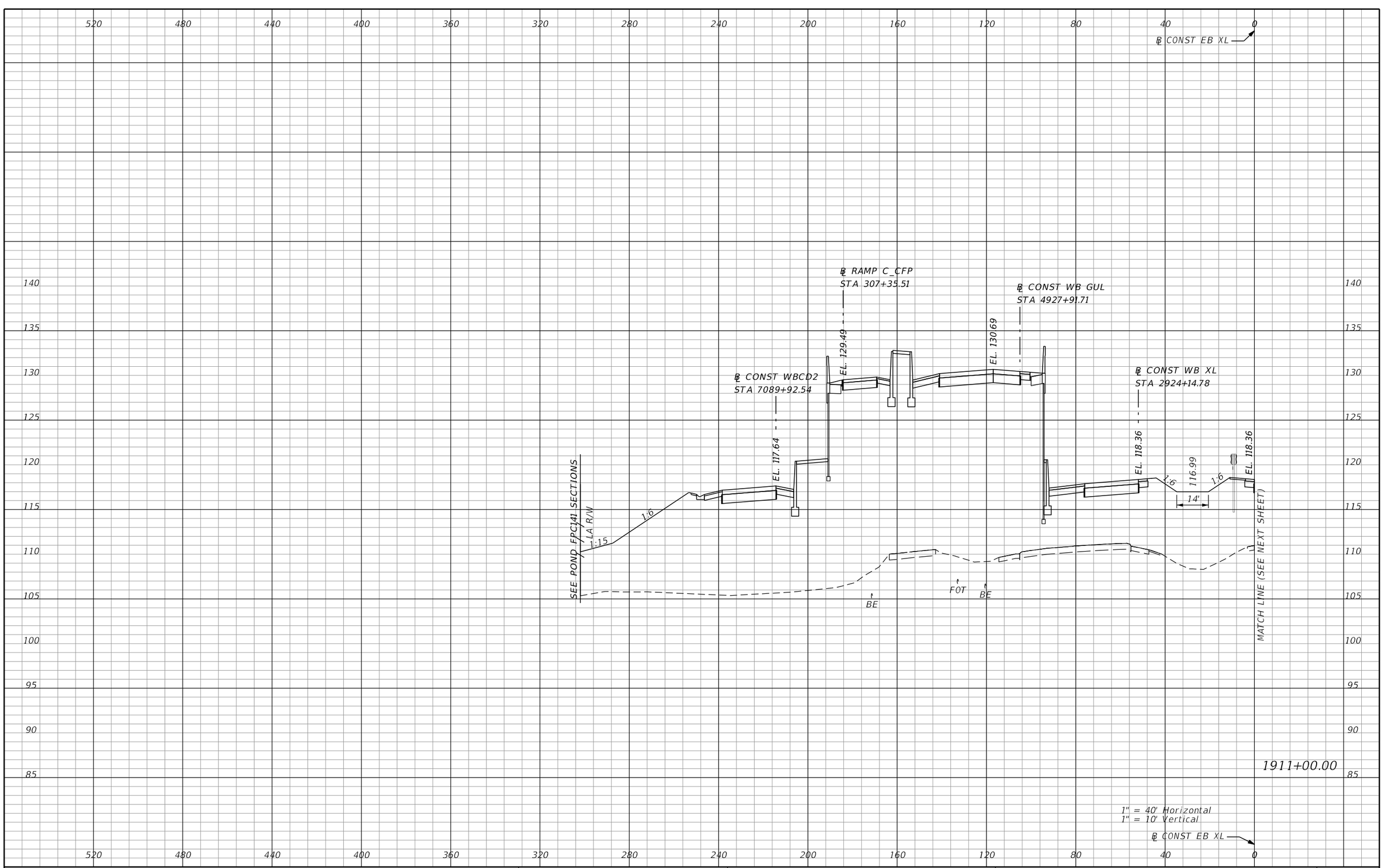

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 889

PRELIMINARY: NOT FOR CONSTRUCTION

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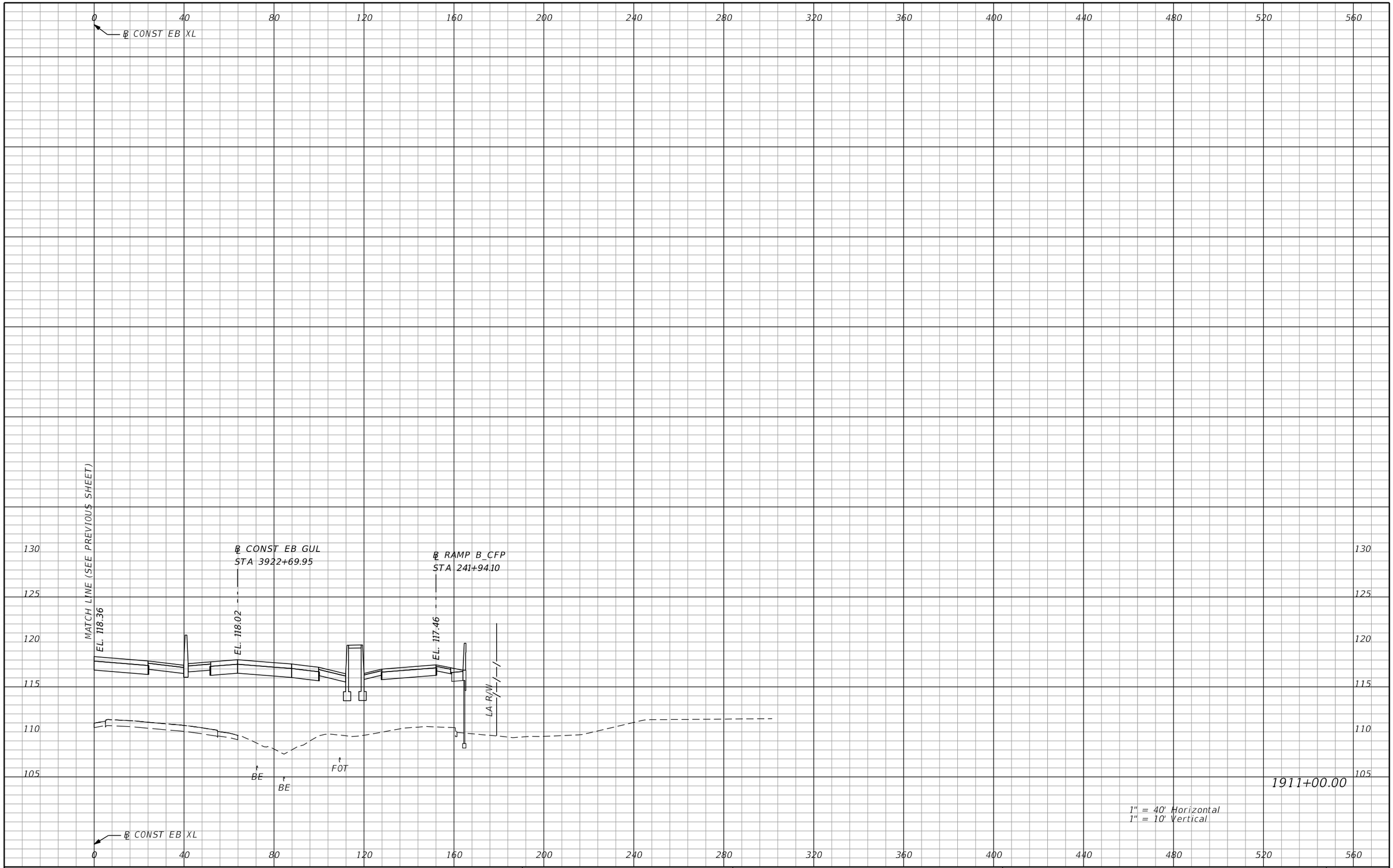

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 890

PRELIMINARY: NOT FOR CONSTRUCTION

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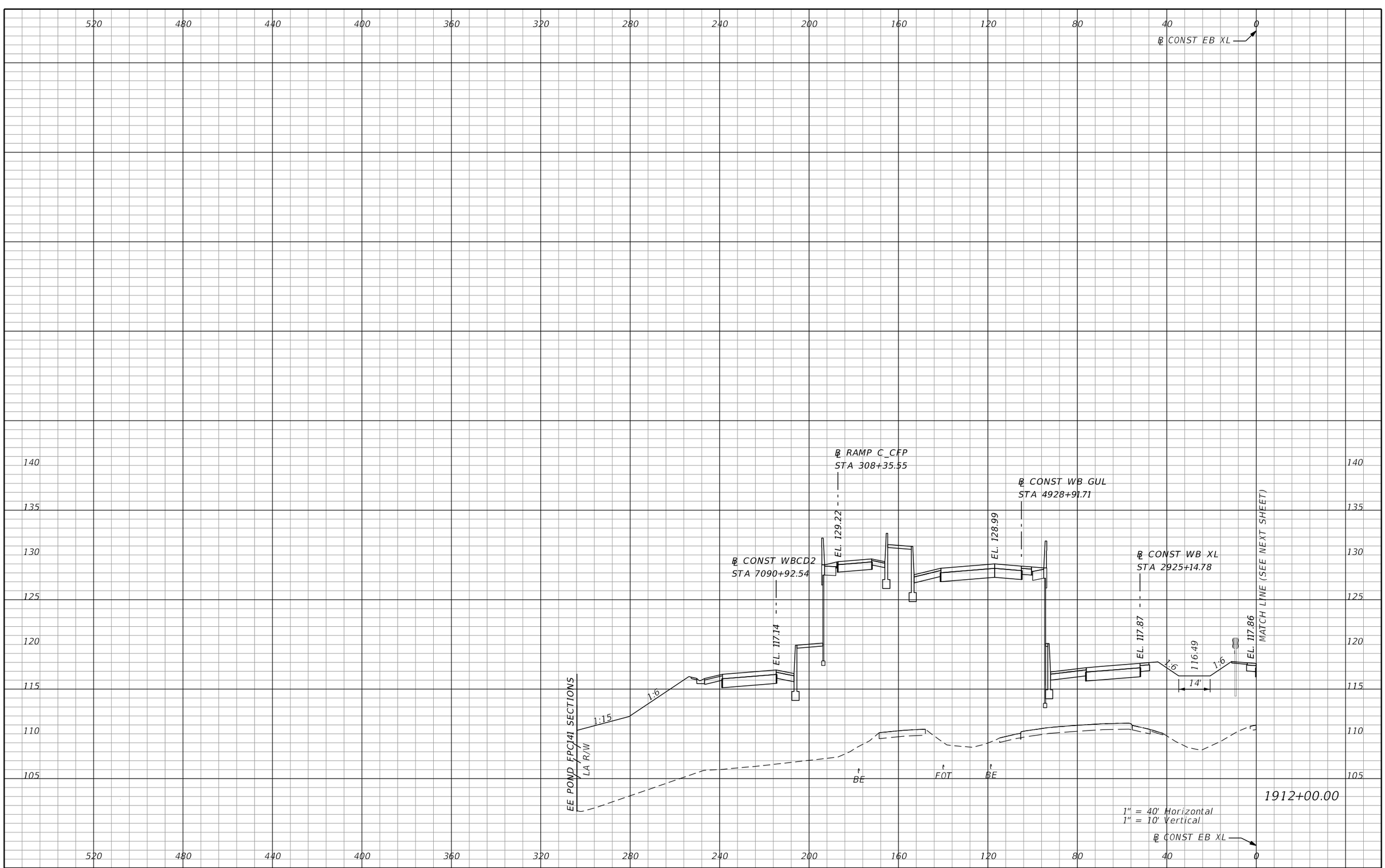

REVISIONS			
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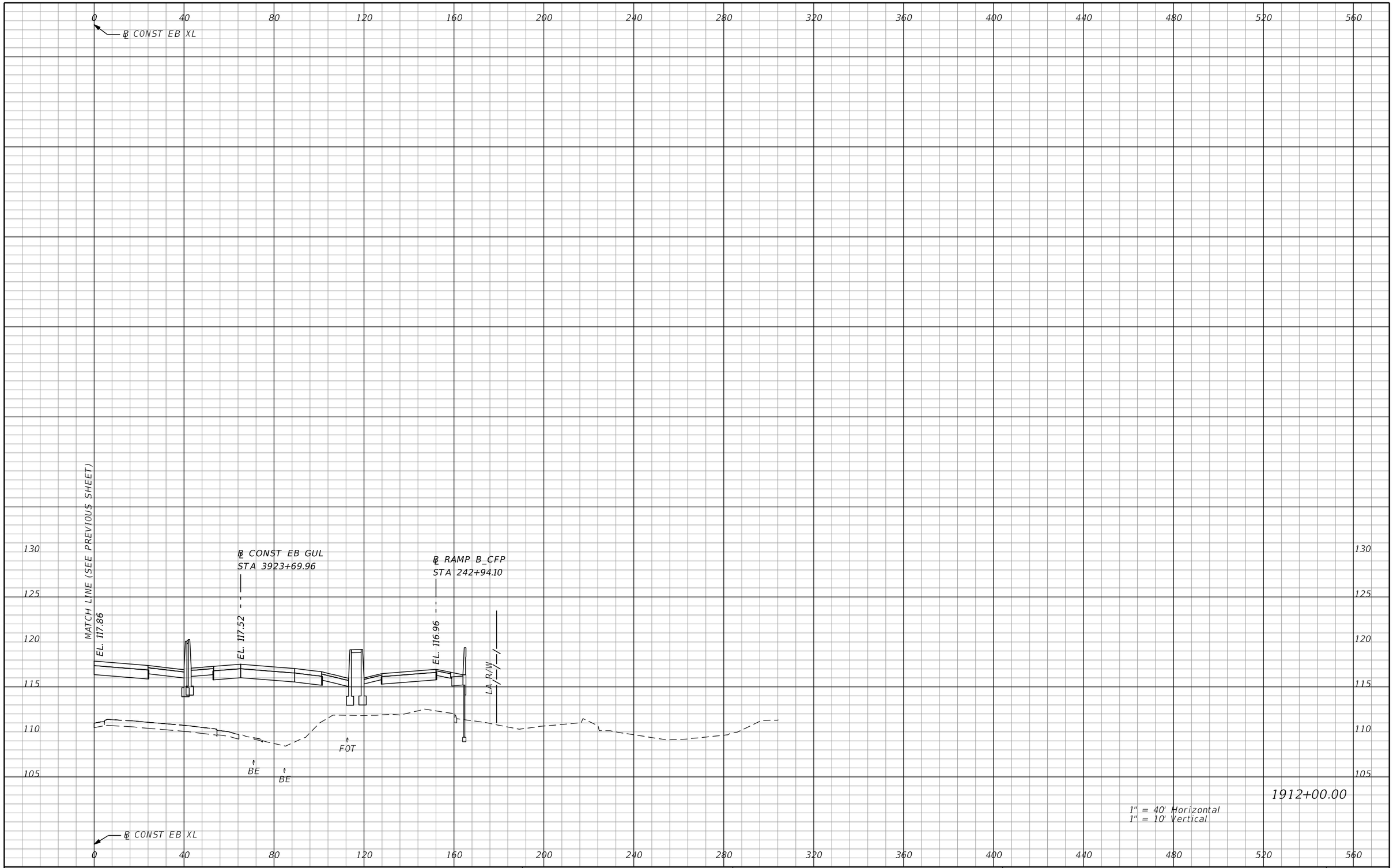
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 891

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 892

PRELIMINARY: NOT FOR CONSTRUCTION

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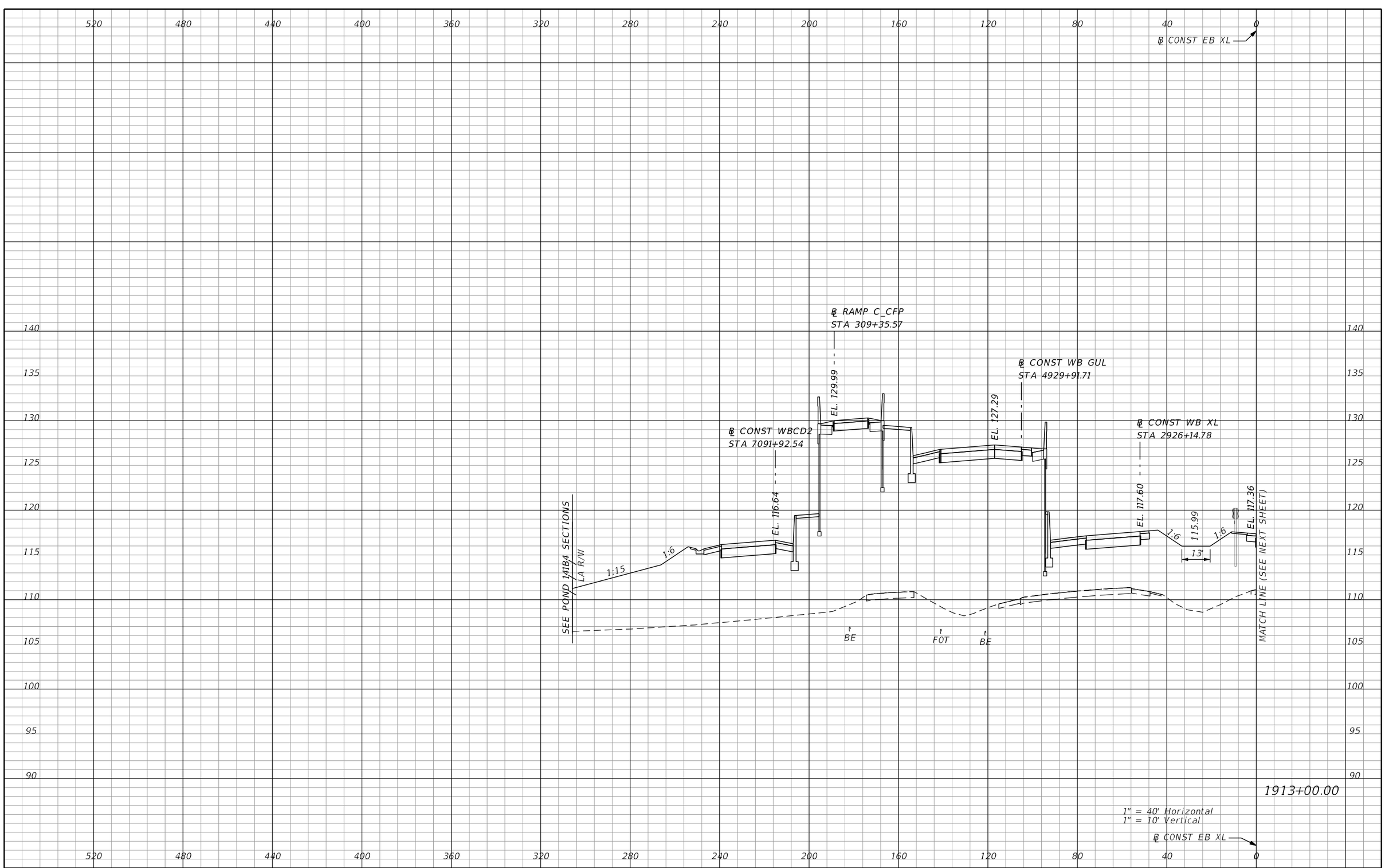

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 893

PRELIMINARY: NOT FOR CONSTRUCTION

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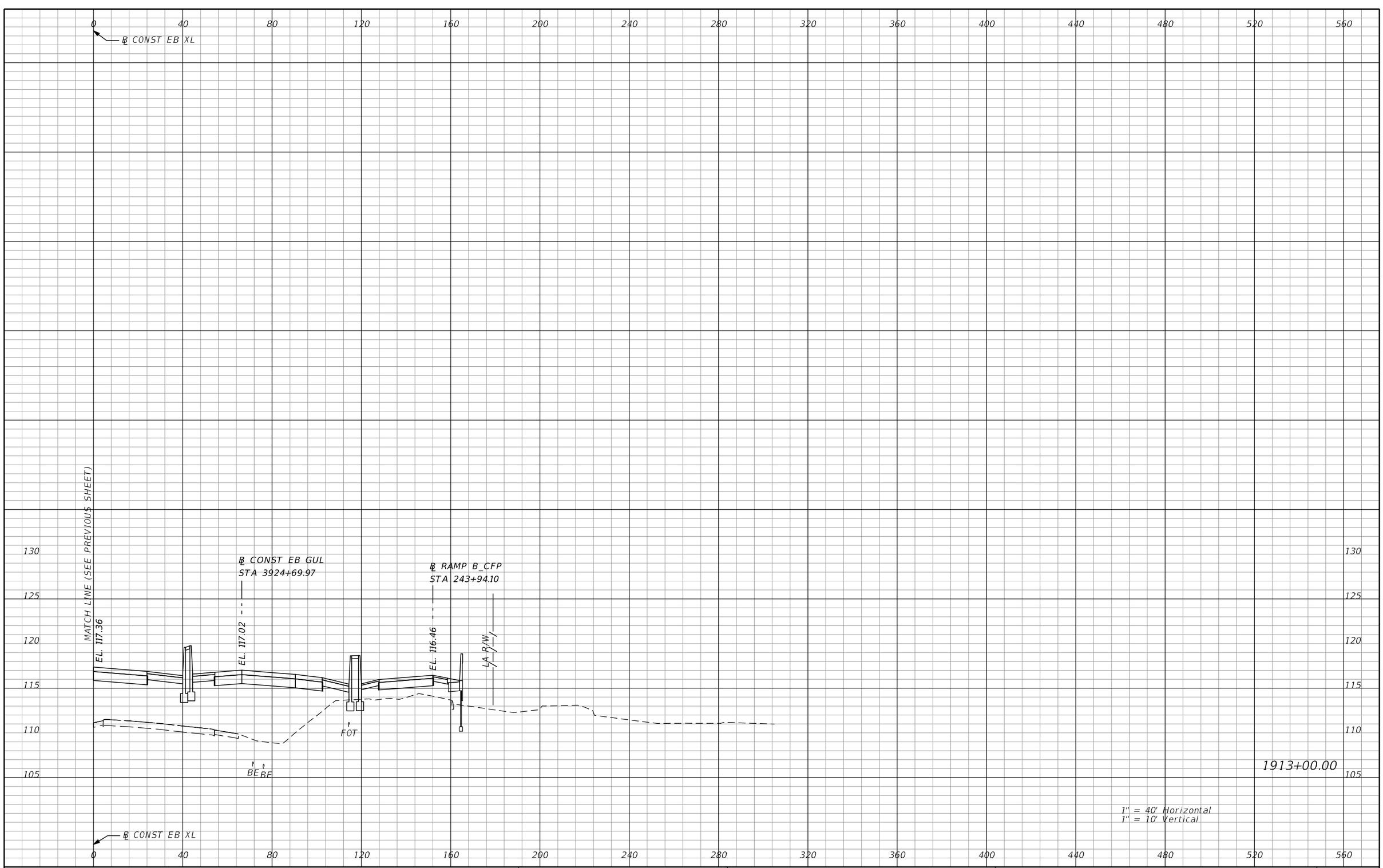

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 894

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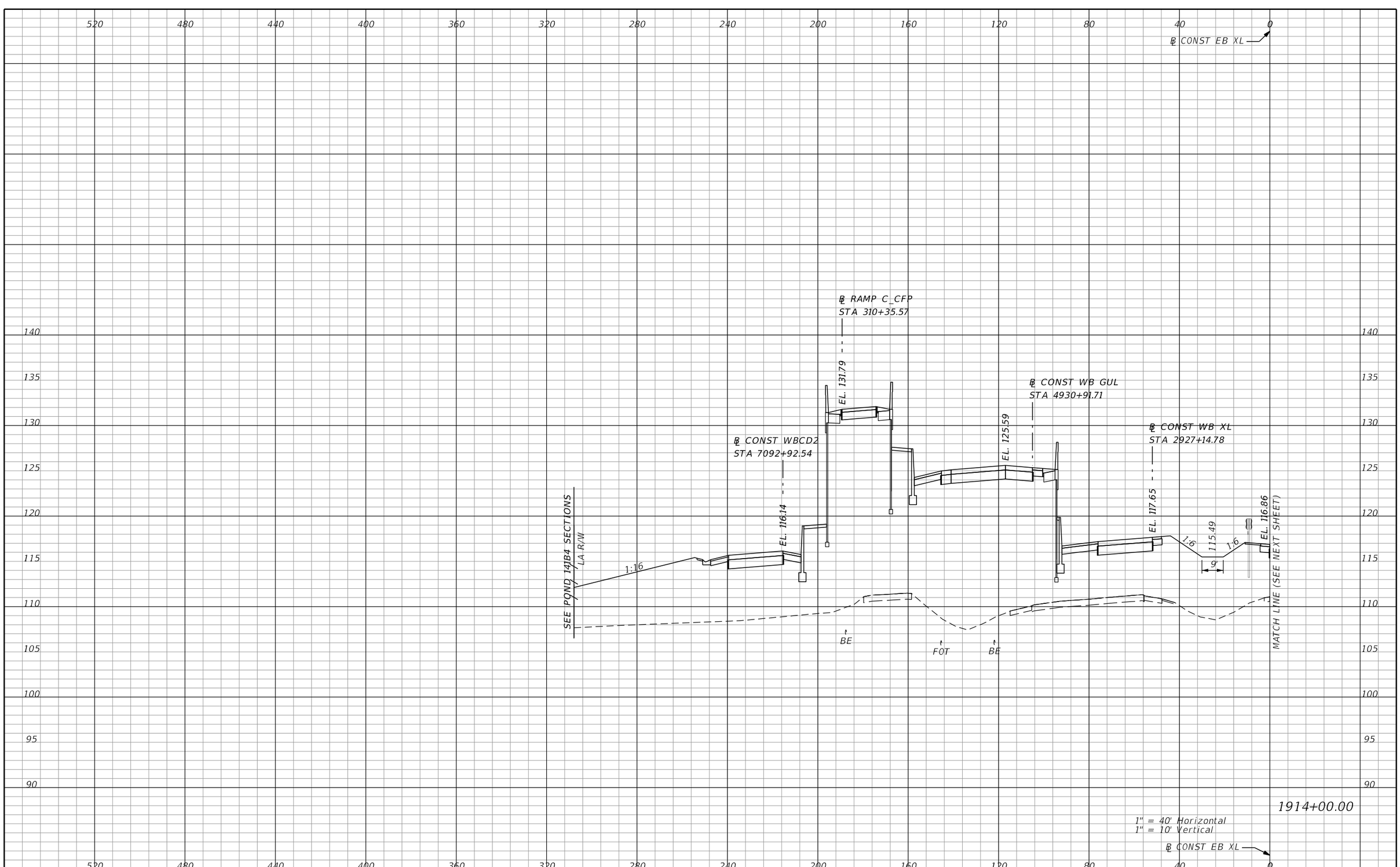

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 895

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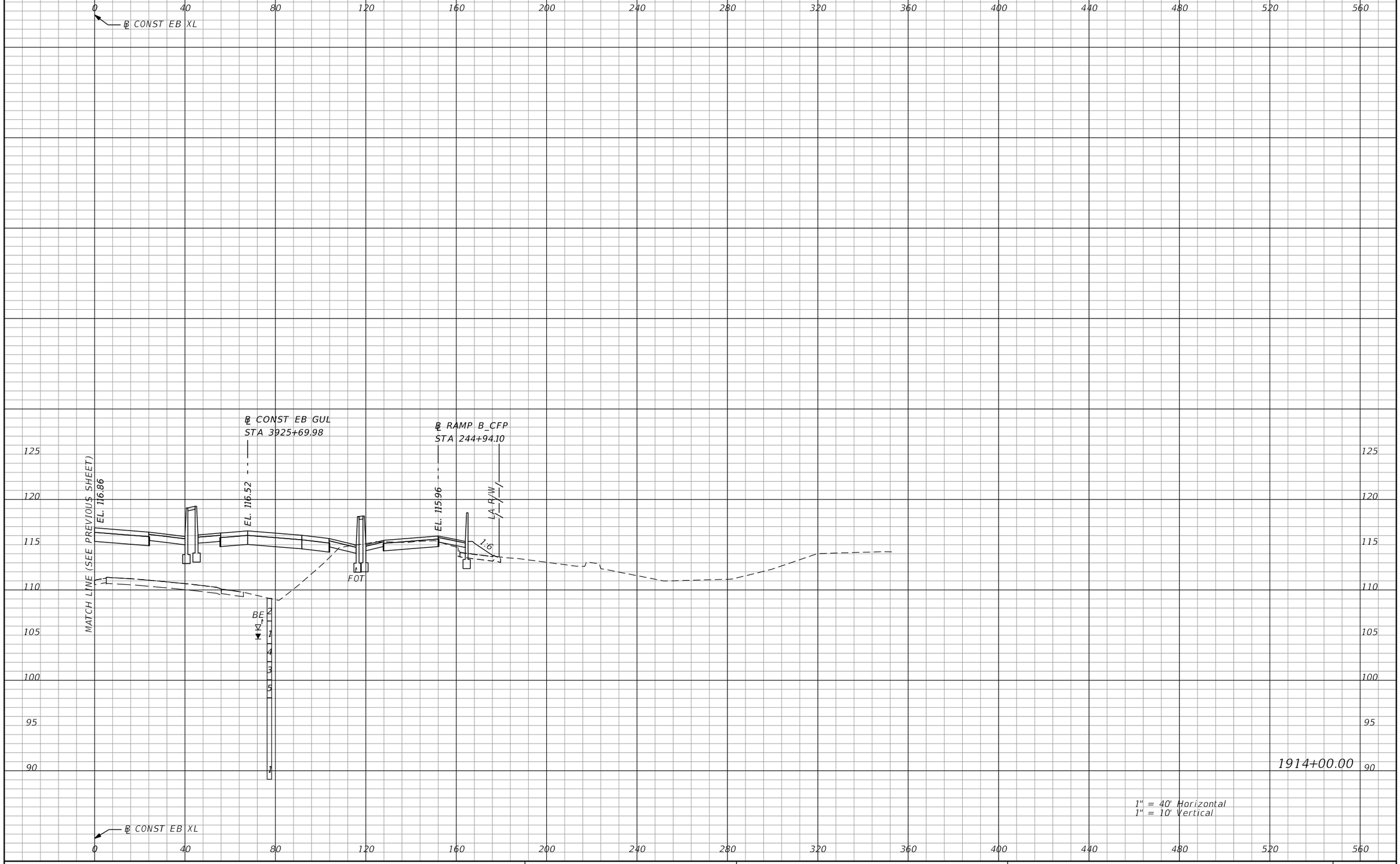

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 896

PRELIMINARY: NOT FOR CONSTRUCTION

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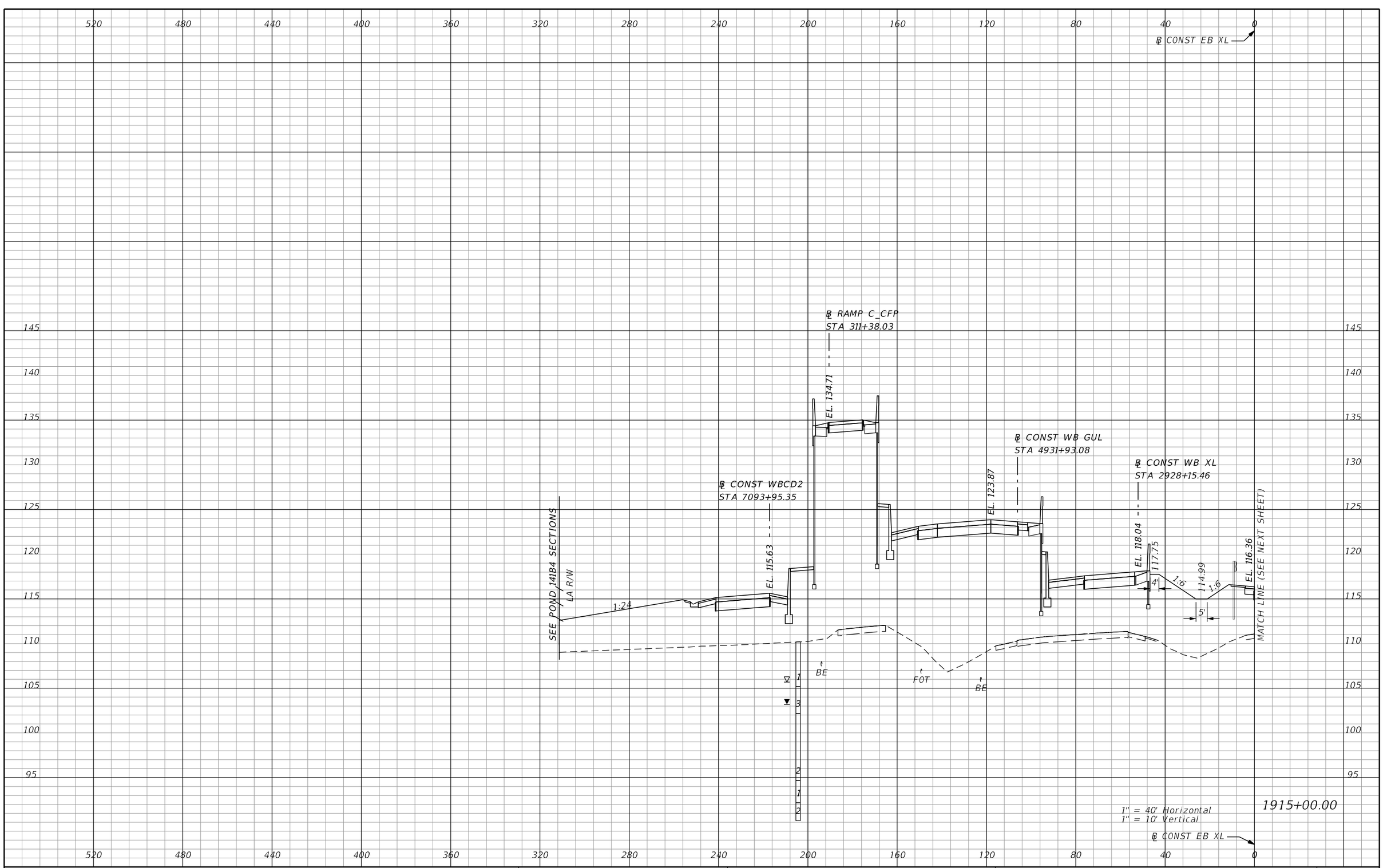

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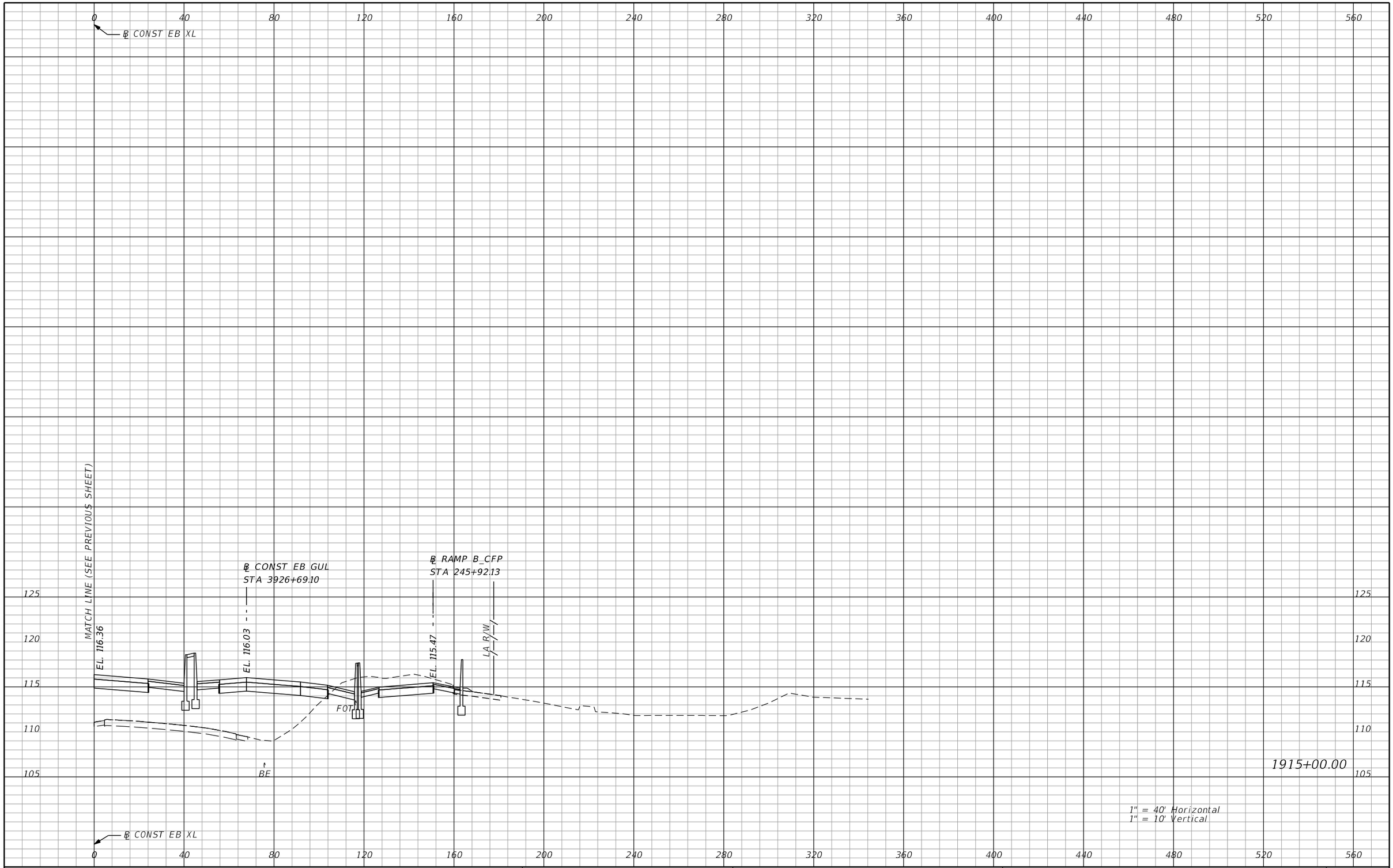
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 897

PRELIMINARY: NOT FOR CONSTRUCTION



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SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 898

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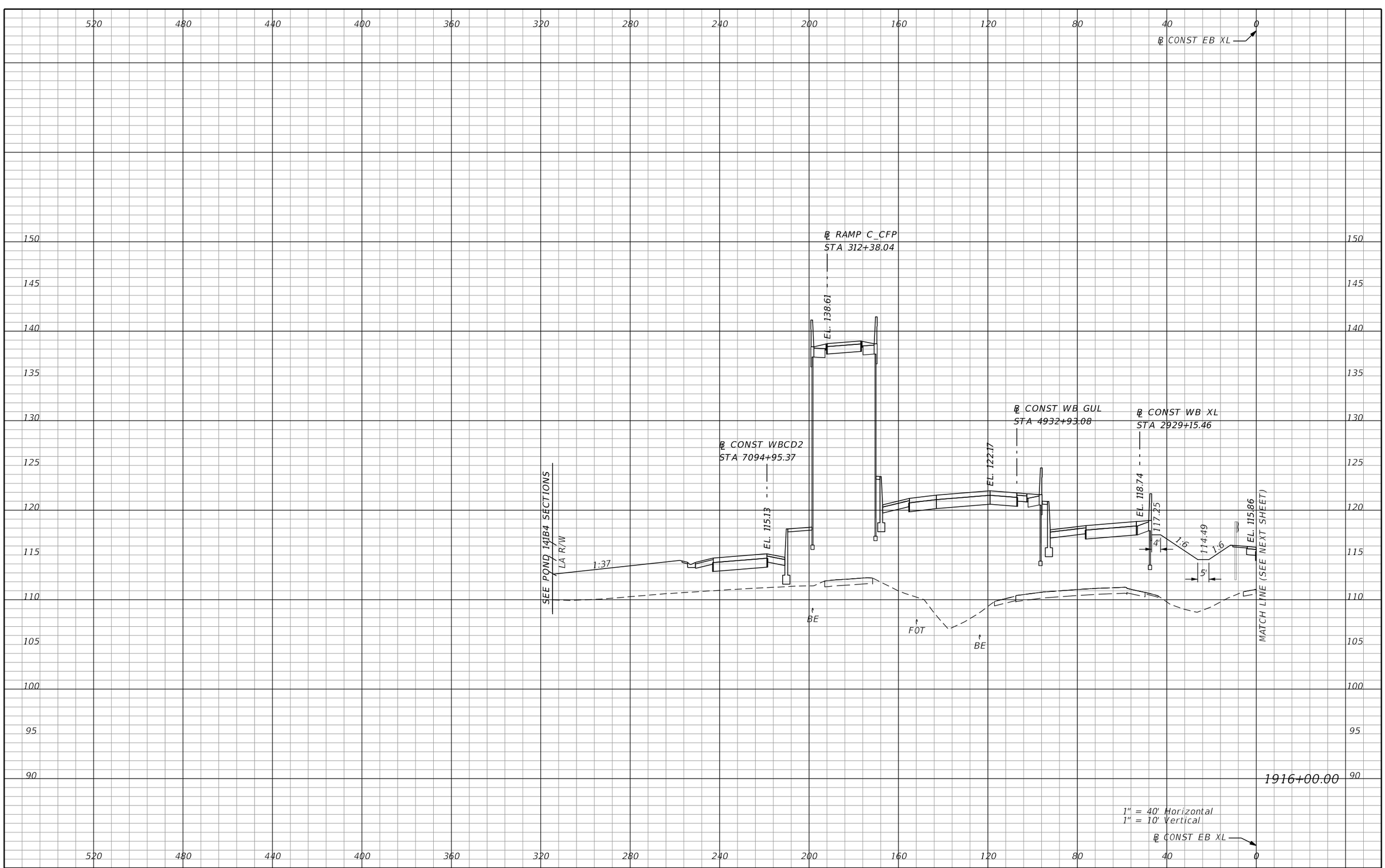

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 899

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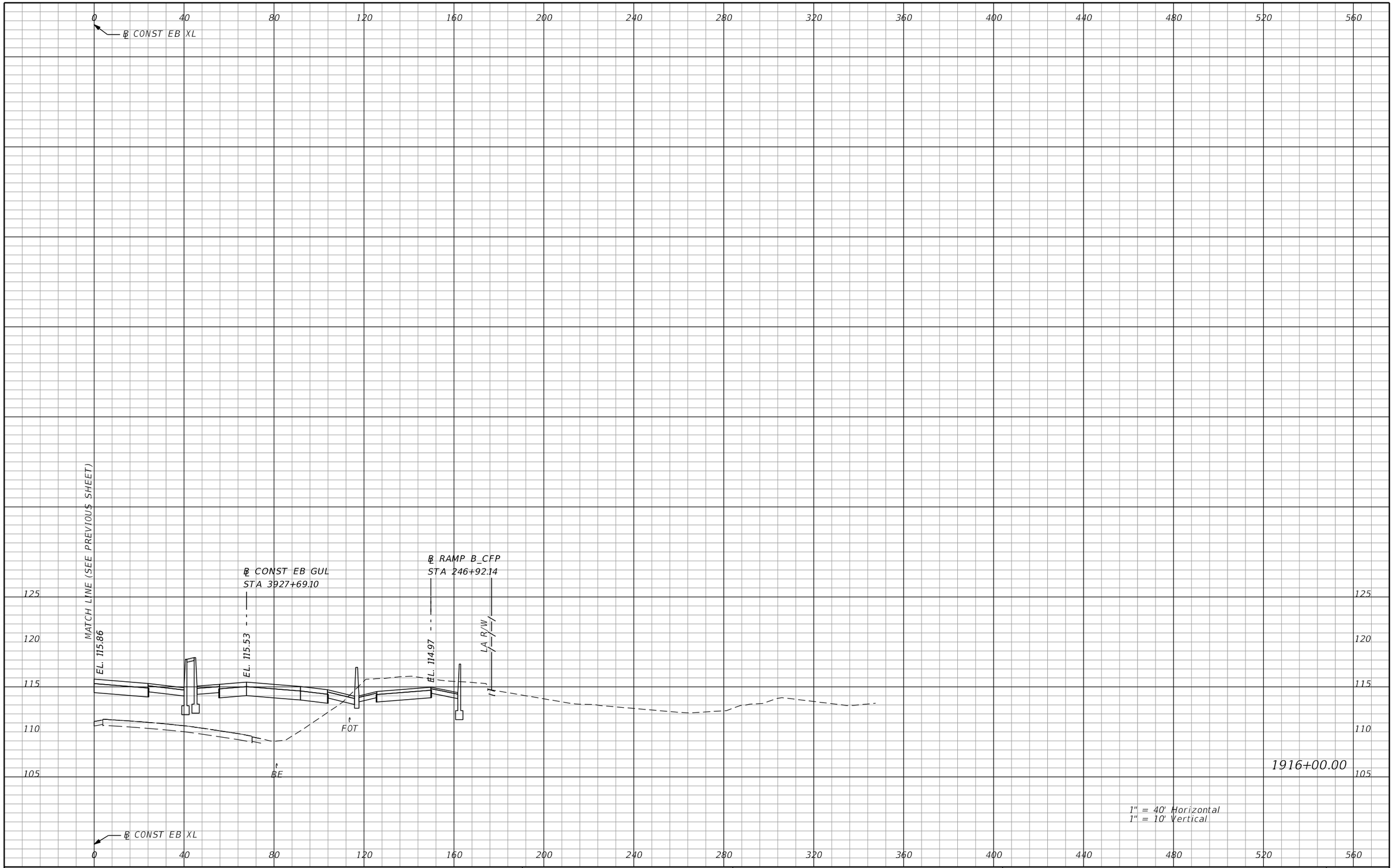

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 900

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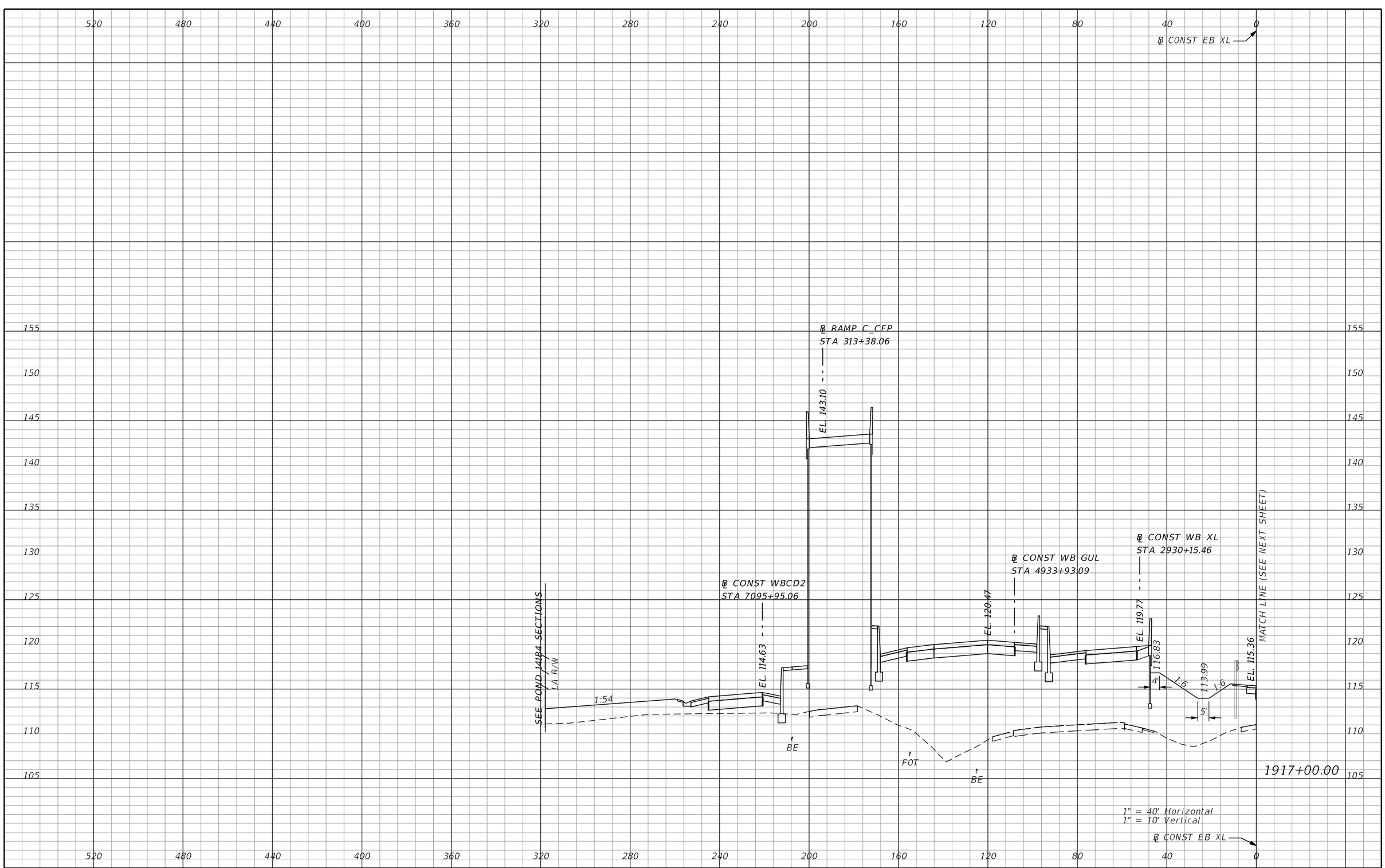

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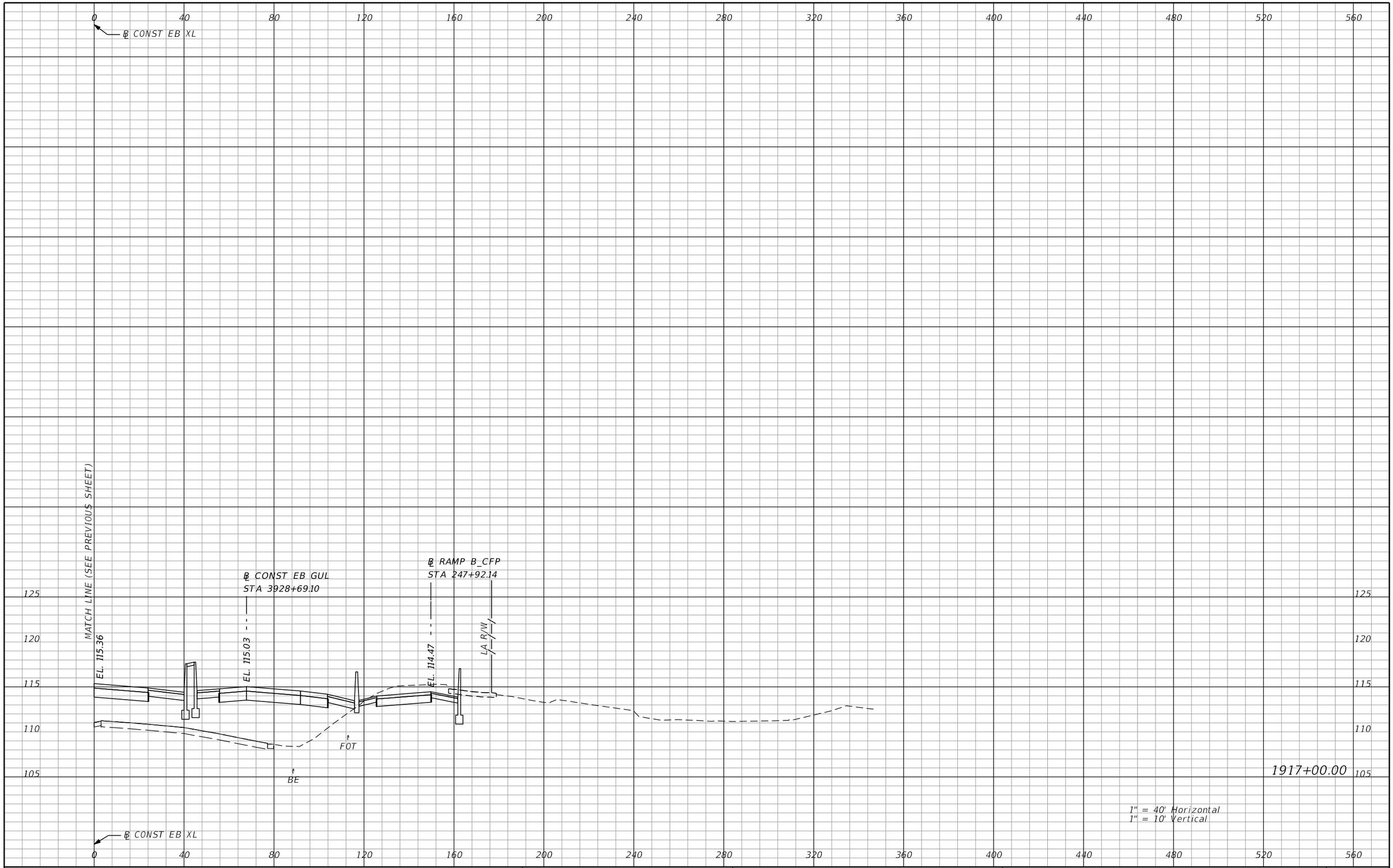
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 901

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 902

PRELIMINARY: NOT FOR CONSTRUCTION

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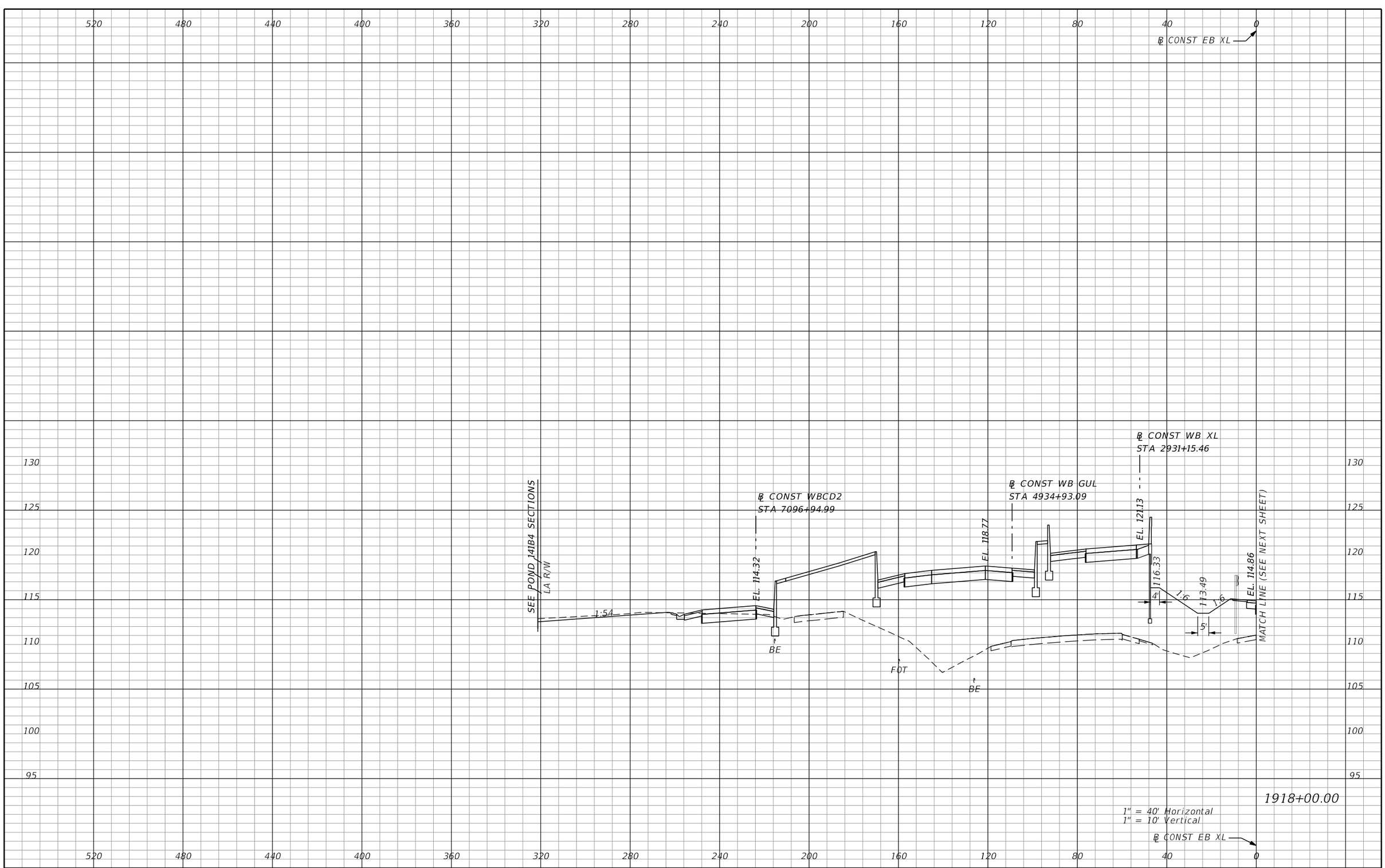

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 903

PRELIMINARY: NOT FOR CONSTRUCTION

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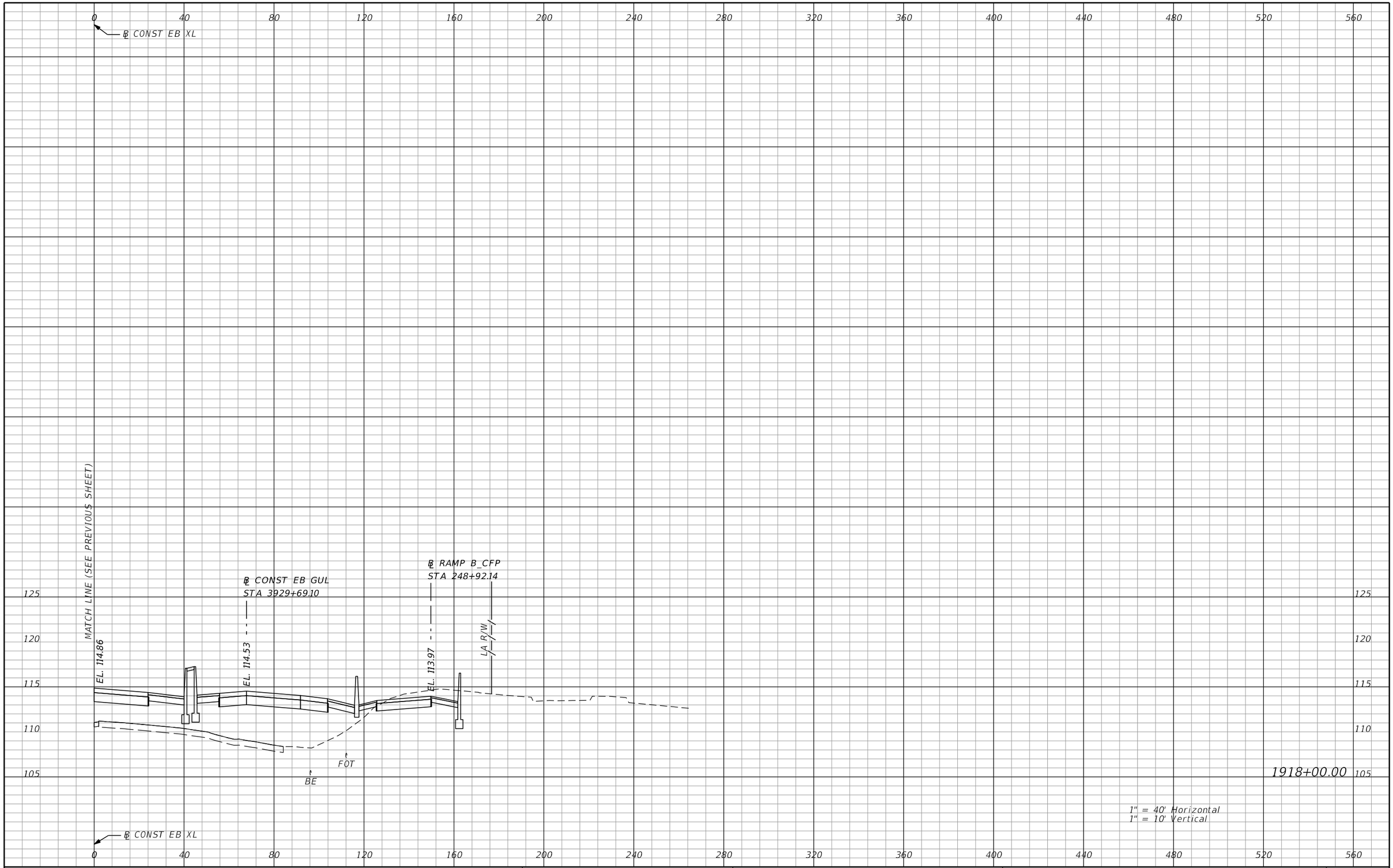

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 904

PRELIMINARY: NOT FOR CONSTRUCTION

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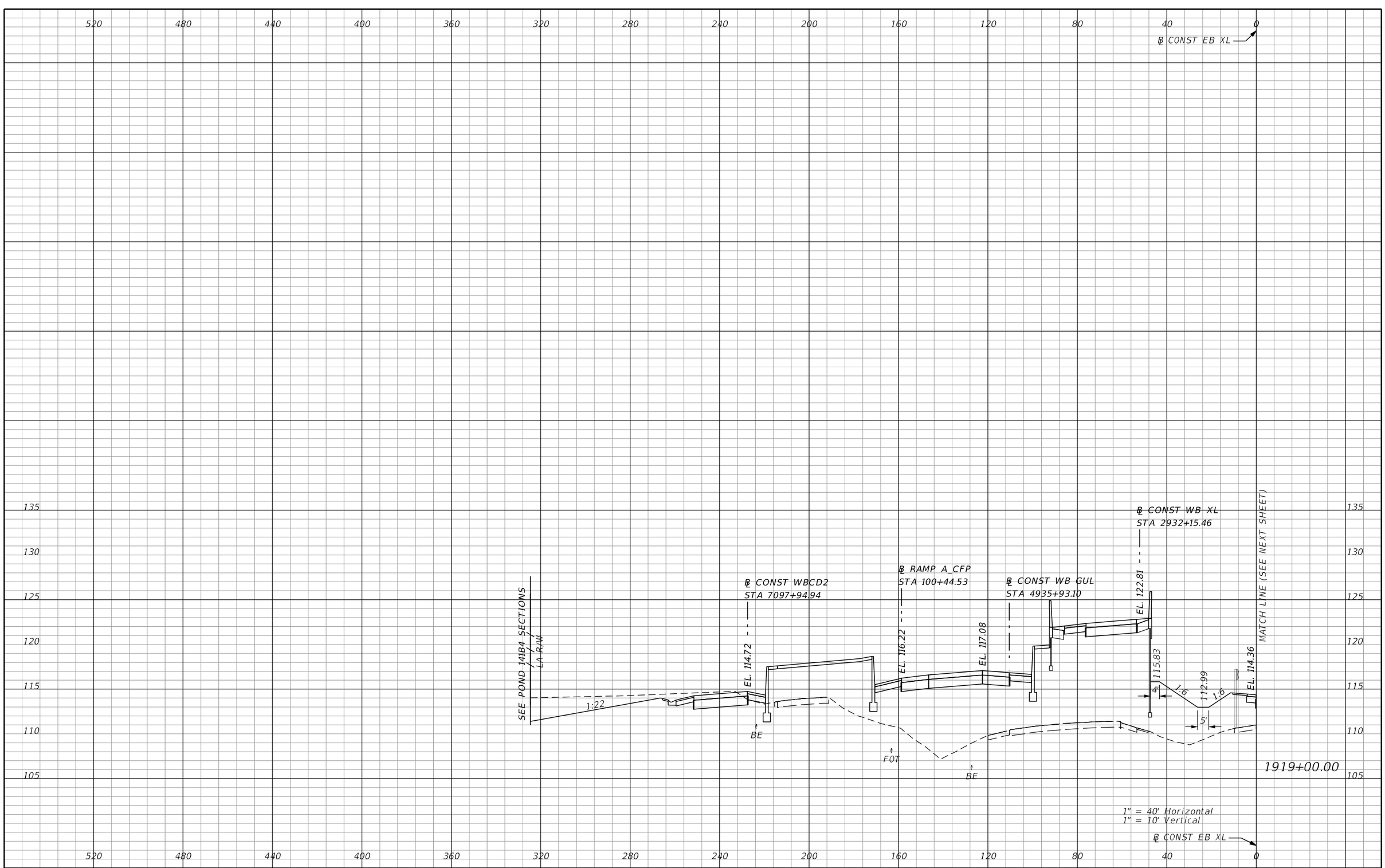

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 905

PRELIMINARY: NOT FOR CONSTRUCTION

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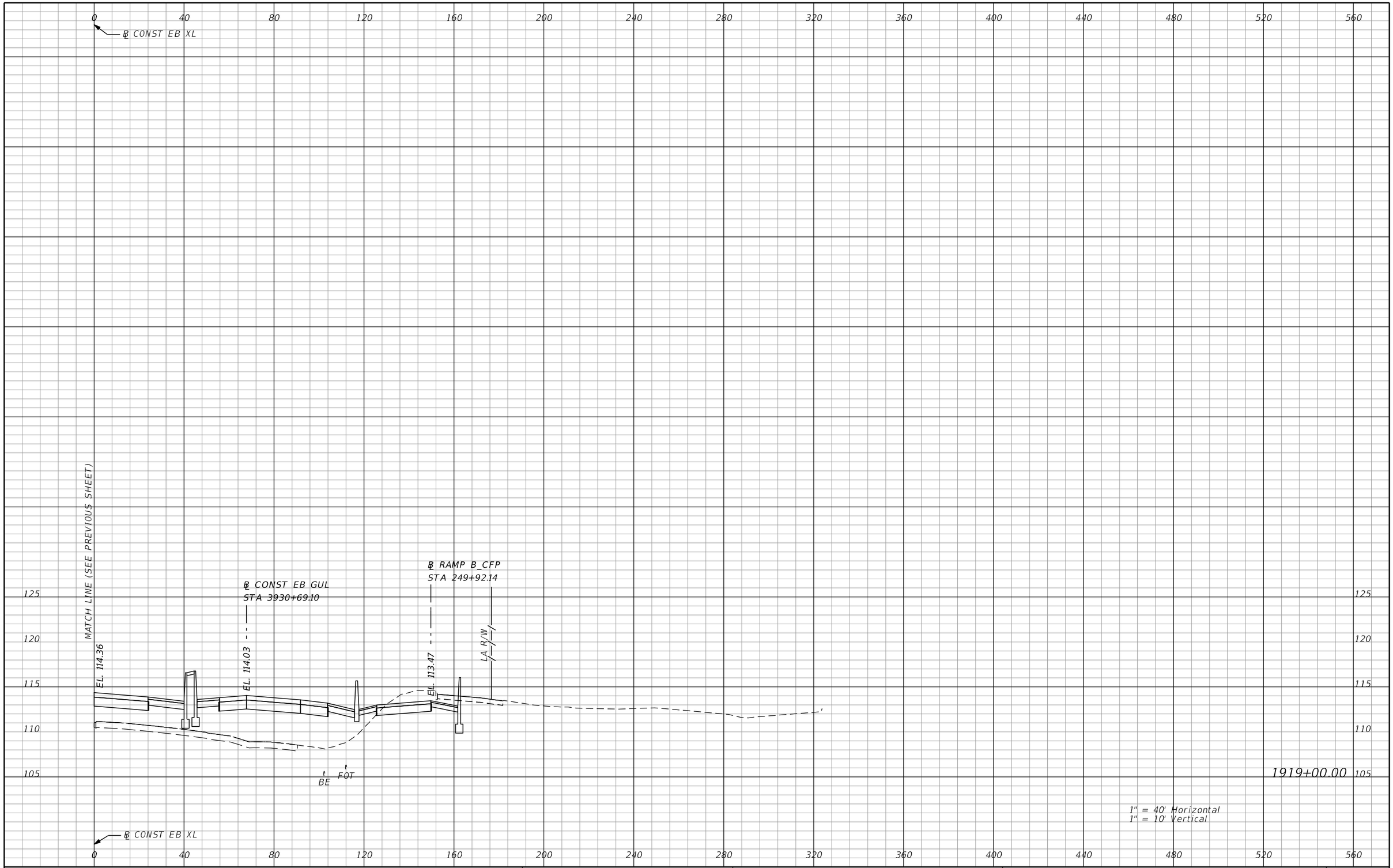

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 906

PRELIMINARY: NOT FOR CONSTRUCTION

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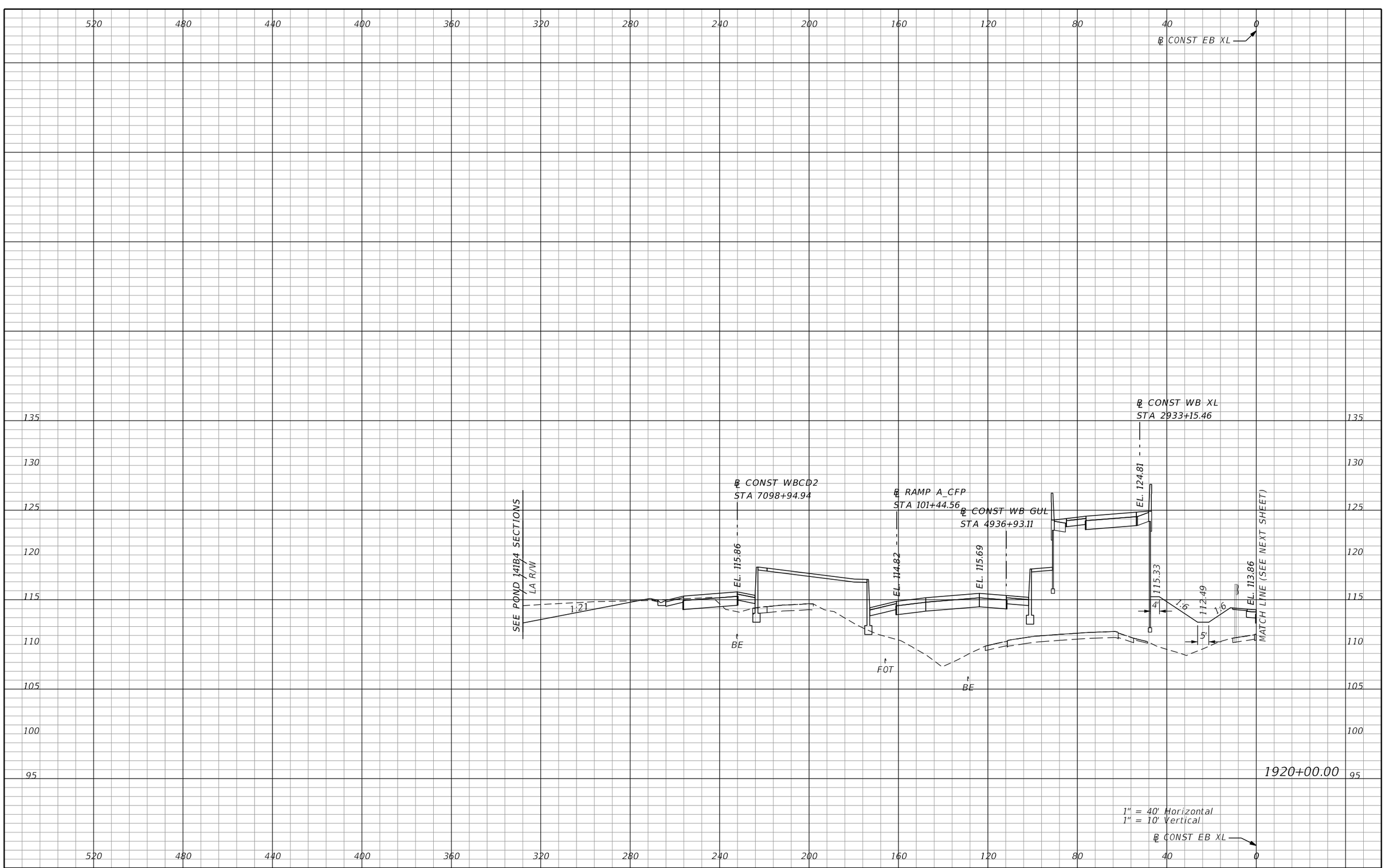

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 907

PRELIMINARY: NOT FOR CONSTRUCTION

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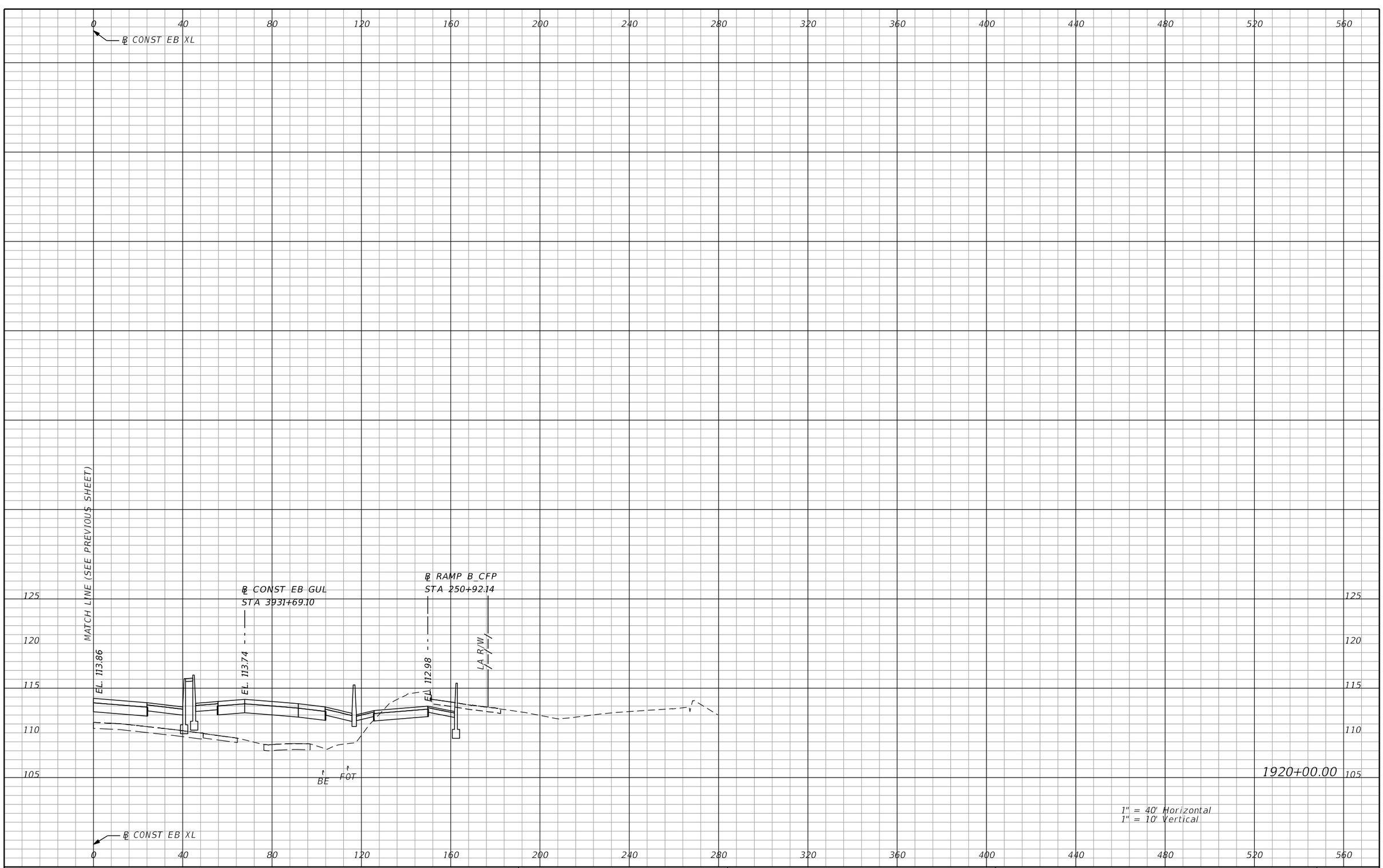

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 908

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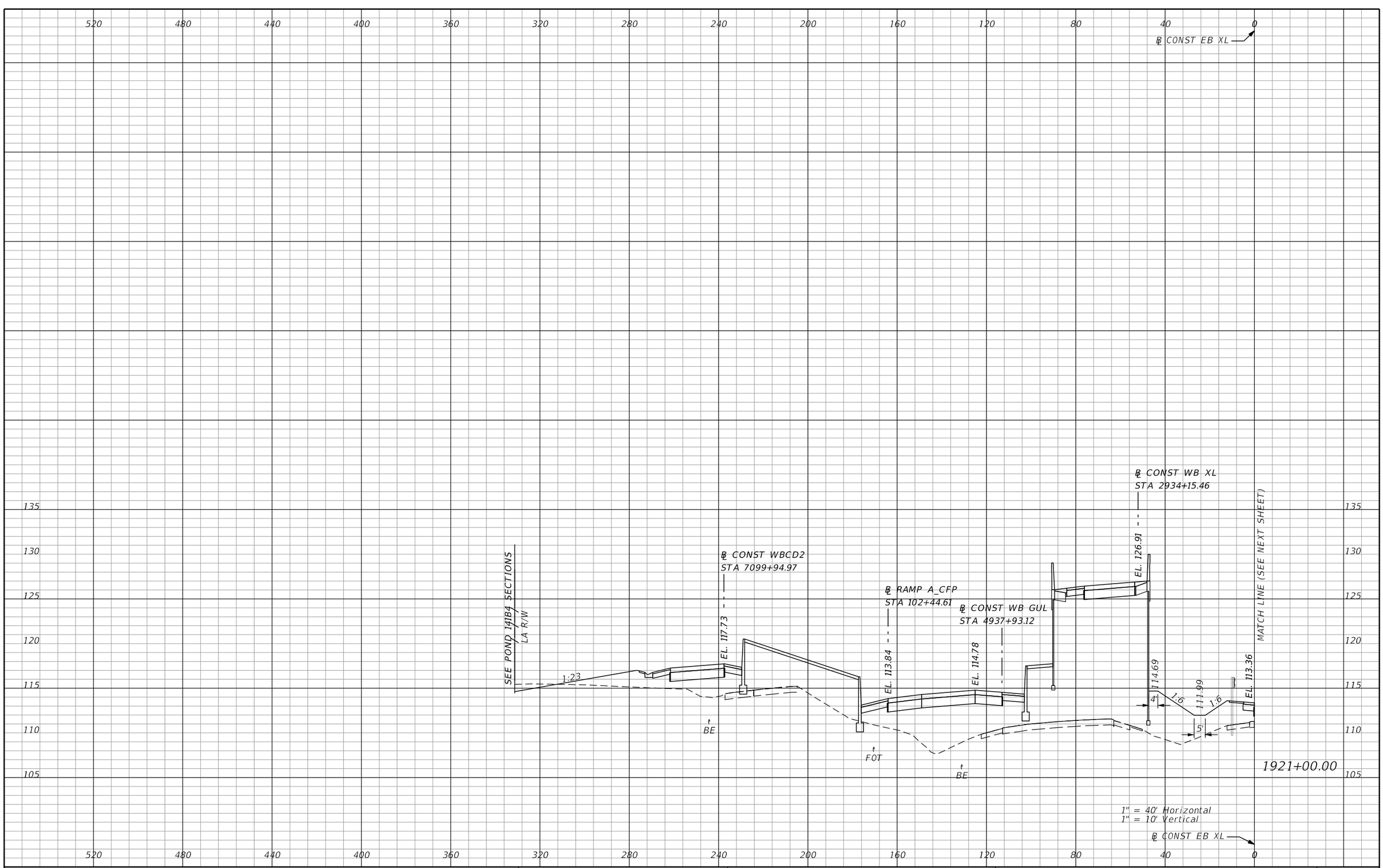

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REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 909

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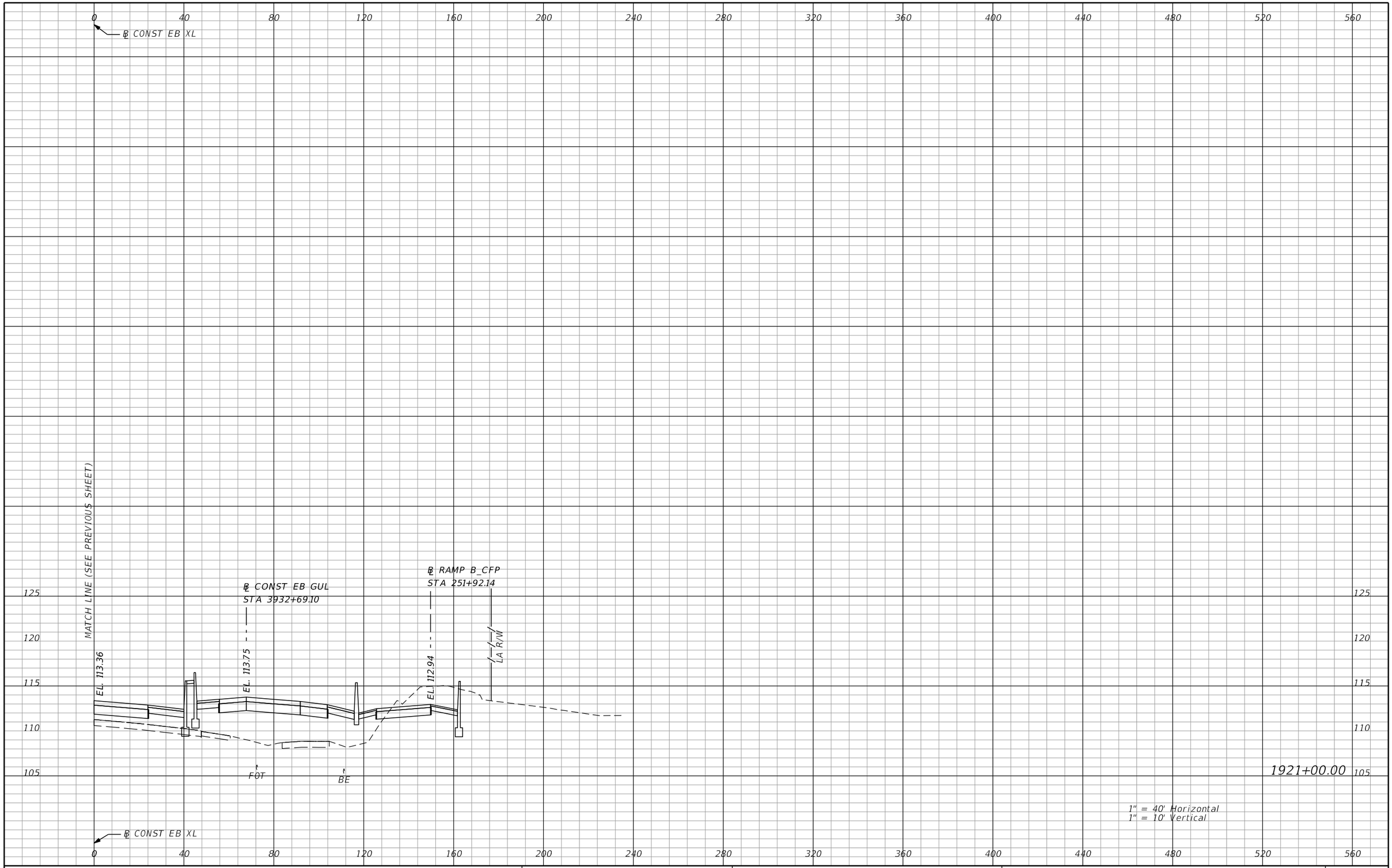

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 910

PRELIMINARY: NOT FOR CONSTRUCTION

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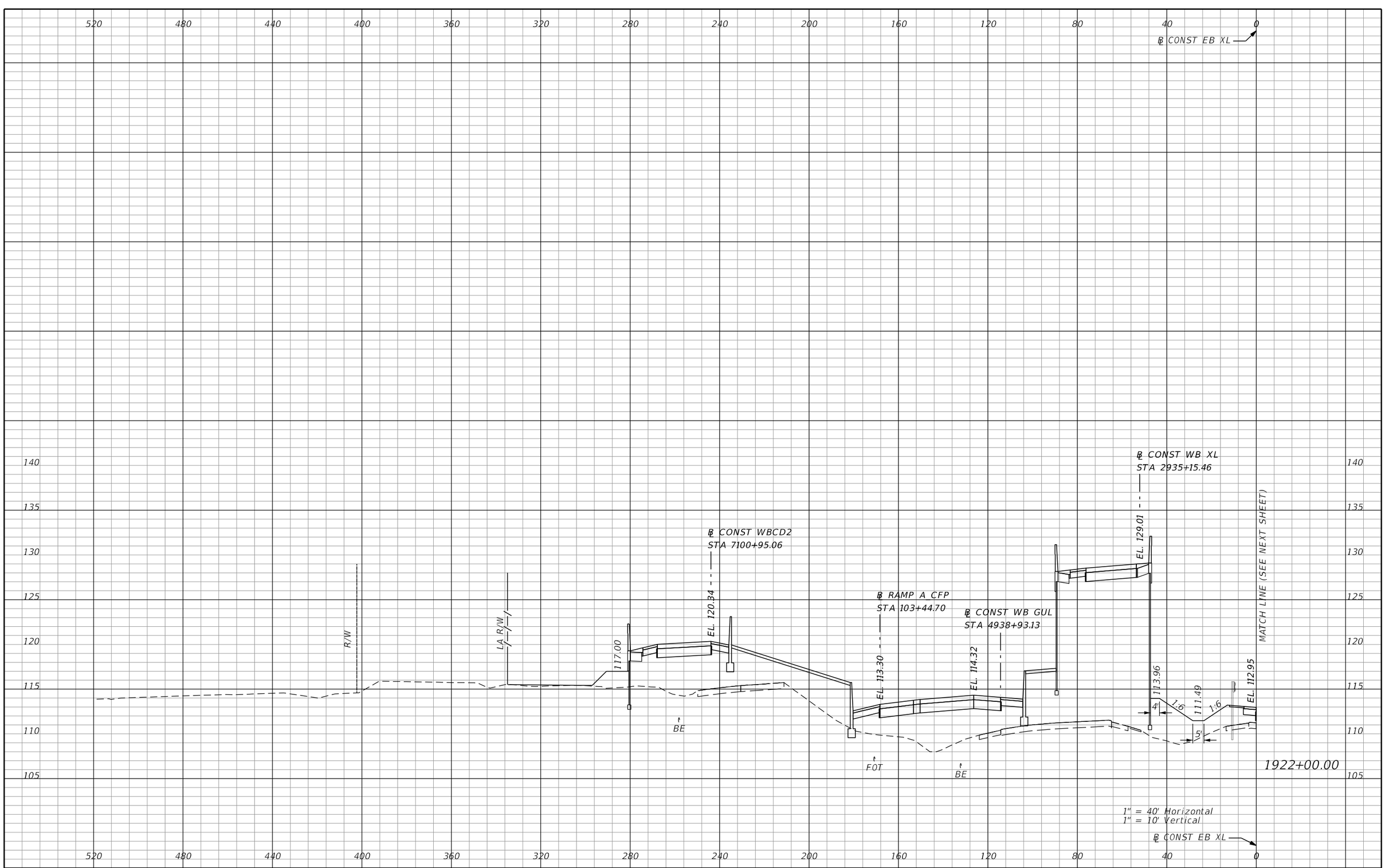

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 911

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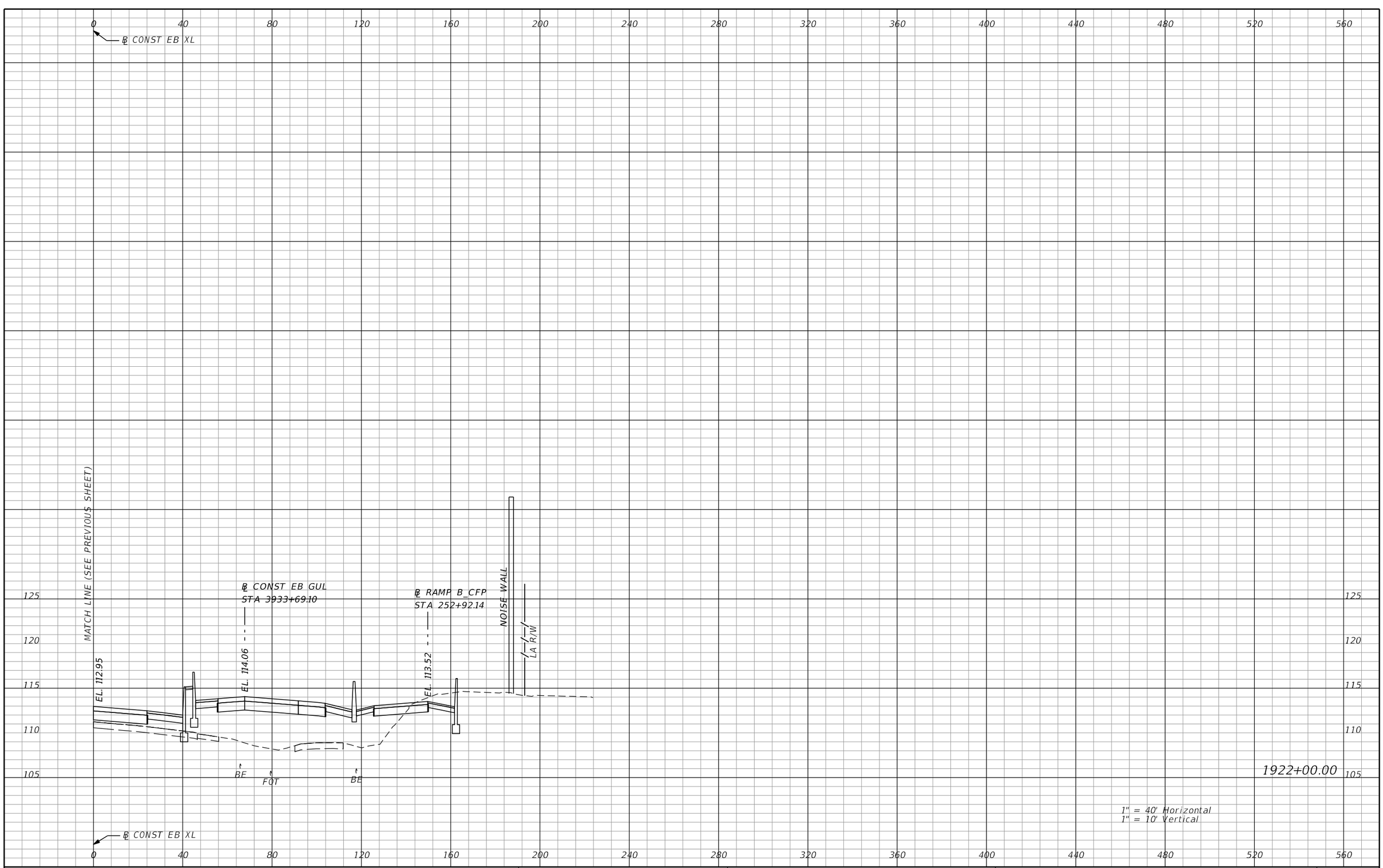

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 912

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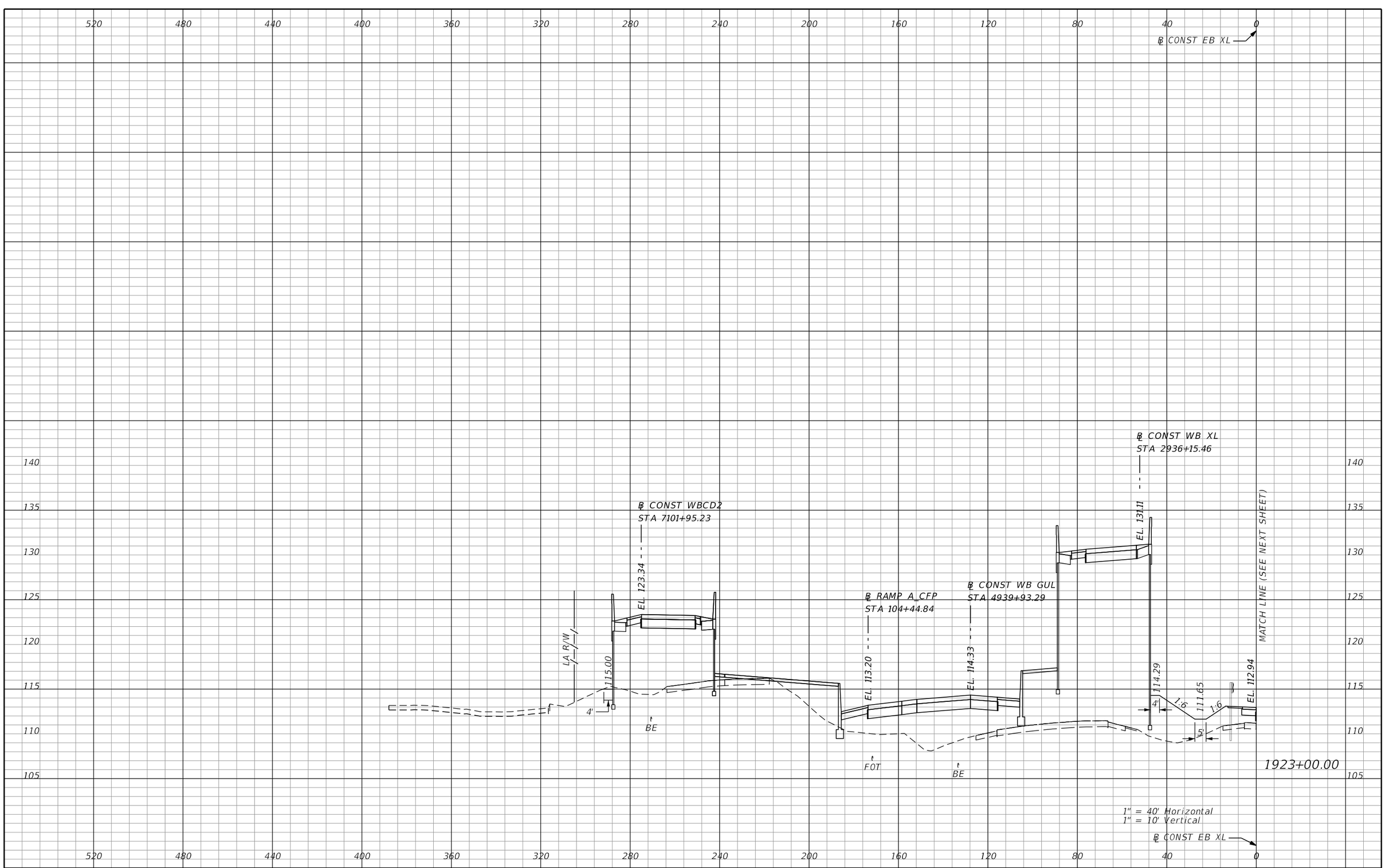

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 913

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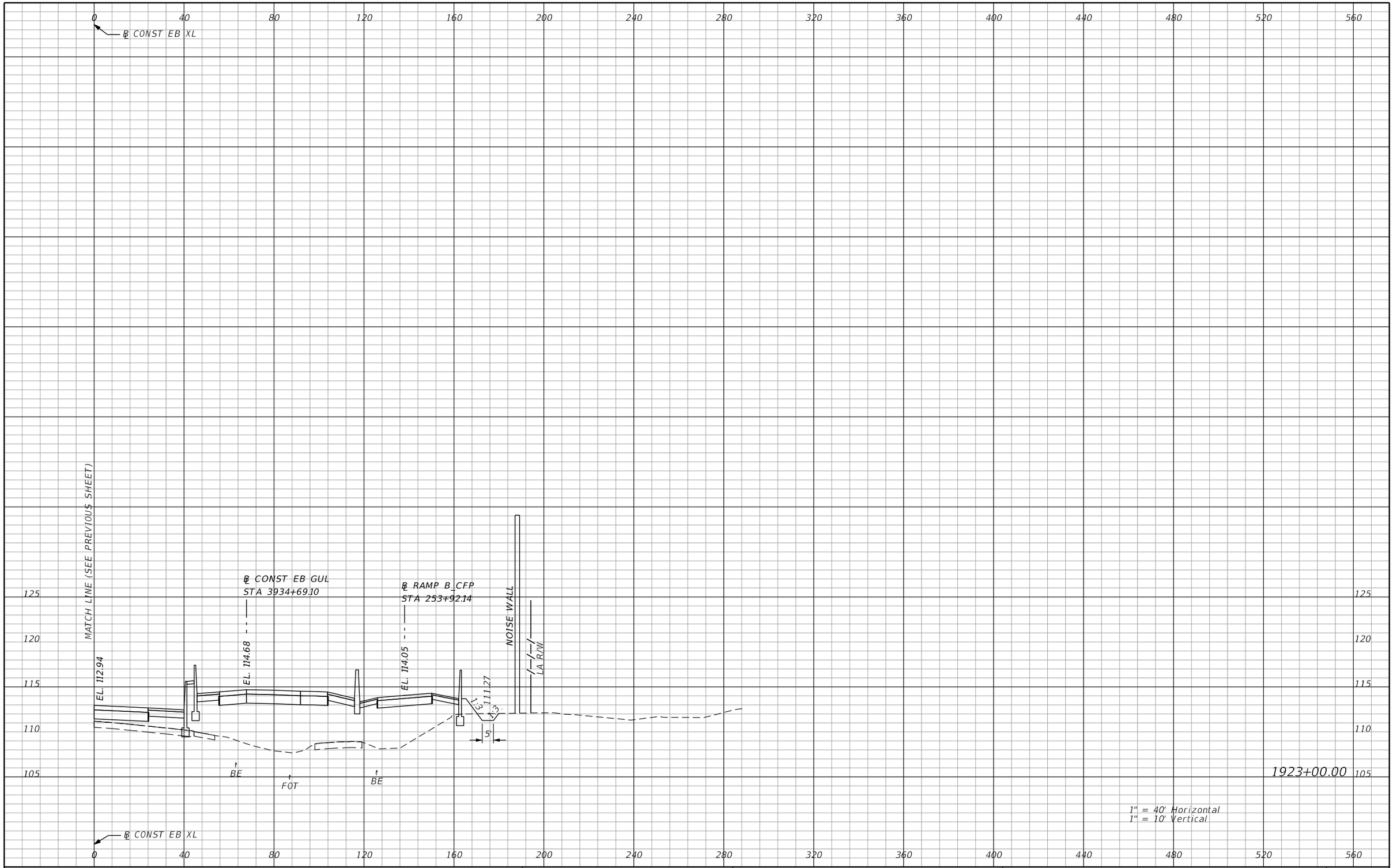

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

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CROSS SECTIONS

SHEET NO. 914

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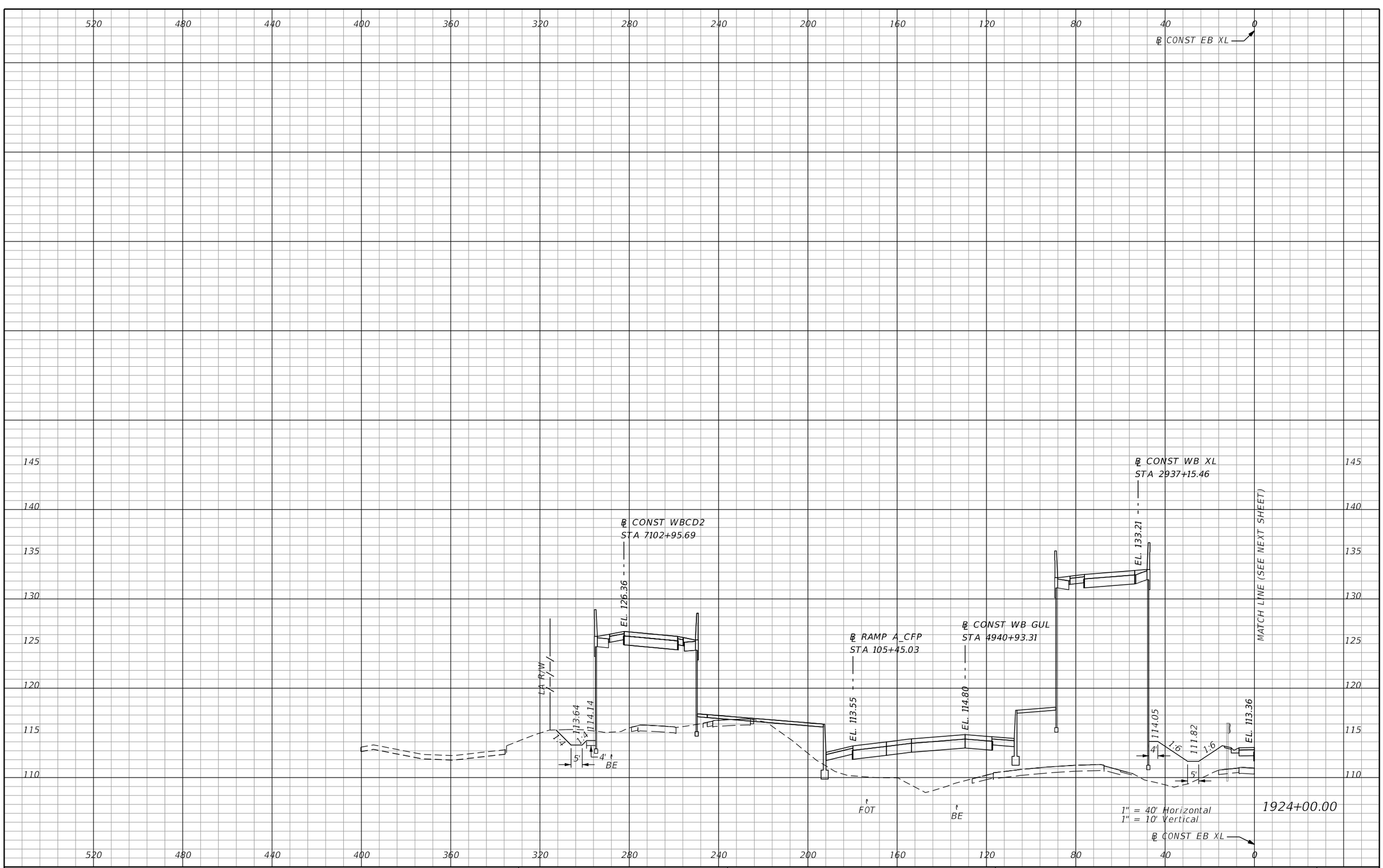

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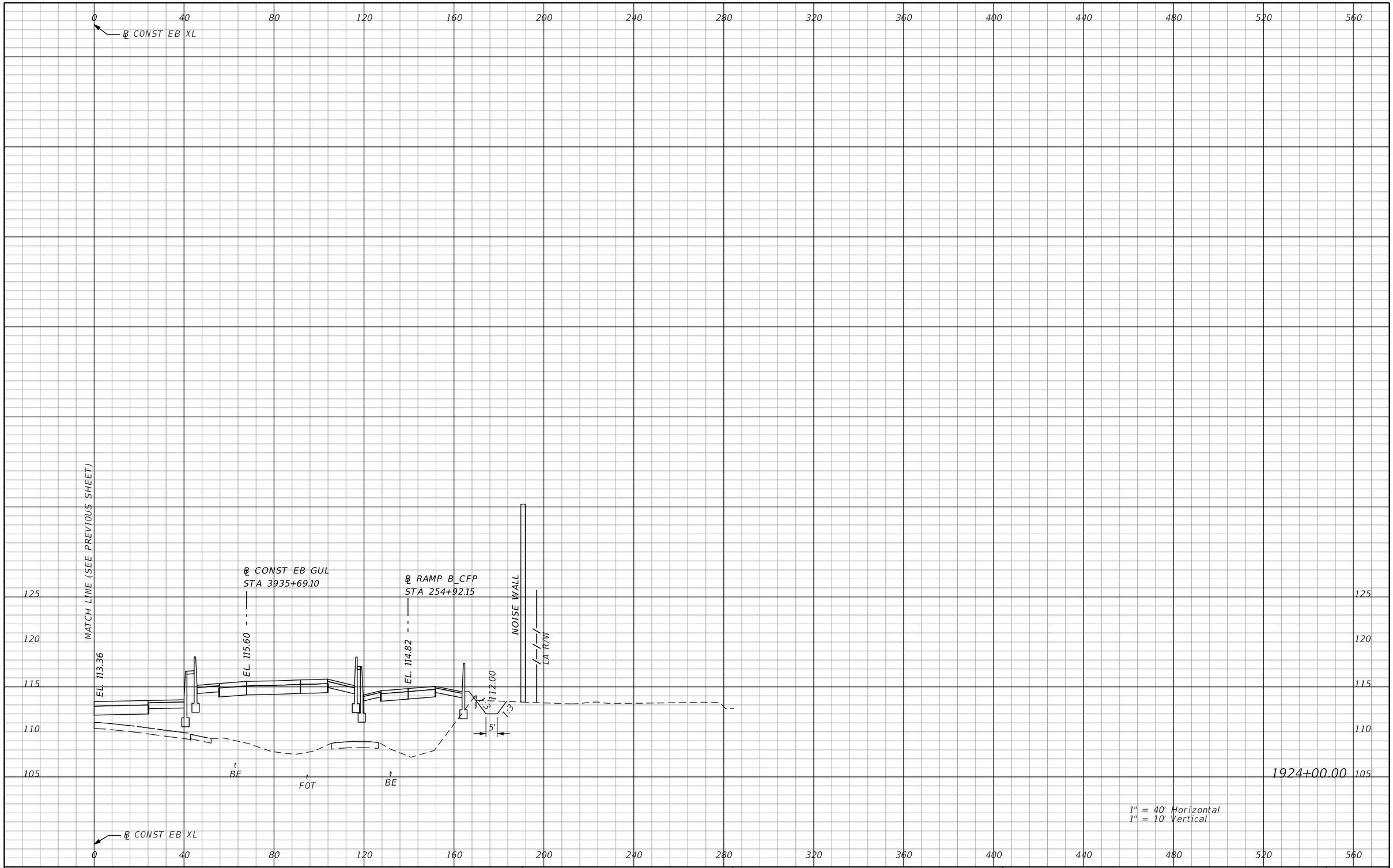
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO.
915



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 916

PRELIMINARY: NOT FOR CONSTRUCTION

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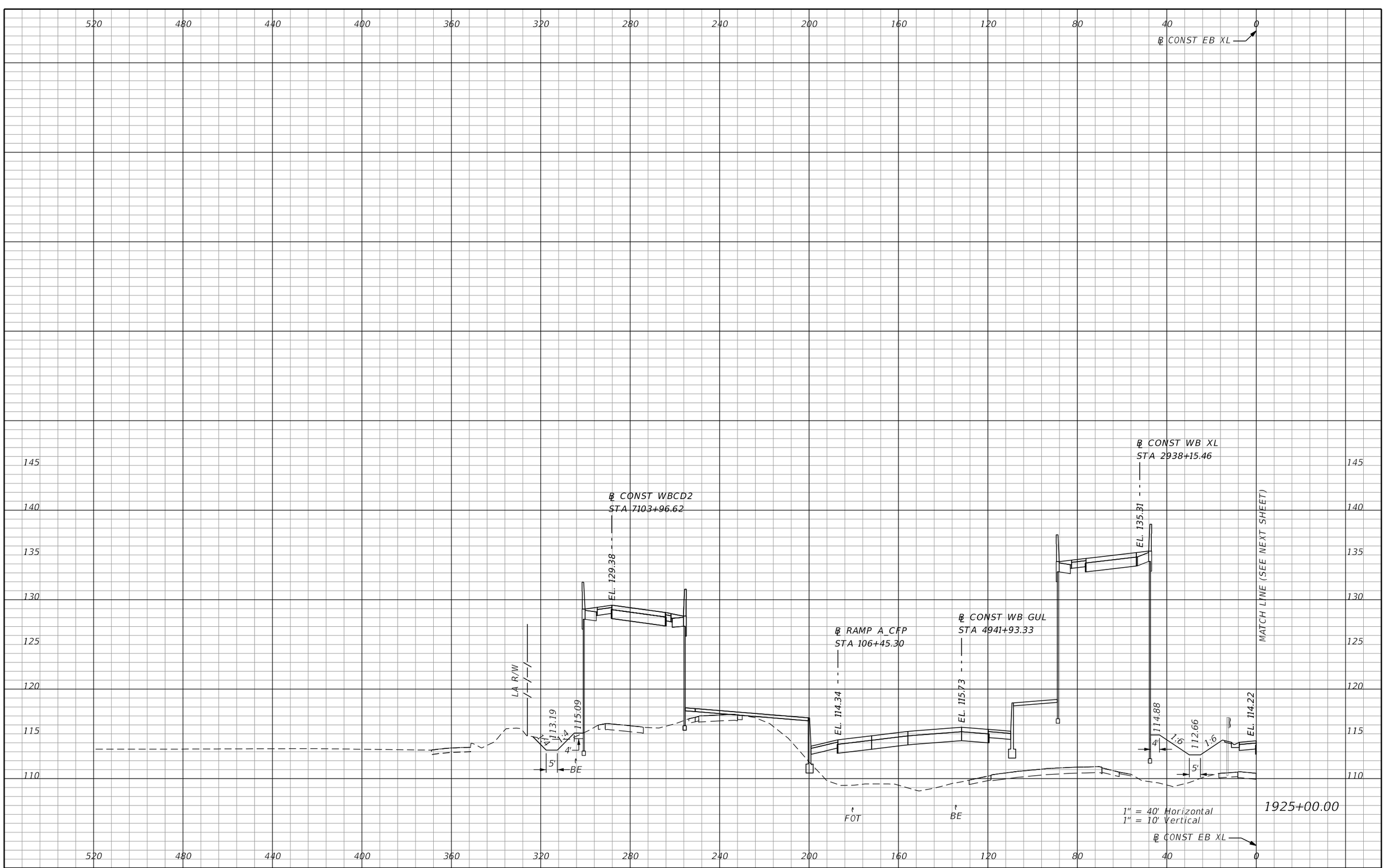

PRELIMINARY: NOT FOR CONSTRUCTION

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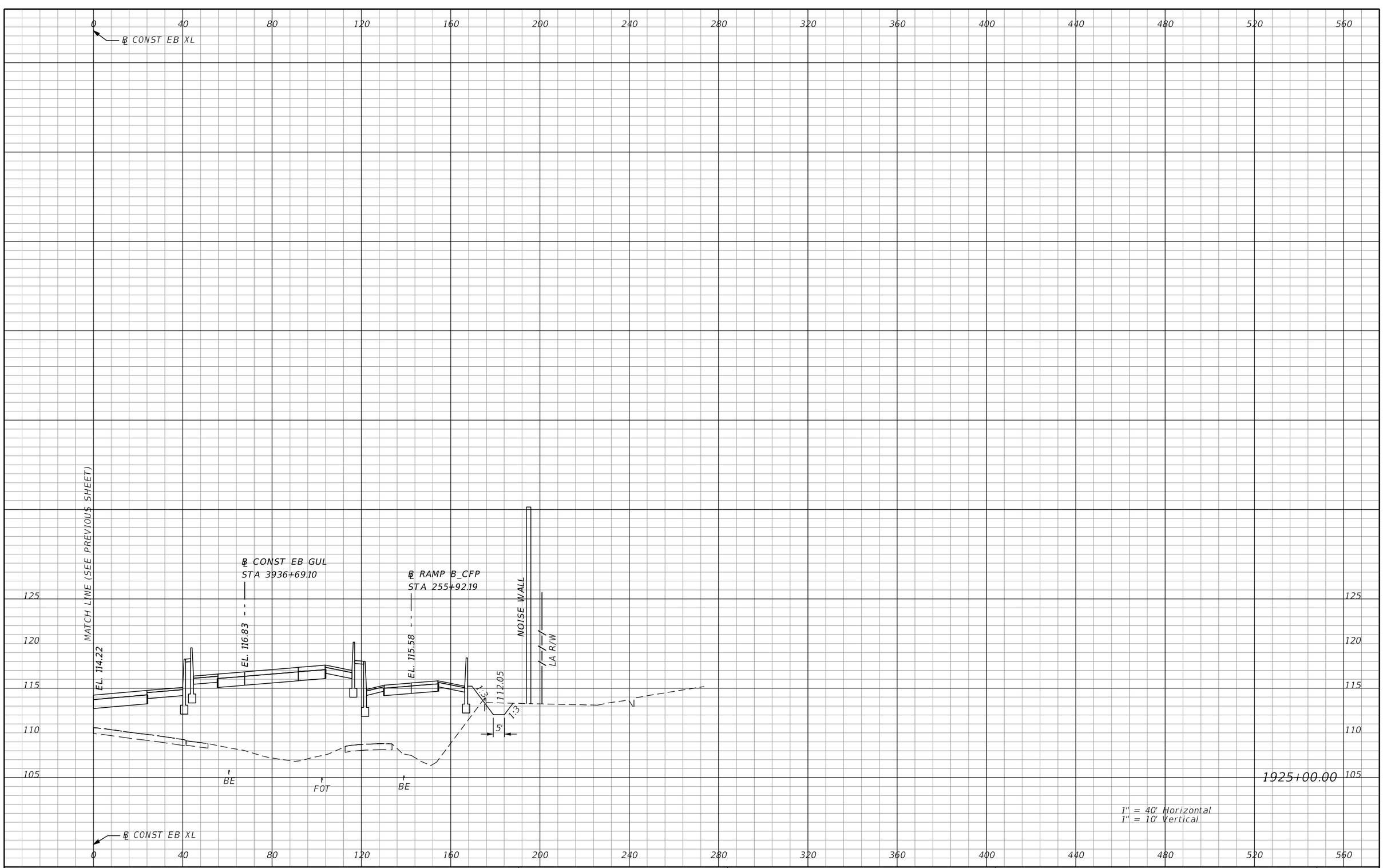
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 917



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 918

PRELIMINARY: NOT FOR CONSTRUCTION

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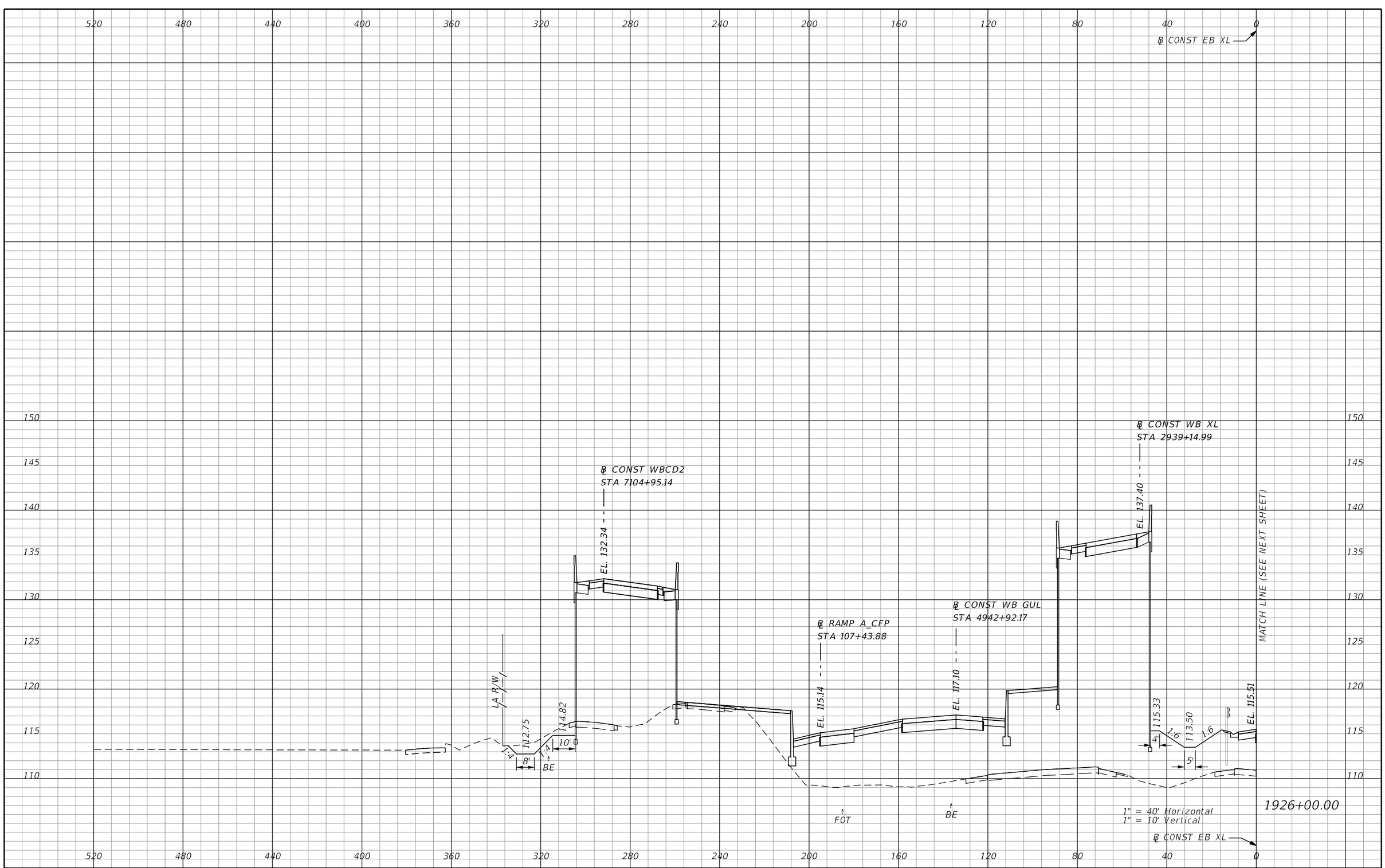

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 919

PRELIMINARY: NOT FOR CONSTRUCTION

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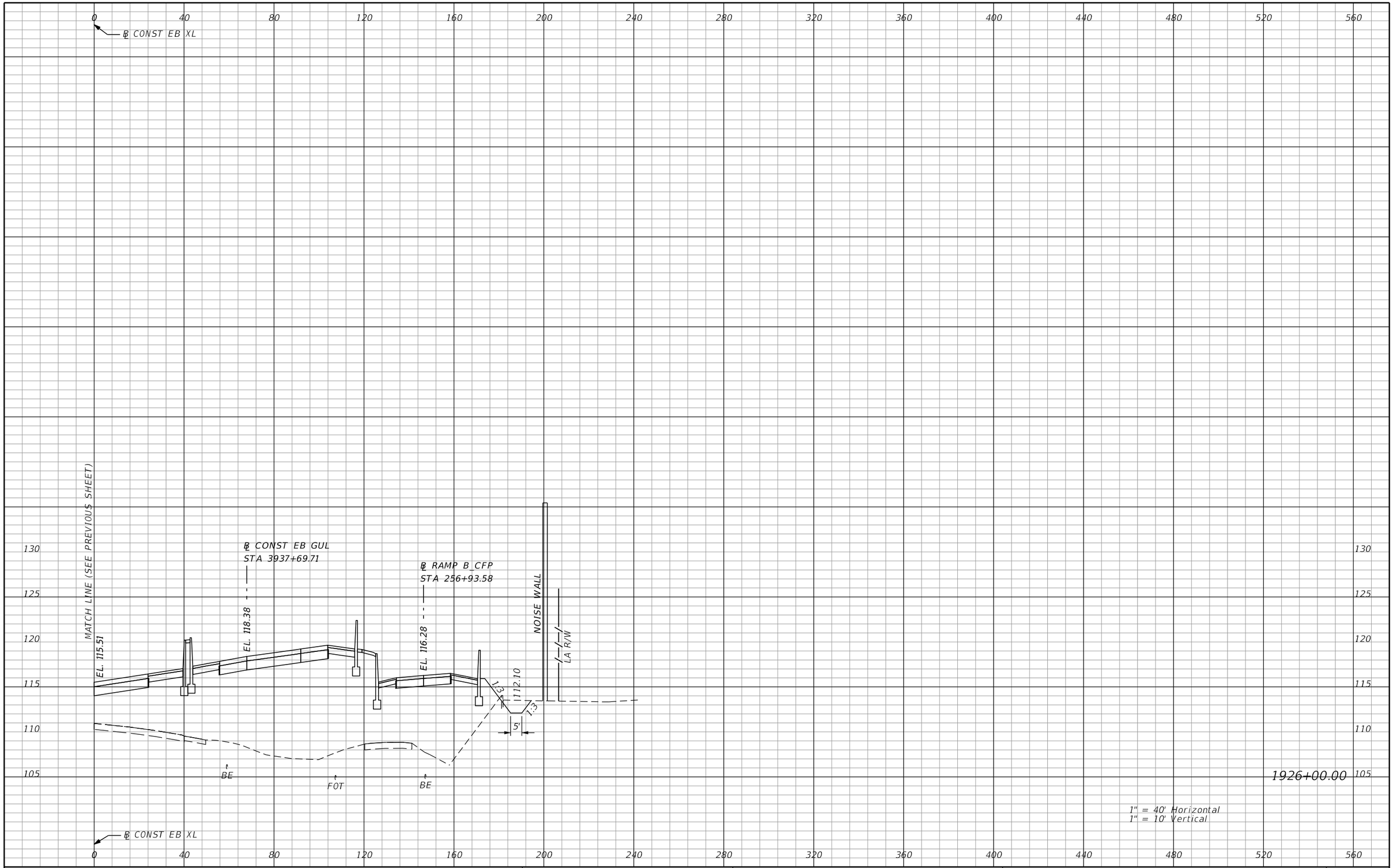

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 920

PRELIMINARY: NOT FOR CONSTRUCTION

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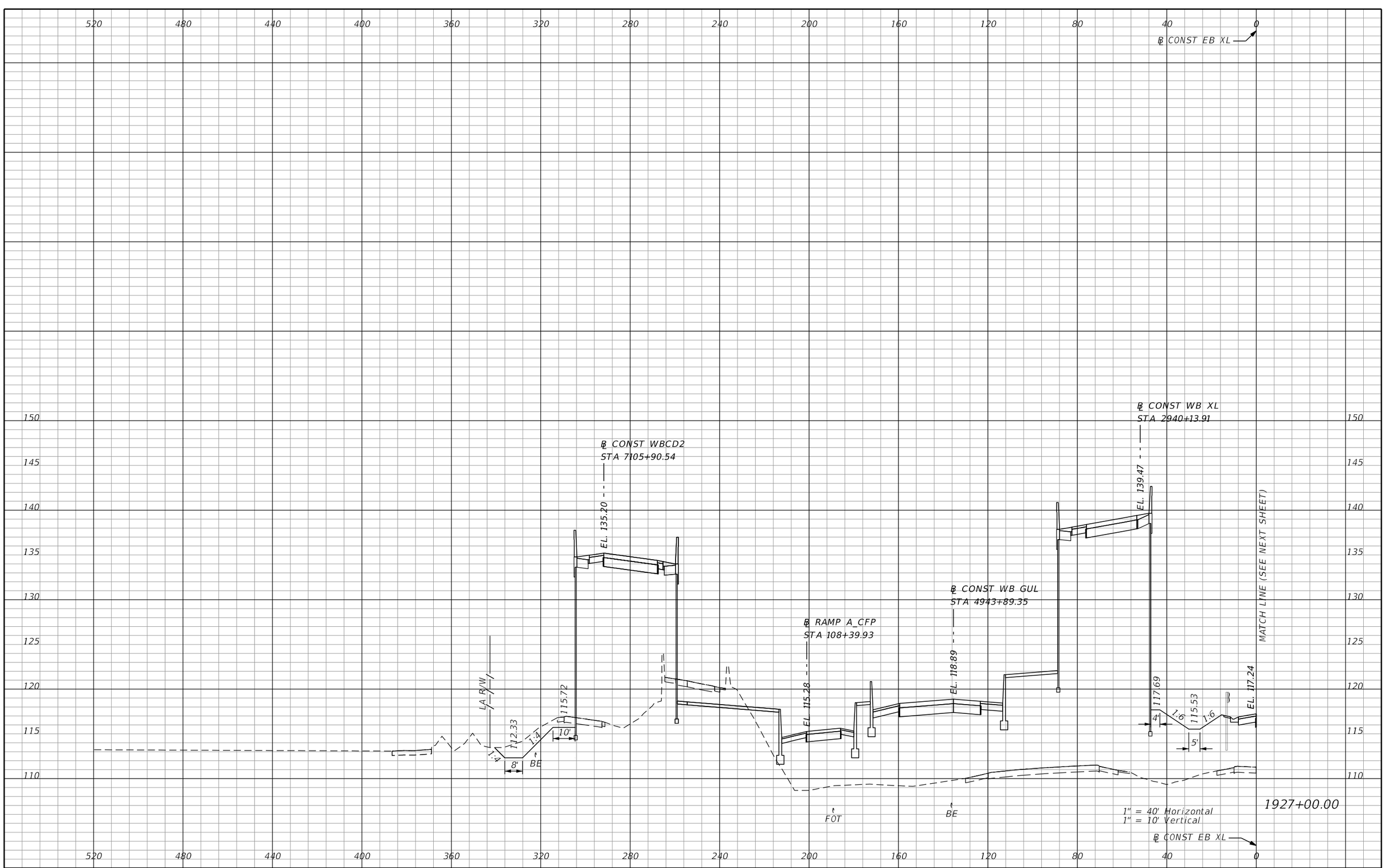

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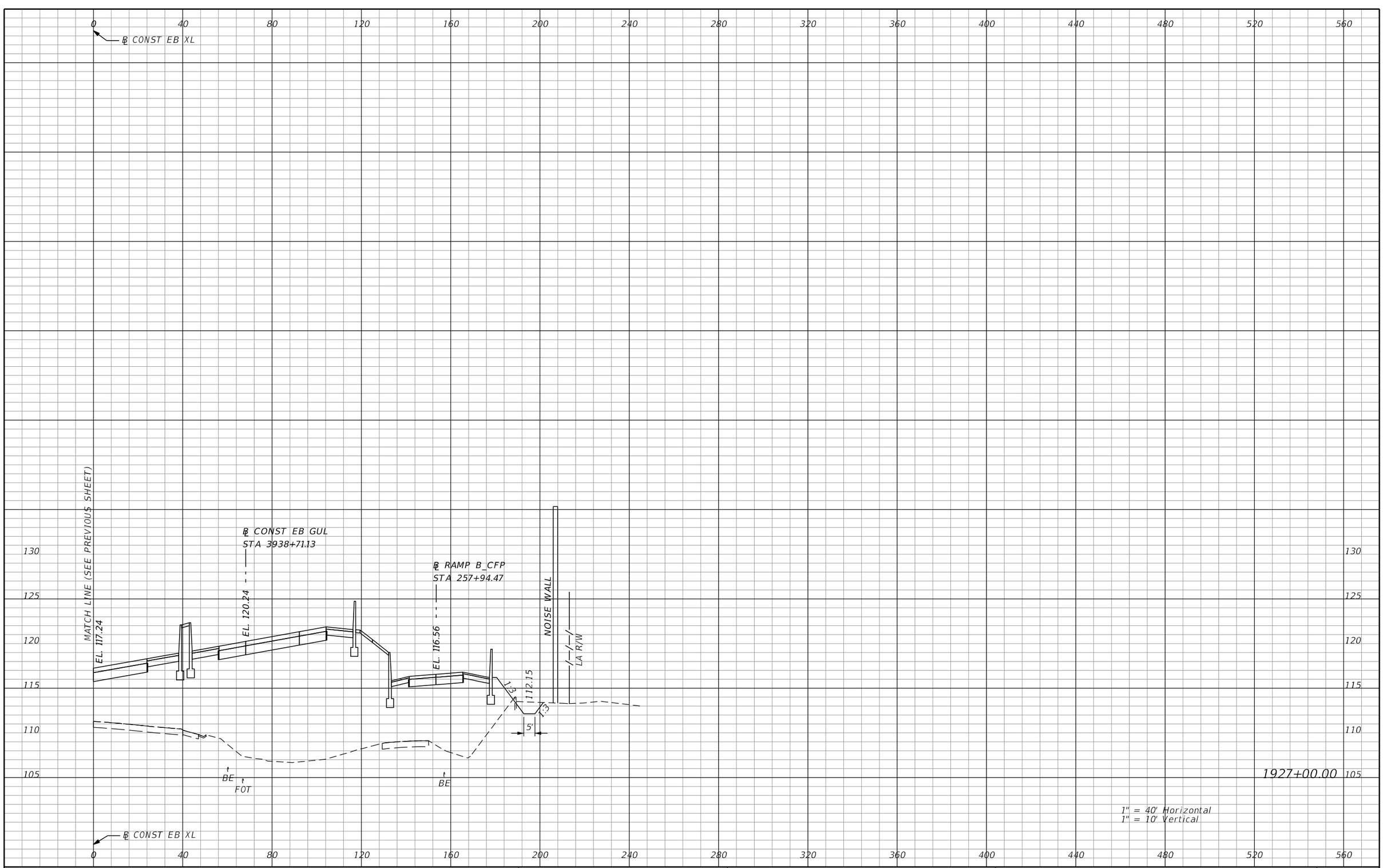
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 921

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 922

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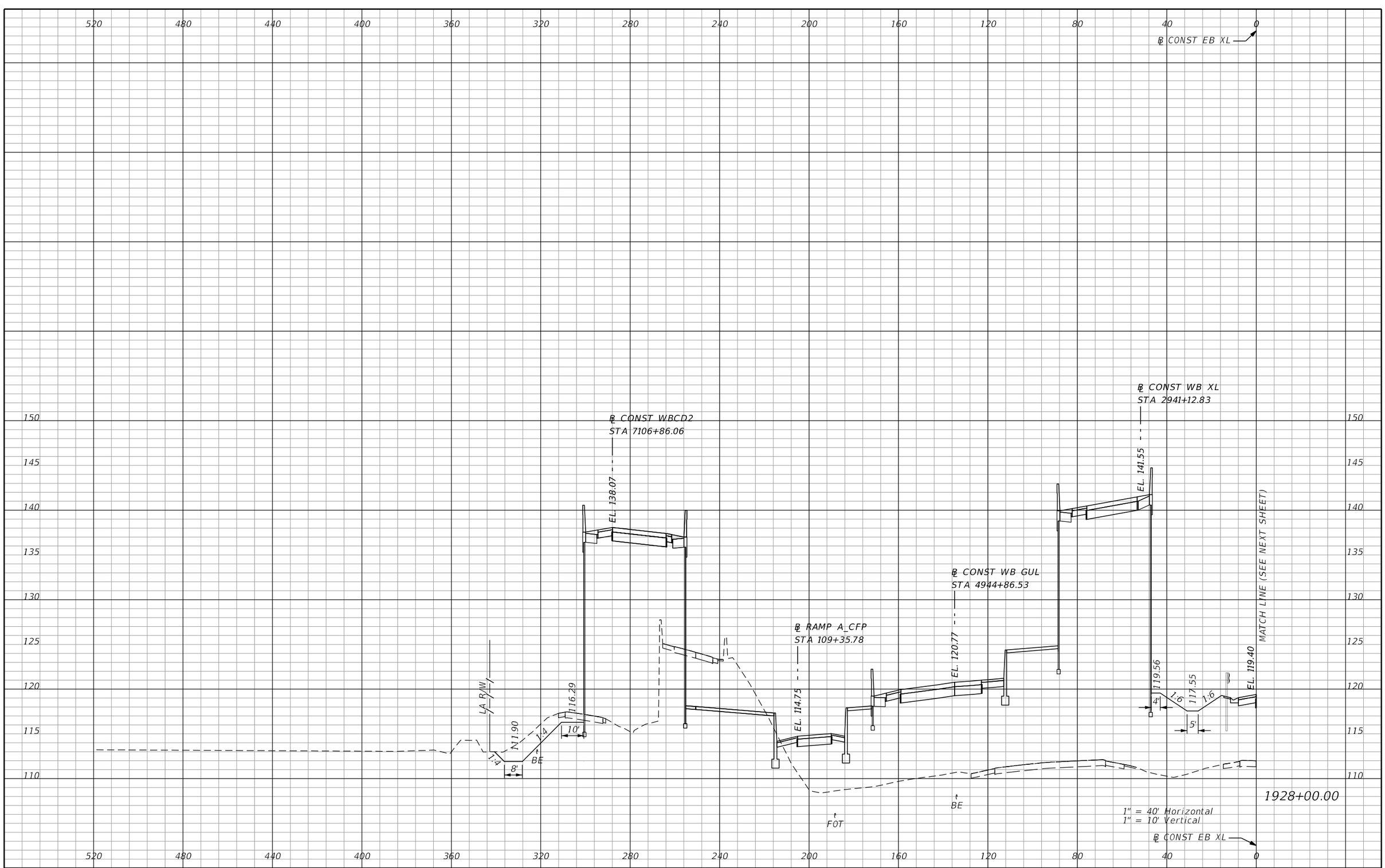

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 923

PRELIMINARY: NOT FOR CONSTRUCTION

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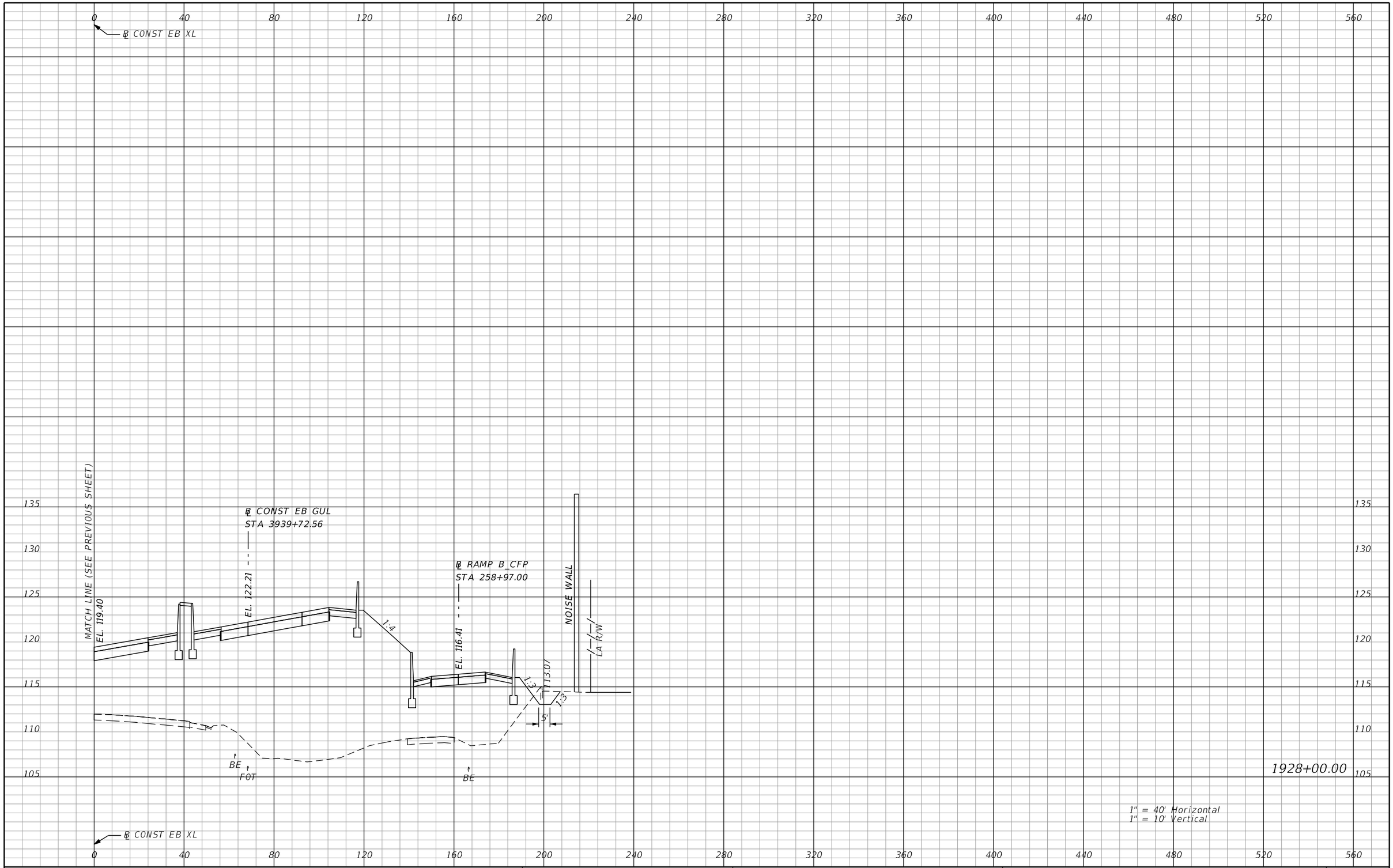

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SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 924

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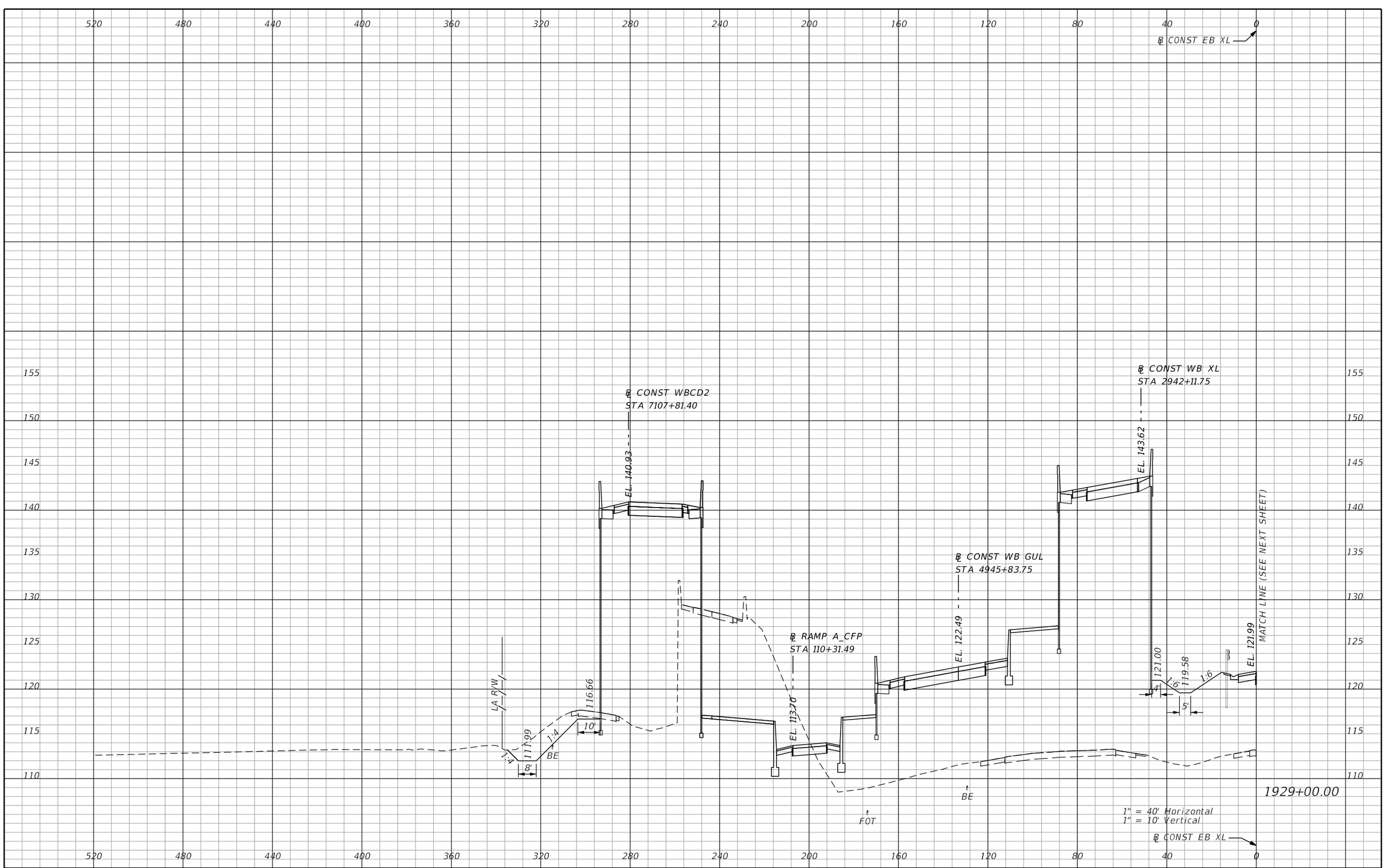

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 925

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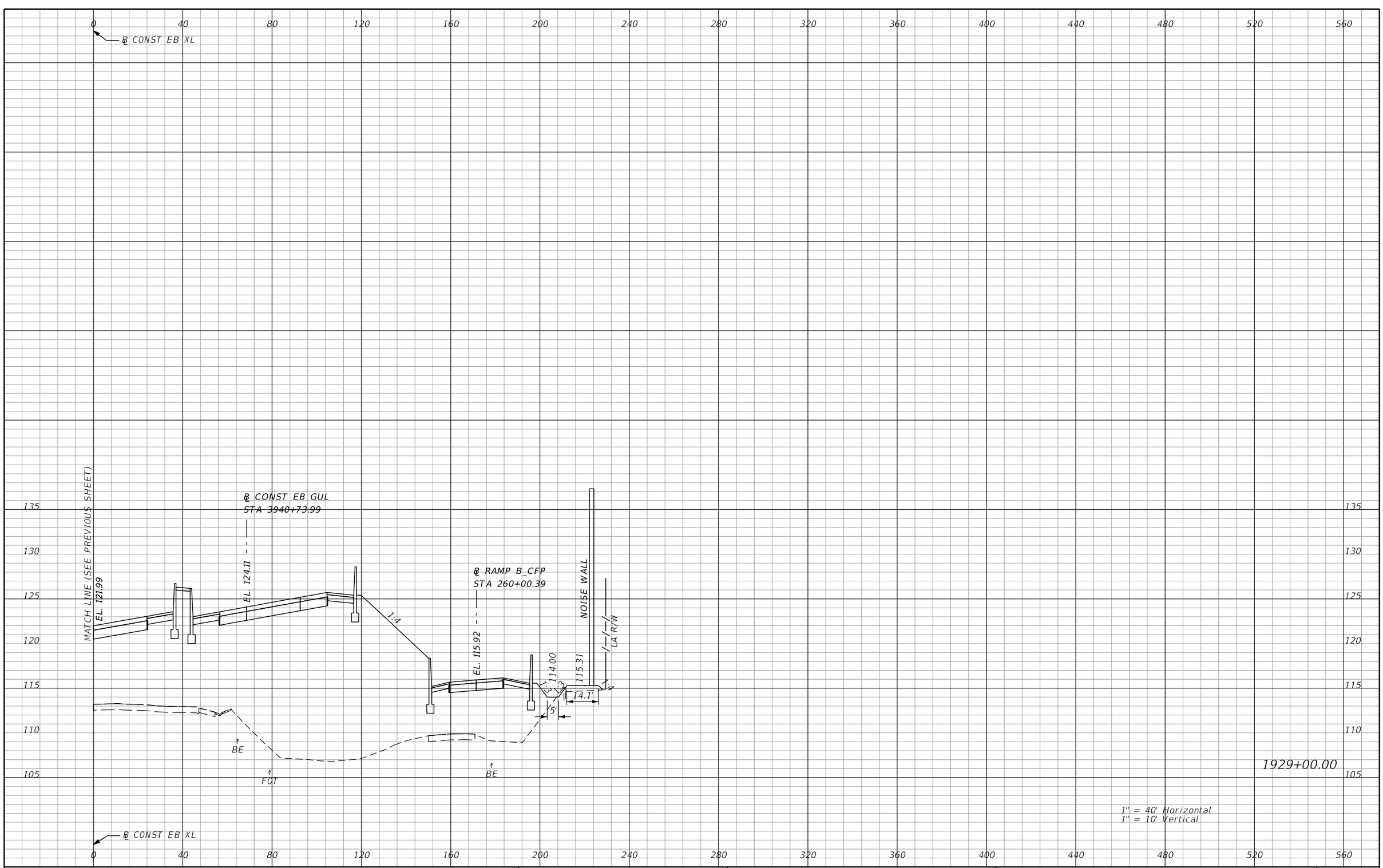

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 926

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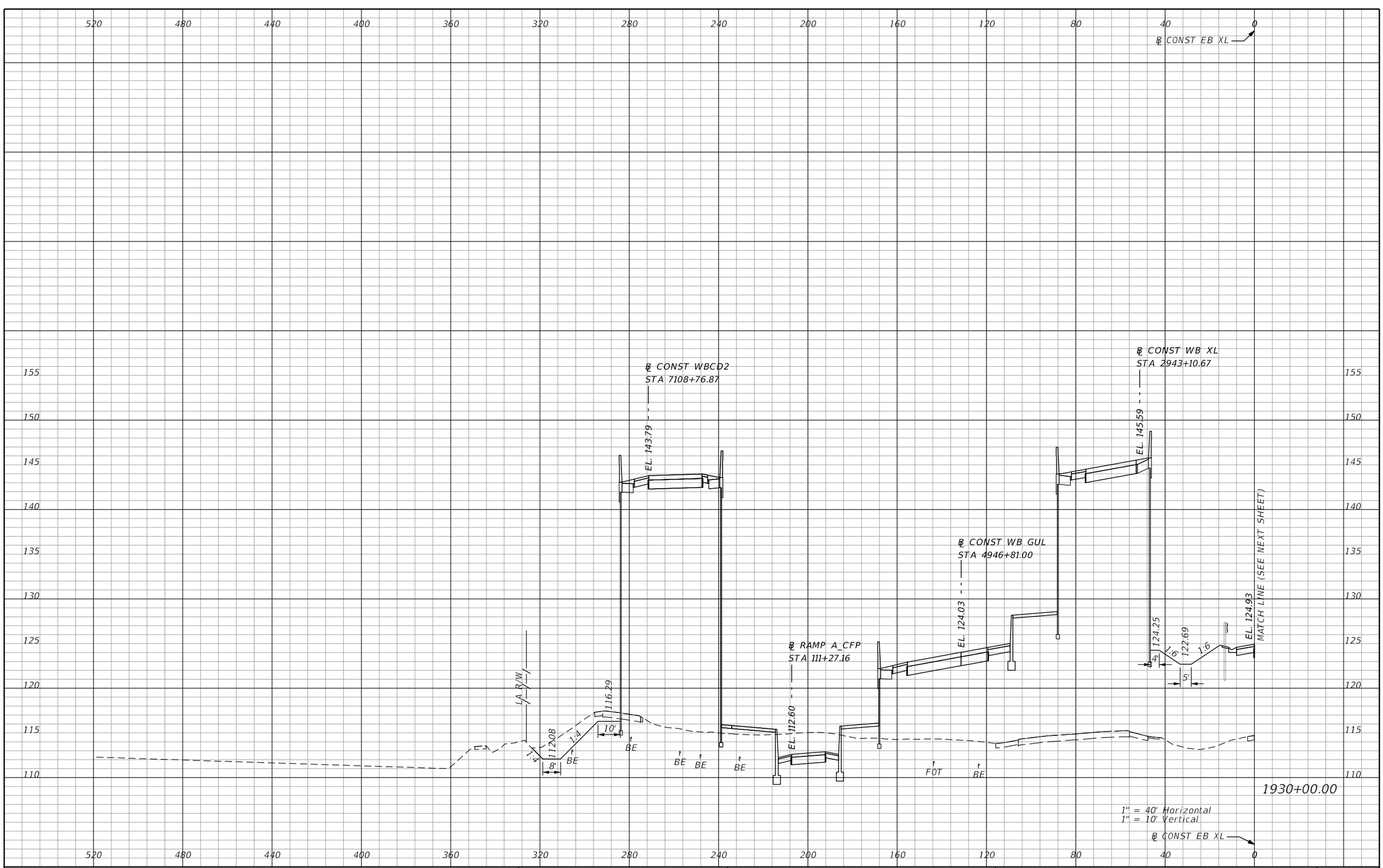

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

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CROSS SECTIONS

SHEET NO. 927

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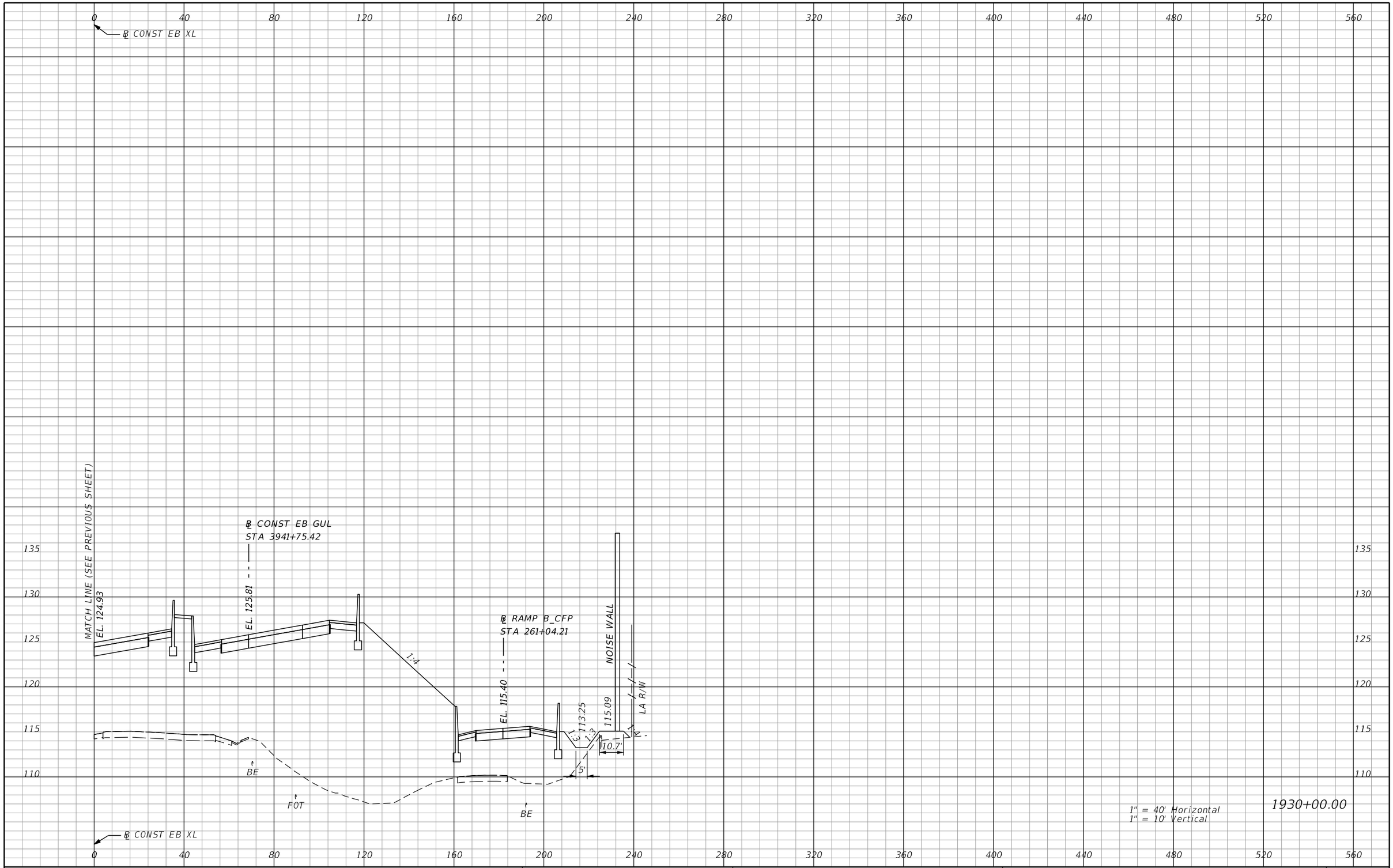

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 928

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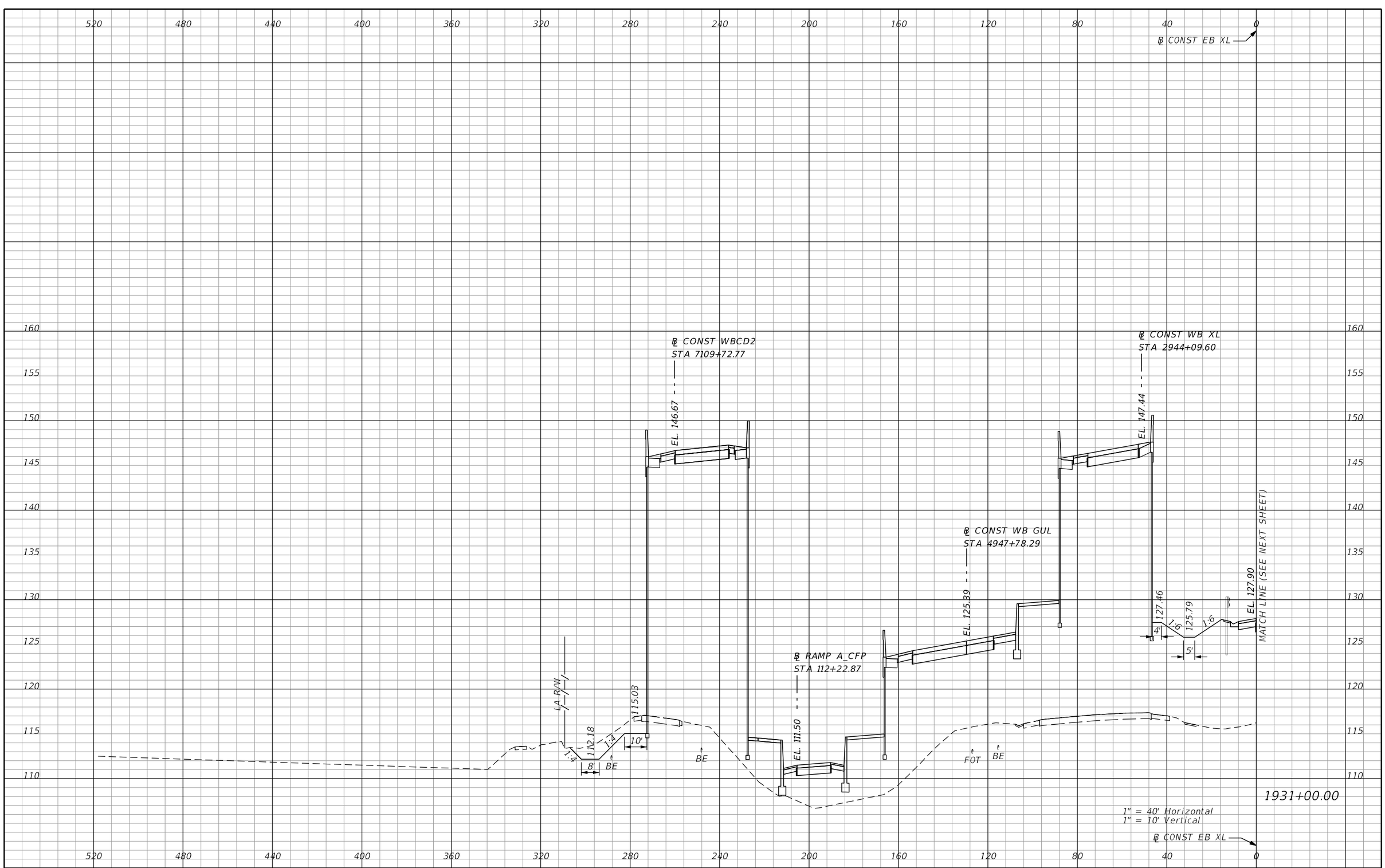

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 929

PRELIMINARY: NOT FOR CONSTRUCTION

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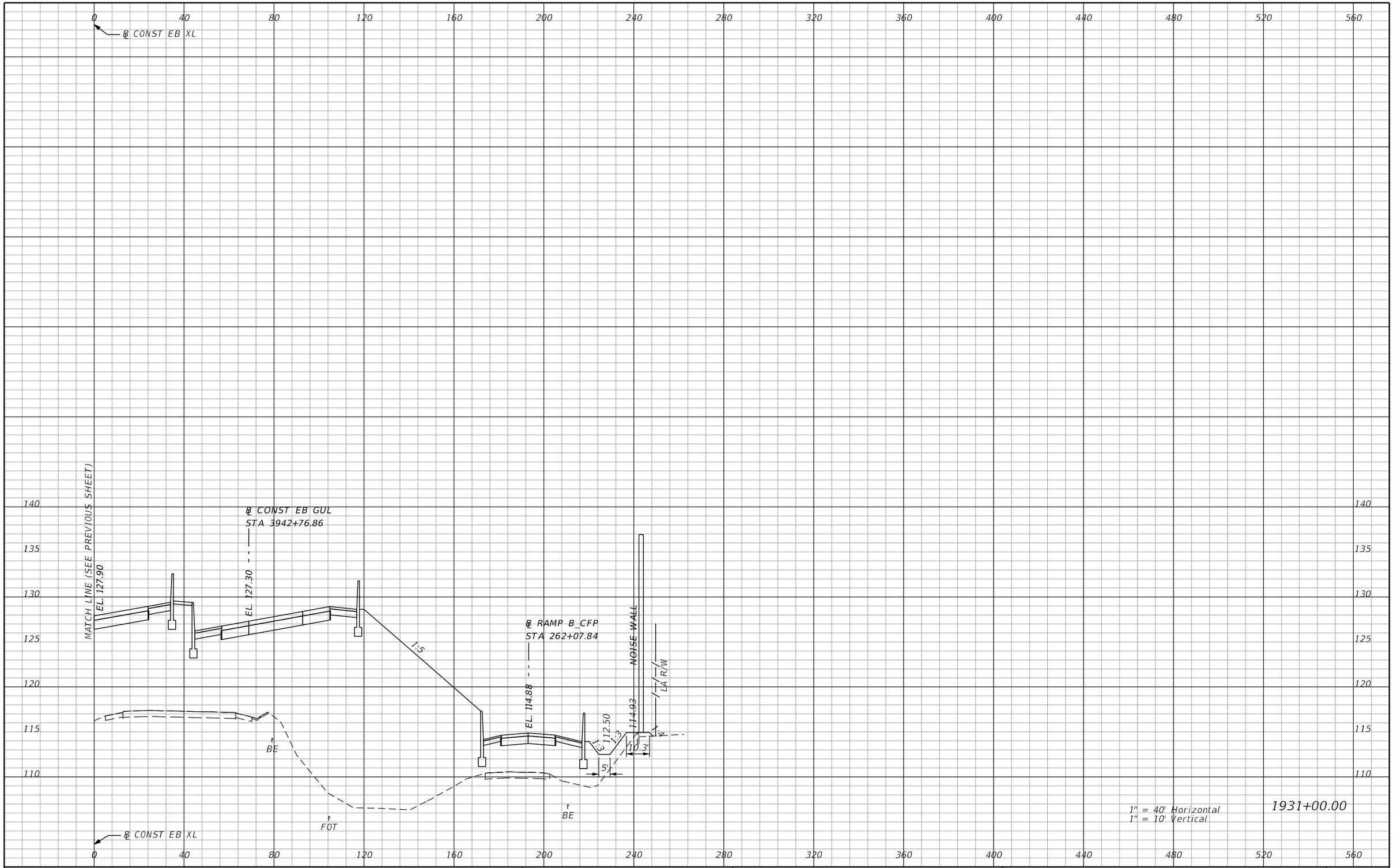

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 930

PRELIMINARY: NOT FOR CONSTRUCTION

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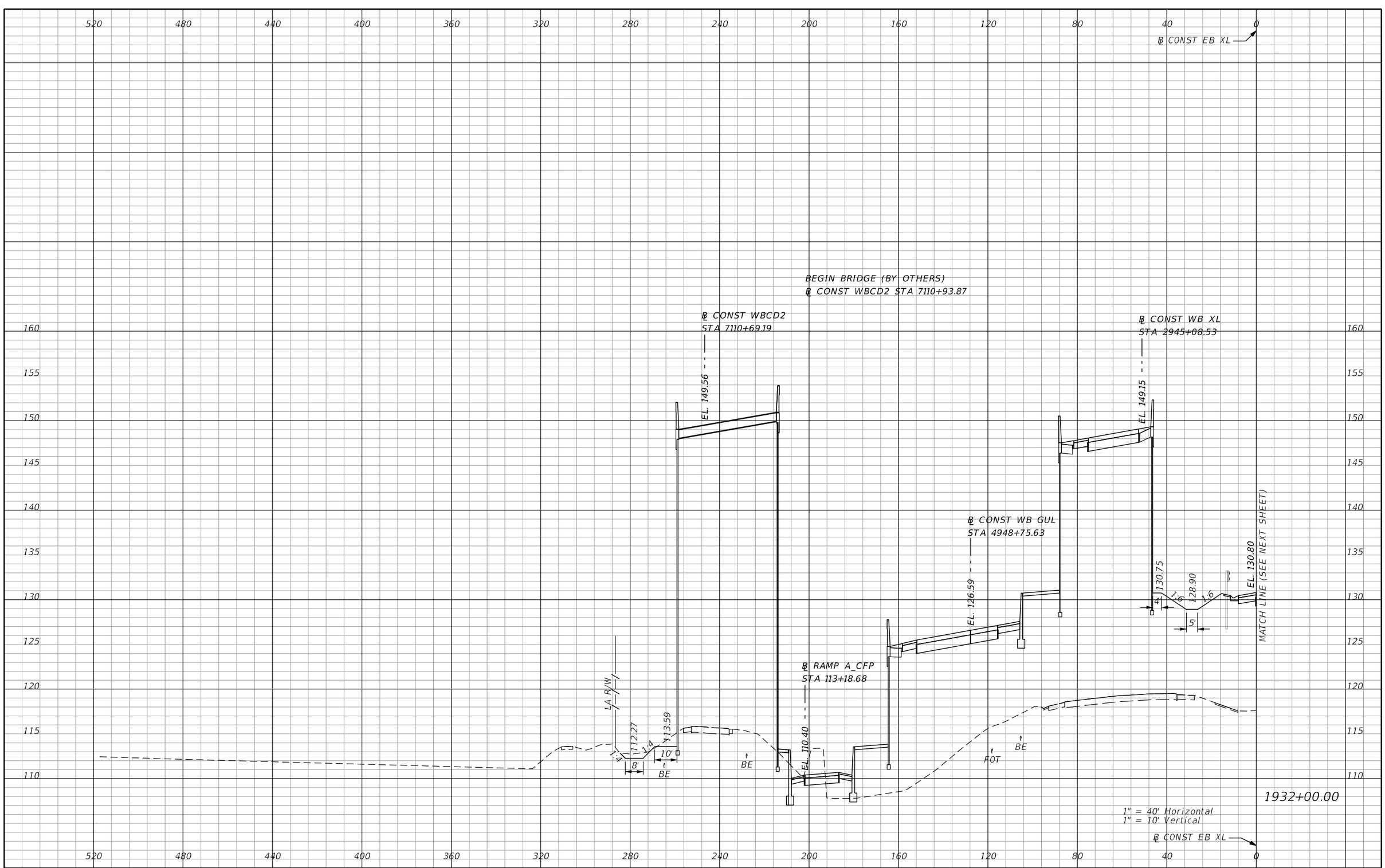

REVISIONS			
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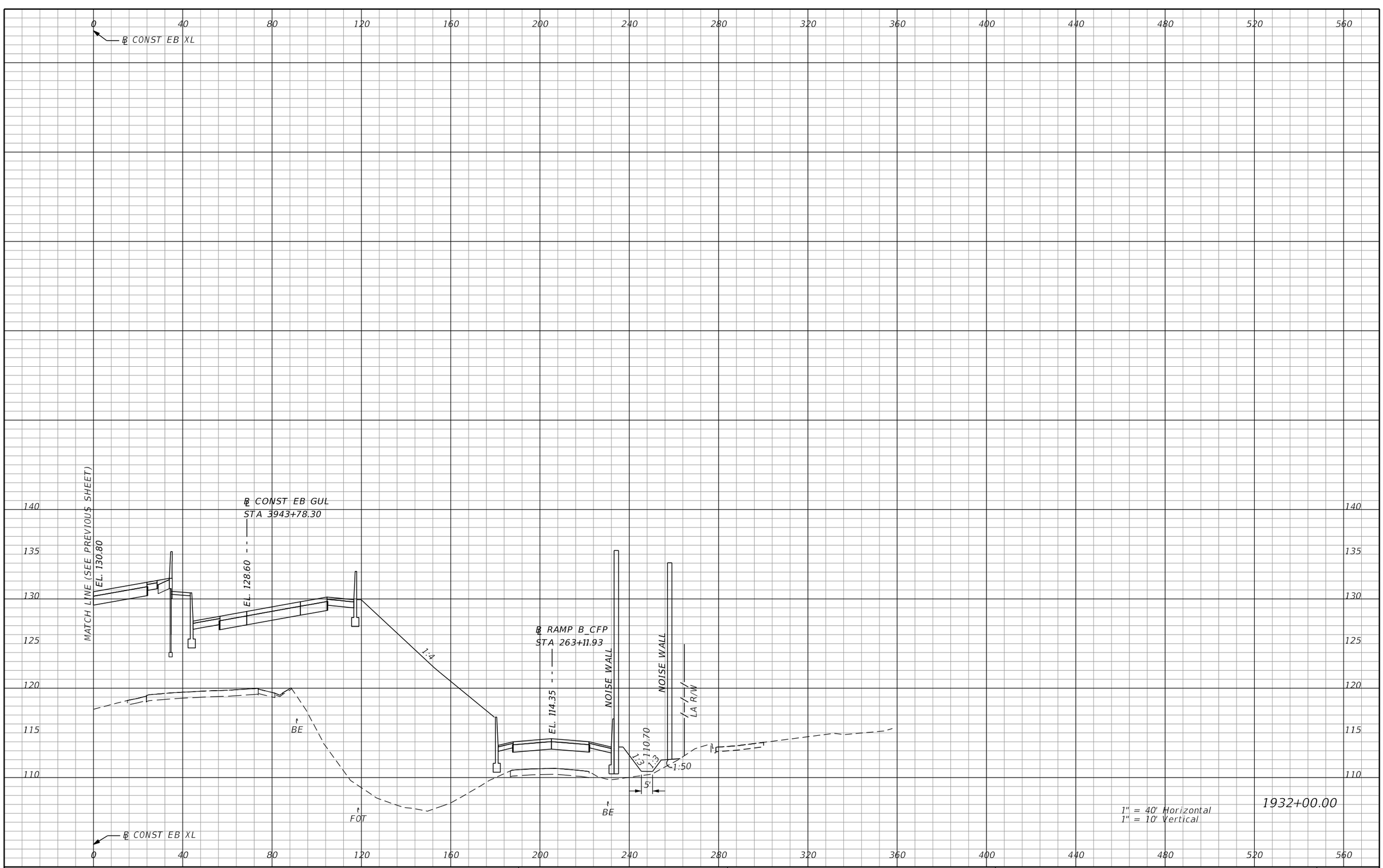
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 931

PRELIMINARY: NOT FOR CONSTRUCTION



PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 932

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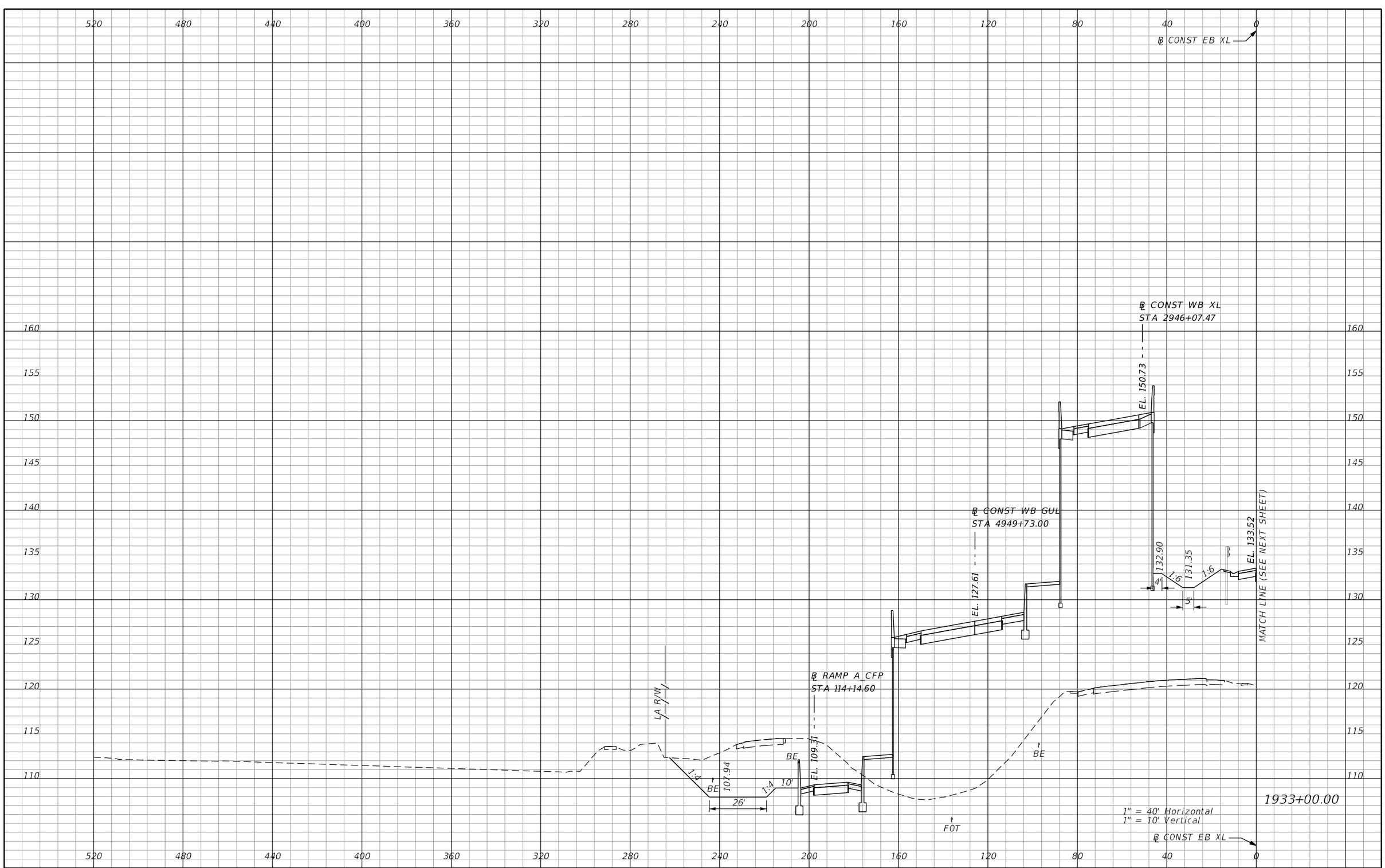

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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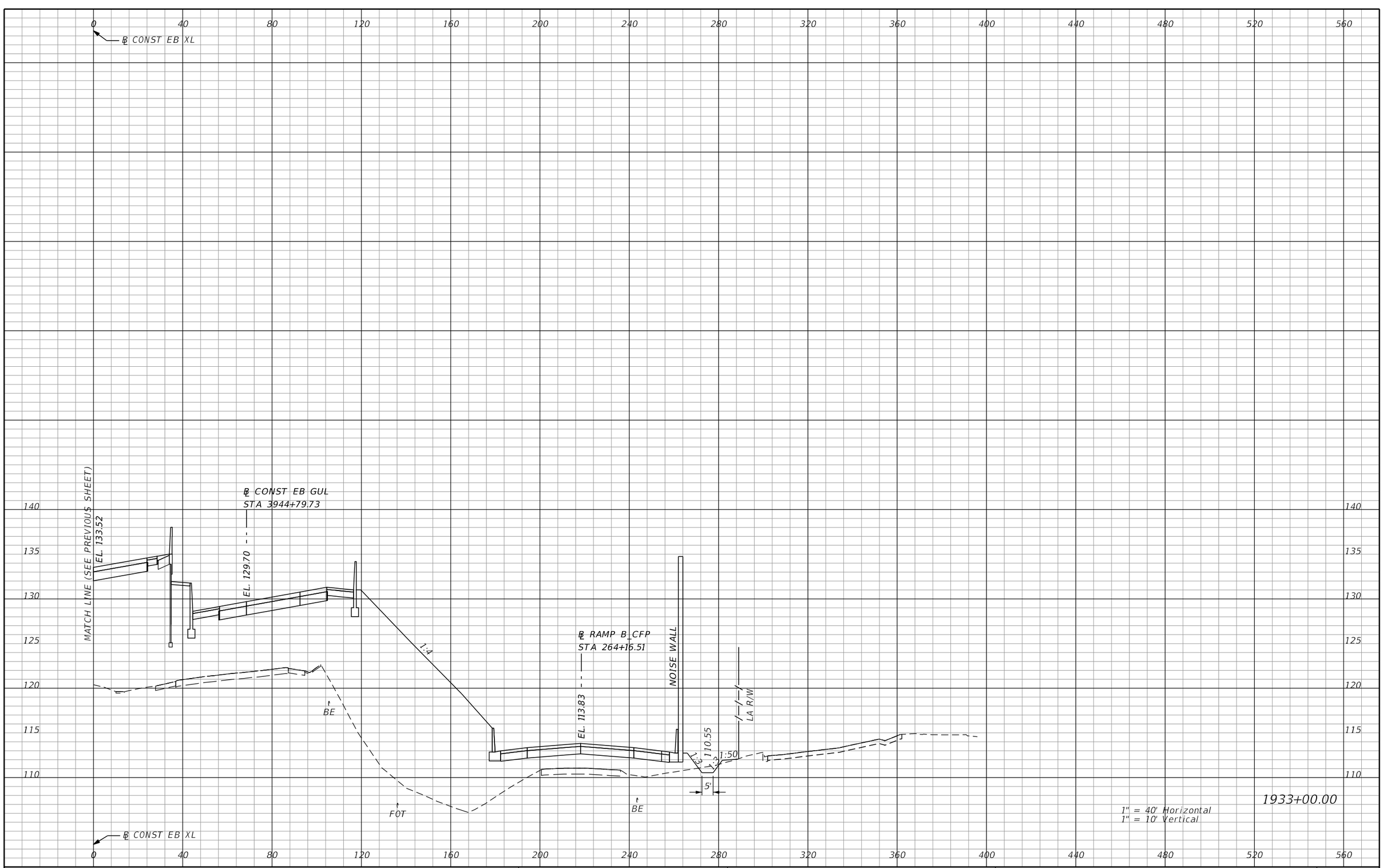
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 933



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 934

PRELIMINARY: NOT FOR CONSTRUCTION

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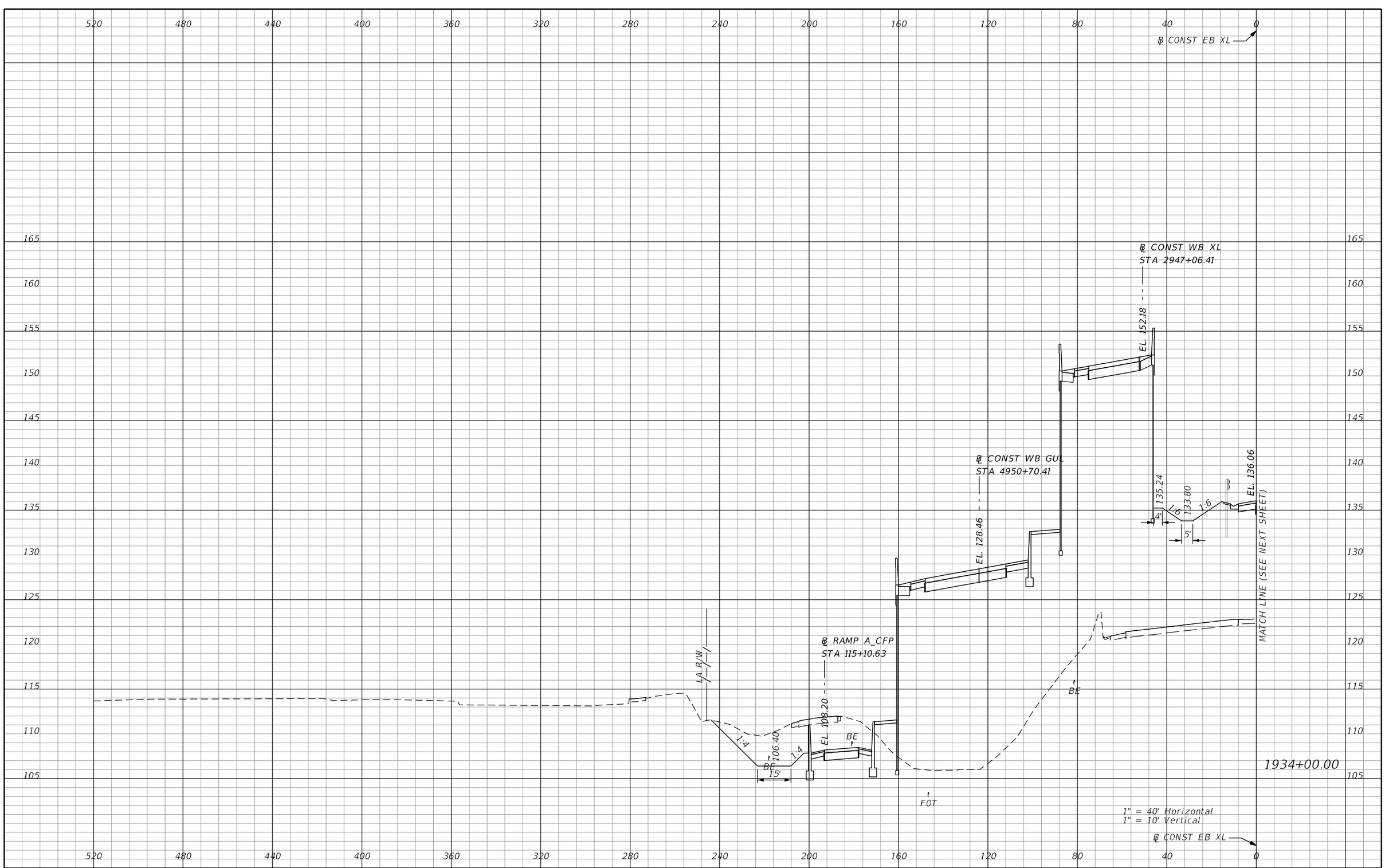

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 935

PRELIMINARY: NOT FOR CONSTRUCTION

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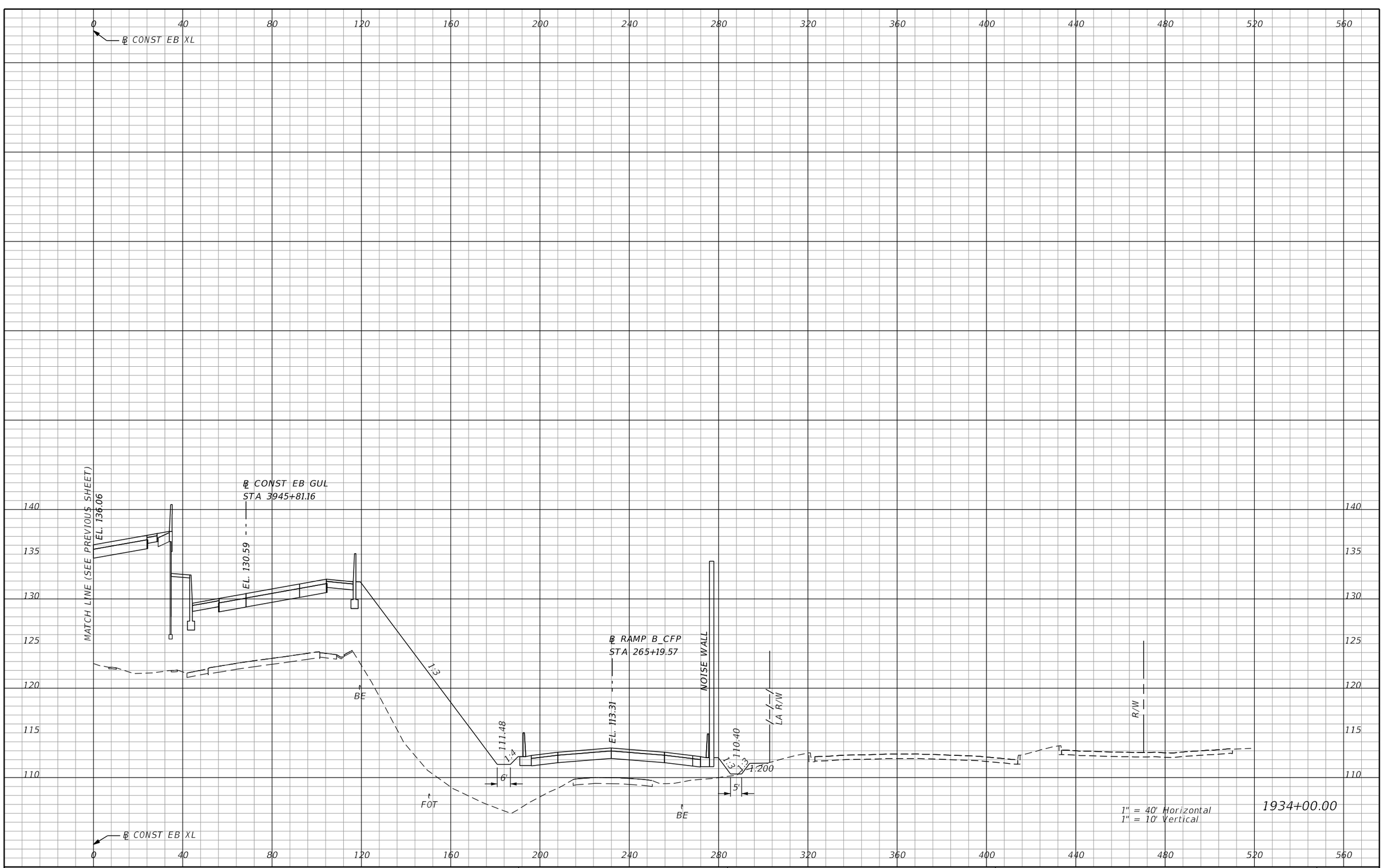

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 936

PRELIMINARY: NOT FOR CONSTRUCTION

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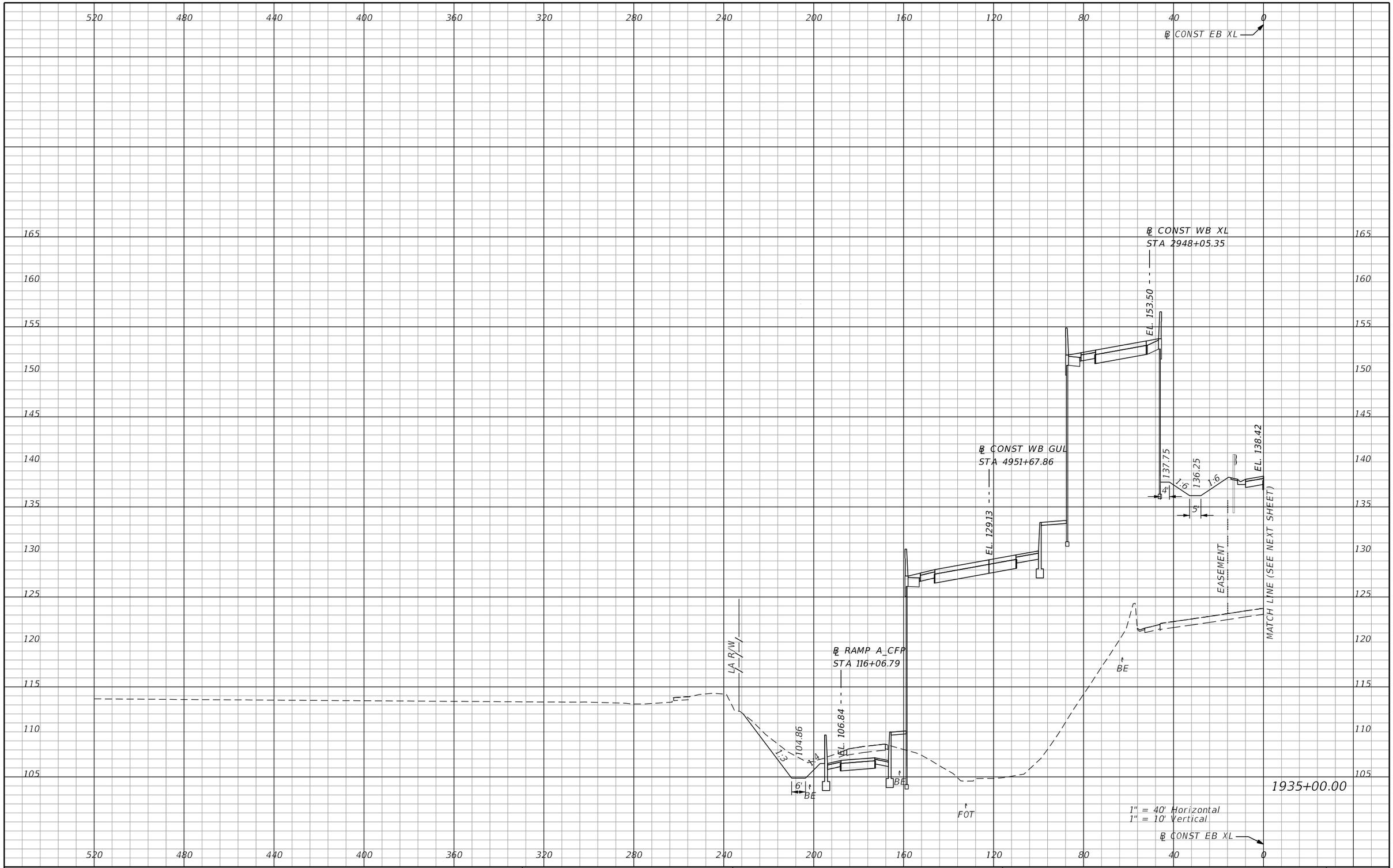

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 937

PRELIMINARY: NOT FOR CONSTRUCTION

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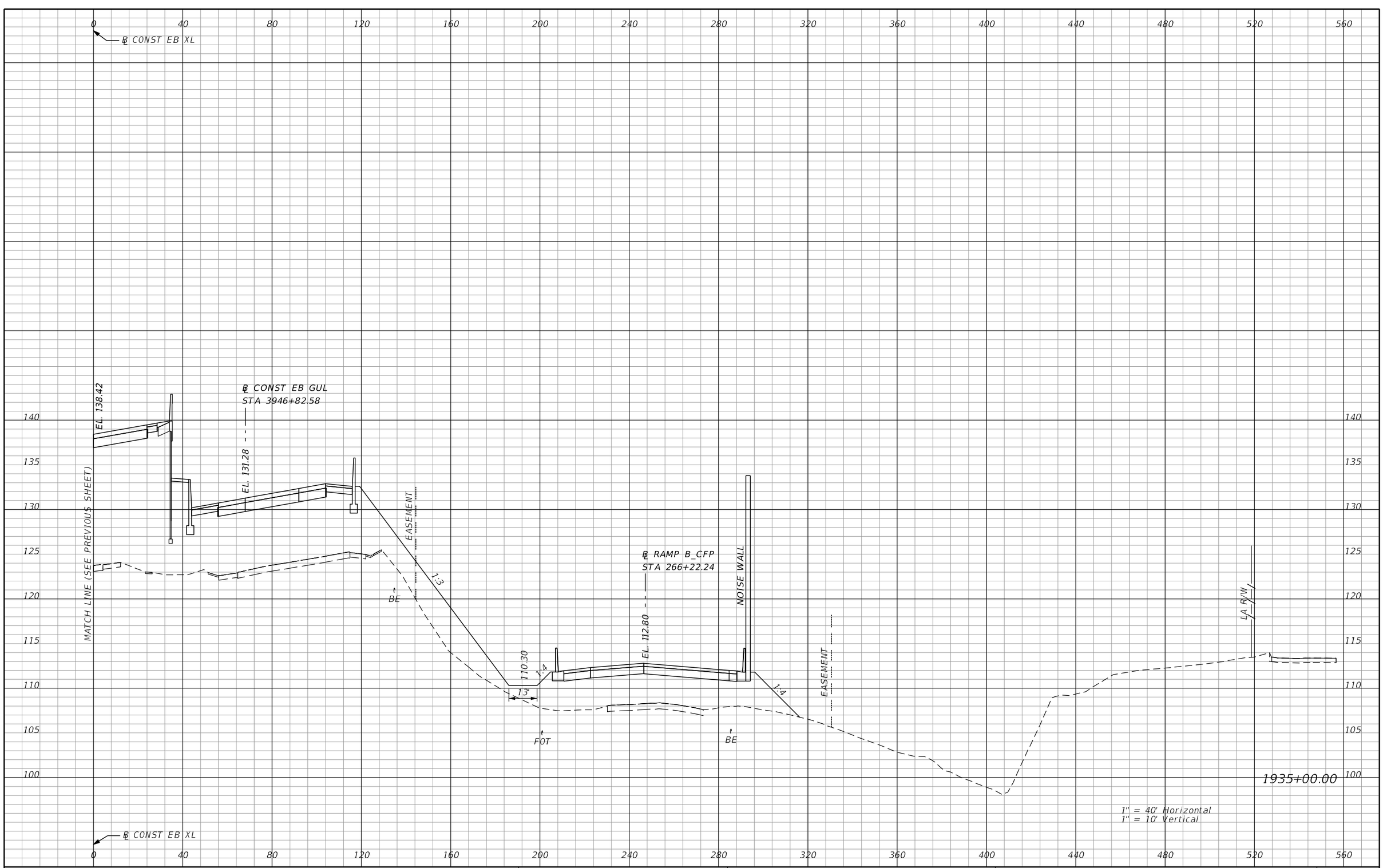

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 938

PRELIMINARY: NOT FOR CONSTRUCTION

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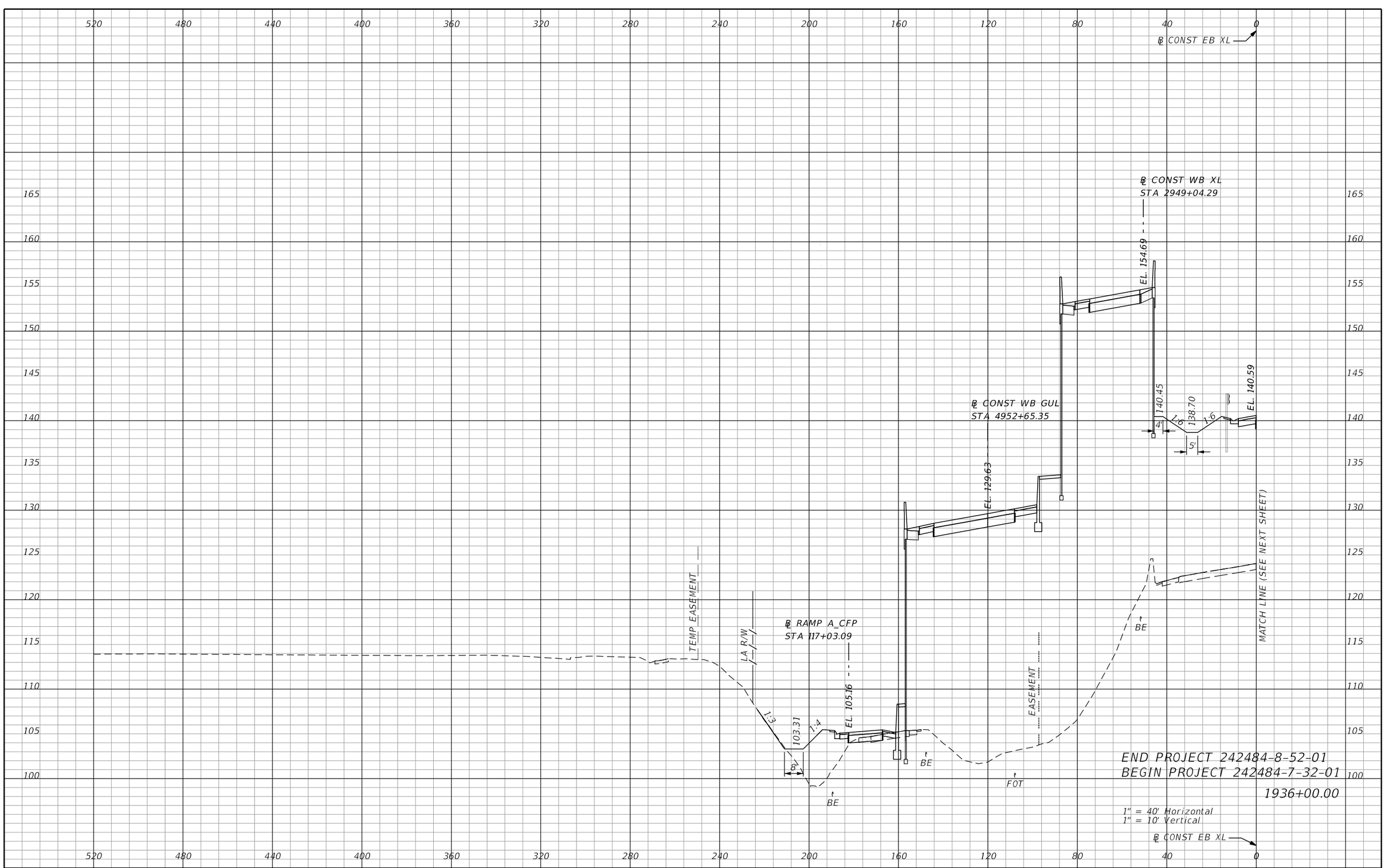

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 939

PRELIMINARY: NOT FOR CONSTRUCTION

mike.s.phillips 2/25/2021 5:21:07 PM c:\pwworking\aecom_na\msphillips\dms28329\RDXSRD03_SEGG_EBI4.DGN

℄ CONST EB XL

END CONSTRUCTION
END BRIDGE
℄ RAMP C_CFP STA 338+08.50

EL. 140.59

℄ CONST EB GUL
STA 3947+84.01

EL. 131.78

MATCH LINE (SEE PREVIOUS SHEET)

1:3

BE

℄ RAMP B_CFP
STA 267+27.59

EL. 112.27

110.36

1:4

28'

FOT

NOISE WALL

1:4

BE

LA R/W

END PROJECT 242484-8-52-01
BEGIN PROJECT 242484-7-32-01
1936+00.00

1" = 40' Horizontal
1" = 10' Vertical

℄ CONST EB XL

0 40 80 120 160 200 240 280 320 360 400 440 480 520 560

145 140 135 130 125 120 115 110 105 100

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 940

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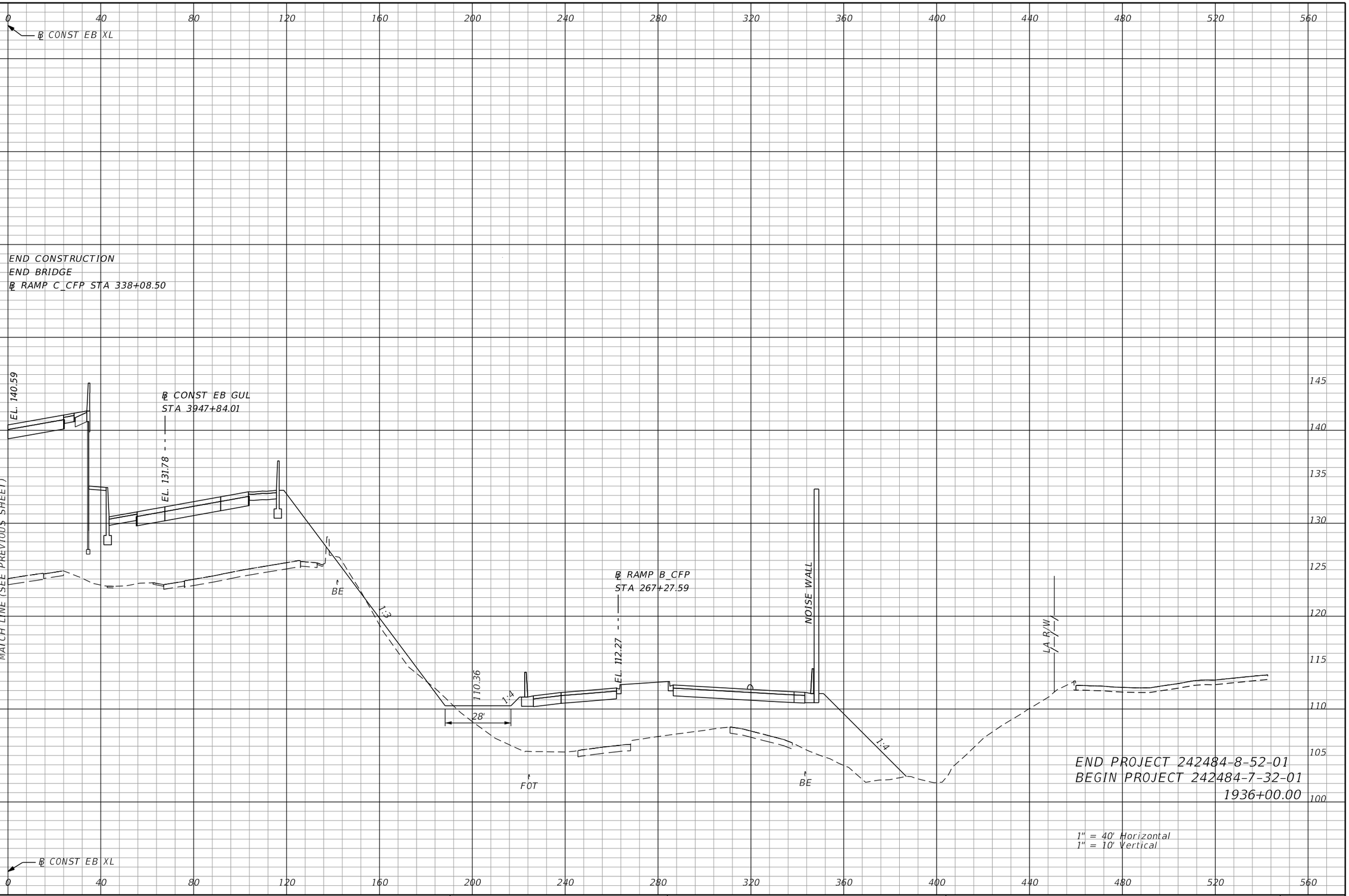

PRELIMINARY: NOT FOR CONSTRUCTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 941

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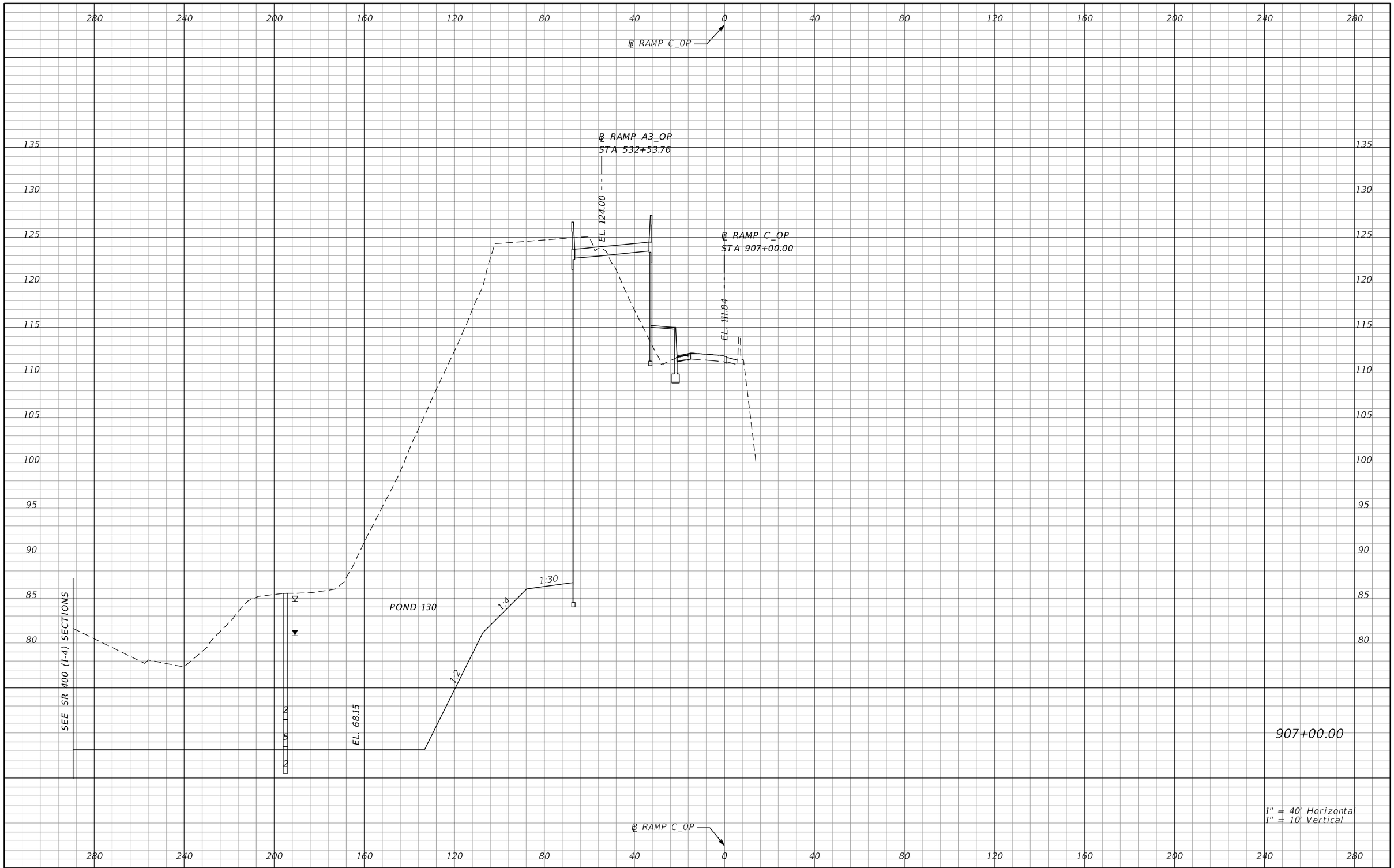

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C_OP CROSS SECTIONS

SHEET NO. 942

PRELIMINARY: NOT FOR CONSTRUCTION

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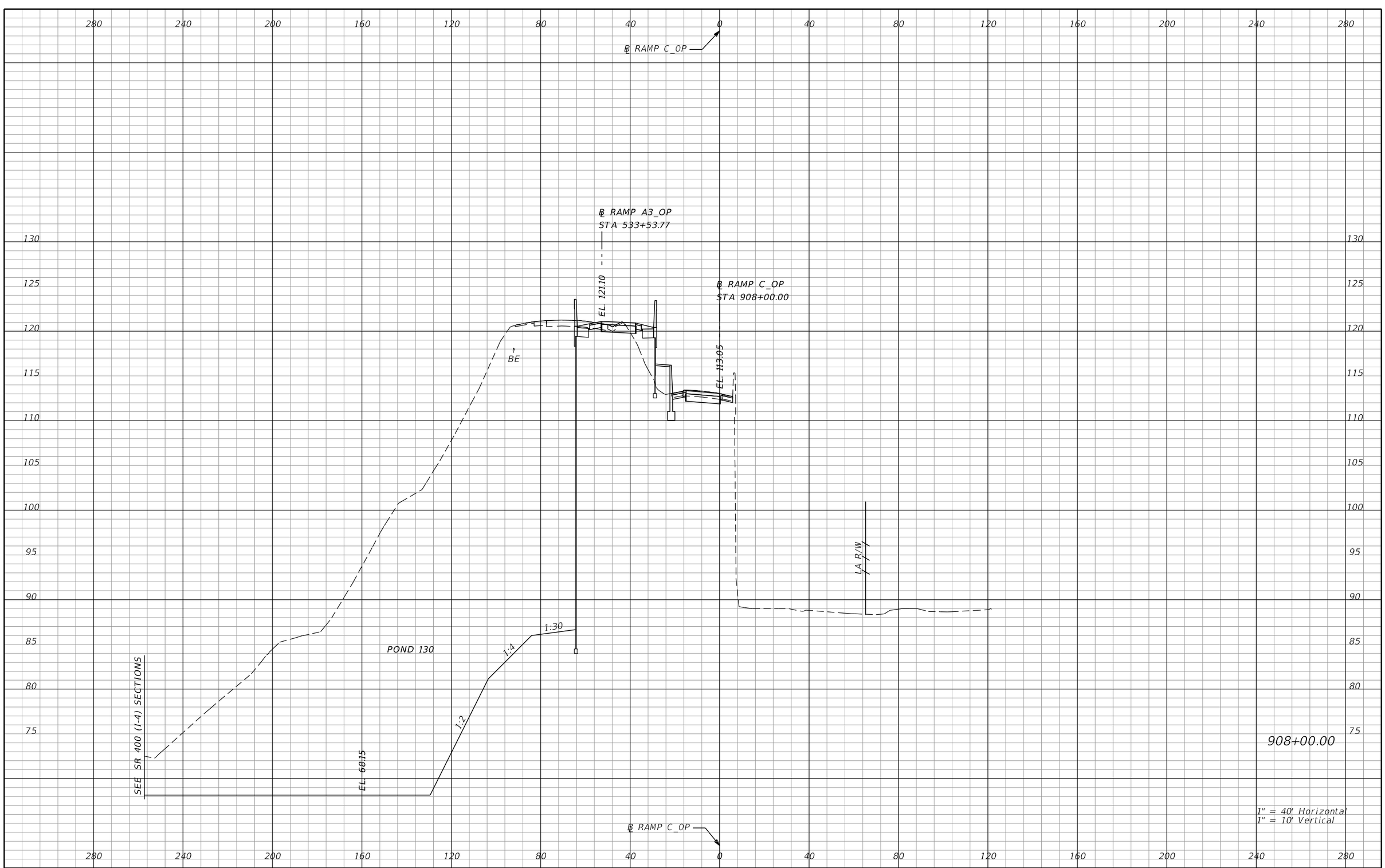

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C_OP CROSS SECTIONS

SHEET NO. 943

PRELIMINARY: NOT FOR CONSTRUCTION

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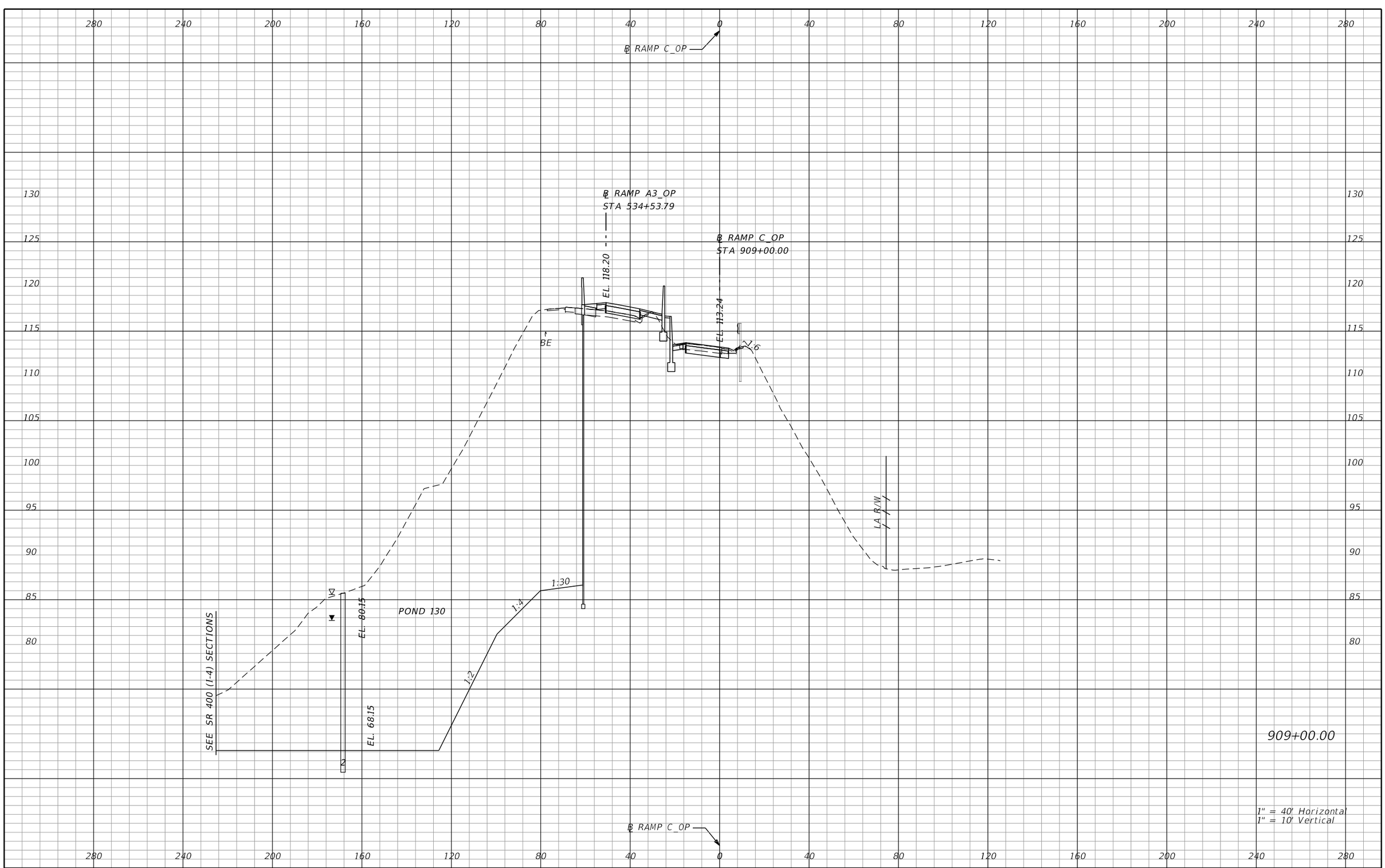

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C_OP CROSS SECTIONS

SHEET NO. 944

PRELIMINARY: NOT FOR CONSTRUCTION

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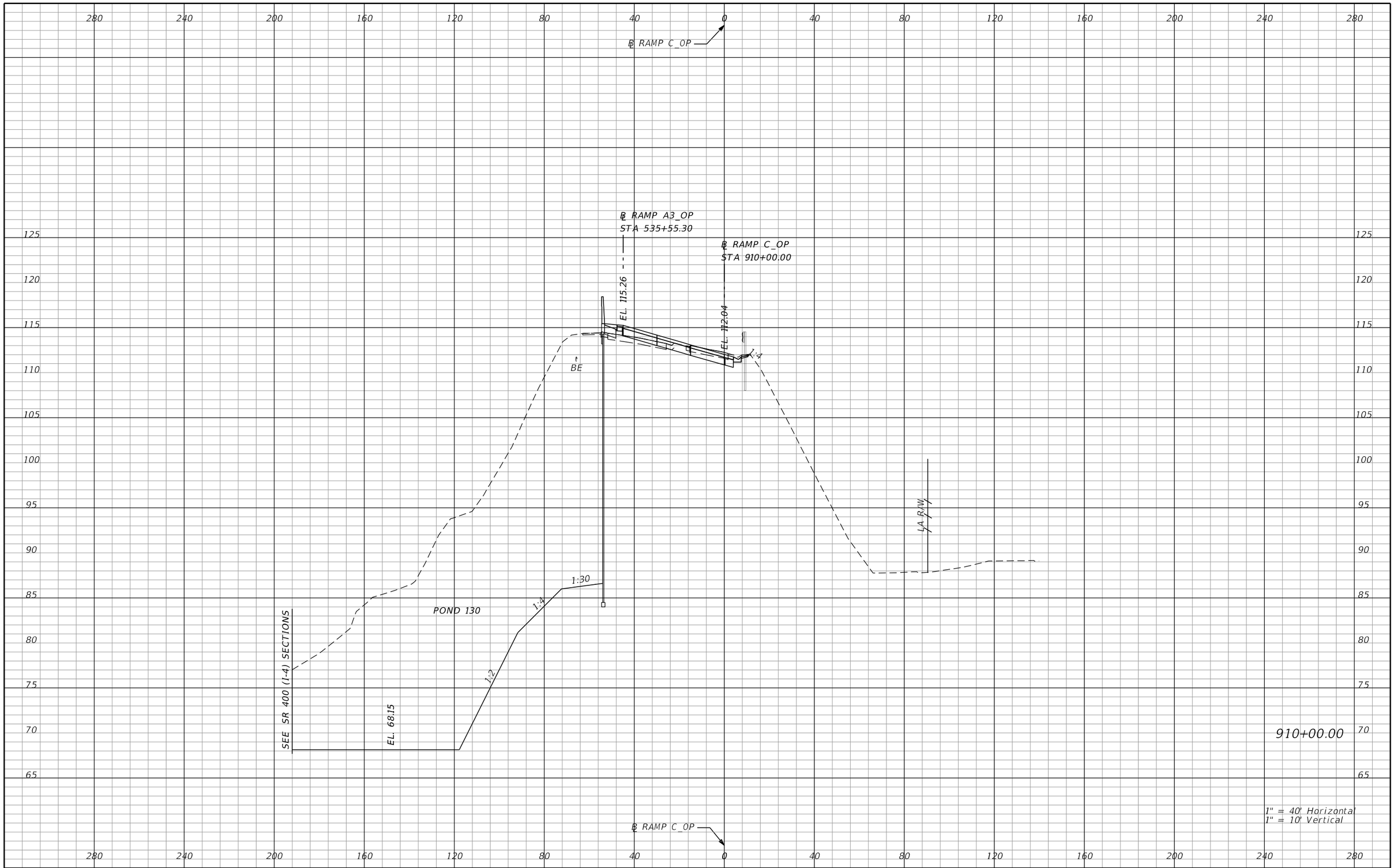

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C_OP CROSS SECTIONS

SHEET NO. 945

PRELIMINARY: NOT FOR CONSTRUCTION

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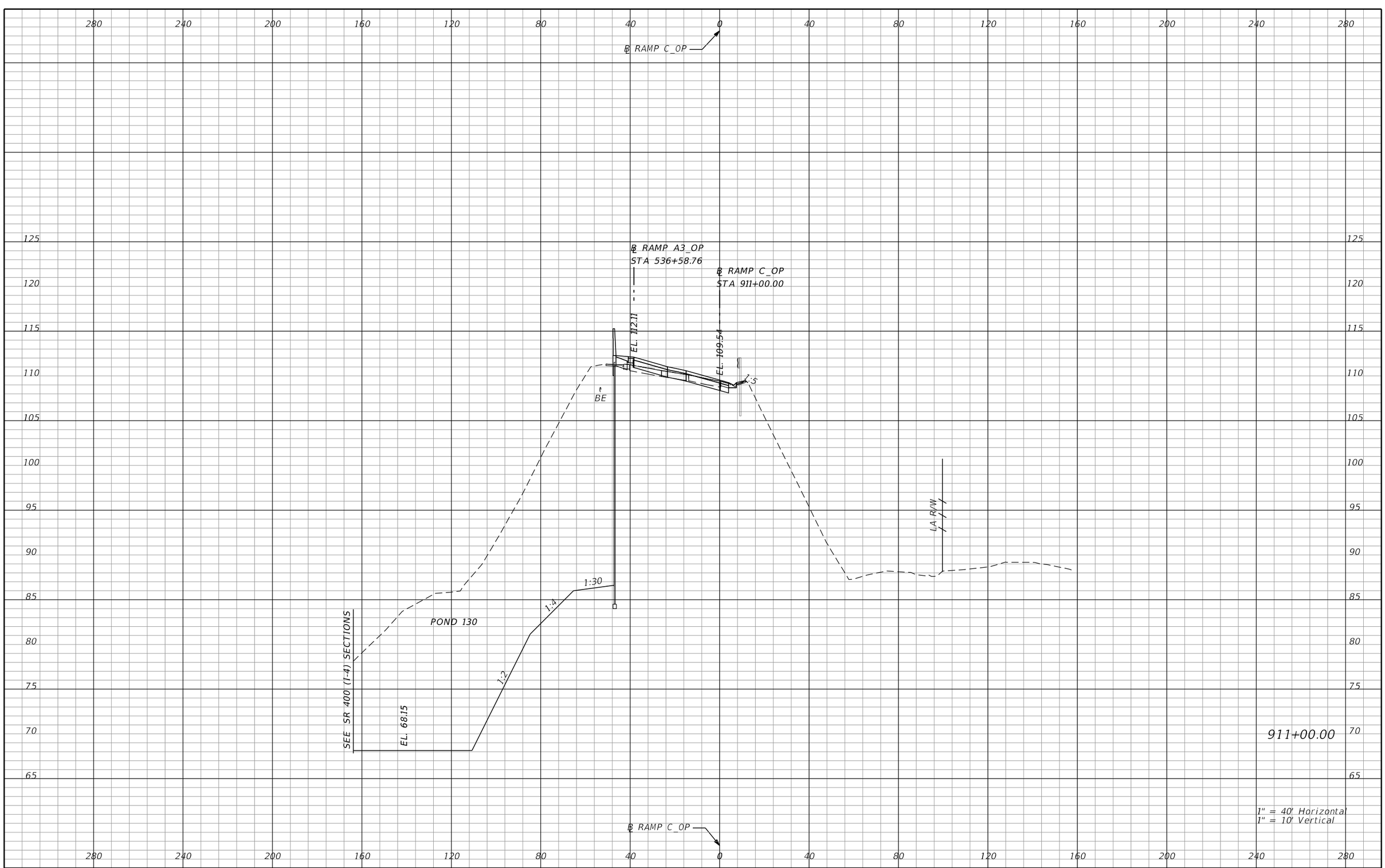

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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C_OP CROSS SECTIONS

SHEET NO. 946

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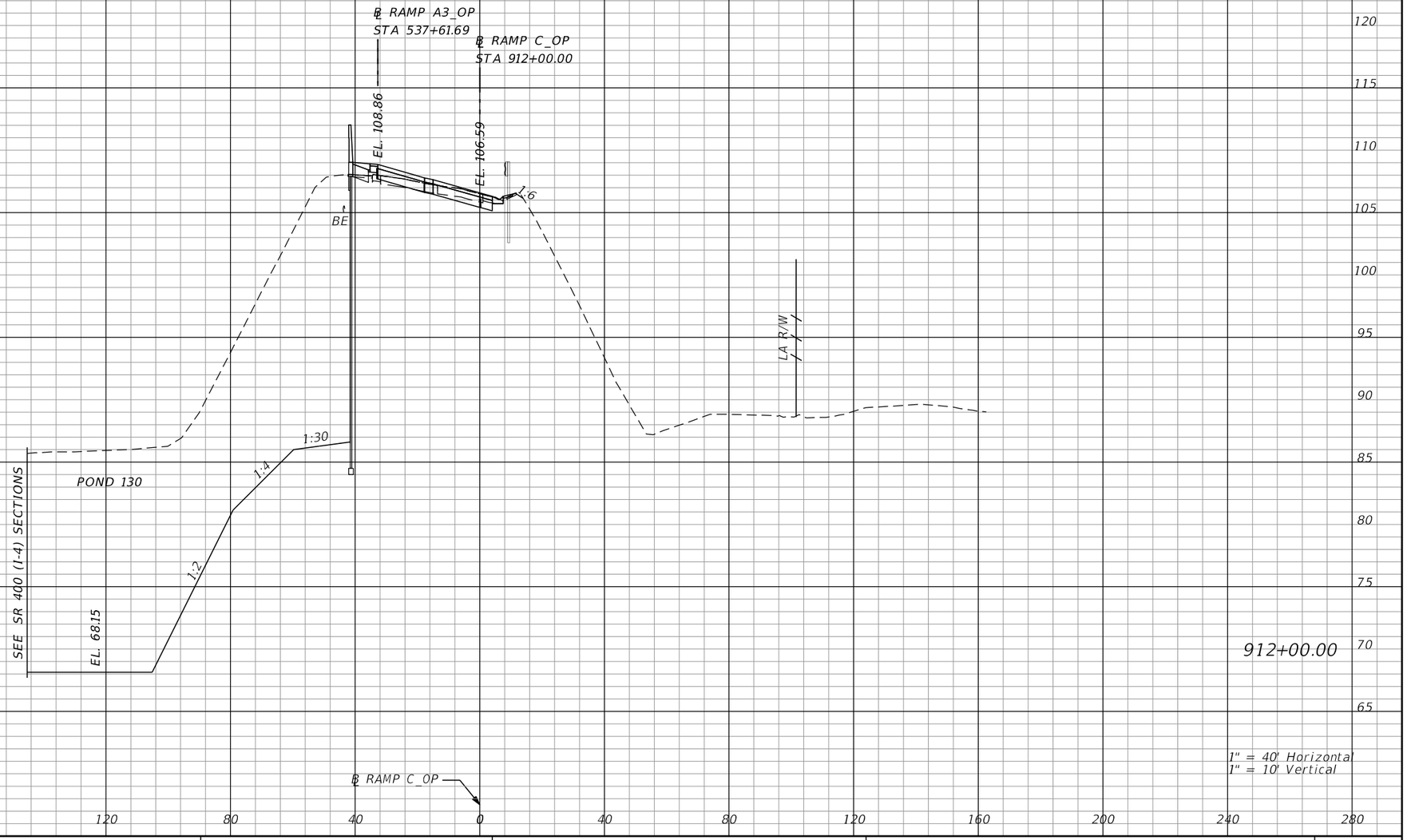
PRELIMINARY: NOT FOR CONSTRUCTION

℄ RAMP C_OP

SEE SR 400 (I-4) SECTIONS FOR
CONTINUATION OF RAMPS A3_OP & C_OP SECTIONS



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C_OP CROSS SECTIONS

SHEET NO. 947

PRELIMINARY: NOT FOR CONSTRUCTION

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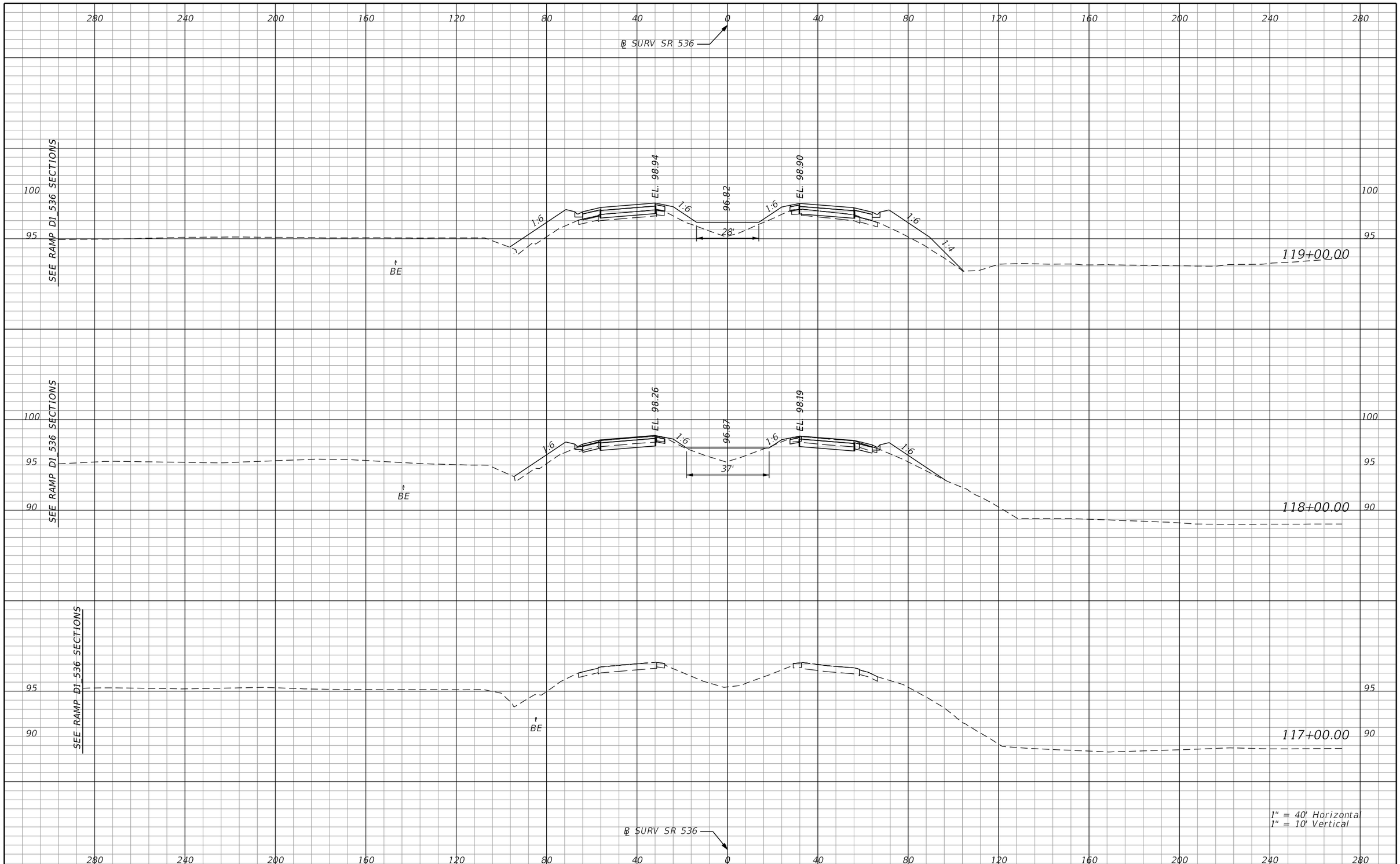

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 948

PRELIMINARY; NOT FOR CONSTRUCTION

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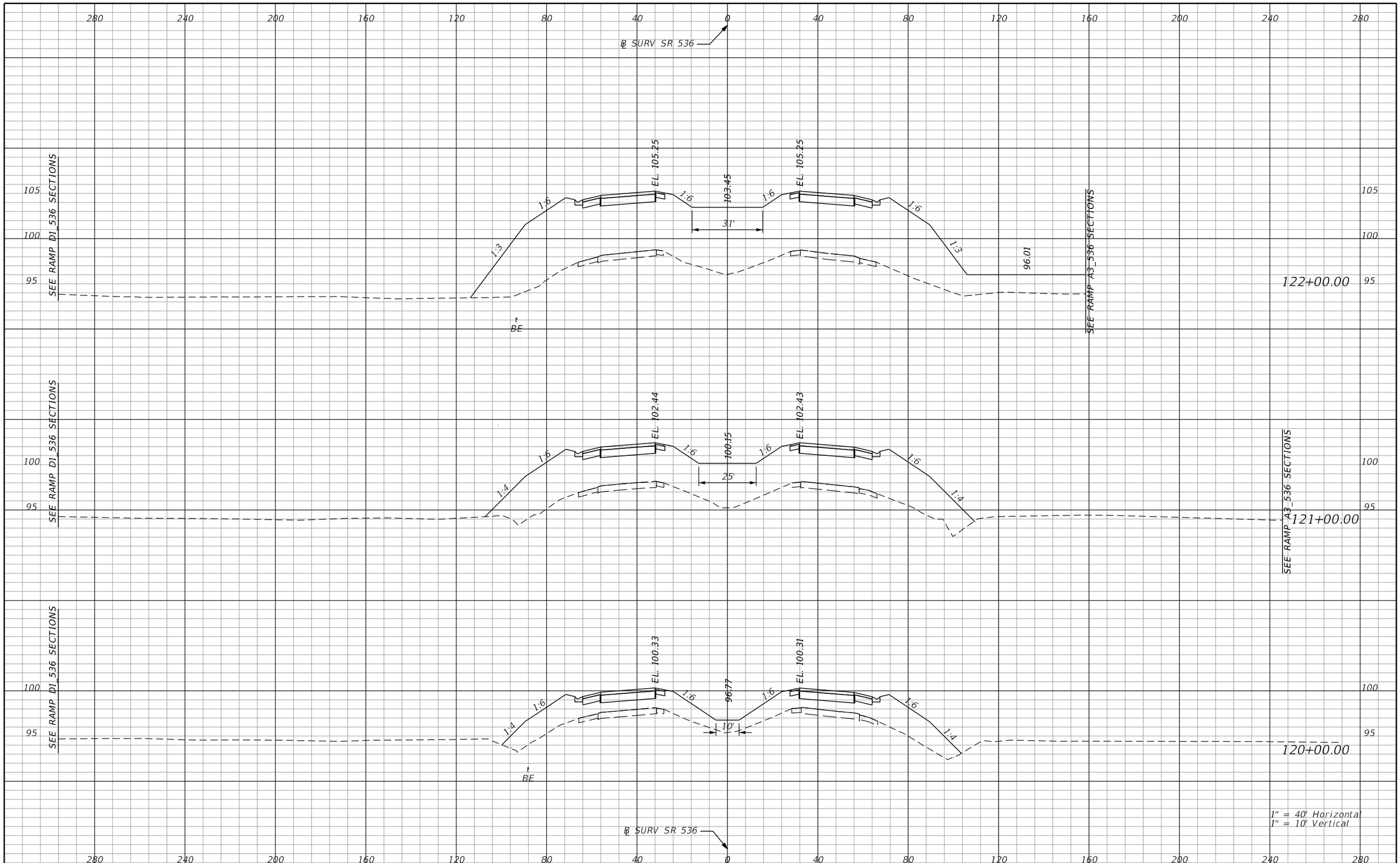

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 949

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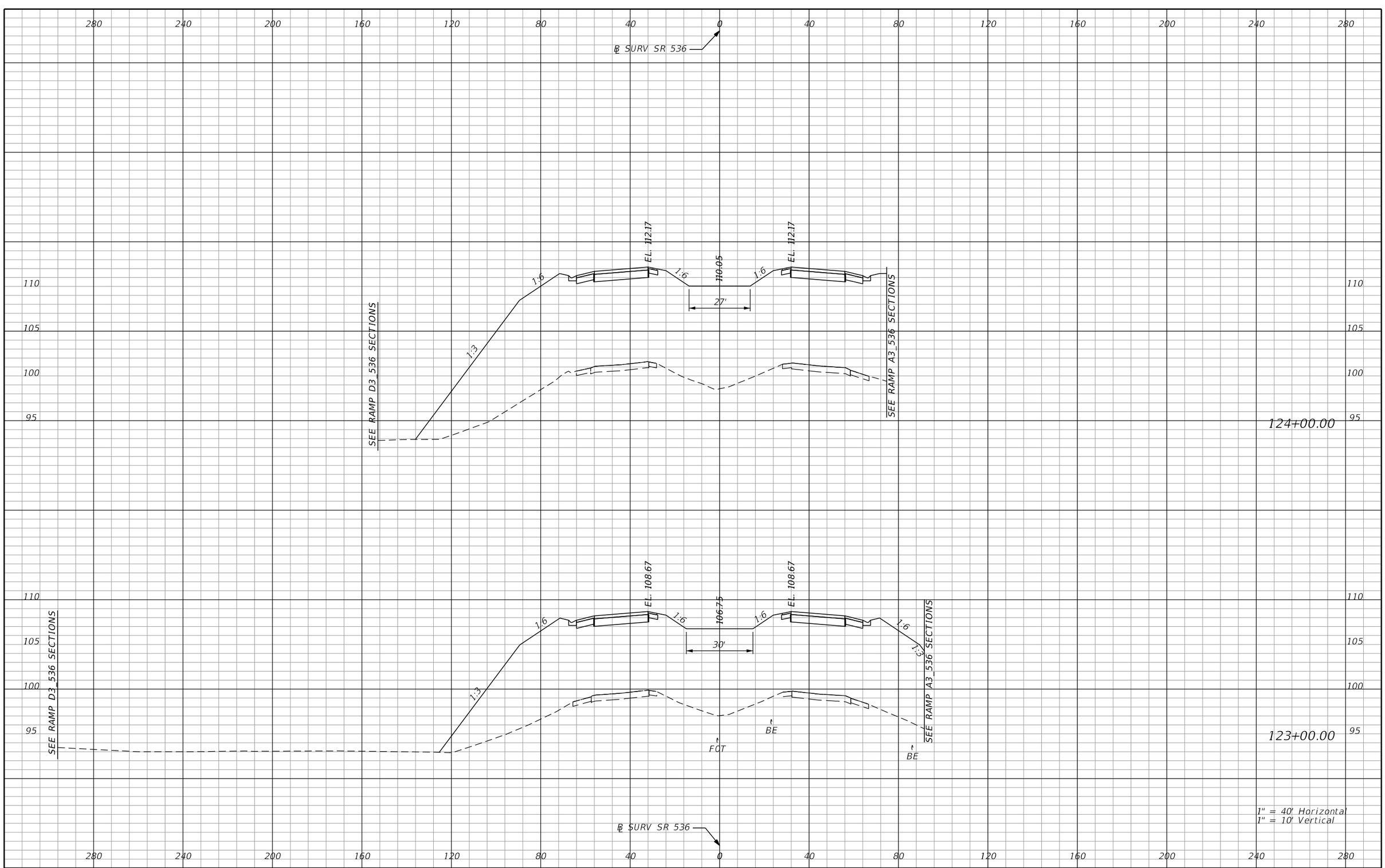

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 950

PRELIMINARY: NOT FOR CONSTRUCTION

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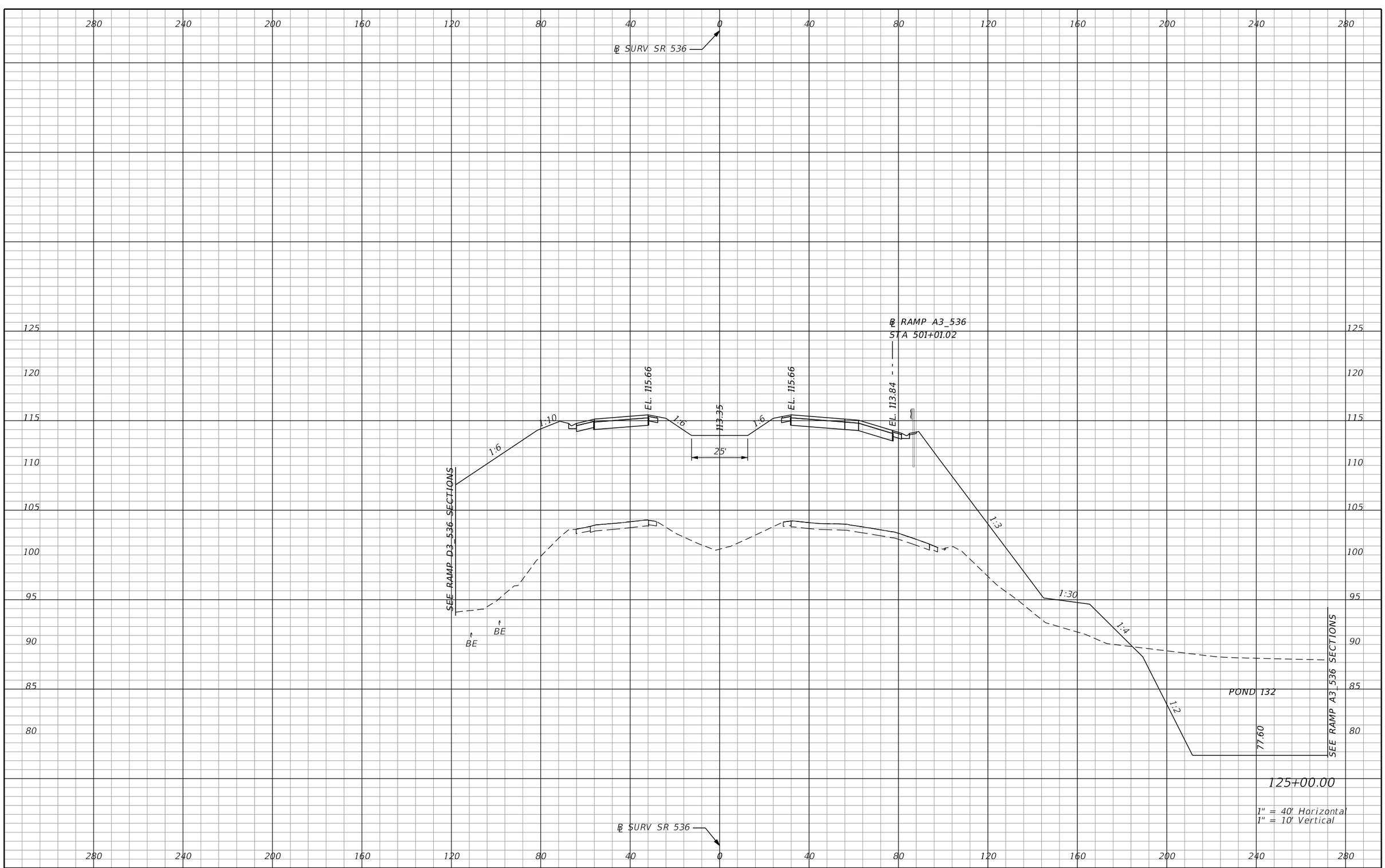

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Orlando, FL, 32801
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 951

PRELIMINARY: NOT FOR CONSTRUCTION

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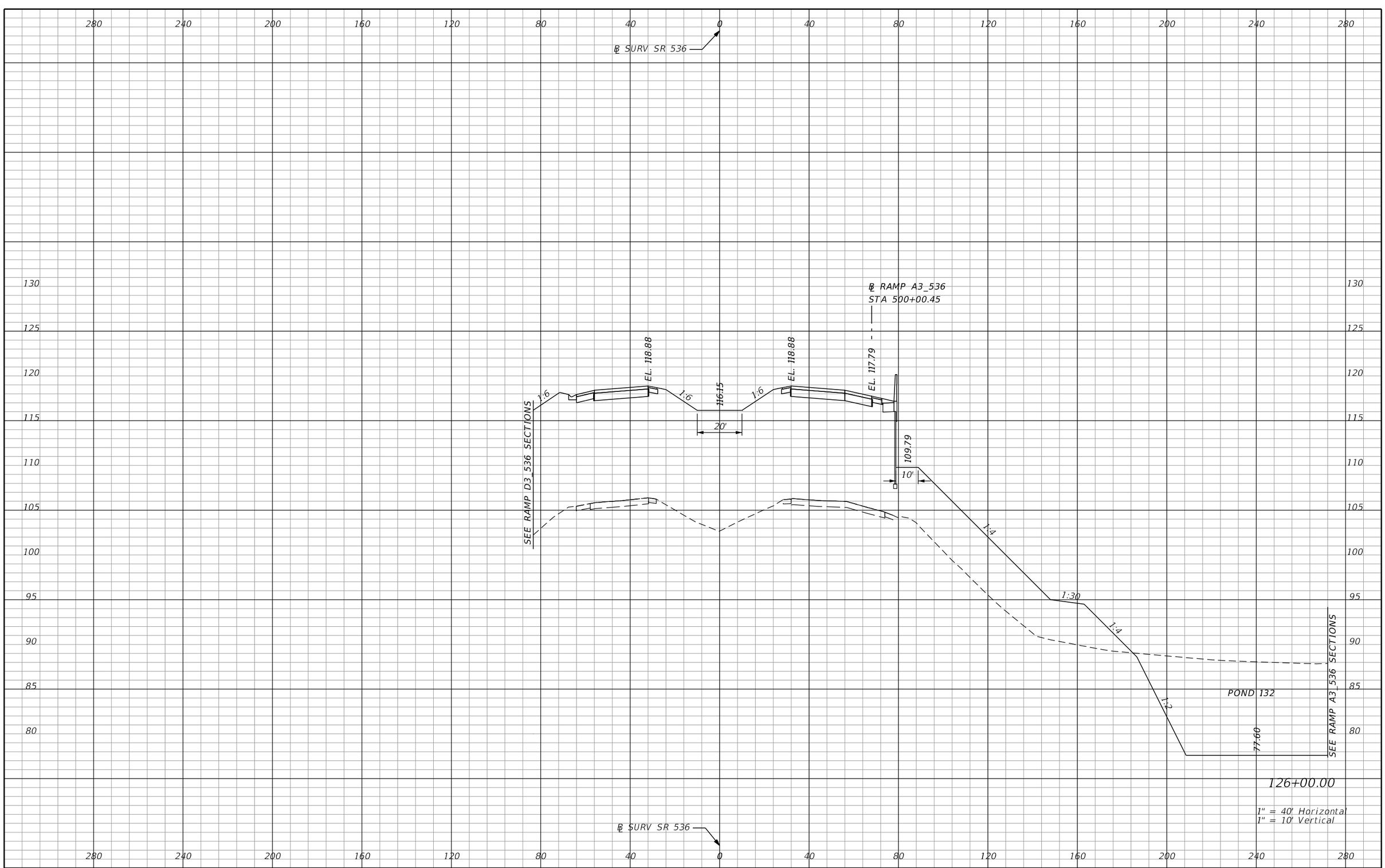

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 952

PRELIMINARY: NOT FOR CONSTRUCTION

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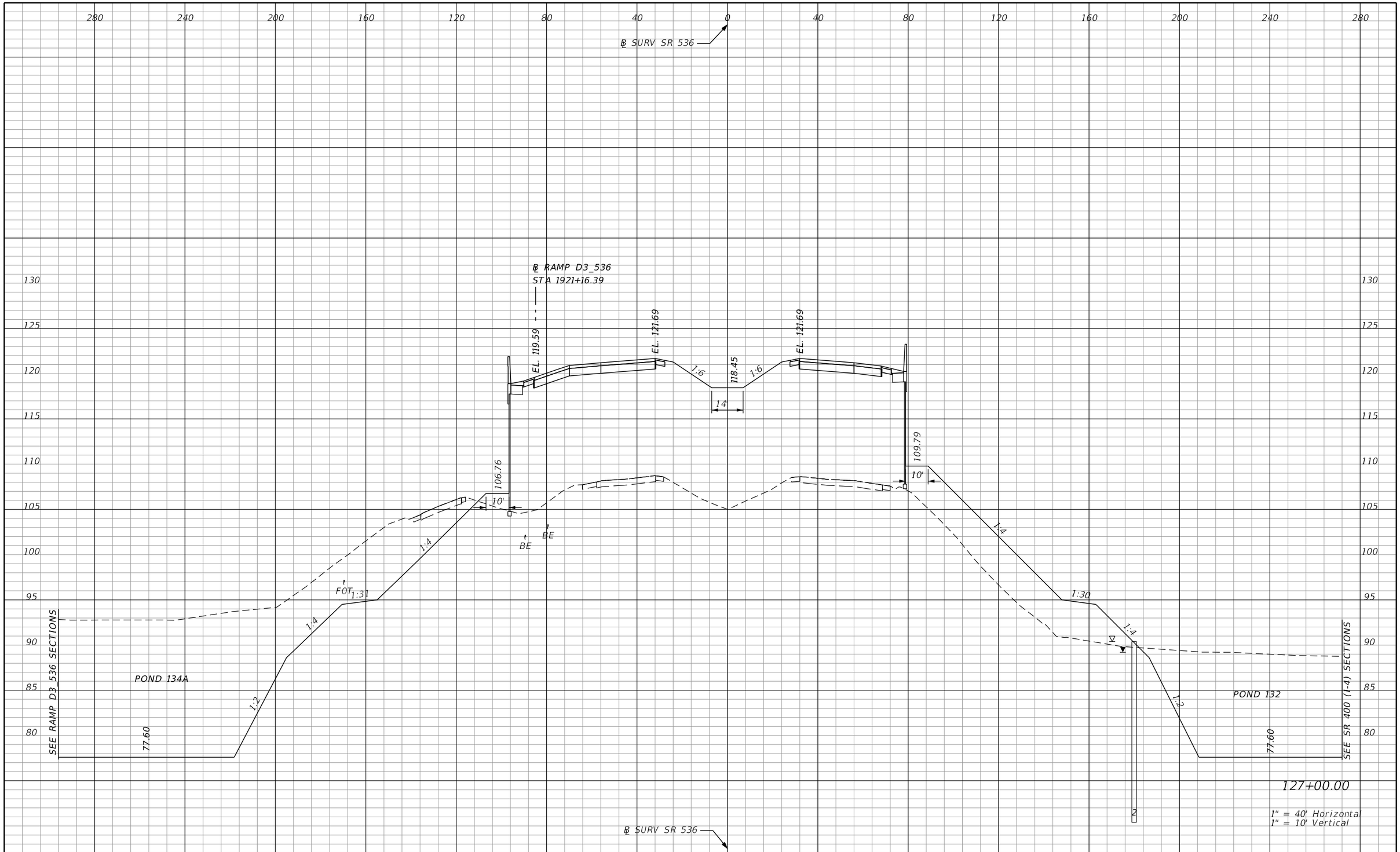

127+00.00

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 953

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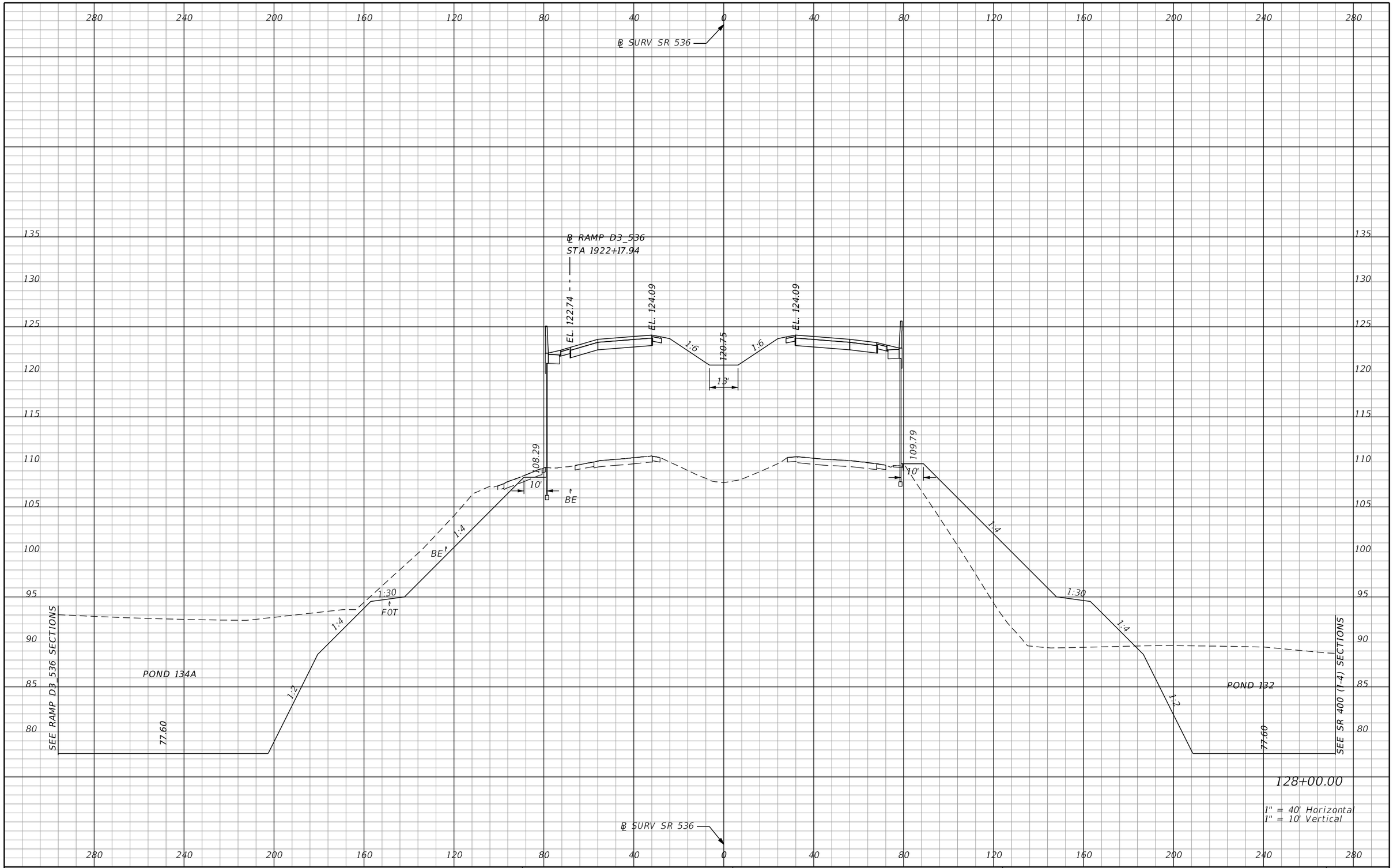

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 954

PRELIMINARY; NOT FOR CONSTRUCTION

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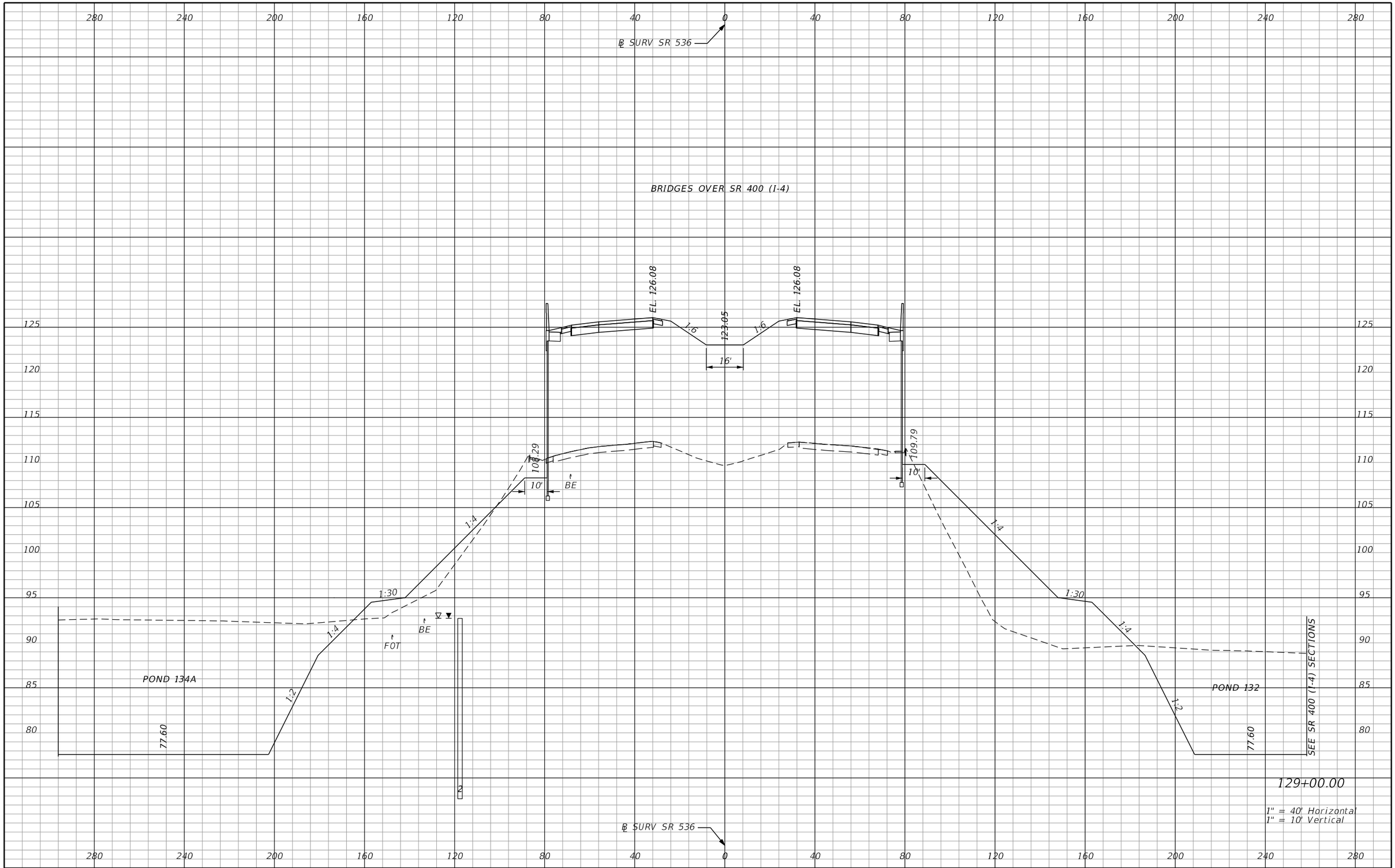

129+00.00

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 955

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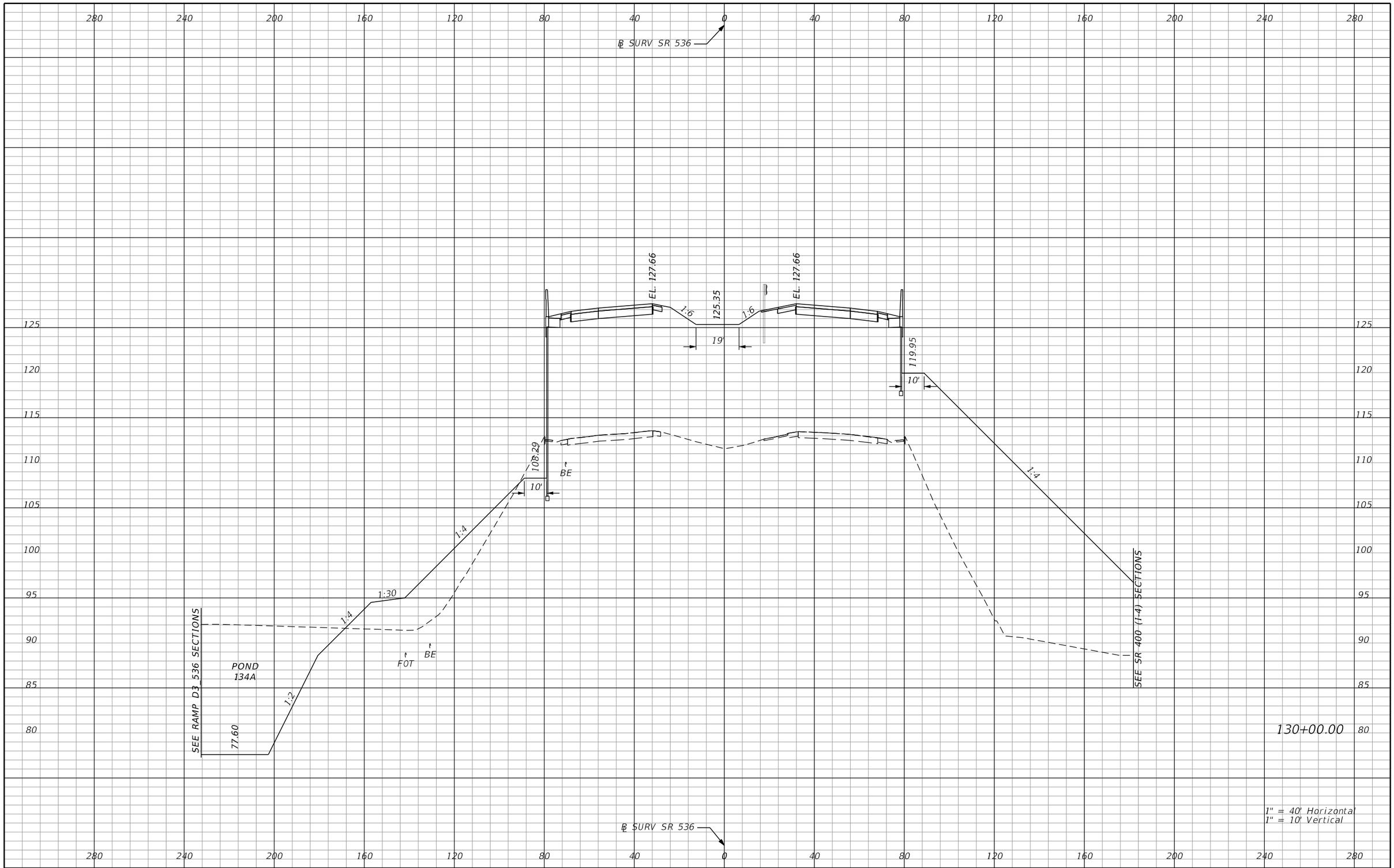

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

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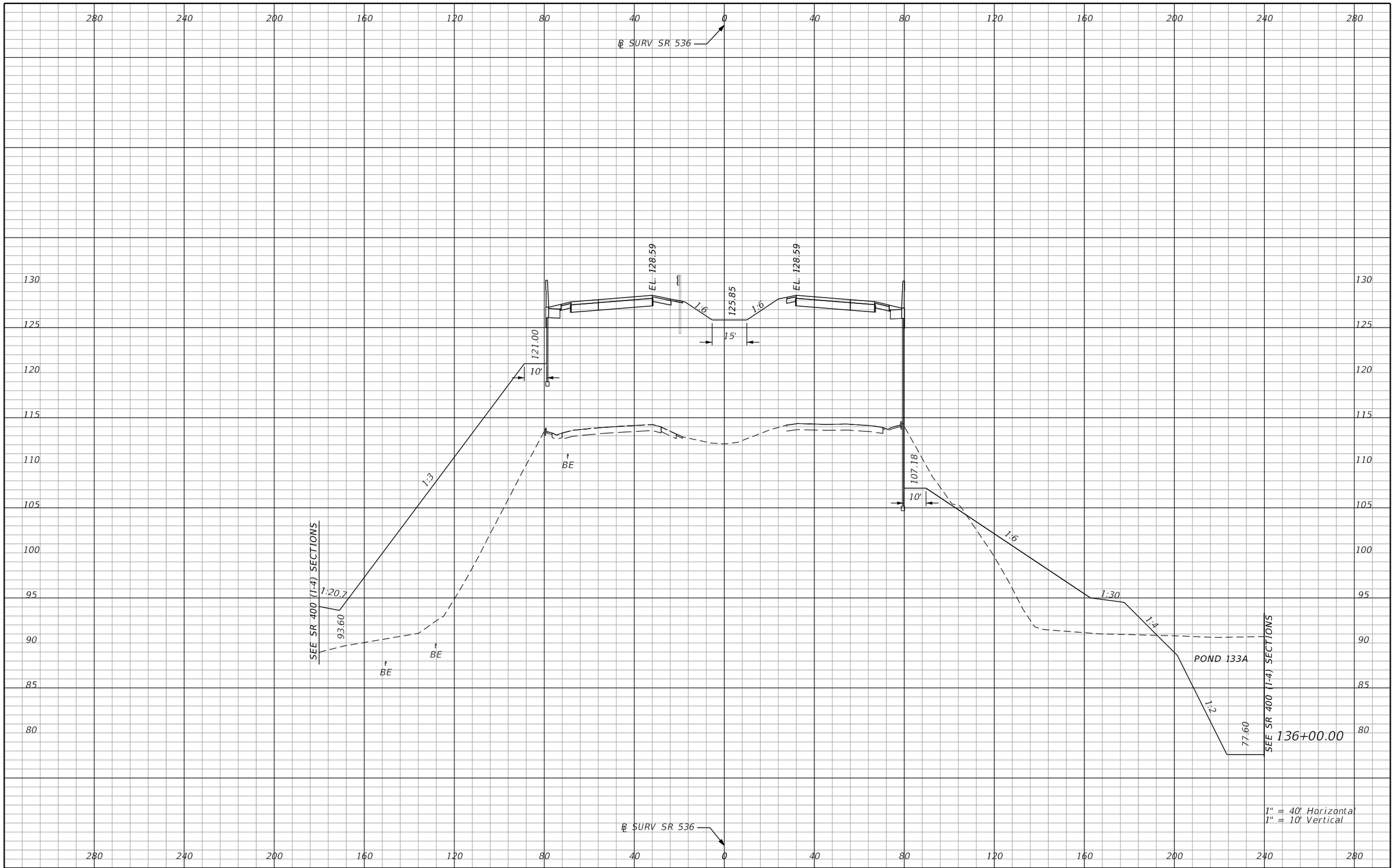
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO.
956



REVISIONS			
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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 957

PRELIMINARY: NOT FOR CONSTRUCTION

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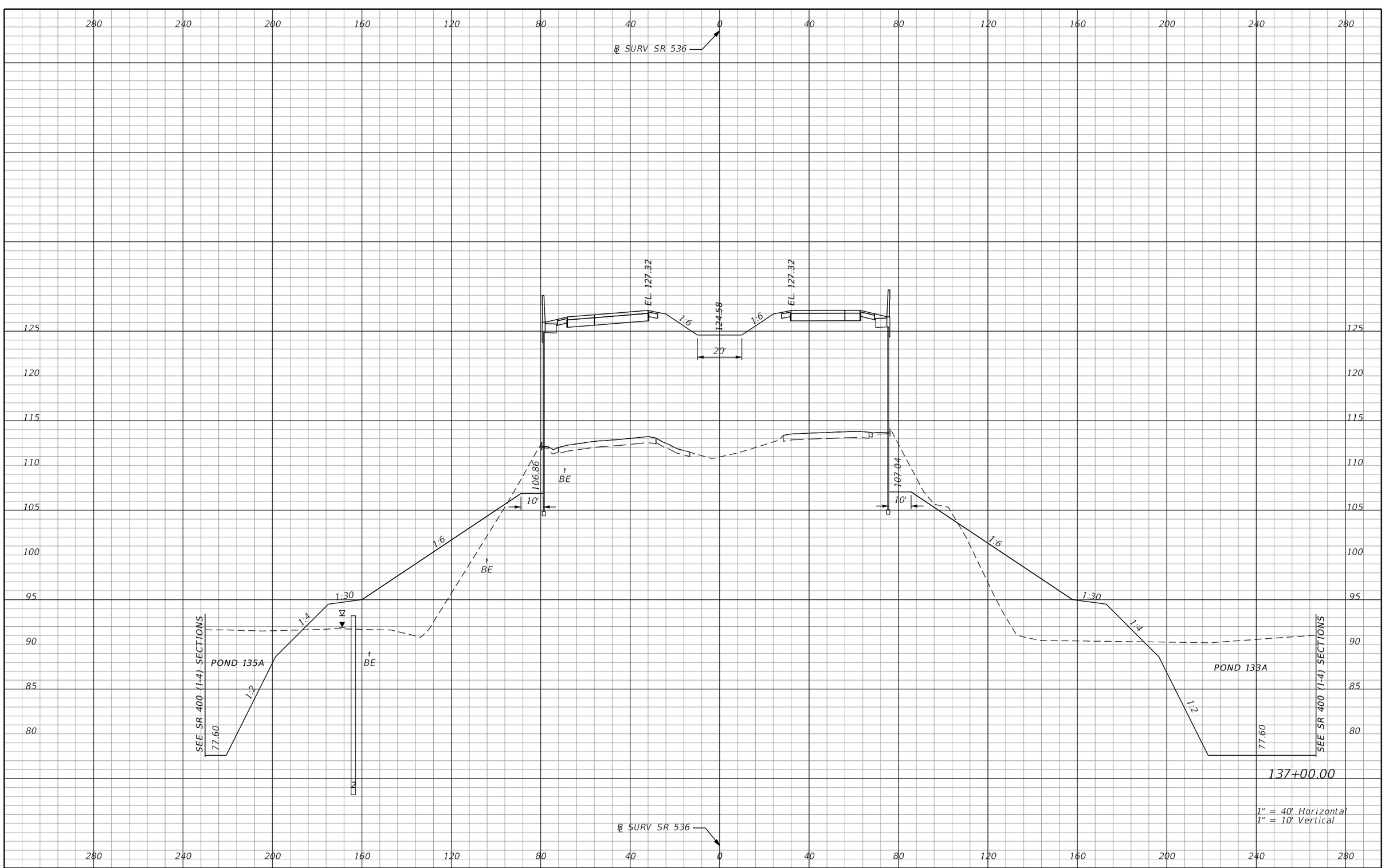

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

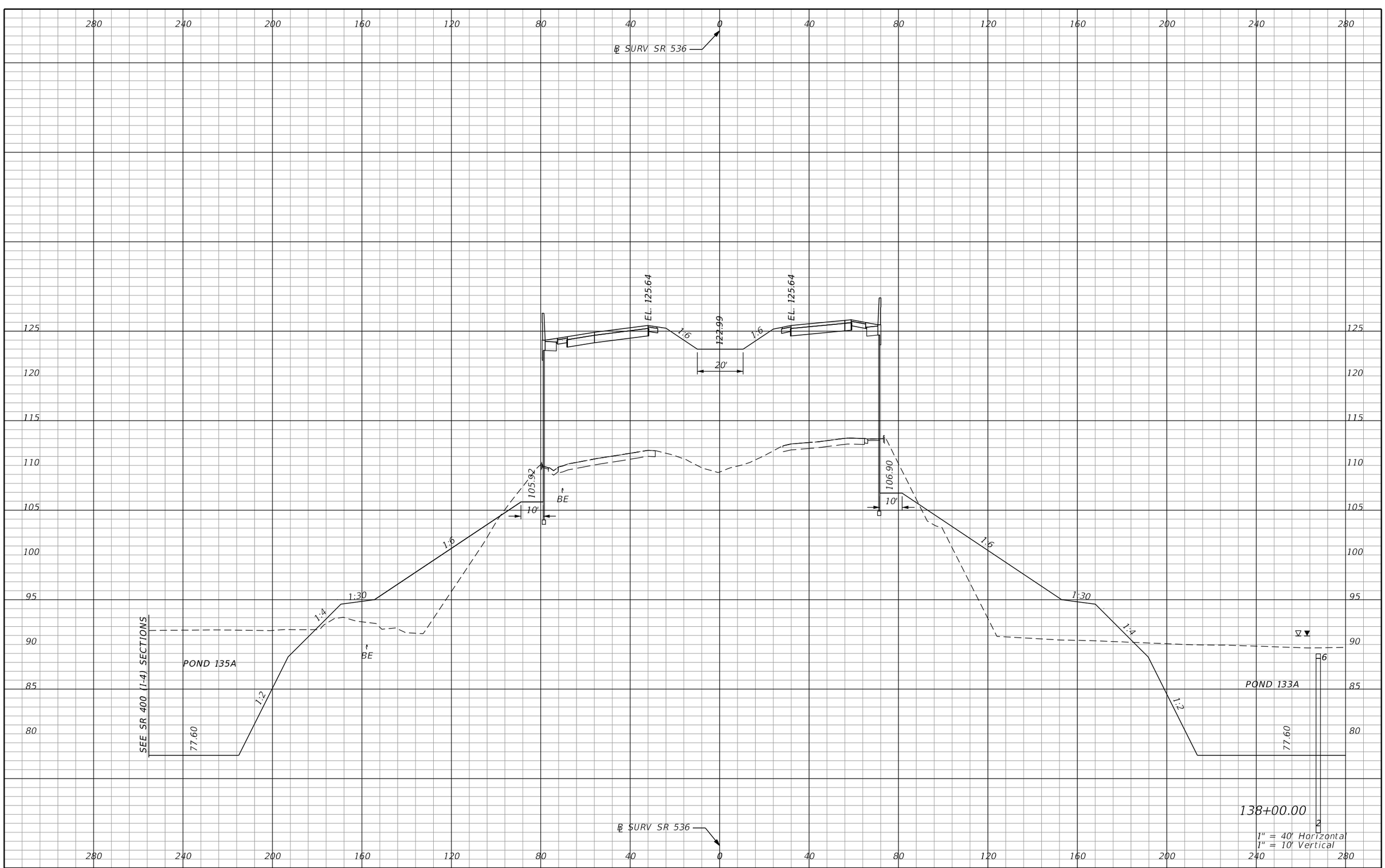
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 958

PRELIMINARY: NOT FOR CONSTRUCTION

mike.s.phillips 2/24/2021 8:05:36 PM c:\pwworking\aecom_na\msphillips\dms28329\RDXSRD01_536.DGN



1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 959

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℄ SURV SR 536

℄ RAMP C4_536
STA 1515+41.77

EL. 121.25

EL. 123.55

1:6

121.09

1:6

EL. 123.55

22'

105.39

BE

10'

BE

1:6

106.57

10'

1:6

1:30

1:4

6

BE

1:30

1:4

SEE SR 400 (1:4) SECTIONS

POND 135A

1:2

77.60

2

POND 133A

1:2

77.60

6

2

139+00.00

℄ SURV SR 536

1" = 40' Horizontal
1" = 10' Vertical

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

130 125 120 115 110 105 100 95 90 85 80

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO.
960

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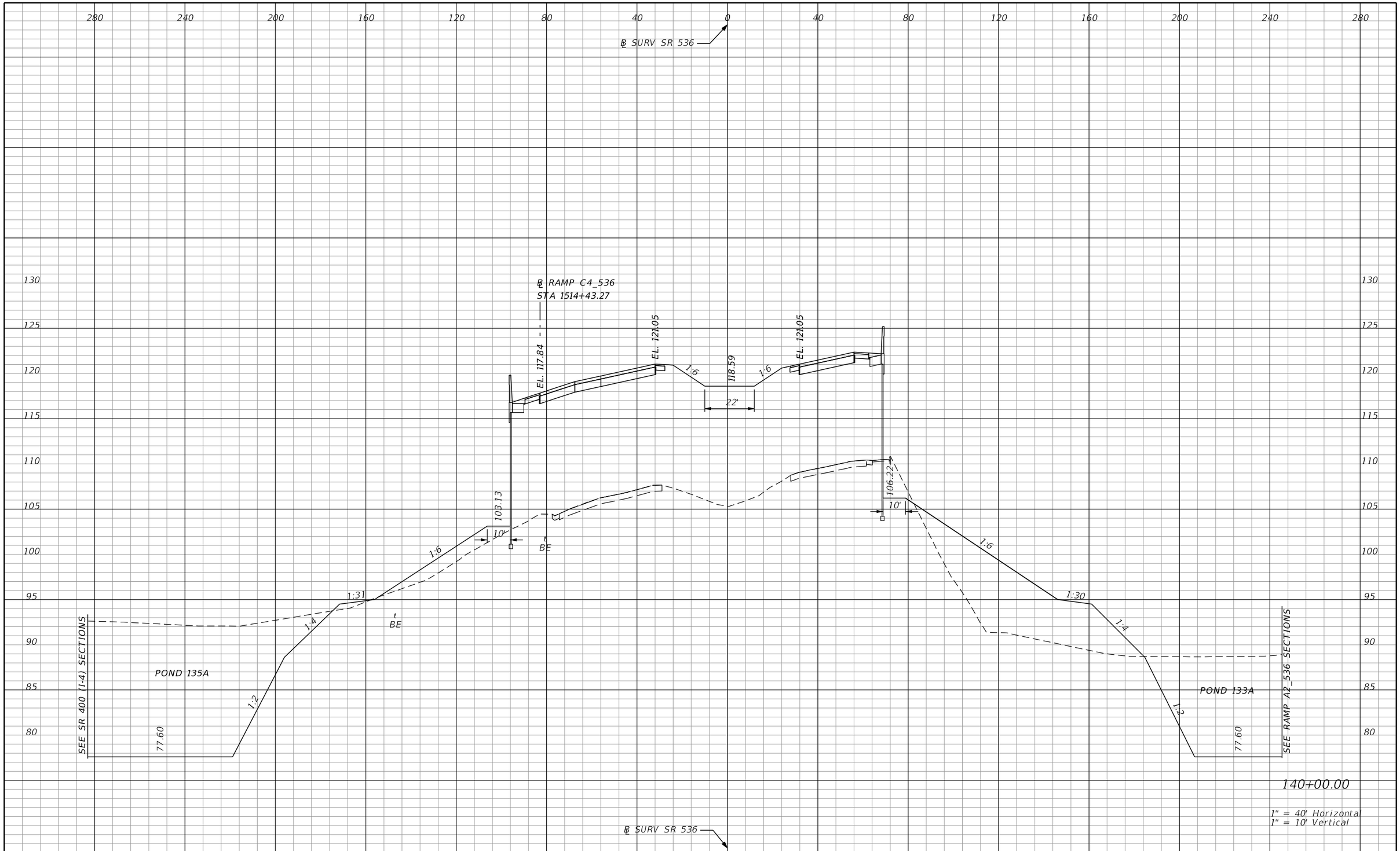

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 961

PRELIMINARY: NOT FOR CONSTRUCTION

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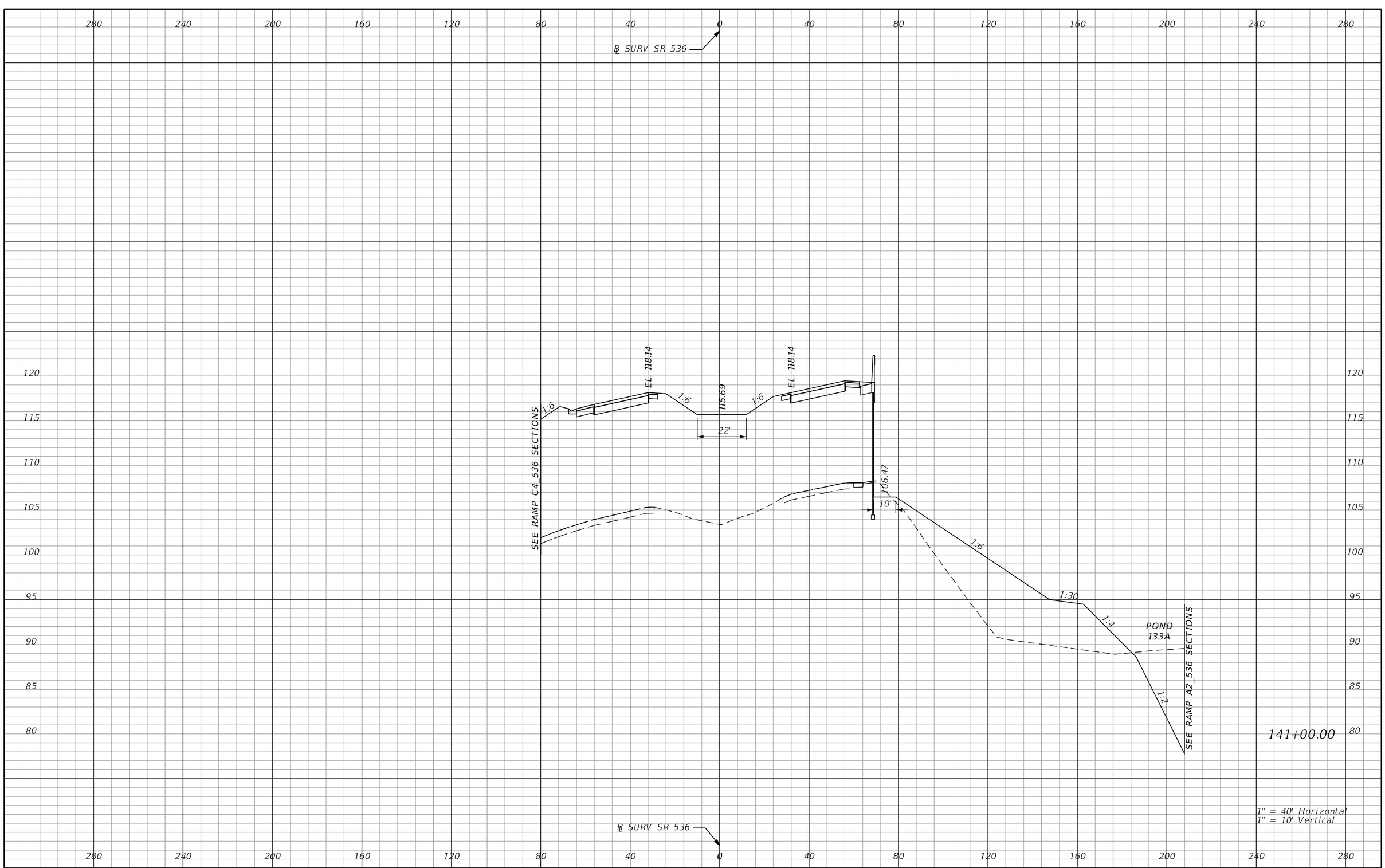

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 962

PRELIMINARY: NOT FOR CONSTRUCTION

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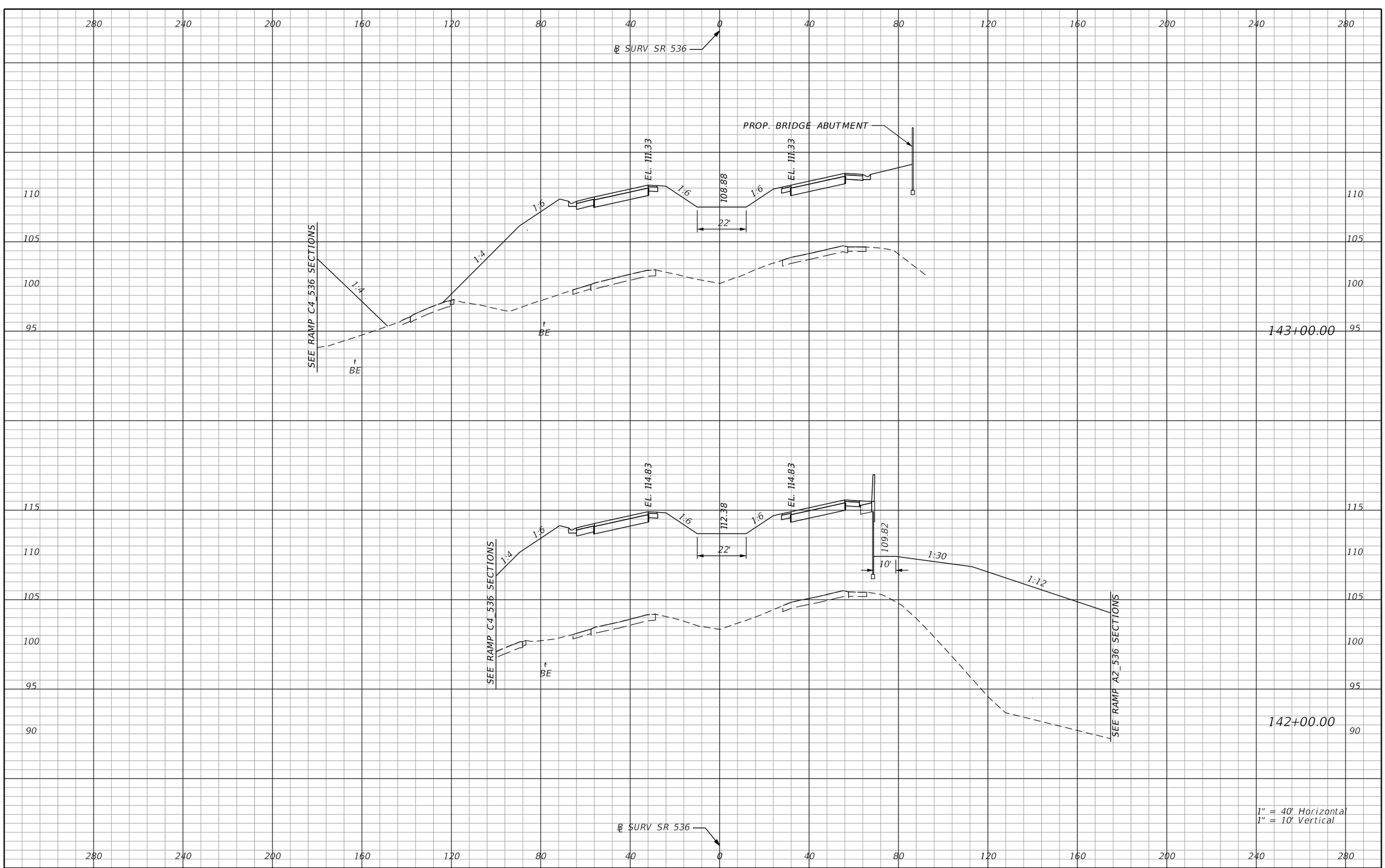

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 963

PRELIMINARY: NOT FOR CONSTRUCTION

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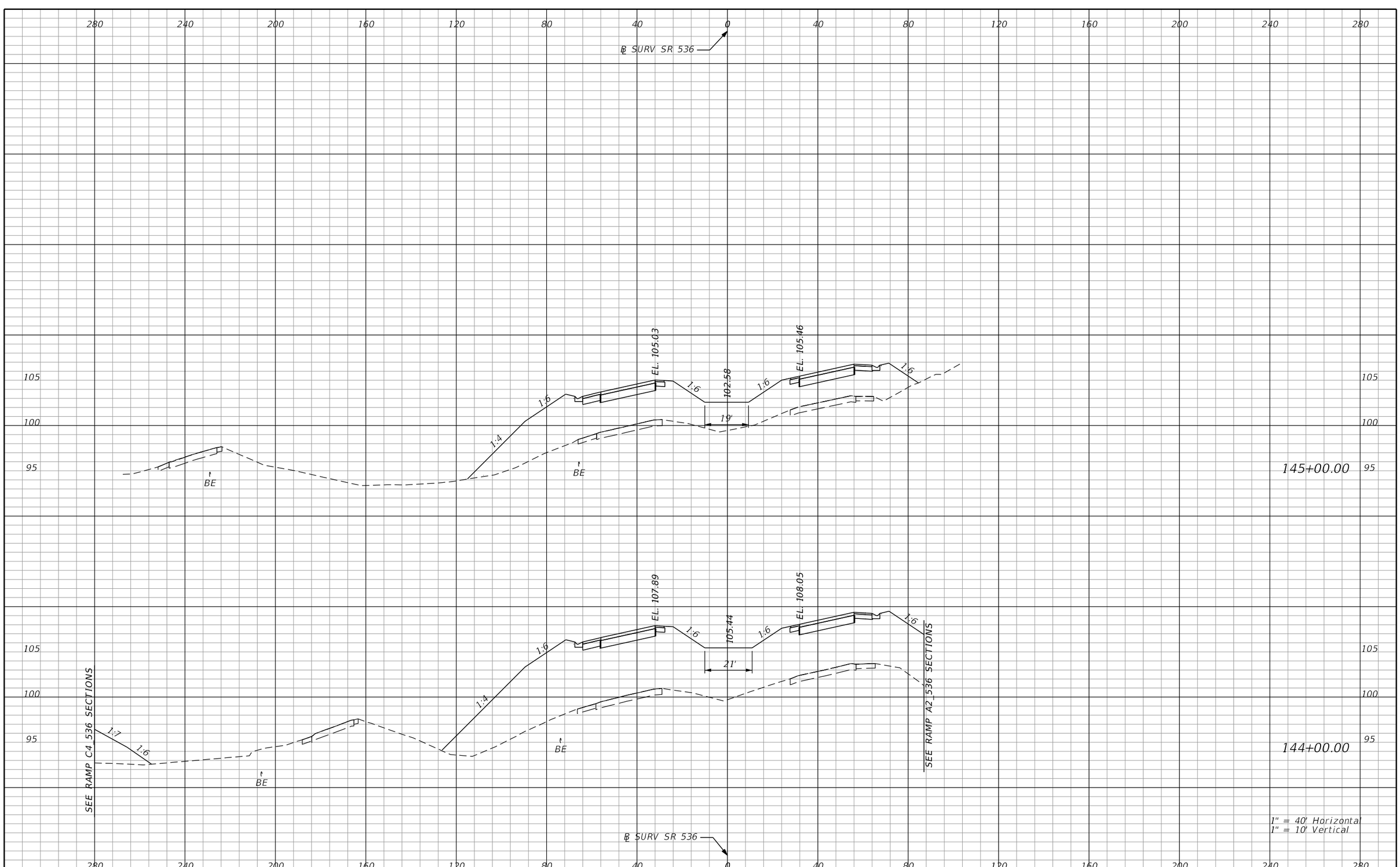

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SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 964

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1" = 10' Vertical

℄ SURV SR 536

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SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 965

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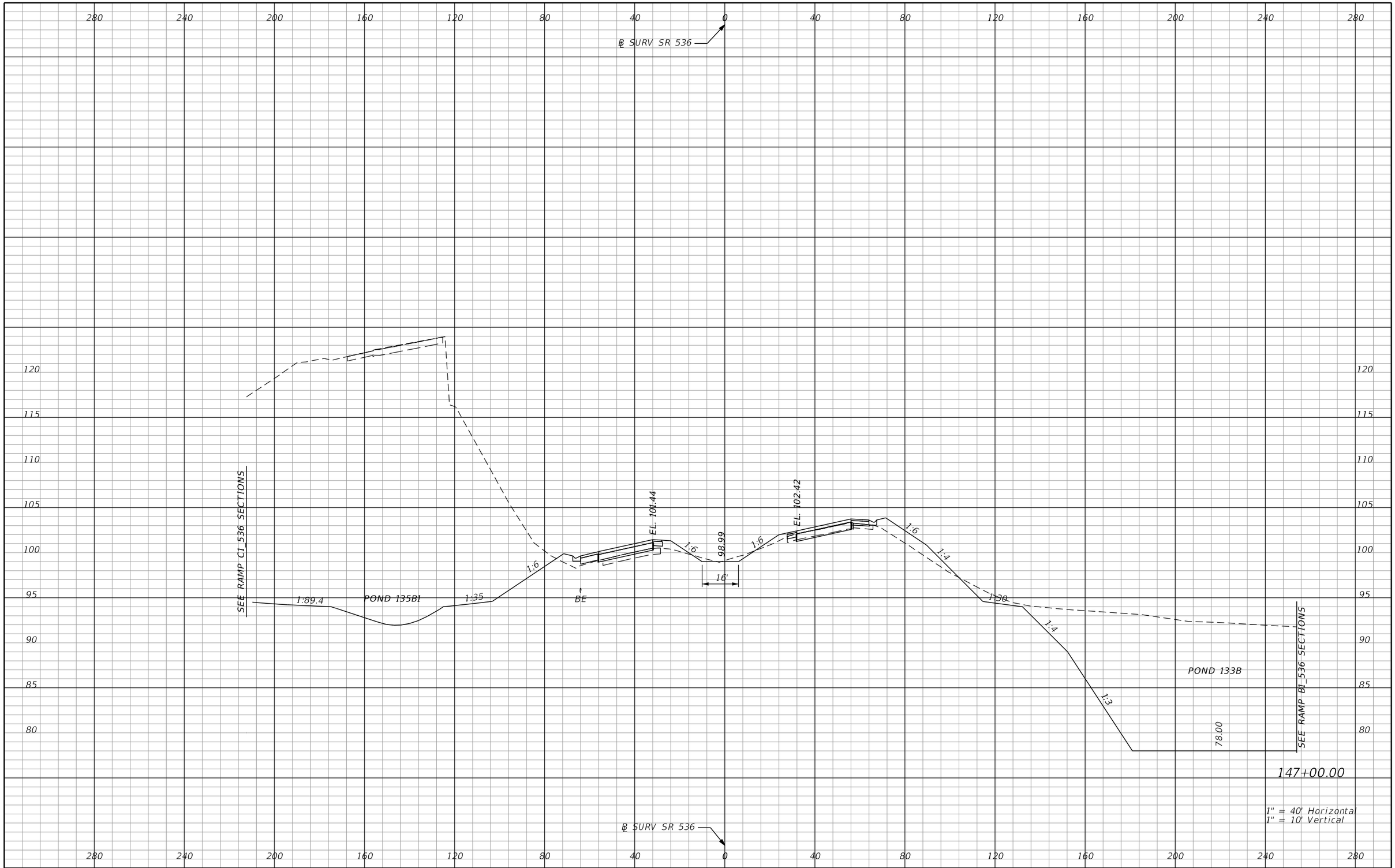

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SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 966

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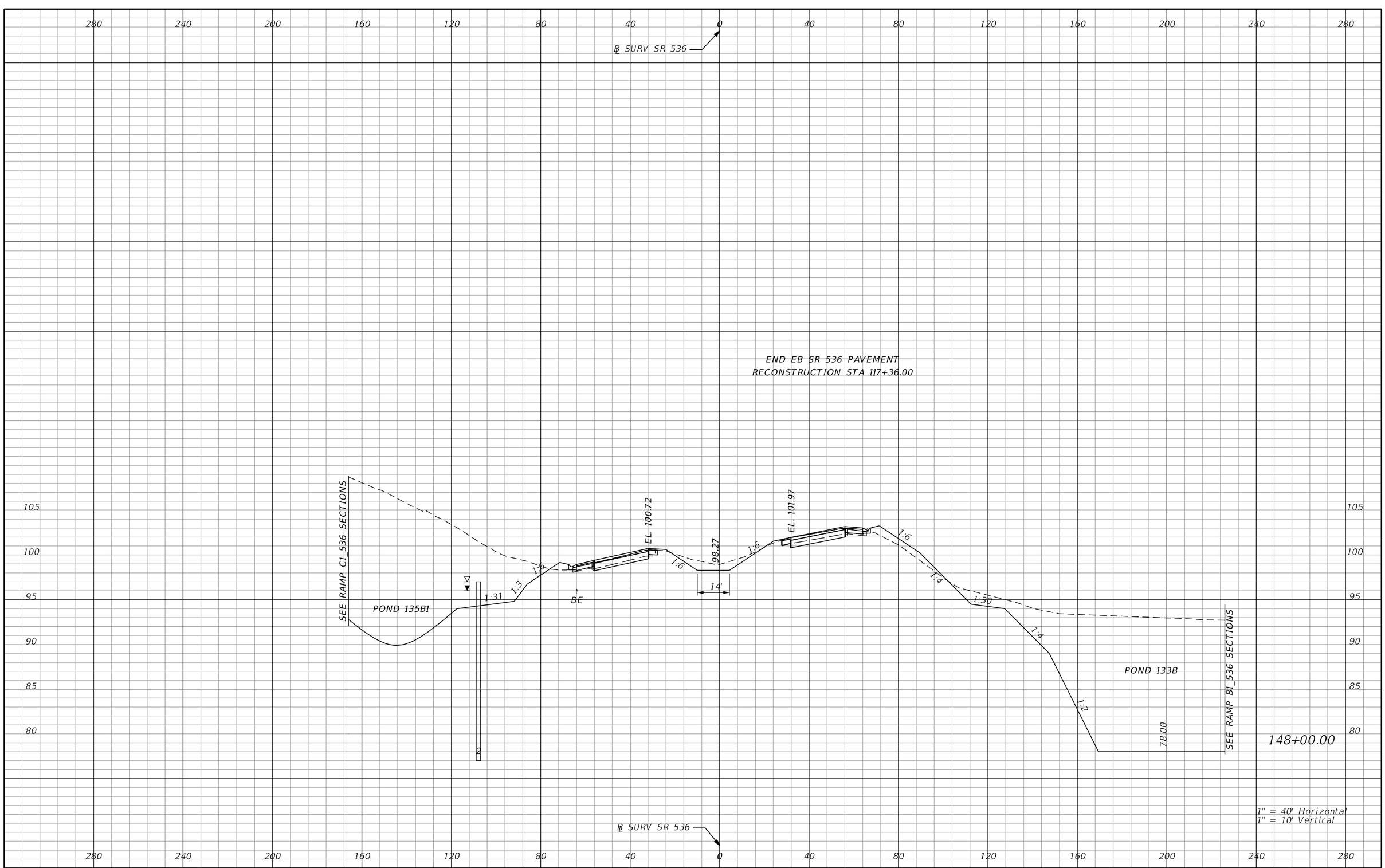

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 967

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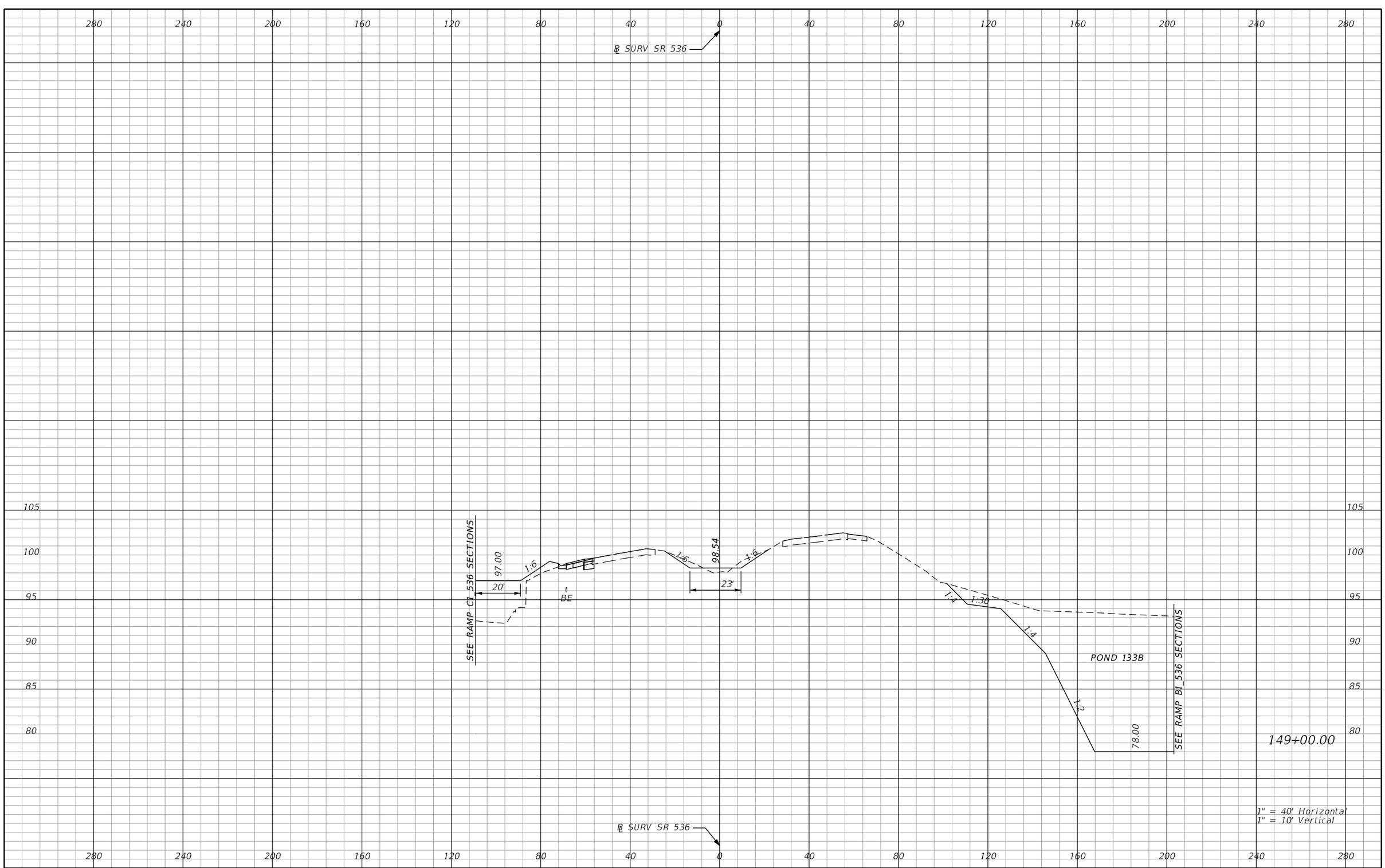

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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CROSS SECTIONS

SHEET NO. 968

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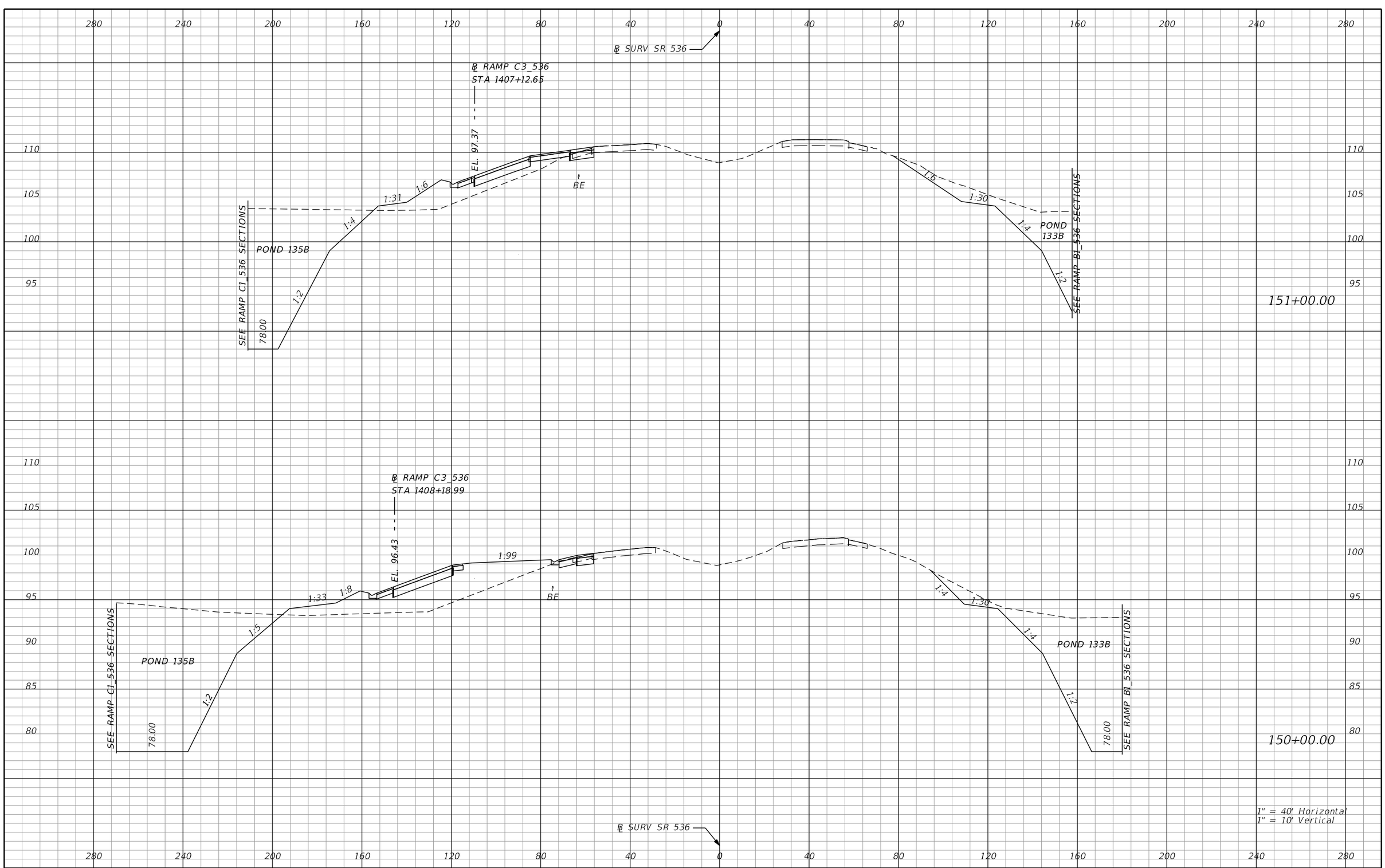

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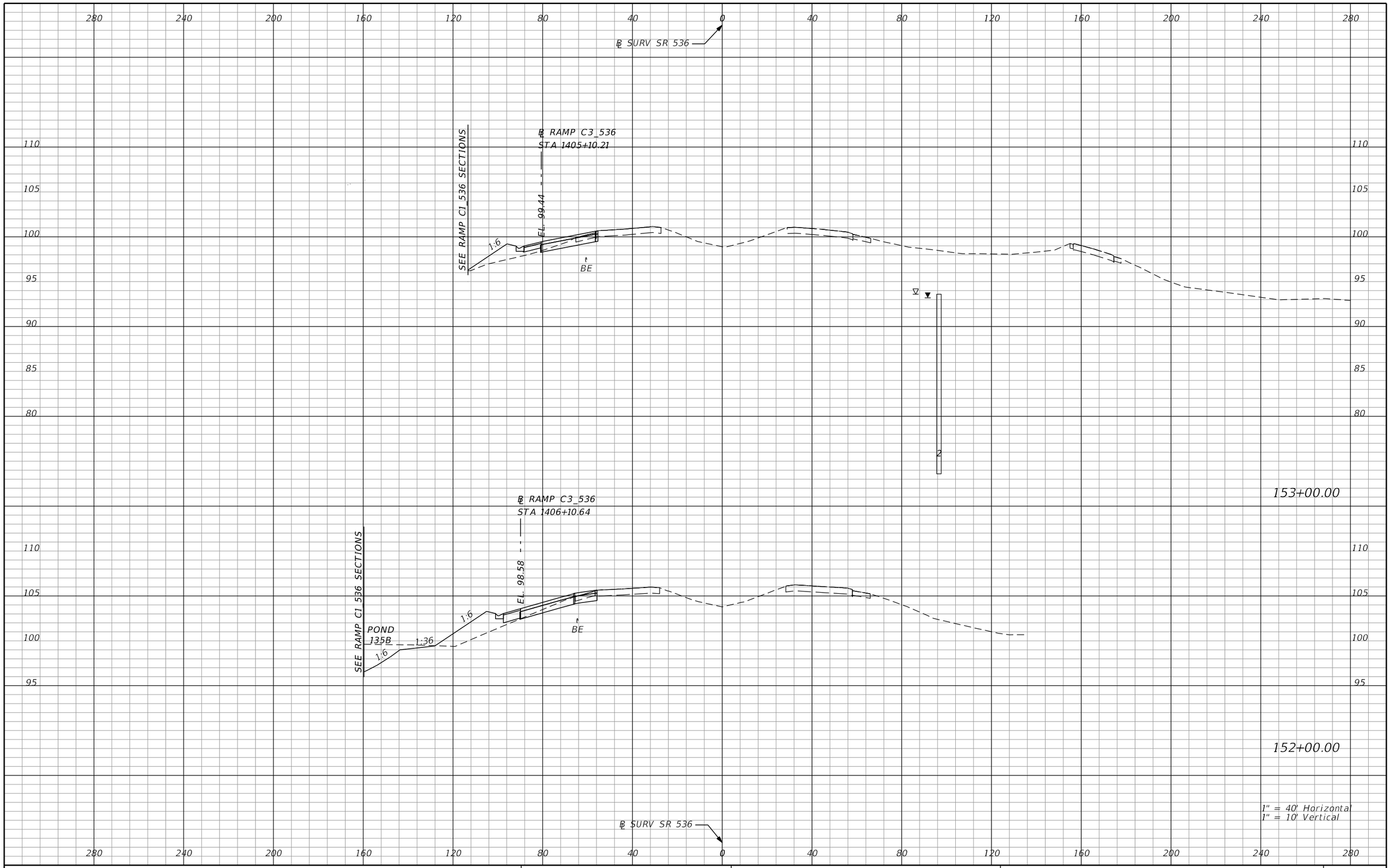

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CROSS SECTIONS

SHEET NO. 970

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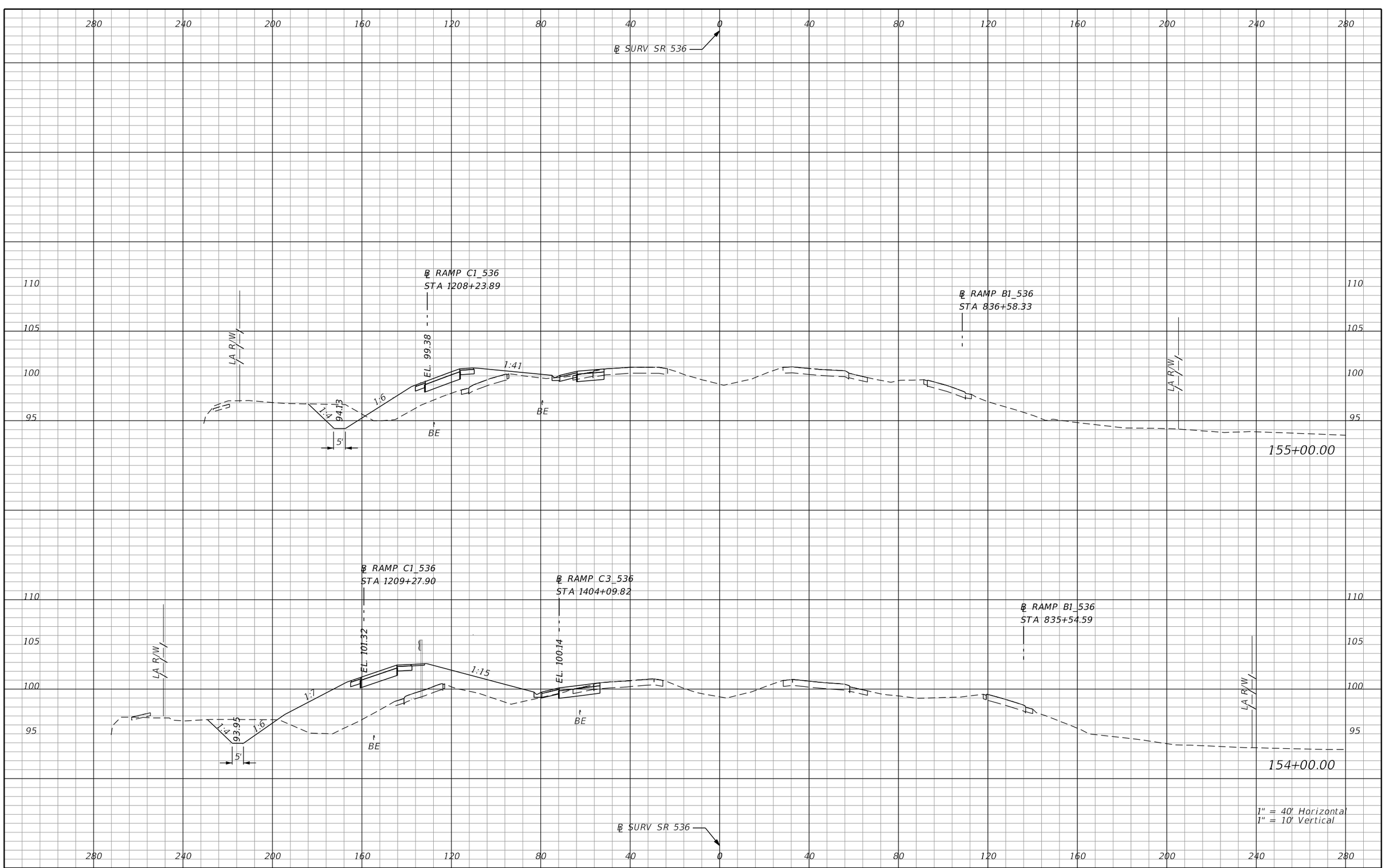

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SHEET NO. 971

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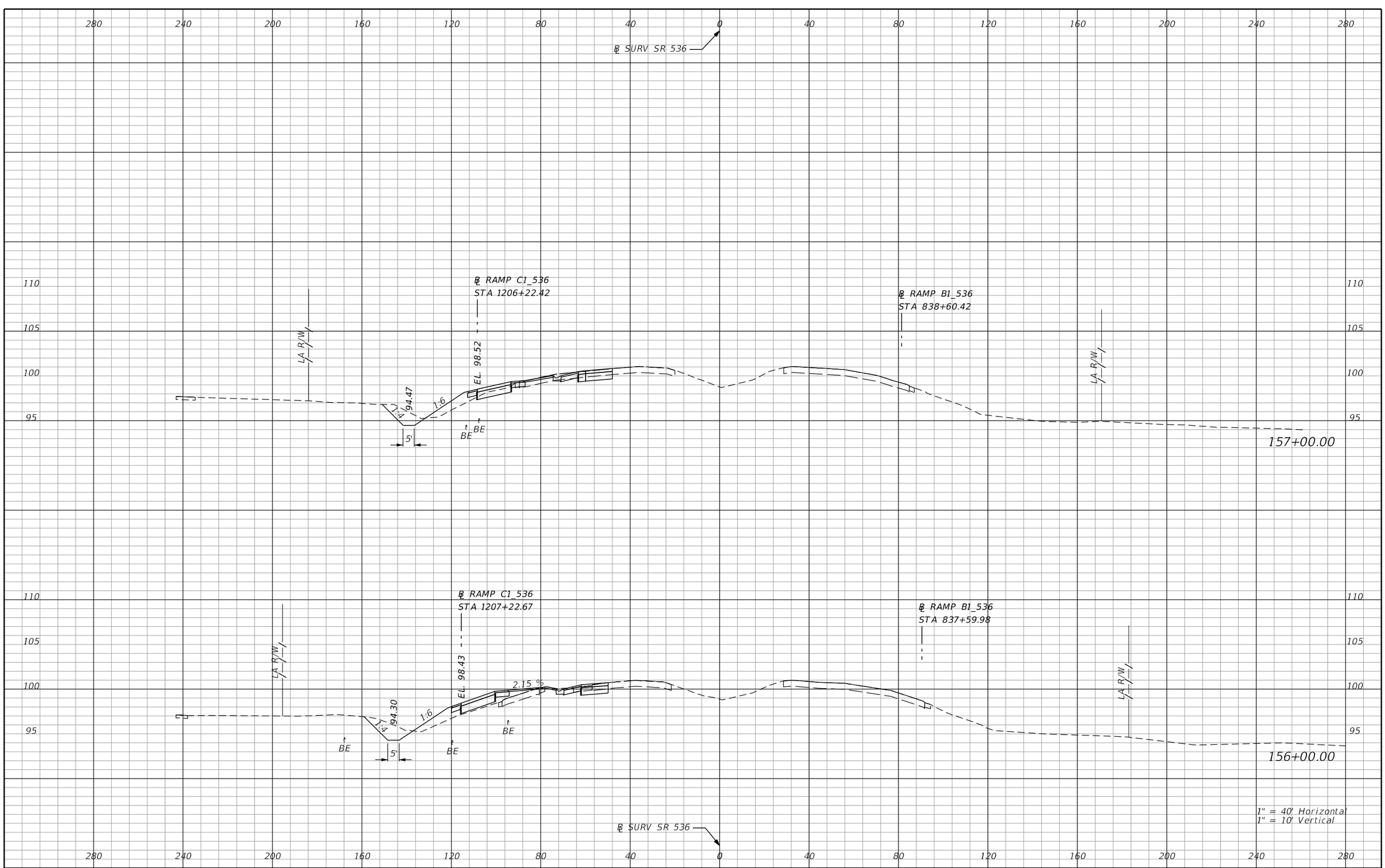

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SHEET NO. 972

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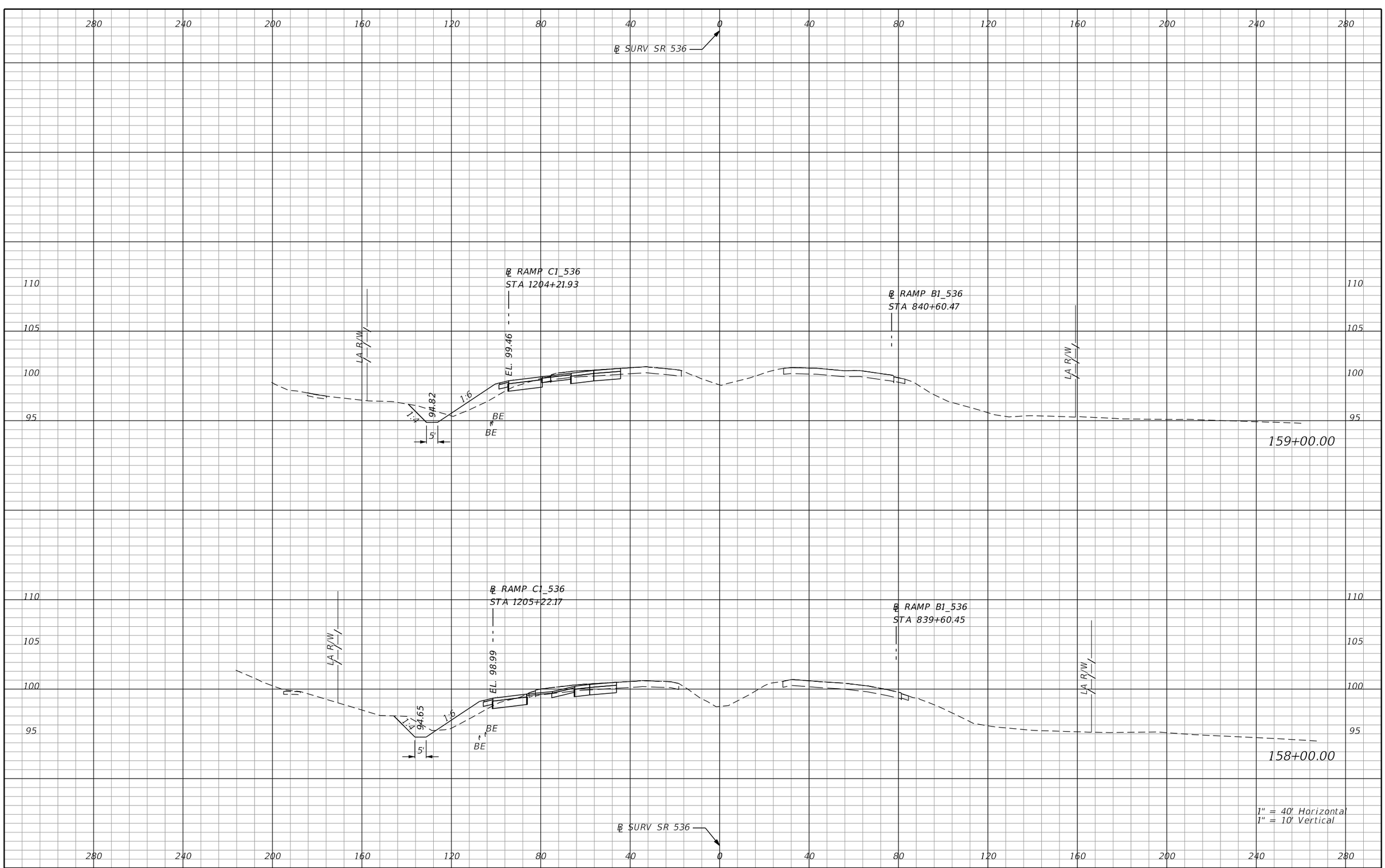

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 973

PRELIMINARY: NOT FOR CONSTRUCTION

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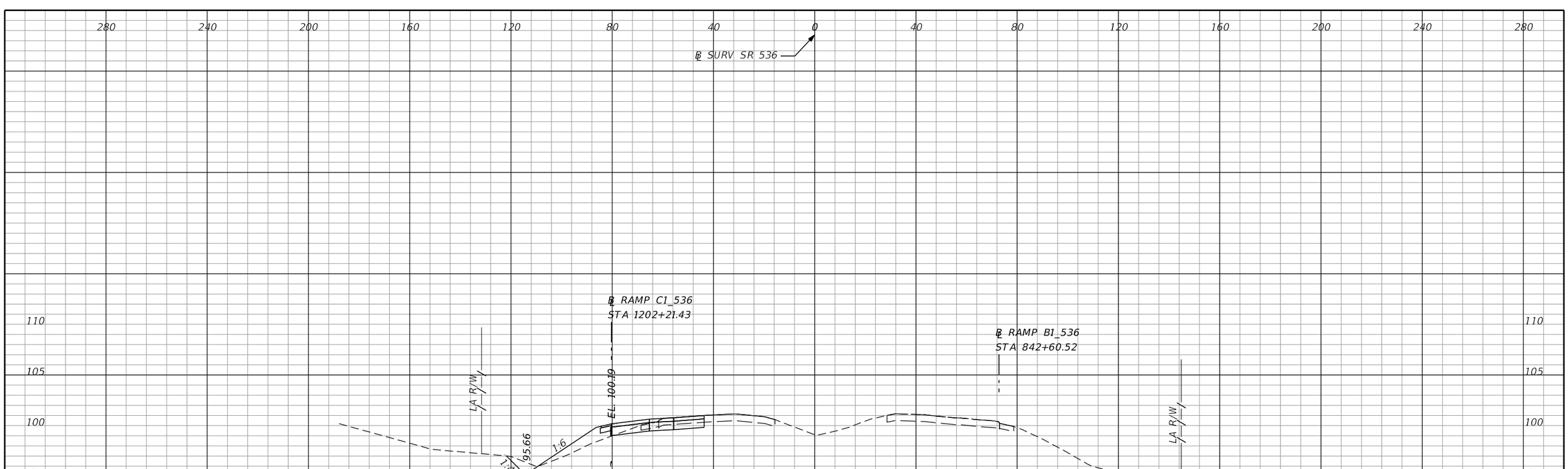

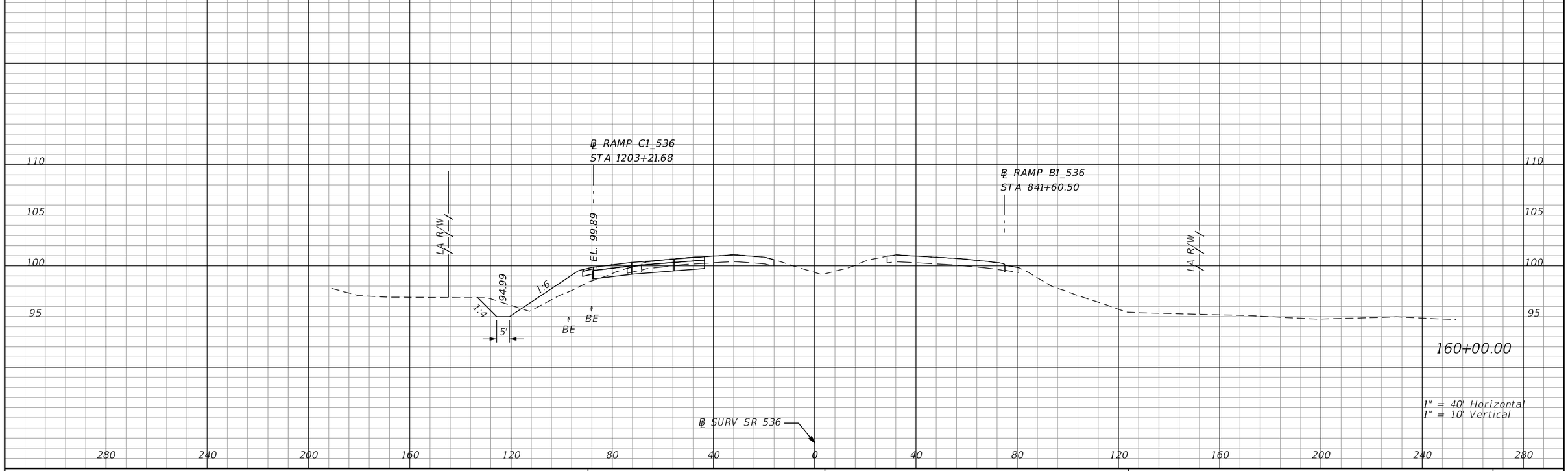

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 974

PRELIMINARY: NOT FOR CONSTRUCTION

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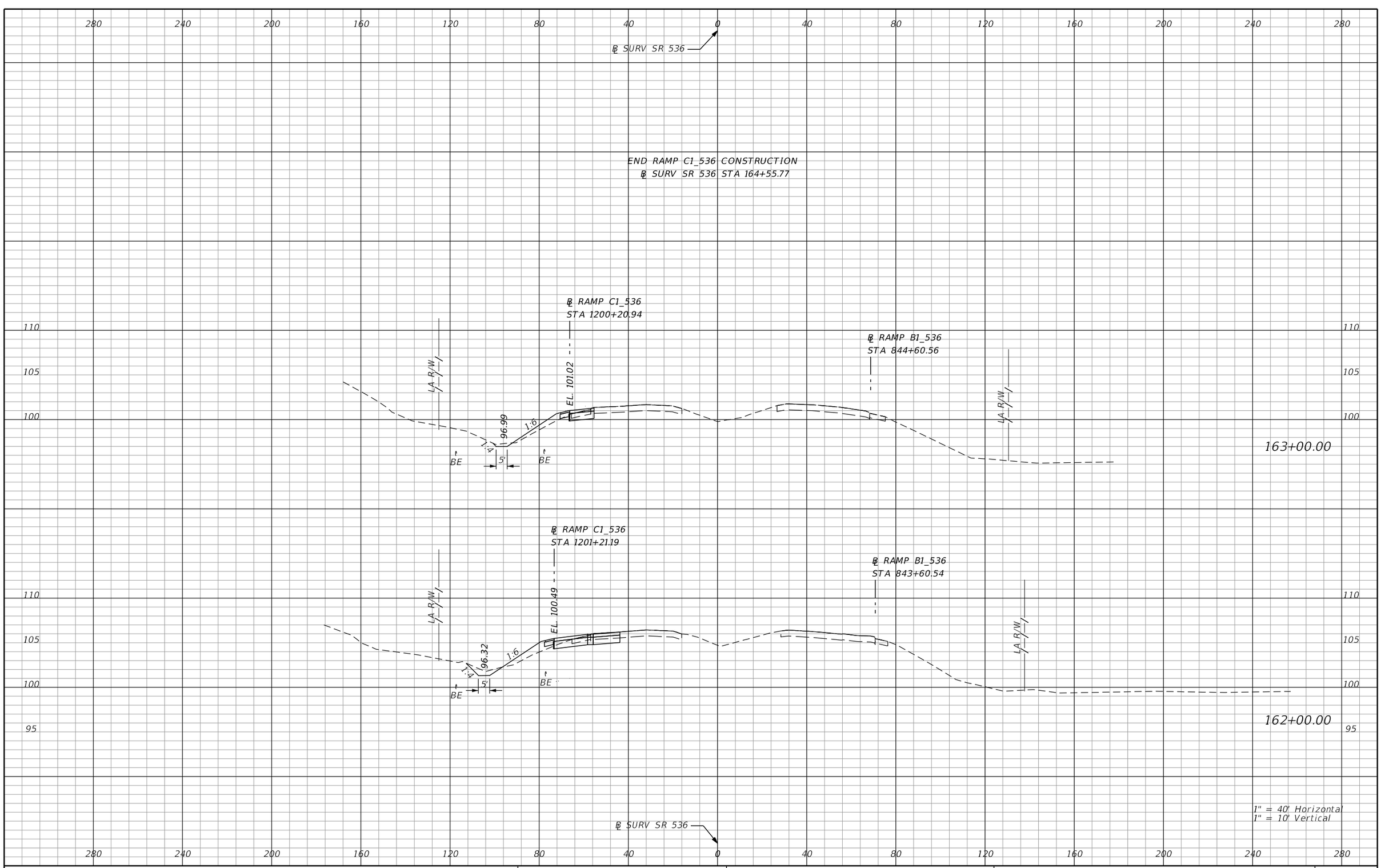

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SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 975

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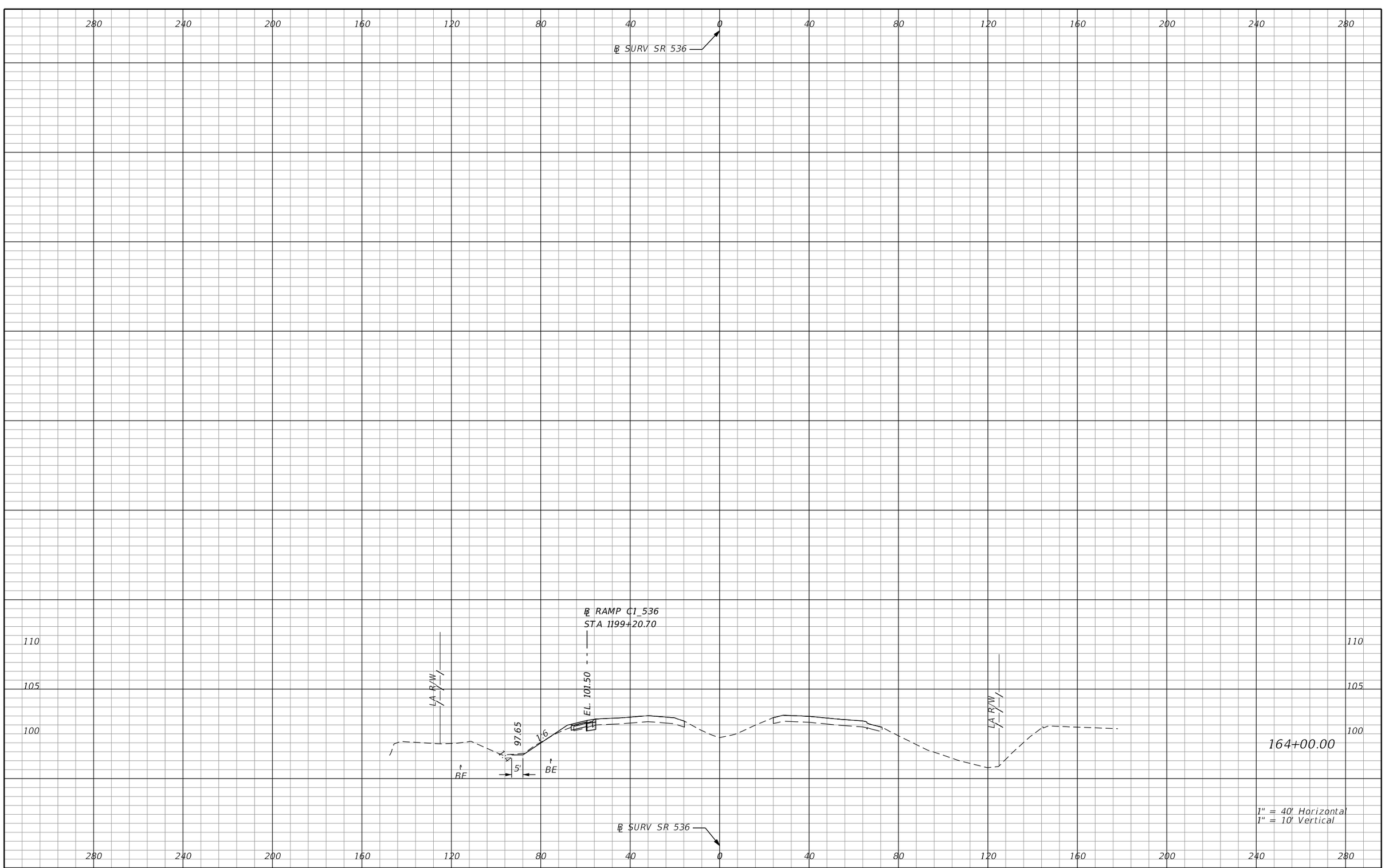

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SR 400	ORANGE	242484-8-52-01

SR 536
CROSS SECTIONS

SHEET NO. 976

PRELIMINARY: NOT FOR CONSTRUCTION

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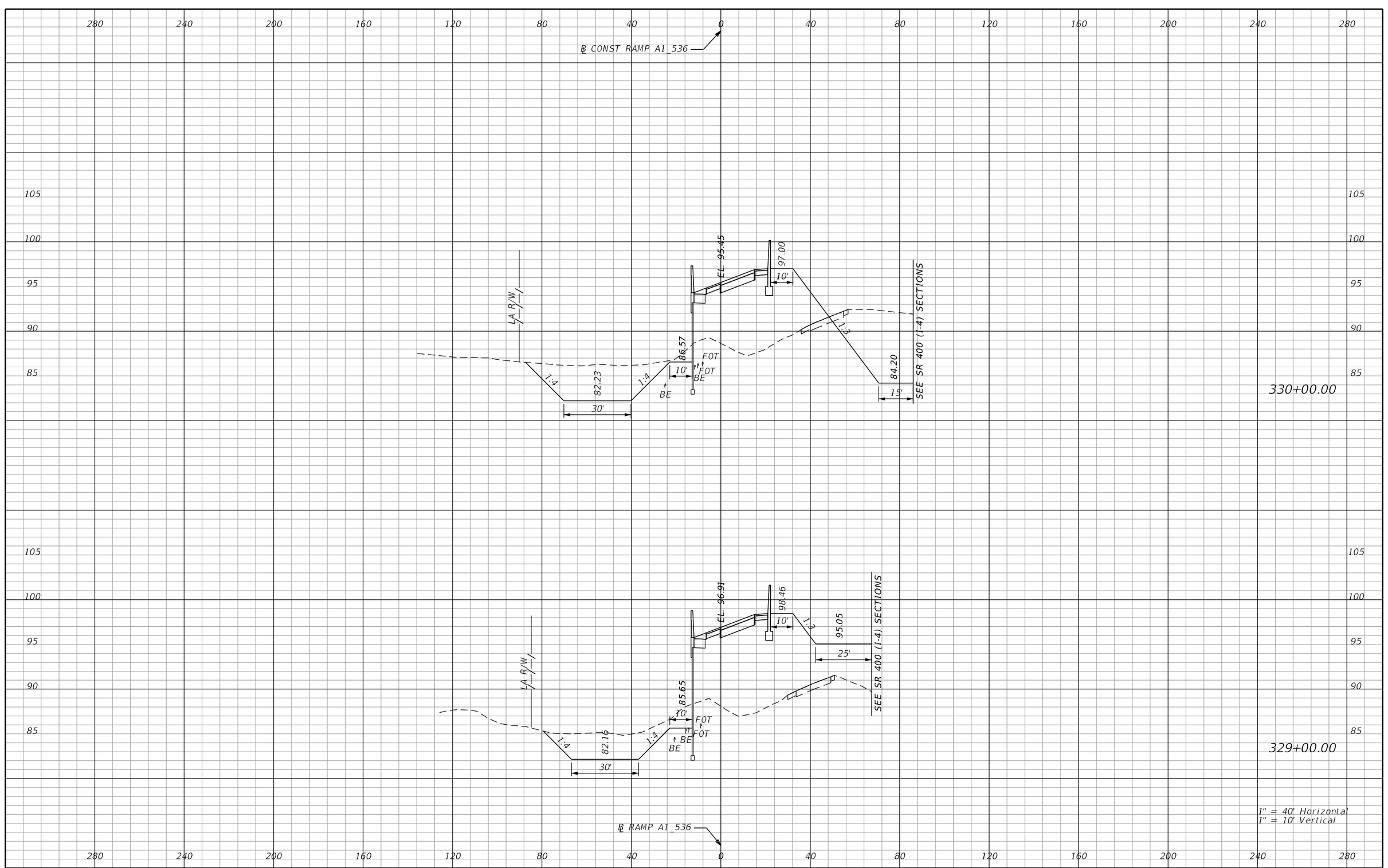

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CROSS SECTIONS

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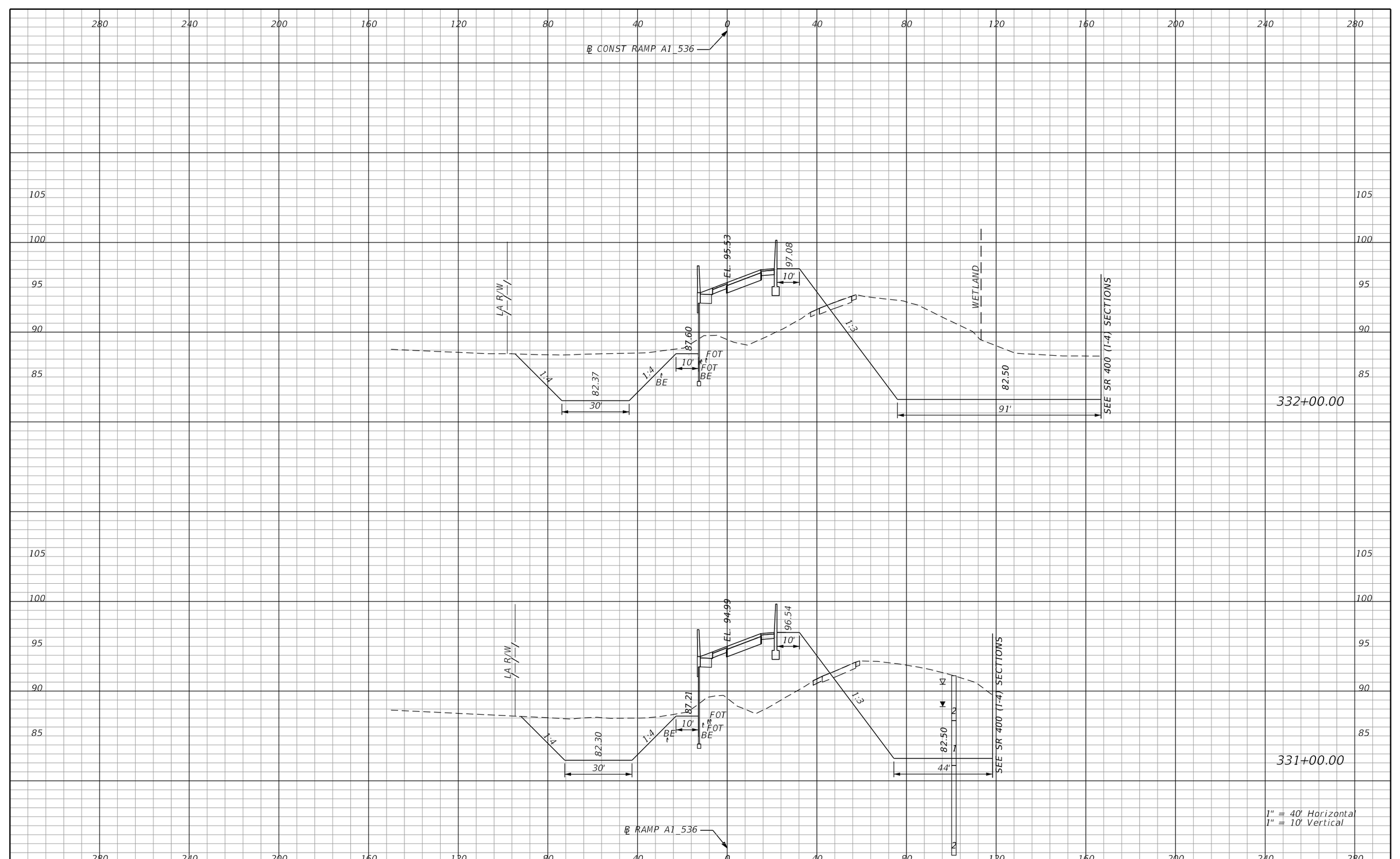

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CROSS SECTIONS

SHEET NO. 978

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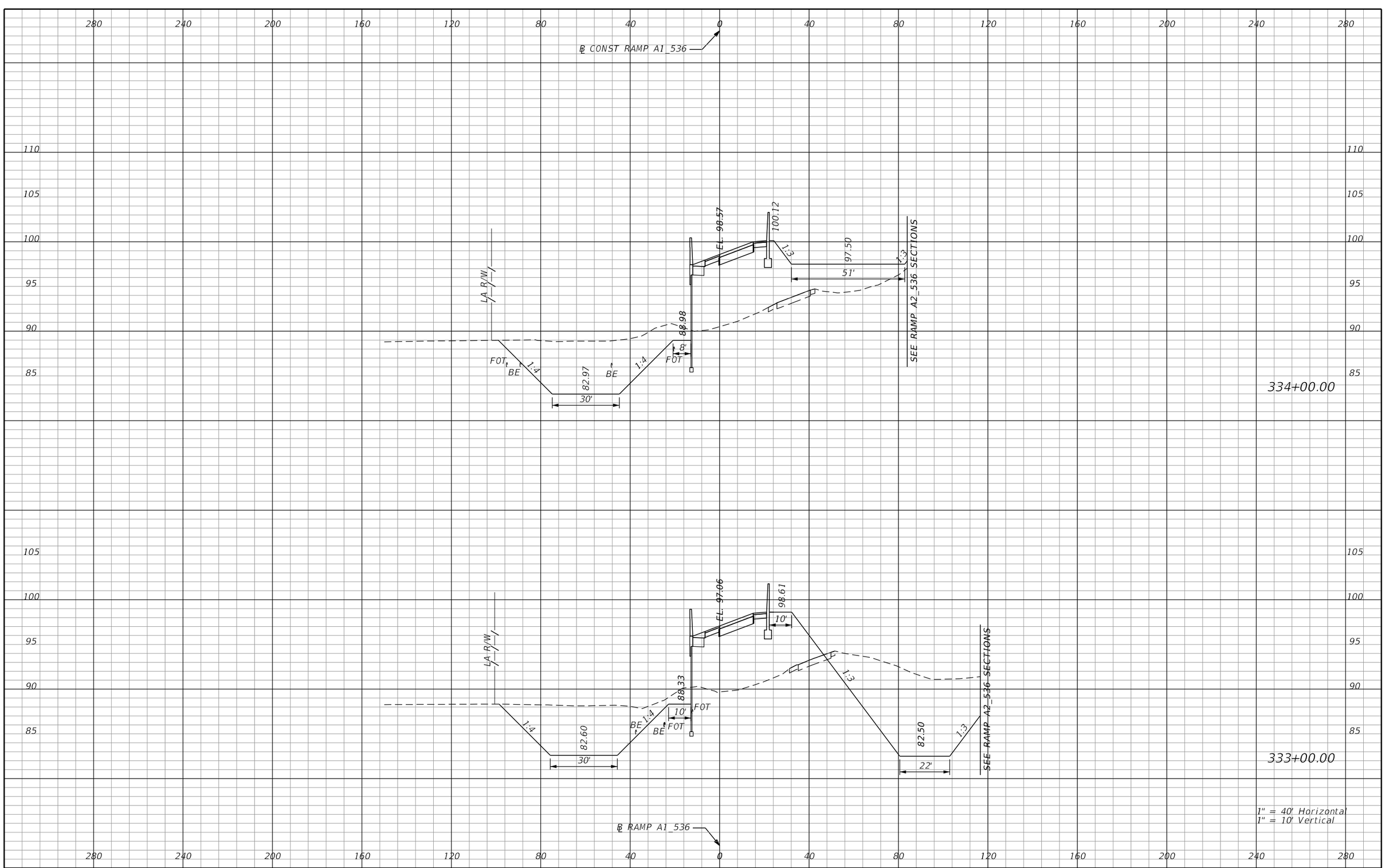

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CROSS SECTIONS

SHEET NO. 979

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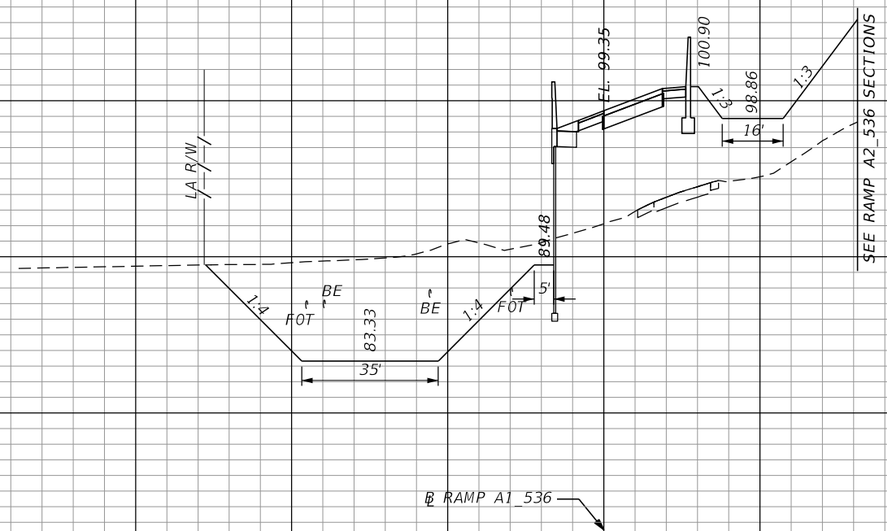
SEE RAMP A2_536 SECTION FOR
CONTINUATION OF RAMP A1_536 SECTIONS



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CROSS SECTIONS

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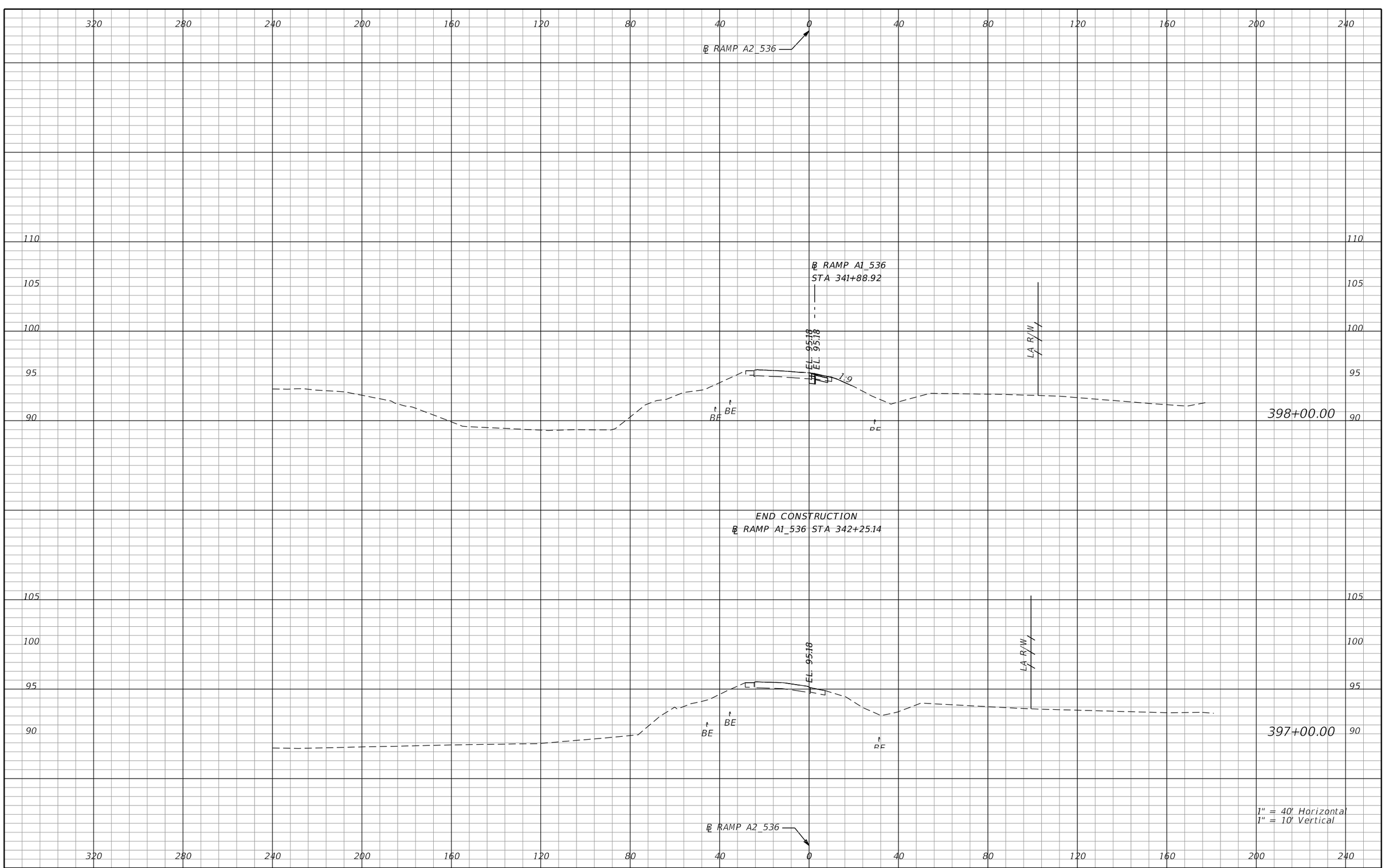

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CROSS SECTIONS

SHEET NO. 981

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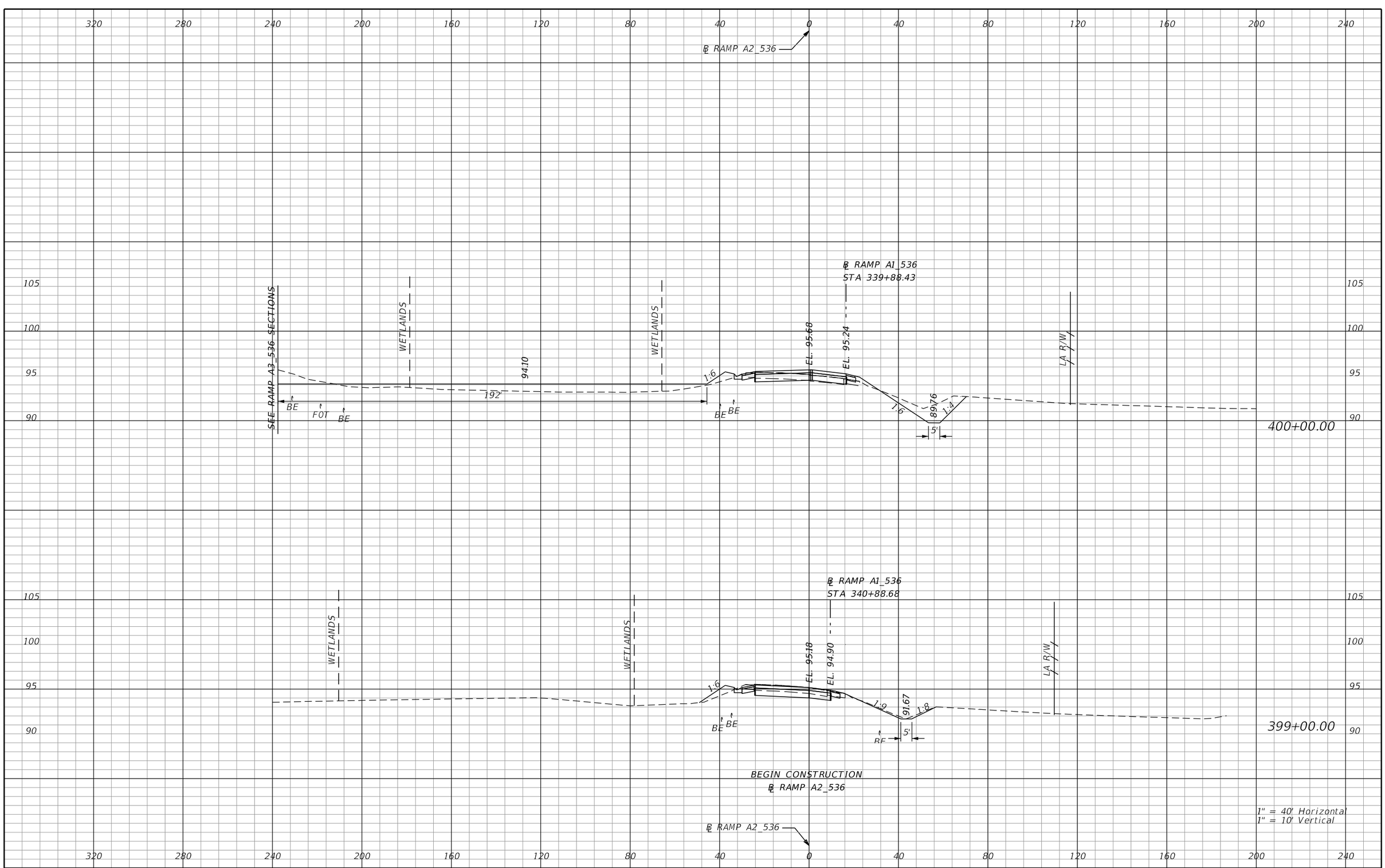

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SHEET NO. 982

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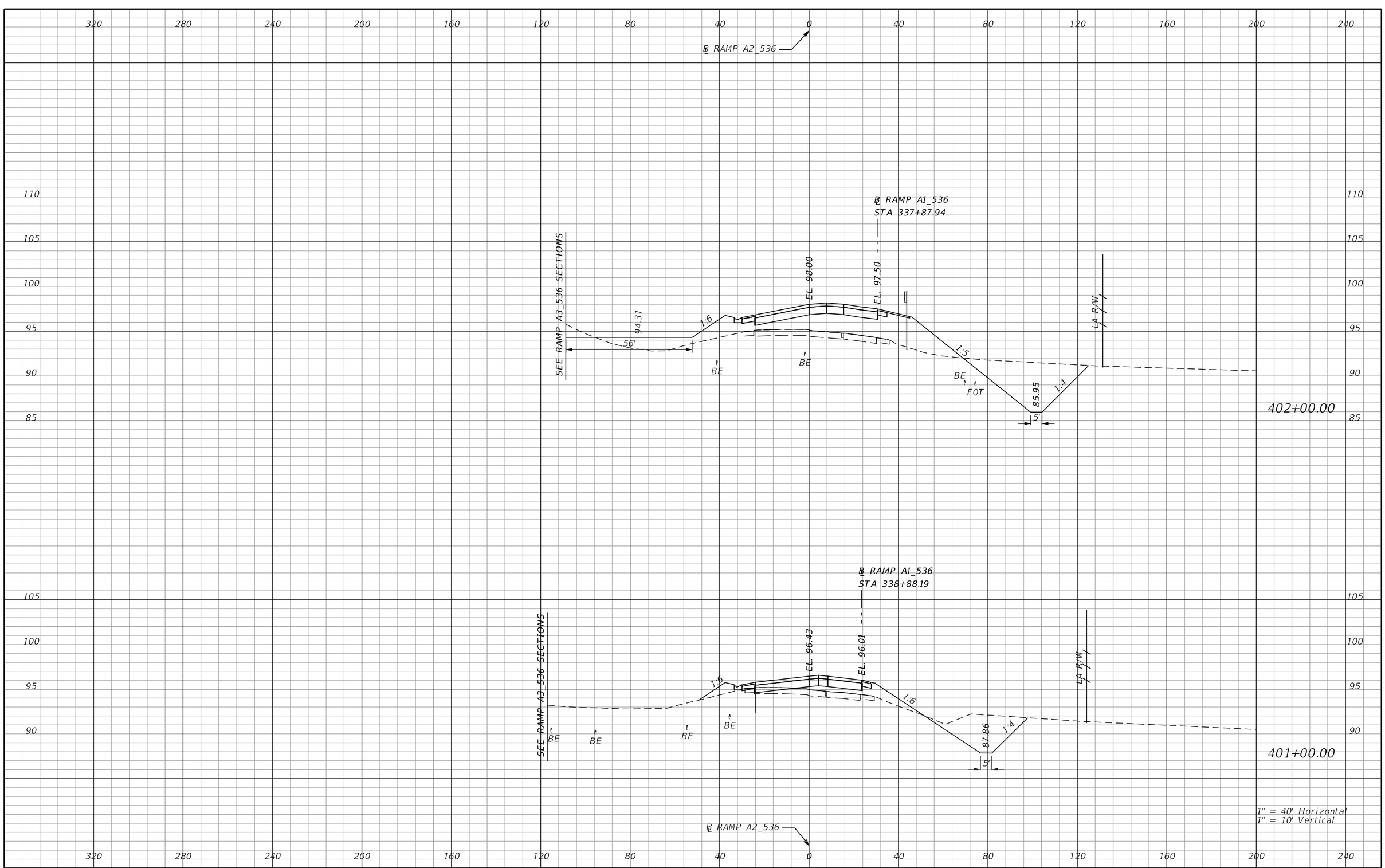

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AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
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T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A2_536 CROSS SECTIONS

SHEET NO. 983

PRELIMINARY: NOT FOR CONSTRUCTION

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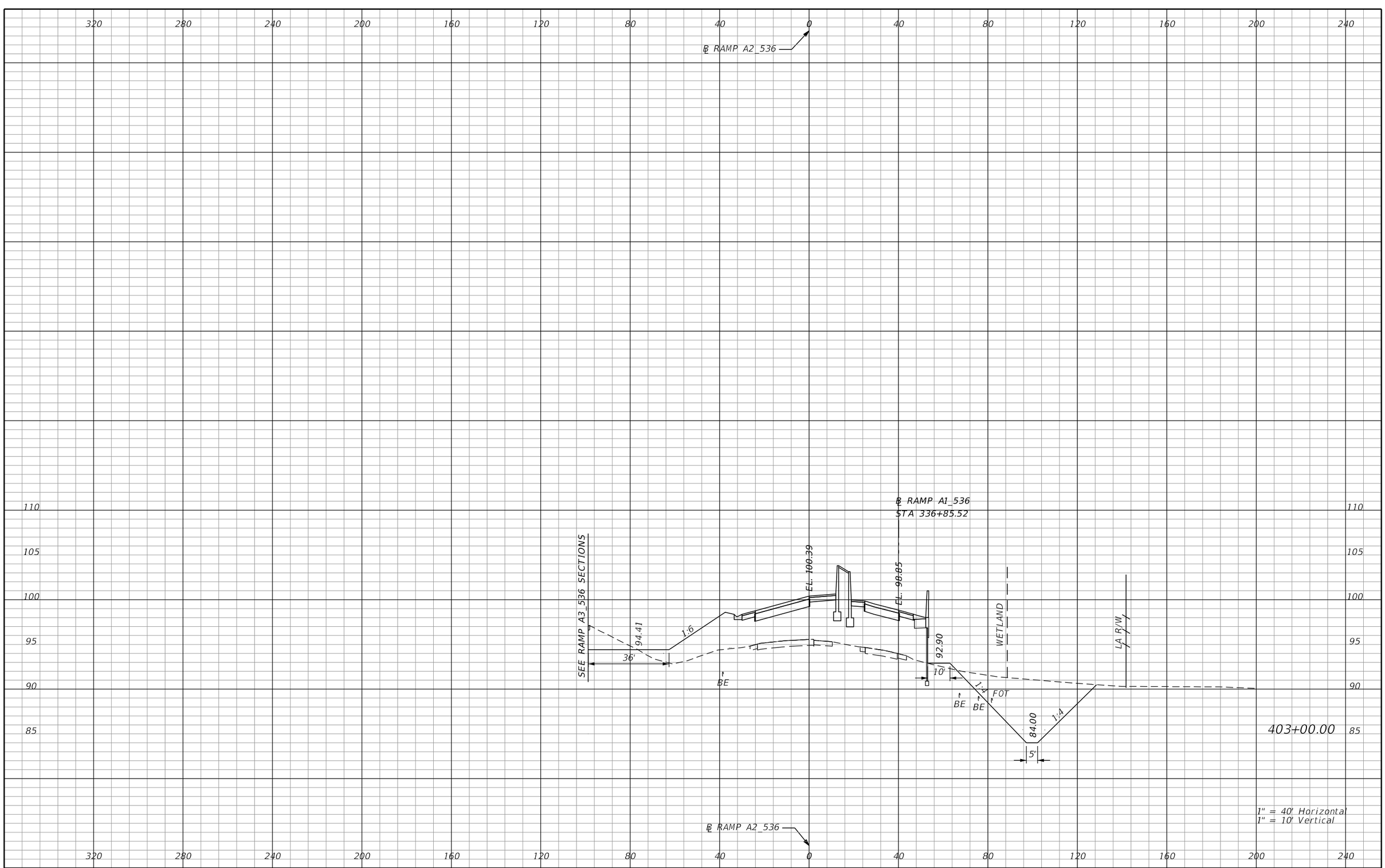

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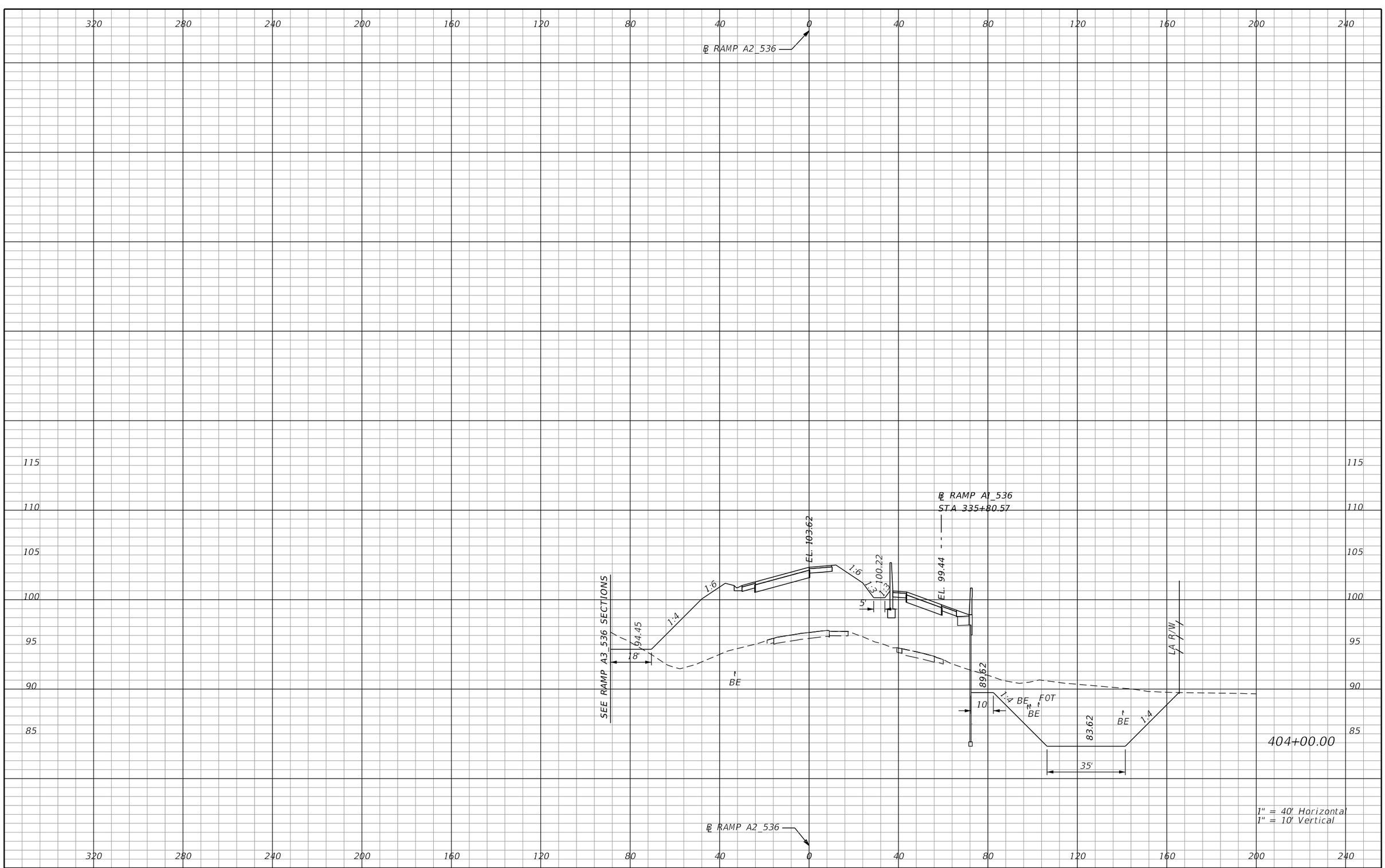
SR 400	ORANGE	242484-8-52-01

RAMP A2_536 CROSS SECTIONS

SHEET NO. 984

PRELIMINARY: NOT FOR CONSTRUCTION



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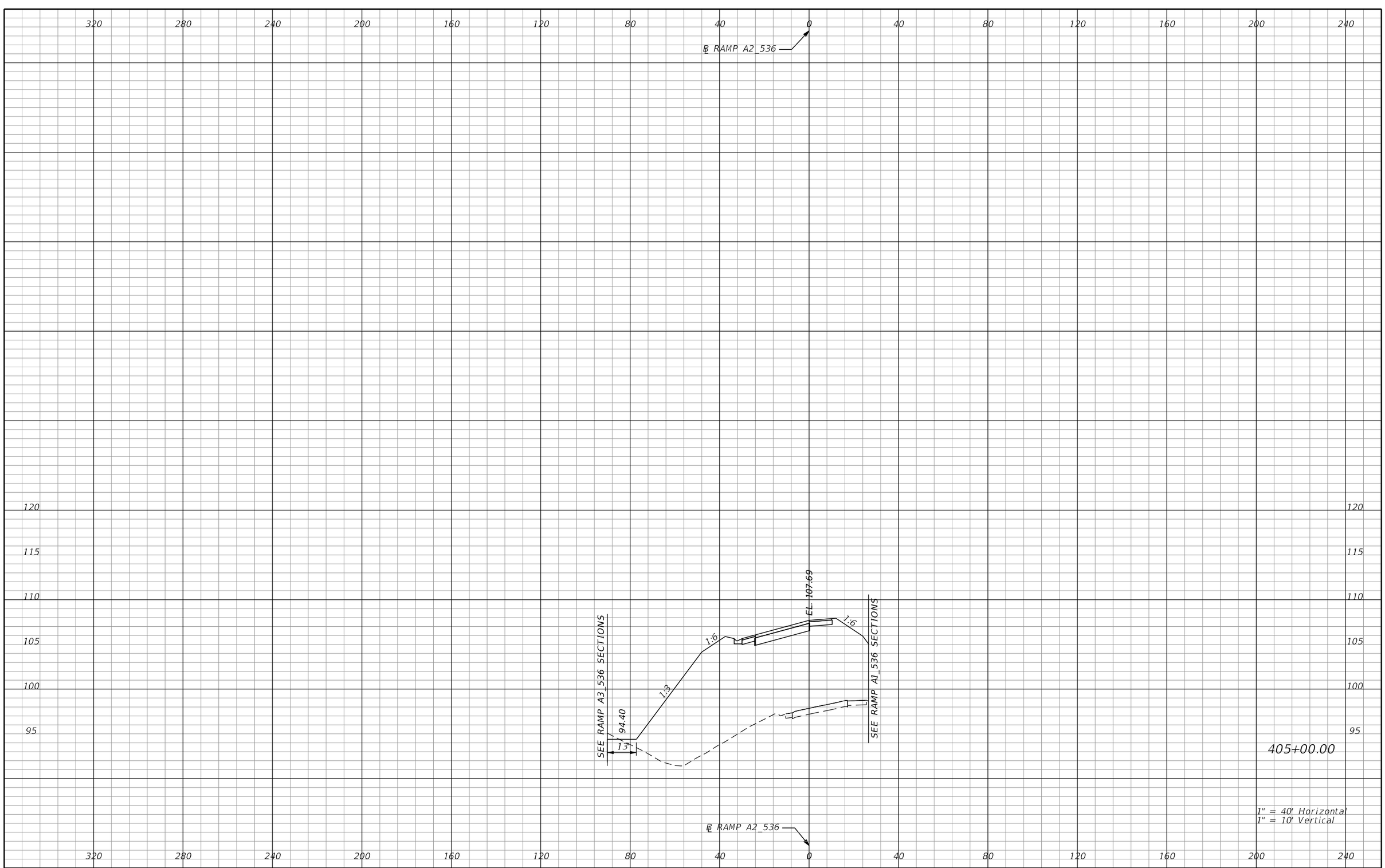
RAMP A2_536 CROSS SECTIONS

SHEET NO. 985

PRELIMINARY: NOT FOR CONSTRUCTION



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SHEET NO. 986

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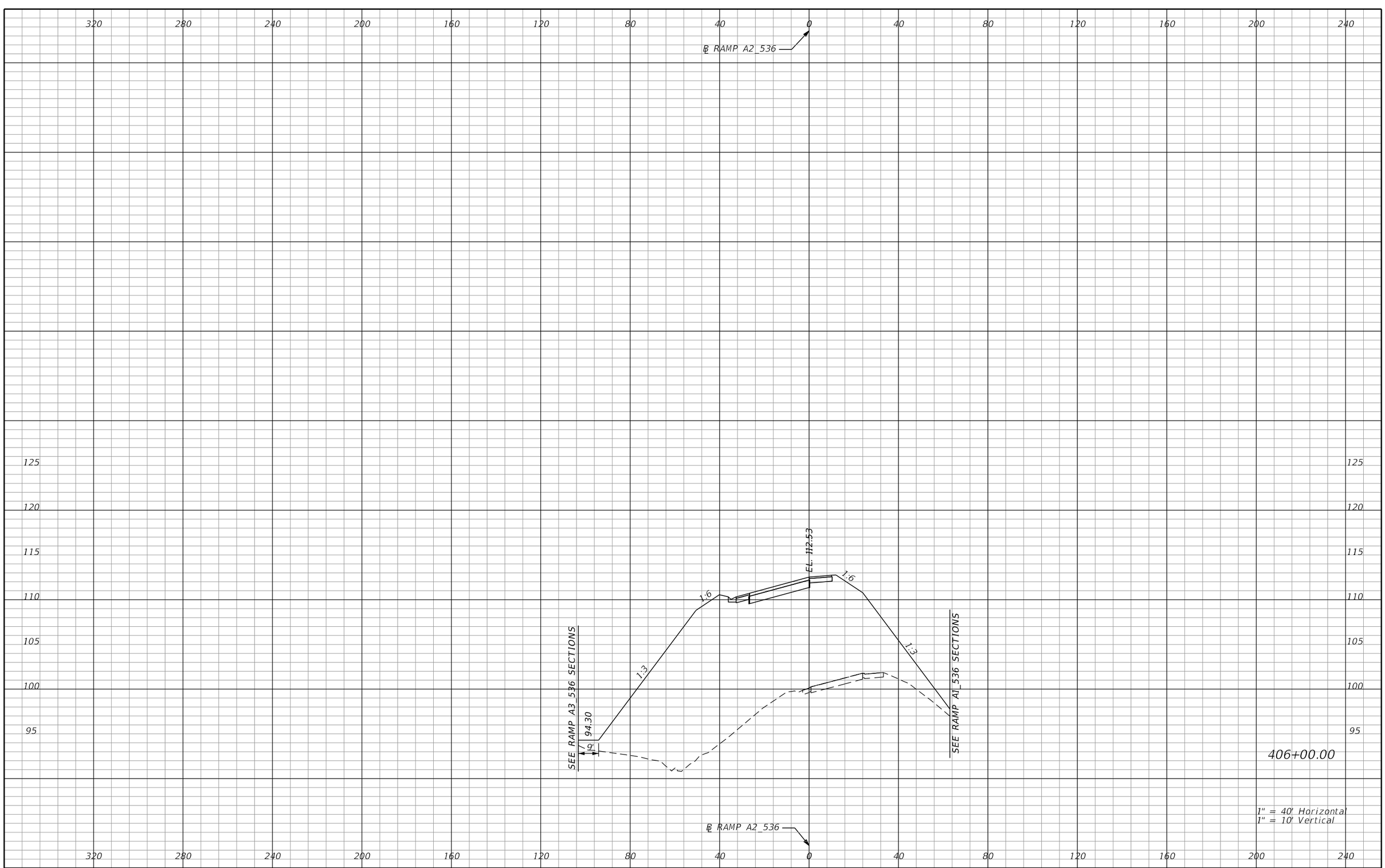

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RAMP A2_536
CROSS SECTIONS

SHEET NO. 987

PRELIMINARY: NOT FOR CONSTRUCTION

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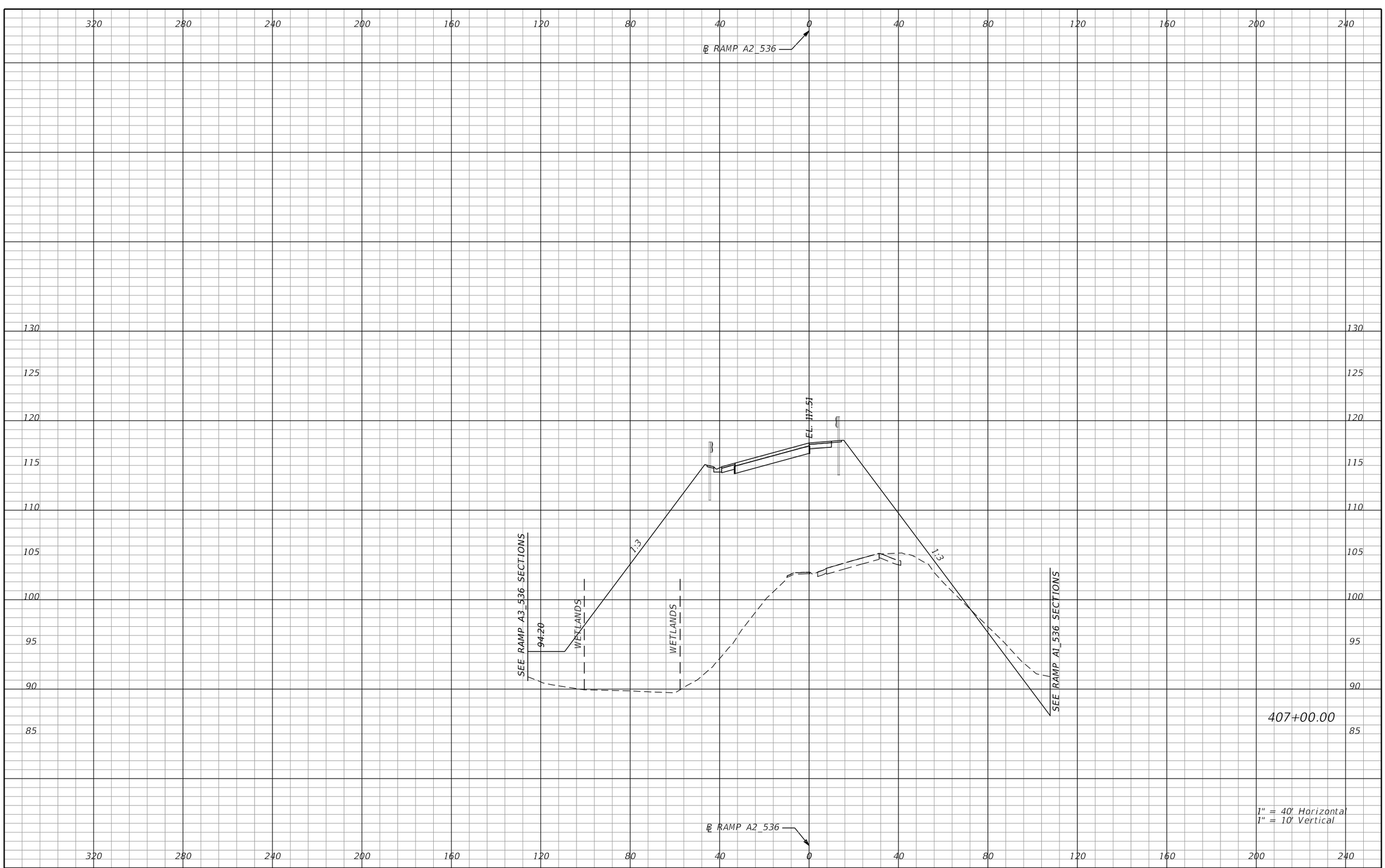

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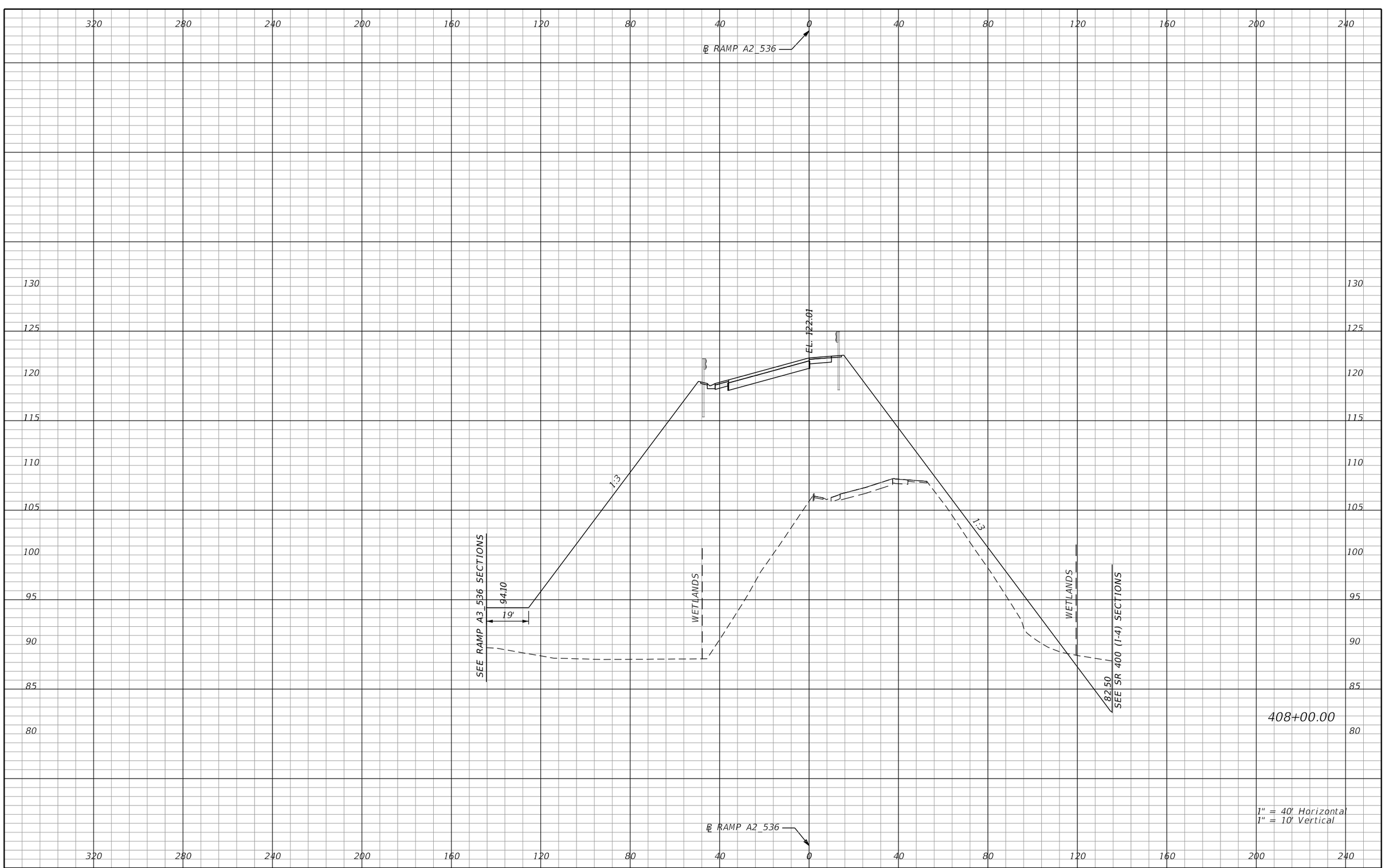

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SHEET NO. 989

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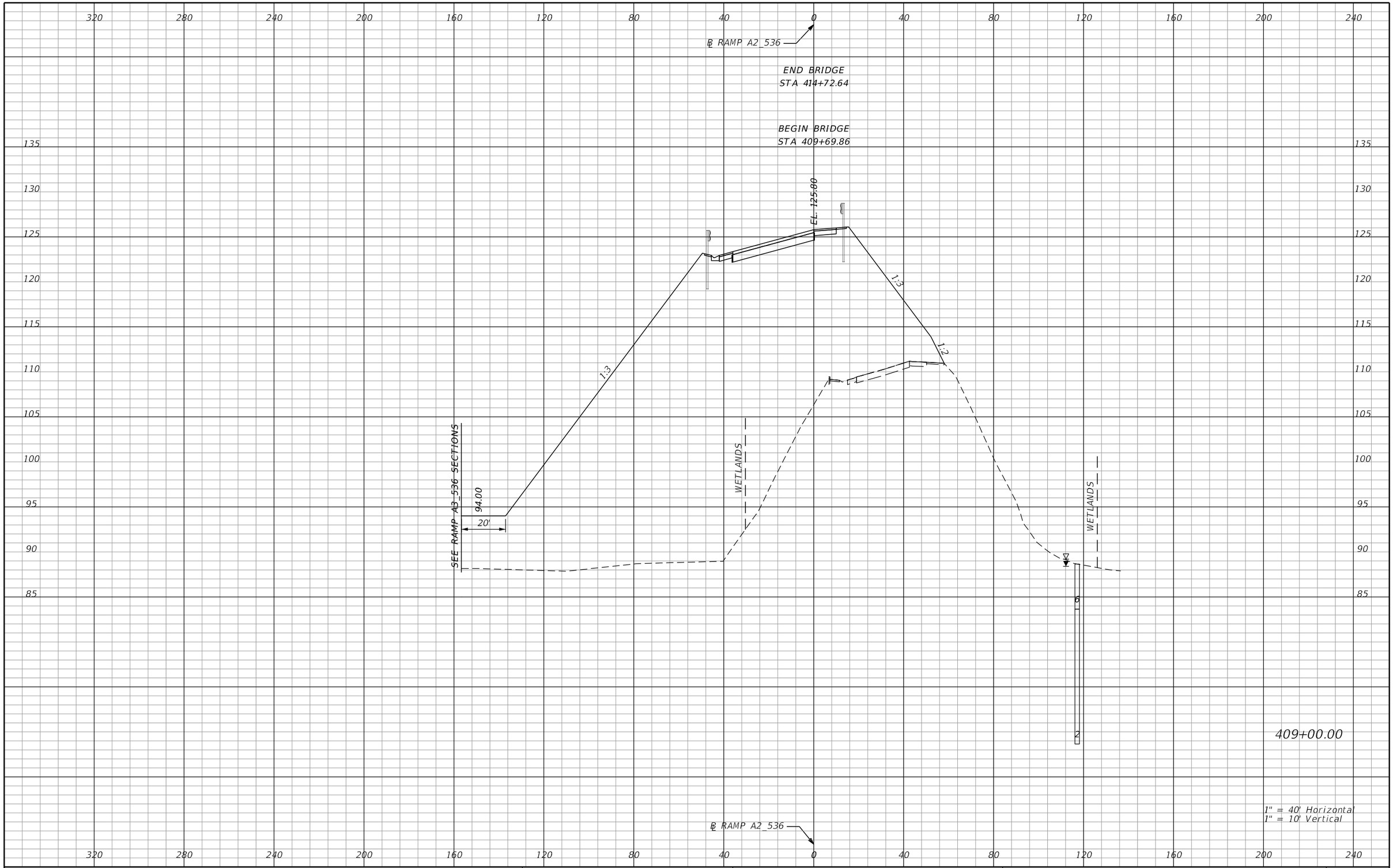

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SHEET NO. 990

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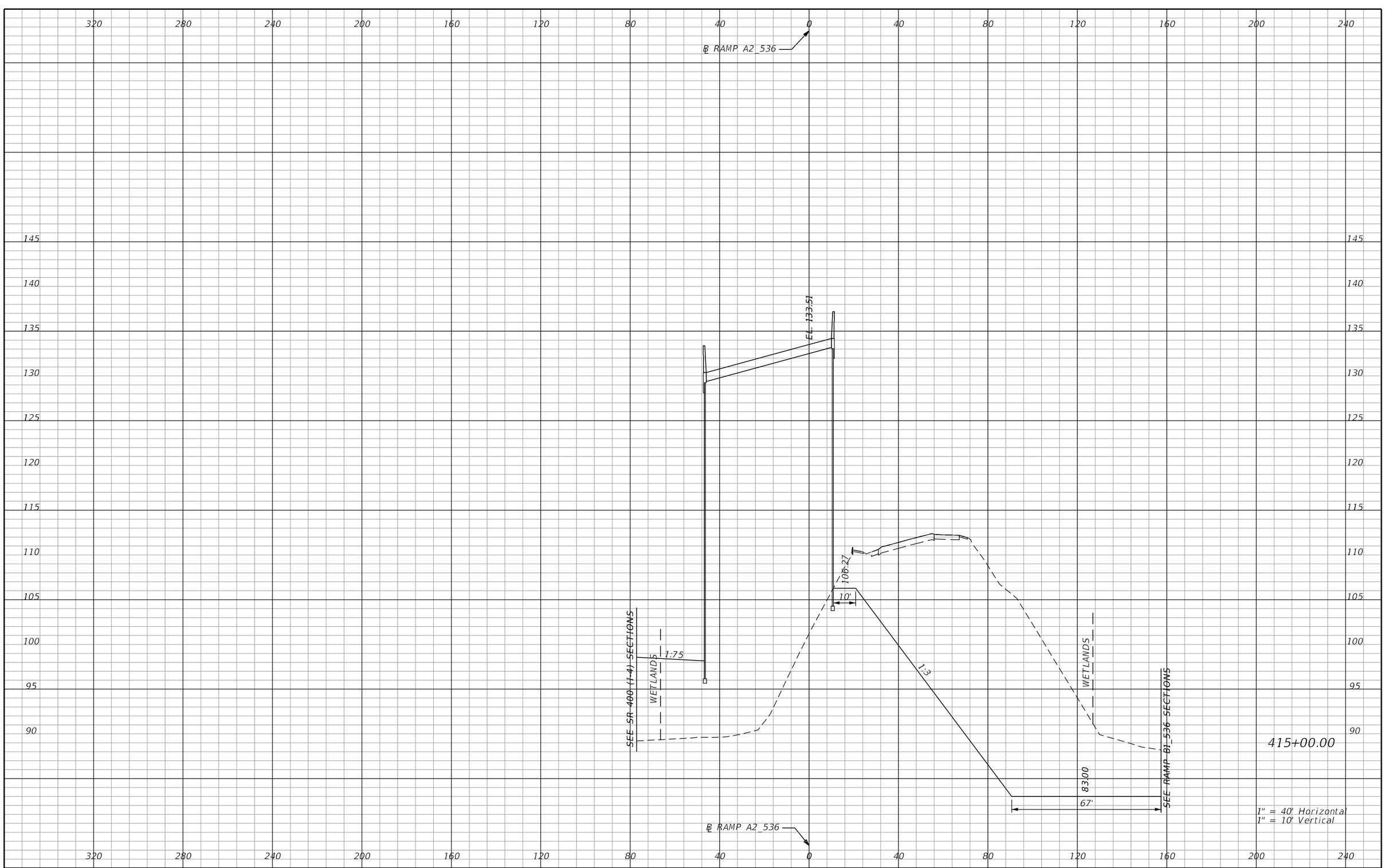

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CROSS SECTIONS

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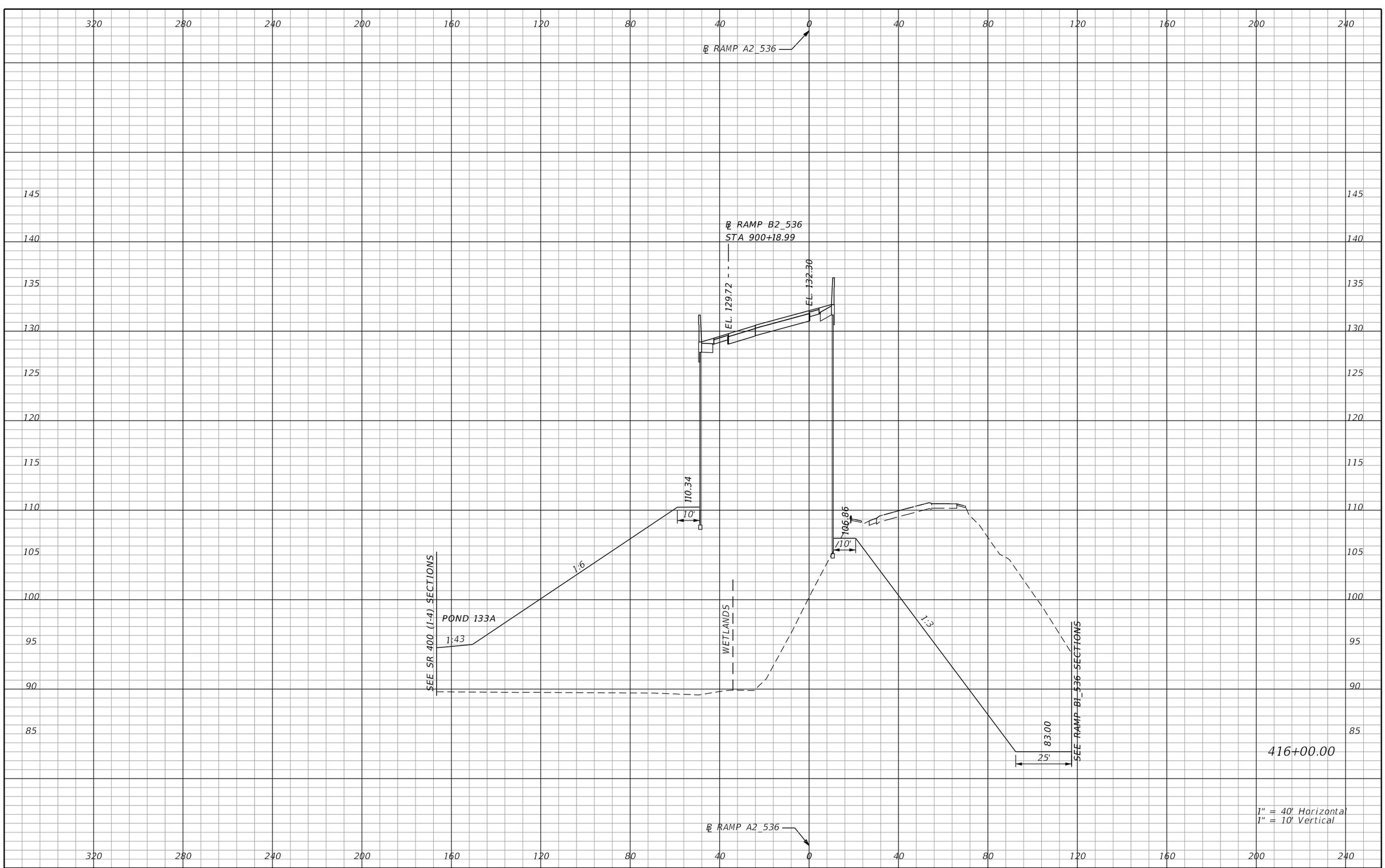

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SHEET NO. 992

PRELIMINARY: NOT FOR CONSTRUCTION

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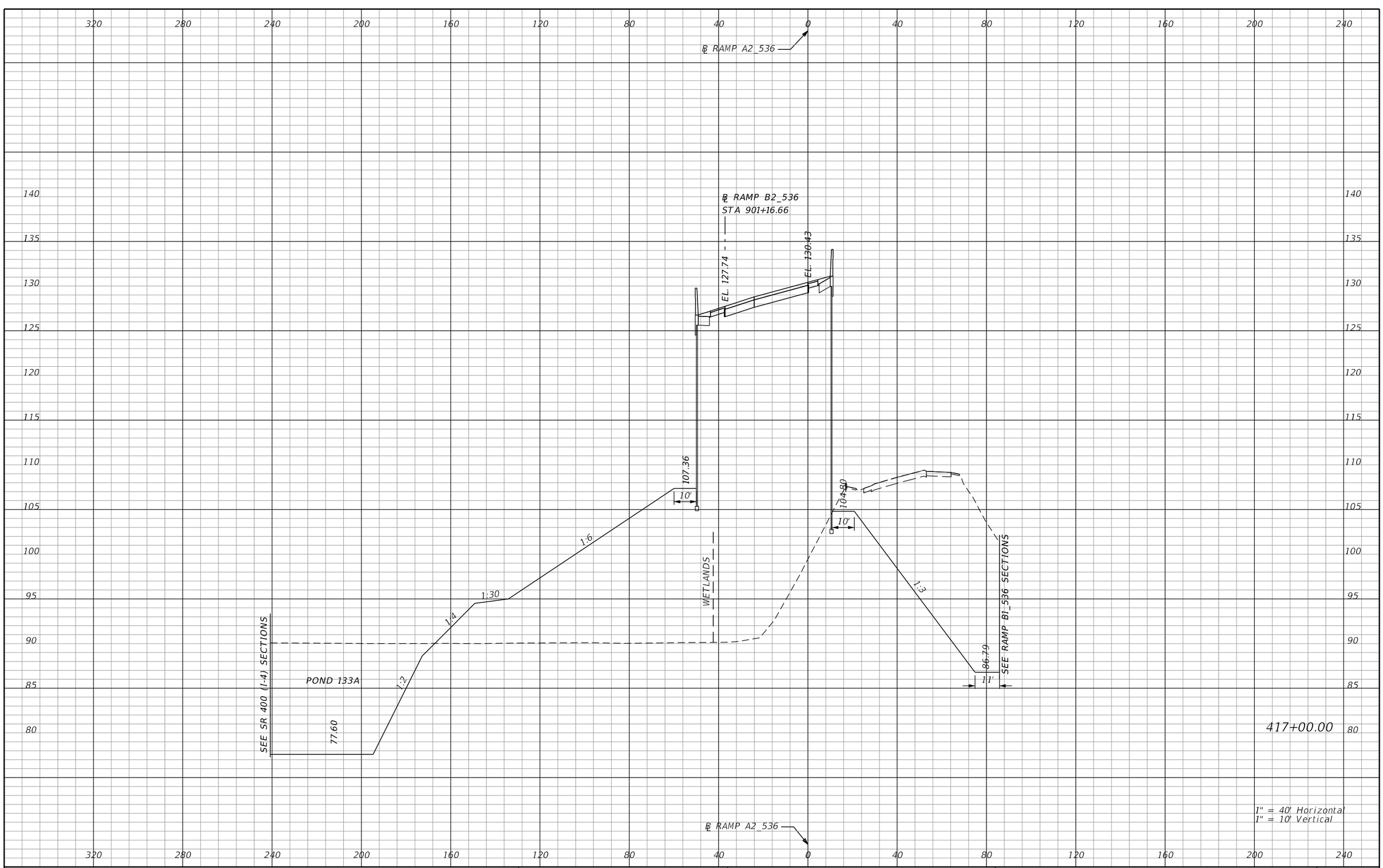

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EL. 125.53

EL. 126.43

107.36

10'

106.37

10'

1:6

1:30

1:4

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WETLANDS

1:2

92.46

13'

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POND 133A

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CROSS SECTIONS

SHEET NO. 994

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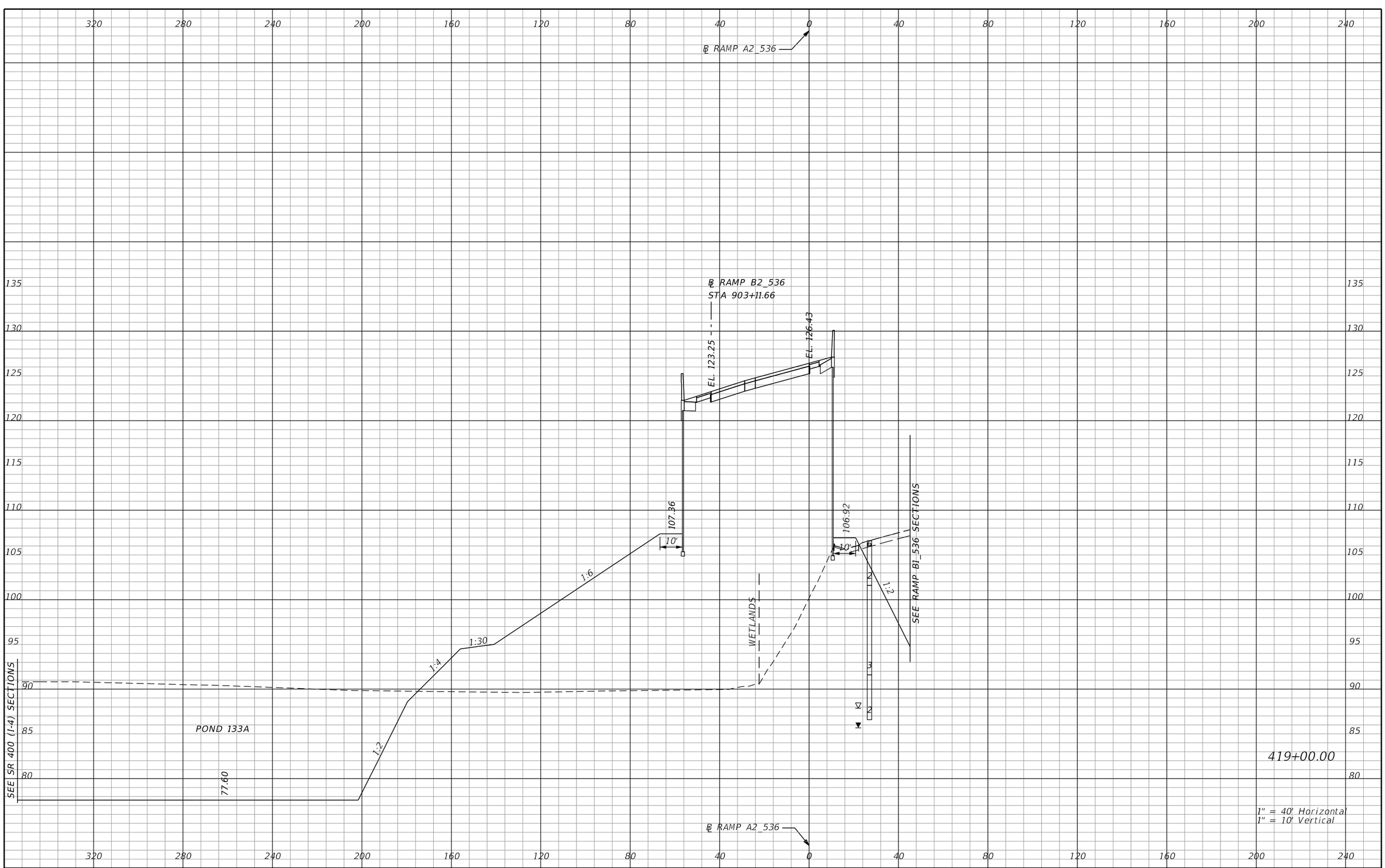

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CROSS SECTIONS

SHEET NO. 995

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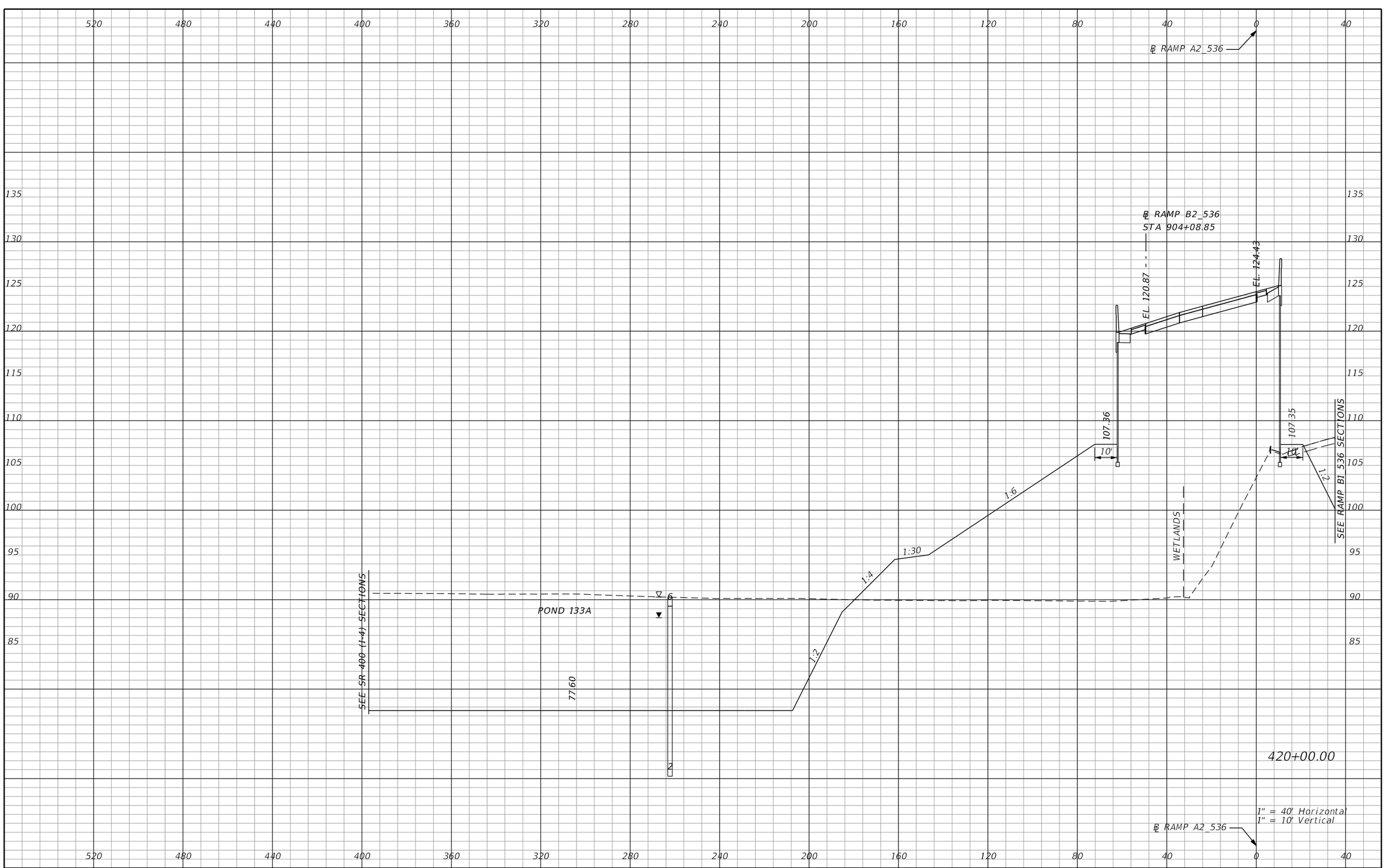

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

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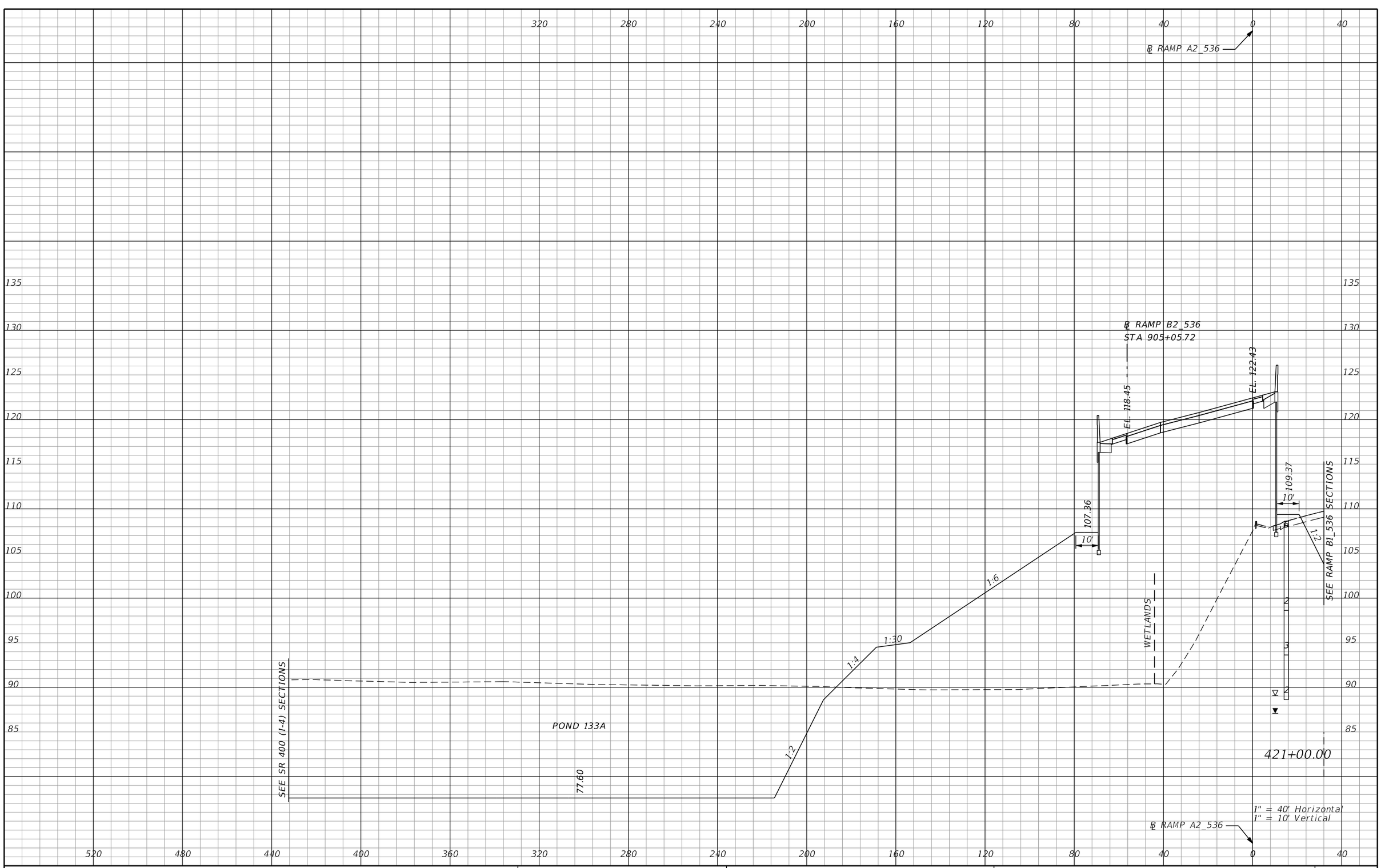

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

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CROSS SECTIONS

SHEET NO. 997

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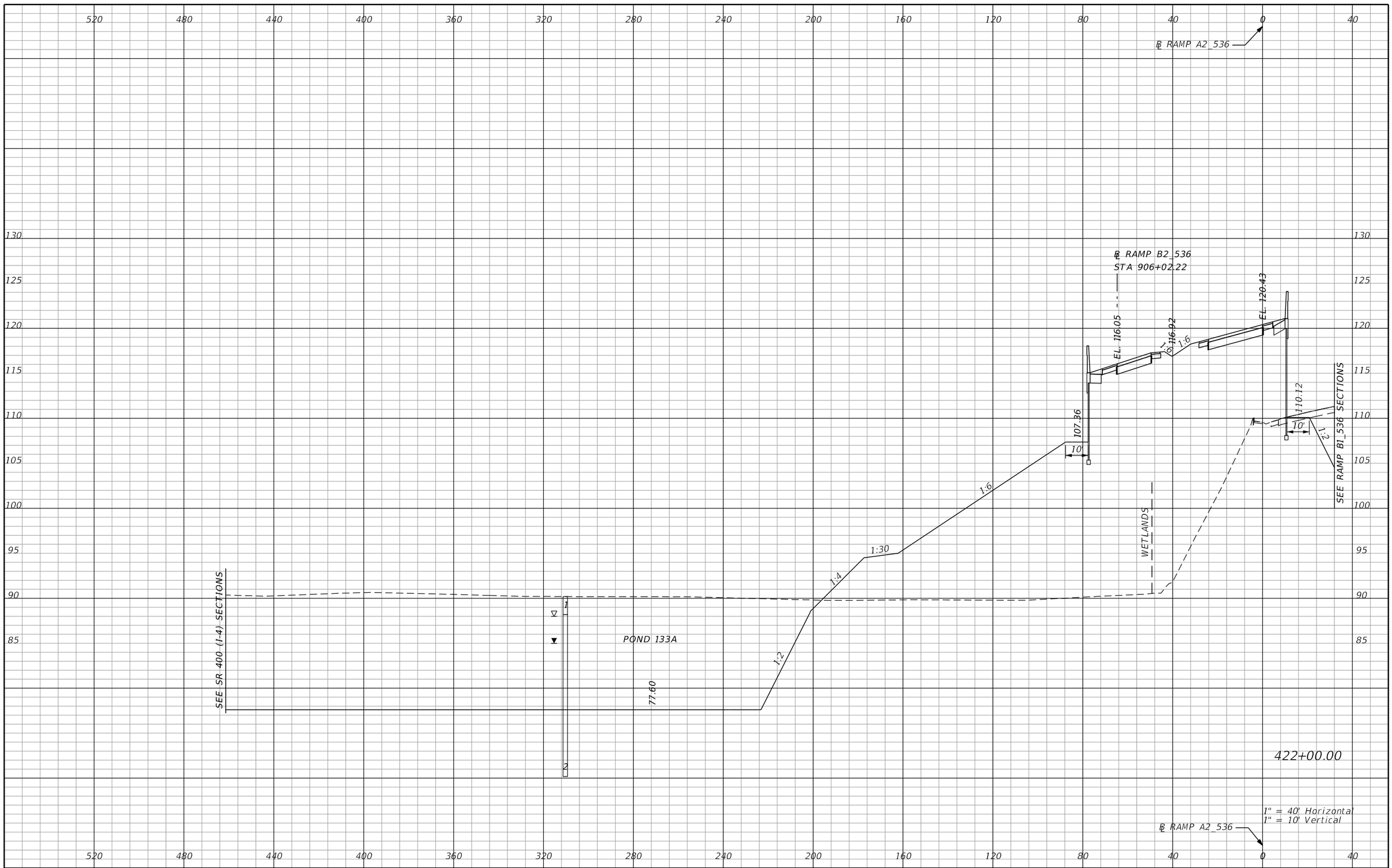

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SHEET NO. 998

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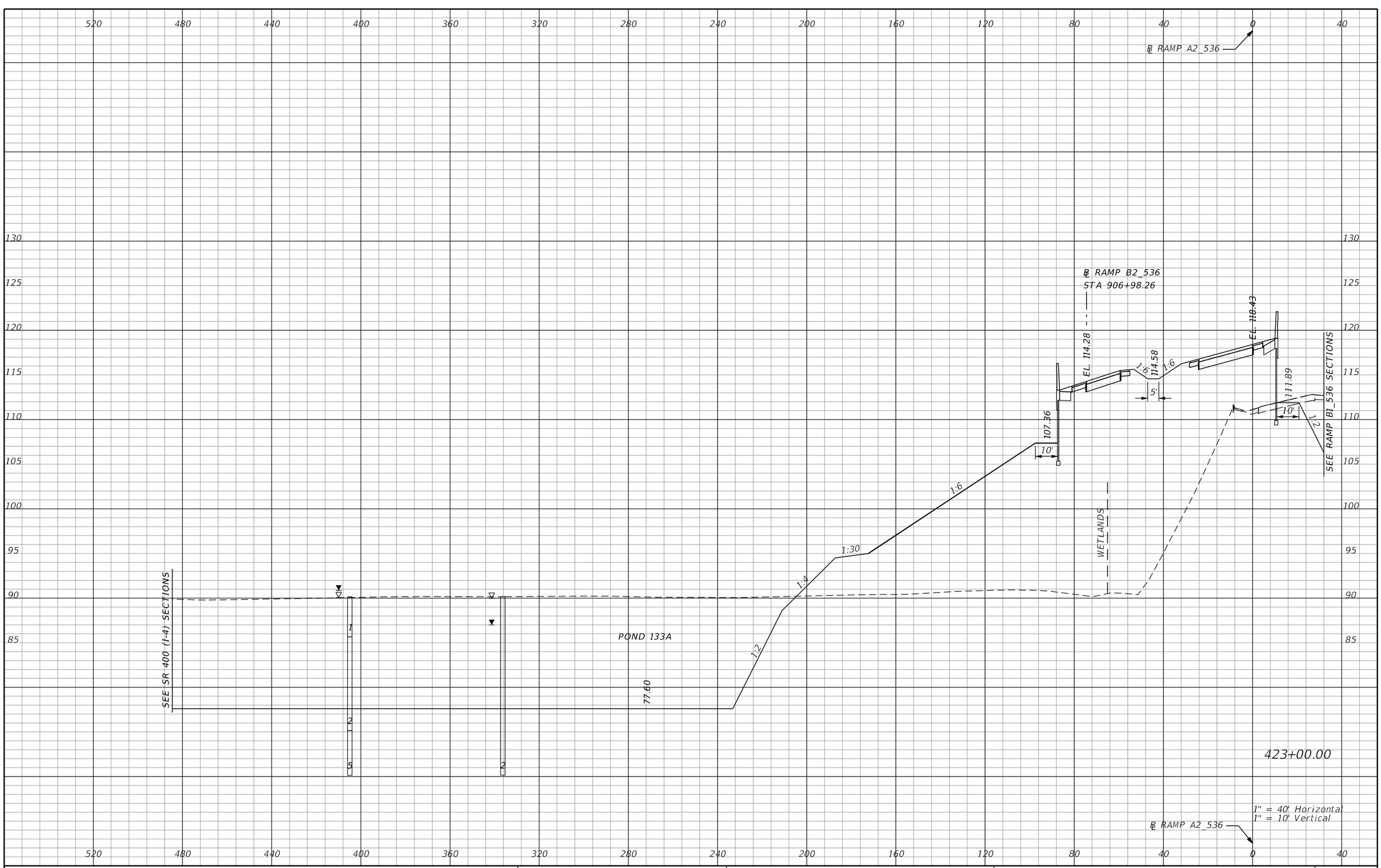

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SR 400	ORANGE	242484-8-52-01

RAMP A2_536
CROSS SECTIONS

SHEET NO. 999

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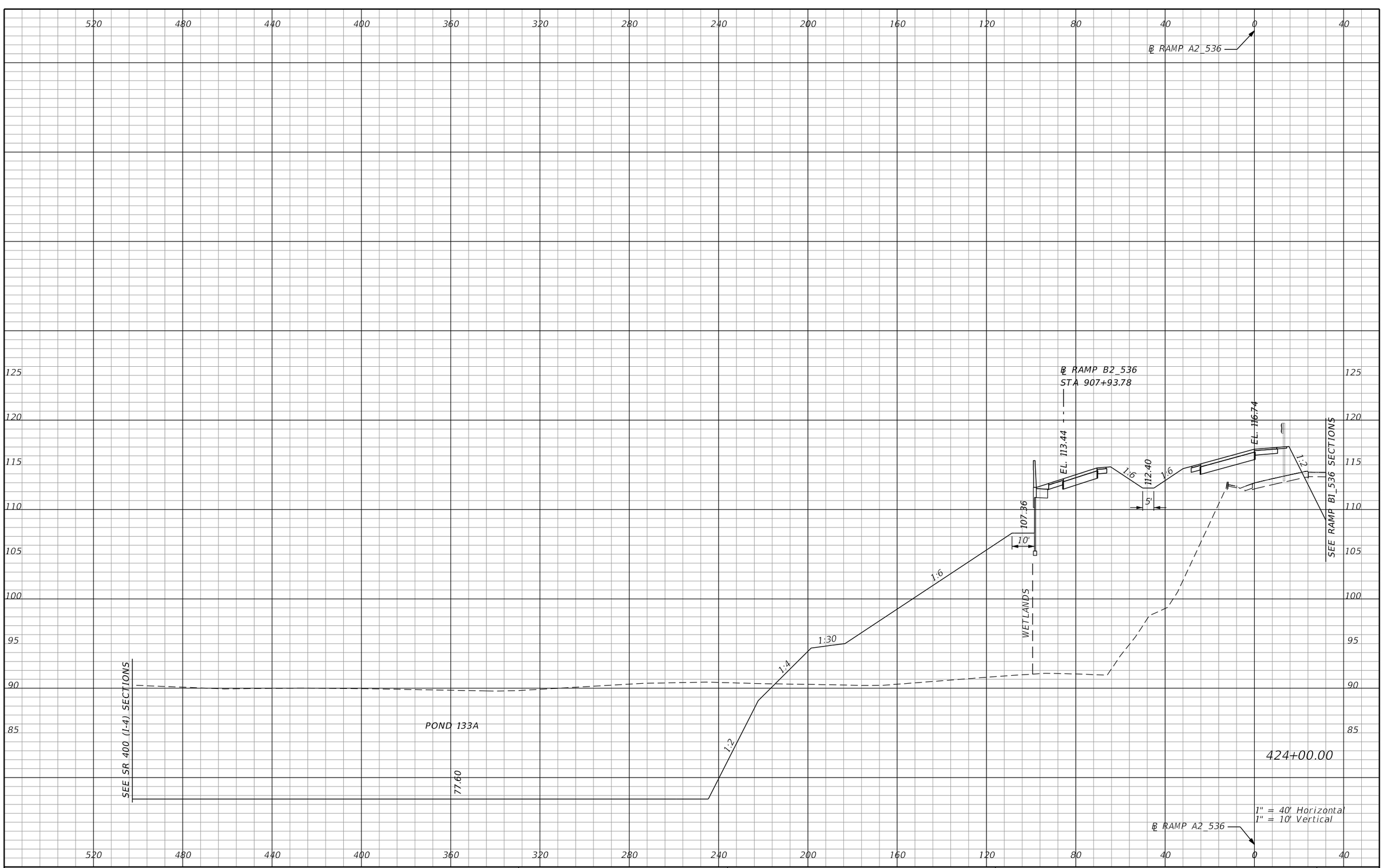

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SR 400	ORANGE	242484-8-52-01

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SHEET NO. 1000

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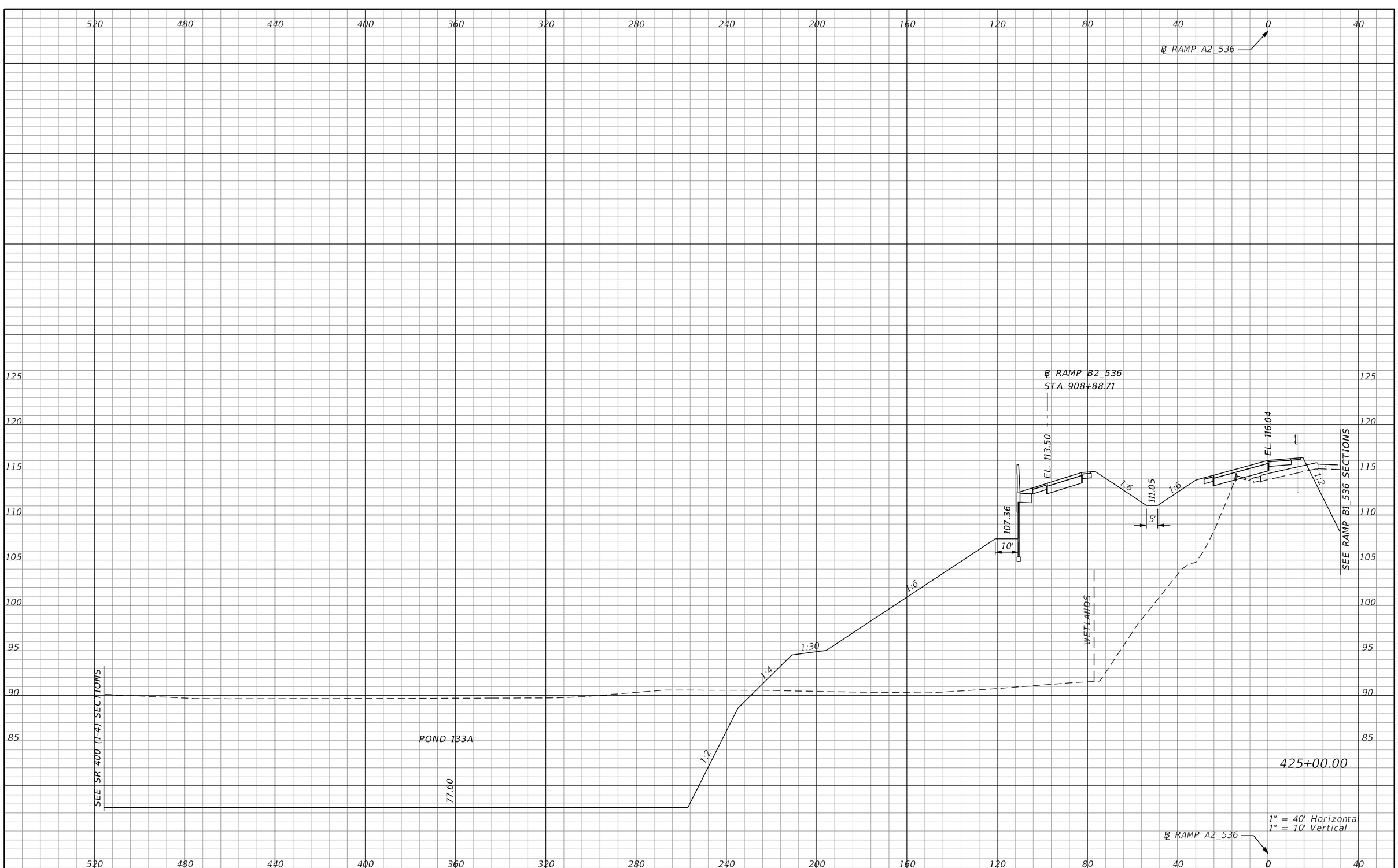

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SR 400	ORANGE	242484-8-52-01

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SHEET NO. 1001

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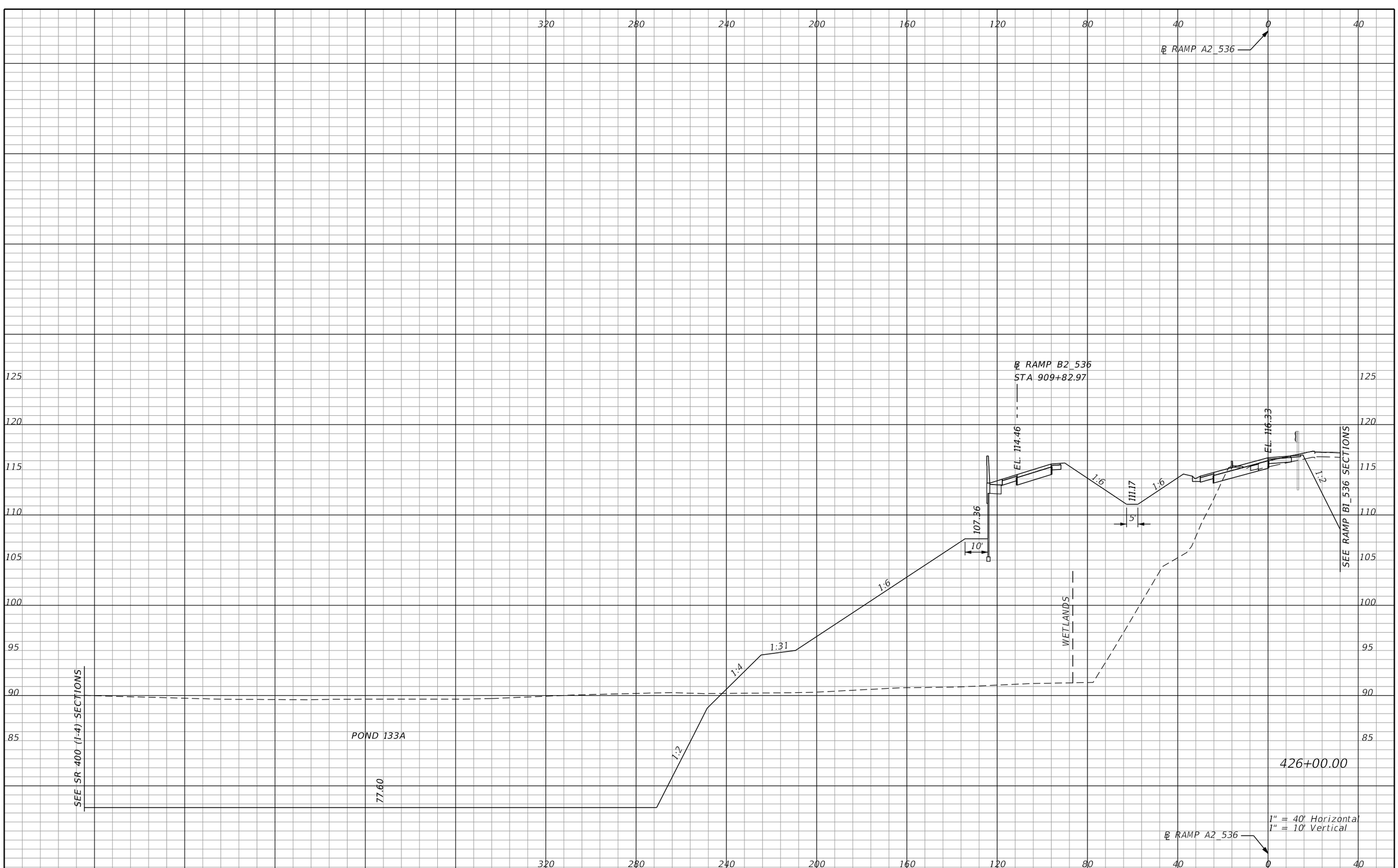

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SHEET NO. 1002

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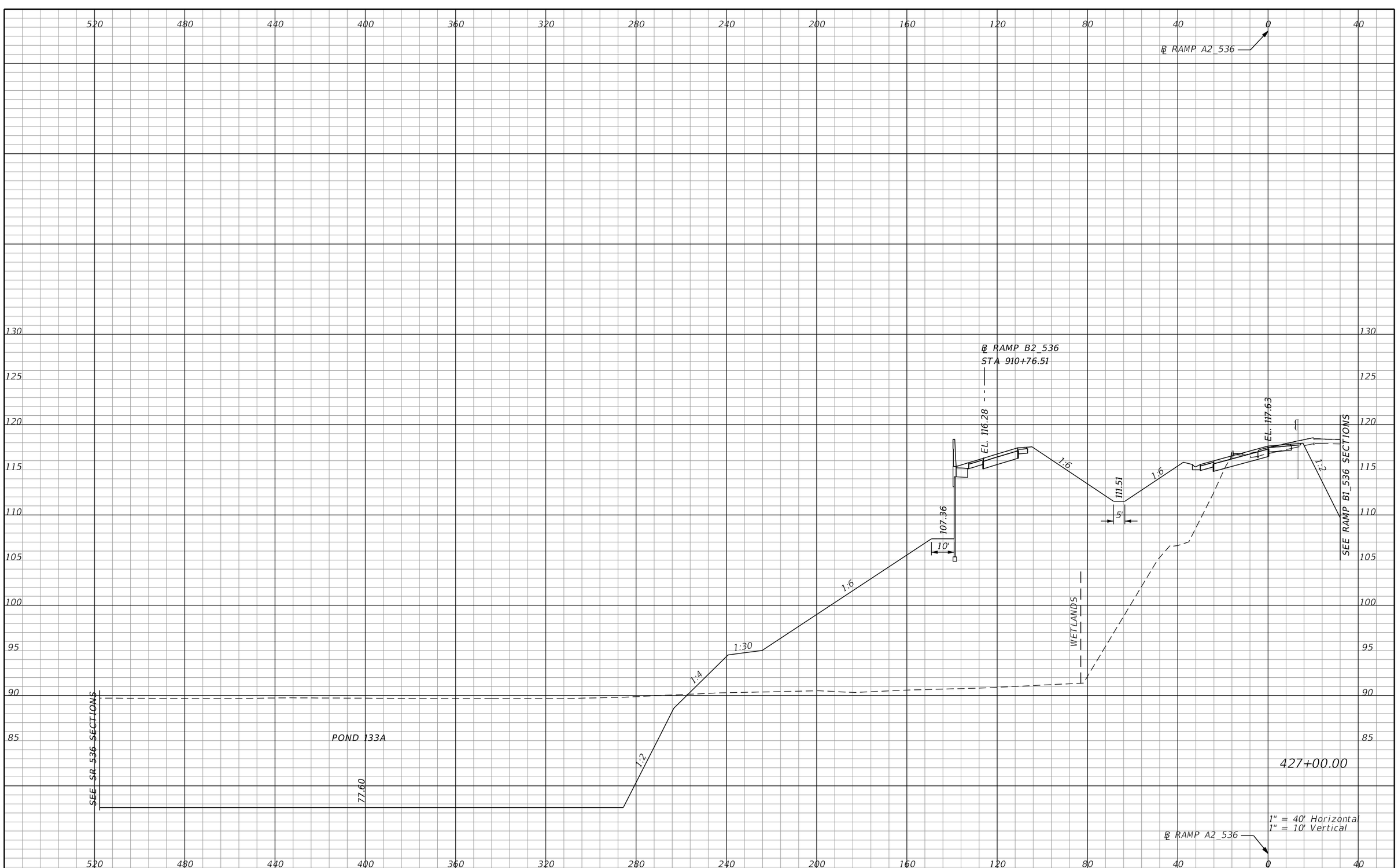

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SHEET NO. 1003

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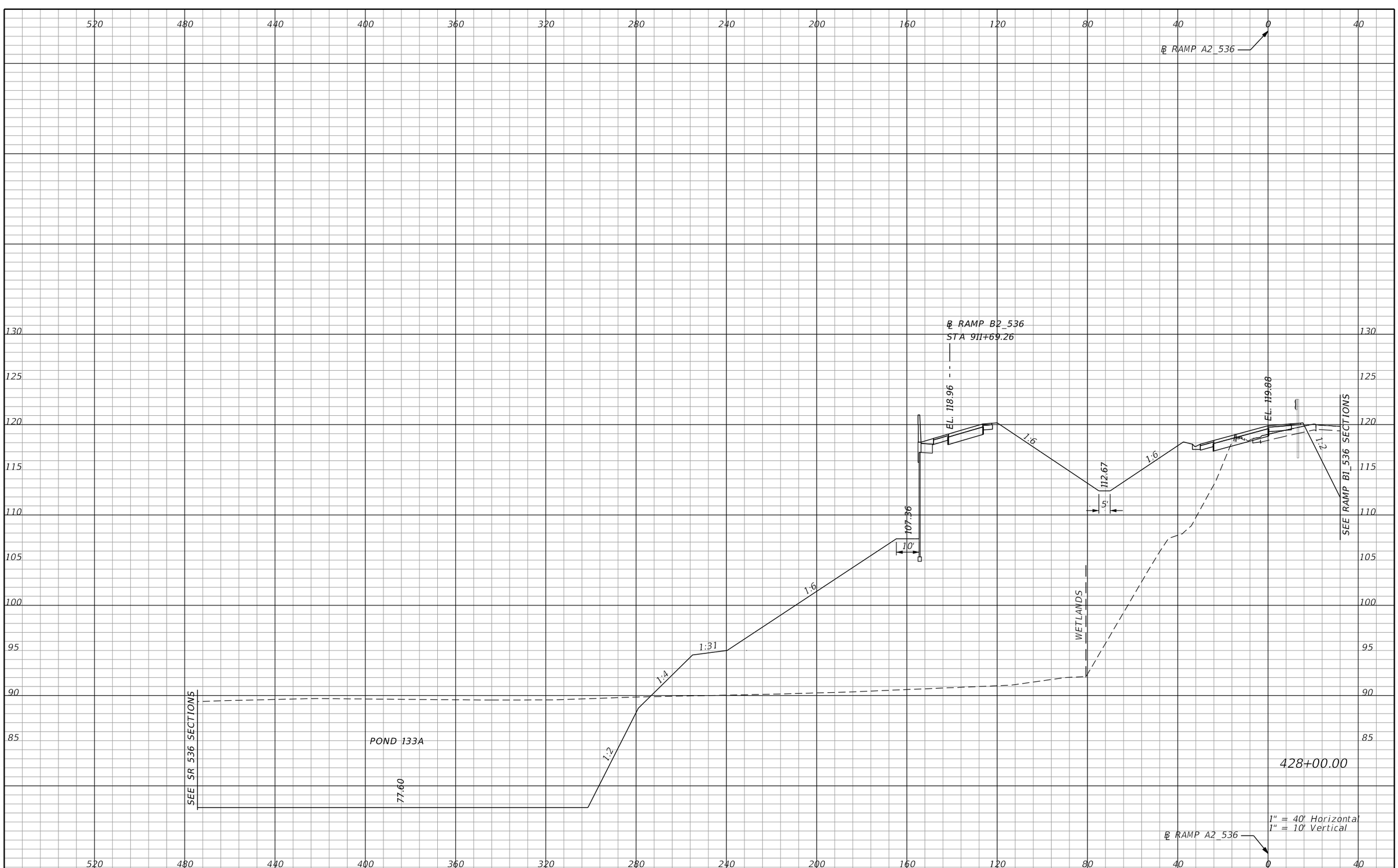

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SHEET NO. 1004

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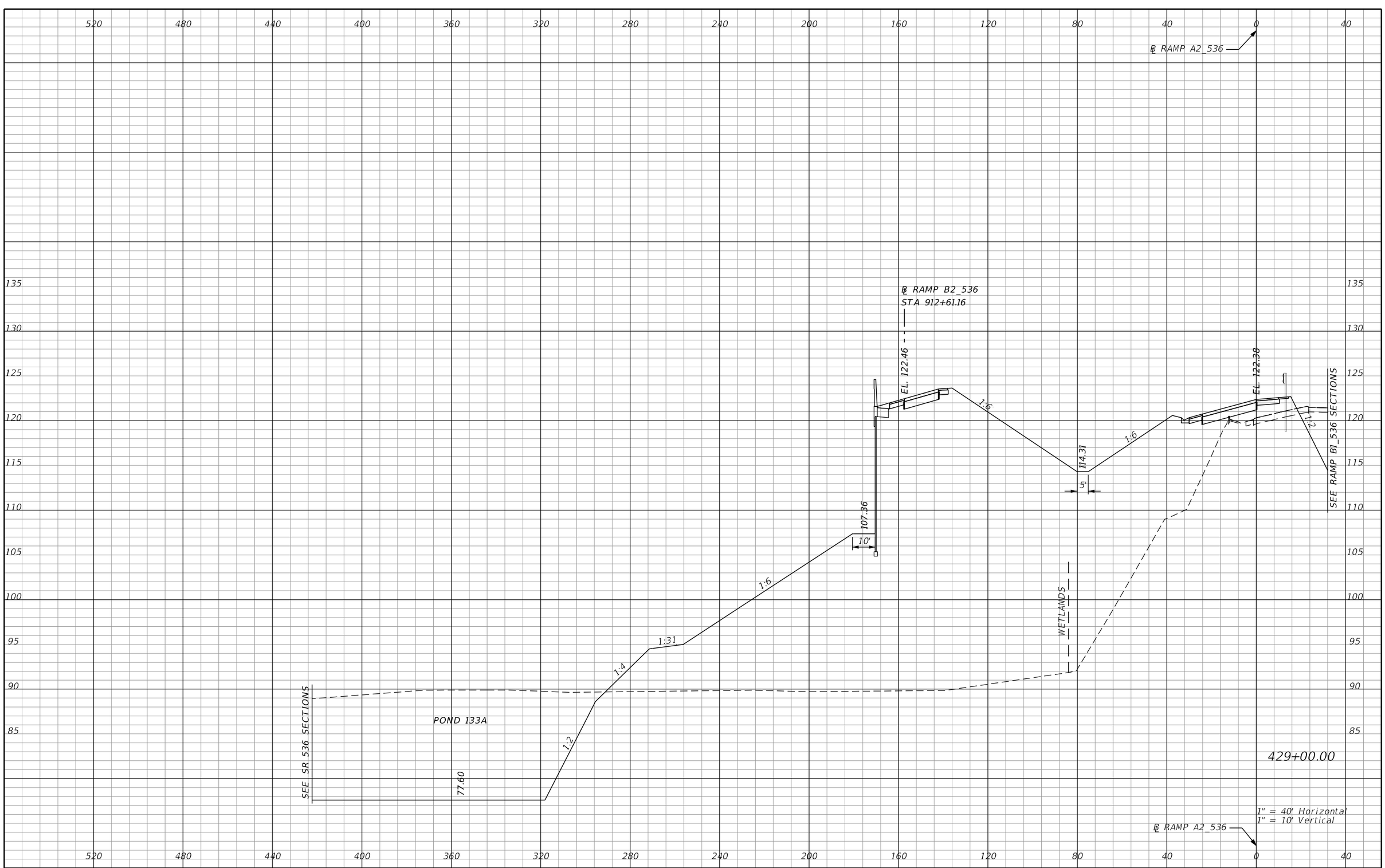

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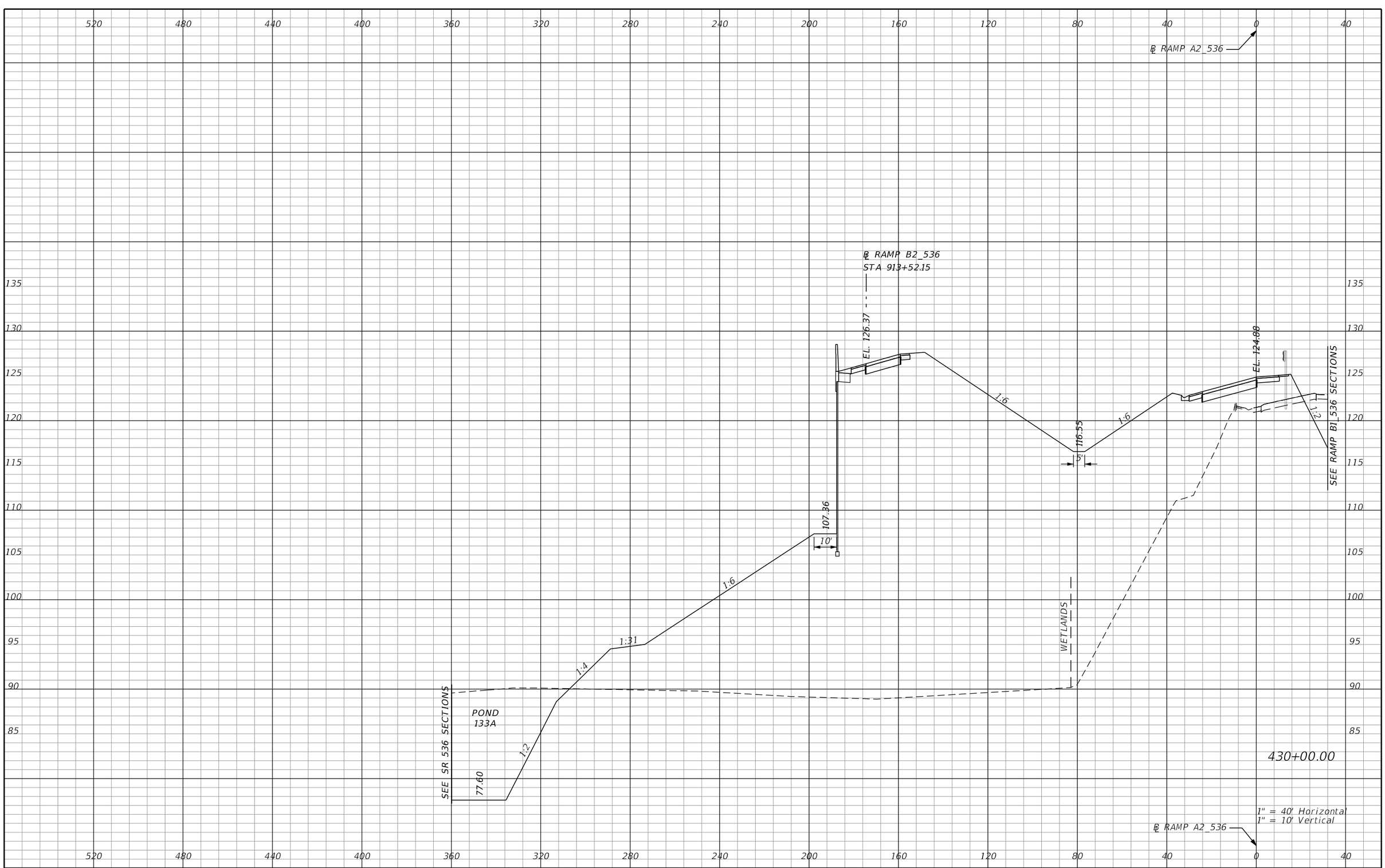

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

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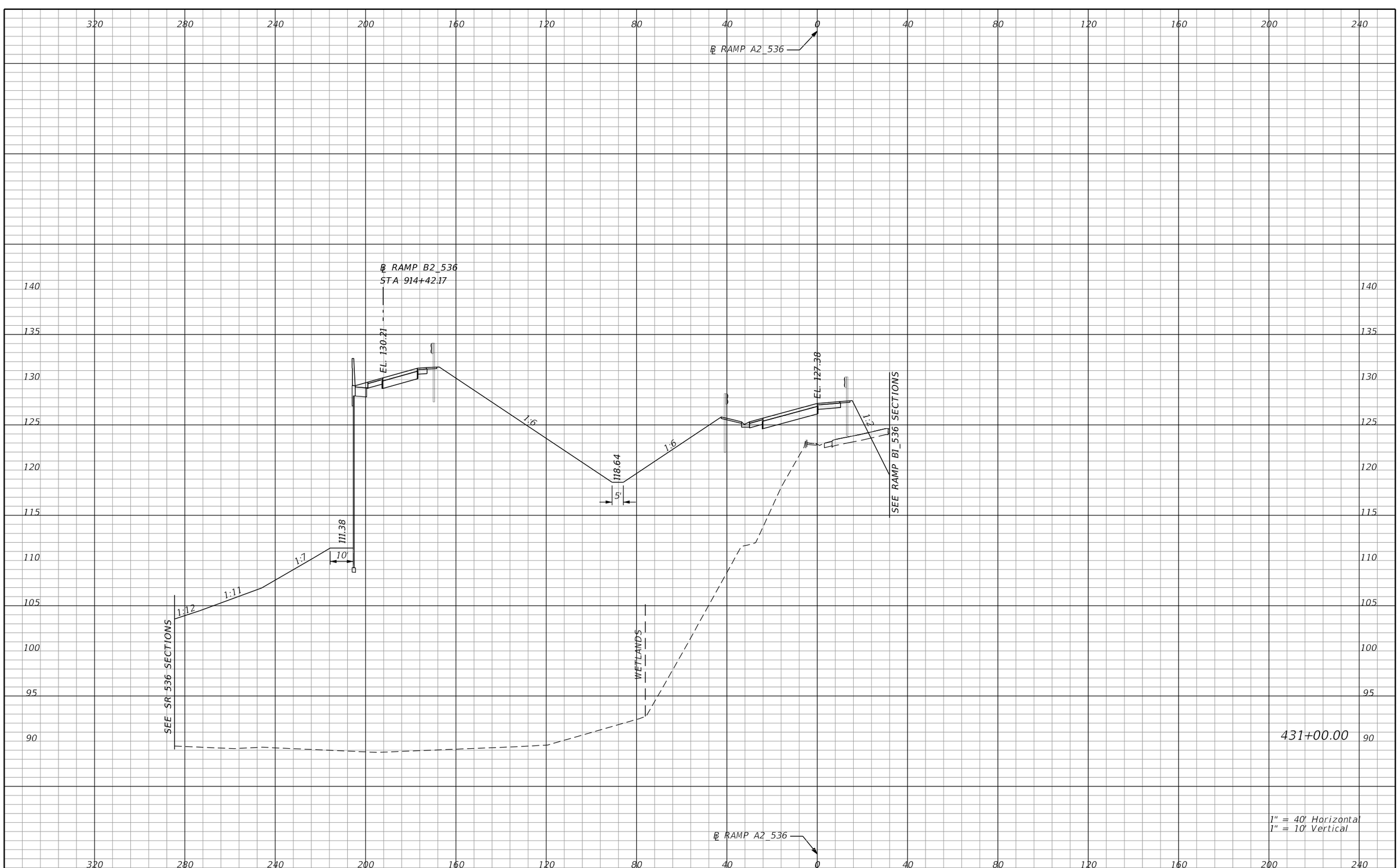
CROSS SECTIONS

SHEET NO. 1006

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A2_536
CROSS SECTIONS

SHEET NO. 1007

PRELIMINARY: NOT FOR CONSTRUCTION

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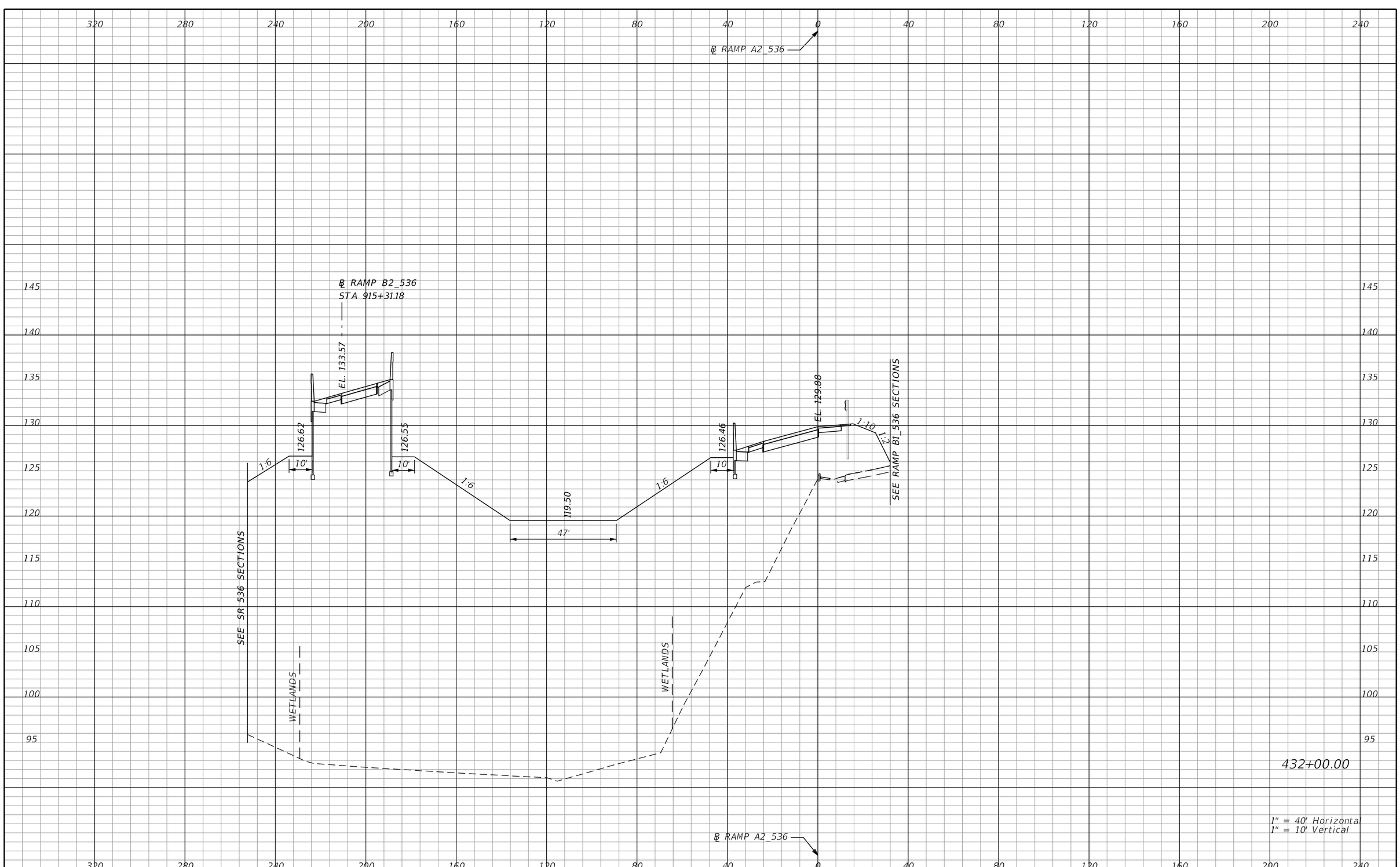

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A2_536 CROSS SECTIONS

SHEET NO. 1008

PRELIMINARY: NOT FOR CONSTRUCTION

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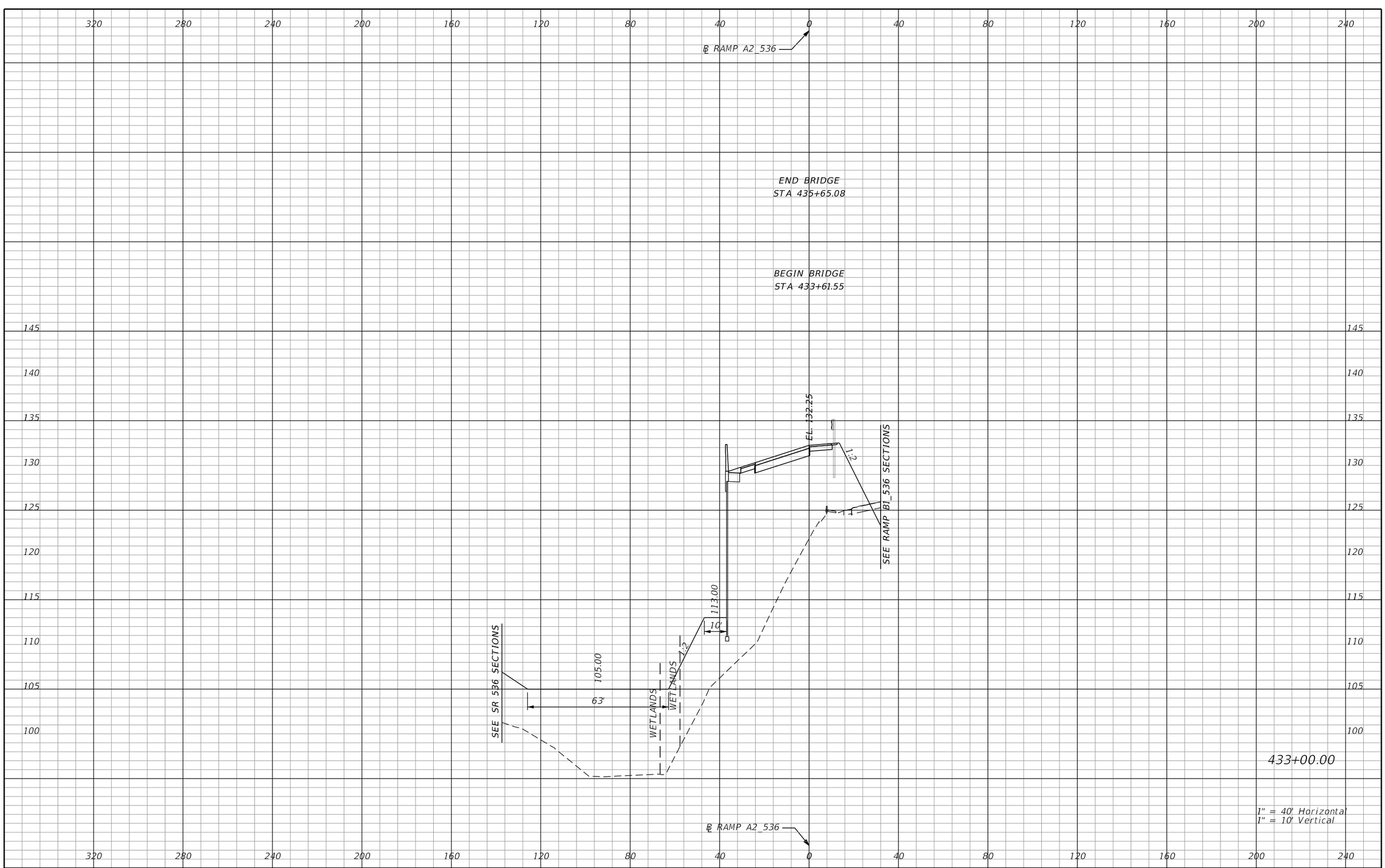

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CROSS SECTIONS

SHEET NO. 1009

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STA 1001+74.27

EL. 132.81

EL. 134.82

100.00

10'

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100.07

4'

1:2

1:35

SEE RAMP C1_536 SECTIONS

437+00.00

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1" = 40' Horizontal
1" = 10' Vertical

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SR 400	ORANGE	242484-8-52-01

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SHEET NO.
1010

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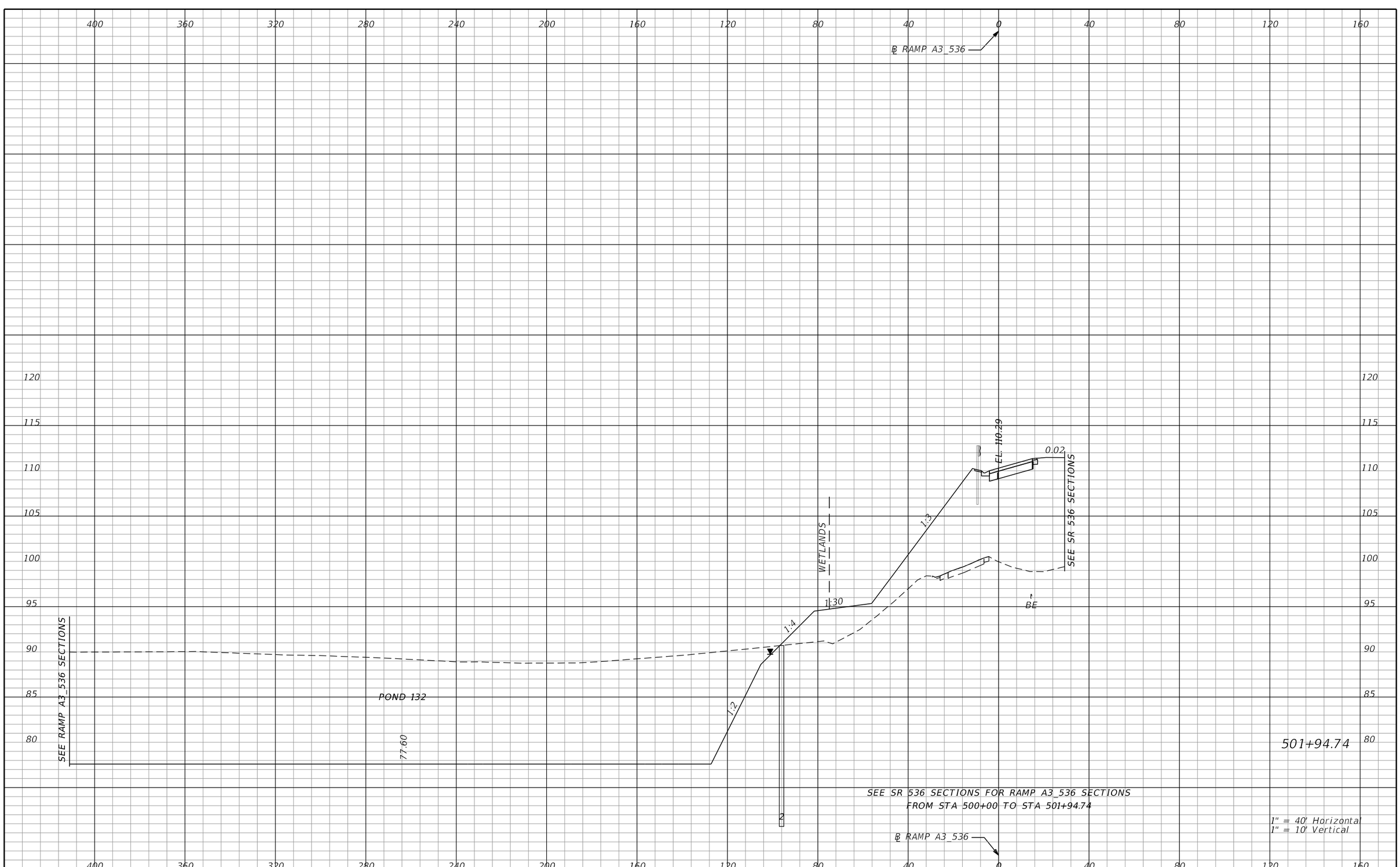

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SR 400	ORANGE	242484-8-52-01

RAMP A3_536 CROSS SECTIONS

SHEET NO. 1011

PRELIMINARY: NOT FOR CONSTRUCTION

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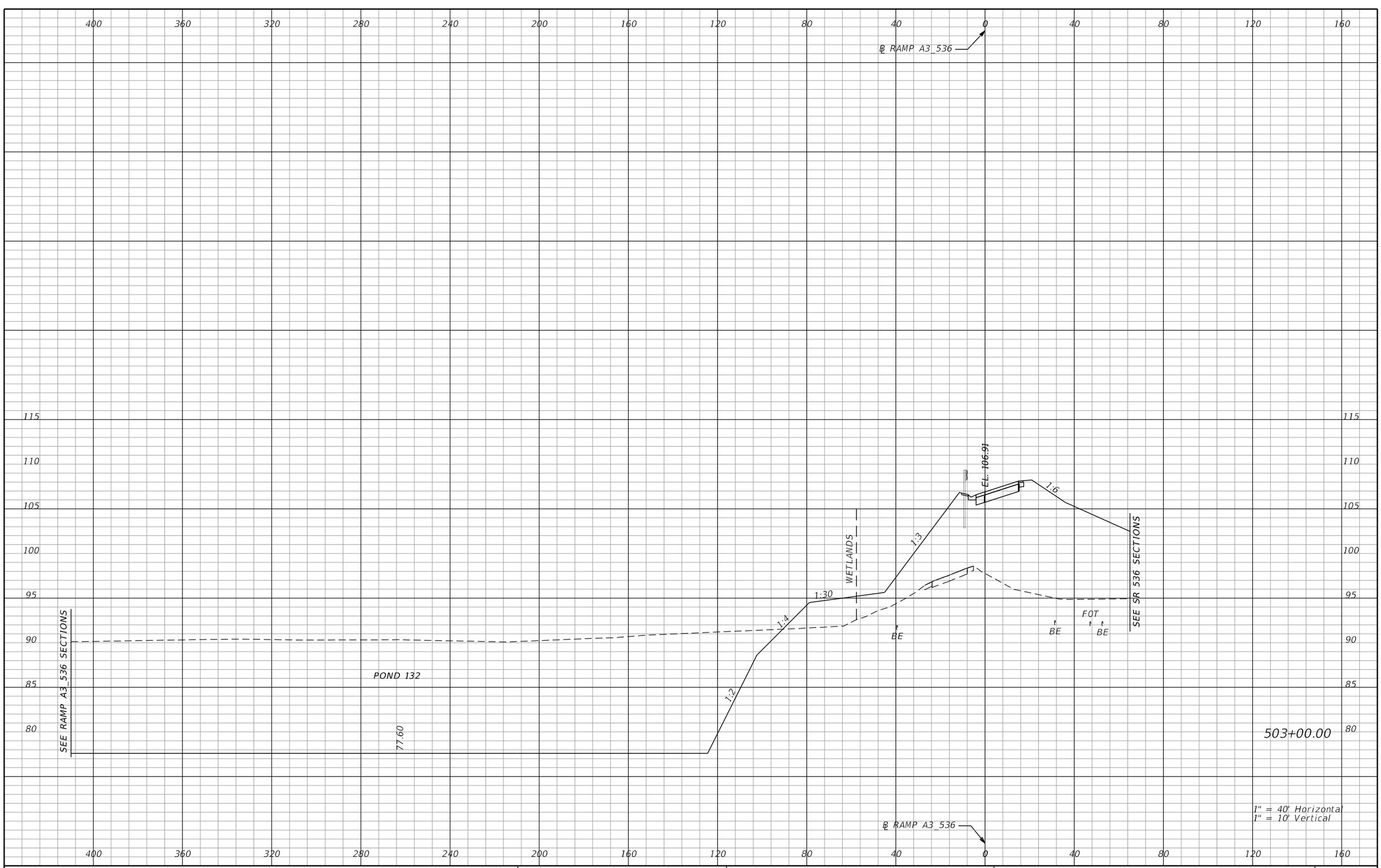

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SR 400	ORANGE	242484-8-52-01

RAMP A3_536
CROSS SECTIONS

SHEET NO. 1012

PRELIMINARY: NOT FOR CONSTRUCTION

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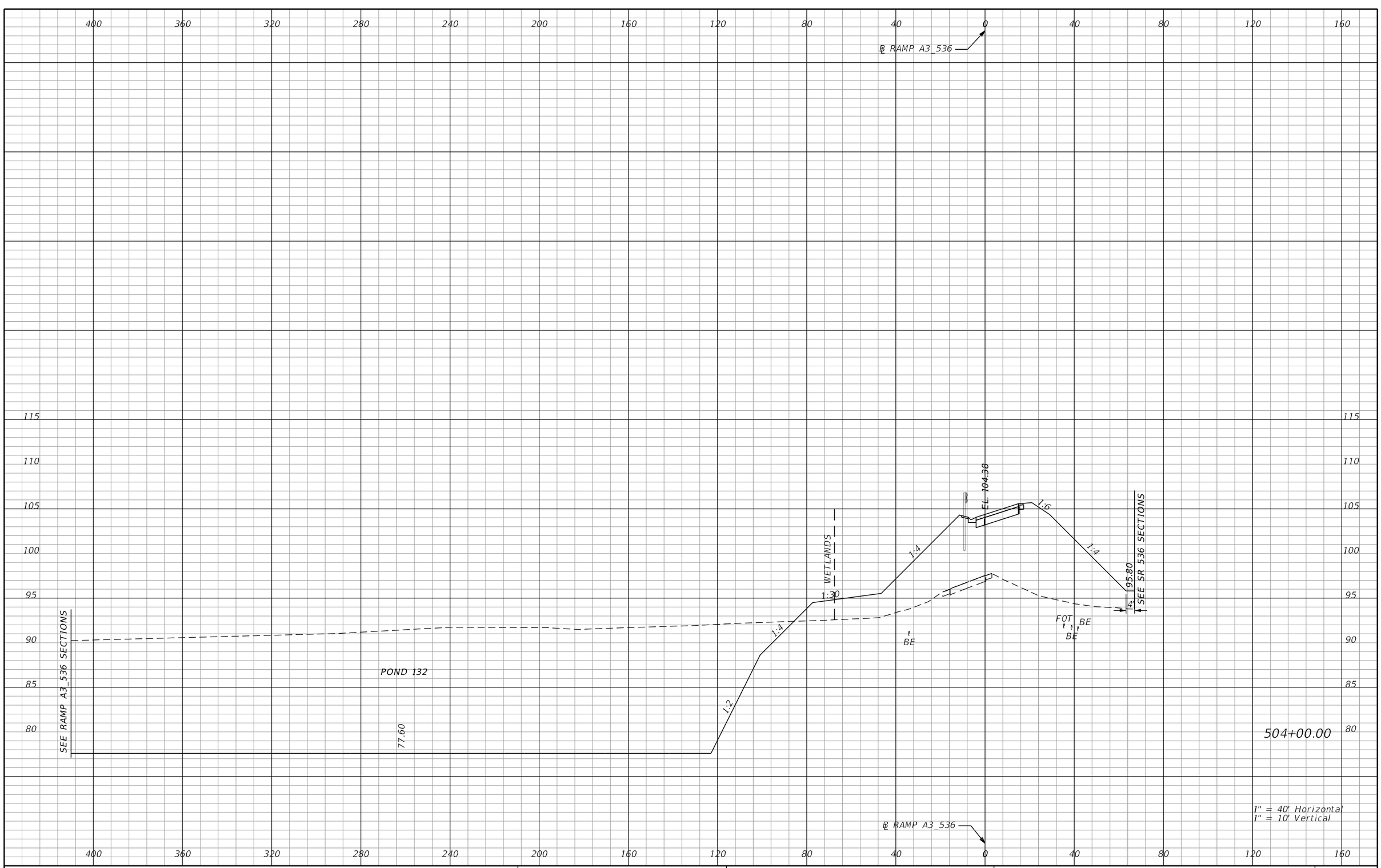

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SR 400	ORANGE	242484-8-52-01

RAMP A3_536 CROSS SECTIONS

SHEET NO. 1013

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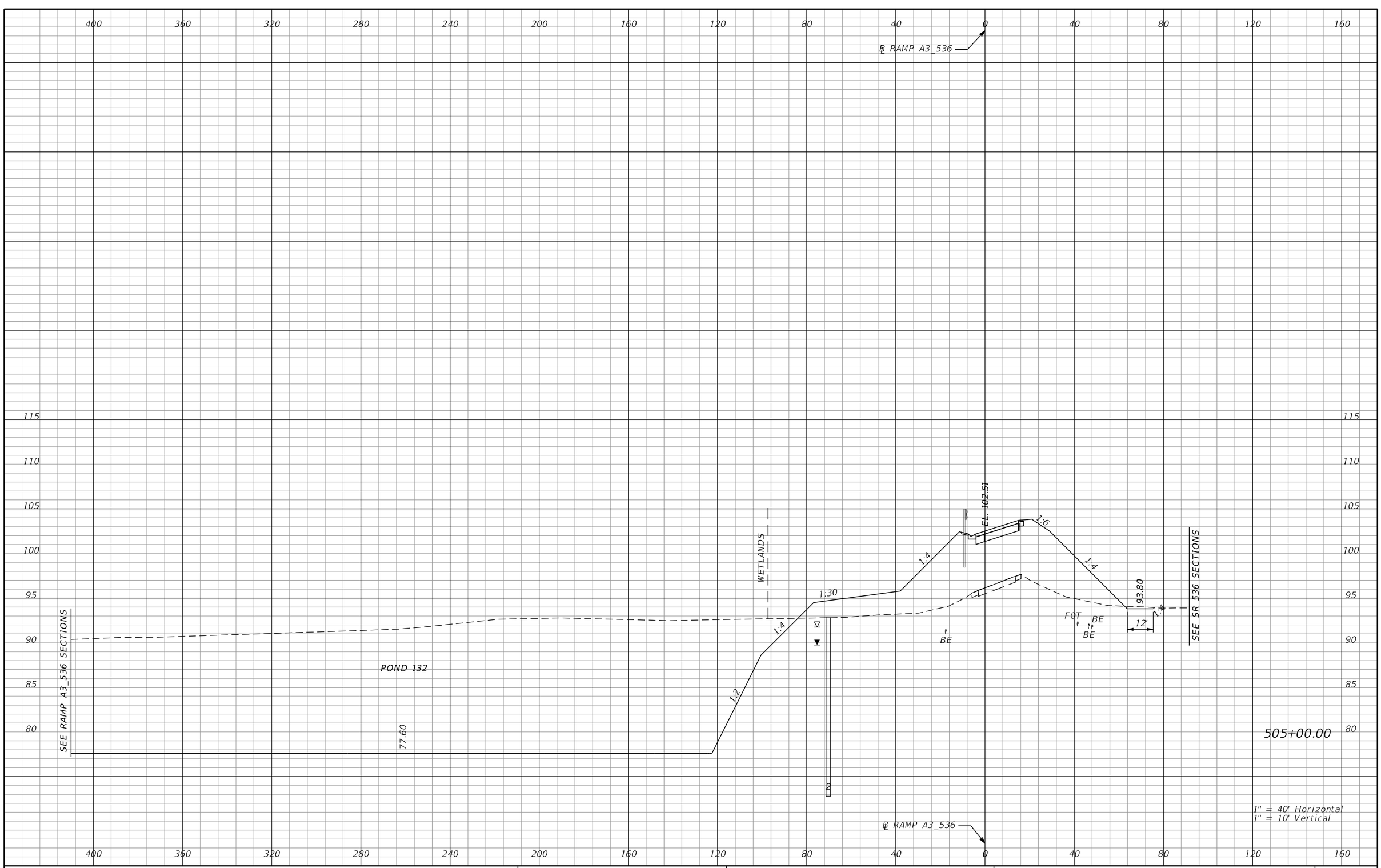

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SR 400	ORANGE	242484-8-52-01

RAMP A3_536 CROSS SECTIONS

SHEET NO. 1014

PRELIMINARY: NOT FOR CONSTRUCTION

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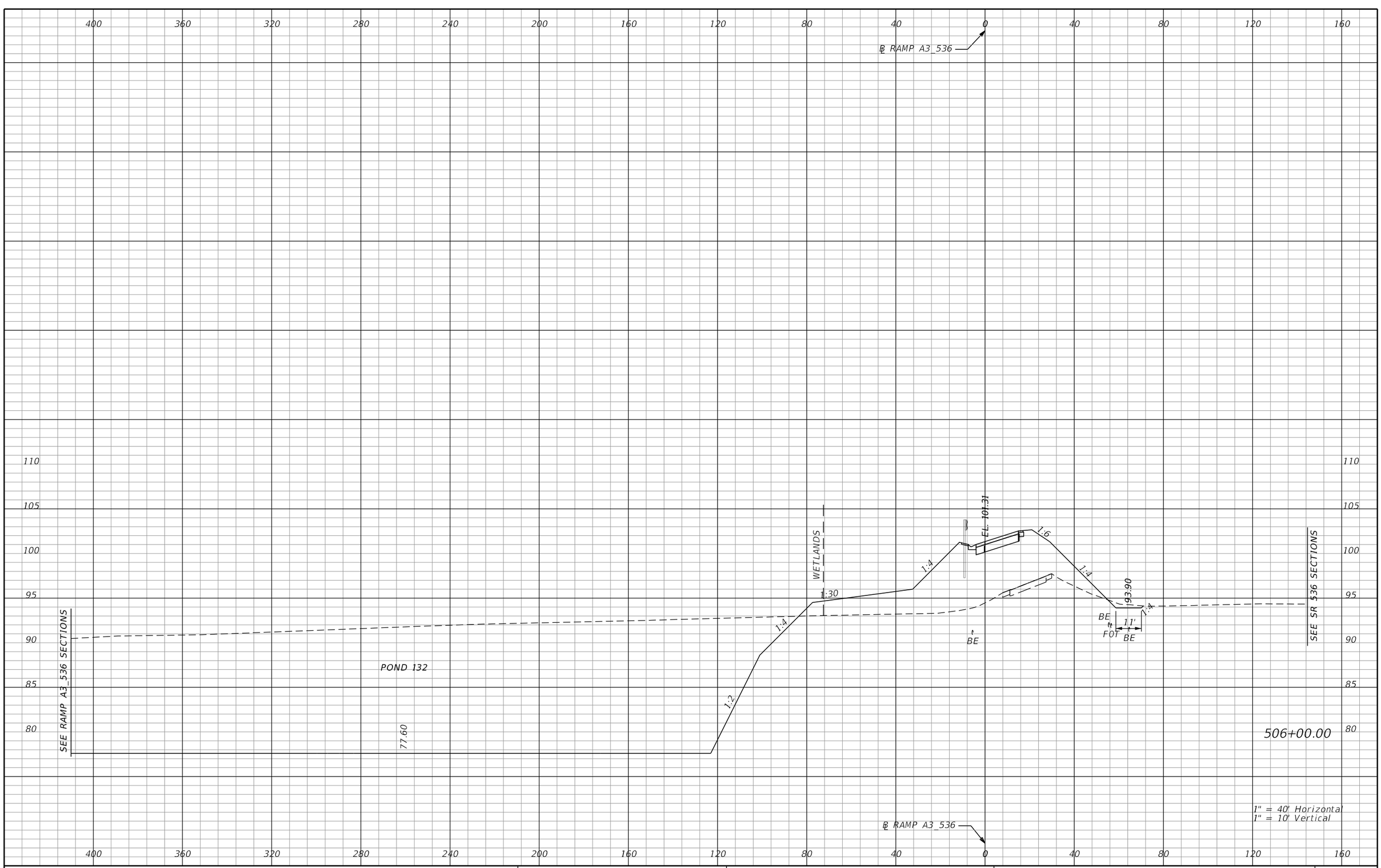

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SR 400	ORANGE	242484-8-52-01

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SHEET NO. 1015

PRELIMINARY: NOT FOR CONSTRUCTION

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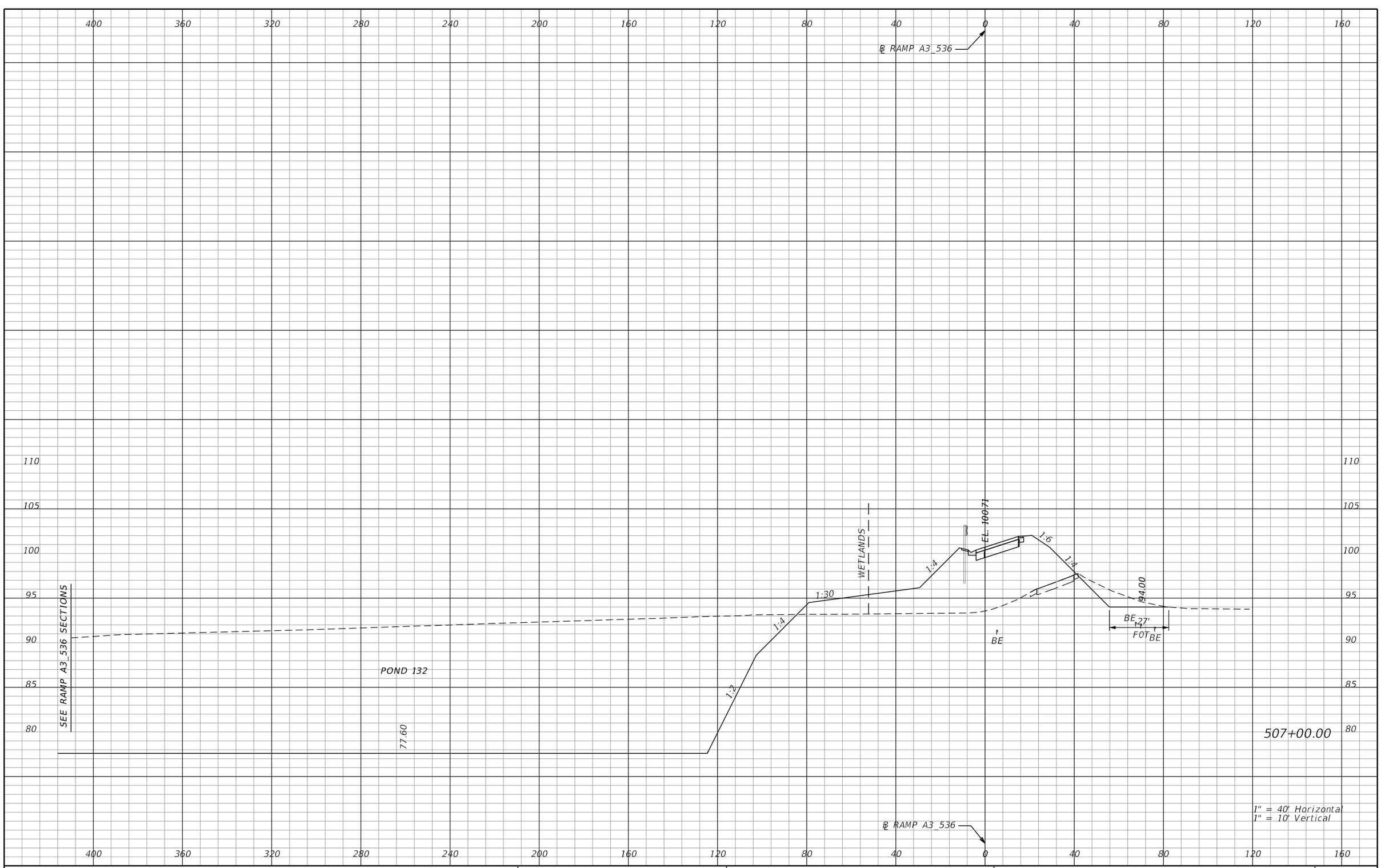

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SHEET NO. 1016

PRELIMINARY: NOT FOR CONSTRUCTION

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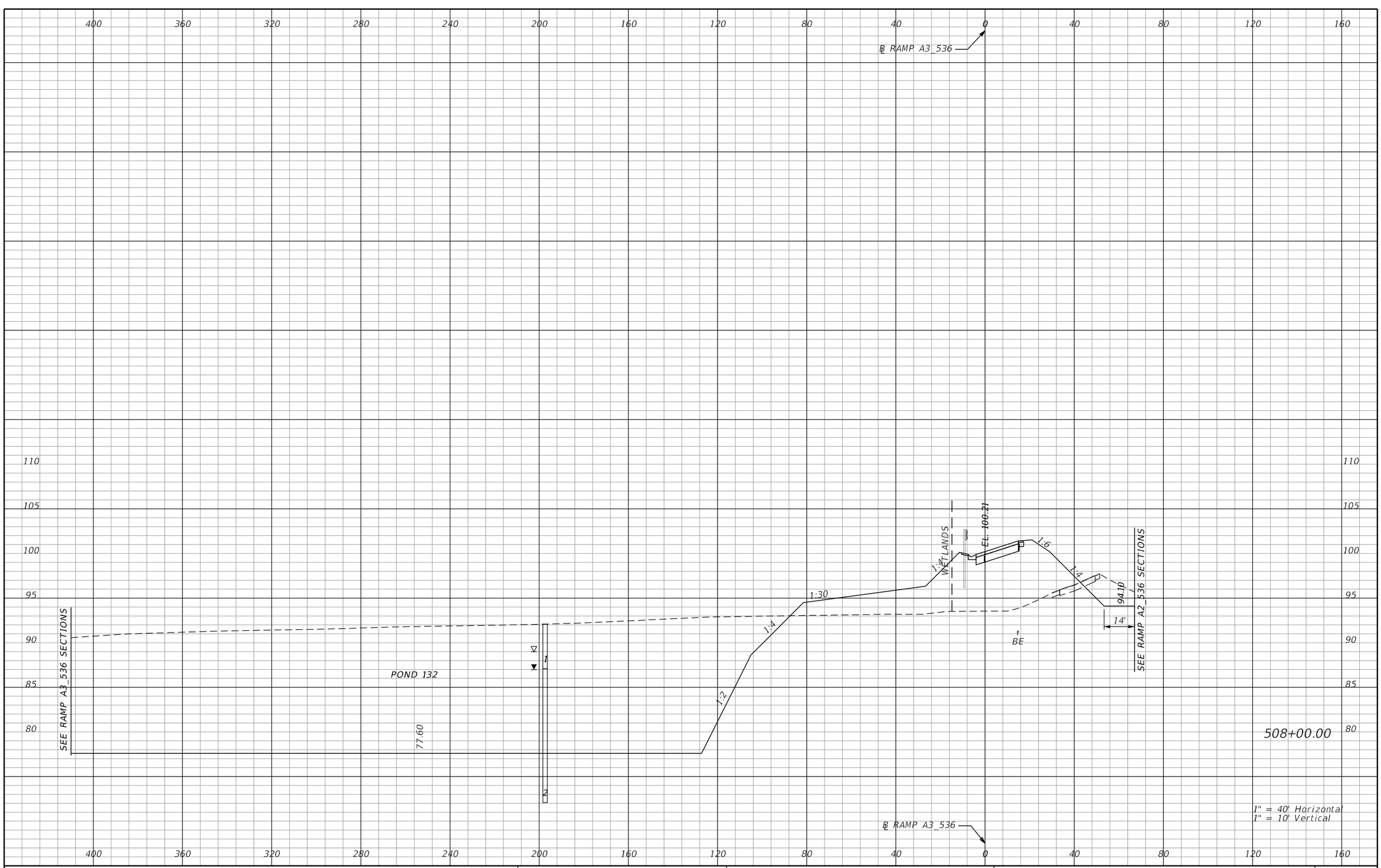

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SR 400	ORANGE	242484-8-52-01

RAMP A3_536 CROSS SECTIONS

SHEET NO. 1017

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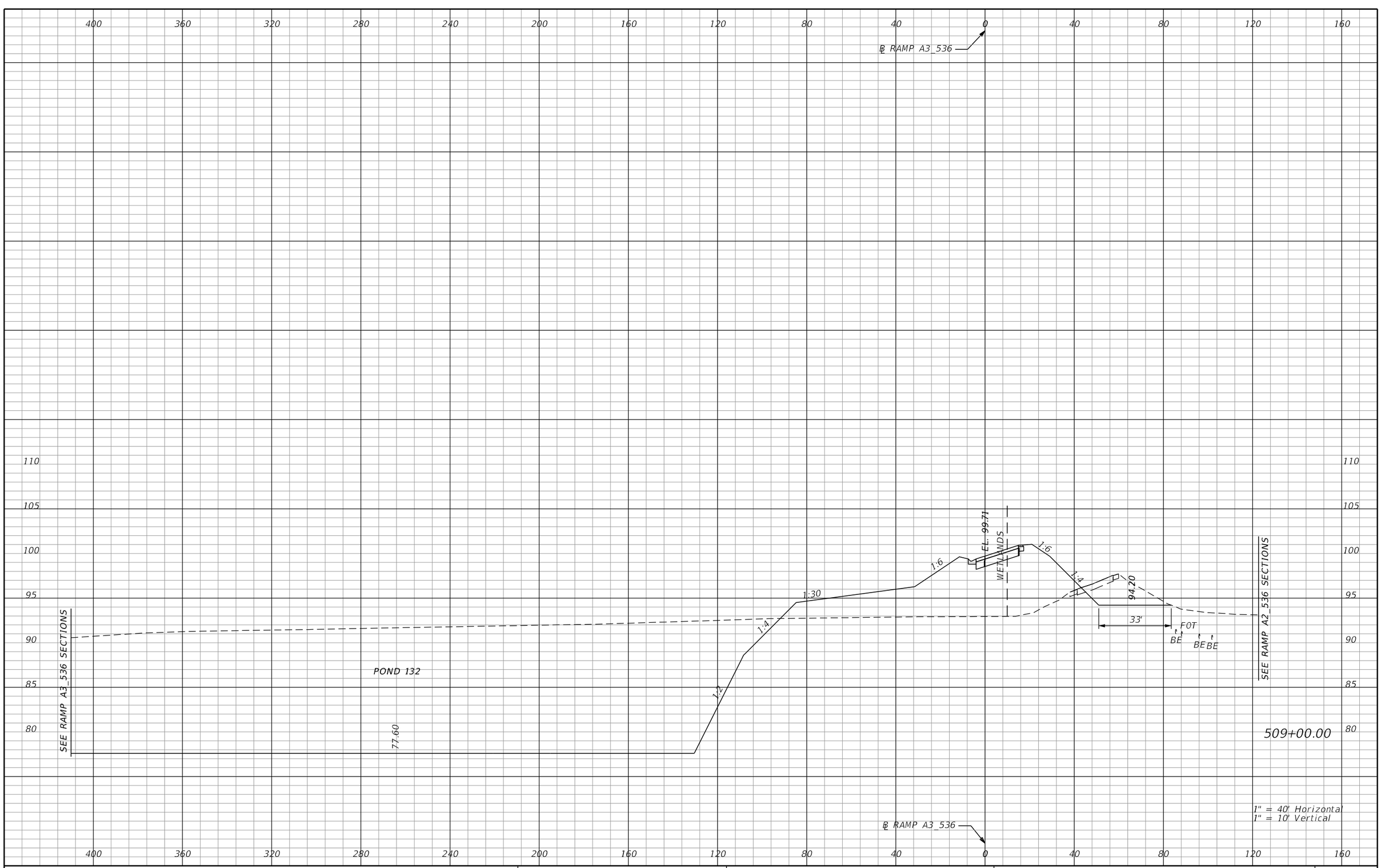

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A3_536 CROSS SECTIONS

SHEET NO. 1018

PRELIMINARY: NOT FOR CONSTRUCTION

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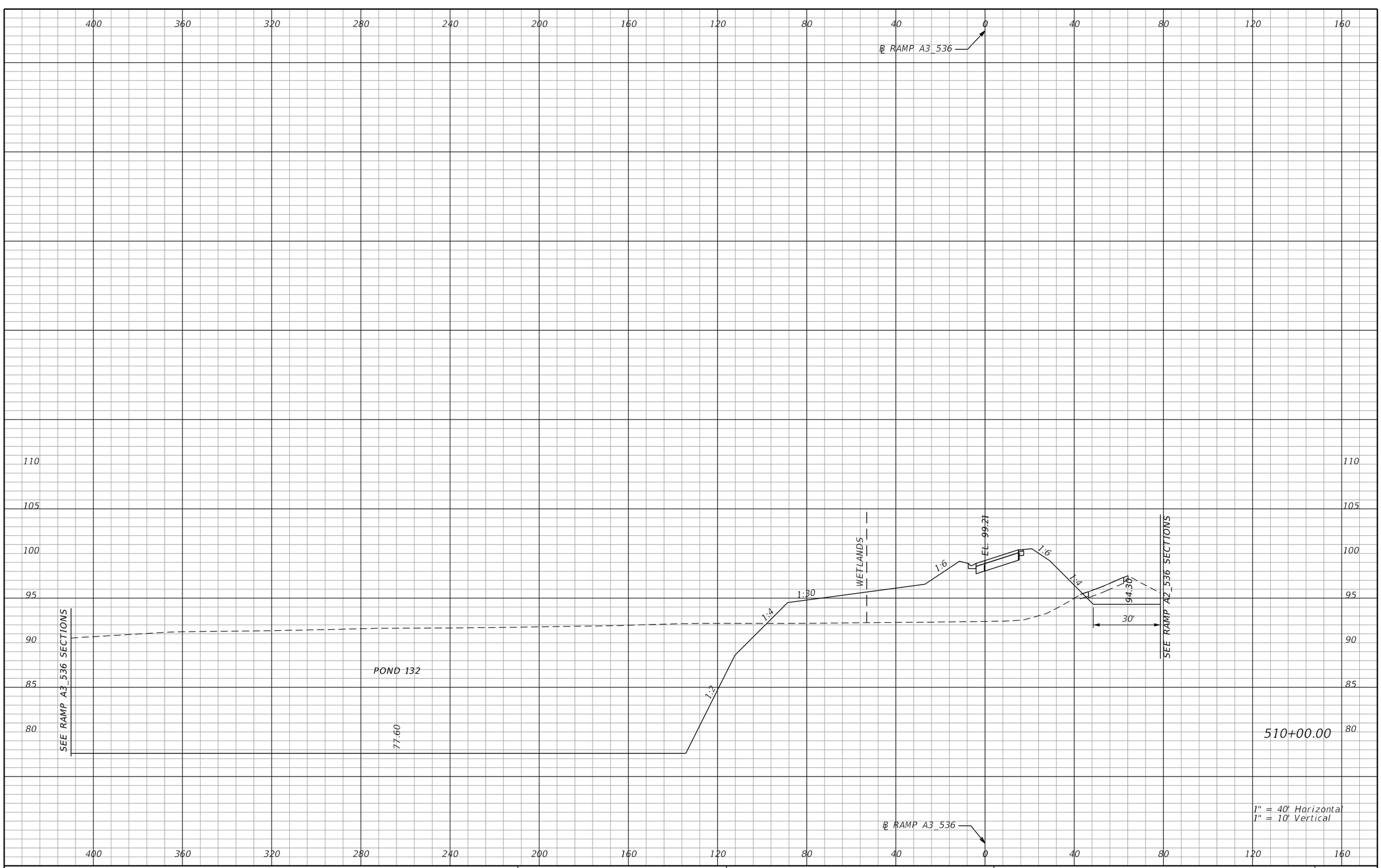

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SHEET NO. 1019

PRELIMINARY: NOT FOR CONSTRUCTION

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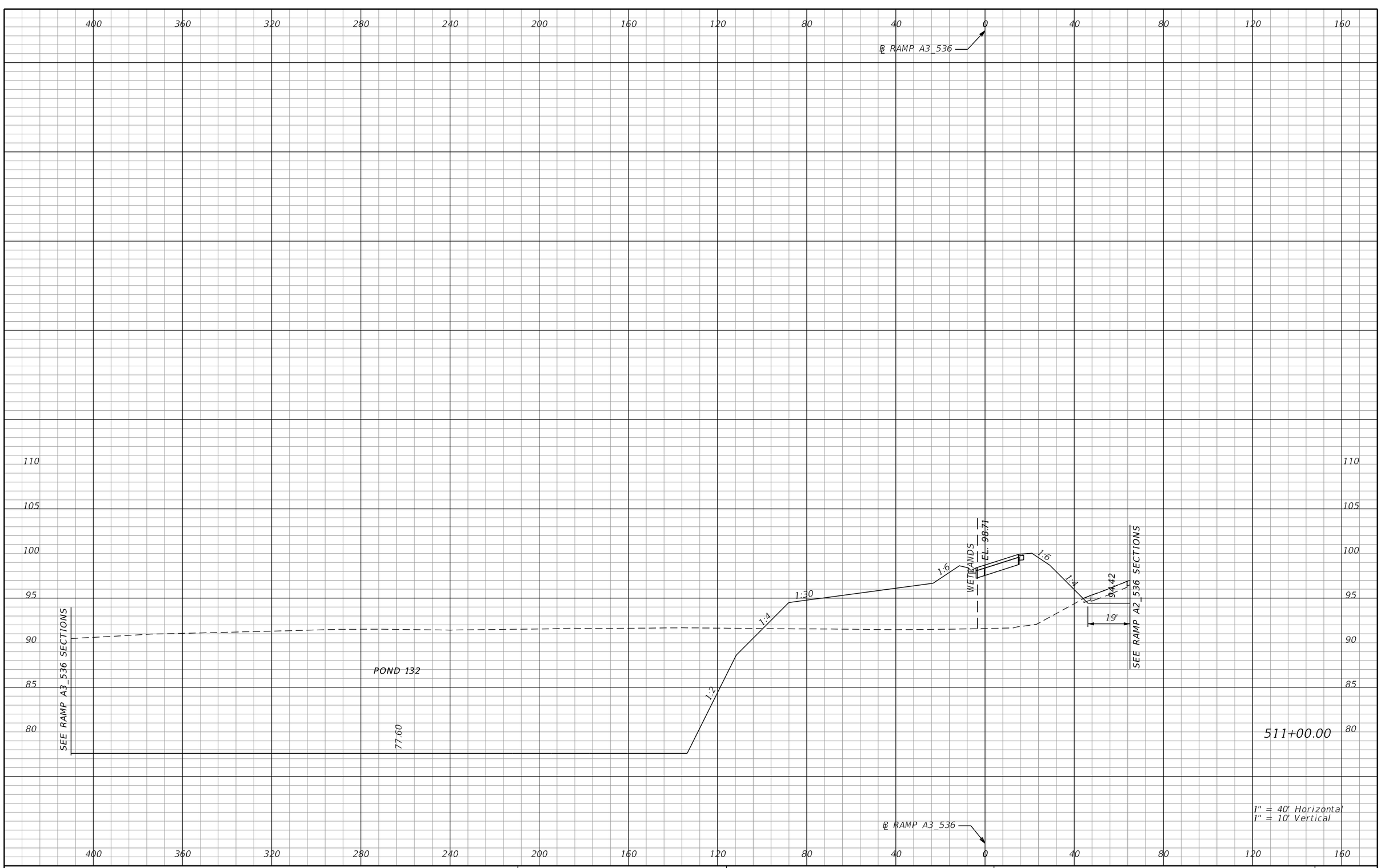

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SR 400	ORANGE	242484-8-52-01

RAMP A3_536 CROSS SECTIONS

SHEET NO. 1020

PRELIMINARY: NOT FOR CONSTRUCTION

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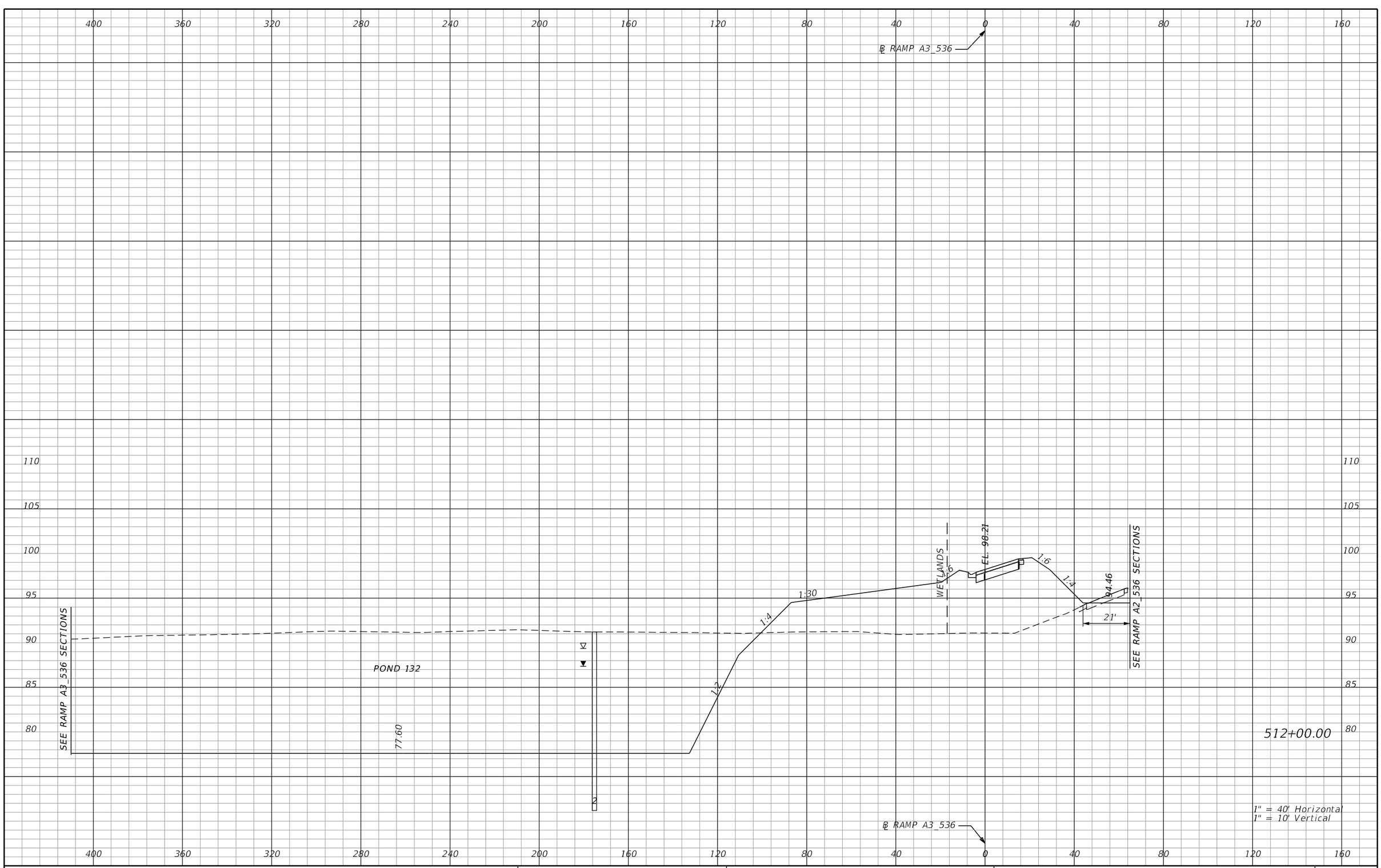

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RAMP A3_536 CROSS SECTIONS

SHEET NO. 1021

PRELIMINARY: NOT FOR CONSTRUCTION

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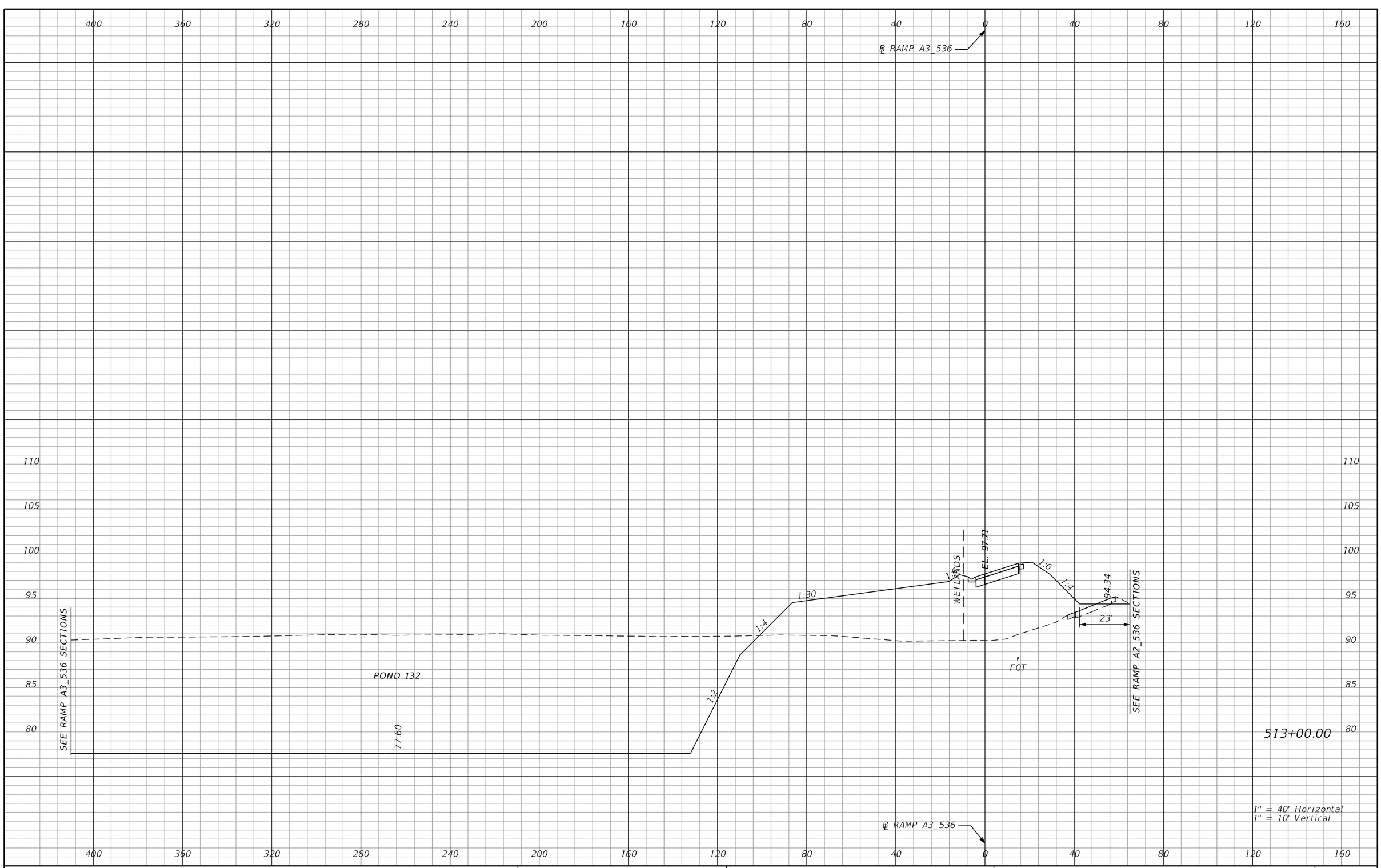

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SR 400	ORANGE	242484-8-52-01

RAMP A3_536 CROSS SECTIONS

SHEET NO. 1022

PRELIMINARY: NOT FOR CONSTRUCTION

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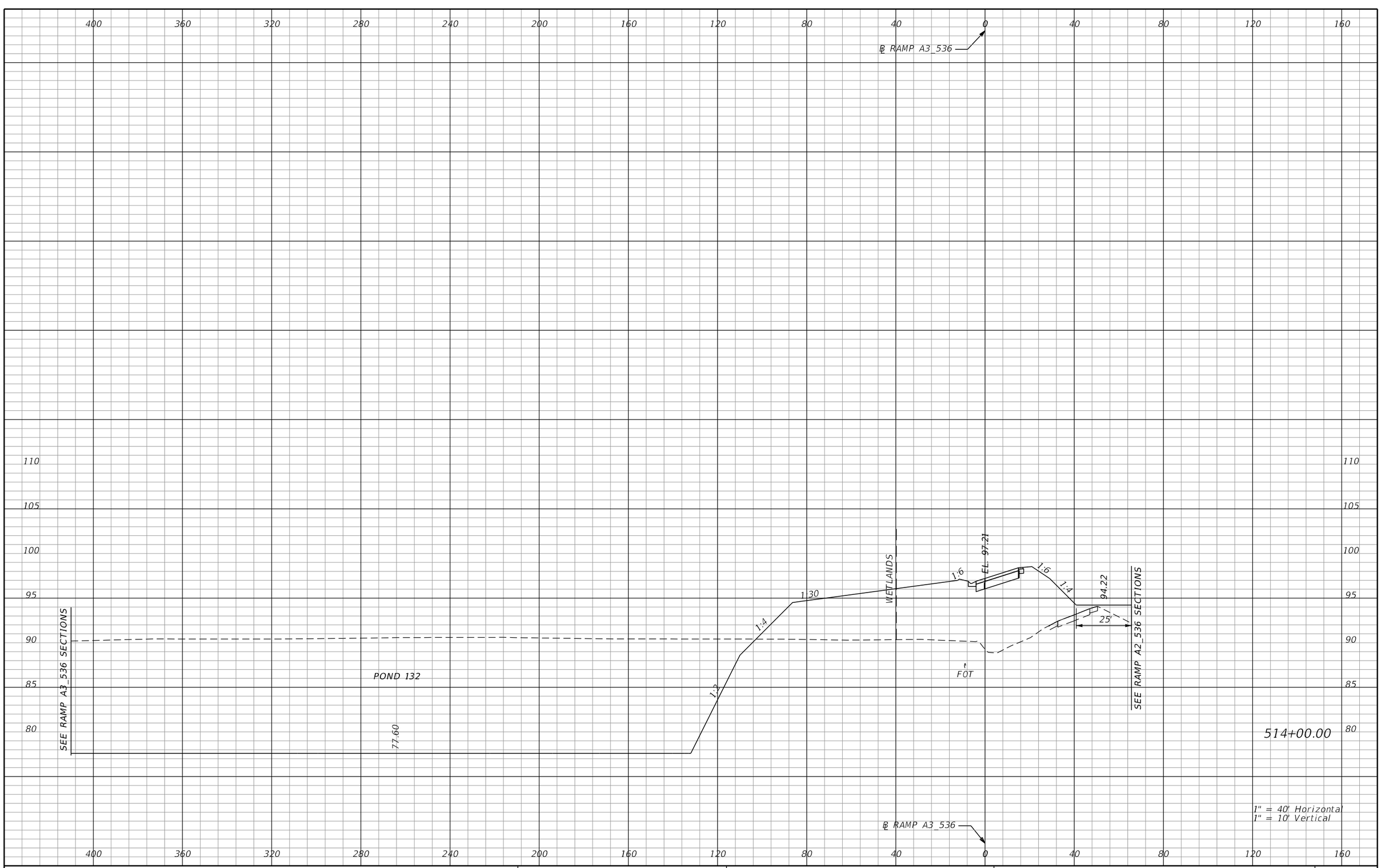

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RAMP A3_536 CROSS SECTIONS

SHEET NO. 1023

PRELIMINARY: NOT FOR CONSTRUCTION

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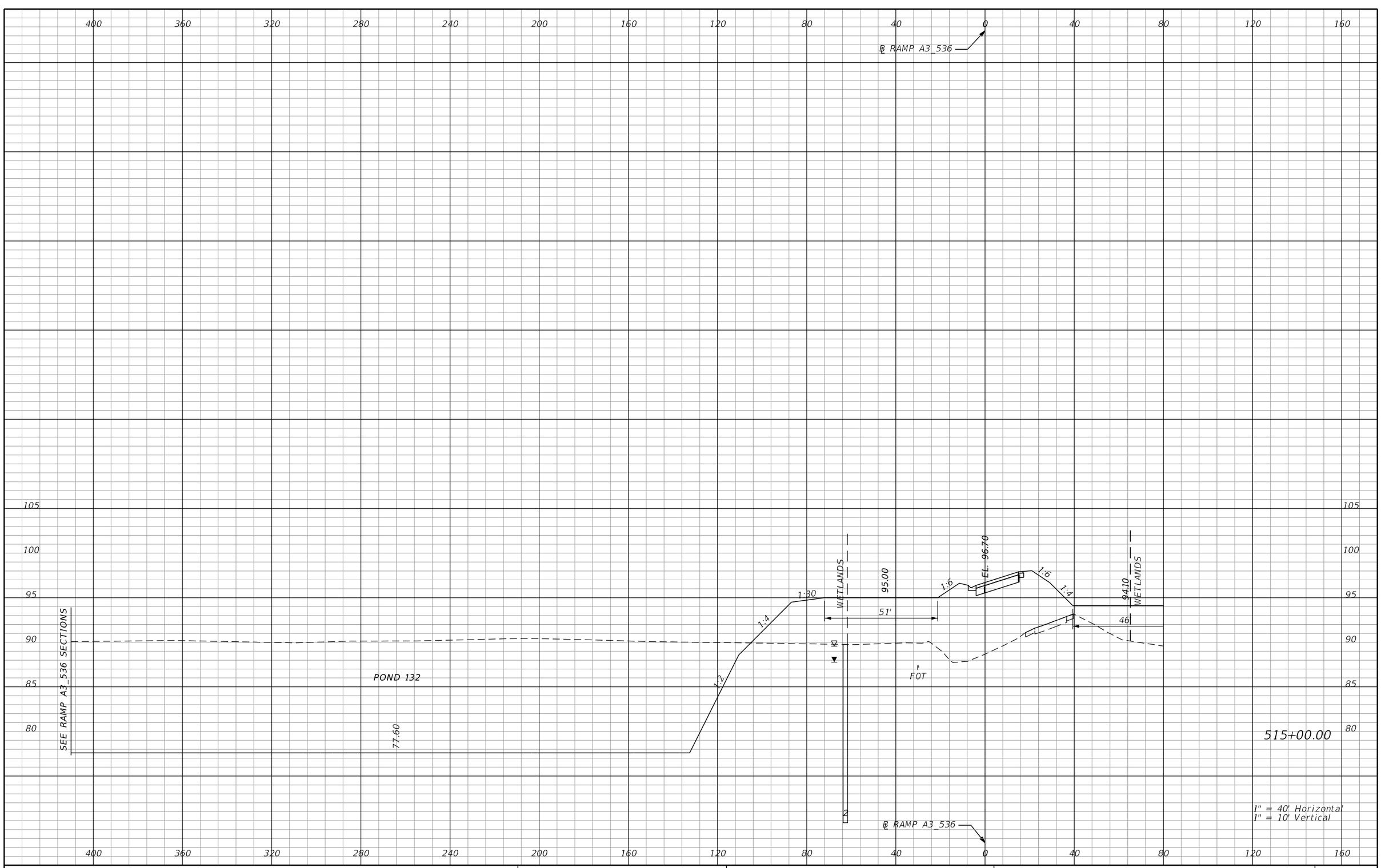

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SR 400	ORANGE	242484-8-52-01

RAMP A3_536 CROSS SECTIONS

SHEET NO. 1024

PRELIMINARY: NOT FOR CONSTRUCTION

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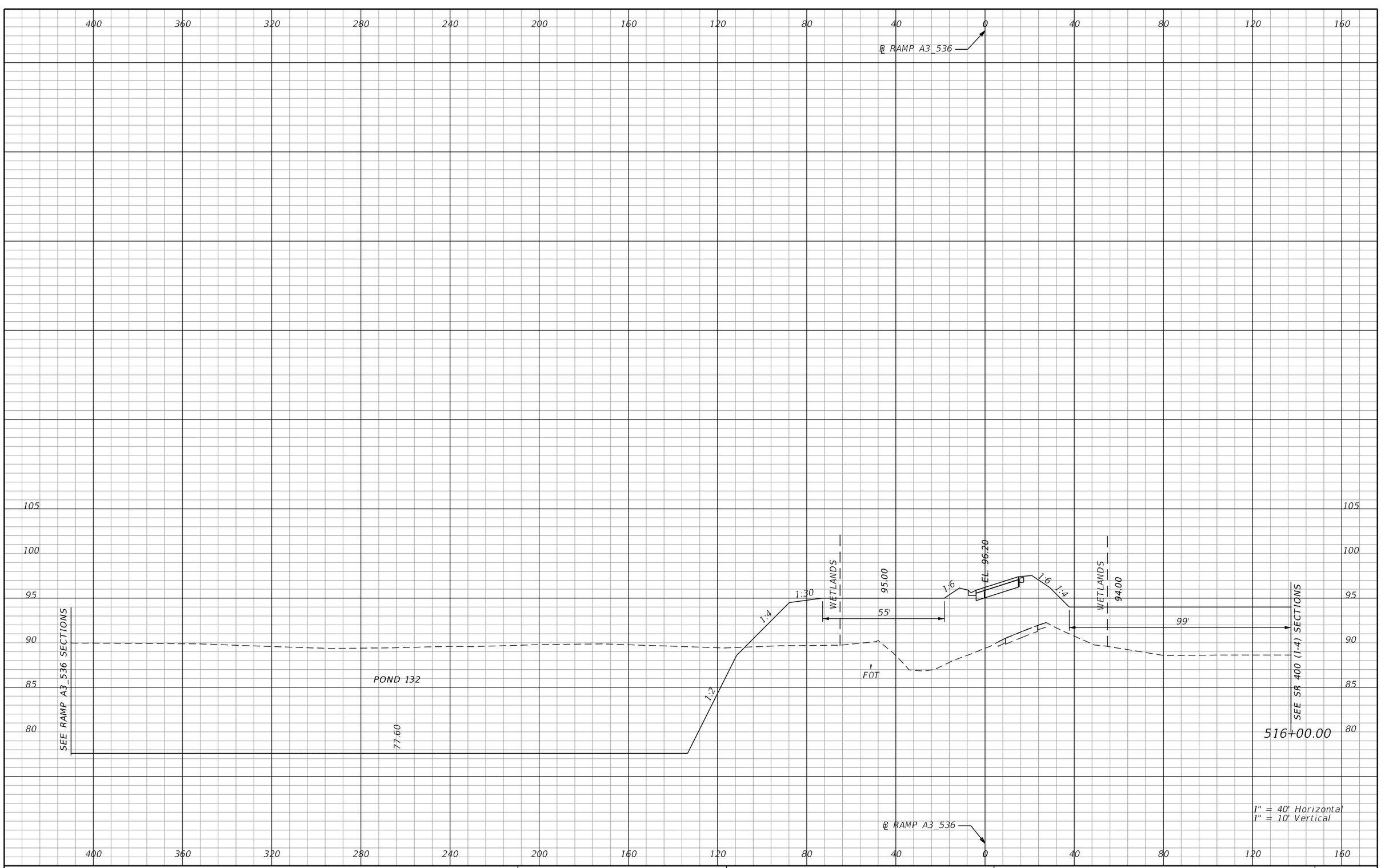

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SR 400	ORANGE	242484-8-52-01

RAMP A3_536 CROSS SECTIONS

SHEET NO. 1025

PRELIMINARY: NOT FOR CONSTRUCTION

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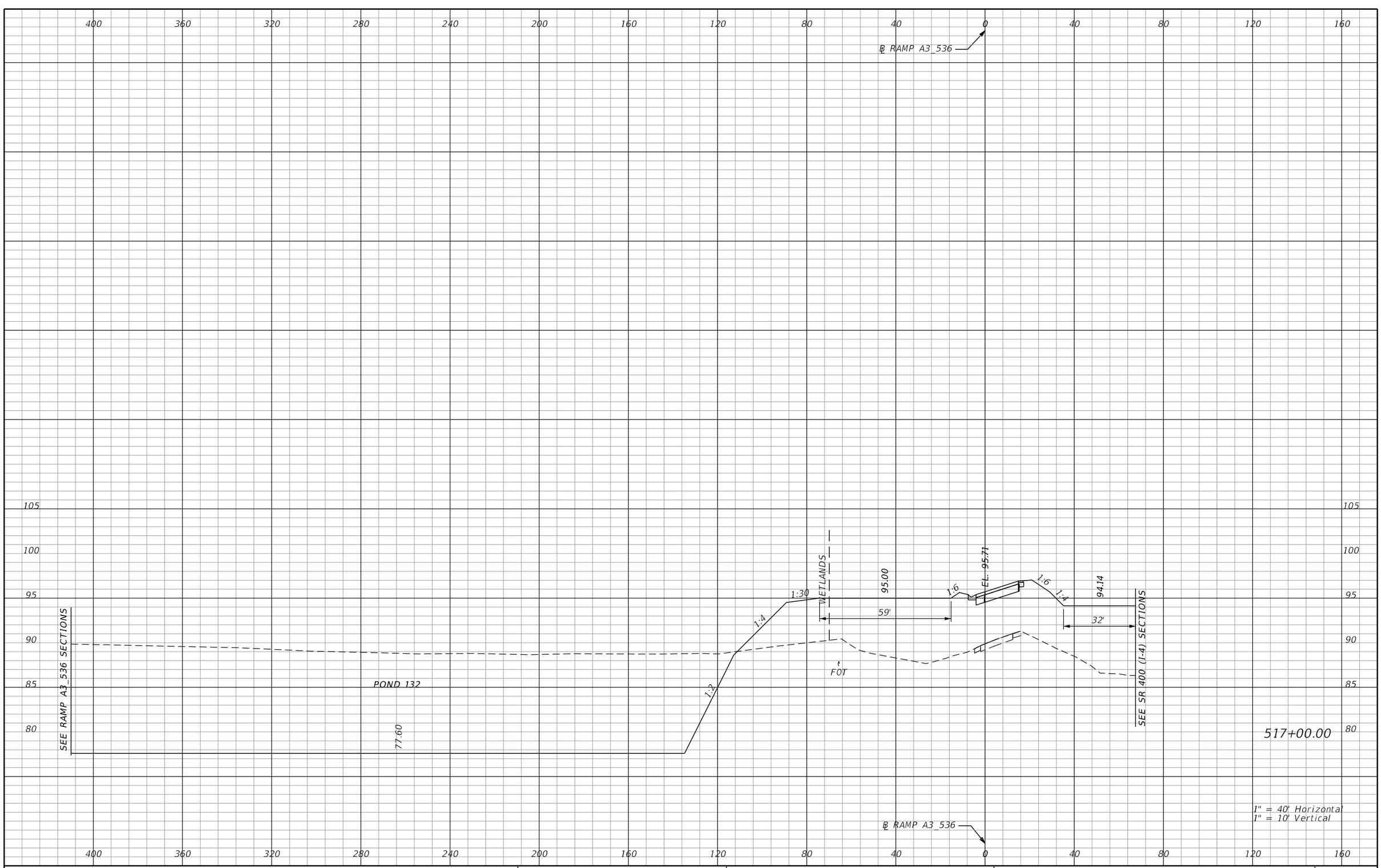

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A3_536 CROSS SECTIONS

SHEET NO. 1026

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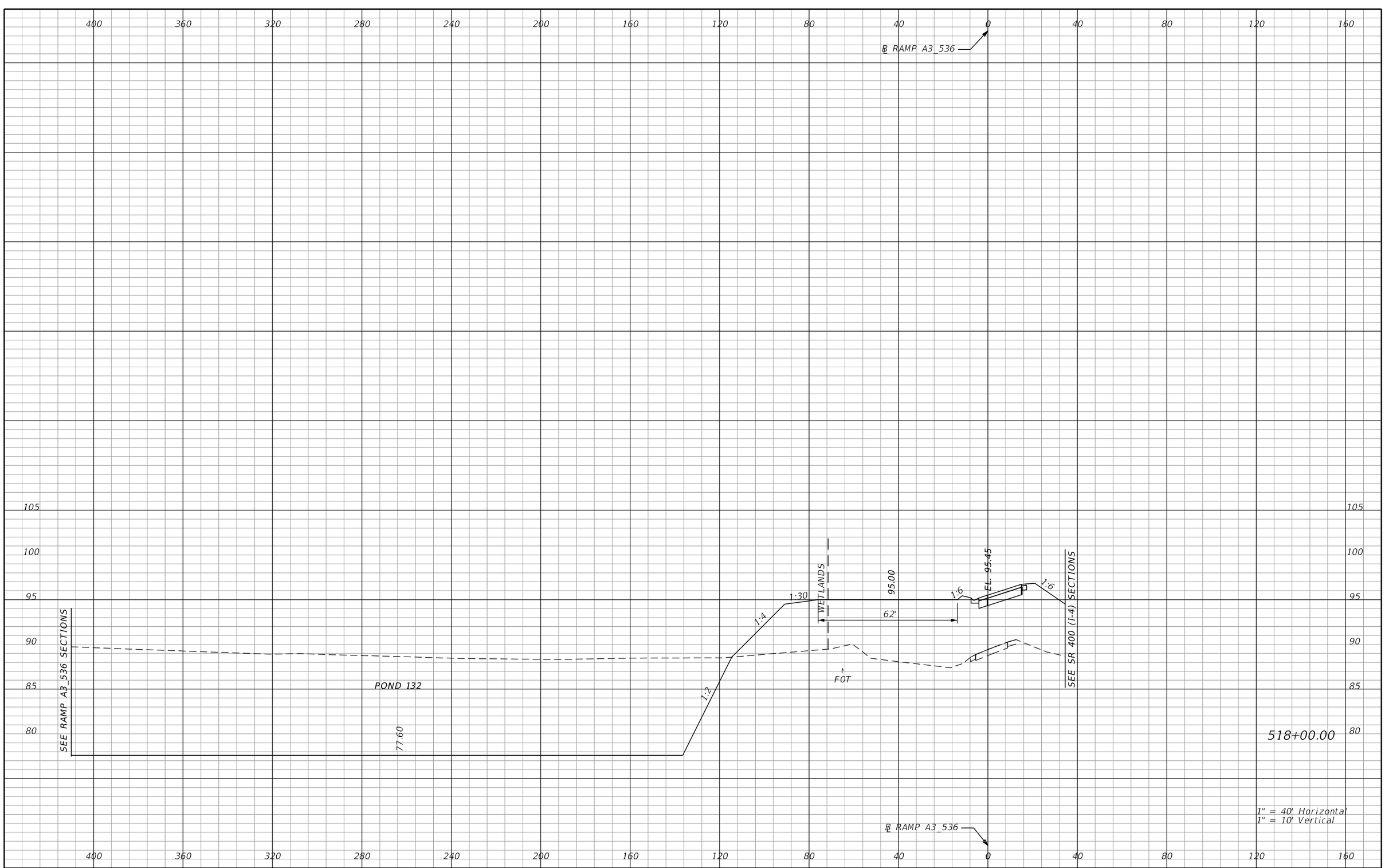

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP A3_536 CROSS SECTIONS

SHEET NO. 1027

PRELIMINARY: NOT FOR CONSTRUCTION

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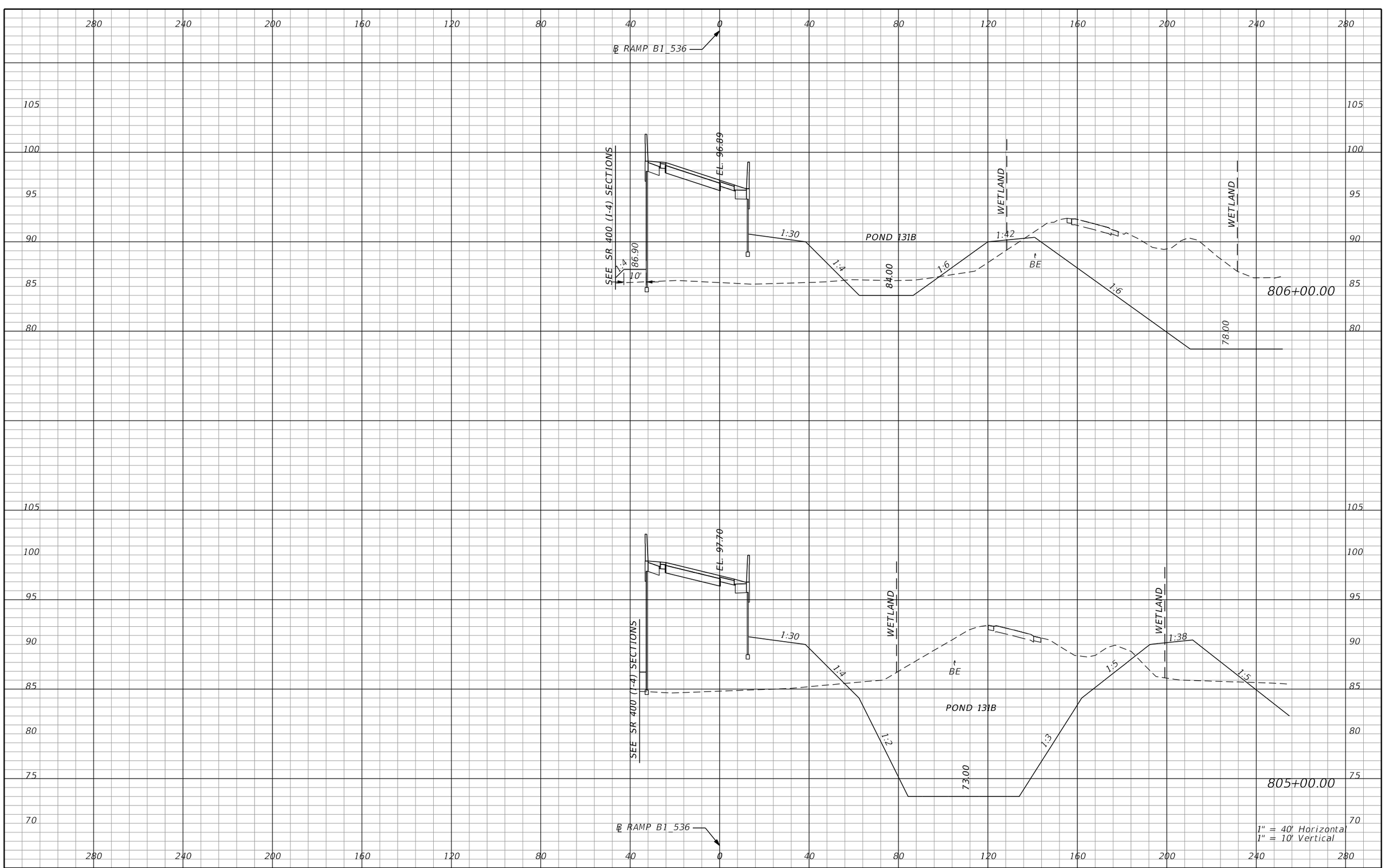

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SR 400	ORANGE	242484-8-52-01

RAMP B1_536
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SHEET NO. 1028

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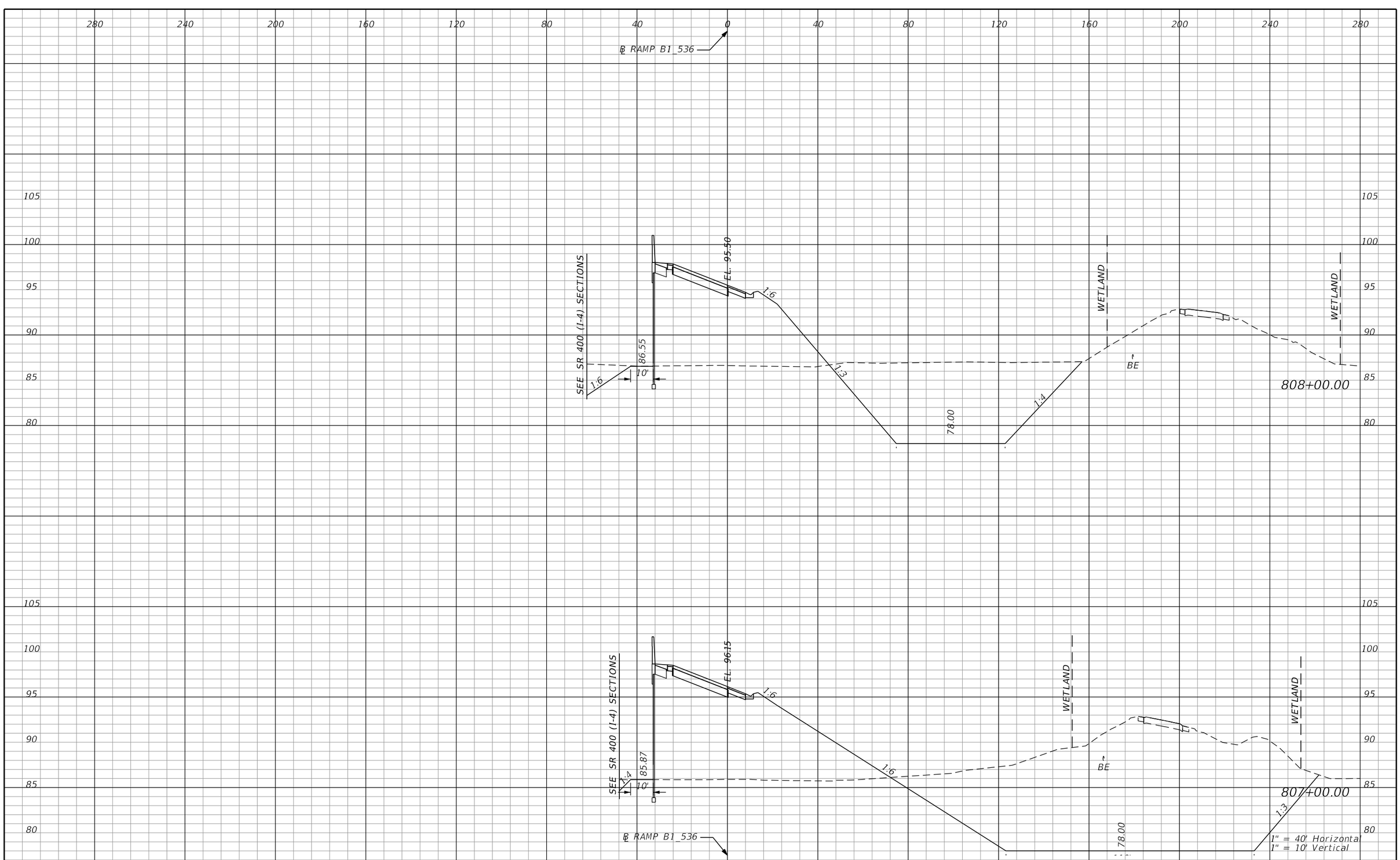

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DATE	DESCRIPTION	DATE	DESCRIPTION

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150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_536
CROSS SECTIONS

SHEET NO. 1029

PRELIMINARY: NOT FOR CONSTRUCTION

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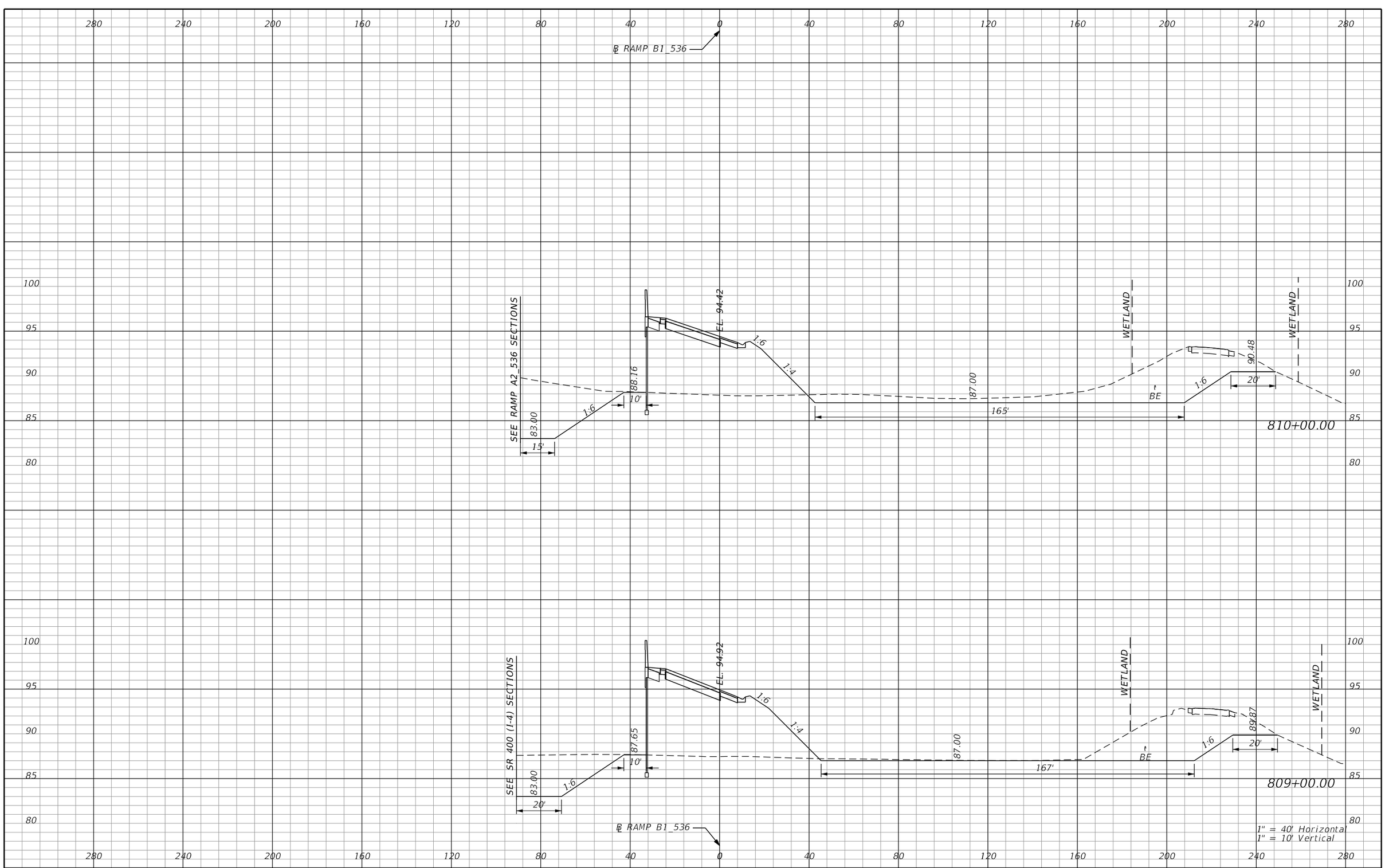

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_536 CROSS SECTIONS

SHEET NO. 1030

PRELIMINARY: NOT FOR CONSTRUCTION

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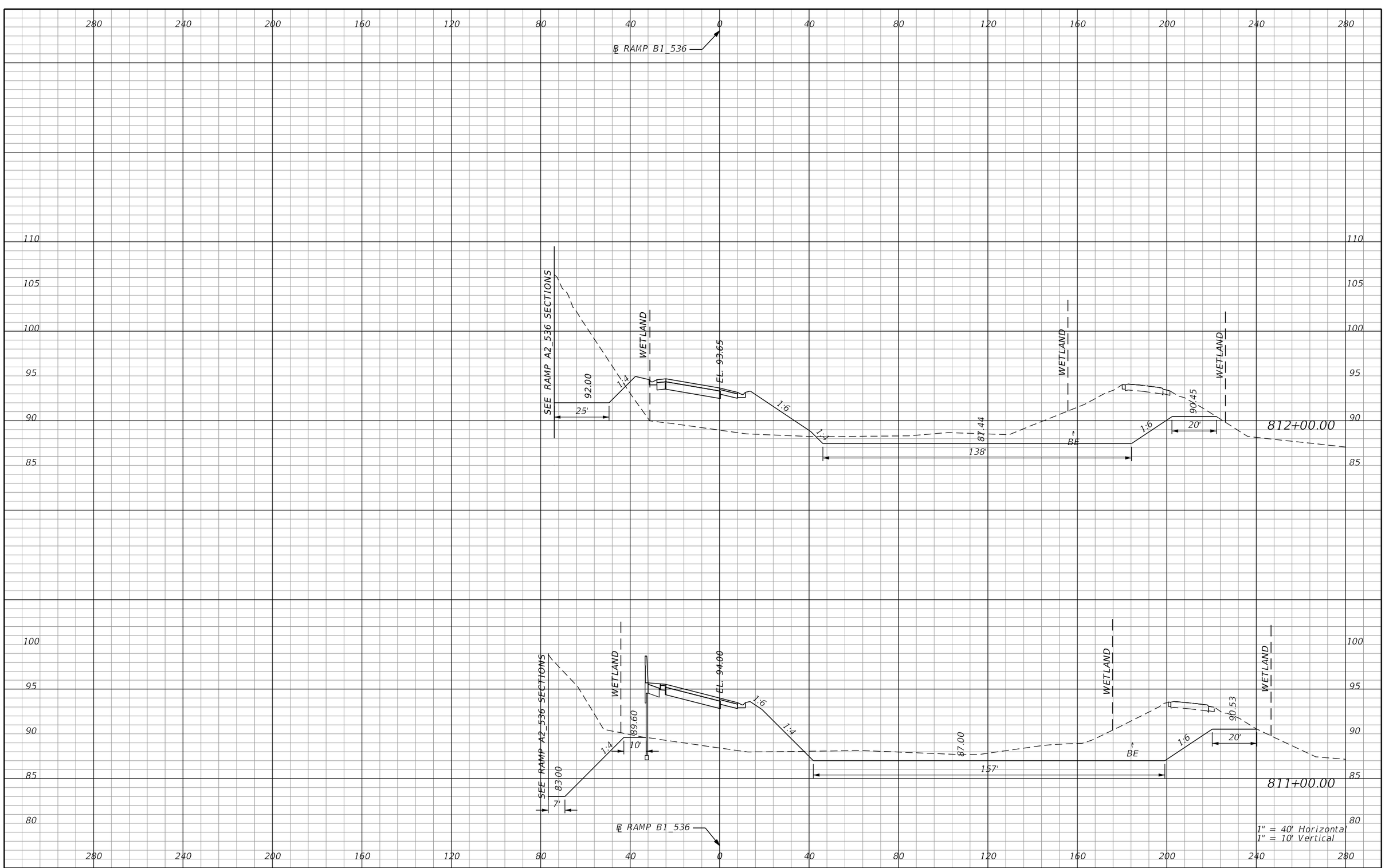

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_536 CROSS SECTIONS

SHEET NO. 1031

PRELIMINARY: NOT FOR CONSTRUCTION

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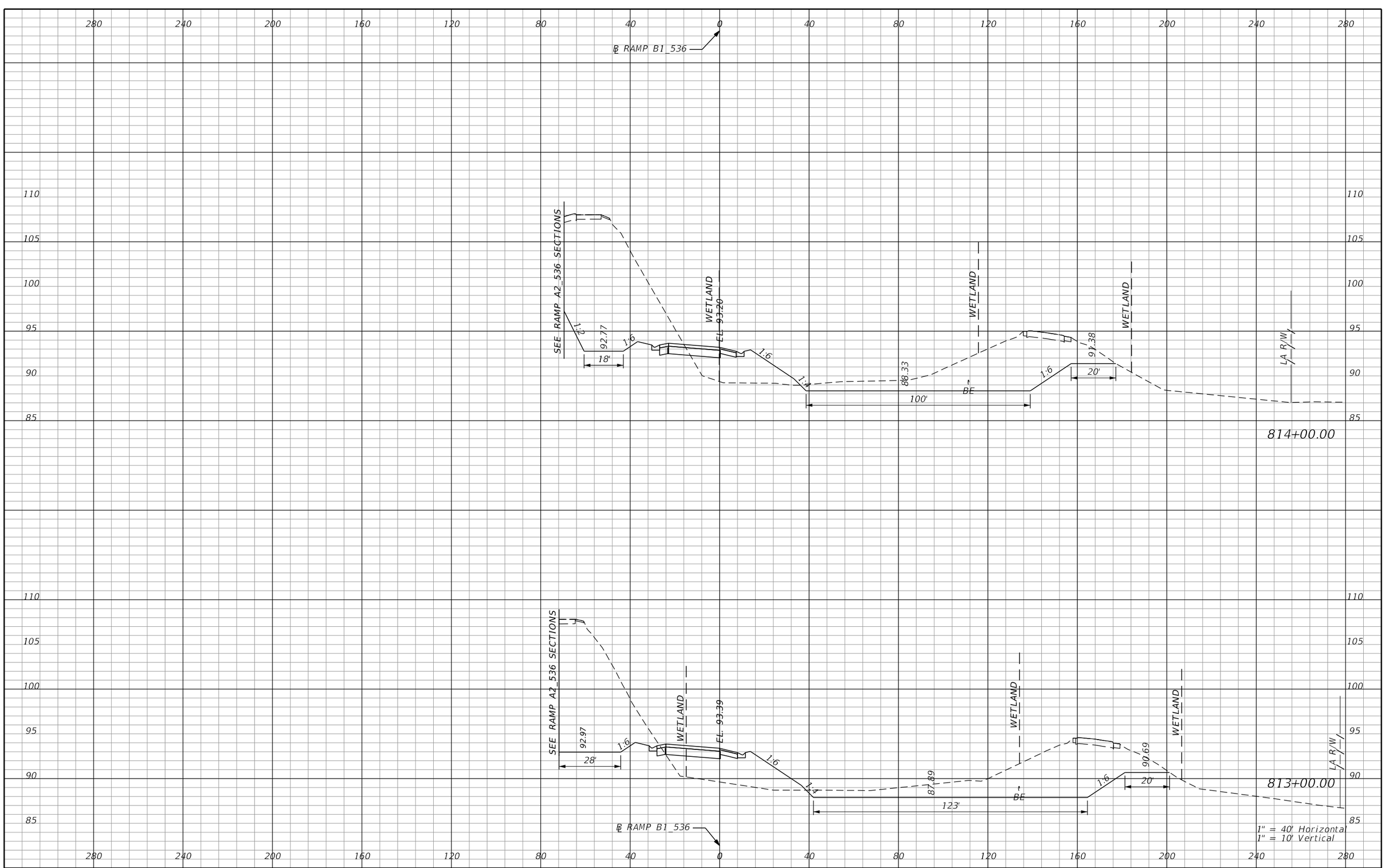

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_536 CROSS SECTIONS

SHEET NO. 1032

PRELIMINARY: NOT FOR CONSTRUCTION

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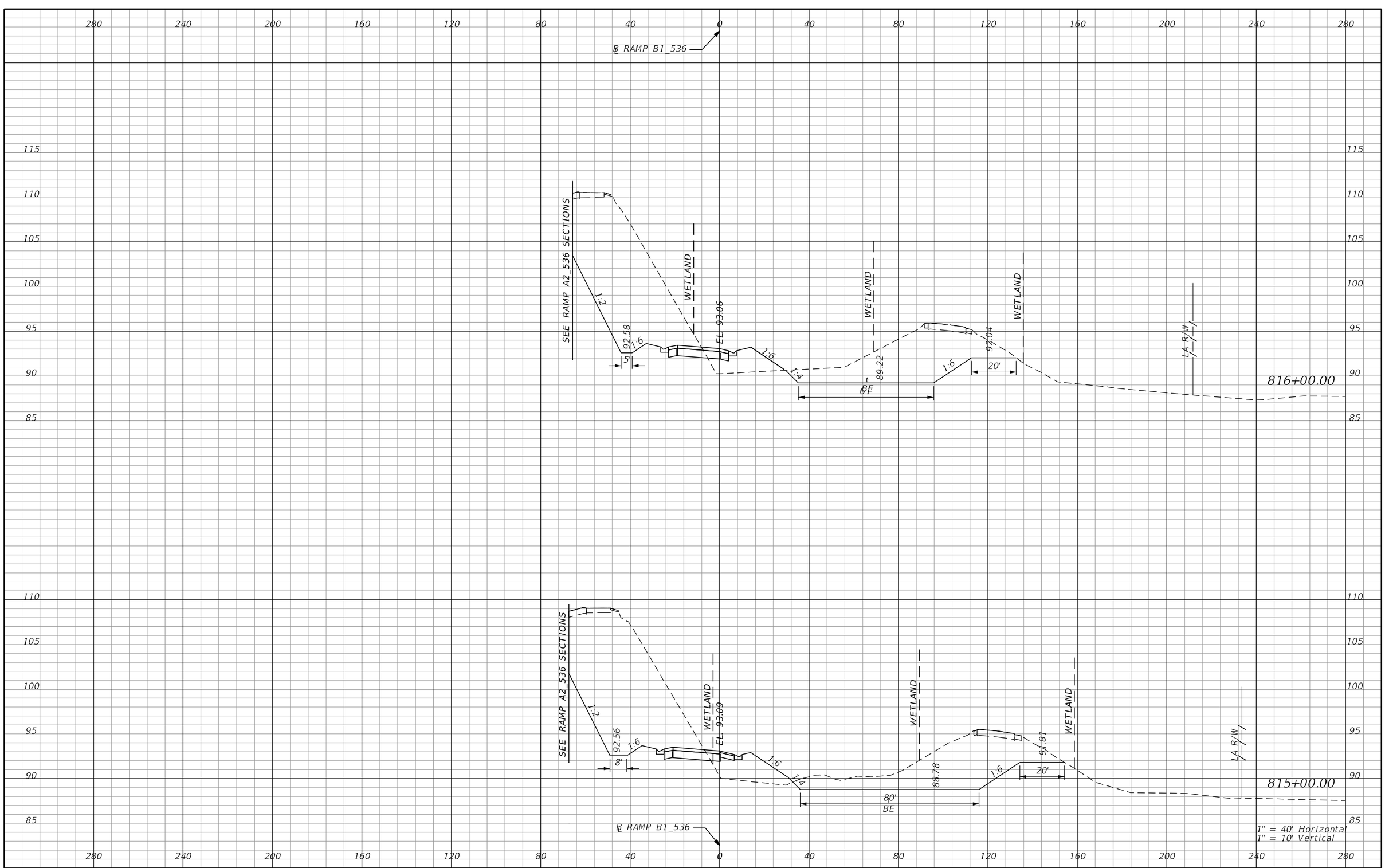

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_536
CROSS SECTIONS

SHEET NO. 1033

PRELIMINARY: NOT FOR CONSTRUCTION

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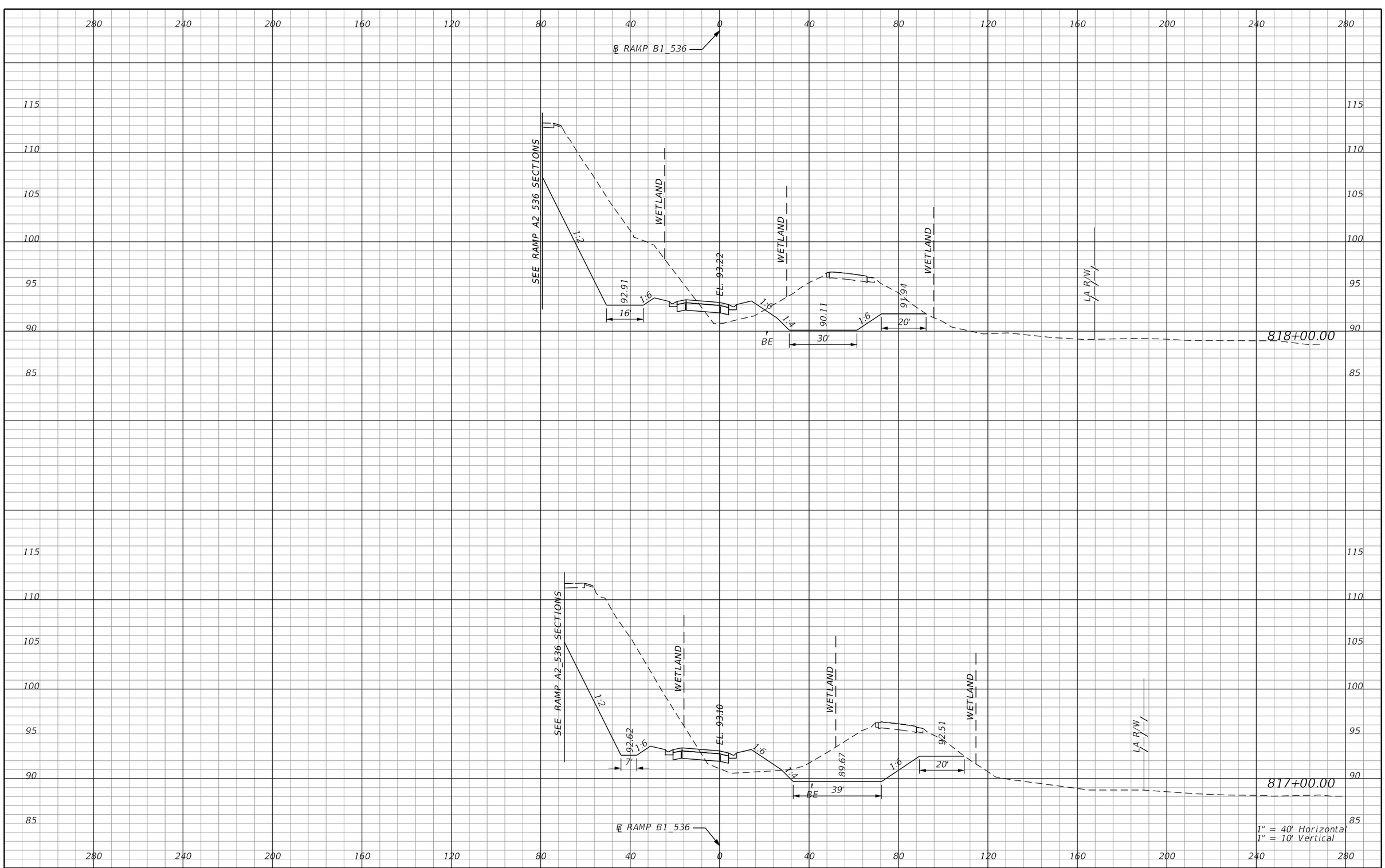

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_536 CROSS SECTIONS

SHEET NO. 1034

PRELIMINARY: NOT FOR CONSTRUCTION

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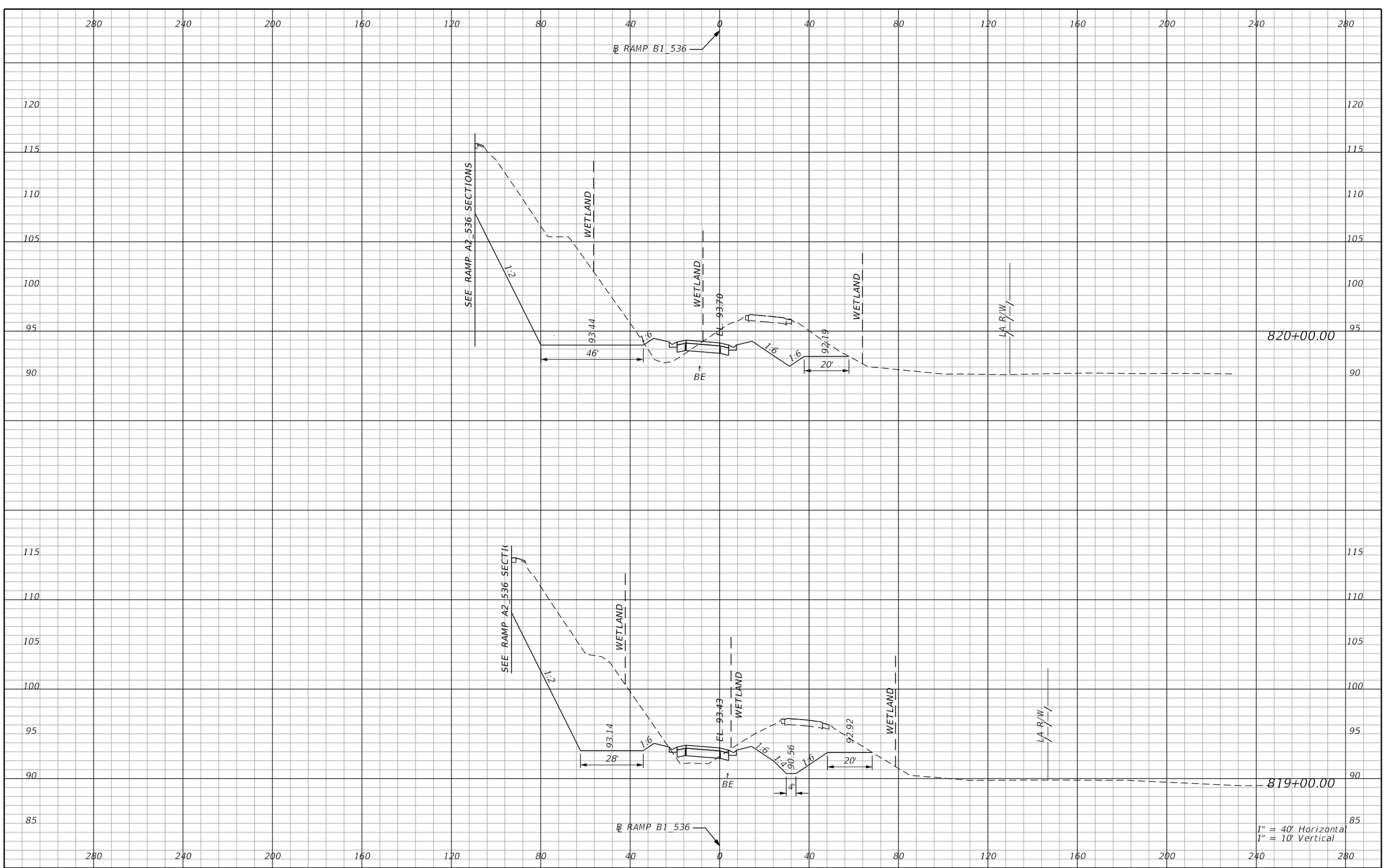

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_536 CROSS SECTIONS

SHEET NO. 1035

PRELIMINARY: NOT FOR CONSTRUCTION

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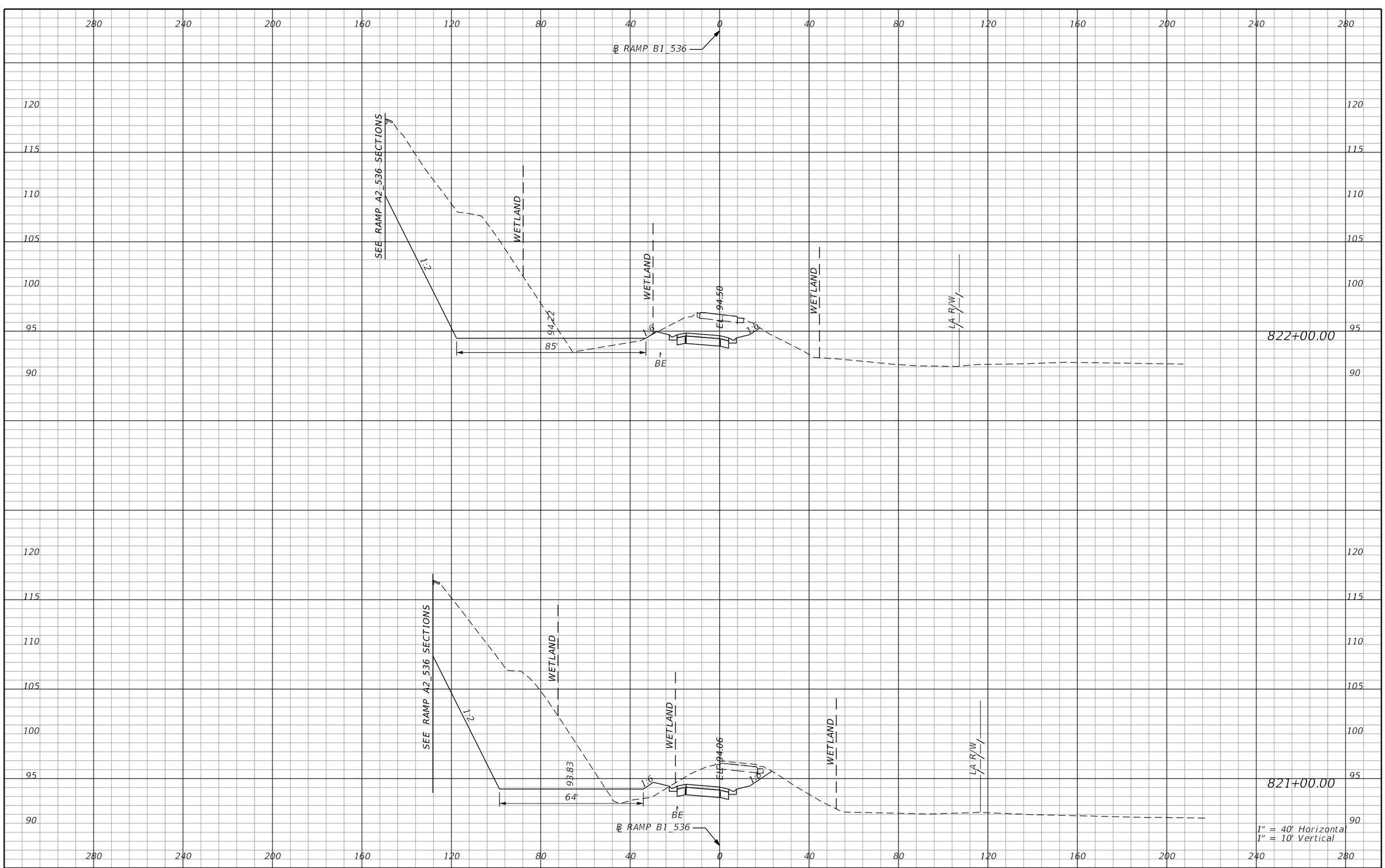

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_536 CROSS SECTIONS

SHEET NO. 1036

PRELIMINARY: NOT FOR CONSTRUCTION

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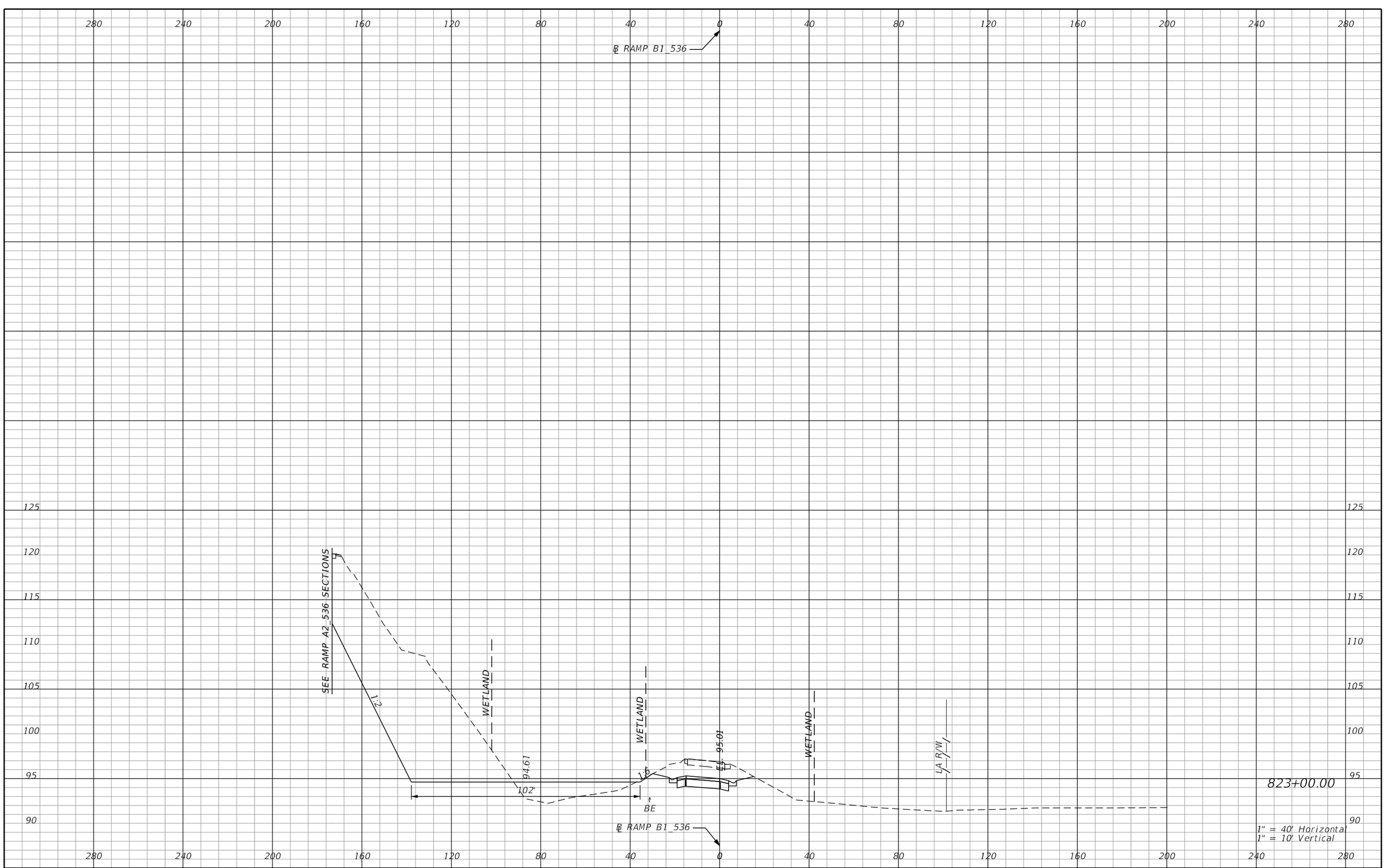

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_536 CROSS SECTIONS

SHEET NO. 1037

PRELIMINARY: NOT FOR CONSTRUCTION

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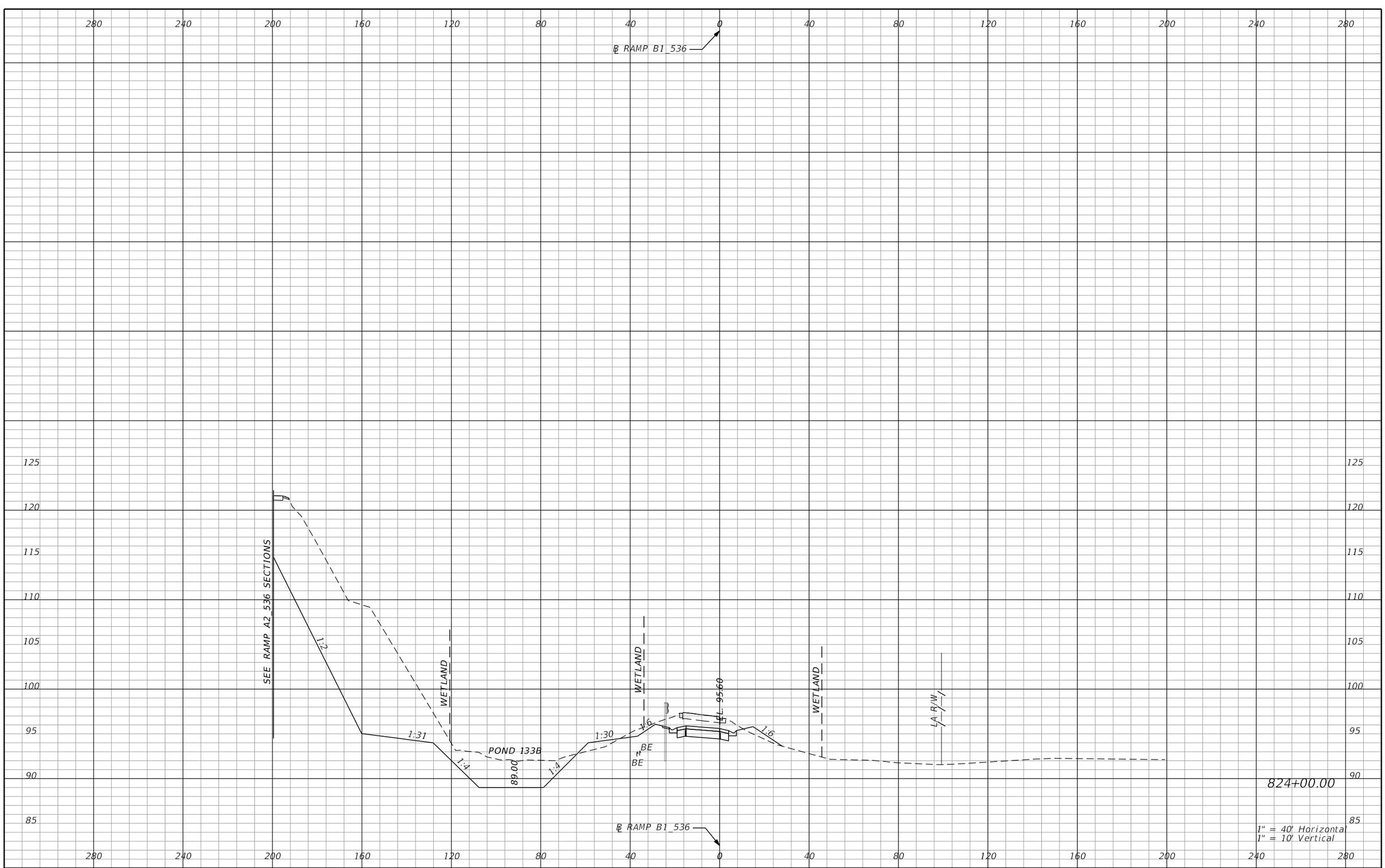

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_536 CROSS SECTIONS

SHEET NO. 1038

PRELIMINARY: NOT FOR CONSTRUCTION

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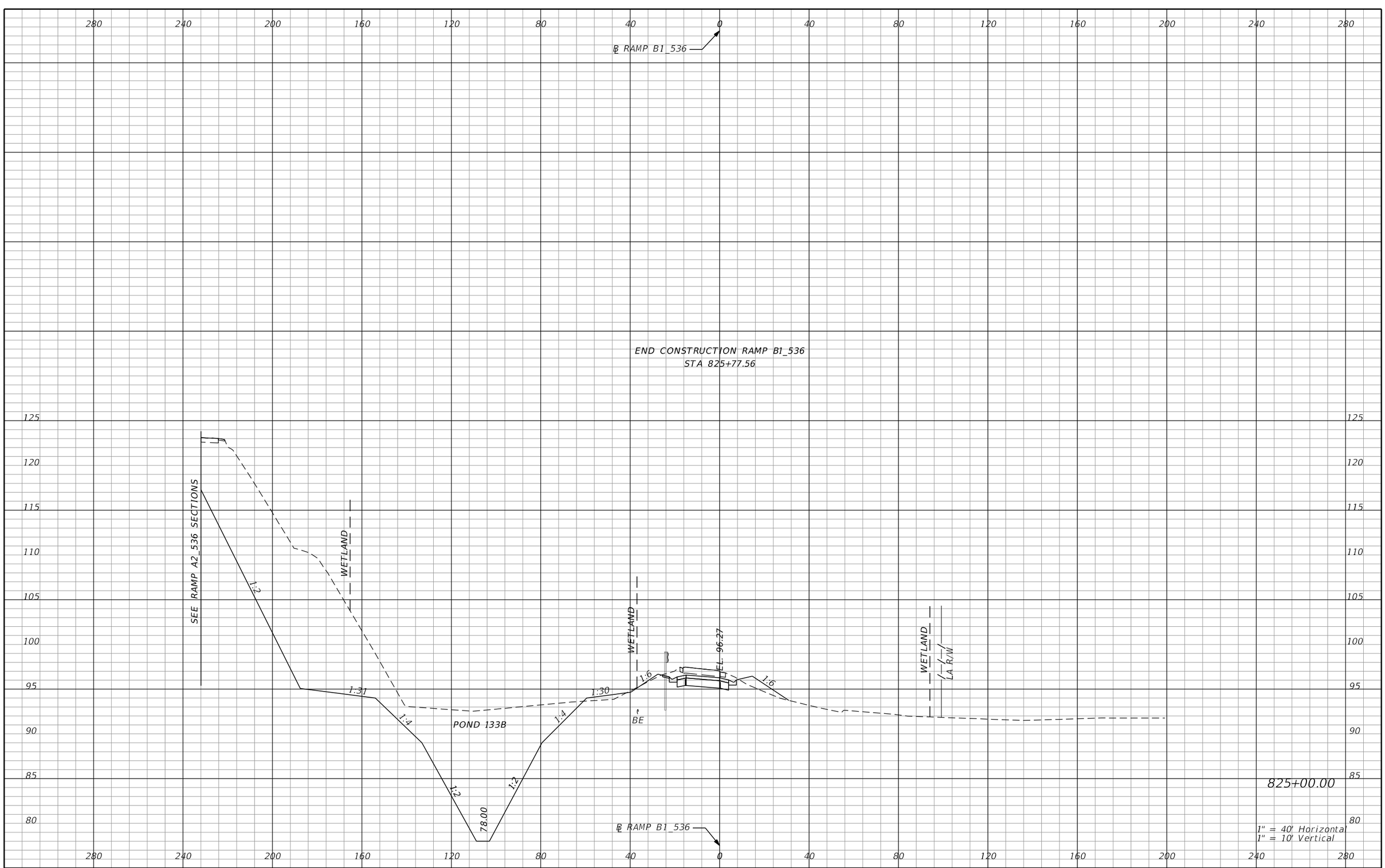

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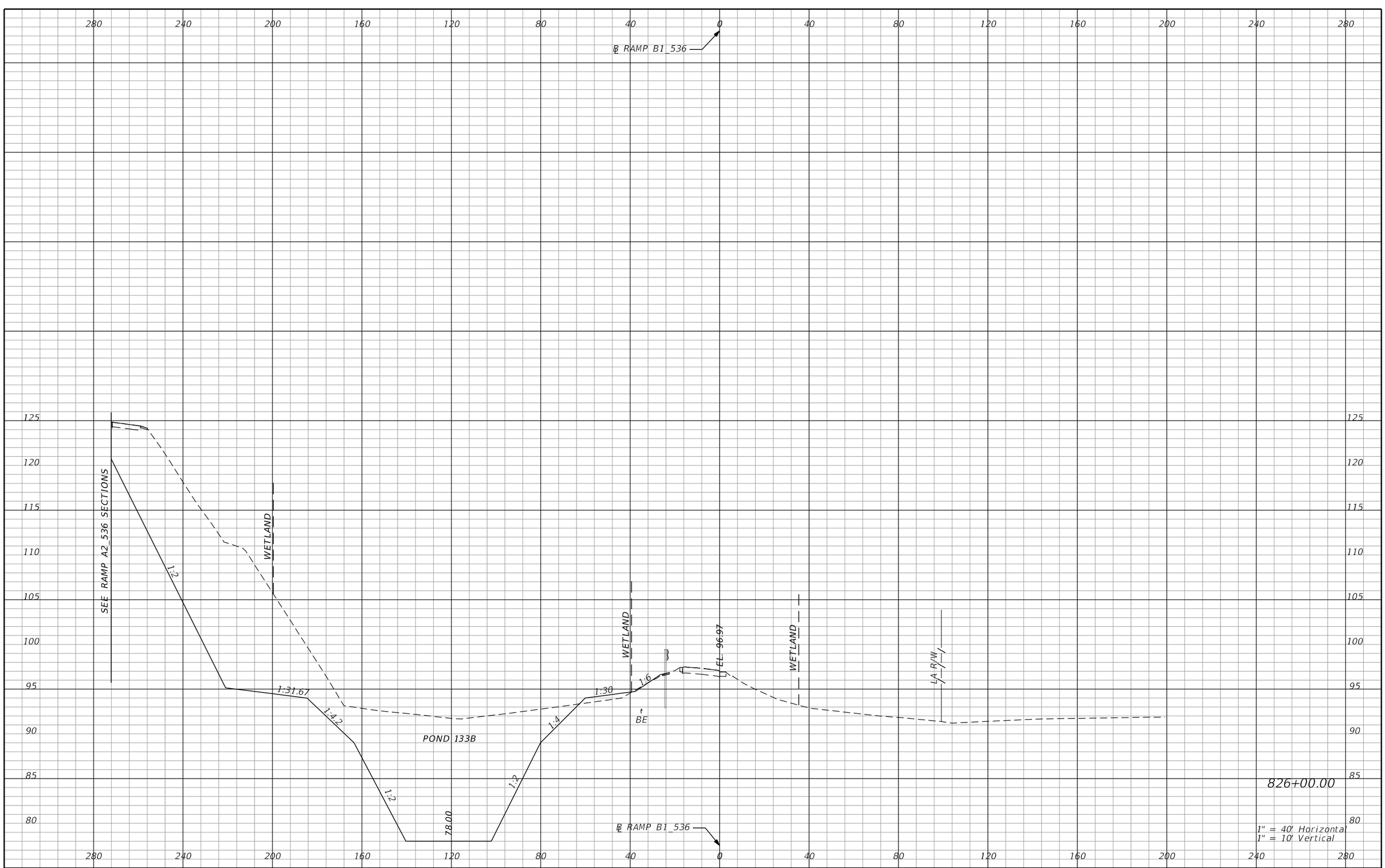
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_536 CROSS SECTIONS

SHEET NO. 1039

PRELIMINARY: NOT FOR CONSTRUCTION



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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_536 CROSS SECTIONS

SHEET NO. 1040

PRELIMINARY: NOT FOR CONSTRUCTION

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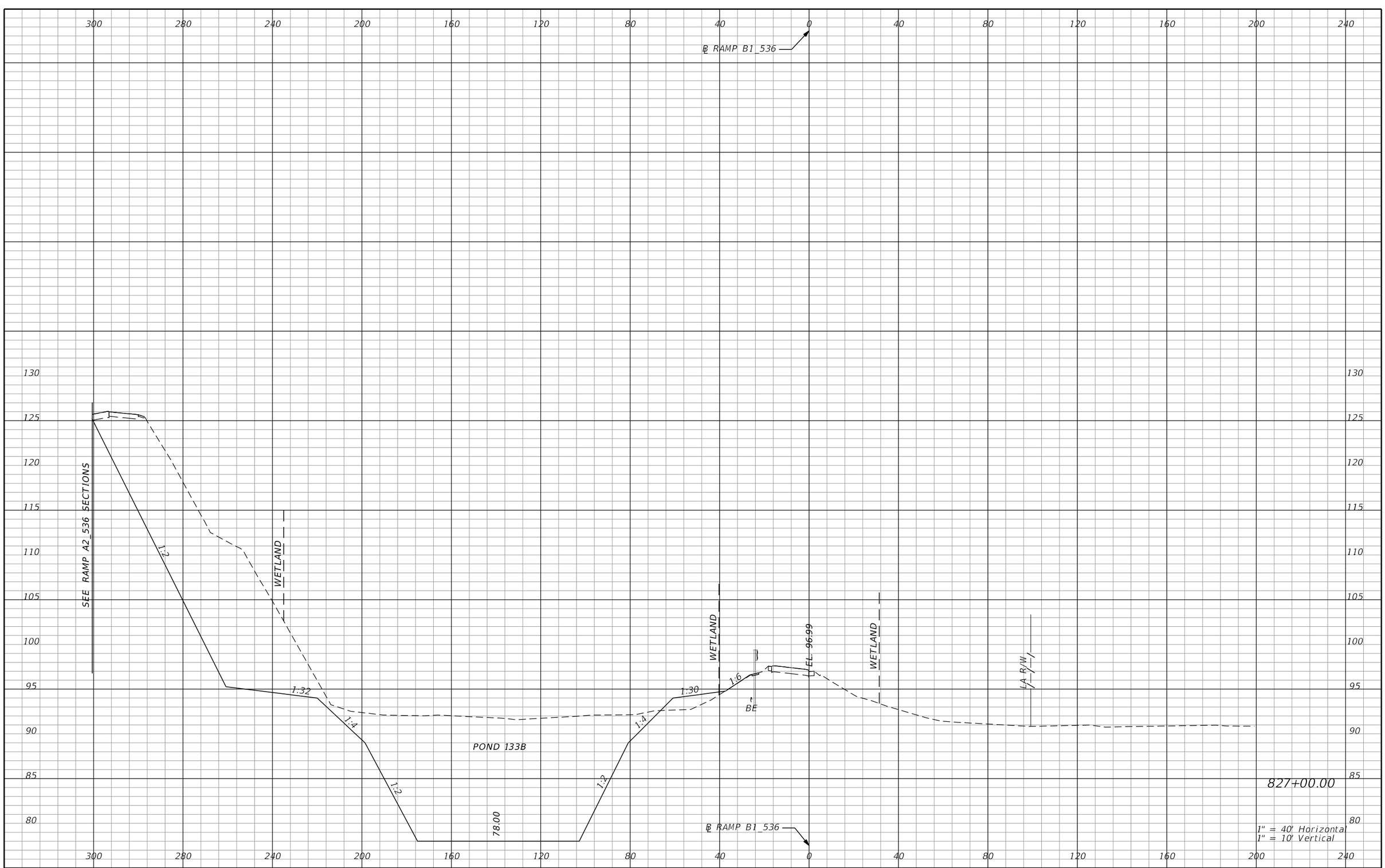

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_536 CROSS SECTIONS

SHEET NO. 1041

PRELIMINARY: NOT FOR CONSTRUCTION

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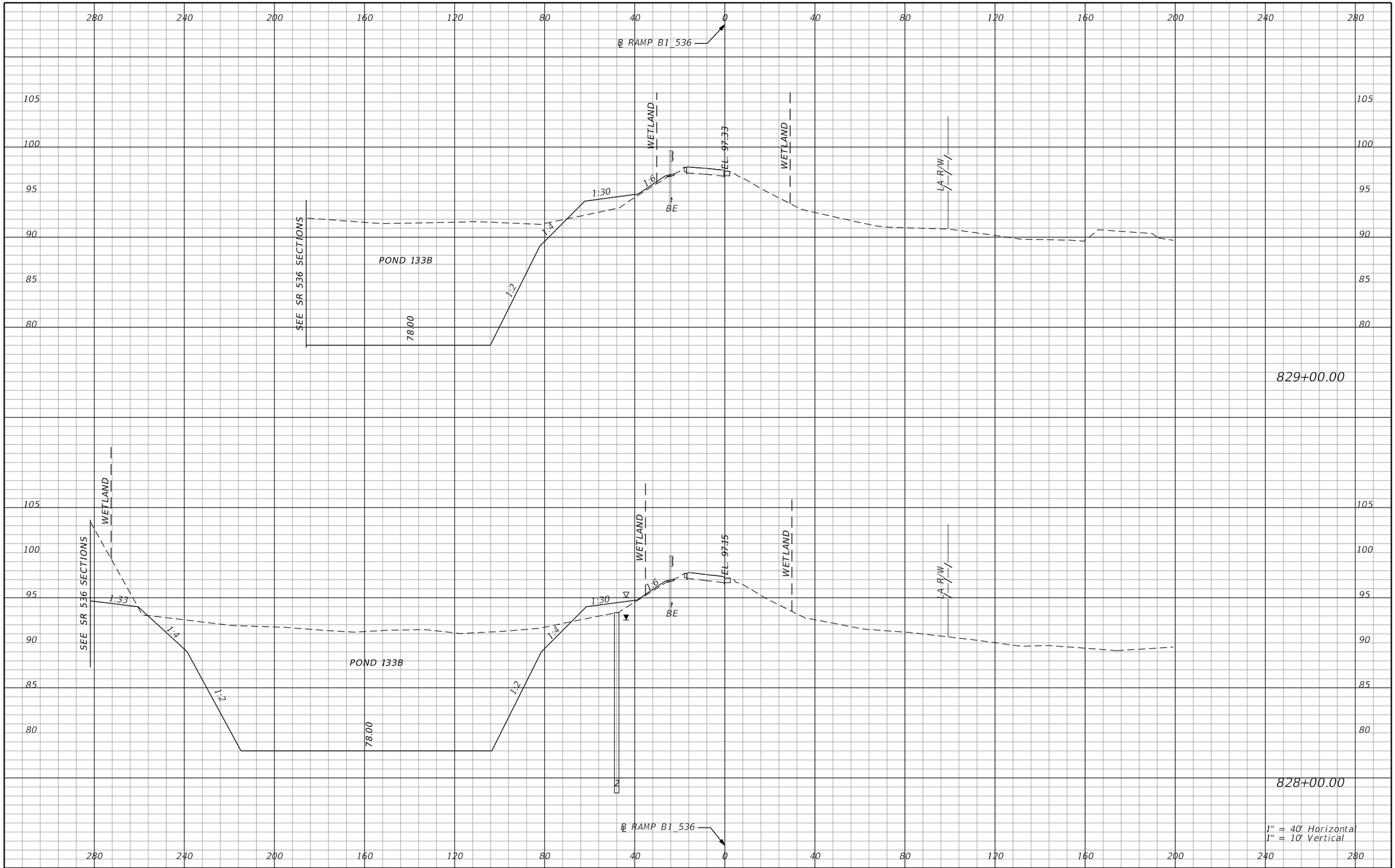

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_536
CROSS SECTIONS

SHEET NO. 1042

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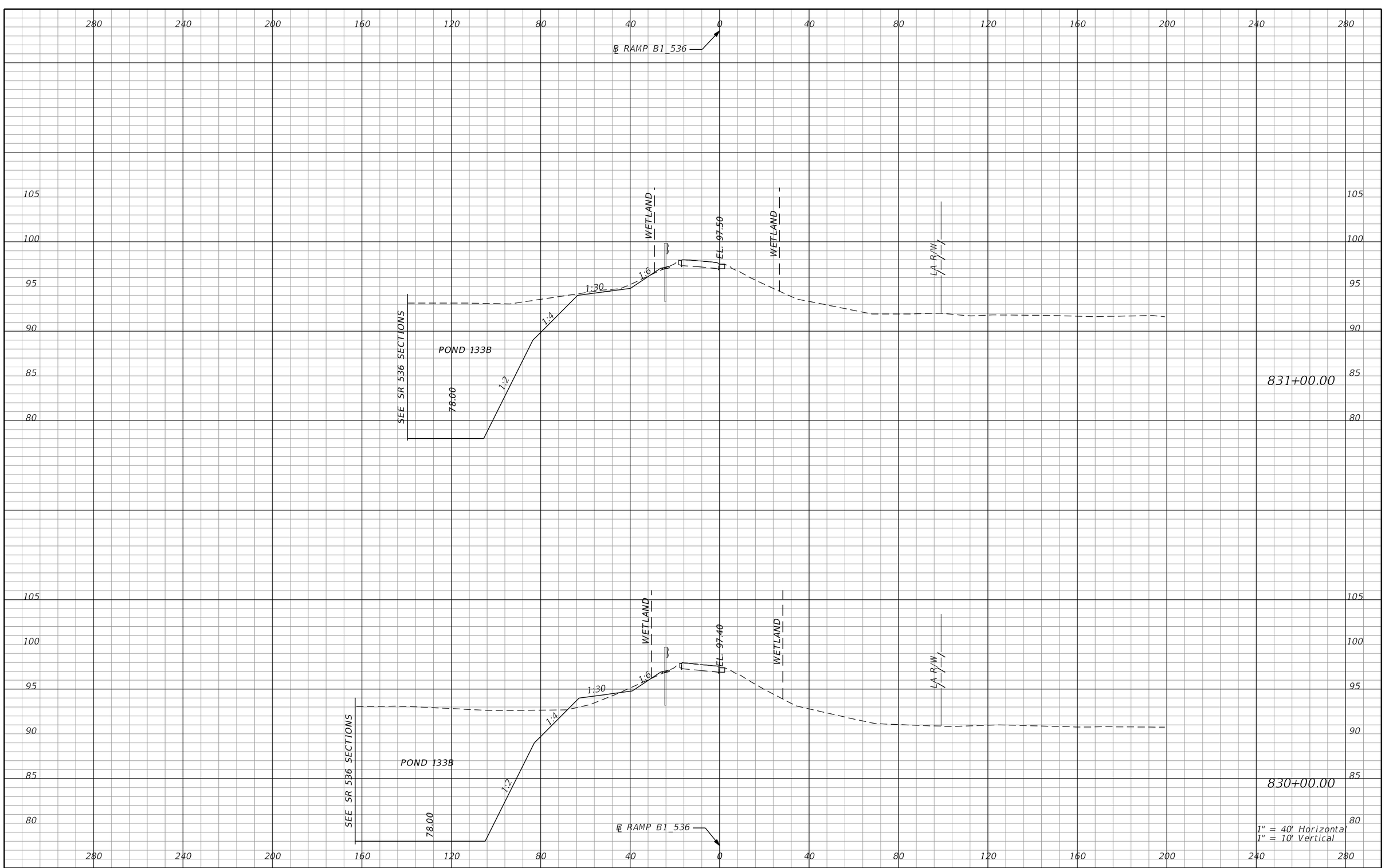

REVISIONS

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_536
CROSS SECTIONS

SHEET NO. 1043

PRELIMINARY: NOT FOR CONSTRUCTION

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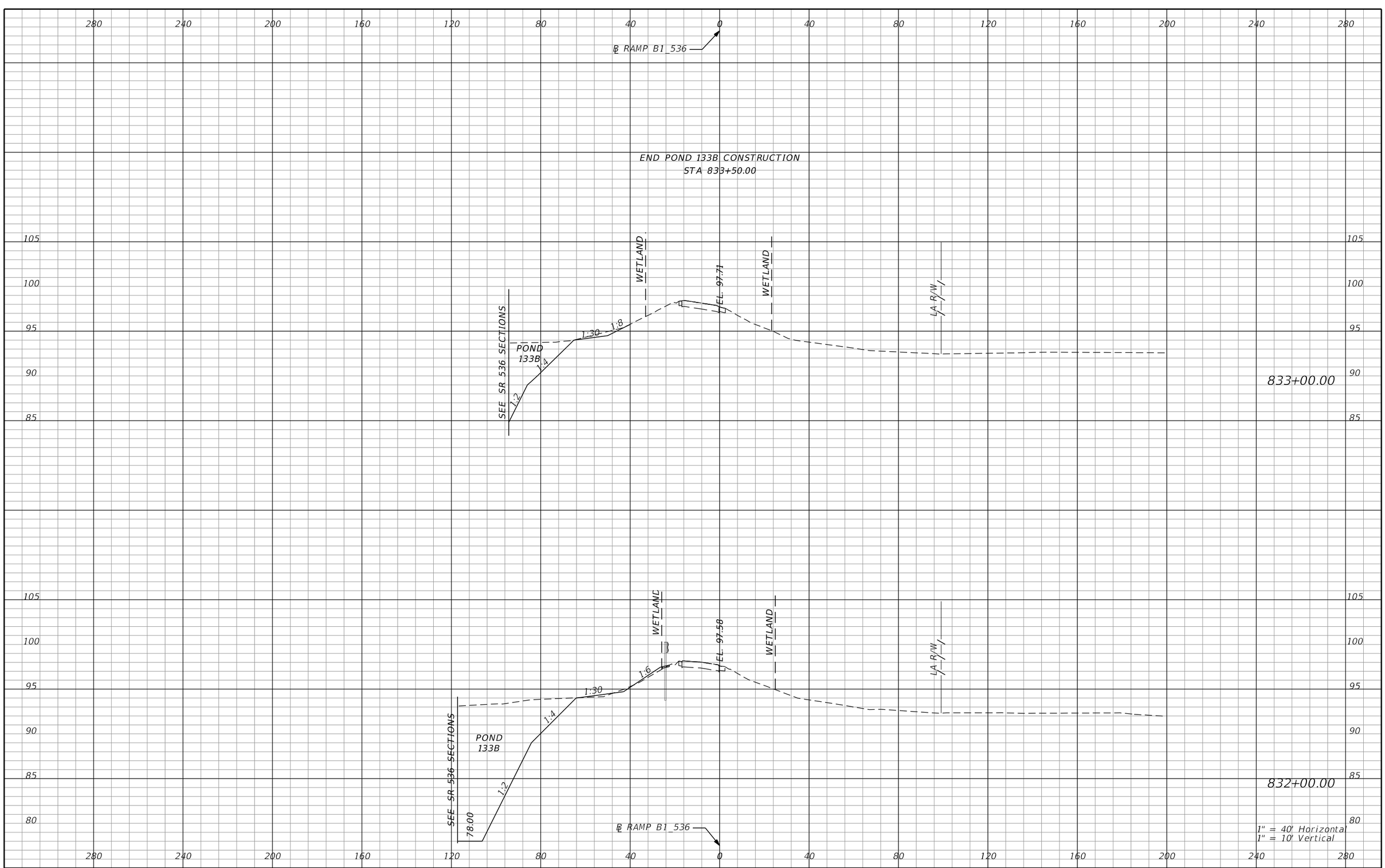

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_536
CROSS SECTIONS

SHEET NO. 1044

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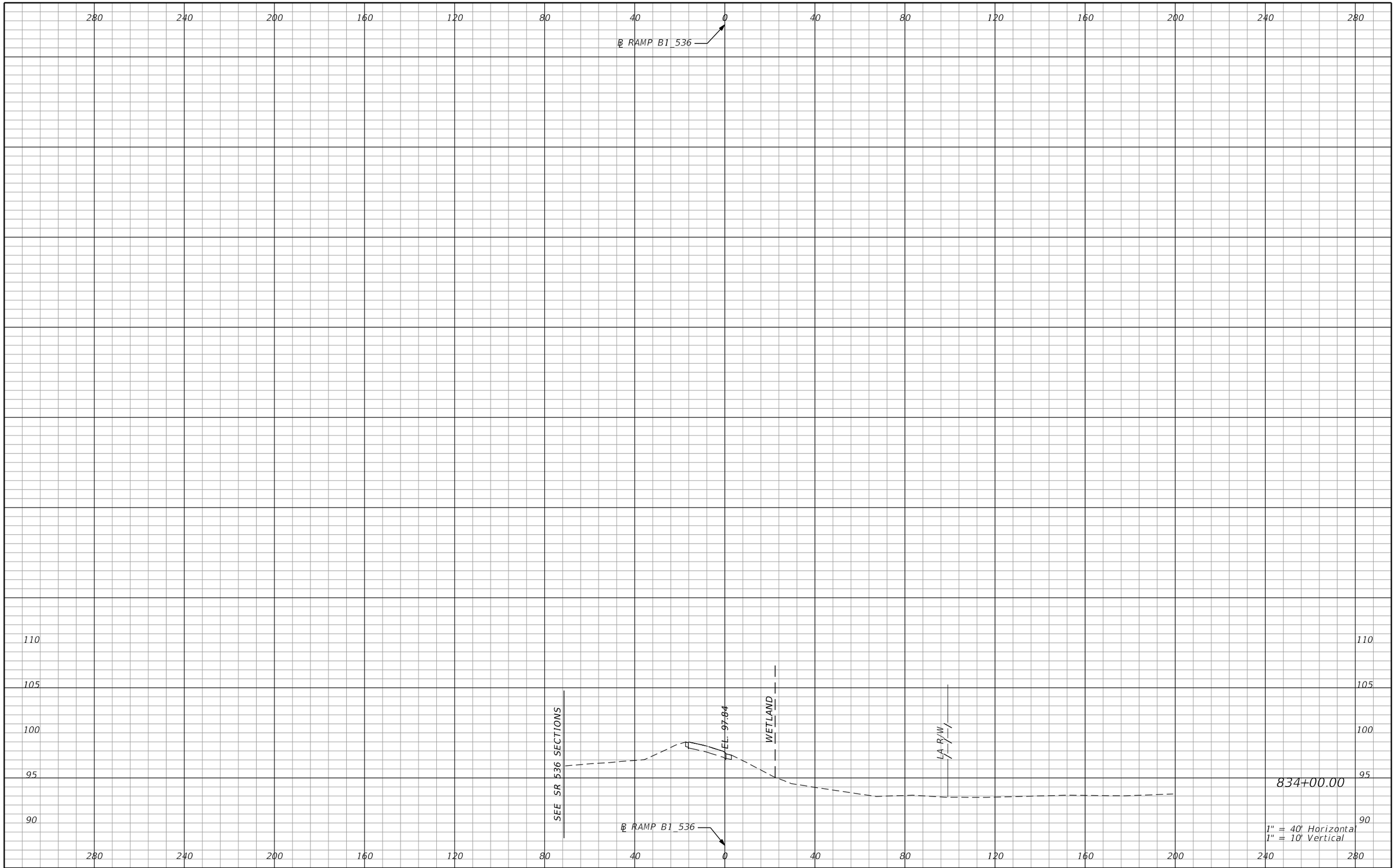

REVISIONS			
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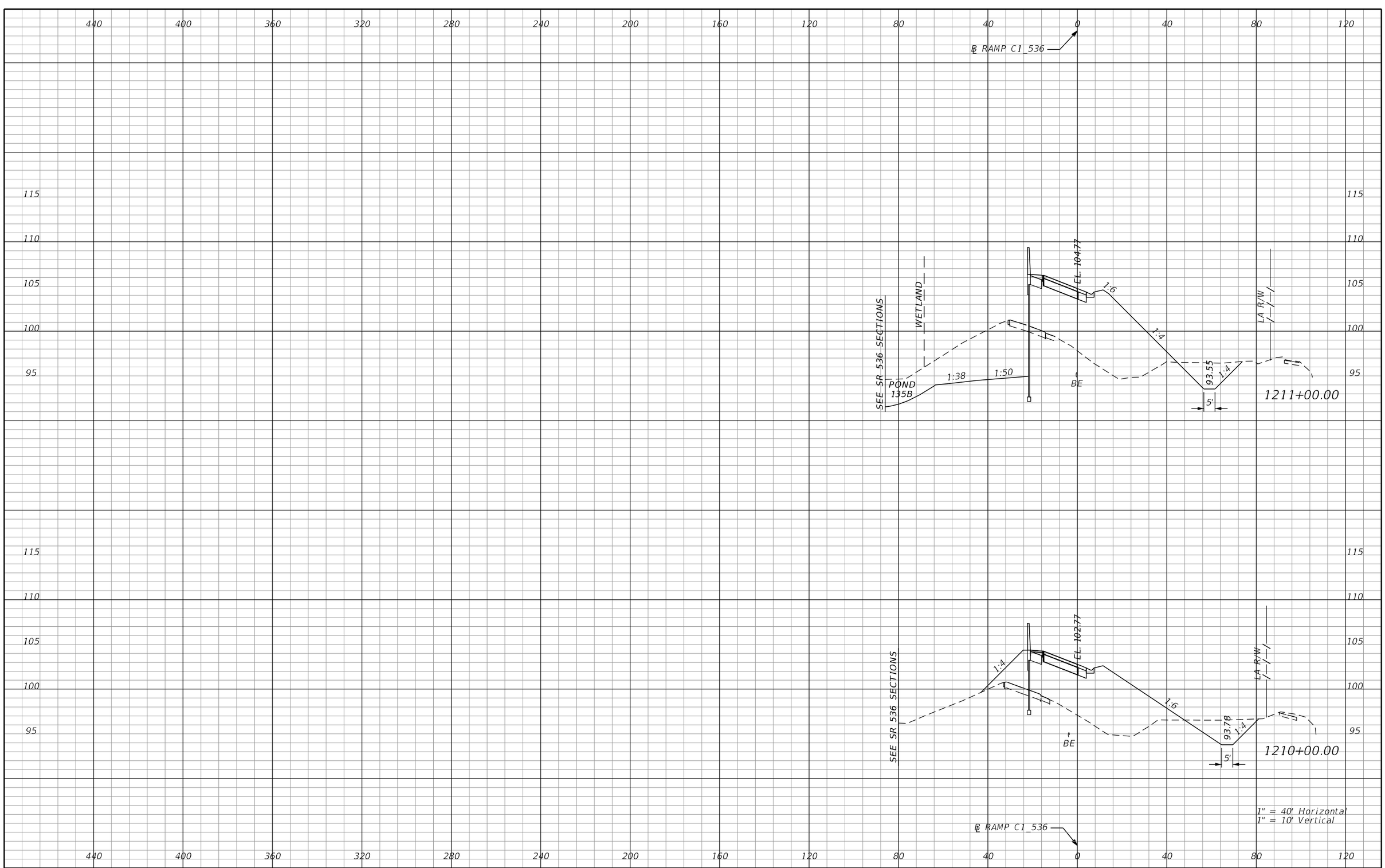
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_536
CROSS SECTIONS

SHEET NO. 1045

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C1_536
CROSS SECTIONS

SHEET NO. 1046

PRELIMINARY: NOT FOR CONSTRUCTION

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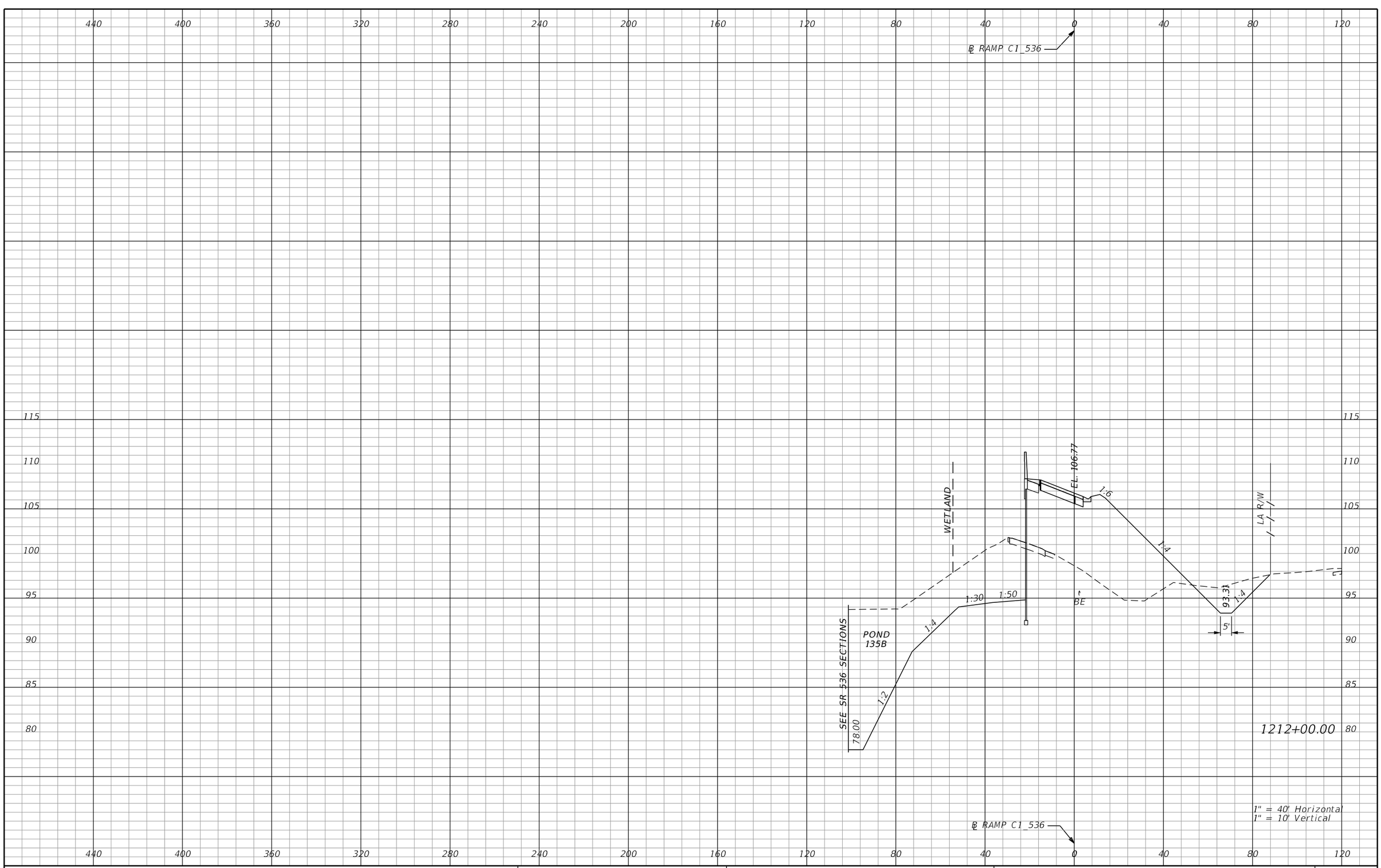

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C1_536 CROSS SECTIONS

SHEET NO. 1047

PRELIMINARY: NOT FOR CONSTRUCTION

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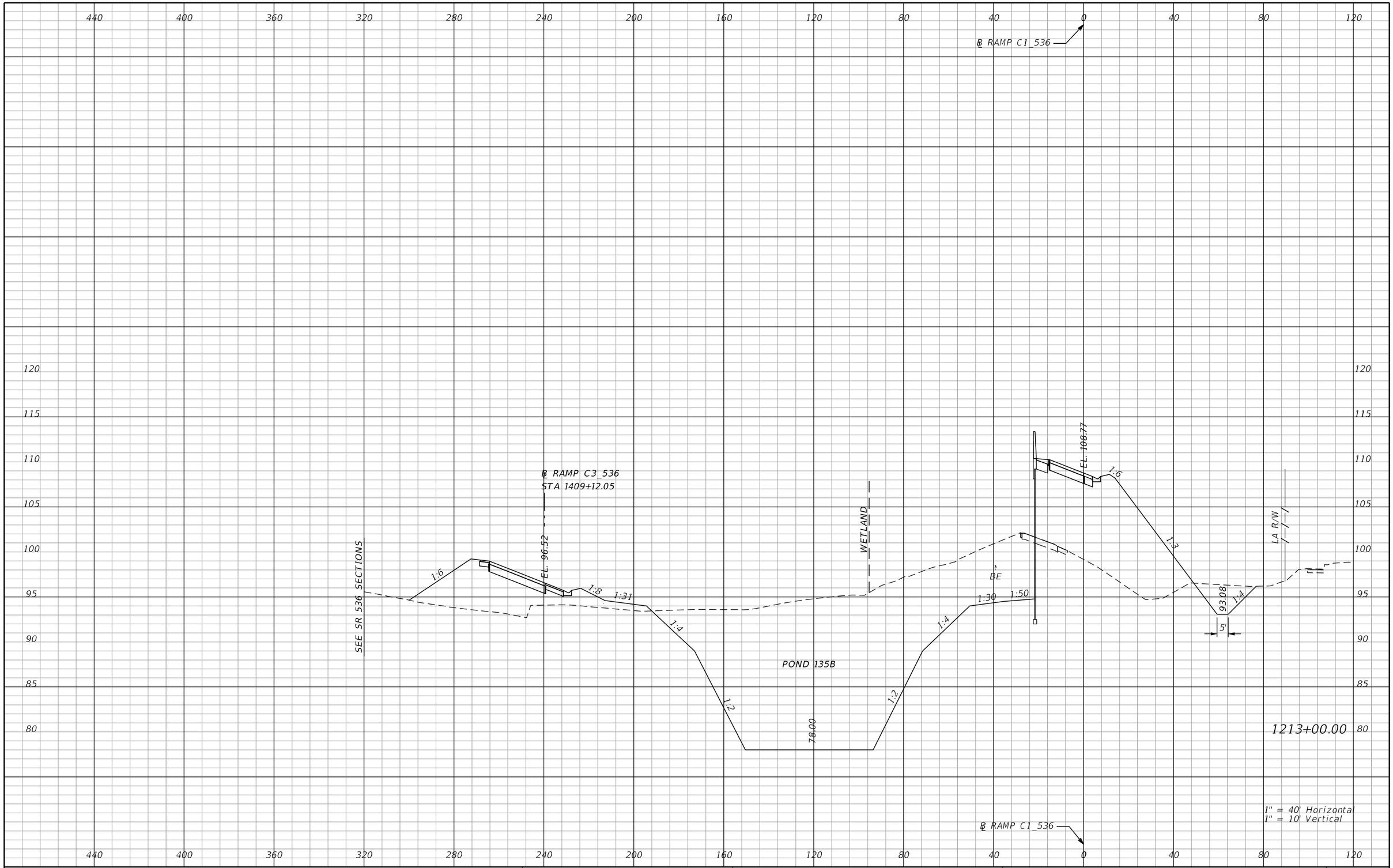

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C1_536 CROSS SECTIONS

SHEET NO. 1048

PRELIMINARY: NOT FOR CONSTRUCTION

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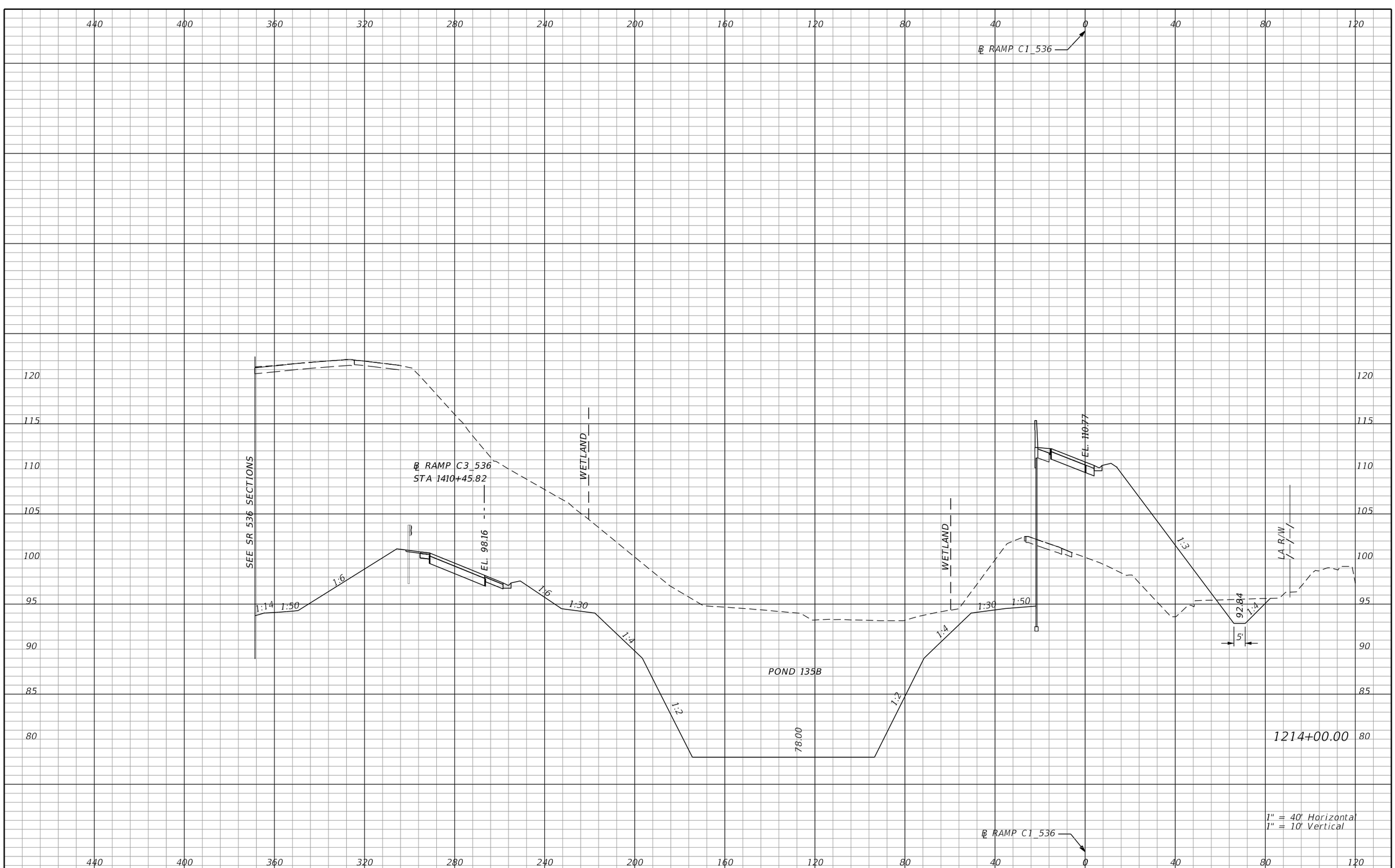

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C1_536 CROSS SECTIONS

SHEET NO. 1049

PRELIMINARY: NOT FOR CONSTRUCTION

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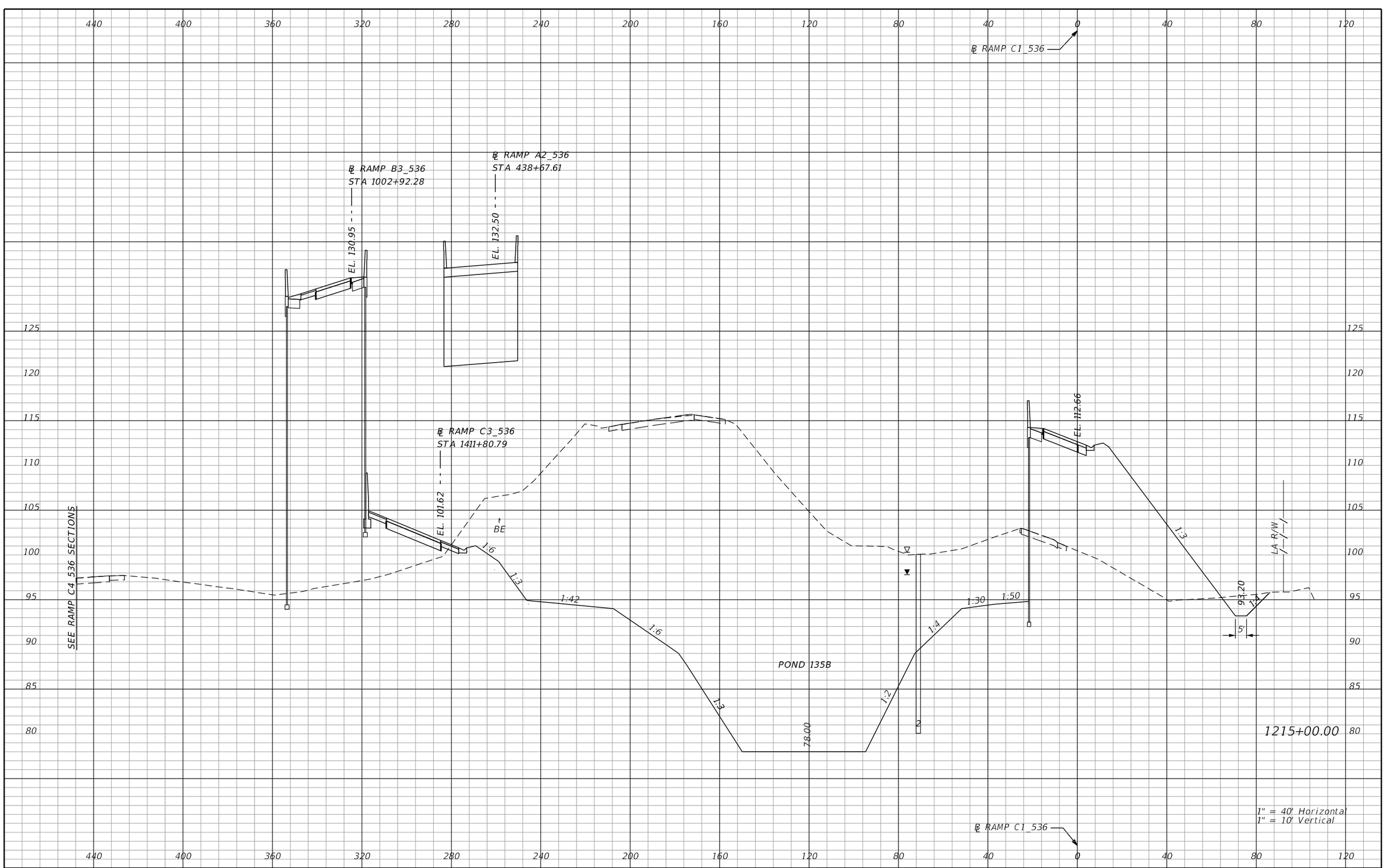

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C1_536 CROSS SECTIONS

SHEET NO. 1050

PRELIMINARY: NOT FOR CONSTRUCTION

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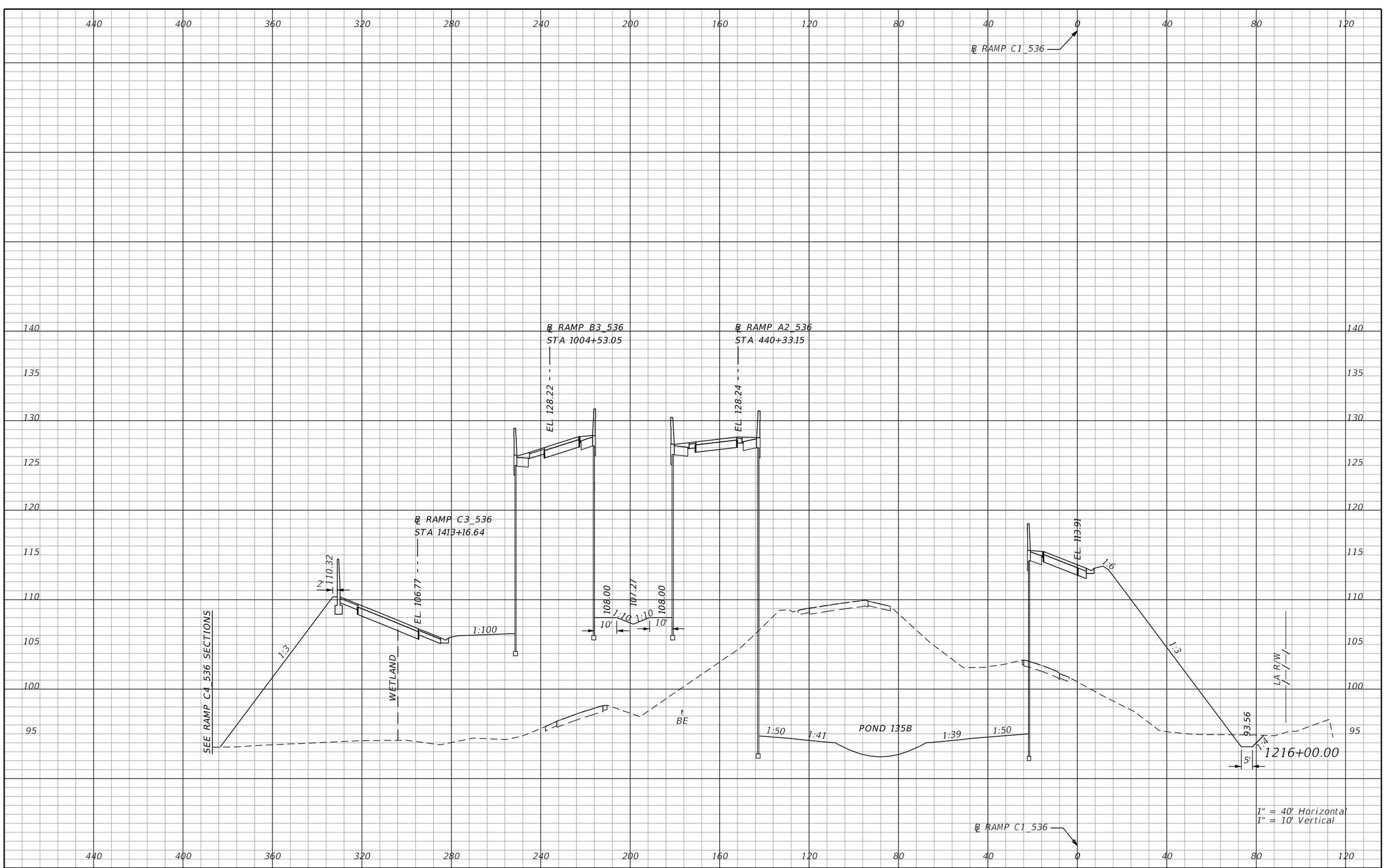

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C1_536 CROSS SECTIONS

SHEET NO. 1051

PRELIMINARY: NOT FOR CONSTRUCTION

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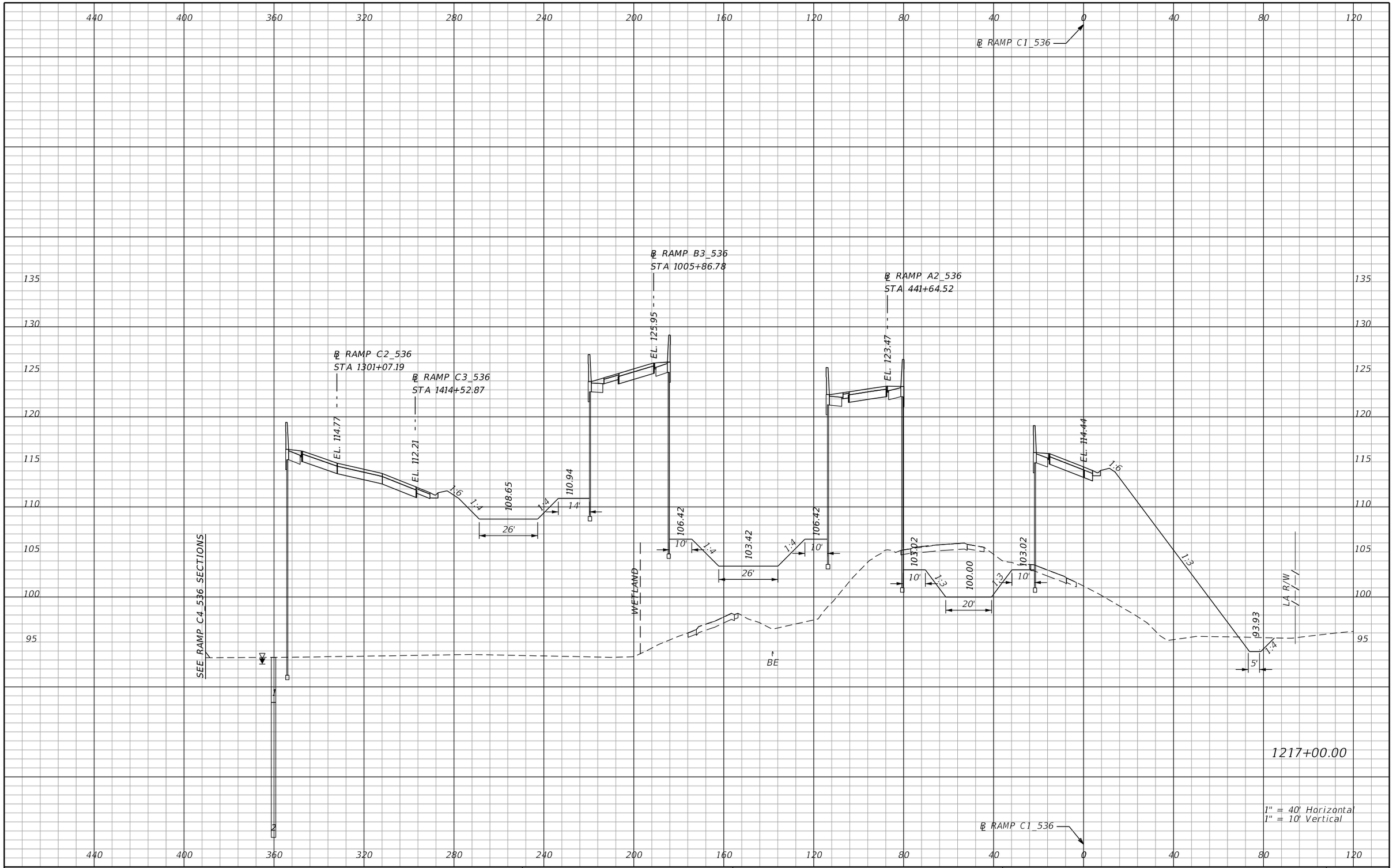

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Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C1_536 CROSS SECTIONS

SHEET NO. 1052

PRELIMINARY: NOT FOR CONSTRUCTION

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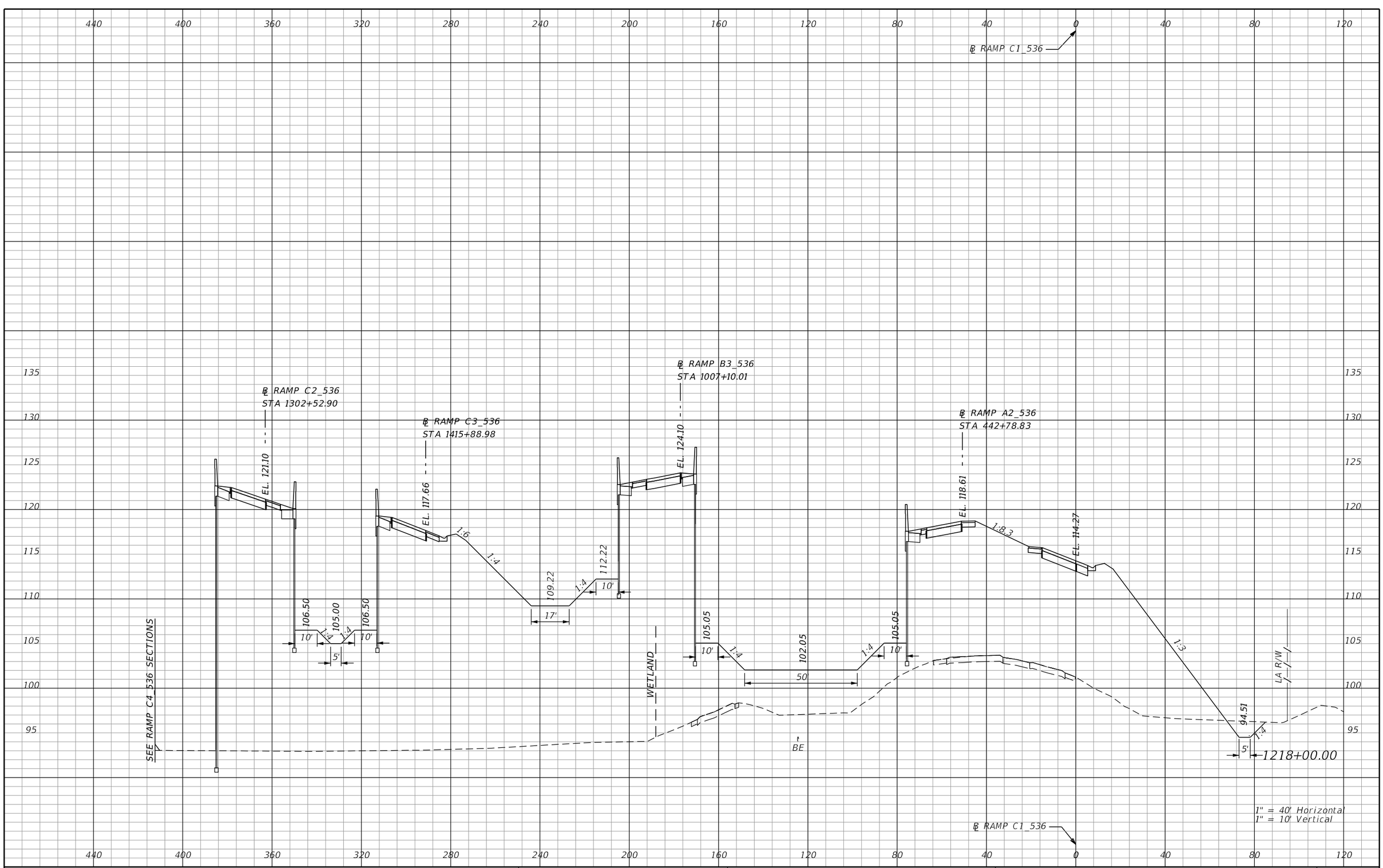

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C1_536 CROSS SECTIONS

SHEET NO. 1053

PRELIMINARY: NOT FOR CONSTRUCTION

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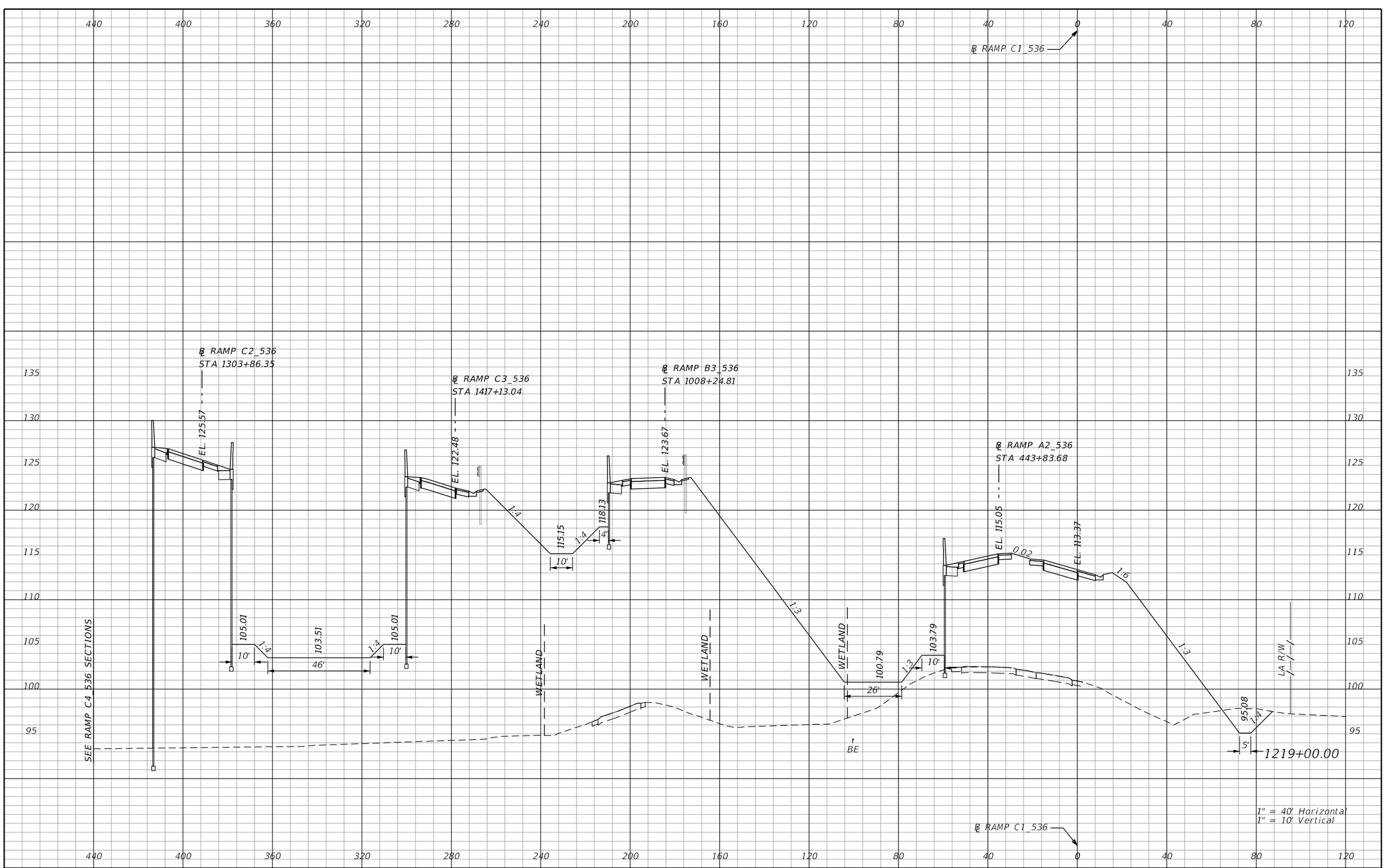

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SR 400	ORANGE	242484-8-52-01

RAMP C1_536 CROSS SECTIONS

SHEET NO. 1054

PRELIMINARY: NOT FOR CONSTRUCTION

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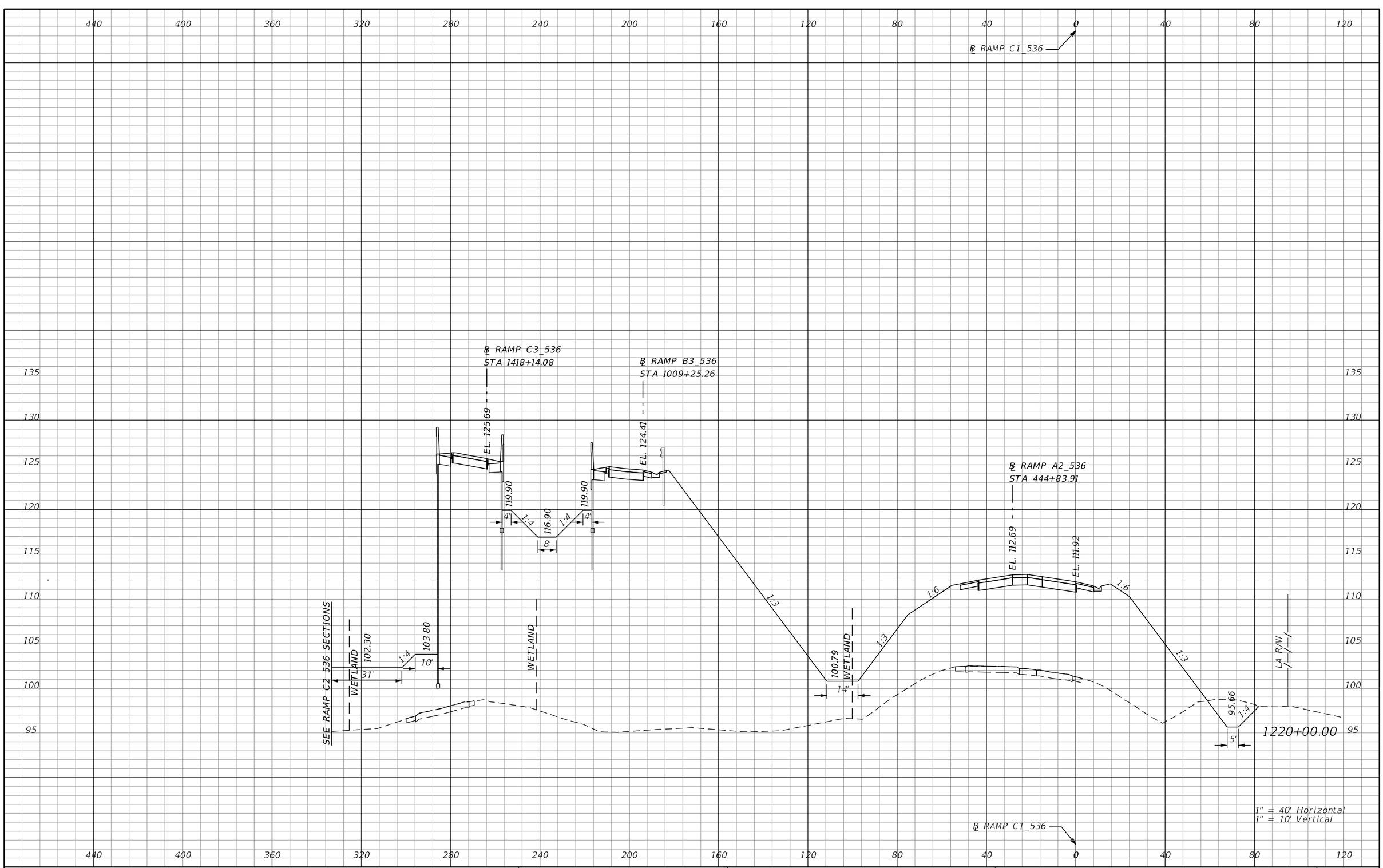

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RAMP C1_536
CROSS SECTIONS

SHEET NO.
1055

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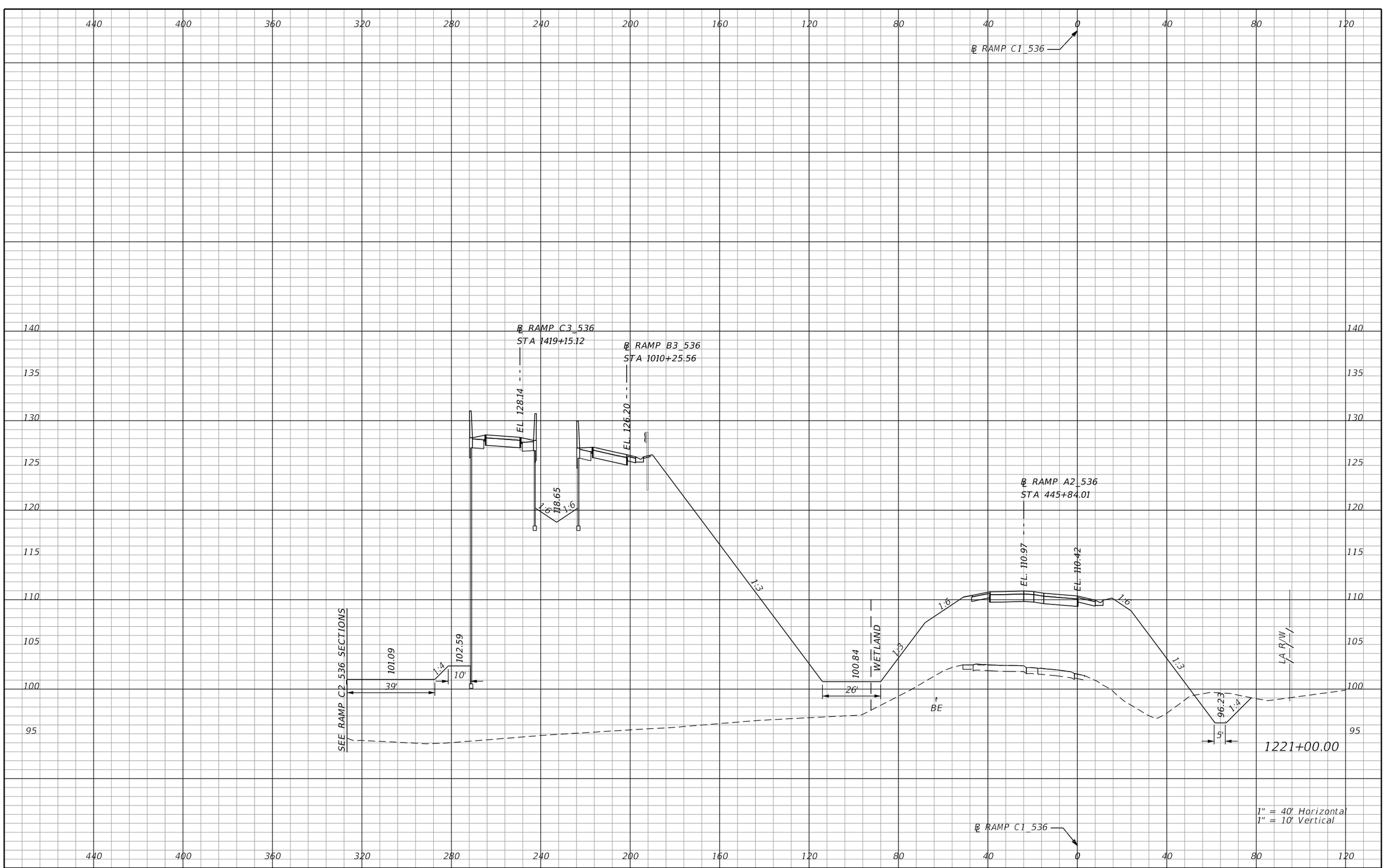

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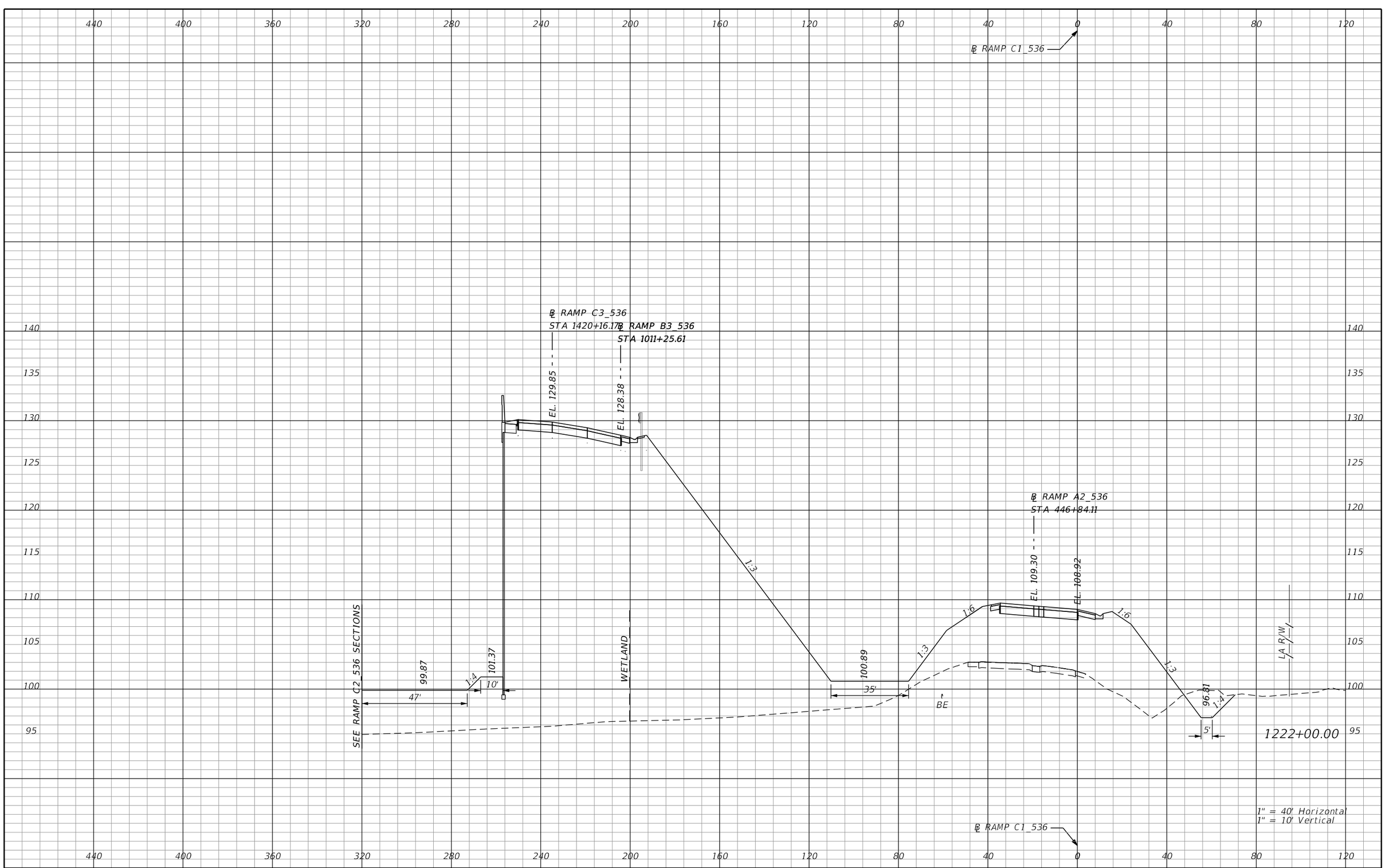
RAMP C1_536 CROSS SECTIONS

SHEET NO. 1056

PRELIMINARY: NOT FOR CONSTRUCTION



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RAMP C1_536 CROSS SECTIONS

SHEET NO. 1057

PRELIMINARY: NOT FOR CONSTRUCTION

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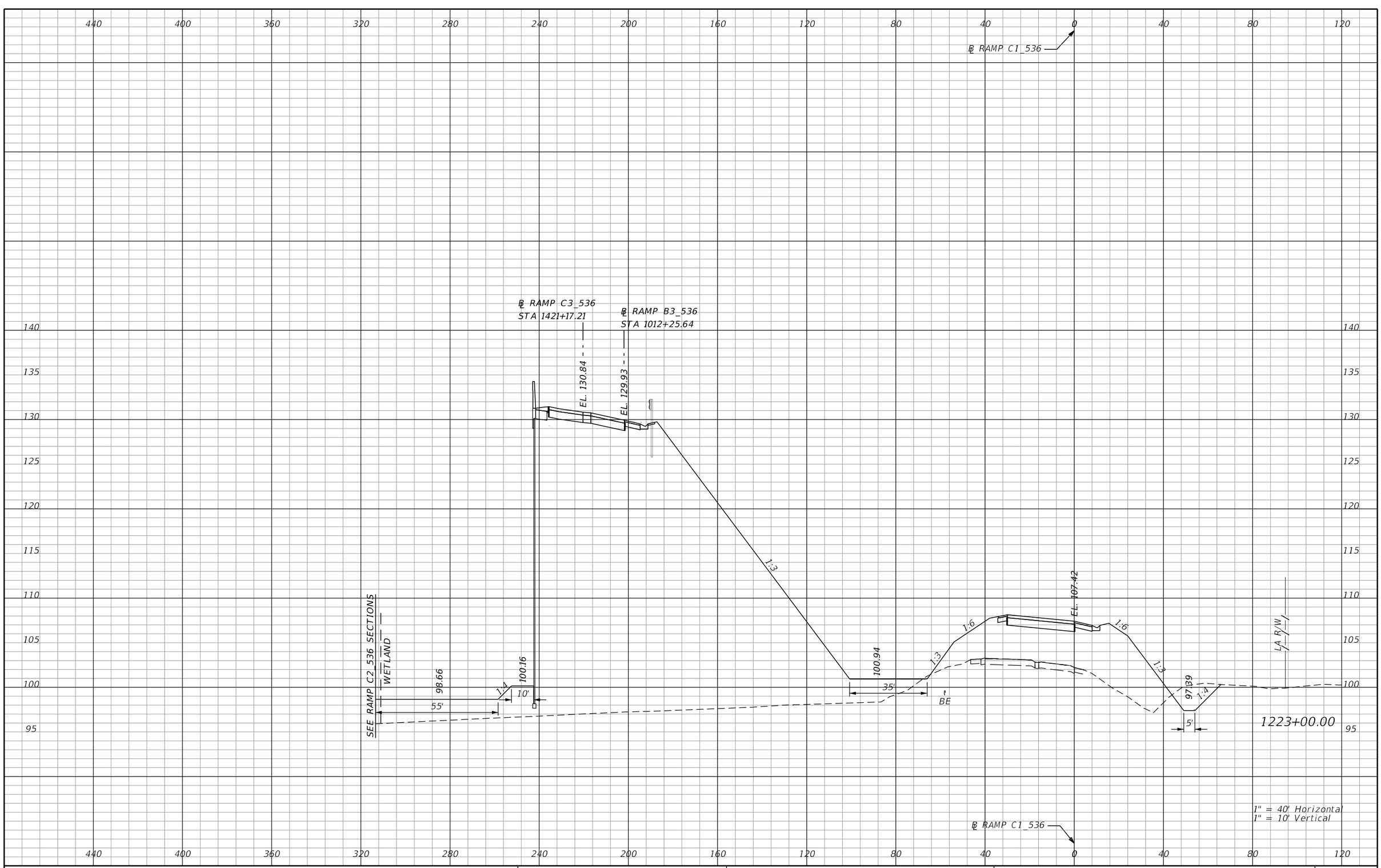

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RAMP C1_536 CROSS SECTIONS

SHEET NO. 1058

PRELIMINARY: NOT FOR CONSTRUCTION

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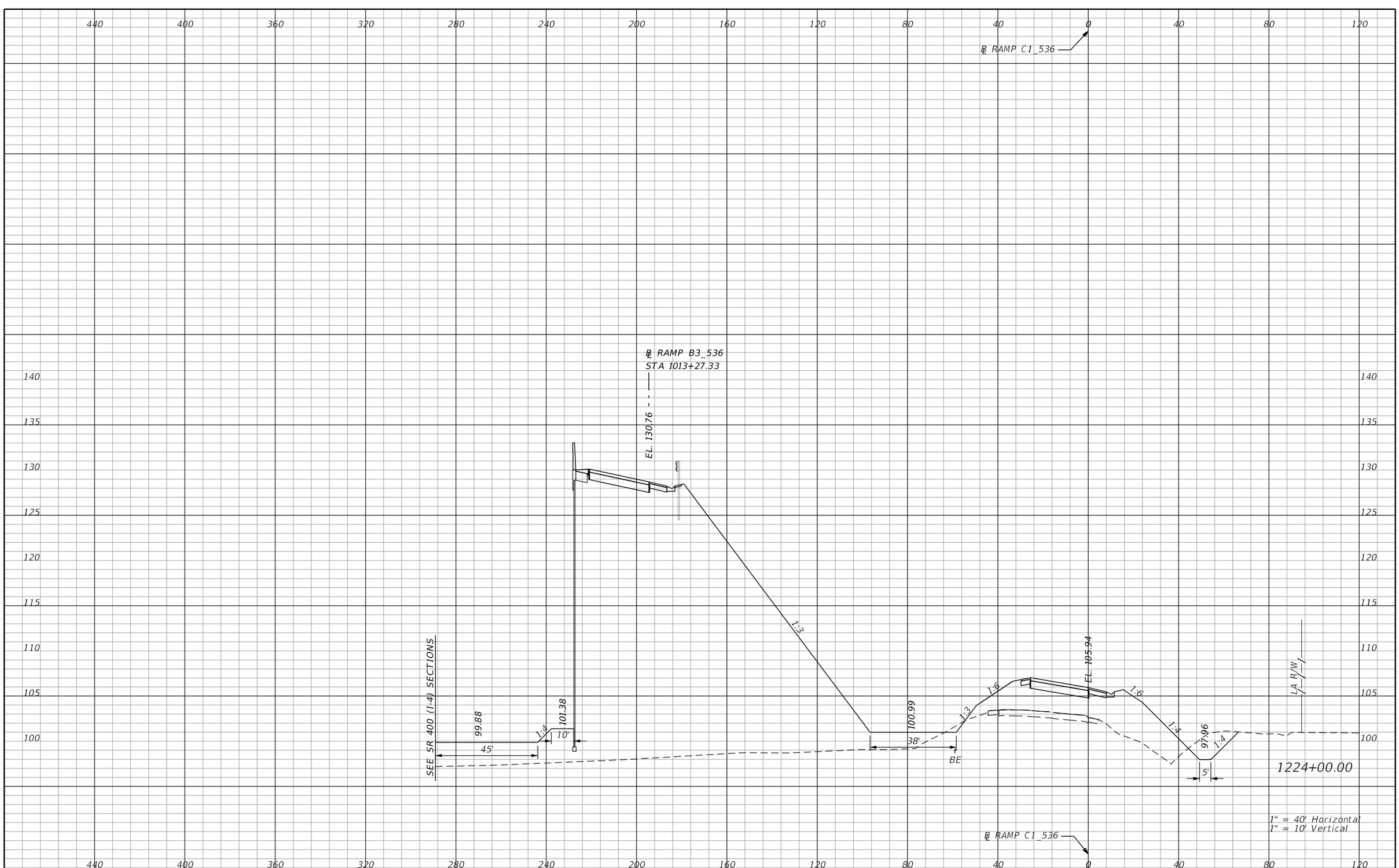

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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RAMP C1_536 CROSS SECTIONS

SHEET NO. 1059

PRELIMINARY: NOT FOR CONSTRUCTION

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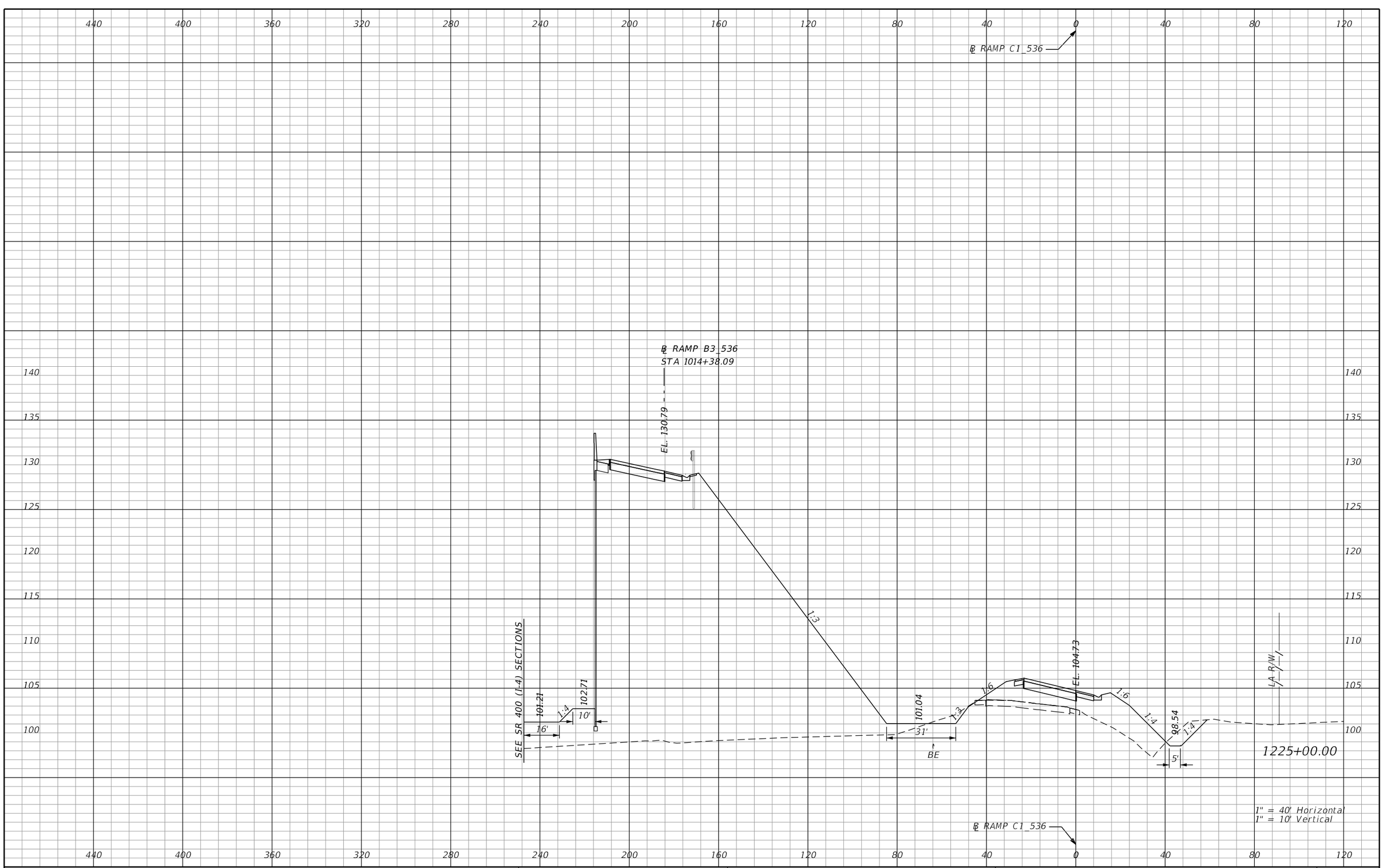

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RAMP C1_536
CROSS SECTIONS

SHEET NO. 1060

PRELIMINARY: NOT FOR CONSTRUCTION

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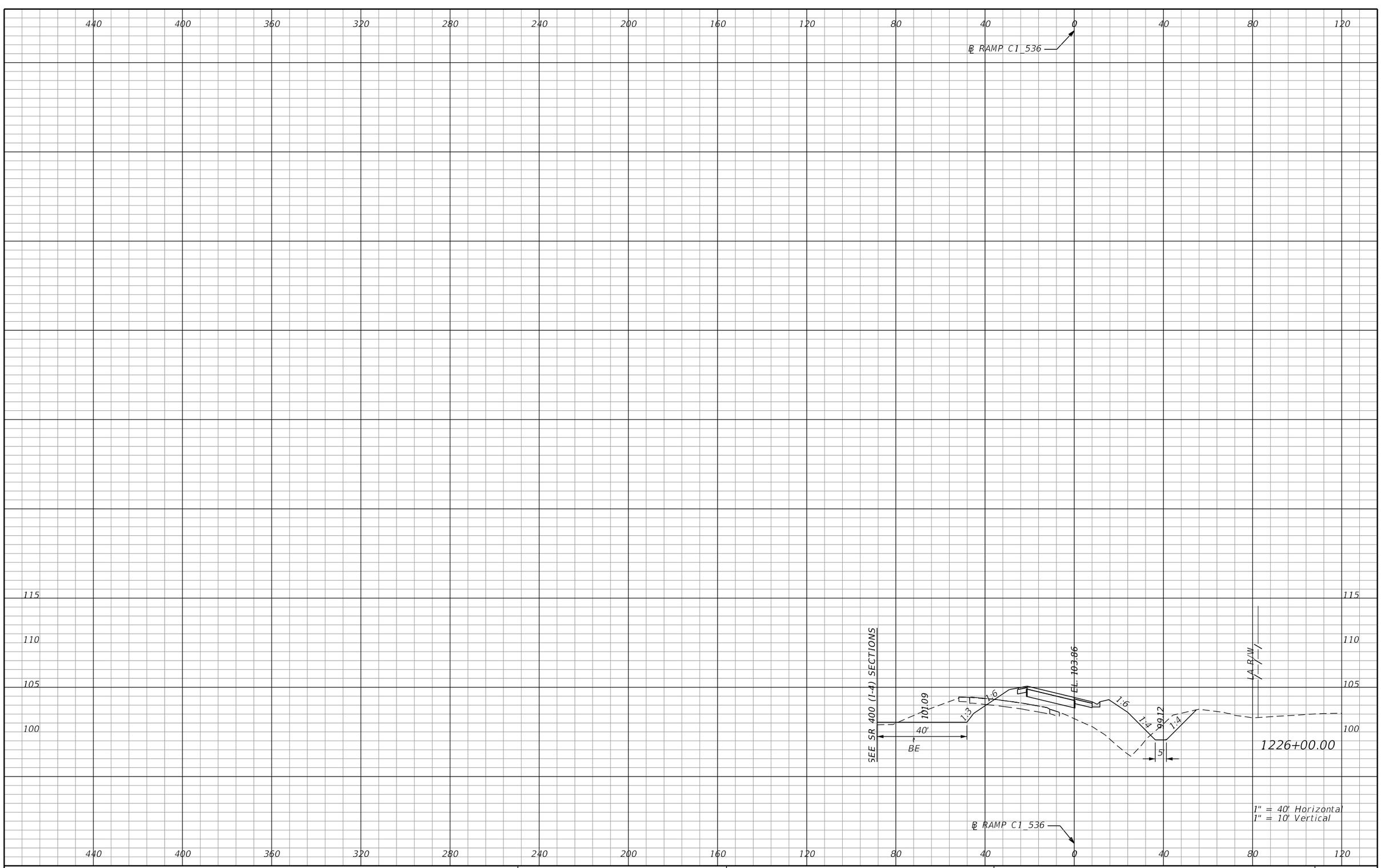

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RAMP C1_536 CROSS SECTIONS

SHEET NO. 1061

PRELIMINARY: NOT FOR CONSTRUCTION

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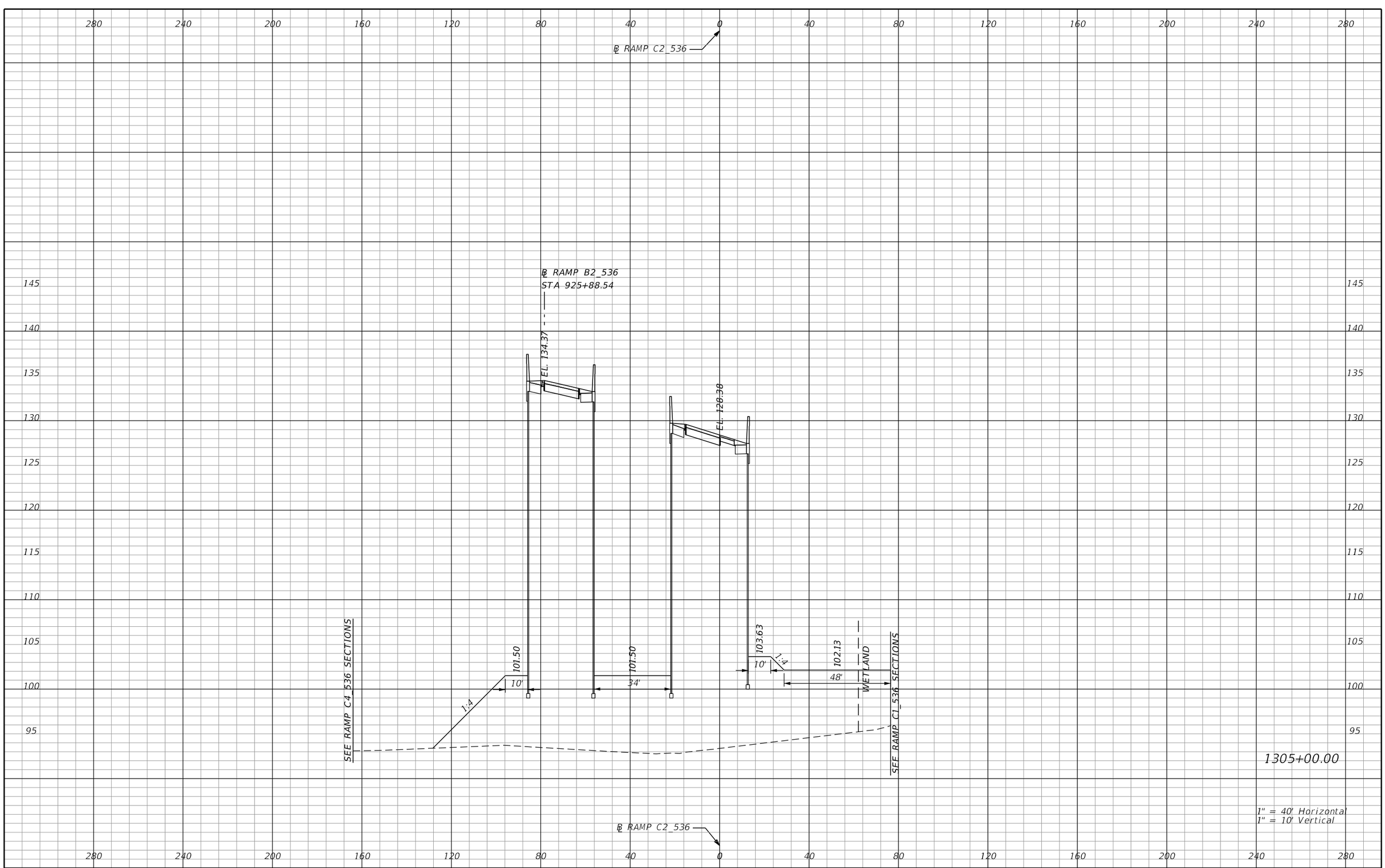

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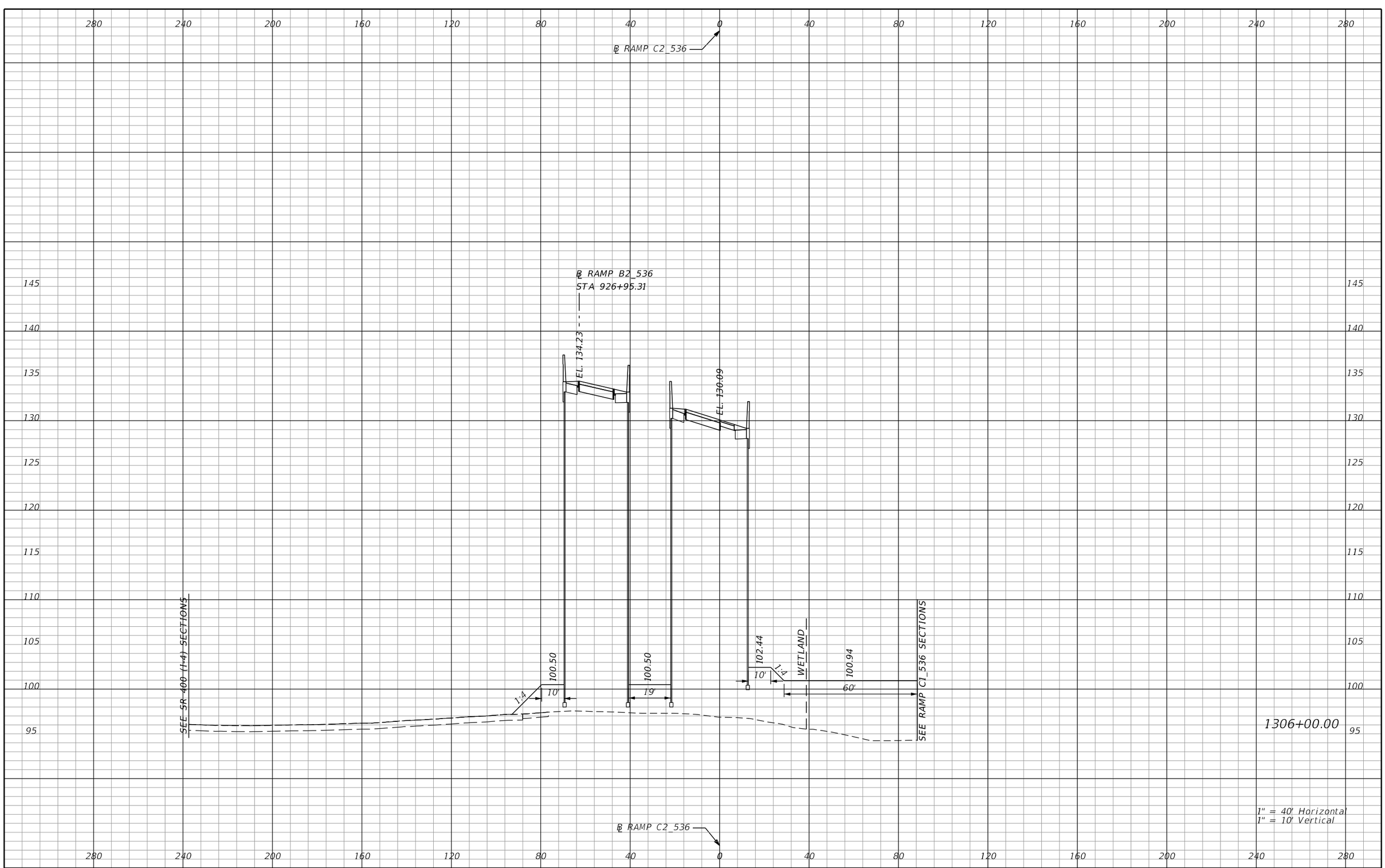
SR 400	ORANGE	242484-8-52-01

RAMP C2_536 CROSS SECTIONS

SHEET NO. 1062

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C2_536 CROSS SECTIONS

SHEET NO. 1063

PRELIMINARY: NOT FOR CONSTRUCTION

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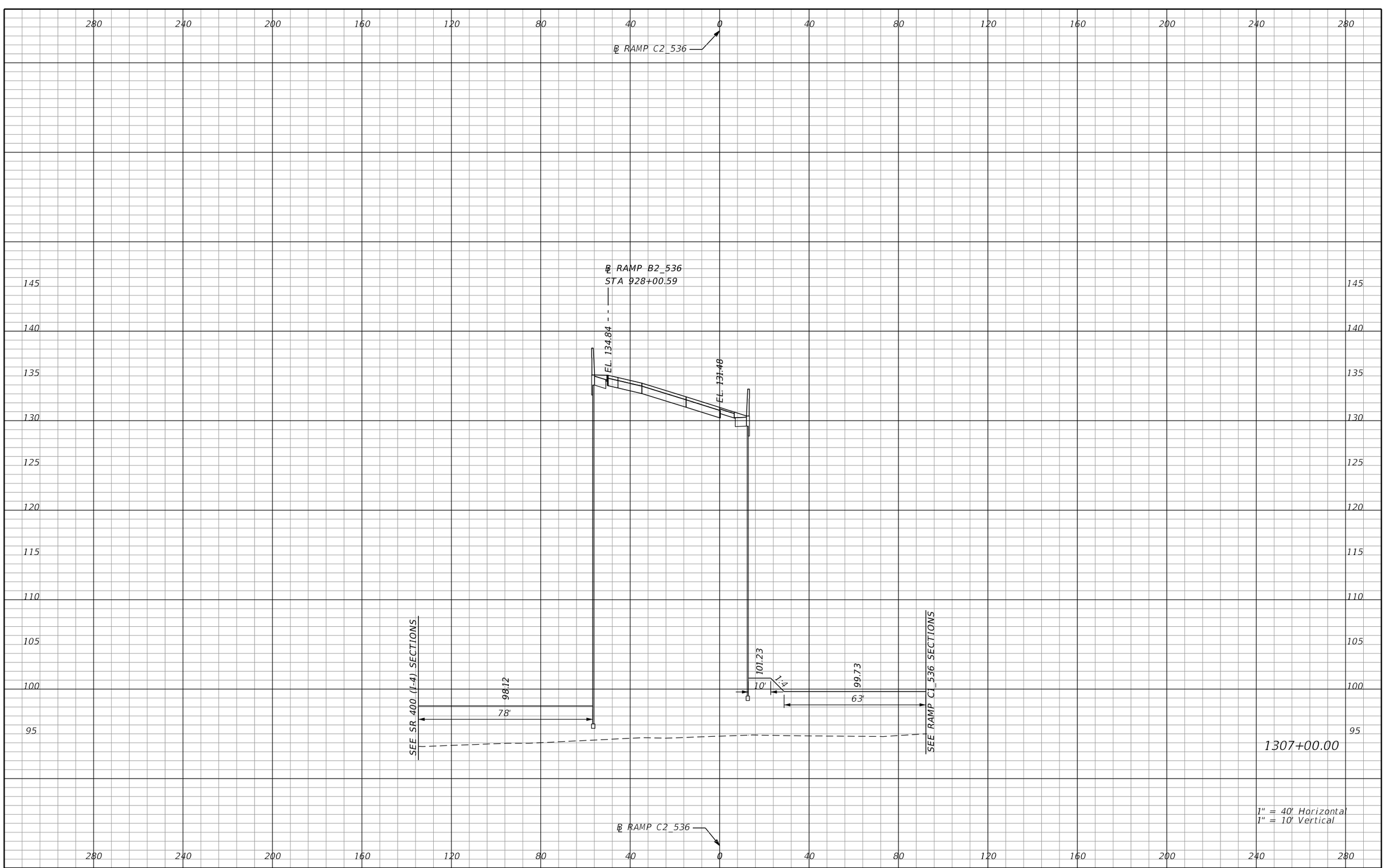

1" = 40' Horizontal
1" = 10' Vertical

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RAMP C2_536 CROSS SECTIONS

SHEET NO. 1064

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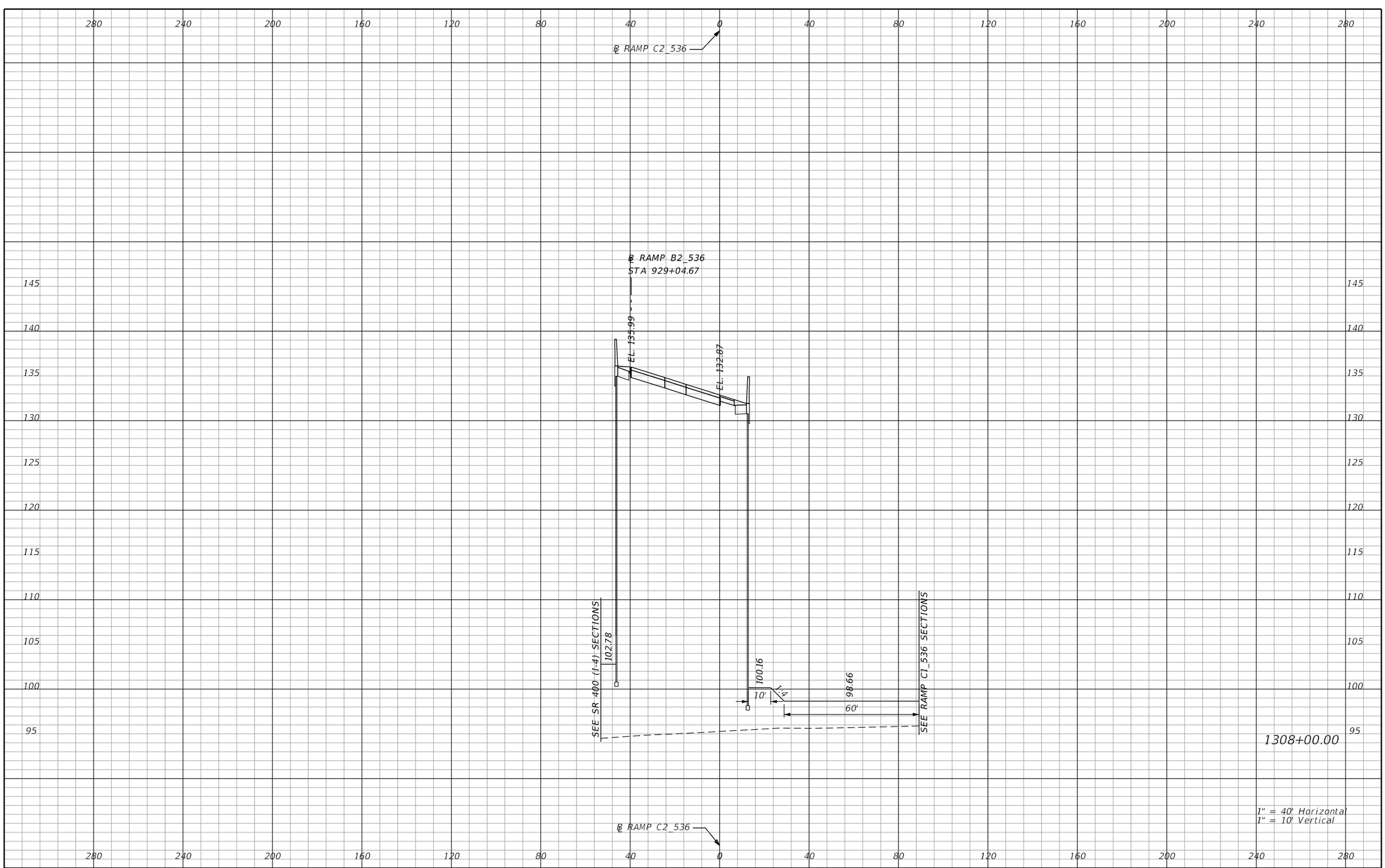

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C2_536 CROSS SECTIONS

SHEET NO. 1065

PRELIMINARY: NOT FOR CONSTRUCTION

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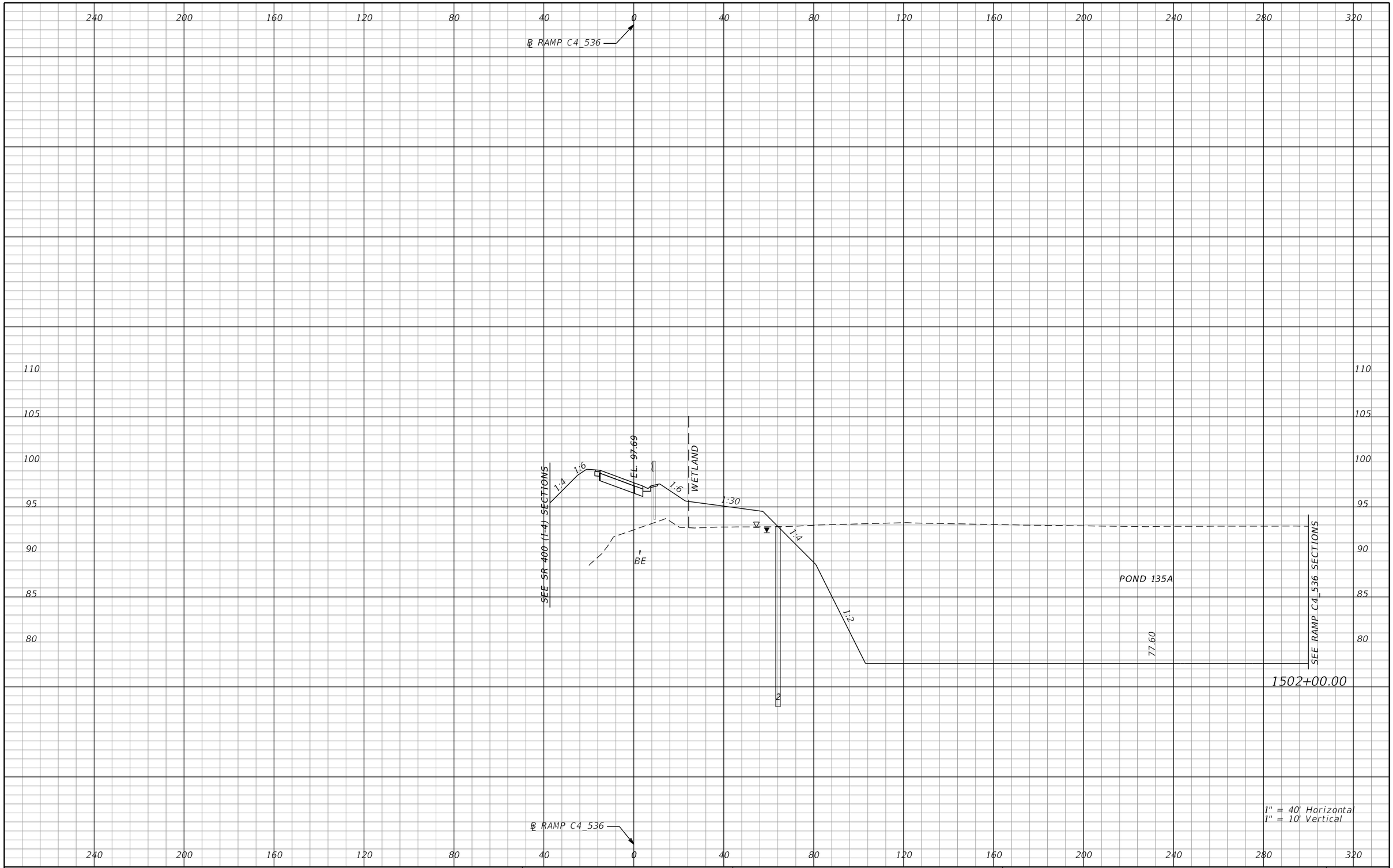

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C4_536 CROSS SECTIONS

SHEET NO. 1066

PRELIMINARY: NOT FOR CONSTRUCTION

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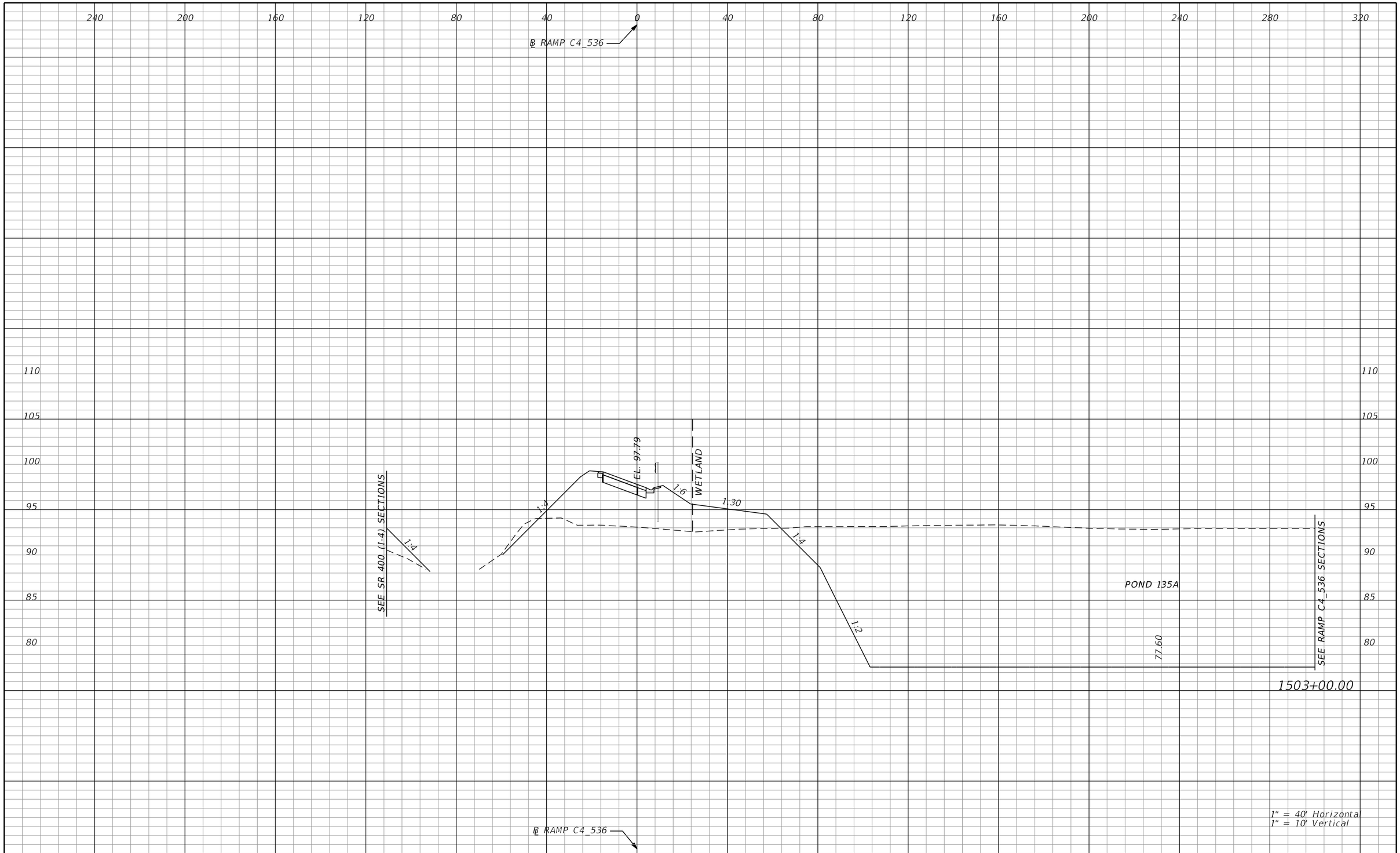

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RAMP C4_536 CROSS SECTIONS

SHEET NO. 1067

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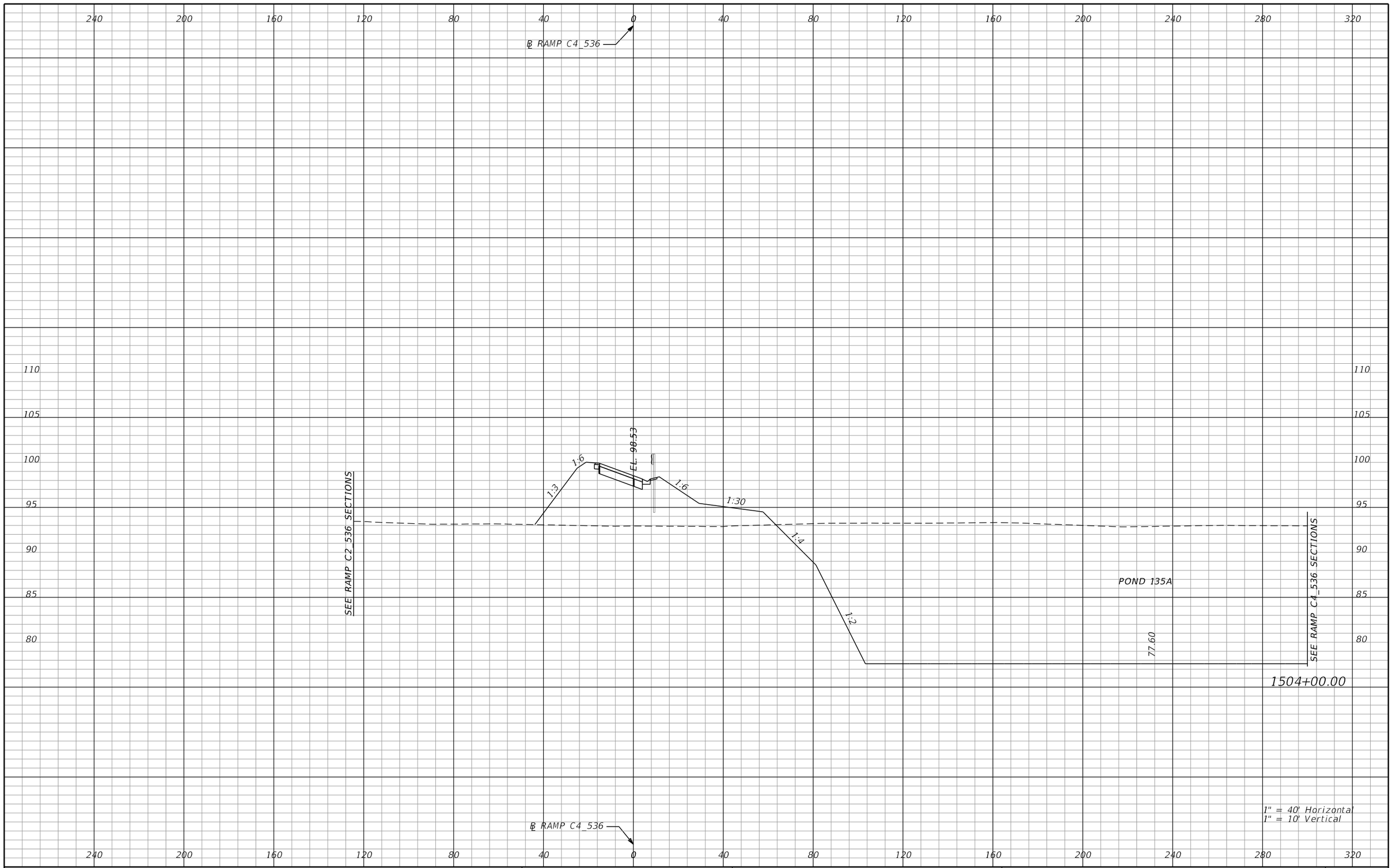

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C4_536
CROSS SECTIONS

SHEET NO. 1068

PRELIMINARY: NOT FOR CONSTRUCTION

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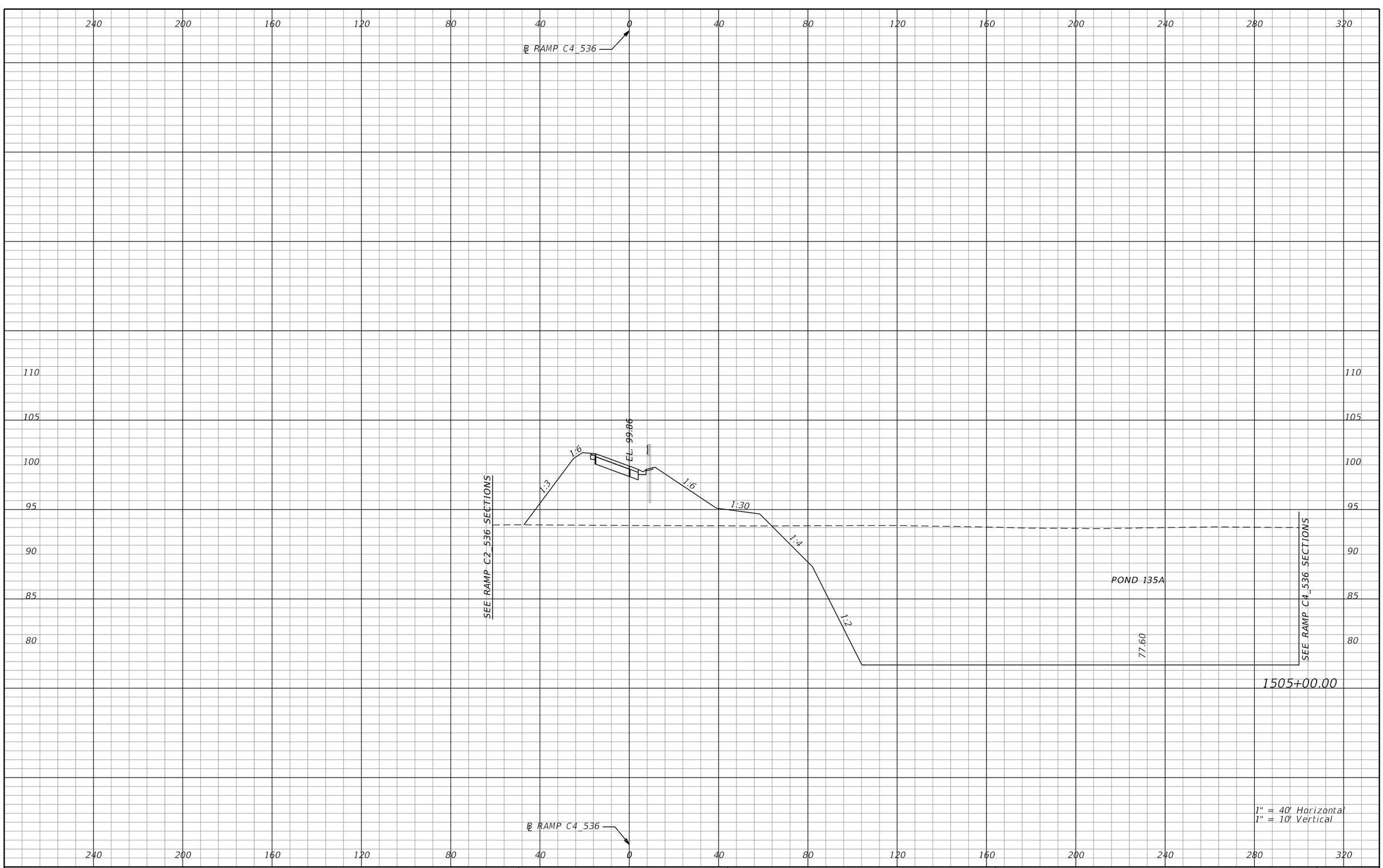

PRELIMINARY: NOT FOR CONSTRUCTION

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RAMP C4_536 CROSS SECTIONS

SHEET NO. 1069

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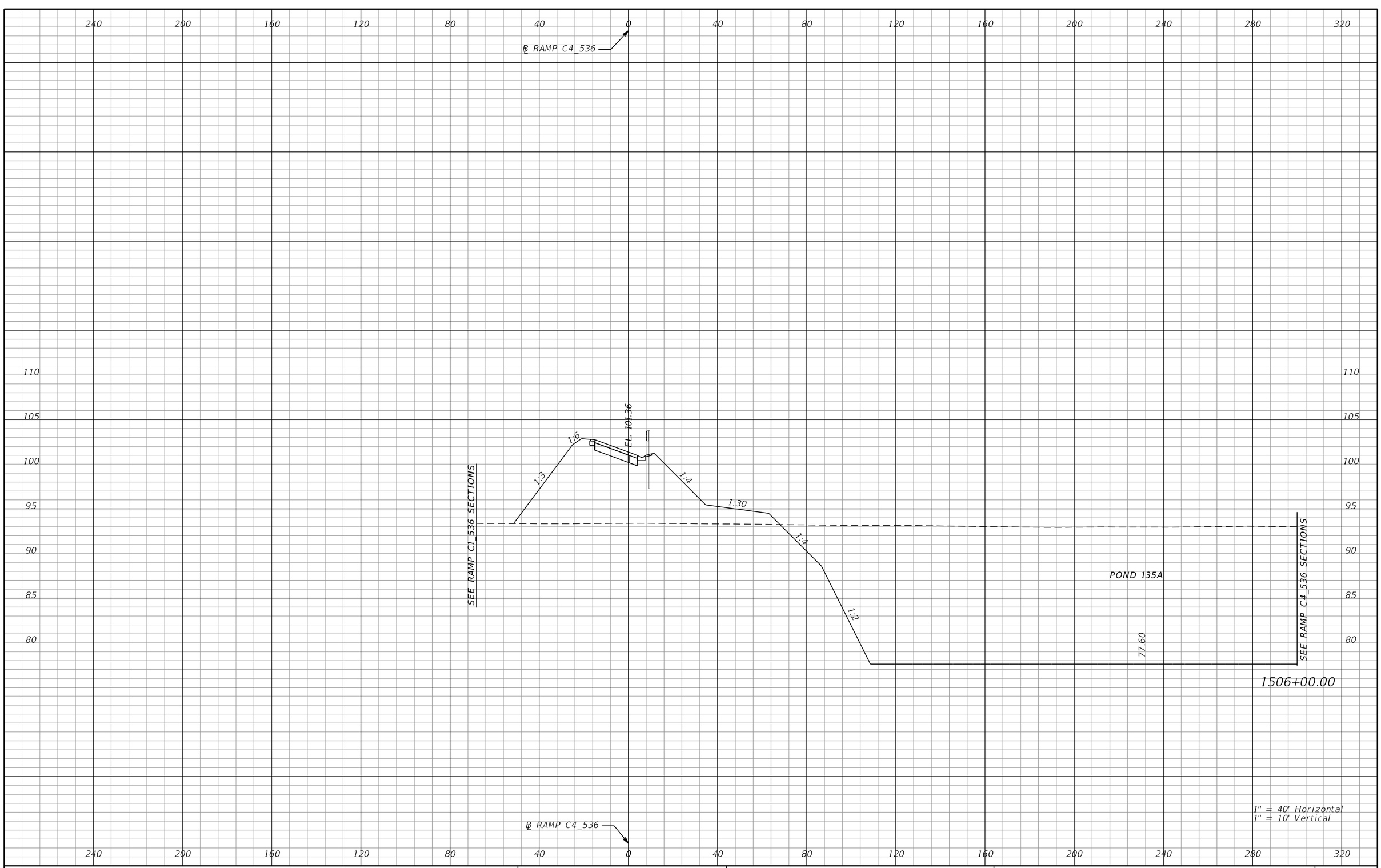

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SR 400	ORANGE	242484-8-52-01

RAMP C4_536 CROSS SECTIONS

SHEET NO. 1070

PRELIMINARY: NOT FOR CONSTRUCTION

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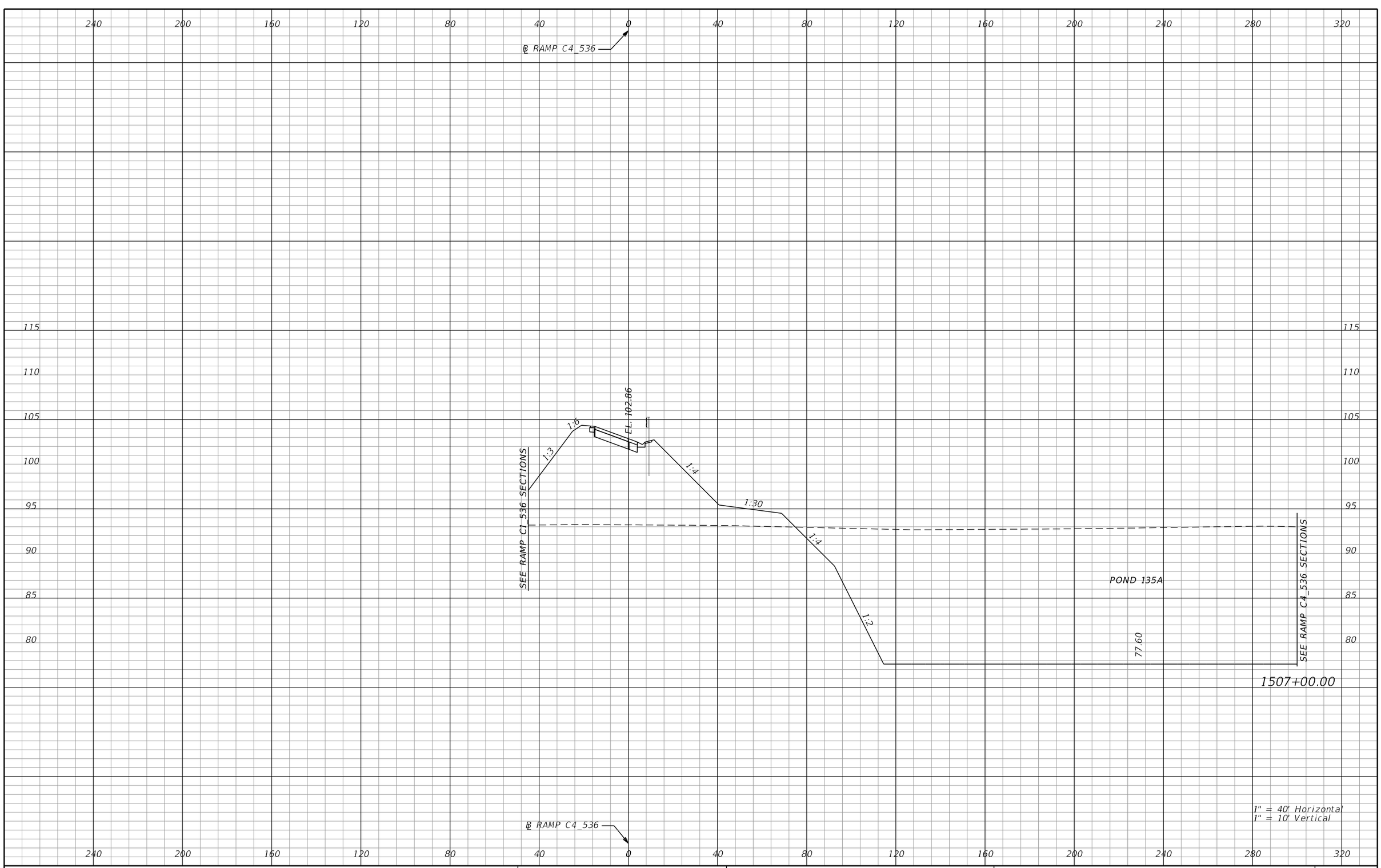

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C4_536 CROSS SECTIONS

SHEET NO. 1071

PRELIMINARY: NOT FOR CONSTRUCTION

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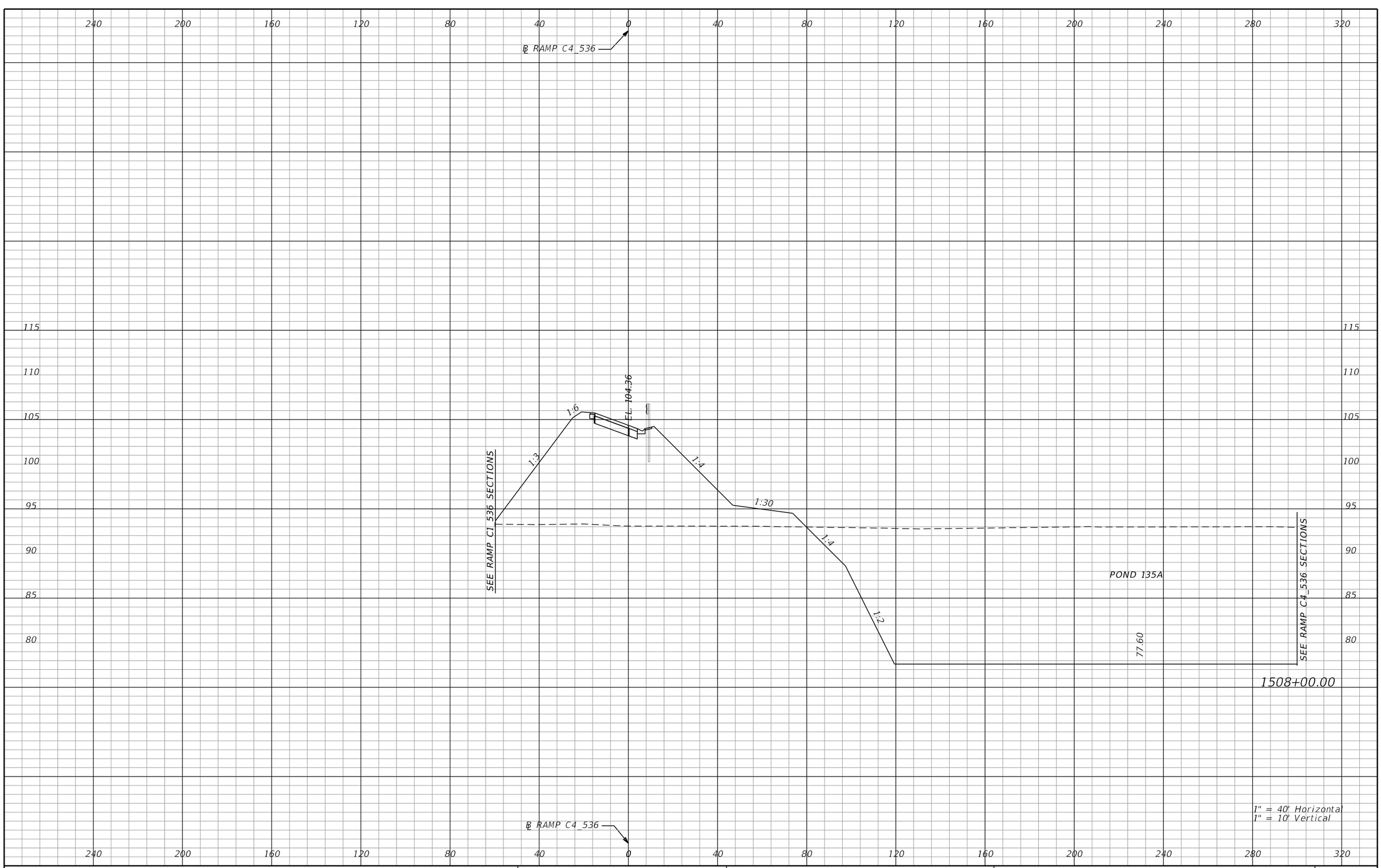

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C4_536 CROSS SECTIONS

SHEET NO. 1072

PRELIMINARY: NOT FOR CONSTRUCTION

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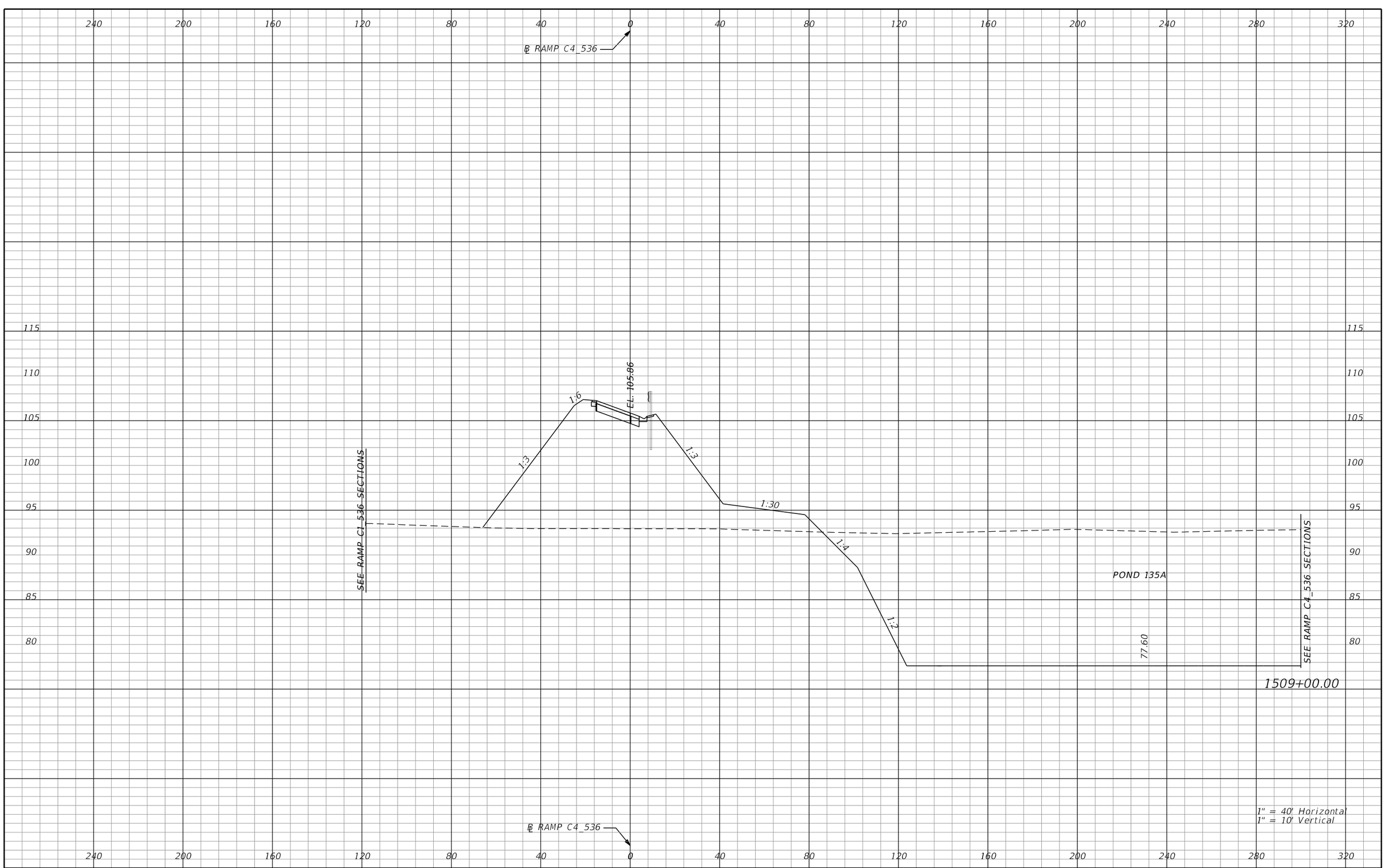

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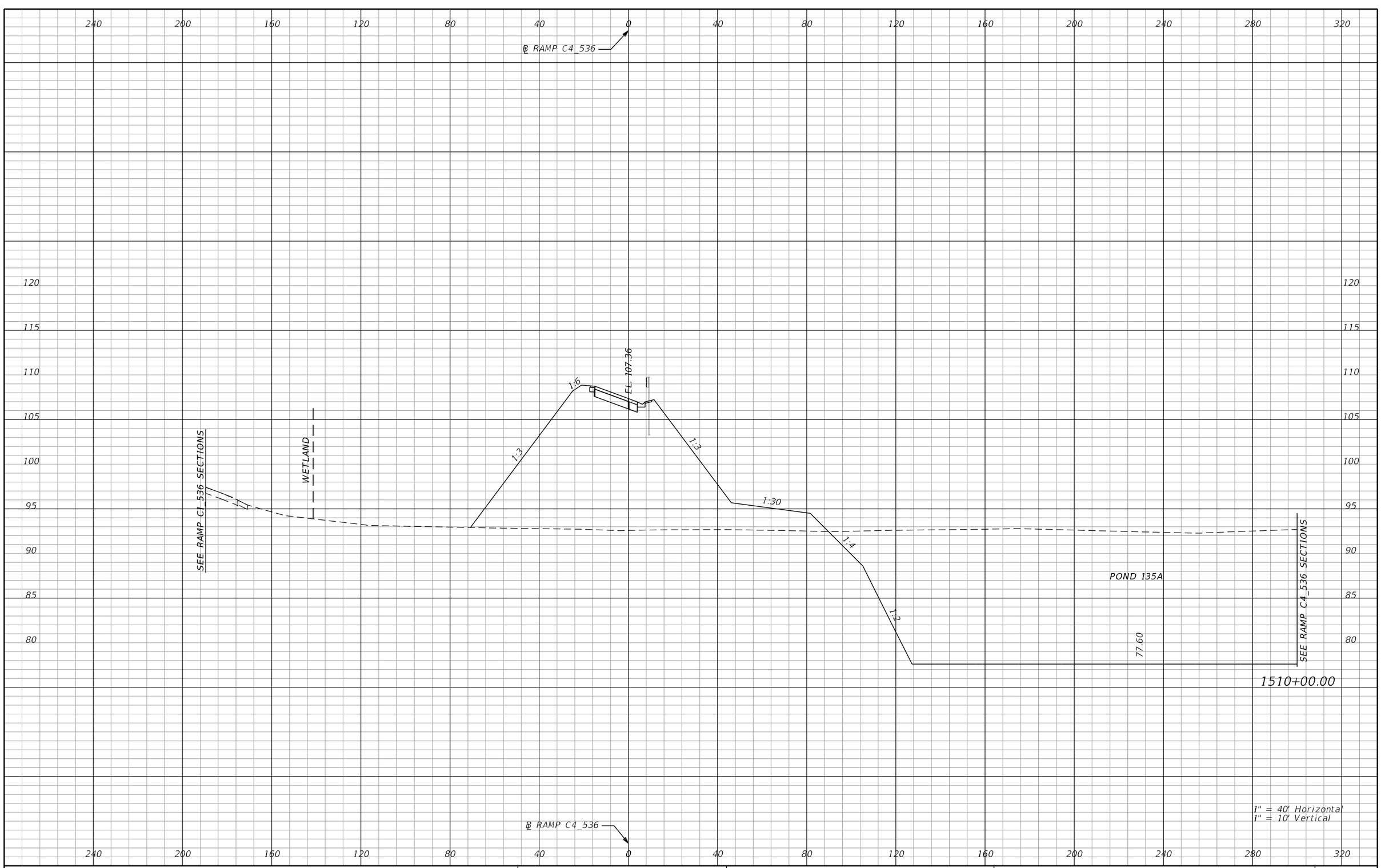
SR 400	ORANGE	242484-8-52-01

RAMP C4_536 CROSS SECTIONS

SHEET NO. 1073

PRELIMINARY: NOT FOR CONSTRUCTION



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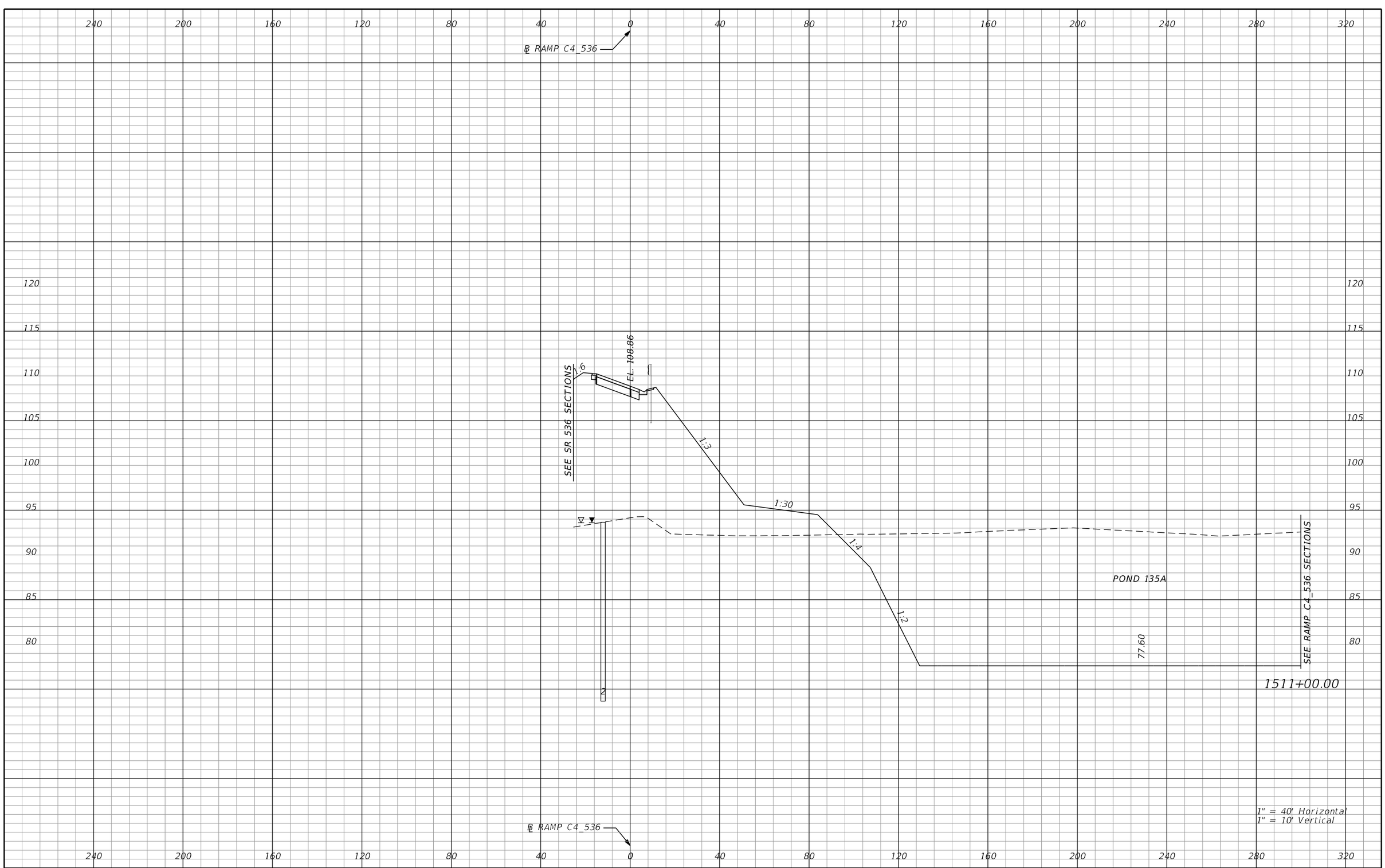
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C4_536 CROSS SECTIONS

SHEET NO. 1074

PRELIMINARY: NOT FOR CONSTRUCTION



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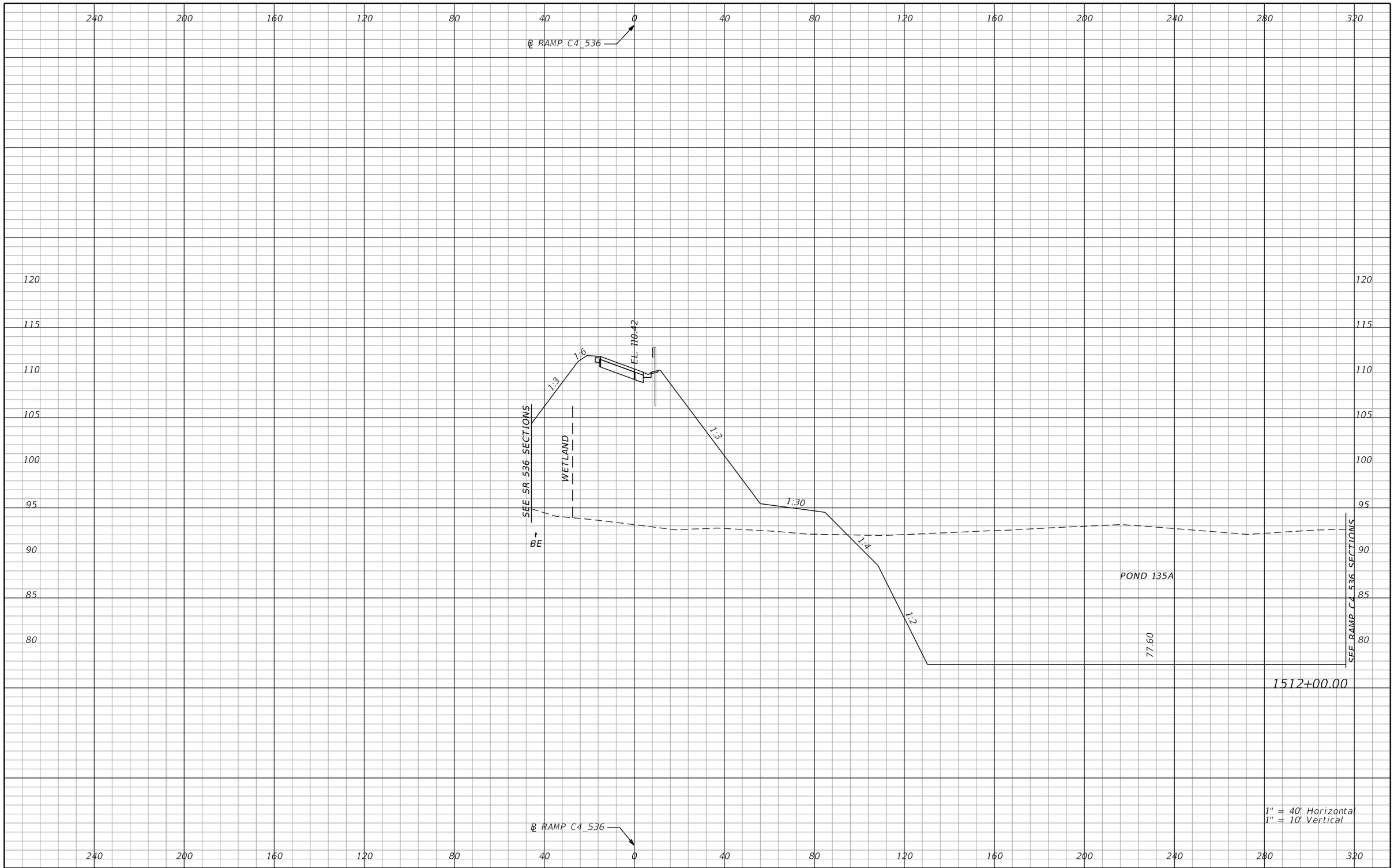
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C4_536 CROSS SECTIONS

SHEET NO. 1075

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C4_536 CROSS SECTIONS

SHEET NO. 1076

PRELIMINARY: NOT FOR CONSTRUCTION

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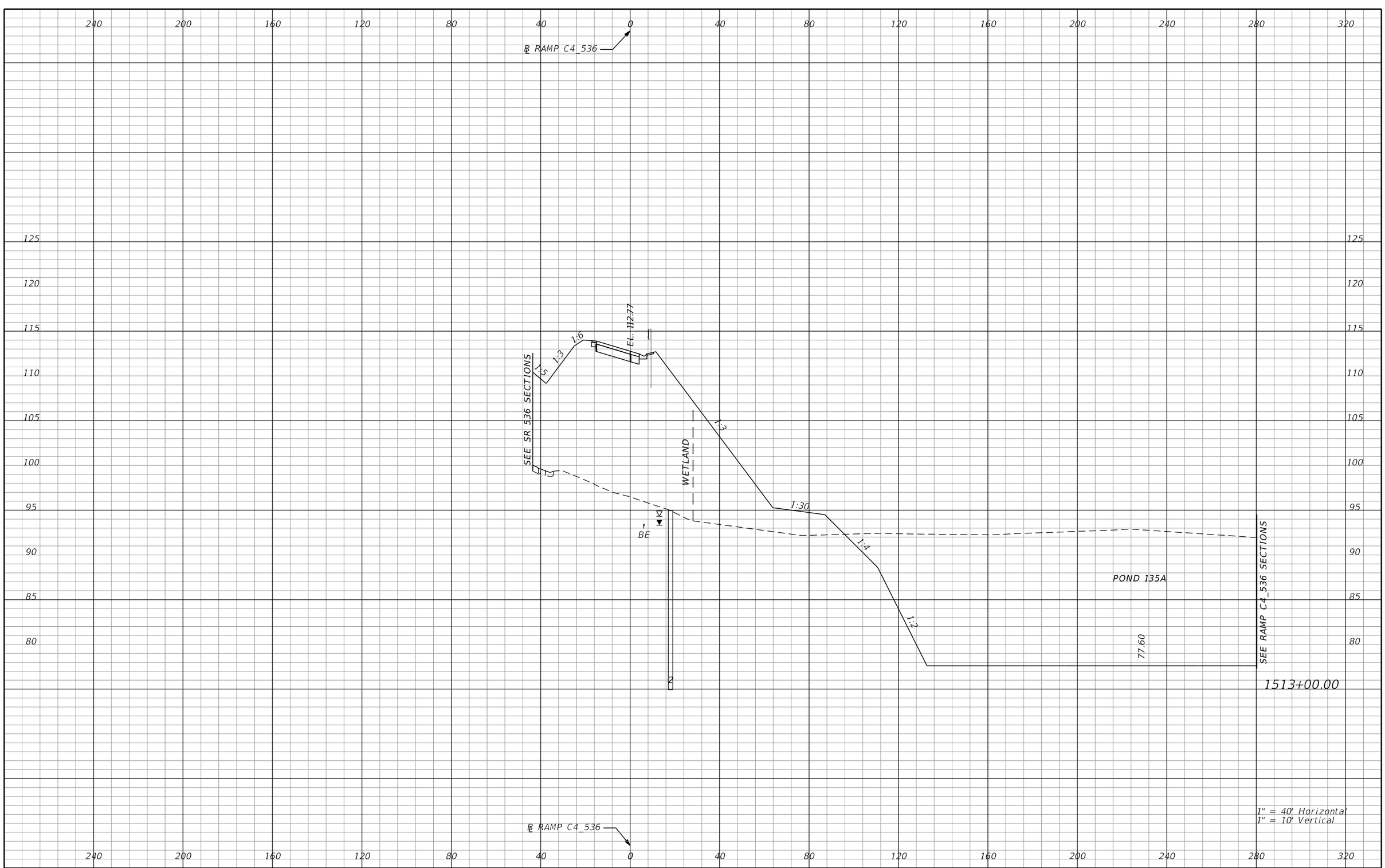

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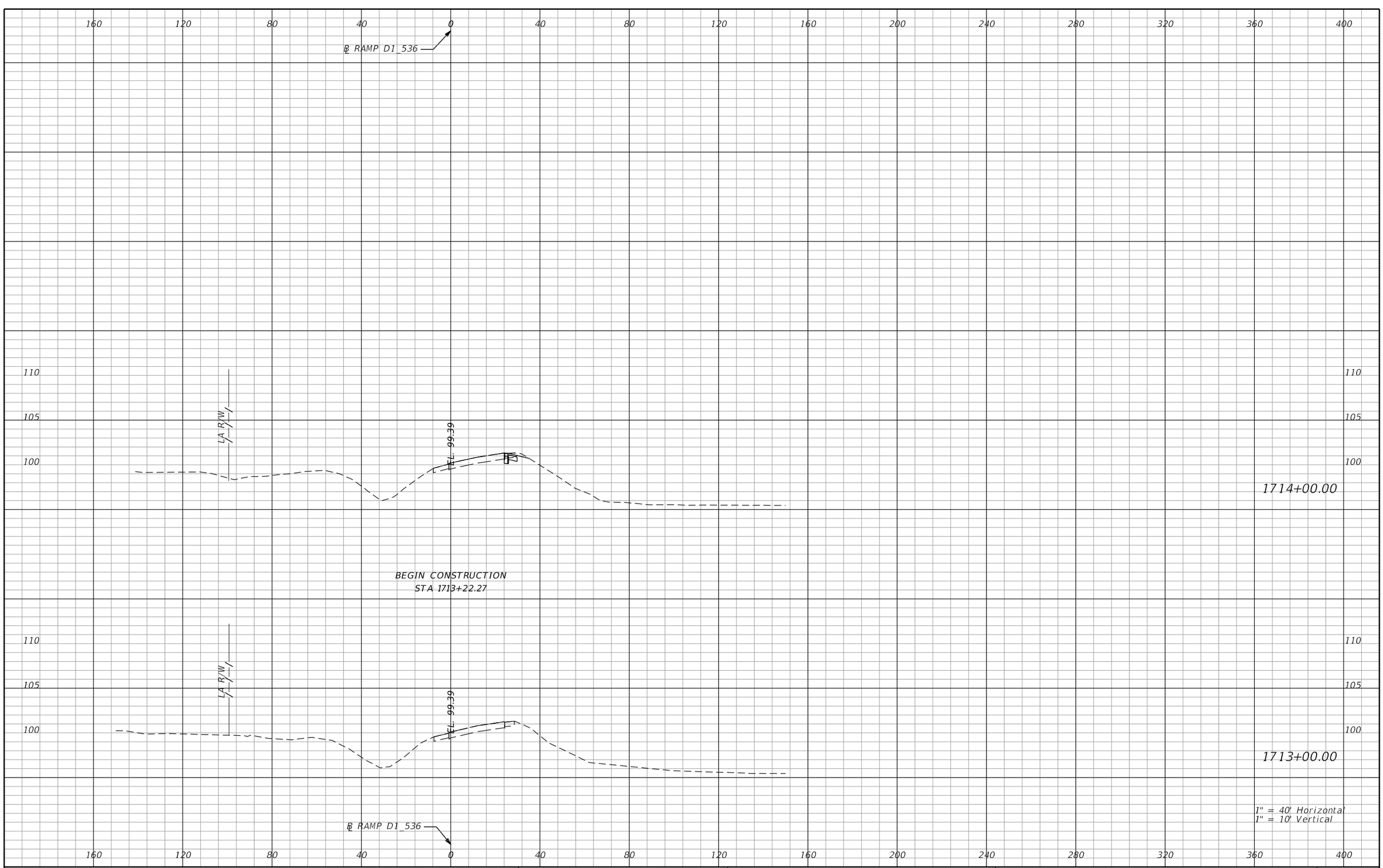
SR 400	ORANGE	242484-8-52-01

RAMP C4_536 CROSS SECTIONS

SHEET NO. 1077

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_536
CROSS SECTIONS

SHEET NO.
1078

PRELIMINARY: NOT FOR CONSTRUCTION

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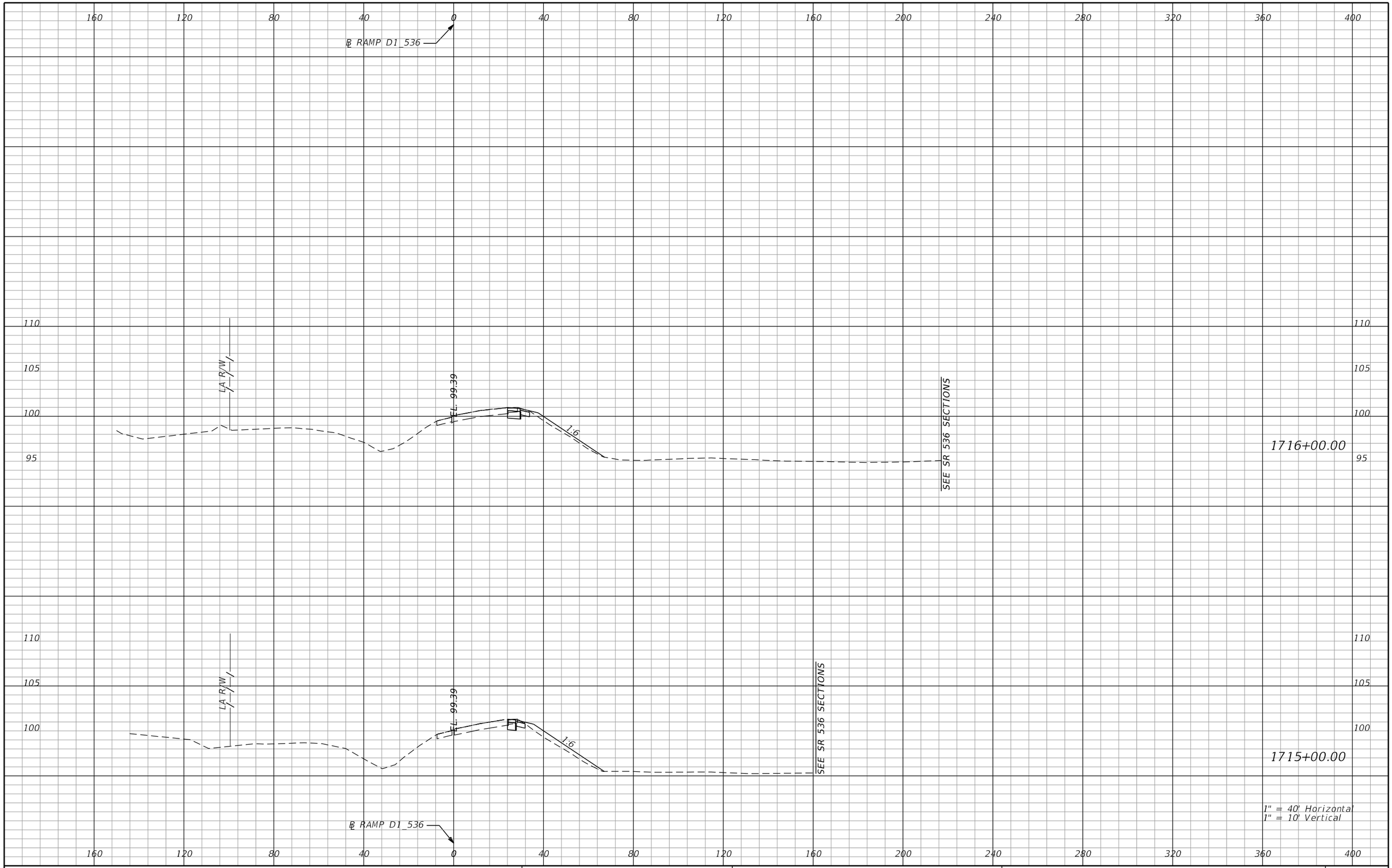

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_536 CROSS SECTIONS

SHEET NO. 1079

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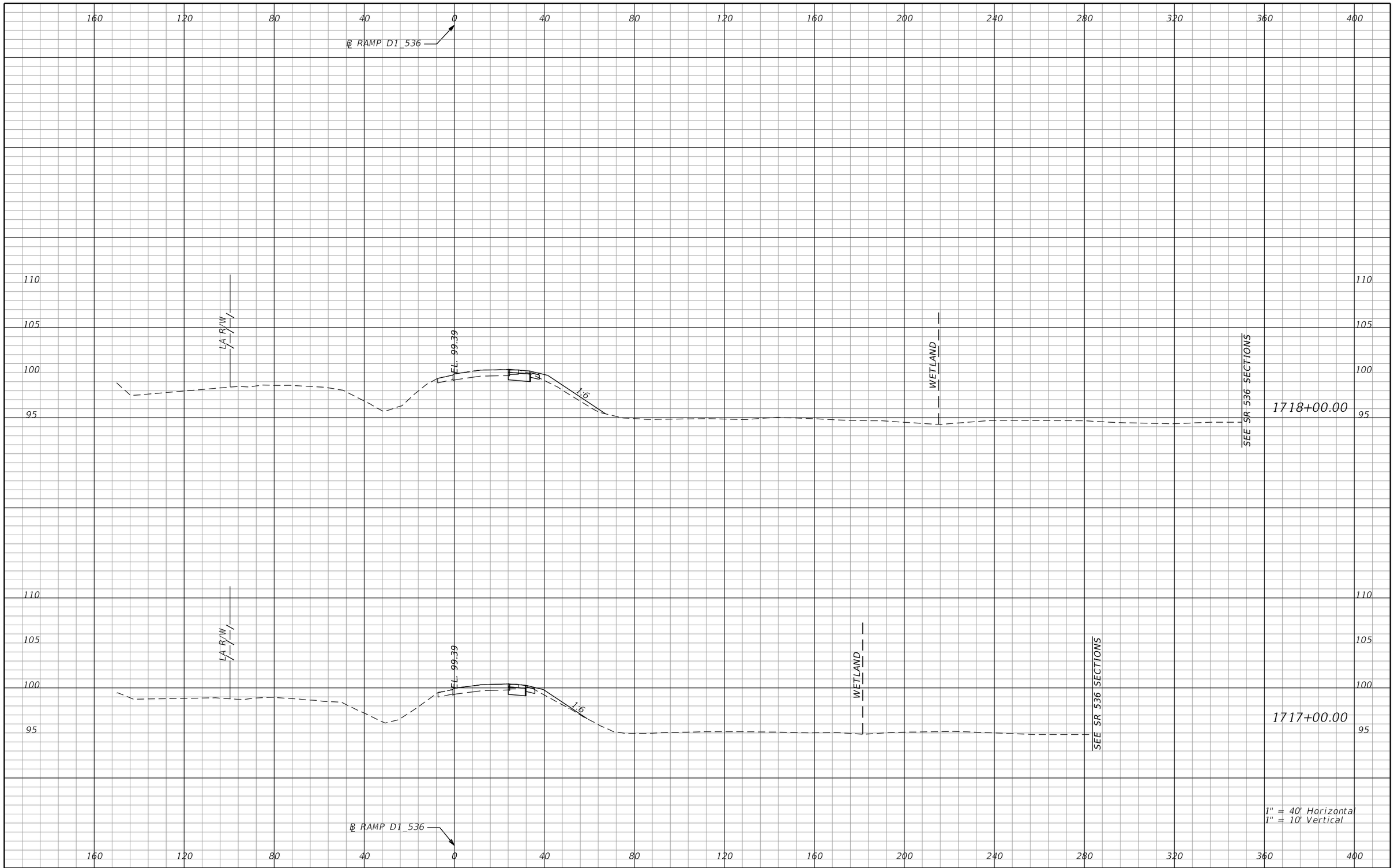

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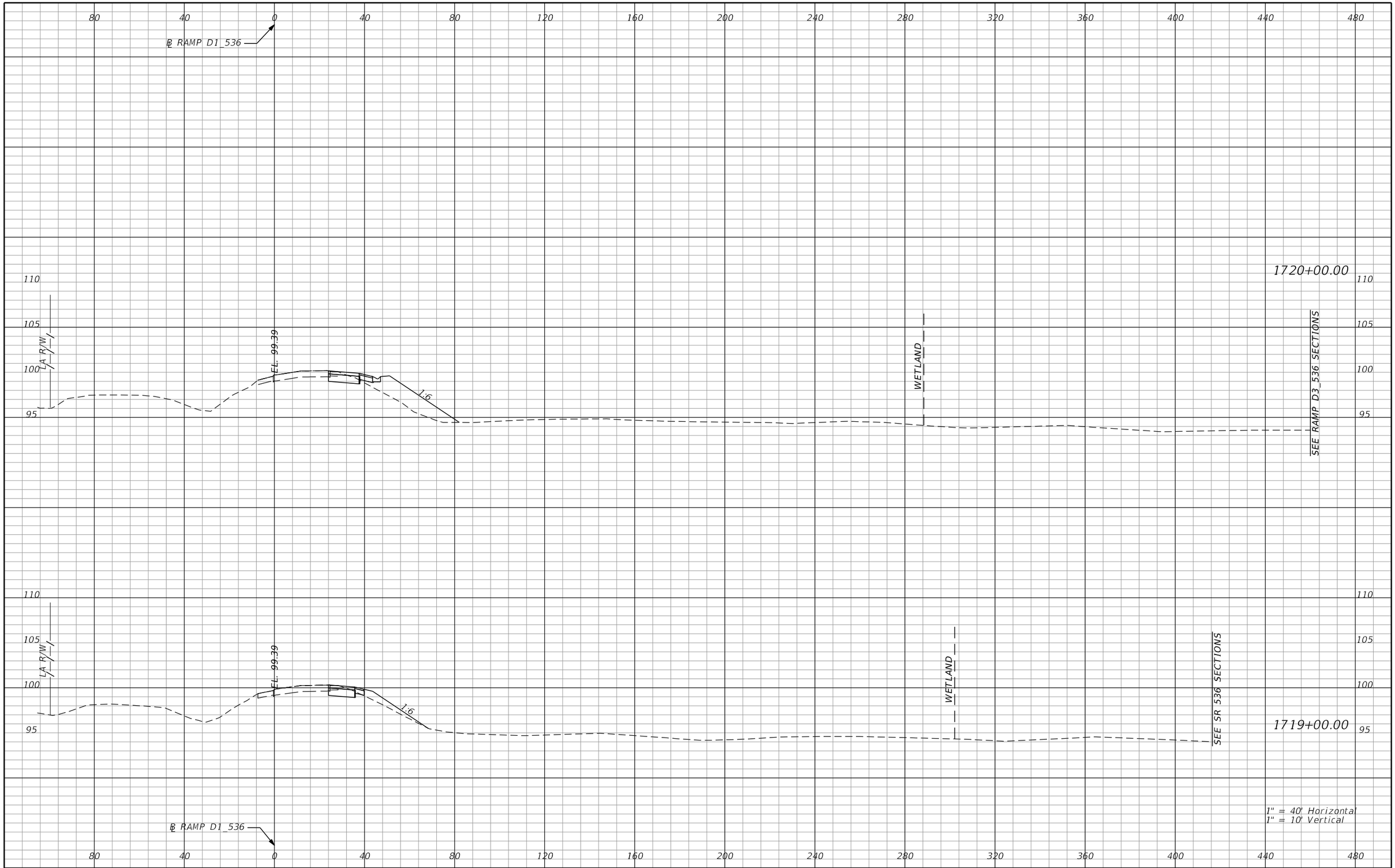
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_536 CROSS SECTIONS

SHEET NO. 1080

PRELIMINARY: NOT FOR CONSTRUCTION



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SR 400	ORANGE	242484-8-52-01

RAMP D1_536 CROSS SECTIONS

SHEET NO. 1081

PRELIMINARY: NOT FOR CONSTRUCTION

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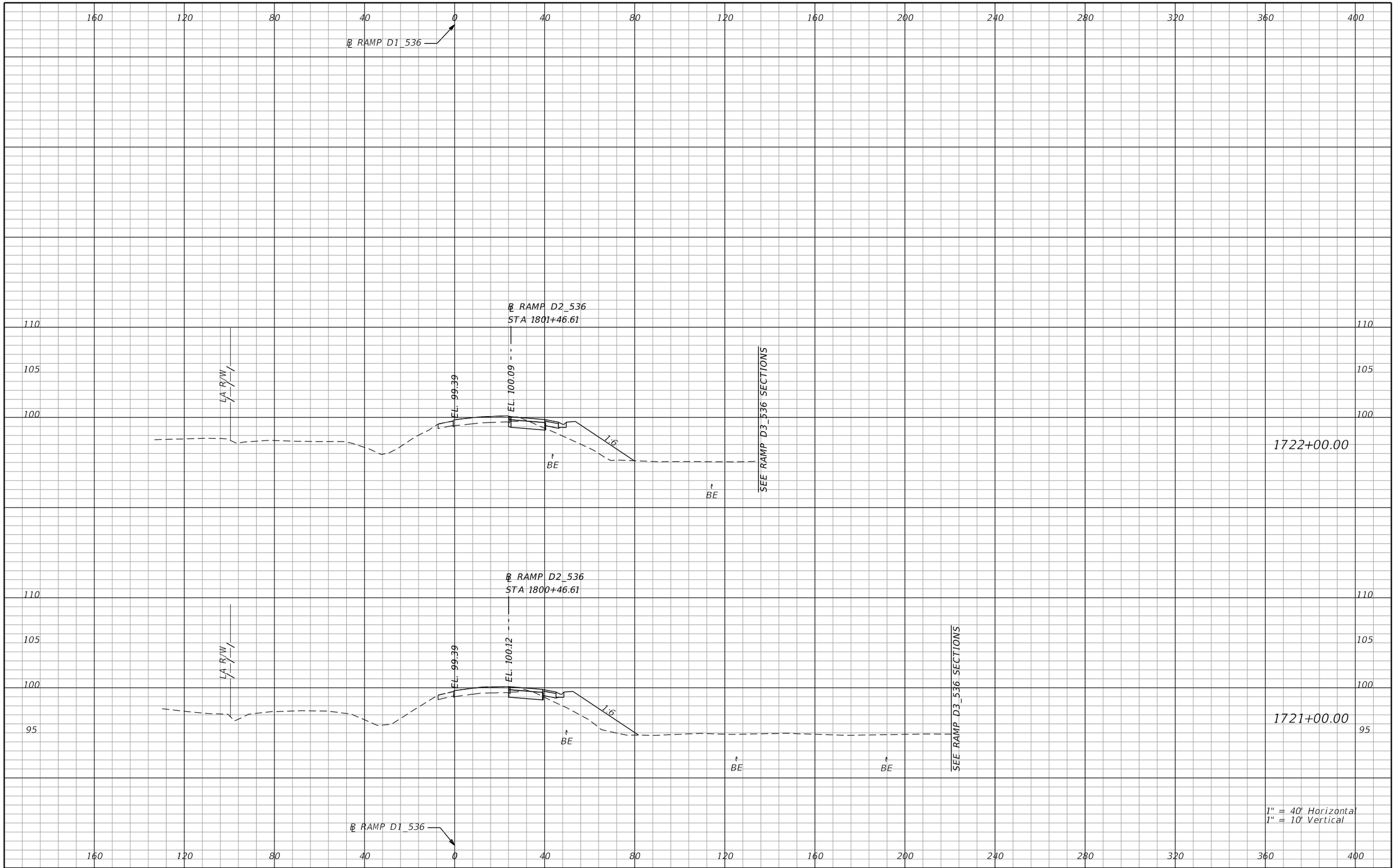

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

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SR 400	ORANGE	242484-8-52-01

RAMP D1_536 CROSS SECTIONS

SHEET NO. 1082

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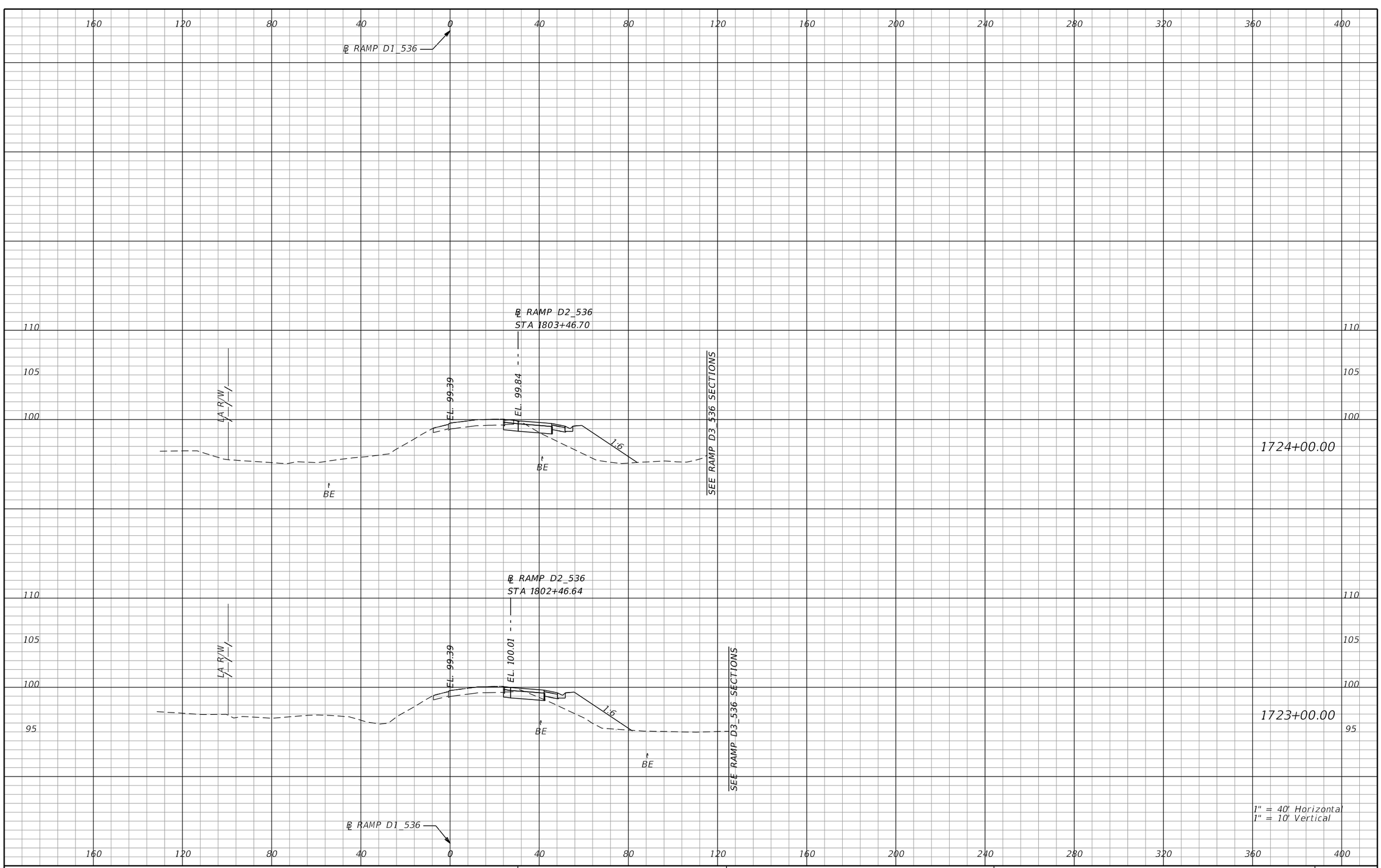

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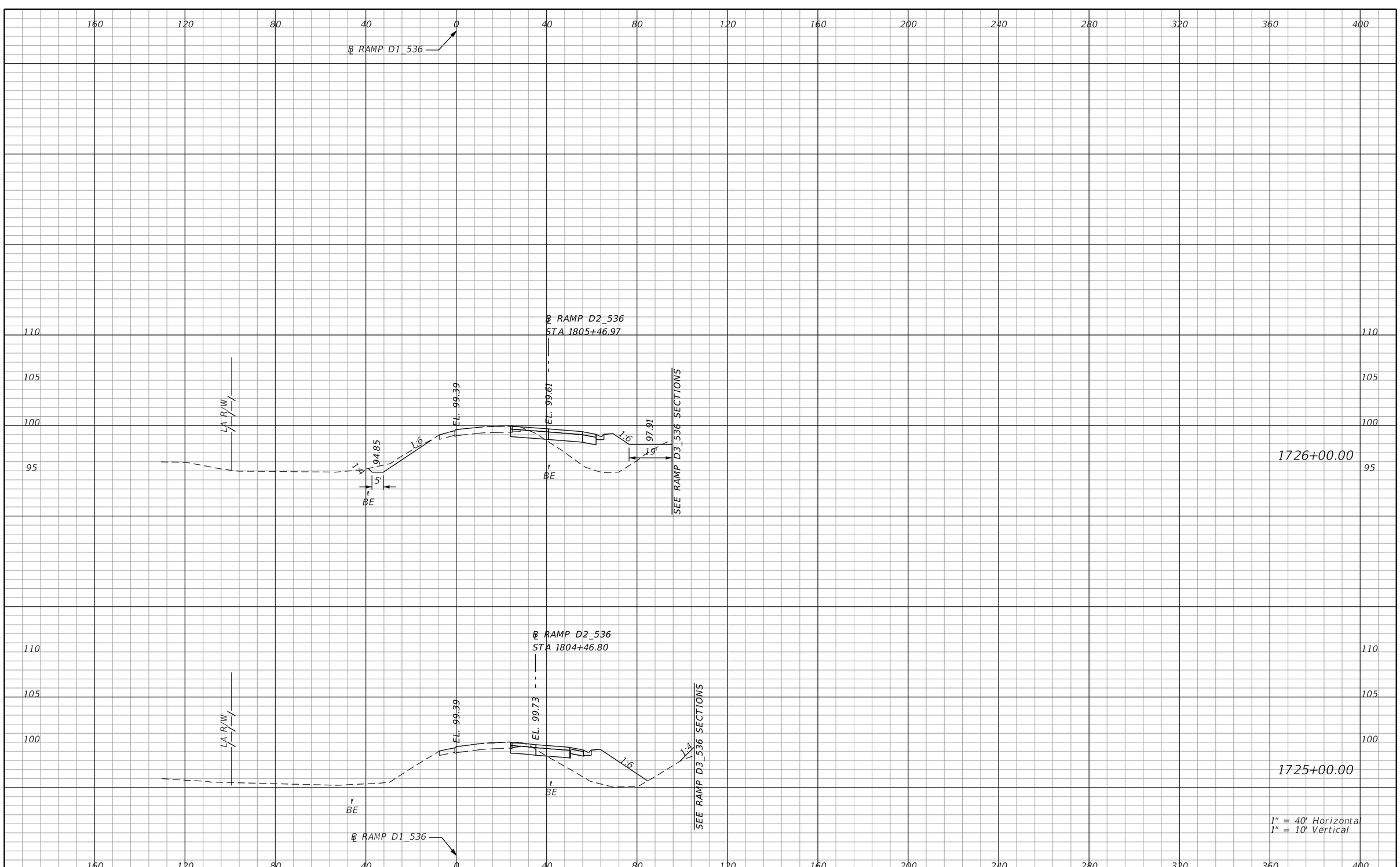
SR 400	ORANGE	242484-8-52-01

RAMP D1_536 CROSS SECTIONS

SHEET NO. 1083

PRELIMINARY: NOT FOR CONSTRUCTION



PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_536 CROSS SECTIONS

SHEET NO. 1084

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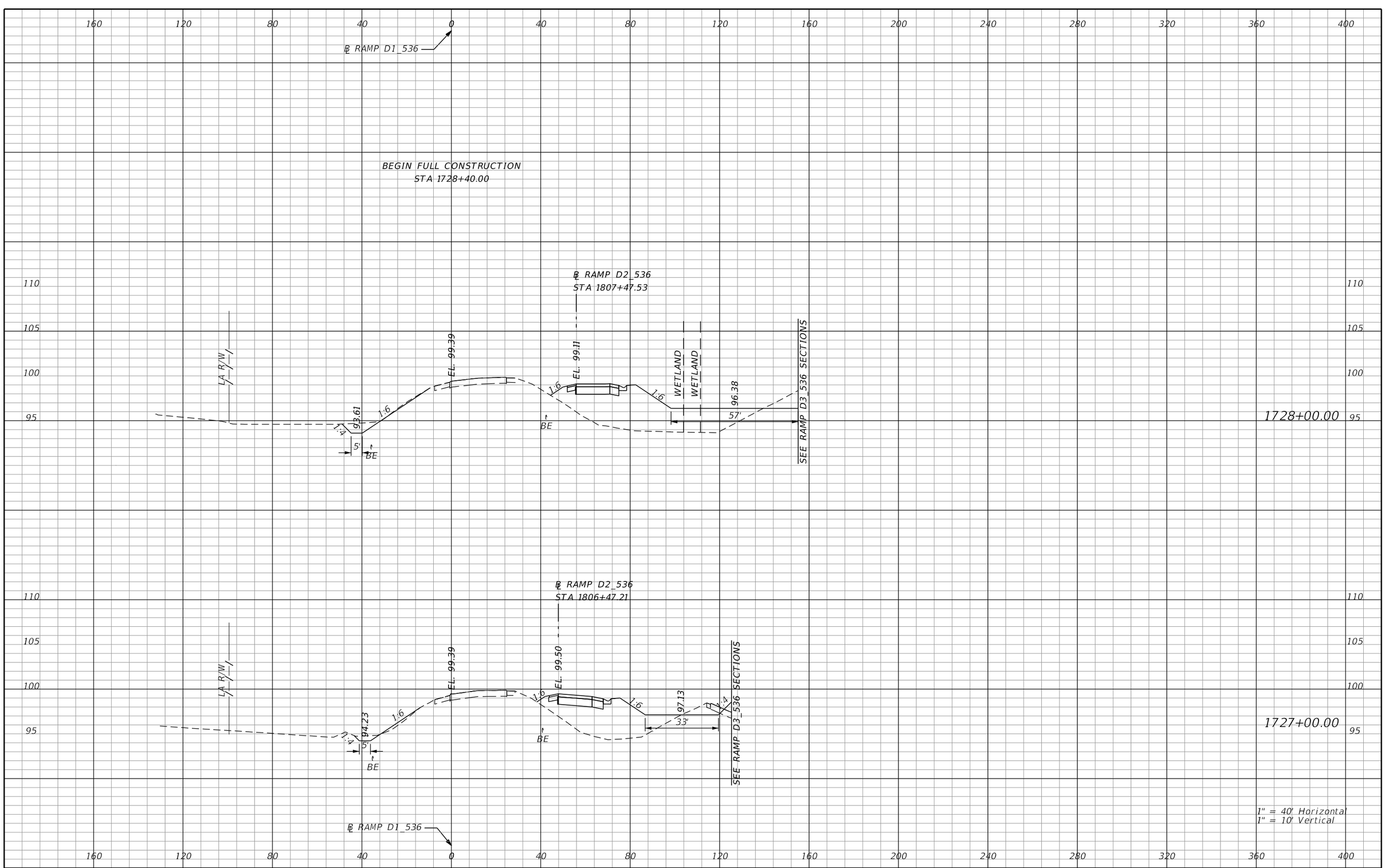

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_536 CROSS SECTIONS

SHEET NO. 1085

PRELIMINARY: NOT FOR CONSTRUCTION

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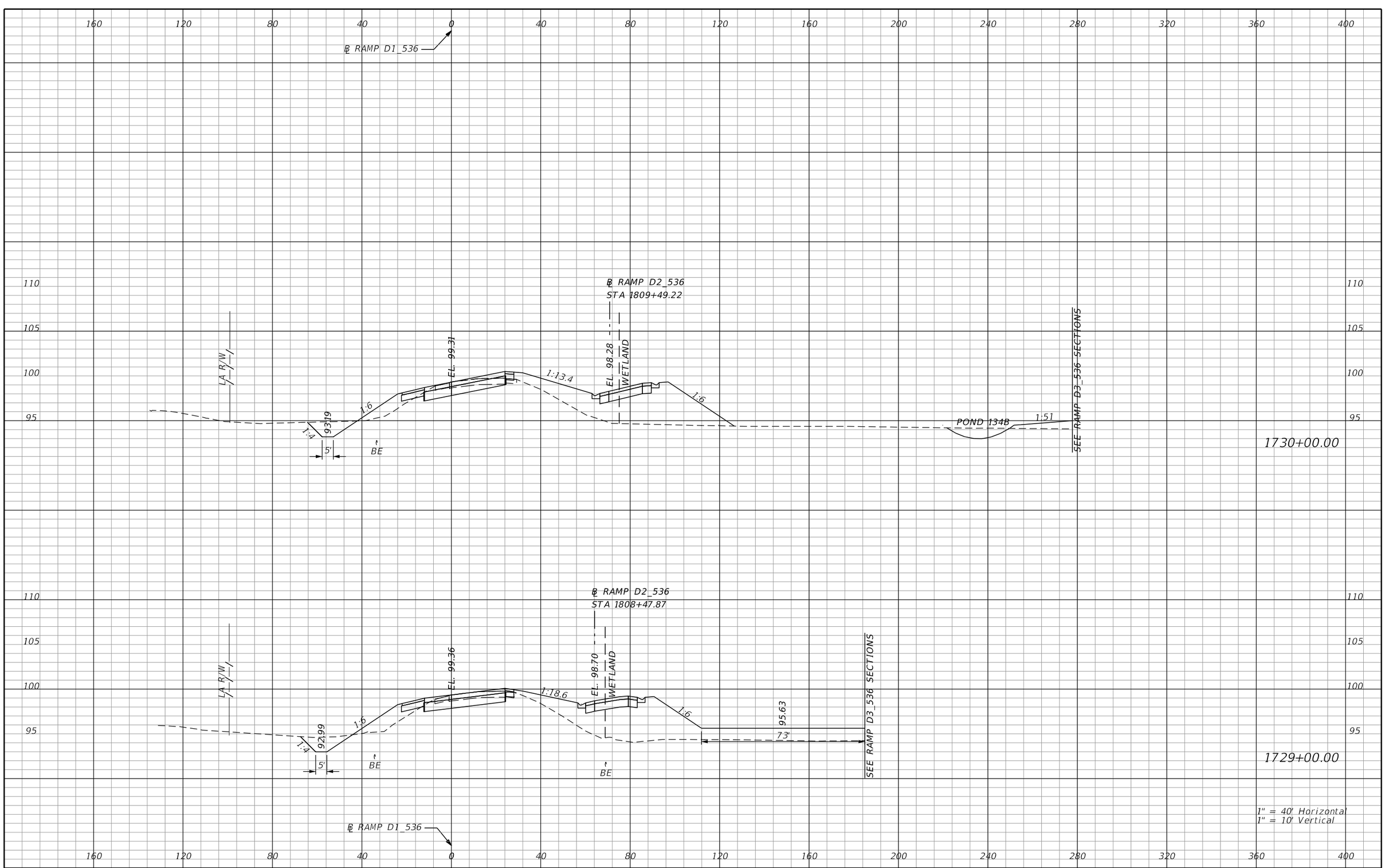

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_536 CROSS SECTIONS

SHEET NO. 1086

℄ RAMP D1_536

℄ RAMP D2_536
STA 1810+52.59

LA R/W

EL. 99.26

EL. 97.85

WETLAND

1:13.4

1:6

1:4

93

39

5'

BE

1:6

1:3

1:2

POND 134B

77.60

SEE SR 400 (1-4) SECTIONS

1731+00.00

1" = 40' Horizontal
1" = 10' Vertical

℄ RAMP D1_536

160 120 80 40 0 40 80 120 160 200 240 280 320 360 400

110 105 100 95 90 85 80

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_536 CROSS SECTIONS

SHEET NO. 1087

PRELIMINARY: NOT FOR CONSTRUCTION

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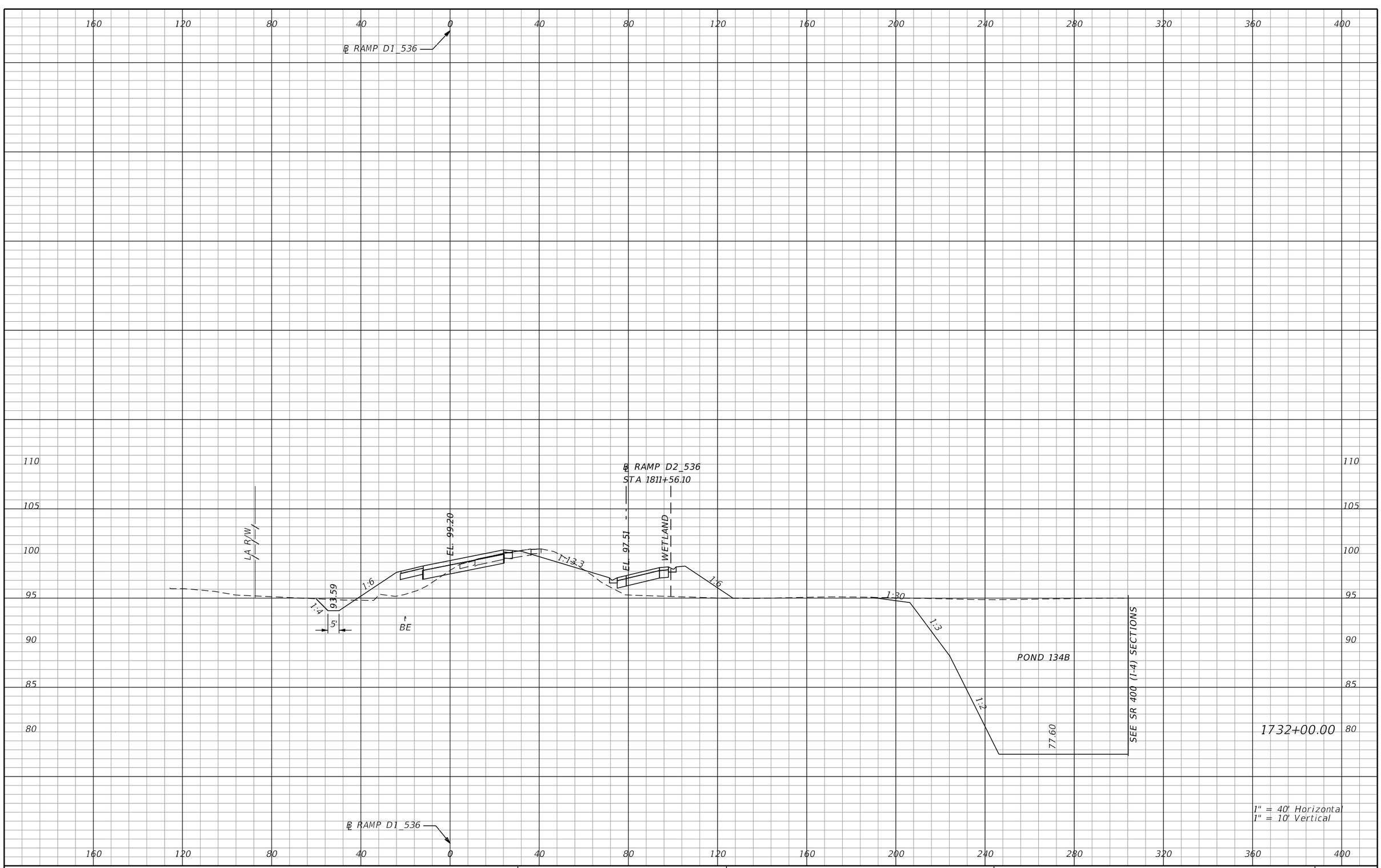

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_536 CROSS SECTIONS

SHEET NO. 1088

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ RAMP D1_536

℄ RAMP D2_536
STA 1812+59.69

LA R/W

EL. 99.15

EL. 97.61

WETLAND

1:14.8

1:6

1:4

9.79

5'

BE

1:6

1:30

1:3

POND 134B

1:2

77.60

SEE SR 400 (1-4) SECTIONS

1733+00.00

1" = 40' Horizontal
1" = 10' Vertical

℄ RAMP D1_536

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_536
CROSS SECTIONS

SHEET NO. 1089

PRELIMINARY: NOT FOR CONSTRUCTION

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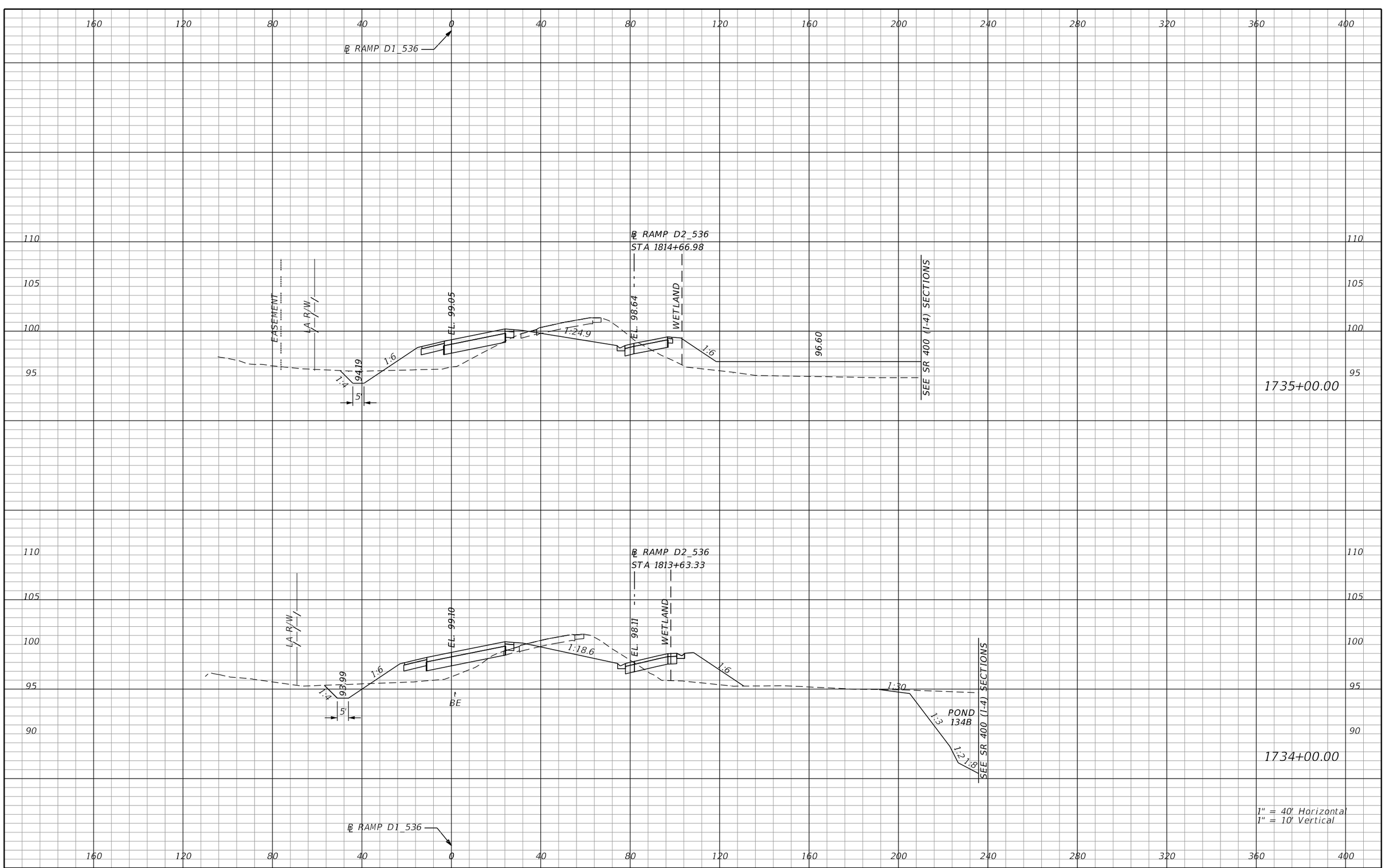

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_536
CROSS SECTIONS

SHEET NO. 1090

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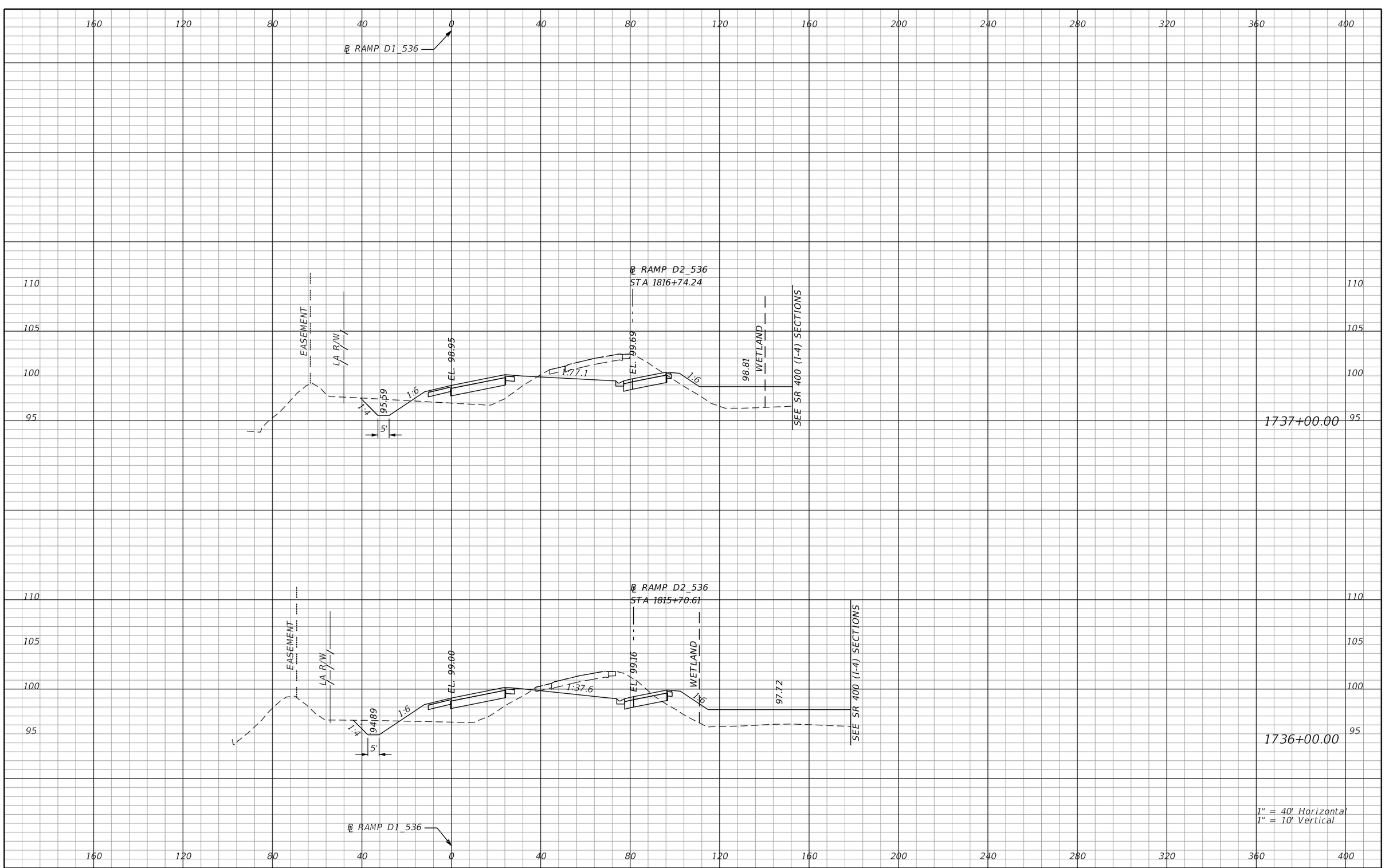

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_536
CROSS SECTIONS

SHEET NO. 1091

PRELIMINARY: NOT FOR CONSTRUCTION

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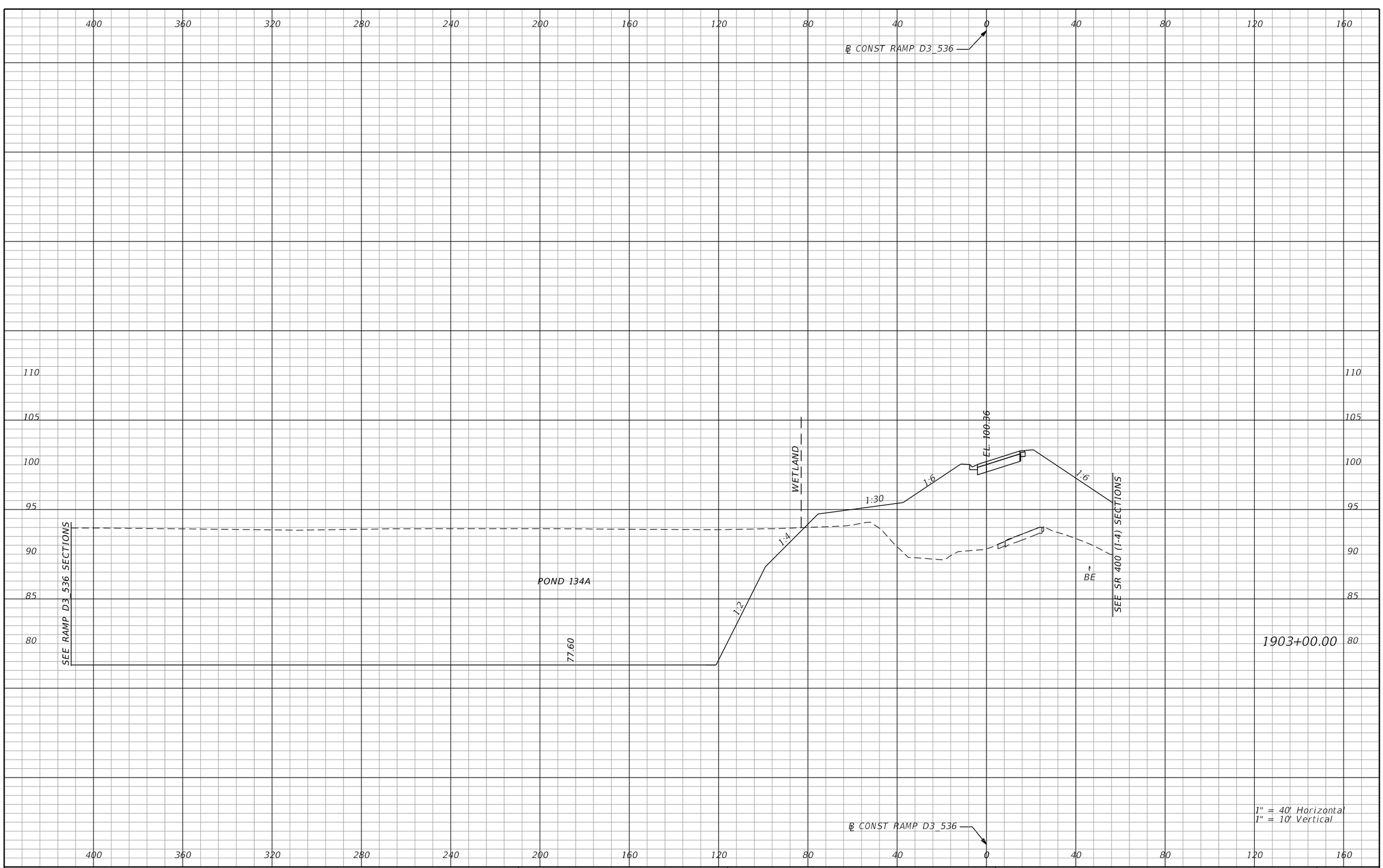

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D3_536 CROSS SECTIONS

SHEET NO. 1092

PRELIMINARY: NOT FOR CONSTRUCTION

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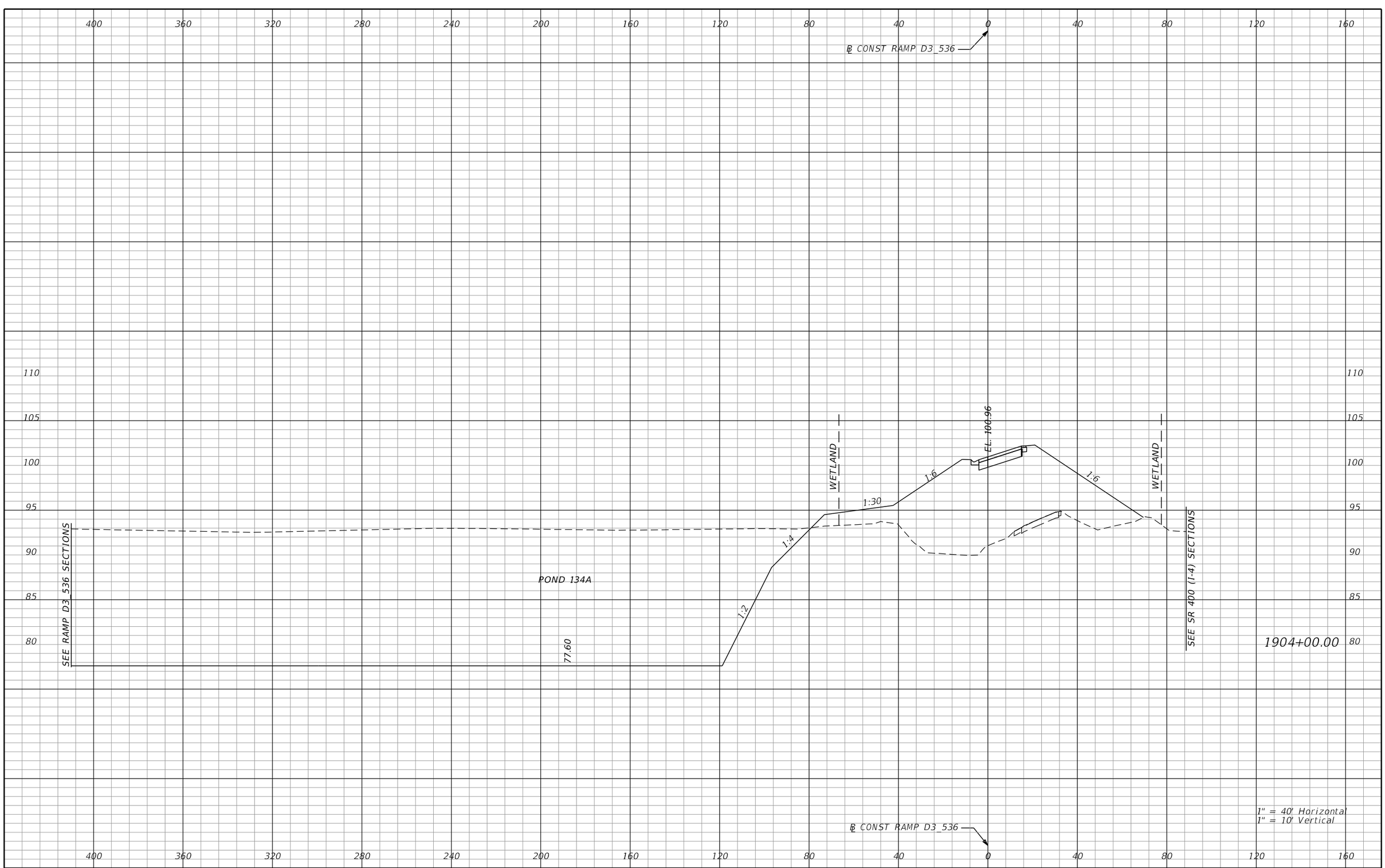

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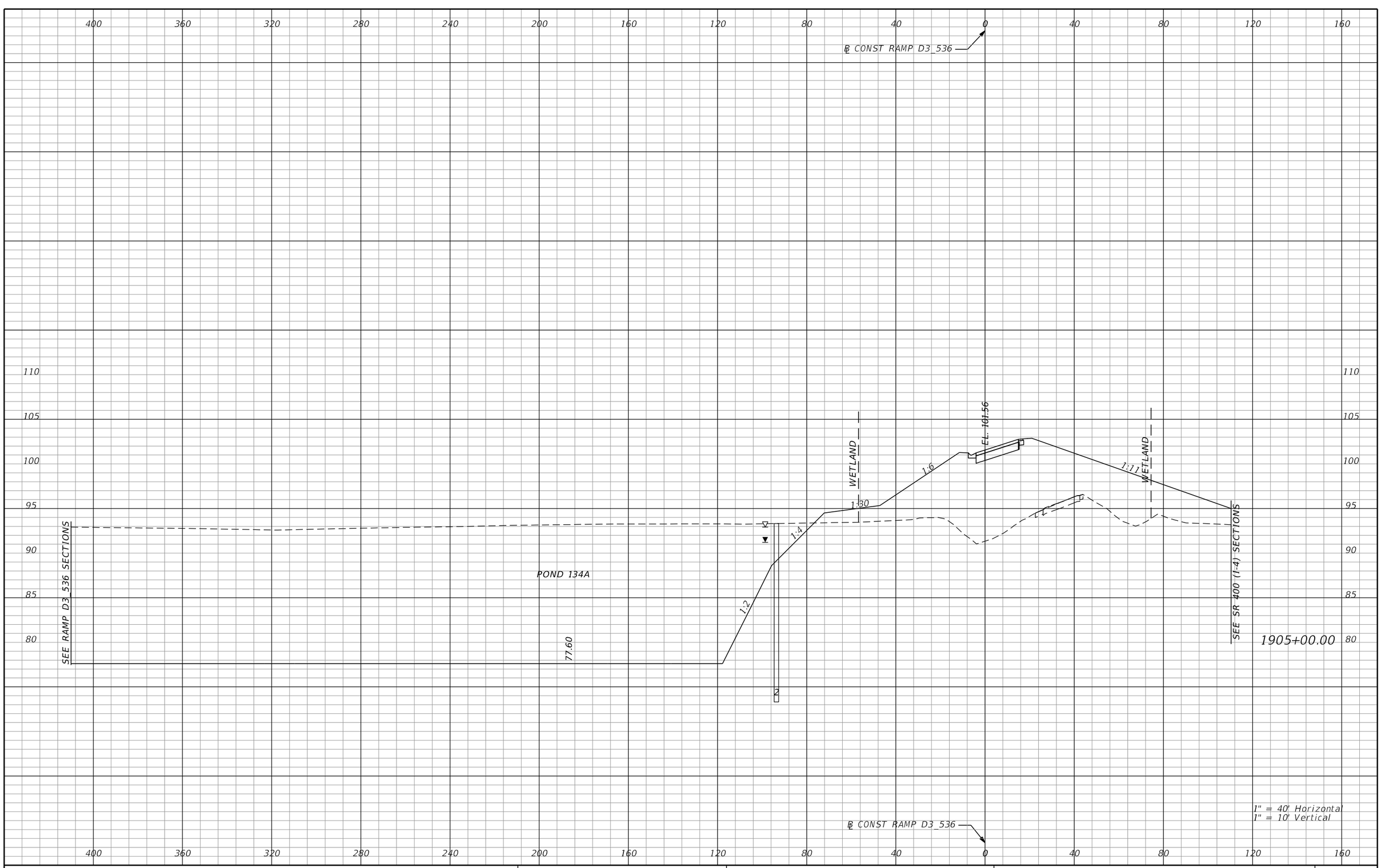
SR 400	ORANGE	242484-8-52-01

RAMP D3_536 CROSS SECTIONS

SHEET NO. 1093

PRELIMINARY: NOT FOR CONSTRUCTION



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SR 400	ORANGE	242484-8-52-01

RAMP D3_536 CROSS SECTIONS

SHEET NO. 1094

PRELIMINARY: NOT FOR CONSTRUCTION

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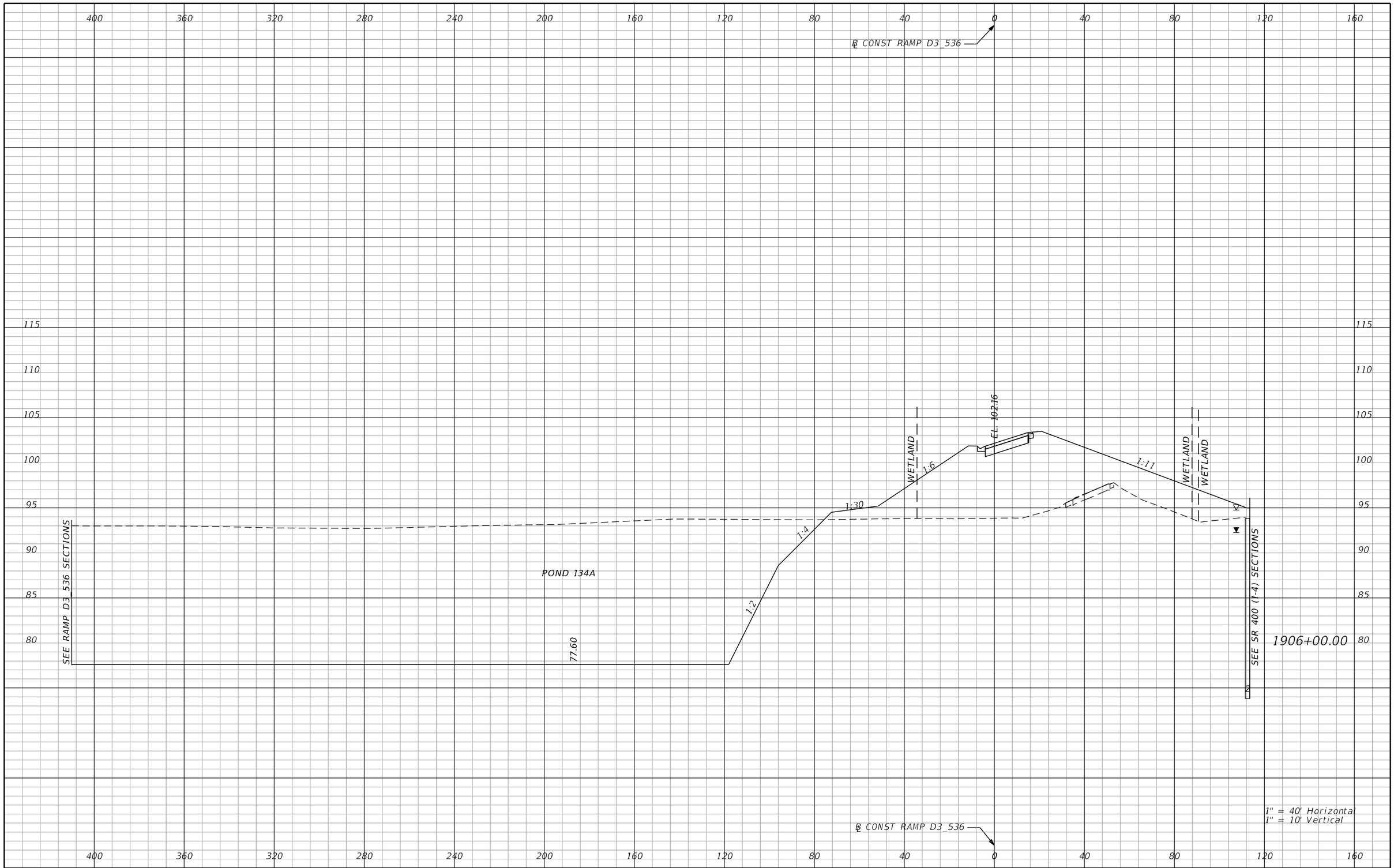

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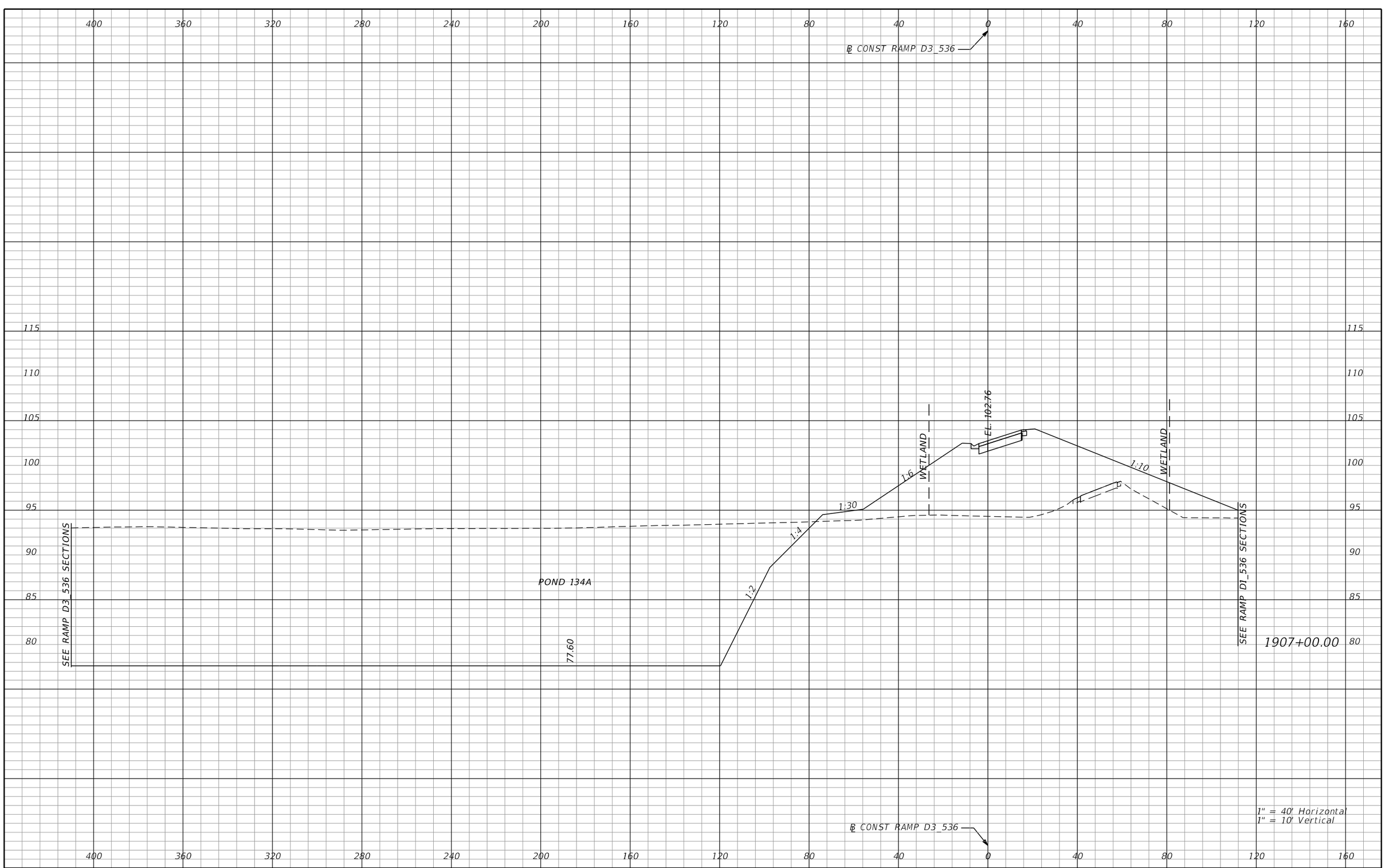
SR 400	ORANGE	242484-8-52-01

RAMP D3_536 CROSS SECTIONS

SHEET NO. 1095

PRELIMINARY: NOT FOR CONSTRUCTION



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RAMP D3_536 CROSS SECTIONS

SHEET NO. 1096

PRELIMINARY: NOT FOR CONSTRUCTION

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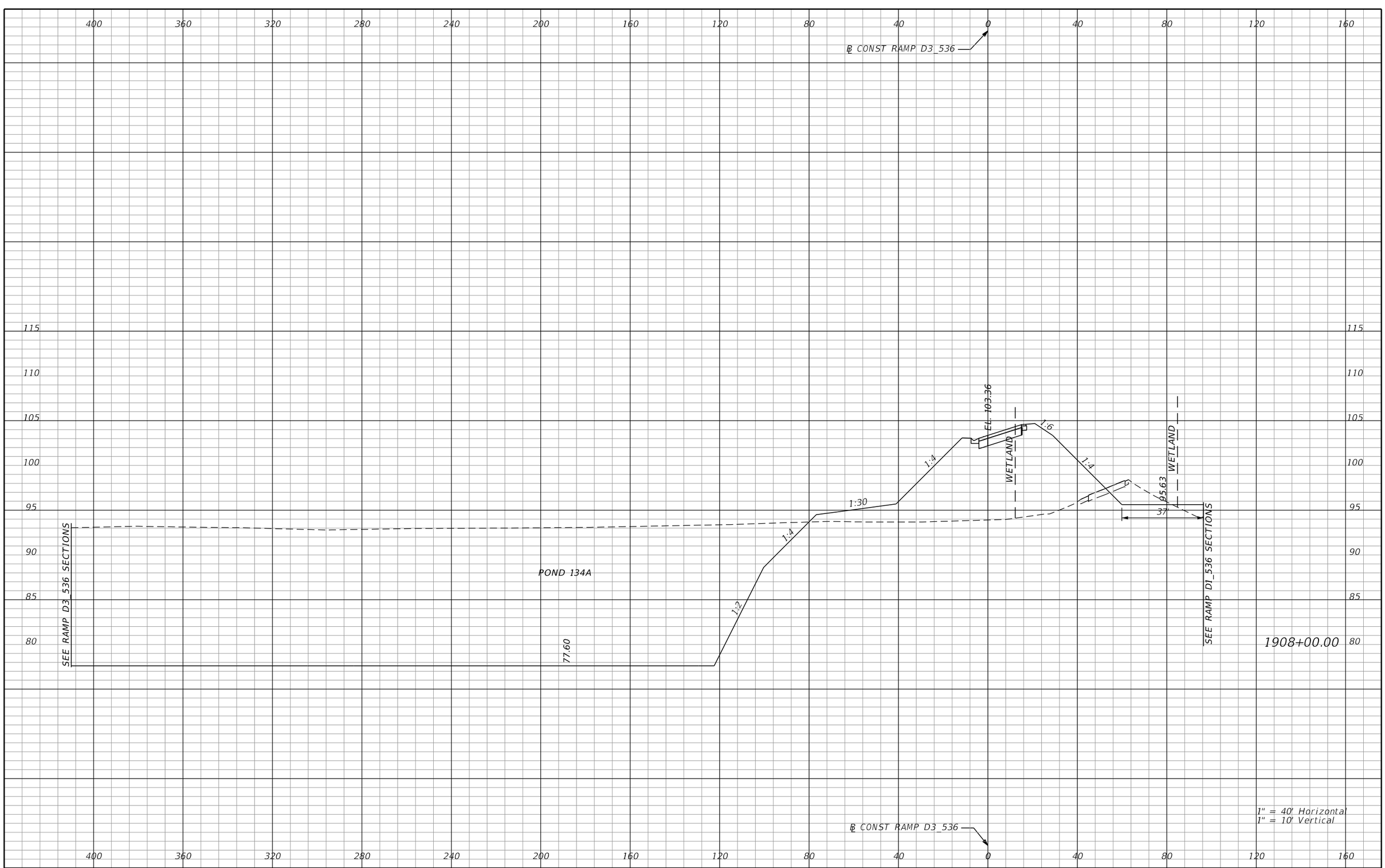

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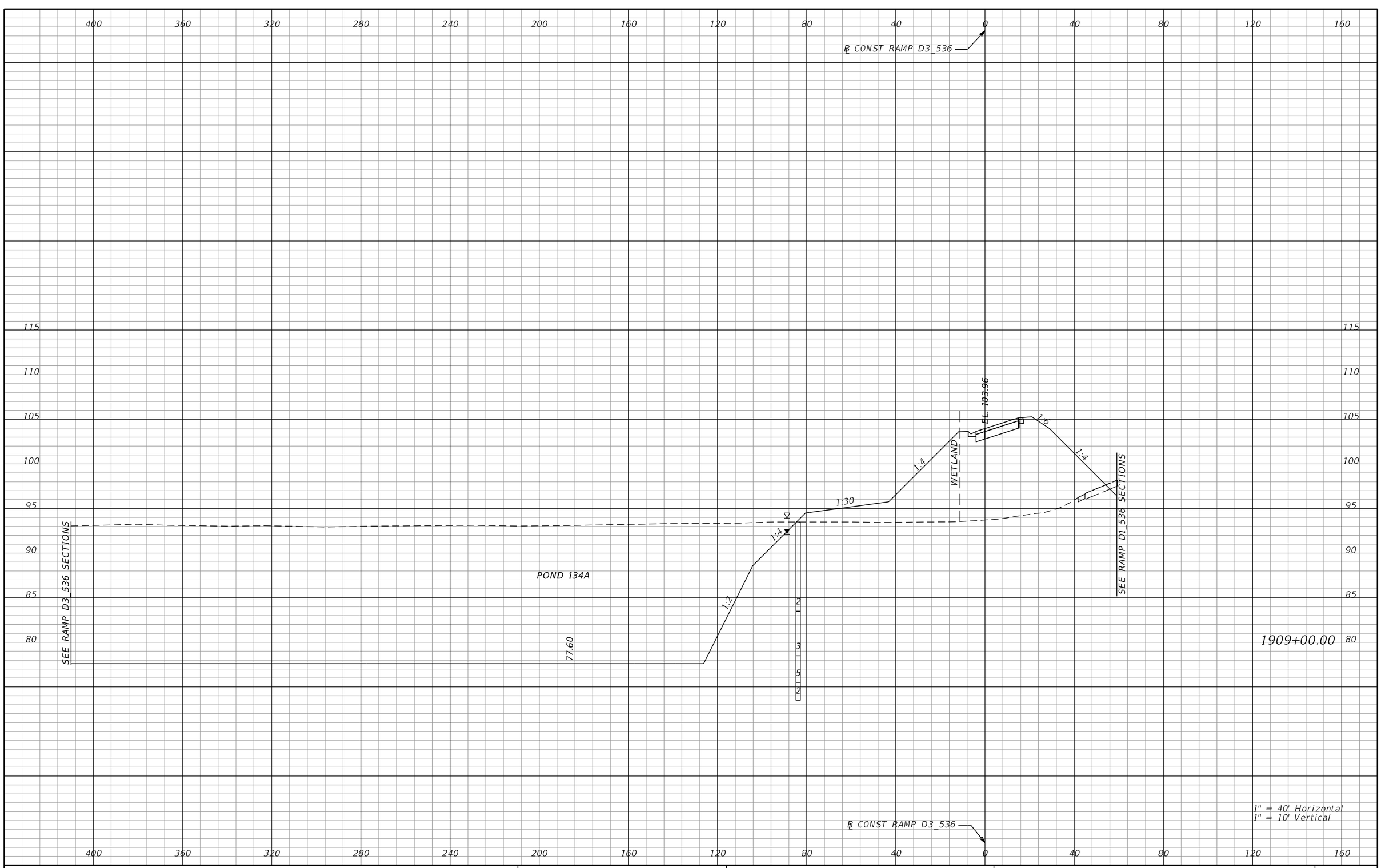
SR 400	ORANGE	242484-8-52-01

RAMP D3_536 CROSS SECTIONS

SHEET NO. 1097

PRELIMINARY: NOT FOR CONSTRUCTION



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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D3_536 CROSS SECTIONS

SHEET NO. 1098

PRELIMINARY: NOT FOR CONSTRUCTION

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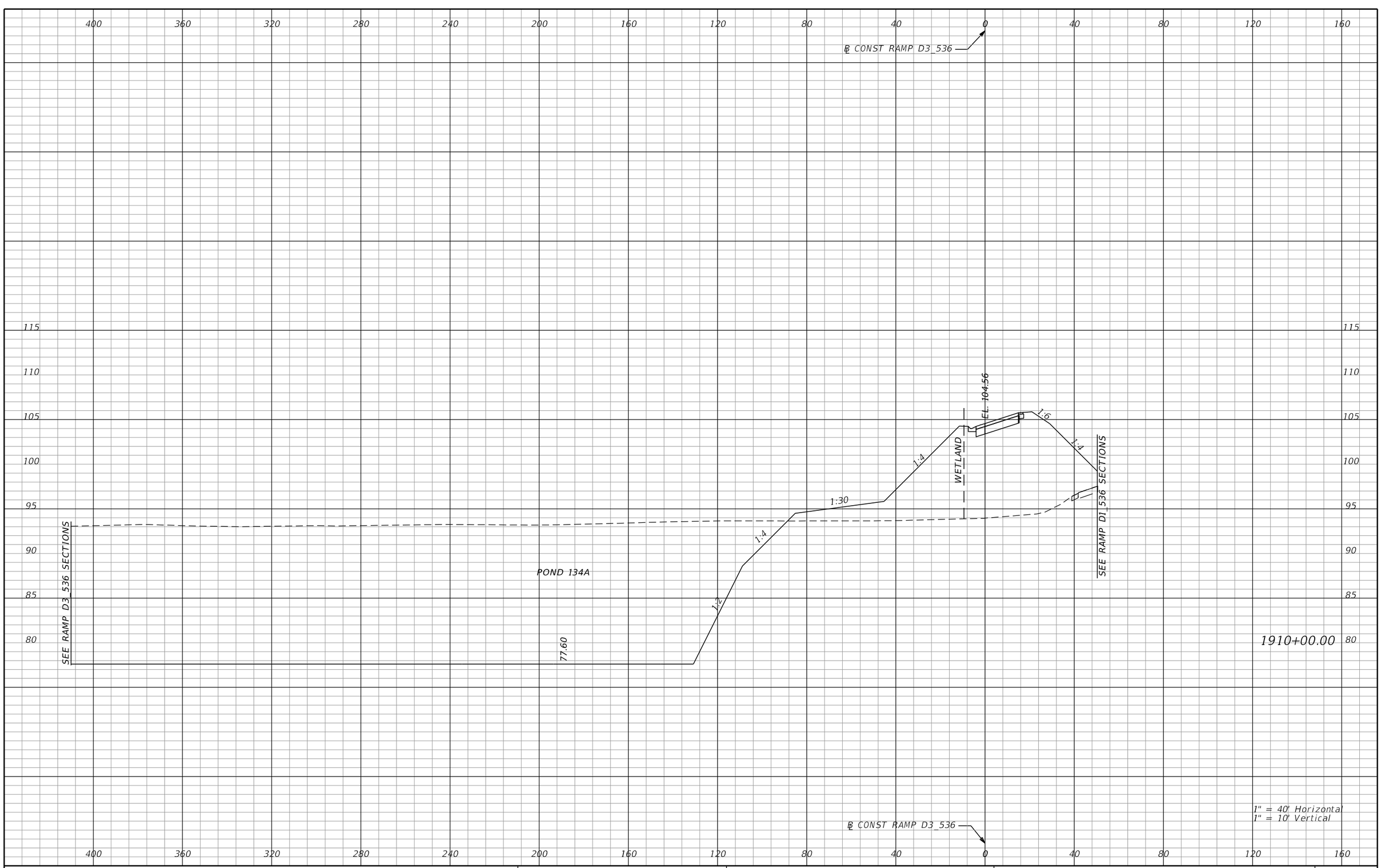

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D3_536 CROSS SECTIONS

SHEET NO. 1099

PRELIMINARY: NOT FOR CONSTRUCTION

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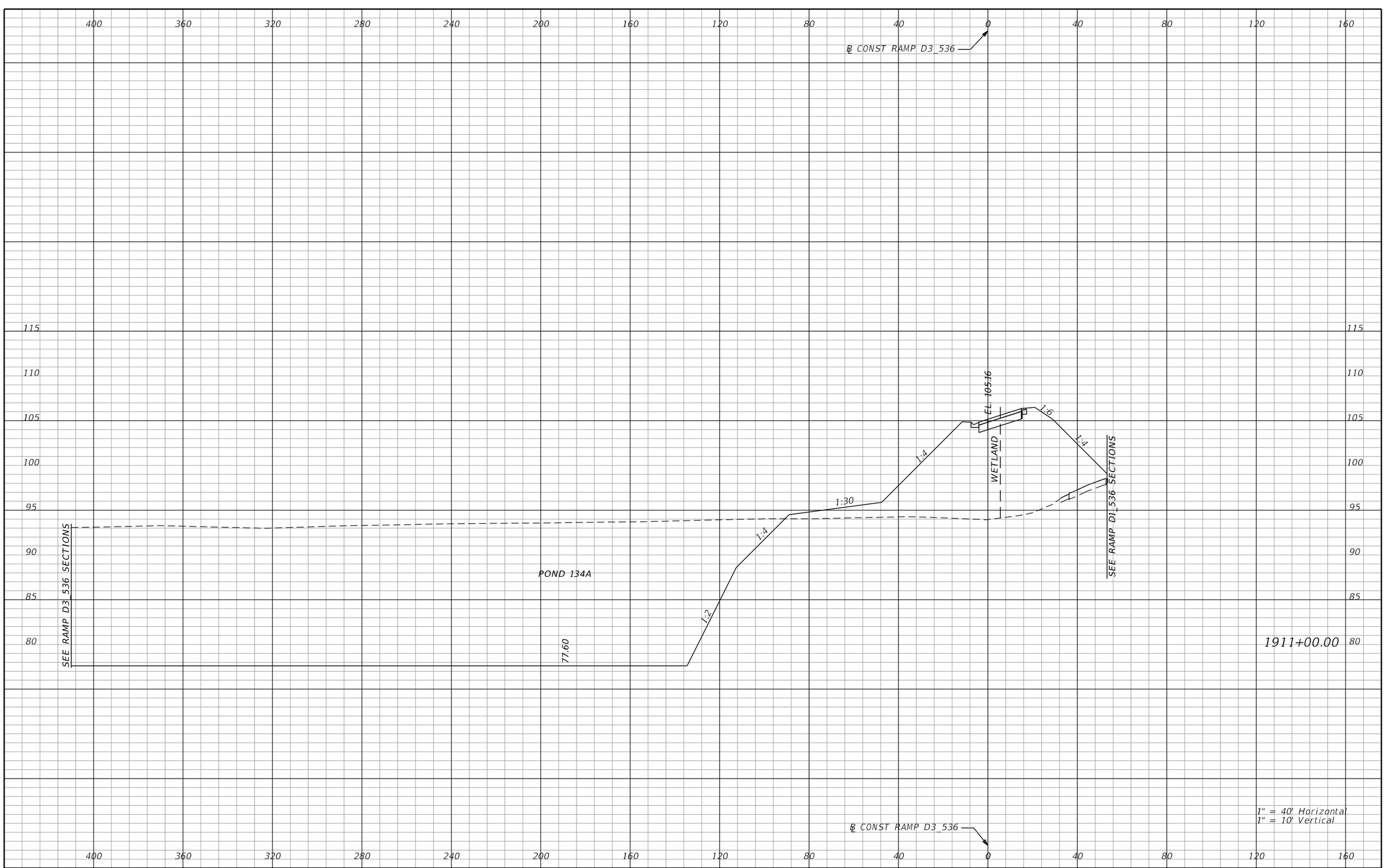

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

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SHEET NO. 1100

PRELIMINARY: NOT FOR CONSTRUCTION

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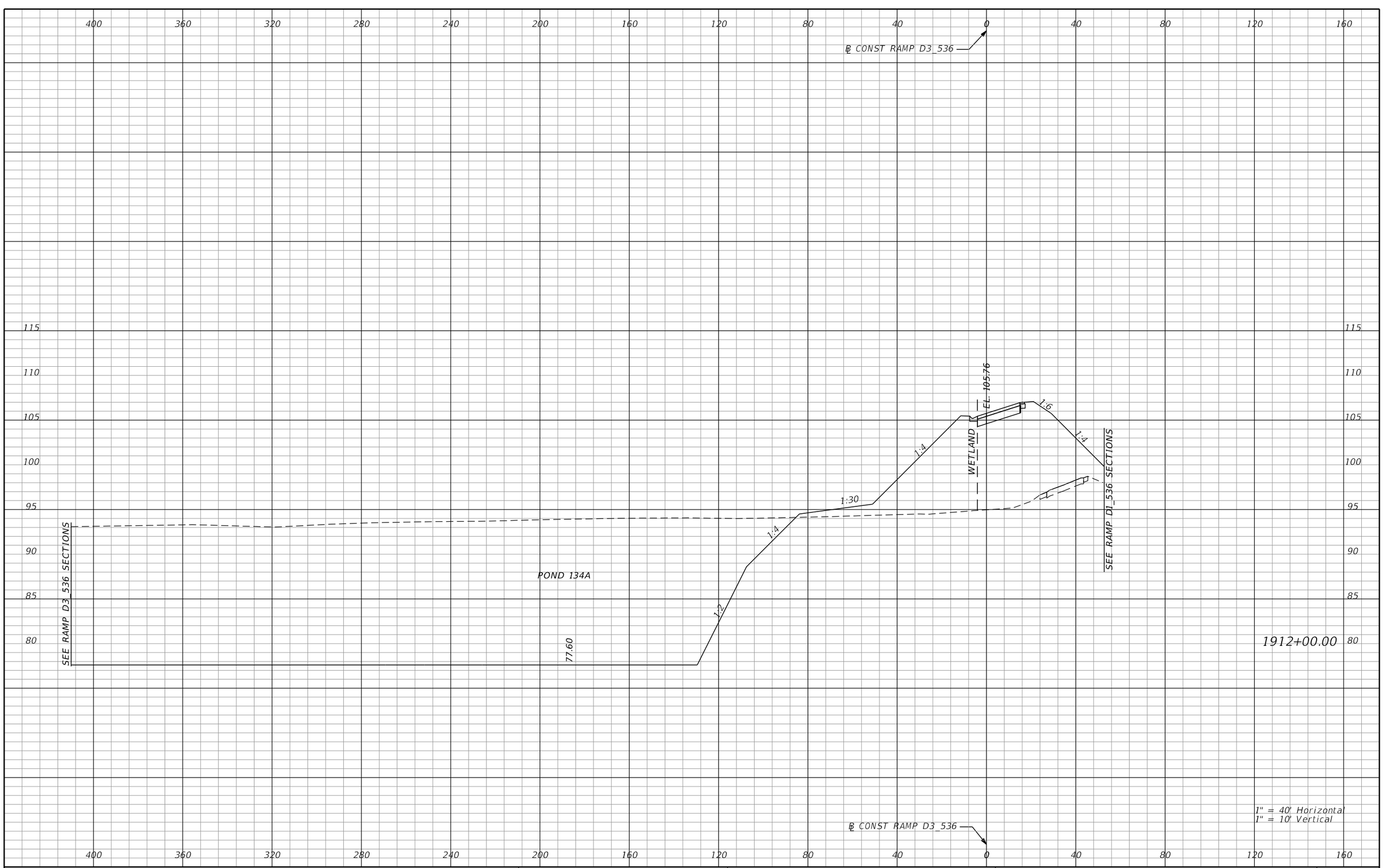

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

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SHEET NO. 1101

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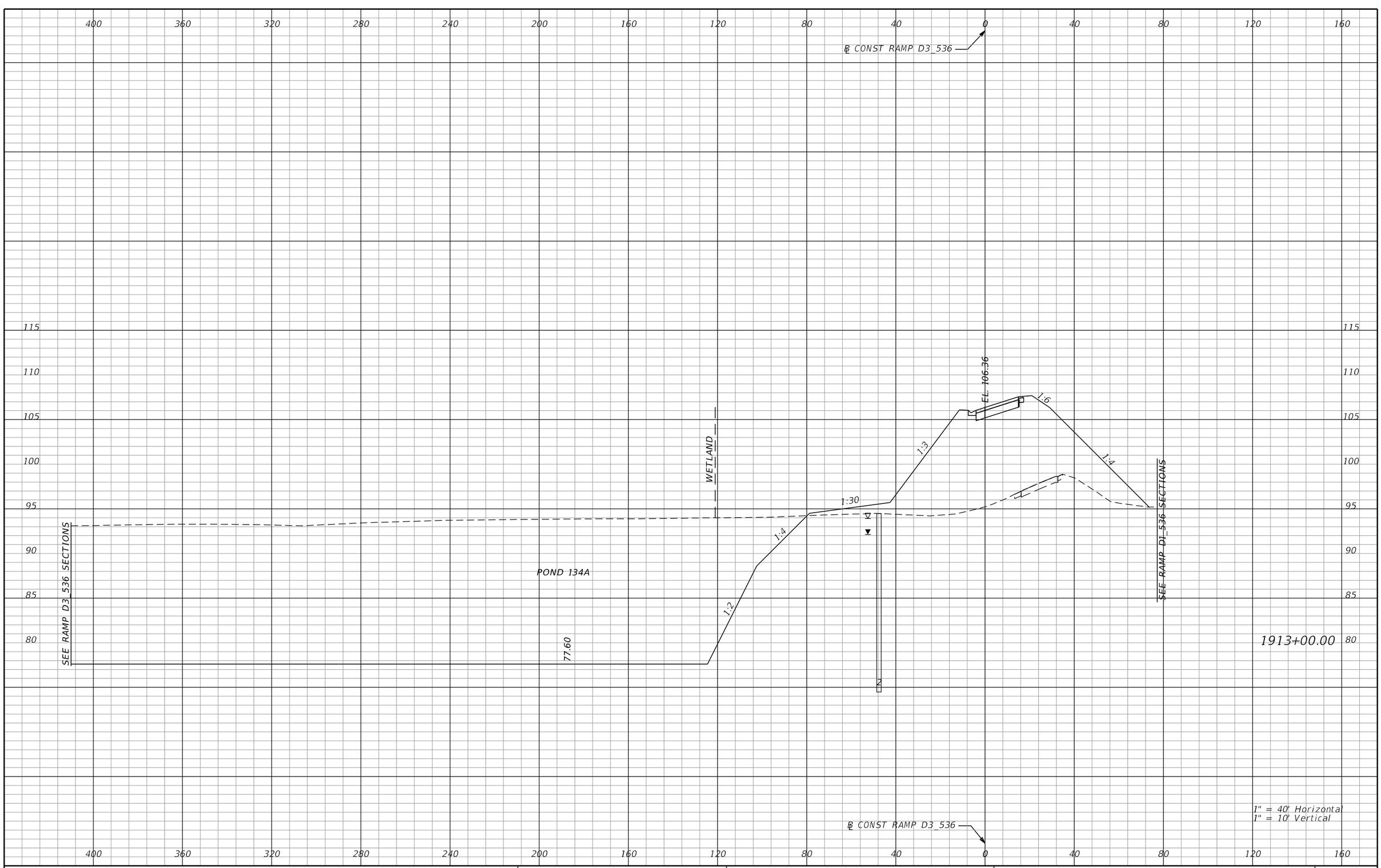

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D3_536 CROSS SECTIONS

SHEET NO. 1102

PRELIMINARY: NOT FOR CONSTRUCTION

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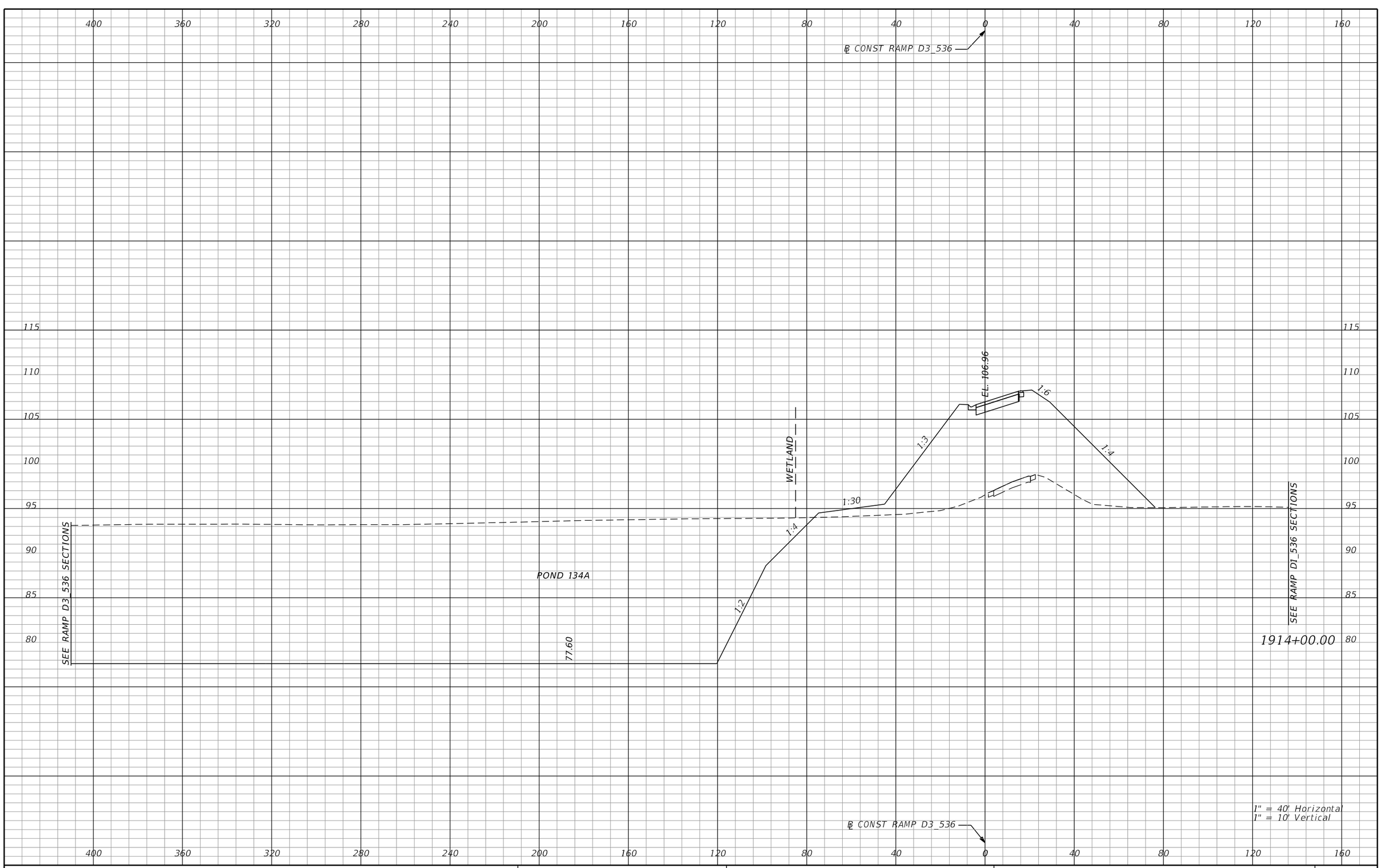

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

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SHEET NO. 1103

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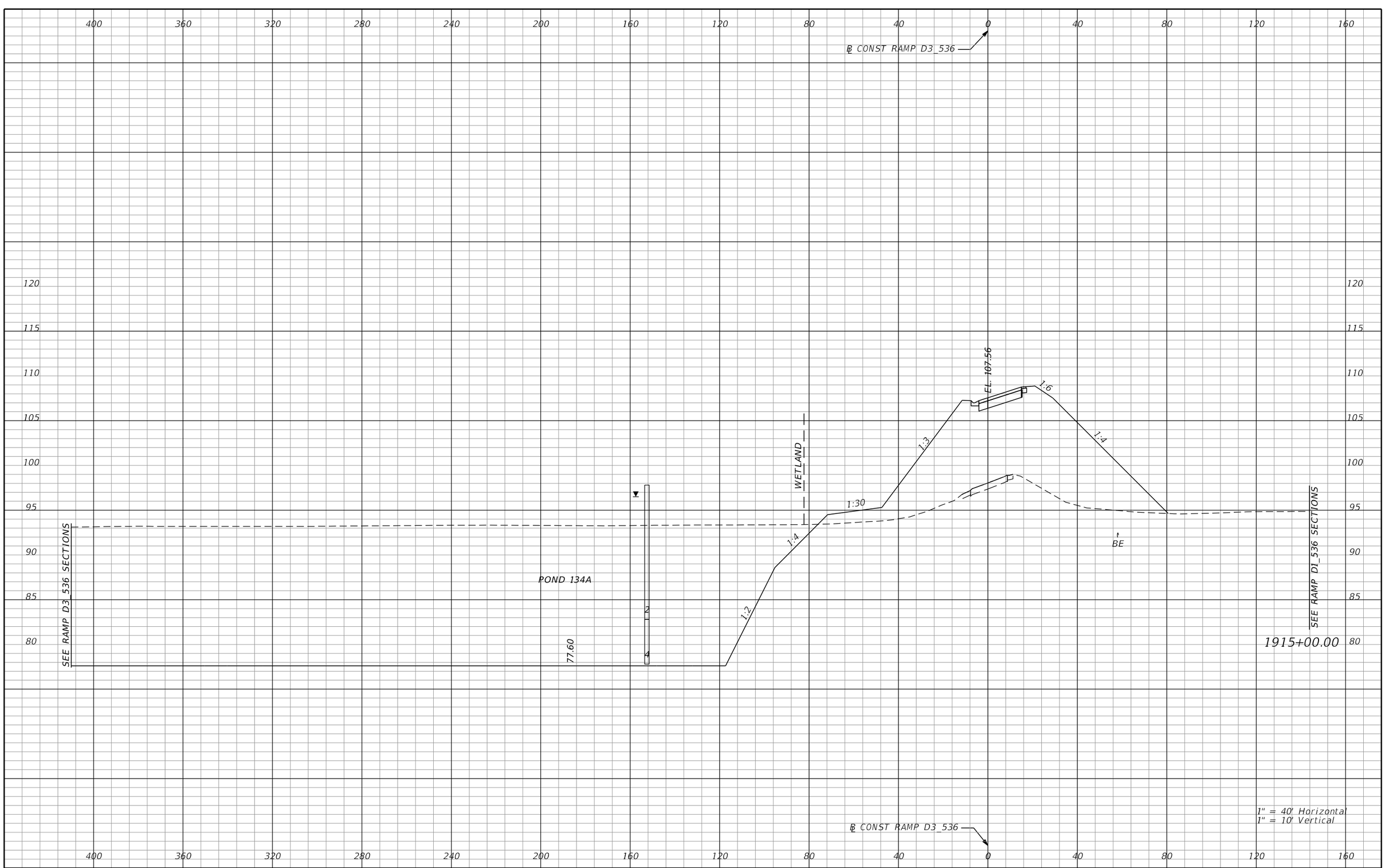

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SR 400	ORANGE	242484-8-52-01

RAMP D3_536 CROSS SECTIONS

SHEET NO. 1104

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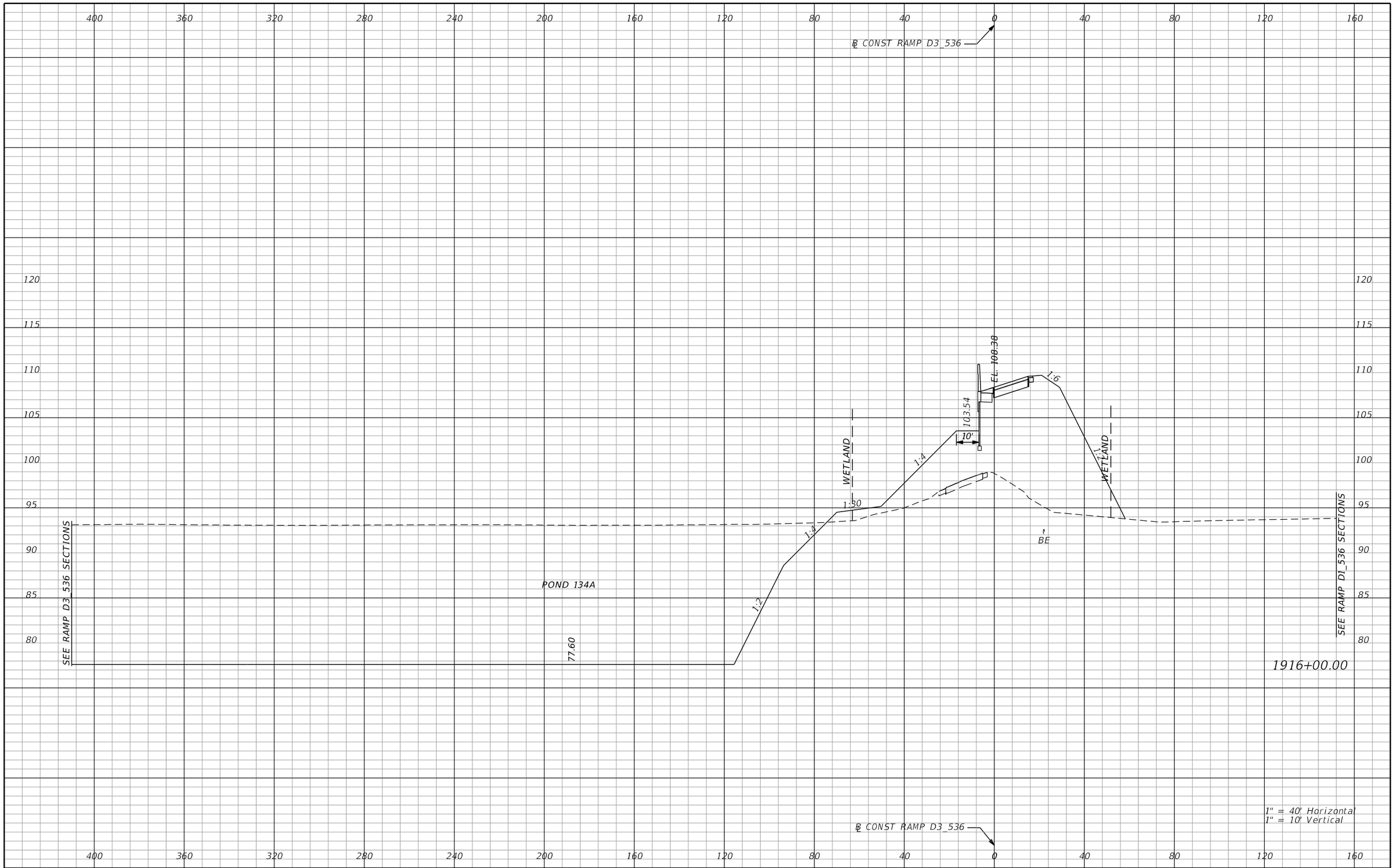

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

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SHEET NO. 1105

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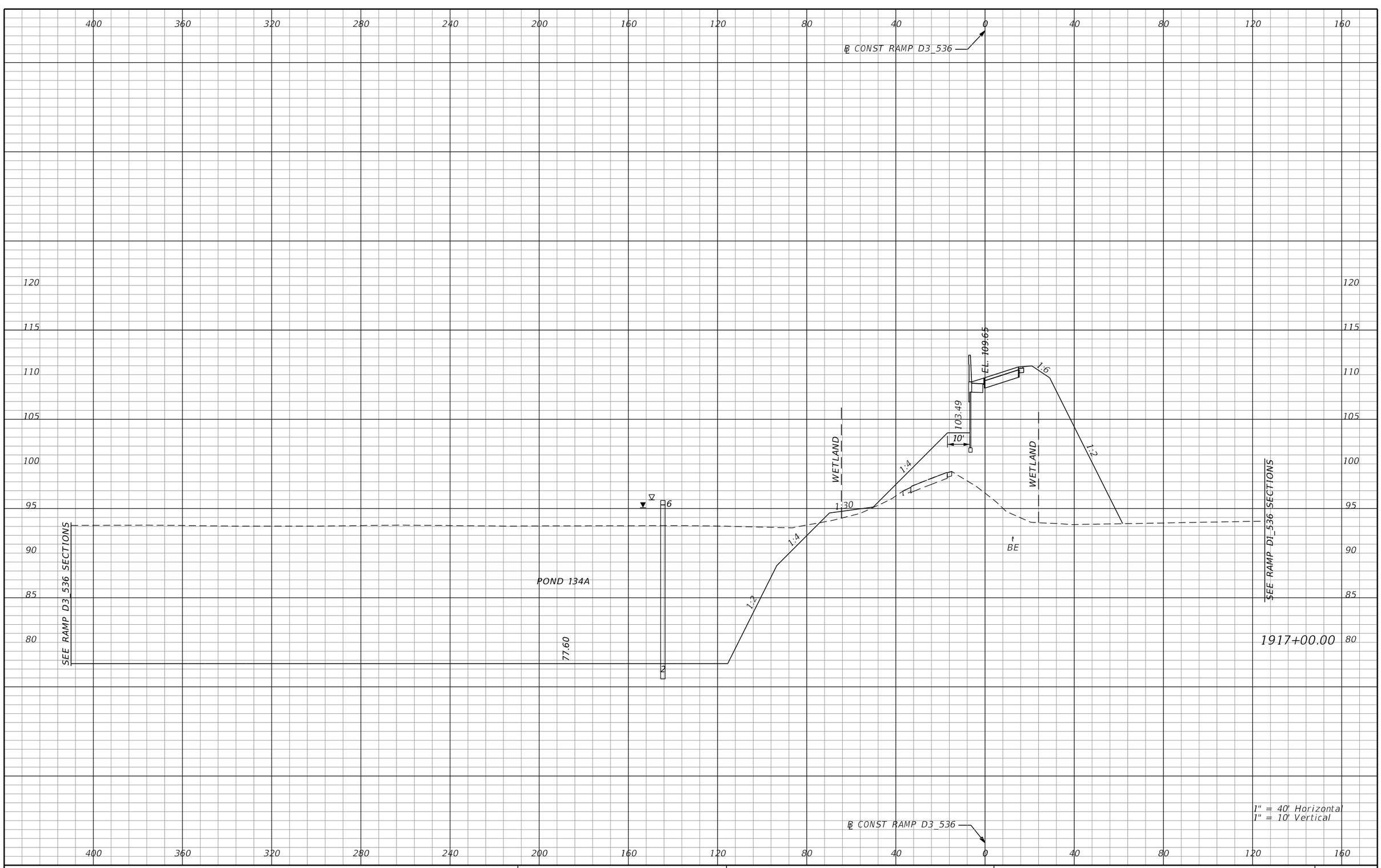

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D3_536 CROSS SECTIONS

SHEET NO. 1106

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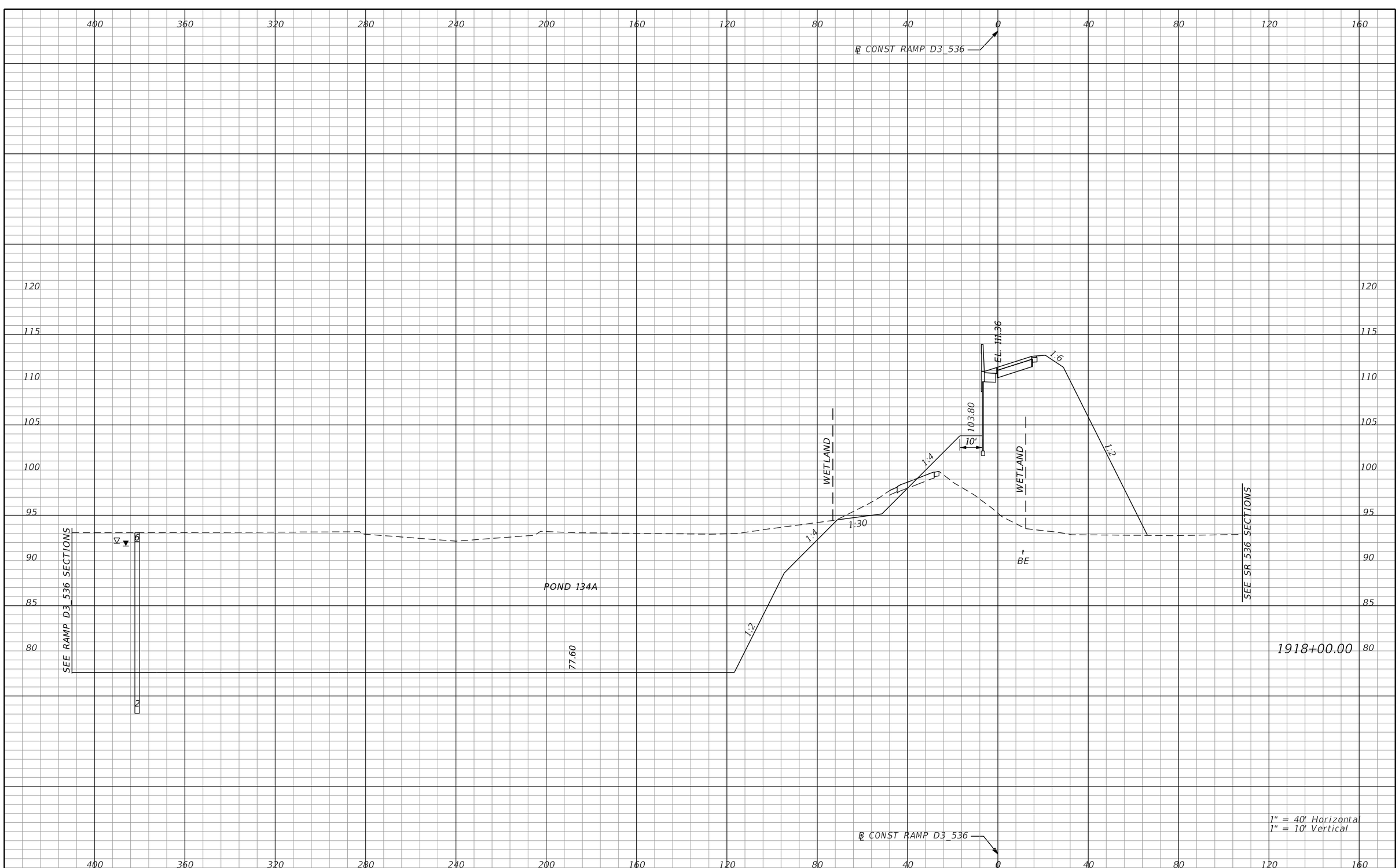

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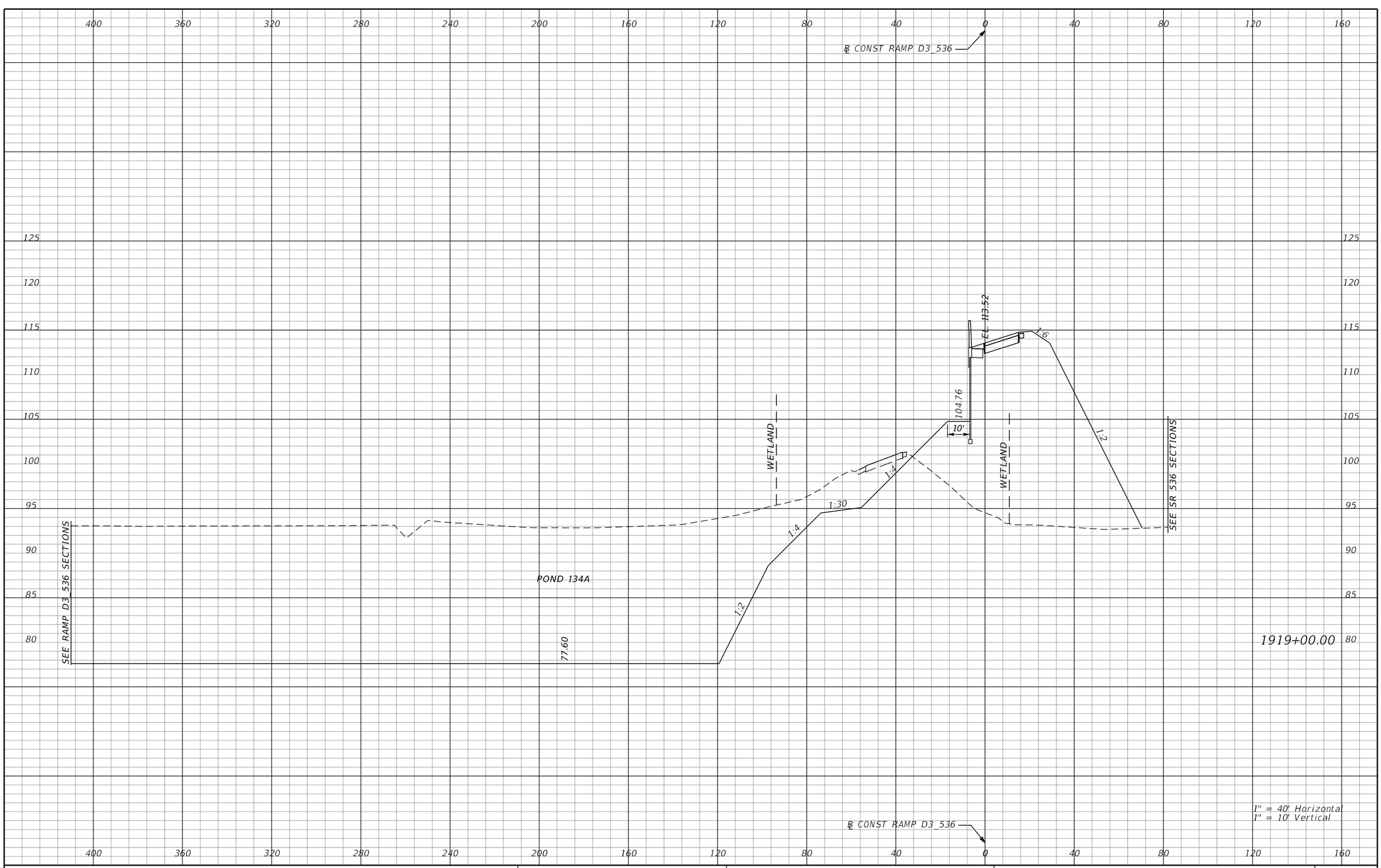

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SHEET NO. 1108

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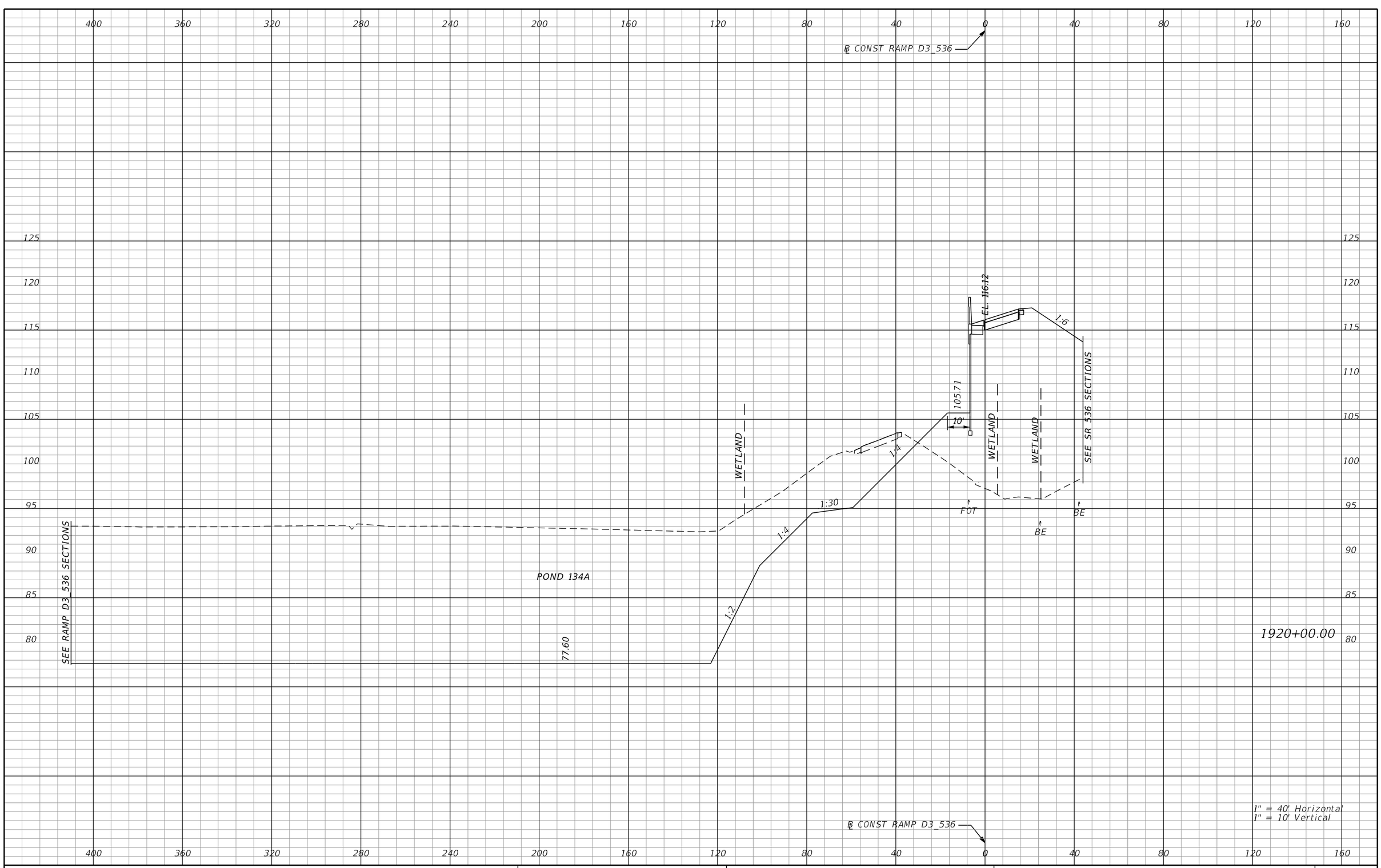

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SHEET NO. 1109

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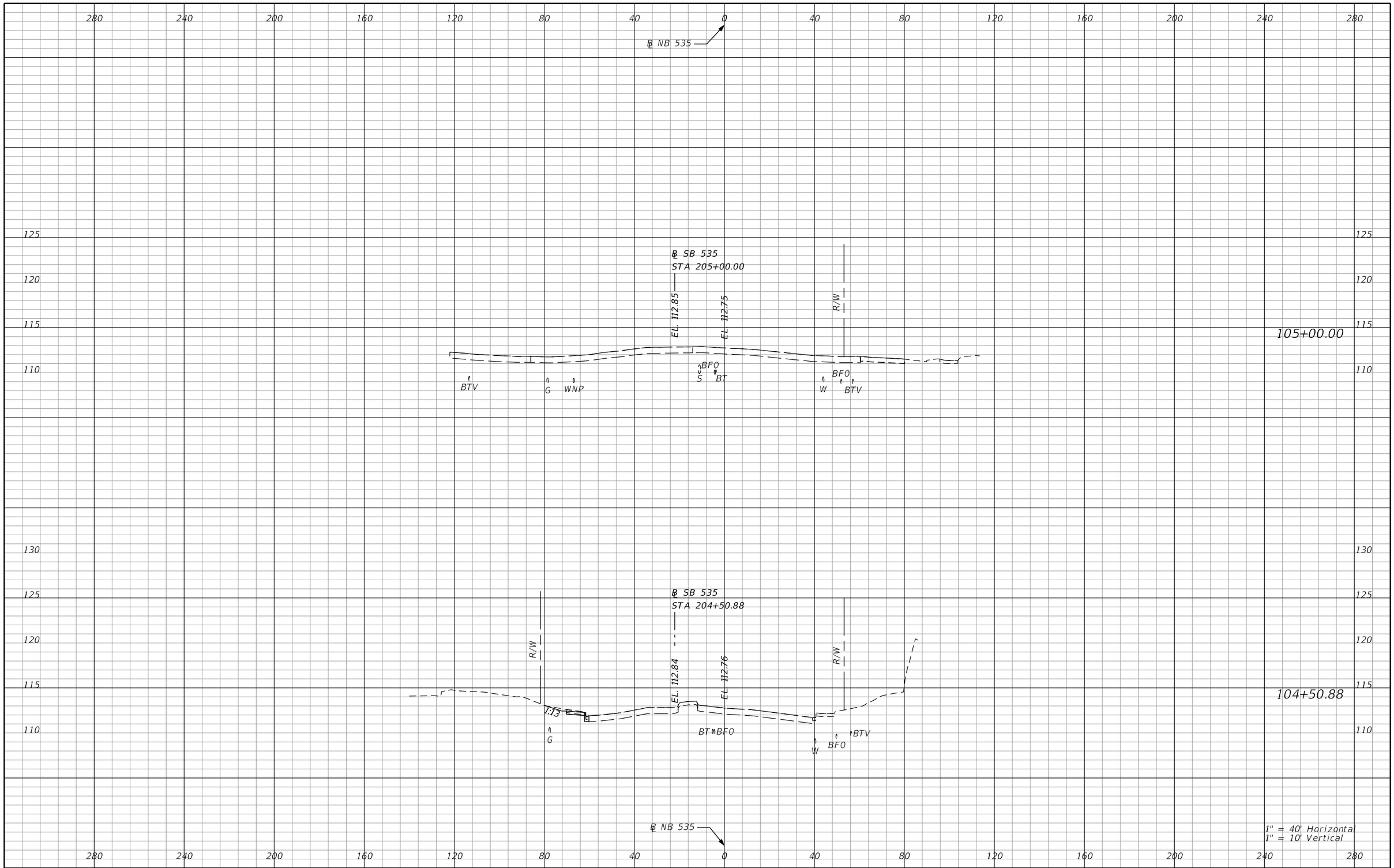

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1110

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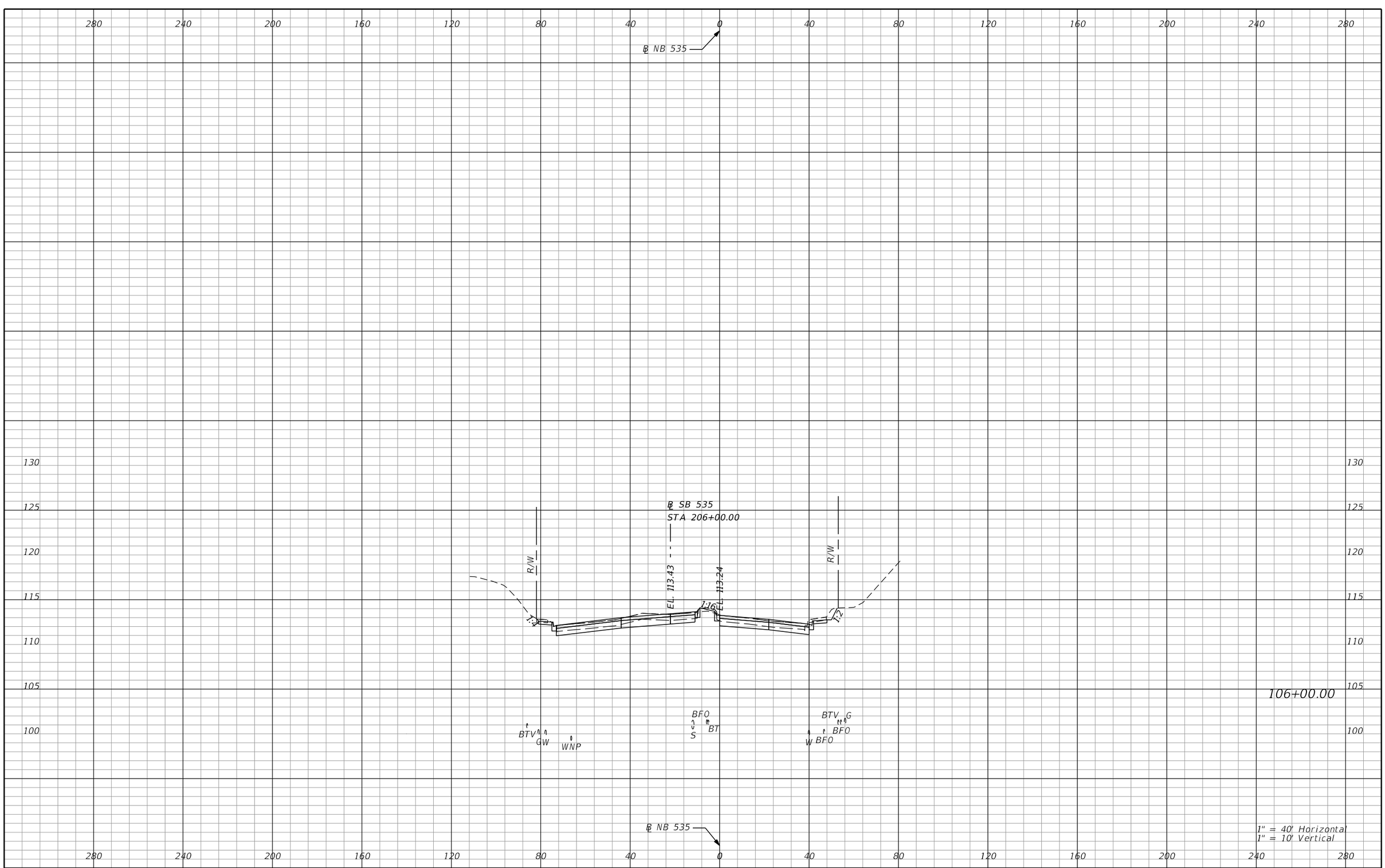

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1111

PRELIMINARY: NOT FOR CONSTRUCTION

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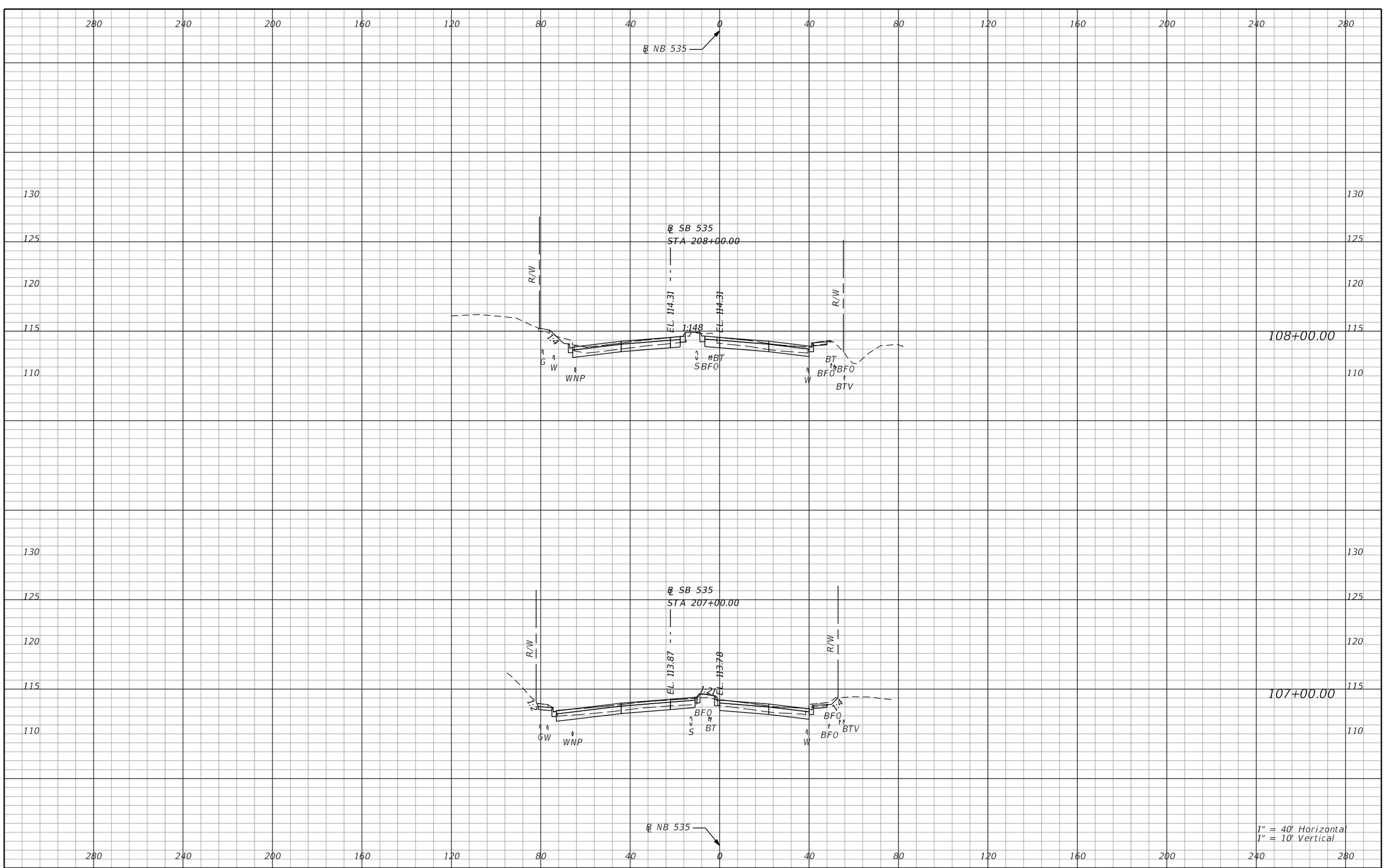

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1112

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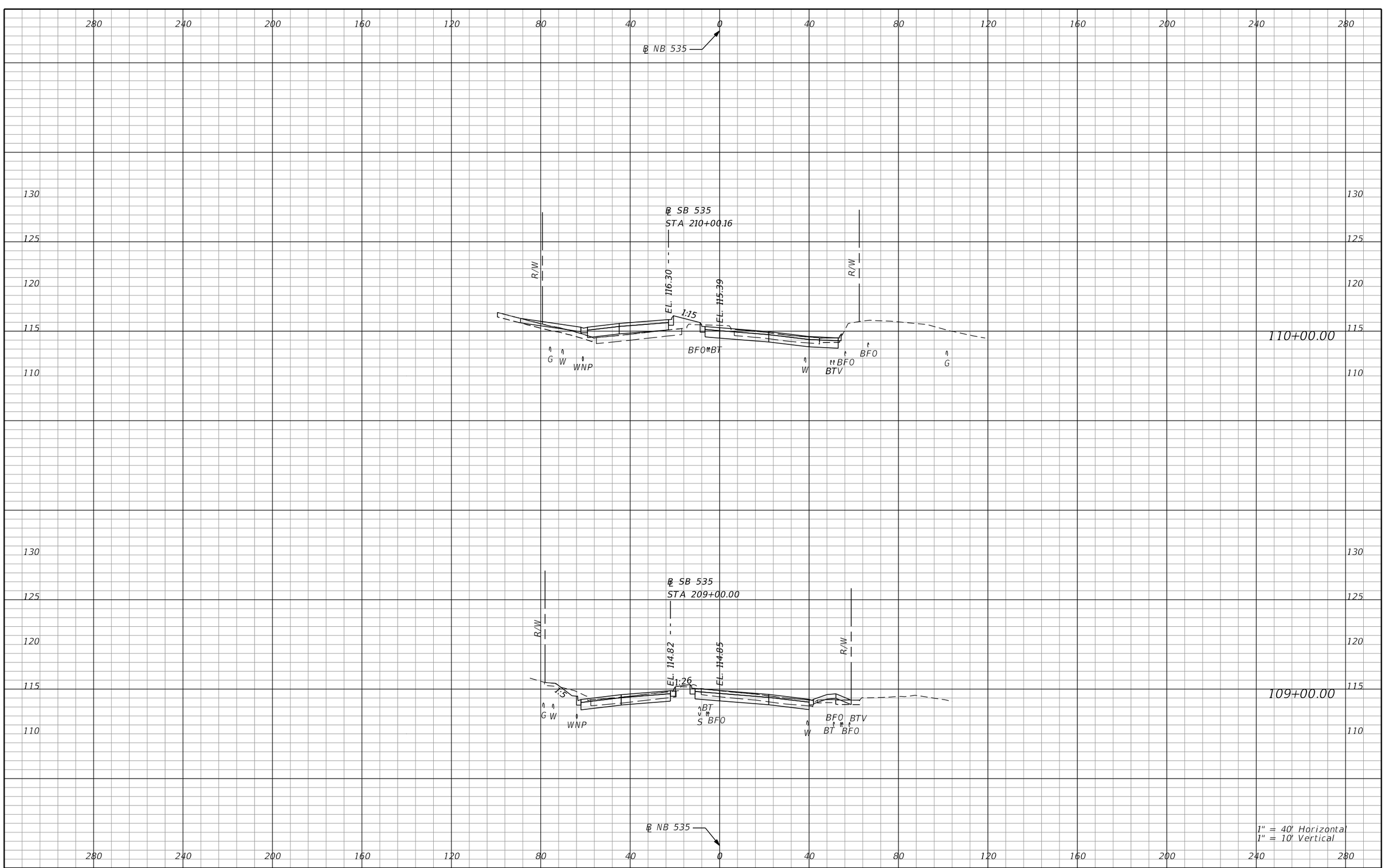

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1113

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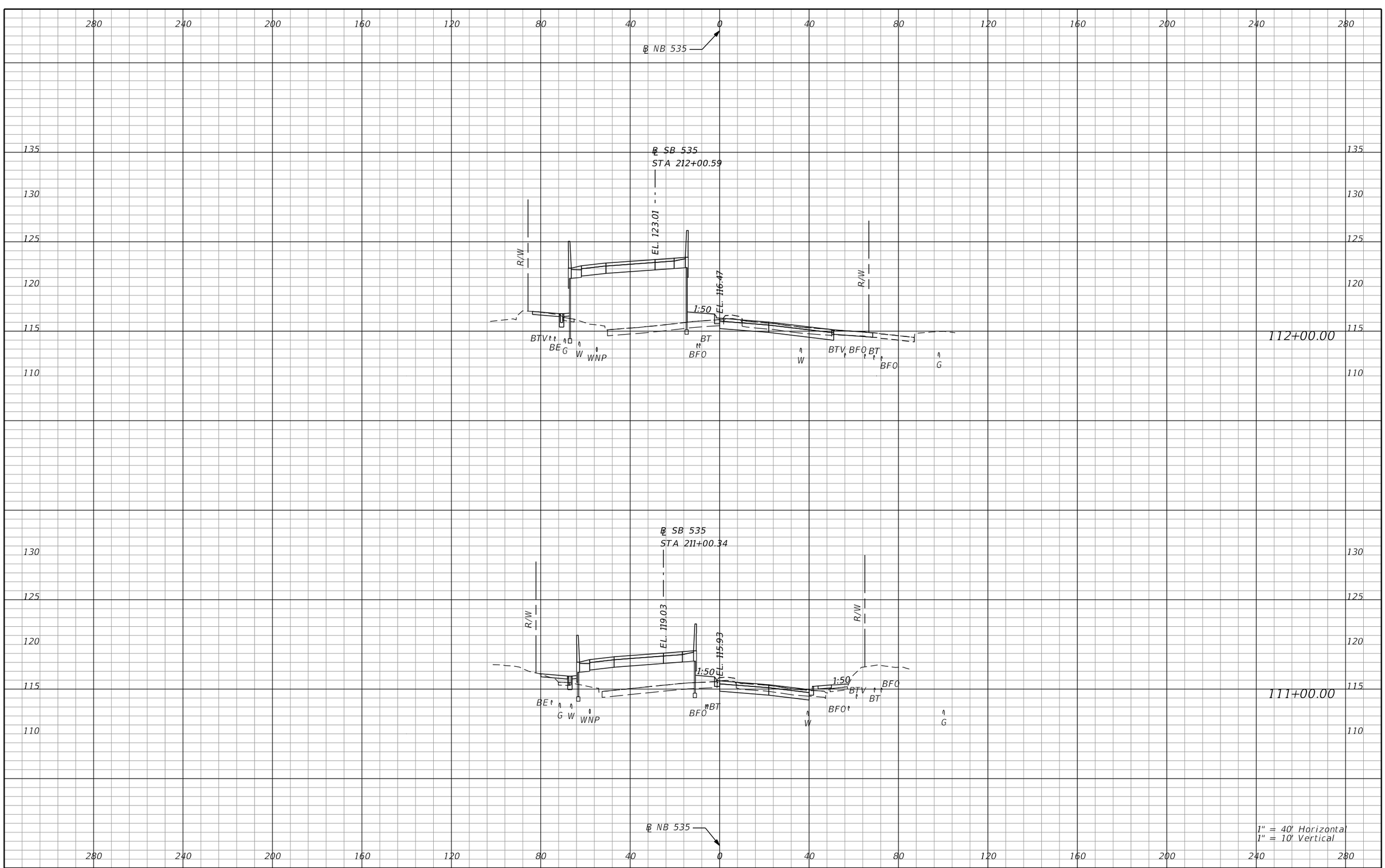

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1114

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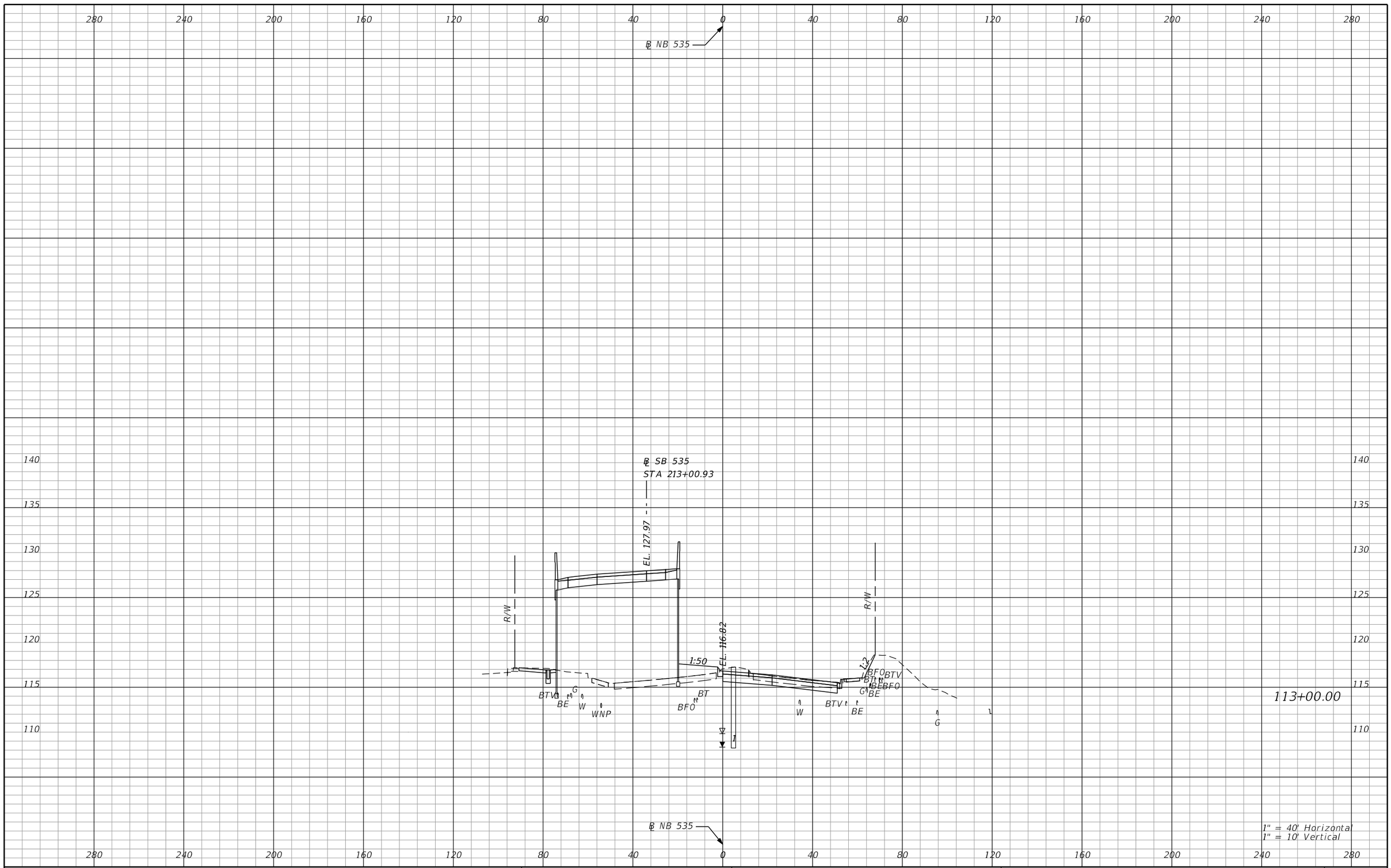

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO.
1115

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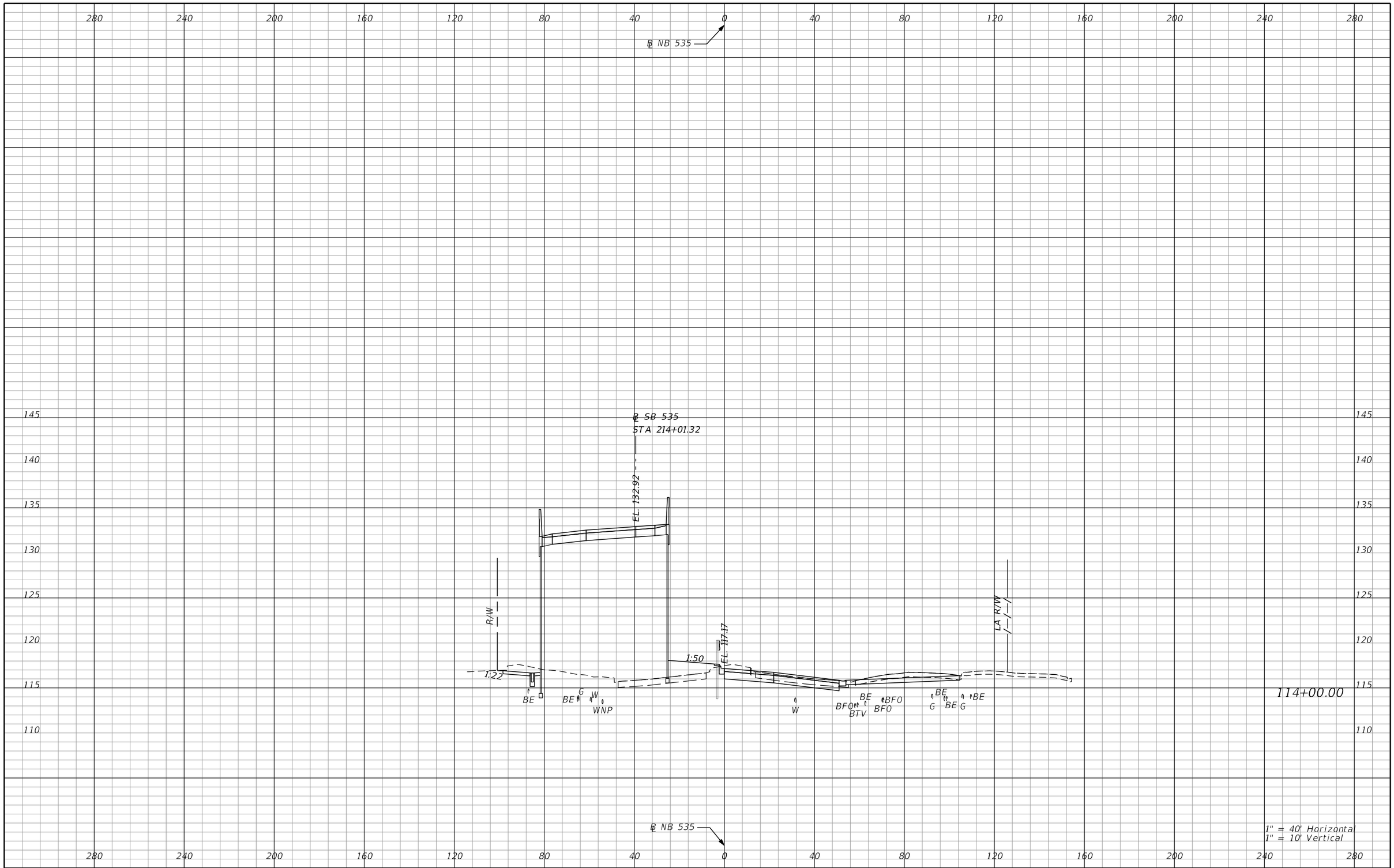

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1116

PRELIMINARY: NOT FOR CONSTRUCTION

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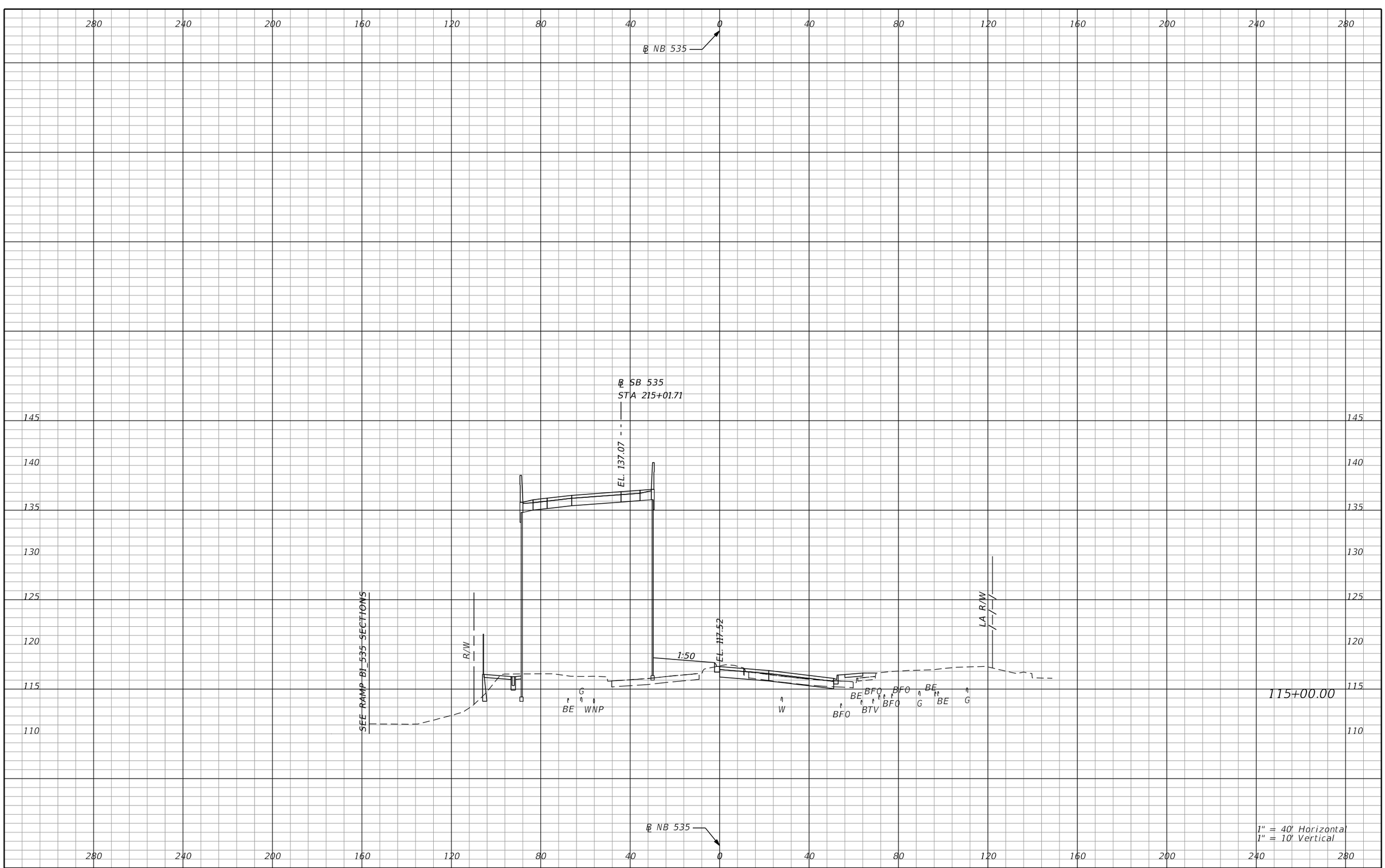

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1117

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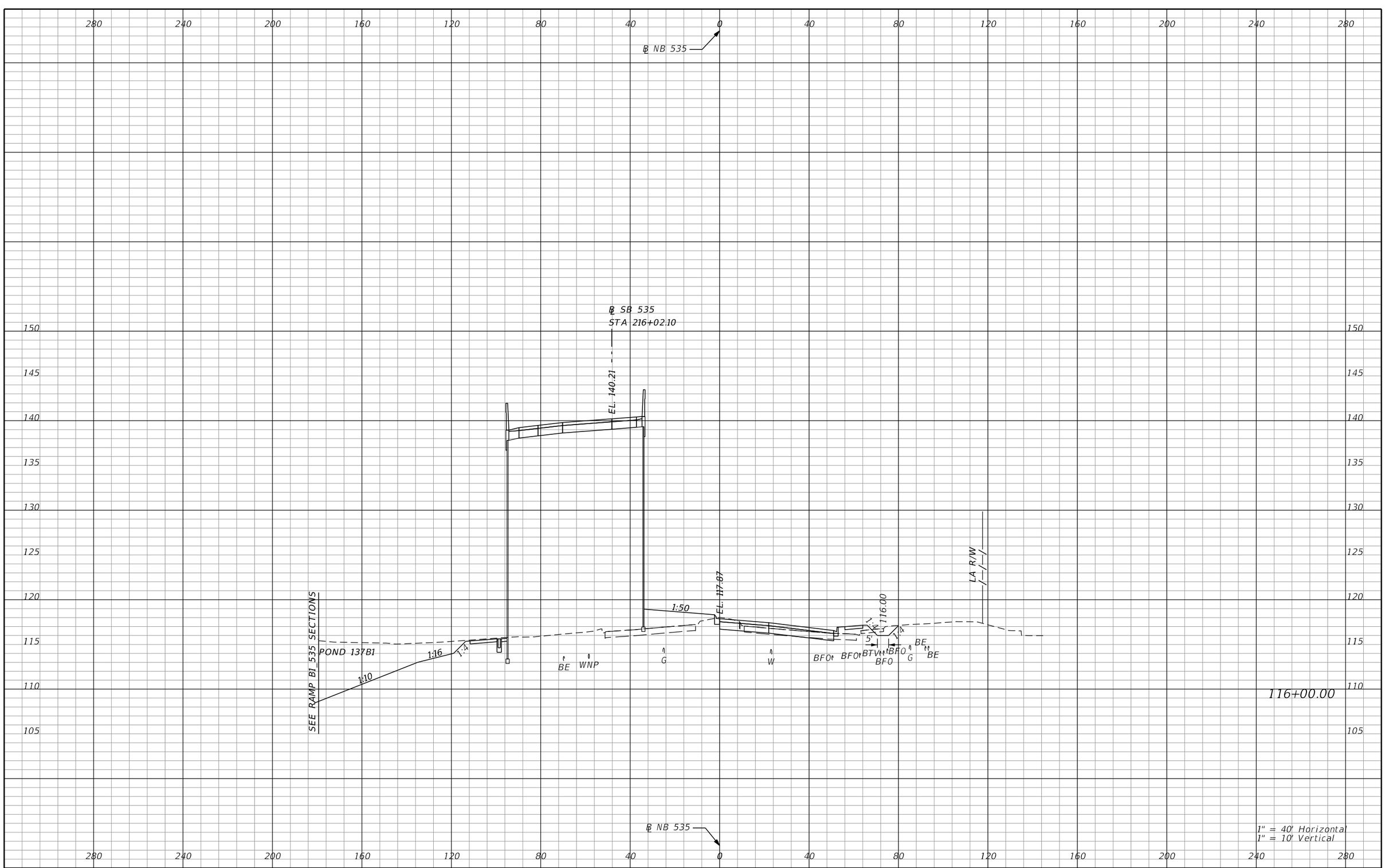

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SR 535
CROSS SECTIONS

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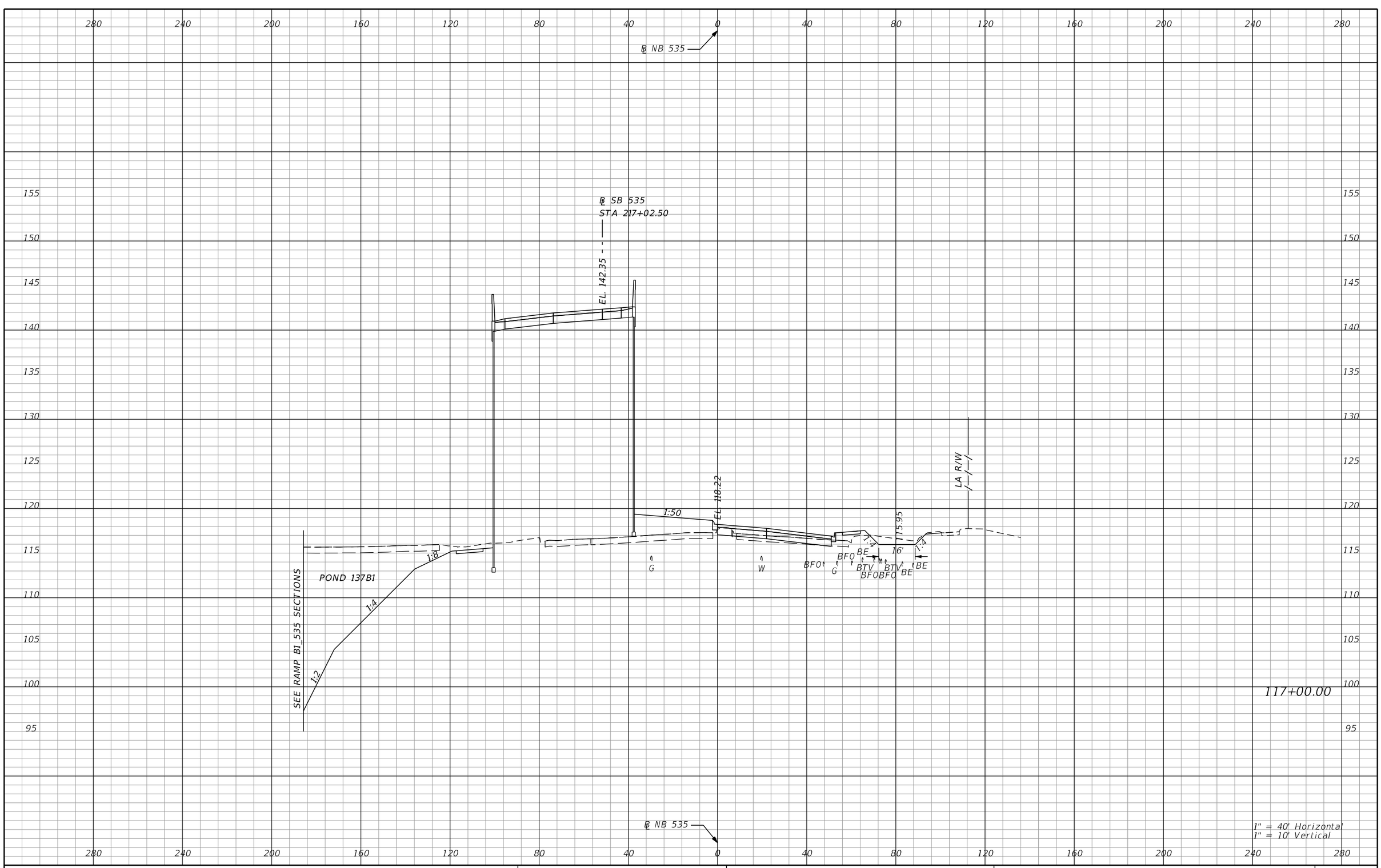

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SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1119

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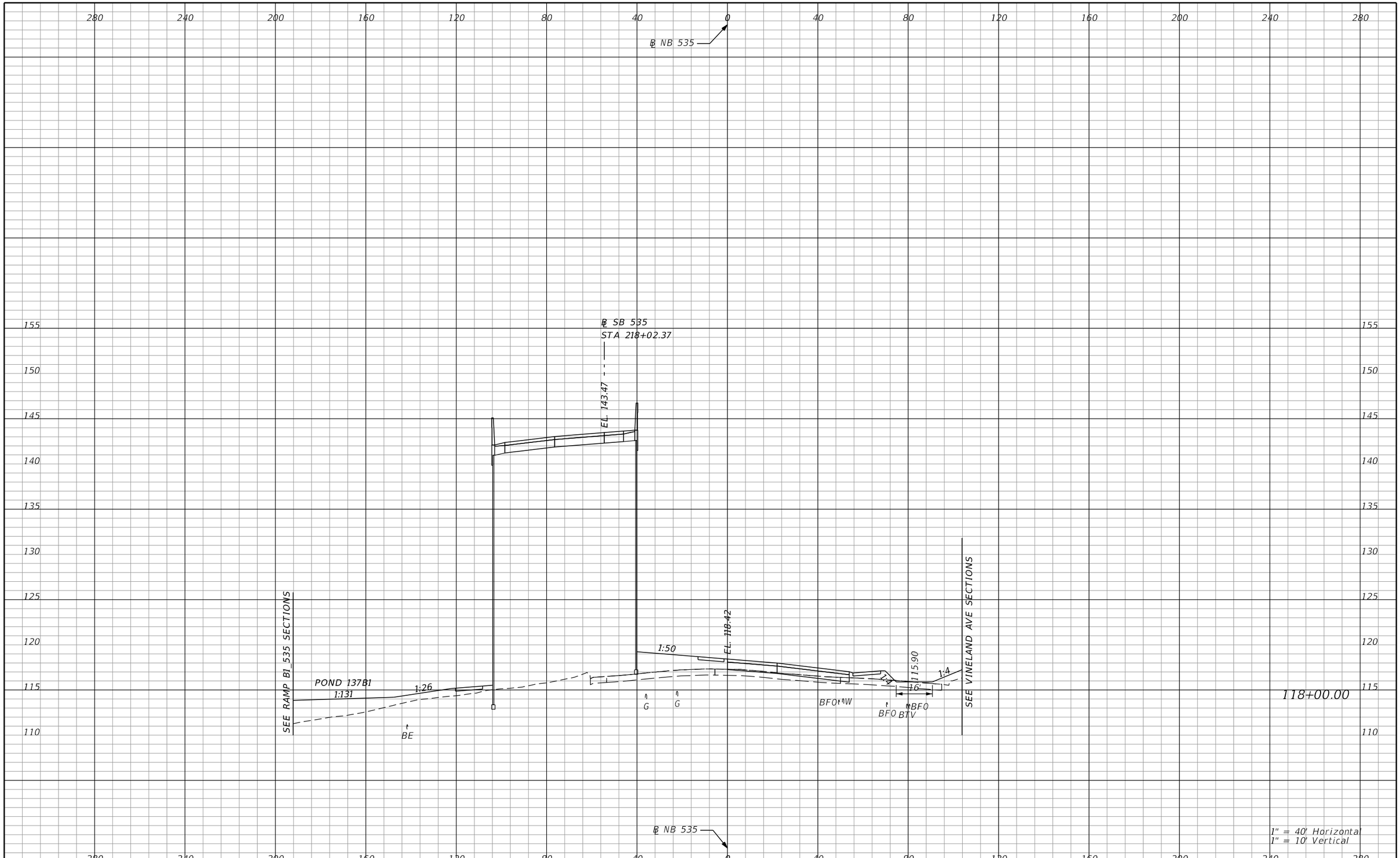

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CROSS SECTIONS

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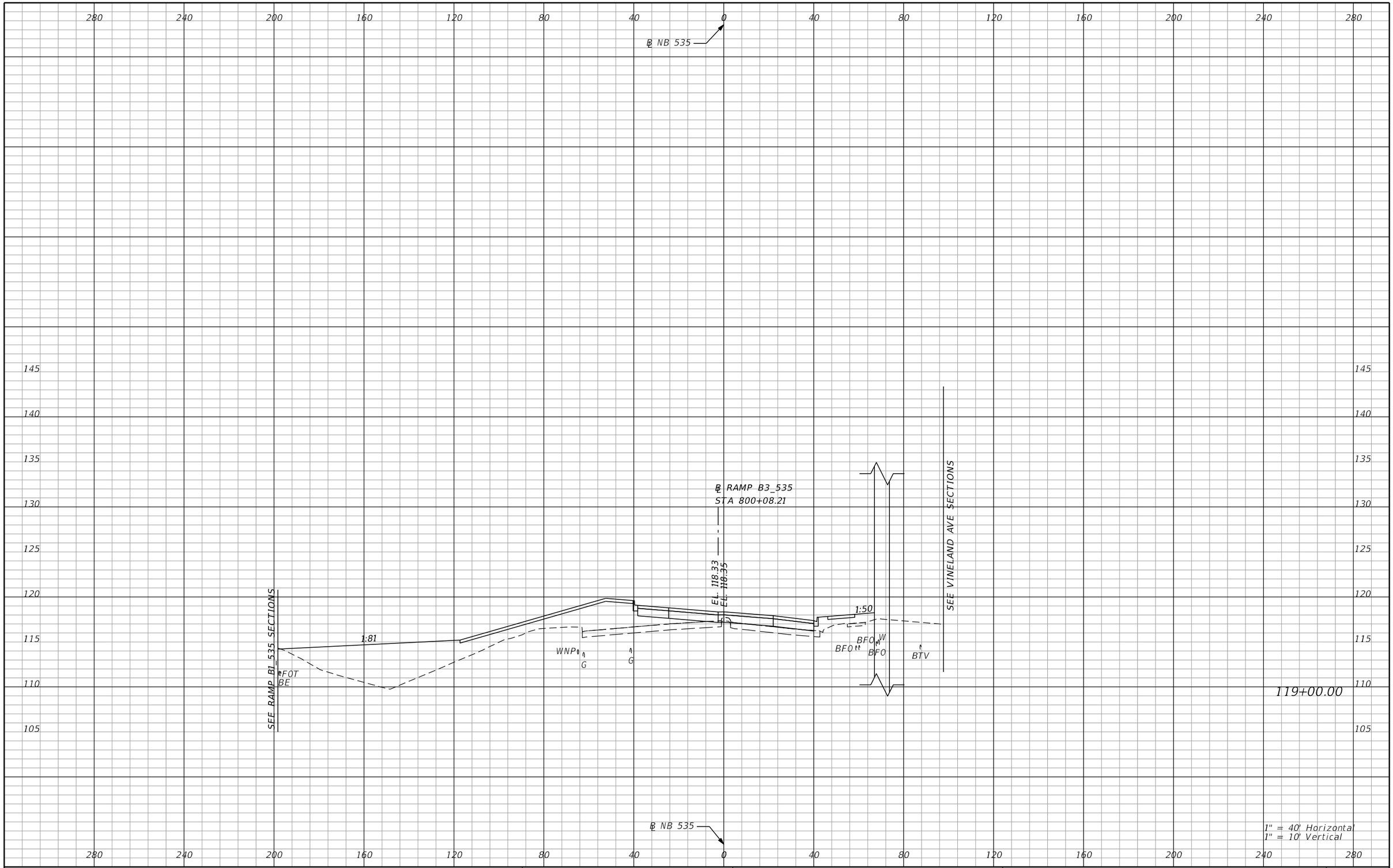

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SHEET NO. 1121

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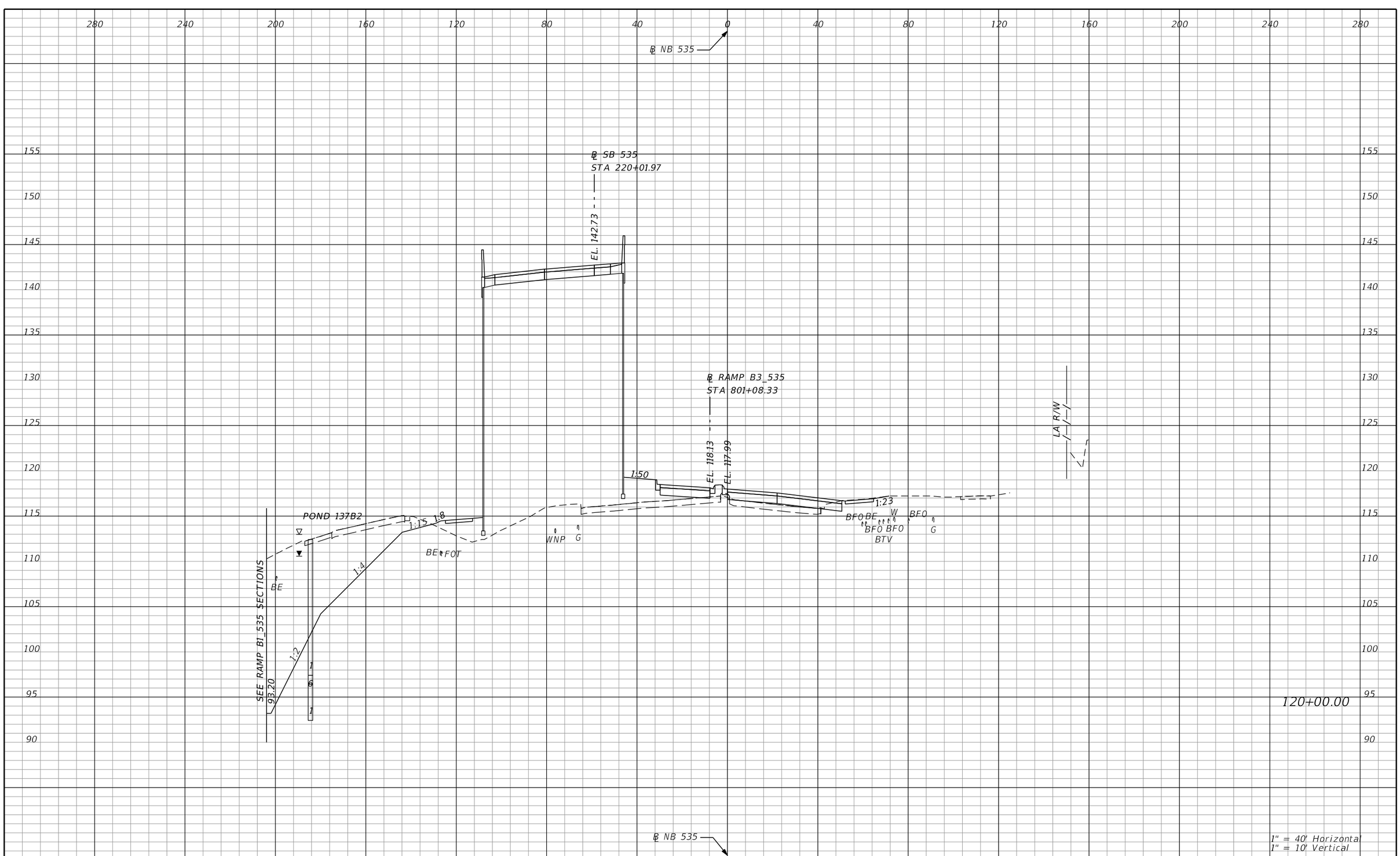

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO.
1122

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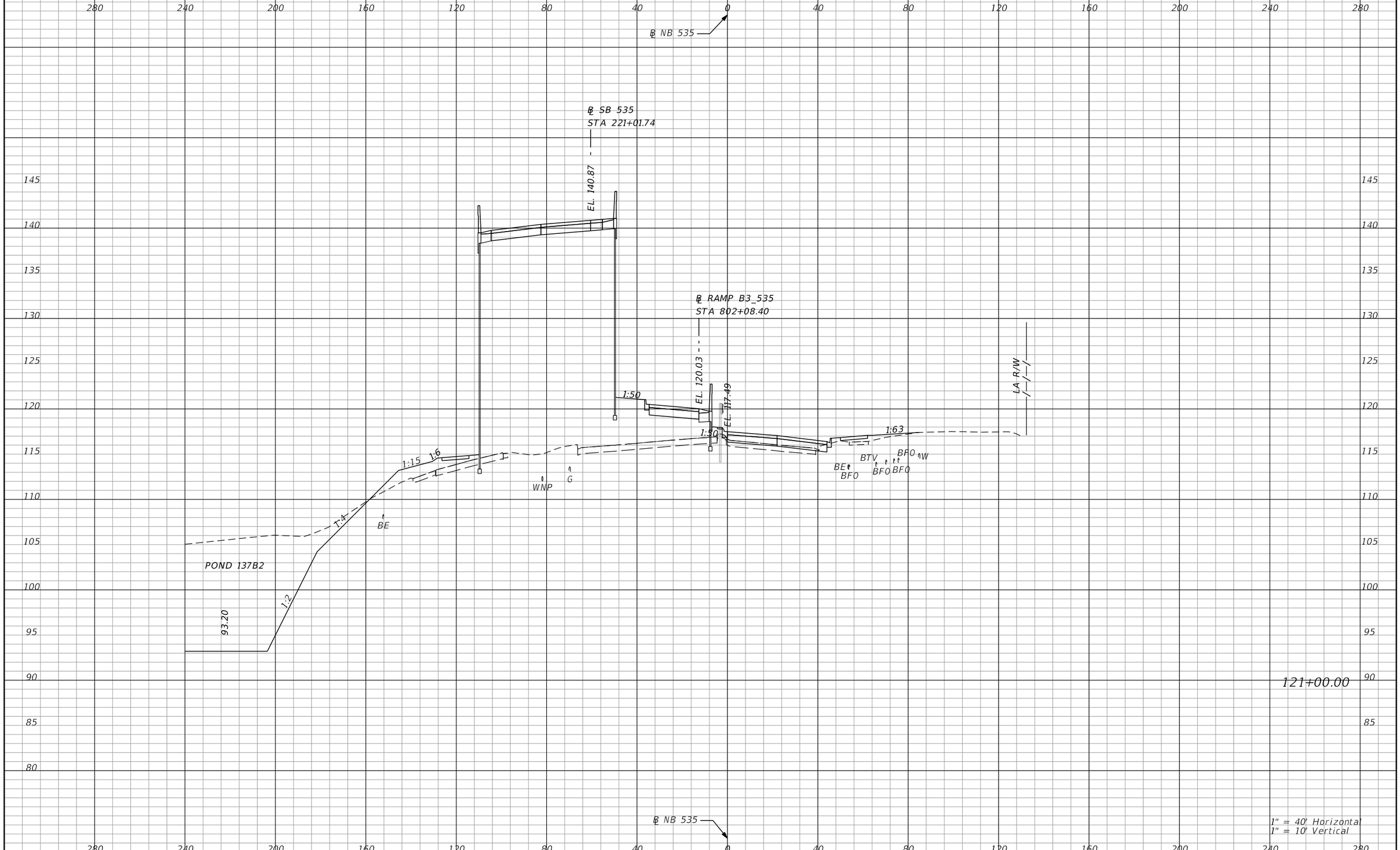

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1123

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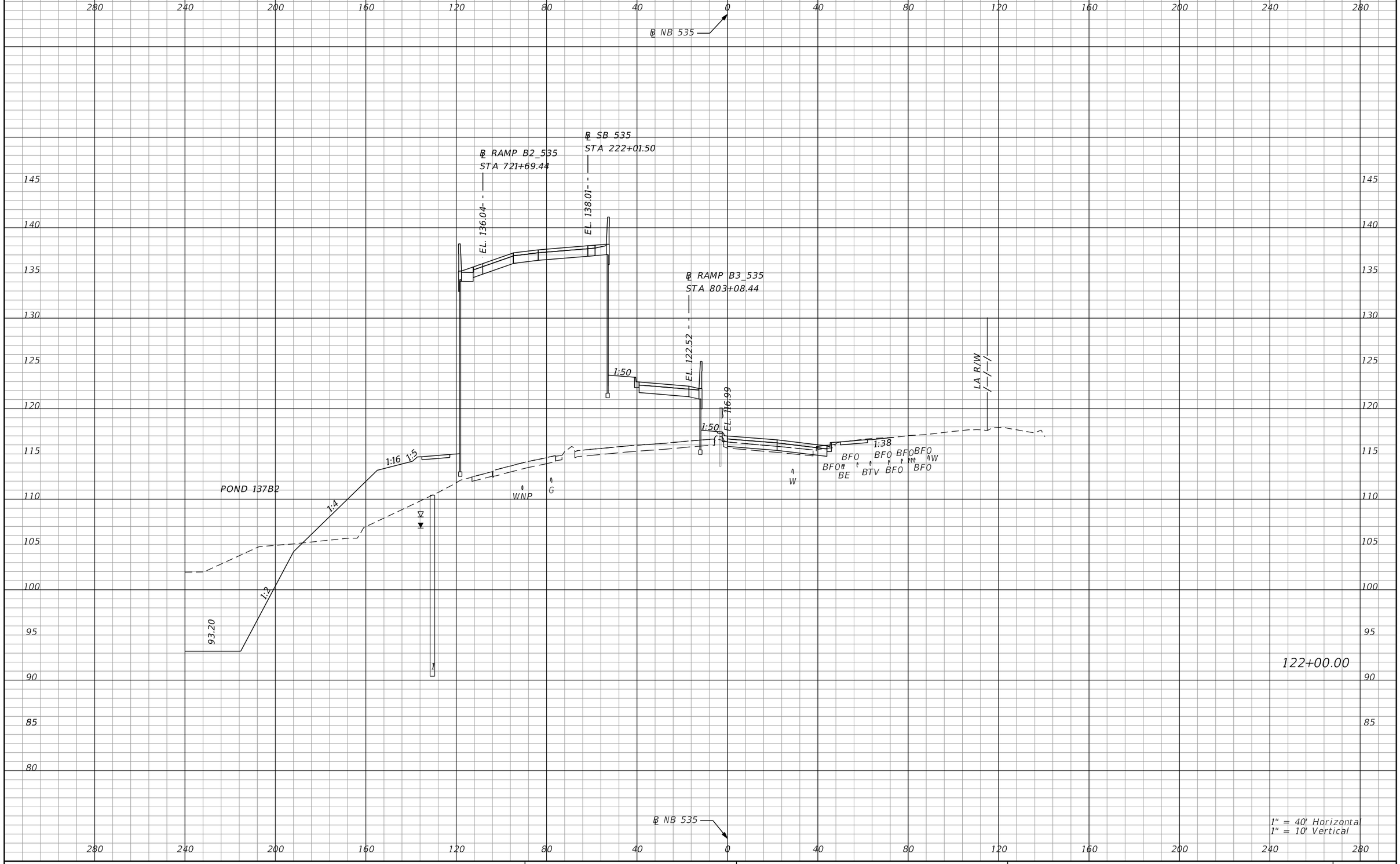

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1124

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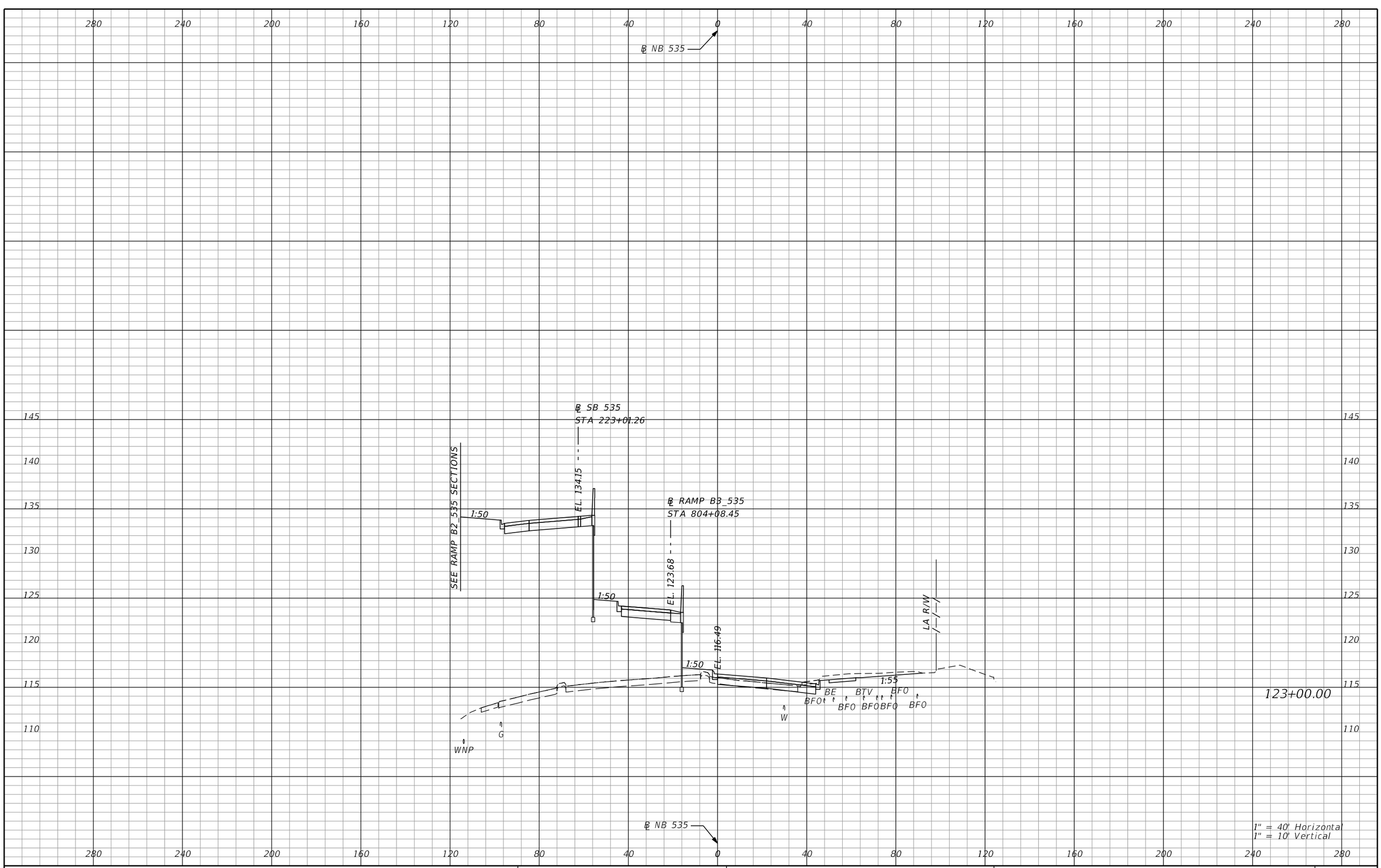

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1125

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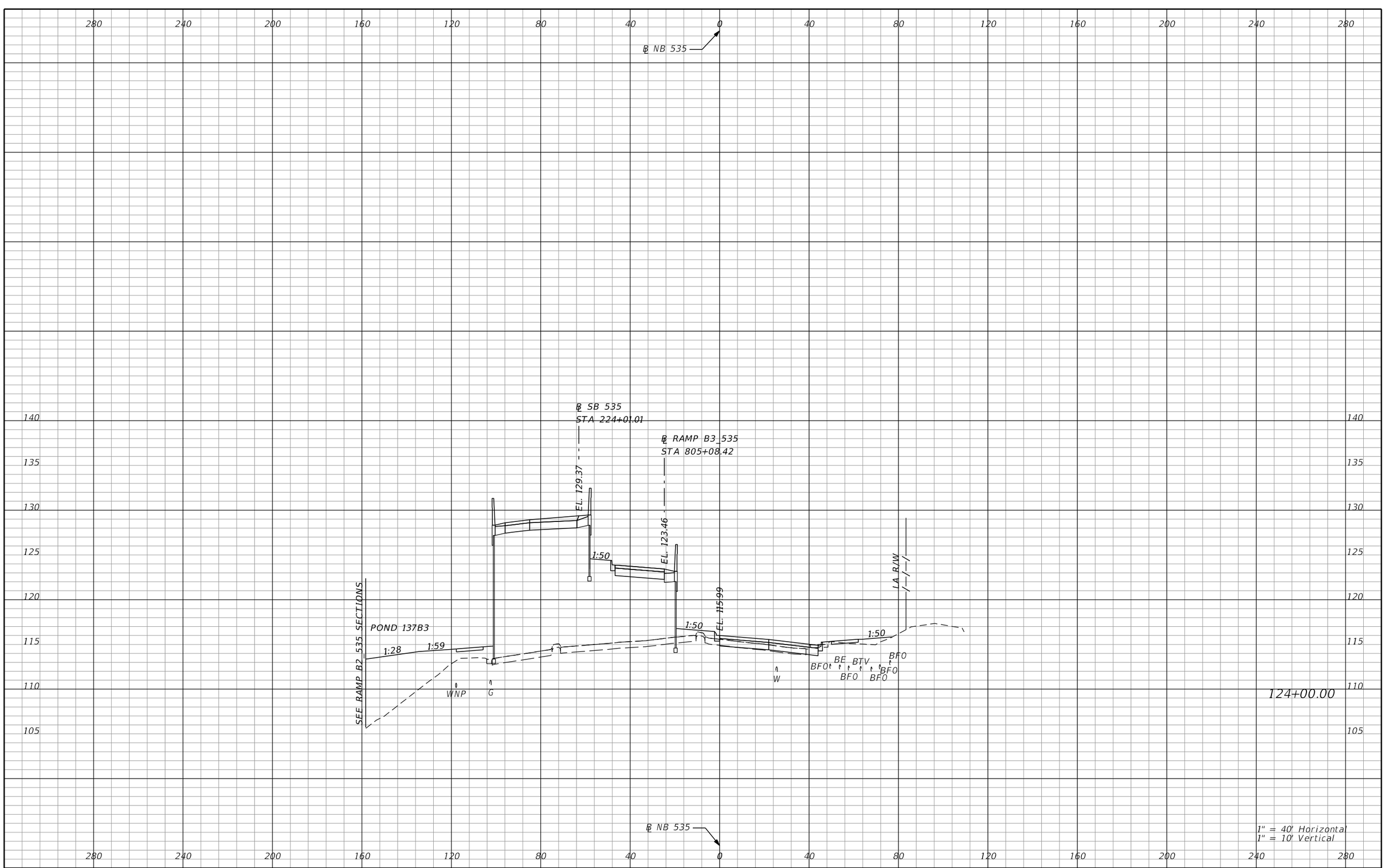

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SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1126

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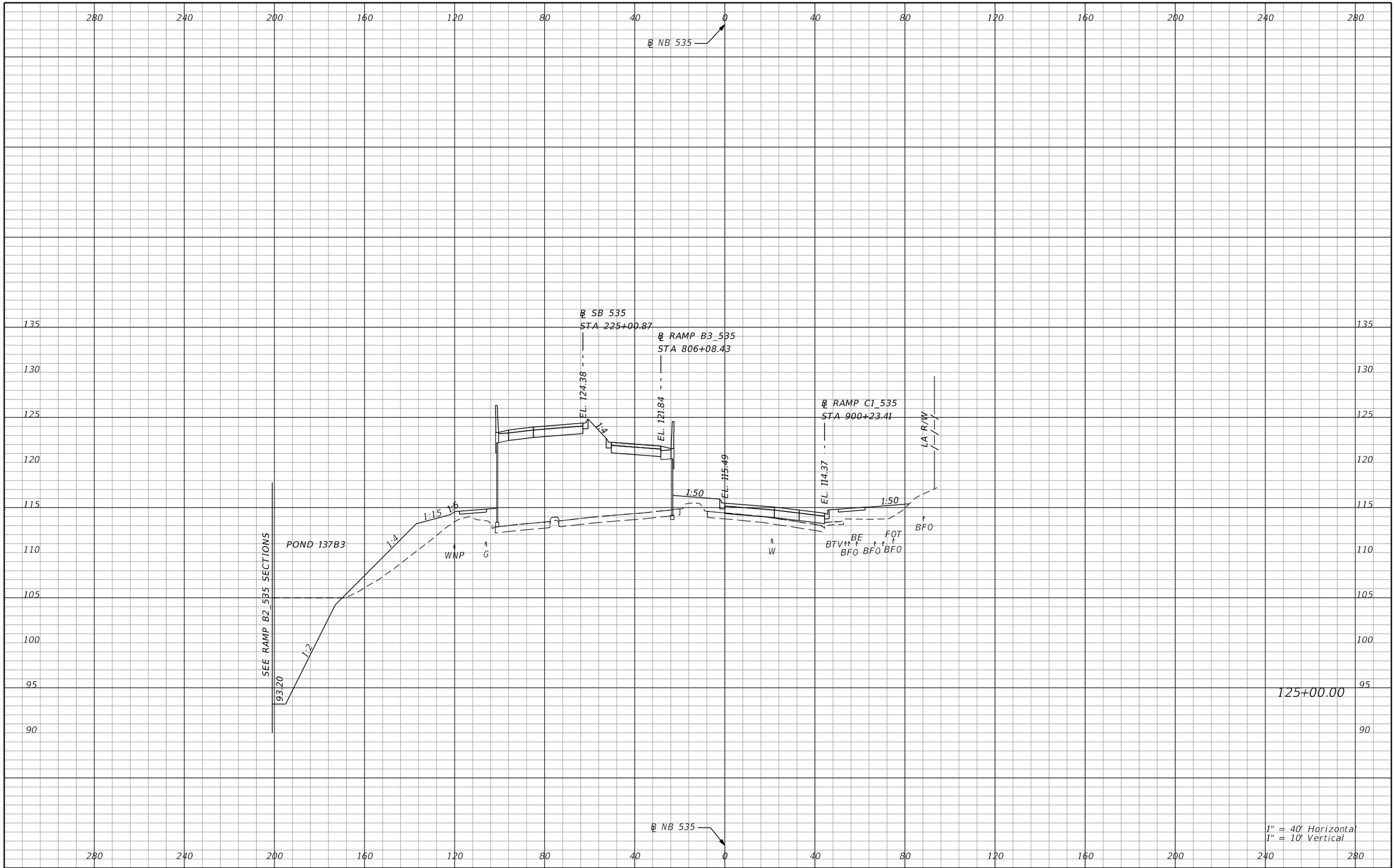

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SR 400	ORANGE	242484-8-52-01

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CROSS SECTIONS

SHEET NO. 1127

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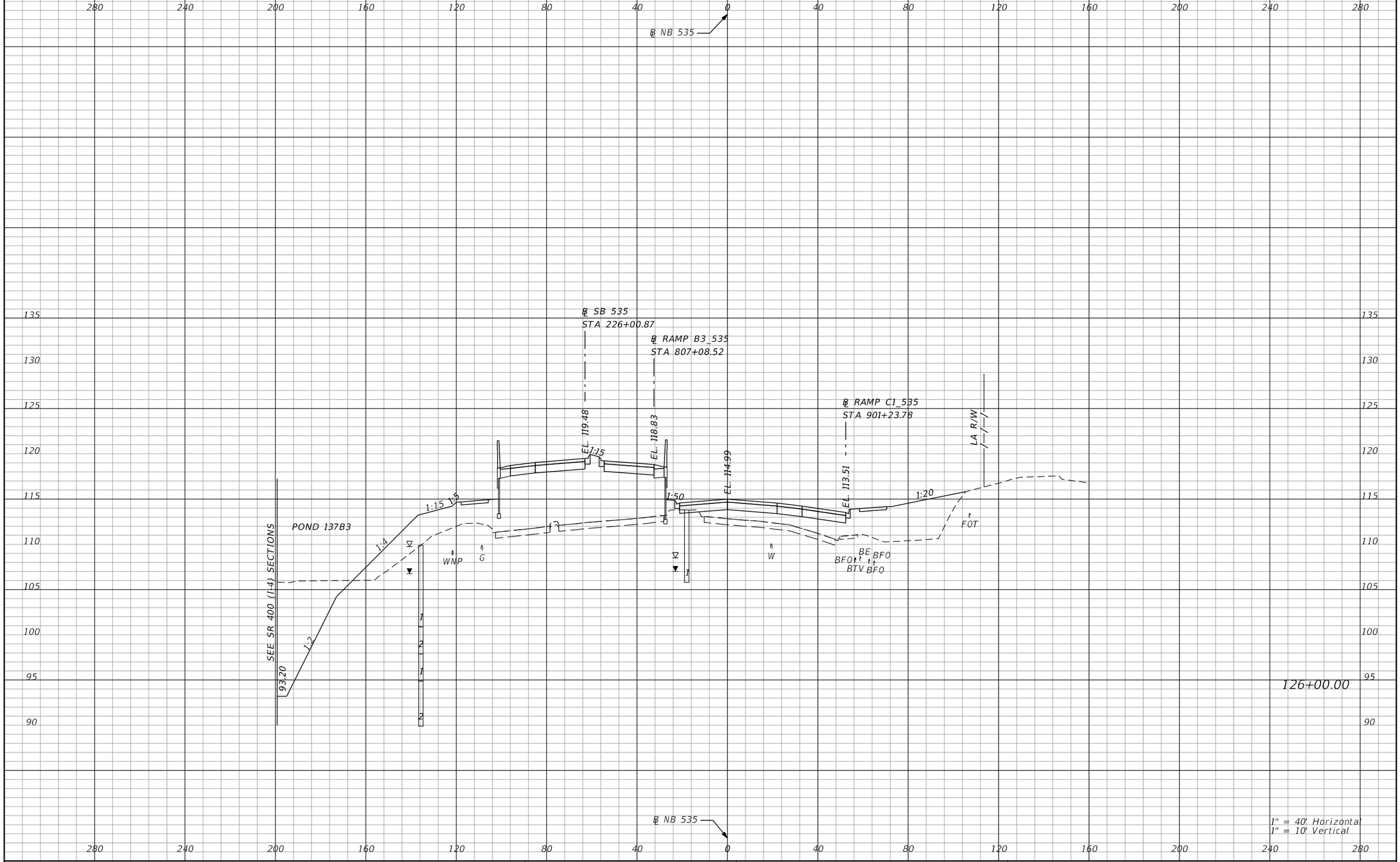

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CROSS SECTIONS

SHEET NO. 1128

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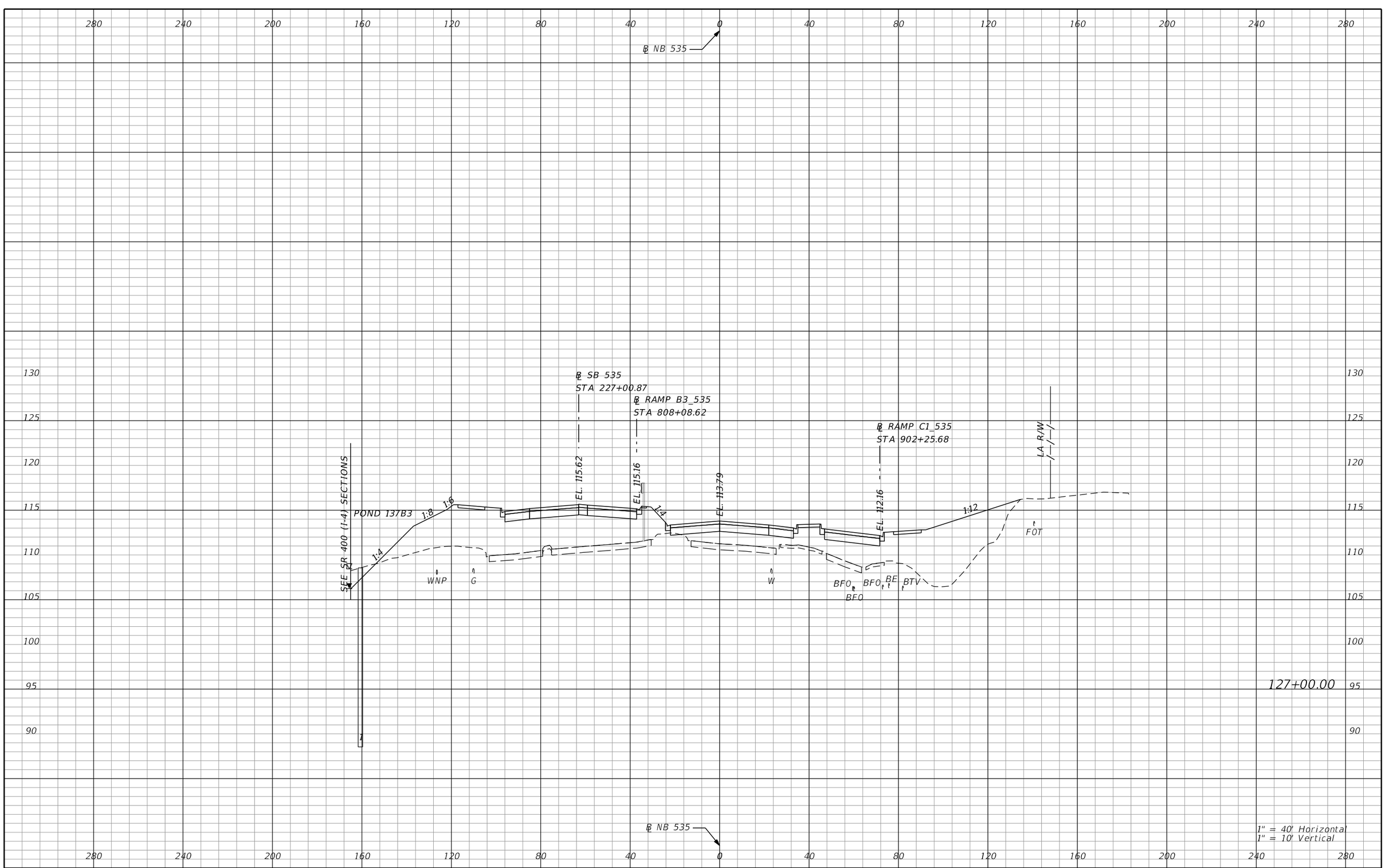

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

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CROSS SECTIONS

SHEET NO. 1129

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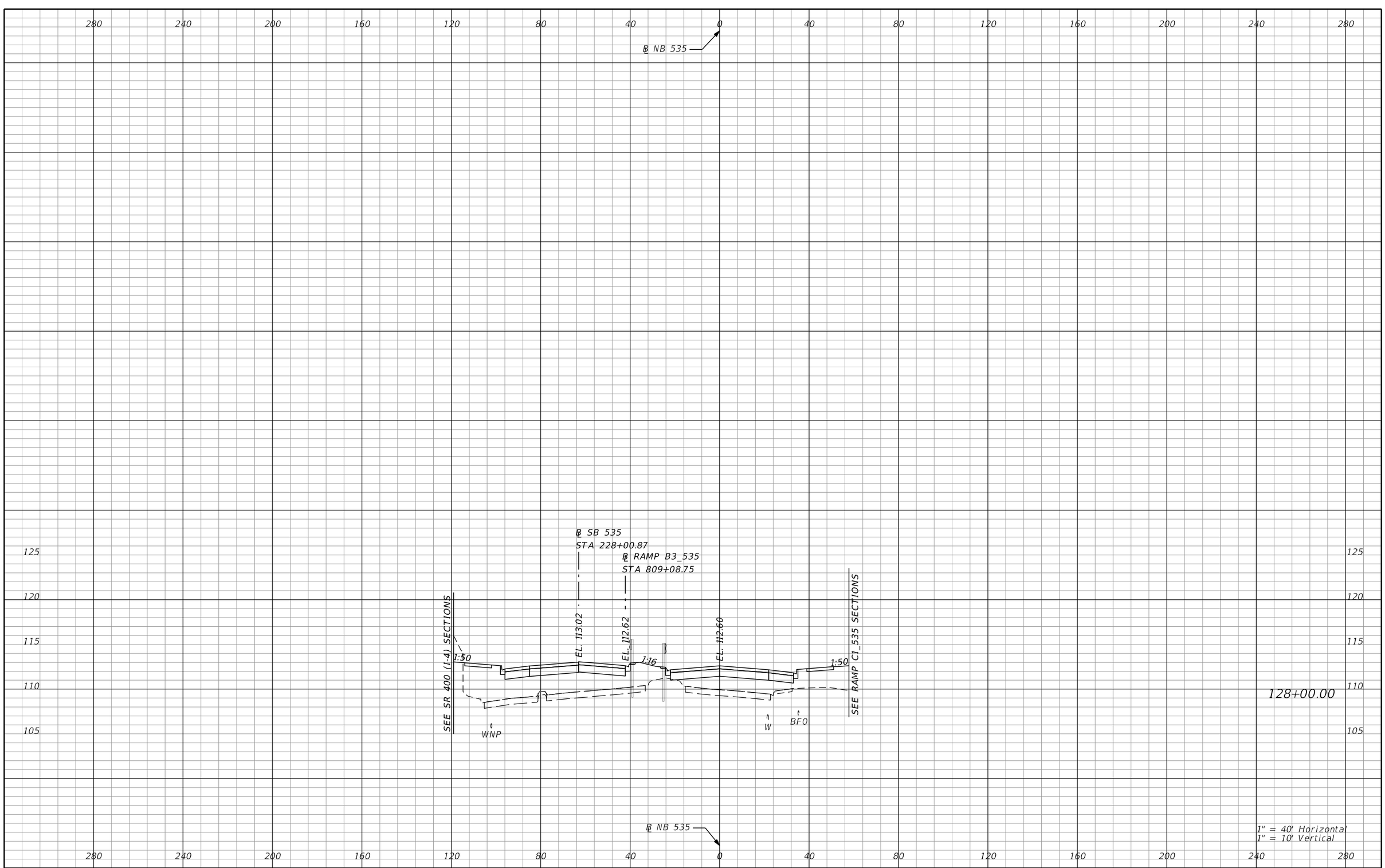

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CROSS SECTIONS

SHEET NO. 1130

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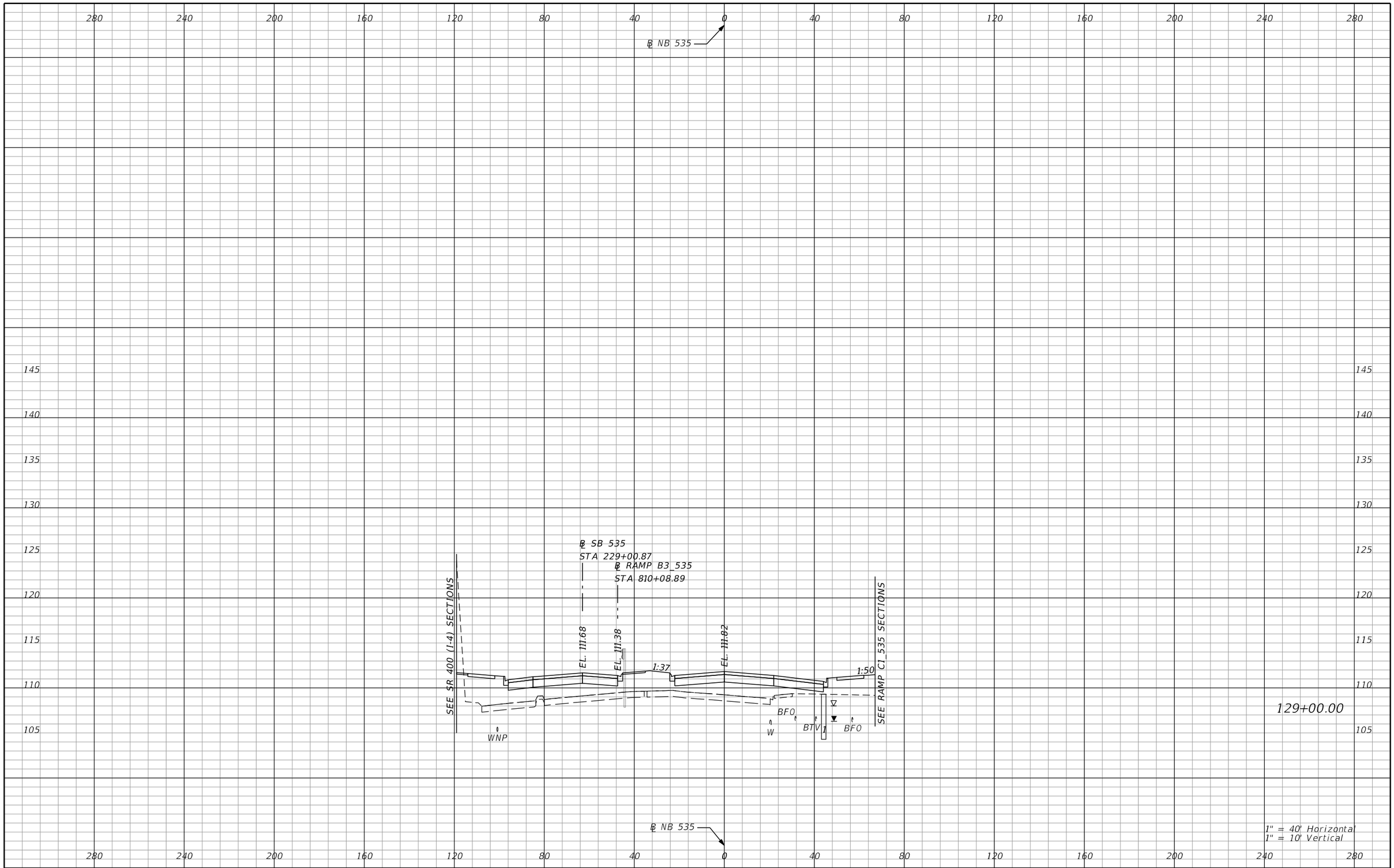

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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SHEET NO. 1131

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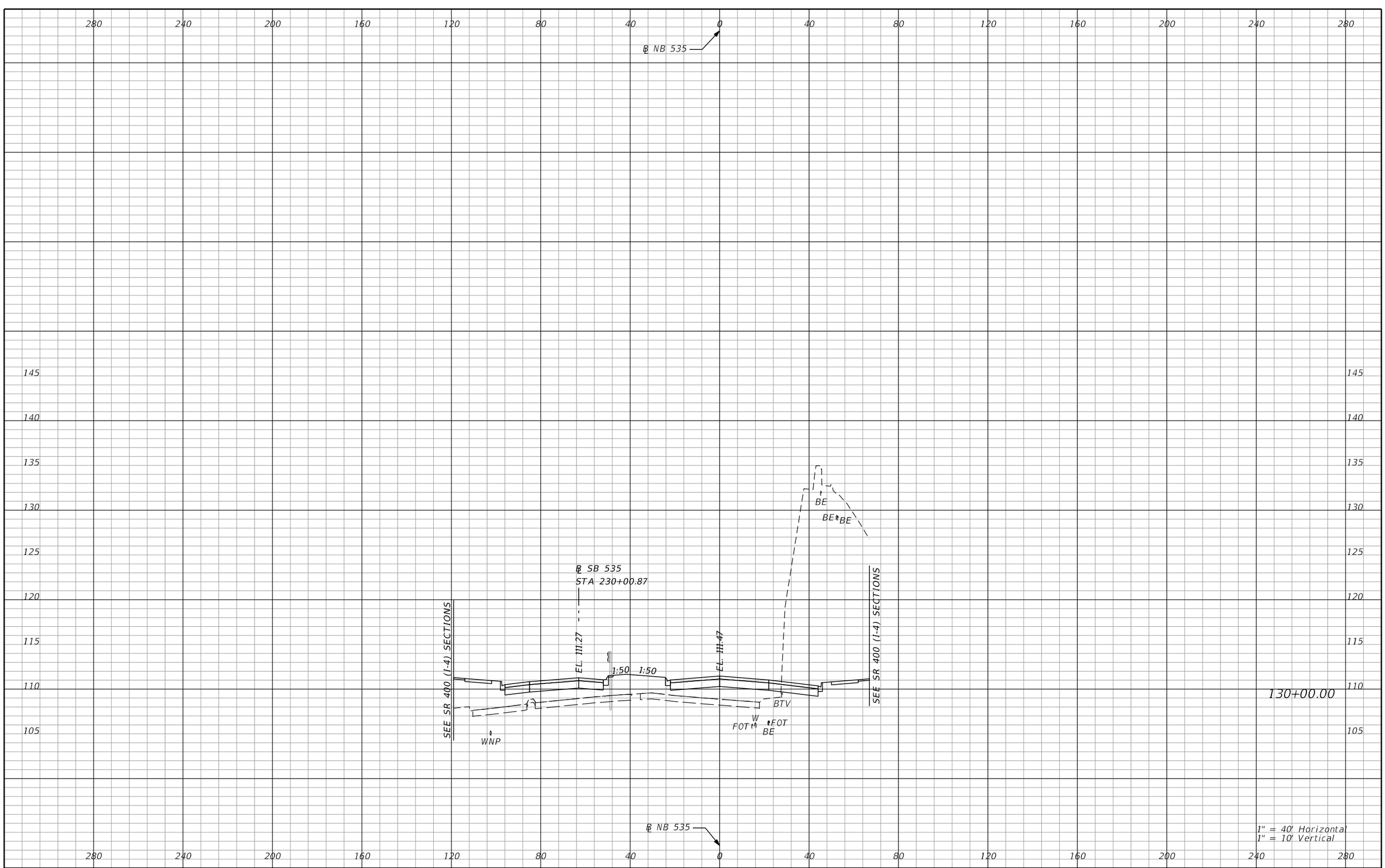

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SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1132

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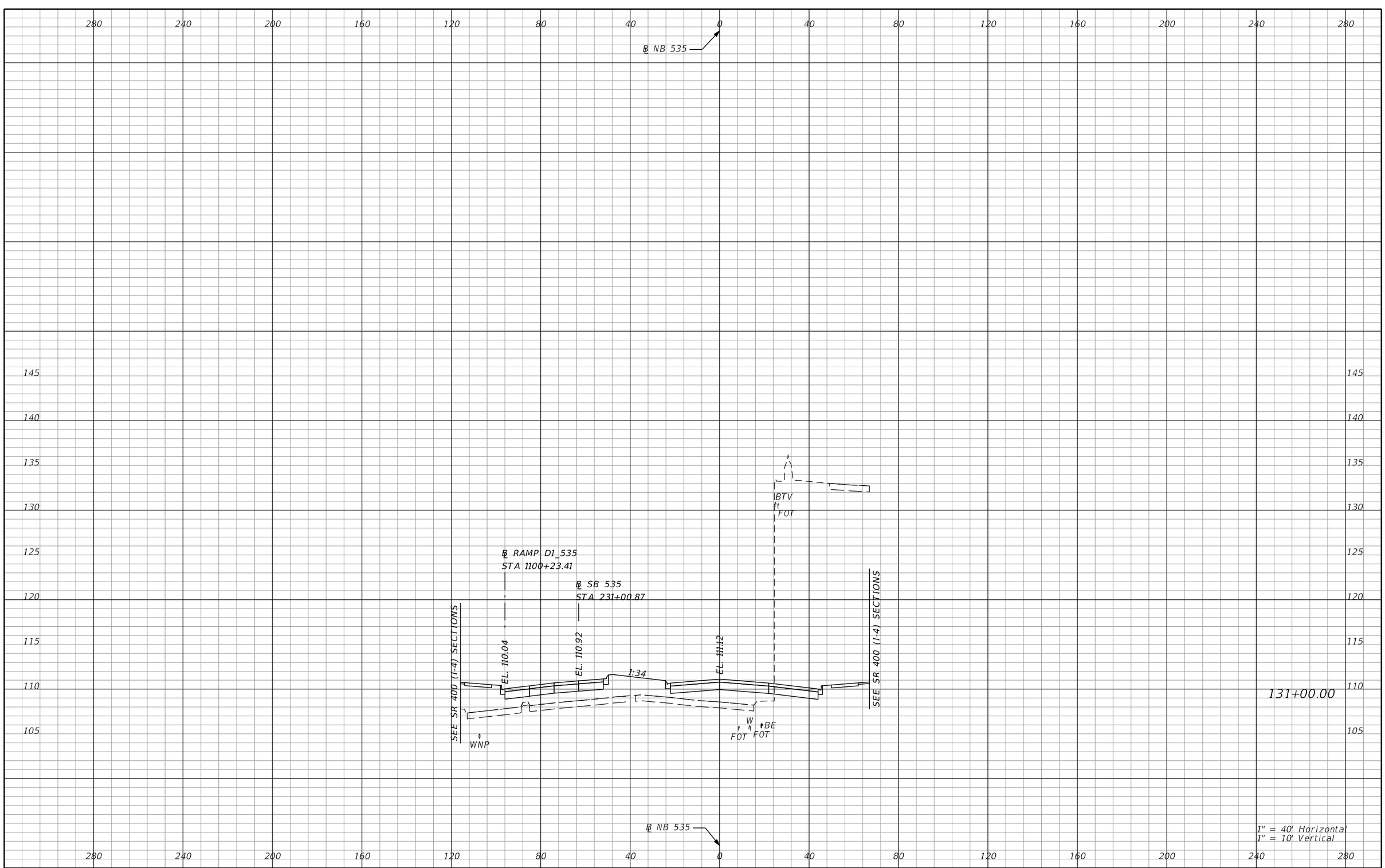

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1133

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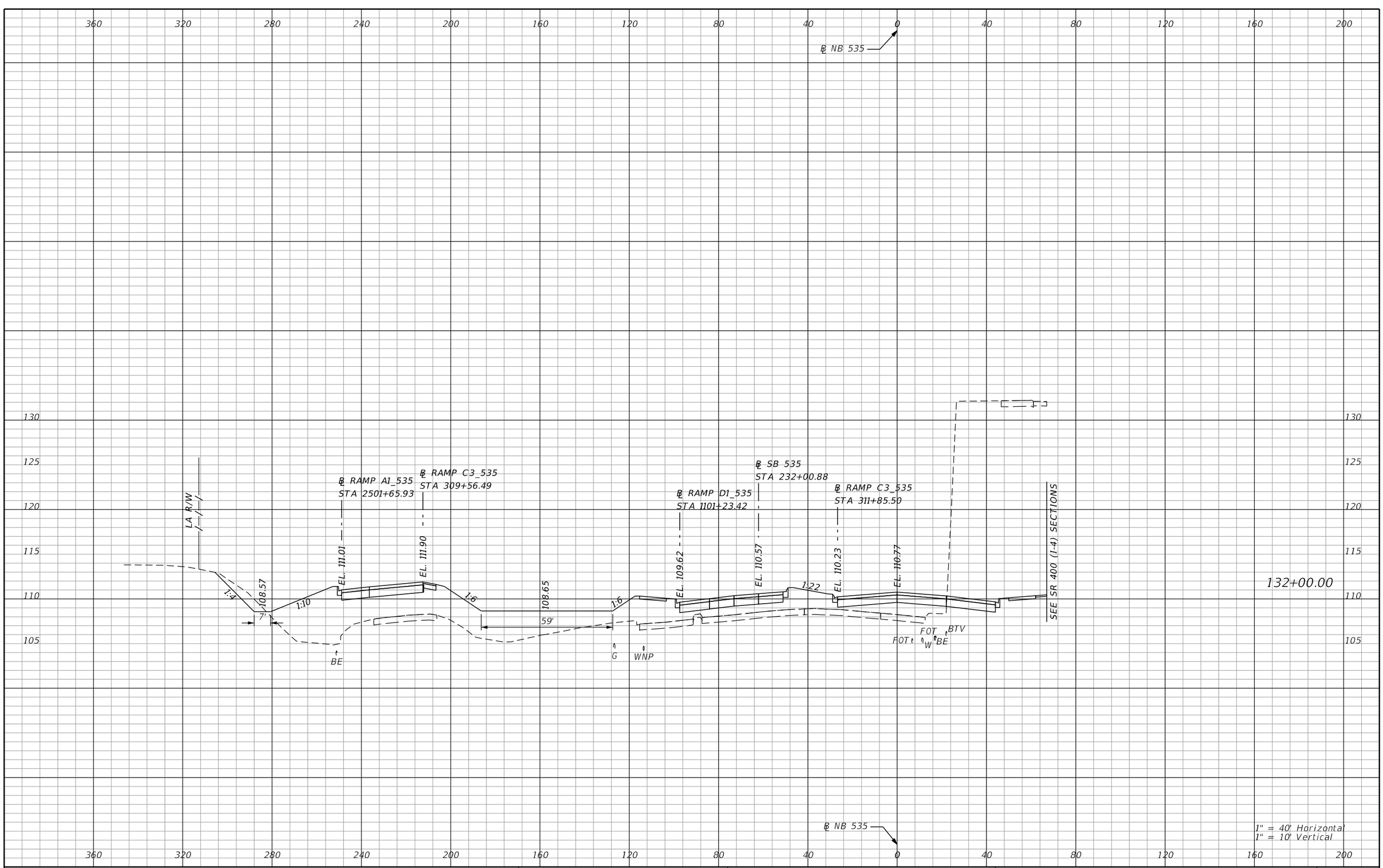

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SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO.
1134

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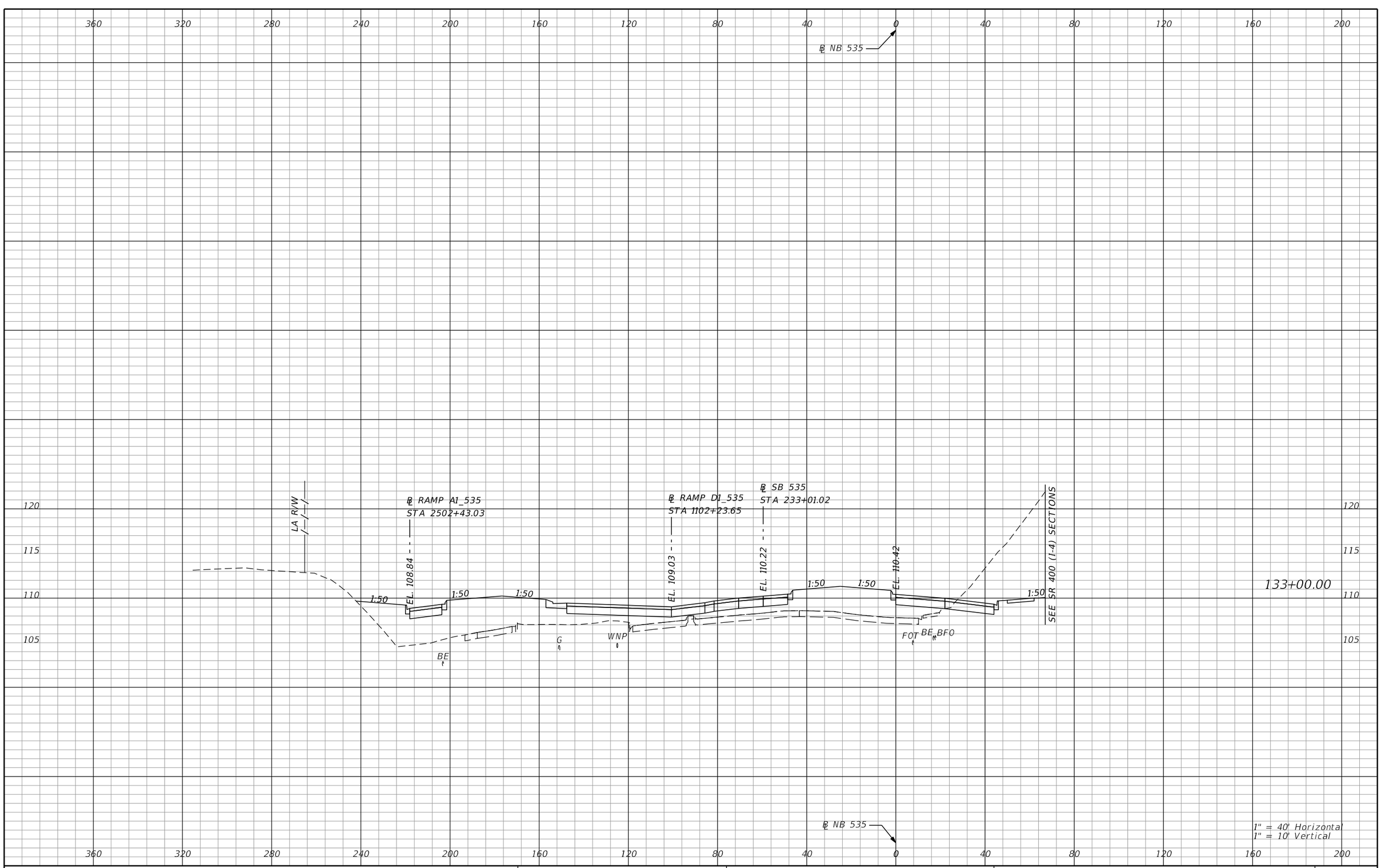

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1135

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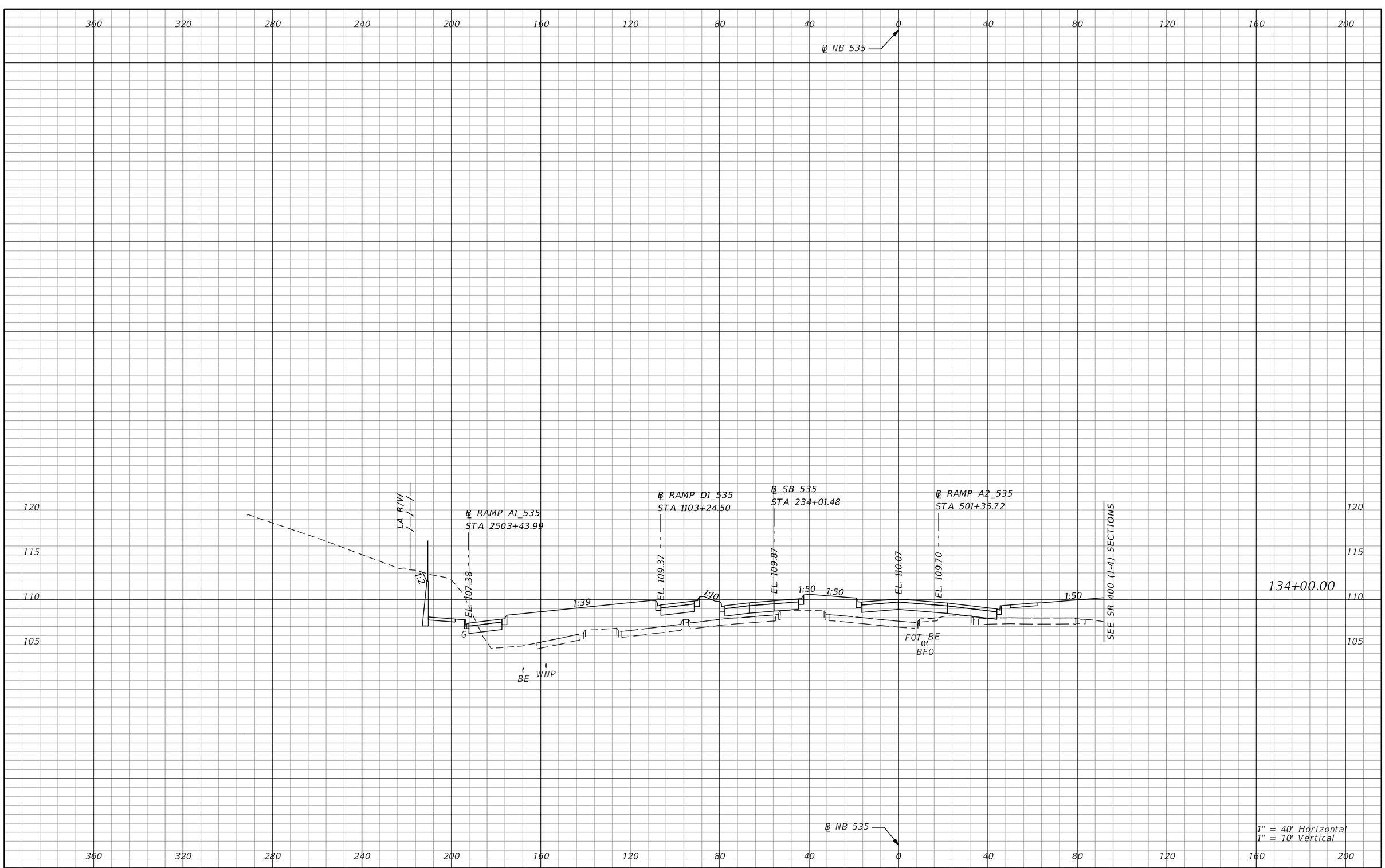

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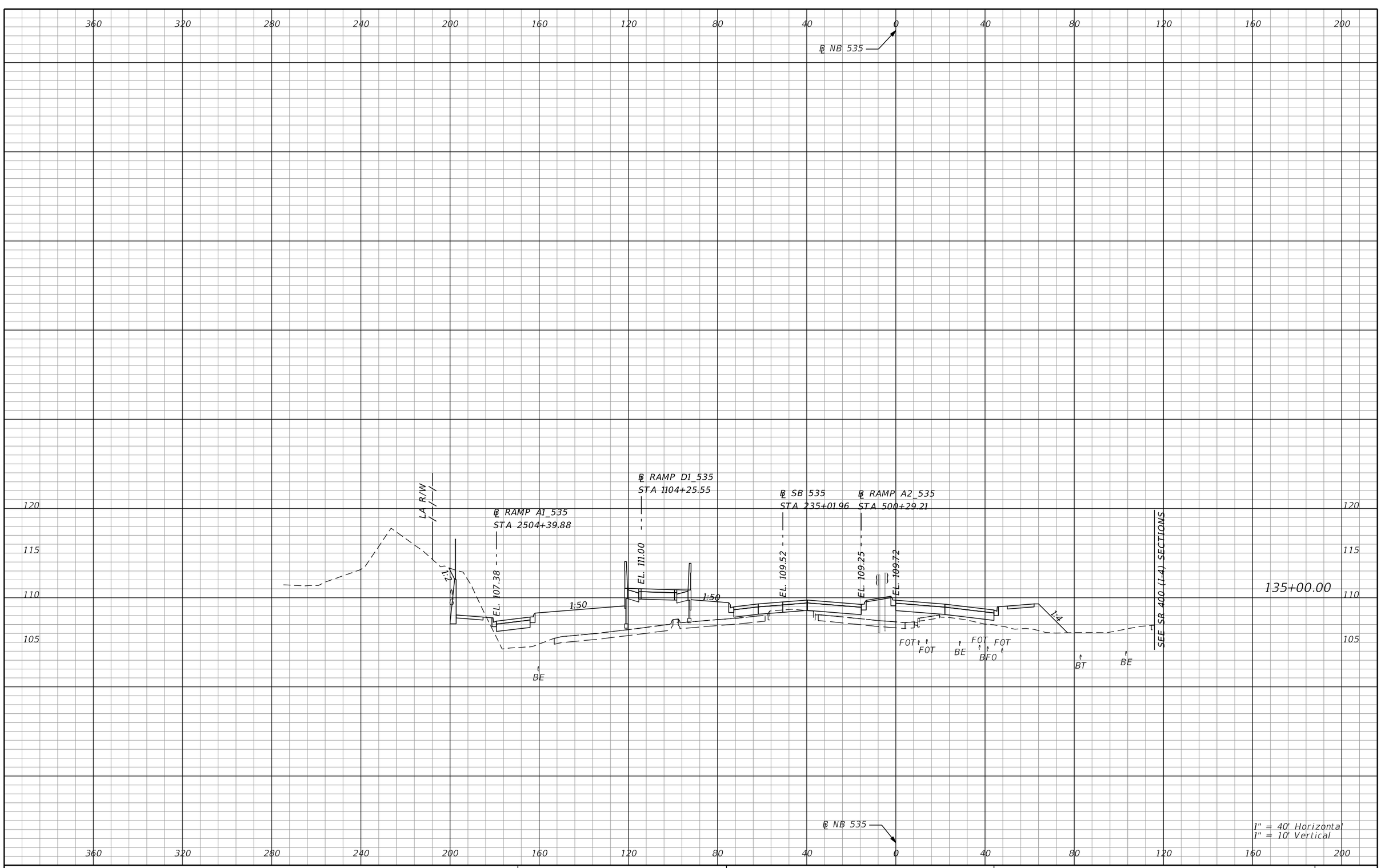
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1136



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1137

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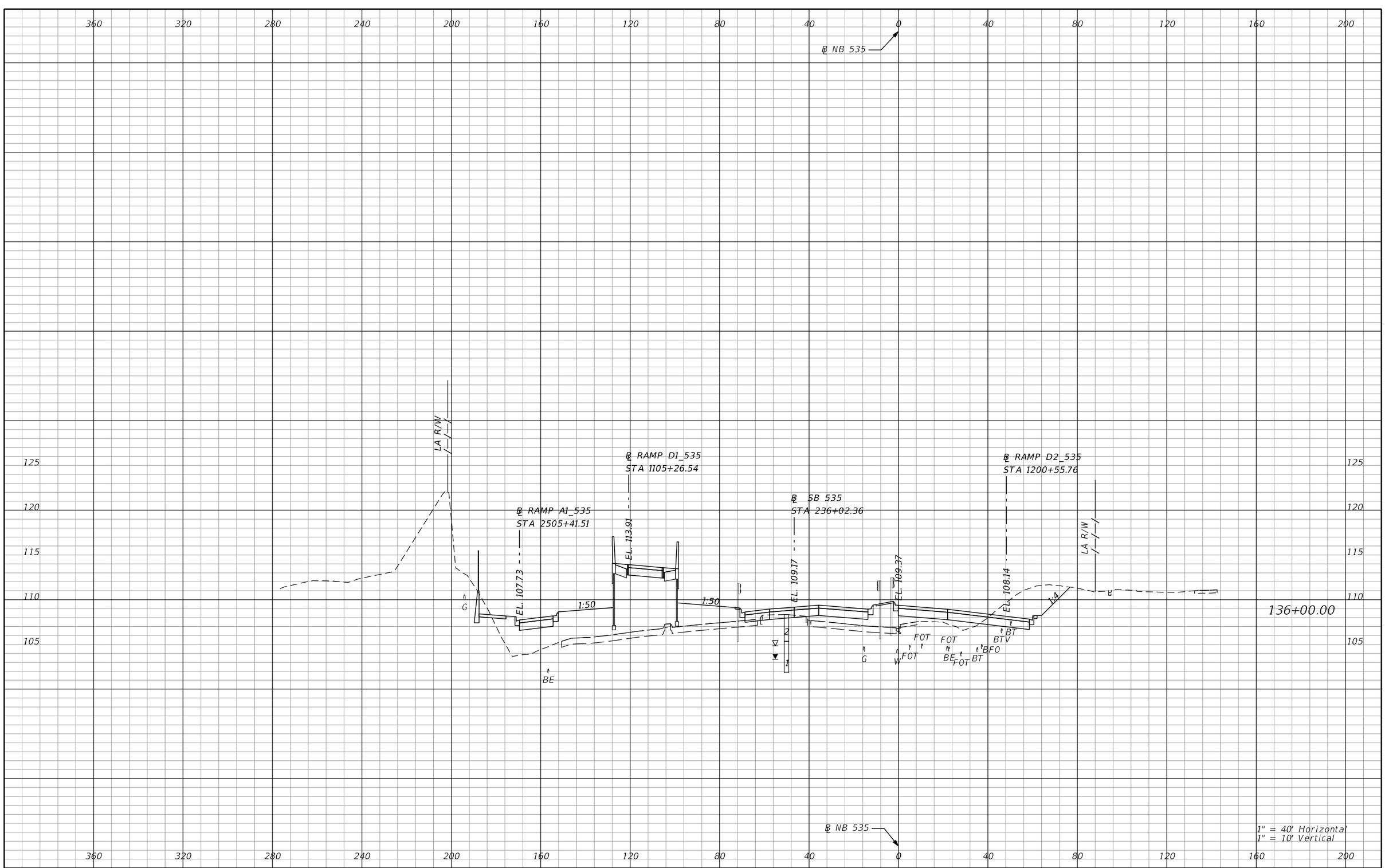

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1138

PRELIMINARY: NOT FOR CONSTRUCTION

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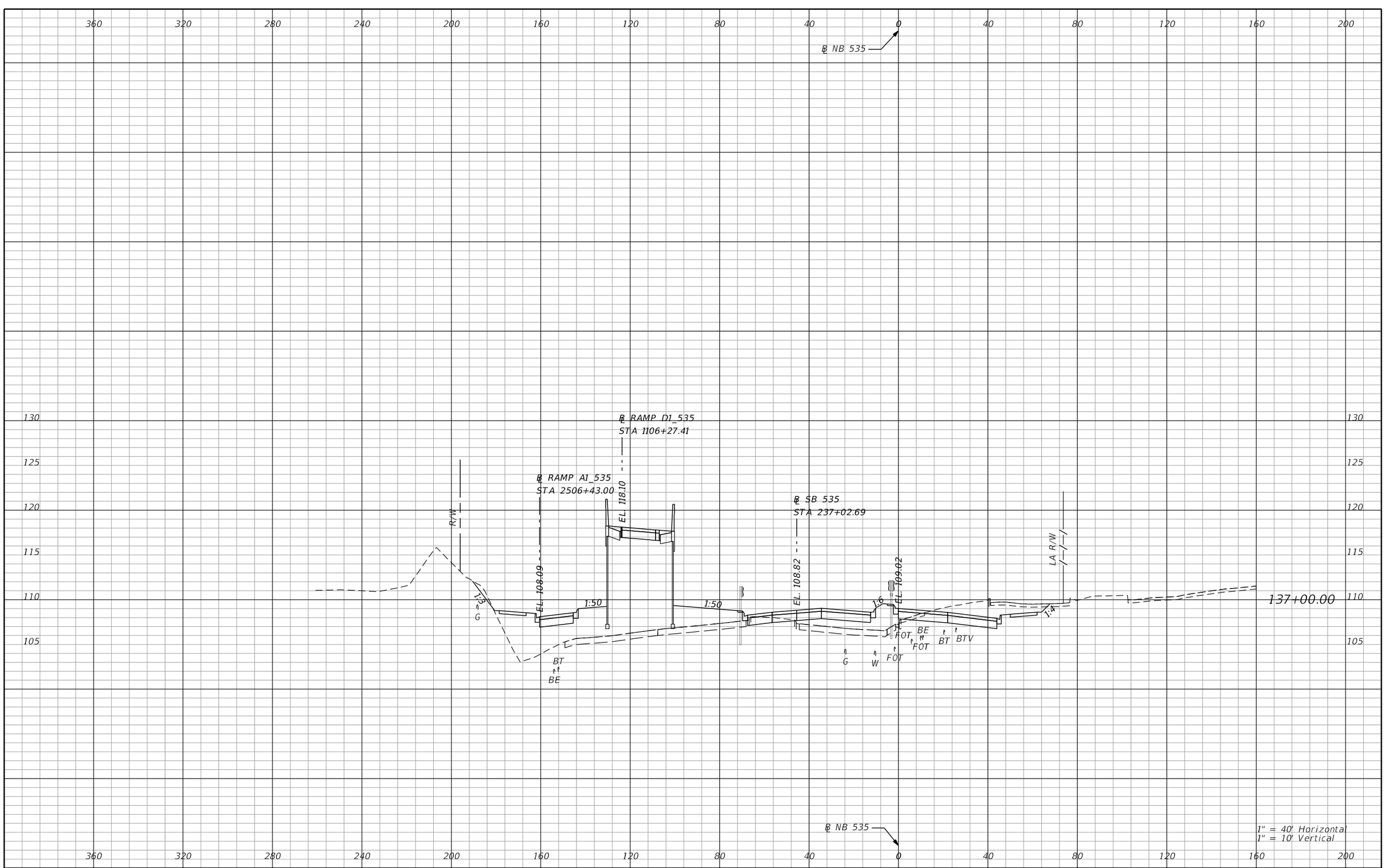

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1139

PRELIMINARY: NOT FOR CONSTRUCTION

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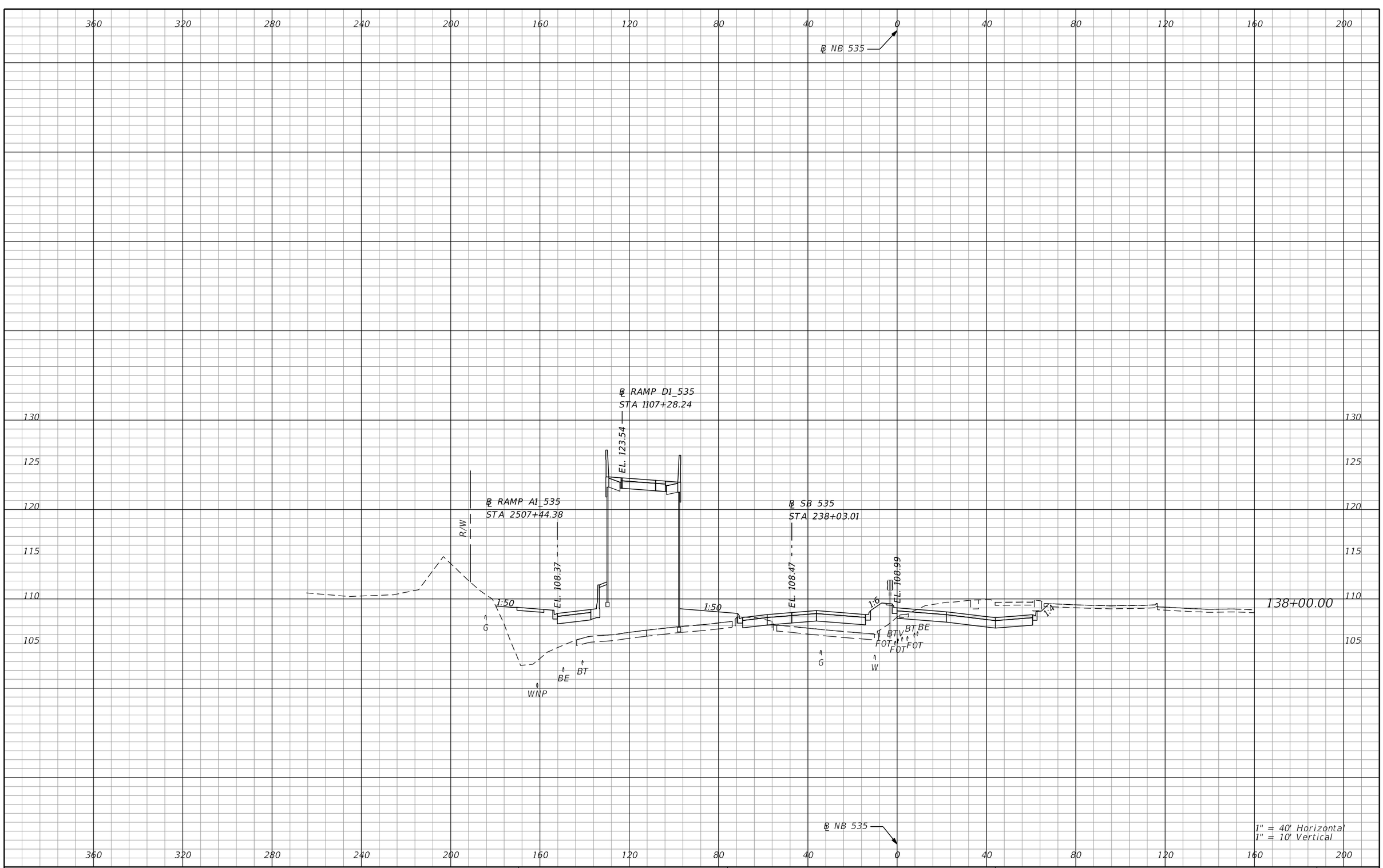

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CROSS SECTIONS

SHEET NO. 1140

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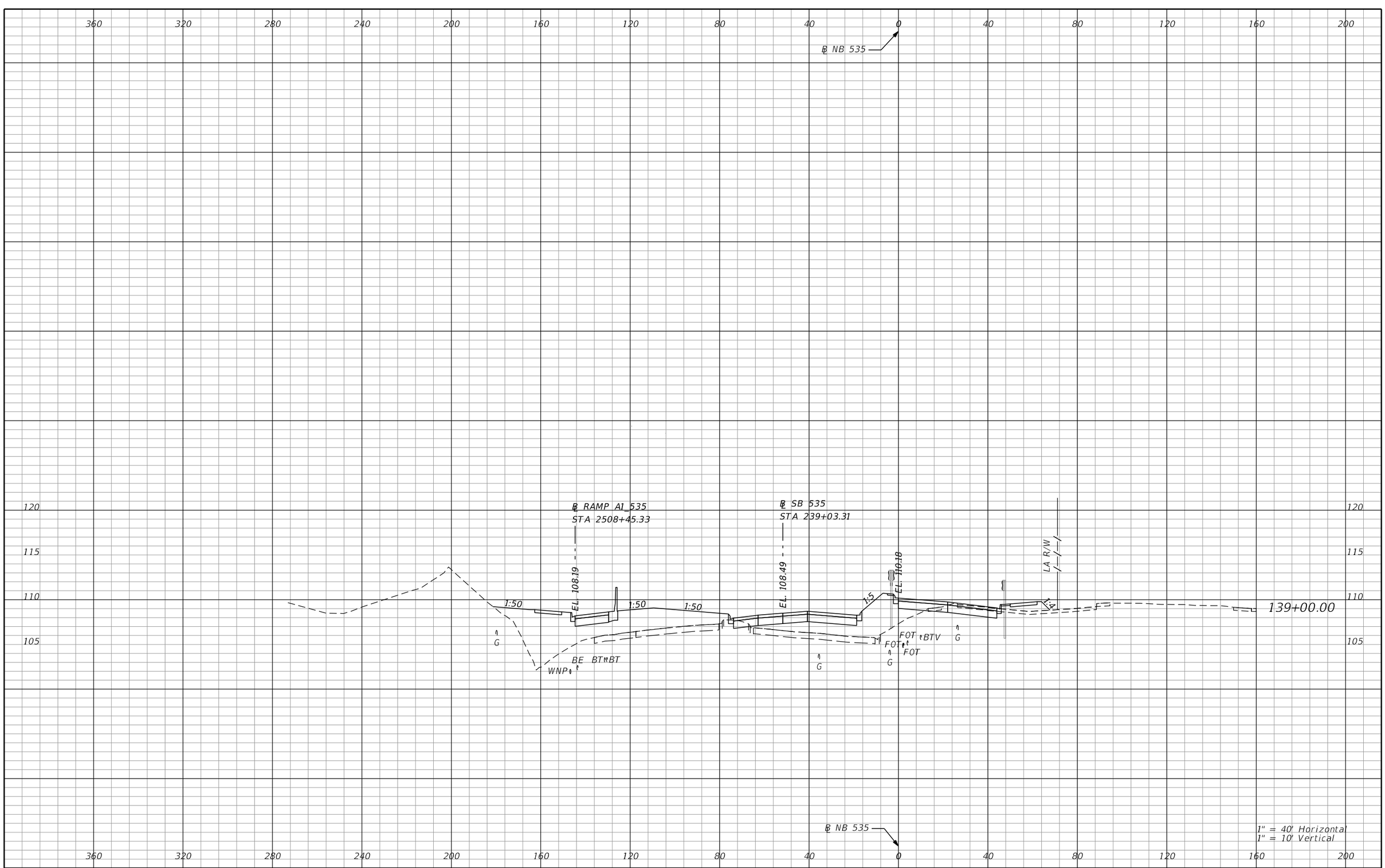

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CROSS SECTIONS

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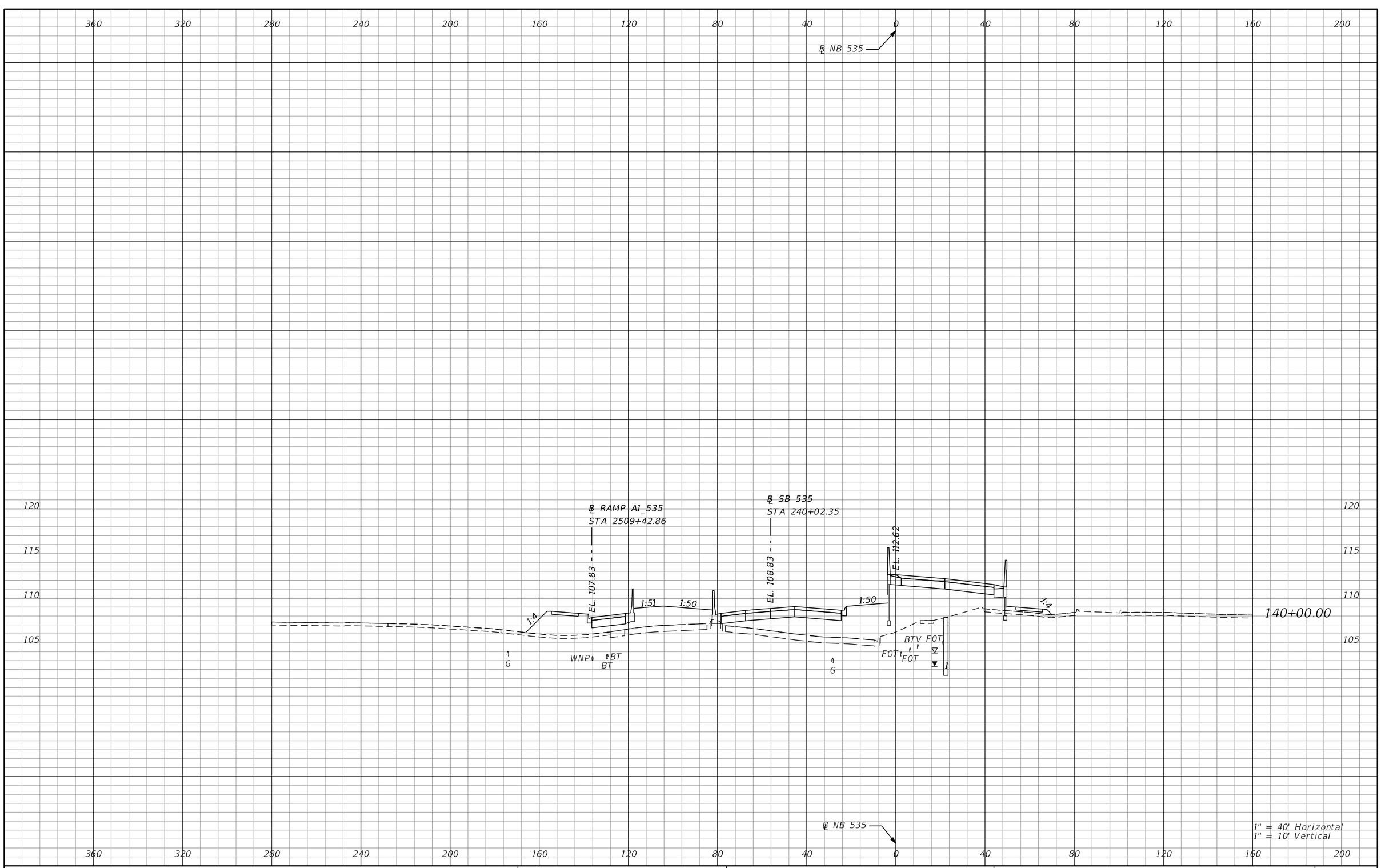

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CROSS SECTIONS

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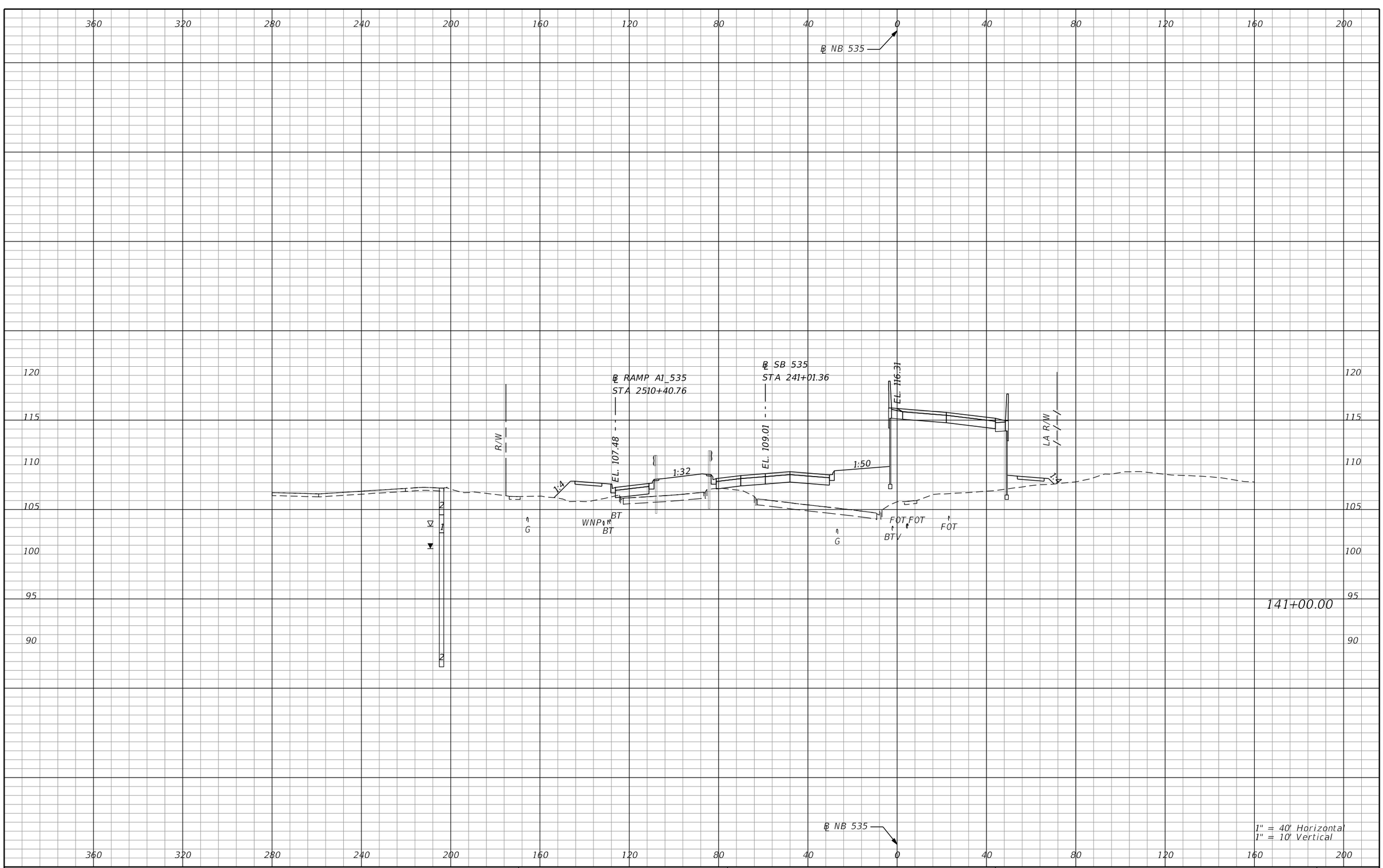

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CROSS SECTIONS

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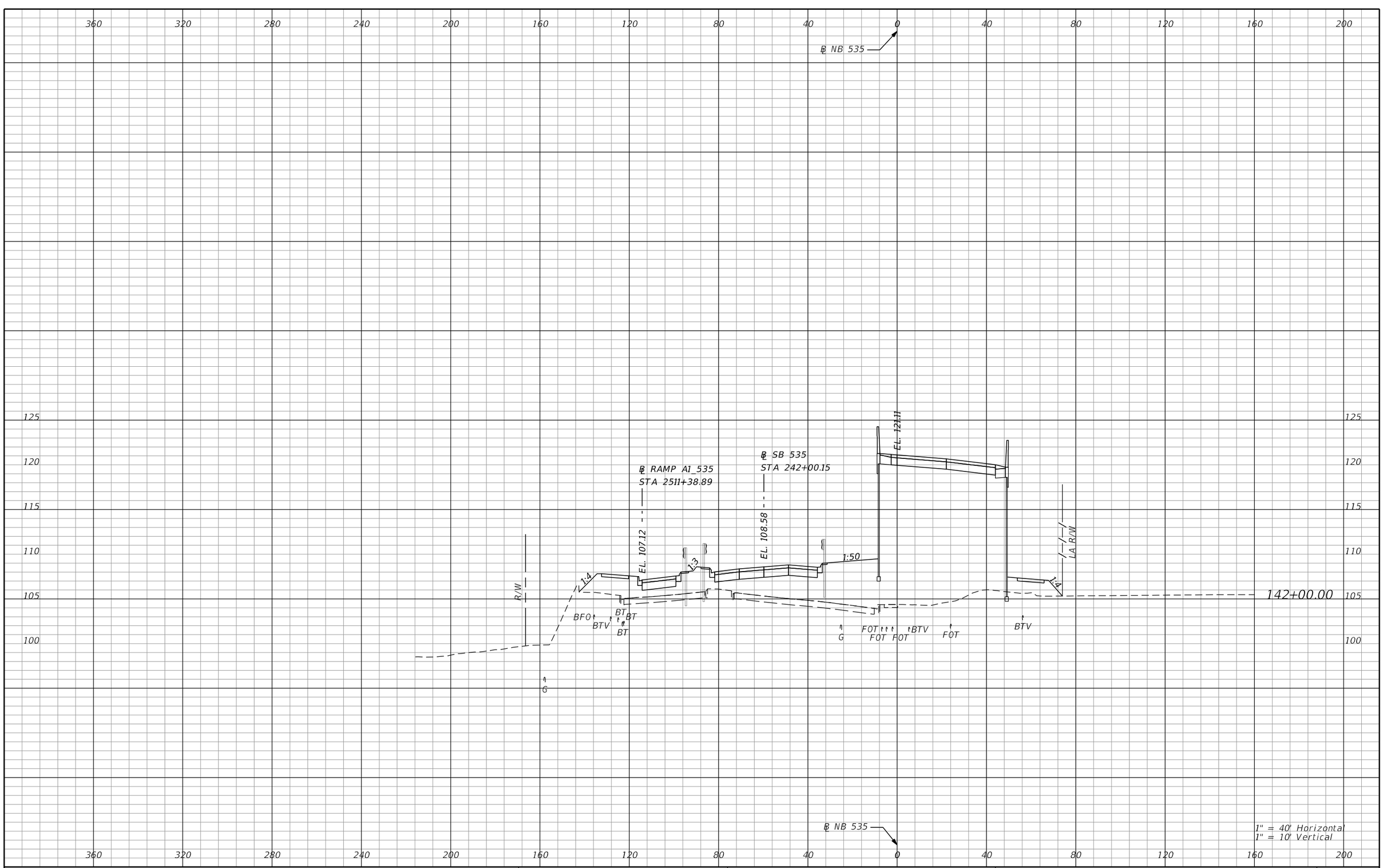

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SHEET NO. 1144

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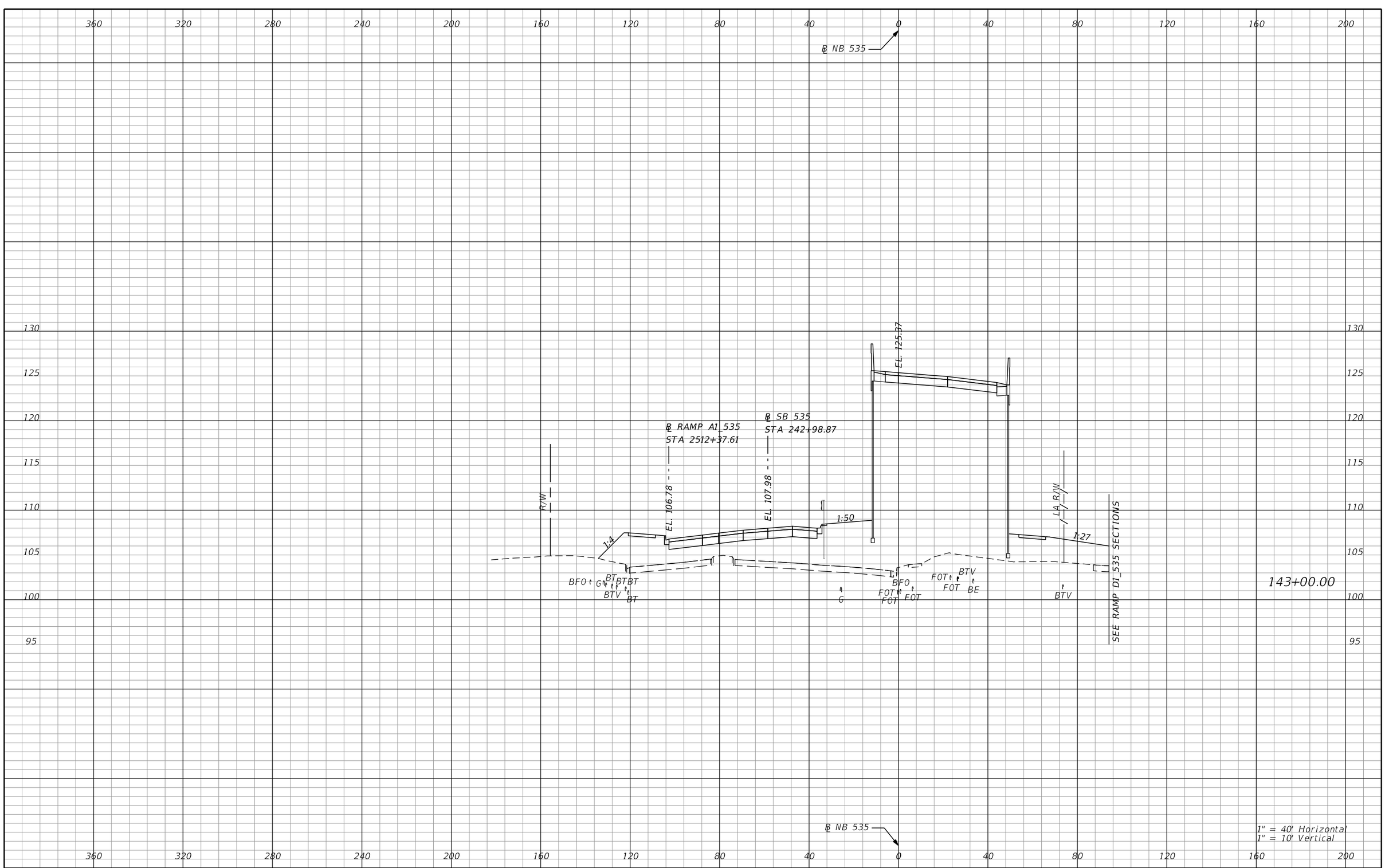

REVISIONS			
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AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
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Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1145

PRELIMINARY: NOT FOR CONSTRUCTION

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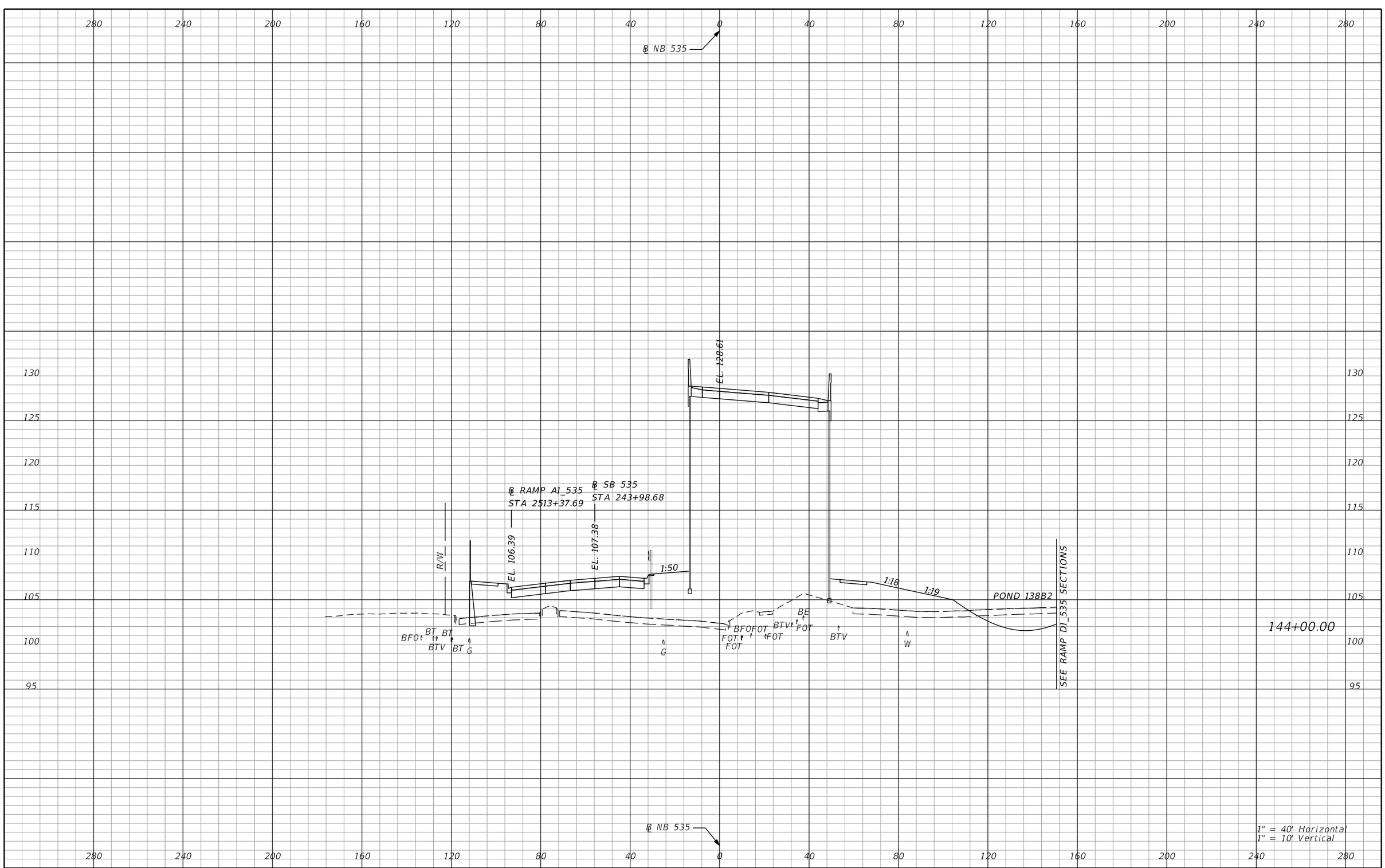

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1146

PRELIMINARY: NOT FOR CONSTRUCTION

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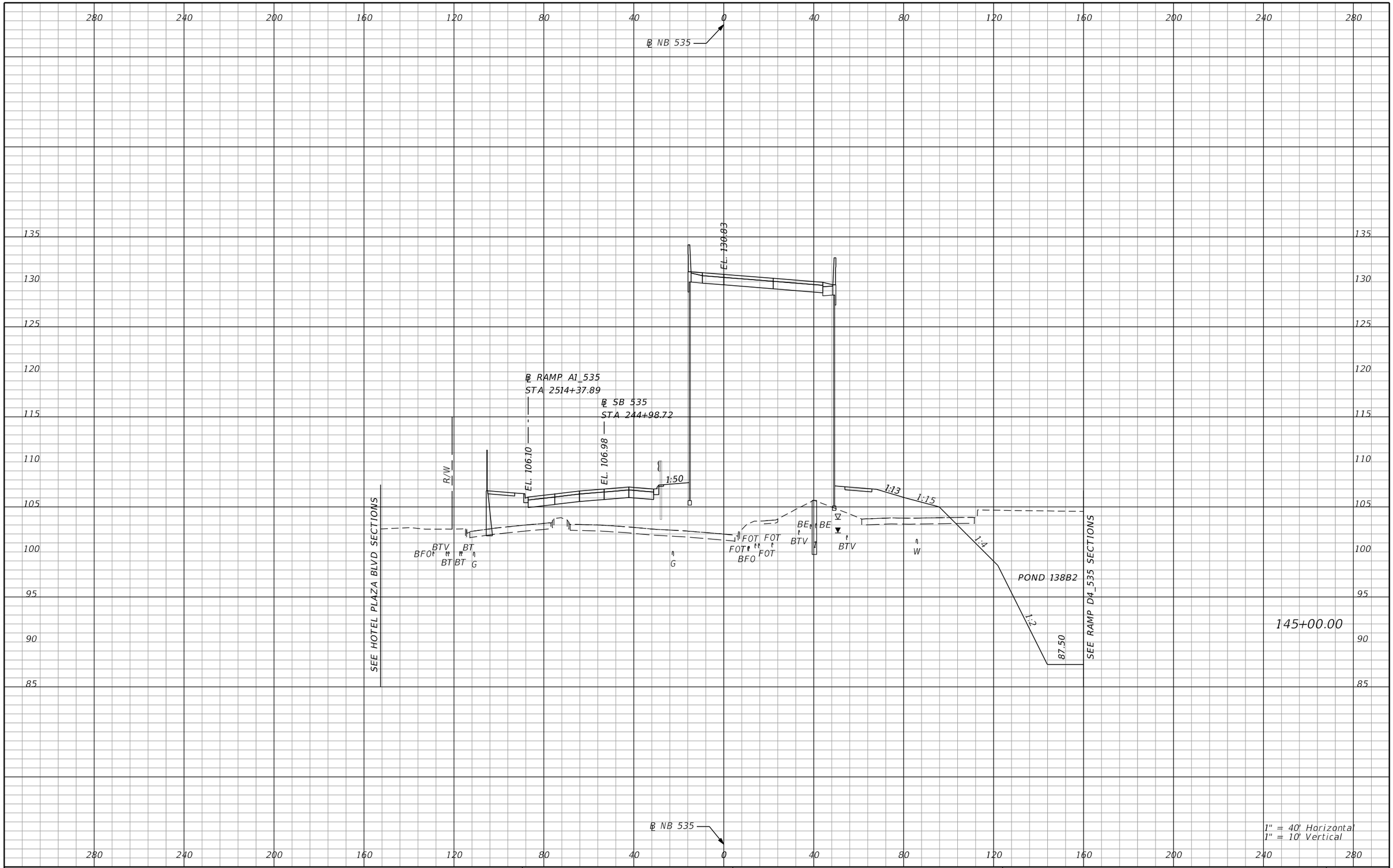

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1147

PRELIMINARY: NOT FOR CONSTRUCTION

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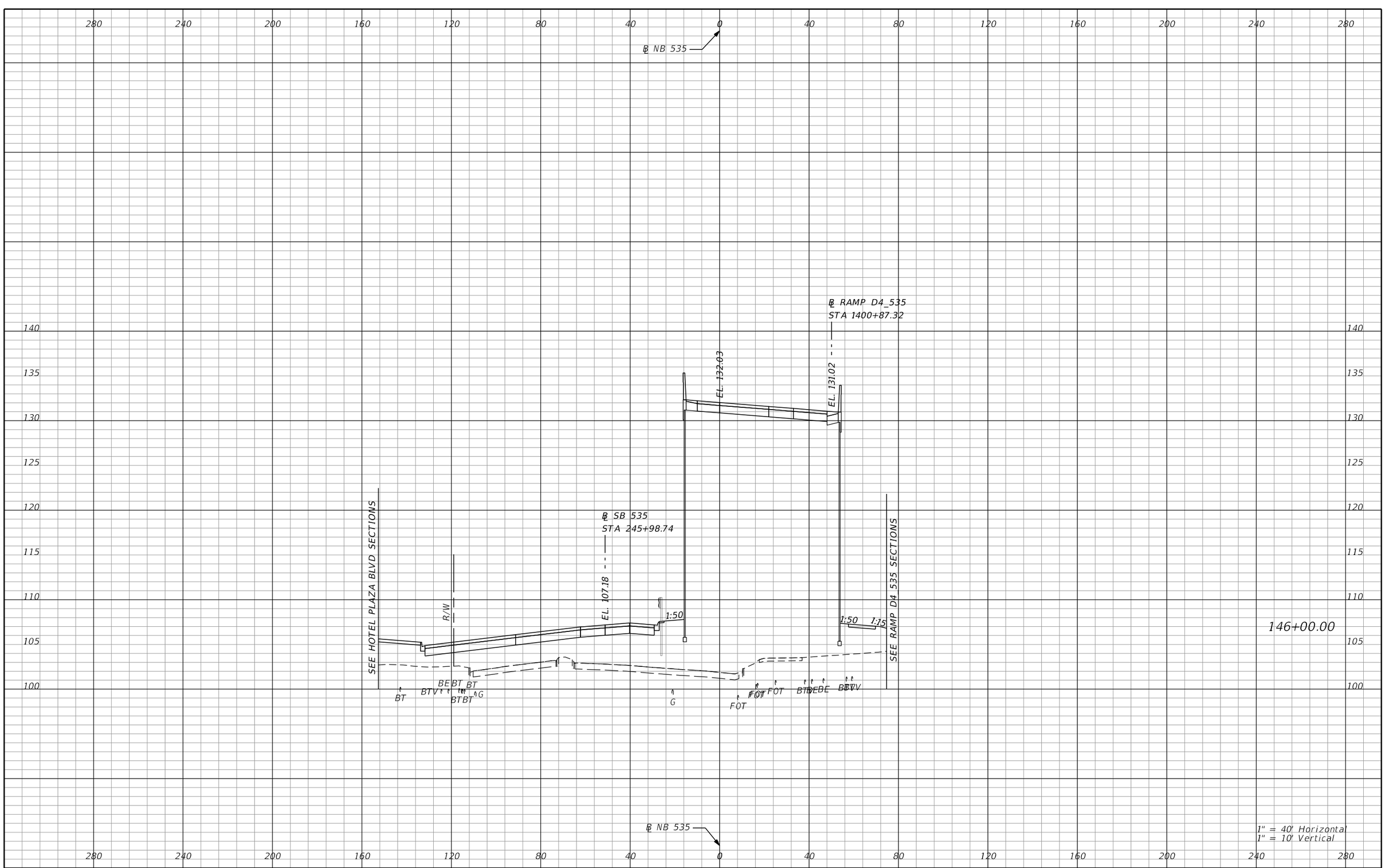

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1148

PRELIMINARY: NOT FOR CONSTRUCTION

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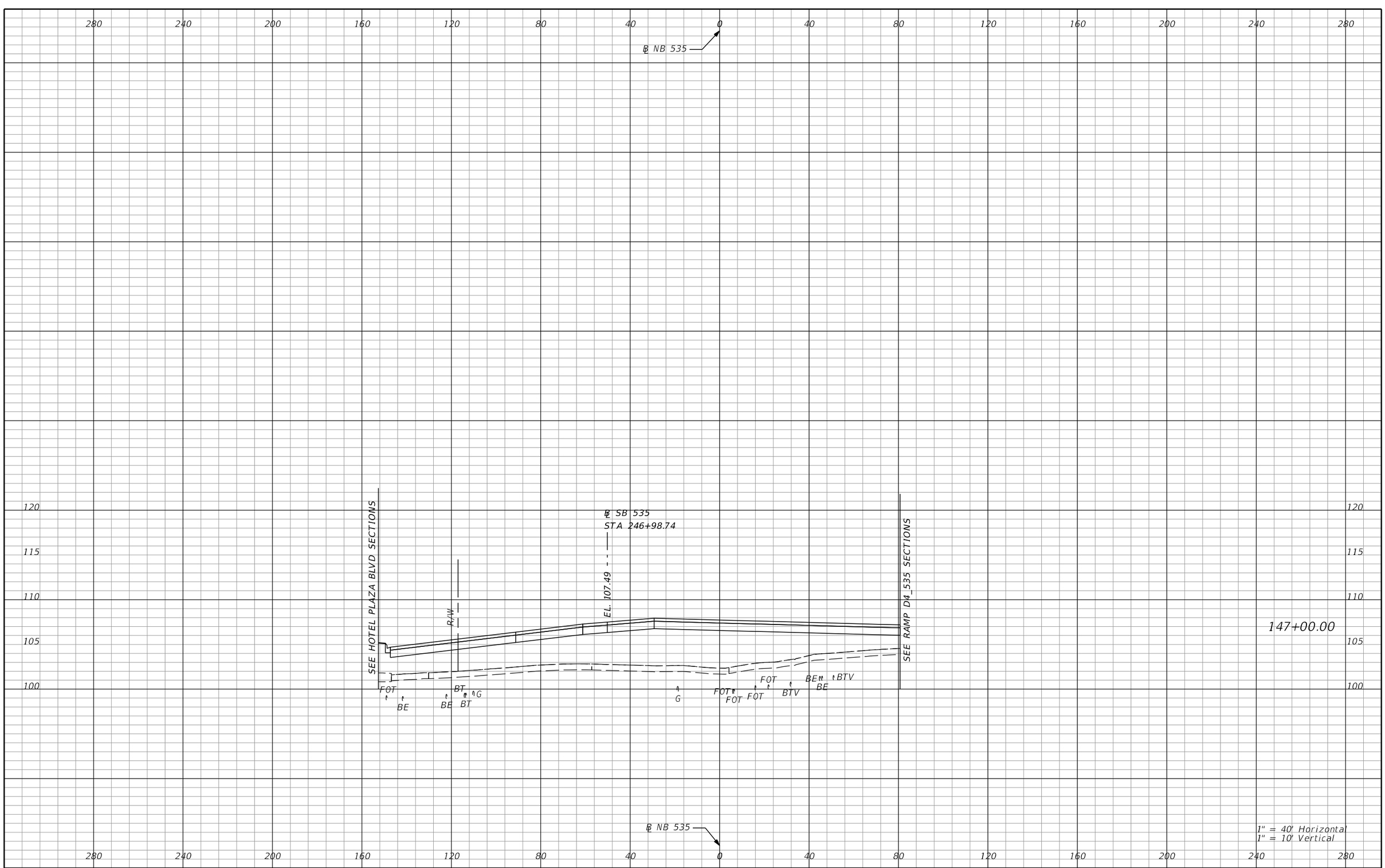

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1149

PRELIMINARY: NOT FOR CONSTRUCTION

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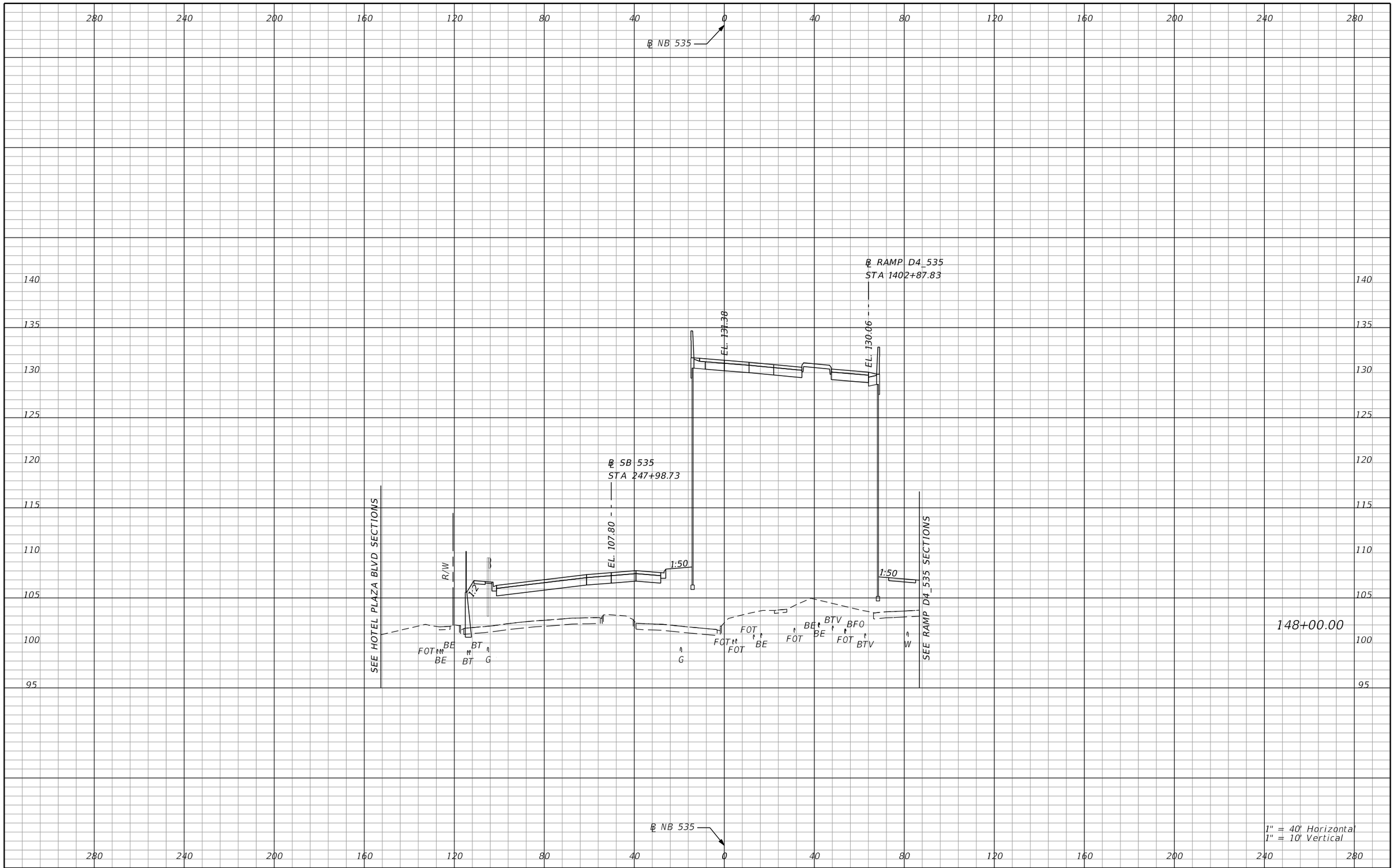

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1150

PRELIMINARY: NOT FOR CONSTRUCTION

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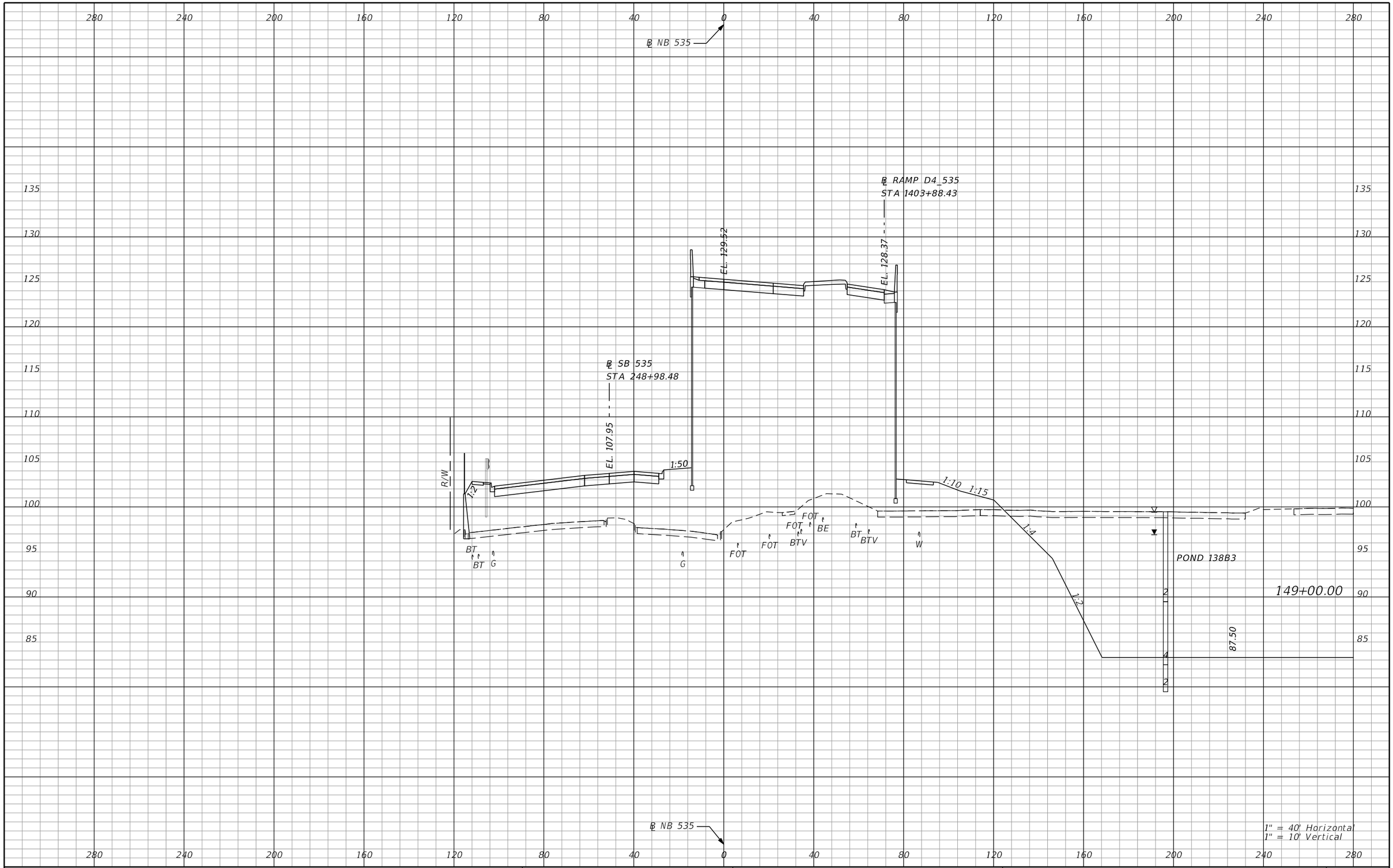

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1151

PRELIMINARY: NOT FOR CONSTRUCTION

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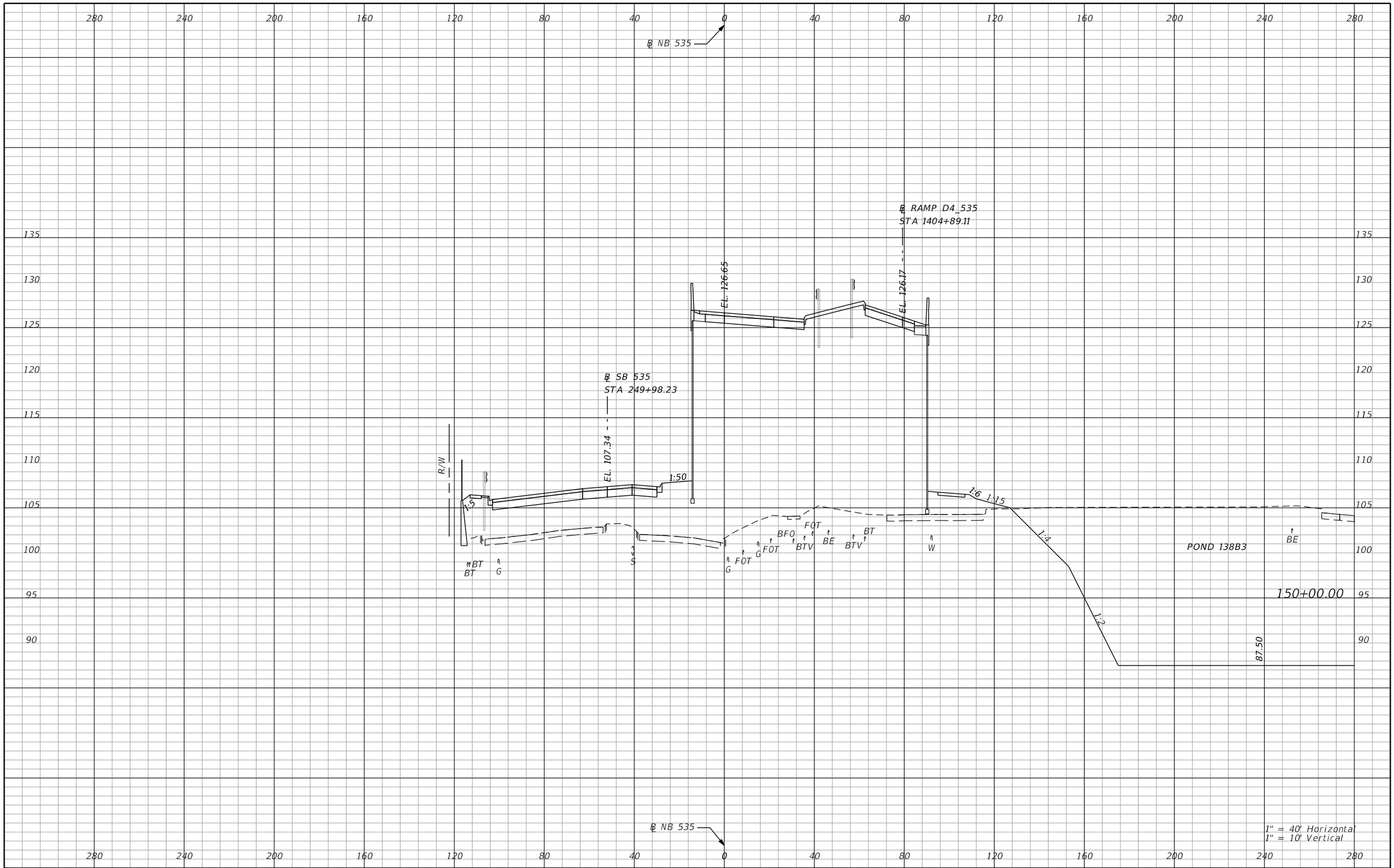

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1152

PRELIMINARY: NOT FOR CONSTRUCTION

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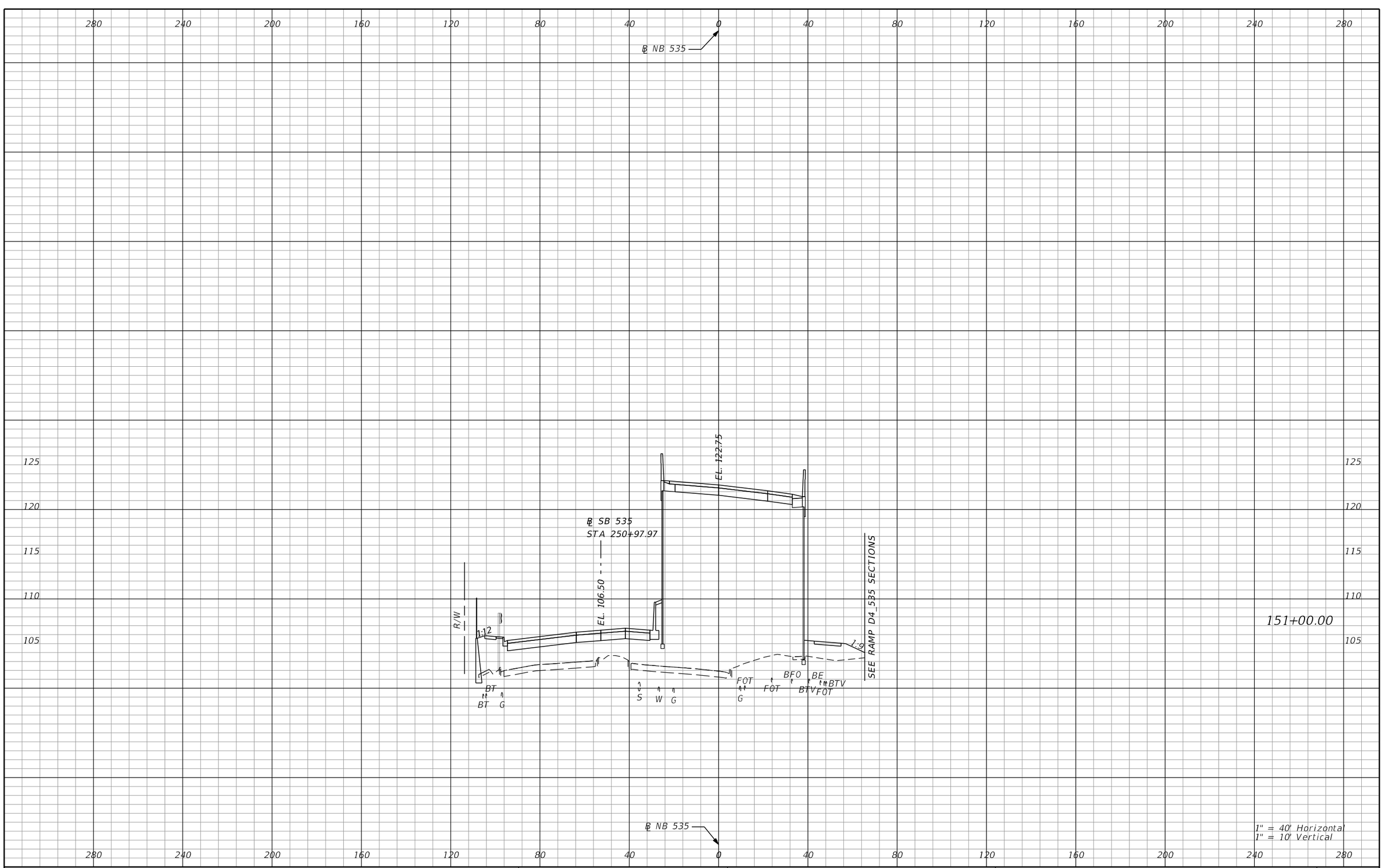

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO.
1153

PRELIMINARY: NOT FOR CONSTRUCTION

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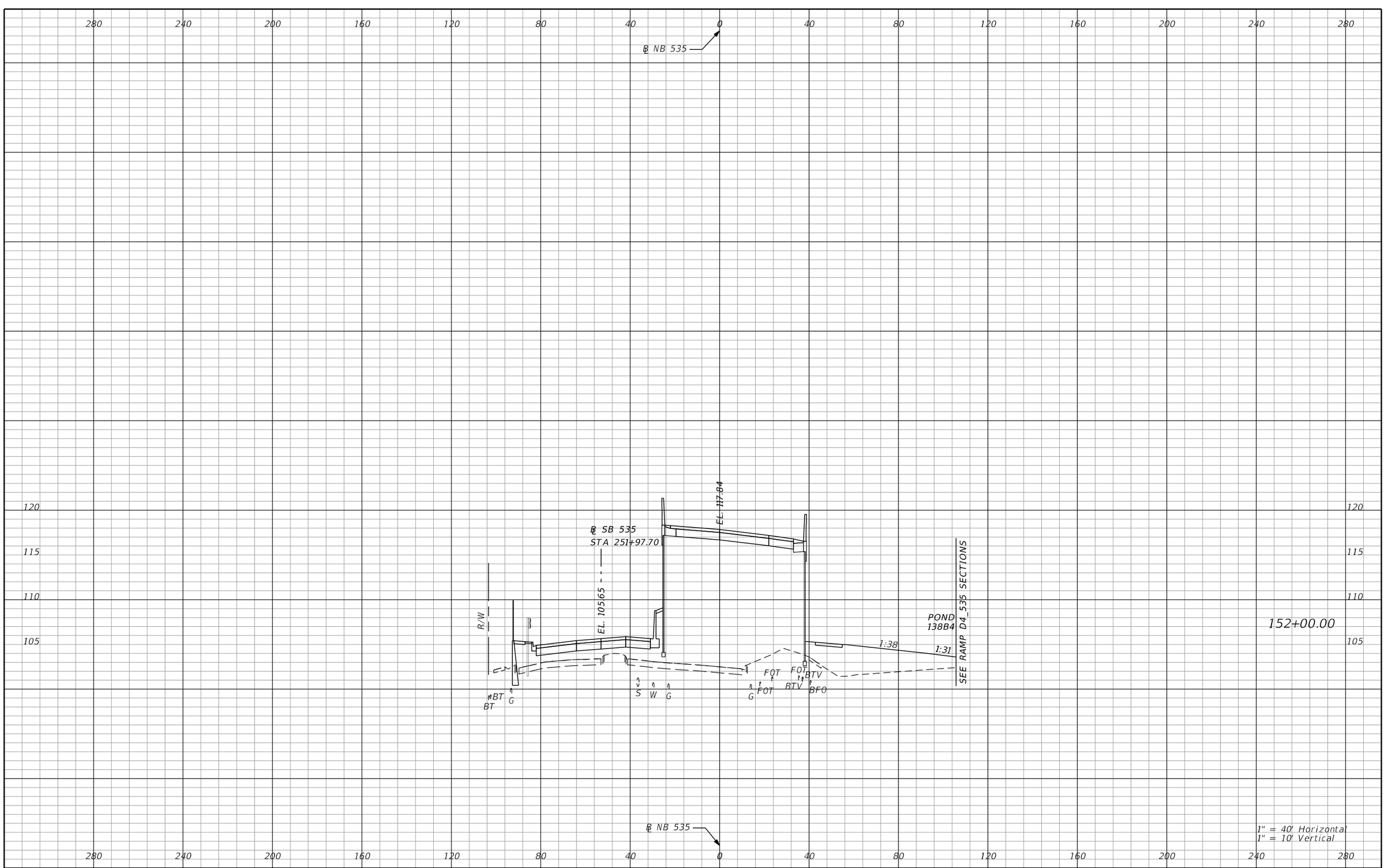

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1154

PRELIMINARY: NOT FOR CONSTRUCTION

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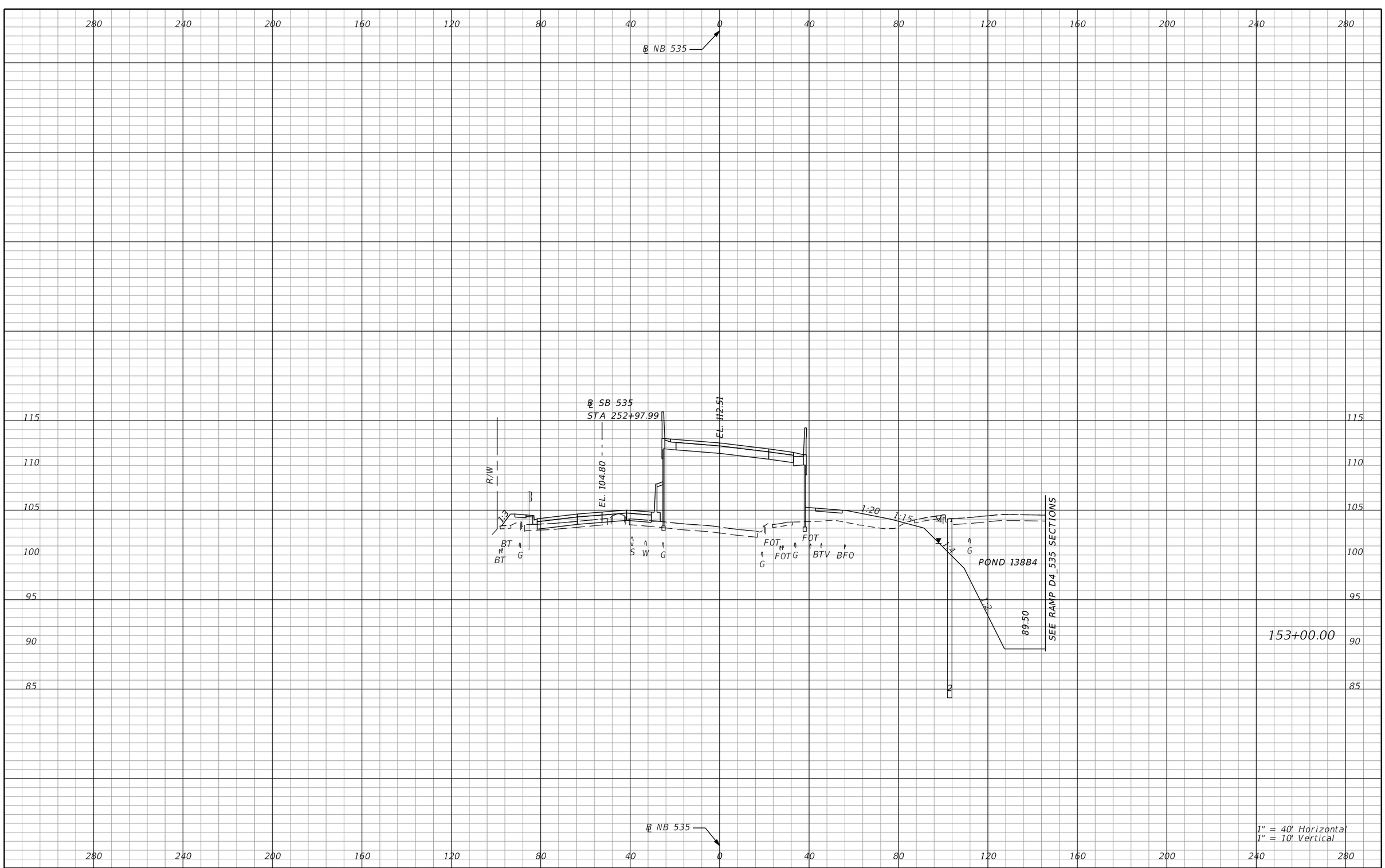

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1155

PRELIMINARY: NOT FOR CONSTRUCTION

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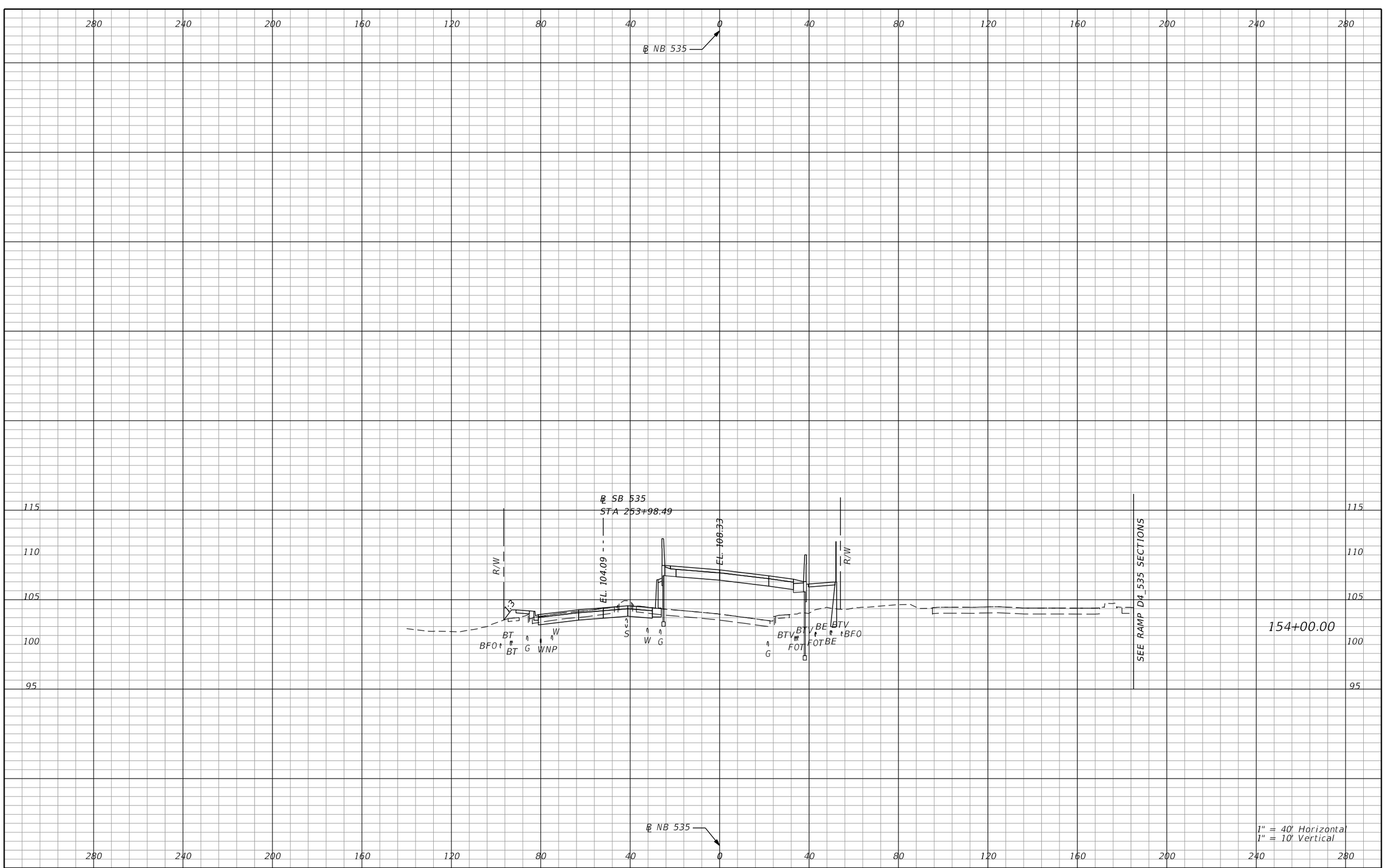

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1156

PRELIMINARY: NOT FOR CONSTRUCTION

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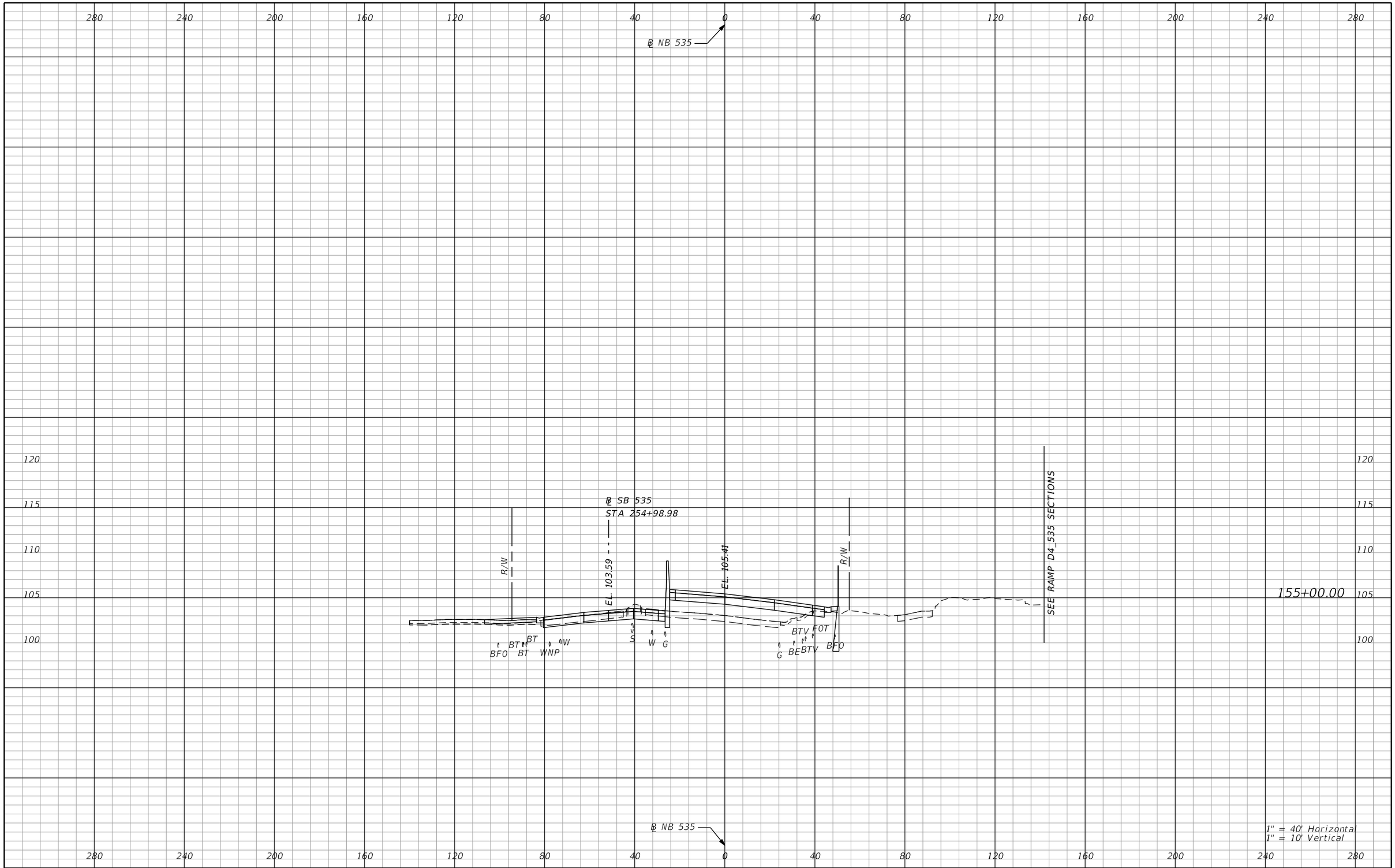

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1157

PRELIMINARY: NOT FOR CONSTRUCTION

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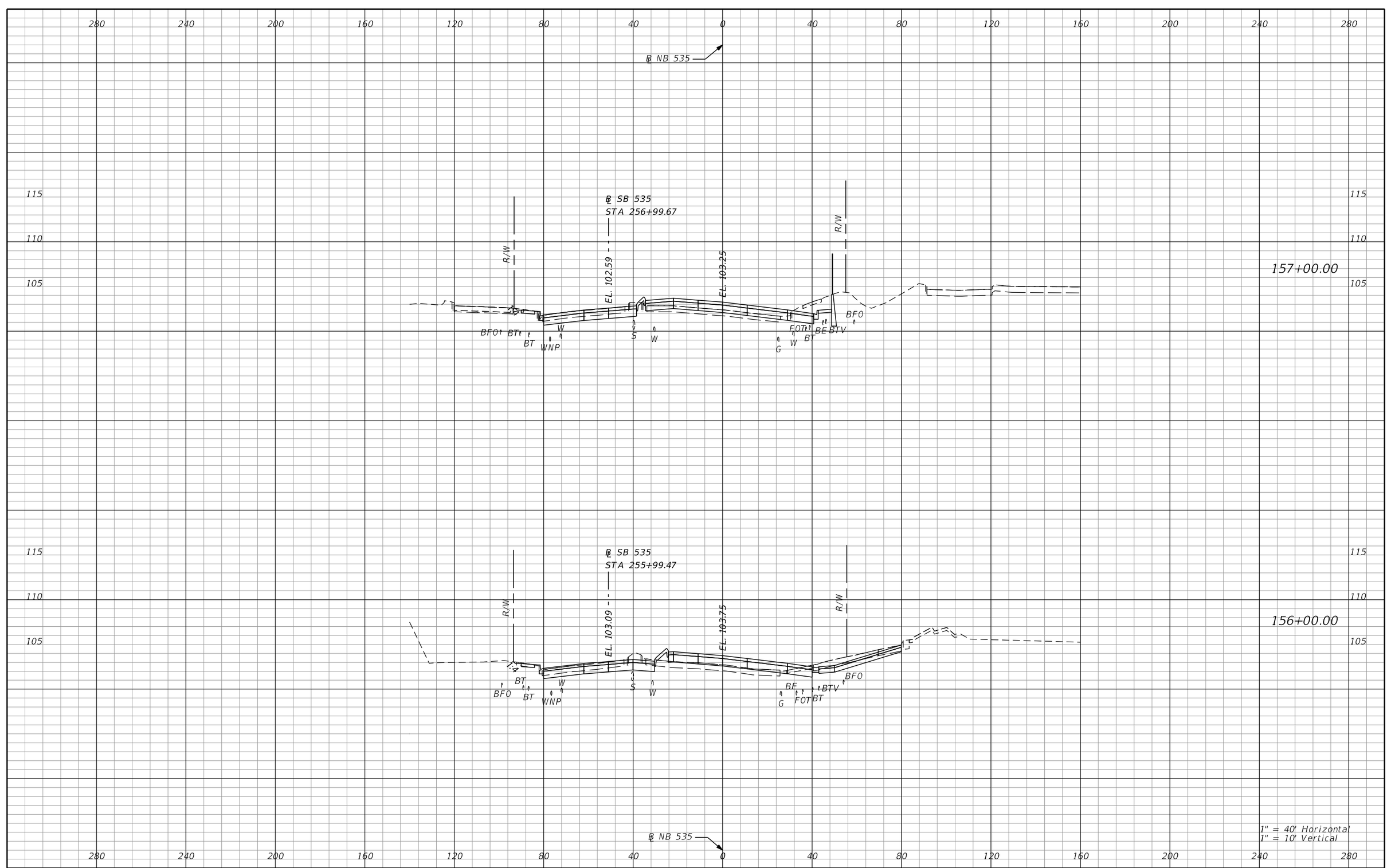

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1158

PRELIMINARY: NOT FOR CONSTRUCTION

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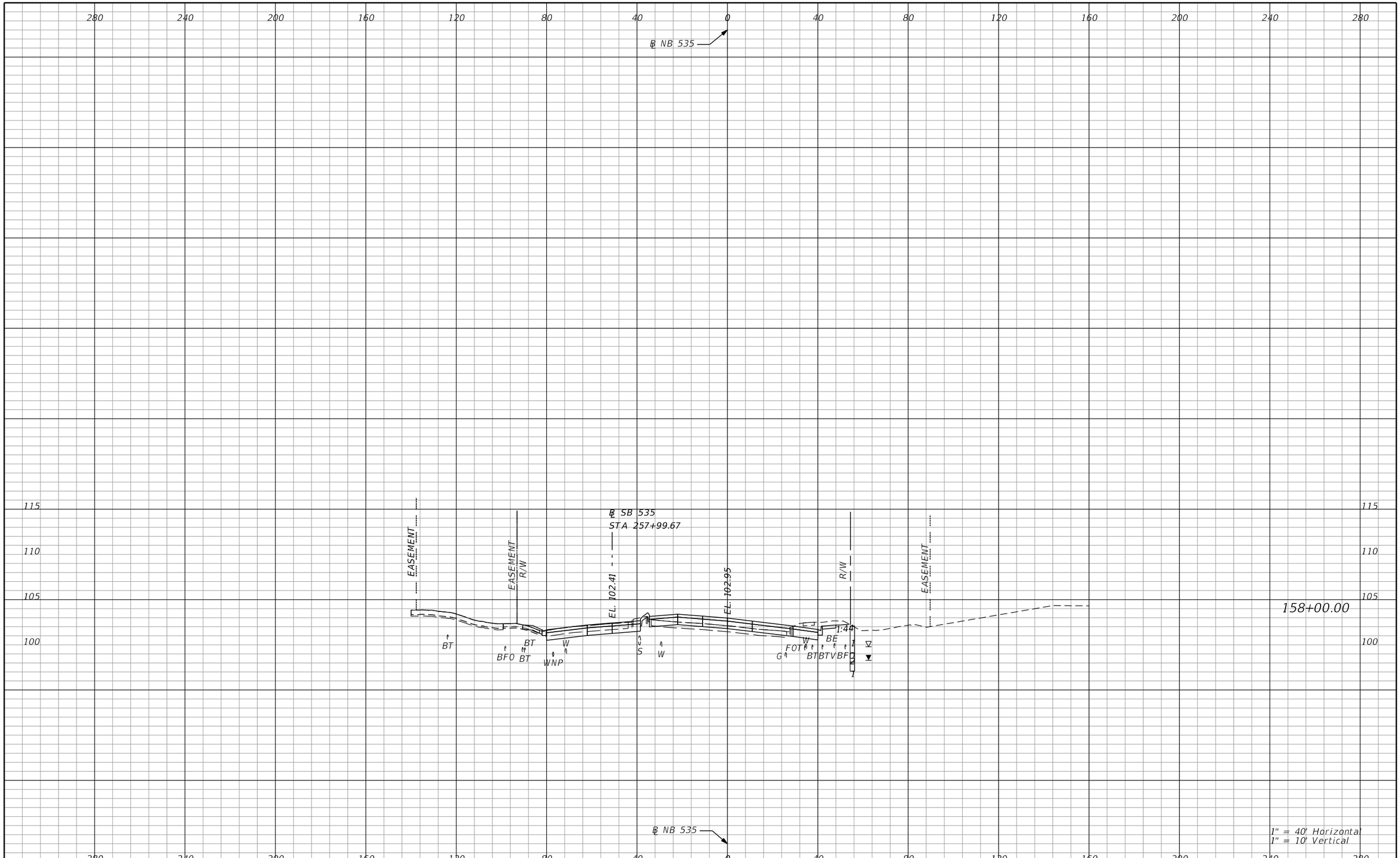

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO.
1159

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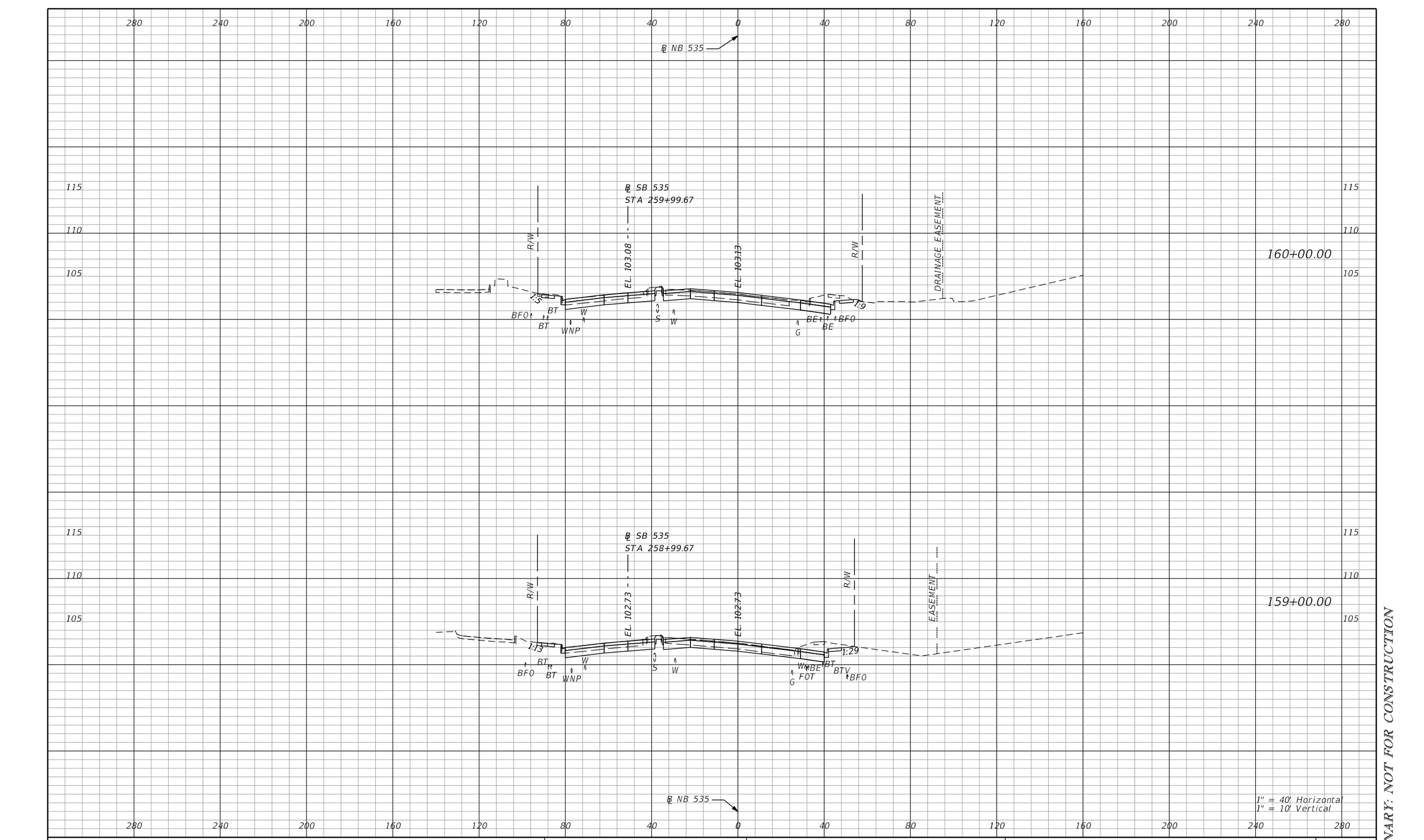

REVISIONS

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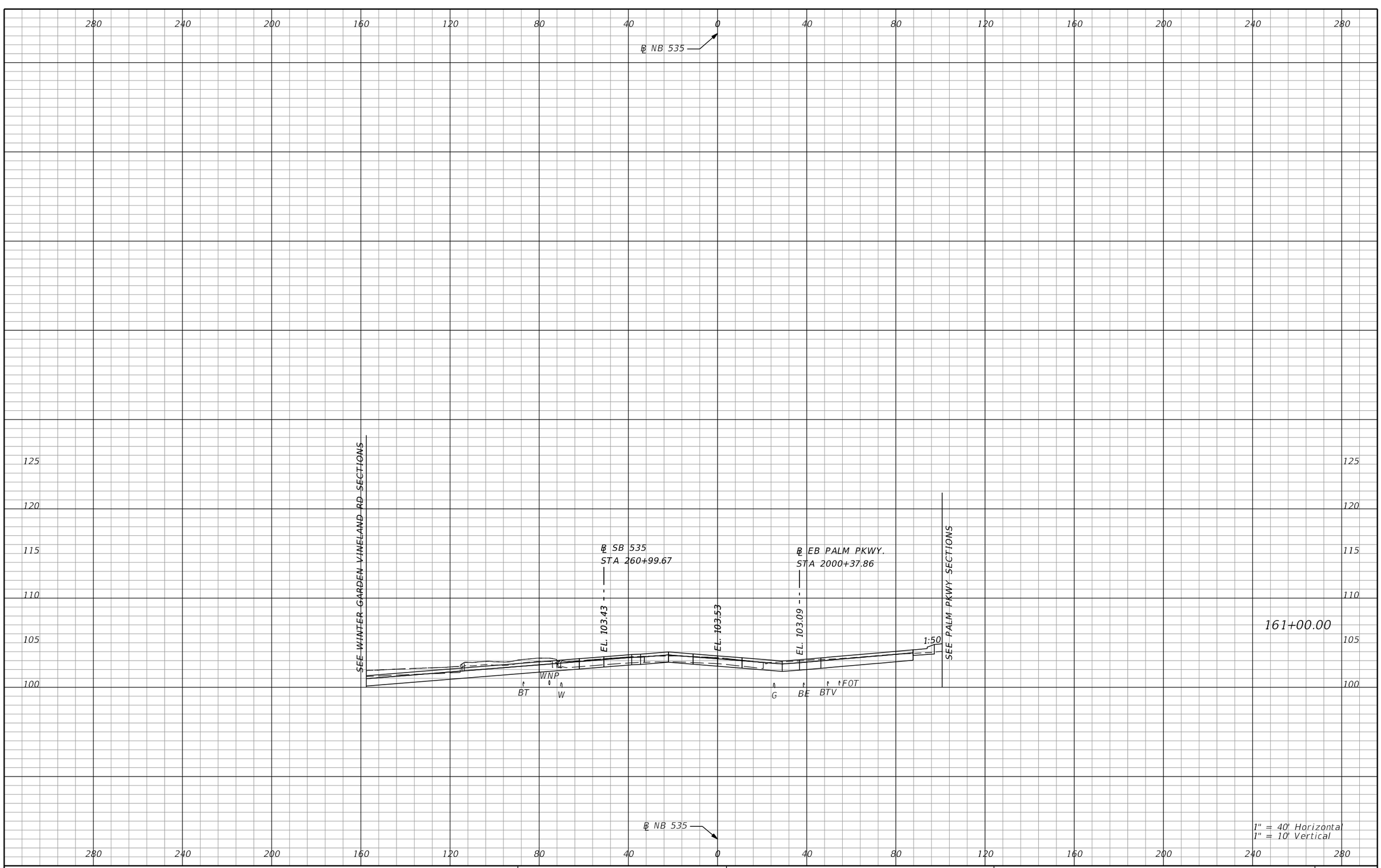
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1160

PRELIMINARY: NOT FOR CONSTRUCTION



PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1161

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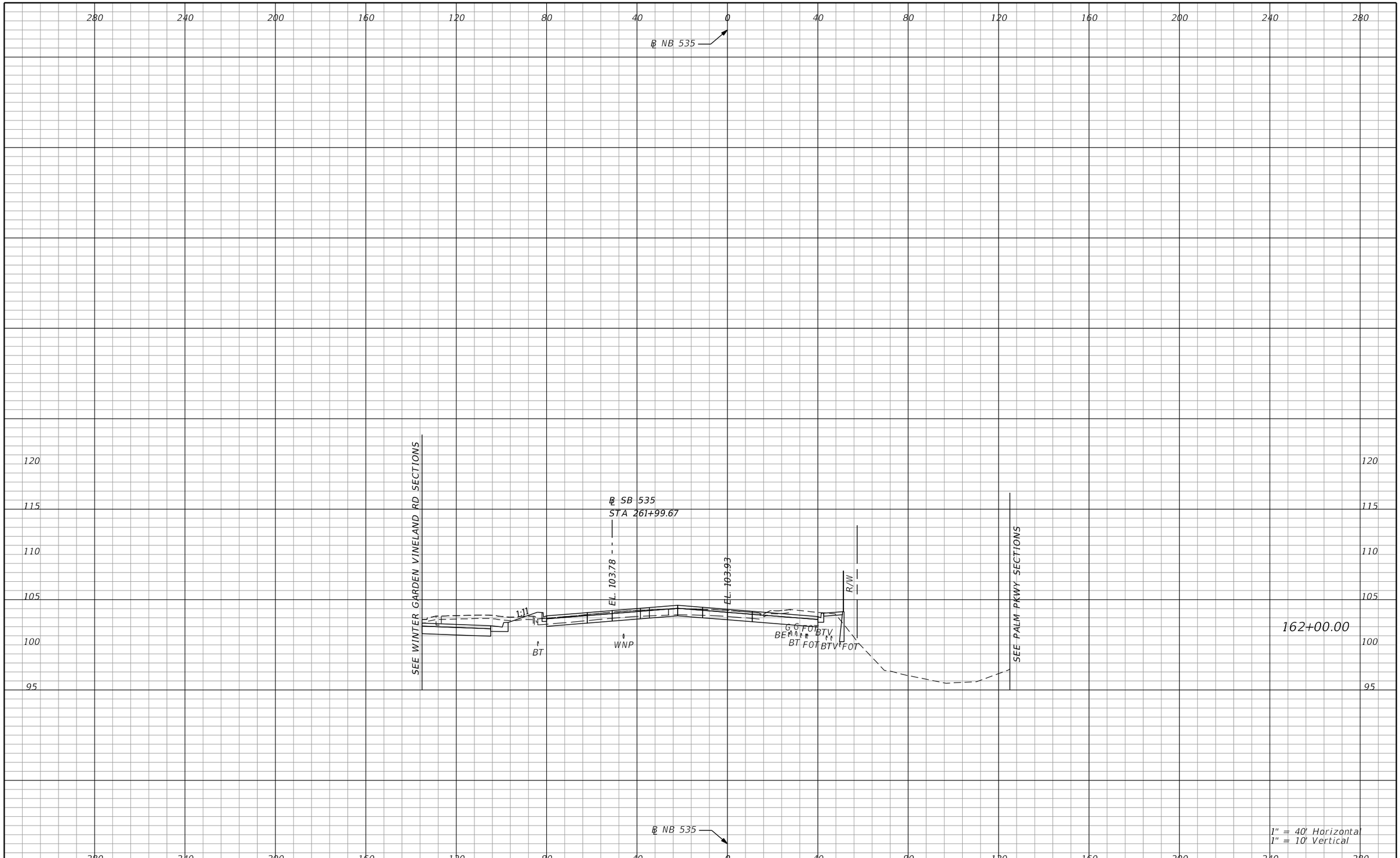

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO.
1162

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ NB 535

115
110
105

℄ SB 535
STA 263+01.42

R/W
EL. 103.64
1:88
BFO BE
BFO BT BTV
BFO BTV
BT
WNP
S W
EL. 103.80
R/W
EASEMENT
S BE G FOT FOT

163+00.00

℄ NB 535

1" = 40' Horizontal
1" = 10' Vertical

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO.
1163

PRELIMINARY: NOT FOR CONSTRUCTION

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ NB 535

℄ SB 535
STA 264+03.46

EL. 103.33

EL. 103.50

R/W

R/W

BT BE BFO
BTV BE BFO BT

S W
WNP
Z

FOT FOT
S G

115 110 105 100

164+00.00

℄ NB 535

1" = 40' Horizontal
1" = 10' Vertical

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO.
1164

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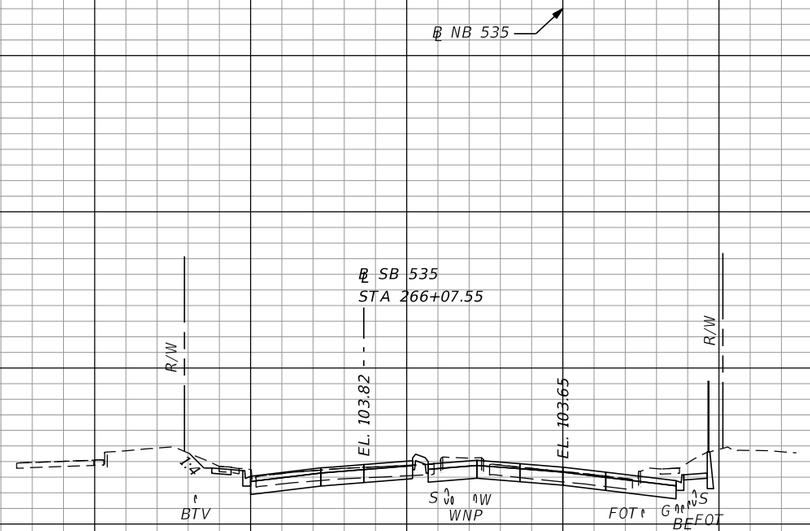

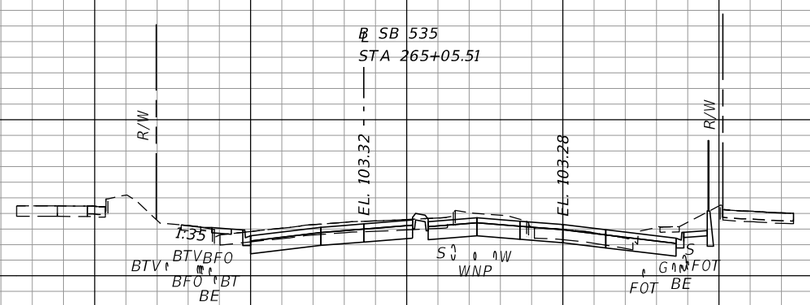

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PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1165

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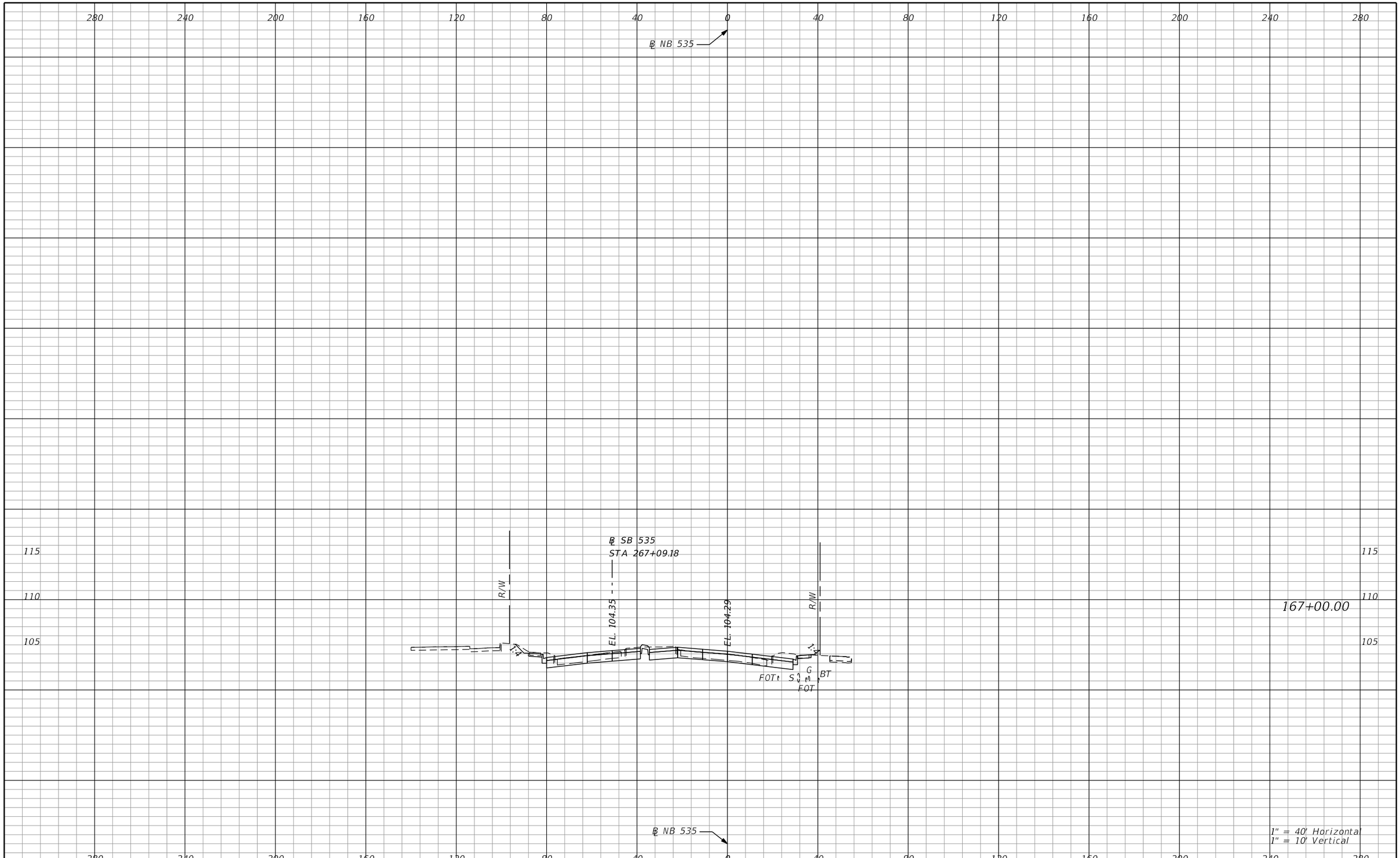

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO.
1166

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280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ NB 535

℄ SB 535
STA 268+09.18

115
110
105

R/W
EL. 104.88
EL. 104.93
R/W
1:3

168+00.00

℄ NB 535

1" = 40' Horizontal
1" = 10' Vertical

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1167

mike.s.phillips 2/24/2021 8:26:08 PM c:\pwworking\aecom_na\msphillips\dms28329\RDXSRD02_535.DGN

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ NB 535

℄ SB 535
STA 269+09.18

R/W

EL. 105.39

EL. 105.47

R/W

1.4

115
110
105

169+00.00

℄ NB 535

1" = 40' Horizontal
1" = 10' Vertical

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
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Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO.
1168

PRELIMINARY: NOT FOR CONSTRUCTION

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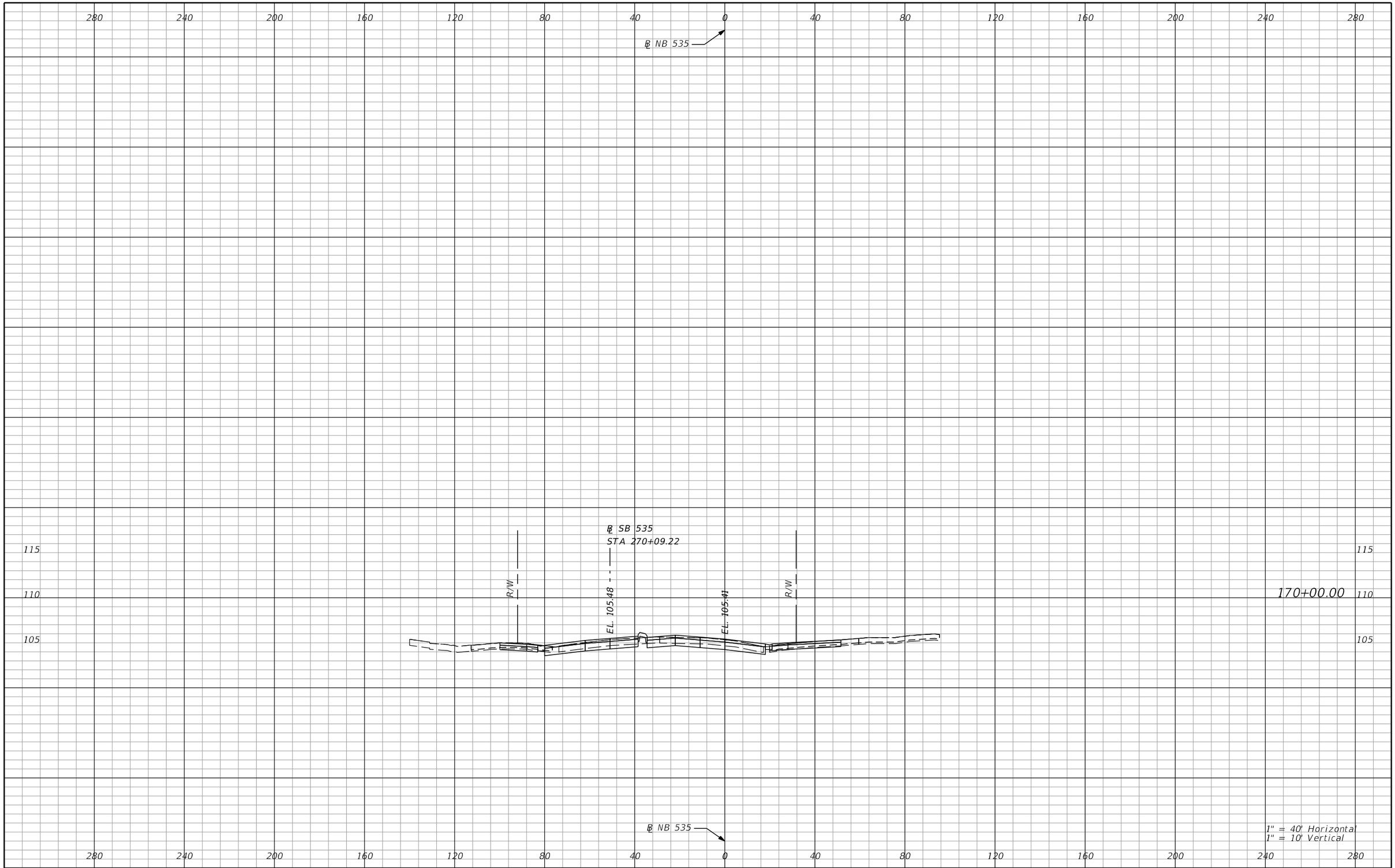

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO.
1169

PRELIMINARY: NOT FOR CONSTRUCTION

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280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ NB 535

℄ SB 535
STA 271+09.88

115
110
105

R/W
EL. 105.18
EL. 105.11
R/W
1:4
1:4
1:4

171+00.00

℄ NB 535

1" = 40' Horizontal
1" = 10' Vertical

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO.
1170

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280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ NB 535

℄ SB 535
STA 272+10.55

115
110
105

EL. 104.88

EL. 104.81

R/W

1:62

1:36

1:4

172+00.00

℄ NB 535

1" = 40' Horizontal
1" = 10' Vertical

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO.
1171

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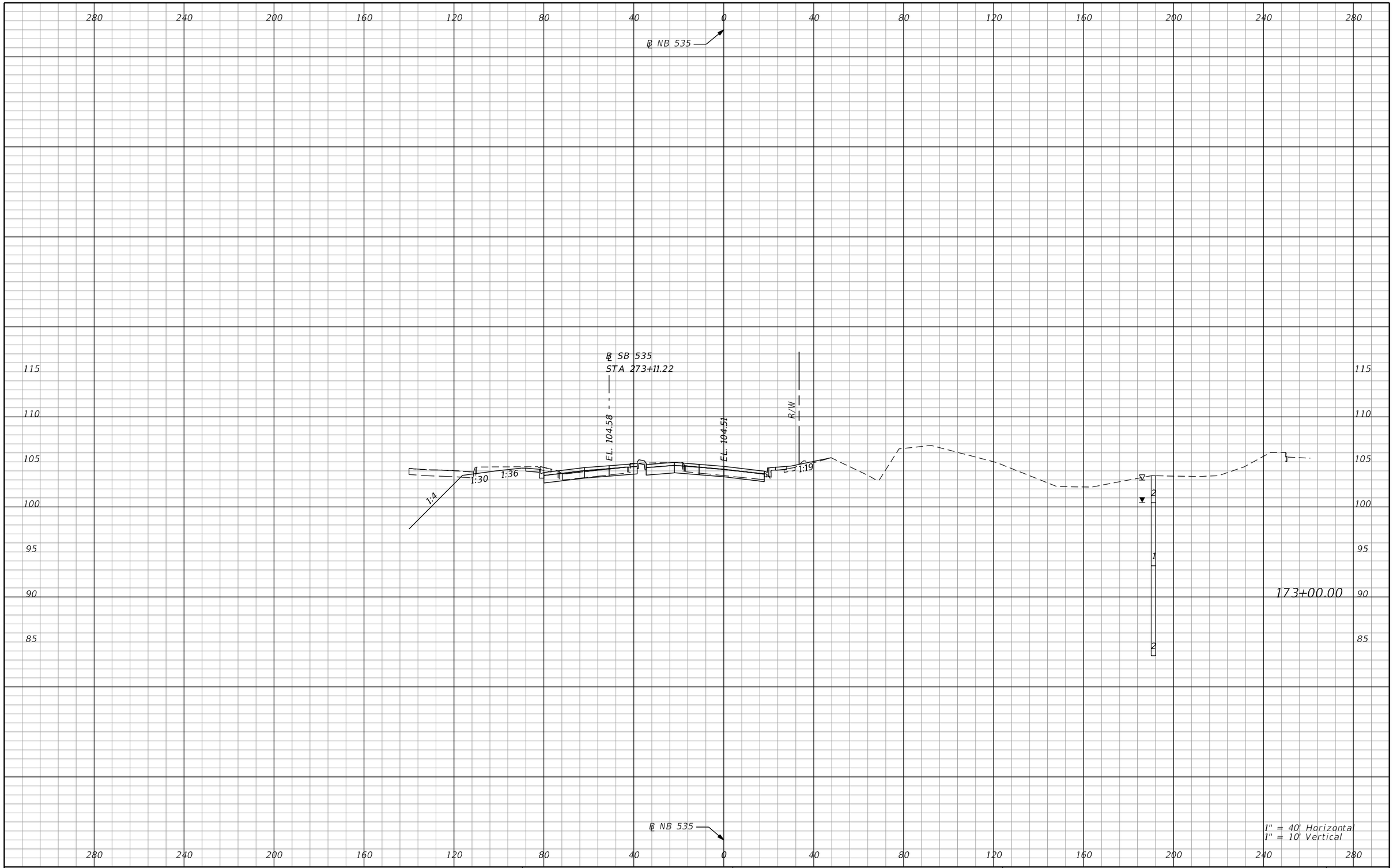

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO.
1172

PRELIMINARY: NOT FOR CONSTRUCTION

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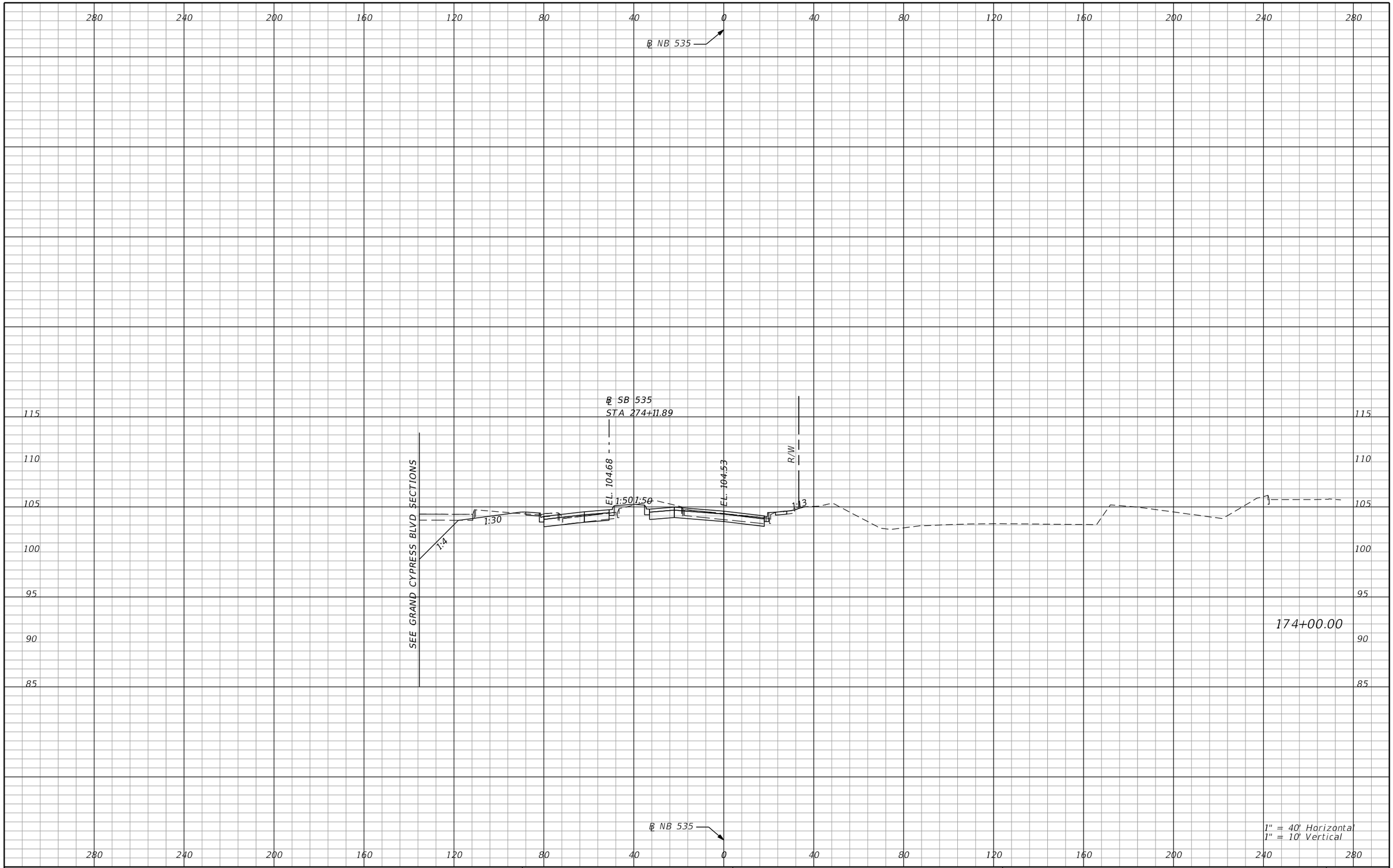

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO.
1173

PRELIMINARY: NOT FOR CONSTRUCTION

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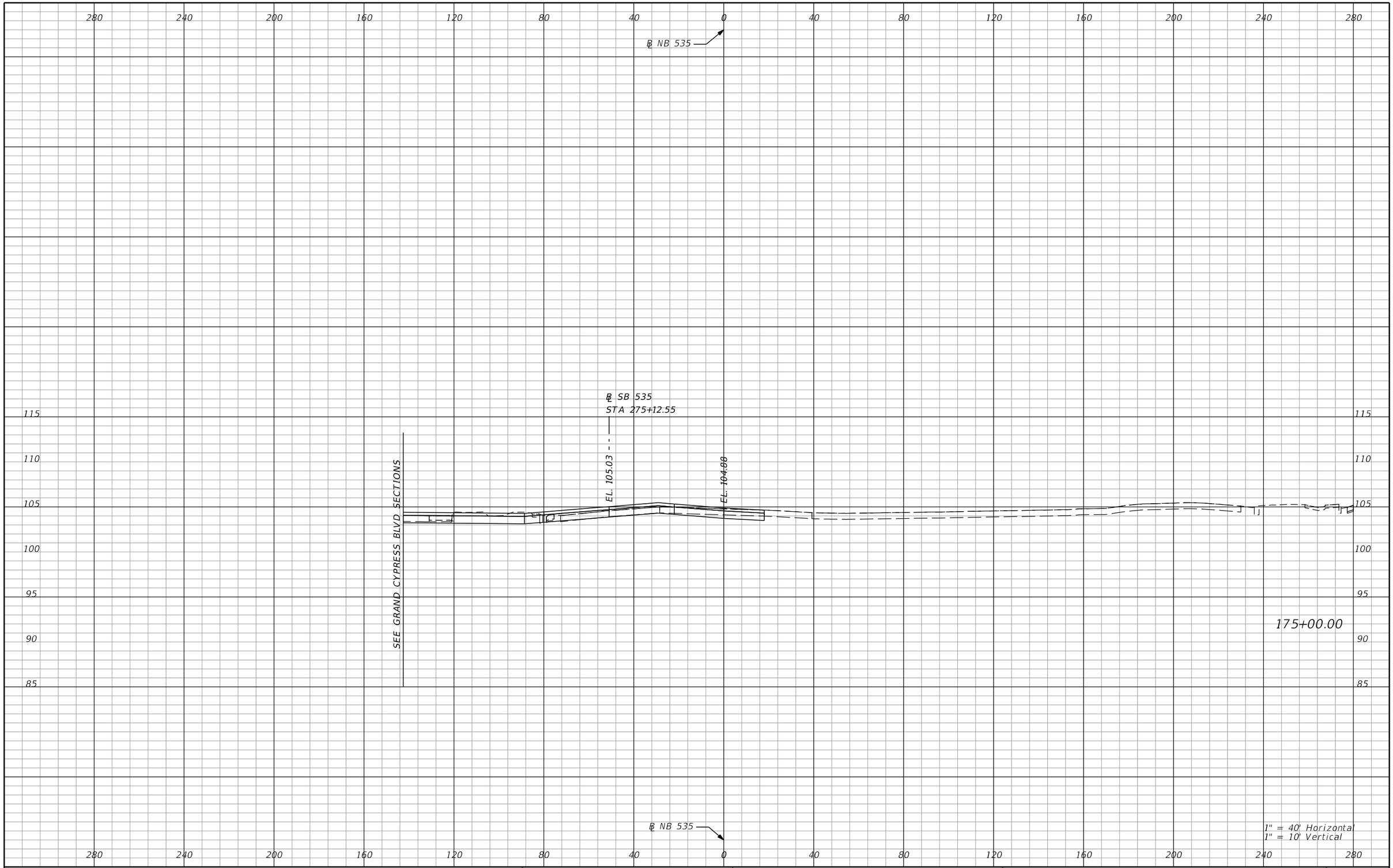

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1174

PRELIMINARY: NOT FOR CONSTRUCTION

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280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ NB 535

120 115 110 105 100 95

SEE GRAND CYPRESS BLVD SECTIONS

℄ SB 535
STA 276+12.57

EL. 105.38

1:50 1:50

EL. 105.23

R/W

176+00.00

℄ NB 535

1" = 40' Horizontal
1" = 10' Vertical

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO.
1175

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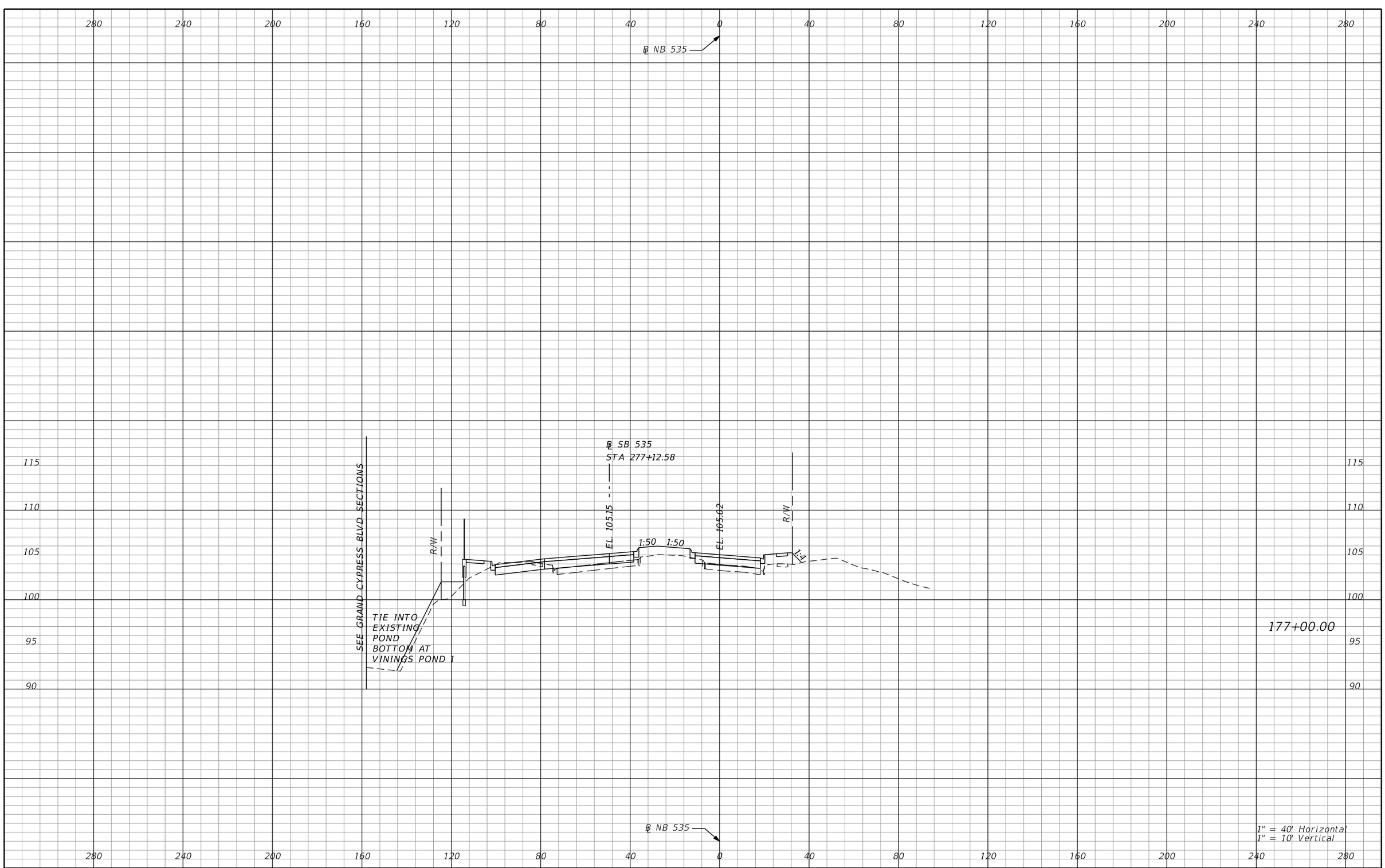

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1176

PRELIMINARY: NOT FOR CONSTRUCTION

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280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ NB 535

℄ SB 535
STA 278+12.58

SEE GRAND CYPRESS BLVD SECTIONS

R/W

EL. 104.80

1:50 1:50

EL. 104.67

R/W

1:43

TIE INTO
EXISTING
POND
BOTTOM AT
VININGS POND 1

115 110 105 100 95 90

178+00.00

℄ NB 535

1" = 40' Horizontal
1" = 10' Vertical

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO.
1177

PRELIMINARY: NOT FOR CONSTRUCTION

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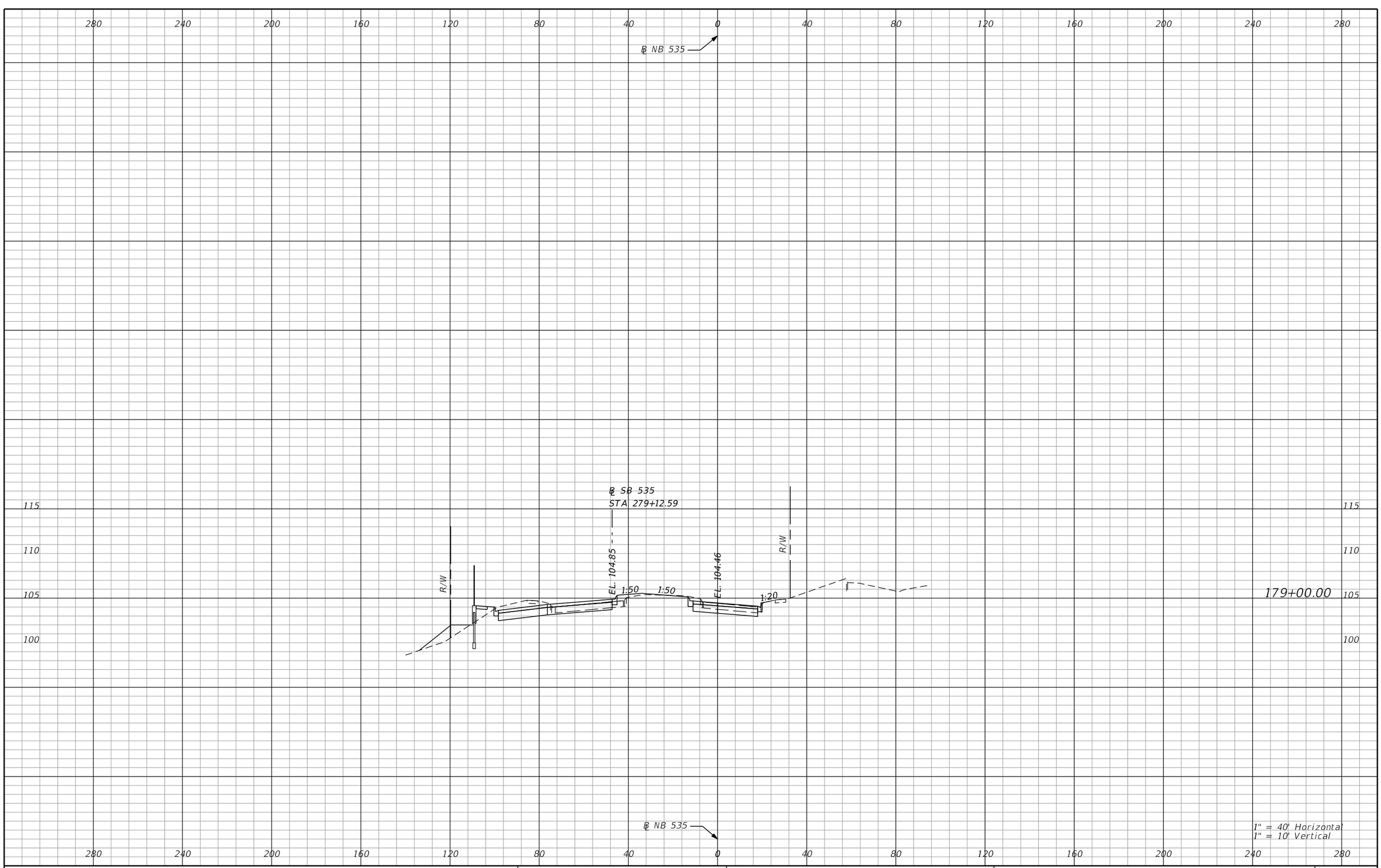

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1178

PRELIMINARY: NOT FOR CONSTRUCTION

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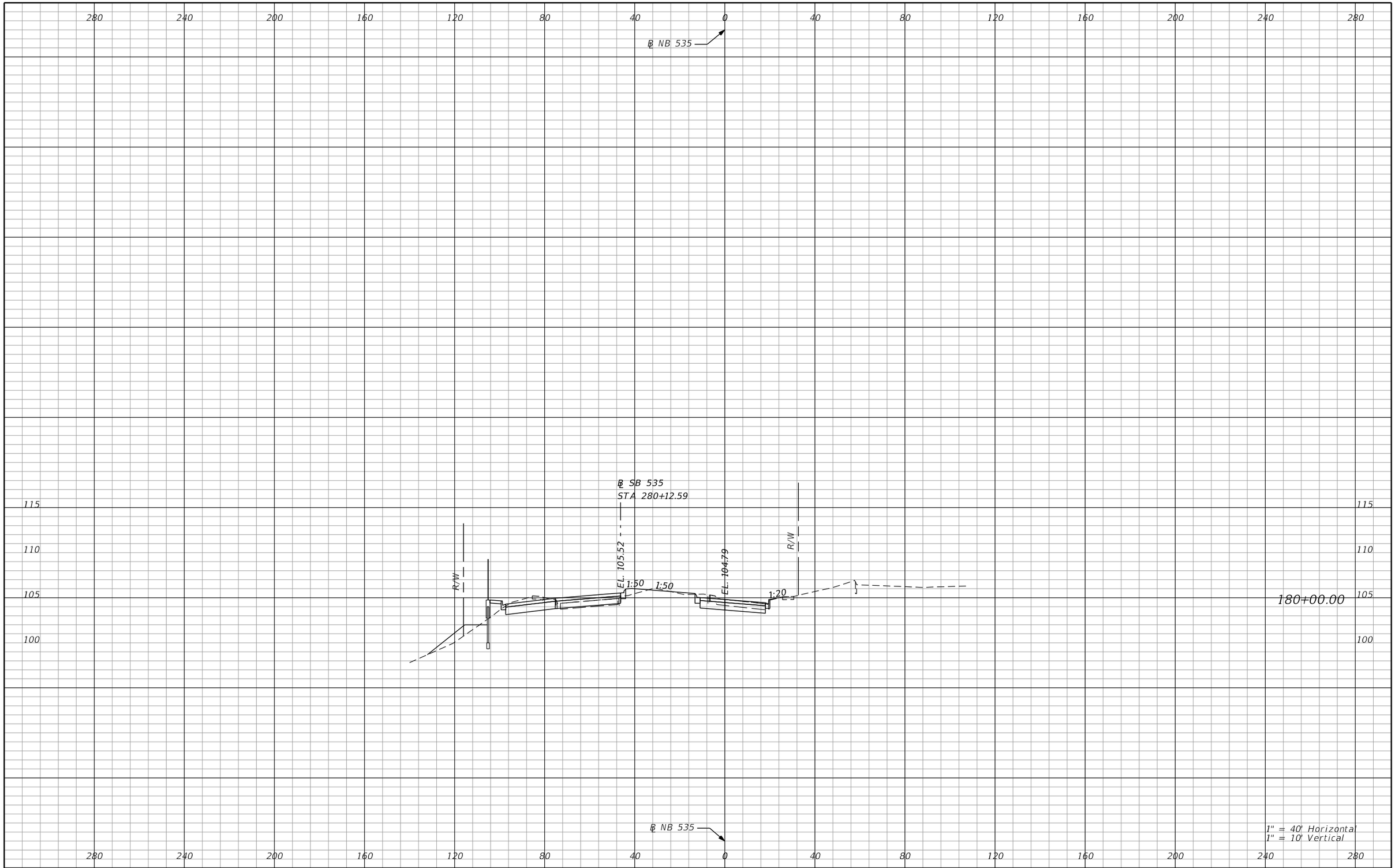

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1179

PRELIMINARY: NOT FOR CONSTRUCTION

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280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ NB 535

℄ SB 535
STA 281+12.60

115
110
105

R/W
EL. 106.25
1:50 1:19
EL. 105.29
R/W

181+00.00

℄ NB 535

1" = 40' Horizontal
1" = 10' Vertical

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO.
1180

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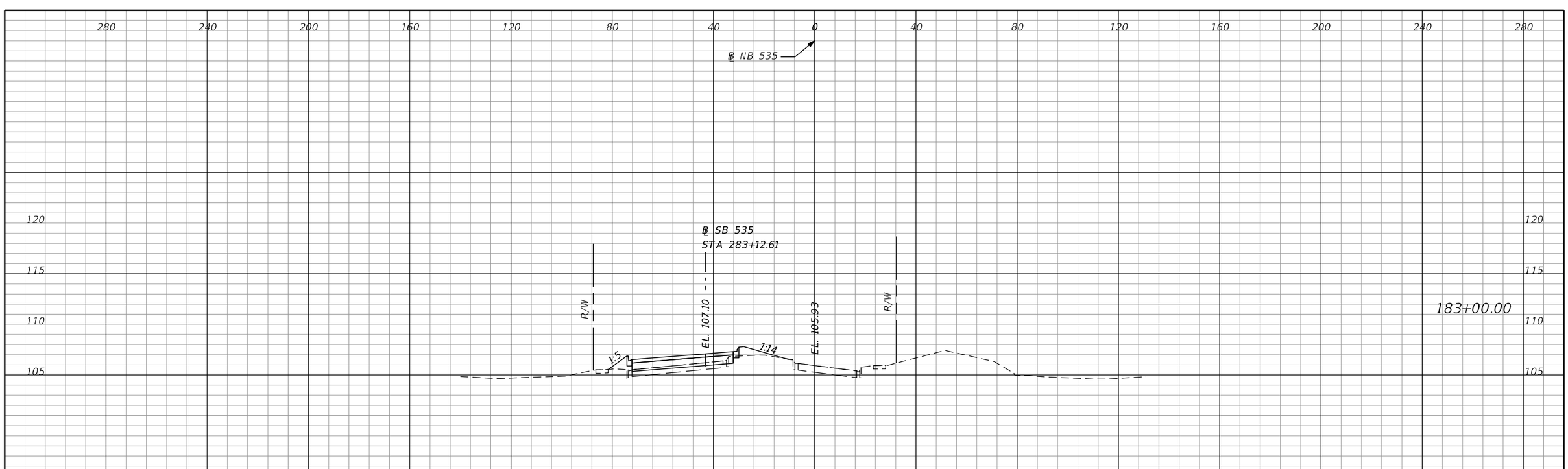

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1181

PRELIMINARY: NOT FOR CONSTRUCTION

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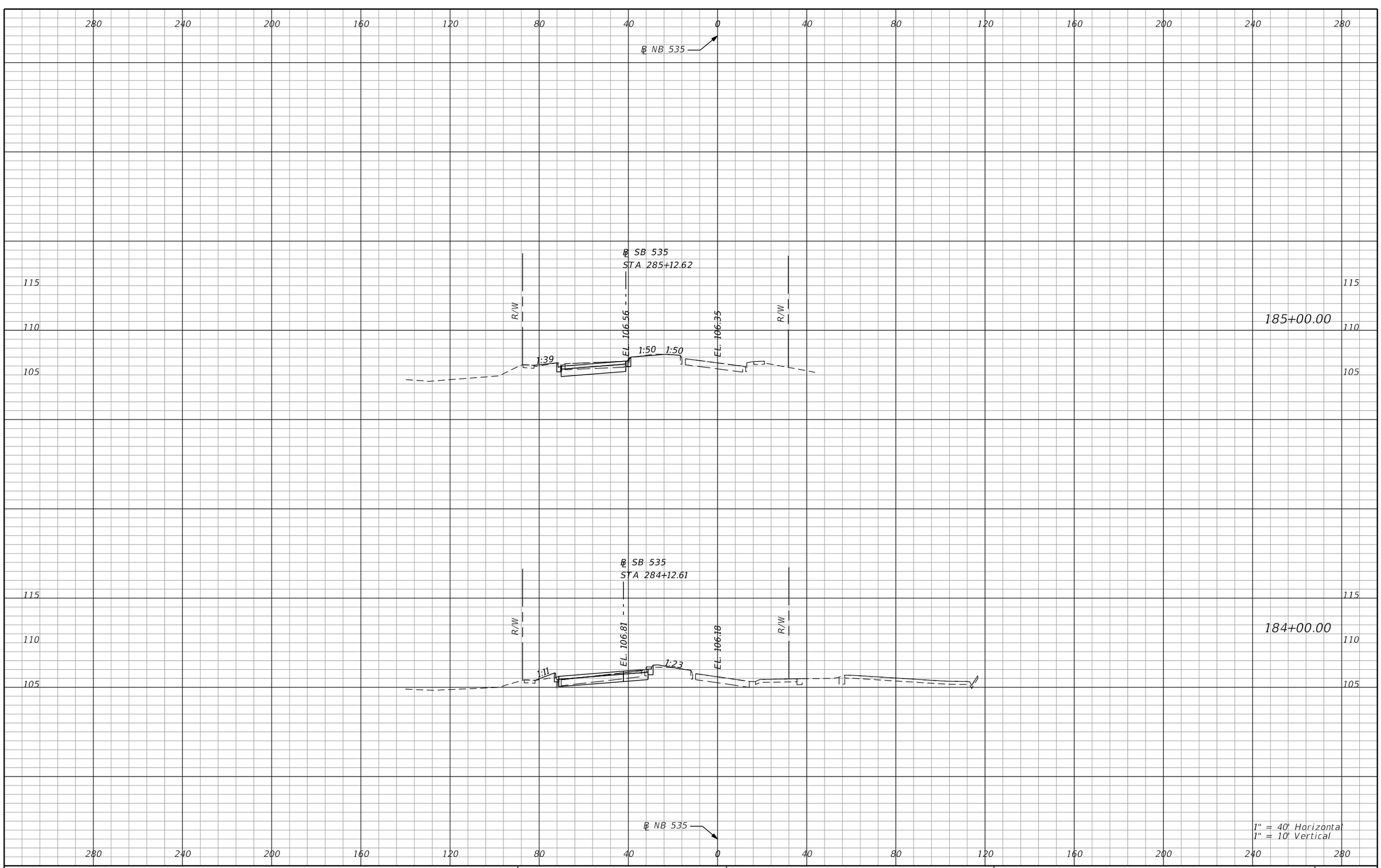

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO.
1182

PRELIMINARY: NOT FOR CONSTRUCTION

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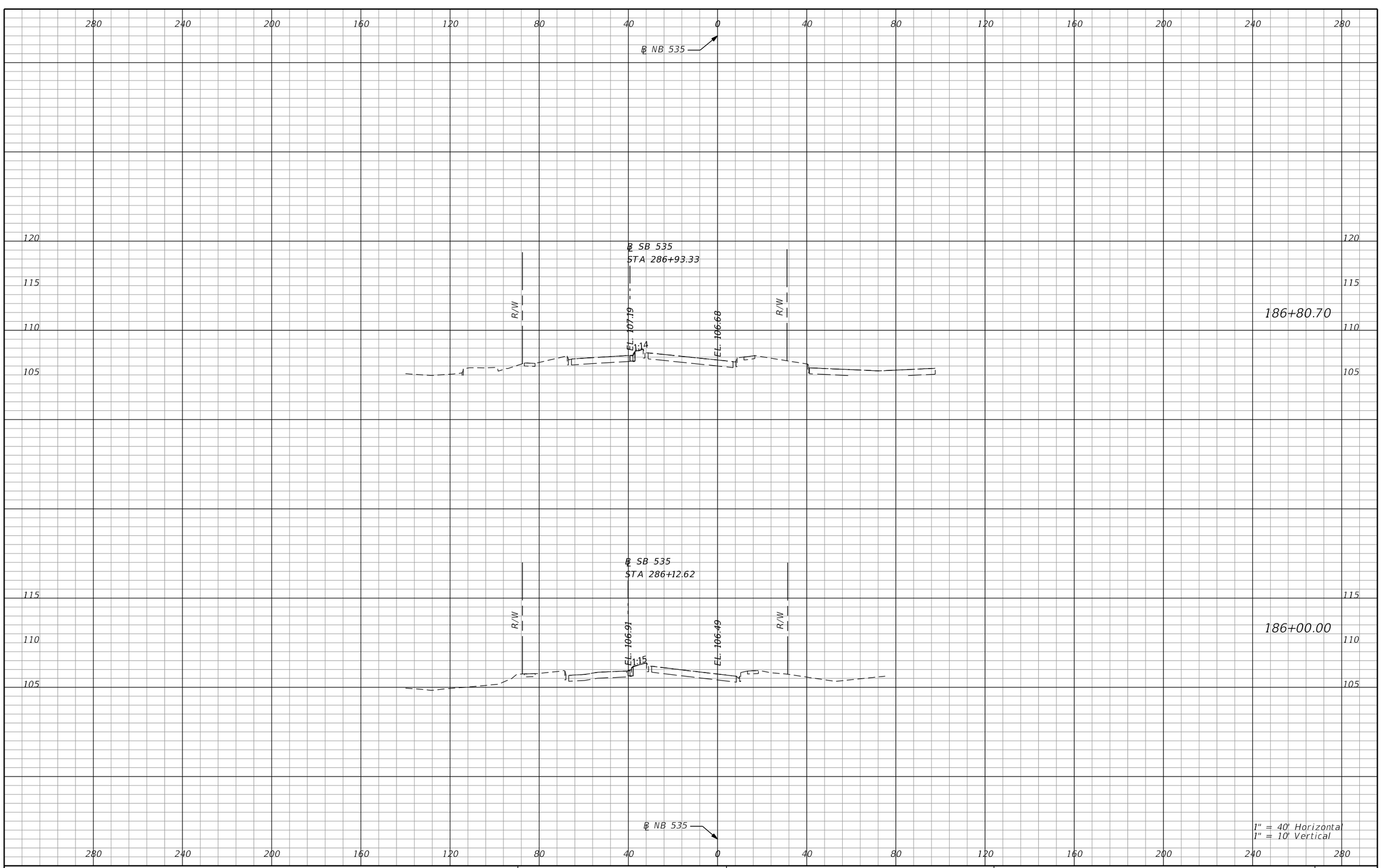

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 535
CROSS SECTIONS

SHEET NO. 1183

PRELIMINARY: NOT FOR CONSTRUCTION

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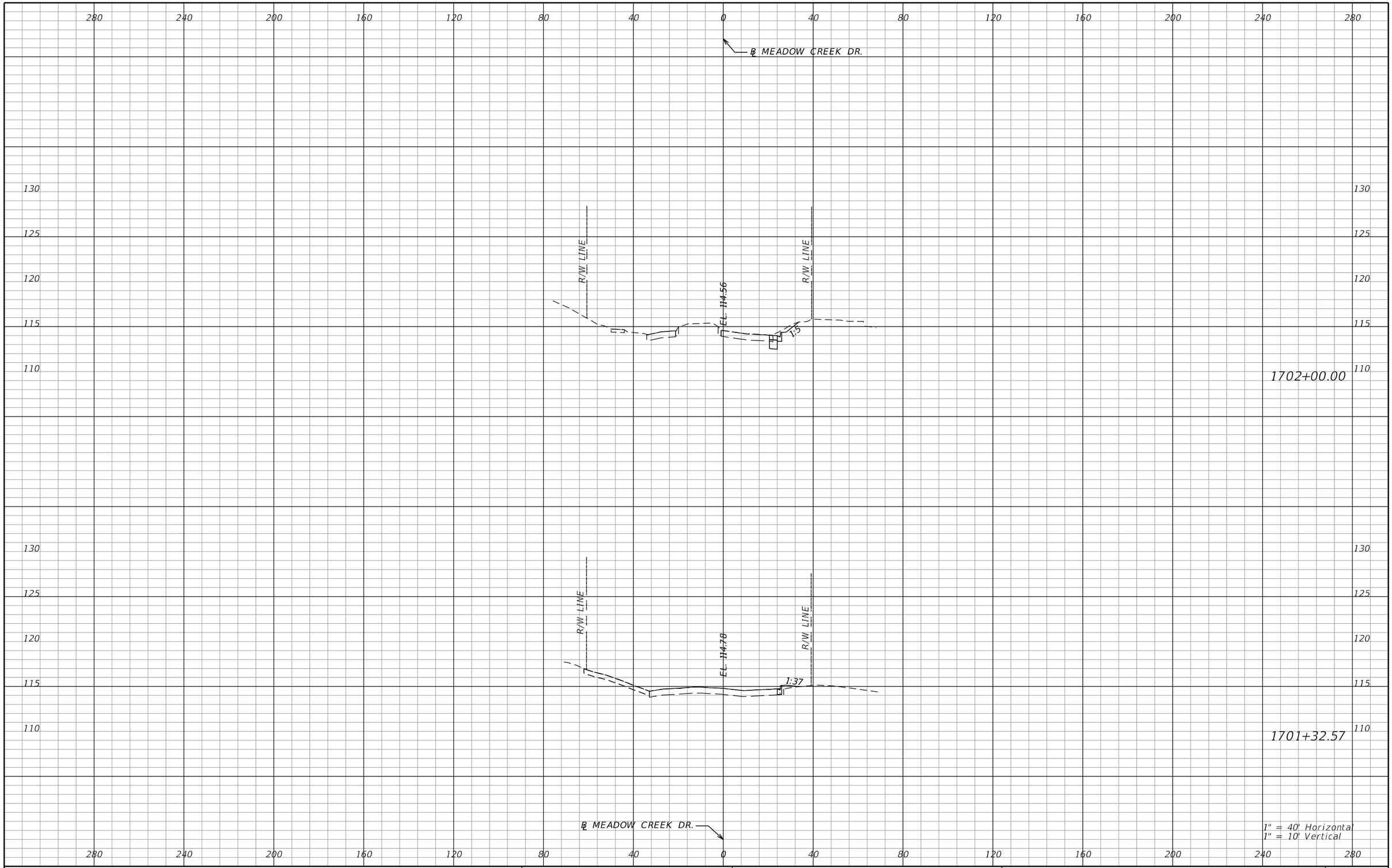

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Orlando, FL, 32801
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

MEADOW CREEK DR.
CROSS SECTIONS

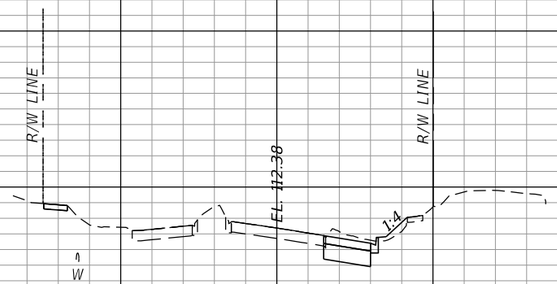
SHEET NO. 1184

PRELIMINARY: NOT FOR CONSTRUCTION

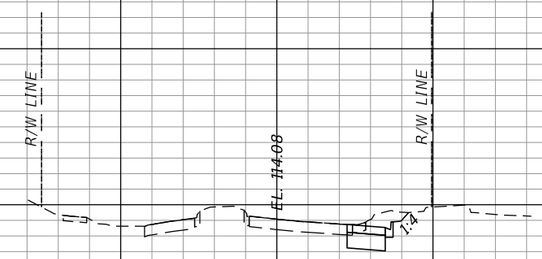
280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

130 125 120 115 110

℄ MEADOW CREEK DR.



1704+00.00



1703+00.00

℄ MEADOW CREEK DR.

1" = 40' Horizontal
1" = 10' Vertical

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

MEADOW CREEK DR.
CROSS SECTIONS

SHEET NO. 1185

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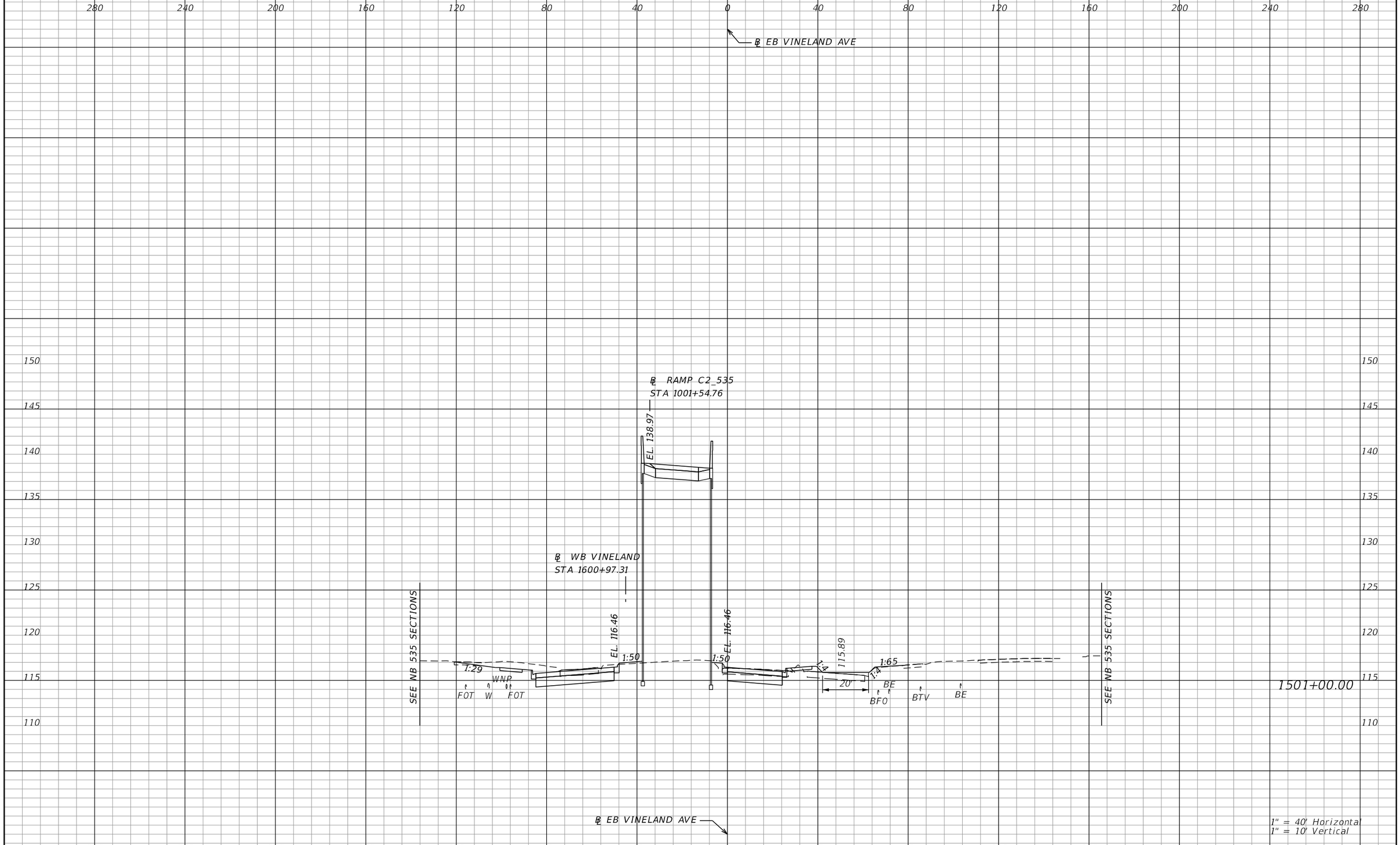

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

VINELAND AVE CROSS SECTIONS

SHEET NO. 1186

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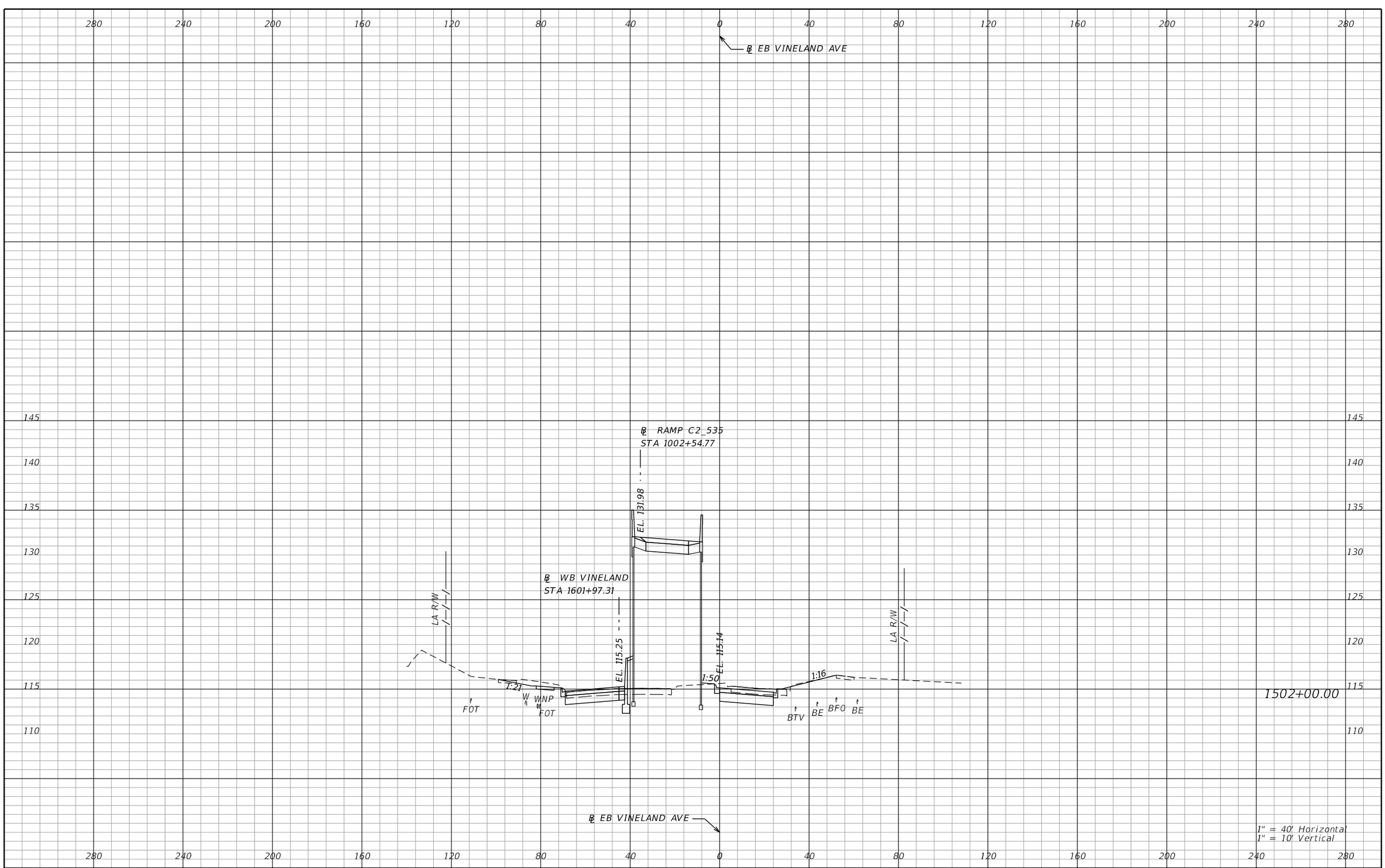

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

VINELAND AVE CROSS SECTIONS

SHEET NO. 1187

PRELIMINARY: NOT FOR CONSTRUCTION

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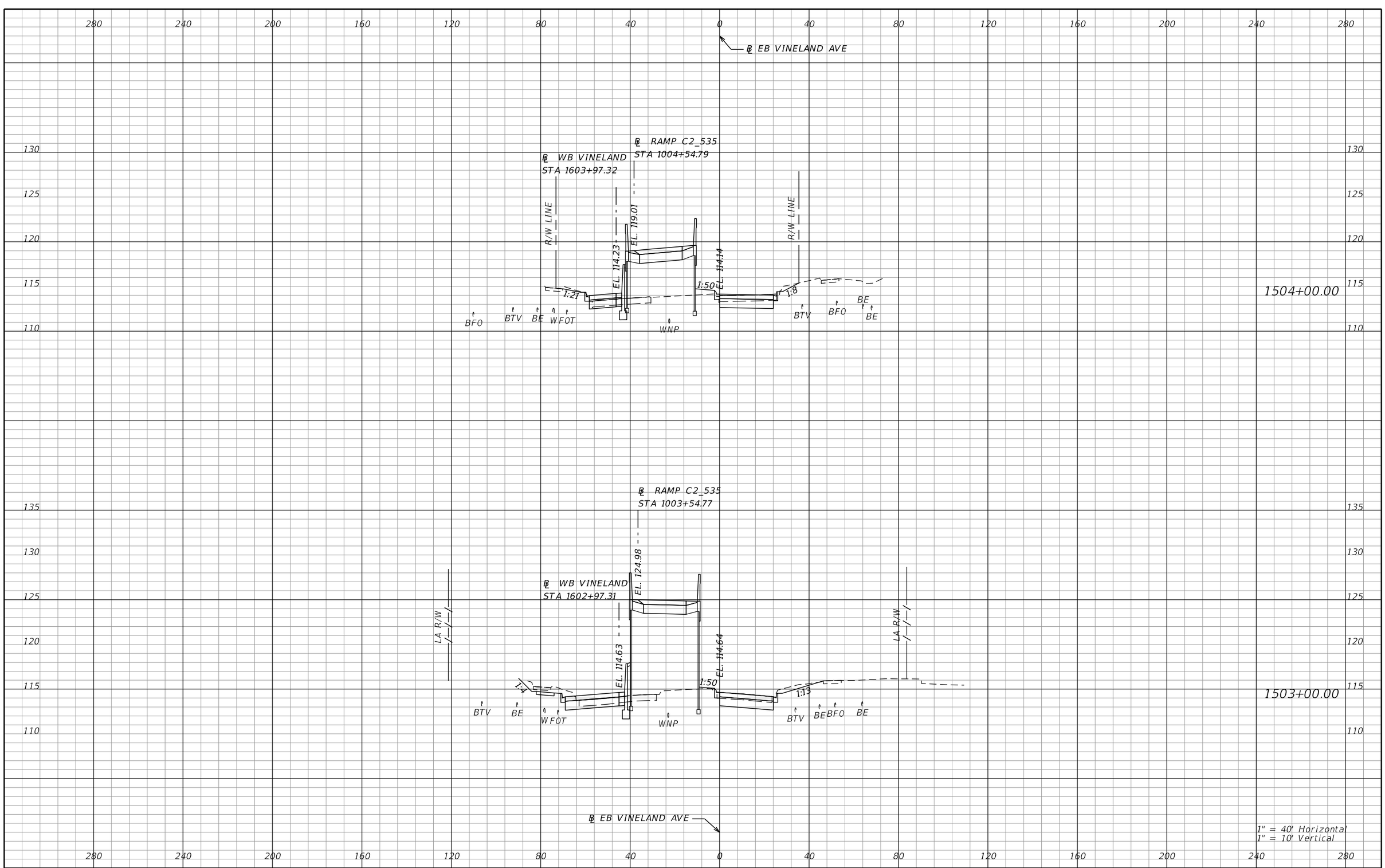

REVISIONS			
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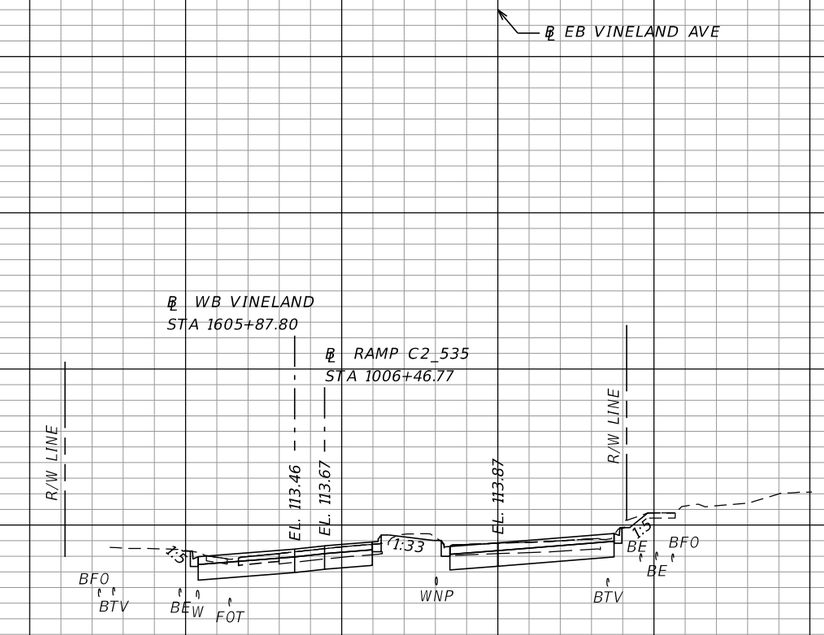
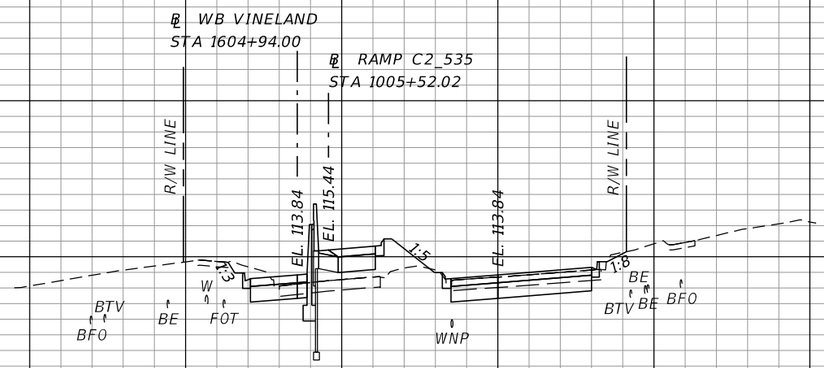
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

VINELAND AVE CROSS SECTIONS

SHEET NO. 1188

PRELIMINARY: NOT FOR CONSTRUCTION





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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

VINELAND AVE CROSS SECTIONS

SHEET NO. 1189

PRELIMINARY: NOT FOR CONSTRUCTION

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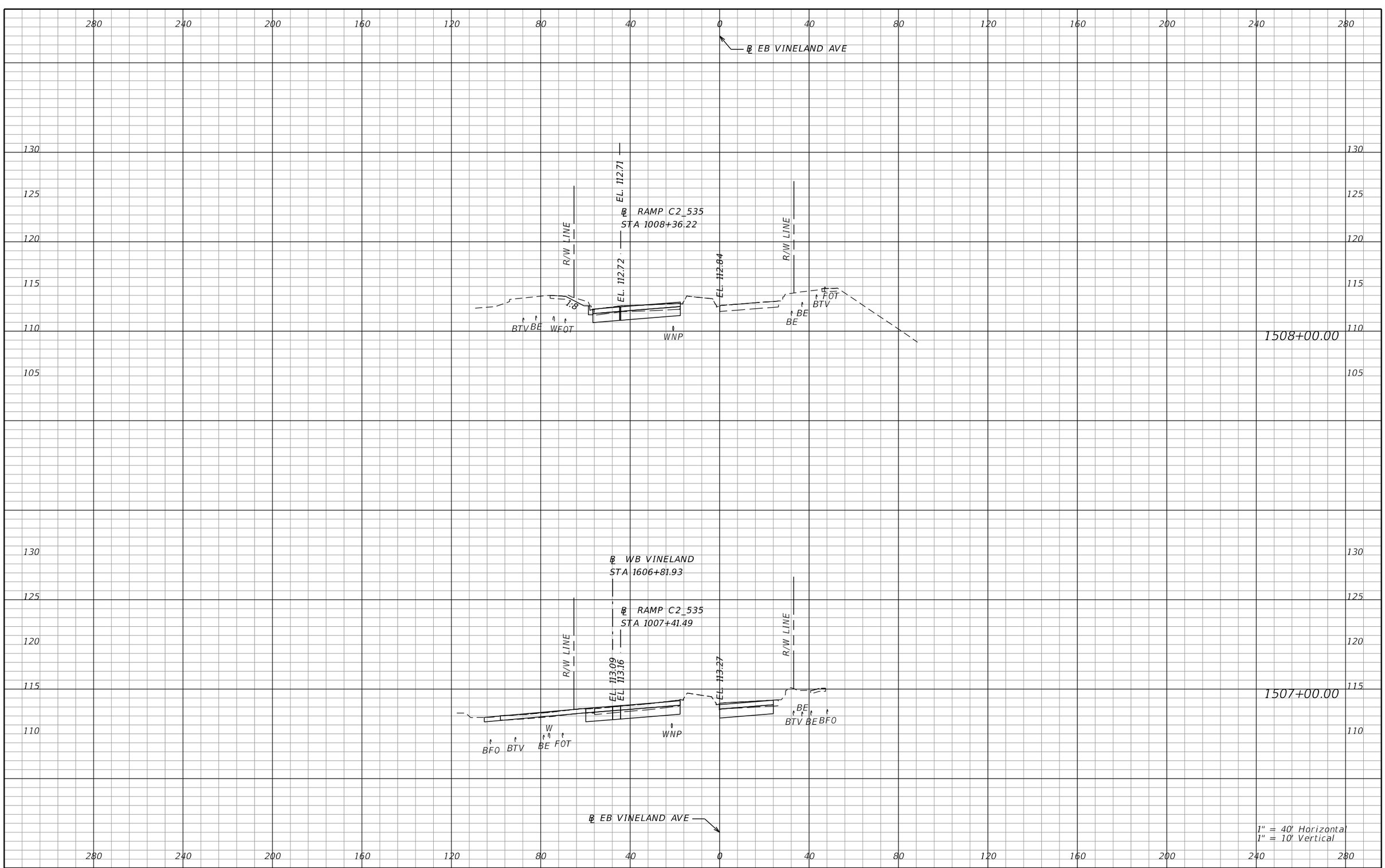

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www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

VINELAND AVE CROSS SECTIONS

SHEET NO. 1190

PRELIMINARY: NOT FOR CONSTRUCTION

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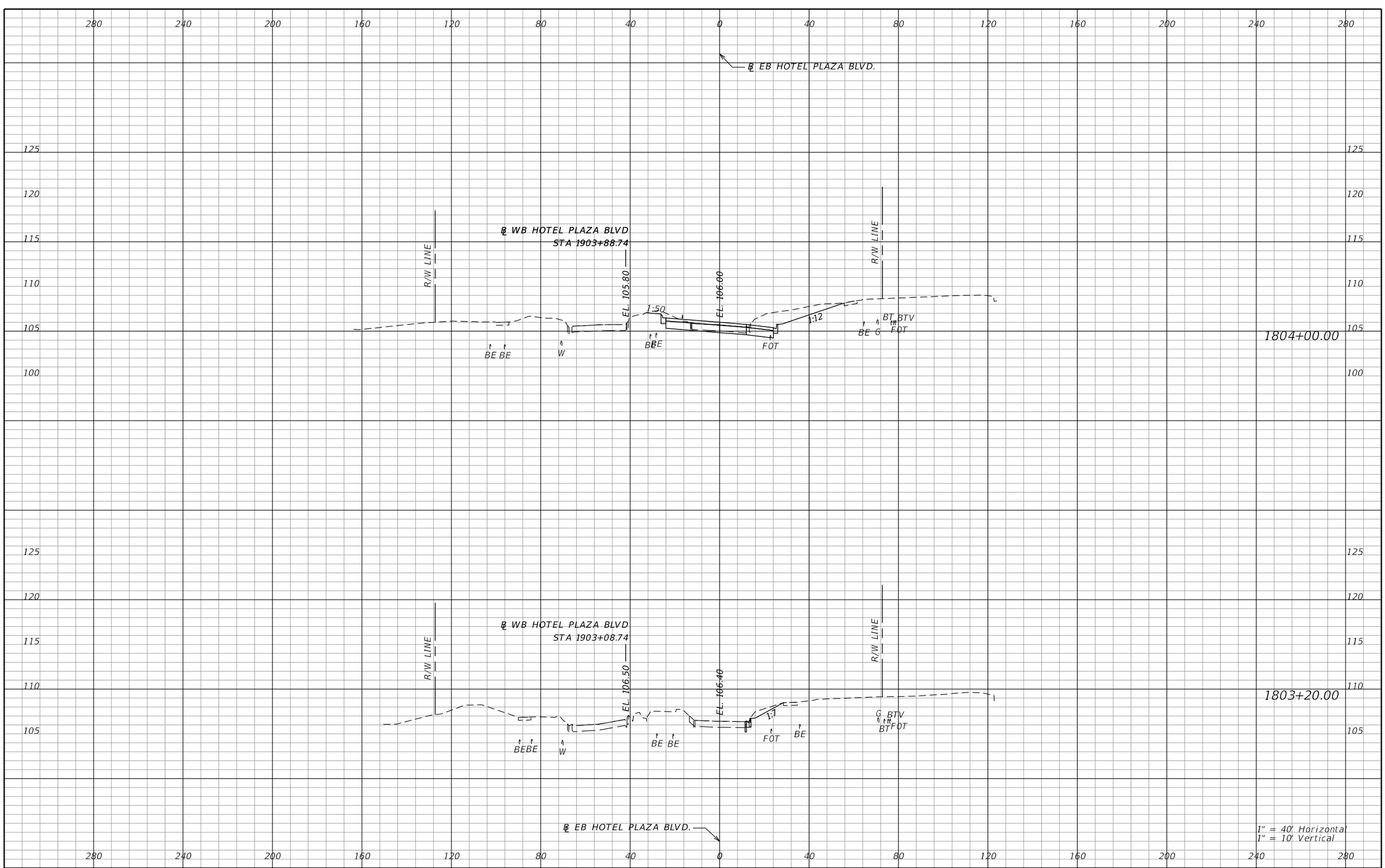

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

HOTEL PLAZA BLVD CROSS SECTIONS

SHEET NO. 1191

PRELIMINARY: NOT FOR CONSTRUCTION

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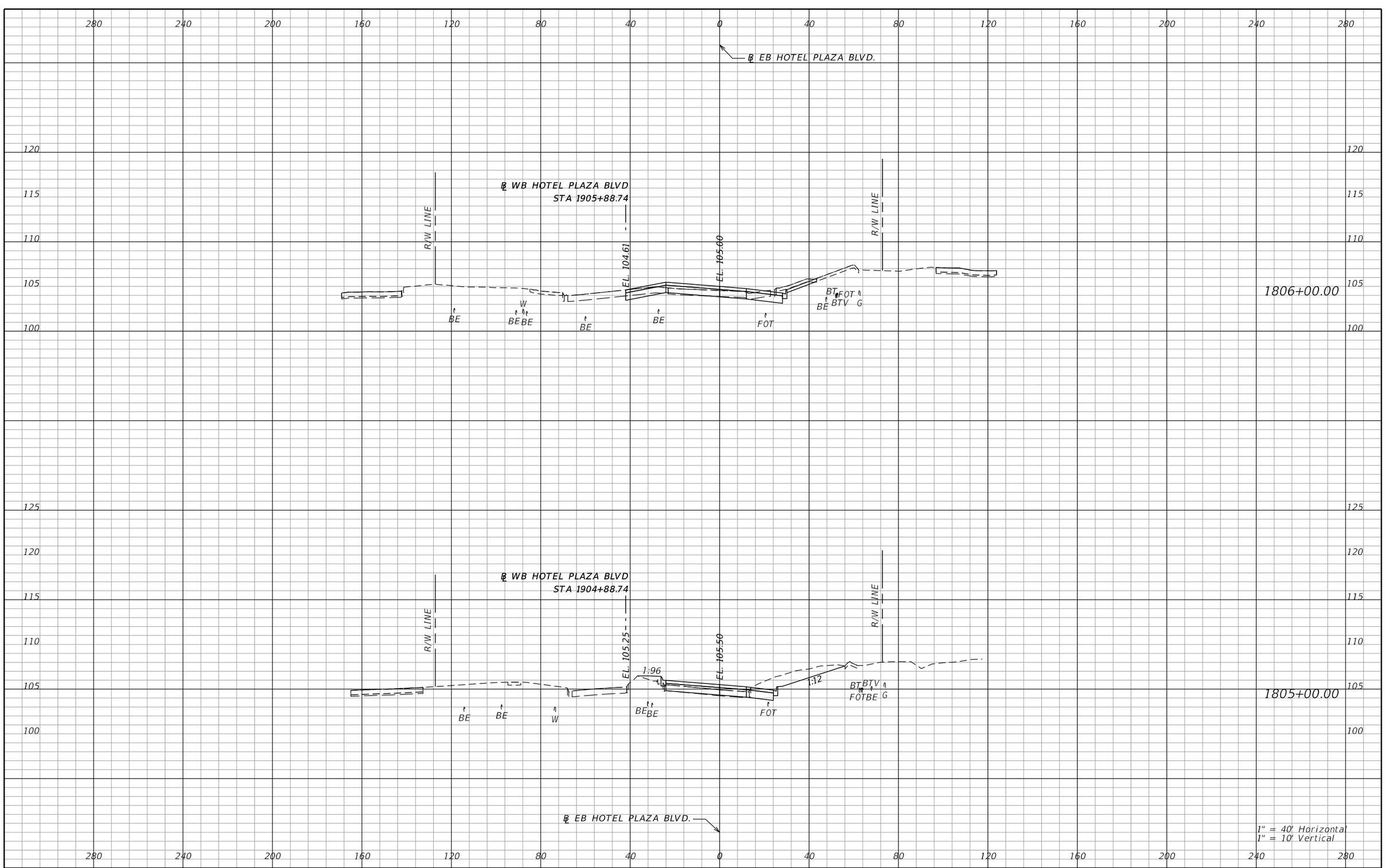

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

HOTEL PLAZA BLVD CROSS SECTIONS

SHEET NO. 1192

PRELIMINARY: NOT FOR CONSTRUCTION

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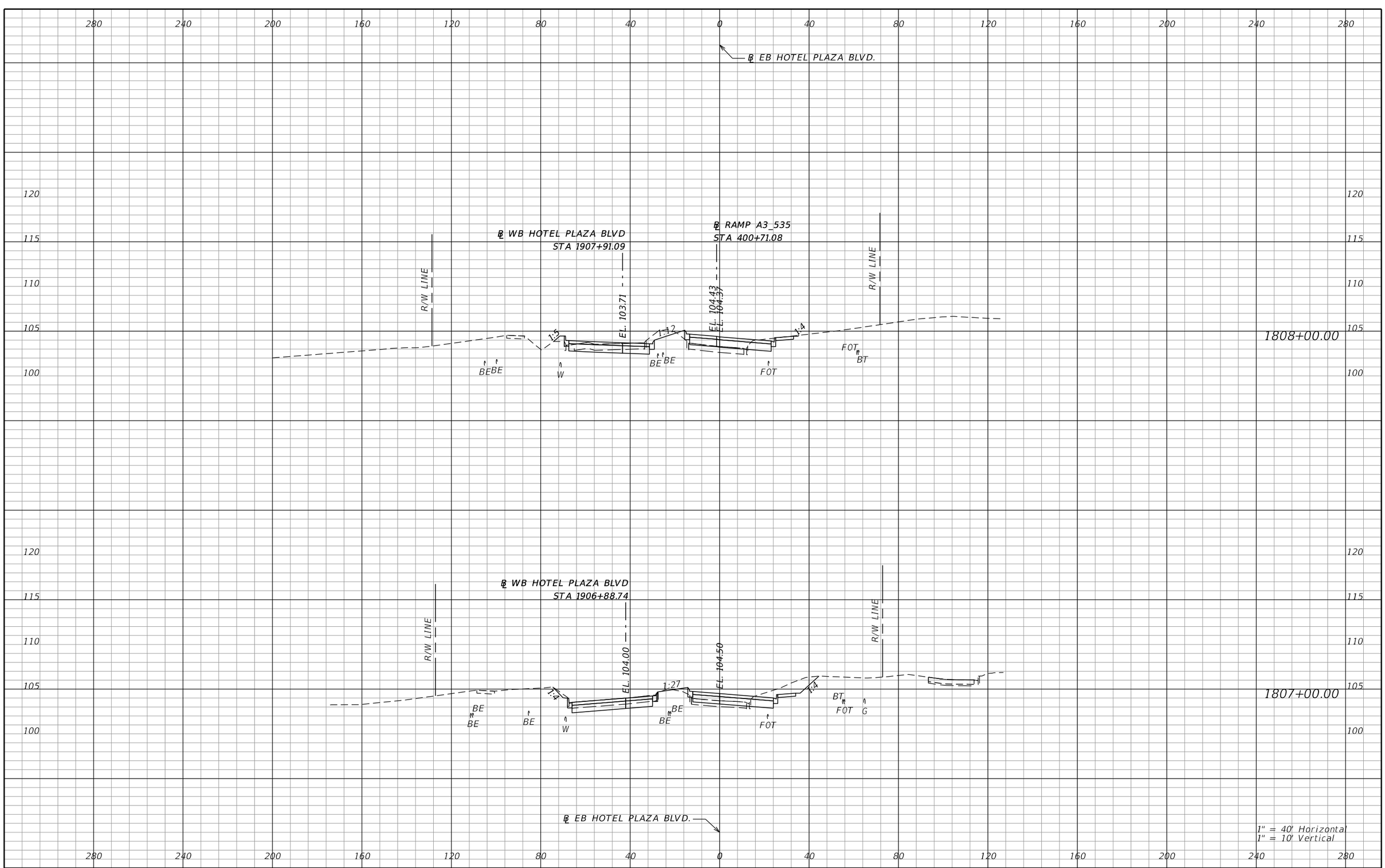

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

HOTEL PLAZA BLVD CROSS SECTIONS

SHEET NO. 1193

PRELIMINARY: NOT FOR CONSTRUCTION

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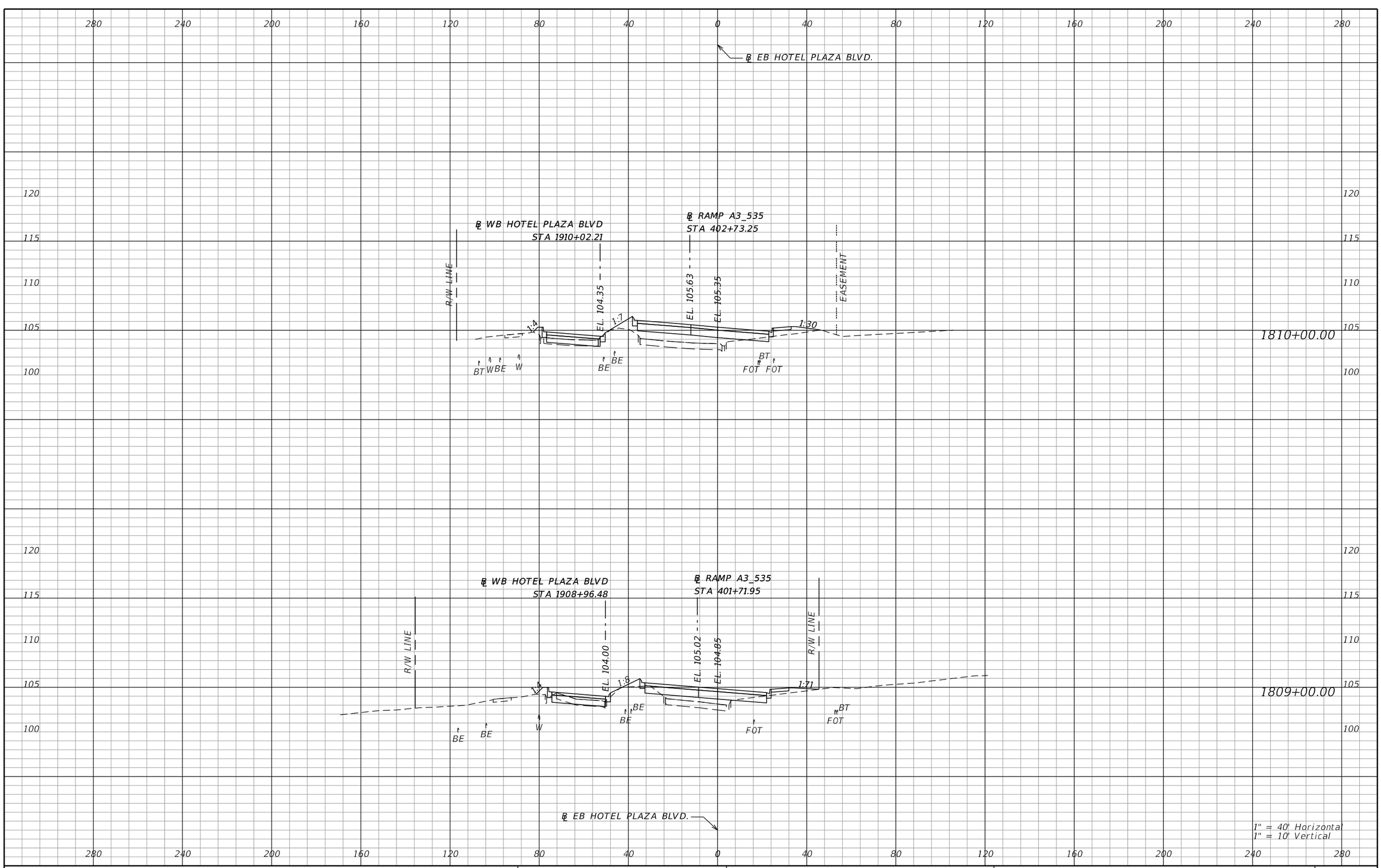

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

HOTEL PLAZA BLVD CROSS SECTIONS

SHEET NO. 1194

PRELIMINARY: NOT FOR CONSTRUCTION

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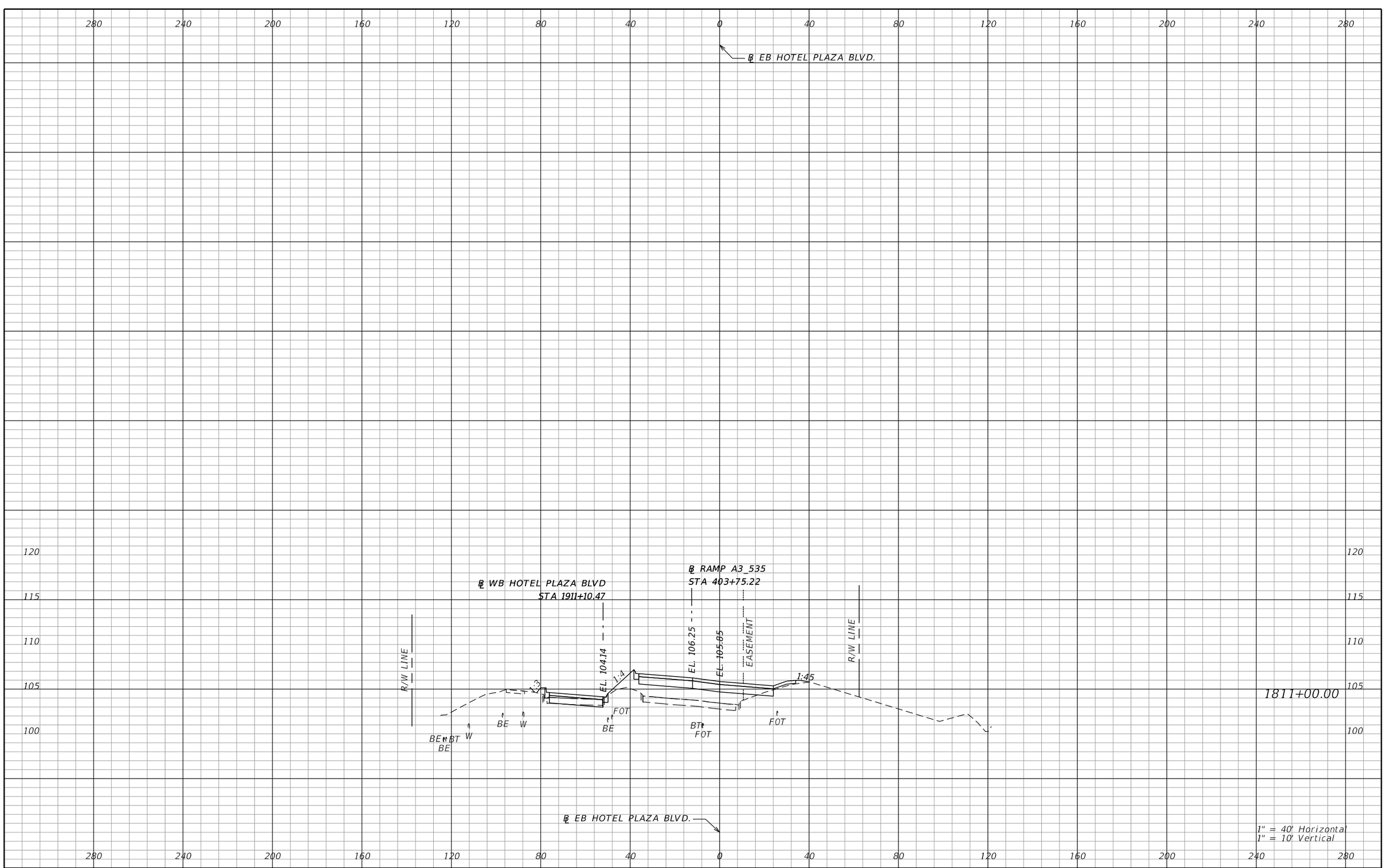

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

HOTEL PLAZA BLVD CROSS SECTIONS

SHEET NO. 1195

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ EB HOTEL PLAZA BLVD.

℄ WB HOTEL PLAZA BLVD
STA 1912+19.03

℄ RAMP A3_535
STA 404+77.28

EL. 103.71

EL. 107.26

EL. 106.22

R/W LINE

R/W LINE

1:20

1:50

1:33

1:6

98.00

POND HOTEL

BE

W

BE BT
W BE

FOT BE

FOT
BT

FOT

1812+00.00

℄ EB HOTEL PLAZA BLVD.

1" = 40' Horizontal
1" = 10' Vertical

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

HOTEL PLAZA BLVD
CROSS SECTIONS

SHEET NO.
1196

PRELIMINARY: NOT FOR CONSTRUCTION

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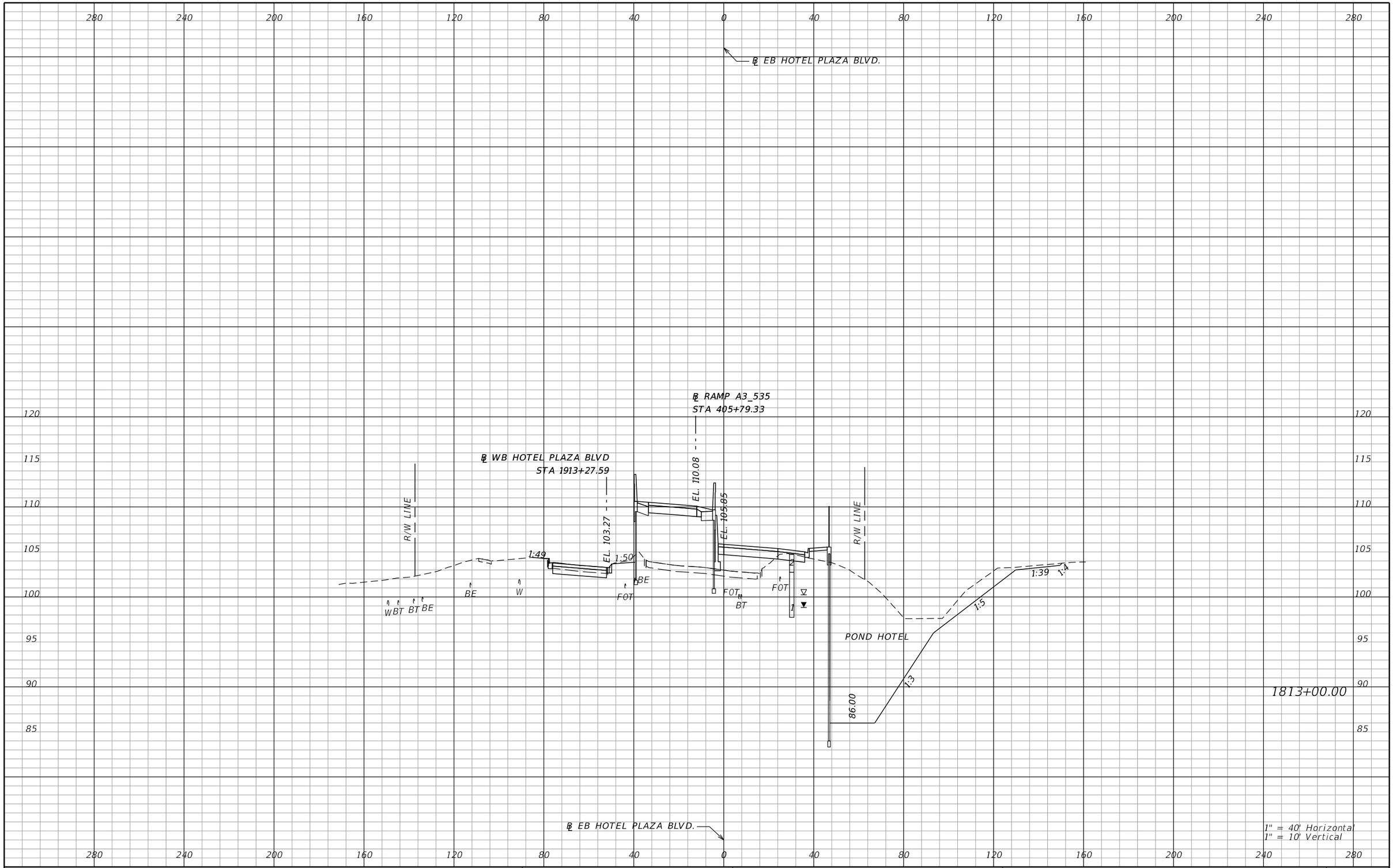

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

HOTEL PLAZA BLVD CROSS SECTIONS

SHEET NO. 1197

PRELIMINARY: NOT FOR CONSTRUCTION

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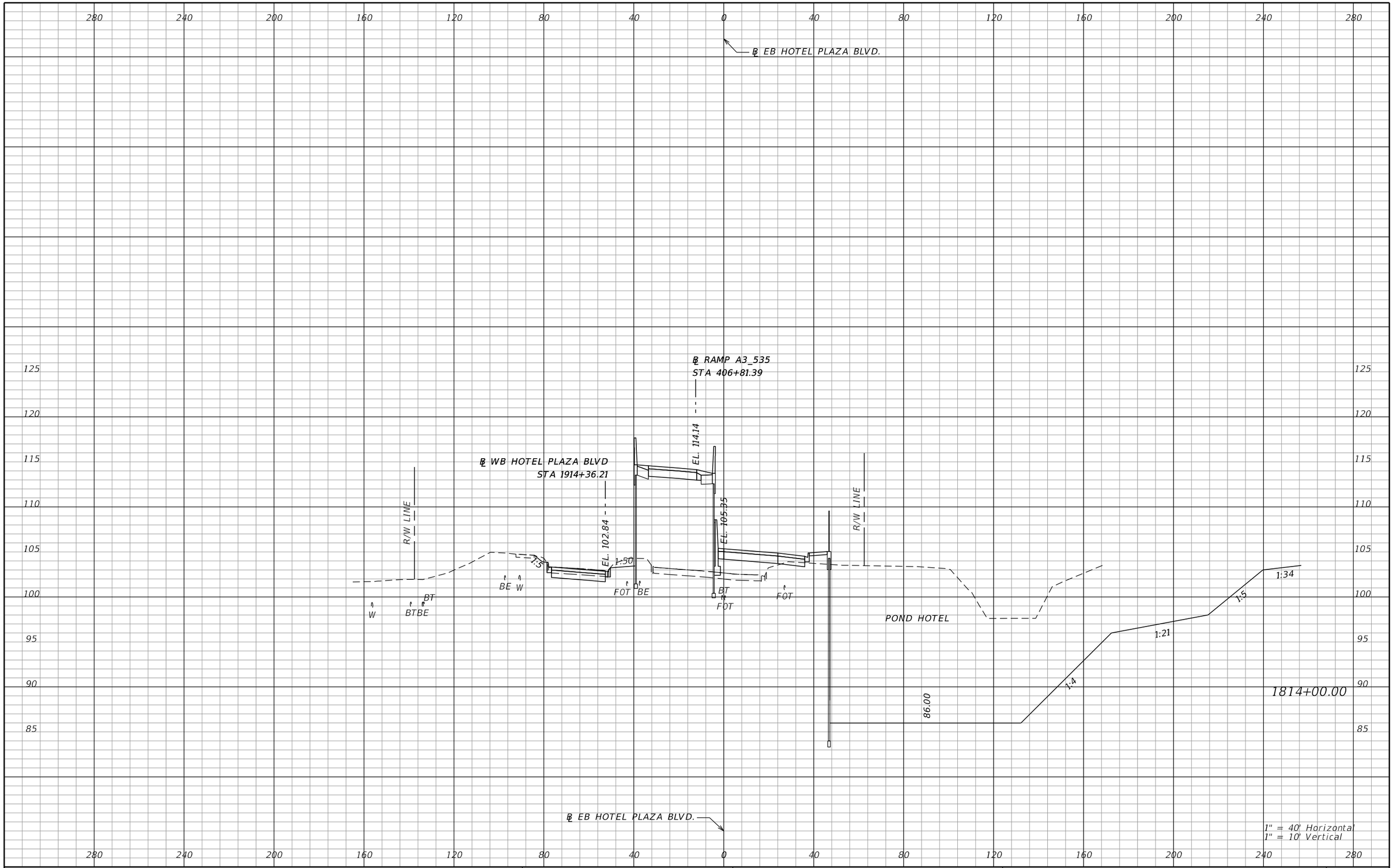

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

HOTEL PLAZA BLVD CROSS SECTIONS

SHEET NO. 1198

PRELIMINARY: NOT FOR CONSTRUCTION

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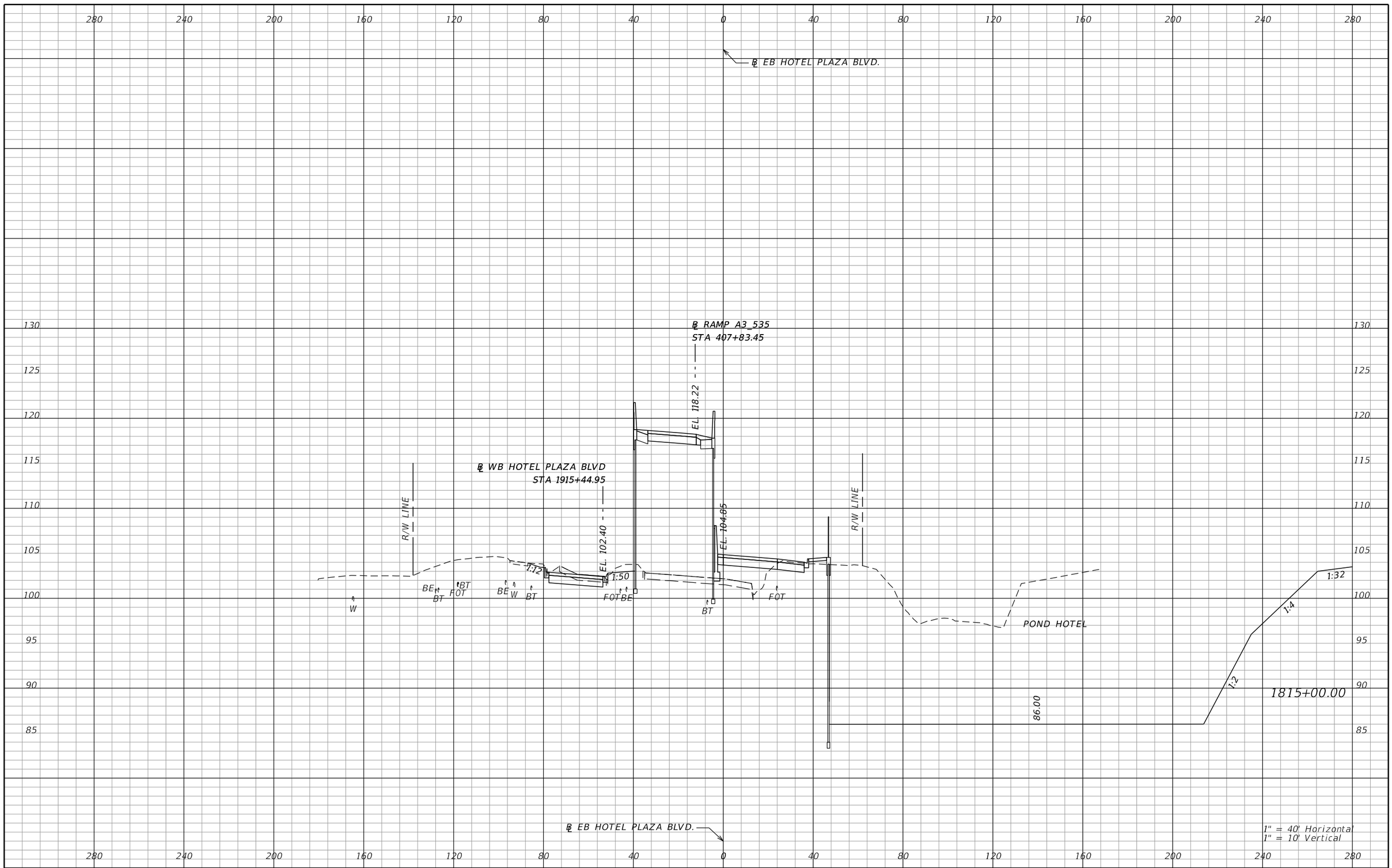

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SR 400	ORANGE	242484-8-52-01

HOTEL PLAZA BLVD CROSS SECTIONS

SHEET NO. 1199

PRELIMINARY: NOT FOR CONSTRUCTION

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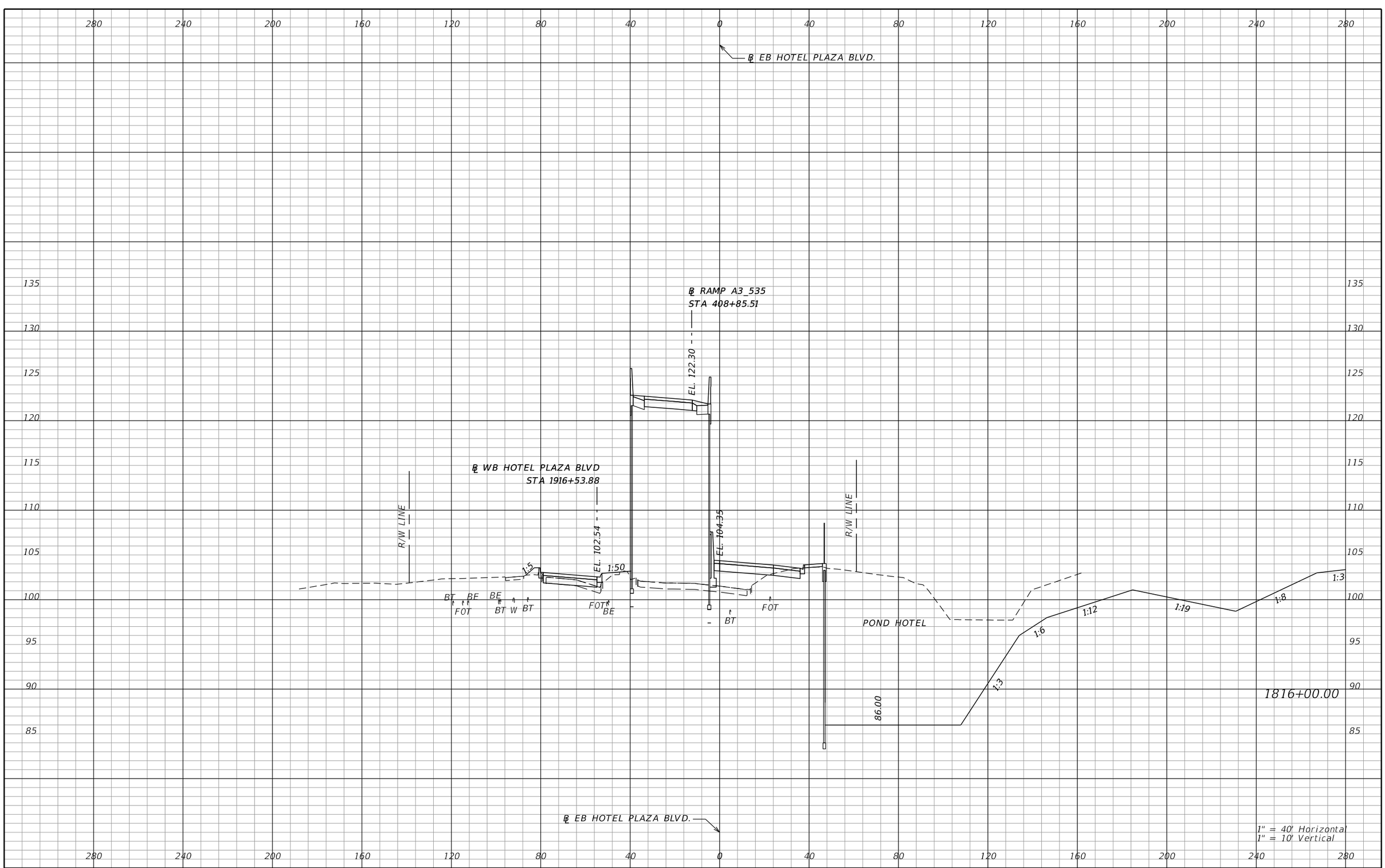

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

HOTEL PLAZA BLVD CROSS SECTIONS

SHEET NO. 1200

PRELIMINARY: NOT FOR CONSTRUCTION

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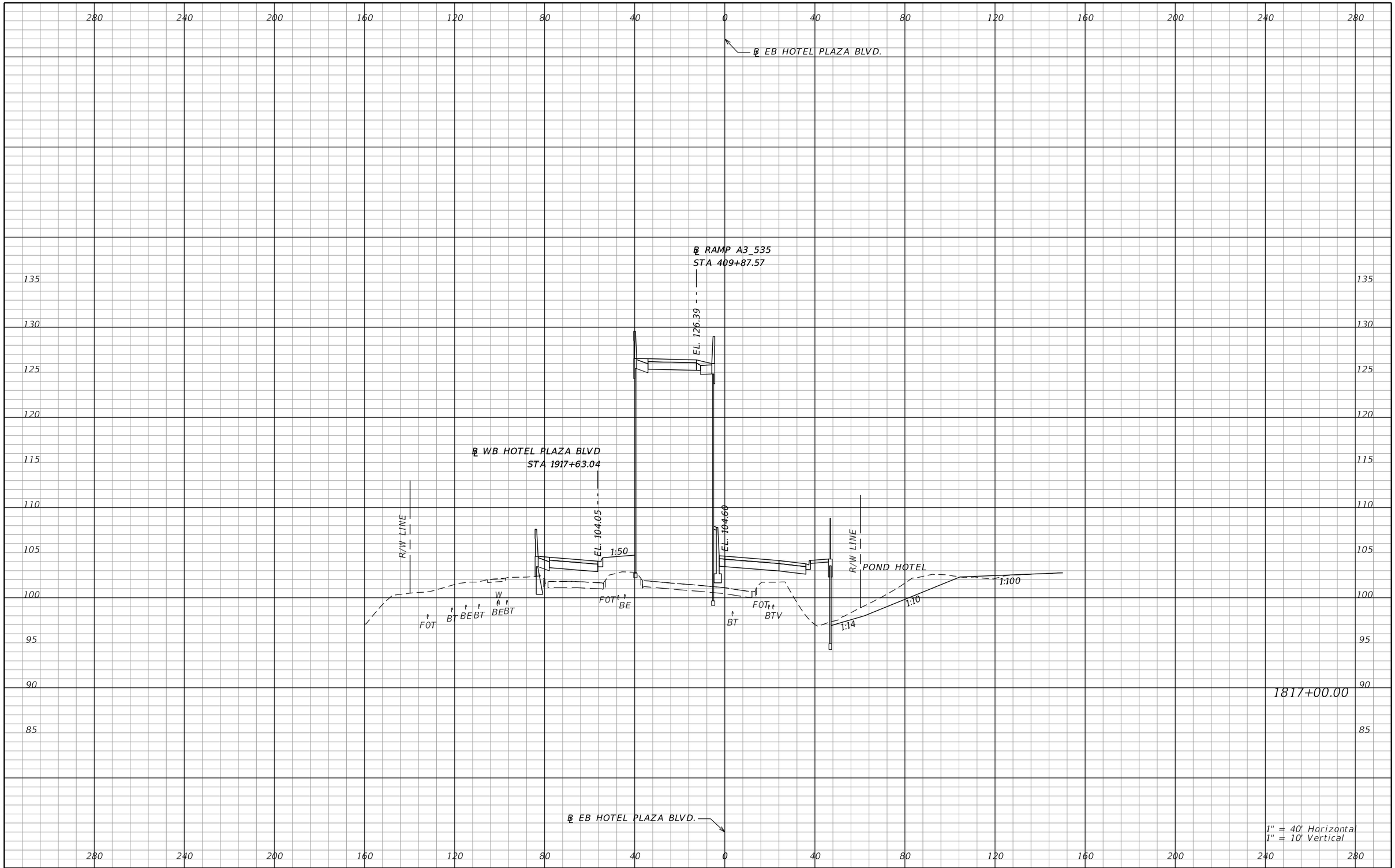

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

HOTEL PLAZA BLVD CROSS SECTIONS

SHEET NO. 1201

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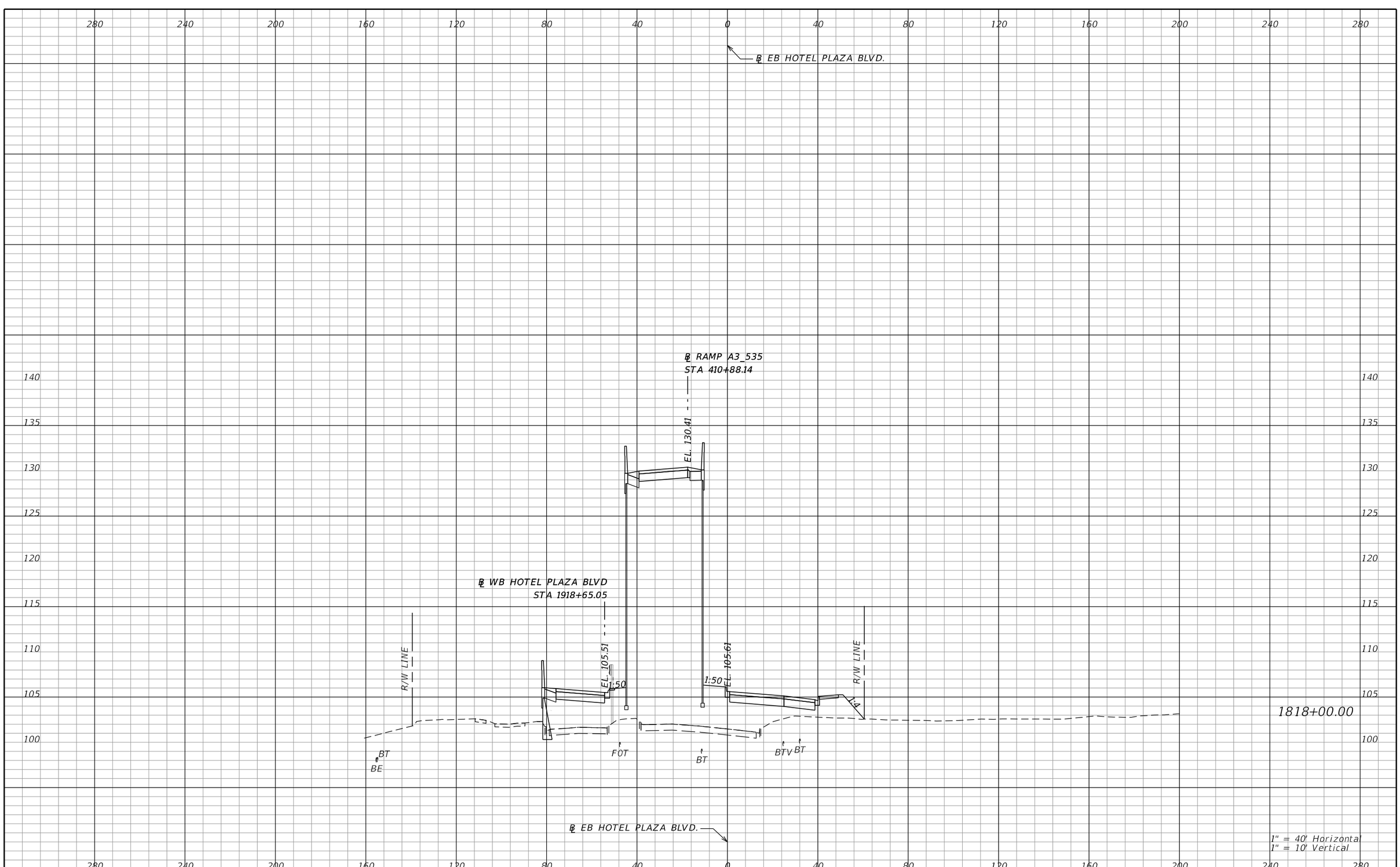

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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

HOTEL PLAZA BLVD CROSS SECTIONS

SHEET NO. 1202

PRELIMINARY: NOT FOR CONSTRUCTION

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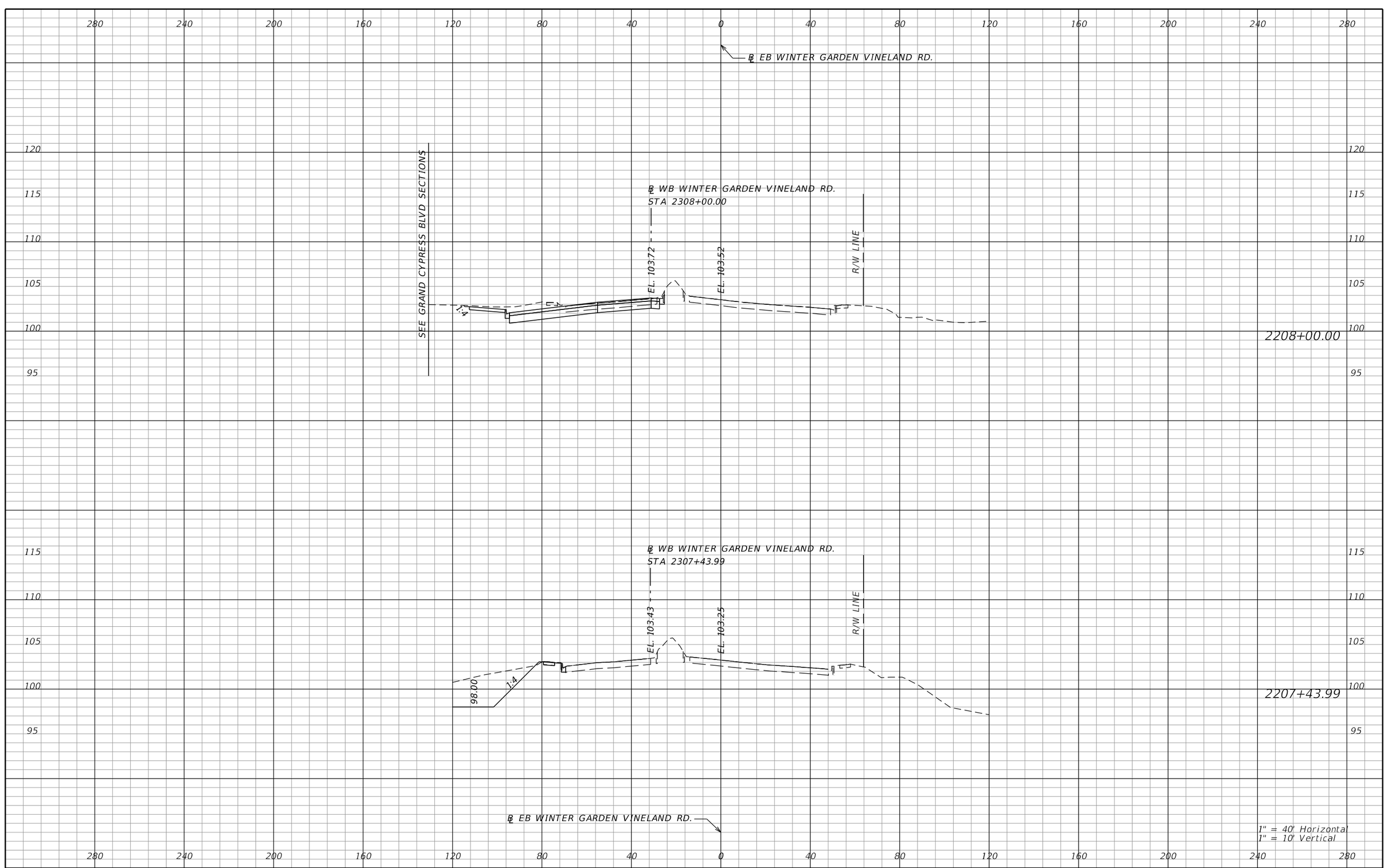

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WINTER GARDEN VINELAND RD CROSS SECTIONS

SHEET NO. 1203

PRELIMINARY: NOT FOR CONSTRUCTION

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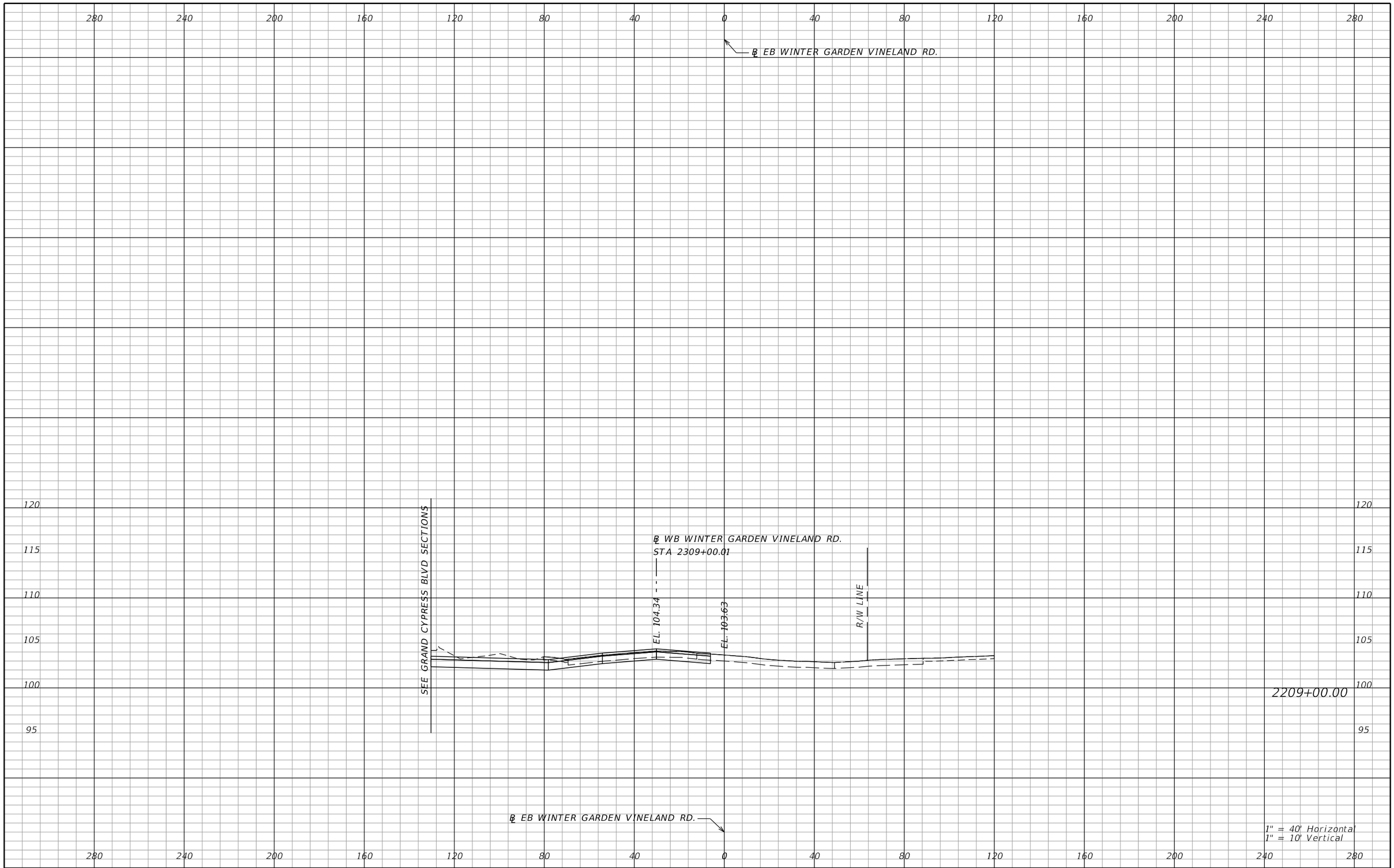

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WINTER GARDEN VINELAND RD CROSS SECTIONS

SHEET NO. 1204

PRELIMINARY: NOT FOR CONSTRUCTION

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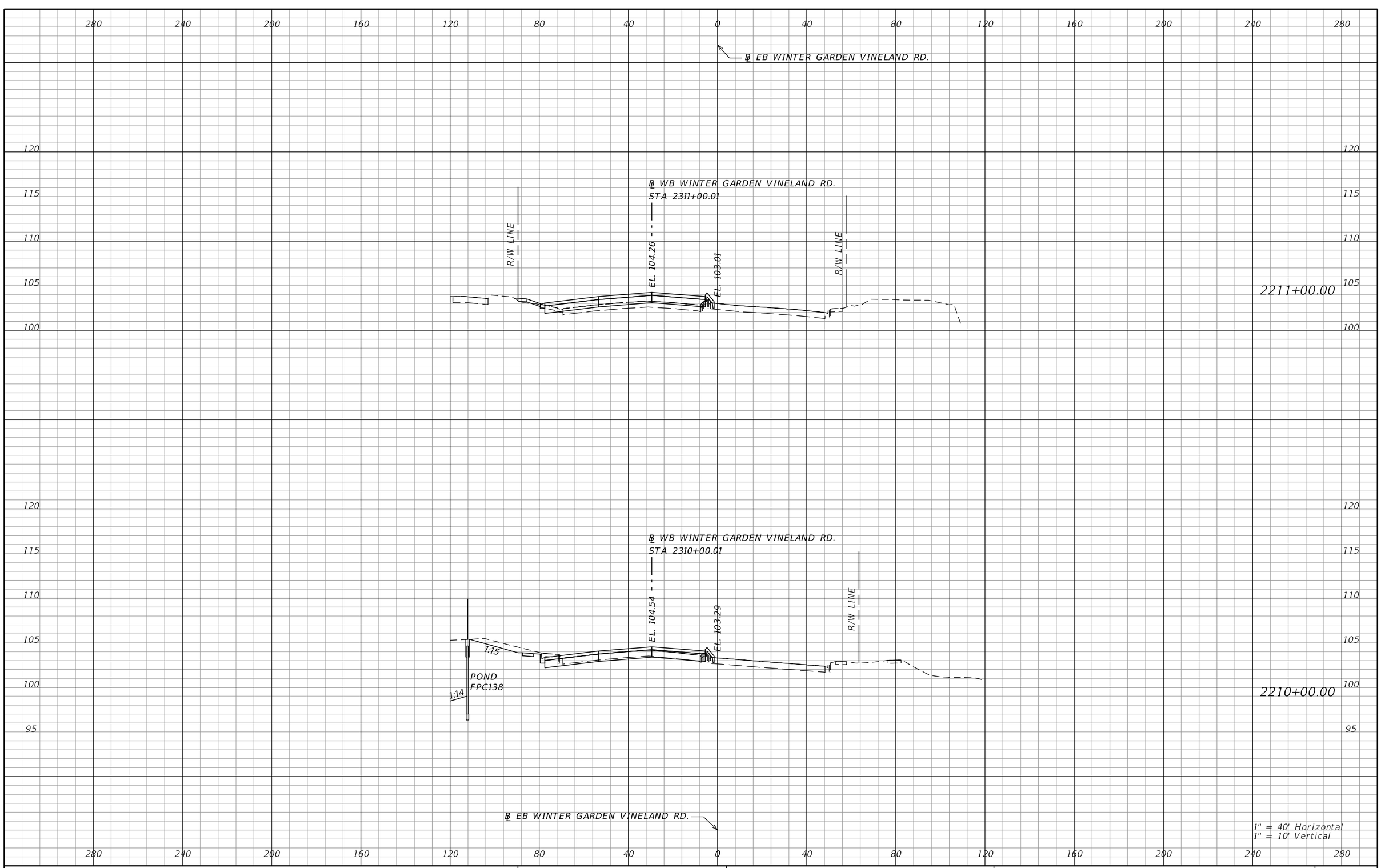

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SR 400	ORANGE	242484-8-52-01

WINTER GARDEN VINELAND RD CROSS SECTIONS

SHEET NO. 1205

PRELIMINARY: NOT FOR CONSTRUCTION

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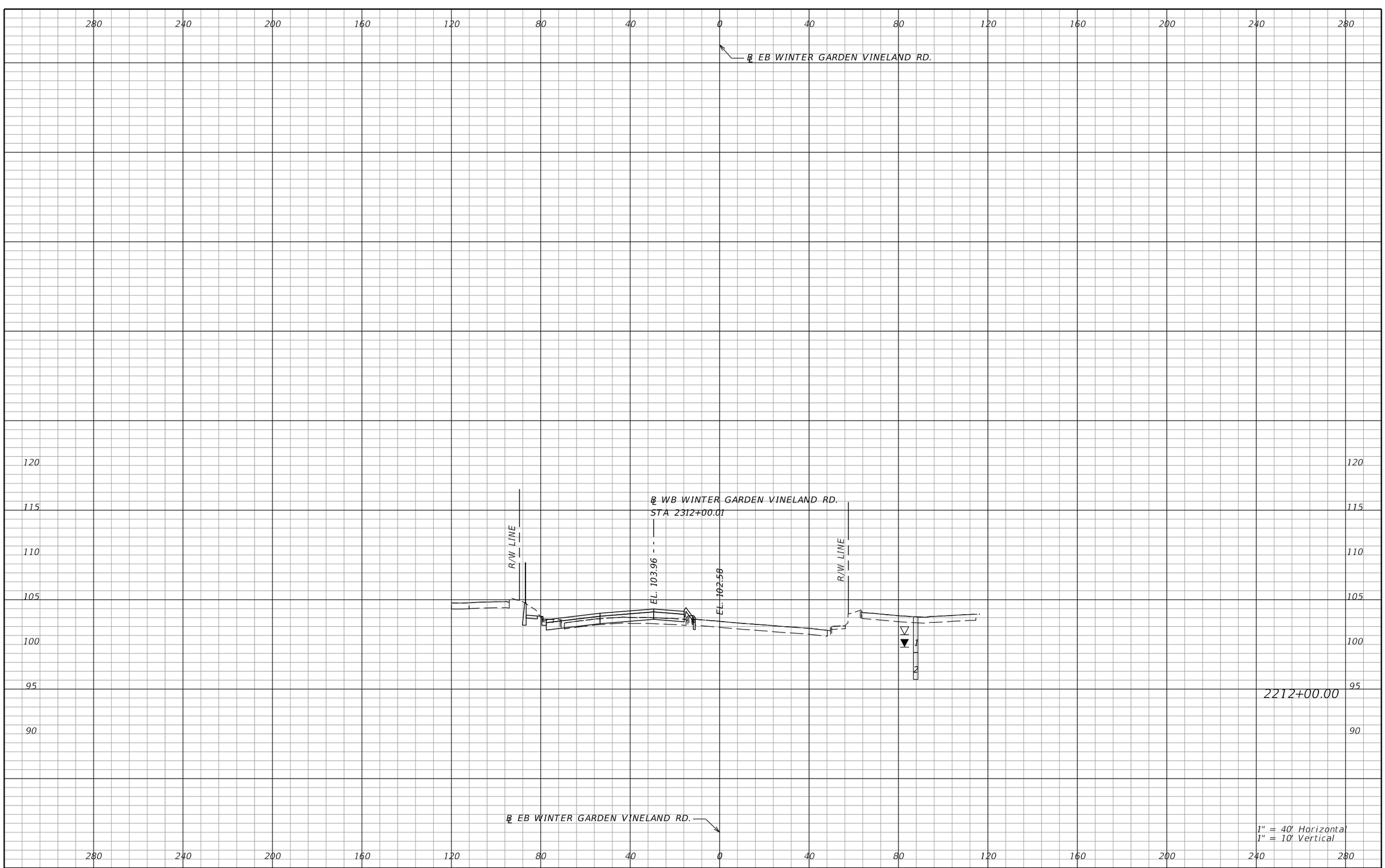

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SR 400	ORANGE	242484-8-52-01

WINTER GARDEN VINELAND RD CROSS SECTIONS

SHEET NO. 1206

PRELIMINARY: NOT FOR CONSTRUCTION

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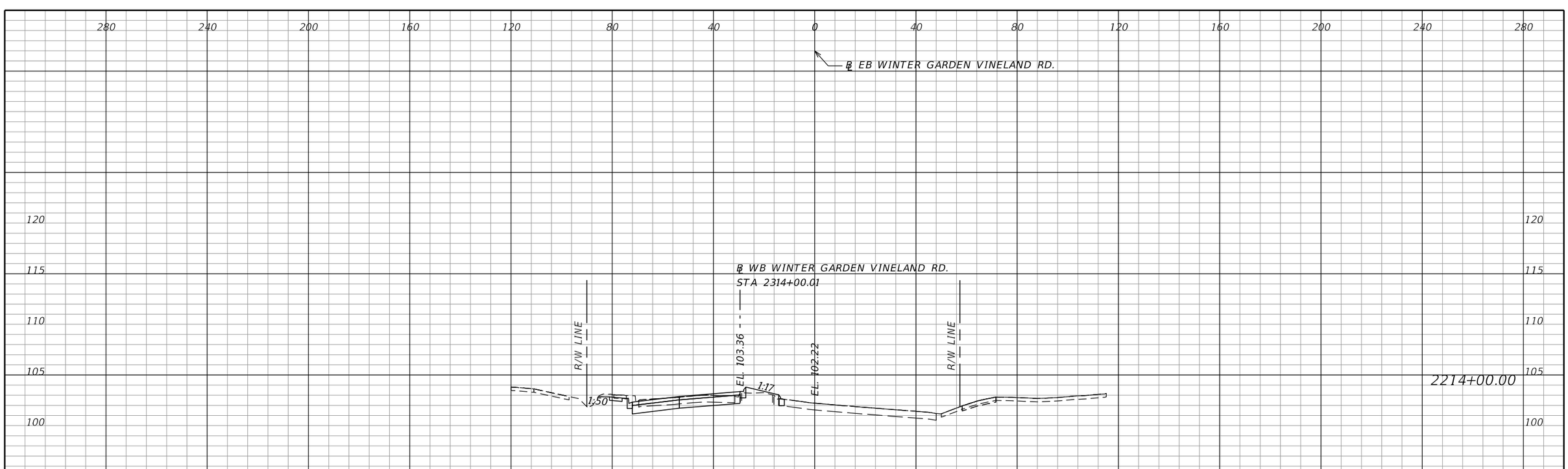

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

WINTER GARDEN VINELAND RD CROSS SECTIONS

SHEET NO. 1207

PRELIMINARY: NOT FOR CONSTRUCTION

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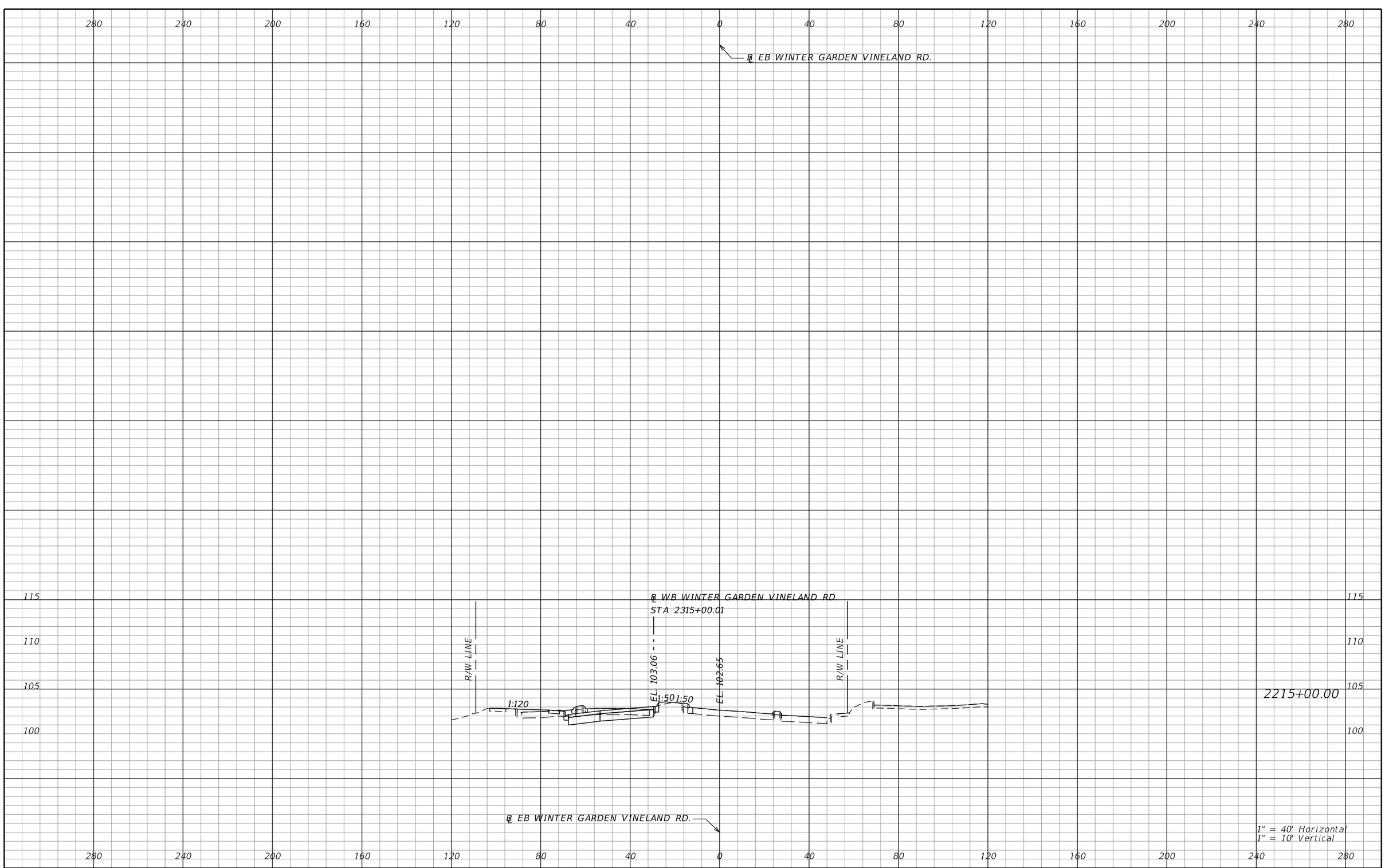

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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WINTER GARDEN VINELAND RD
CROSS SECTIONS

SHEET NO. 1208

PRELIMINARY: NOT FOR CONSTRUCTION

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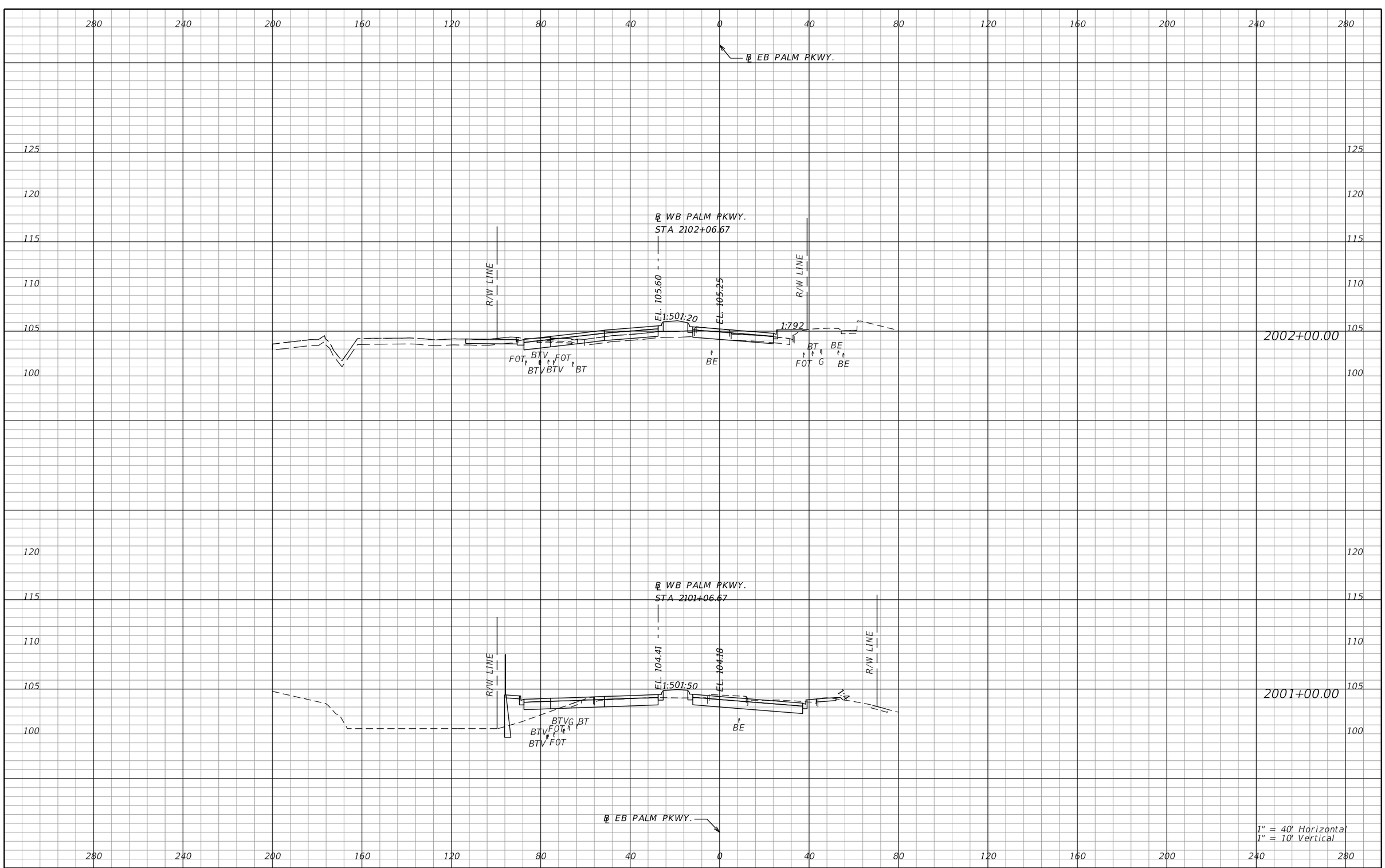

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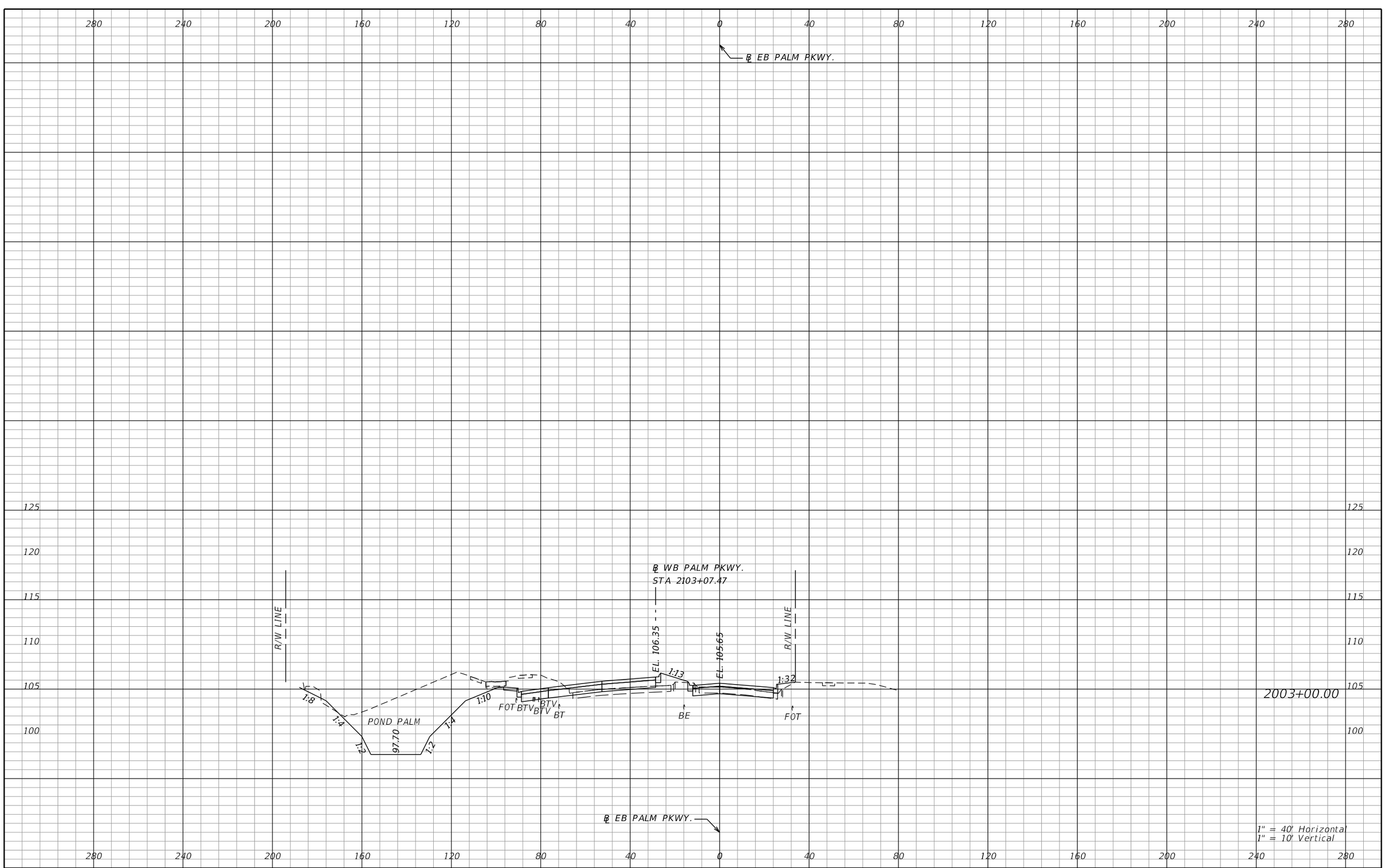
SR 400	ORANGE	242484-8-52-01

PALM PKWY
CROSS SECTIONS

SHEET NO. 1209

PRELIMINARY: NOT FOR CONSTRUCTION



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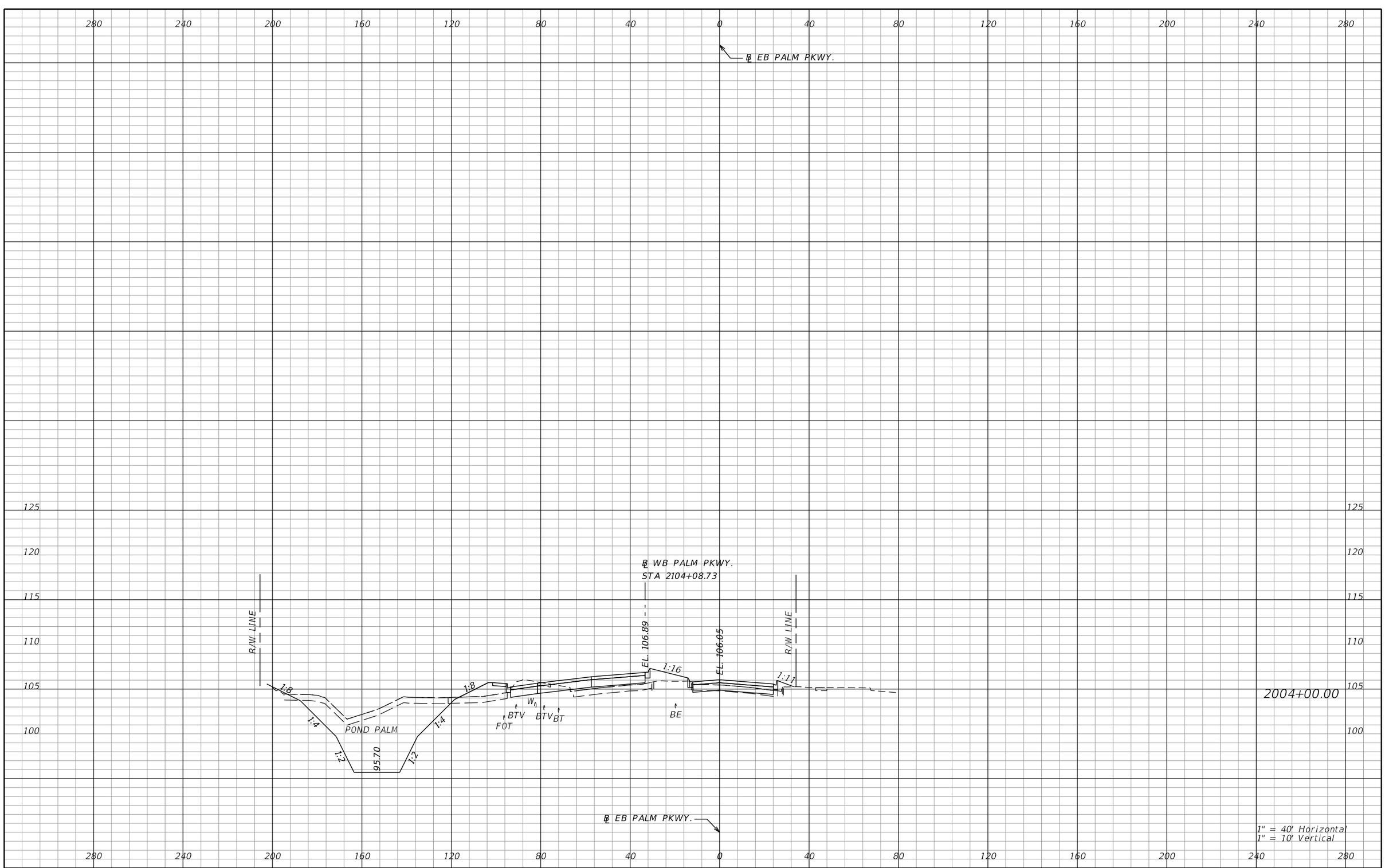
SR 400	ORANGE	242484-8-52-01

PALM PKWY
CROSS SECTIONS

SHEET NO. 1210

PRELIMINARY: NOT FOR CONSTRUCTION



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SR 400	ORANGE	242484-8-52-01

PALM PKWY
CROSS SECTIONS

SHEET NO. 1211

PRELIMINARY: NOT FOR CONSTRUCTION

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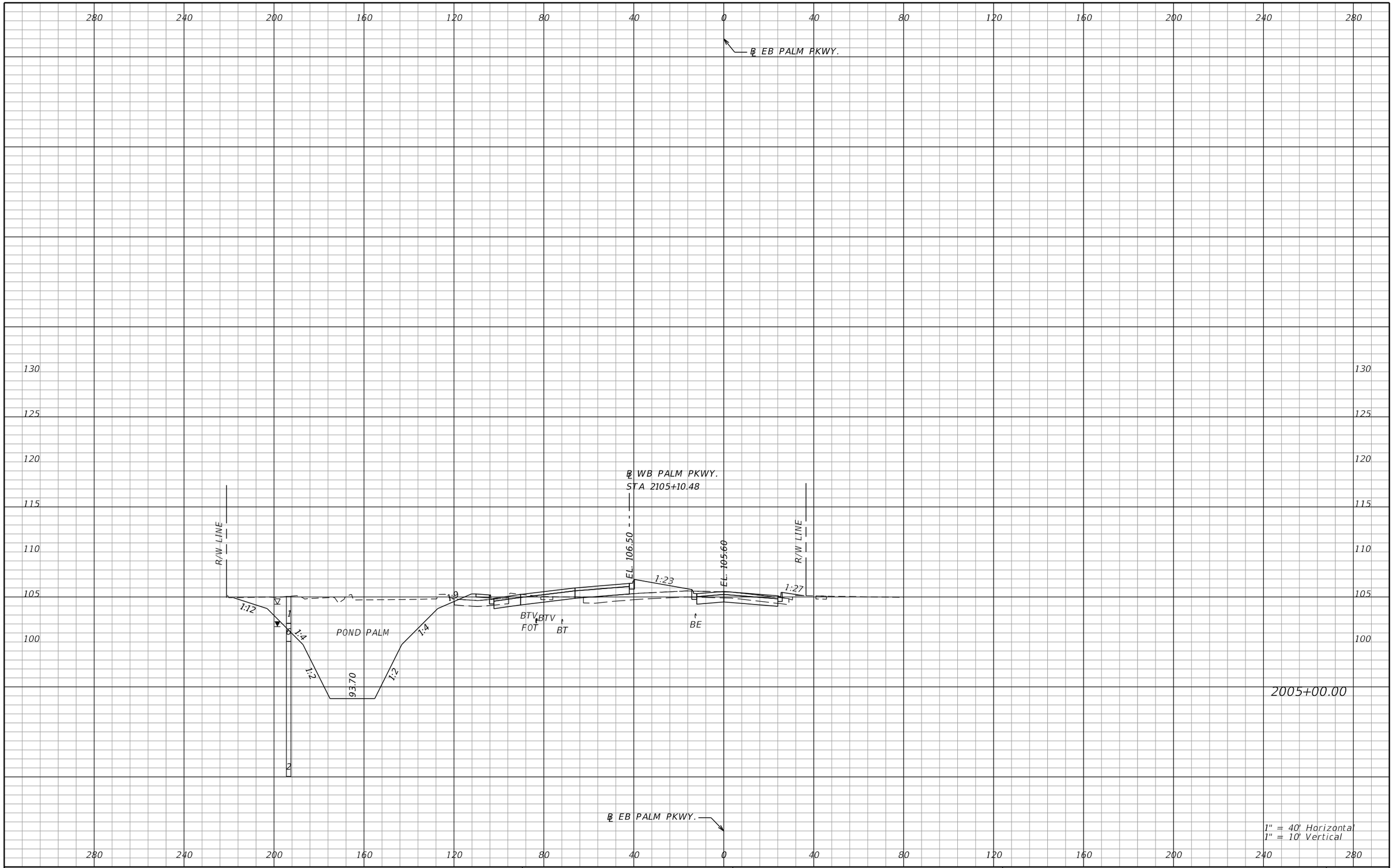

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY
CROSS SECTIONS

SHEET NO. 1212

PRELIMINARY: NOT FOR CONSTRUCTION

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ EB PALM PKWY.

130 125 120 115 110 105 100

℄ WB PALM PKWY.
STA 2106+13.35

R/W LINE

EL. 105.98

EL. 105.15

R/W LINE

1:22 1:4 1:3 93.70 1:2 1:4 1:13 1:34 1:16

POND PALM

BTV BFO BE BTV BT BT BE WBT FOT FOT G BE

2006+00.00

℄ EB PALM PKWY.

1" = 40' Horizontal
1" = 10' Vertical

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

REVISIONS			
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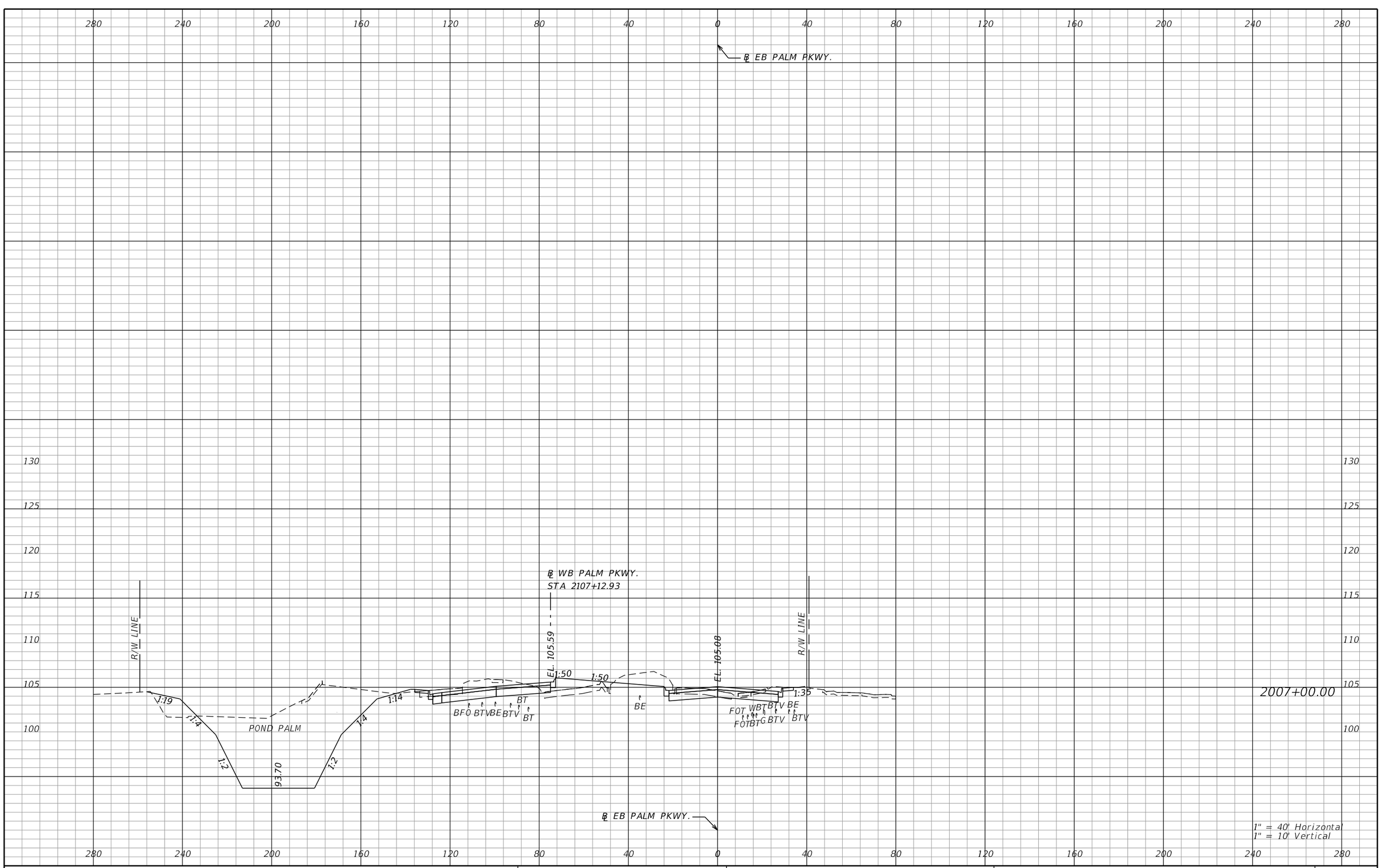
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY
CROSS SECTIONS

SHEET NO. 1213

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY
CROSS SECTIONS

SHEET NO. 1214

PRELIMINARY: NOT FOR CONSTRUCTION

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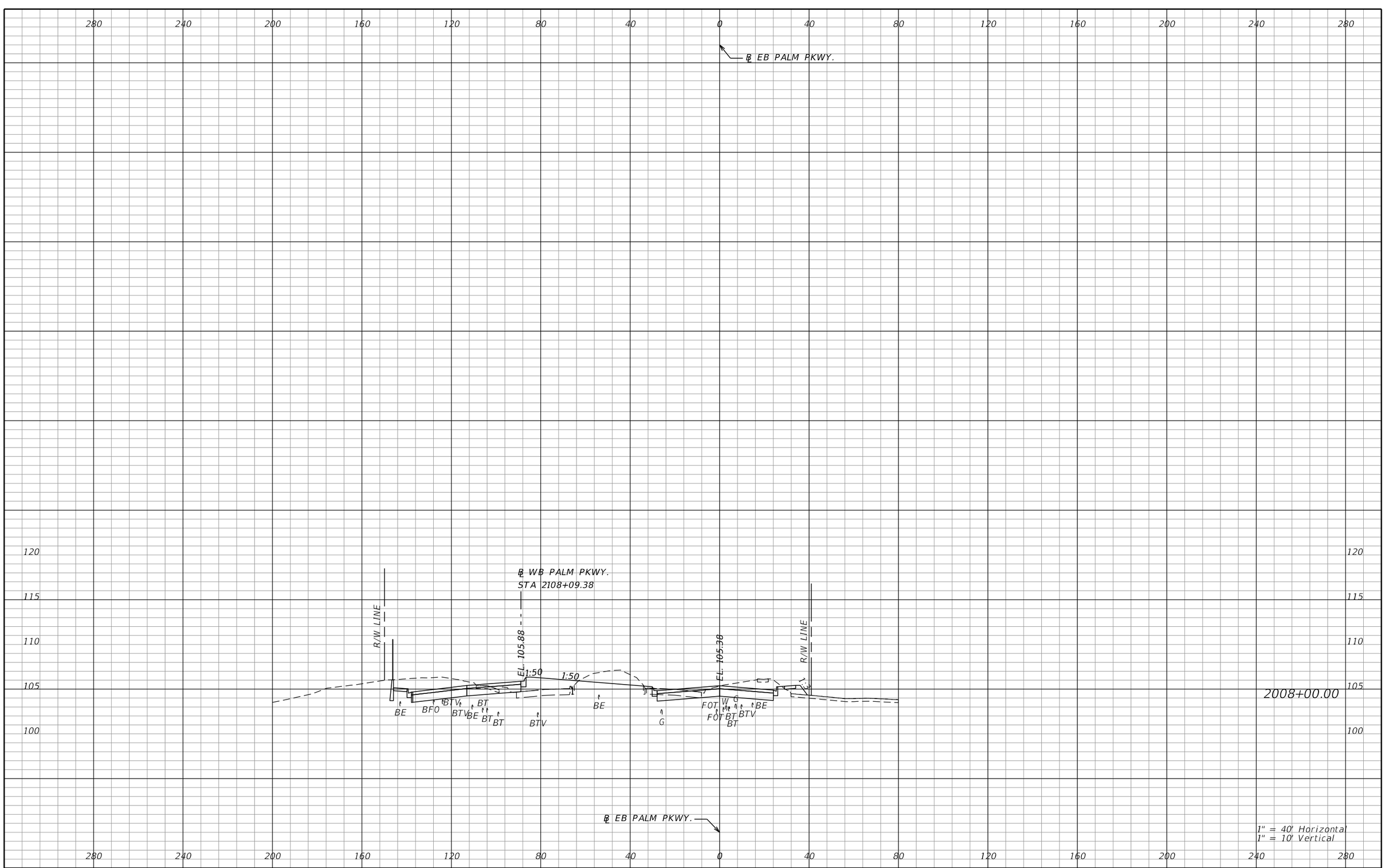

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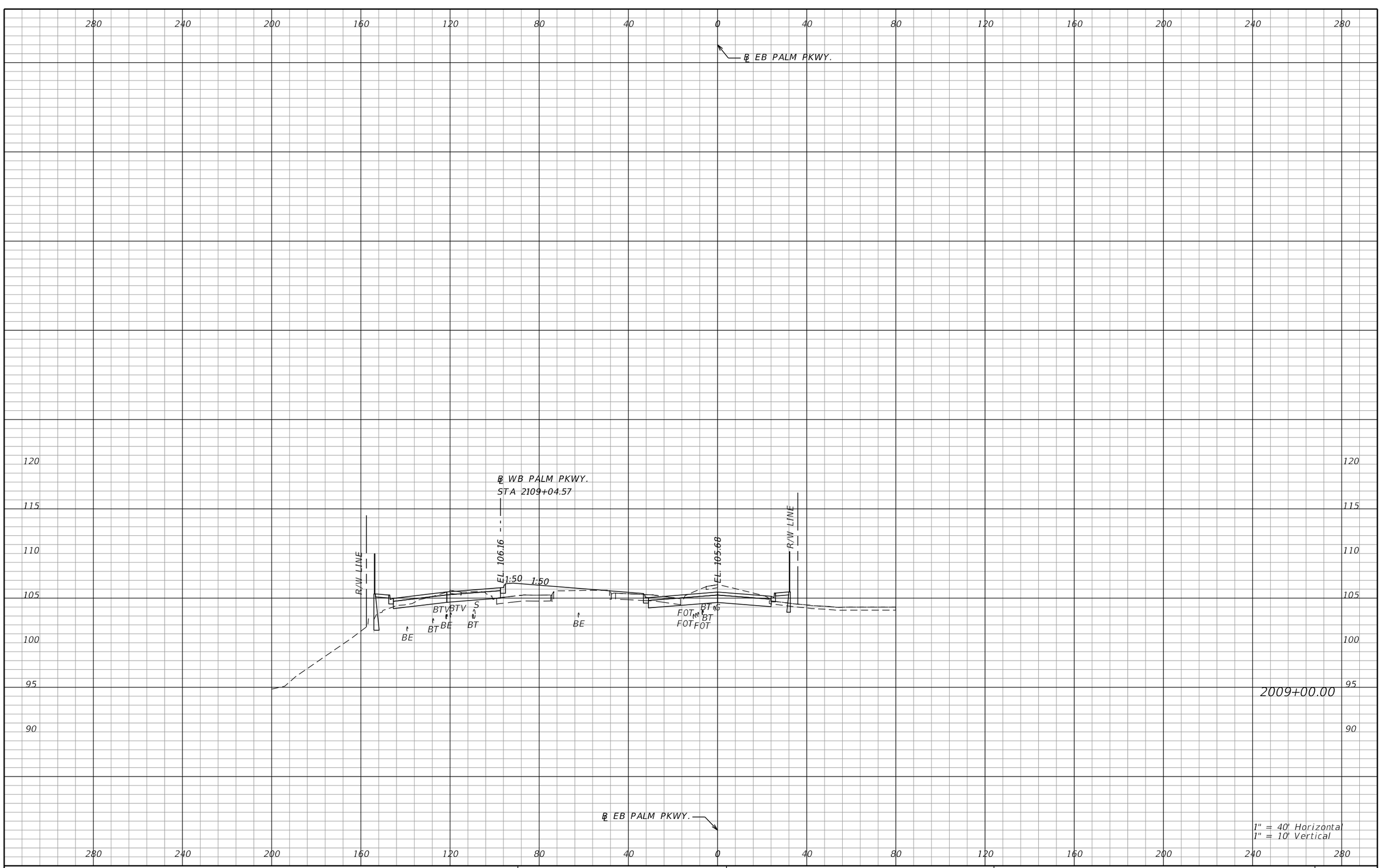
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY
CROSS SECTIONS

SHEET NO. 1215

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY
CROSS SECTIONS

SHEET NO. 1216

PRELIMINARY: NOT FOR CONSTRUCTION

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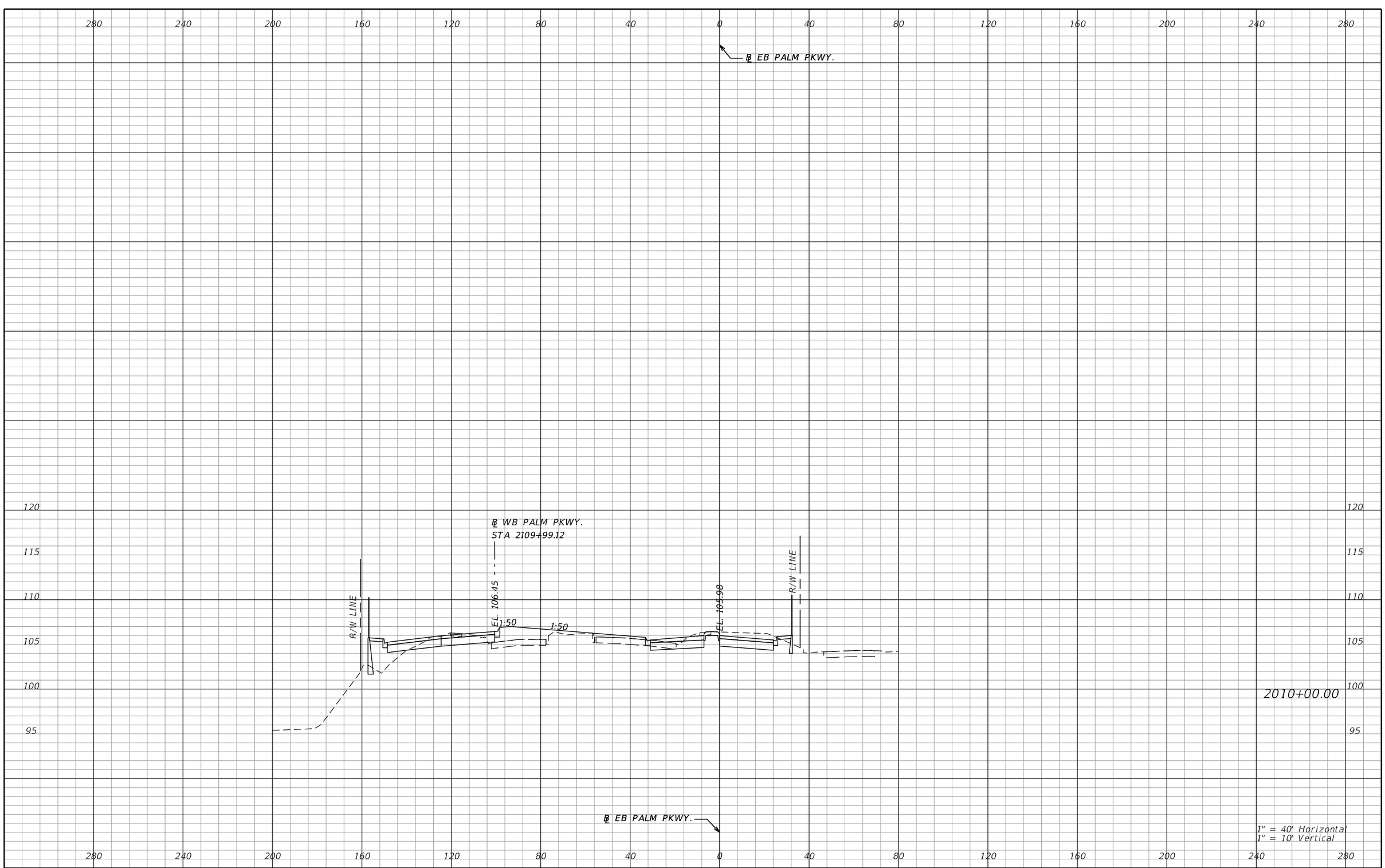

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY CROSS SECTIONS

SHEET NO. 1217

PRELIMINARY: NOT FOR CONSTRUCTION

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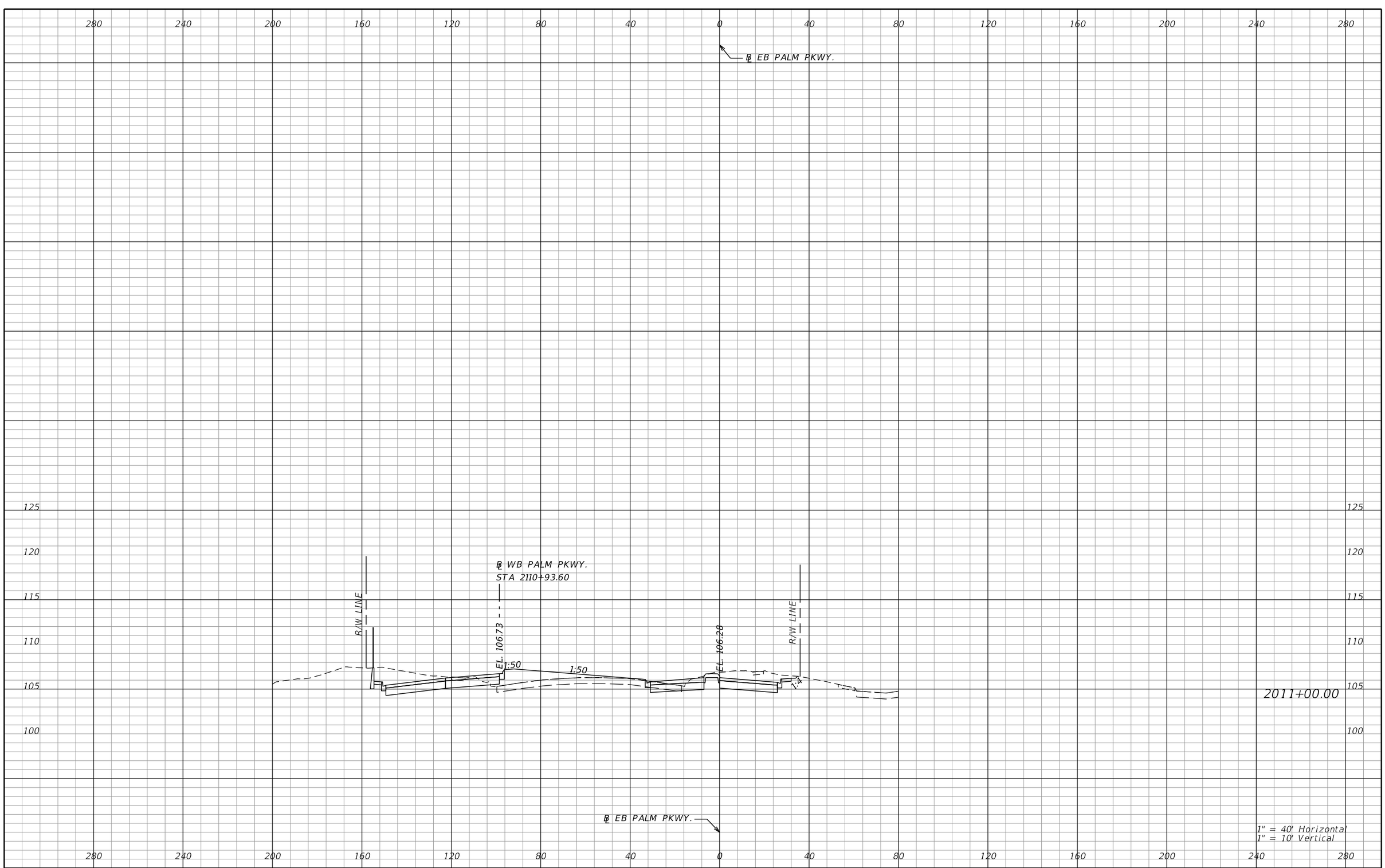

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY
CROSS SECTIONS

SHEET NO. 1218

PRELIMINARY: NOT FOR CONSTRUCTION

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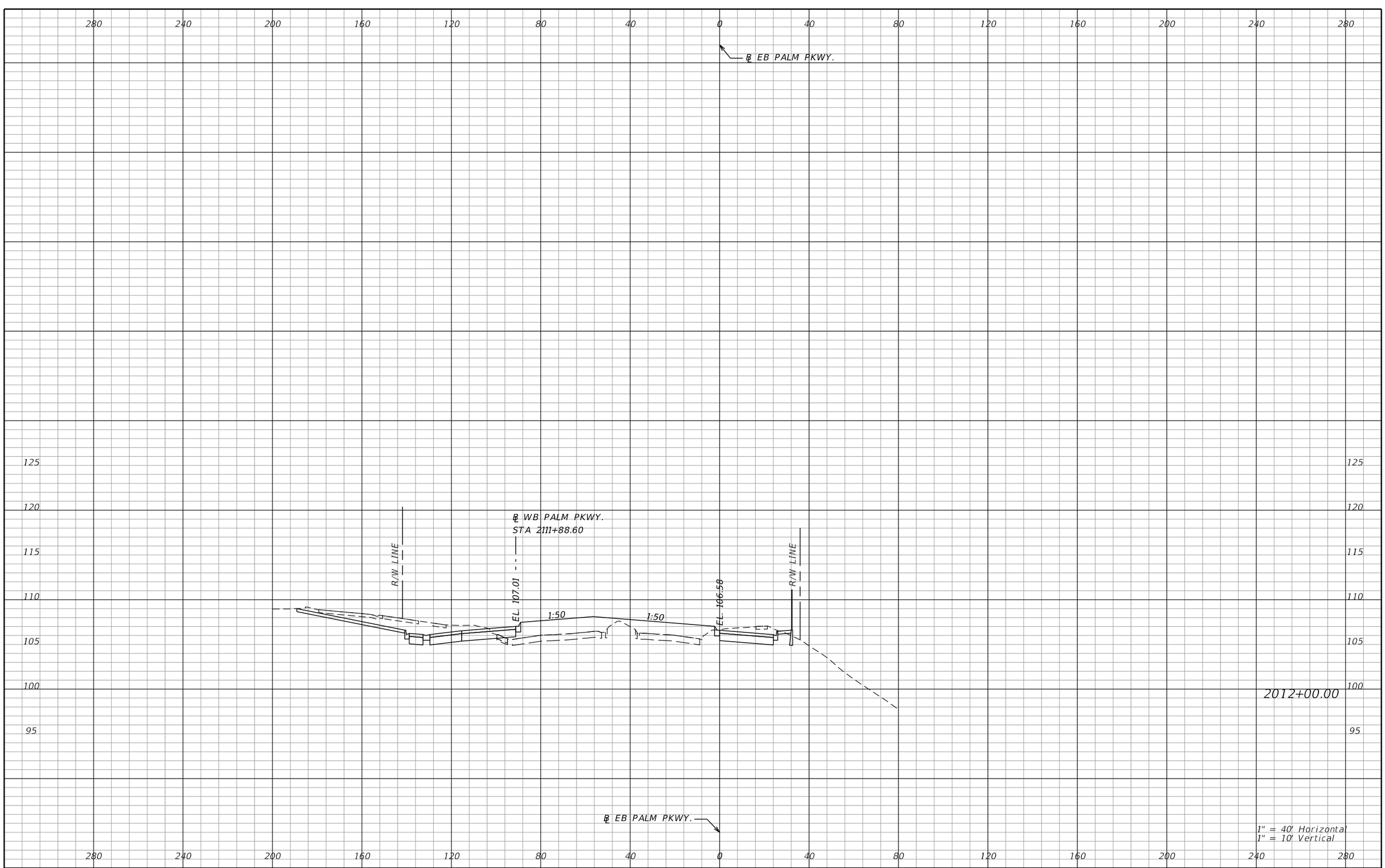

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY CROSS SECTIONS

SHEET NO. 1219

PRELIMINARY: NOT FOR CONSTRUCTION

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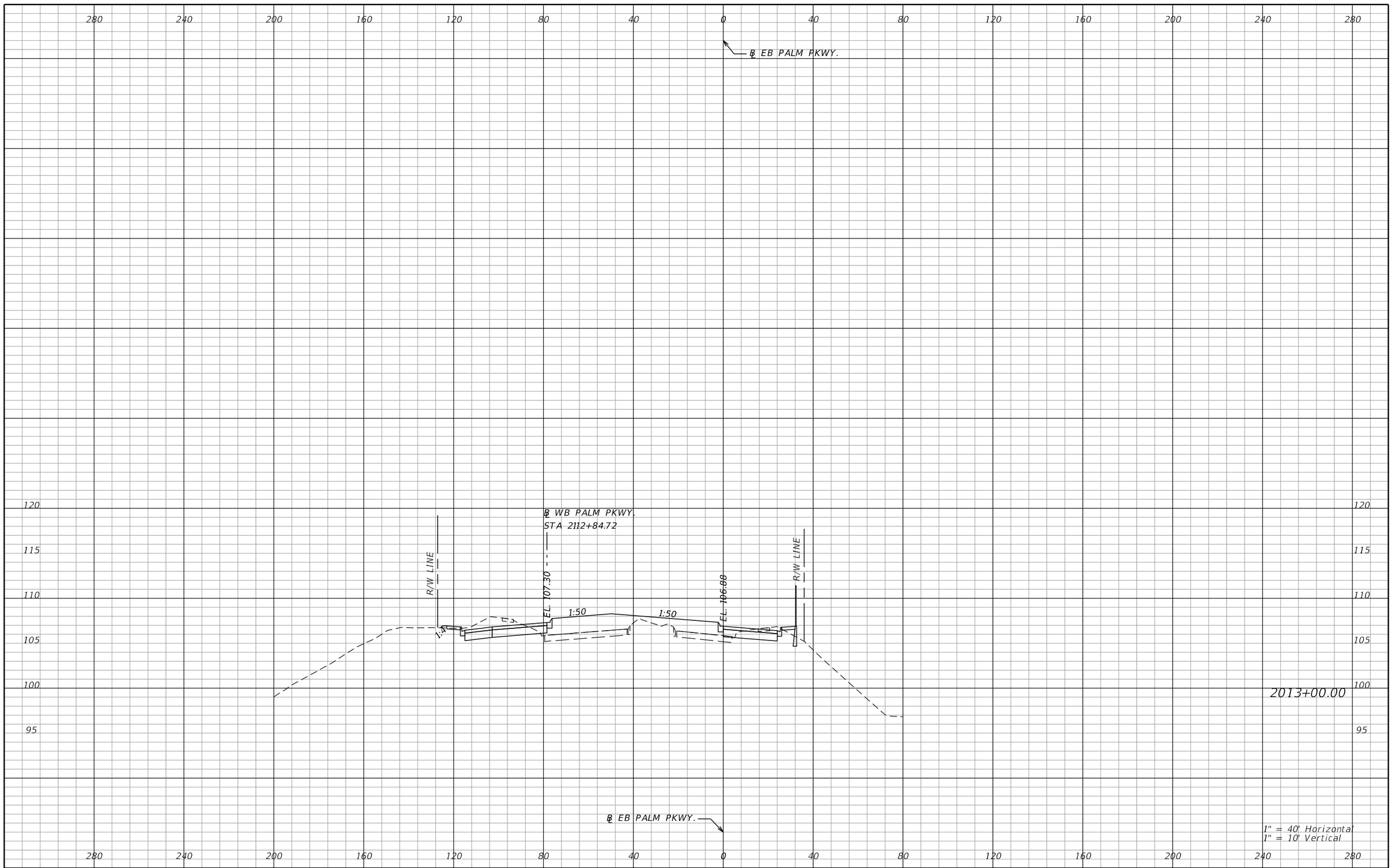

REVISIONS

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY CROSS SECTIONS

SHEET NO. 1220

PRELIMINARY: NOT FOR CONSTRUCTION

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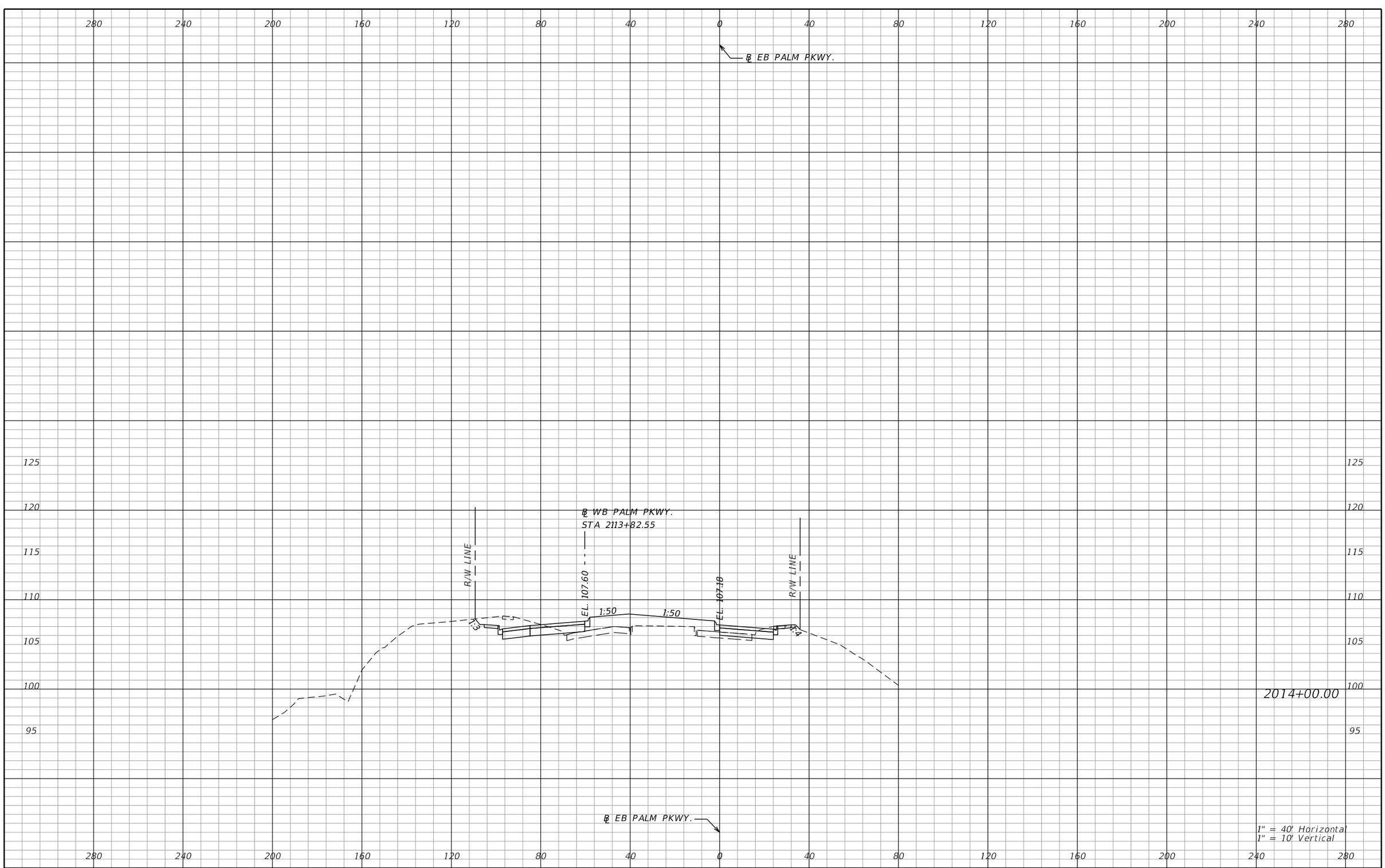

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY
CROSS SECTIONS

SHEET NO. 1221

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ EB PALM PKWY.

125 120 115 110 105 100 95

℄ WB PALM PKWY.
STA 2114+81.11

R/W LINE

EL. 107.89

EL. 107.75

R/W LINE

1:50 1:50 1:47 1:11

2015+00.00

℄ EB PALM PKWY.

1" = 40' Horizontal
1" = 10' Vertical

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY CROSS SECTIONS

SHEET NO. 1222

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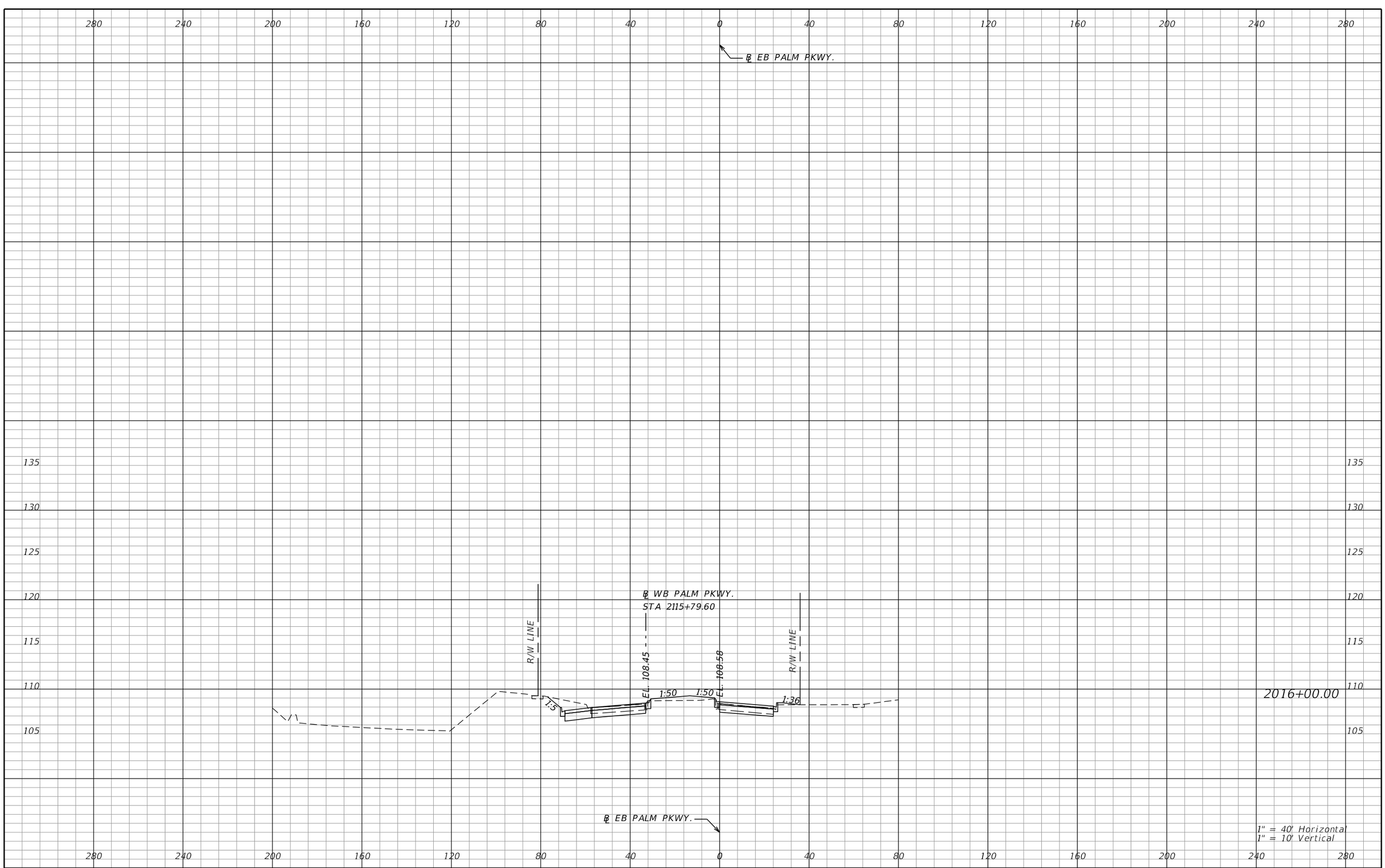

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY
CROSS SECTIONS

SHEET NO. 1223

PRELIMINARY: NOT FOR CONSTRUCTION

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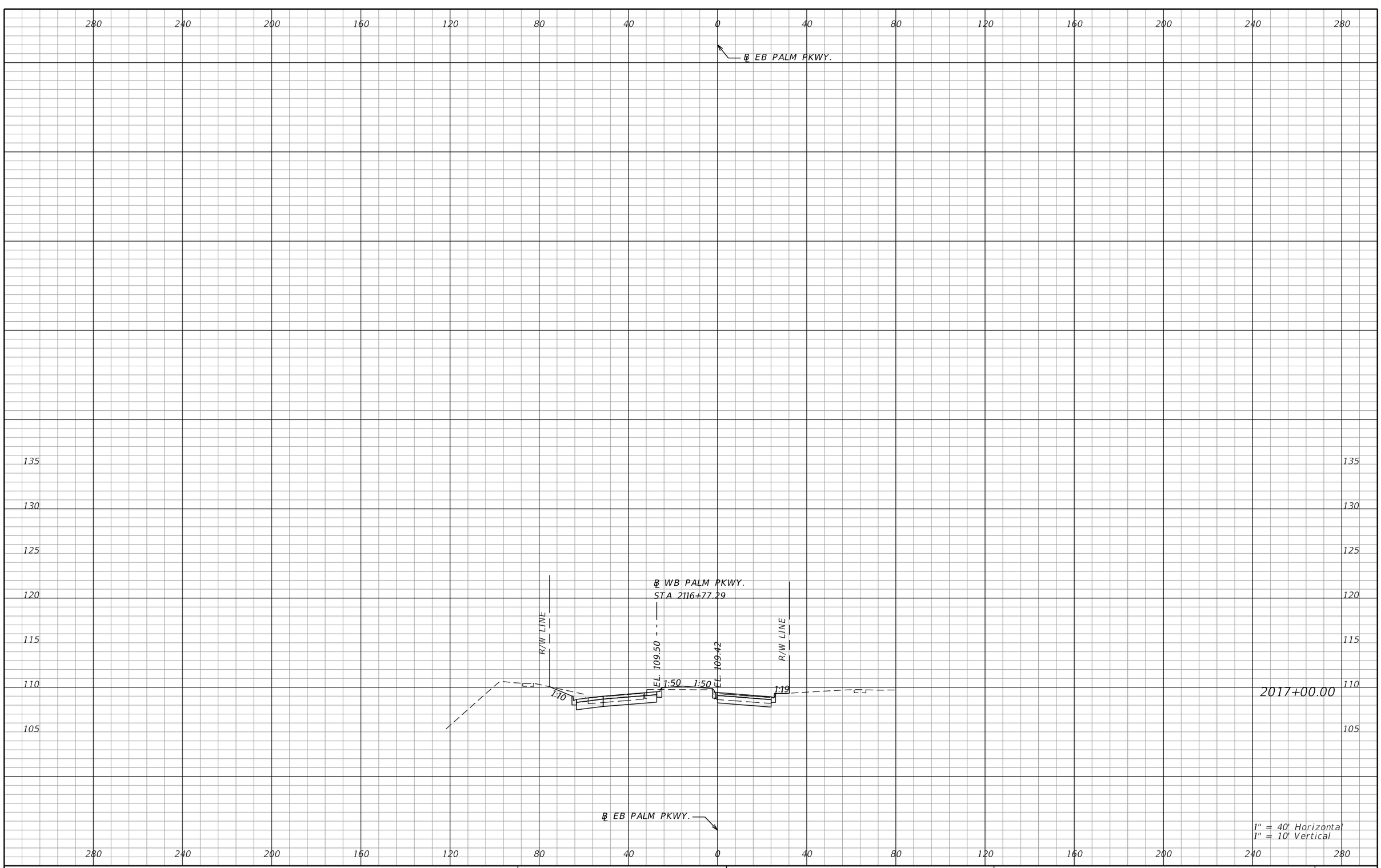

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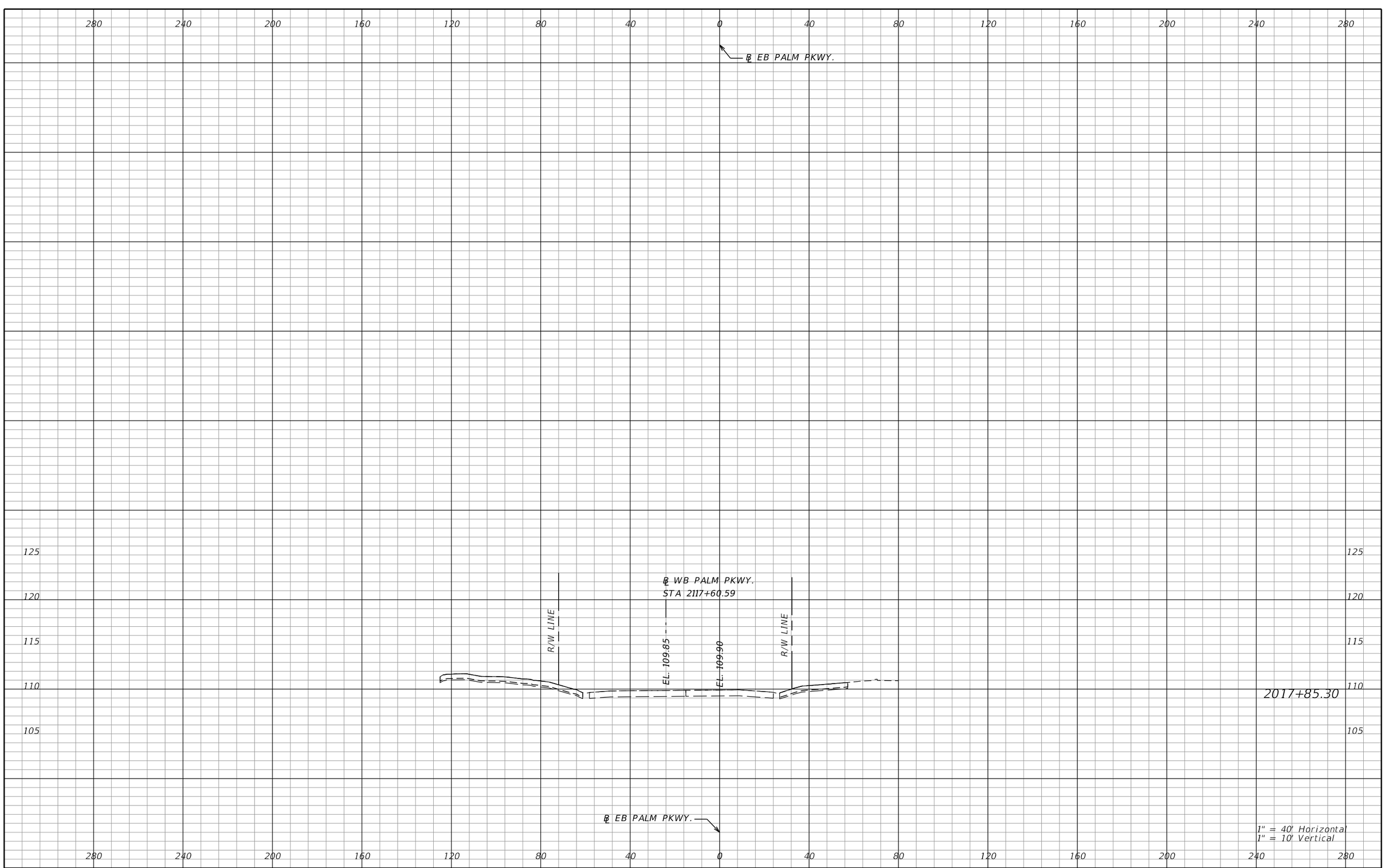
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY CROSS SECTIONS

SHEET NO. 1224

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY
CROSS SECTIONS

SHEET NO. 1225

PRELIMINARY: NOT FOR CONSTRUCTION

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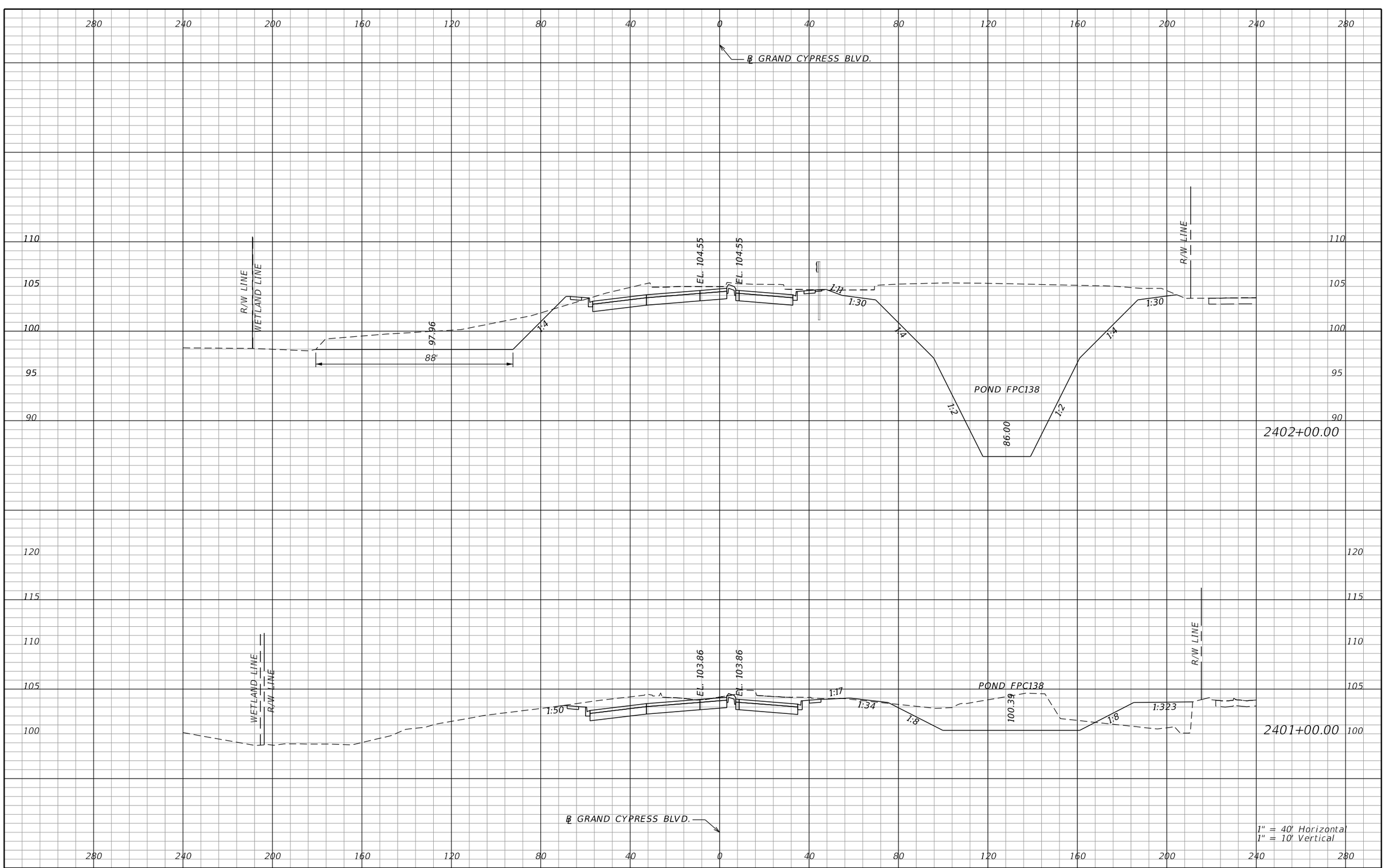

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

GRAND CYPRESS BLVD. CROSS SECTIONS

SHEET NO. 1226

PRELIMINARY: NOT FOR CONSTRUCTION

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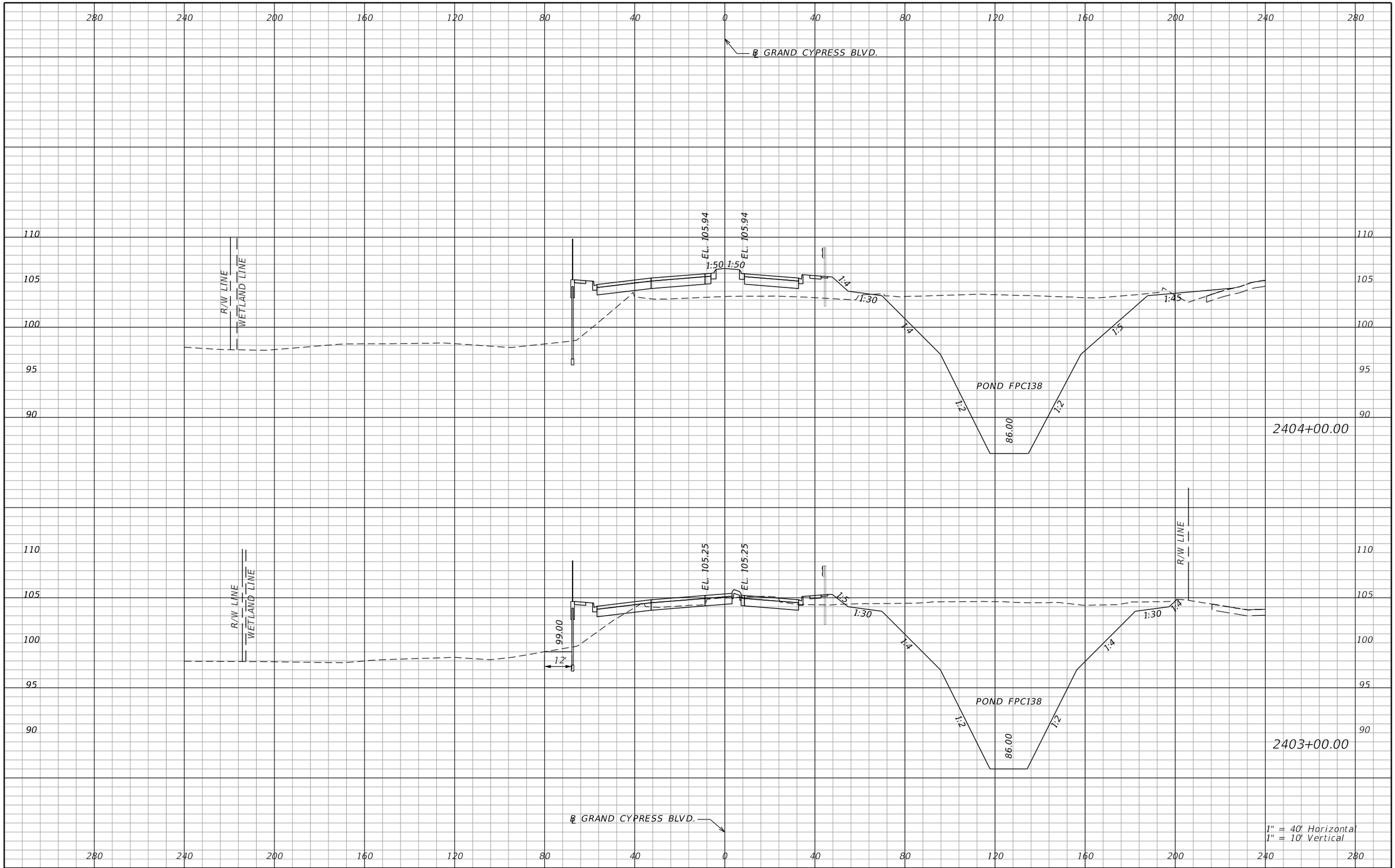

REVISIONS			
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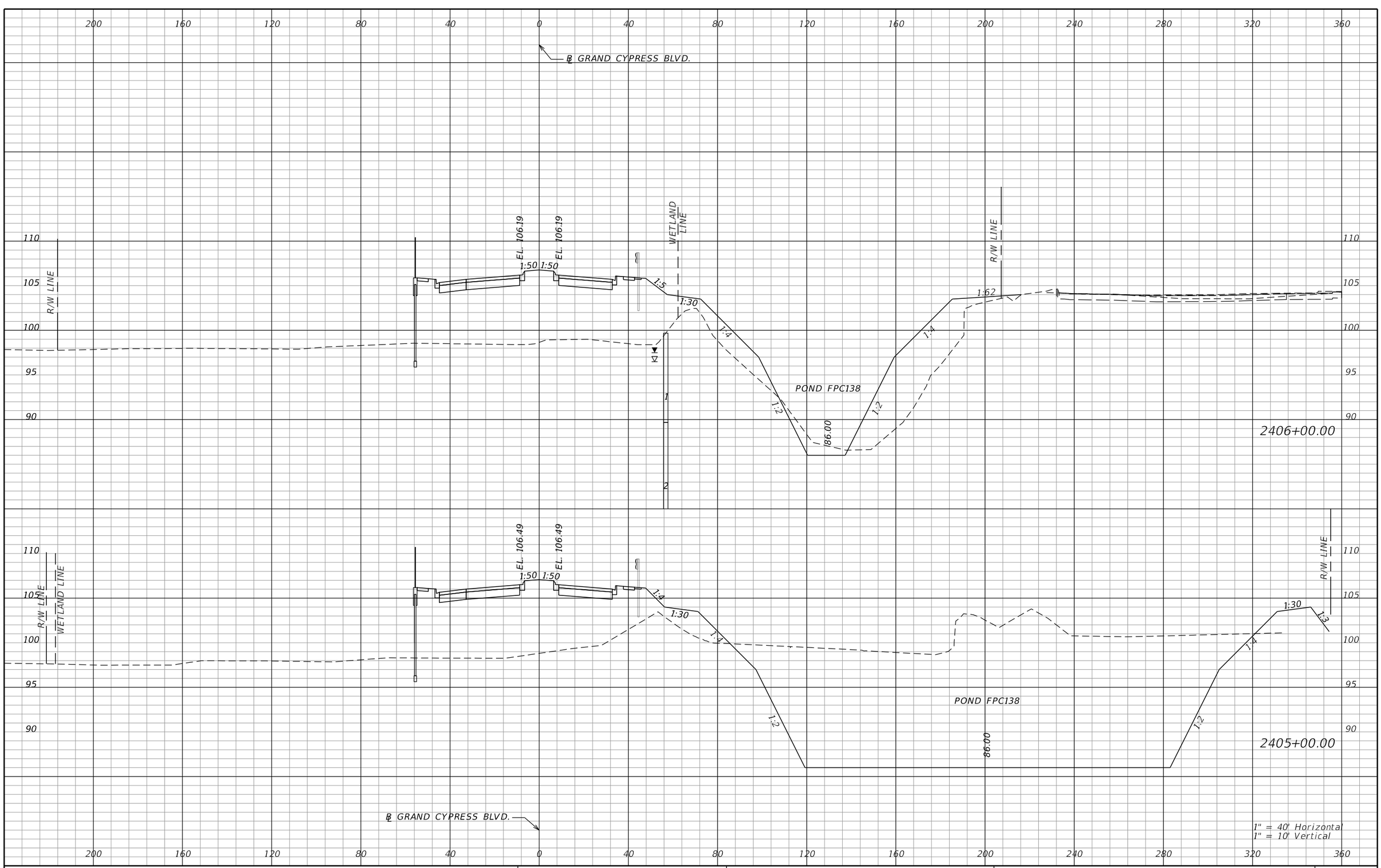
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

GRAND CYPRESS BLVD. CROSS SECTIONS

SHEET NO. 1227

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

GRAND CYPRESS BLVD. CROSS SECTIONS

SHEET NO. 1228

PRELIMINARY: NOT FOR CONSTRUCTION

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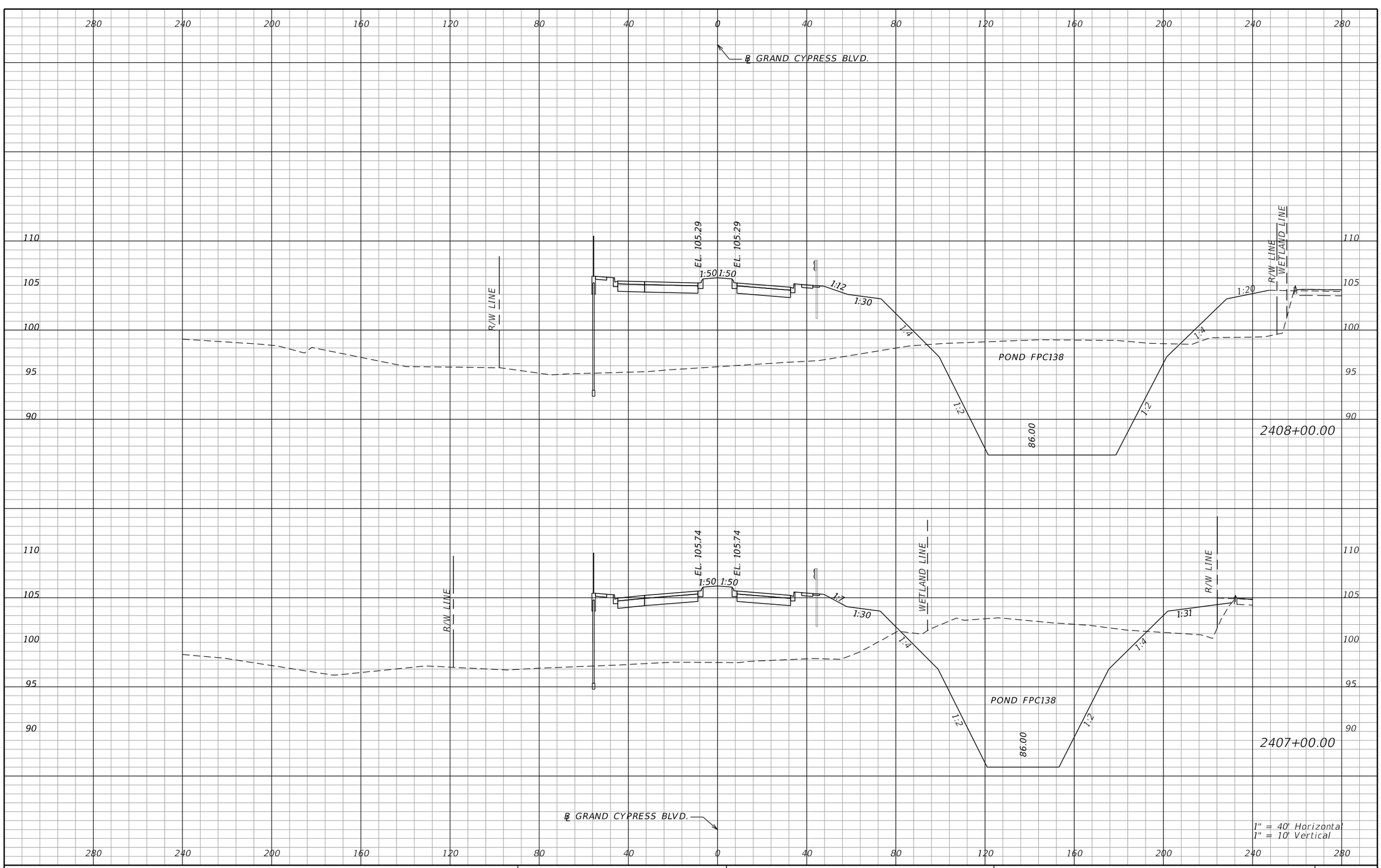

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

GRAND CYPRESS BLVD. CROSS SECTIONS

SHEET NO. 1229

PRELIMINARY: NOT FOR CONSTRUCTION

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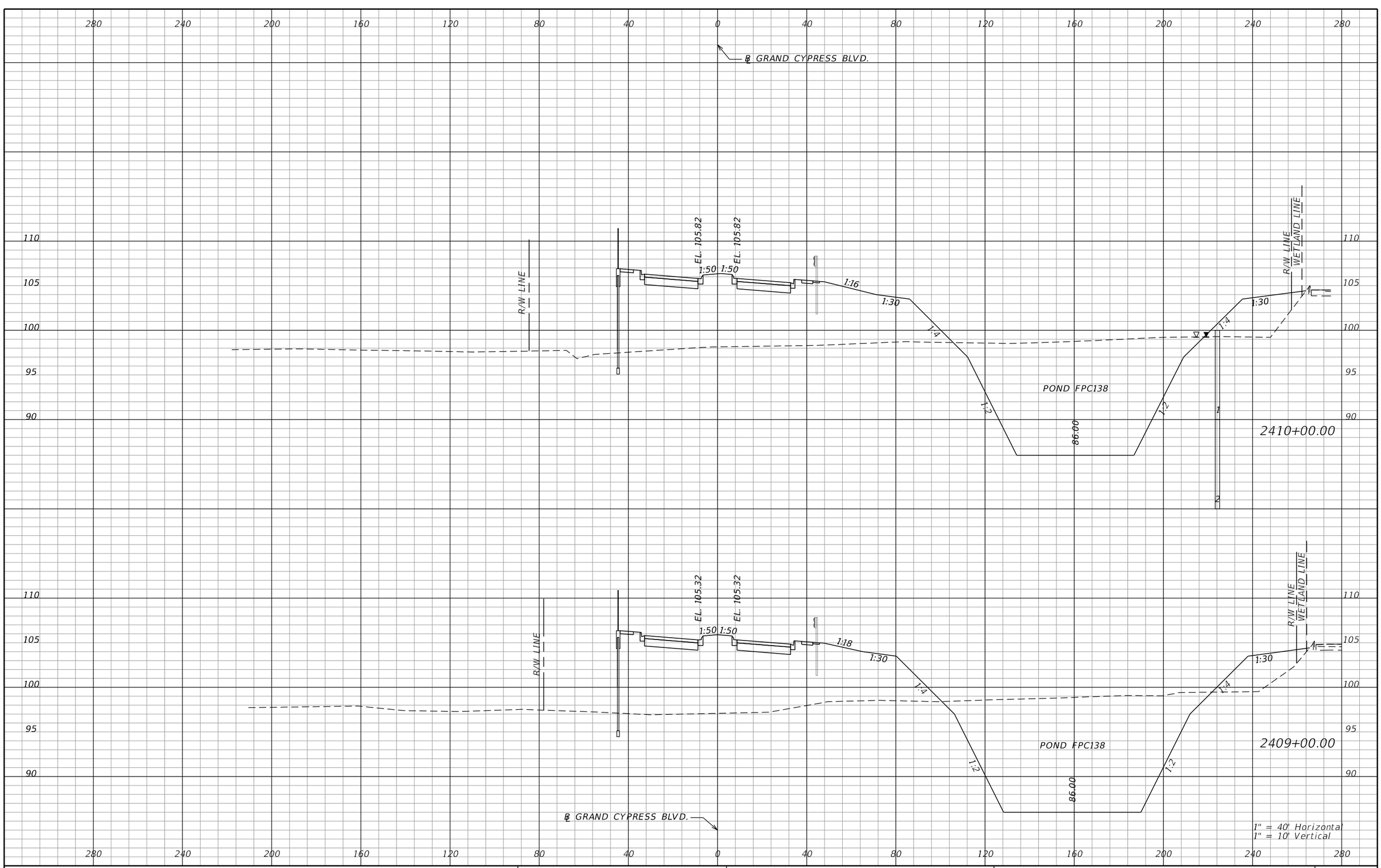

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

GRAND CYPRESS BLVD. CROSS SECTIONS

SHEET NO. 1230

PRELIMINARY: NOT FOR CONSTRUCTION

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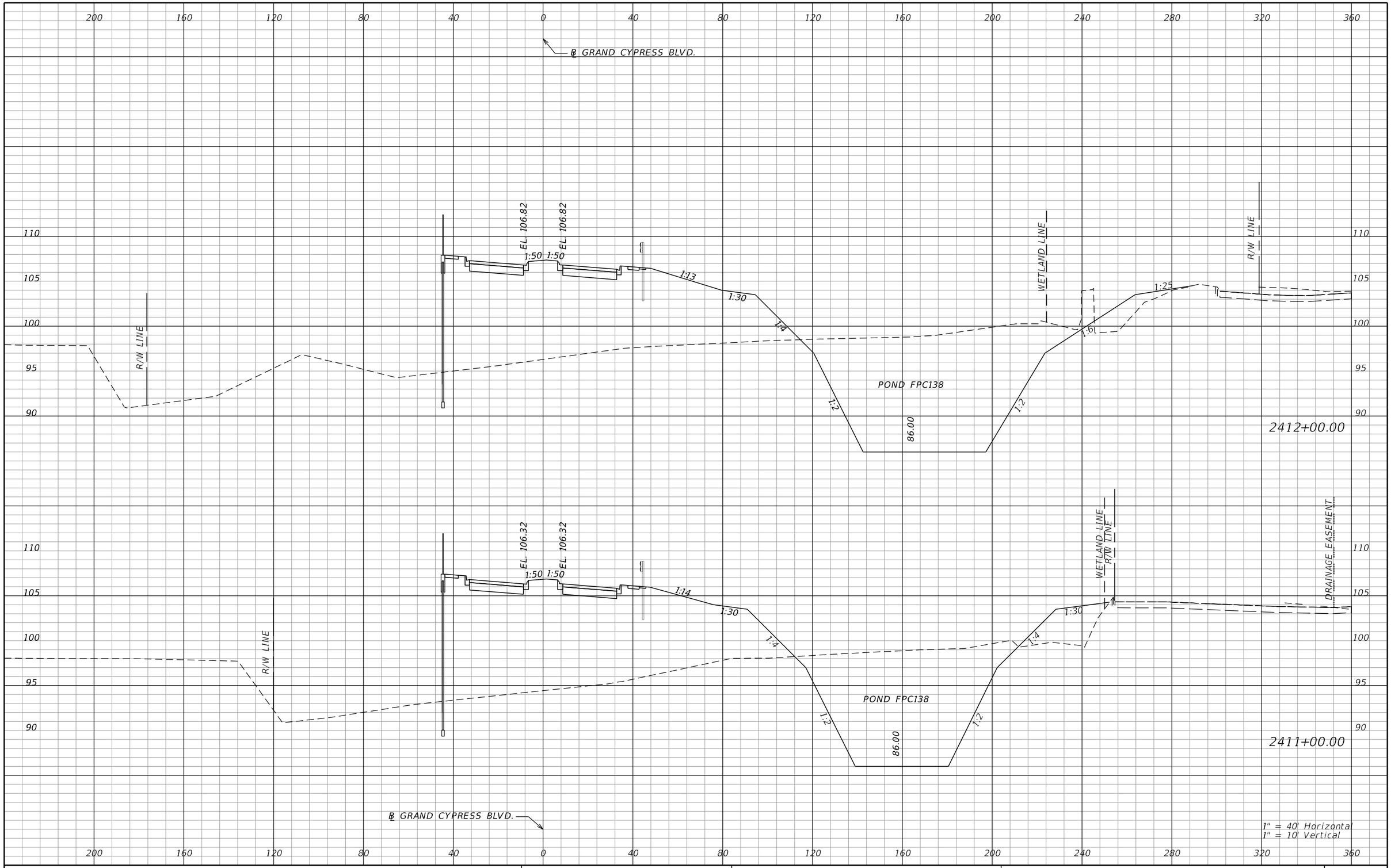

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

GRAND CYPRESS BLVD.
CROSS SECTIONS

SHEET NO. 1231

PRELIMINARY: NOT FOR CONSTRUCTION

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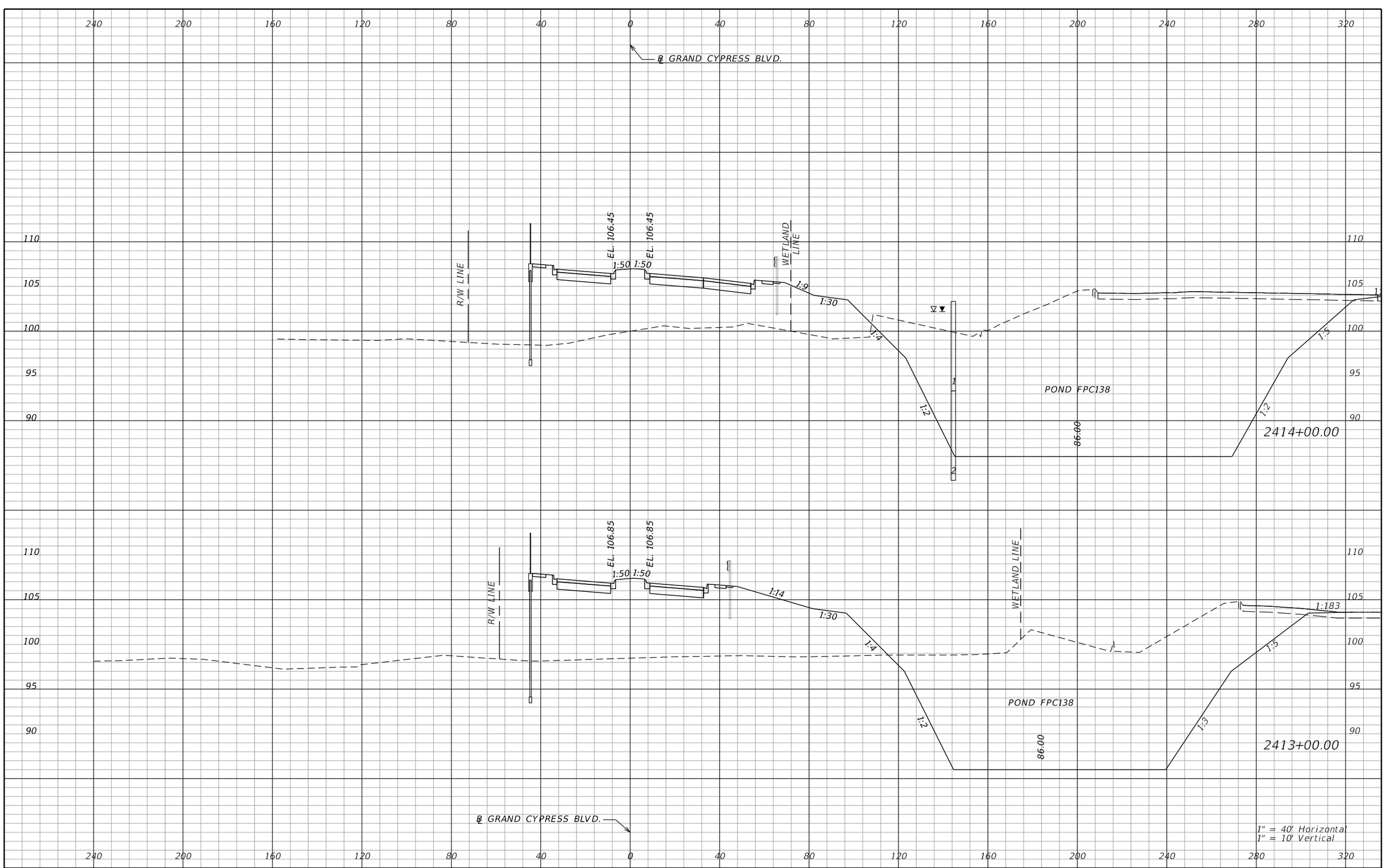

REVISIONS			
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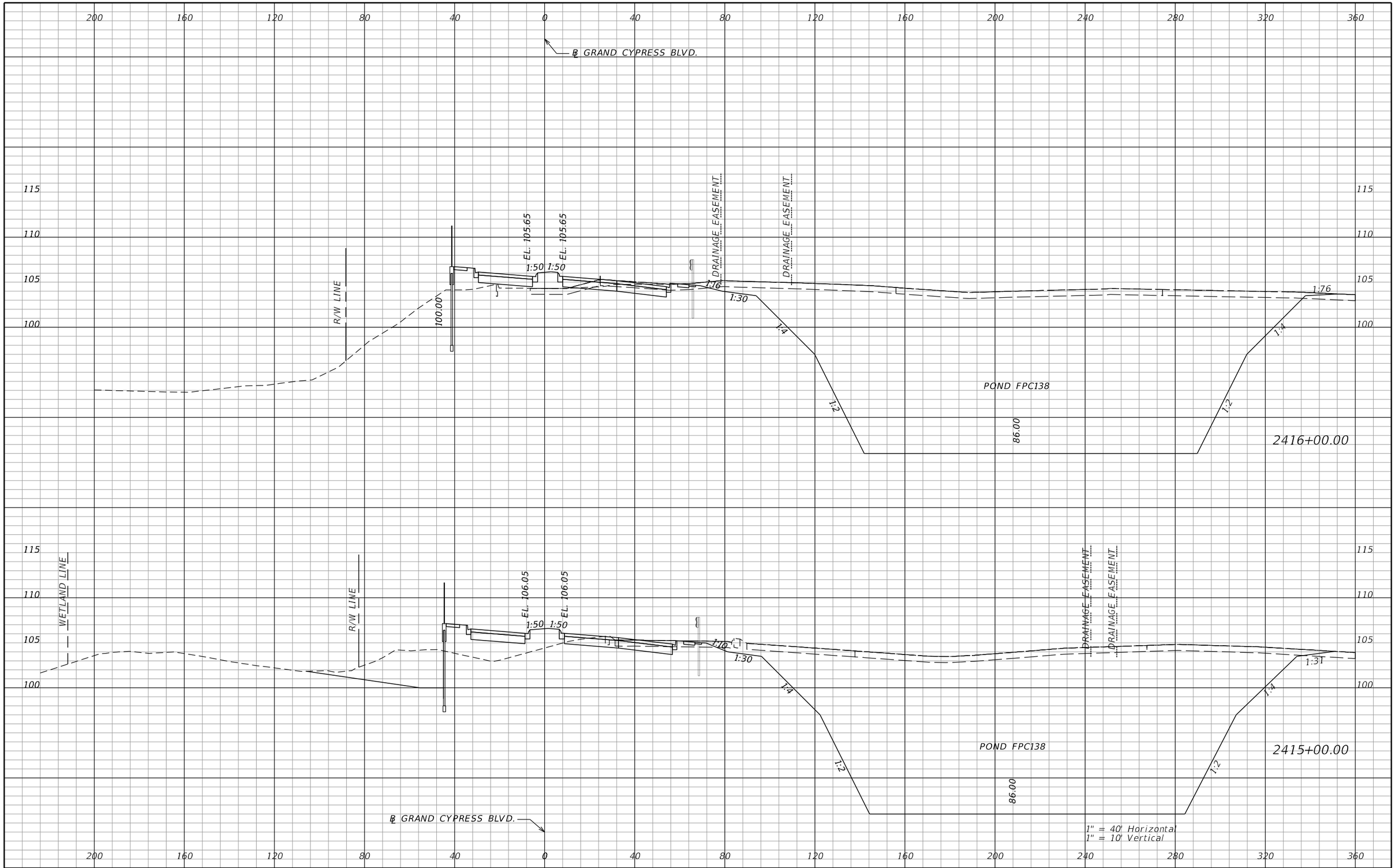
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

GRAND CYPRESS BLVD. CROSS SECTIONS

SHEET NO. 1232

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

GRAND CYPRESS BLVD. CROSS SECTIONS

SHEET NO. 1233

PRELIMINARY: NOT FOR CONSTRUCTION

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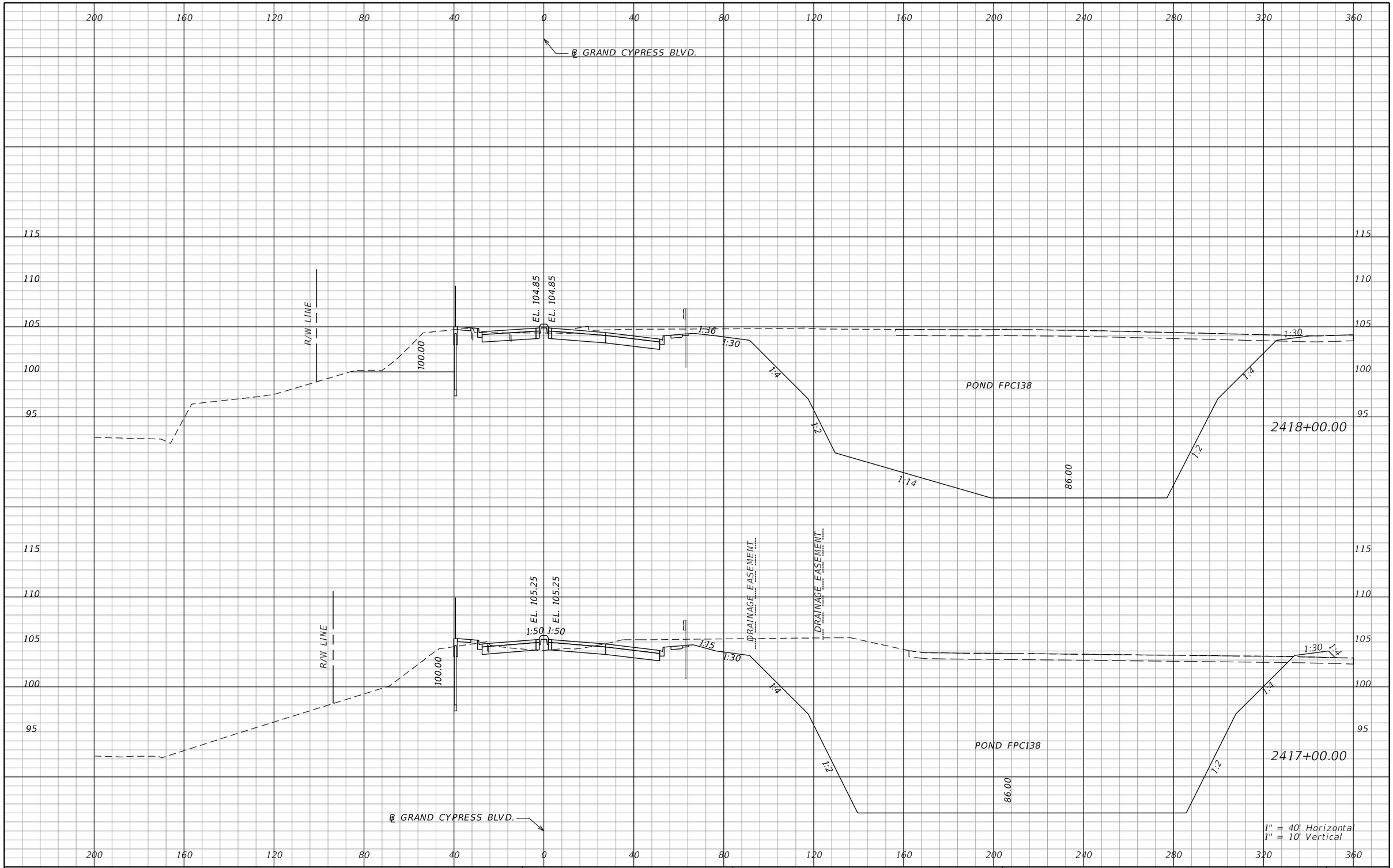

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

GRAND CYPRESS BLVD.
CROSS SECTIONS

SHEET NO.
1234

PRELIMINARY: NOT FOR CONSTRUCTION

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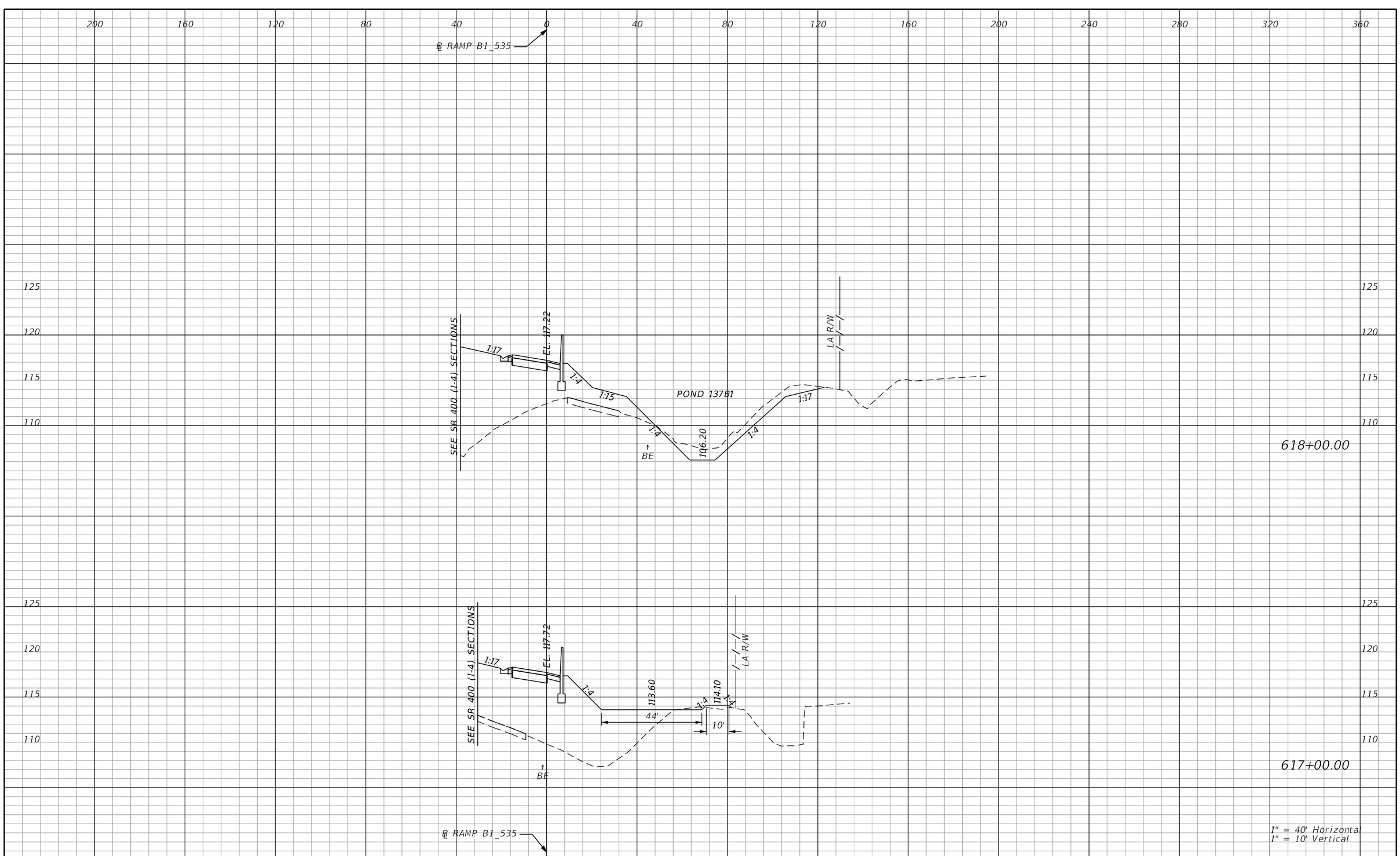

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_535
CROSS SECTIONS

SHEET NO. 1235

PRELIMINARY: NOT FOR CONSTRUCTION

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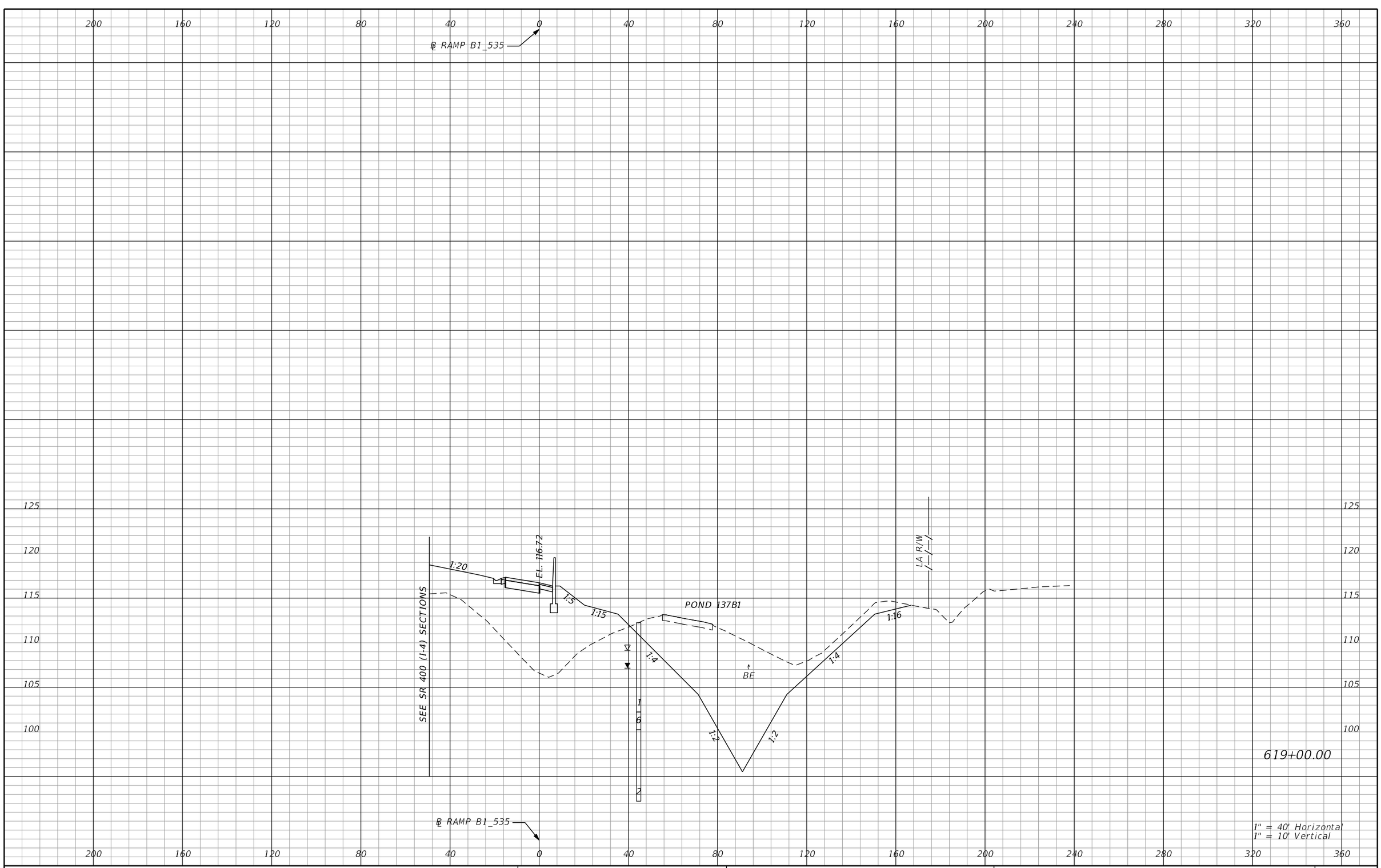

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_535
CROSS SECTIONS

SHEET NO. 1236

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℄ RAMP B1_535

POND 137B2

114.20'

7'

EL. 116.22

1:16

1:6

1:15

1:4

1:4

SEE SR 400 (I-4) SECTIONS

POND 137B1

1:3

93.20

1:2

1:4

1:16

LA R/W

BE

620+00.00

℄ RAMP B1_535

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_535
CROSS SECTIONS

SHEET NO. 1237

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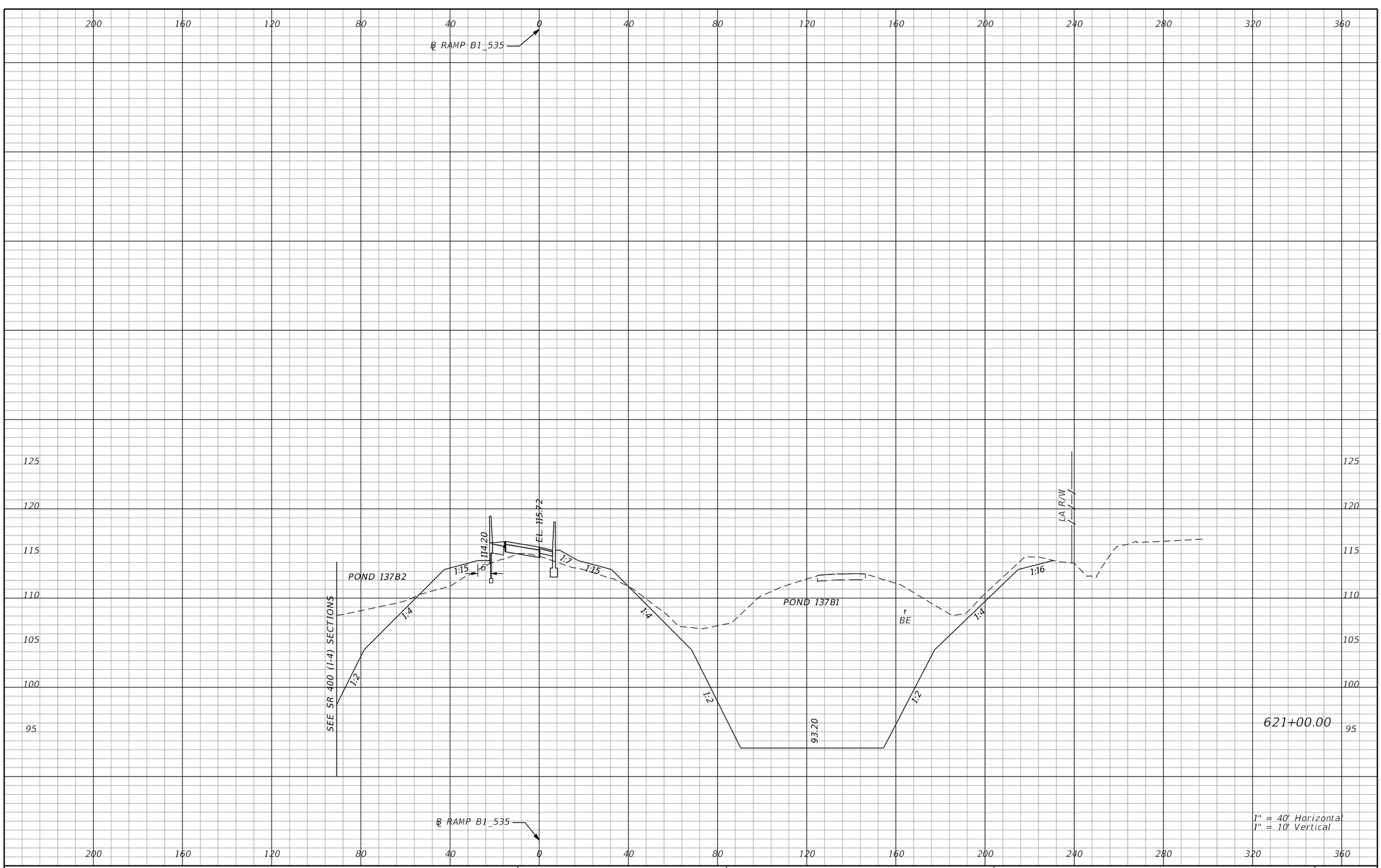

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_535
CROSS SECTIONS

SHEET NO. 1238

PRELIMINARY: NOT FOR CONSTRUCTION

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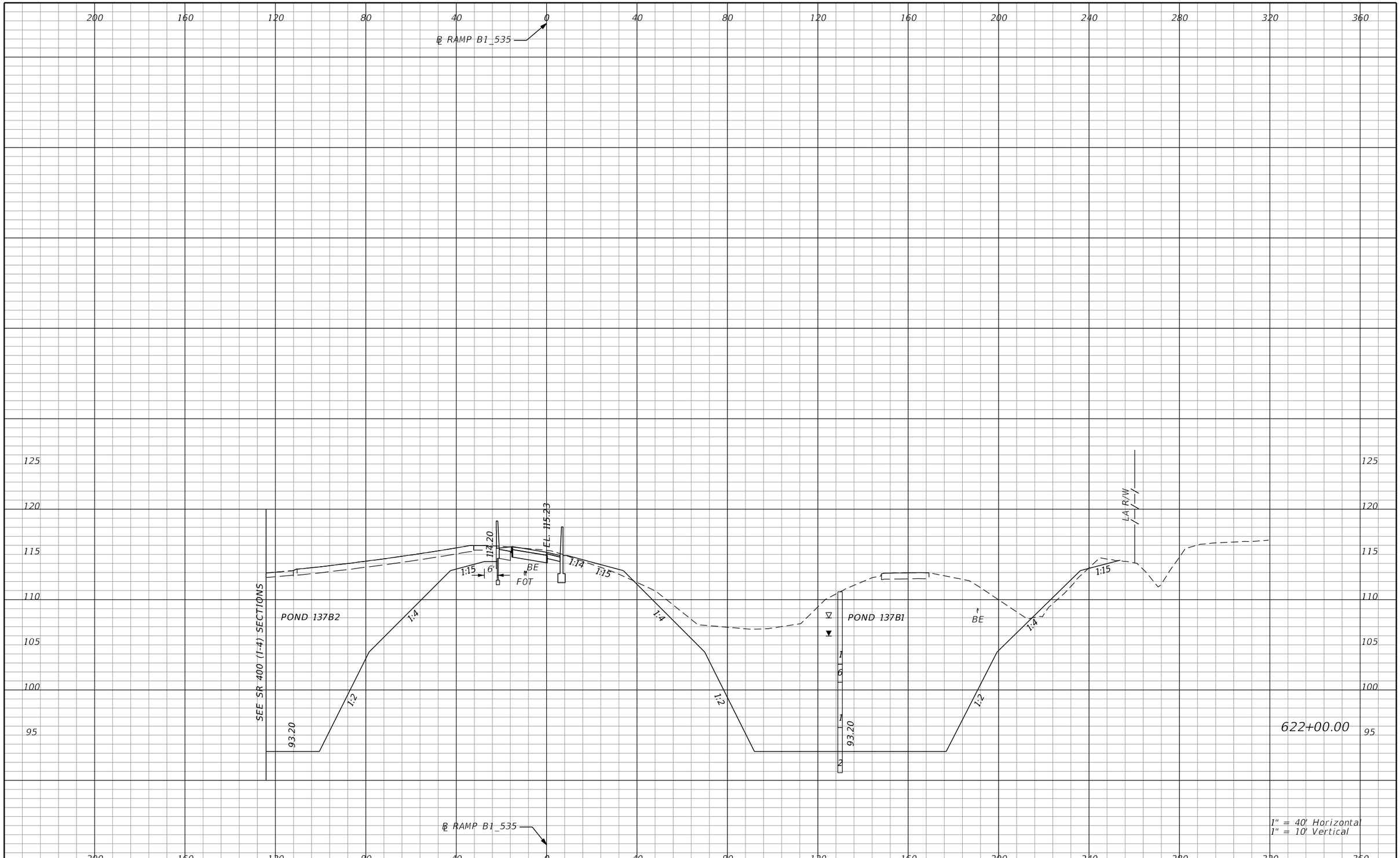

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_535 CROSS SECTIONS

SHEET NO.
1239

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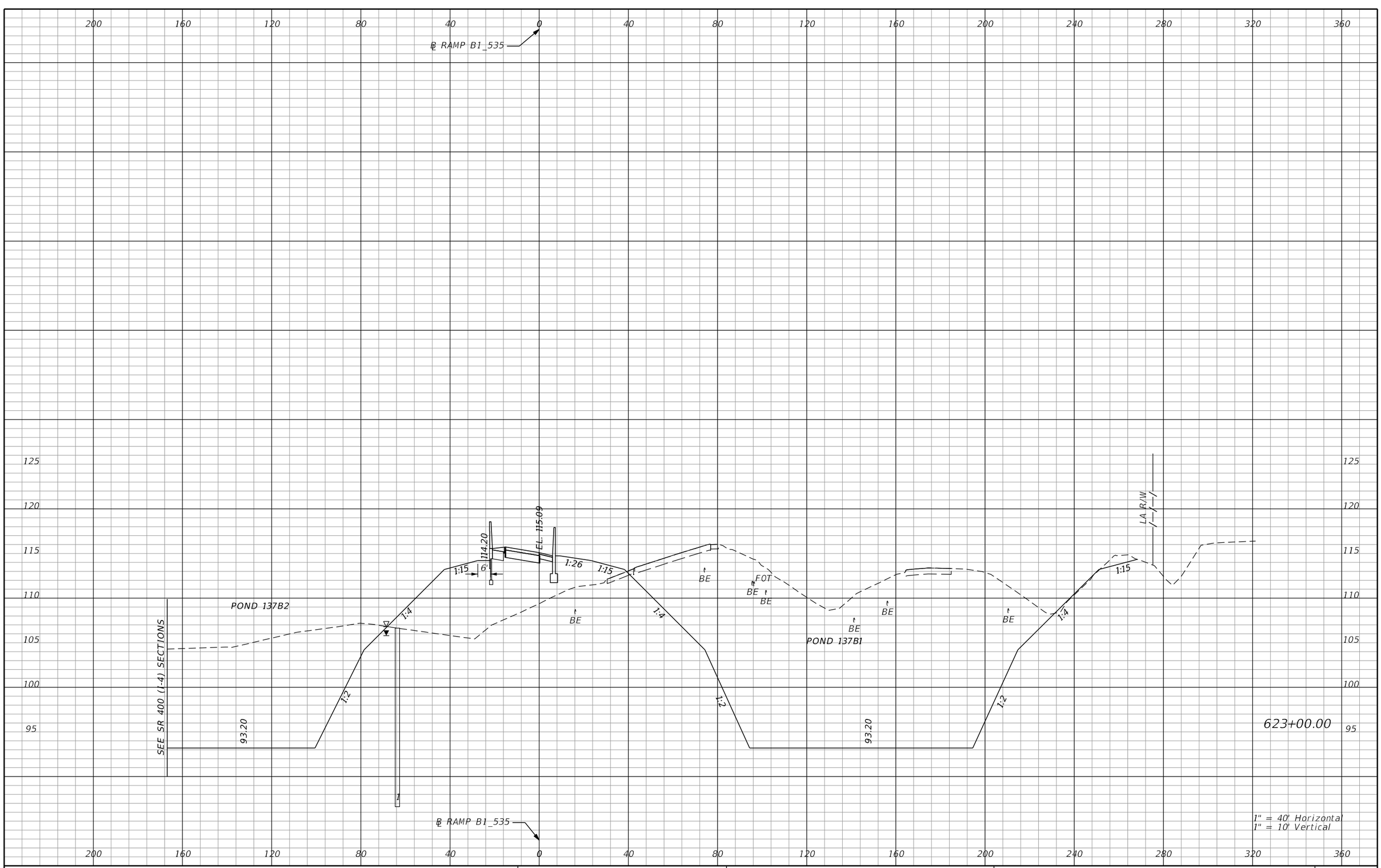

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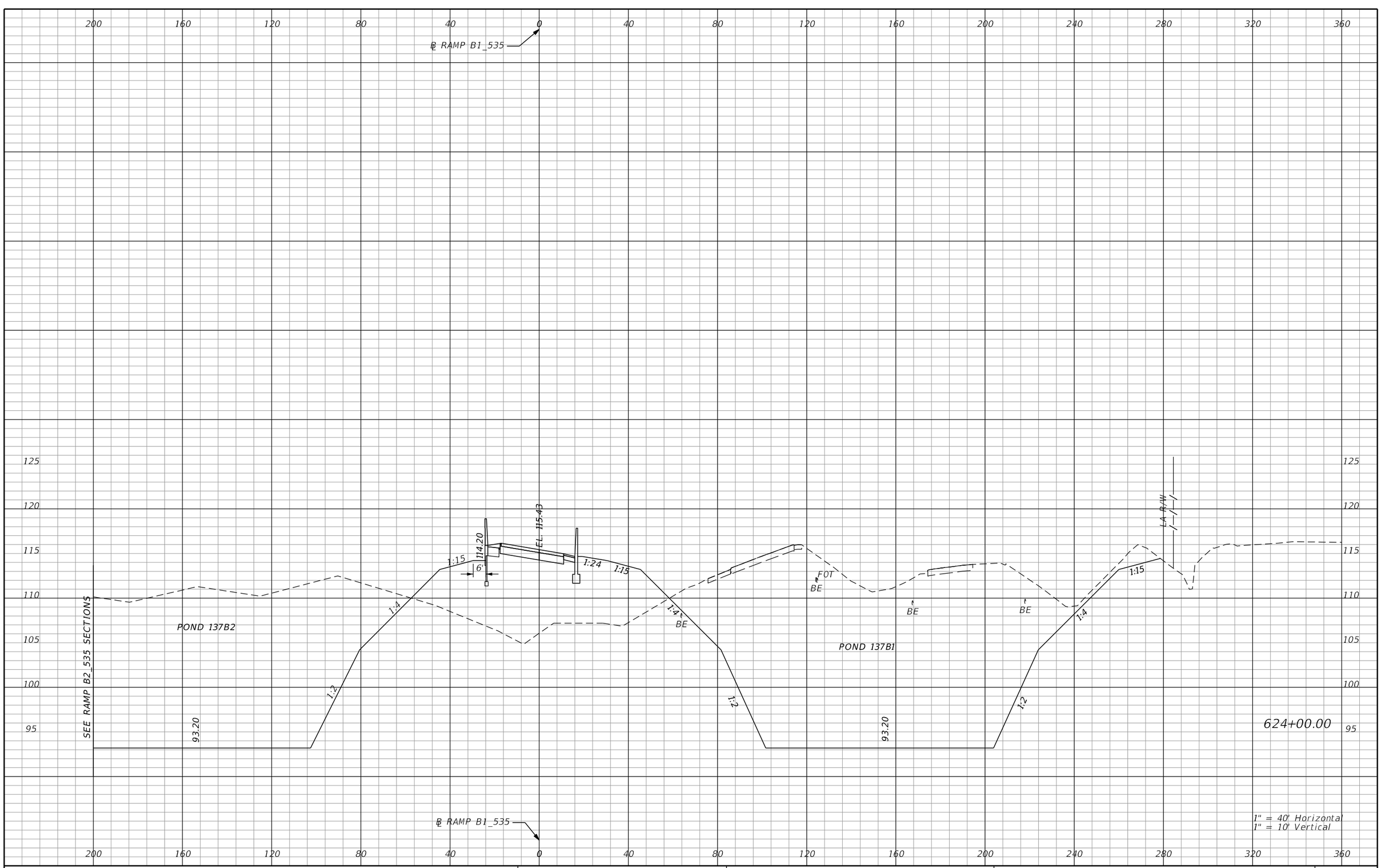
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_535
CROSS SECTIONS

SHEET NO. 1240



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_535
CROSS SECTIONS

SHEET NO. 1241

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ RAMP B1_535

SEE RAMP B2_535 SECTIONS

POND 137B2

93.20

1:2

1:4

1:15

6'

114.20

EL. 115.93

1:9

1:15

POND 137B1/POND 137C

FOT

BE

BE

BE

BE

BE

LA R/W

1:15

1:4

1

6

625+00.00

1" = 40' Horizontal
1" = 10' Vertical

℄ RAMP B1_535

200 160 120 80 40 0 40 80 120 160 200 240 280 320 360

125 120 115 110 105 100 95

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_535
CROSS SECTIONS

SHEET NO. 1242

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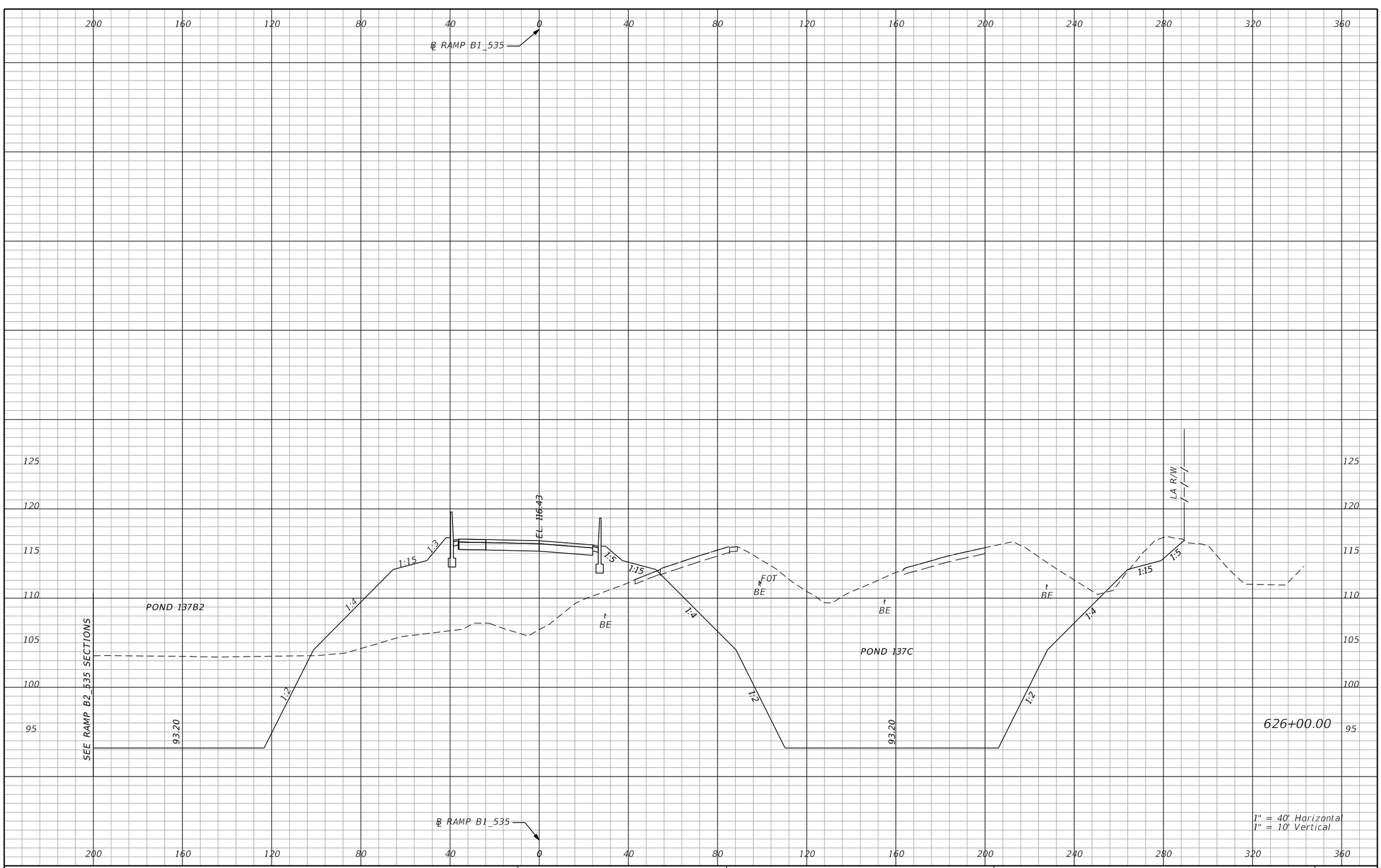

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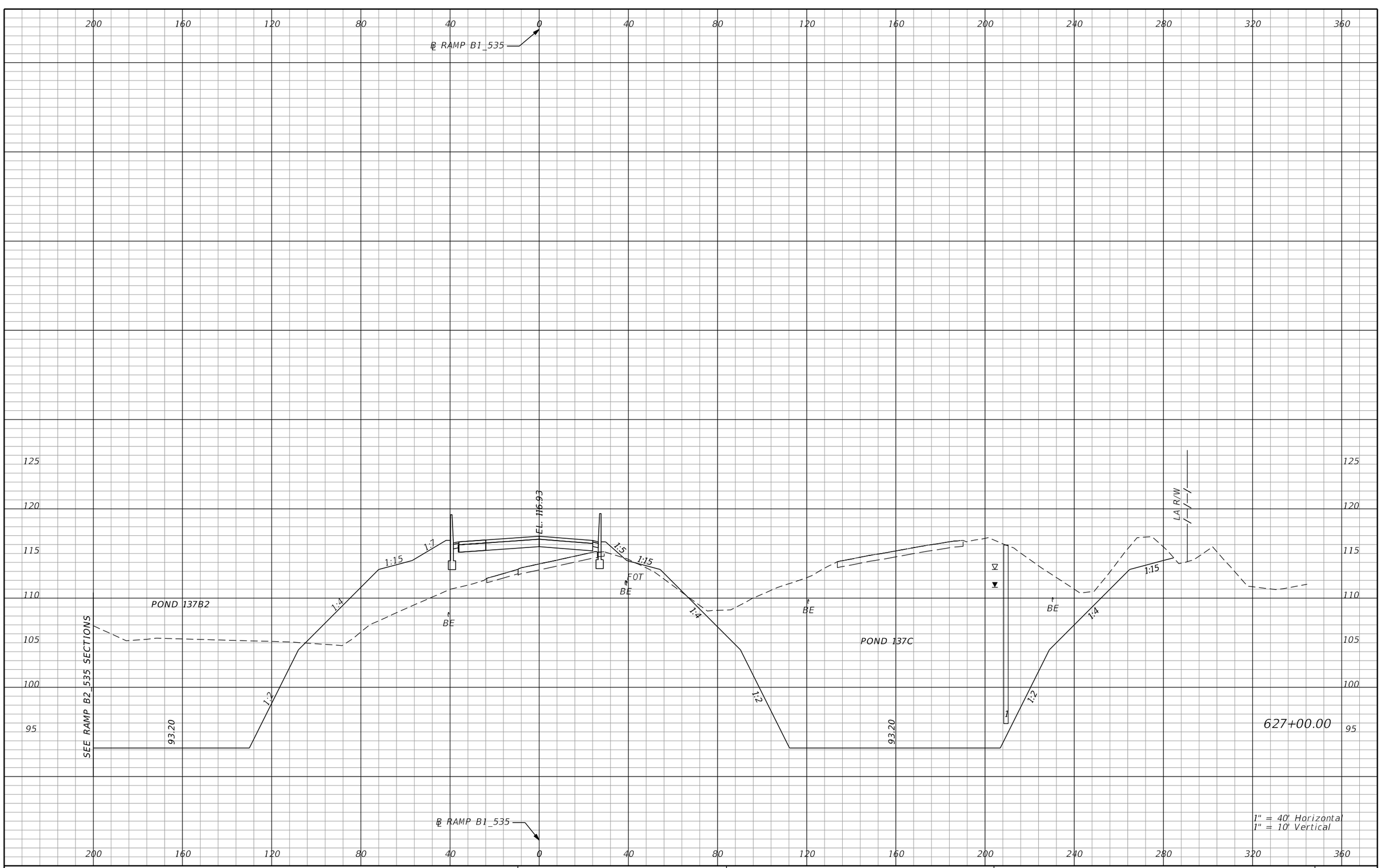
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_535 CROSS SECTIONS

SHEET NO. 1243

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B1_535 CROSS SECTIONS

SHEET NO. 1244

PRELIMINARY: NOT FOR CONSTRUCTION

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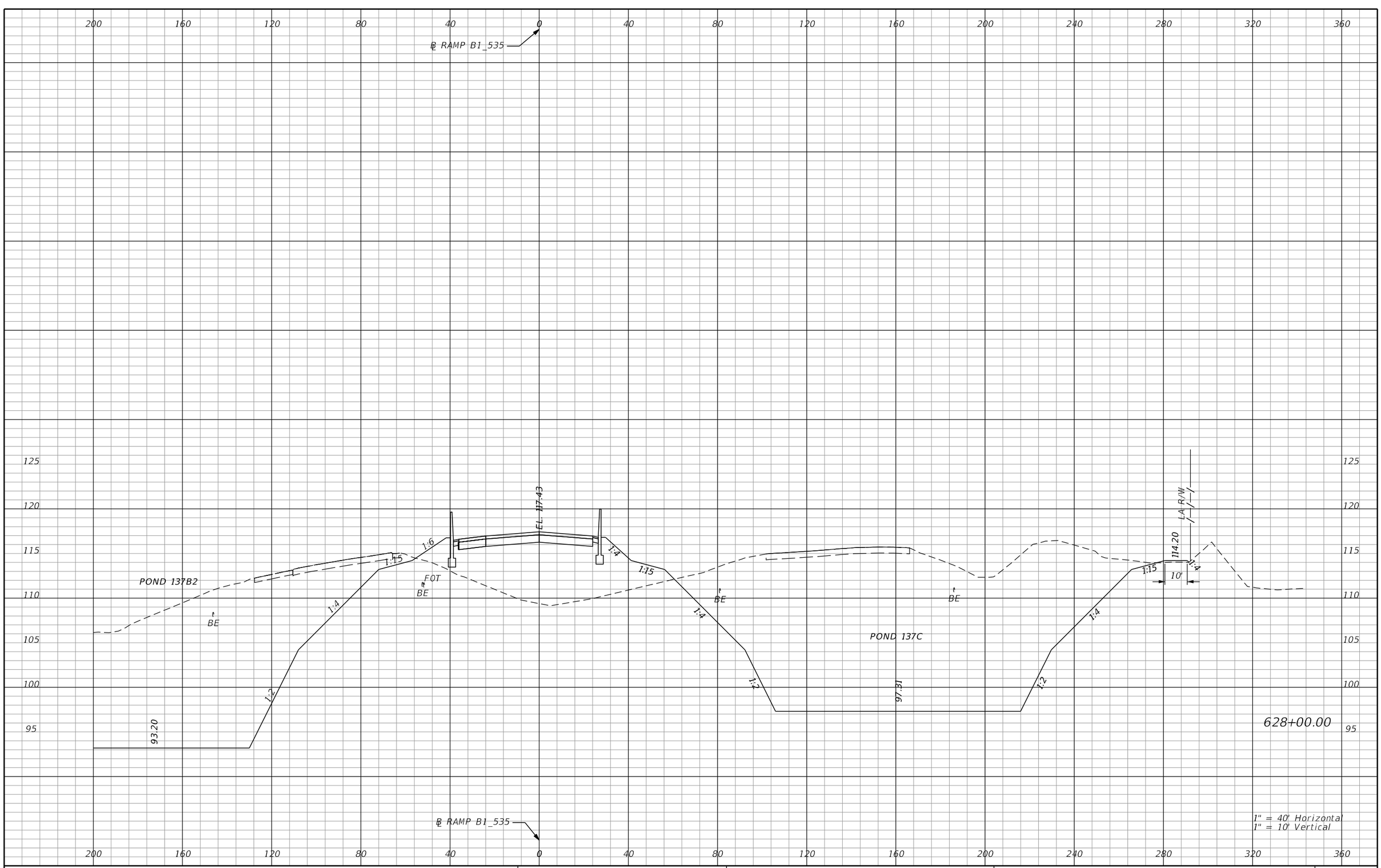

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SR 400	ORANGE	242484-8-52-01

RAMP B1_535
CROSS SECTIONS

SHEET NO. 1245

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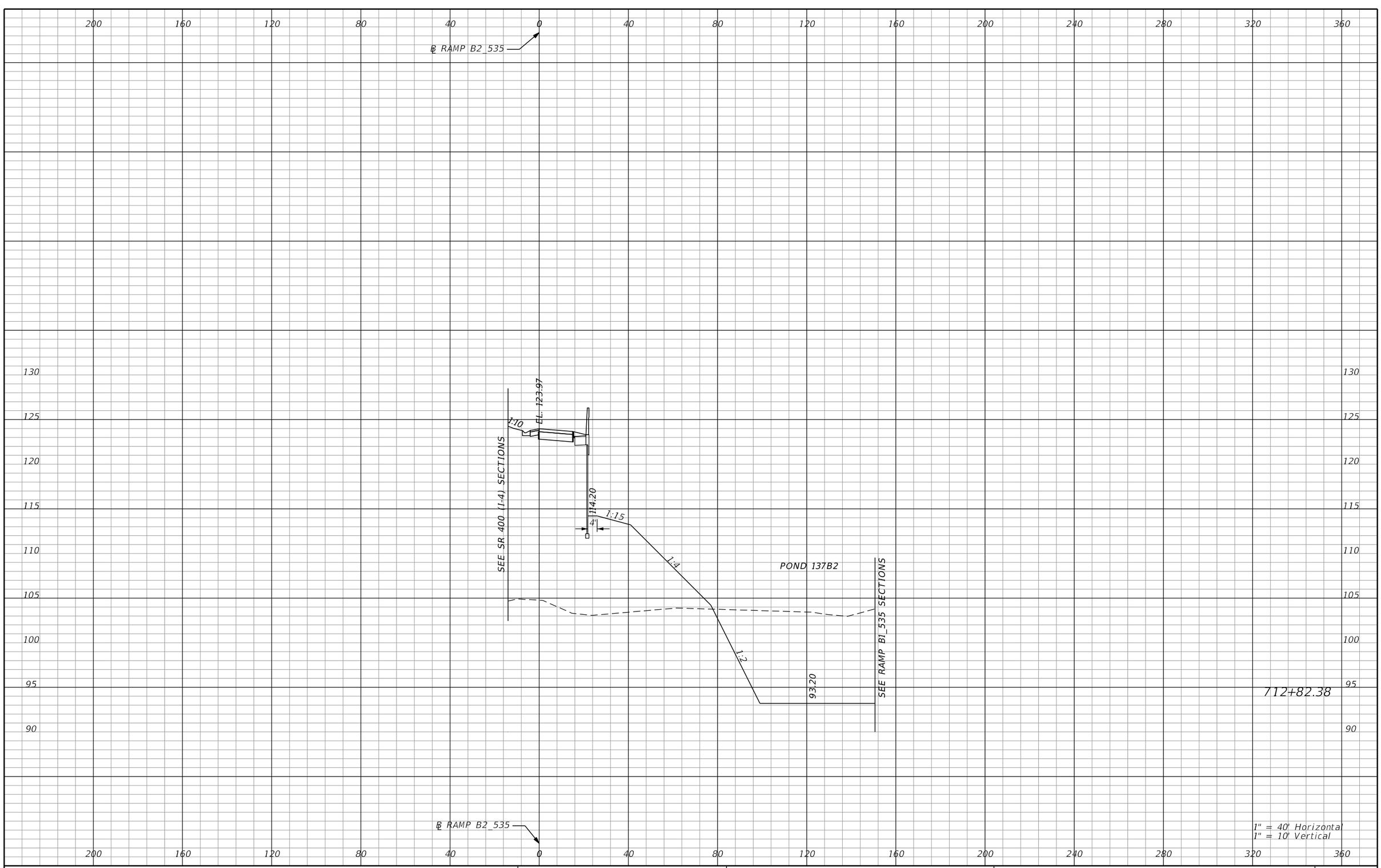

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SR 400	ORANGE	242484-8-52-01

RAMP B2_535
CROSS SECTIONS

SHEET NO. 1246

PRELIMINARY: NOT FOR CONSTRUCTION

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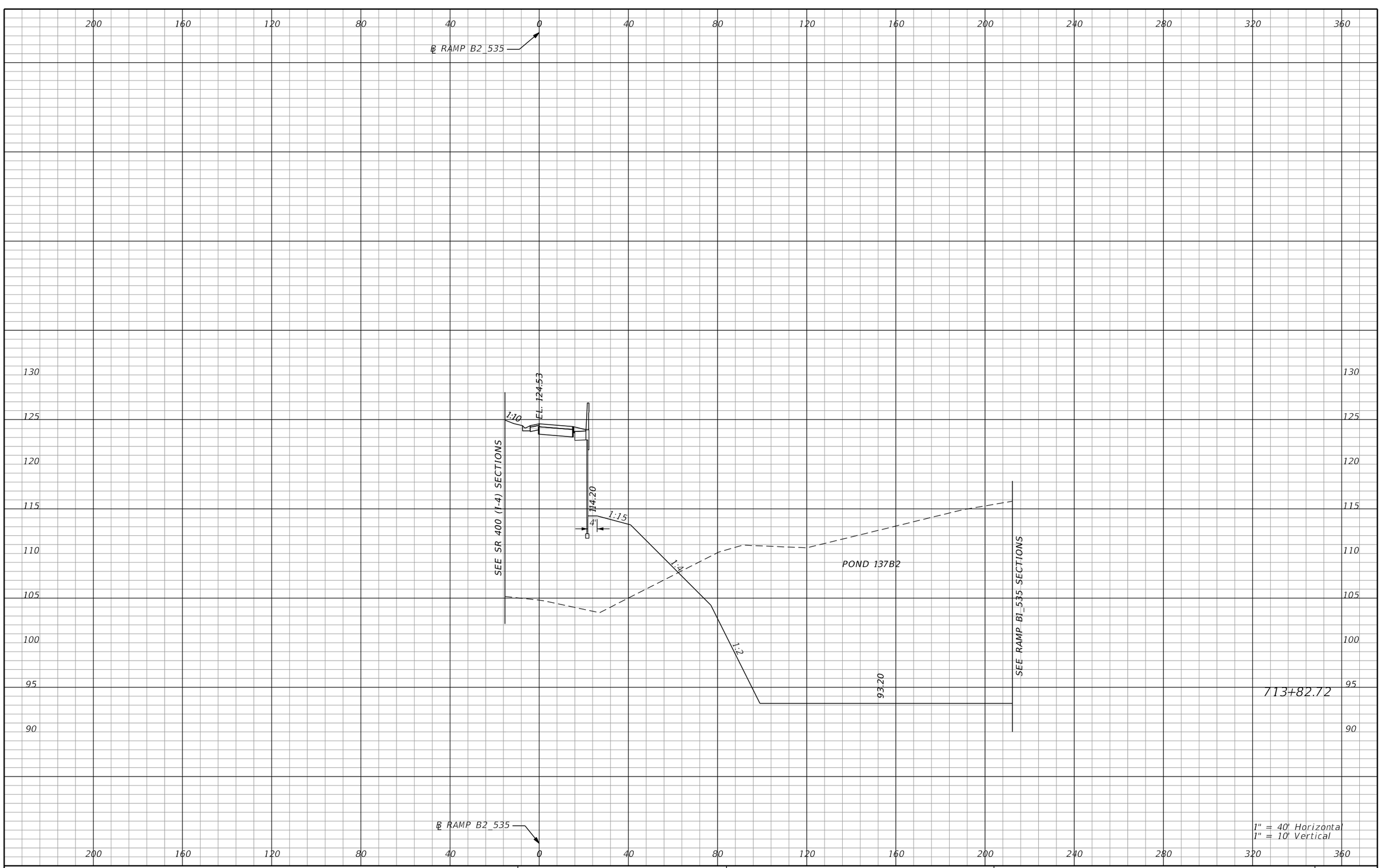

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B2_535 CROSS SECTIONS

SHEET NO. 1247

PRELIMINARY: NOT FOR CONSTRUCTION

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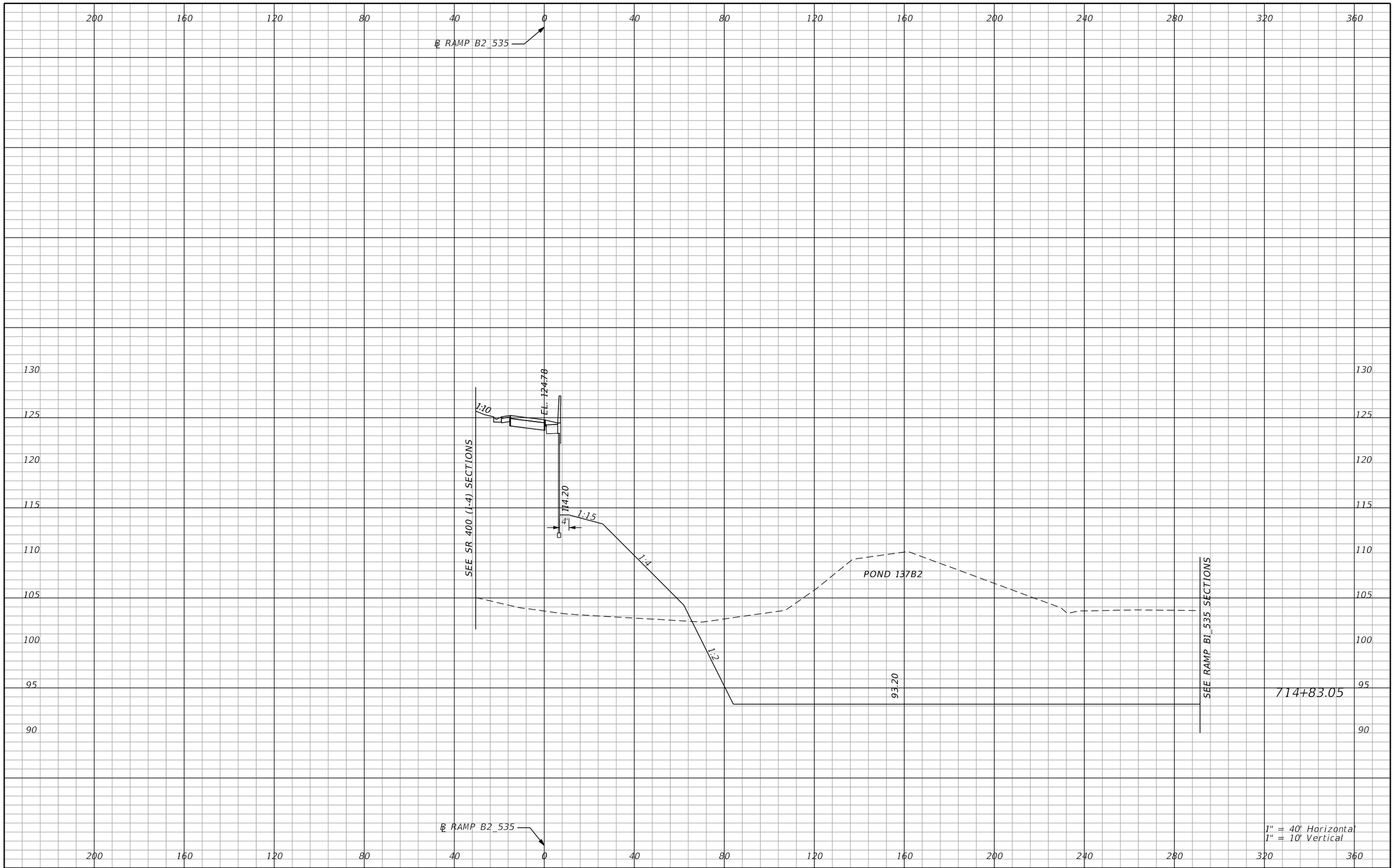

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SR 400	ORANGE	242484-8-52-01

RAMP B2_535 CROSS SECTIONS

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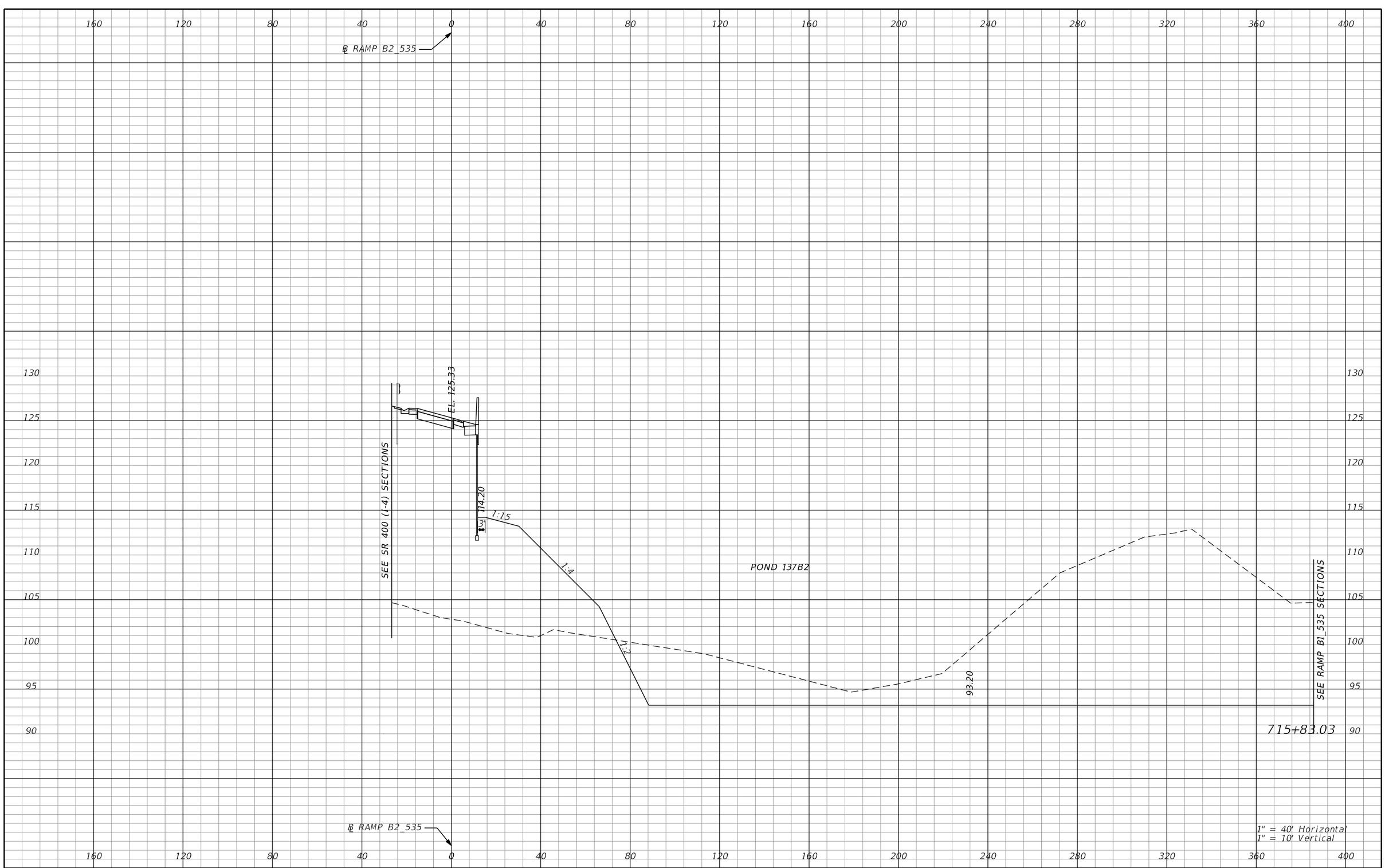
PRELIMINARY: NOT FOR CONSTRUCTION



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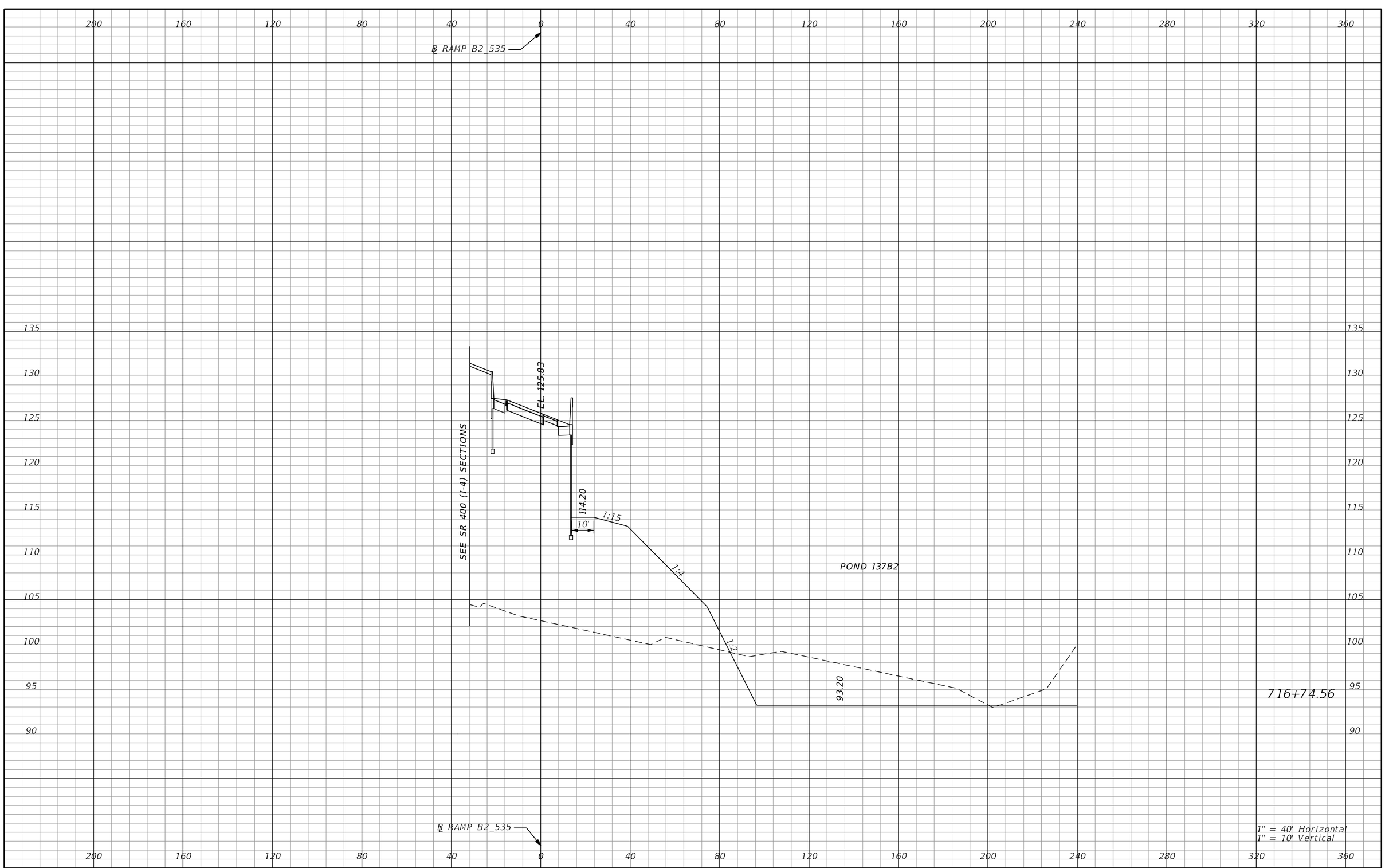
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B2_535 CROSS SECTIONS

SHEET NO. 1249

PRELIMINARY: NOT FOR CONSTRUCTION



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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B2_535
CROSS SECTIONS

SHEET NO. 1250

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ RAMP B2 535

EL. 126.28

1:10

SEE SR 400 (1-4) SECTIONS

14.20

17'

1:15

1:4

1:2

POND 137B2

93.20

717+57.42

℄ RAMP B2 535

1" = 40' Horizontal
1" = 10' Vertical

200 160 120 80 40 0 40 80 120 160 200 240 280 320 360

135 130 125 120 115 110 105 100 95 90

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B2_535
CROSS SECTIONS

SHEET NO. 1251

PRELIMINARY: NOT FOR CONSTRUCTION

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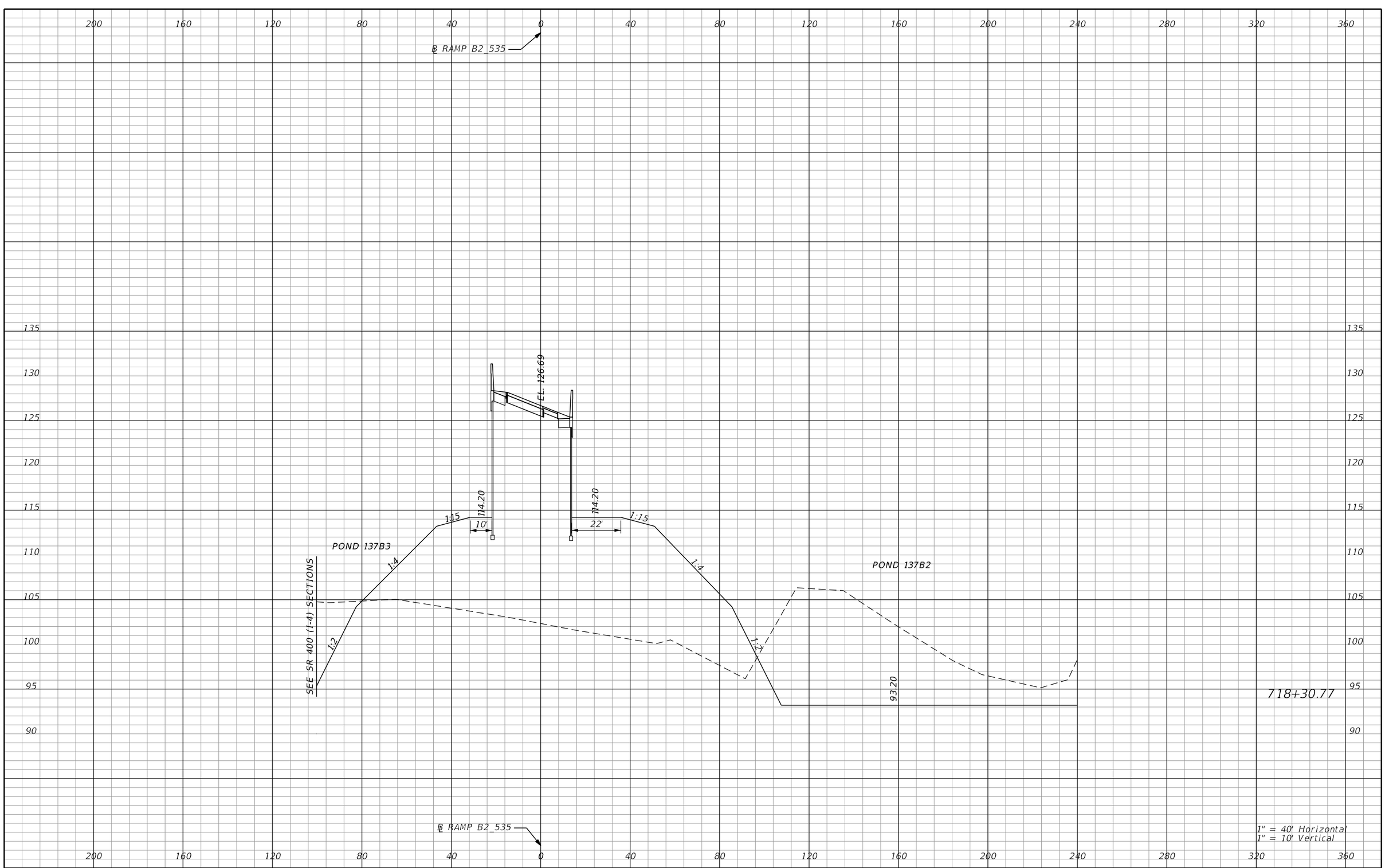

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B2_535
CROSS SECTIONS

SHEET NO. 1252

PRELIMINARY: NOT FOR CONSTRUCTION

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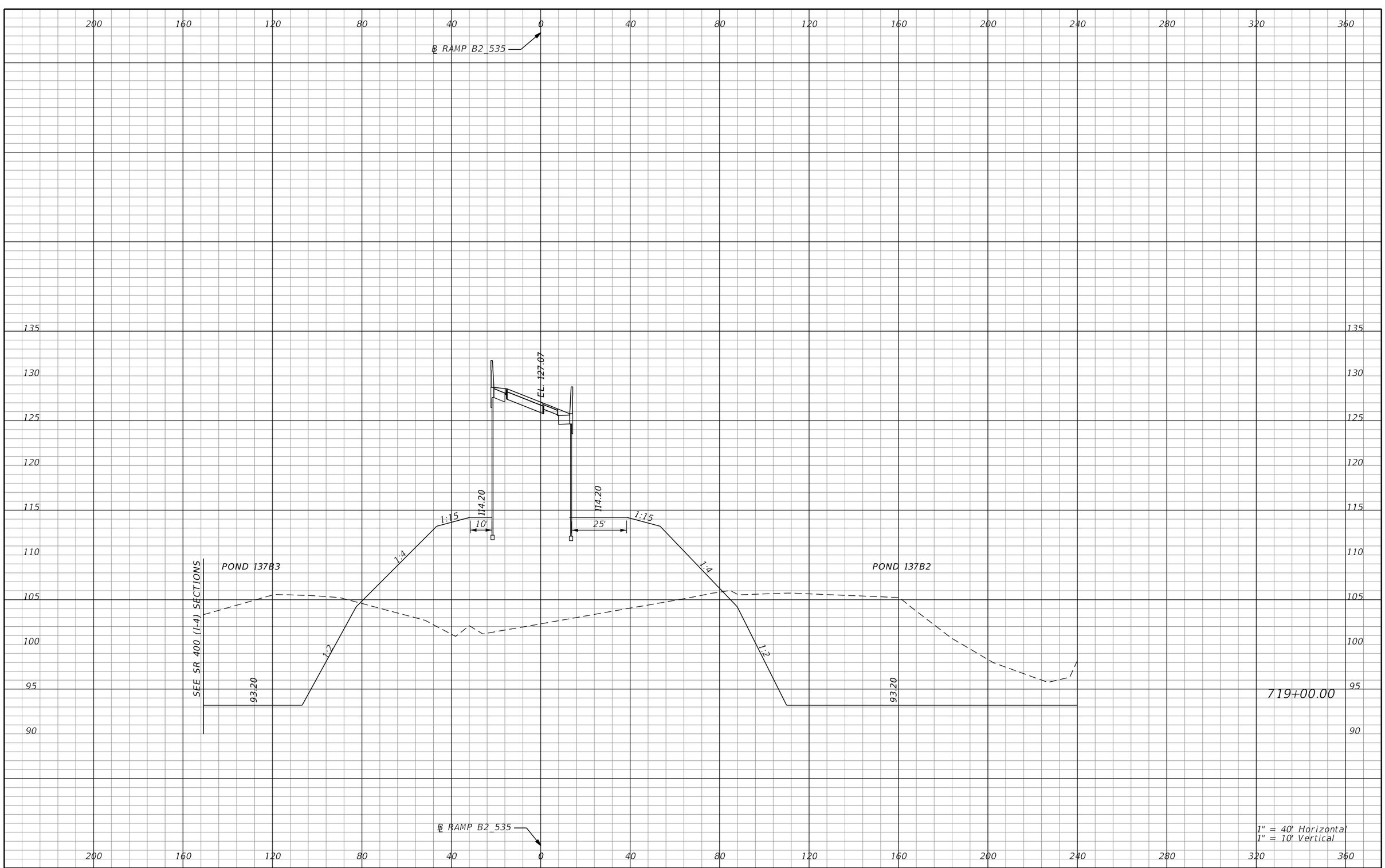

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SR 400	ORANGE	242484-8-52-01

RAMP B2_535 CROSS SECTIONS

SHEET NO. 1253

PRELIMINARY: NOT FOR CONSTRUCTION

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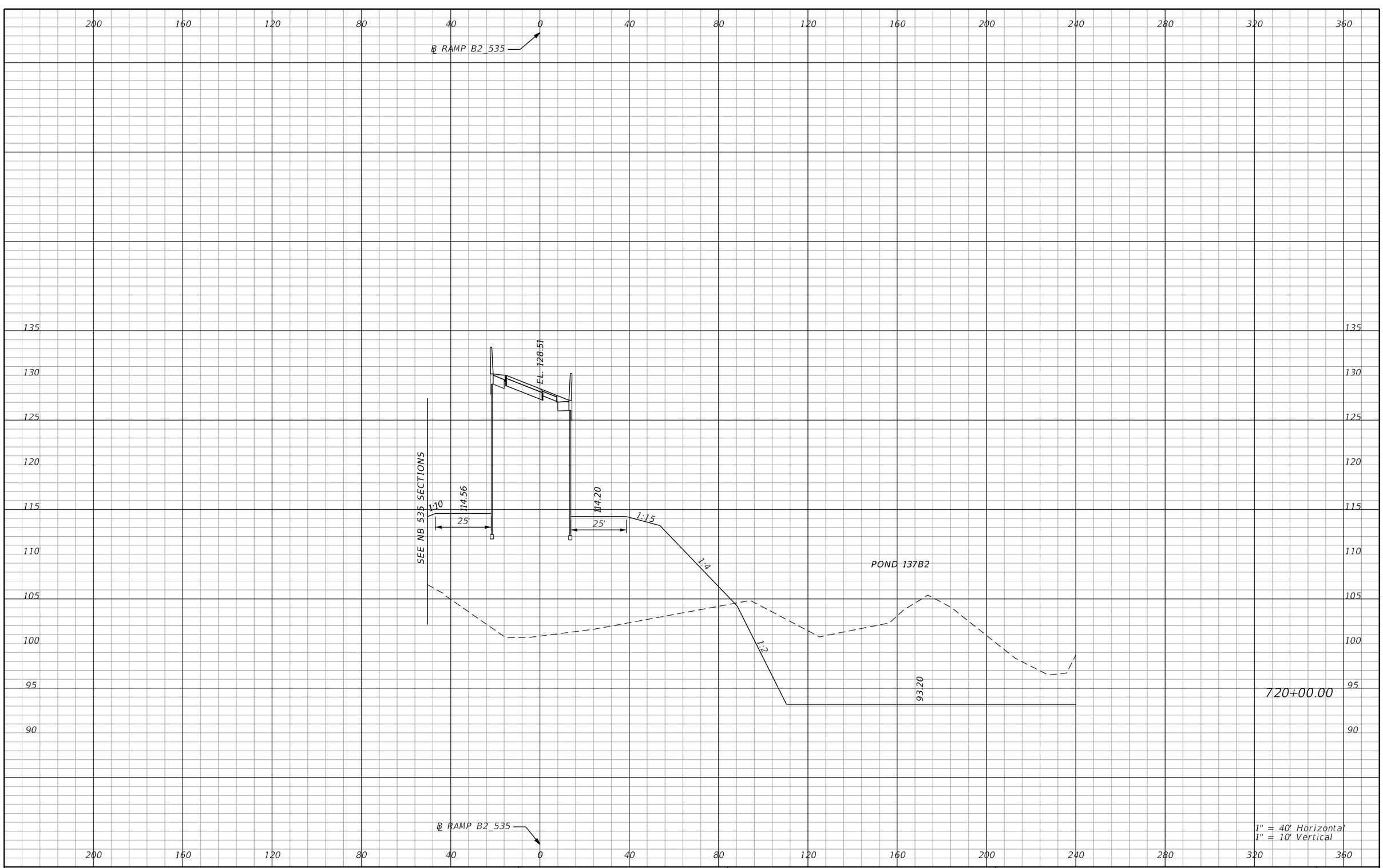

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B2_535
CROSS SECTIONS

SHEET NO. 1254

PRELIMINARY: NOT FOR CONSTRUCTION

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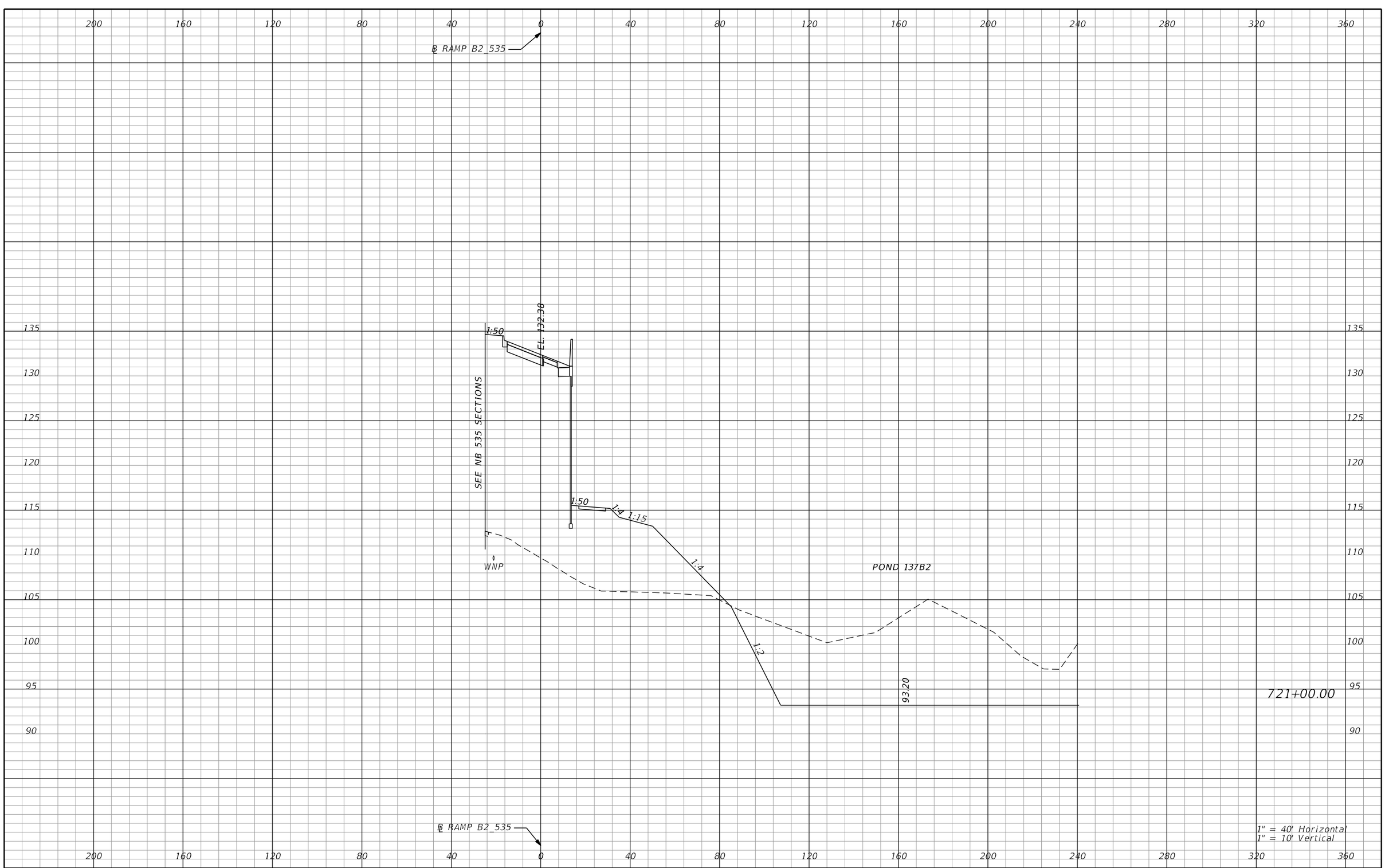

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP B2_535
CROSS SECTIONS

SHEET NO. 1255

PRELIMINARY: NOT FOR CONSTRUCTION

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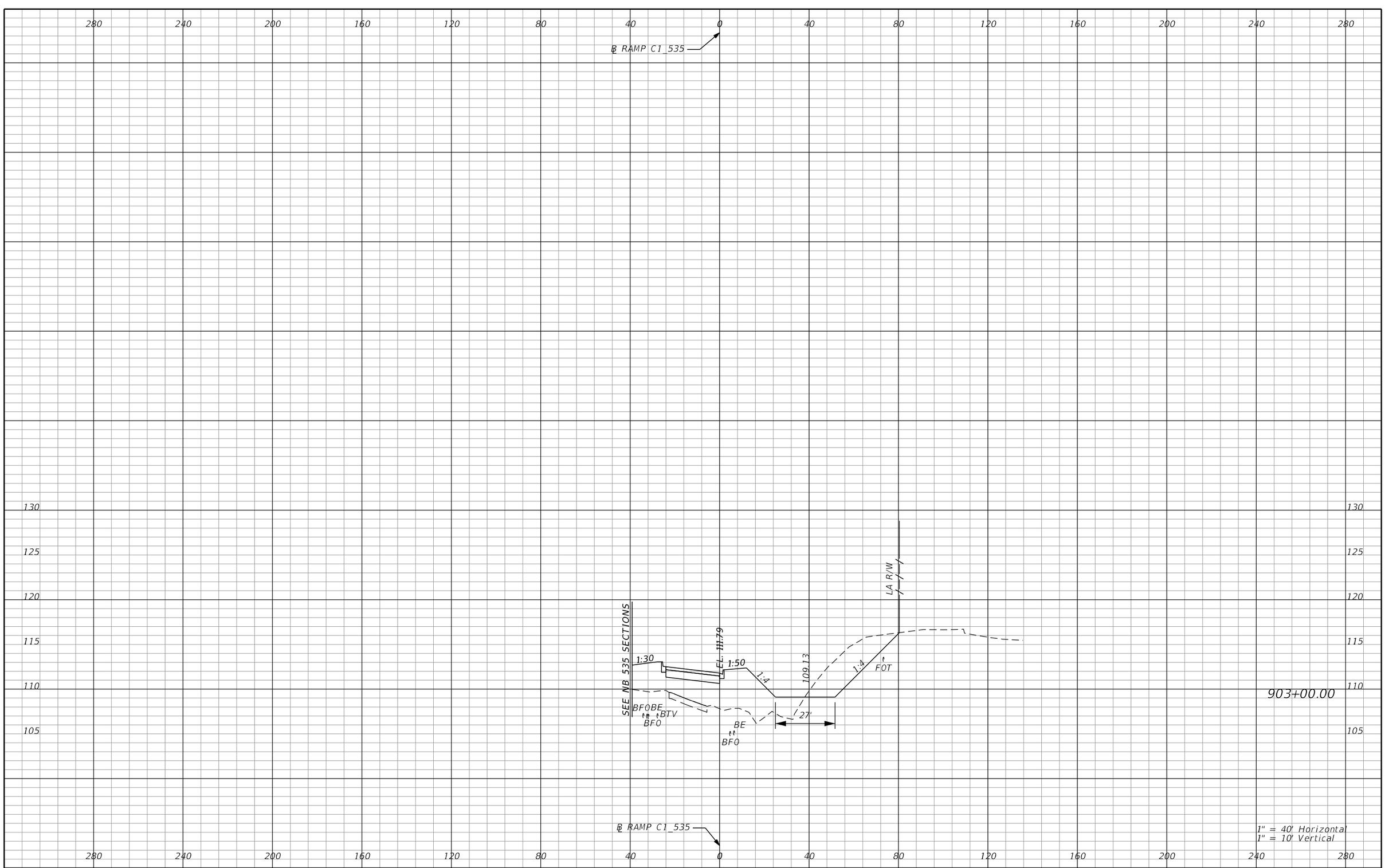

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C1_535 CROSS SECTIONS

SHEET NO. 1256

PRELIMINARY: NOT FOR CONSTRUCTION

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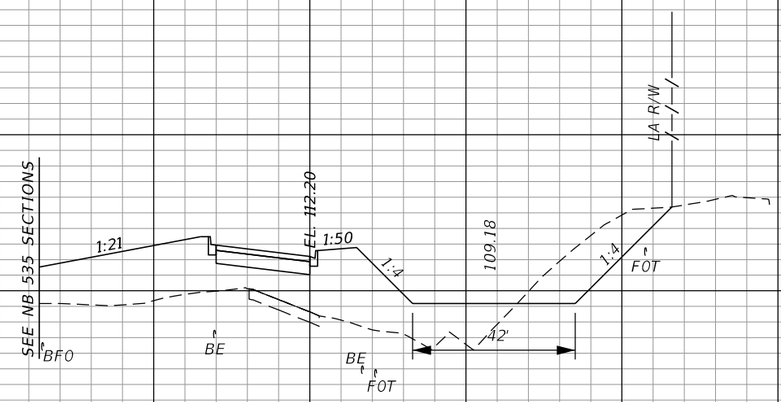
℄ RAMP C1_535

130 125 120 115 110 105



904+00.00

℄ RAMP C1_535

1" = 40' Horizontal
1" = 10' Vertical

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SR 400	ORANGE	242484-8-52-01

RAMP C1_535 CROSS SECTIONS

SHEET NO. 1257

PRELIMINARY: NOT FOR CONSTRUCTION

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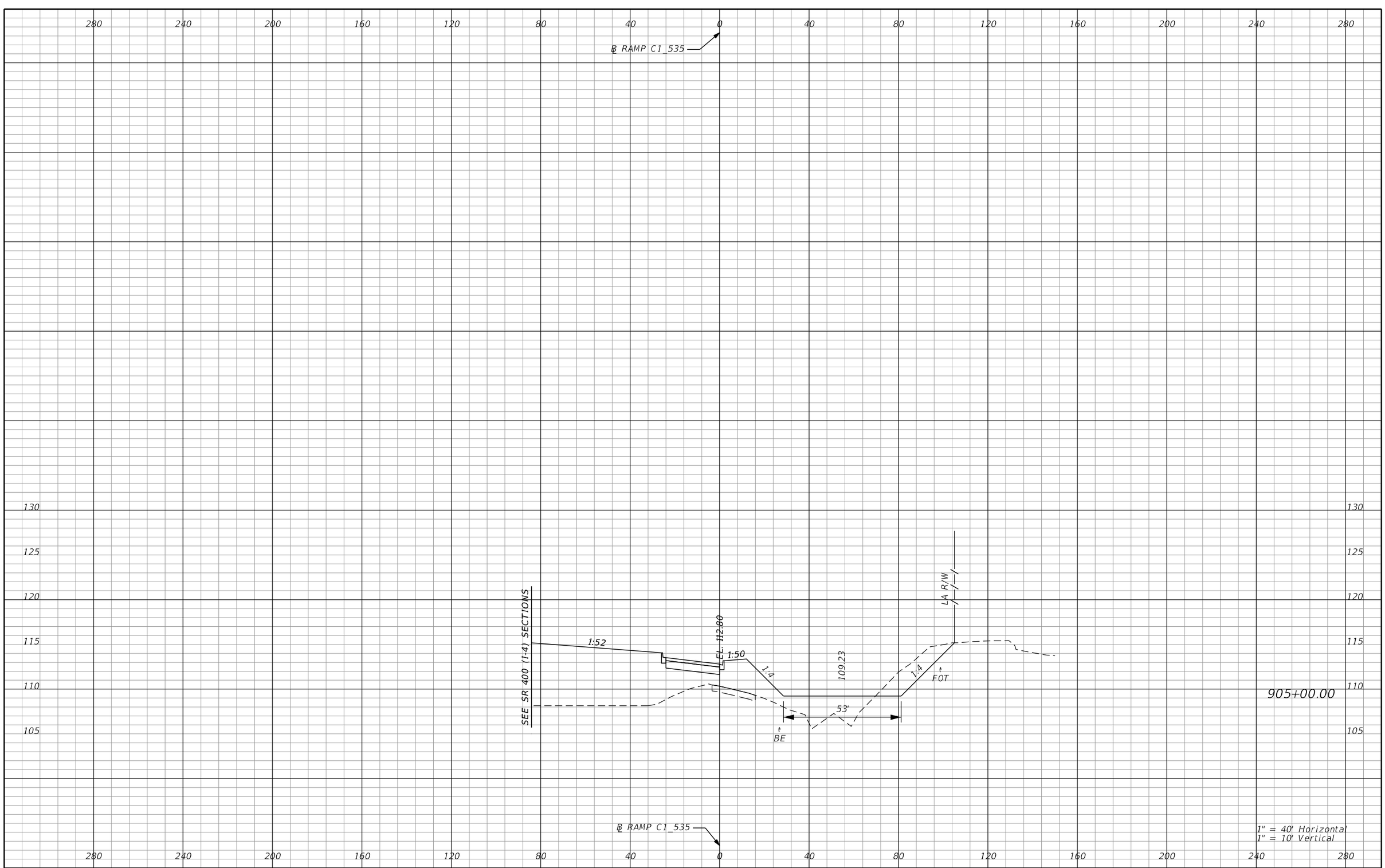

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RAMP C1_535 CROSS SECTIONS

SHEET NO. 1258

PRELIMINARY: NOT FOR CONSTRUCTION

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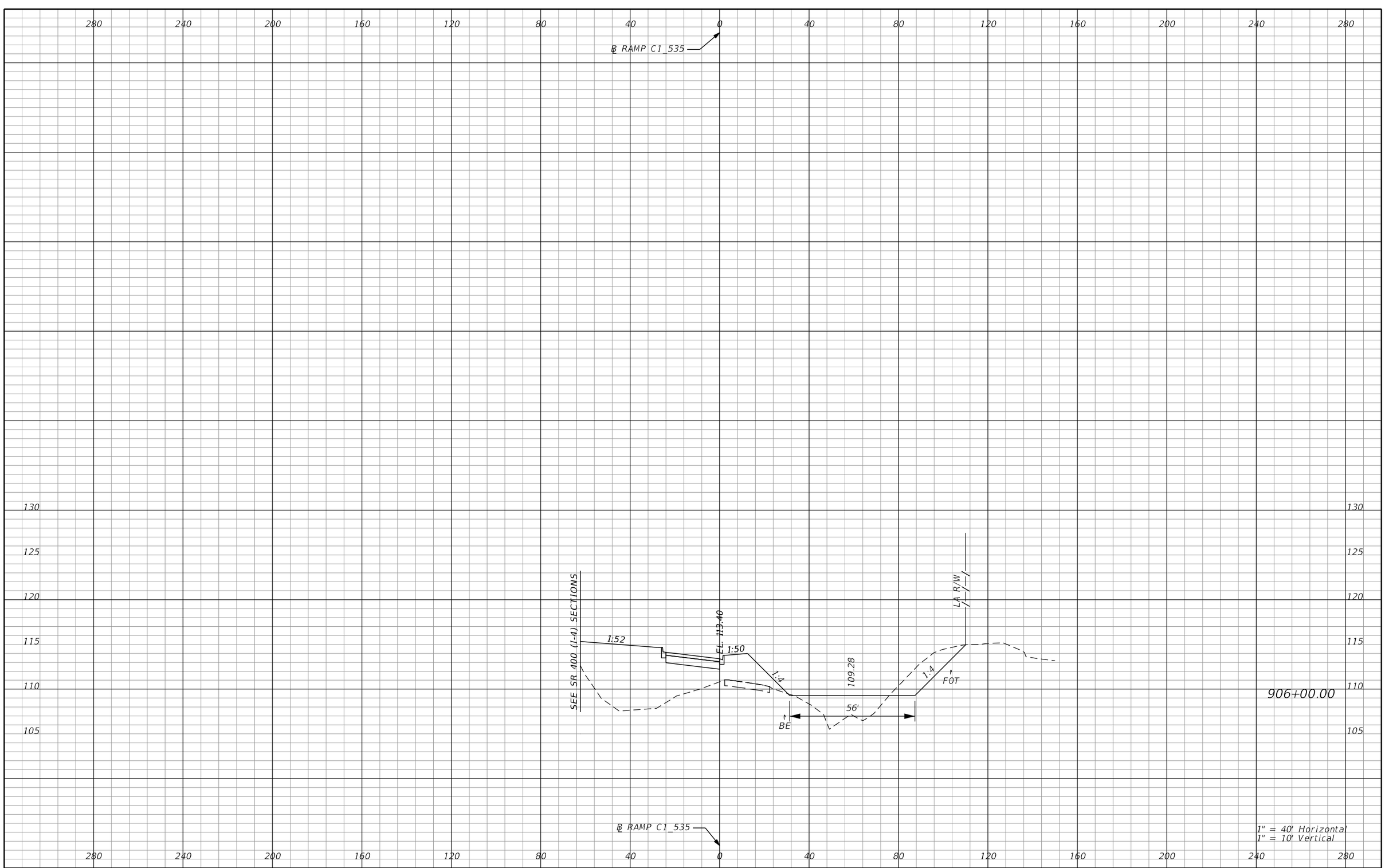

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AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
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T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C1_535 CROSS SECTIONS

SHEET NO. 1259

PRELIMINARY: NOT FOR CONSTRUCTION

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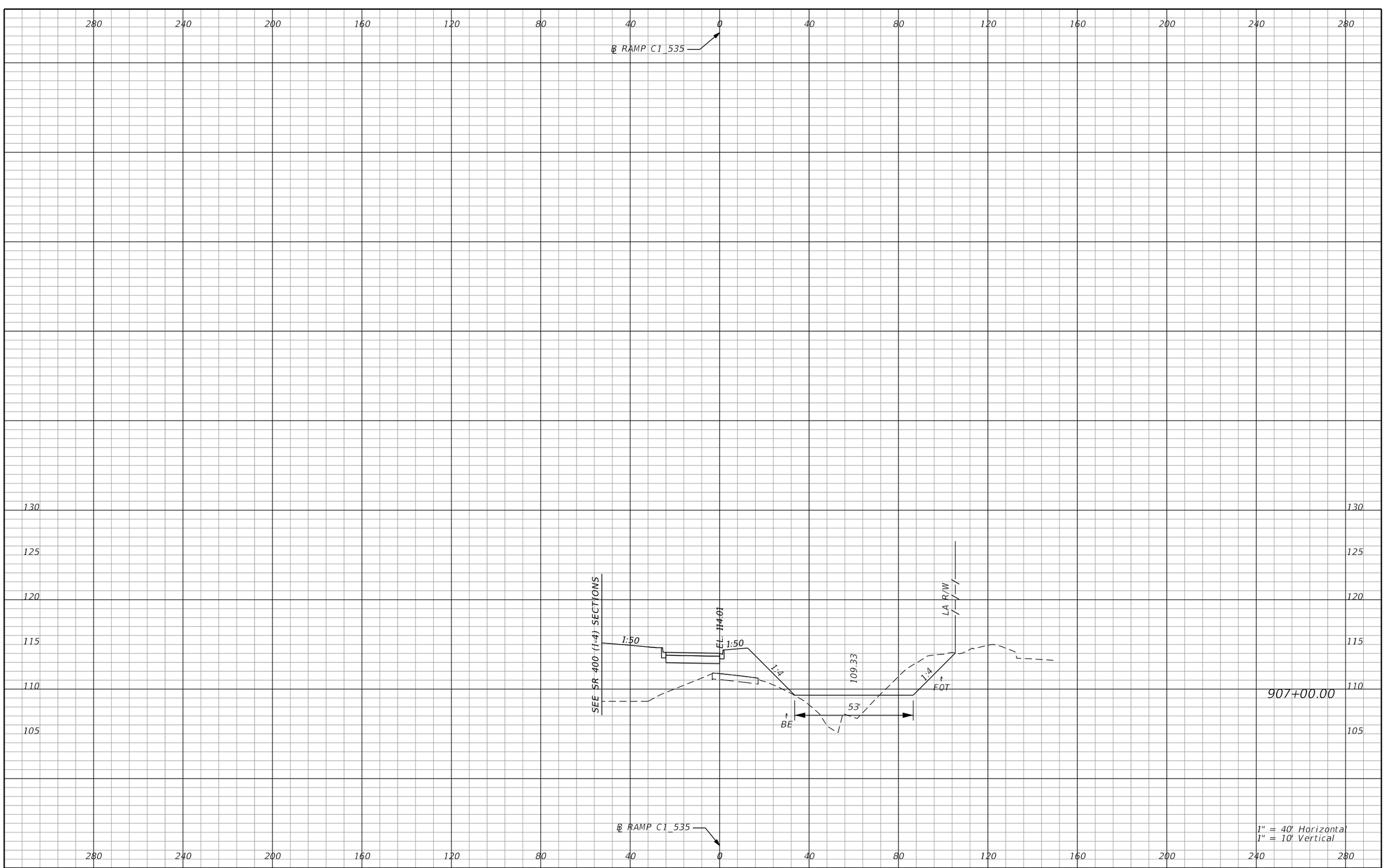

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP C1_535 CROSS SECTIONS

SHEET NO. 1260

PRELIMINARY: NOT FOR CONSTRUCTION

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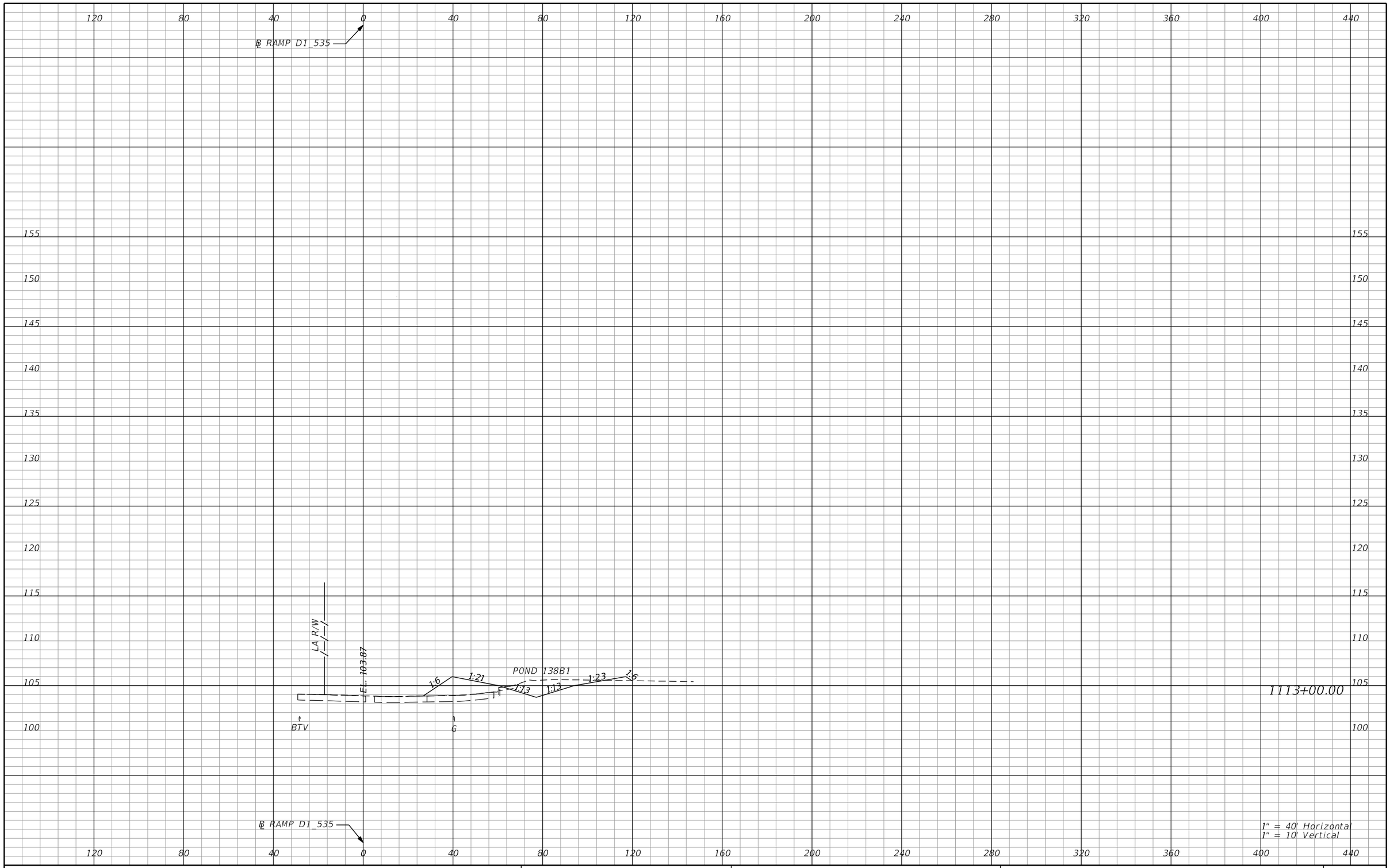

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_535 CROSS SECTIONS

SHEET NO. 1261

PRELIMINARY: NOT FOR CONSTRUCTION

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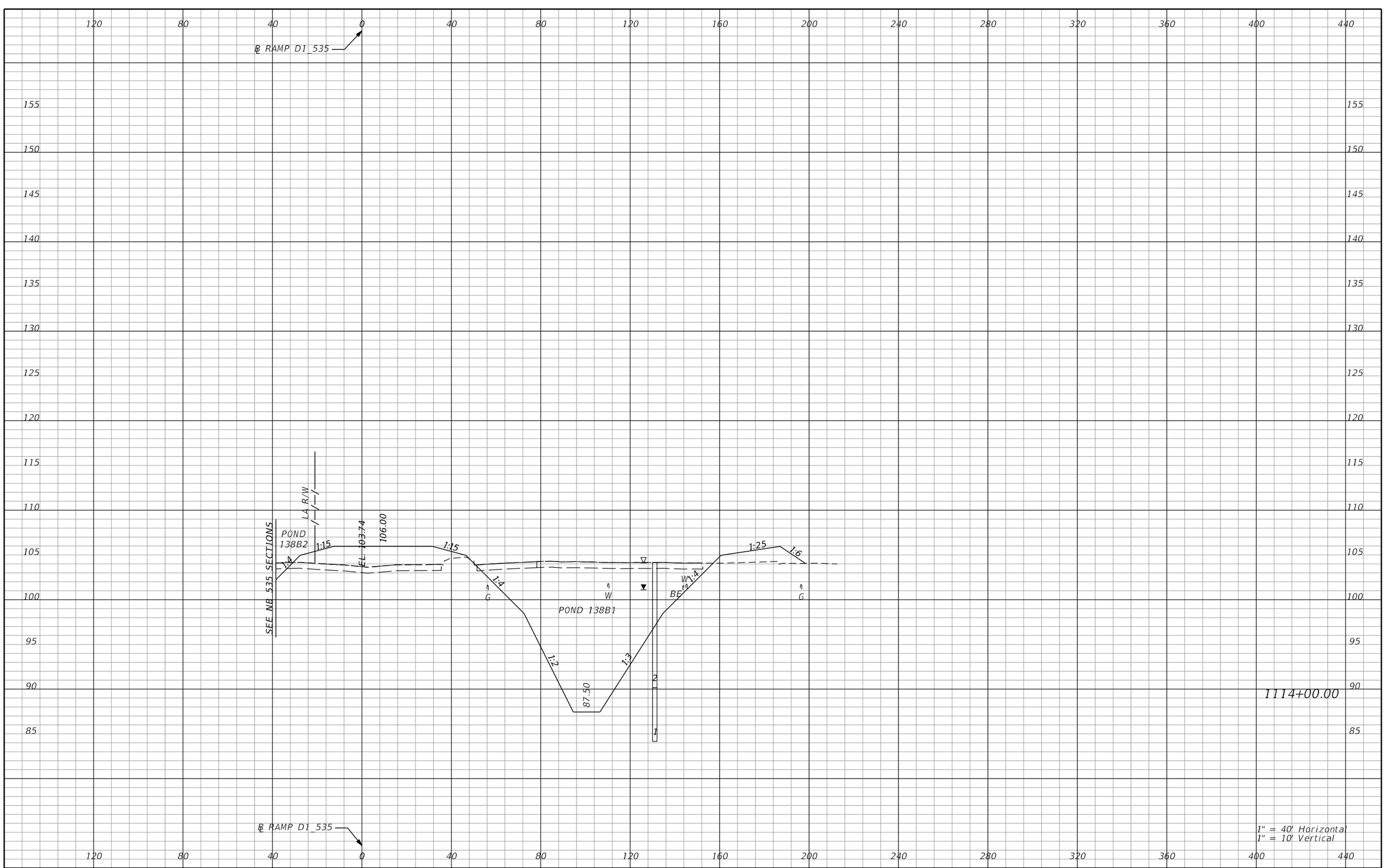

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_535 CROSS SECTIONS

SHEET NO. 1262

PRELIMINARY: NOT FOR CONSTRUCTION

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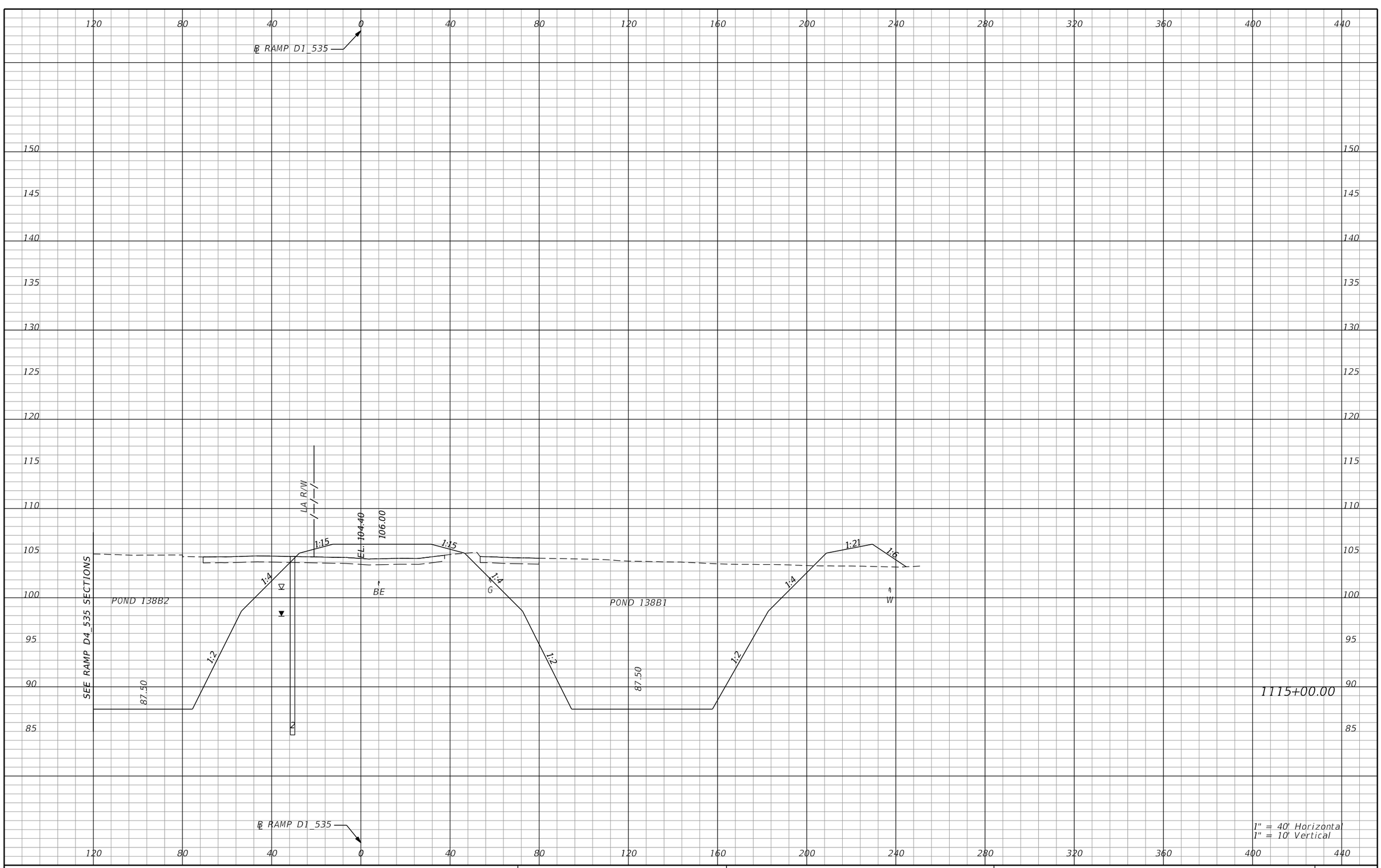

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_535 CROSS SECTIONS

SHEET NO. 1263

PRELIMINARY: NOT FOR CONSTRUCTION

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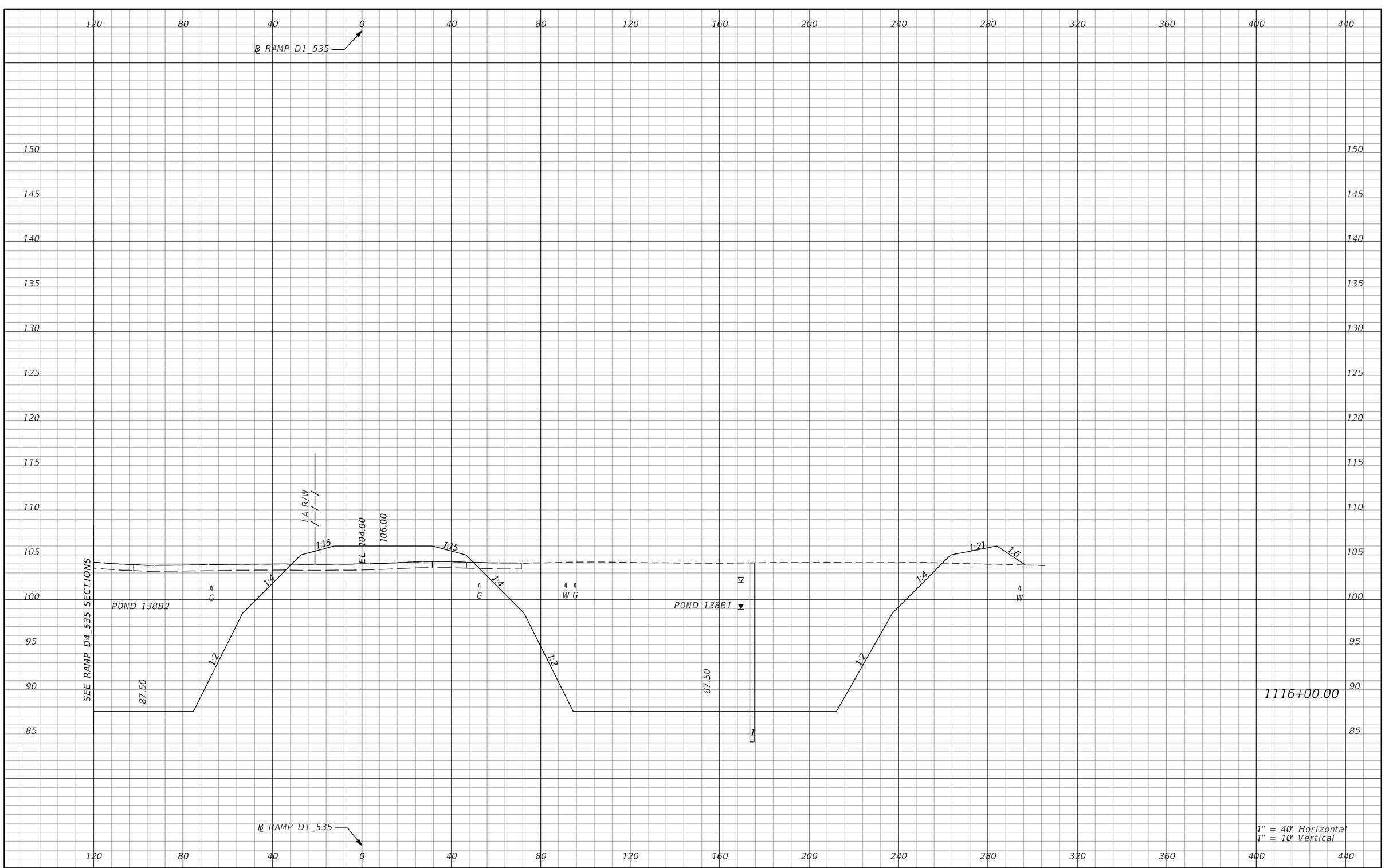

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SR 400	ORANGE	242484-8-52-01

RAMP D1_535 CROSS SECTIONS

SHEET NO. 1264

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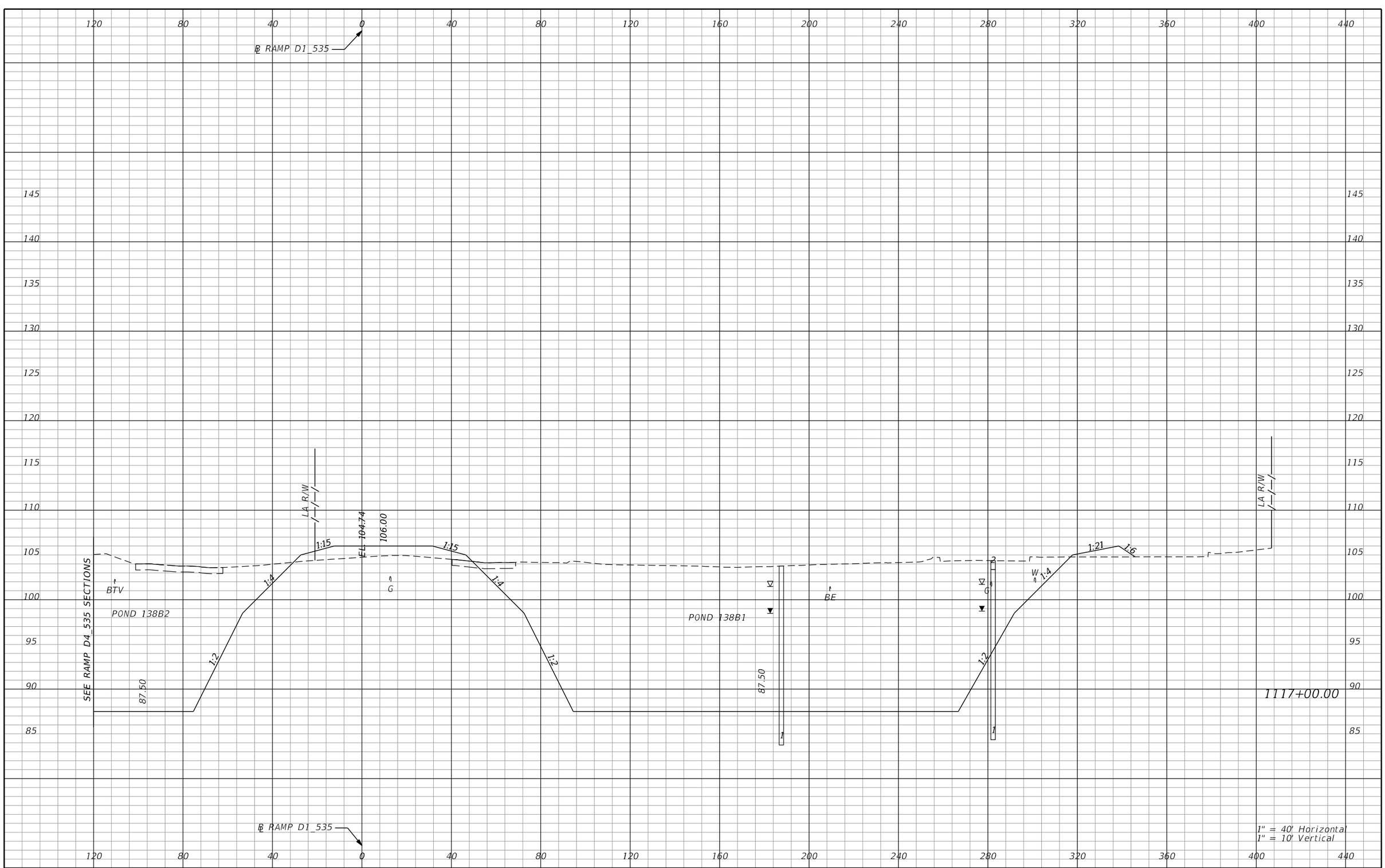

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SR 400	ORANGE	242484-8-52-01

RAMP D1_535 CROSS SECTIONS

SHEET NO. 1265

PRELIMINARY: NOT FOR CONSTRUCTION

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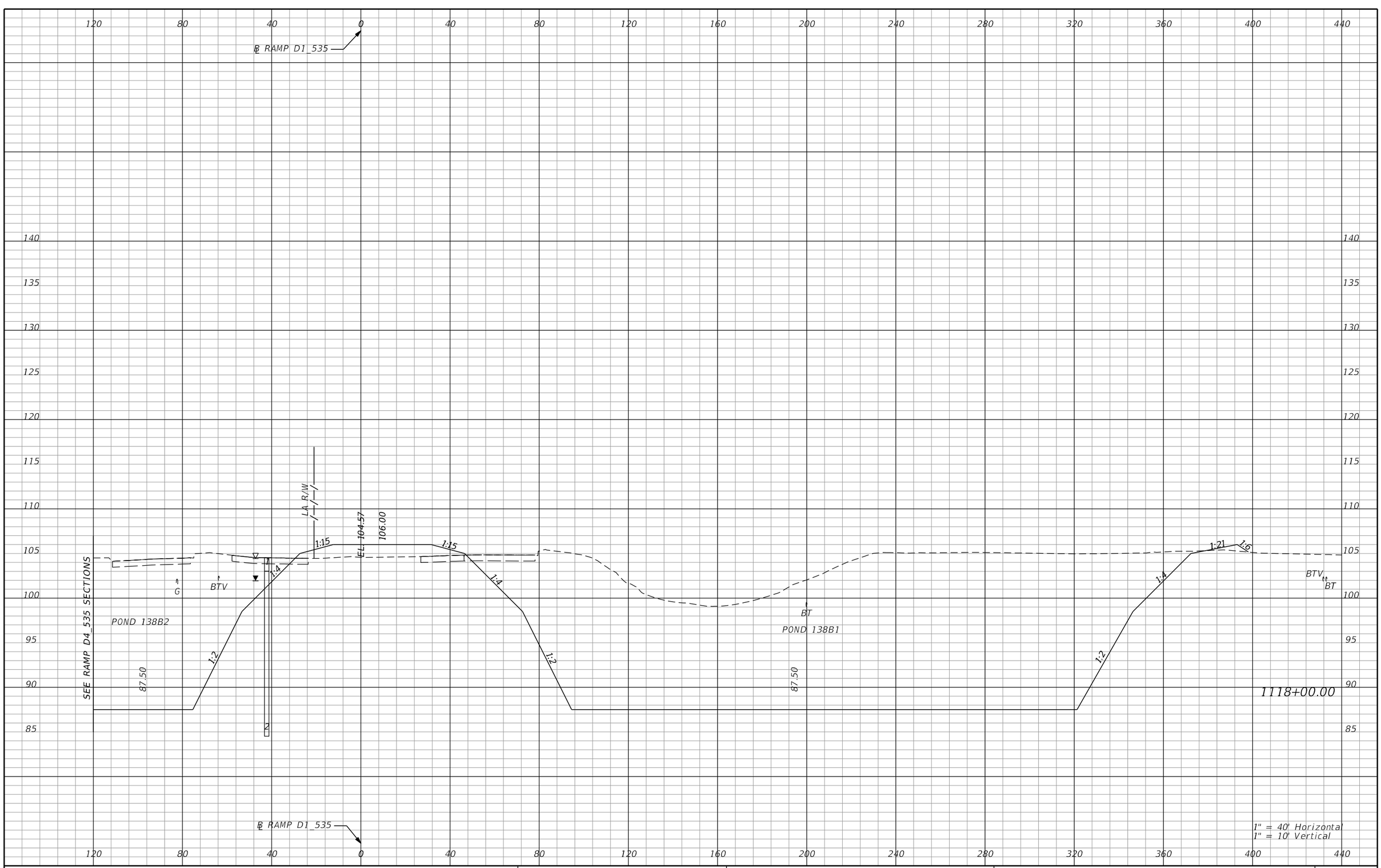

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SR 400	ORANGE	242484-8-52-01

RAMP D1_535 CROSS SECTIONS

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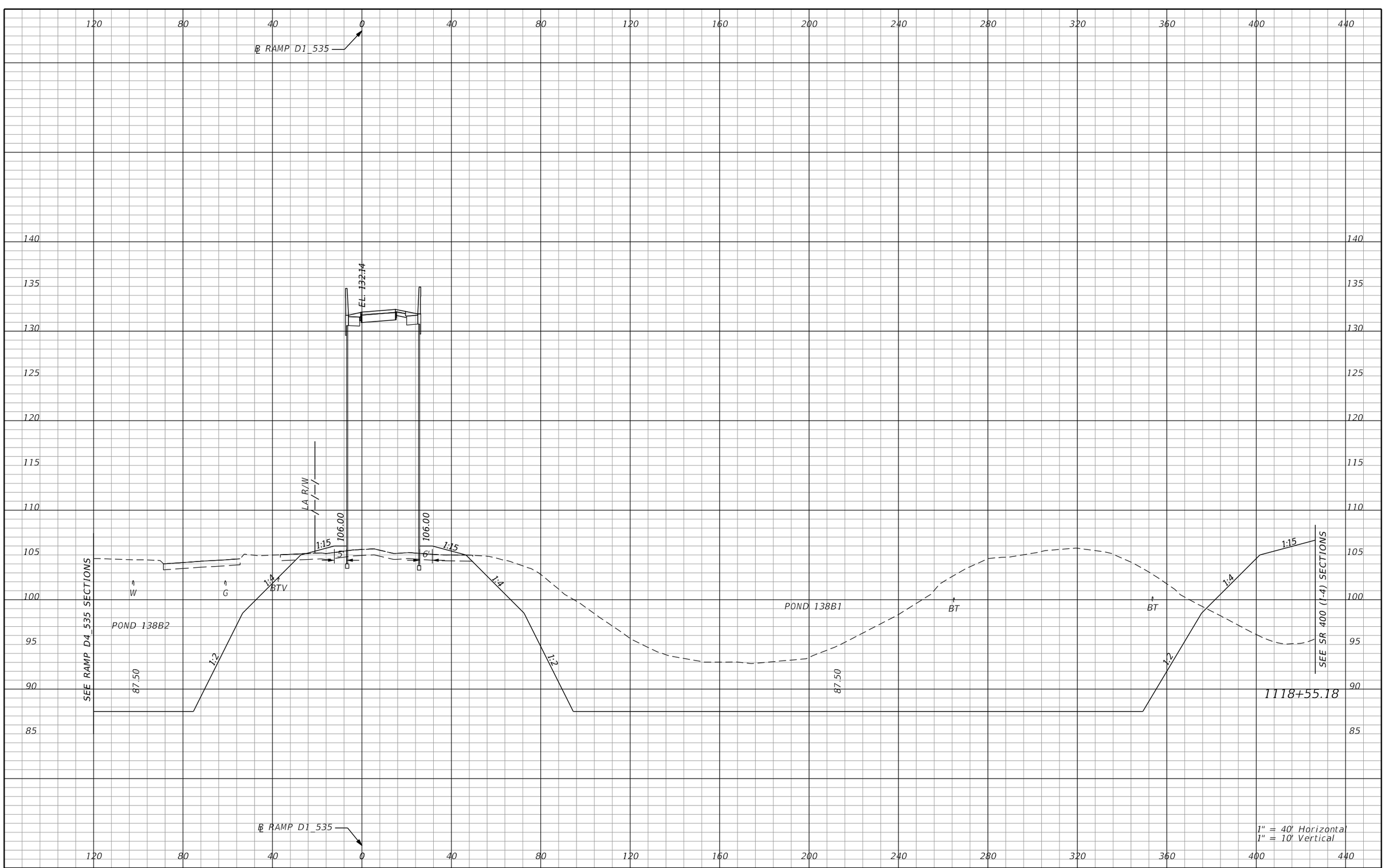
PRELIMINARY: NOT FOR CONSTRUCTION



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SR 400	ORANGE	242484-8-52-01

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SHEET NO. 1267

PRELIMINARY: NOT FOR CONSTRUCTION

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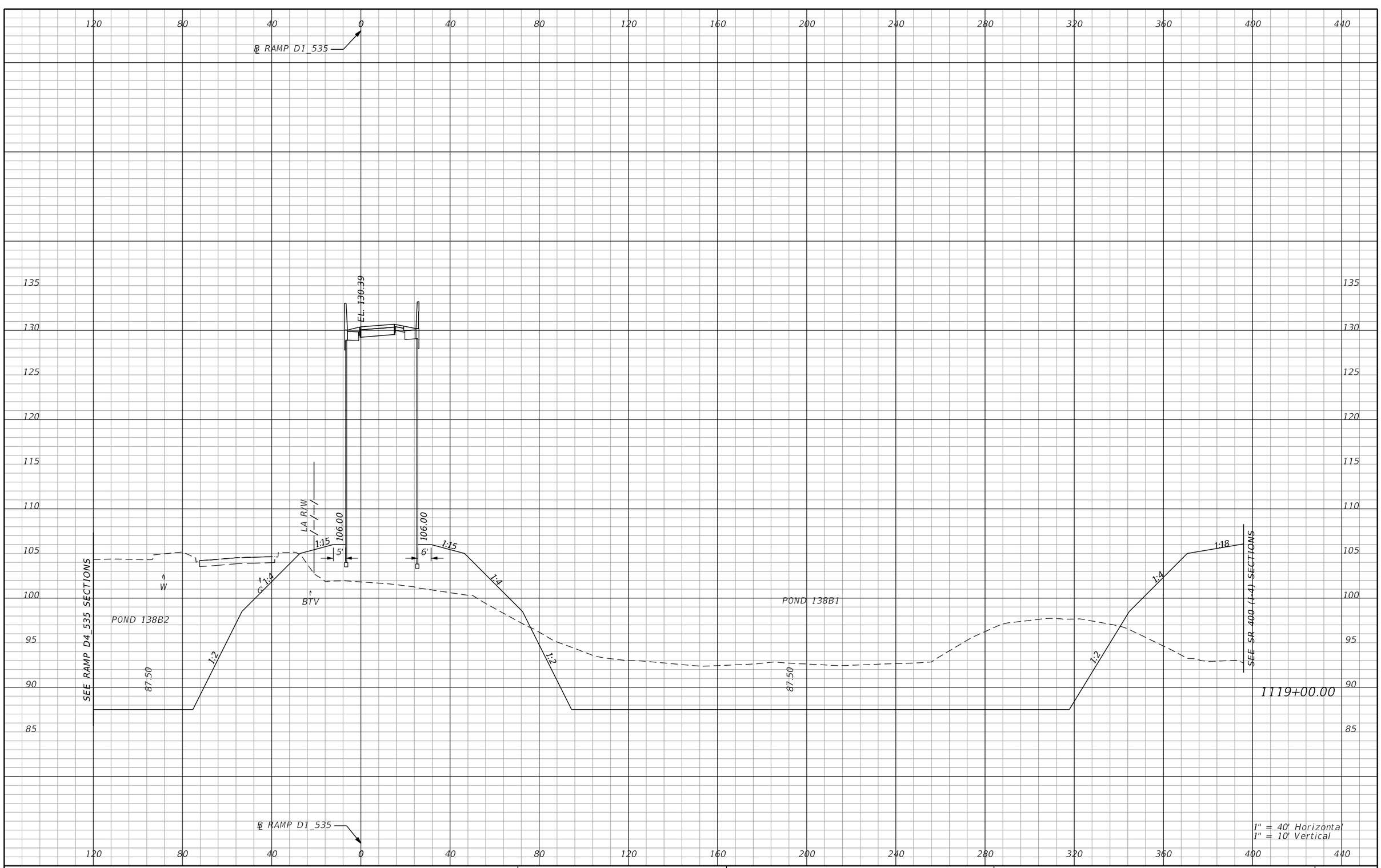

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_535 CROSS SECTIONS

SHEET NO. 1268

PRELIMINARY: NOT FOR CONSTRUCTION

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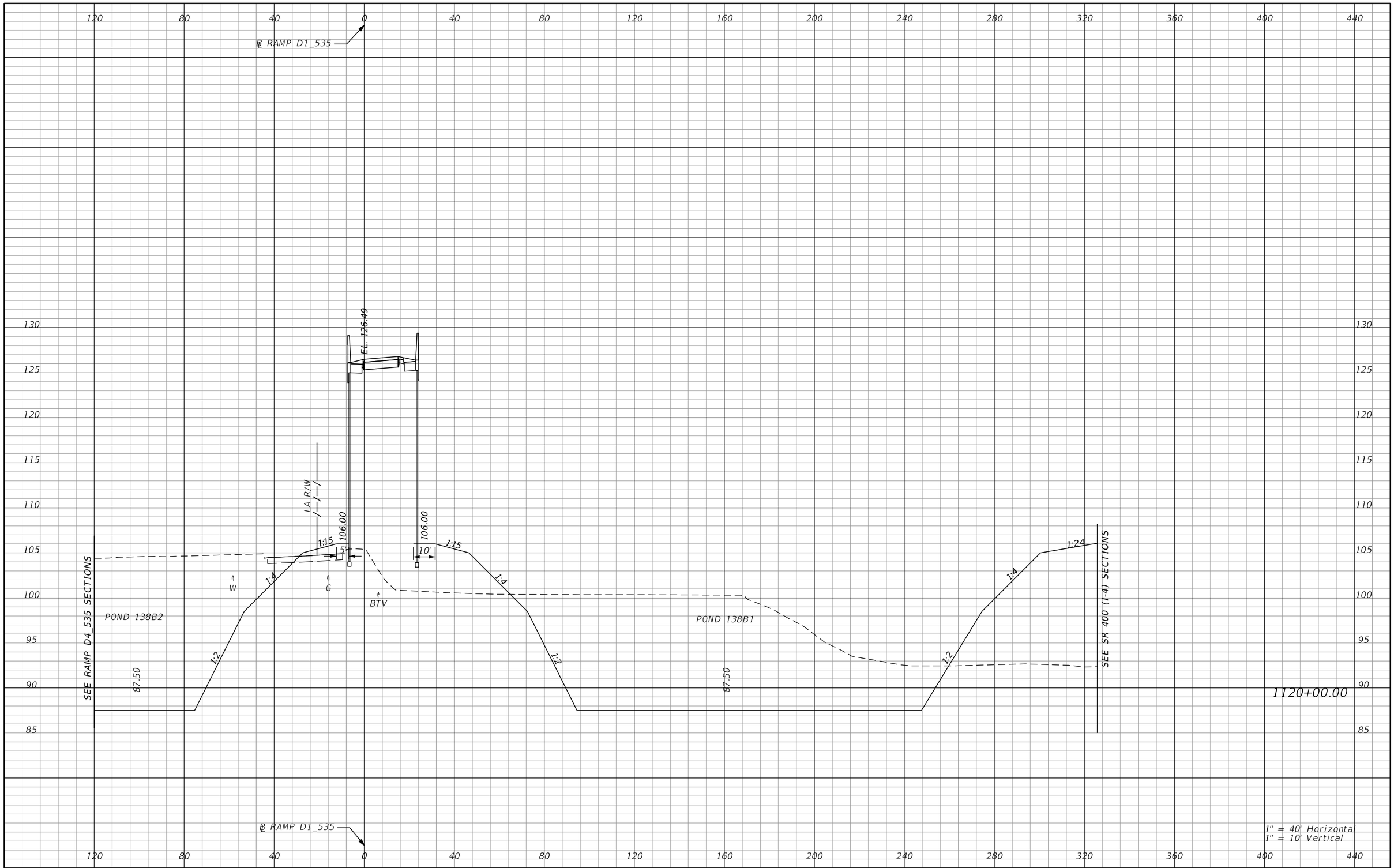

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SR 400	ORANGE	242484-8-52-01

RAMP D1_535
CROSS SECTIONS

SHEET NO. 1269

PRELIMINARY: NOT FOR CONSTRUCTION

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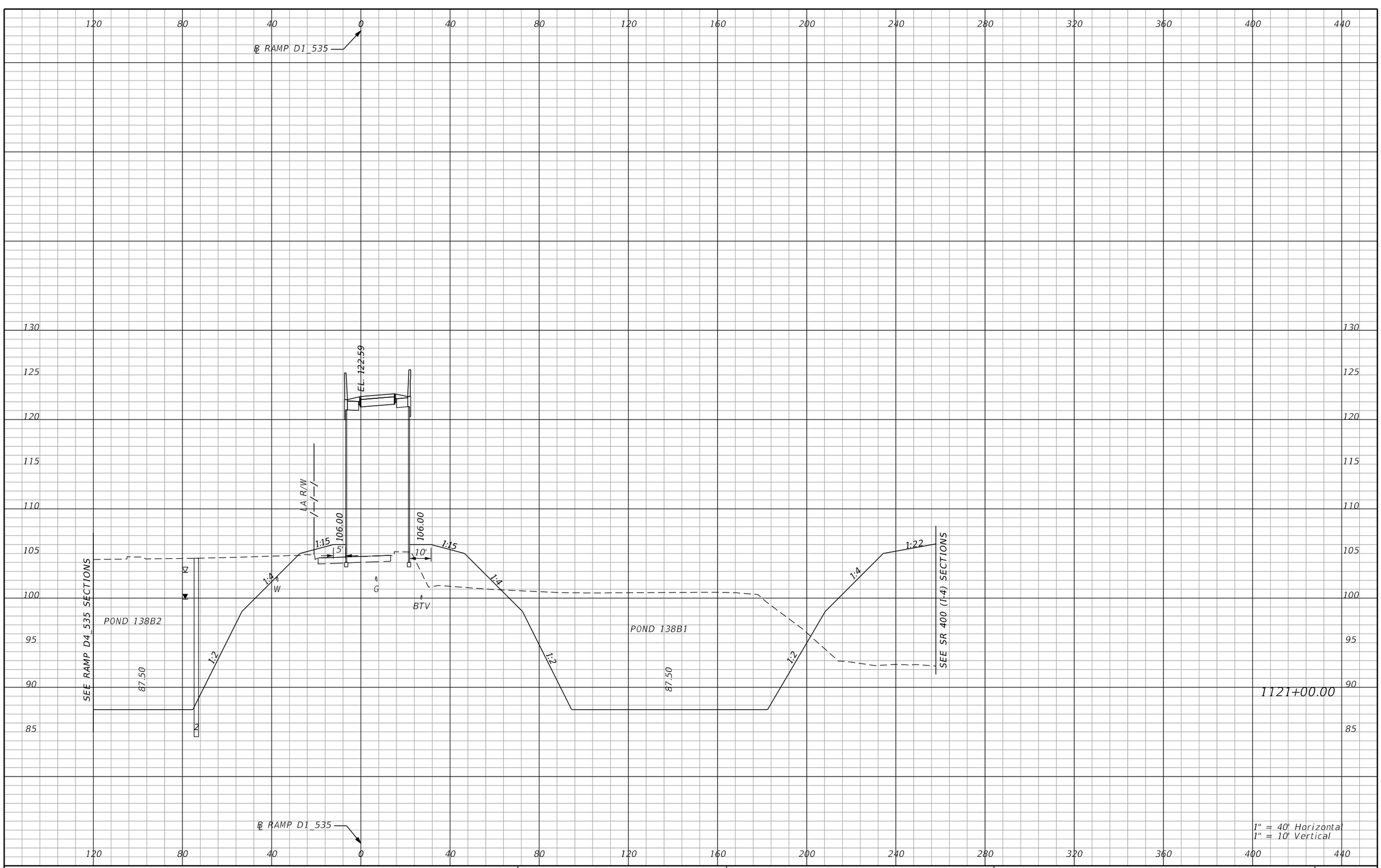

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SR 400	ORANGE	242484-8-52-01

RAMP D1_535 CROSS SECTIONS

SHEET NO. 1270

PRELIMINARY: NOT FOR CONSTRUCTION

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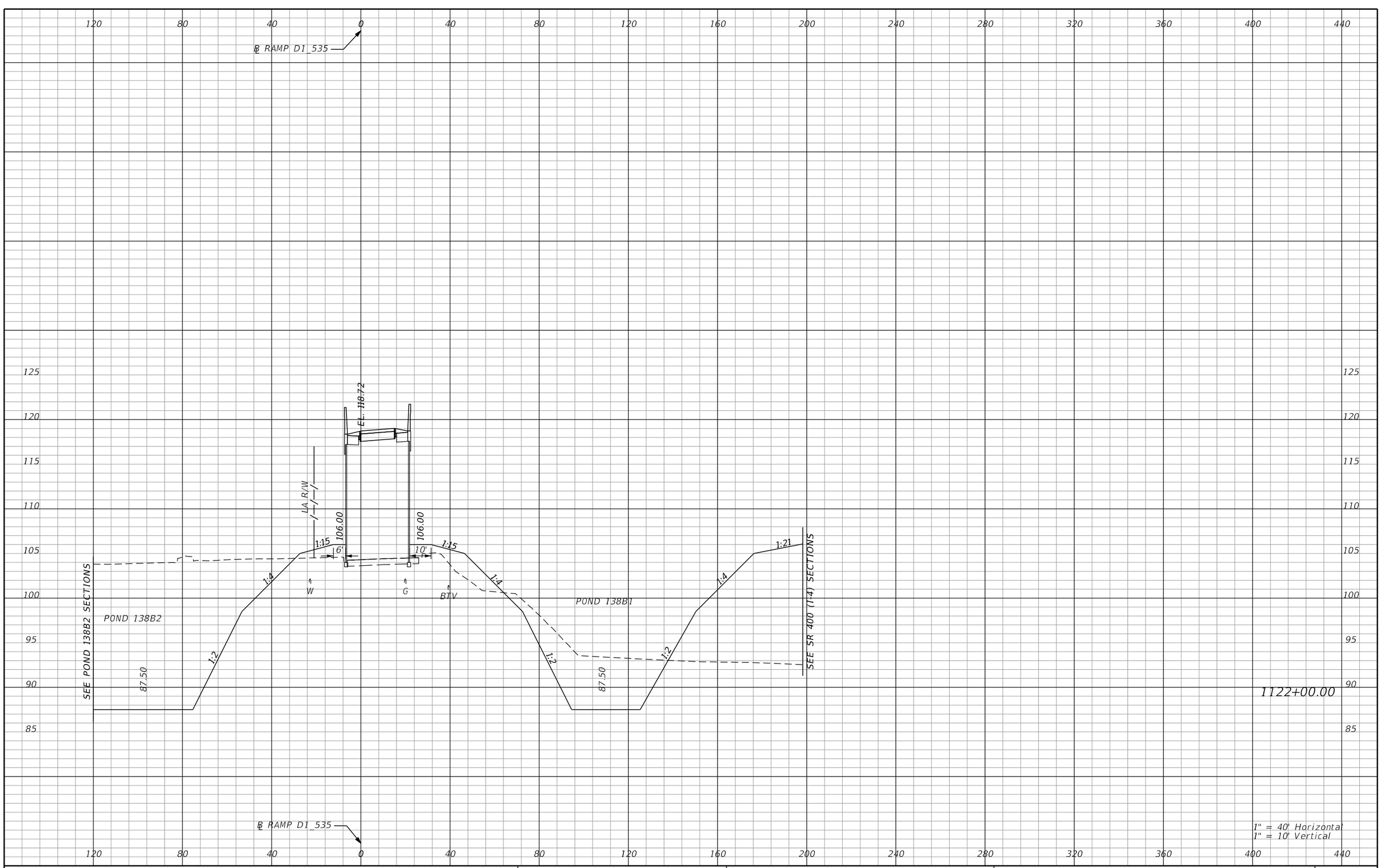

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SHEET NO. 1271

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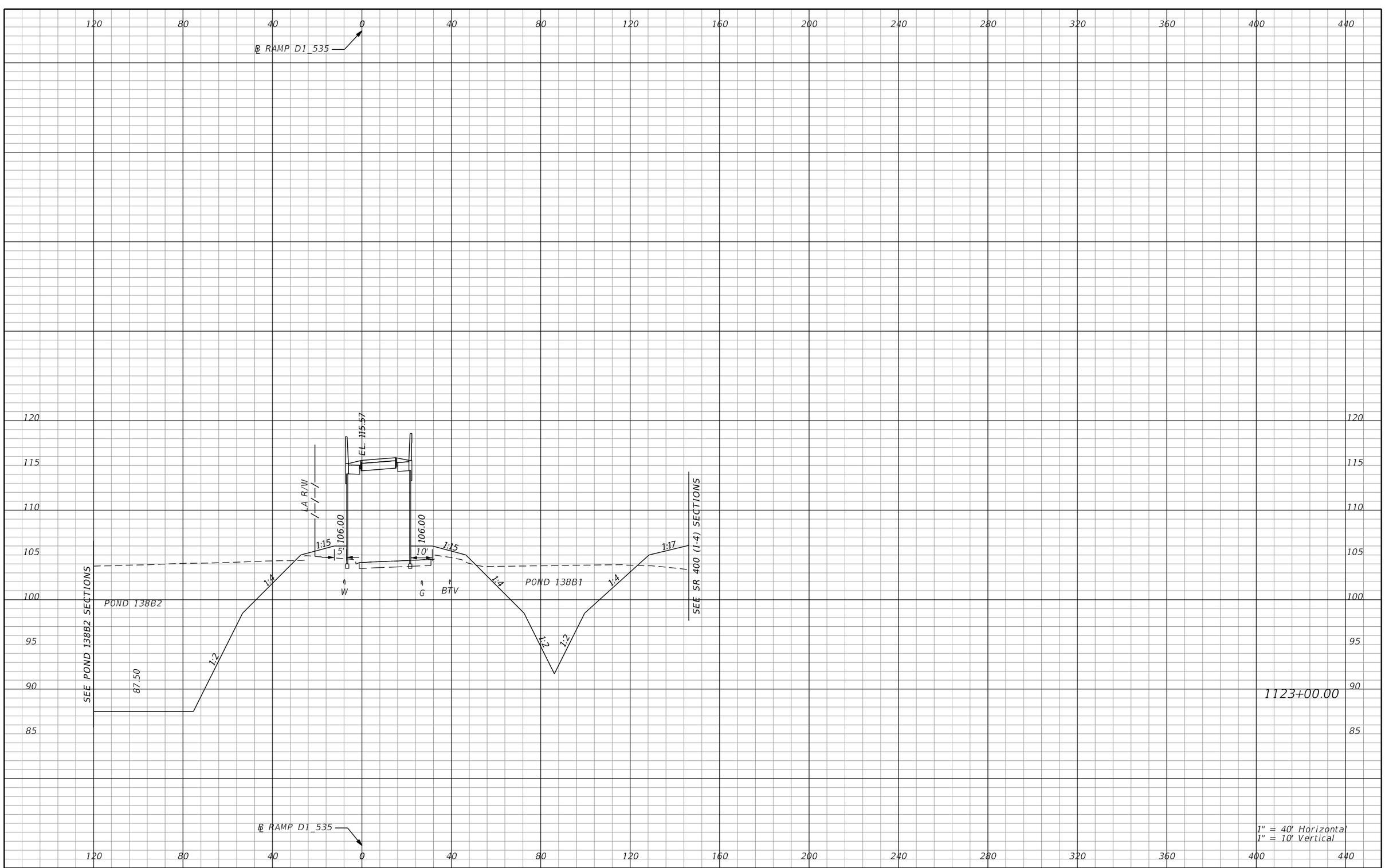

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_535
CROSS SECTIONS

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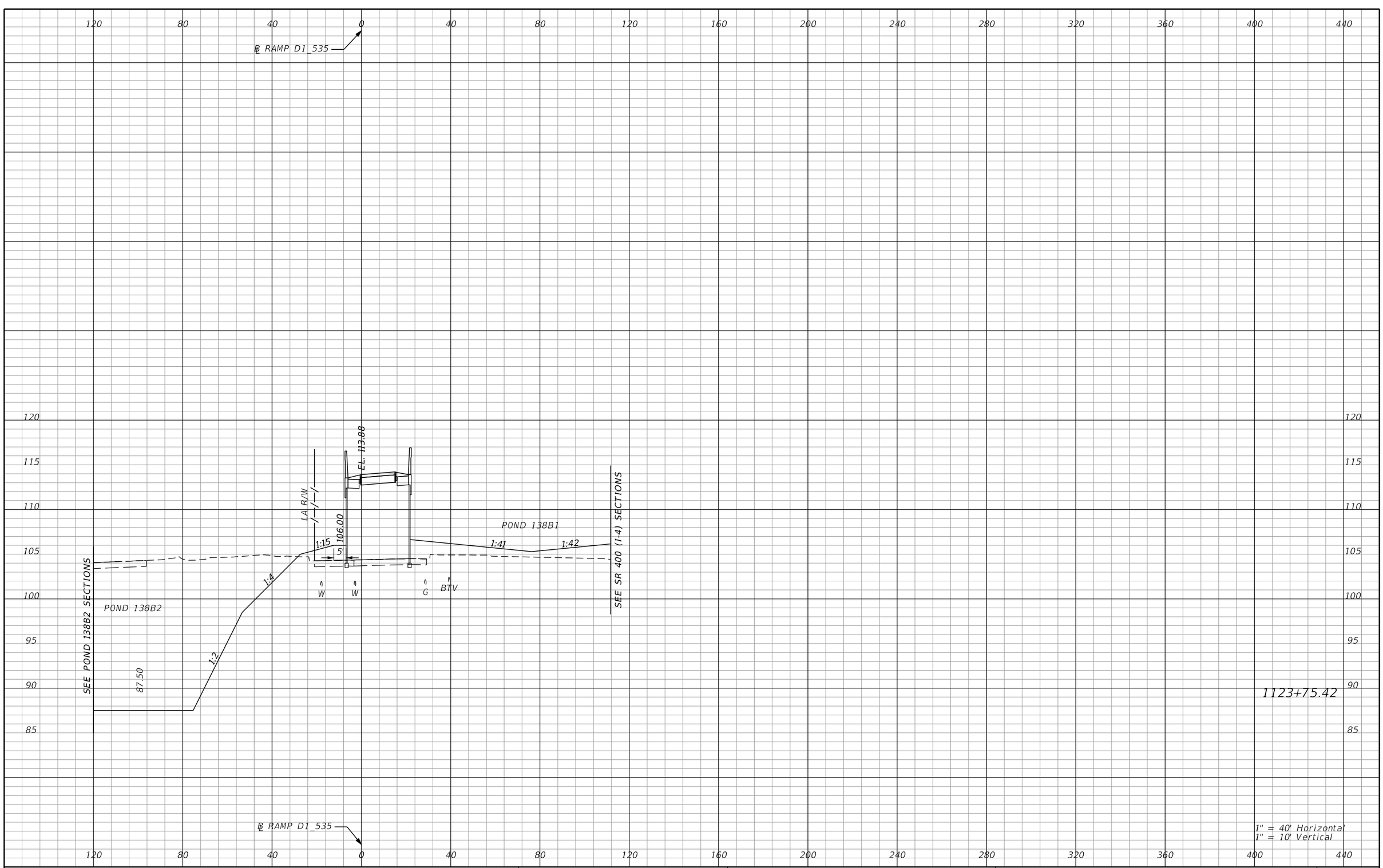
PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_535 CROSS SECTIONS

SHEET NO. 1273

PRELIMINARY: NOT FOR CONSTRUCTION

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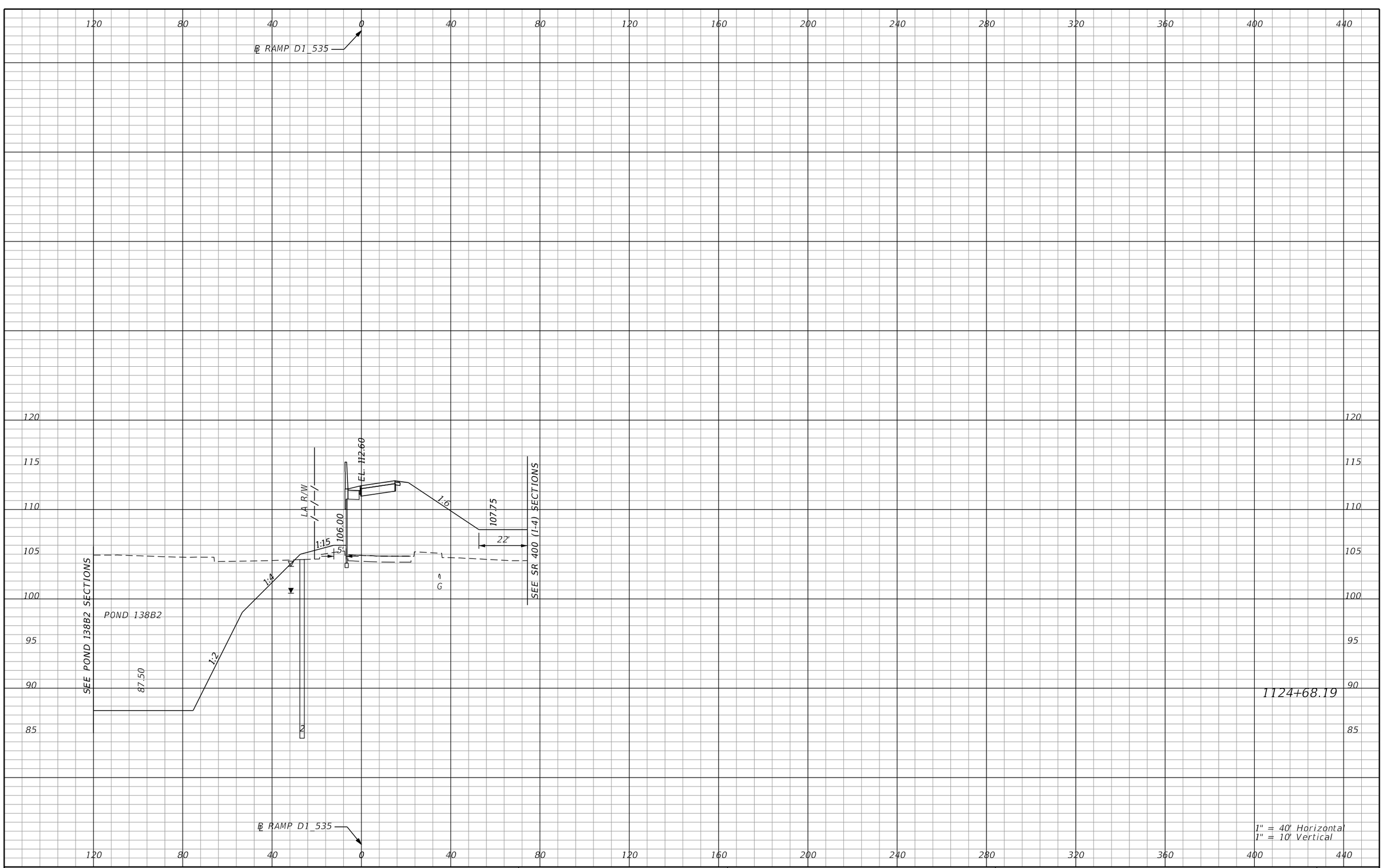

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_535
CROSS SECTIONS

SHEET NO. 1274

PRELIMINARY: NOT FOR CONSTRUCTION

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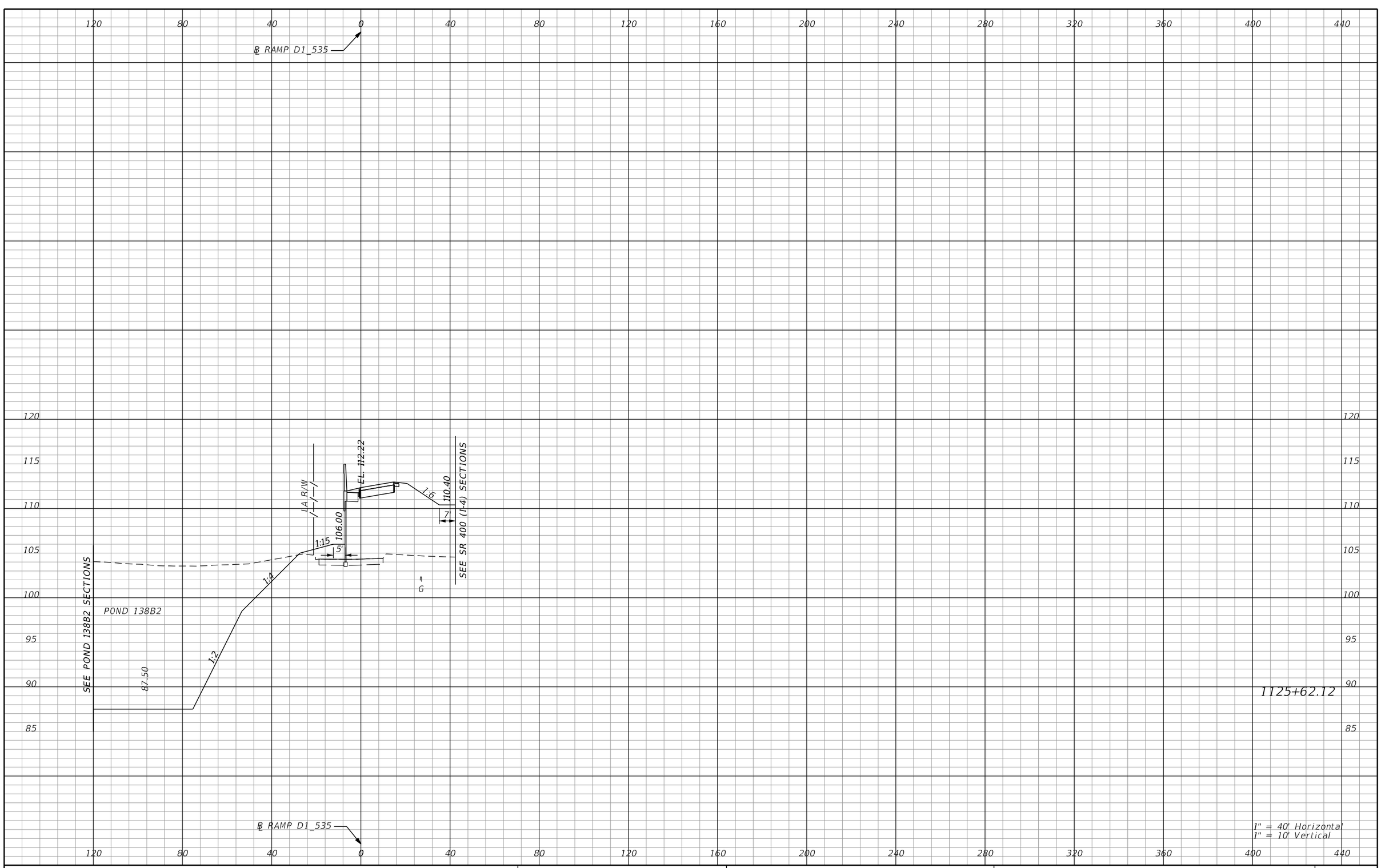

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_535 CROSS SECTIONS

SHEET NO. 1275

PRELIMINARY: NOT FOR CONSTRUCTION

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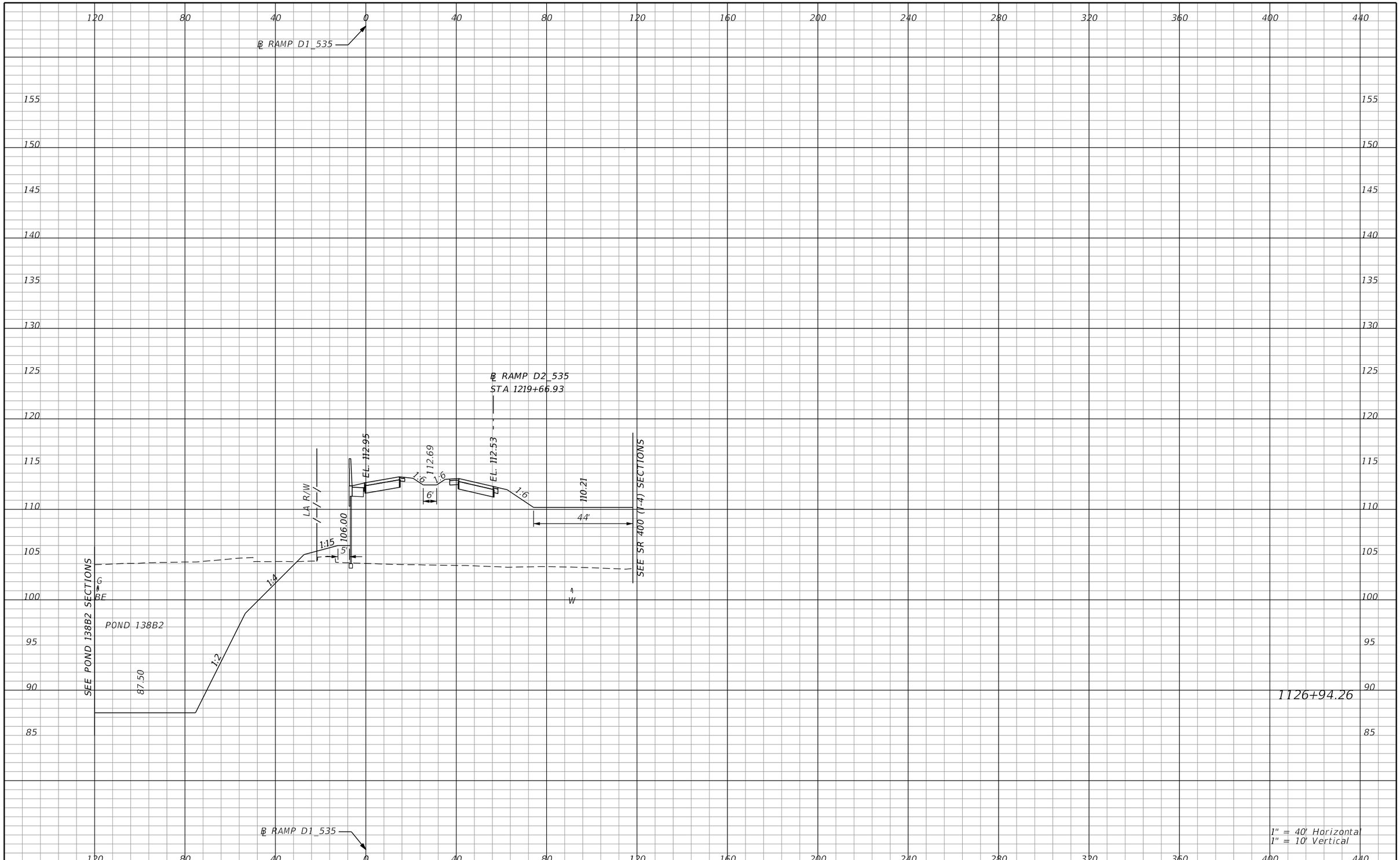

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_535 CROSS SECTIONS

SHEET NO. 1276

℄ RAMP D1_535

℄ RAMP D2_535
STA 1220+64.62

EL. 113.62

EL. 113.41

LA R/W

106.00

1:15

5'

1:4

1:2

87.50

BE

W

BE

1:6

110.91

35'

SEE POND 138B2 SECTIONS

POND 138B2

SEE SR 400 (I-4) SECTIONS

1127+89.64

℄ RAMP D1_535

1" = 40' Horizontal
1" = 10' Vertical

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D1_535
CROSS SECTIONS

SHEET NO. 1277

PRELIMINARY: NOT FOR CONSTRUCTION

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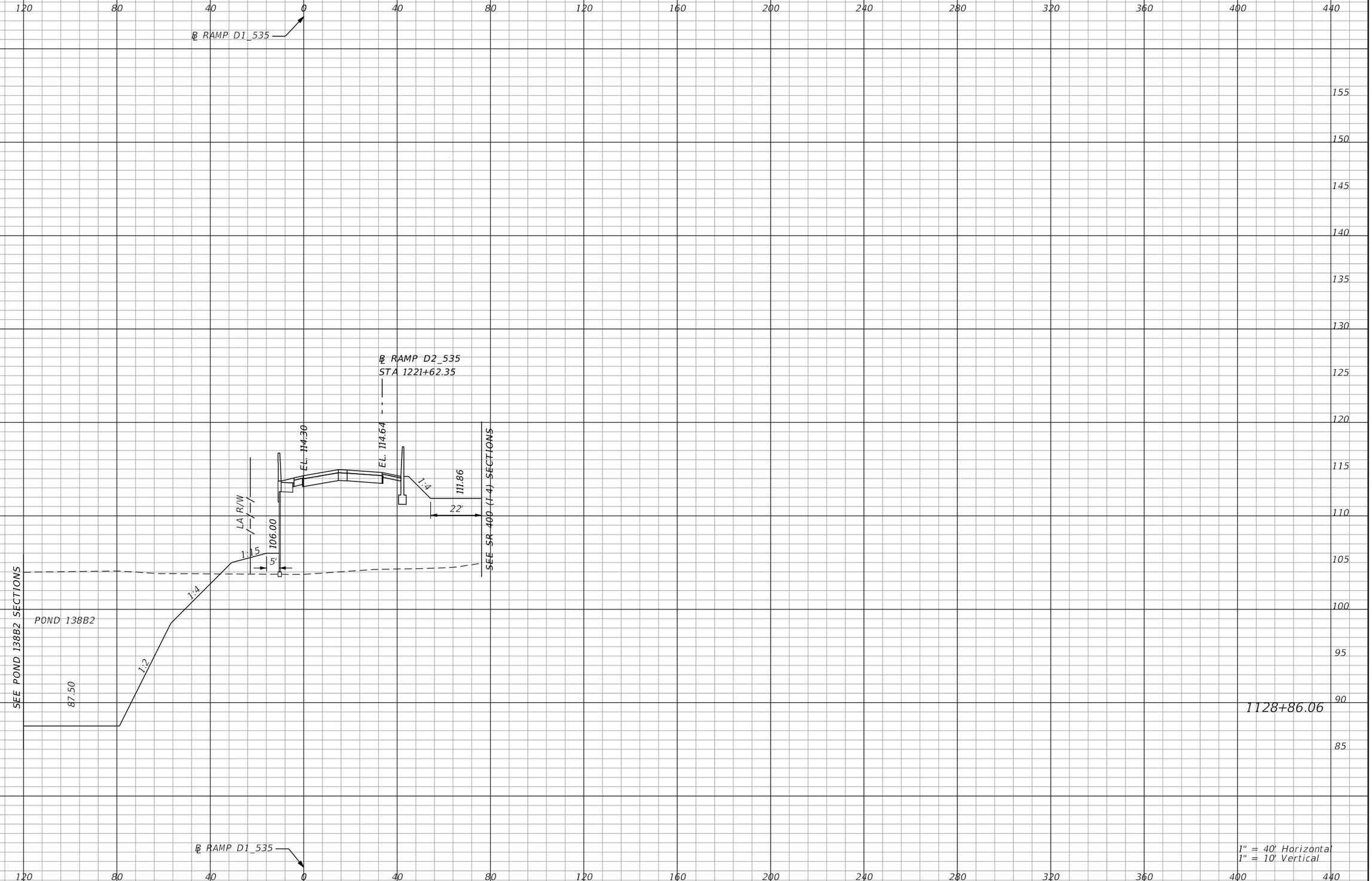

1" = 40' Horizontal
1" = 10' Vertical

PRELIMINARY: NOT FOR CONSTRUCTION

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SR 400	ORANGE	242484-8-52-01

RAMP D1_535
CROSS SECTIONS

SHEET NO. 1278

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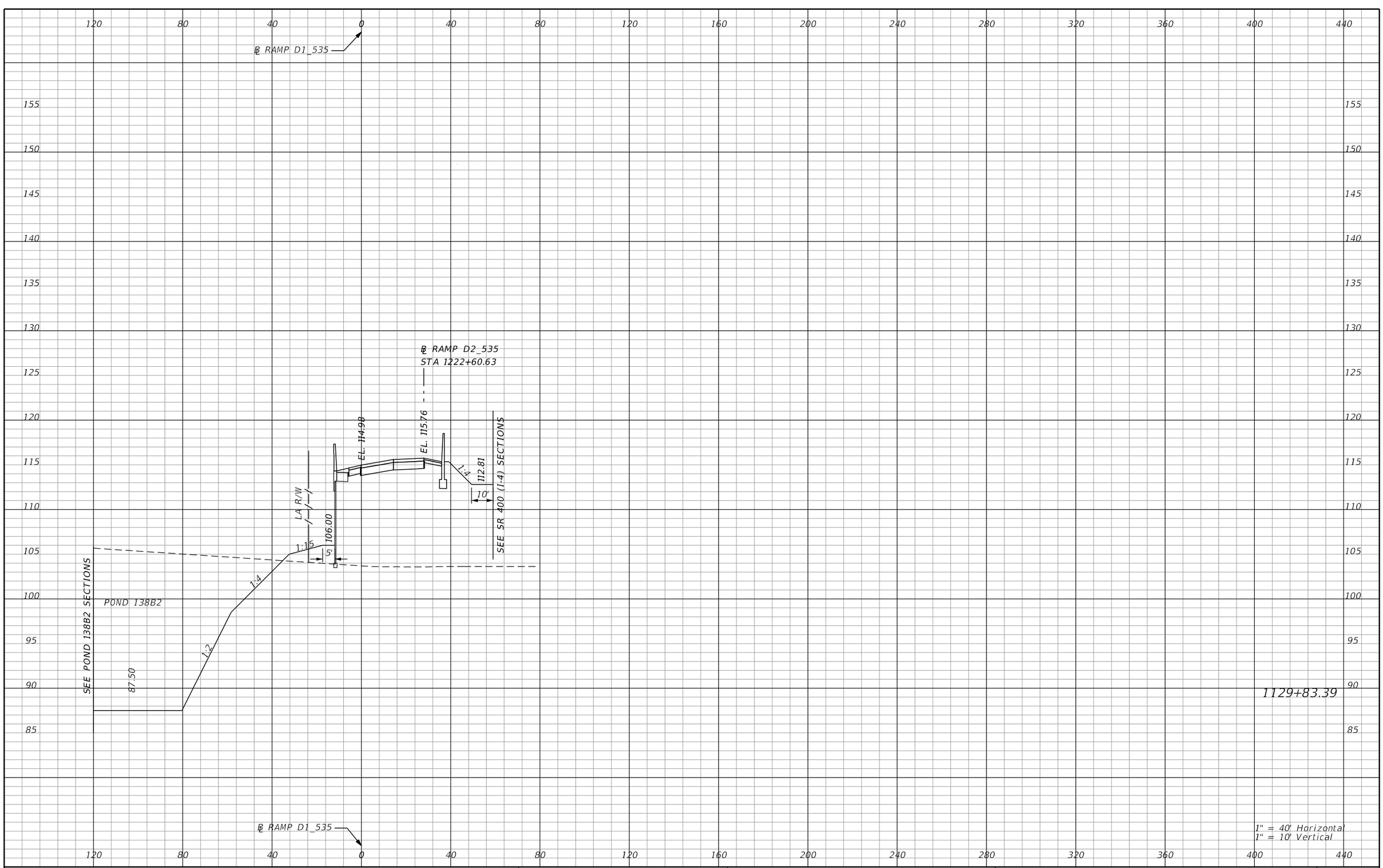

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1" = 10' Vertical

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SR 400	ORANGE	242484-8-52-01

RAMP D1_535
CROSS SECTIONS

SHEET NO.
1279

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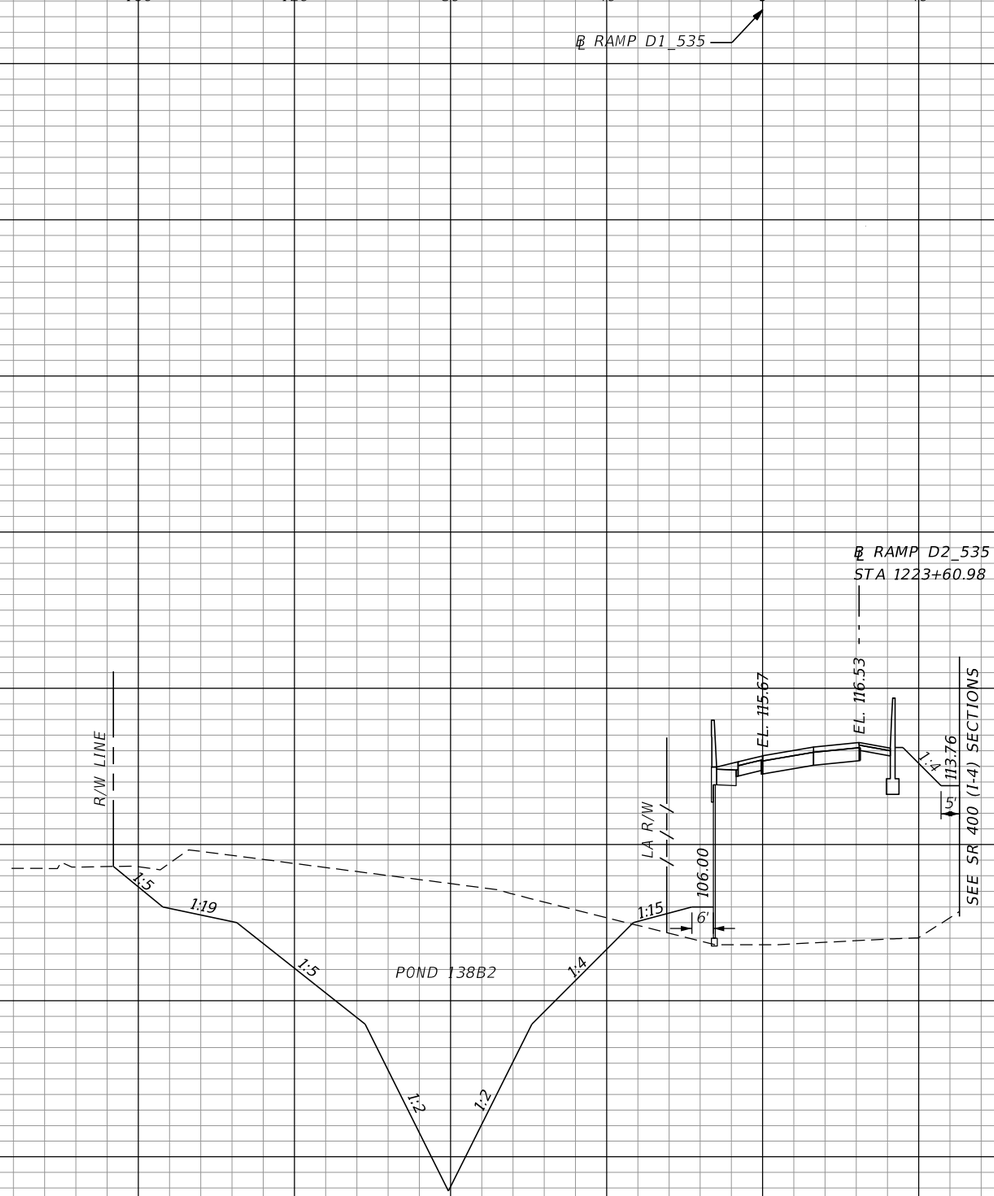

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RAMP D1_535
CROSS SECTIONS

SHEET NO. 1280

PRELIMINARY: NOT FOR CONSTRUCTION

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℄ RAMP D1_535

R/W LINE

LA R/W

104.97

EL. 116.37

4%

SEE SR 400 (I-4) SECTIONS

1131+83.00

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1" = 10' Vertical

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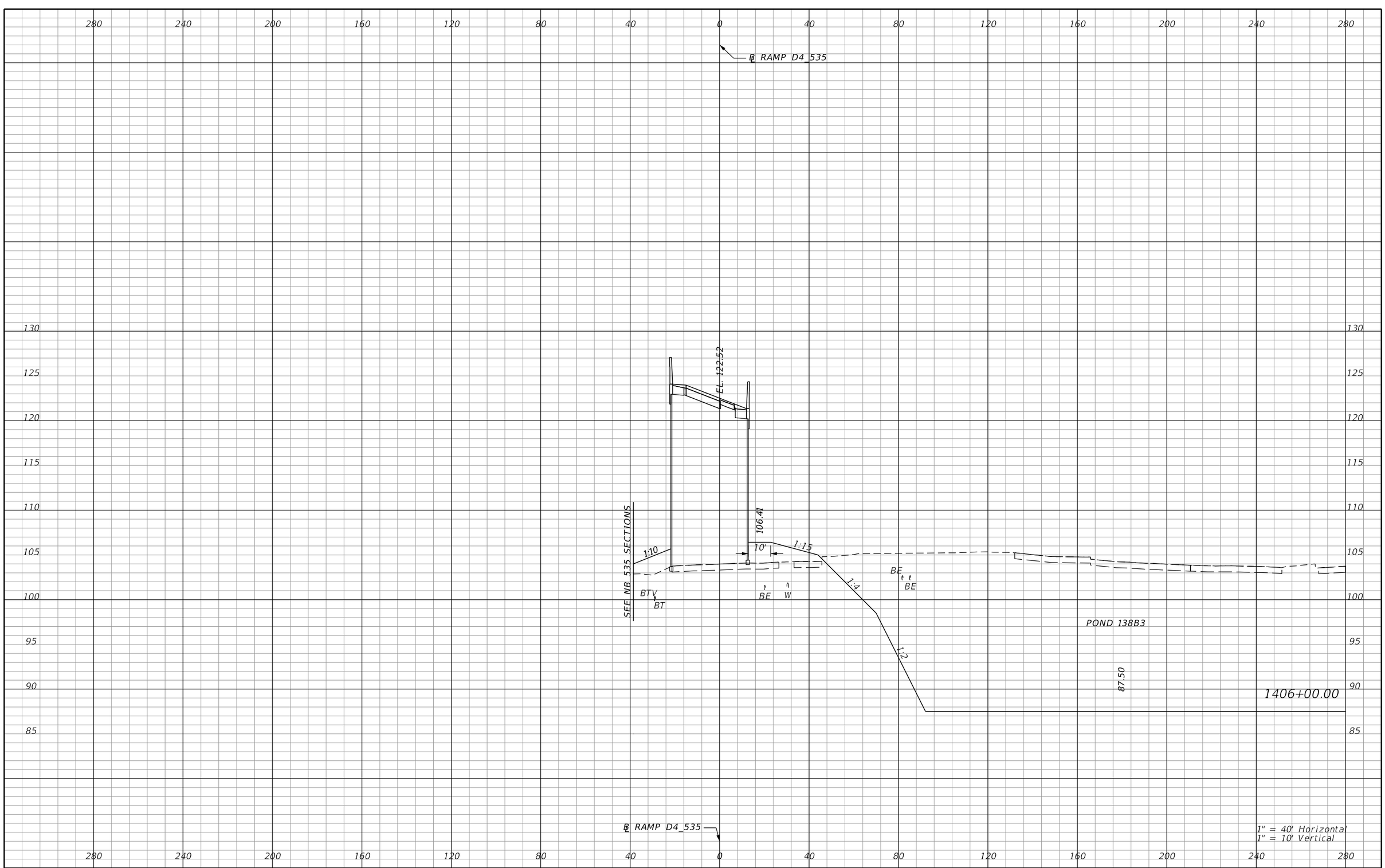
CROSS SECTIONS

SHEET NO.
1281



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T 407.843.6552 F 407.839.1789
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D4_535
CROSS SECTIONS

SHEET NO. 1282

PRELIMINARY: NOT FOR CONSTRUCTION

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SEE NB 535 SECTIONS

POND 138B4

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℄ RAMP D4_535

1" = 40' Horizontal
1" = 10' Vertical

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125 120 115 110 105 100 95 90 85

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D4_535 CROSS SECTIONS

SHEET NO. 1283

PRELIMINARY: NOT FOR CONSTRUCTION

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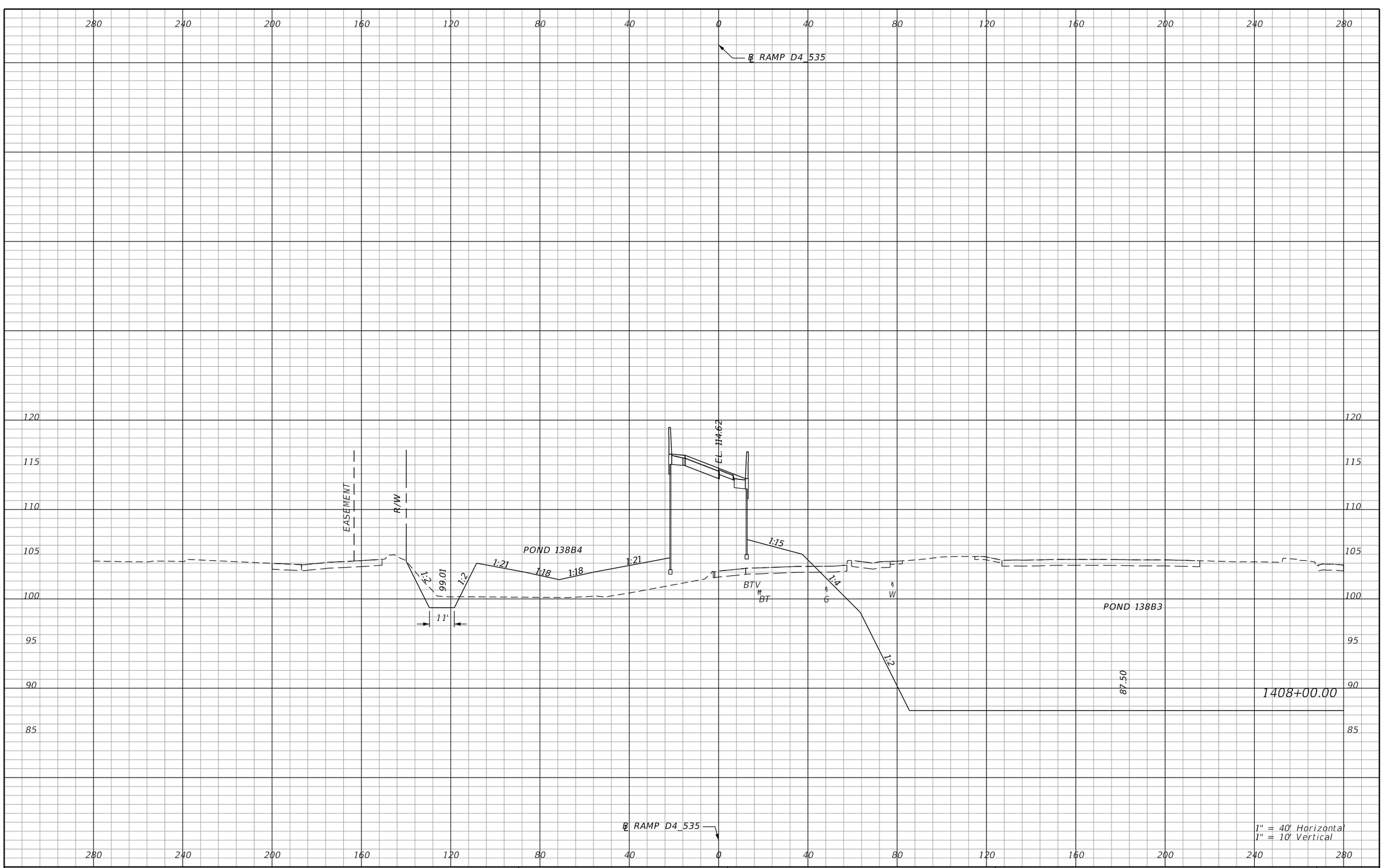

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D4_535
CROSS SECTIONS

SHEET NO.
1284

PRELIMINARY: NOT FOR CONSTRUCTION

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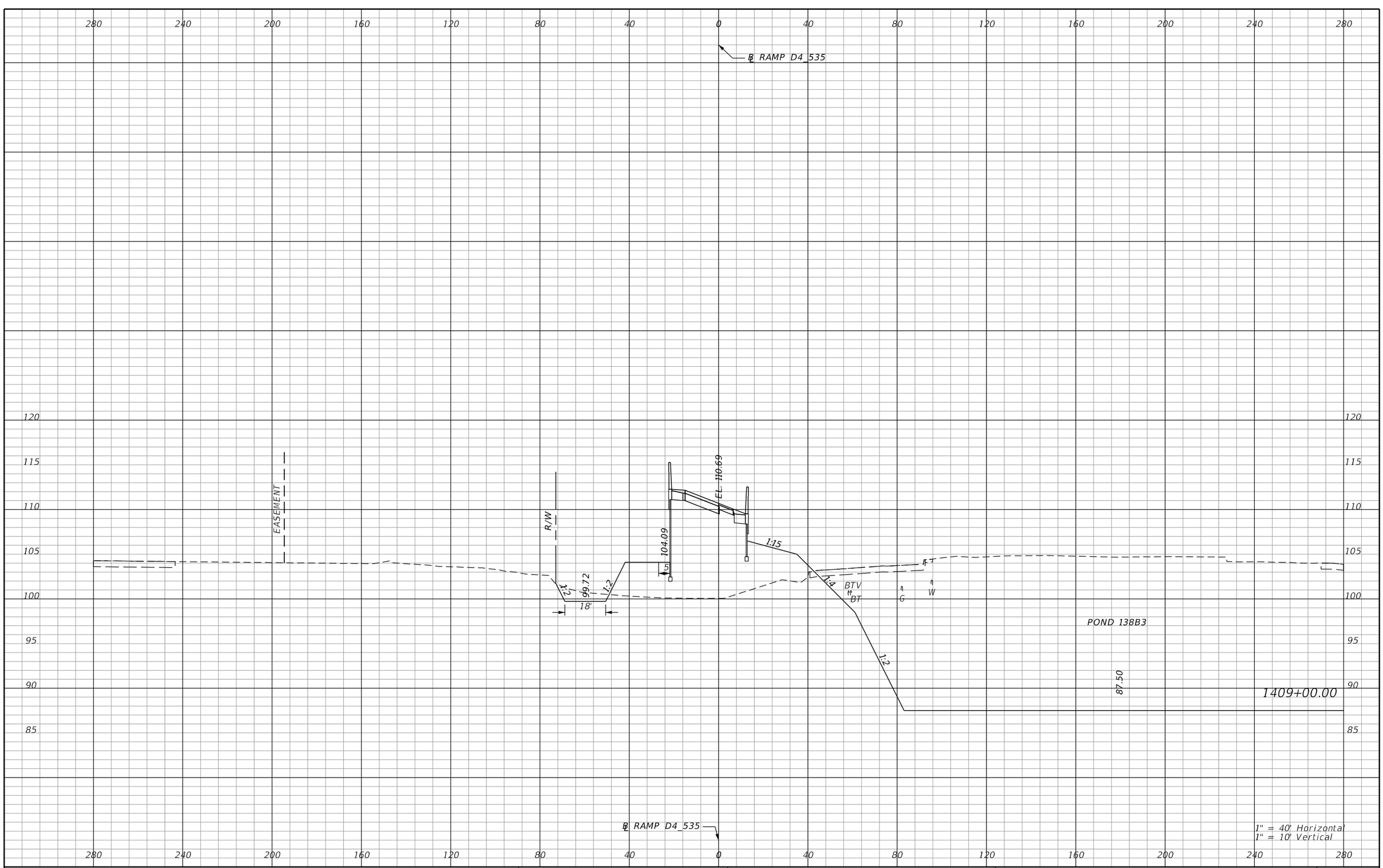

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SHEET NO. 1285

PRELIMINARY: NOT FOR CONSTRUCTION

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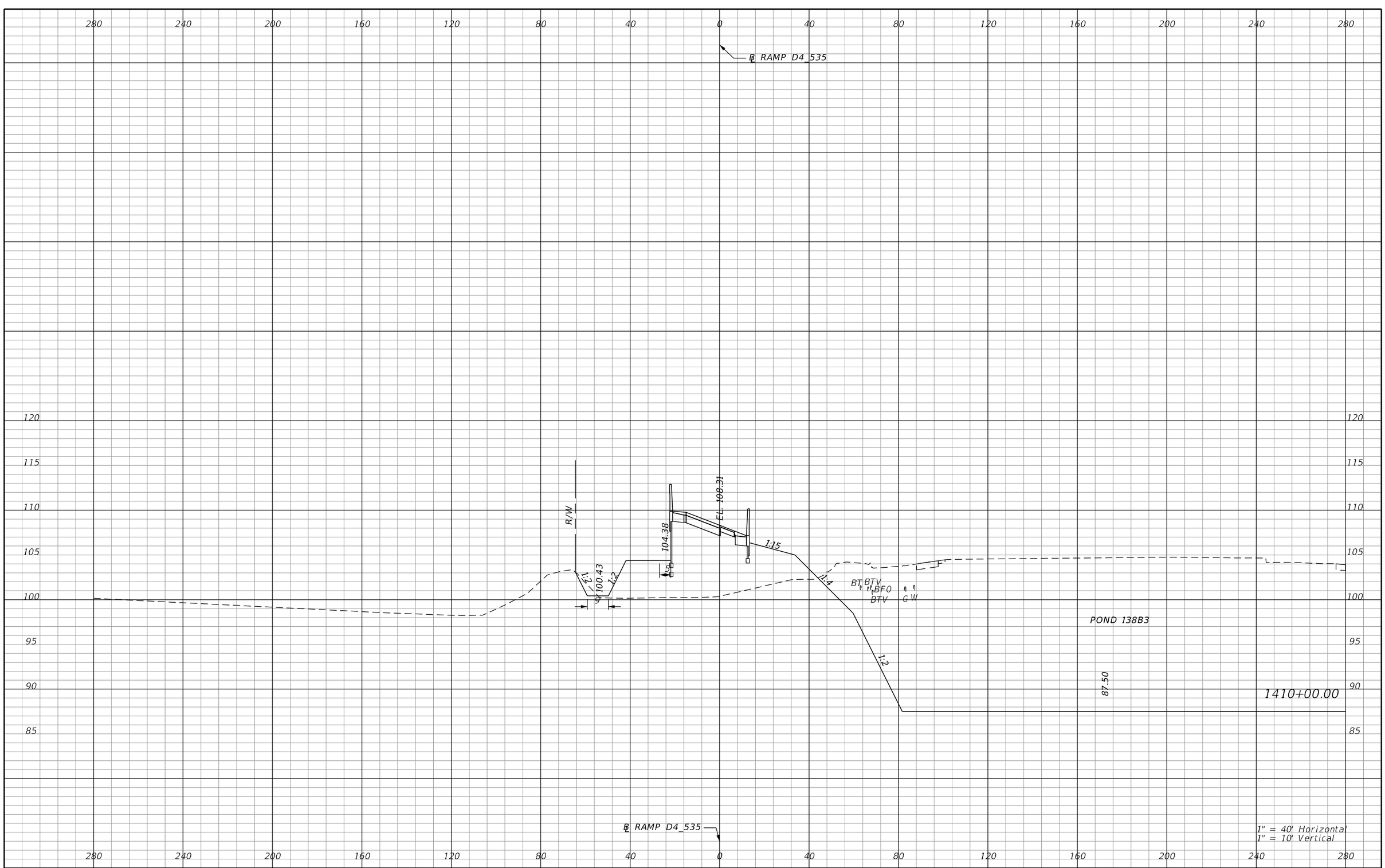

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SR 400	ORANGE	242484-8-52-01

RAMP D4_535 CROSS SECTIONS

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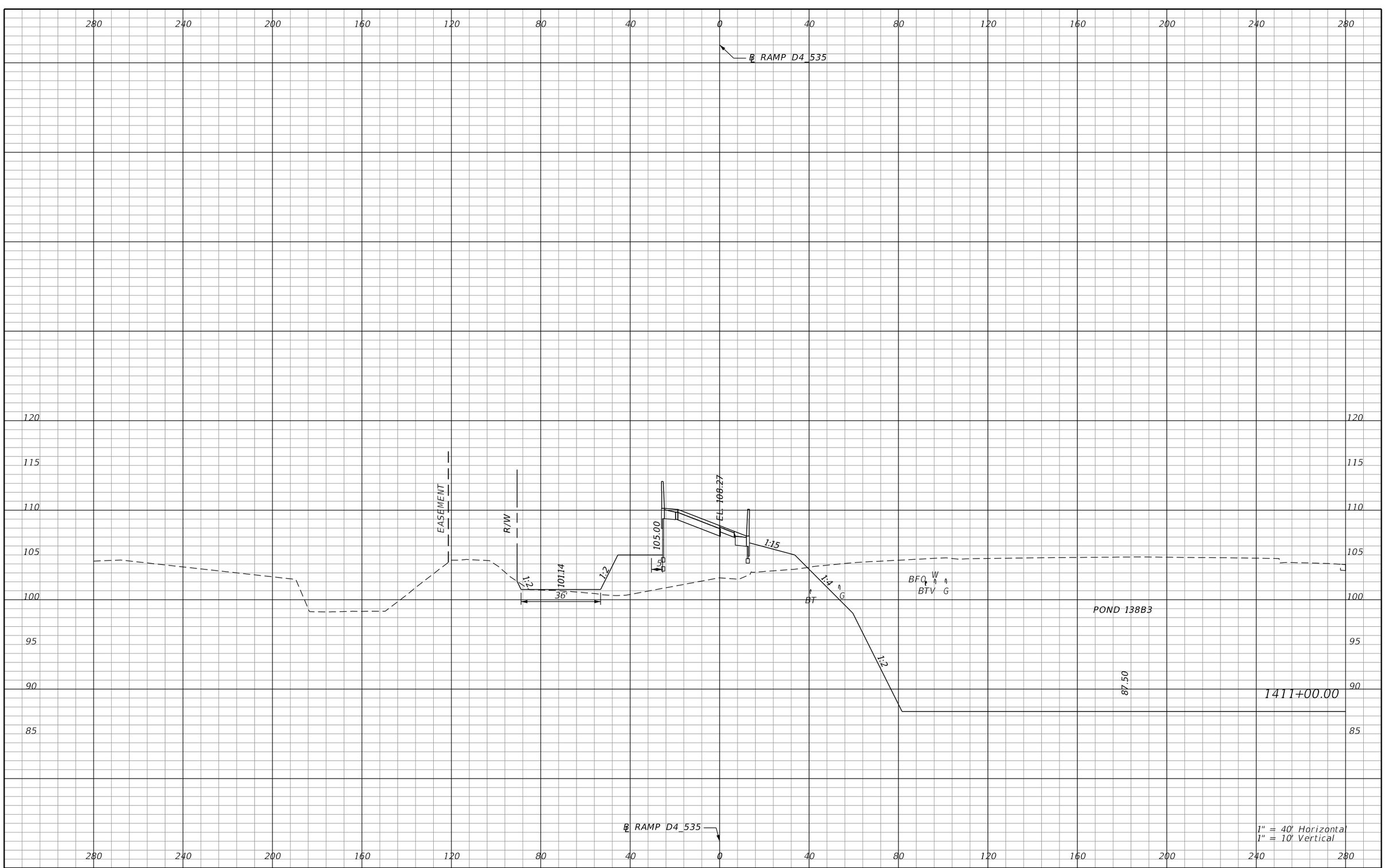

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CROSS SECTIONS

SHEET NO. 1287

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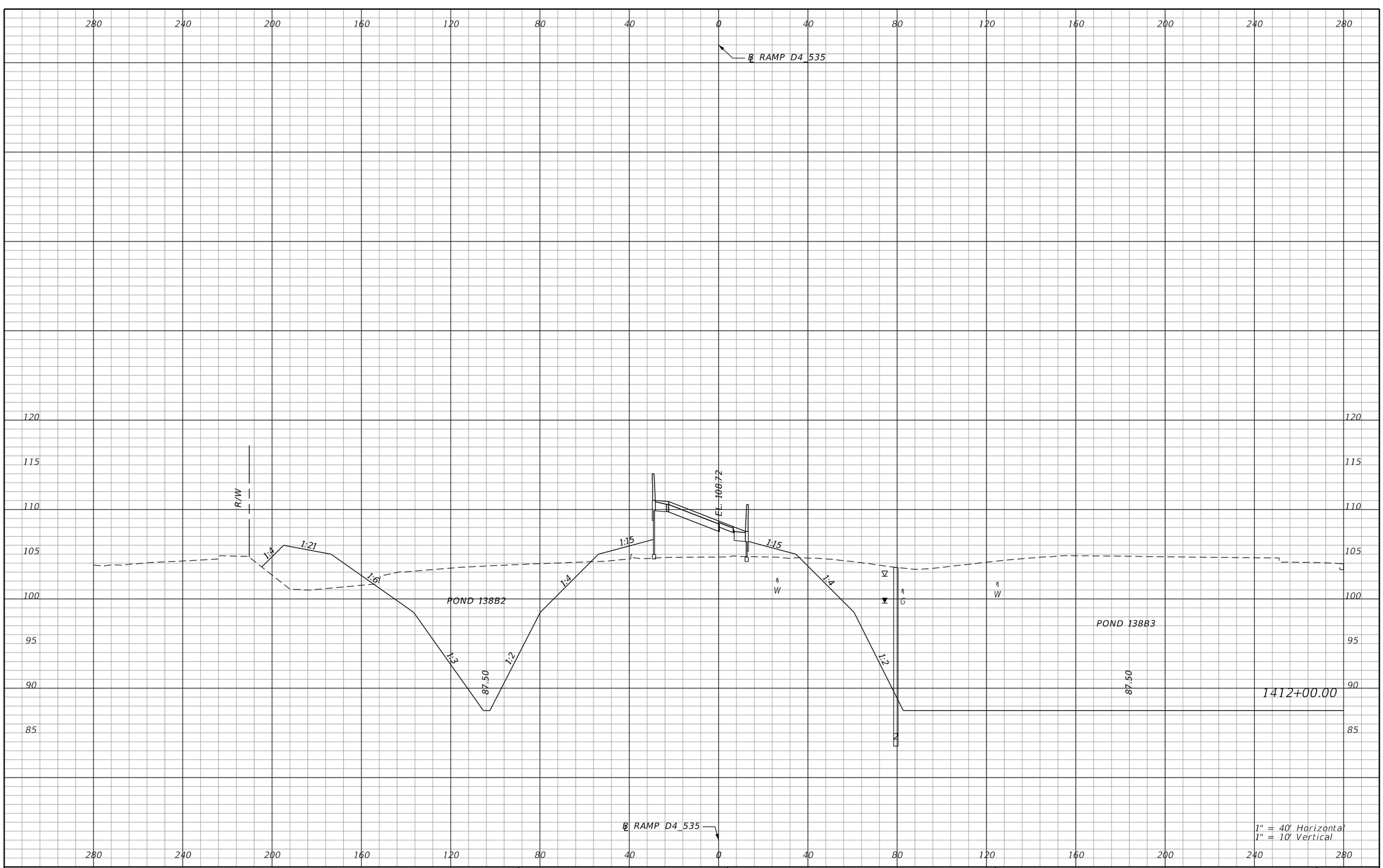

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SR 400	ORANGE	242484-8-52-01

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CROSS SECTIONS

SHEET NO. 1288

PRELIMINARY: NOT FOR CONSTRUCTION

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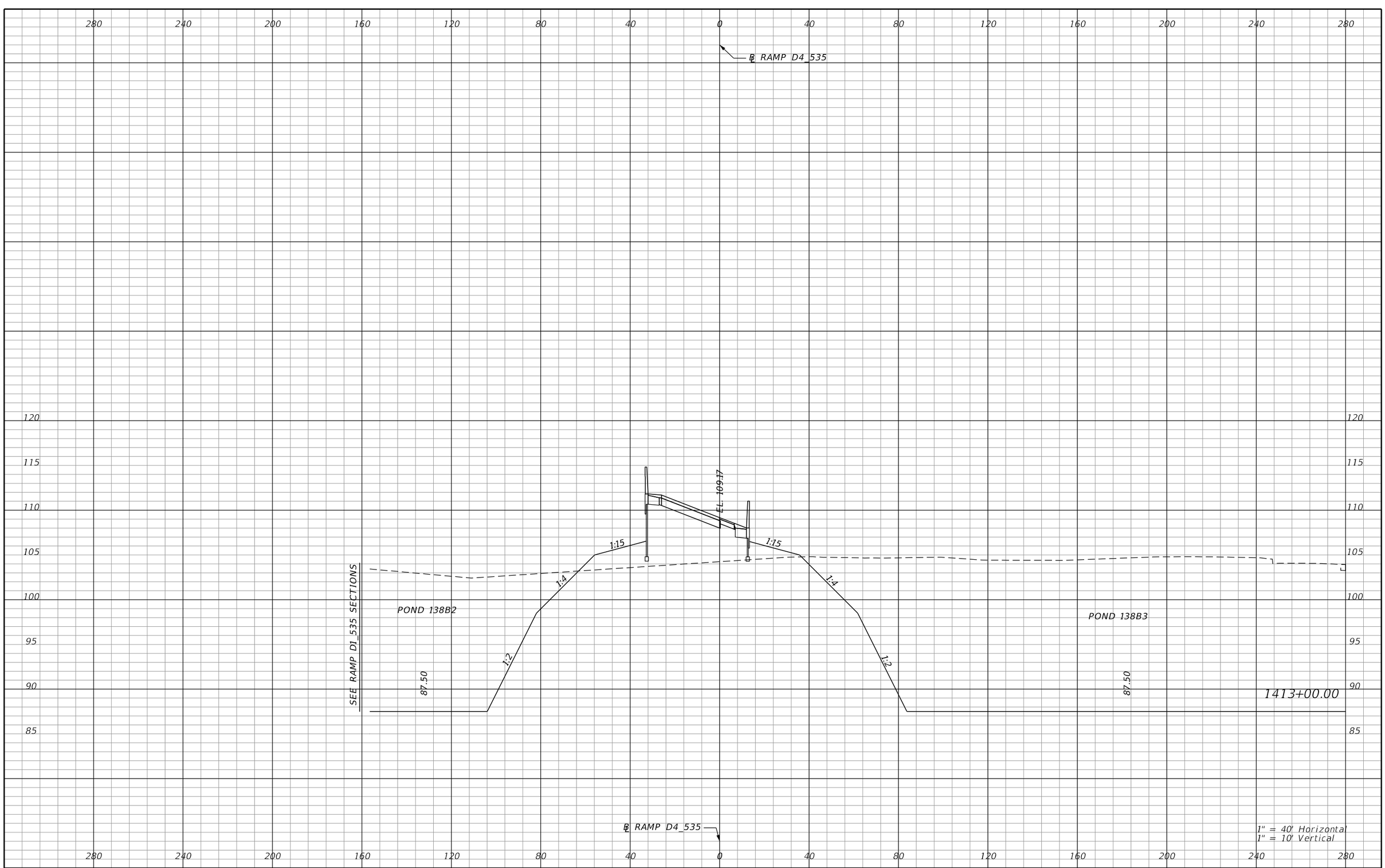

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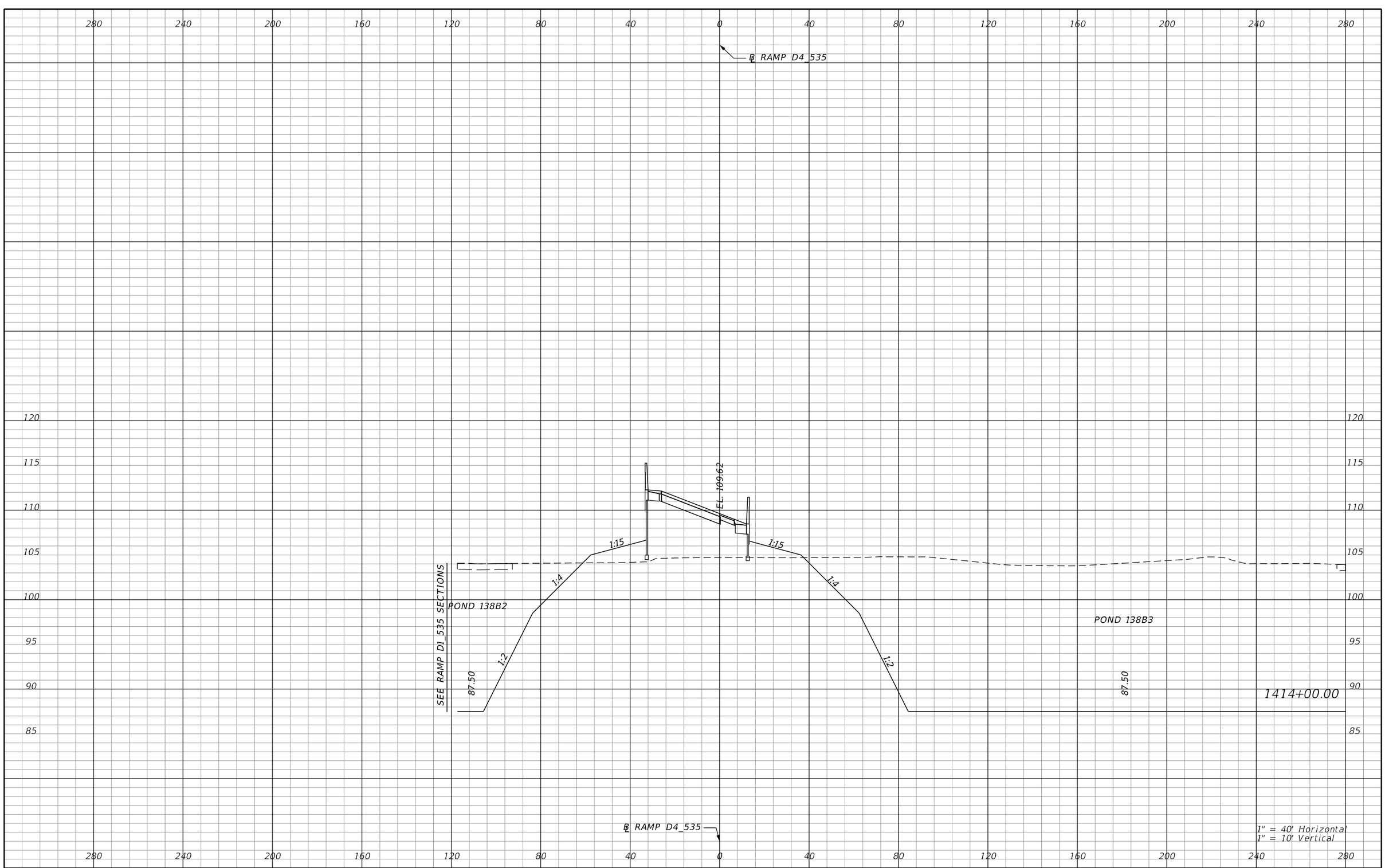

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SHEET NO. 1290

PRELIMINARY: NOT FOR CONSTRUCTION

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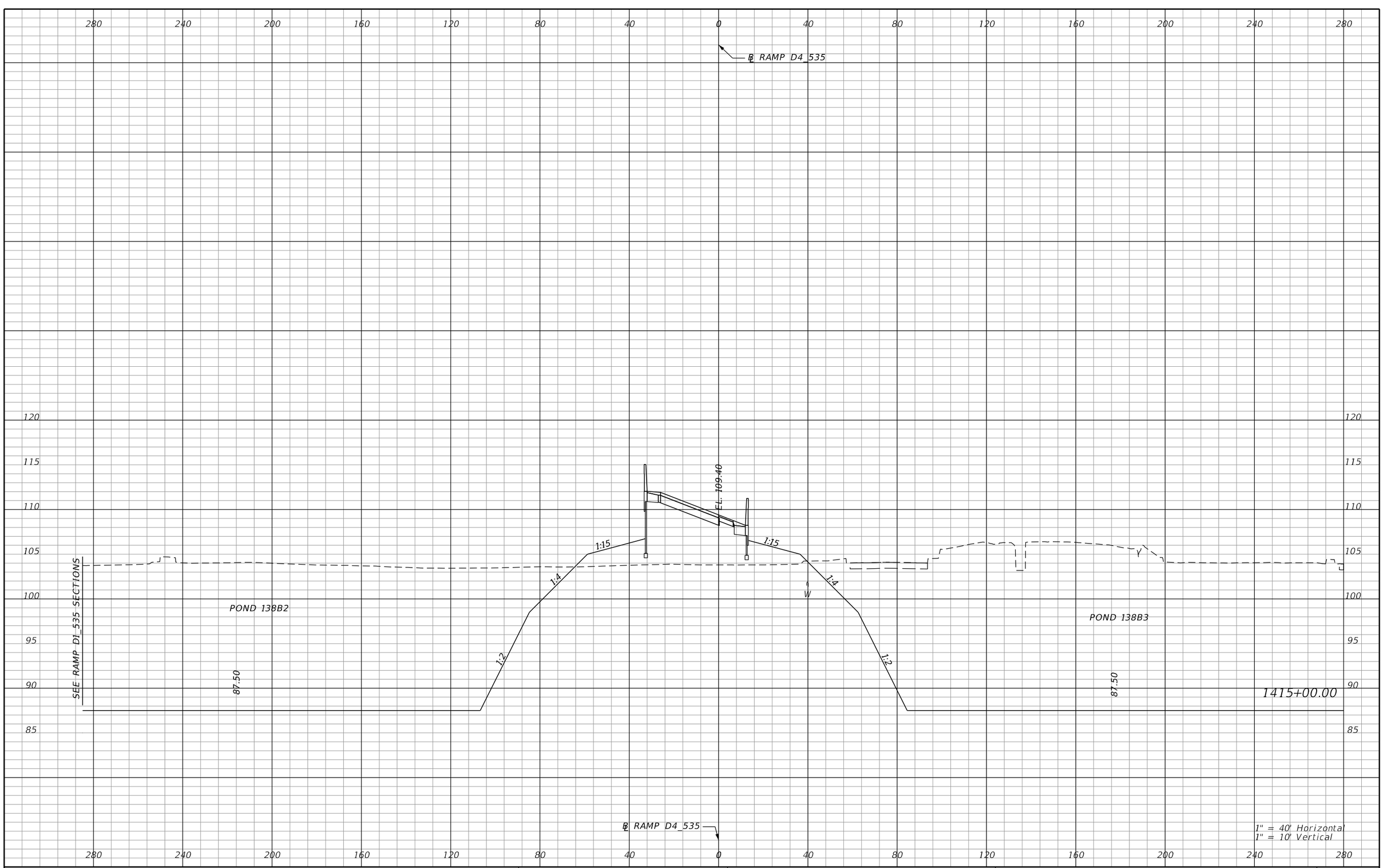

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SHEET NO. 1291

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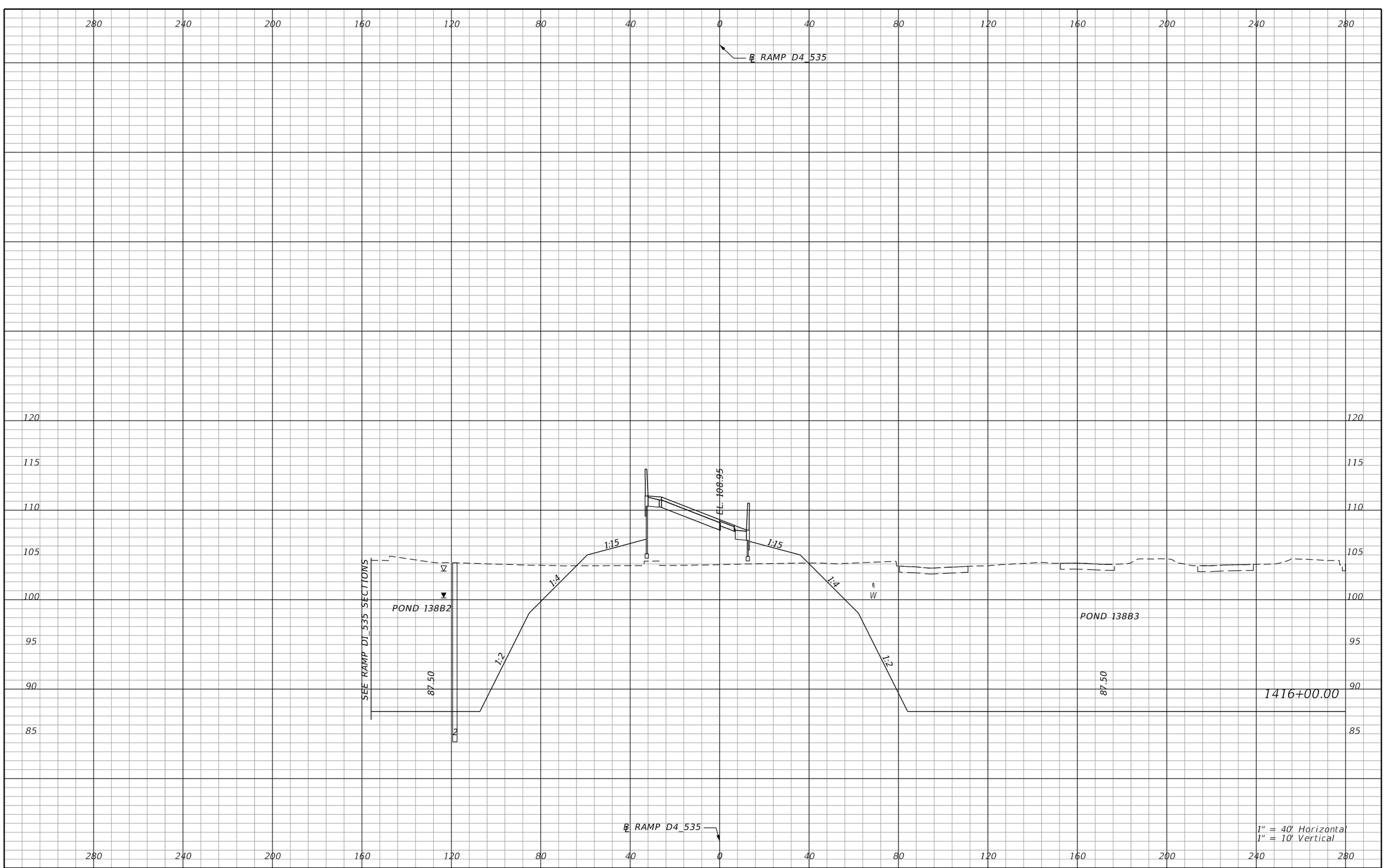

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SHEET NO. 1292

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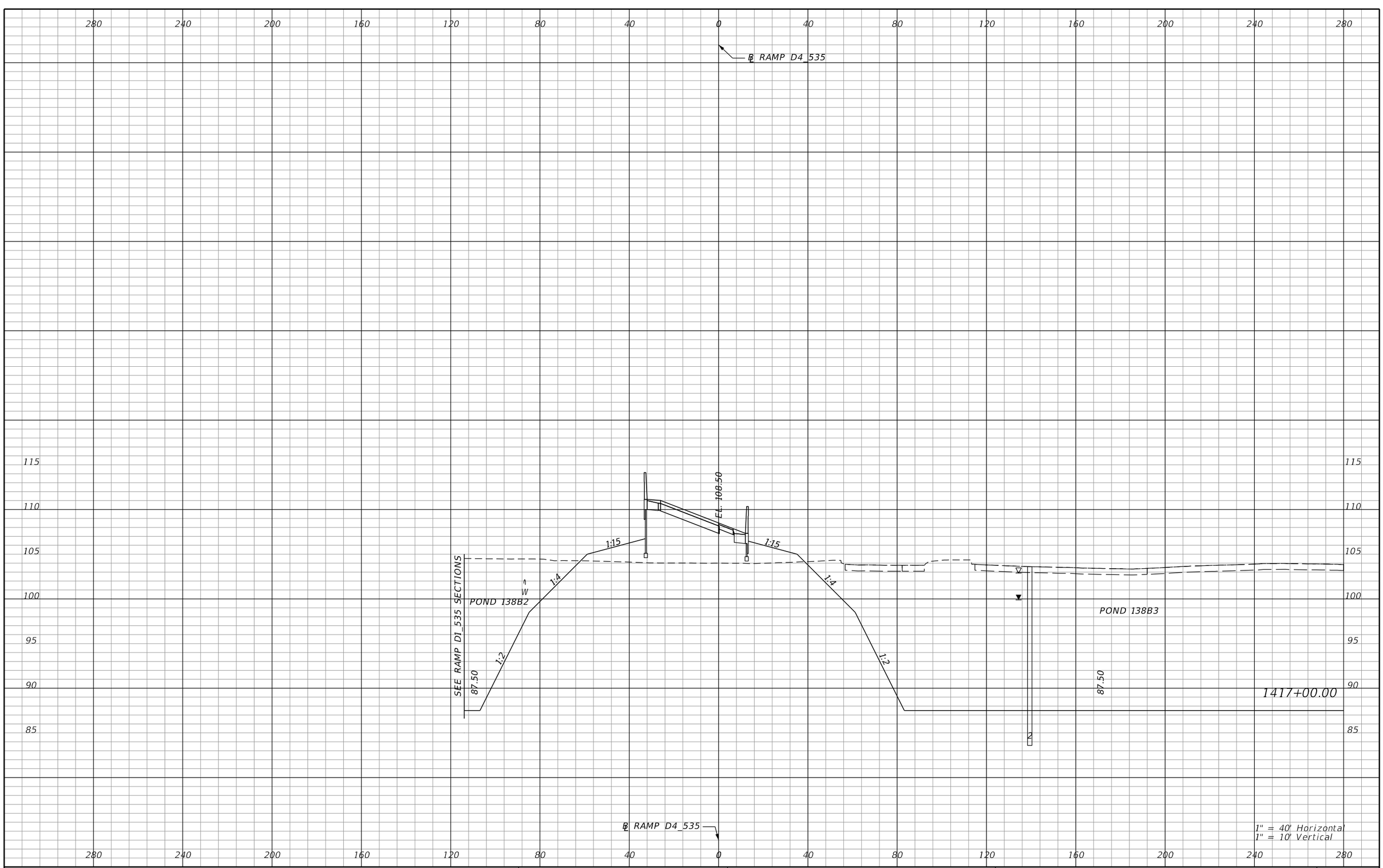

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SHEET NO. 1293

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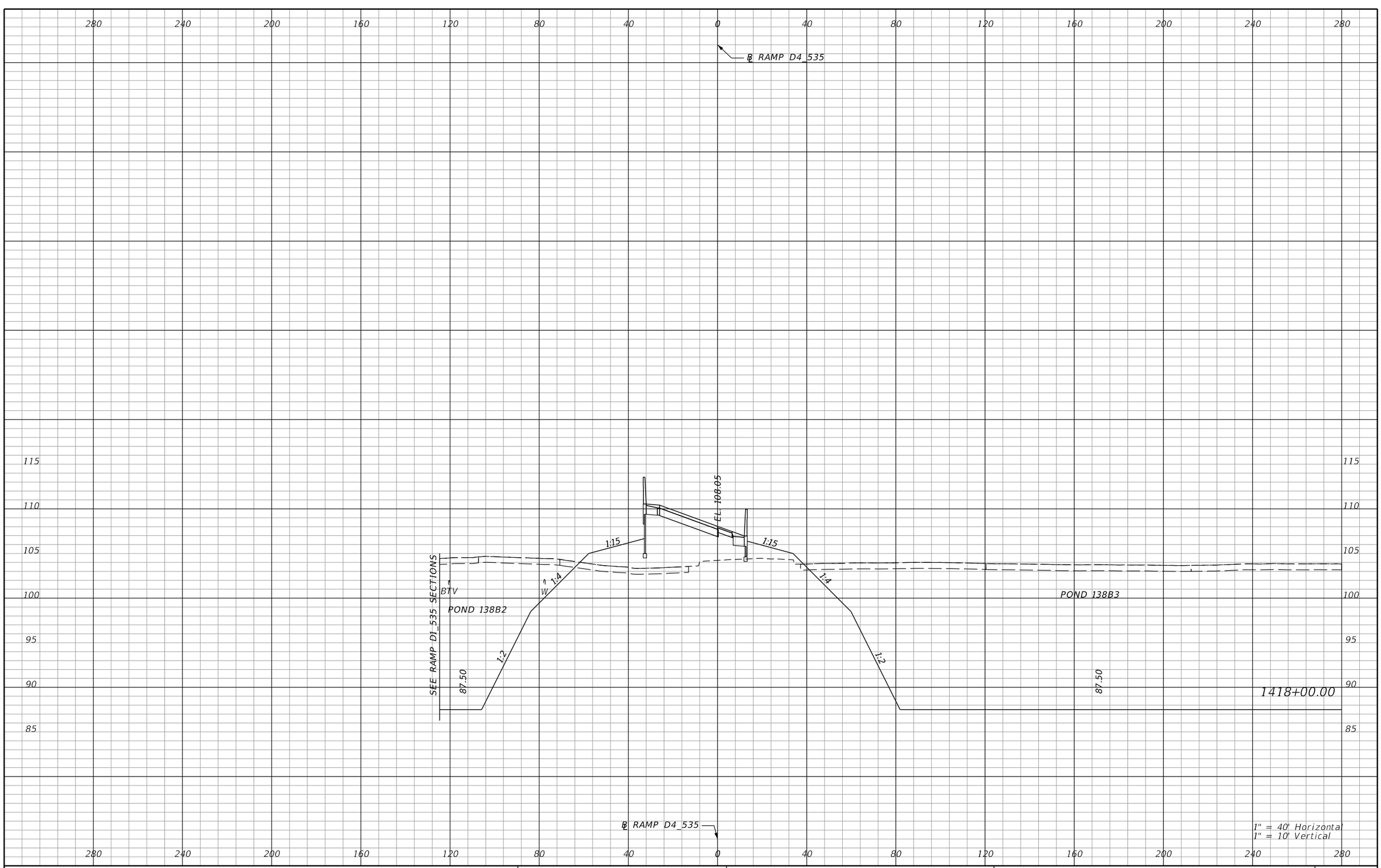

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SHEET NO. 1294

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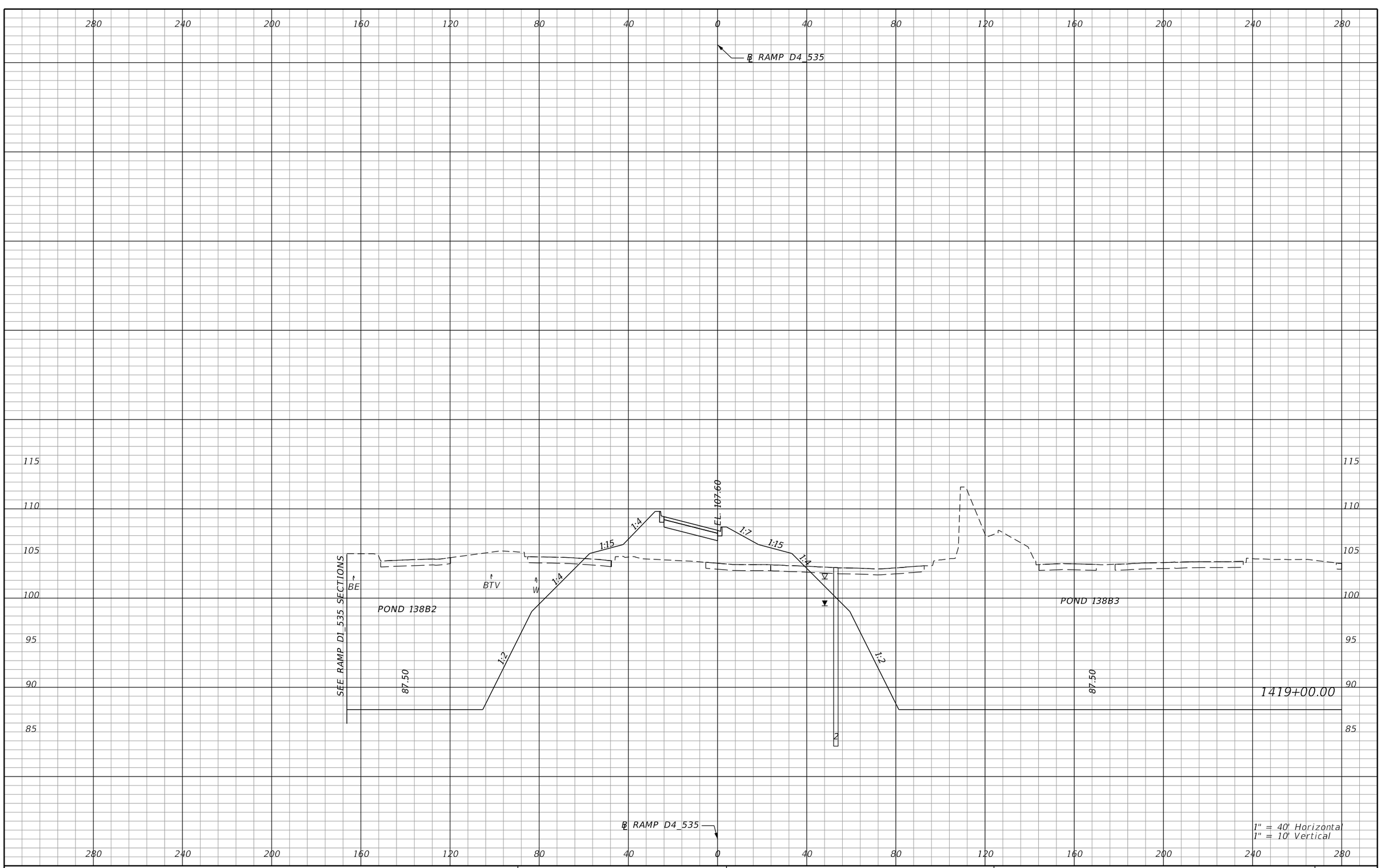

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SR 400	ORANGE	242484-8-52-01

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SHEET NO. 1295

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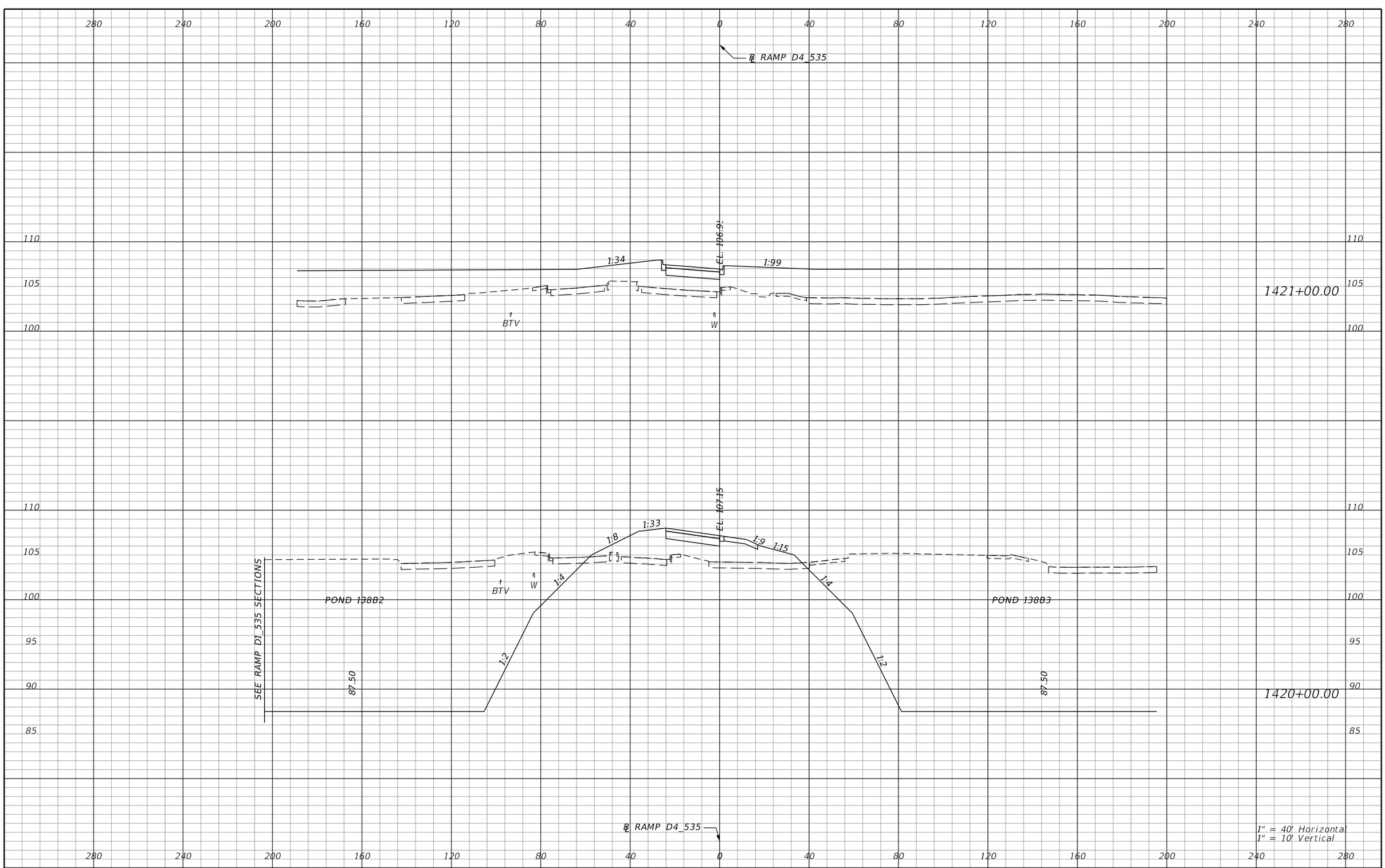

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SR 400	ORANGE	242484-8-52-01

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SHEET NO. 1296

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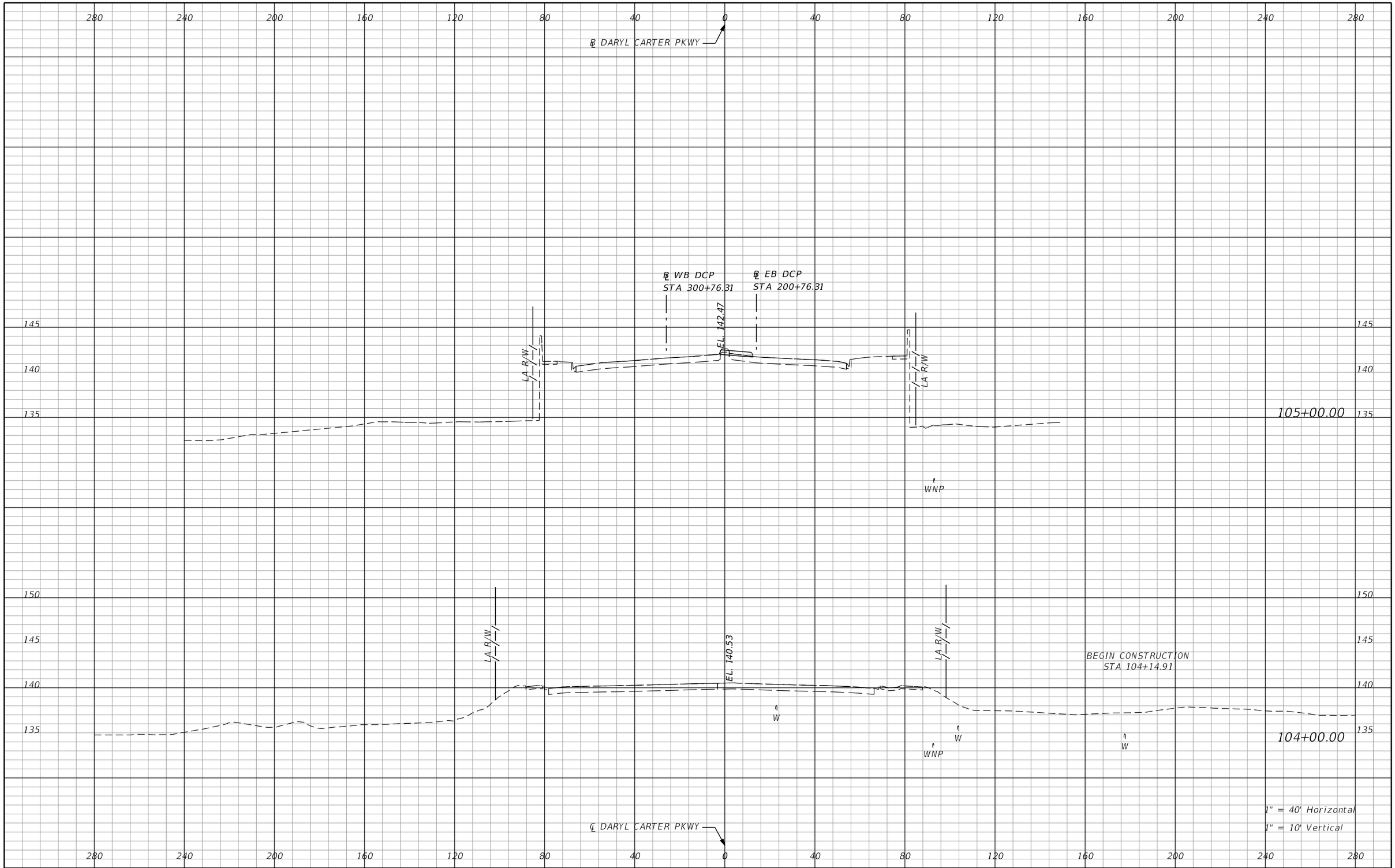

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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DARYL CARTER PKWY
CROSS SECTIONS

SHEET NO. 1297

PRELIMINARY: NOT FOR CONSTRUCTION

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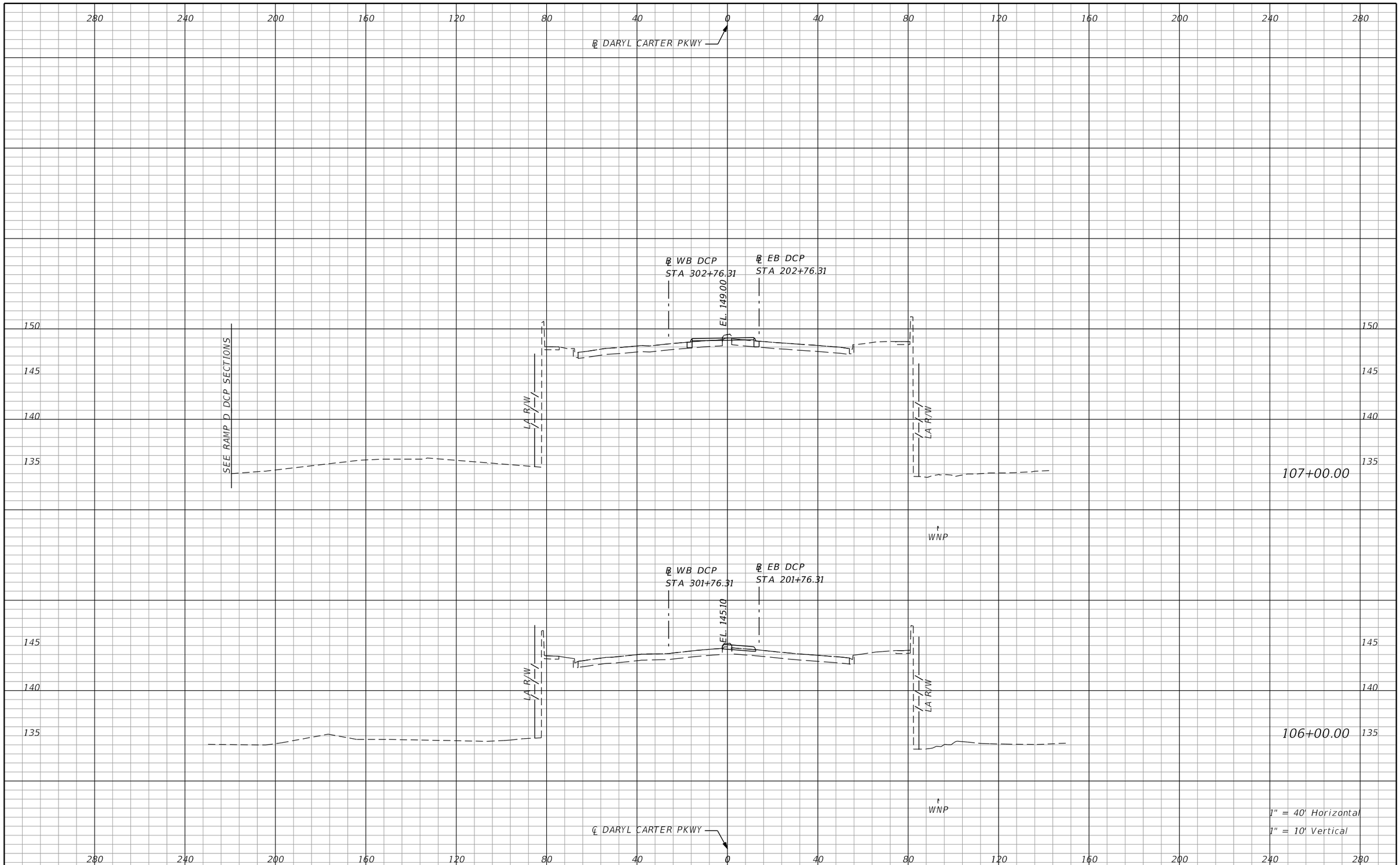

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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DARYL CARTER PKWY
CROSS SECTIONS

SHEET NO. 1298

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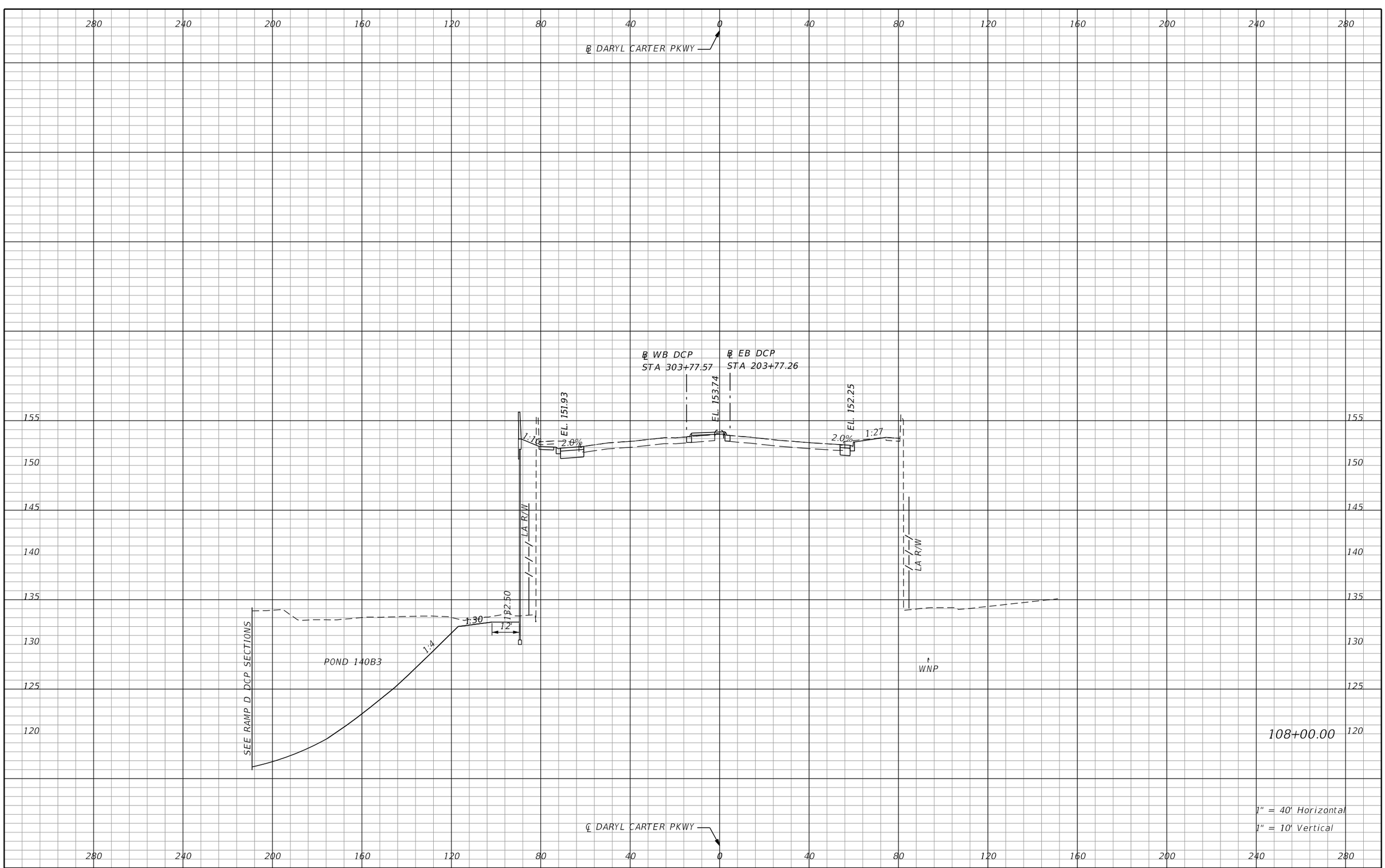

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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DARYL CARTER PKWY CROSS SECTIONS

SHEET NO. 1299

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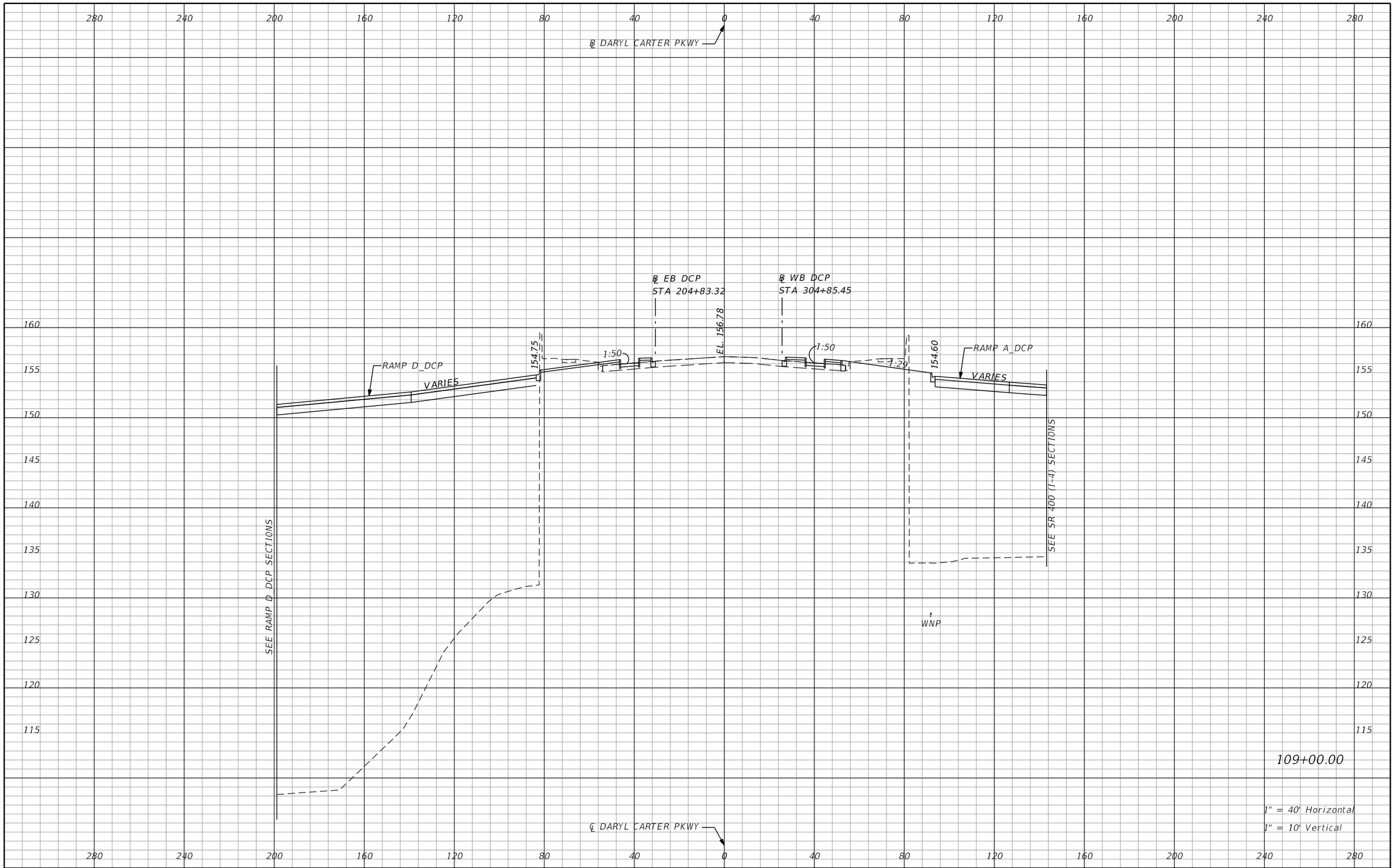

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SHEET NO. 1300

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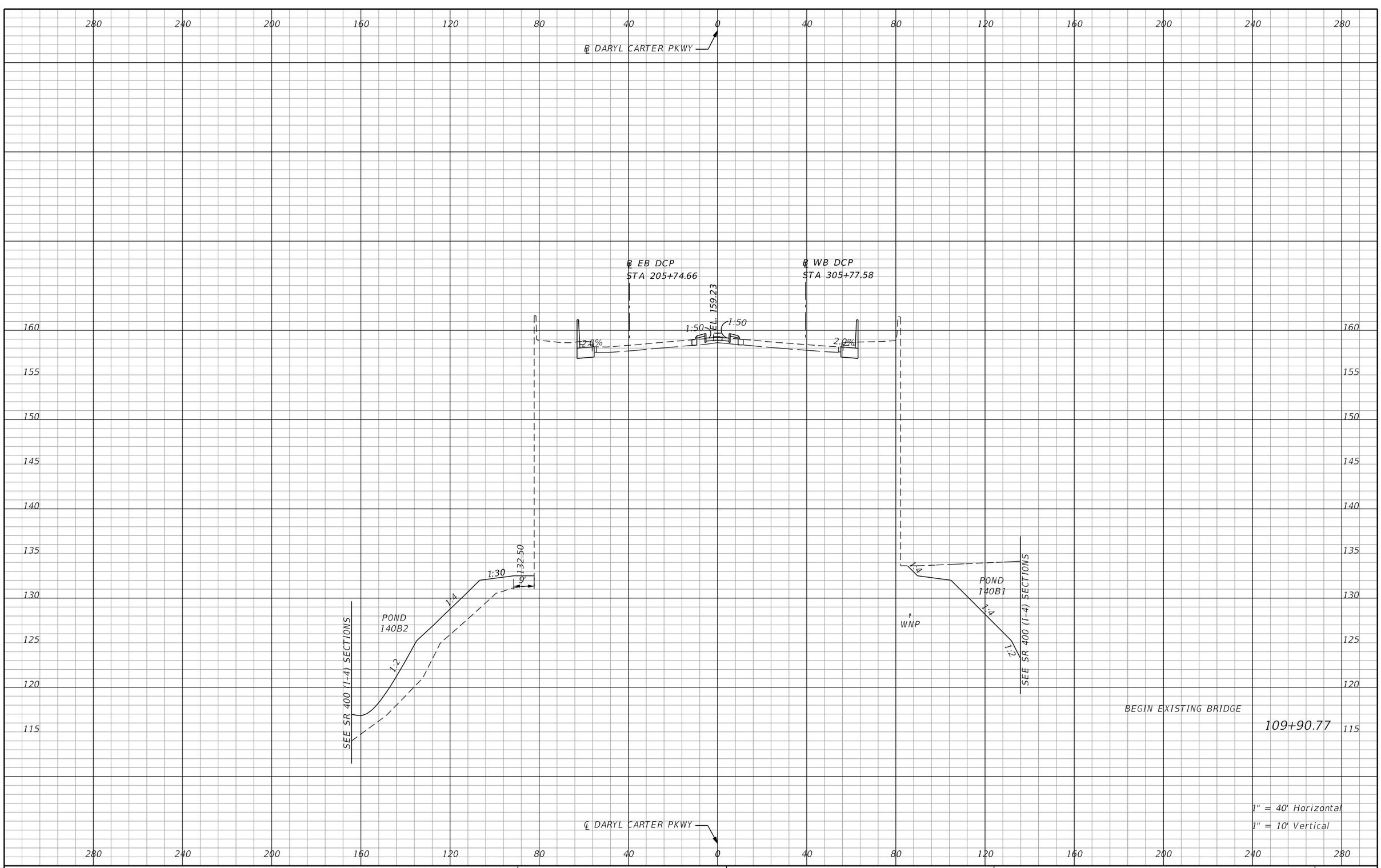

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DARYL CARTER PKWY CROSS SECTIONS

SHEET NO. 1301

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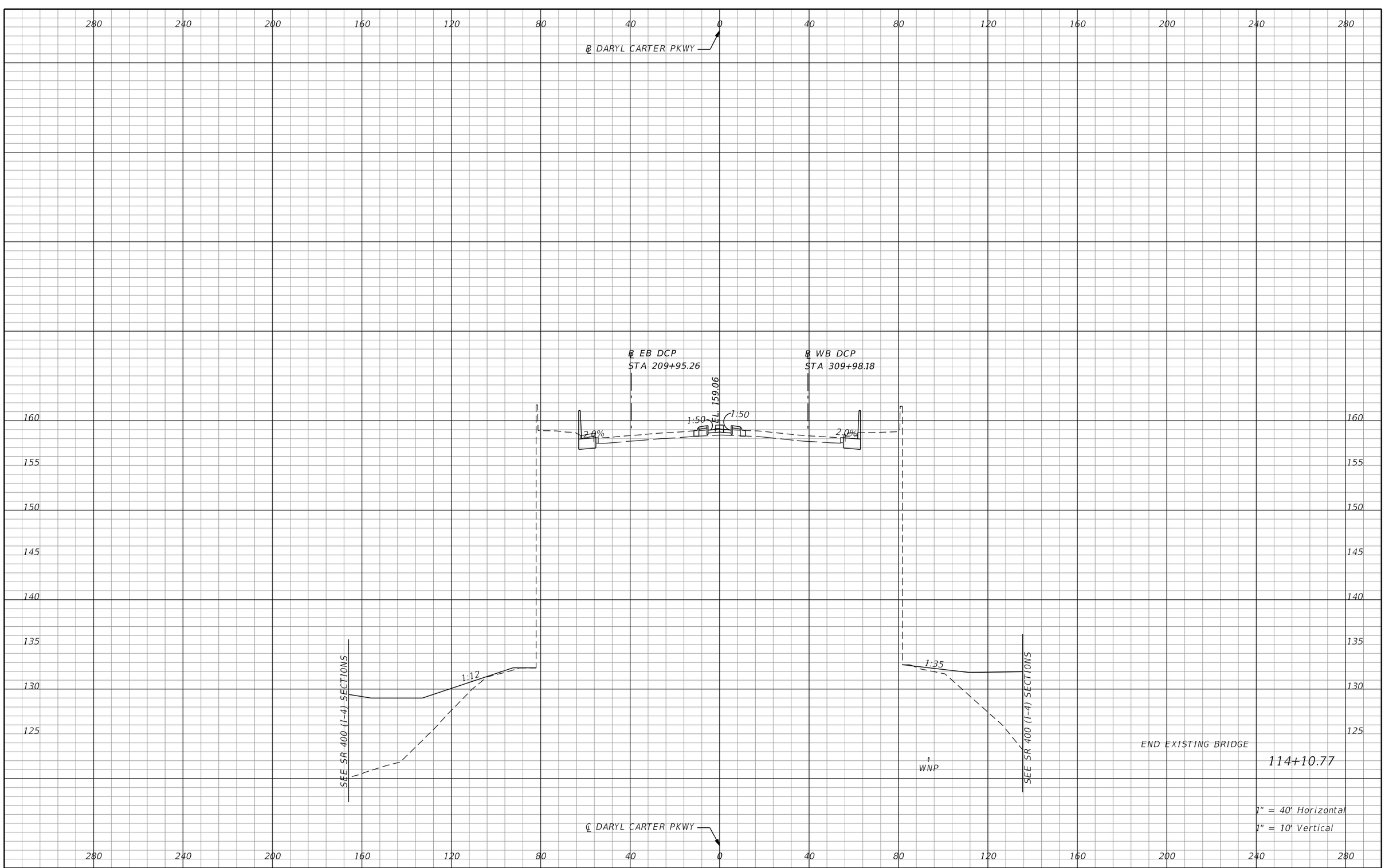

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DARYL CARTER PKWY CROSS SECTIONS

SHEET NO. 1302

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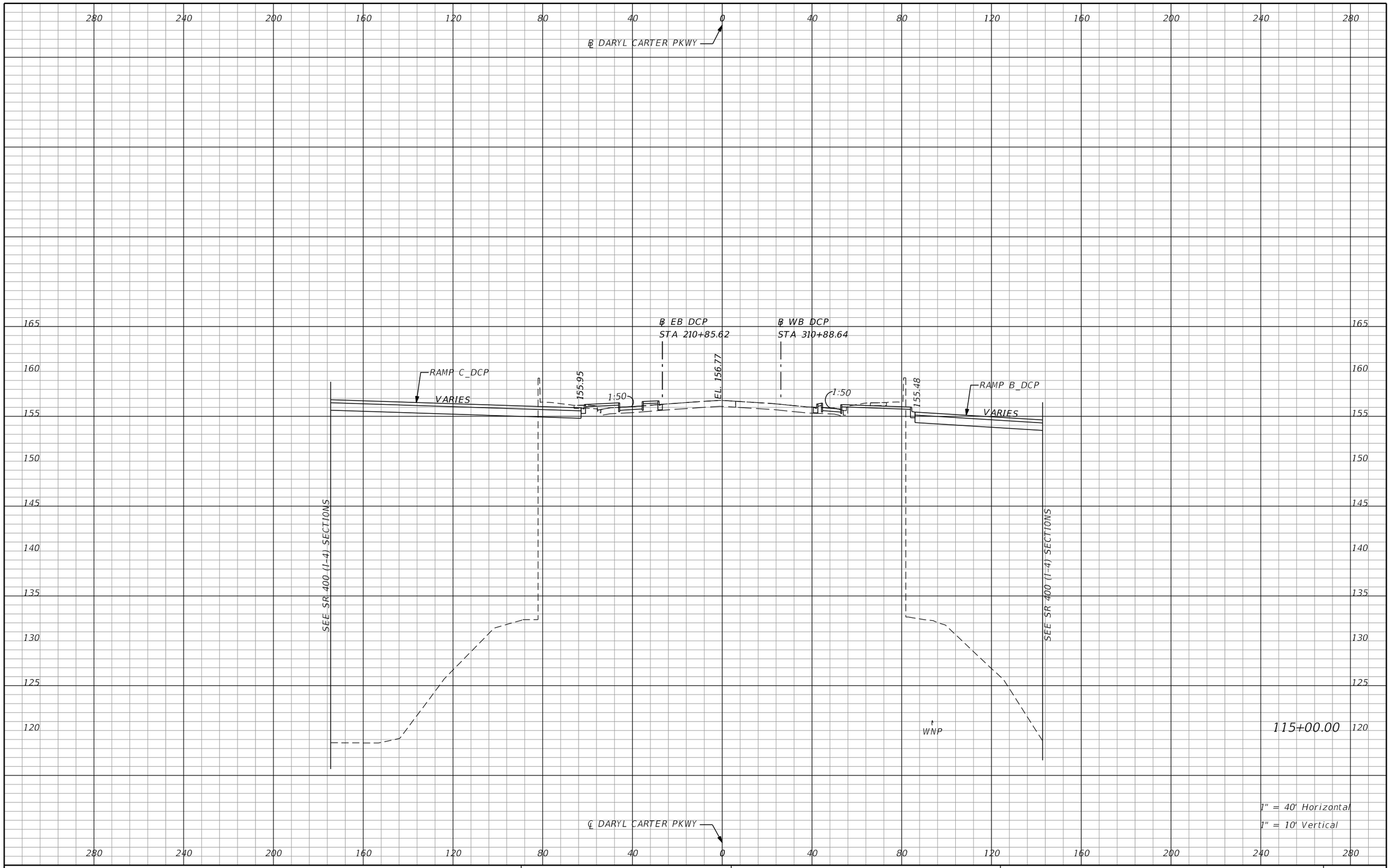

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DARYL CARTER PKWY CROSS SECTIONS

SHEET NO. 1303

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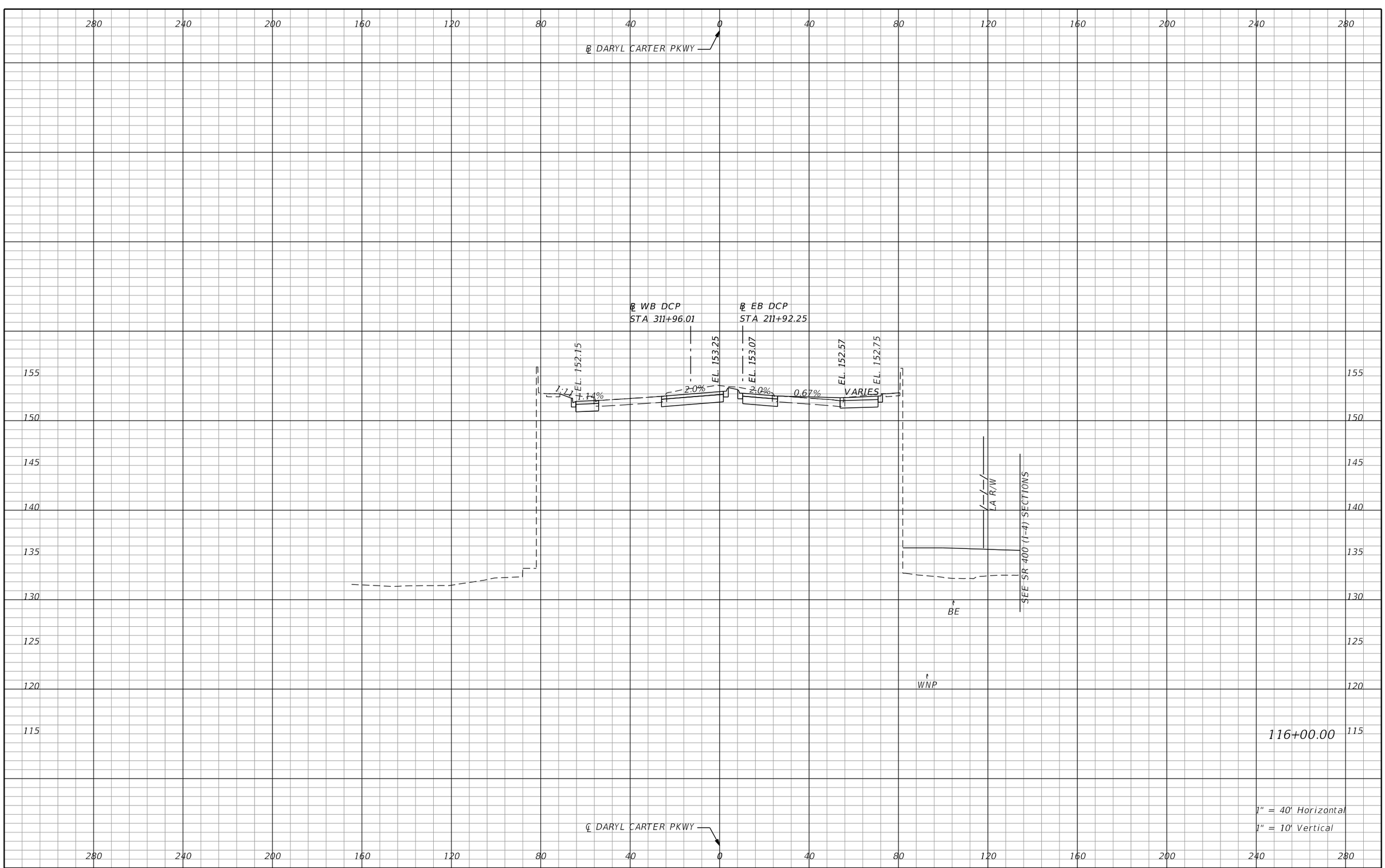

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DARYL CARTER PKWY CROSS SECTIONS

SHEET NO. 1304

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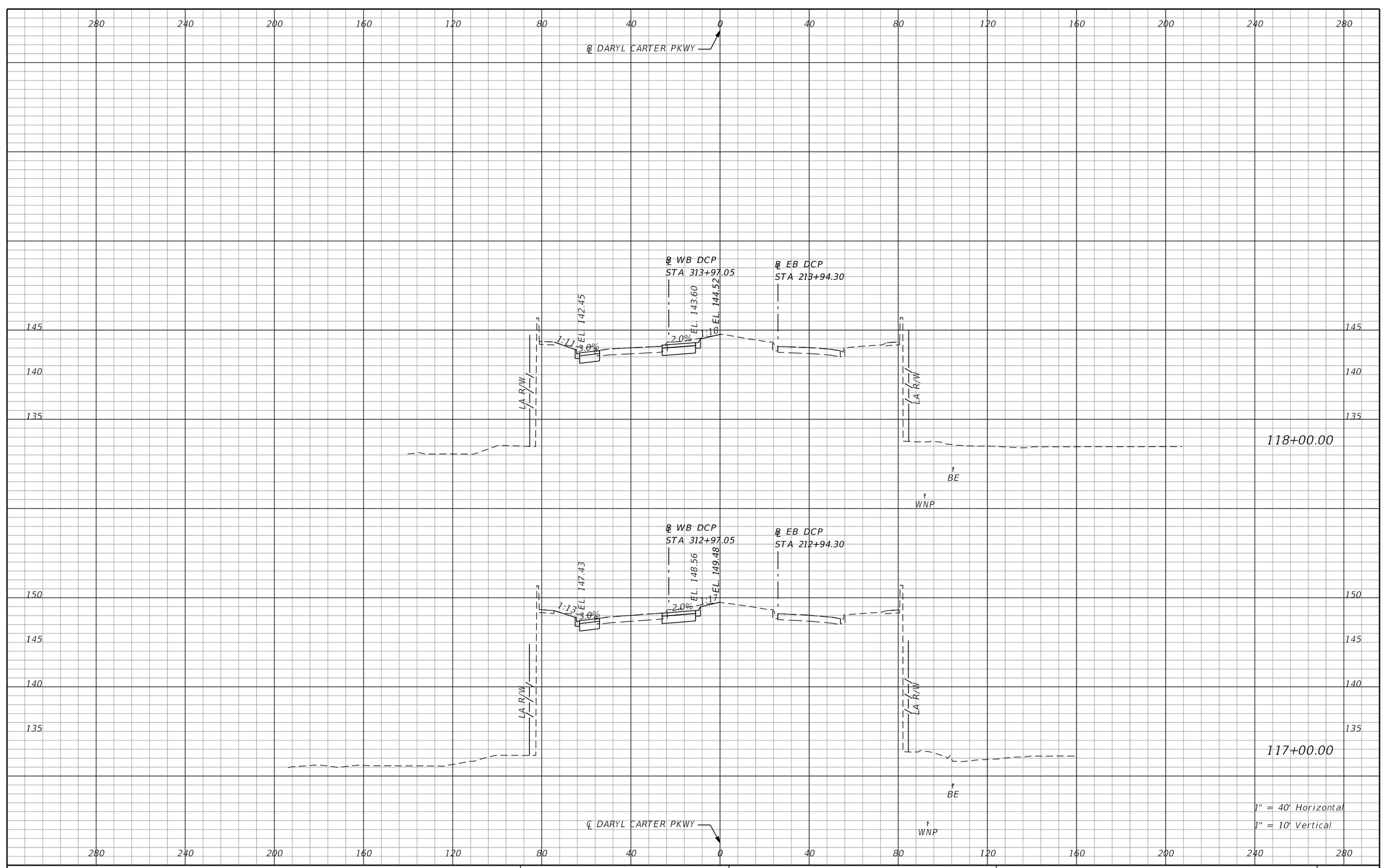

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www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DARYL CARTER PKWY CROSS SECTIONS

SHEET NO. 1305

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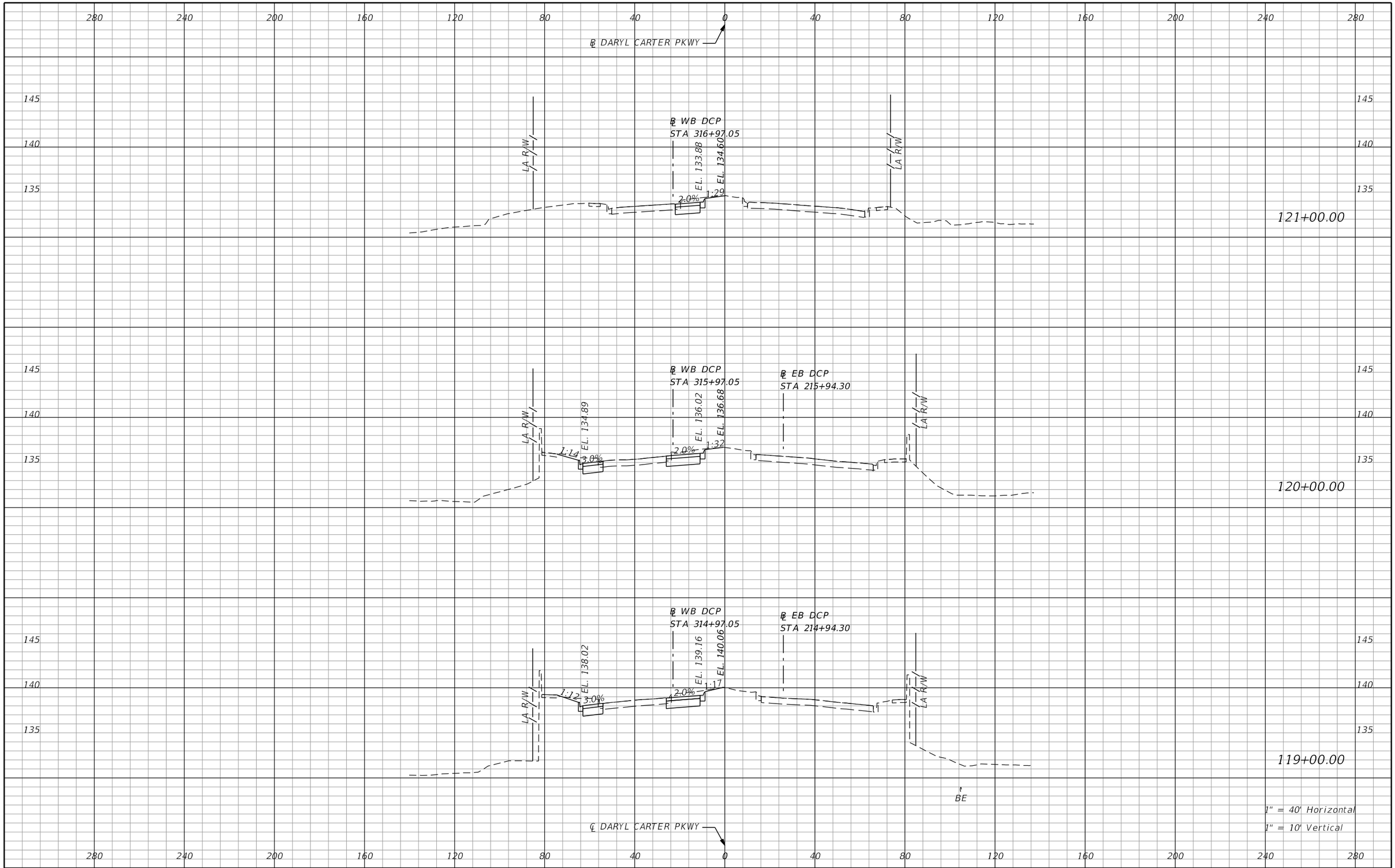

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DARYL CARTER PKWY CROSS SECTIONS

SHEET NO. 1306

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280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ DARYL CARTER PKWY

145
140
135
130

R/W

EL. 133.19

R/W

122+00.00

END CONSTRUCTION
STA 121+98.00

1" = 40' Horizontal
1" = 10' Vertical

℄ DARYL CARTER PKWY

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

DARYL CARTER PKWY
CROSS SECTIONS

SHEET NO. 1307

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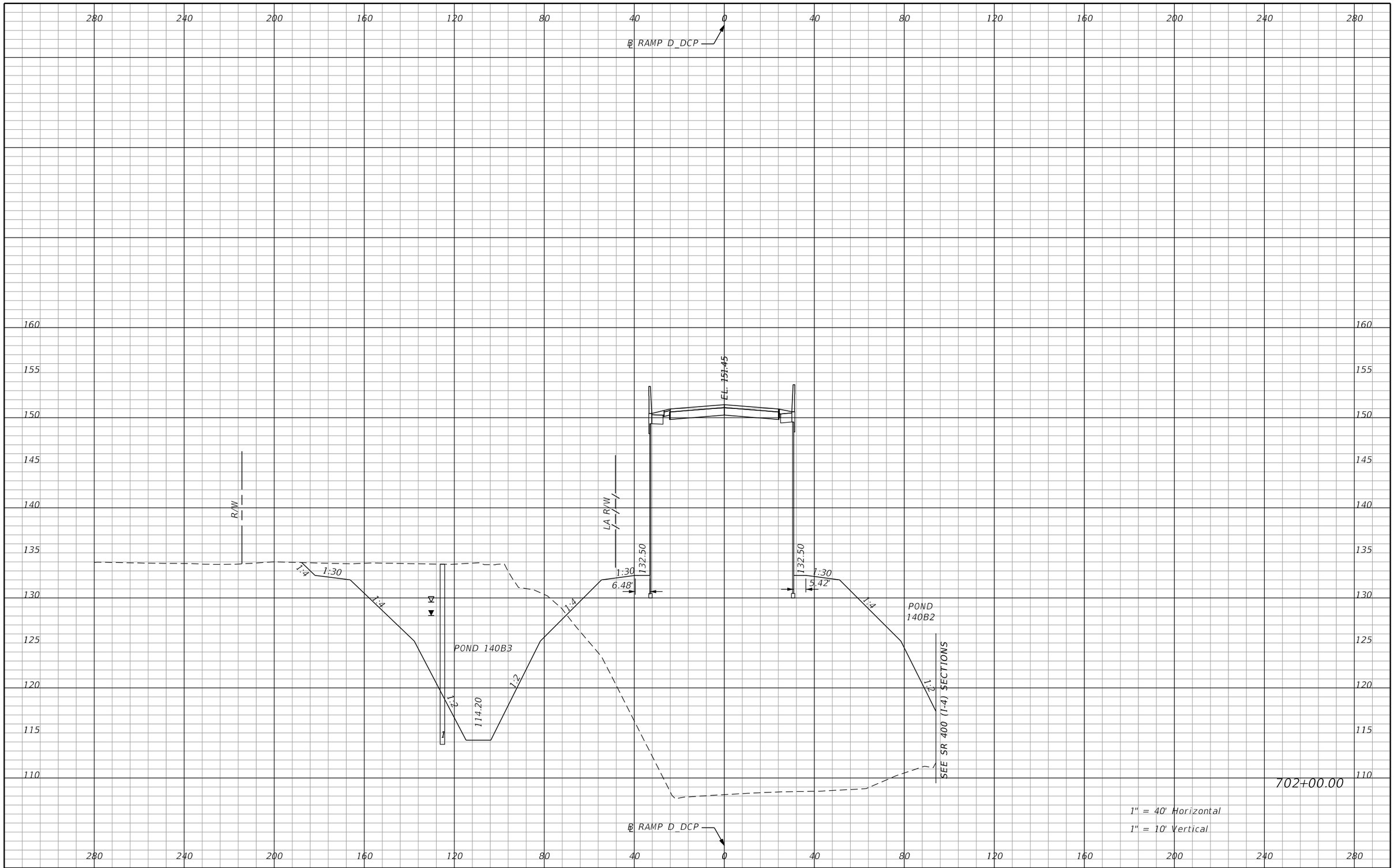

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D_DCP
CROSS SECTIONS

SHEET NO. 1308

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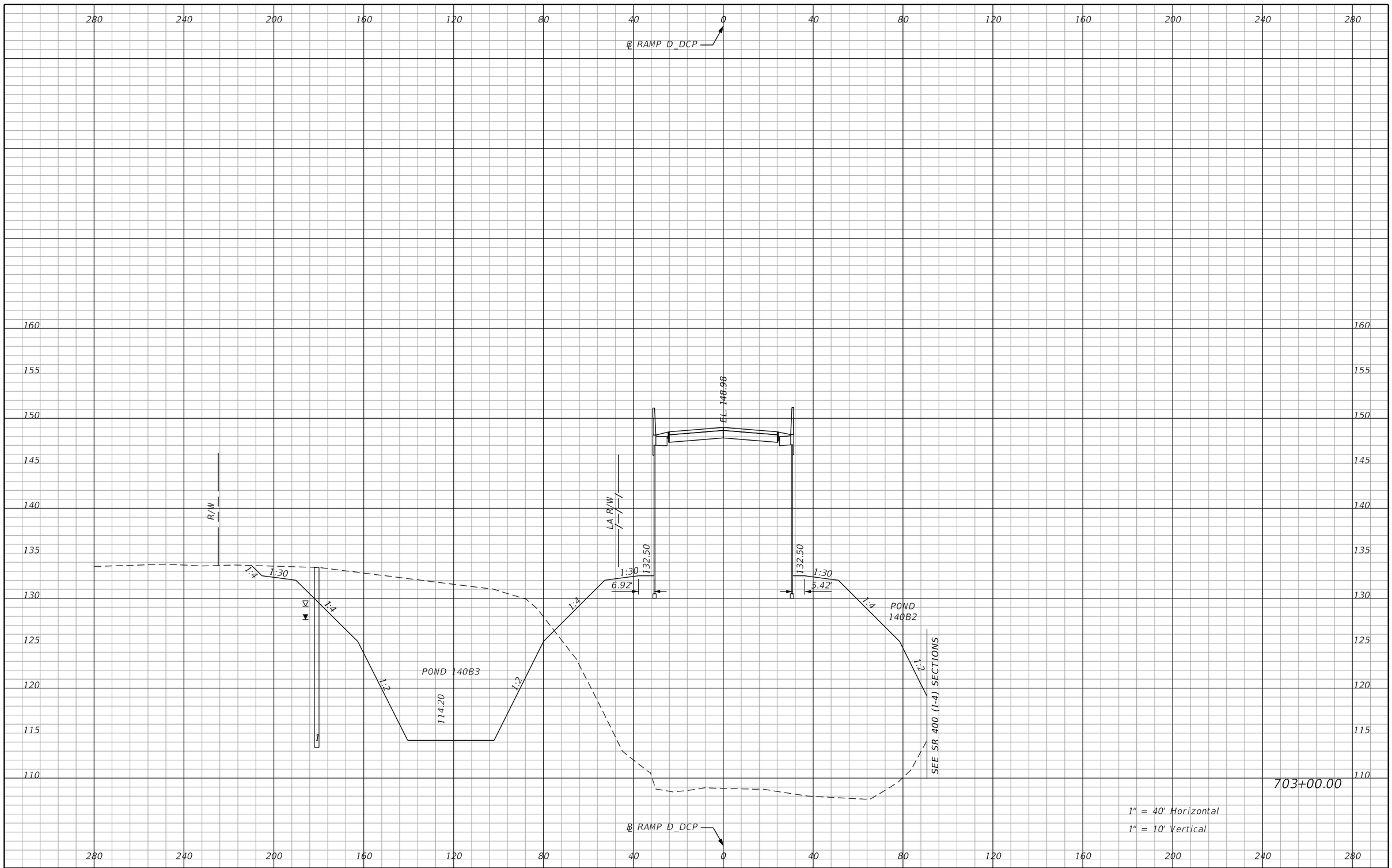

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D_DCP
CROSS SECTIONS

SHEET NO. 1309

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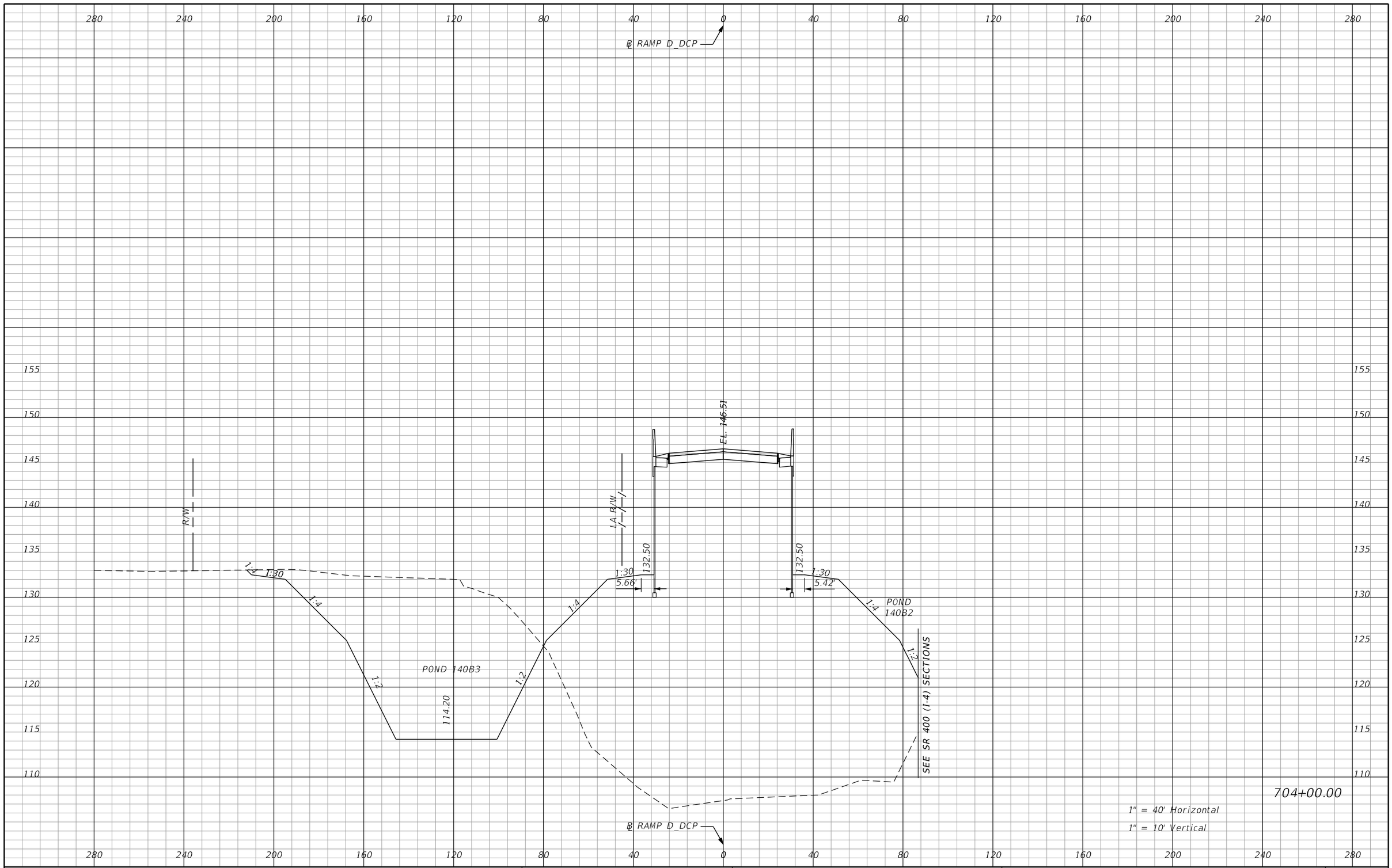

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

RAMP D_DCP
CROSS SECTIONS

SHEET NO. 1310

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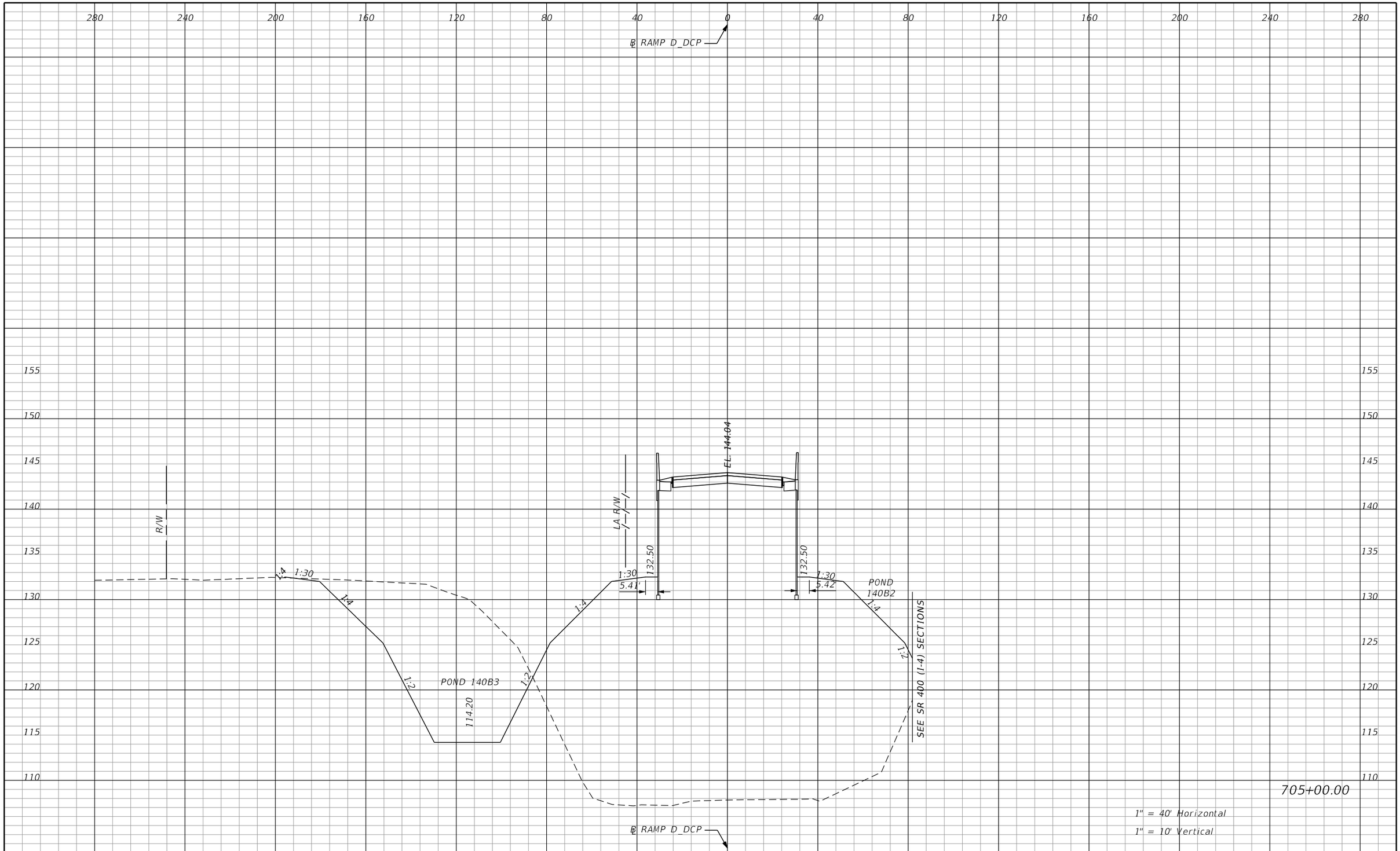

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

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CROSS SECTIONS

SHEET NO. 1311

PRELIMINARY: NOT FOR CONSTRUCTION

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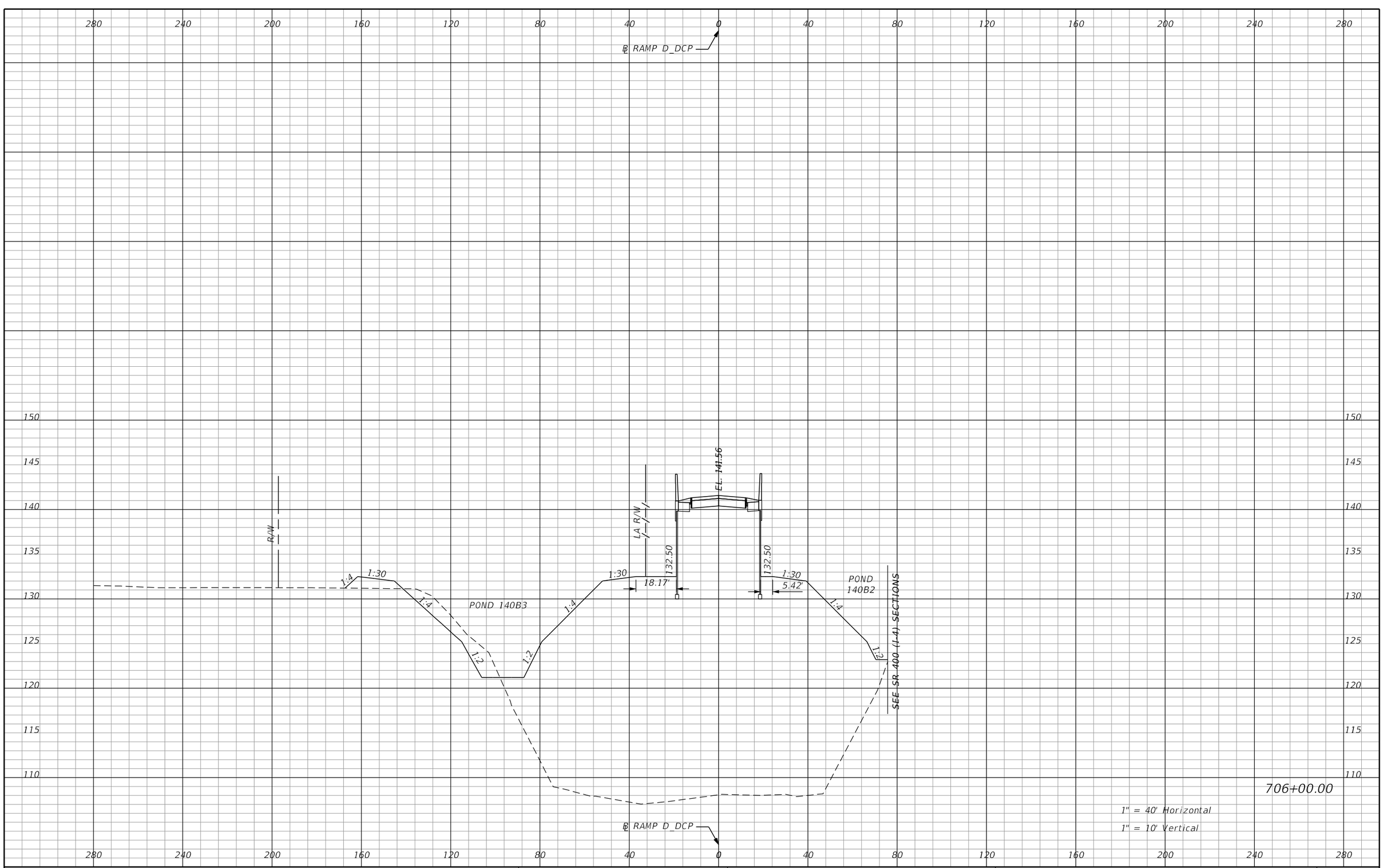

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

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CROSS SECTIONS

SHEET NO.
1312

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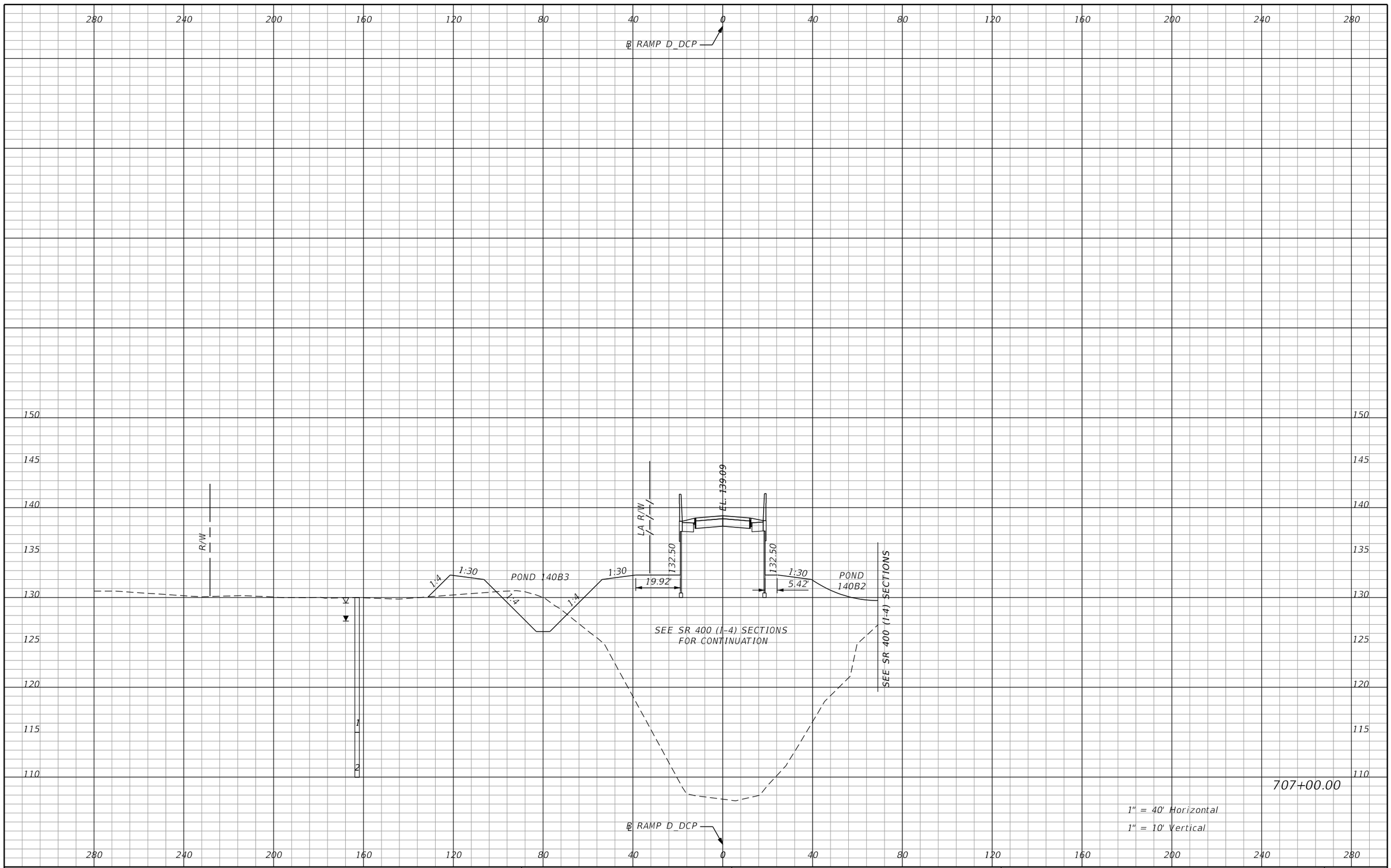

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SR 400	ORANGE	242484-8-52-01

RAMP D_DCP
CROSS SECTIONS

SHEET NO. 1313

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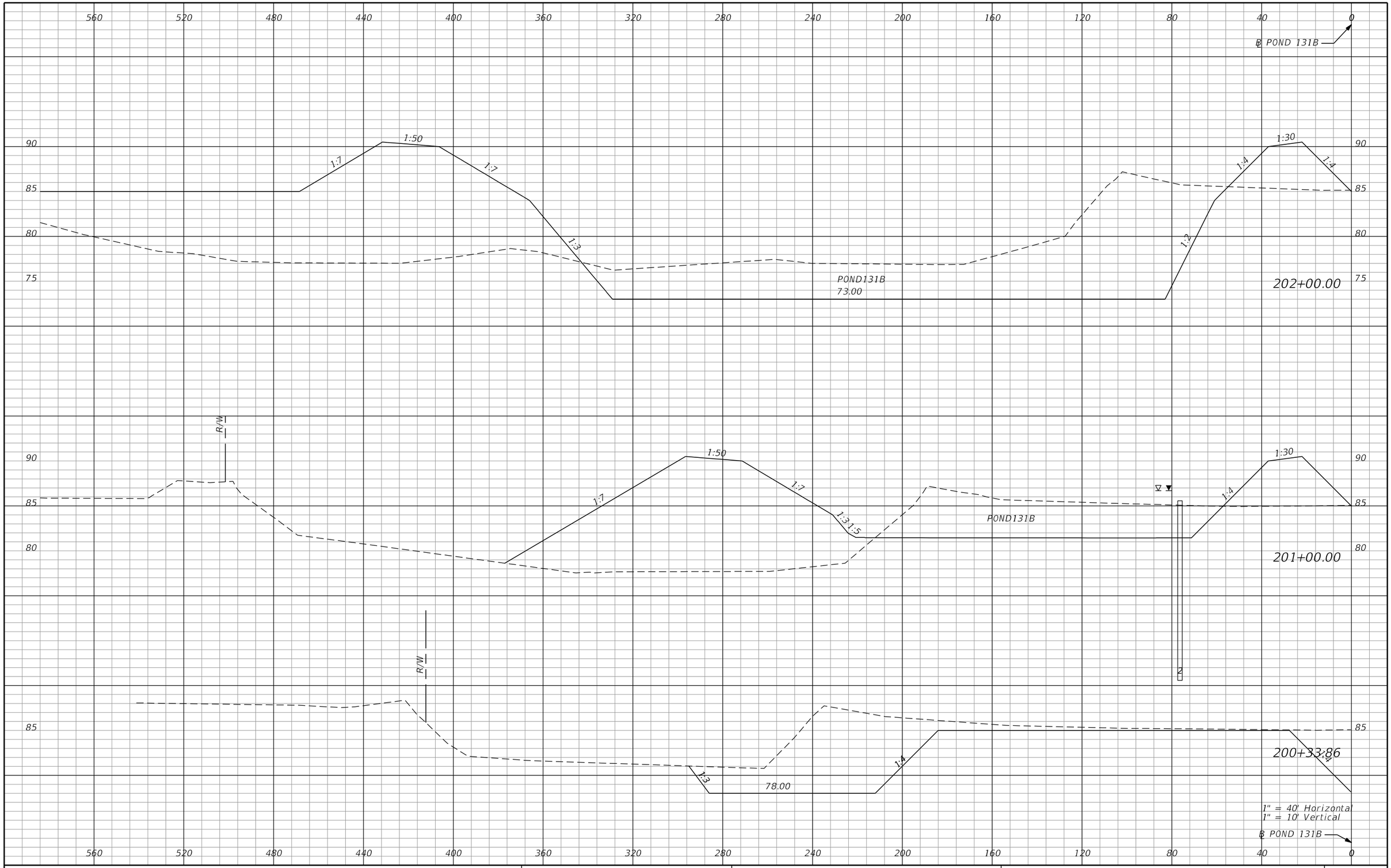

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SR 400	ORANGE	242484-8-52-01

POND 131B
CROSS SECTIONS

SHEET NO.
1314

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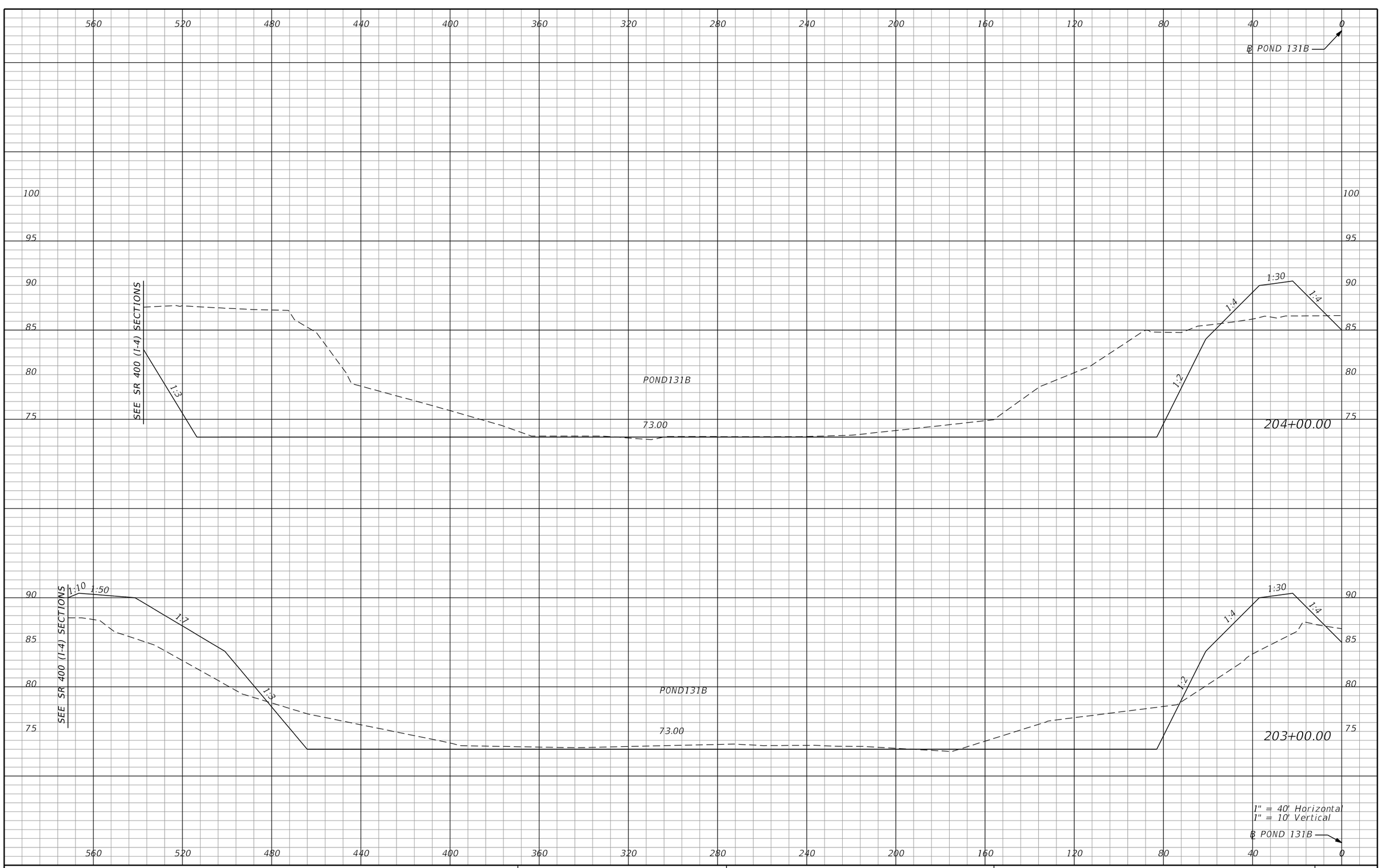

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SR 400	ORANGE	242484-8-52-01

POND 131B CROSS SECTIONS

SHEET NO. 1315

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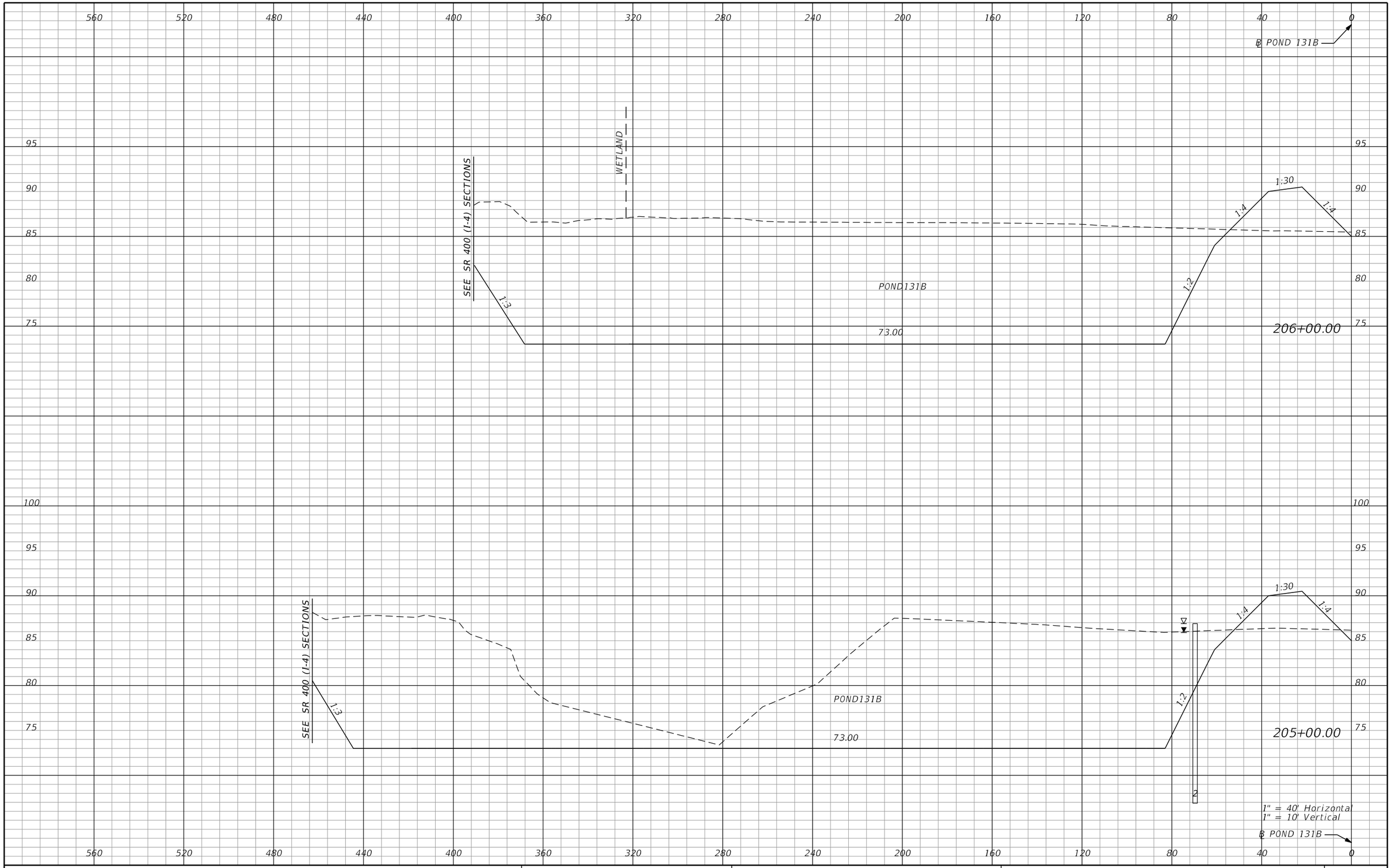

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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POND 131B CROSS SECTIONS

SHEET NO. 1316

PRELIMINARY: NOT FOR CONSTRUCTION

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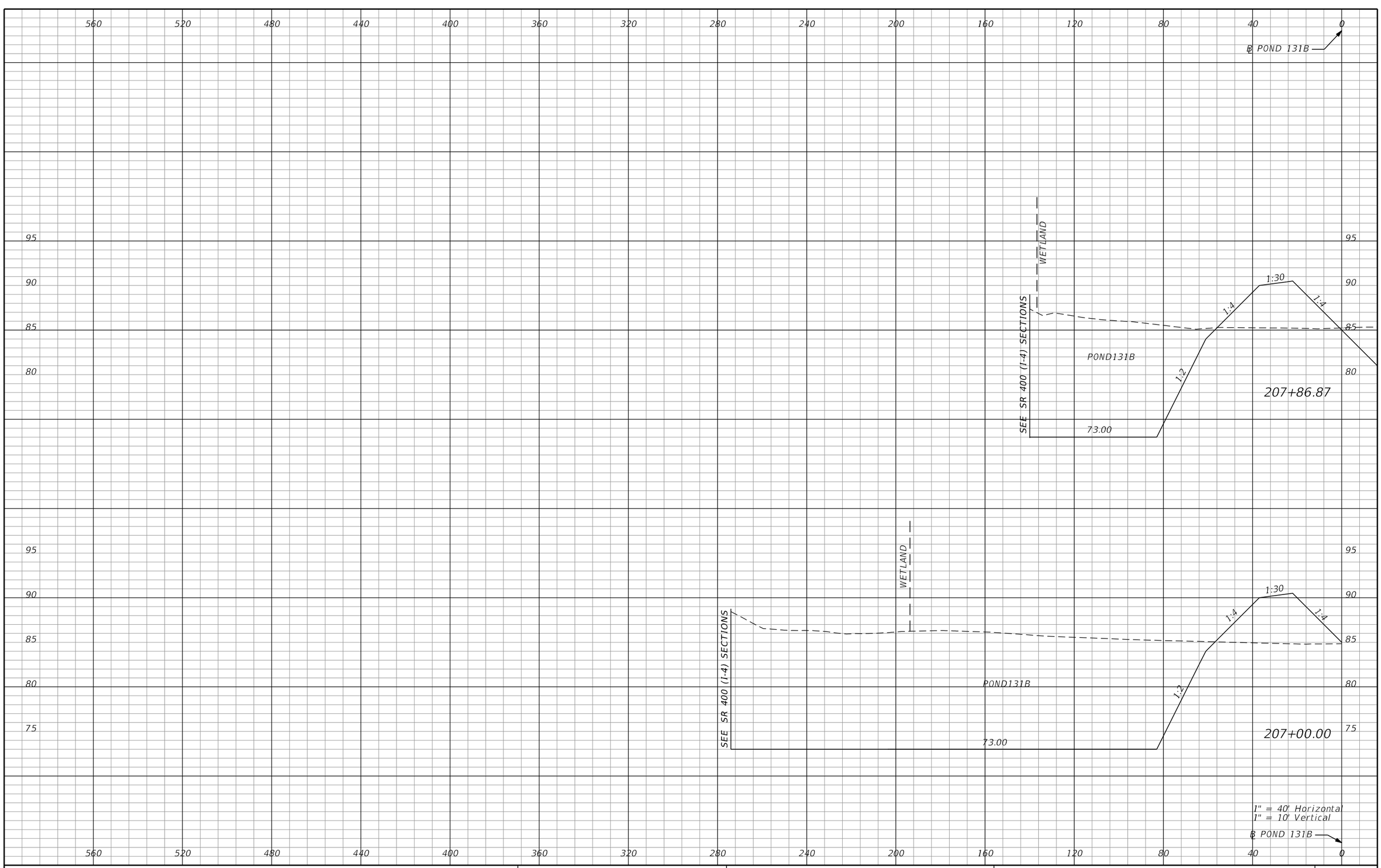

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POND 131B CROSS SECTIONS

SHEET NO. 1317

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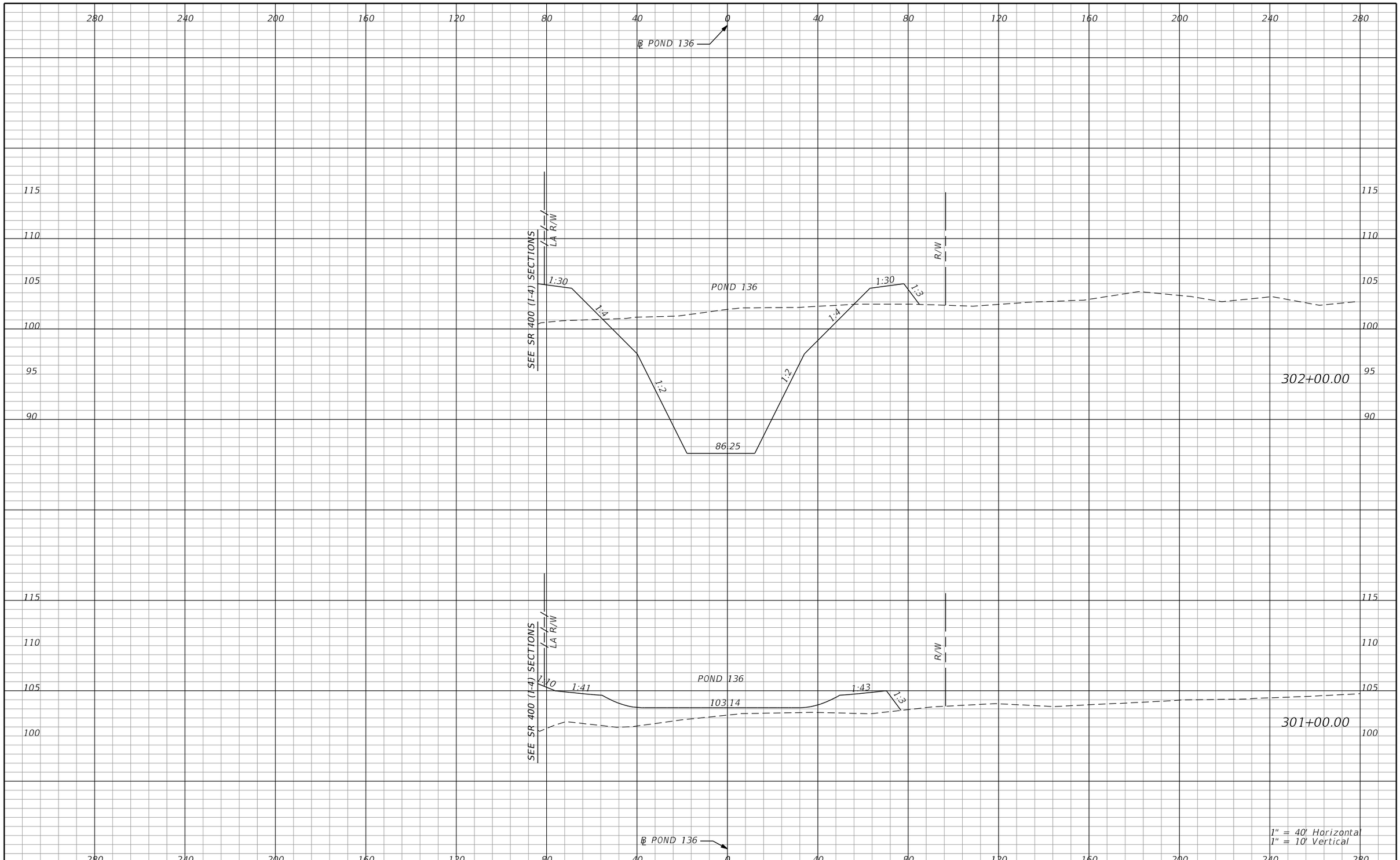

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 136
CROSS SECTIONS

SHEET NO. 1318

PRELIMINARY: NOT FOR CONSTRUCTION

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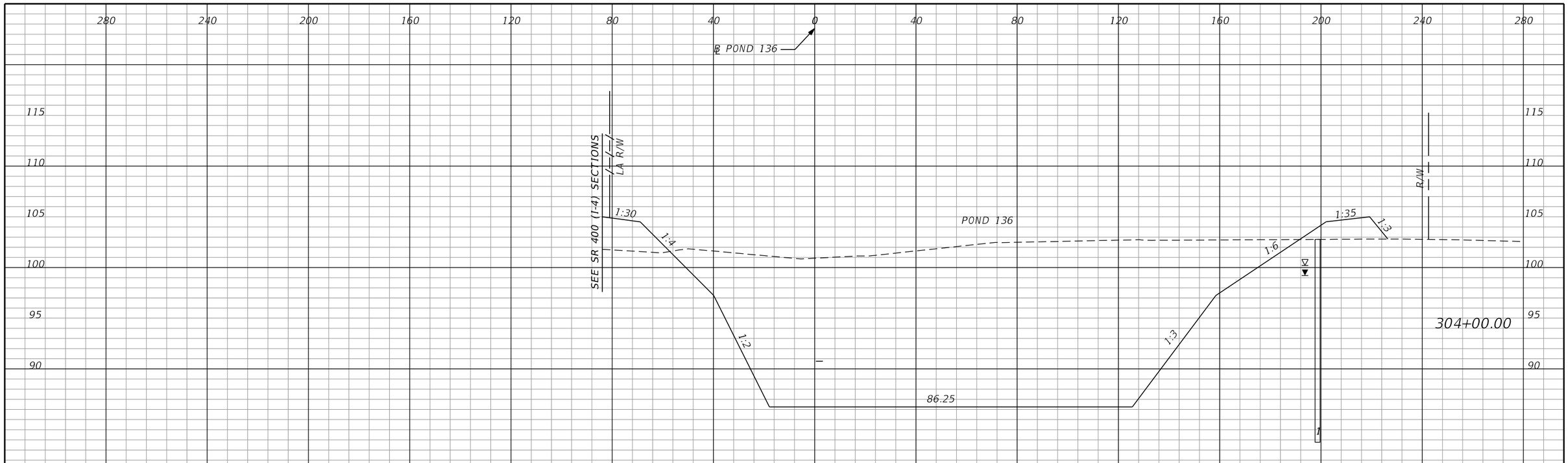

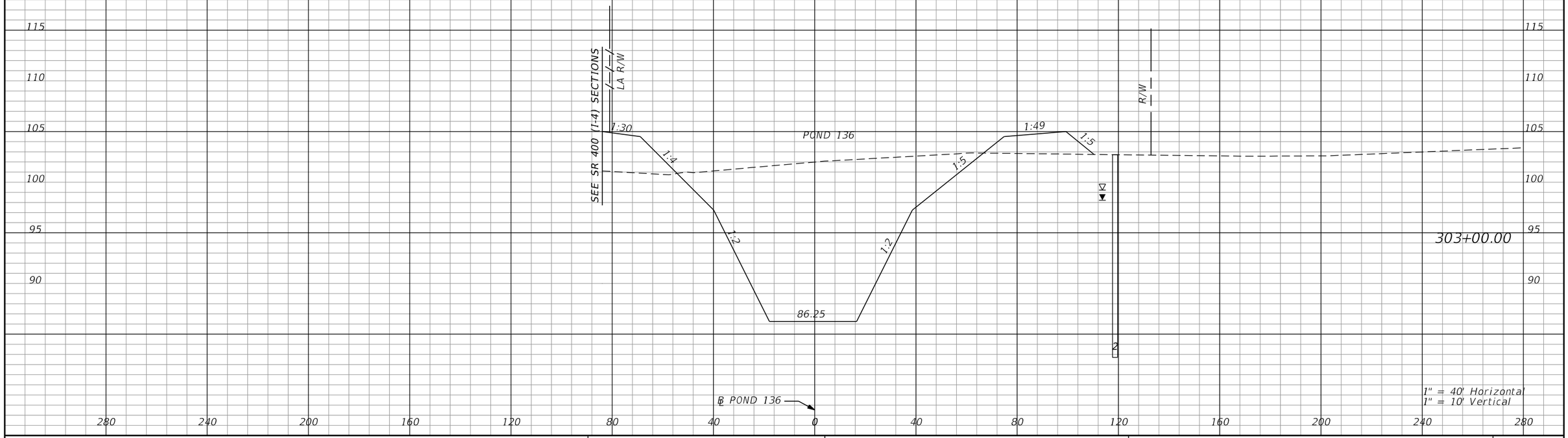

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POND 136
CROSS SECTIONS

SHEET NO. 1319

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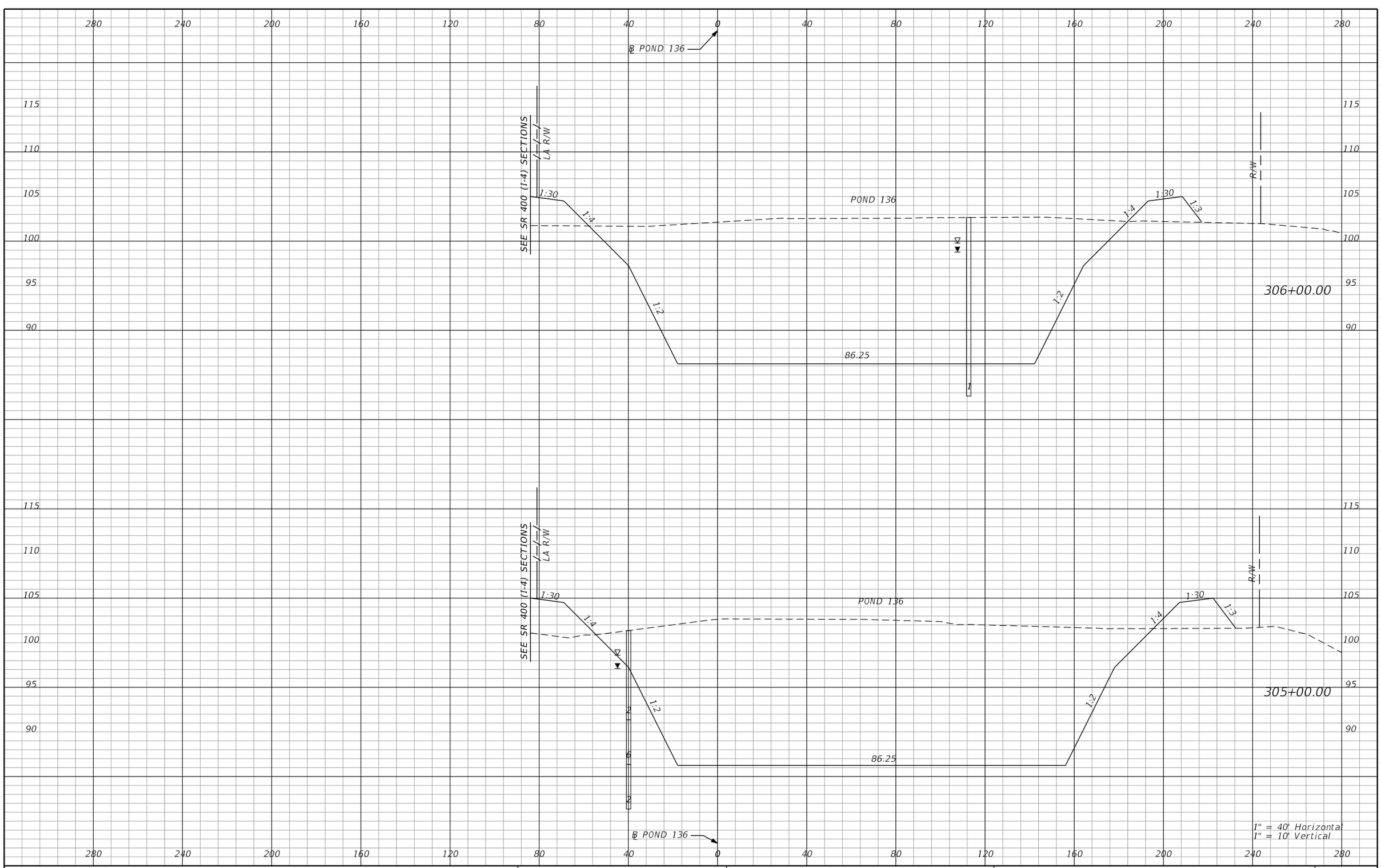

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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POND 136
CROSS SECTIONS

SHEET NO. 1320

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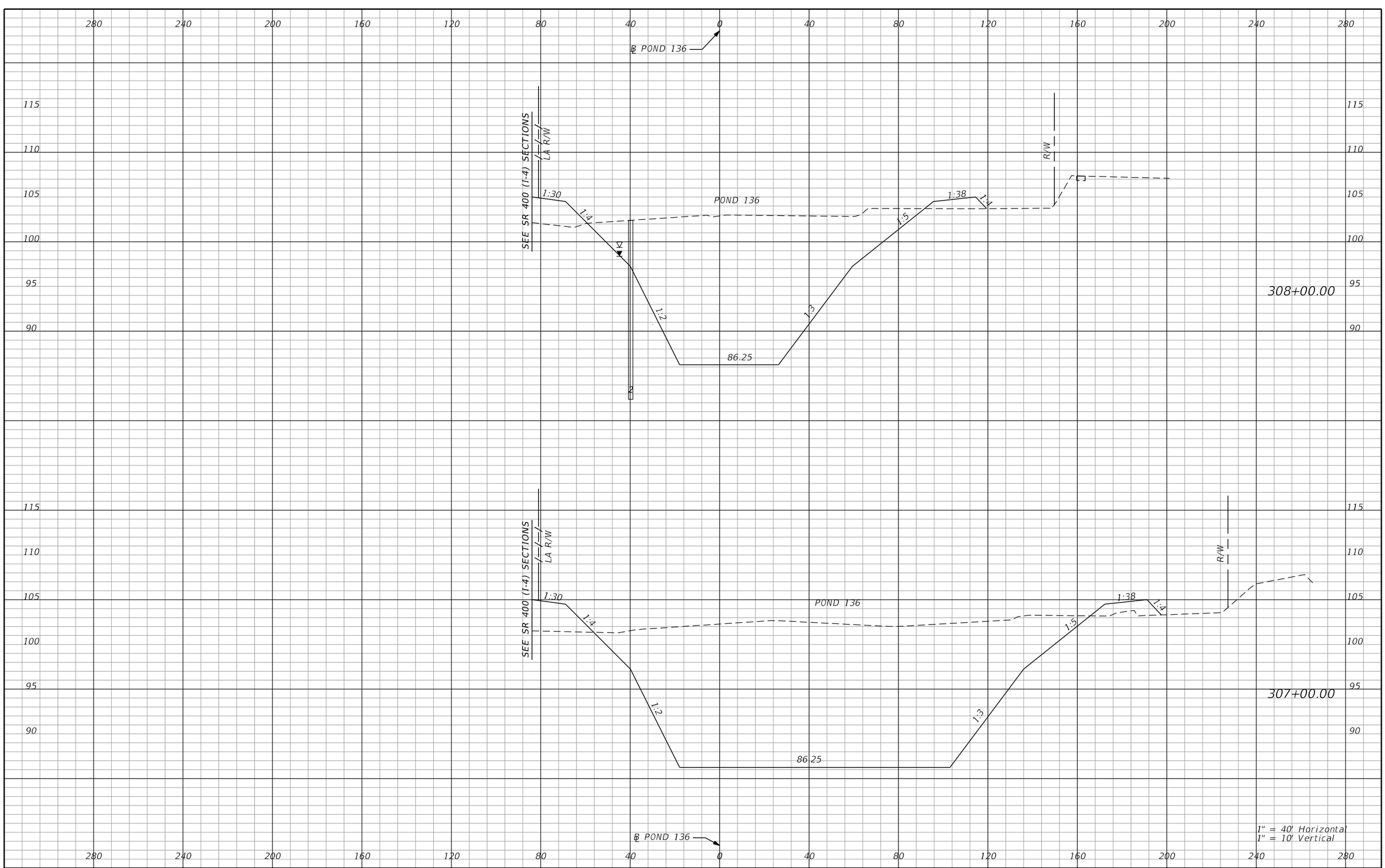

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POND 136
CROSS SECTIONS

SHEET NO. 1321

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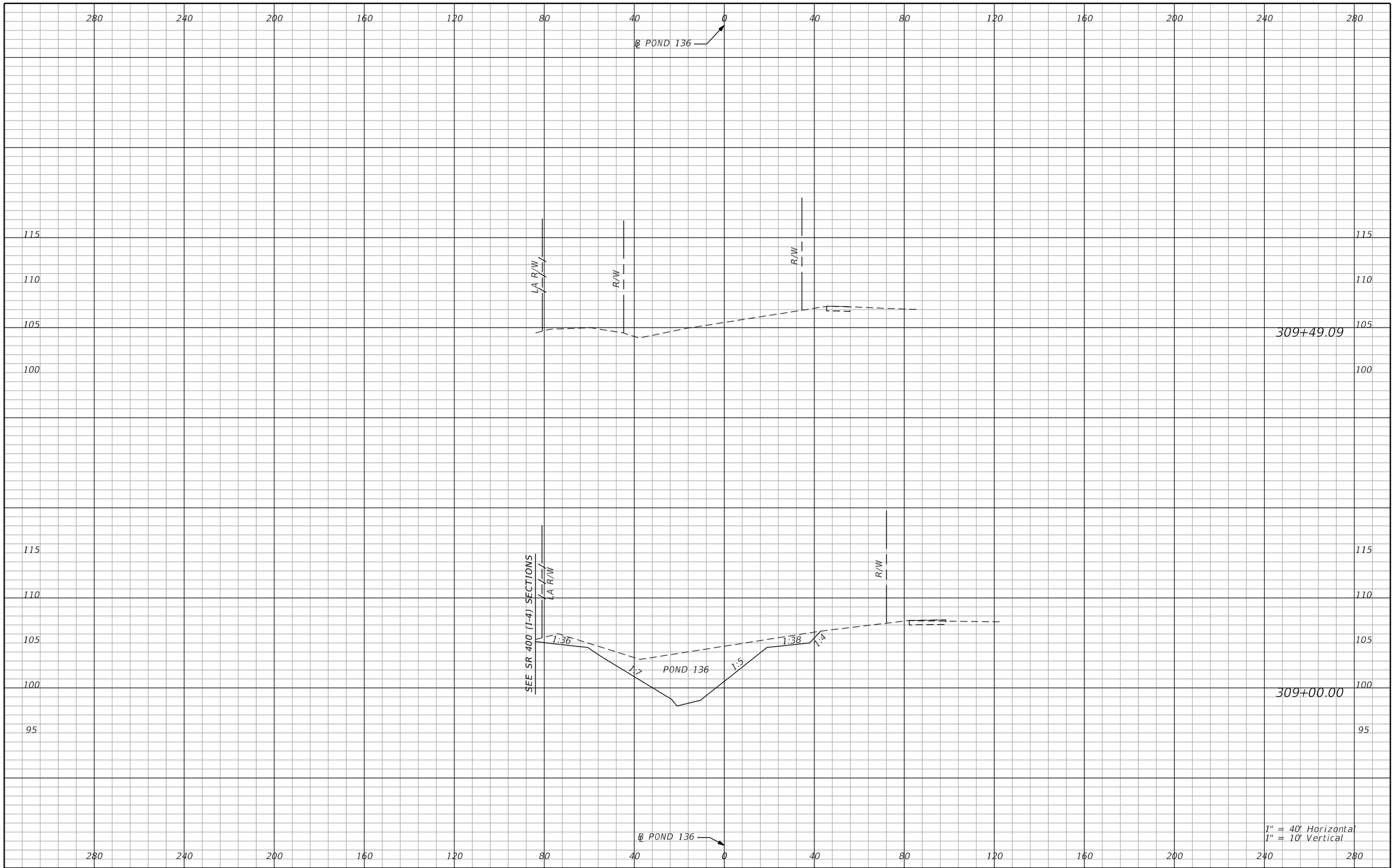

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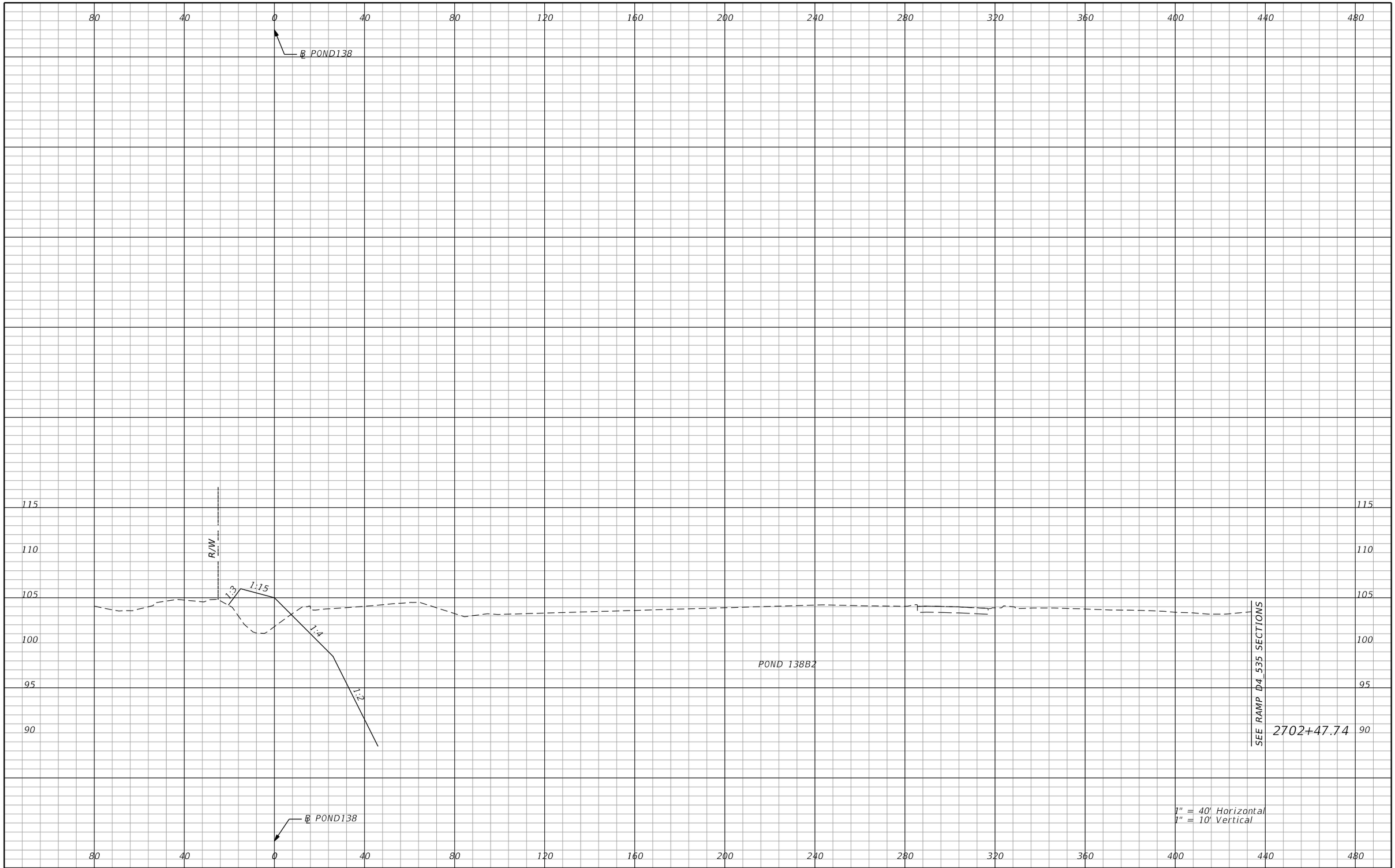
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 136
CROSS SECTIONS

SHEET NO. 1322

PRELIMINARY: NOT FOR CONSTRUCTION



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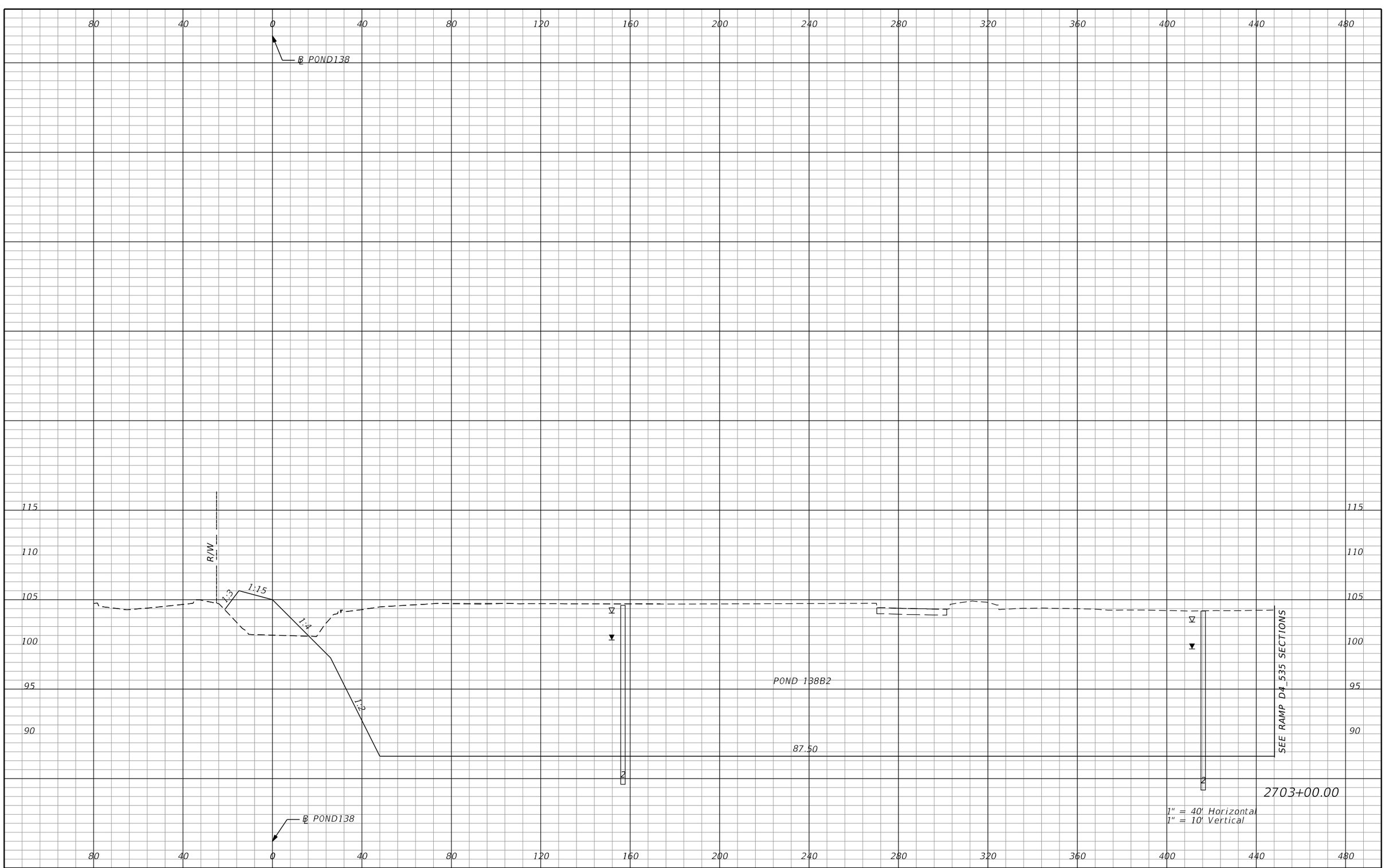
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 138B2
CROSS SECTIONS

SHEET NO. 1323

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 138B2
CROSS SECTIONS

SHEET NO. 1324

PRELIMINARY: NOT FOR CONSTRUCTION

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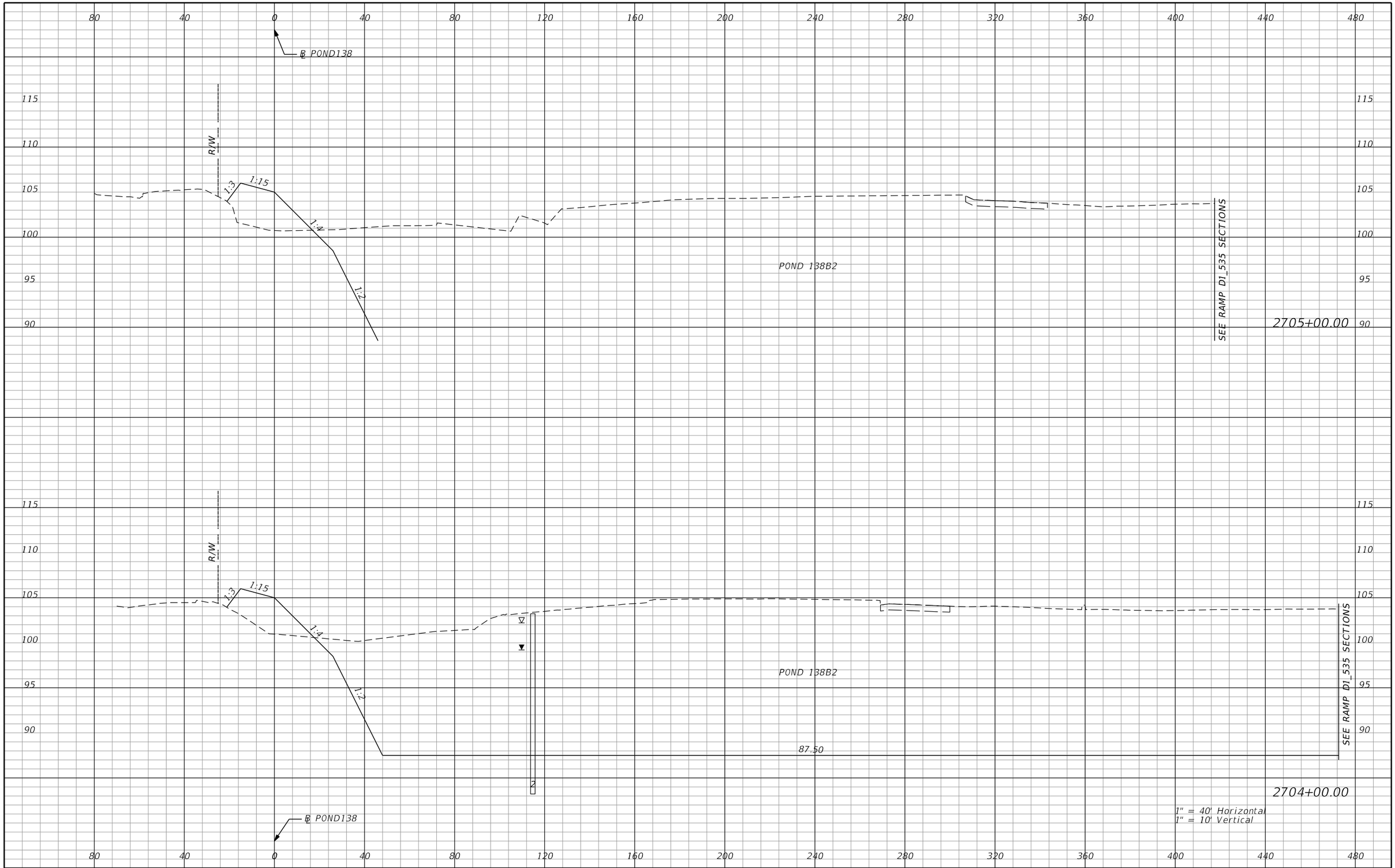

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POND 138B2 CROSS SECTIONS

SHEET NO. 1325

PRELIMINARY: NOT FOR CONSTRUCTION

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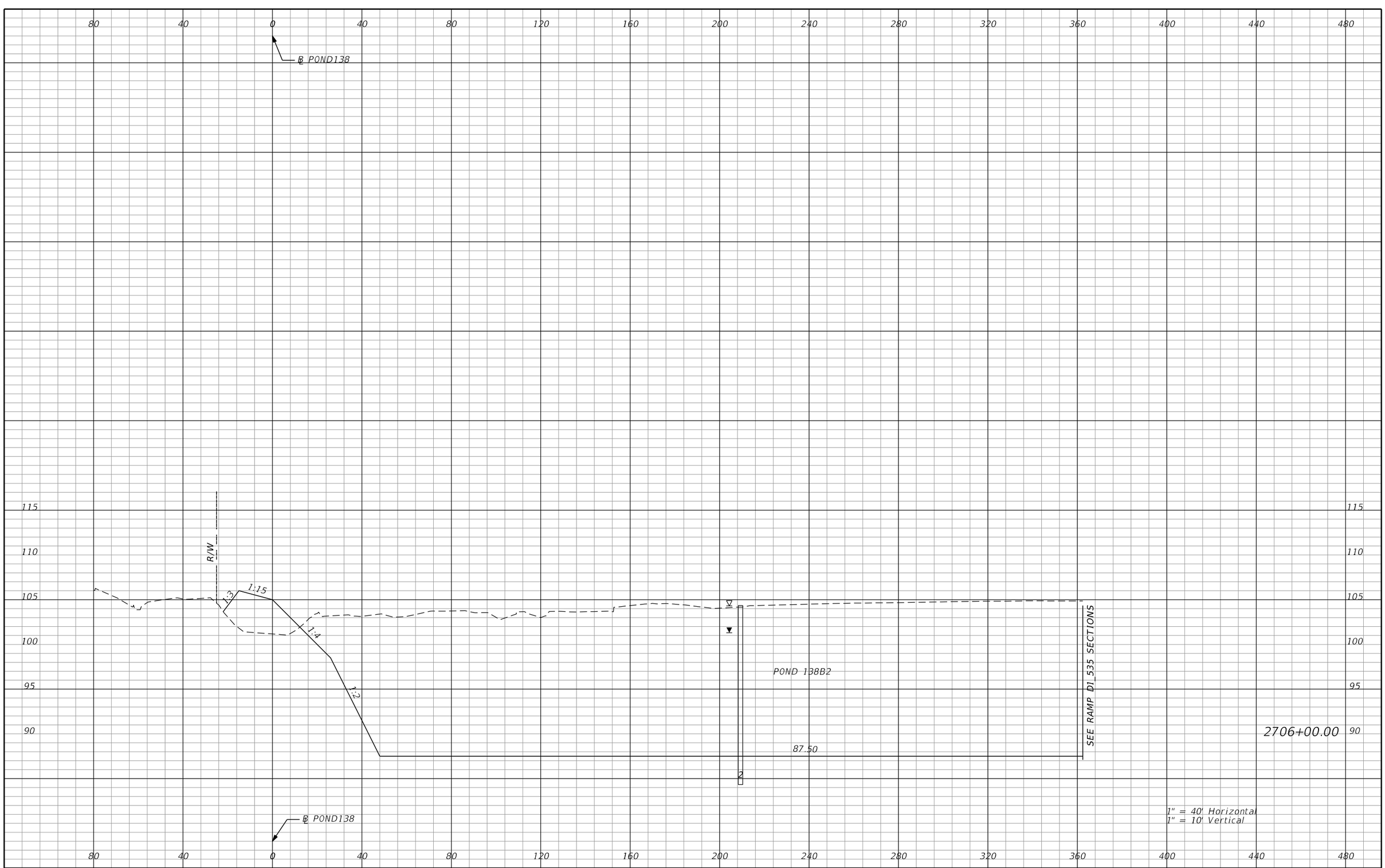

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POND 138B2 CROSS SECTIONS

SHEET NO. 1326

PRELIMINARY: NOT FOR CONSTRUCTION

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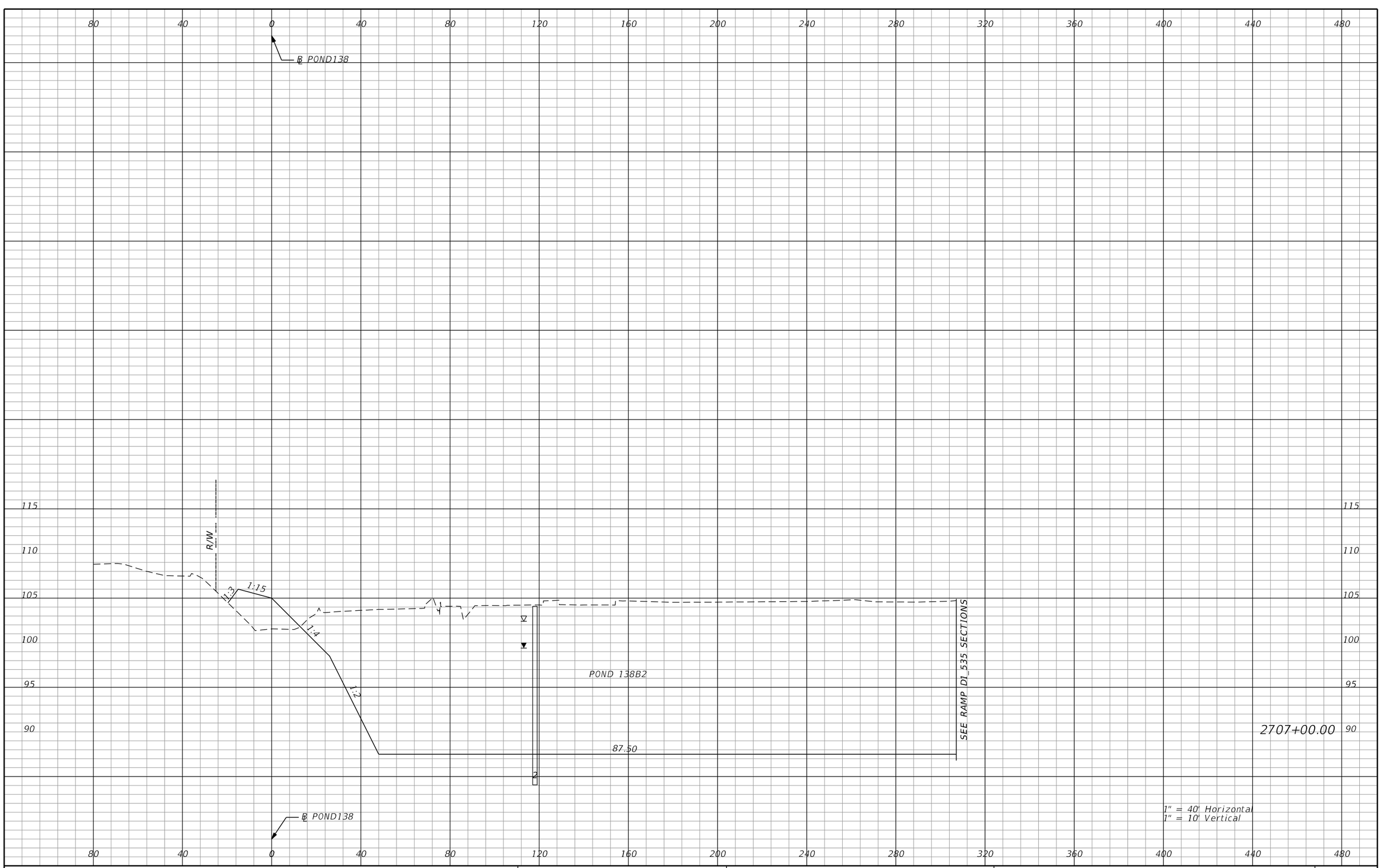

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 138B2 CROSS SECTIONS

SHEET NO. 1327

PRELIMINARY: NOT FOR CONSTRUCTION

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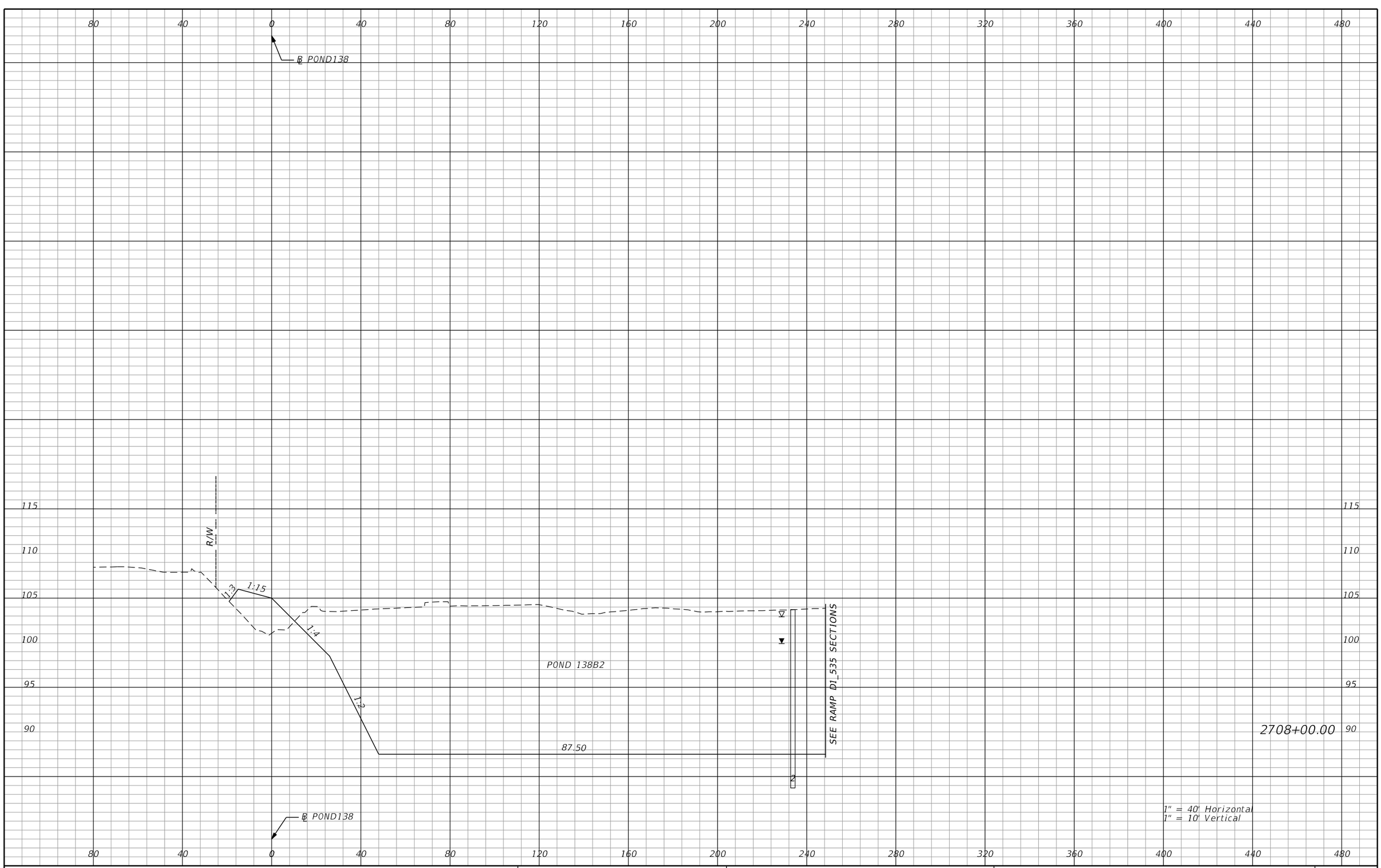

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 138B2 CROSS SECTIONS

SHEET NO. 1328

PRELIMINARY: NOT FOR CONSTRUCTION

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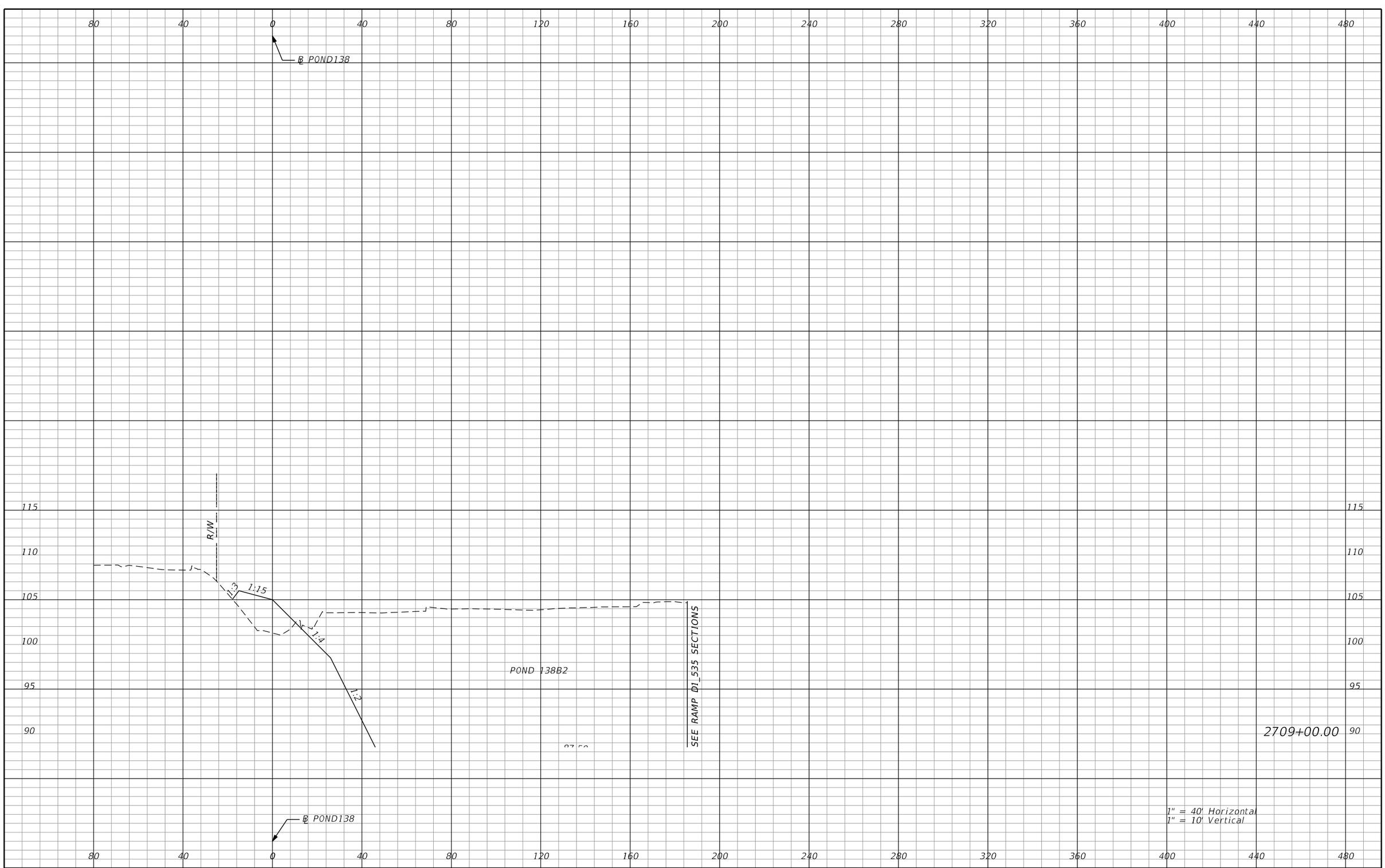

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 138B2 CROSS SECTIONS

SHEET NO. 1329

PRELIMINARY: NOT FOR CONSTRUCTION

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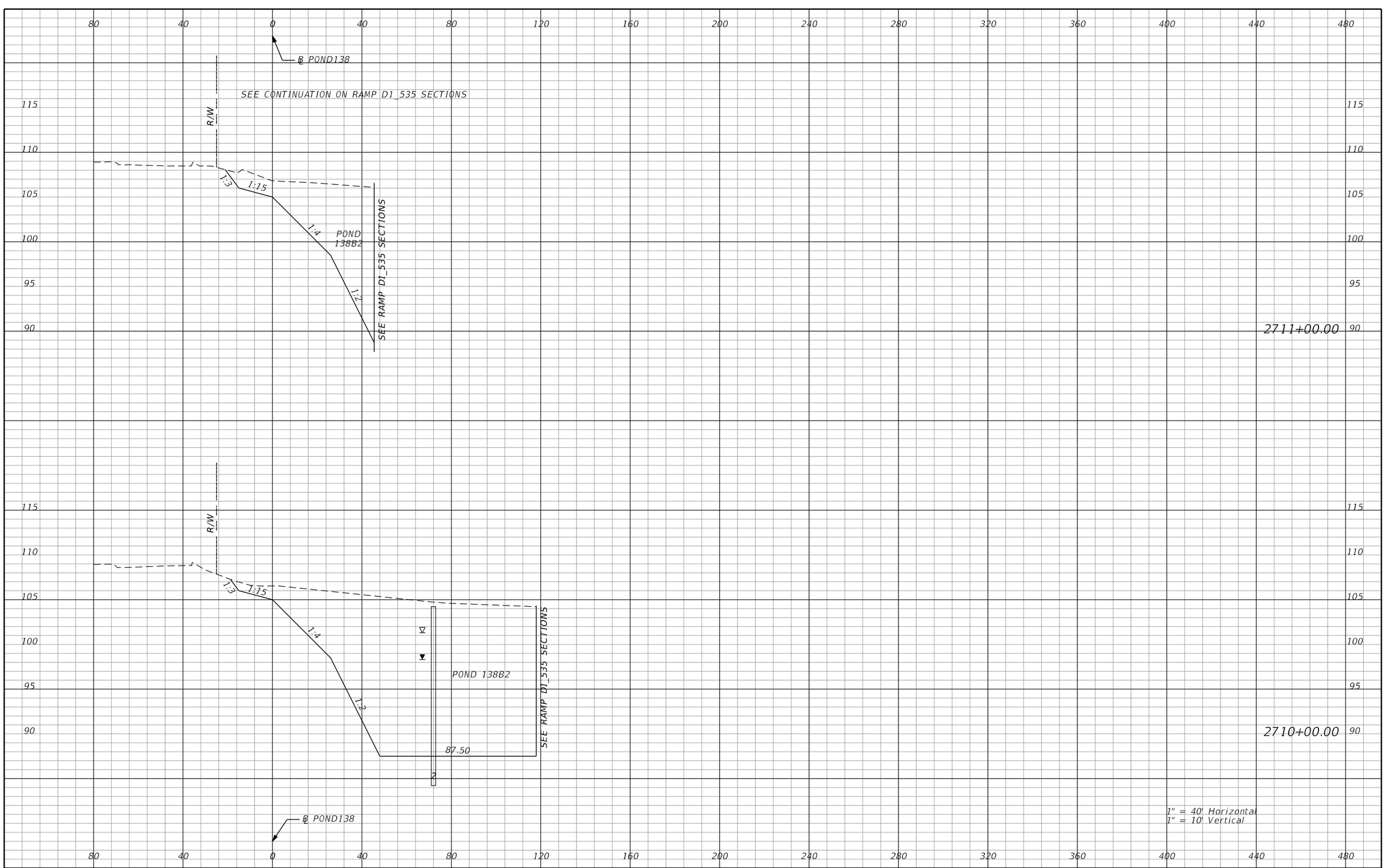

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 138B2 CROSS SECTIONS

SHEET NO. 1330

PRELIMINARY: NOT FOR CONSTRUCTION

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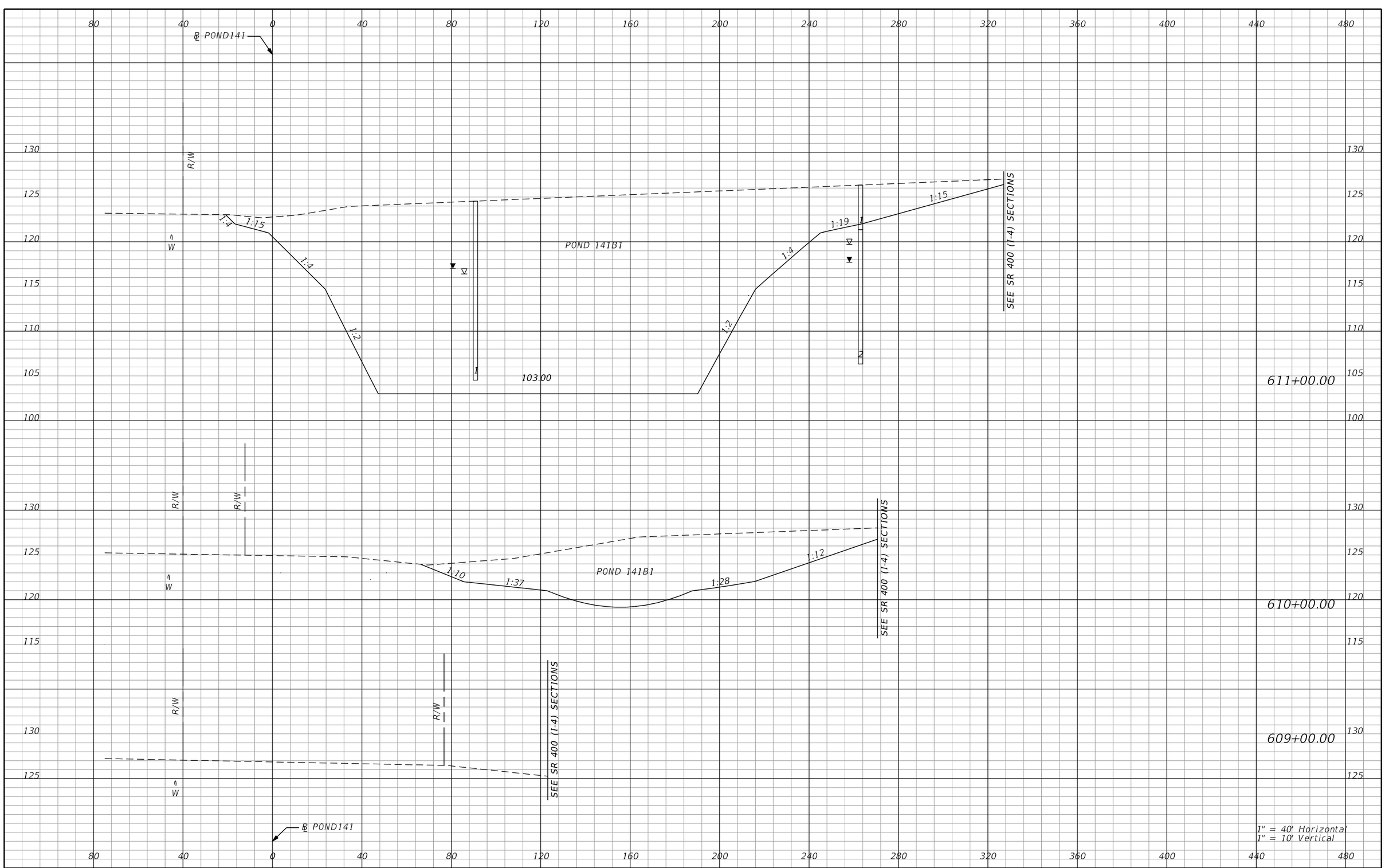

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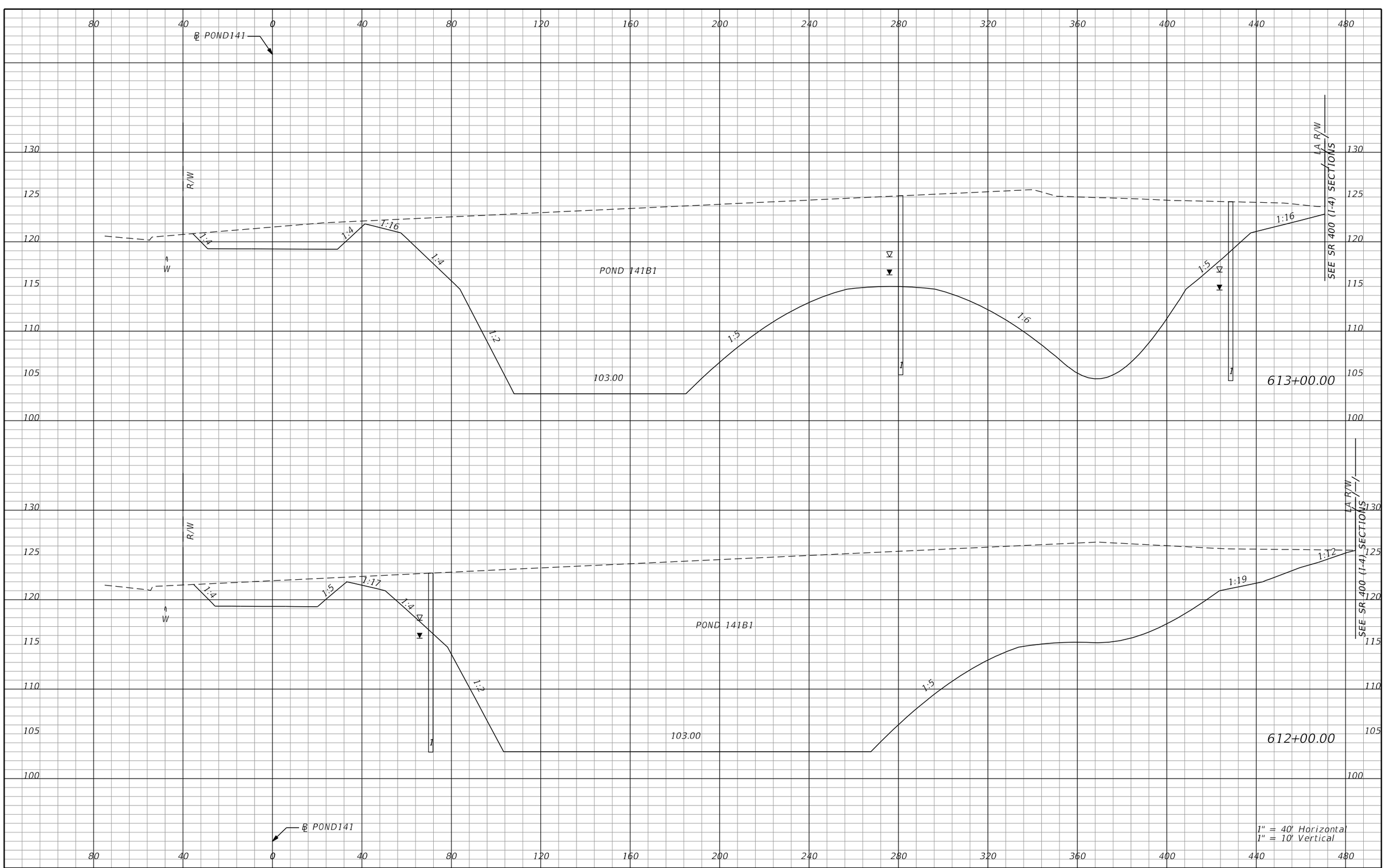
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B1 CROSS SECTIONS

SHEET NO. 1331

PRELIMINARY: NOT FOR CONSTRUCTION



PRELIMINARY: NOT FOR CONSTRUCTION

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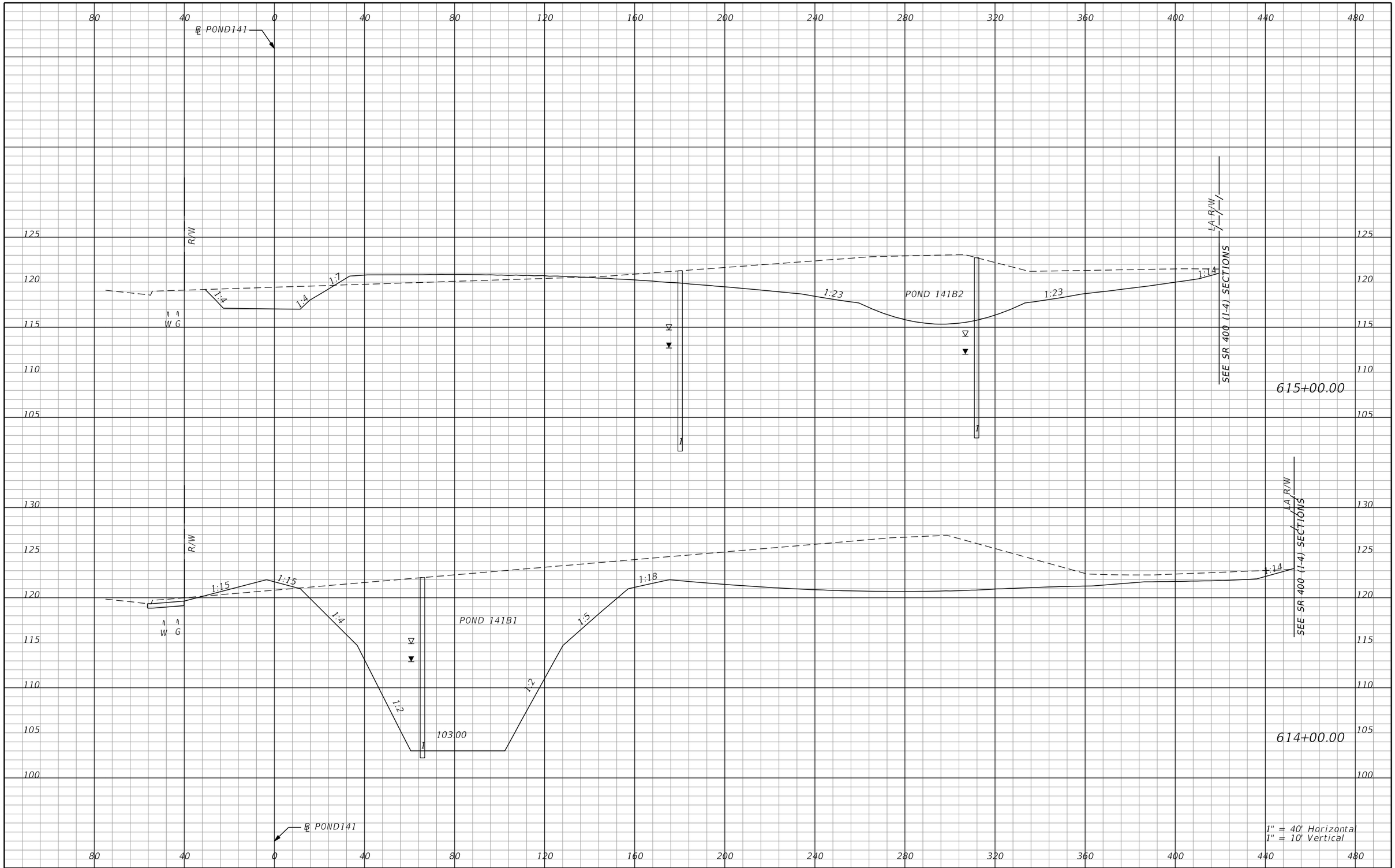
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B1 CROSS SECTIONS

SHEET NO. 1332



PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B1 & B2 CROSS SECTIONS

SHEET NO. 1333

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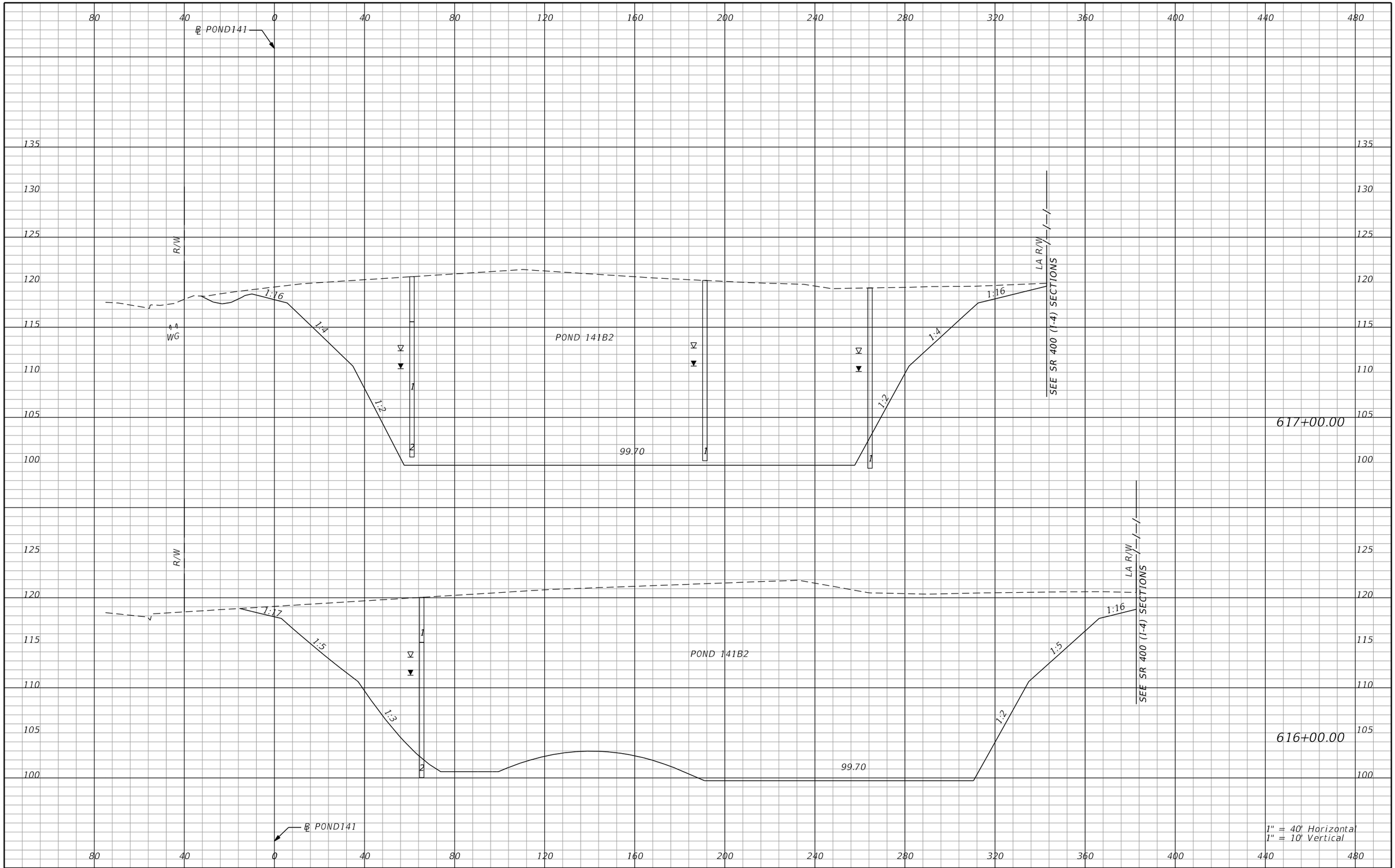

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B2 CROSS SECTIONS

SHEET NO. 1334

PRELIMINARY: NOT FOR CONSTRUCTION

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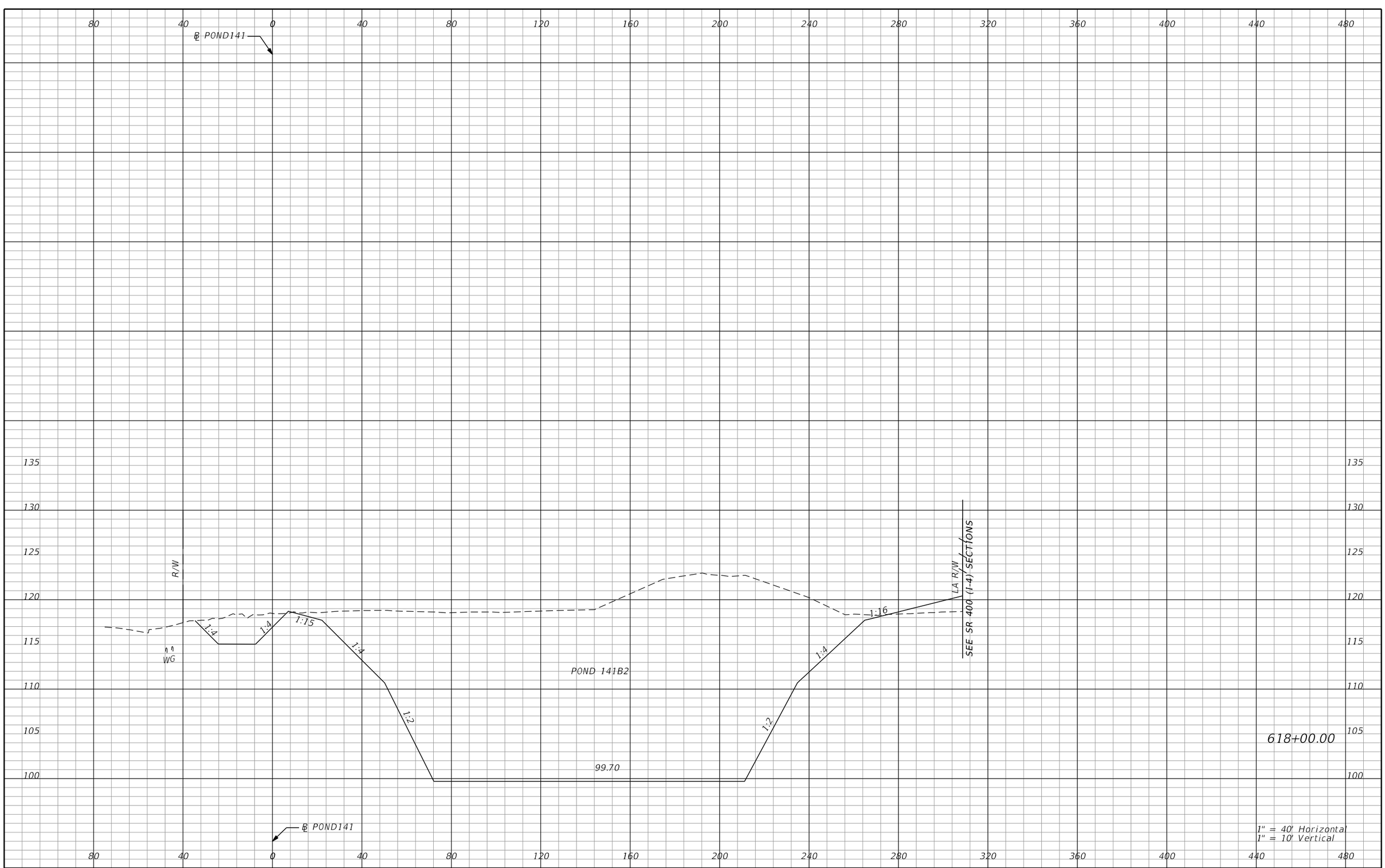

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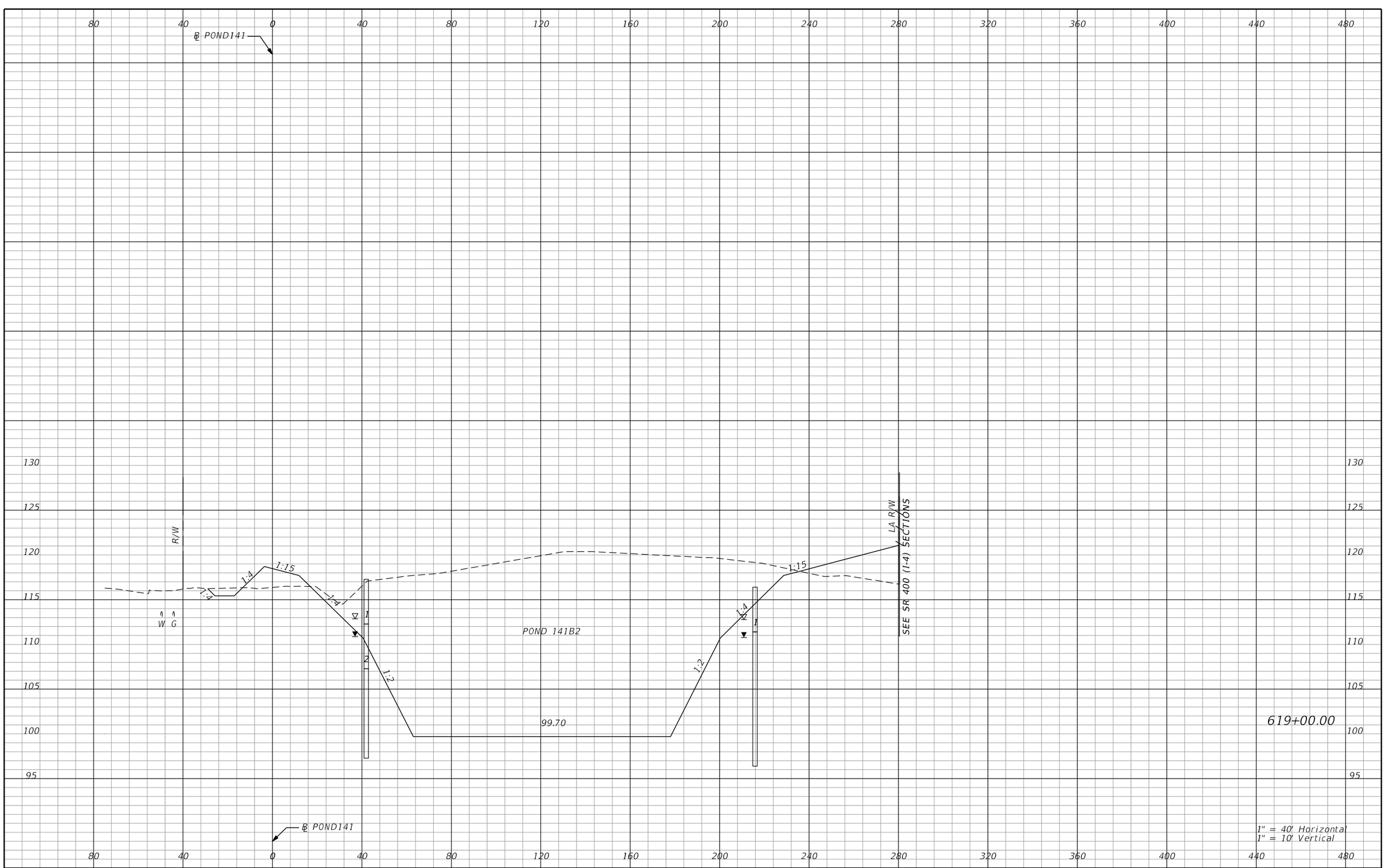
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B2 CROSS SECTIONS

SHEET NO. 1335

PRELIMINARY: NOT FOR CONSTRUCTION



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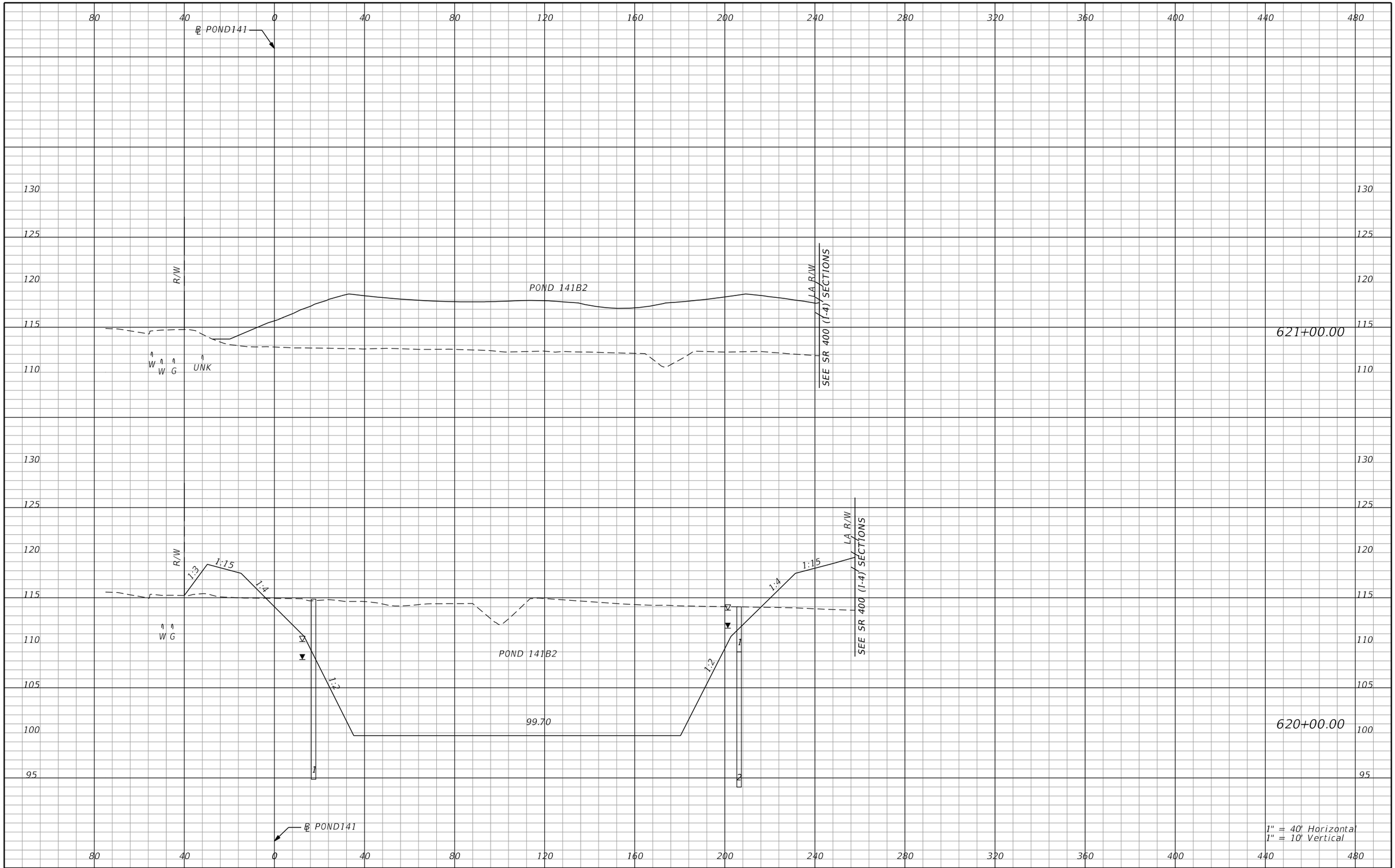
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B2 CROSS SECTIONS

SHEET NO. 1336

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B2 CROSS SECTIONS

SHEET NO. 1337

PRELIMINARY: NOT FOR CONSTRUCTION

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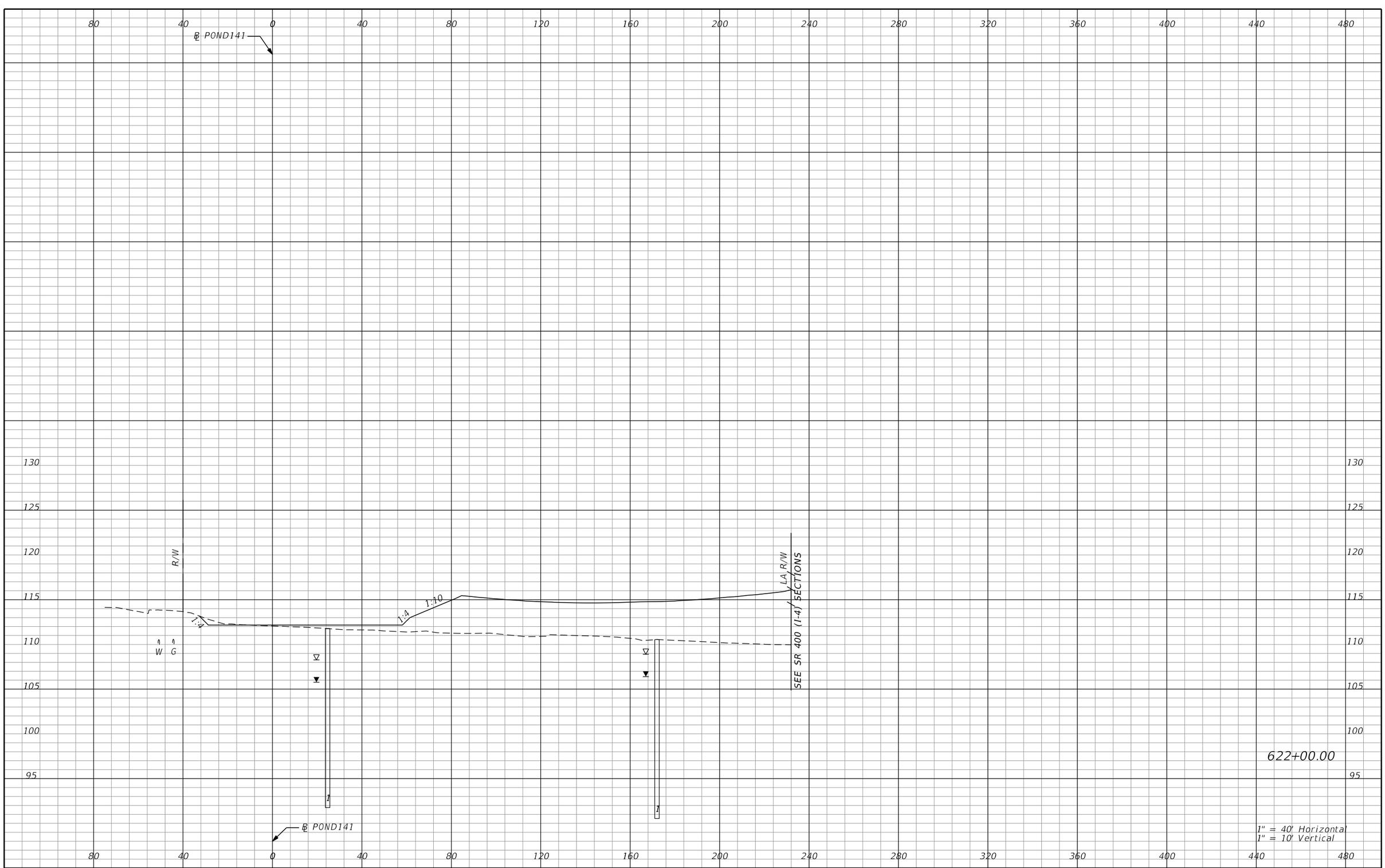

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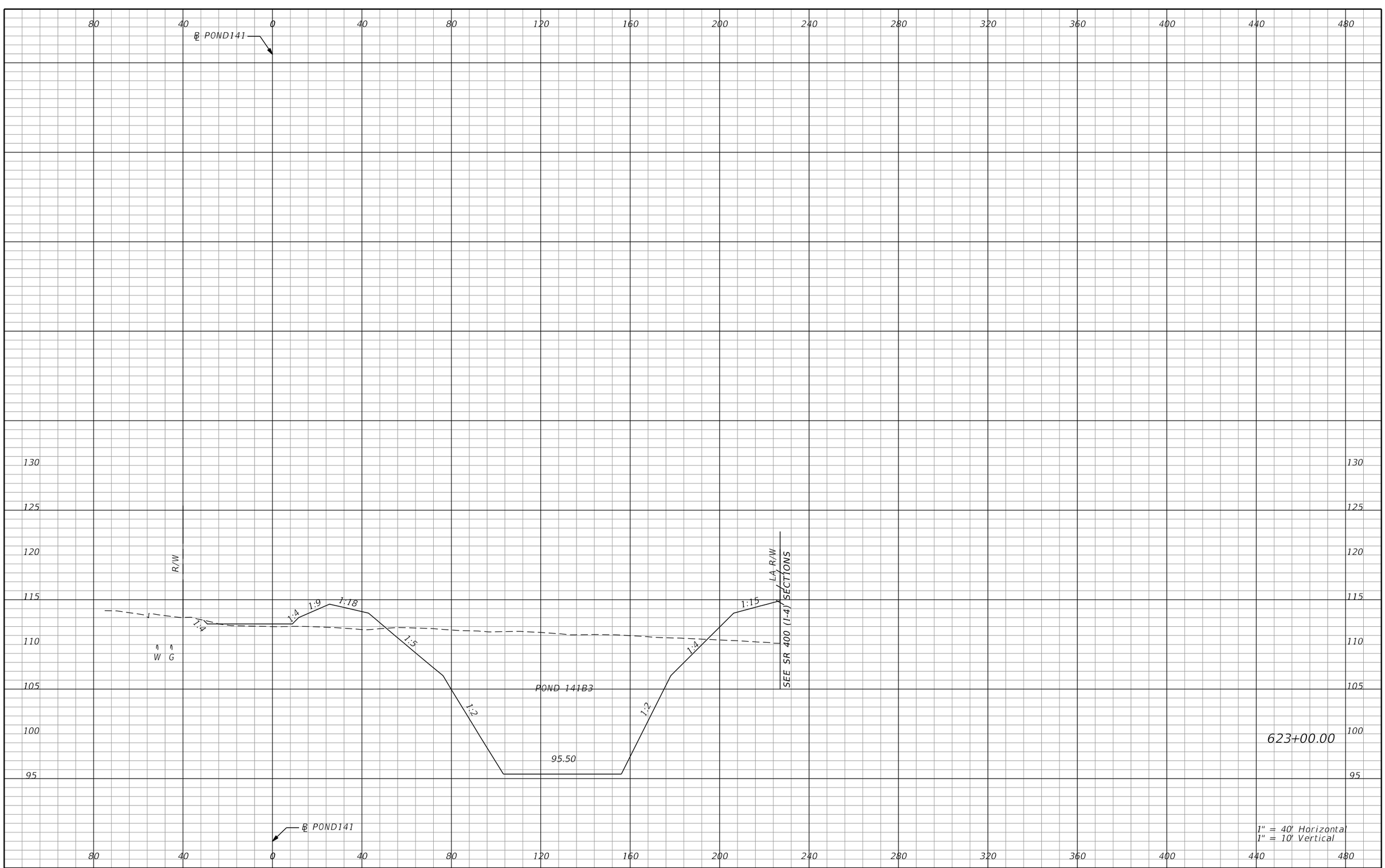
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B3 CROSS SECTIONS

SHEET NO. 1338

PRELIMINARY: NOT FOR CONSTRUCTION



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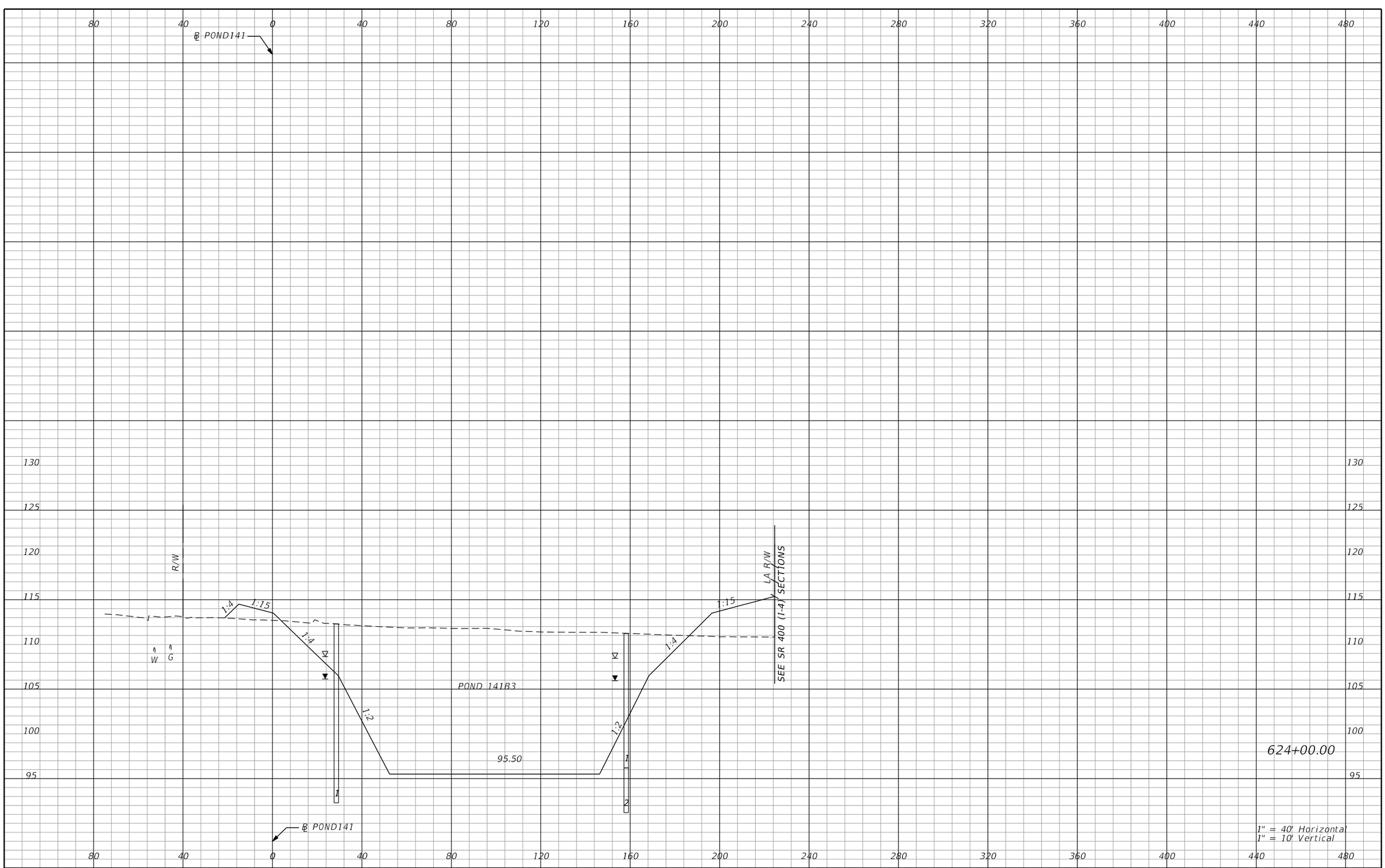
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B3 CROSS SECTIONS

SHEET NO. 1339

PRELIMINARY: NOT FOR CONSTRUCTION



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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B3 CROSS SECTIONS

SHEET NO. 1340

PRELIMINARY: NOT FOR CONSTRUCTION

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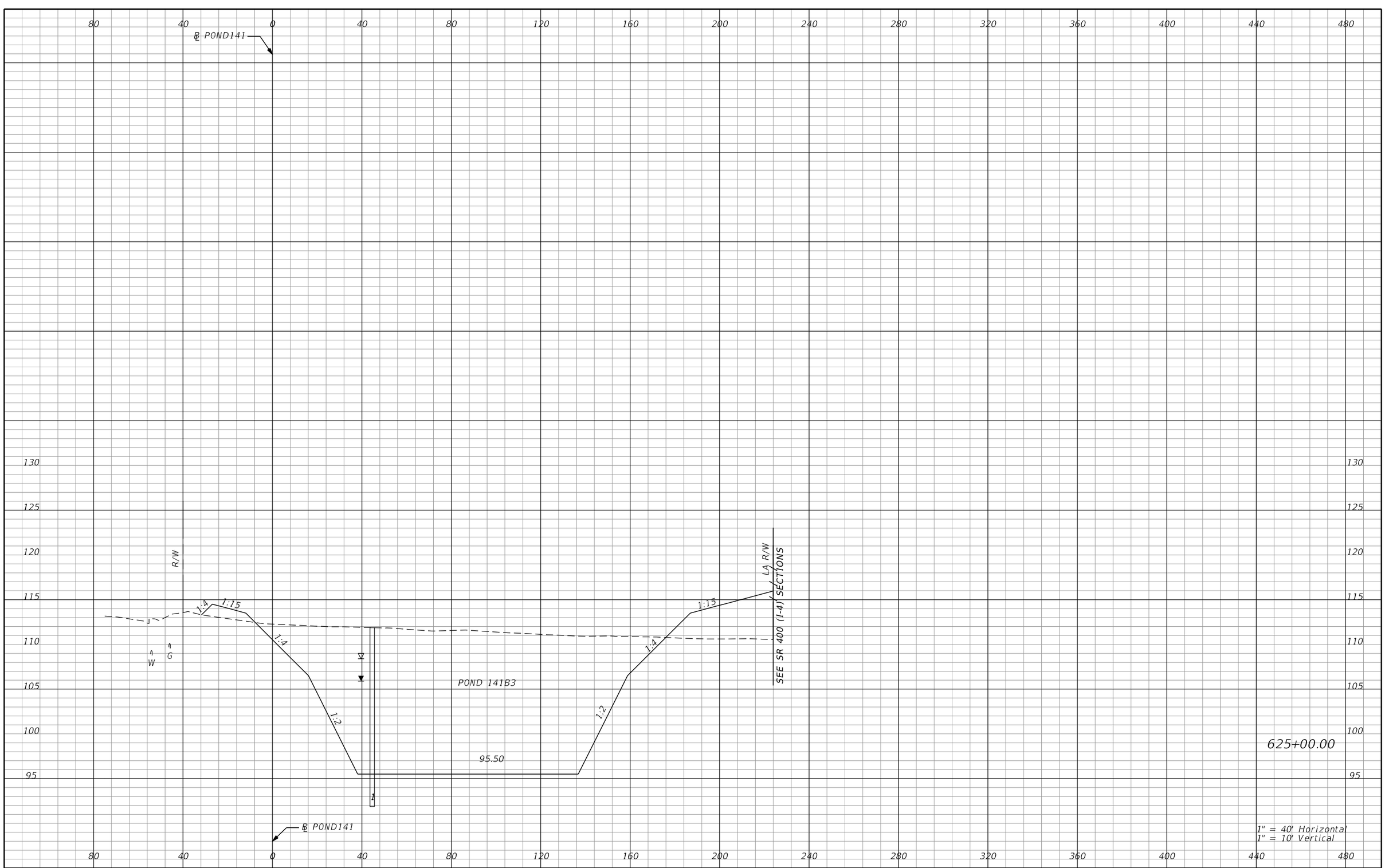

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B3 CROSS SECTIONS

SHEET NO. 1341

PRELIMINARY: NOT FOR CONSTRUCTION

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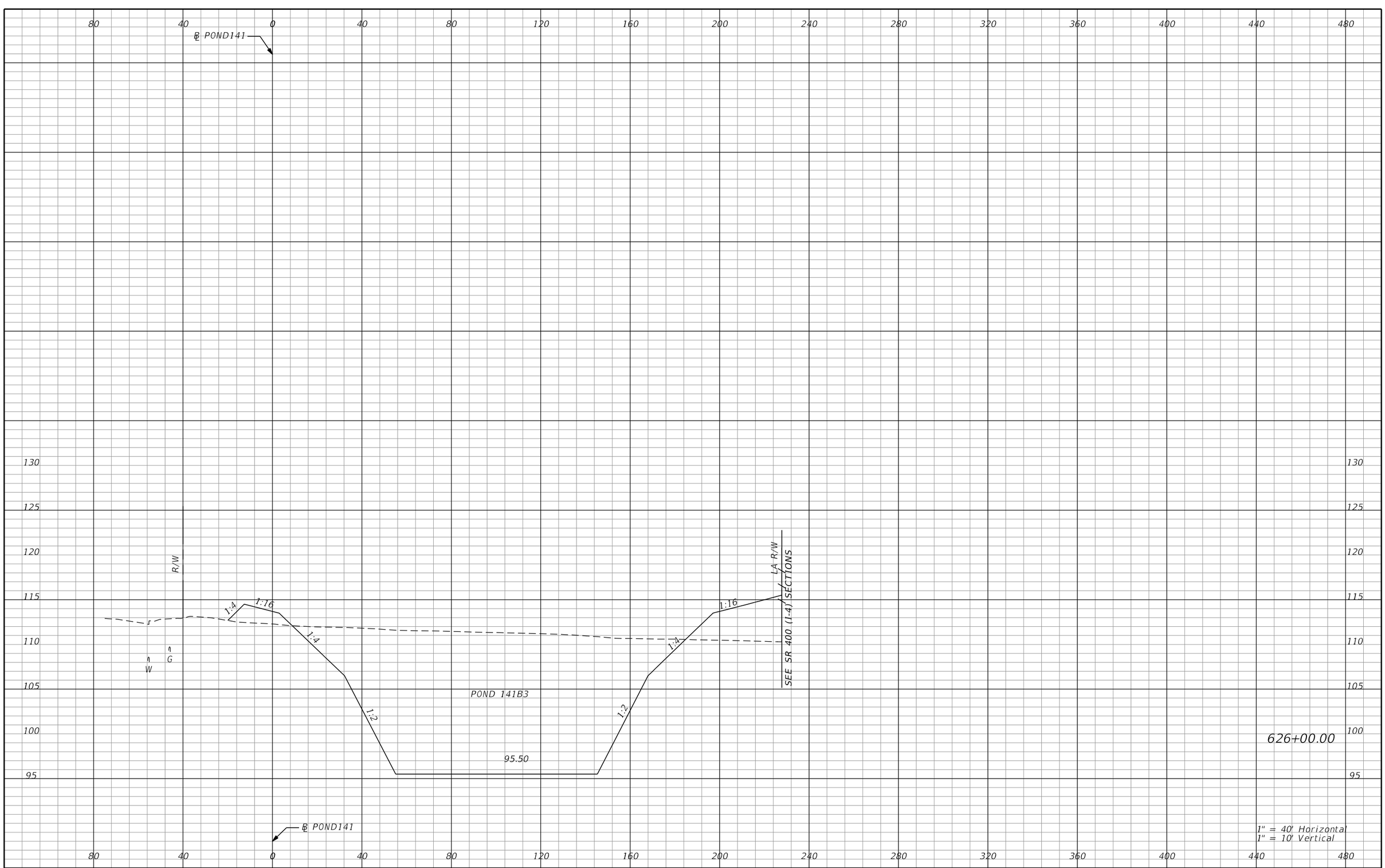

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B3 CROSS SECTIONS

SHEET NO. 1342

PRELIMINARY: NOT FOR CONSTRUCTION

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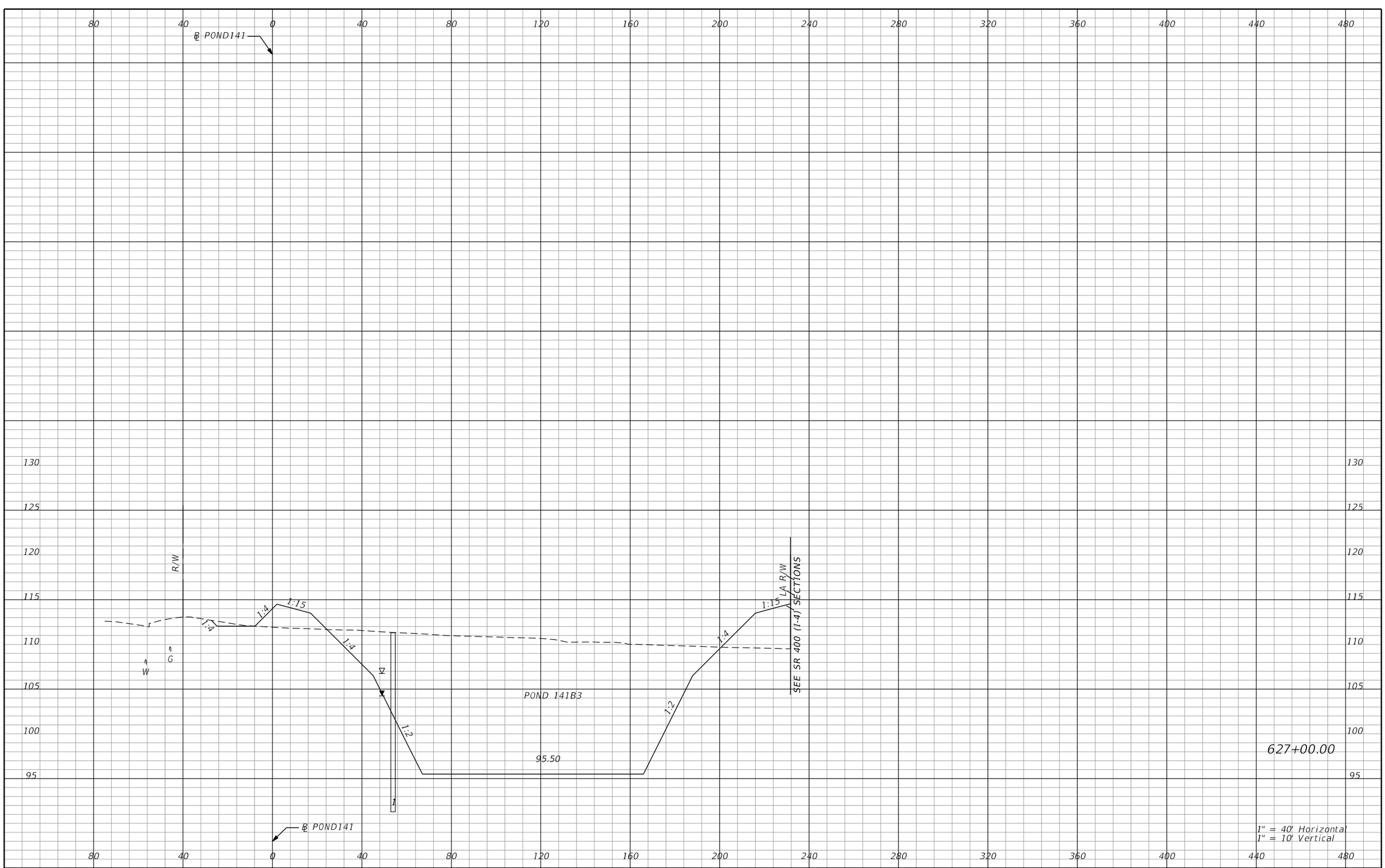

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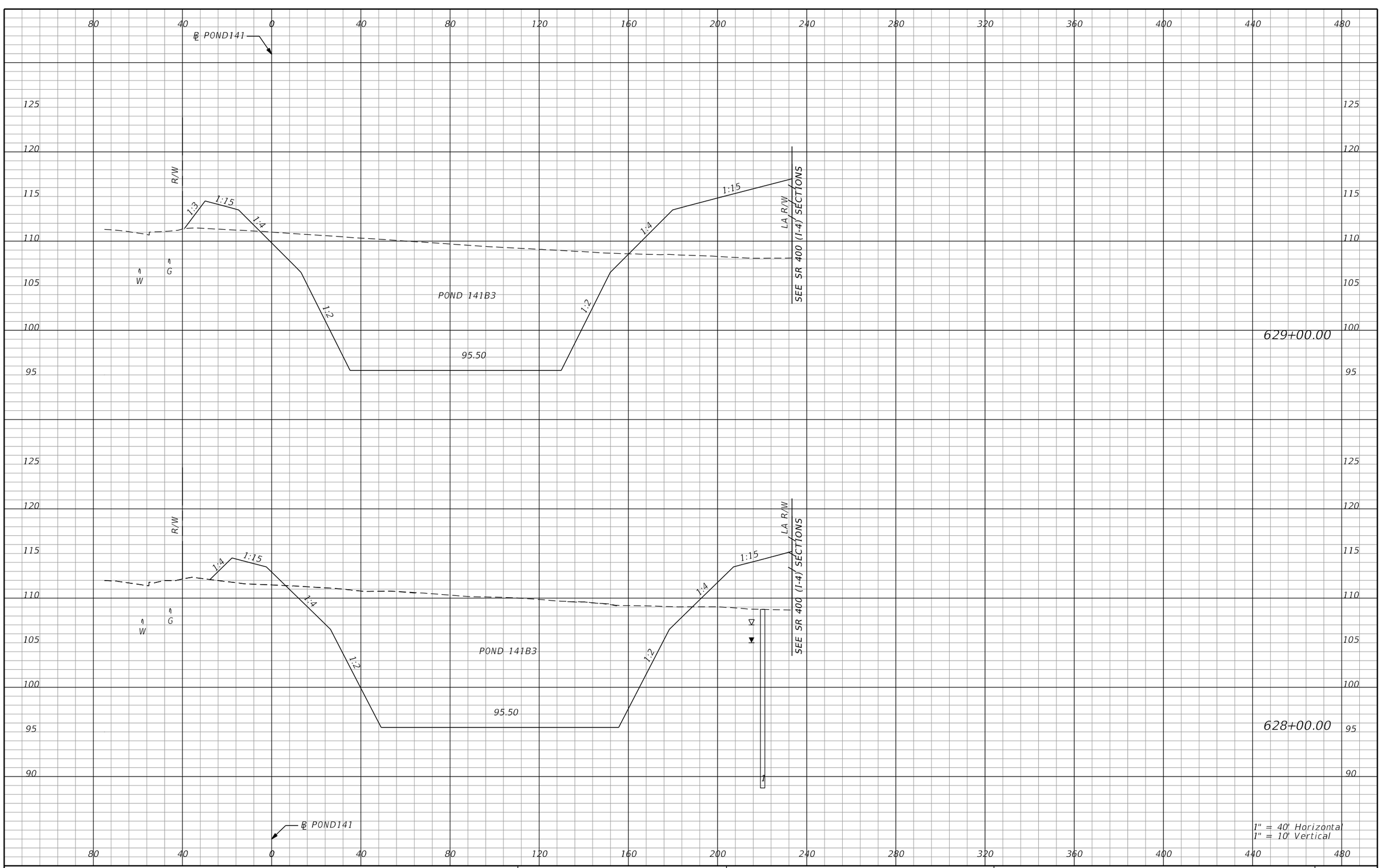
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B3 CROSS SECTIONS

SHEET NO. 1343

PRELIMINARY: NOT FOR CONSTRUCTION



REVISIONS			
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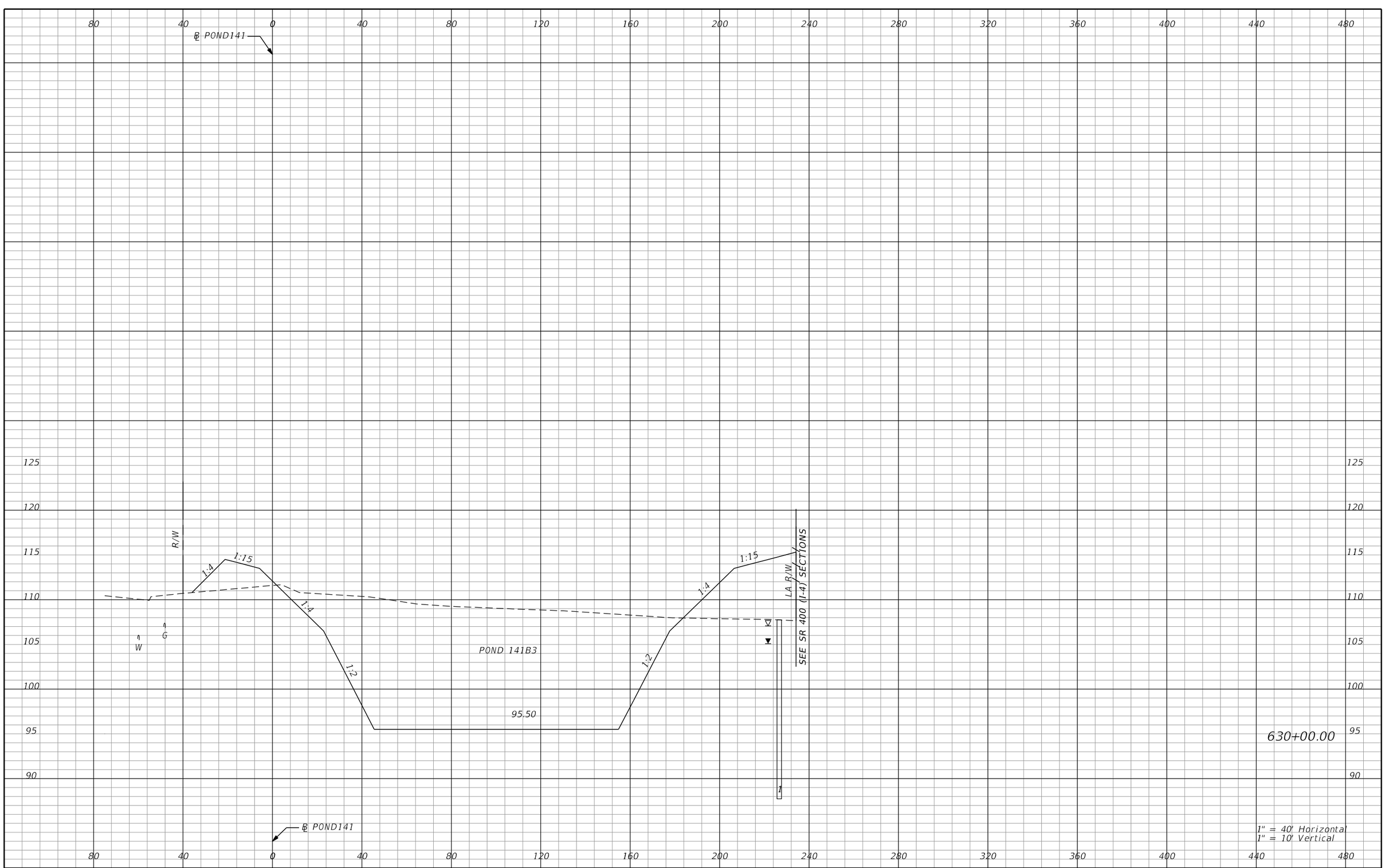
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B3 CROSS SECTIONS

SHEET NO. 1344

PRELIMINARY: NOT FOR CONSTRUCTION



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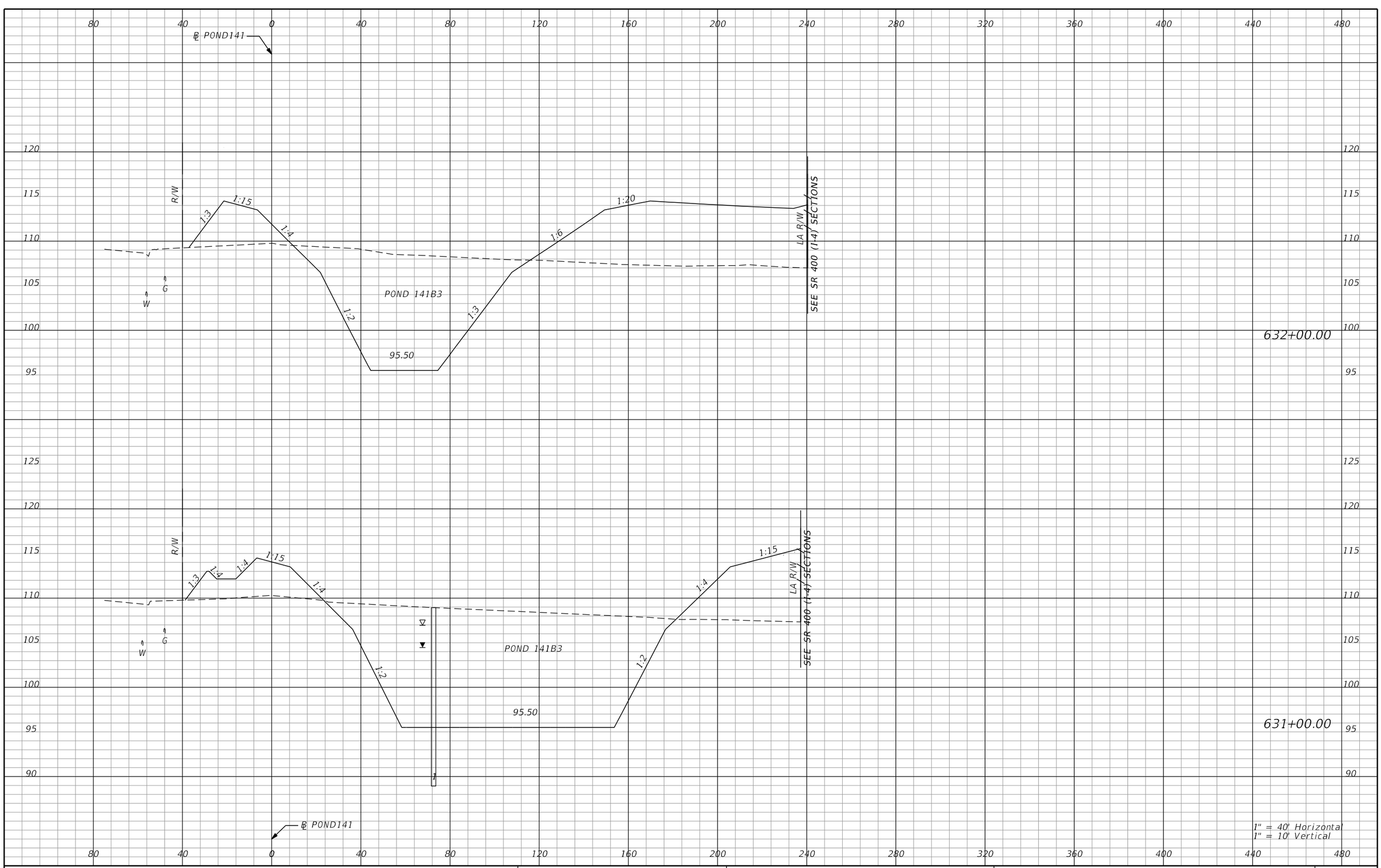
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B3 CROSS SECTIONS

SHEET NO. 1345

PRELIMINARY: NOT FOR CONSTRUCTION



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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B3 CROSS SECTIONS

SHEET NO. 1346

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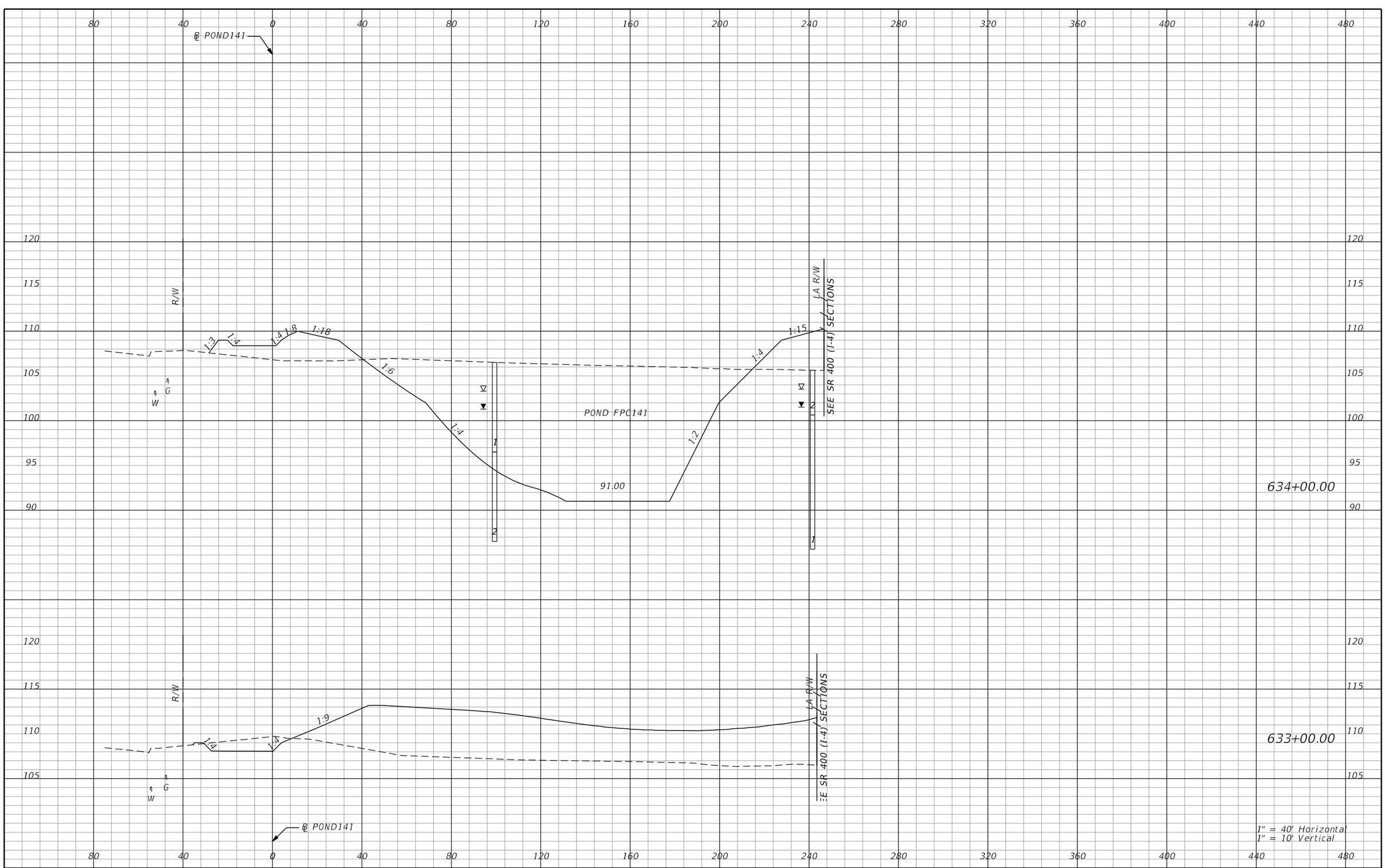

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STATE OF FLORIDA
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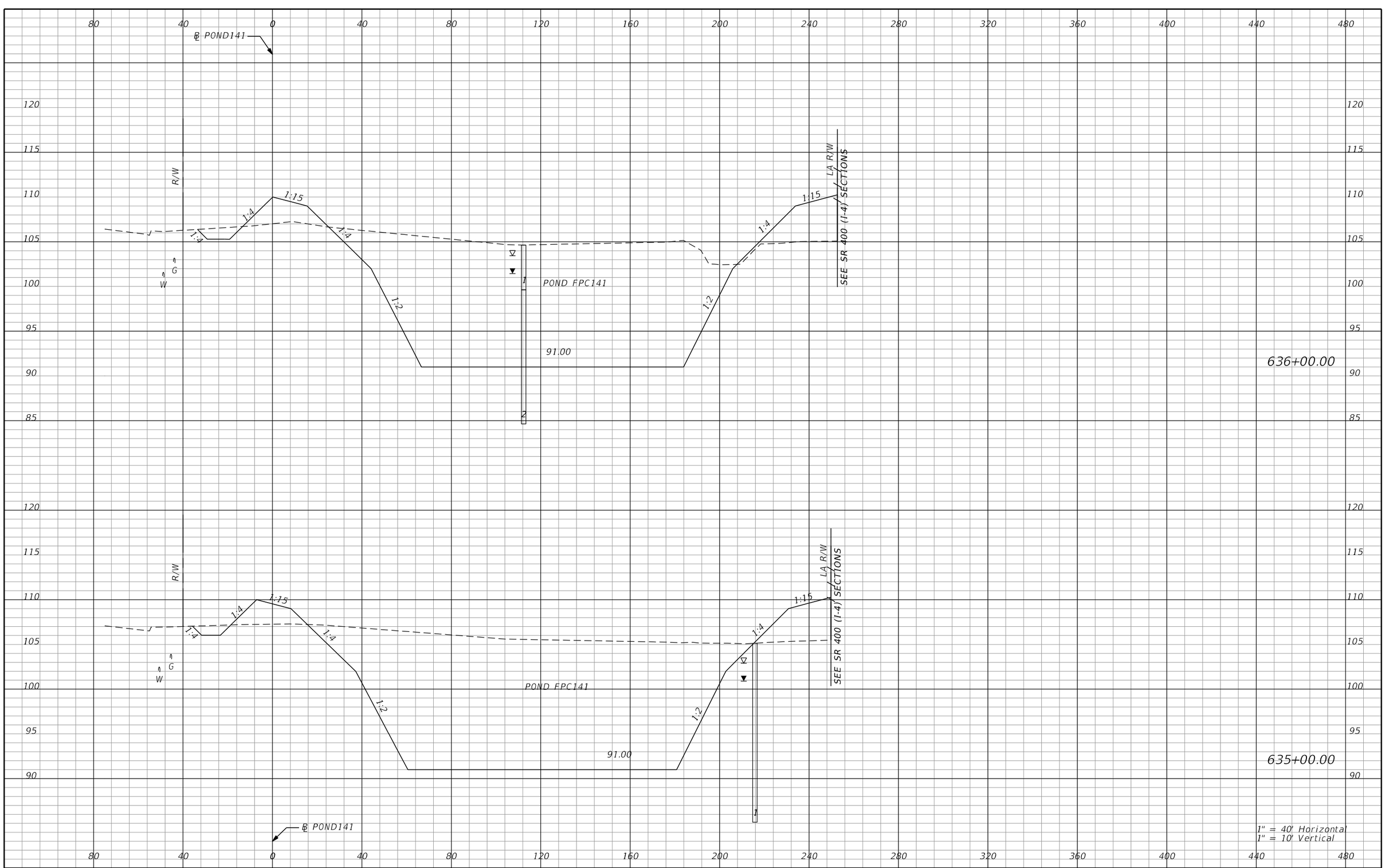
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND FPC141 CROSS SECTIONS

SHEET NO. 1347

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND FPC141 CROSS SECTIONS

SHEET NO. 1348

PRELIMINARY: NOT FOR CONSTRUCTION

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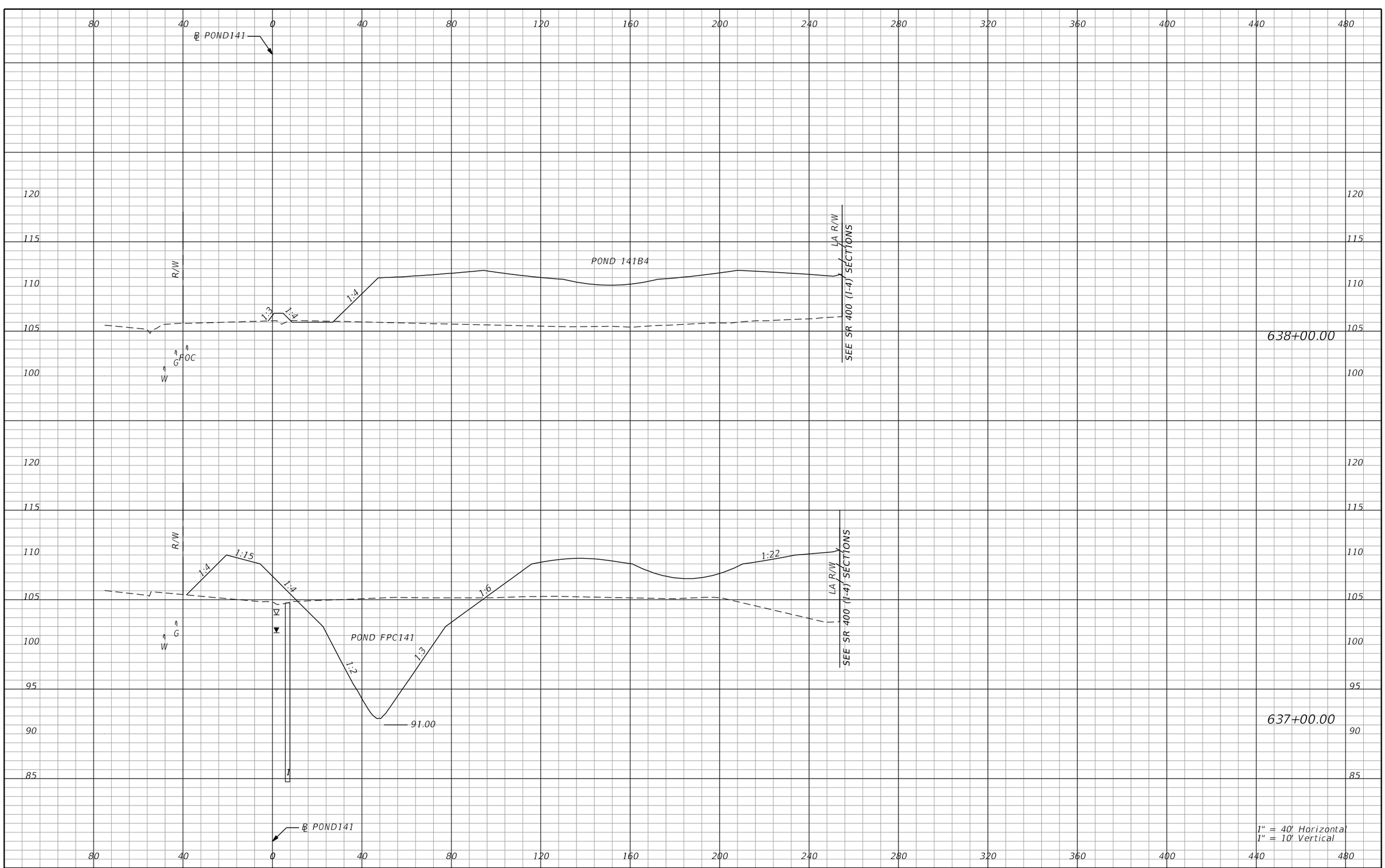

PRELIMINARY: NOT FOR CONSTRUCTION

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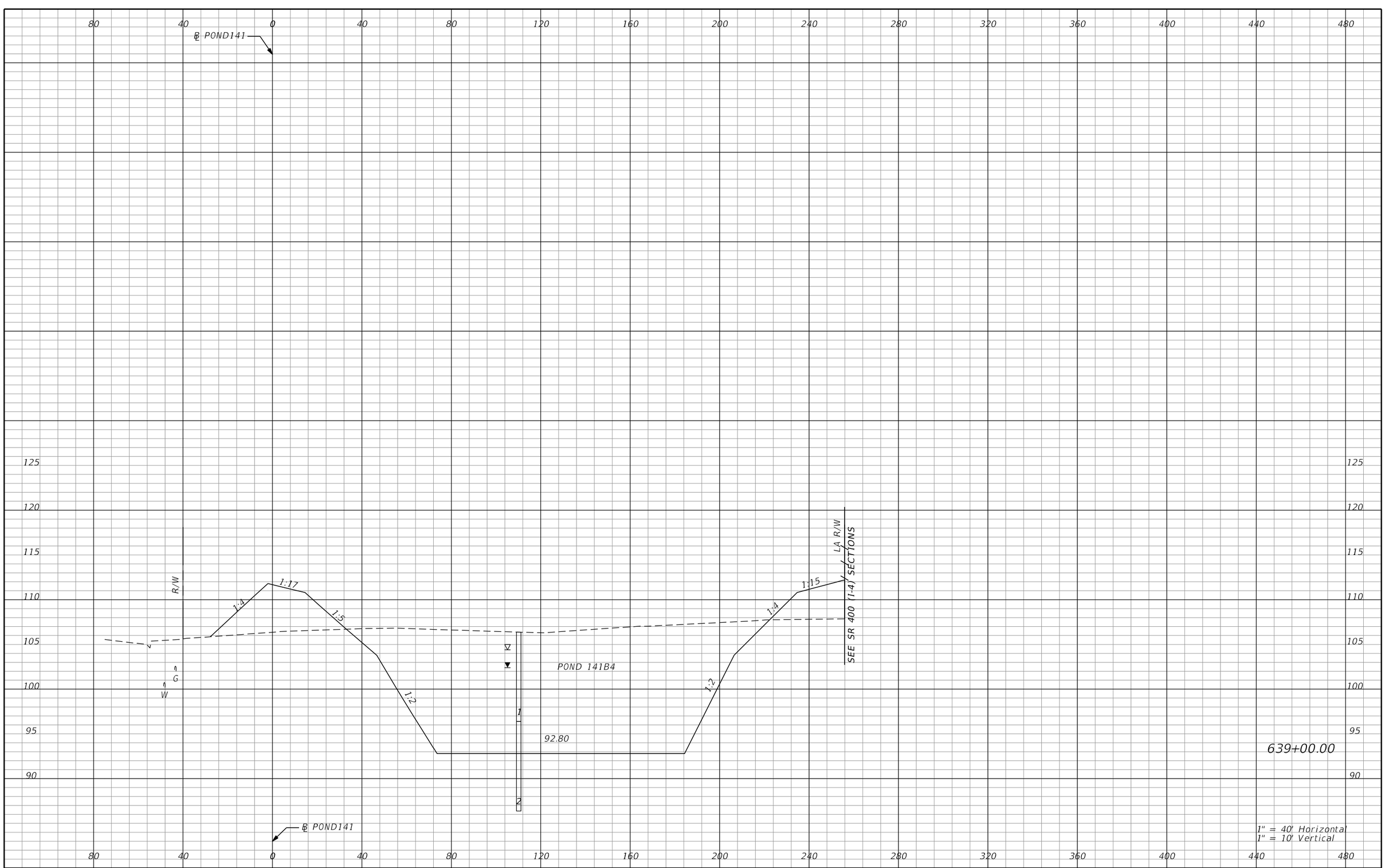
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND FPC141 & POND 141B4 CROSS SECTIONS

SHEET NO. 1349



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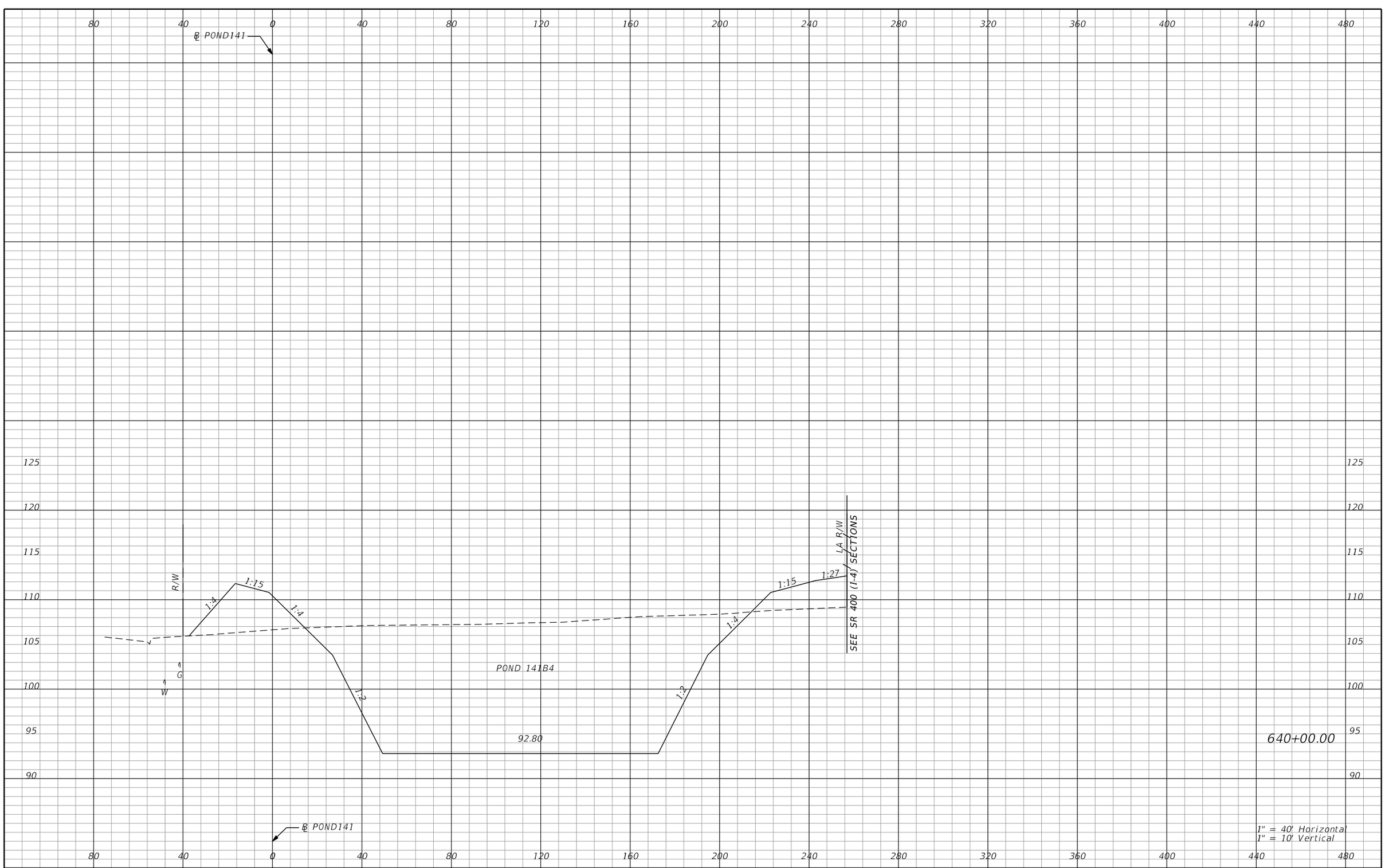
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B4 CROSS SECTIONS

SHEET NO. 1350

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B4 CROSS SECTIONS

SHEET NO. 1351

PRELIMINARY: NOT FOR CONSTRUCTION

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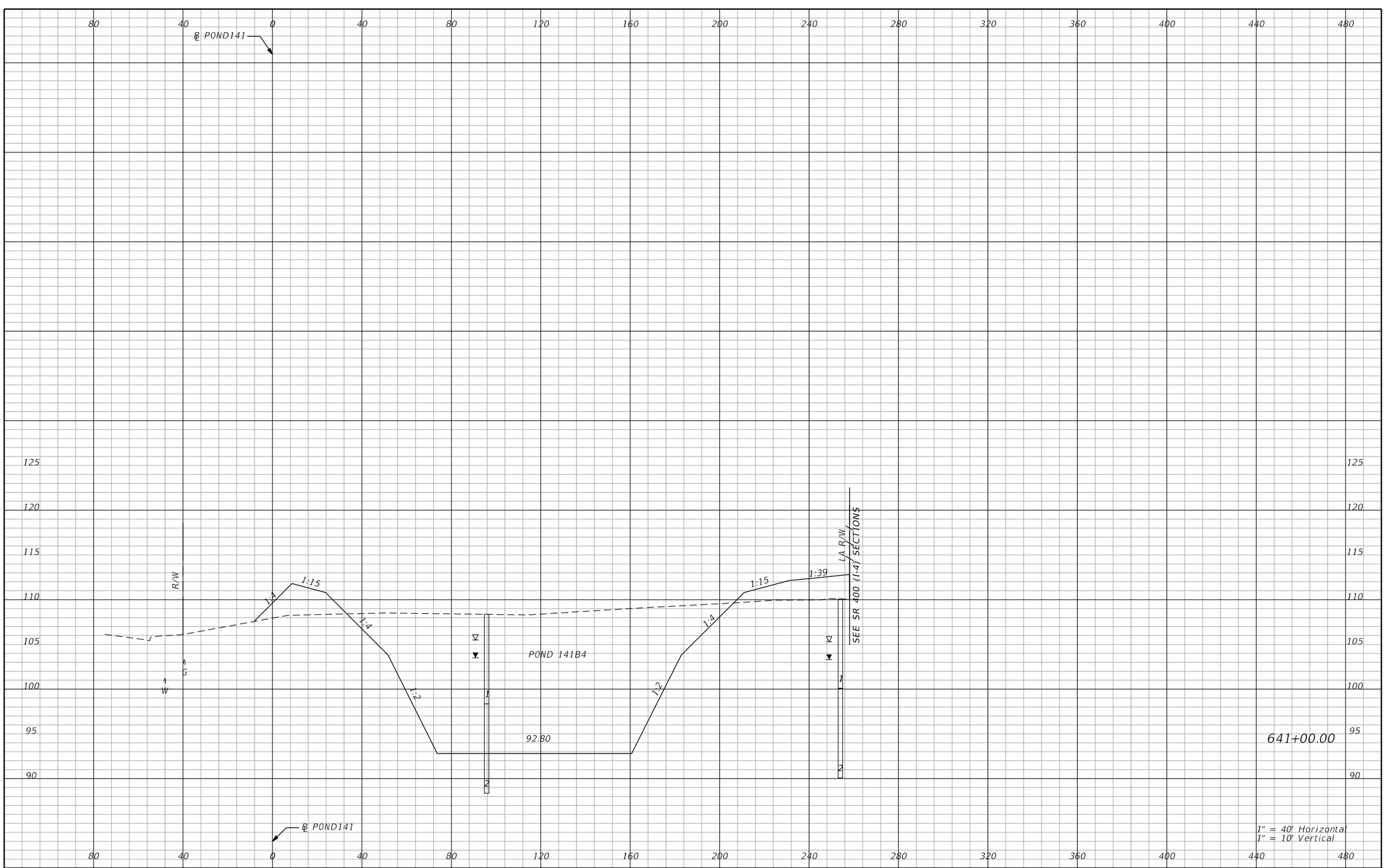


REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

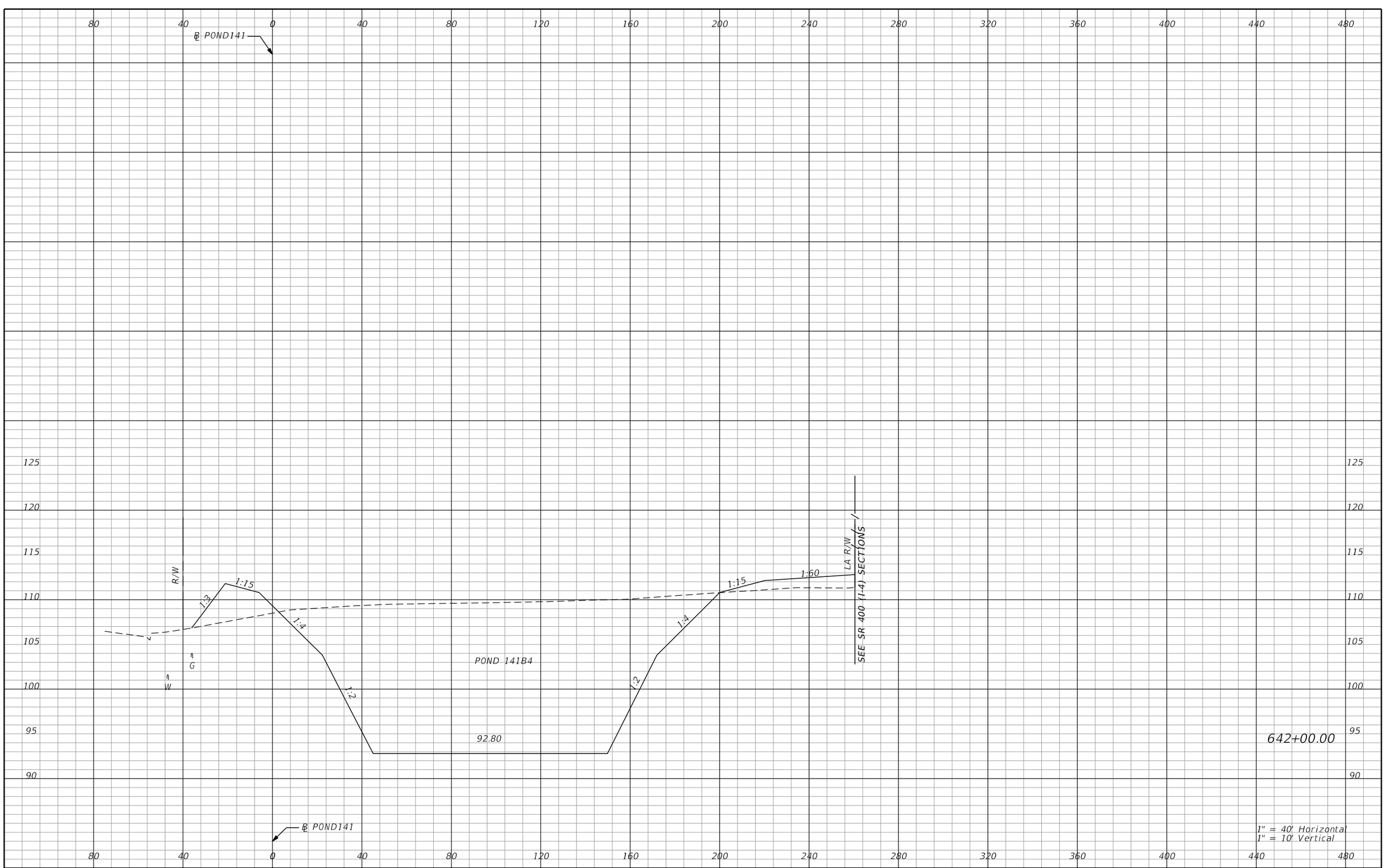
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B4 CROSS SECTIONS

SHEET NO. 1352

PRELIMINARY: NOT FOR CONSTRUCTION



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SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B4 CROSS SECTIONS

SHEET NO. 1353

PRELIMINARY: NOT FOR CONSTRUCTION

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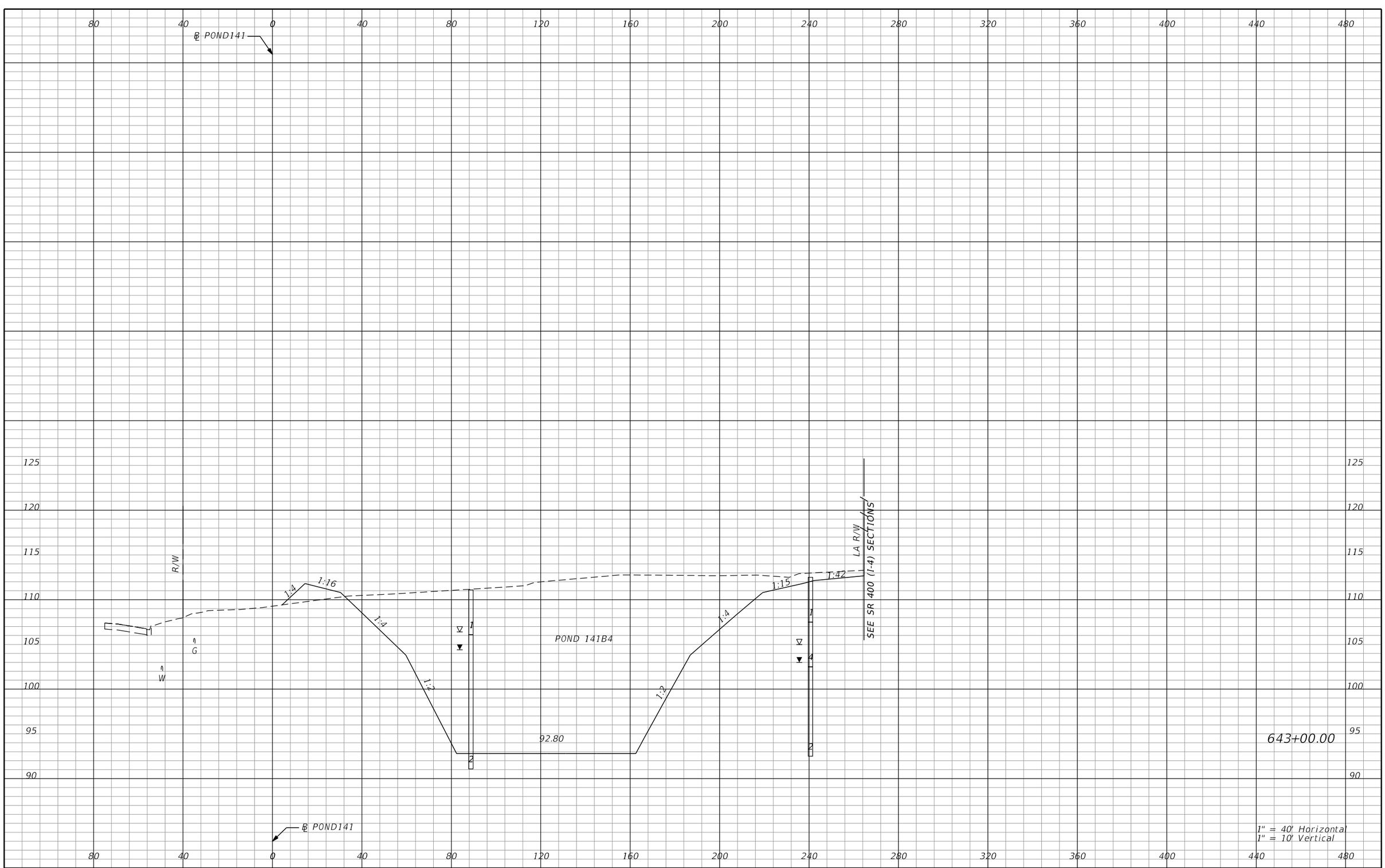

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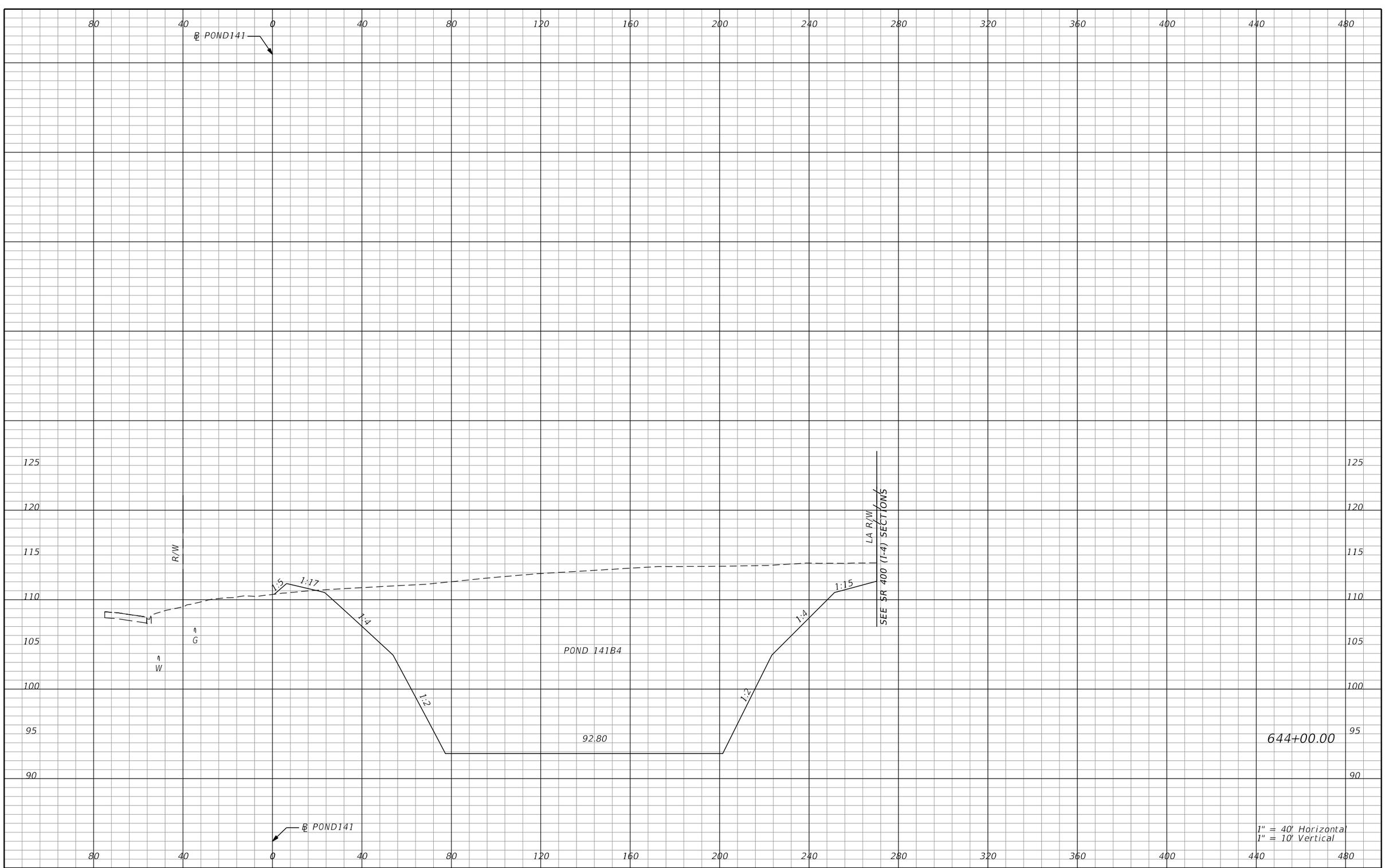
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B4 CROSS SECTIONS

SHEET NO. 1354

PRELIMINARY: NOT FOR CONSTRUCTION



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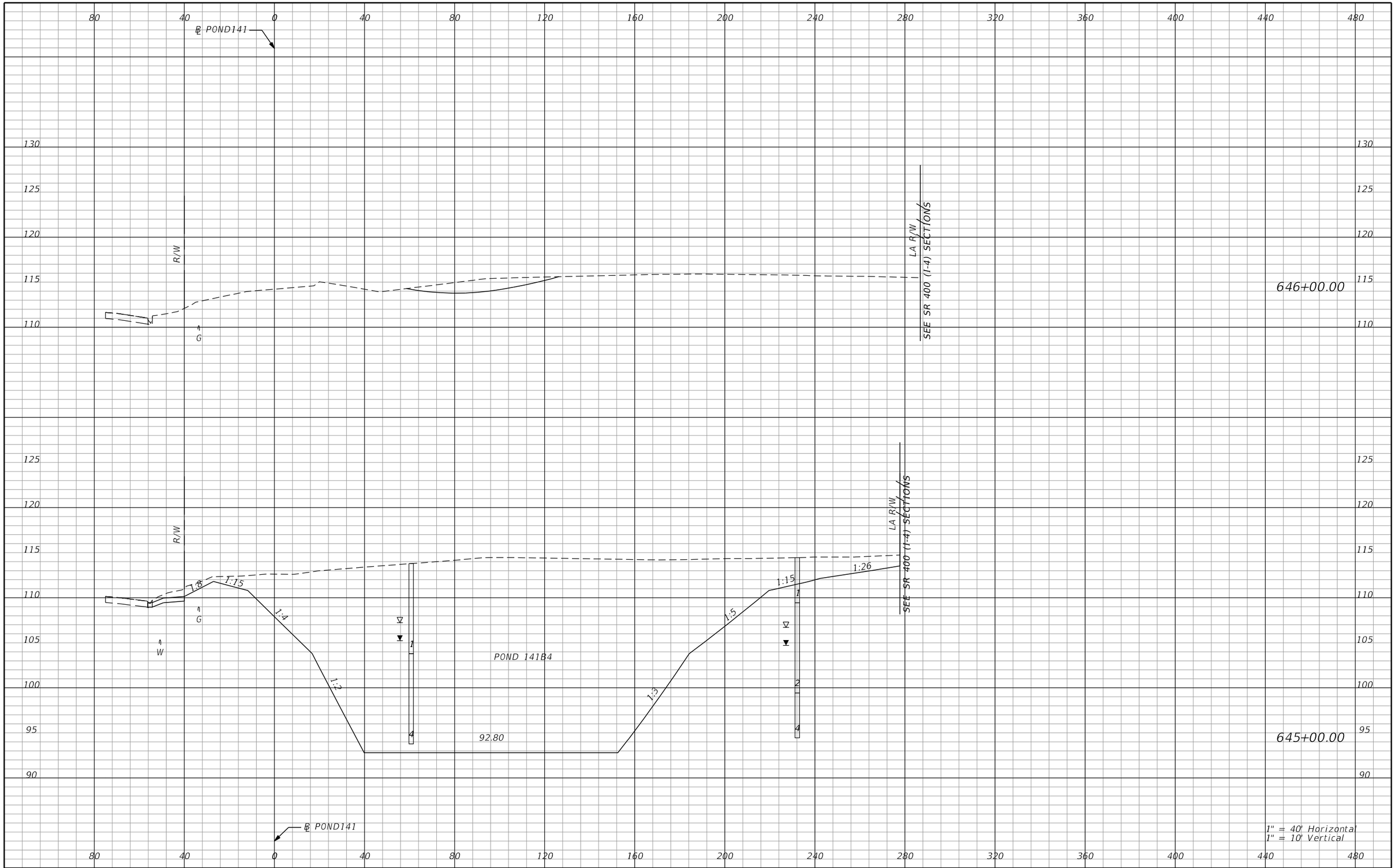
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B4 CROSS SECTIONS

SHEET NO. 1355

PRELIMINARY: NOT FOR CONSTRUCTION



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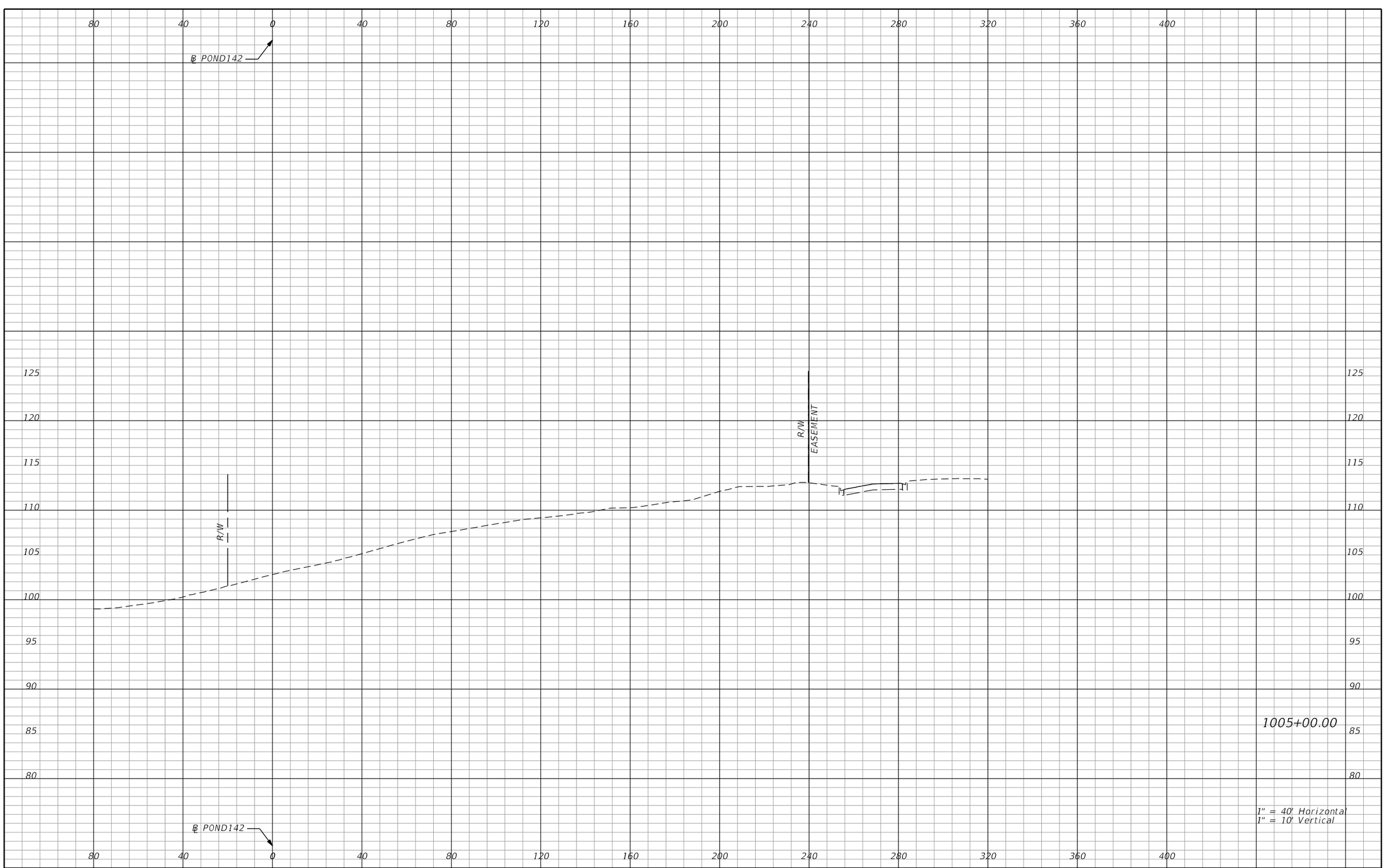
SR 400	ORANGE	242484-8-52-01

PALM PKWY POND 141B4 CROSS SECTIONS

SHEET NO. 1356

PRELIMINARY: NOT FOR CONSTRUCTION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 142
CROSS SECTIONS

SHEET NO. 1357

PRELIMINARY: NOT FOR CONSTRUCTION

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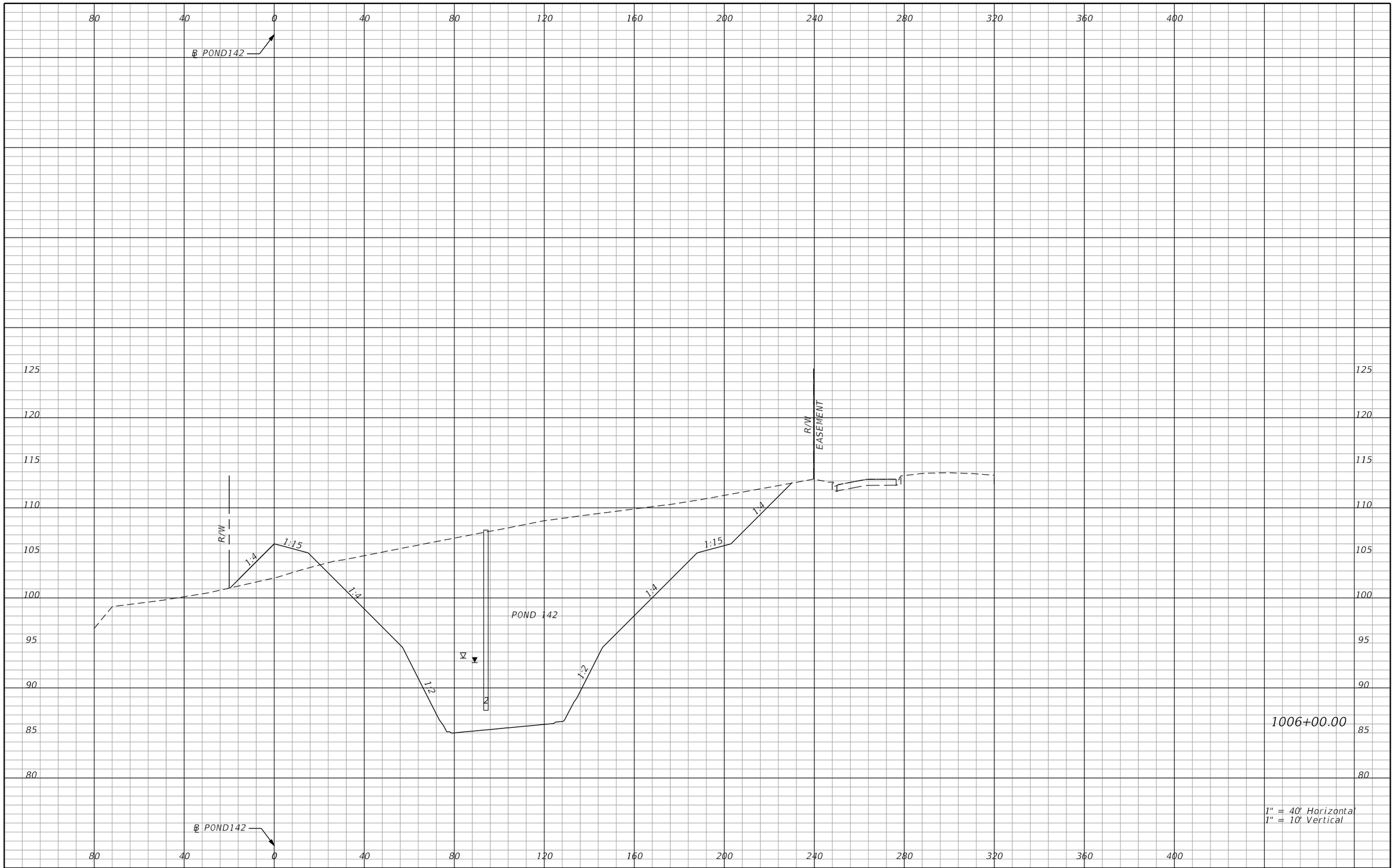

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 142
CROSS SECTIONS

SHEET NO. 1358

PRELIMINARY: NOT FOR CONSTRUCTION

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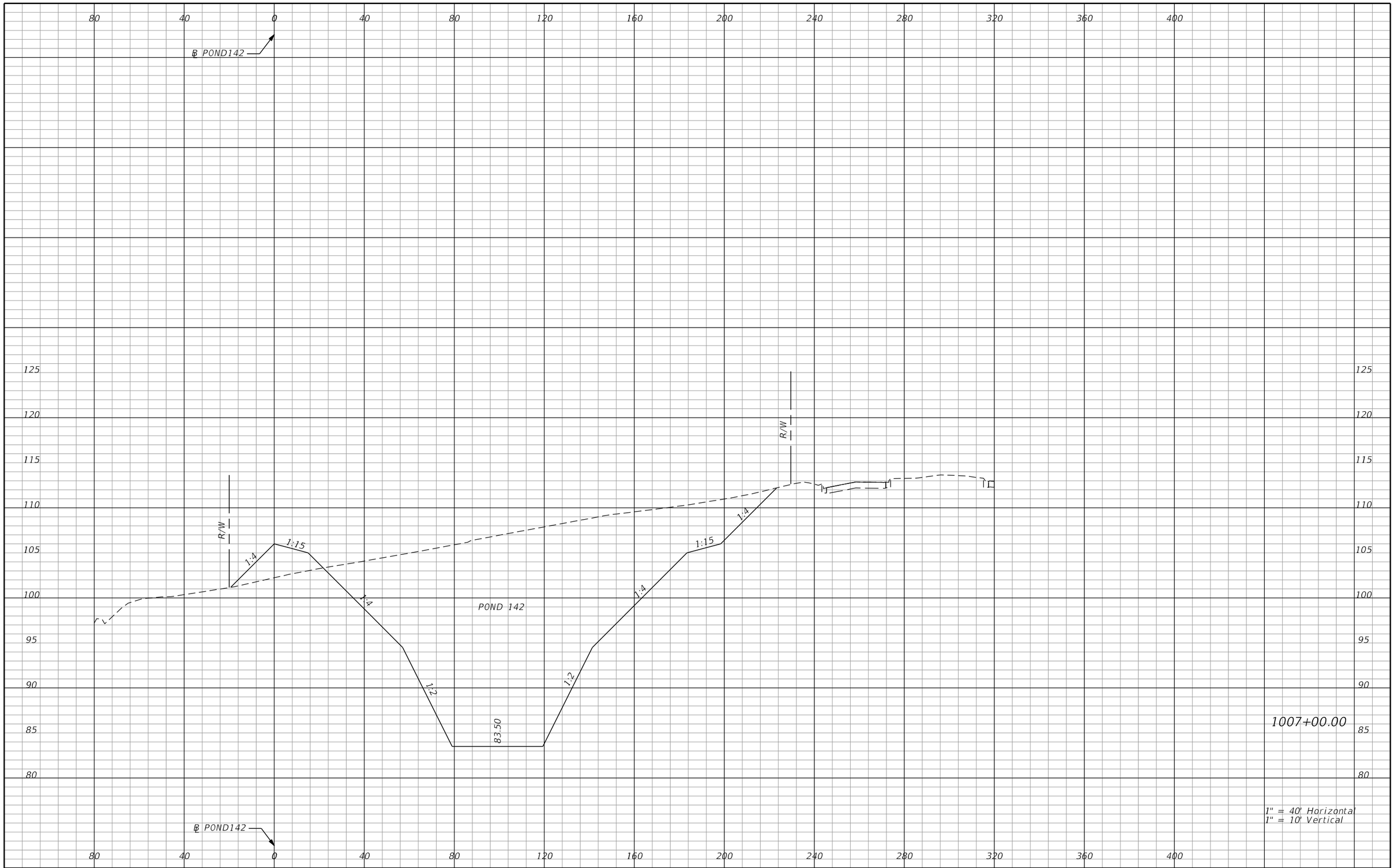

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 142
CROSS SECTIONS

SHEET NO. 1359

PRELIMINARY: NOT FOR CONSTRUCTION

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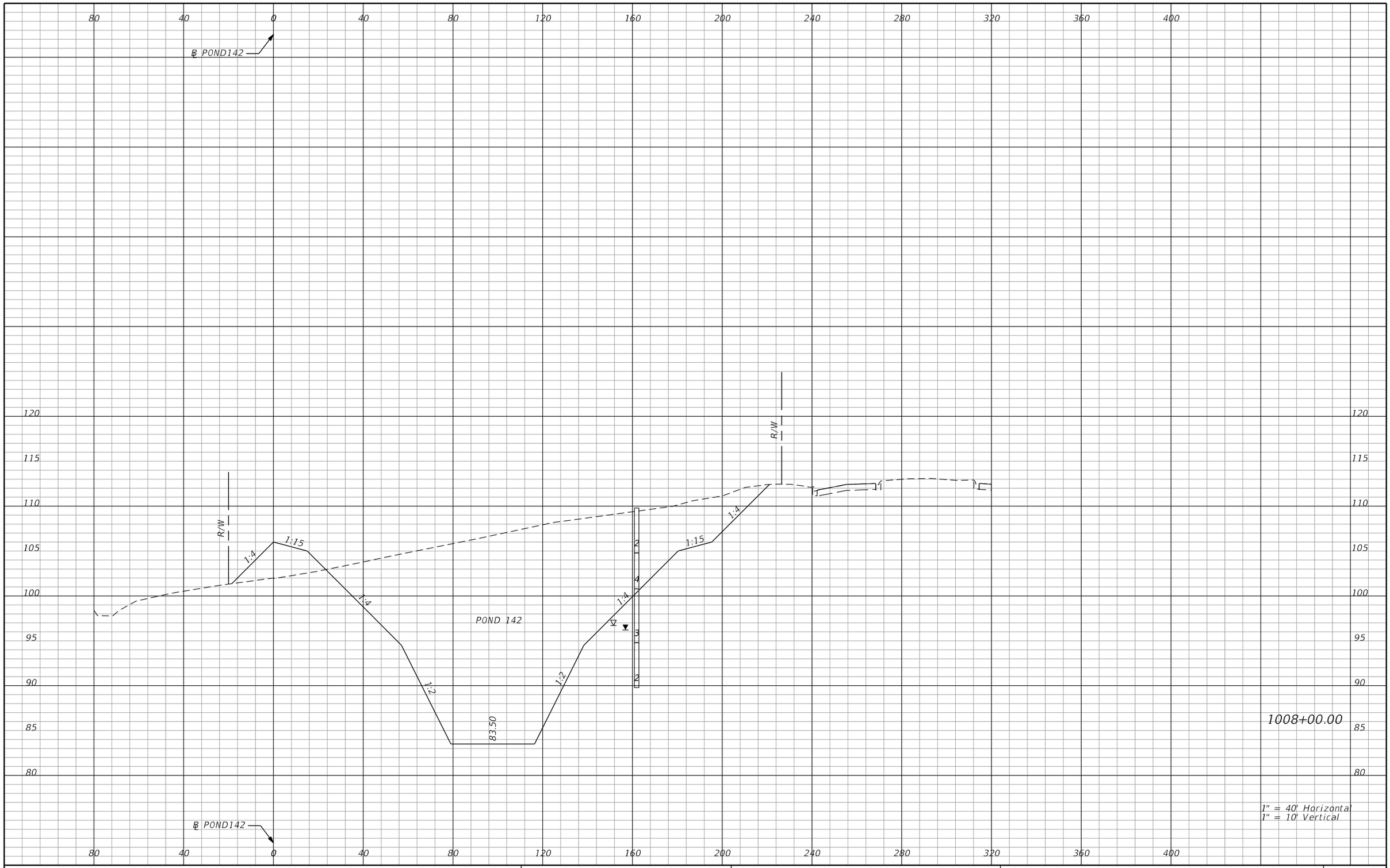

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 142
CROSS SECTIONS

SHEET NO. 1360

PRELIMINARY: NOT FOR CONSTRUCTION

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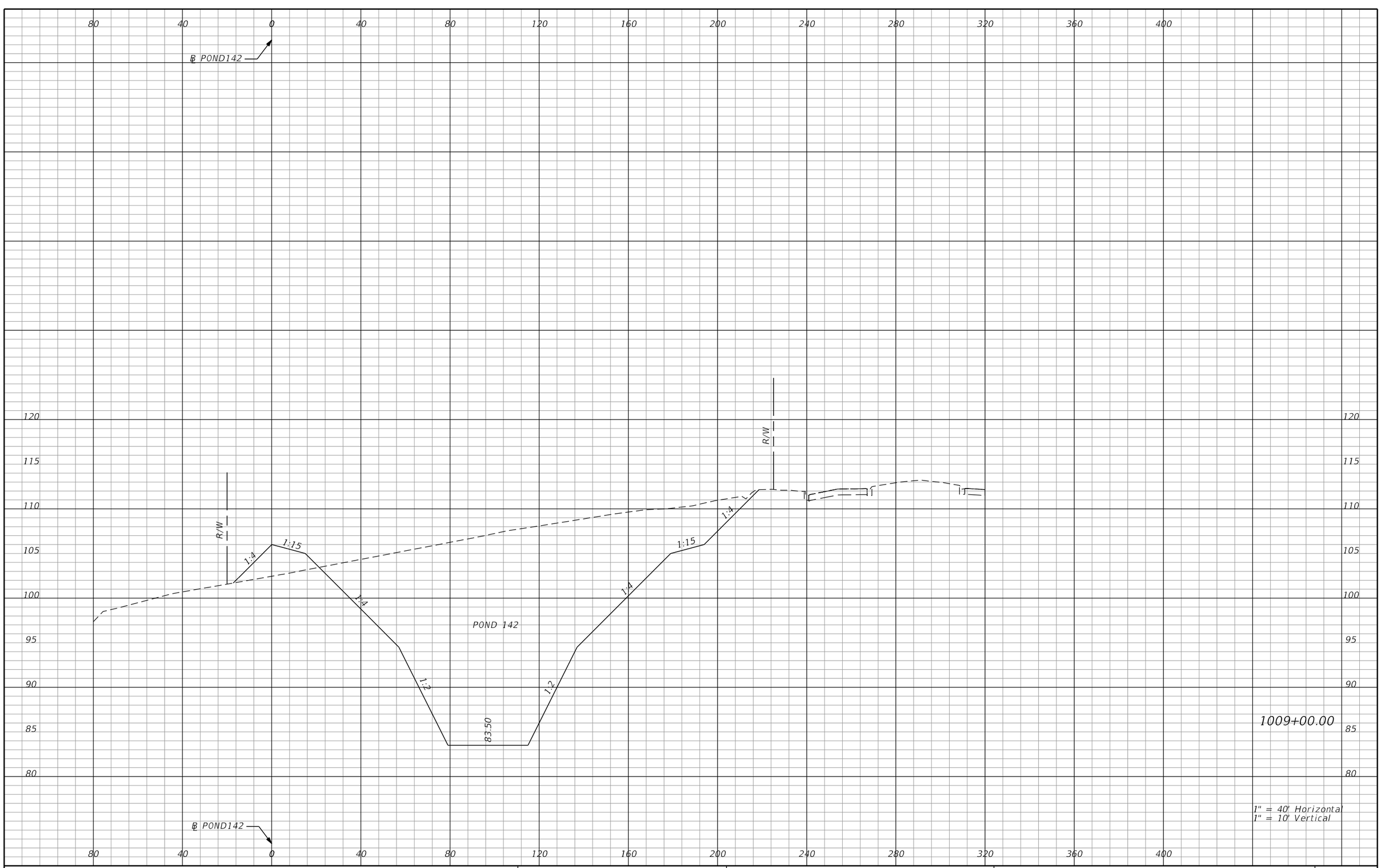

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 142
CROSS SECTIONS

SHEET NO. 1361

PRELIMINARY: NOT FOR CONSTRUCTION

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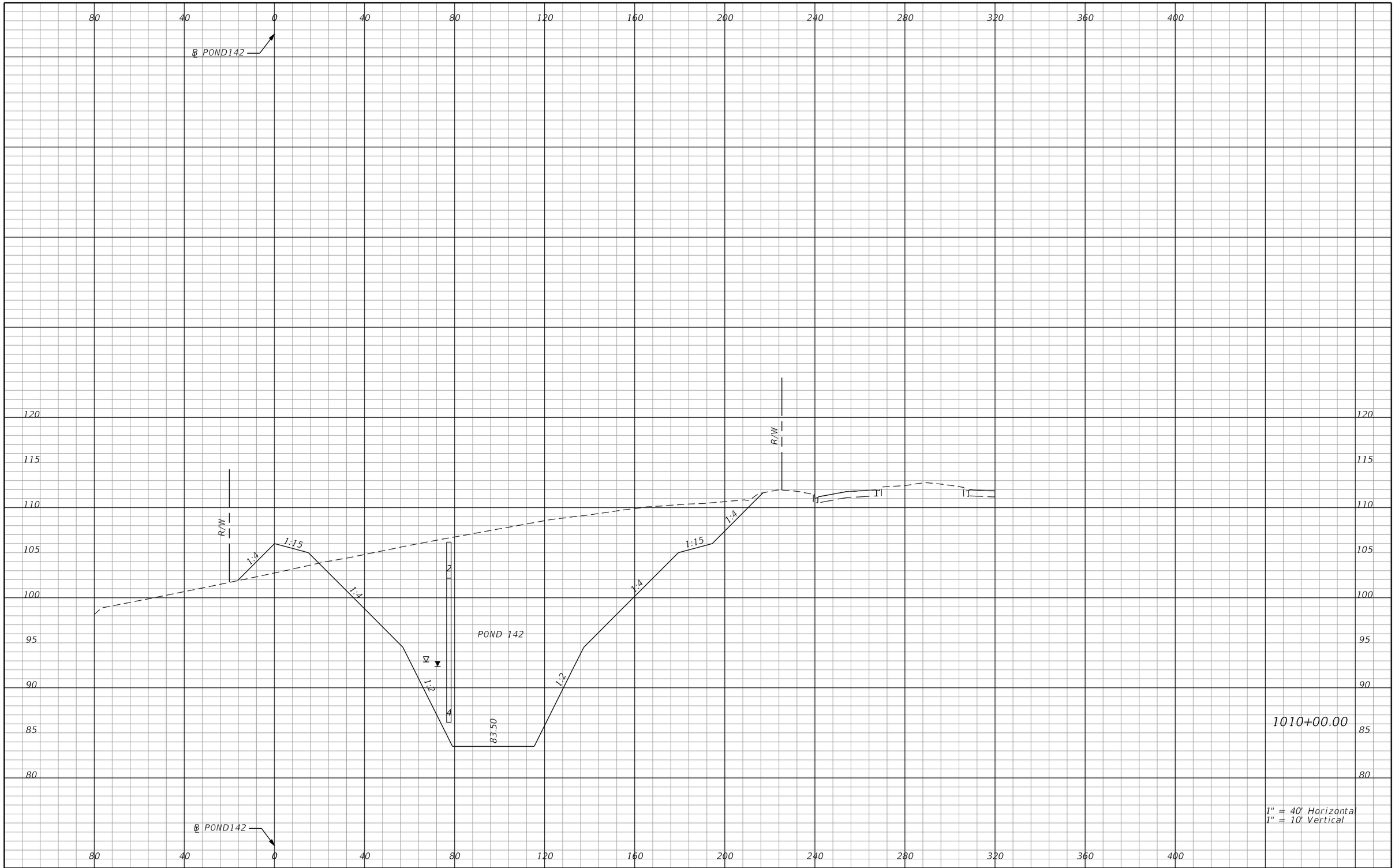

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 142
CROSS SECTIONS

SHEET NO. 1362

PRELIMINARY: NOT FOR CONSTRUCTION

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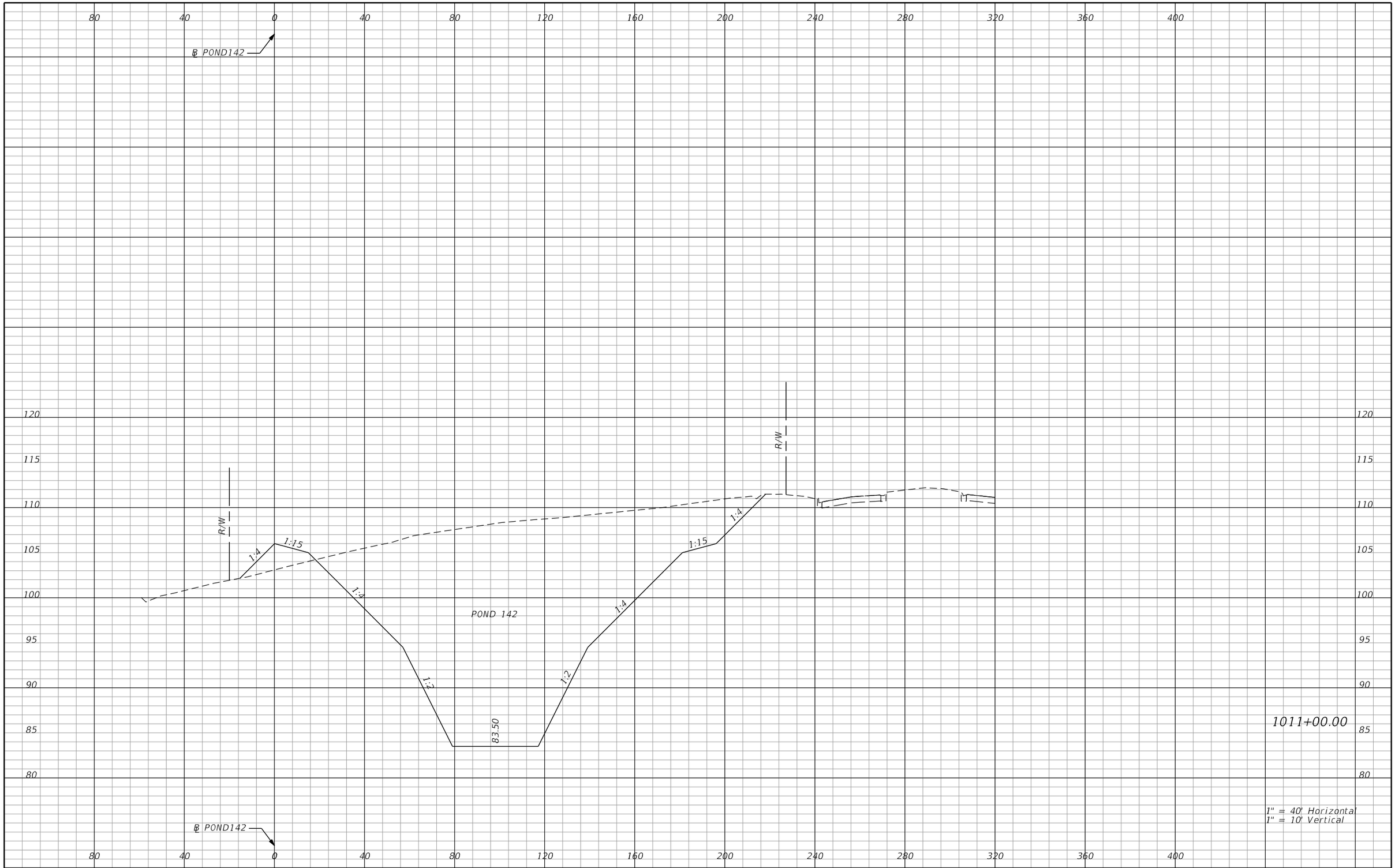

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 142
CROSS SECTIONS

SHEET NO. 1363

PRELIMINARY: NOT FOR CONSTRUCTION

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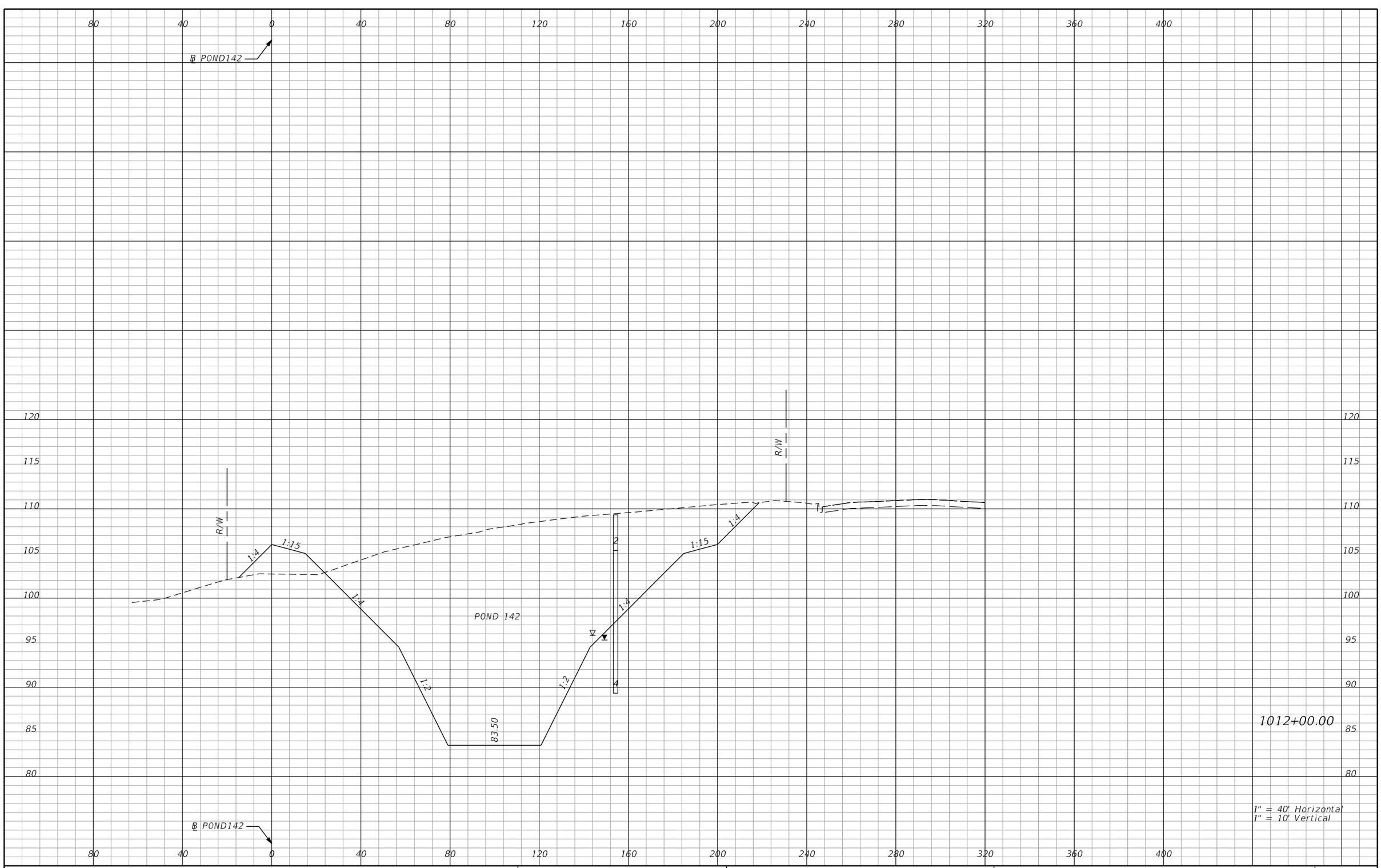

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 142
CROSS SECTIONS

SHEET NO. 1364

PRELIMINARY: NOT FOR CONSTRUCTION

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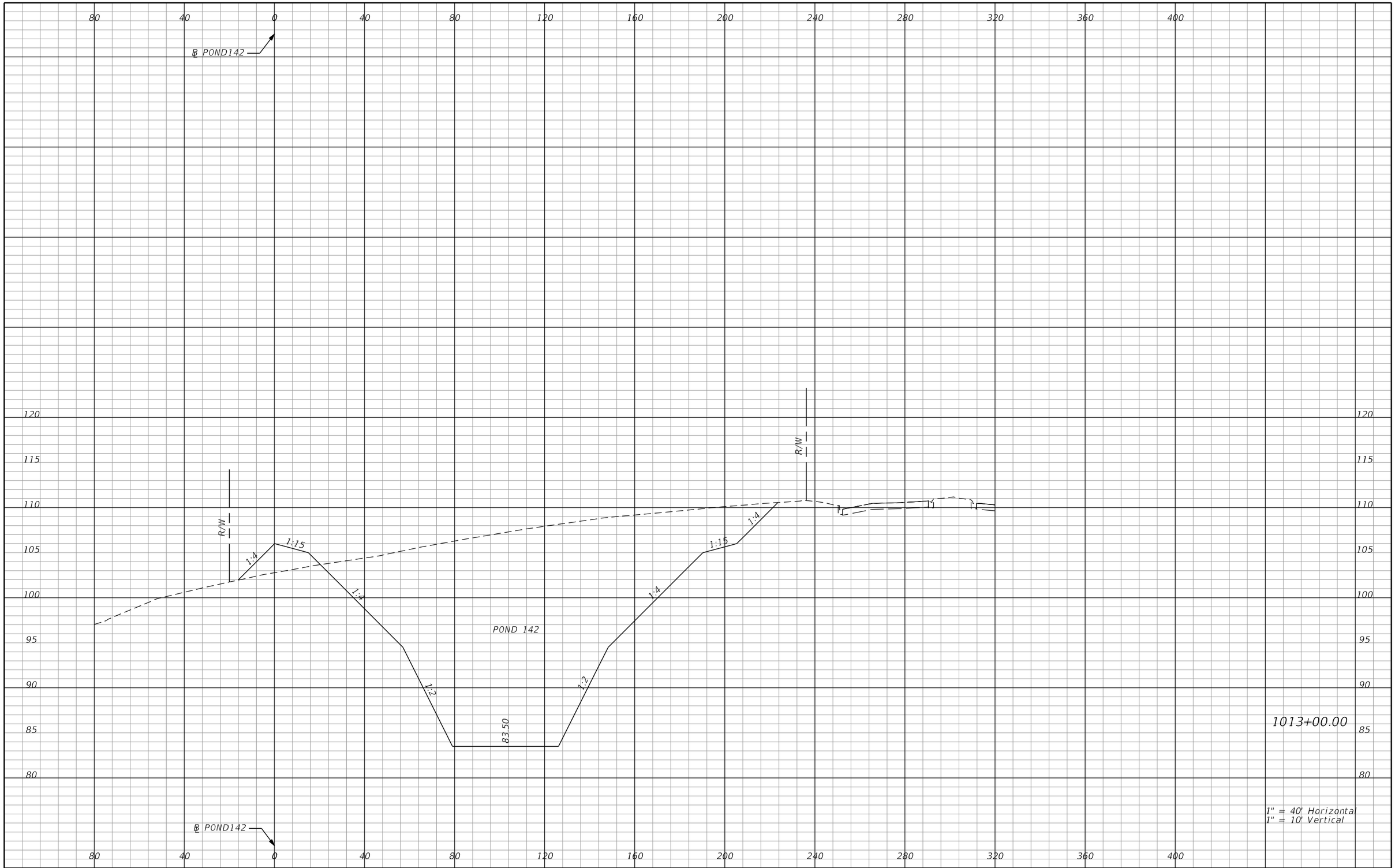

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 142
CROSS SECTIONS

SHEET NO. 1365

PRELIMINARY: NOT FOR CONSTRUCTION

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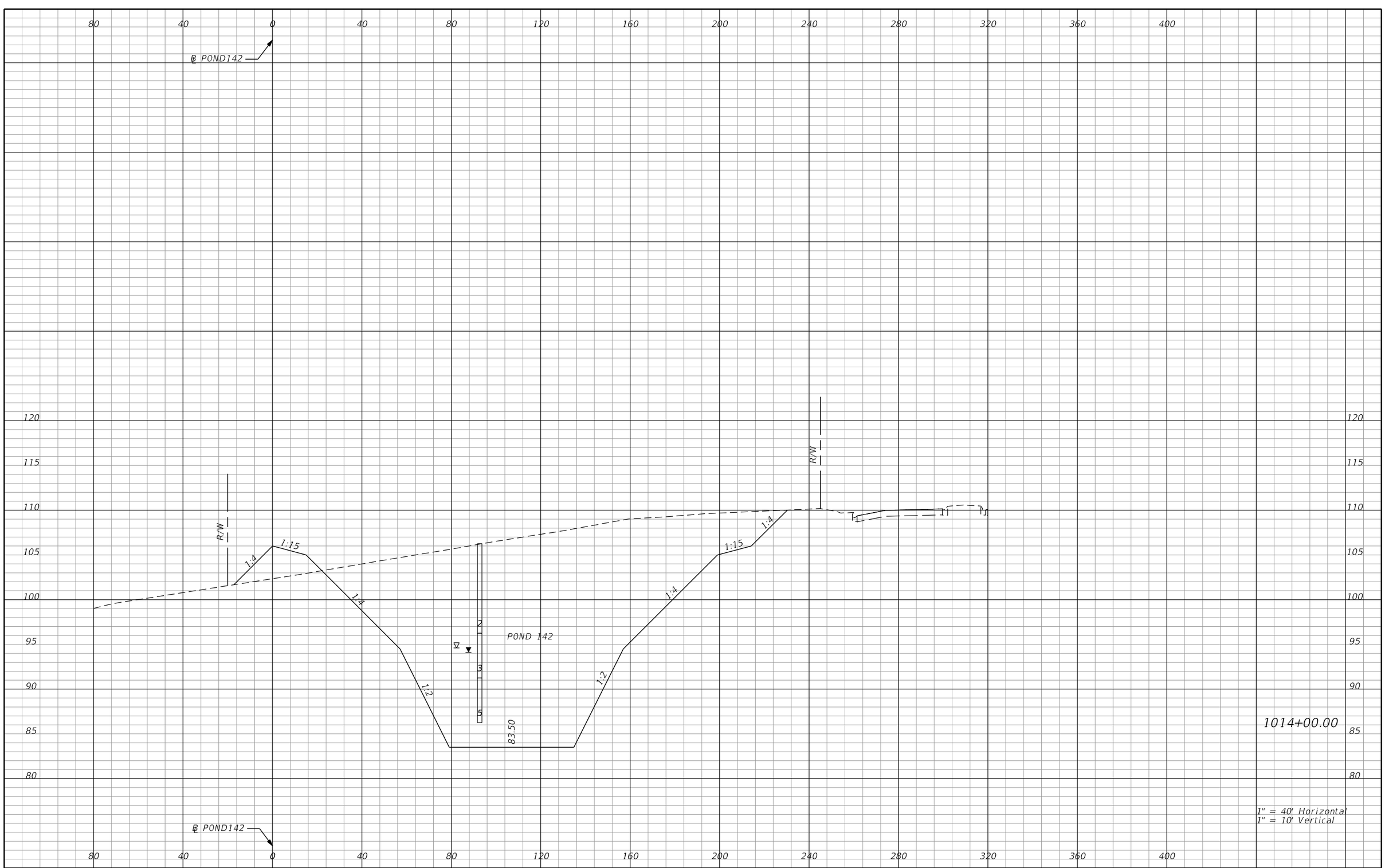

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 142
CROSS SECTIONS

SHEET NO. 1366

PRELIMINARY: NOT FOR CONSTRUCTION

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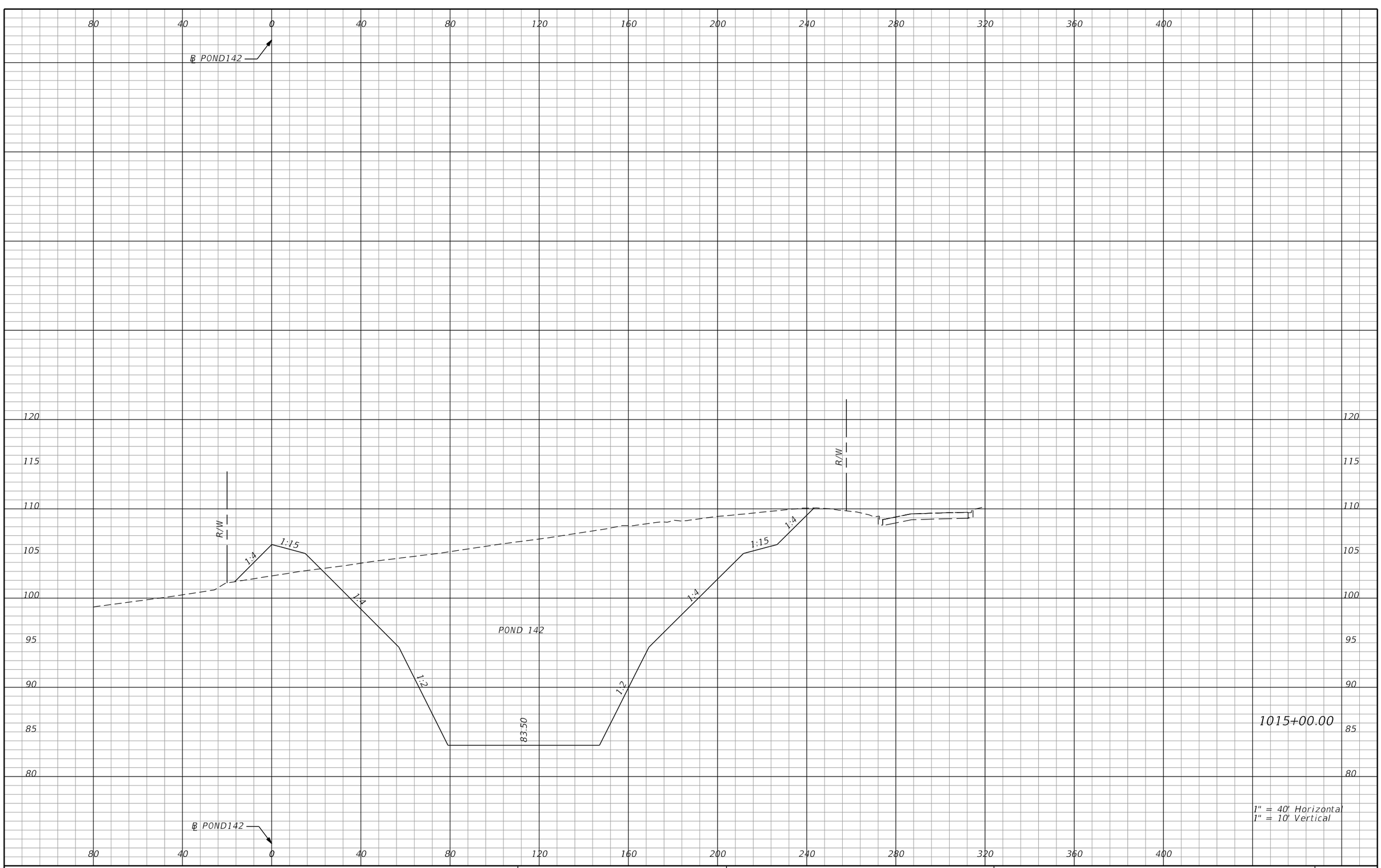

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

POND 142
CROSS SECTIONS

SHEET NO. 1367

PRELIMINARY: NOT FOR CONSTRUCTION

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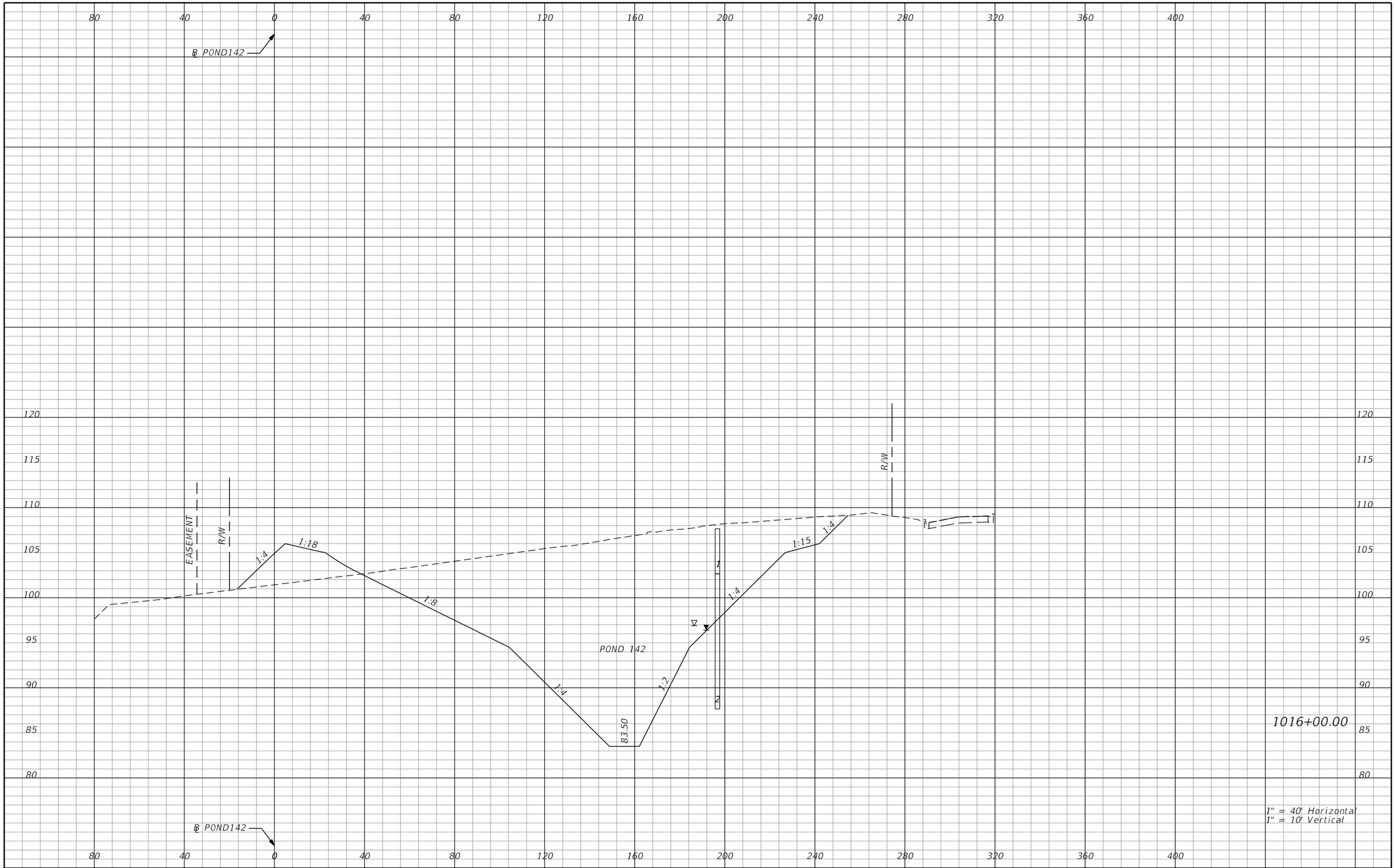

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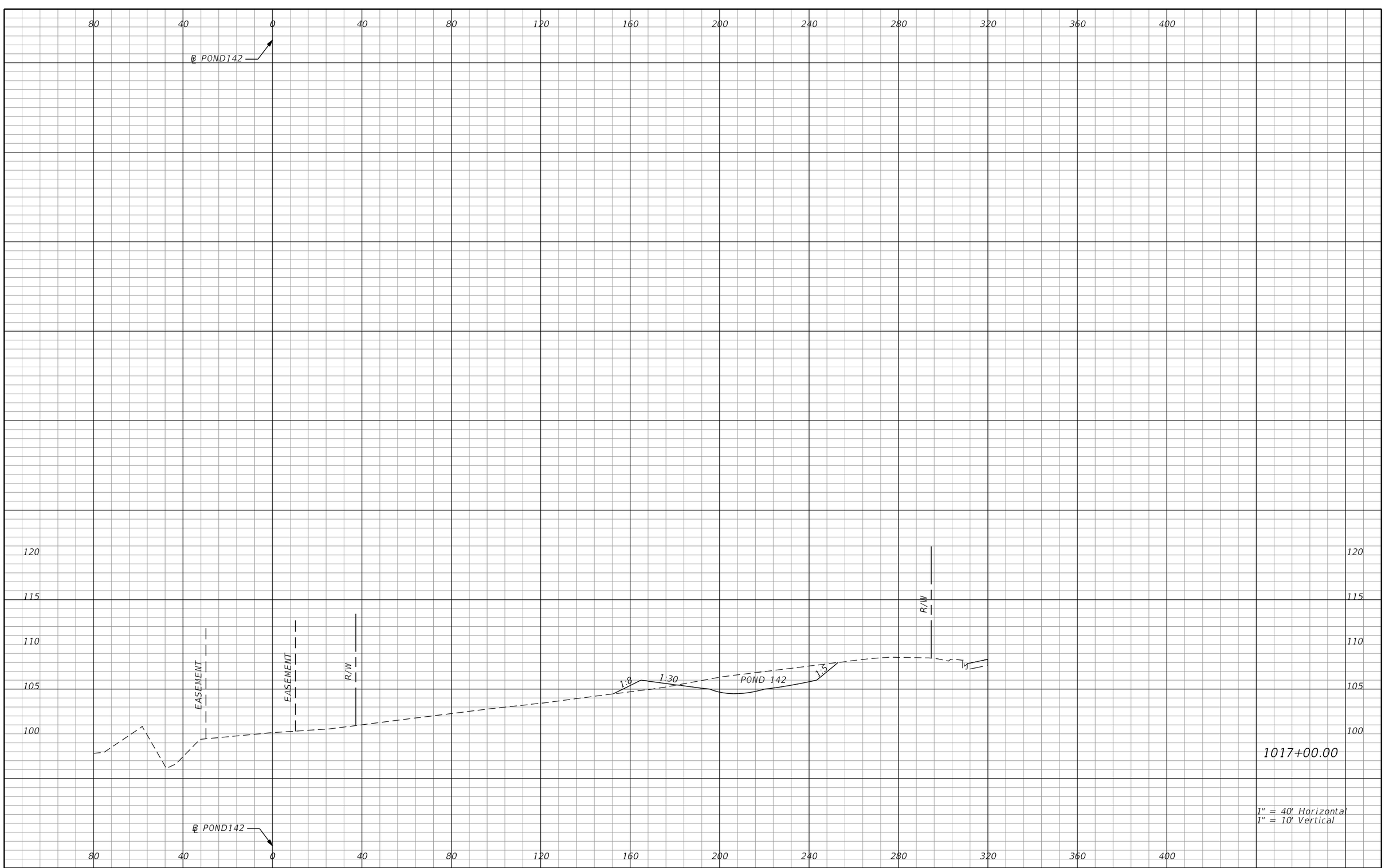
SR 400	ORANGE	242484-8-52-01

POND 142
CROSS SECTIONS

SHEET NO. 1368

PRELIMINARY: NOT FOR CONSTRUCTION



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SR 400	ORANGE	242484-8-52-01

POND 142
CROSS SECTIONS

SHEET NO. 1369

PRELIMINARY: NOT FOR CONSTRUCTION

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THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE DESIGN STANDARDS, AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE FIRST SHEET OF THE CONSTRUCTION PLANS (CALLED THE KEY SHEET) CONTAINS AN INDEX TO THE OTHER SHEETS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN INCLUDES SEVERAL ITEMS: THIS NARRATIVE DESCRIPTION, THE DOCUMENTS REFERENCED IN THIS NARRATIVE, THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104, AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

I. SITE DESCRIPTION:

(1) NATURE OF CONSTRUCTION ACTIVITY:

(a) THE PROJECT IS LOCATED ALONG A 5.438–MILE SEGMENT OF SR 400 (I–4), WHICH EXTENDS FROM THE OSCEOLA/ORANGE COUNTY LINE AT MILEPOST 0.000 TO ORANGE COUNTY MILEPOST 5.438. SR 400 IS CLASSIFIED AS A MAJOR ARTERIAL ROAD AND IS A HURRICANE EVACUATION ROUTE. THE PROPOSED IMPROVEMENTS TO SR 400 INCLUDE WIDENING THE EXISTING SIX (6) LANE DIVIDED URBAN HIGHWAY TO A TEN (10) LANE DIVIDED URBAN HIGHWAY. THIS INVOLVES CONSTRUCTING ROADWAY SURFACE, UNDERGROUND STORM DRAIN SYSTEMS, OPEN DITCHES & STORMWATER MANAGEMENT FACILITIES.

(2) SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.
FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

1. INSTALLATION OF SEDIMENT BARRIERS, CLEARING AND GRUBBING, EARTHWORK, AND STORM DRAIN CONSTRUCTION FOR THE OUTFALL FROM THE PONDS.

2. CLEARING AND GRUBBING, EARTHWORK FOR POND CONSTRUCTION.

3. STORM DRAIN CONSTRUCTION. CONSTRUCT STORM DRAIN PIPES IN THE UPSTREAM DIRECTION.

4. EARTHWORK ASSOCIATED WITH THE CONSTRUCTION OF ROADWAY, GRAVITY WALL, CURB, SUBGRADE, BASE, PAVEMENT, AND SIDEWALK.

5. FINAL SOD AND LANDSCAPING.

(3) GENERAL NOTES:

(a) ALL EROSION AND SEDIMENT CONTROL DEVICES FOR EACH PHASE OF WORK ARE TO BE INSTALLED PRIOR TO BEGINNING WORK ON THAT PHASE.
(b) INSTALL EROSION AND SEDIMENT CONTROL DEVICES WHERE LISTED IN THE CONTRACTOR'S APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR PERIMETER CONTROLS BEFORE THE LAND IS DISTURBED.
(c) PROVIDE SEDIMENT BARRIERS WHERE LISTED IN THE CONTRACTOR'S APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR DITCH/SWALE CHECK DAMS DURING CONSTRUCTION.
(d) PROVIDE INLET PROTECTION SYSTEMS AT INLET OPENINGS.
(e) COVER OR STABILIZE DISTURBED AREAS AS SOON AS POSSIBLE.
(f) DO NOT DISTURB AN AREA UNTIL IT IS NECESSARY FOR CONSTRUCTION TO PROCEED.
(g) TIME CONSTRUCTION ACTIVITIES TO LIMIT IMPACT FROM SEASONAL CLIMATE CHANGES OR WEATHER EVENTS.
(h) DO NOT REMOVE PERIMETER CONTROLS UNTIL ALL UPSTREAM AREAS ARE FULLY STABILIZED AND PERMANENT VEGETATION IS ESTABLISHED.

(4) PROJECT AREAS:

TOTAL SITE AREA: 703.2 ACRES.
TOTAL AREA TO BE DISTURBED: 681.5 ACRES

(5) ESTIMATED RUNOFF COEFFICIENTS, EXISTING SOIL DATA:

ESTIMATED RUNOFF COEFFICIENTS:
BEFORE CONSTRUCTION: 0.45
DURING CONSTRUCTION: VARIES FROM 0.45 TO 0.61
AFTER CONSTRUCTION: 0.61

SOILS DATA: THE RESULTS OF THE SOIL BORINGS ALONG THE ROADWAY ARE SHOWN IN THE ROADWAY SOIL SURVEY SHEET(S). THE RESULTS OF SOIL BORINGS DONE IN THE PONDS ARE SHOWN ON THE POND DETAIL SHEETS. THE NUMBERS FOR THESE ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS. IN GENERAL, THE SOILS ARE FINE SANDS.

(6) DESCRIPTION OF SOIL OR QUALITY OF DISCHARGE:

SOIL TYPE	HYDROLOGIC GROUP	DEPTH TO SHWE (IN)
ARENTS	A	24–36
ARCHIBOLD FINE SAND, 0 TO 5 PERCENT SLOPES	A	42–60
BASINGER FINE SAND, 0–1 PERCENT SLOPES	A/D	0–6
CANDLER SAND, 0–5 PERCENT SLOPES	A	>80
CANDLER APOPKA FINE SAND, 5 TO 12 PERCENT SLOPES	A	>80
CANDLER URBAN LAND COMPLEX, 0 TO 12 PERCENT SLOPES	A	>80
FELDA FINE SAND, 0 TO 2 PERCENT SLOPES	A/D	3–18
FLORIDA MUCKY FINE SAND, 0 TO 1 PERCENT SLOPES	C/D	0–6
IMMOKALEE FINE SAND, 0 TO 5 PERCENT SANDS	B/D	6–12
ONA FINE SAND, 0 TO 2 PERCENT SLOPES	B/D	6–18
ONA–URBAN LAND COMPEX	B/D	6–12
POMELLO FINE SAND, 0 TO 5 PERCENT SLOPES	A	24–42
POMPANO FINE SAND, 0 TO 2 PERCENT SLOPES	A/D	3–18
ST. JOHNS FINE SAND	B/D	6–12
ST. LUCIE FINE SAND, 0 TO 5 PERCENT SLOPES	A	>80
SAMSULA MUCK, 0 TO1 PERCENT SLOPES	A/D	0–6
SAMSULA–HONTOON–BASINGER ASSOCIATIONS, DEPRESSIONAL	A/D	0
SANIBEL MUCK	A/D	0
SEFFNER FINE SAND, 0 TO 2 PRCENT SLOPES	A/D	18–42
SMYRNA–SMYRNA WET, FINE SAND 0 TO 2 PERCENT SLOPES	A/D	6–18
SMYRNA FINE SAND–URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES	A/D	6–18
TAVARES FINE SAND, 0 TO 5 PERCENT SLOPES	A	42–72
TAVARES–MILLHOPPER COMPLEX, 0 TO 5 PERCENT SLOPES	A	42–72
TAVARES–URBAN LAND COMPLEX, 0 TO 5 PERCENT SLOPES	A	42–72
ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES	A	18–42
WATER		>80

(7) ESTIMATED DRAINAGE FLOW DIRECTION AND AVERAGE SLOPE OF DRAINAGE AREA FOR EACH OUTFALL:

(a) SITE MAP: INCLUDED WITH THE PROJECT PLAN SET.
(b) DRAINAGE MAPS OR MAPS WITH APPROPRIATE CONTOURS: INCLUDED WITH THE PROJECT PLAN SET. EXISTING DRAINAGE PATTERNS WILL BE MAINTAINED TO BEST POSSIBLE EXTENT. STORMWATER WILL BE CONVEYED BY CLOSED SYSTEMS AND OPEN DITCHES. ALL ROADWAY STORMWATER WILL BE ROUTED TO STORMWATER PONDS BEFORE DISCHARGING TO RECEIVING WATERS.

(8) RECEIVING WATERS / WETLAND AREAS:

OUTFALL ID	RECEIVING WATER	DA (AC)	LAT	LONG	OFW
BLACK LAKE (RCID)	REEDY CREEK	208.1	28°22'50" N	81°30'27" W	NO
RUBY LAKE	RUBY LAKE	0.27	28°23'41" N	81°29'23" W	NO
LAKE WILLIS	LAKE WILLIS	84.20	28°24'9" N	81°28'50" W	NO
BIG SAND LAKE 1	SAND LAKE	180.11	28°24'28" N	81°28'59" W	NO
BIG SAND LAKE 2	SAND LAKE	0.75	28°24'43" N	81°28'43" W	NO
DISTRICT	VWCD	2.32	28°24'37" N	81°28'35" W	NO
RCID WTLND E OUTFALL	BONNET CREEK	513.18	28°21'7" N	81°31'47" W	NO
RCID NWTLND E OUTFALL	BONNET CREEK	46.01	28°21'35" N	81°31'48" W	NO
E RCID C1 CANAL OUTFALL	BONNET CREEK	67.03	28°20'41" N	81°31'56" W	NO

(9) WETLAND AND/OR SURFACE WATER IMPACTS:
ESTIMATED TOTAL WETLAND IMPACTS = 141.40 AC.
WETLAND IMPACTS ARE DESCRIBED IN THE APPROVED PERMITS OF THE PROJECT.

REFERENCE: NRCS WEB SOIL SURVEY ORANGE COUNTY FLORIDA

(10) DESCRIPTION OF STORMWATER MANAGEMENT (EXISTING / PROPOSED):

(a) EXISTING AND PROPOSED DRAINAGE FLOWS ARE TYPICALLY CONVEYED THROUGH STORM SEWER INLETS AND PIPES, ROADSIDE DITCHES, SIDEDRAINS AND CROSSDRAINS ALONG THE PROJECT.
(b) OFF–SITE RUNOFF SHOULD BE DIVERTED AWAY OR THROUGH THE CONSTRUCTION AREA, IF POSSIBLE. THIS ADDITIONAL FLOW, IF NOT DIVERTED, CAN ADD VOLUME AND SIZE TO STRUCTURAL PRACTICES, REQUIRING MORE FREQUENT MAINTENANCE AND LIMITING EFFECTIVENESS OF EROSION AND SEDIMENT CONTROLS.
(c) THE CONTRACTOR WILL PROVIDE POLLUTION CONTROL BY IMPLEMENTING DUST CONTROL DURING ALL PHASES OF CONSTRUCTION. SEDIMENT CONTROL WILL BE ACCOMPLISHED BY USING STREET OR VACUUM SWEEPERS.
(d) STORMWATER RUNOFF SHALL BE CONVEYED TO EITHER TEMPORARY SEDIMENT BASINS, CONTAINMENT SYSTEMS AND/OR TO PERMANENT STORMWATER MANAGEMENT FACILITIES (TREATMENT AND ATTENUATION PONDS). THE PROPOSED SEDIMENT BASINS, CONTAINMENT SYSTEMS AND/OR STORMWATER MANAGEMENT FACILITIES SHALL BE CONSTRUCTED DURING THE INITIAL PHASE OF CONSTRUCTION AND USED DURING CONSTRUCTION OF THE ROADWAY. THE OUTFALL STRUCTURES ARE TO BE PLUGGED WHEN TEMPORARY SEDIMENT BASINS, CONTAINMENT SYSTEMS OR PERMANENT STORMWATER MANAGEMENT FACILITIES ARE USED FOR EROSION AND SEDIMENT CONTROL.
(e) THE CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS TO PREVENT UNAUTHORIZED MATERIALS FROM ENTERING WETLANDS, WATERWAYS, OTHER SURFACE WATERS OR WATERS OF THE U.S.

PRELIMINARY: NOT FOR CONSTRUCTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 1370

II. CONTROLS

SEDIMENT AND EROSION CONTROLS

(1) WATER QUALITY MONITORING:

(a) WATER QUALITY MONITORING SHALL BE CONDUCTED IN ACCORDANCE WITH THE SPECIAL CONDITIONS OF ANY ENVIRONMENTAL PERMIT OR BY THE CONTRACTOR UPON THE OBSERVATION THAT WATER QUALITY STANDARDS MAY BE VIOLATED BY THE CONTRACTOR'S ACTIVITIES. MONITORING LOCATIONS MAY BE SPECIFIED IN THE ENVIRONMENTAL PERMIT OR MAY BE DESIGNATED BY THE CONTRACTOR AND APPROVED BY THE PROJECT ADMINISTRATOR.

(b) THE PROJECT ADMINISTRATOR WILL BE RESPONSIBLE FOR MONITORING ANY ACTIVITIES FOR VIOLATION OF WATER QUALITY STANDARDS AS THEY RELATE TO TURBIDITY (NO GREATER THAN 29 NEPHELOMETRIC TURBIDITY UNITS (NTU) ABOVE BACKGROUND OR GREATER THAN 0 NTU ABOVE BACKGROUND FOR DIRECT DISCHARGES TO OFW'S).

(c) IF WATER QUALITY STANDARDS ARE VIOLATED, CONSTRUCTION SHALL BE STOPPED IMMEDIATELY, THE ENVIRONMENTAL PERMIT CONDITIONS FOLLOWED AND EROSION AND SEDIMENT CONTROL DEVICES REEVALUATED AND APPROVED BY THE ENGINEER PRIOR TO ANY CONTINUATION OF ACTIVITY. MONITORING ACTIVITIES AND TURBIDITY READINGS SHALL BE RECORDED ON THE CONSTRUCTION INSPECTION REPORT AND CONTINUED UNTIL TURBIDITY READINGS FALL BELOW AN ACCEPTABLE LEVEL (LESS THAN 29 NTU ABOVE BACKGROUND OR LESS THAN 0 NTU ABOVE BACKGROUND FOR DIRECT DISCHARGES TO OFW'S).

(d) WATER QUALITY MONITORING MAY BE CONDUCTED DURING ANY PHASE OF CONSTRUCTION AS DIRECTED BY THE PROJECT ENGINEER.

(2) STABILIZATION PRACTICES:

(a) STABILIZATION MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO MAINTAINING, ESTABLISHING AND USING VEGETATION, APPLYING MULCHES, SODDING, SEEDING, BEST MANAGEMENT PRACTICES (BMP) AND THE USE OF ROLLED EROSION CONTROL PRODUCTS. WHEN CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, SIDE SLOPES SHALL BE STABILIZED WITH PERFORMANCE SODDING OR SEEDING OR ANY OTHER APPROVED METHOD OF STABILIZATION INCLUDED IN THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEW MANUAL (E&SC MANUAL).

(b) STABILIZATION SHALL TAKE PLACE AS SOON AS PRACTICAL IN PORTIONS OF THE PROJECT WHERE CONSTRUCTION ACTIVITIES HAVE CEASED, BUT NO LATER THAN 7 DAYS AFTER ANY CONSTRUCTION ACTIVITY CEASES EITHER TEMPORARILY OR PERMANENTLY.

(c) ALL EROSION CONTROL DEVICES SHALL BE INSTALLED ACCORDING TO THE CONTRACT DOCUMENTS AND THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN.

(d) ANY TEMPORARY MATERIAL USED FOR POLLUTION OR EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT AND FINAL STABILIZATION OF THE PROJECT HAS BEEN ACHIEVED.

(e) SEDIMENT BARRIERS SHOULD BE USED ALONG THE LENGTH OF THE PROJECT WHERE THE GROUND SLOPES AWAY FROM THE RIGHT OF WAY OR WHERE THERE IS POTENTIAL FOR SEDIMENT TO BE DIRECTED OFF-SITE. PARTICULAR CARE SHOULD BE USED WHEN THERE IS POTENTIAL FOR SEDIMENT TO BE DIRECTED OFF-SITE. PARTICULAR CARE SHOULD BE USED WHEN THERE ARE WETLANDS OR WATERS OF THE U.S. ARE INVOLVED. SEDIMENT BARRIERS SHOULD BE USED AROUND THE PERIMETER OF STOCKPILE AREAS.

(f) SPACING OF SEDIMENT BARRIERS USED AS DITCH OR SWALE CHECKS/DAMS SHOULD BE BASED UPON THE HEIGHT OF THE BARRIER AND THE SLOPE OF THE DITCH OR SWALE.

(g) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MODIFYING SOIL TRACKING PREVENTION SYSTEMS OR PROCEDURES AS NEEDED.

(3) STRUCTURAL PRACTICES FOR EROSION AND SEDIMENT CONTROL

(a) ROLLED EROSION CONTROL PRODUCTS (ARTIFICIAL COVERINGS)

PURPOSE: TO PROTECT DISTURBED SLOPE SURFACES AGAINST EROSION DUE TO RAINFALL OR FLOWING WATER.

(1) USED FOR PAUSES IN CONSTRUCTION DUE TO INCLEMENT WEATHER OR OTHER CIRCUMSTANCES.

(2) USED FOR EROSION CONTROL THAT FACILITATES PLANT GROWTH WHILE PERMANENT GRASS IS ESTABLISHED. COULD INCLUDE BIODEGRADABLE EROSION CONTROL BLANKETS INSTALLED ON A SEEDED AREA, ON FILL SLOPES OR DITCHES.

(3) USED TO STABILIZE DRAINAGE CHANNELS. CONSULT E&SC MANUAL TO DETERMINE CORRECT PRODUCT TYPE FOR CHANNEL STABILIZATION.

(b) RUNOFF CONTROL STRUCTURE (TEMPORARY SLOPE DRAIN)

PURPOSE: TO PROTECT HILLSIDE SURFACES AGAINST EROSION DUE TO CONCENTRATED FLOW OF RUNOFF WATER.

(1) USED ON FILL SLOPES AND CUT SLOPES TO REDUCE SEDIMENT TRANSPORT AND COULD INCLUDE TEMPORARY SLOPE DRAINS, GRASS-LINED CHANNELS, ROCK-LINED CHANNELS AND CHECK DAMS.

(2) RUNOFF CONTROL STRUCTURES TYPICALLY DISCHARGE TO A SEDIMENT BASIN.

(c) SEDIMENT BASIN (CONTAINMENT SYSTEM)

PURPOSE: A CONTAINMENT SYSTEM IS DESIGNED TO DETAIN AN ADEQUATE VOLUME OF RUNOFF, REDUCE THE VELOCITY OF FLOW THROUGH THE SYSTEM, ALLOW FOR SETTLEMENT OF SUSPENDED SOLIDS AND REGULATE THE DISCHARGE RATE FROM THE SEDIMENT BASIN.

(1) SEDIMENT BASINS MUST BE PLACED IN STRATEGIC LOCATIONS WITHIN THE ACTIVE AREAS OF CONSTRUCTION. CONTRIBUTING AREA AND SIZE OF TARGET SOIL PARTICLE WILL DICTATE WHETHER THE SEDIMENT BASIN WILL BE TYPE 1, TYPE 2 OR TYPE 3 SYSTEM.

(2) THE USE OF SMALLER PRE-SEDIMENTATION BASINS USED IN CONJUNCTION WITH LARGER PERMANENT RETENTION/DETENTION PONDS ARE EFFECTIVE IN CAPTURING LARGER VOLUMES OF SEDIMENTS. THIS TECHNIQUE REQUIRES PERIODICALLY SCHEDULED REMOVAL OF THE ACCUMULATED SEDIMENTS.

(d) SEDIMENT BARRIERS (TEMPORARY CONSTRUCTION SITE BMP)

PURPOSE: SEDIMENT BARRIERS EITHER OBSTRUCT FLOW OR PREVENT THE PASSAGE OF WATER WHILE CONSTRUCTION ACTIVITIES OCCUR. SMALLER SEDIMENT BARRIERS MAY FUNCTION AS A SMALL SEDIMENT CONTAINMENT SYSTEM OR AS A METHOD TO REDUCE FLOW VELOCITY.

(1) THESE CONSTRUCTION BMP'S CAN INCLUDE SYNTHETIC BALES, STAKED SILT FENCE, TURBIDITY BARRIER, STORM SEWER INLET BARRIERS, ROCK BARRIERS, GEOSYNTHETIC BARRIERS, ETC.

(2) APPROPRIATE LOCATIONS INCLUDE SITE PERIMETER, BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION, BELOW THE TOE OF EXPOSED AND ERODIBLE SLOPES, ALONG THE TOE OF STREAM AND CHANNEL BANKS, AROUND DRAINS AND INLETS LOCATED IN LOW POINTS OR THE DOWNSTREAM EDGE OF AREAS UNDERGOING VERTICAL OR BOX CULVERT CONSTRUCTION ACTIVITIES.

(3) INAPPROPRIATE LOCATIONS FOR THESE SAME MEASURES INCLUDE PARALLEL TO A HILLSIDE CONTOUR, IN CHANNELS WITH CONCENTRATED FLOW (UNLESS PROPERLY REINFORCED), UPSTREAM OR DOWNSTREAM OF CULVERTS WITH CONCENTRATED FLOW, IN FRONT OF OR AROUND INLETS ON A GRADE WITH CONCENTRATED FLOW OR IN FLOWING STREAMS.

(e) FLOATING TURBIDITY BARRIER

PURPOSE: USED IN PERMANENT BODIES OF WATER TO RETAIN SEDIMENT AND FLOATING DEBRIS FROM A CONSTRUCTION AREA SO THAT REMOVAL OR CONTAINMENT OF THE MATERIAL IS POSSIBLE. THEY ARE ALSO USED TO CONTROL MIGRATION OF SUSPENDED SEDIMENTS.

(1) TYPE I, LIGHT DUTY, IS USED WHERE THERE IS LITTLE OR NO CURRENT, NO WIND AND NO WAVE ACTION.

(2) TYPE II, MODERATE DUTY IS USED WITH SOME CURRENT (<3.5 FT. PER SECOND) AND SOME EXPOSURE TO WIND.

(3) TYPE III, HEAVY DUTY, IS USED WITH GREATER CURRENT (3.5-5.0 FT. PER SECOND), MODERATE WIND AND WAVE ACTION.

(4) BARRIER MUST BE ATTACHED AT BOTH ENDS AND WEIGHTED ON THE BOTTOM.

(5) MULTIPLE LINES OF BARRIER MAY BE USED IN SOME CIRCUMSTANCES FOR ADDITIONAL PROTECTION.

(6) STANDARD PANELS FOR WATER DEPTHS ARE 5.0'. ADDITIONAL PANELS CAN BE USED FOR WATER DEPTHS > 5.0'.

(f) STAKED TURBIDITY BARRIER

PURPOSE: THIS ITEM IS COMMONLY USED IN AREAS WHERE CONTINUOUS CONSTRUCTION ACTIVITIES CHANGE THE NATURAL CONTOURS AND DRAINAGE RUNOFF PATTERNS.

(1) COMMONLY USED IN LAKES AND STREAMS AS A SEDIMENT CONTAINMENT SYSTEM. SHOULD NOT BE USED WHERE WATER CURRENTS MOVE THE CURTAIN AND DISLODGE COLLECTED SEDIMENTS.

(2) MAXIMUM DEPTH OF PANEL IS 3'-8".

(3) POST MUST BE A MINIMUM LENGTH OF 5.0' AND A MINIMUM OF 10" OF FABRIC MUST BE IMBEDDED IN THE GROUND.

(g) INLET PROTECTION SYSTEM

PURPOSE: ANY OF A NUMBER OF SEDIMENT BARRIERS THAT EITHER PREVENT SEDIMENT FROM ENTERING AN INLET OR TRAP THE SEDIMENTS ONCE THEY ENTER THE INLET.

(1) TYPICAL APPLICATIONS INCLUDE ROCK BARRIERS, FRAME AND FILTER BARRIERS, CURB INLET "SUMP" BARRIER, CURB INLET DIVERSION BERM, CURB AND GUTTER SEDIMENT CONTAINMENT SYSTEM OR CURB INLET SUMP.

(2) SHOULD BE INSTALLED ONLY WHEN CONSTRUCTION ACTIVITIES ARE ON-GOING AND ONLY WHERE SUMP CONDITIONS EXIST.

(3) SHOULD NOT BE USED WHEN CONSTRUCTION IS COMPLETE AND SHOULD NOT BE USED IN AREAS WHERE FLOODING COULD ENCROACH INTO THE TRAVEL LANES.

(h) SOIL TRACKING PREVENTION DEVICE

PURPOSE: TEMPORARY STRUCTURES TO ASSIST WITH THE REMOVAL OF SOIL MATERIAL CAPTURED ON VEHICLE TIRES BEFORE THE VEHICLES ENTER THE ROADWAY.

(1) USE ONE DEVICE PER MILE WITH A MINIMUM OF TWO PER PROJECT.

(2) USE ADDITIONAL DEVICES FOR CONSTRUCTION AREAS THAT ARE NOT ADJACENT TO THE ROAD RIGHT OF WAY AND NO ACCESS IS PROVIDED THROUGH A SOIL TRACKING PREVENTION DEVICE.

(4) CHEMICAL TREATMENTS FOR EROSION AND SEDIMENT CONTROL

(a) CHEMICAL TREATMENT - POLYACRYLAMIDES (PAM AND PAM BLENDS)

PURPOSE: REDUCE SOIL EROSION THROUGH SOIL BINDING, USED AS A WATER TREATMENT ADDITIVE TO REMOVE SUSPENDED SOLIDS FROM RUNOFF, PROVIDES APPROPRIATE MEDIUM FOR GROWTH OF VEGETATION FOR STABILIZATION AND INCREASES INFILTRATION BY INCREASING SIZE OF SOIL PARTICLE.

(1) CAN BE USED ON DISTURBED SOILS. CAN BE USED IN CONJUNCTION WITH OTHER BMP'S TO ENHANCE PERFORMANCE. CAN BE APPLIED IN DISSOLVED FORM WITH WATER, CAN BE USED AS A DRY POWDER, CAN BE USED IN GRANULAR FORM OR MAY BE USED IN THE FORM OF FLOC LOGS.

(2) HIGHER CONCENTRATION OF PAM DOES NOT INCREASE THE EFFECTIVENESS OF THE PRODUCT.

(3) ACTIVELY WORKED AREAS WILL REQUIRE REAPPLICATION TO REMAIN EFFECTIVE.

(4) PAM SHOULD NOT BE USED WHERE THERE IS A POTENTIAL FOR EQUIPMENT CLOGGING OR TOXICITY IS A CONCERN.

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 1371

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(b) CHEMICAL TREATMENT – ALUM

PURPOSE: REMOVE SUSPENDED SOLIDS AND POLLUTANTS BY ENMESHMENT AND ABSORPTION INTO ALUM. COLLECT FLOCS OF SUSPENDED SEDIMENTS IN RUNOFF AND STORE THEM IN SEDIMENT BASINS OR STORMWATER MANAGEMENT FACILITIES.

(1) ALUM IS INJECTED INTO THE FLOW STREAM CONTAINING TURBID WATER. INJECTION IS CONTROLLED BY VARIABLE SPEED CHEMICAL PUMP TO FEED ALUM AT MULTIPLE TREATMENT POINTS. ALUM TREATMENT IS EFFECTIVE IN TREATMENT OF RUNOFF THAT CONTAINS LIMEROCK FROM UNPAVED SURFACES.
(2) ALUM TREATMENT REQUIRES CLOSE MONITORING OF DOSAGE. COMBINATION WITH OTHER COMPOUNDS MAY VIOLATE TOXICITY REQUIREMENTS AND THE USE OF ALUM MAY LOWER Ph LEVELS.

(5) DEWATERING OPERATION (OPTIONAL – BASED ON PROJECT APPLICABILITY)

DESCRIPTION: DEWATERING OPERATIONS ARE PRACTICES THAT MANAGE THE DISCHARGE OF TURBID WATER WHEN WATERS OTHER THAN STORMWATER AND ACCUMULATED SURFACE WATERS MUST BE REMOVED FROM A LOCATION SO THAT CONSTRUCTION WORK MAY BE ACCOMPLISHED. THESE WATERS CAN INCLUDE GROUNDWATER, WATER FROM COFFERDAMS, WATER DIVERSIONS AND WATER USED DURING CONSTRUCTION THAT MUST BE REMOVED FROM A WORK AREA.

(a) ENVIRONMENTAL AGENCIES ARE ESPECIALLY CONCERNED WITH THE PROTECTION OF WETLANDS FROM DRAWDOWN EFFECTS, PROTECTING RECEIVING BODIES FROM SEDIMENTATION AND POSSIBLE CAPACITY LIMITATIONS.
(b) THREE PRIMARY METHODS OF DEWATERING COMMONLY USED IN FLORIDA ARE RIM–DITCHING, SOCK/PIPE/HORIZONTAL WELLS AND WELL–POINT SYSTEMS.
(c) METHODS FOR CONTAINING SEDIMENTATION CAN INCLUDE A COMBINATION OF BMP'S AND SEDIMENT TRAPS, SEDIMENT BASINS, GRAVITY BAG FILTERS, WEIR TANKS, DEWATERING TANKS, SAND MEDIA/PRESSURIZED BAGS AND CHEMICAL TREATMENTS.

III. OTHER CONTROLS:

(1) WASTE DISPOSAL

(a) THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION ACTIVITIES.
(b) ALL FERTILIZER AND CHEMICAL CONTAINERS SHALL BE DISPOSED OF BY THE CONTRACTOR ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
(c) NO SOLID MATERIALS, INCLUDING BUILDING AND CONSTRUCTION MATERIALS, SHALL BE DISCHARGED TO WETLANDS OR BURIED ON SITE.
(d) ALL SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY STATE REGULATIONS.

(2) OFF–SITE VEHICLE TRACKING – WILL BE CONTROLLED BY THE FOLLOWING METHODS:

(a) LOADED HAUL TRUCKS ARE TO BE COVERED BY A TARPAULIN AT ALL TIMES.
(b) EXCESS DIRT ON ROAD WILL BE REMOVED DAILY.

(3) STATE AND FEDERAL REGULATIONS: PERMITS WILL BE REQUIRED FROM THE FOLLOWING AGENCIES:

SFWMD ERP, NPDES, U.S.ACOE

(4) NON–STORMWATER (INCLUDING SPILL REPORTING)

THE CONTRACTOR WILL PROVIDE THE FDOT WITH AN EROSION AND SEDIMENT CONTROL PLAN THAT WILL INCLUDE SPILL CONTAINMENT, REPORTING, AND RESPONSES. THE PLAN SHALL SPECIFY WHAT MANAGEMENT PRACTICES AND CONTAINMENT METHODS WILL BE USED TO PREVENT POTENTIAL POLLUTANTS (FUEL, LUBRICANTS, HERBICIDES, ETC.) FROM SPILLING ONTO THE SOIL OR INTO THE SURFACE WATERS. IF A SPILL DOES OCCUR, OR IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED, CONTACT THE DISTRICT CONTAMINATION IMPACT COORDINATOR AT (386) 943–5000.

IV. MAINTENANCE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND REPAIRS OF ALL EROSION AND SEDIMENT CONTROL DEVICES AND REMOVAL OF EROSION AND SEDIMENT CONTROL DEVICES WHEN NOTICE OF TERMINATION IS MAILED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND PROPER DISPOSAL OF SEDIMENT BUILDUP THROUGH THE LIFE OF THE INSTALLED EROSION AND SEDIMENT CONTROL DEVICES.

(1) ALL CONTROL MEASURES WILL BE MAINTAINED DAILY BY THE CONTRACTOR AND ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT WILL BE INITIATED IMMEDIATELY.
(2) SODDING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
(3) SYNTHETIC BALES SHALL BE MAINTAINED TO ENSURE THEIR USEFULNESS AND NOT BLOCK OR IMPEDE STORMWATER FLOW OR DRAINAGE.
(4) STABILIZED CONSTRUCTION ENTRANCES SHALL BE MAINTAINED TO PREVENT CLOGGING OF ROCK BEDDING WHICH MAY IMPEDE THE USEFULNESS OF THE STRUCTURE.

V. INSPECTION

(1) THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES ON THE PROJECT SITE AND RECORD DAILY RAINFALL IN ACCORDANCE WITH THE NPDES PERMIT.
(2) ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSPECTED AT LEAST EVERY 7 CALENDAR DAYS BY CONTRACTOR'S PERSONNEL WHO ARE FDEP CERTIFIED STORMWATER MANAGEMENT INSPECTORS.
(3) THE CONTRACTOR SHALL COMPLETE ALL SWPPP INSPECTION REPORT FORMS REQUIRED FOR THE NPDES PERMIT.
(4) ALL EROSION AND CONTROL DEVICES WILL BE INSPECTED WITHIN 24 HOURS OF A RAINFALL EVENT THAT IS 0.5 INCHES OR GREATER.

VI. TRACKING AND REPORTING:

(1) THE CONTRACTOR SHALL SUBMIT A WEEKLY REPORT TO THE DEPARTMENT DOCUMENTING THE DAILY INSPECTIONS AND MAINTENANCE OR REPAIRS TO THE EROSION AND SEDIMENT CONTROL DEVICES. THE CONTRACTOR SHALL MAINTAIN ALL REQUIRED REPORTS AND COMPLETE ALL SWPPP INSPECTION FORMS.
(2) PREPARATION OF ALL THE CONTRACTOR'S REPORTS OF INSPECTION, MAINTENANCE AND REPAIRS REQUIRED FOR THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION SHALL BE INCLUDED IN THE INDIVIDUAL COSTS OF THE EROSION AND SEDIMENT CONTROL DEVICES OR LUMP SUM COST OF THE PROJECT.
(3) THE CONTRACTOR SHALL USE THE SWPPP CONSTRUCTION INSPECTION REPORT FORM # 650-040-03 FOR DAILY INPSECTIONS.

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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SR 400	ORANGE	242484-8-52-01

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 1372

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EROSION CONTROL DEVICES LEGEND:

SEDIMENT BARRIER

INLET PROTECTION SYSTEM

0 20 100

Feet

MATCH LINE EB XL STA 1637+00.00

MATCH LINE EB XL STA 1651+00.00

BONNET CREEK

BEGIN PROJECT 242484-8-52-01
END PROJECT 431456-1-52-01

℄ BCBERM

110

WETLAND

STA 1017+69.83,28.04 LT
℄ RAMP D1_0P

STA 1018+78.65,68.14 LT
℄ RAMP D1_0P

1015

℄ RAMP D1_0P

LA R/W LINE

℄ RAMP D2_0P

1020

1025

1125

N 41° 20' 40" E

N 38° 01' 05" E

℄ RAMP A4_536

4665

600

2660

N

FOR CONTINUATION SEE EROSION CONTROL PLAN SHEET 2

1650

N 38° 37' 11" E

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DEPARTMENT OF TRANSPORTATION

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EROSION CONTROL PLAN SHEET 1

SHEET NO. 1373

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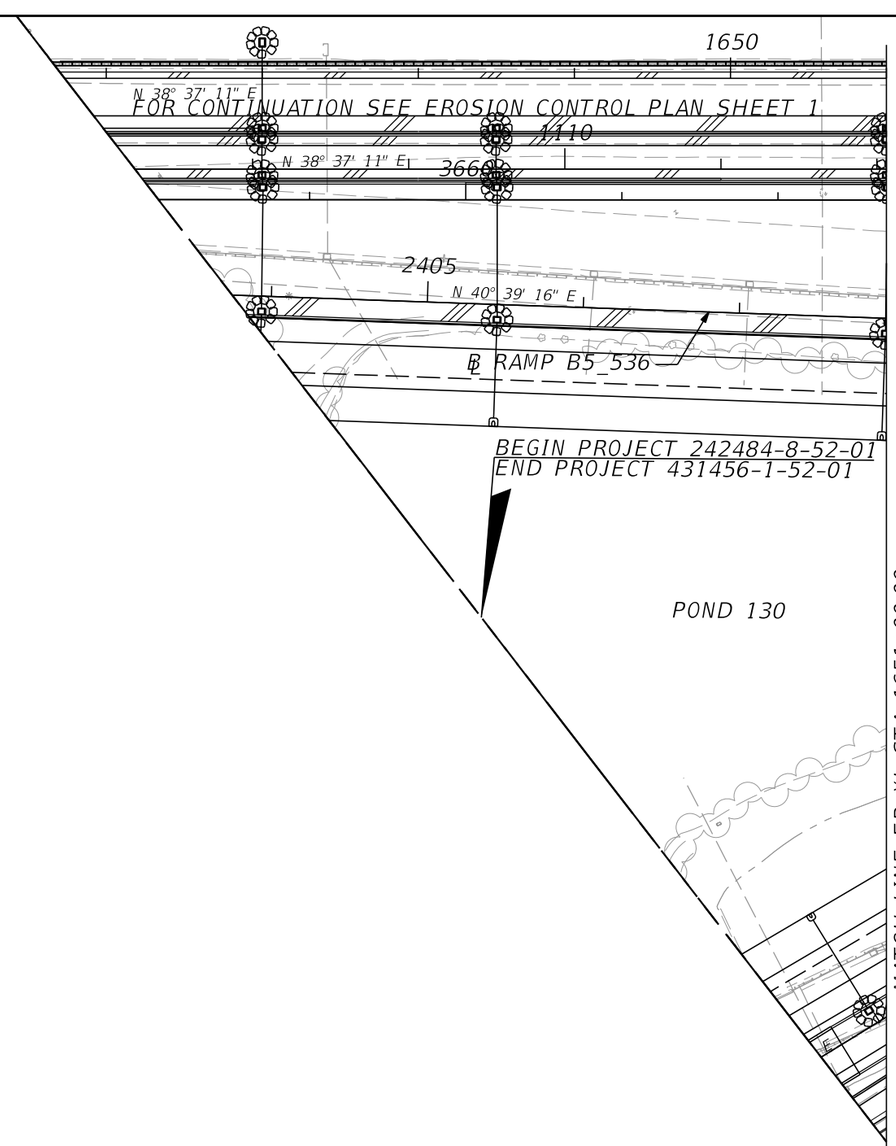

MATCH LINE EB XL STA 1637+00.00

MATCH LINE EB XL STA 1651+00.00

0 20 100

Feet

EROSION CONTROL DEVICES LEGEND:

INLET PROTECTION SYSTEM

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EROSION CONTROL PLAN SHEET 2

SHEET NO.

1374

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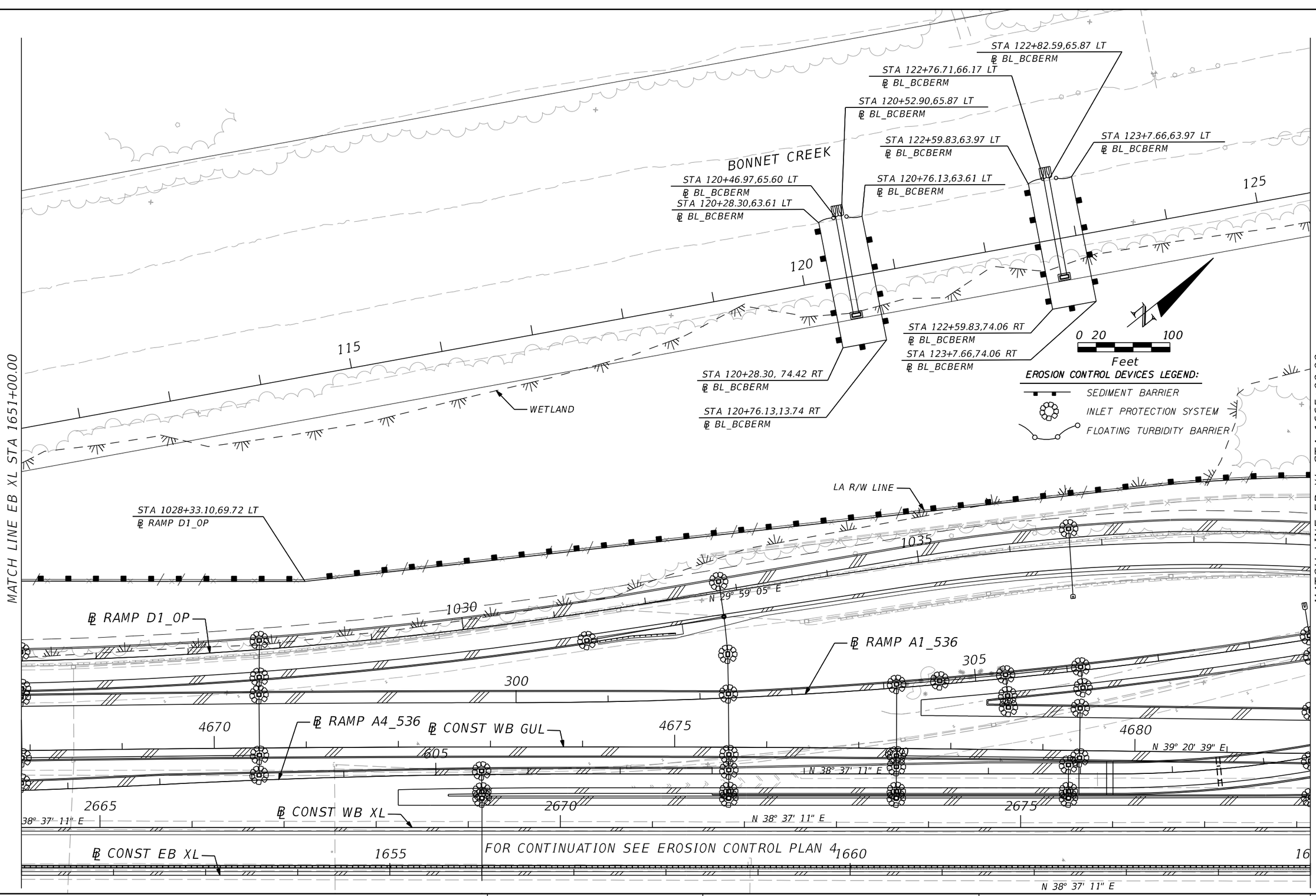

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 3

SHEET NO.
1375

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℄ CONST EB XL

1655

1660

16

FOR CONTINUATION SEE EROSION CONTROL PLAN 3

N 38° 37' 11" E

1115

3665

℄ CONST EB GUL

N 38° 39' 16" E

1120

3670

N 38° 37' 11" E

26'

3675

2410

N 40° 39' 16" E

2415

℄ RAMP B4_536

N 56° 31' 21" E

1125

℄ RAMP B5_536

N 47° 08' 50" E

545

2420

℄ RAMP A3_0P

N 27° 23' 38" E

POND 130

540

MATCH LINE EB XL STA 1651+00.00

MATCH LINE EB XL STA 1665+00.00

LA R/W LINE

STA 914+40.32, 127.79 RT
℄ RAMP C_0P

℄ RAMP C_0P

535

910

N 07° 00' 30" E

N 06° 00' 30" E

STA 914+18.91, 78.24 RT
℄ RAMP C_0P

STA 908+62.17, 66.09 RT
℄ RAMP C_0P

STA 907+12.65, 59.41 RT
℄ RAMP C_0P

0 20 100

Feet

EROSION CONTROL DEVICES LEGEND:

SEDIMENT BARRIER

INLET PROTECTION SYSTEM

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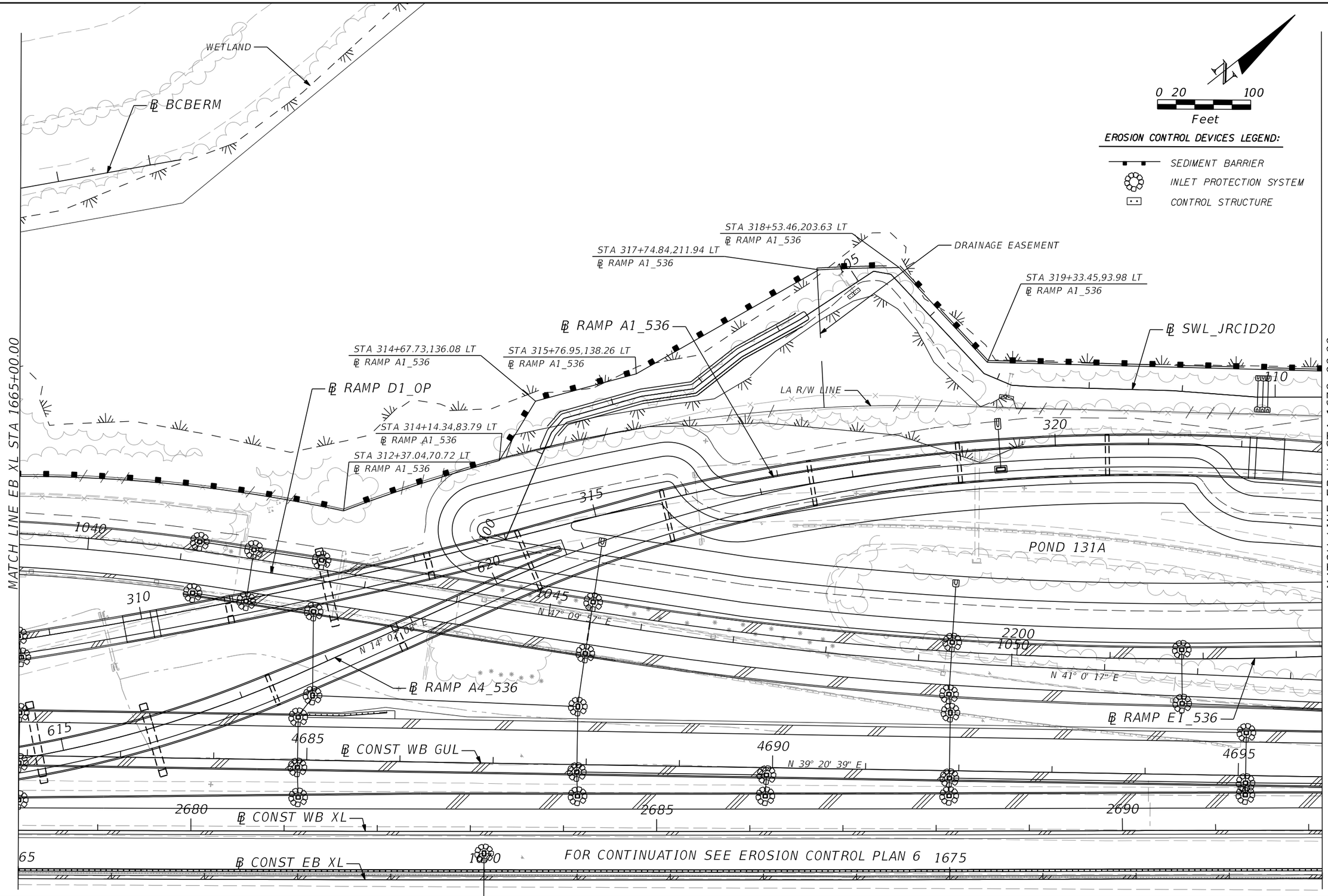
EROSION CONTROL PLAN SHEET 4

SHEET NO. 1376



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EROSION CONTROL PLAN SHEET 5

SHEET NO. 1377

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65

℄ CONST EB XL

1670

FOR CONTINUATION SEE EROSION CONTROL PLAN 5

1675

700

3680

N 41° 37' 11" E

705

℄ RAMP A5_536

3685

3690

℄ CONST EB GUL

N 38° 39' 16" E

555

550

℄ RAMP A3_0P

℄ RAMP B4_536

1150

2425

2430

N 36° 45' 32" E

5025

N 36° 45' 32" E

℄ RAMP B1_536

MATCH LINE EB XL STA 1665+00.00

MATCH LINE EB XL STA 1679+00.00

℄ RAMP B5_536

℄ CONST EBCD_536

LA R/W LINE

WETLAND

STA 2423+99.49, 66.05 RT
℄ RAMP B5_536

STA 2428+54.31, 68.80 RT
℄ RAMP B5_536

STA 2432+61.57, 62.62 RT
℄ RAMP B5_536

POND 131B

STA 2432+61.57, 456.76 RT
℄ RAMP B5_536

STA 2432+61.57, 509.58 RT
℄ RAMP B5_536

STA 2432+61.57, 588.89 RT
℄ RAMP B5_536

0 20 100
Feet

EROSION CONTROL DEVICES LEGEND:

- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

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EROSION CONTROL PLAN SHEET 6

SHEET NO. 1378

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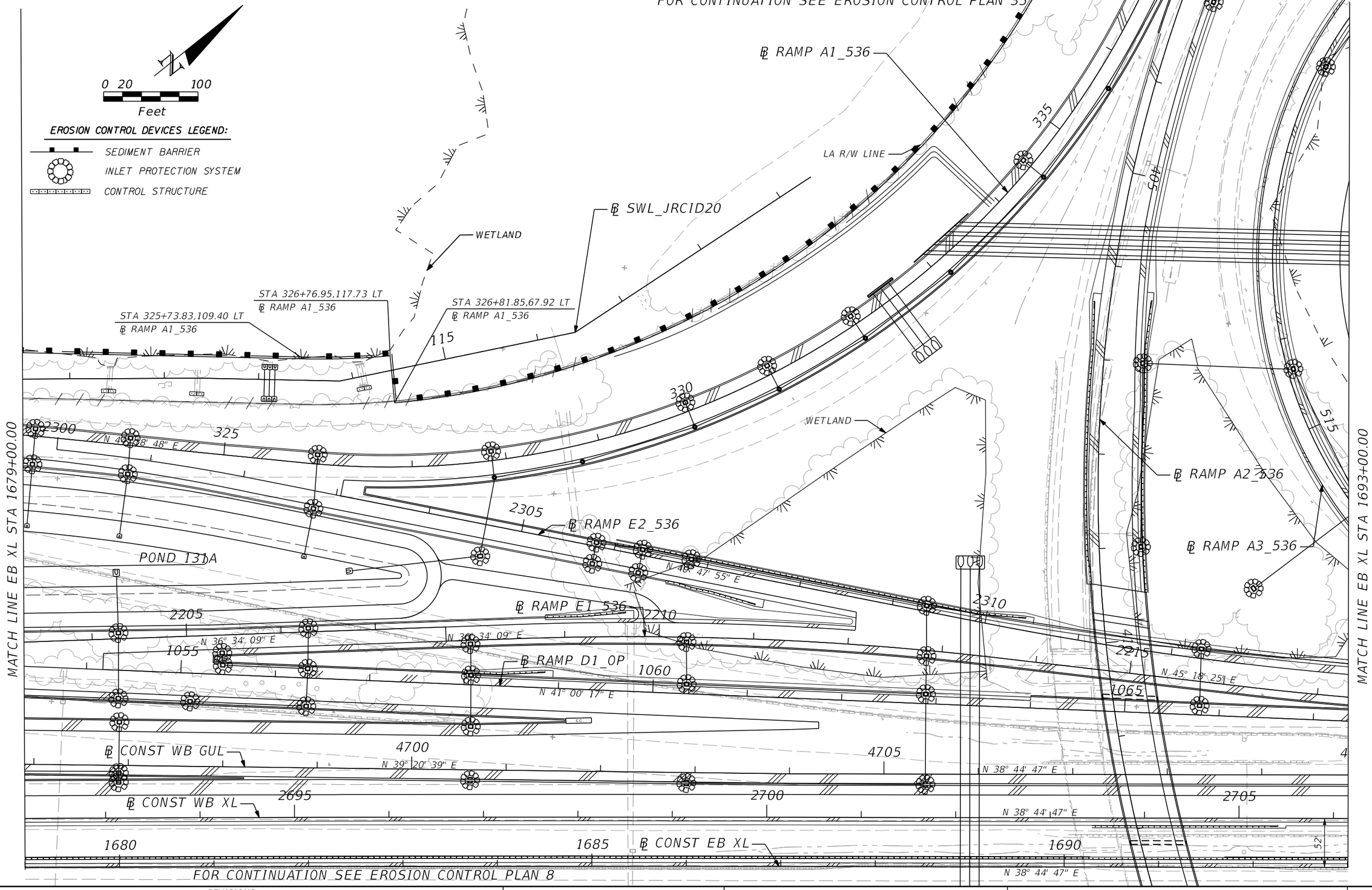

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EROSION CONTROL PLAN SHEET 7

SHEET NO. 1379

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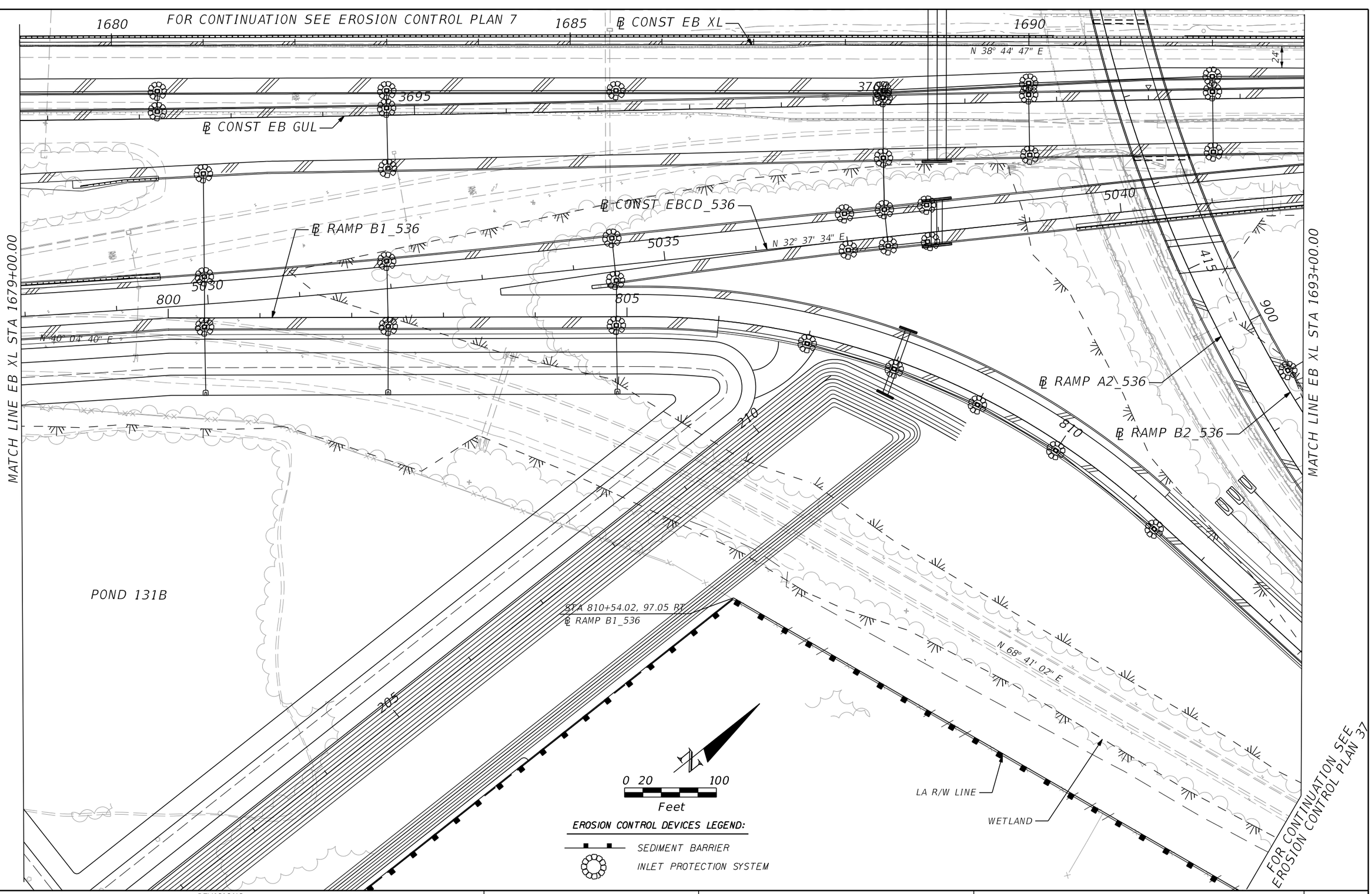

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EROSION CONTROL PLAN SHEET 8

SHEET NO. 1380

FOR CONTINUATION
SEE EROSION CONTROL PLAN 36

0 20 100
Feet

WETLAND

EROSION CONTROL DEVICES LEGEND:

INLET PROTECTION SYSTEM

POND 132

℄ RAMP A3_536

500

℄ RAMP D3_536

125

120

POND 134A

MATCH LINE EB XL STA 1693+00.00

MATCH LINE EB XL STA 1707+00.00

℄ RAMP A3_536

520

2220

N 38° 44' 47" E

℄ RAMP E1_536

2225

2230

N 38° 30' 10" E

N 41° 00' 17" E

℄ RAMP D1_OP

710

4715

℄ CONST WB GUL

N 38° 37' 56" E

4720

℄ CONST WB XL 2710

N 38° 44' 47" E

2715

2720

N 38° 44' 47" E

FOR CONTINUATION SEE EROSION CONTROL PLAN 10

1695 ℄ CONST EB XL

1700

1705

N 38° 44' 47" E

S 66° 19' 40" E

180

℄ SURV SR 536

1900

52'

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EROSION CONTROL PLAN SHEET 9

SHEET NO. 1381

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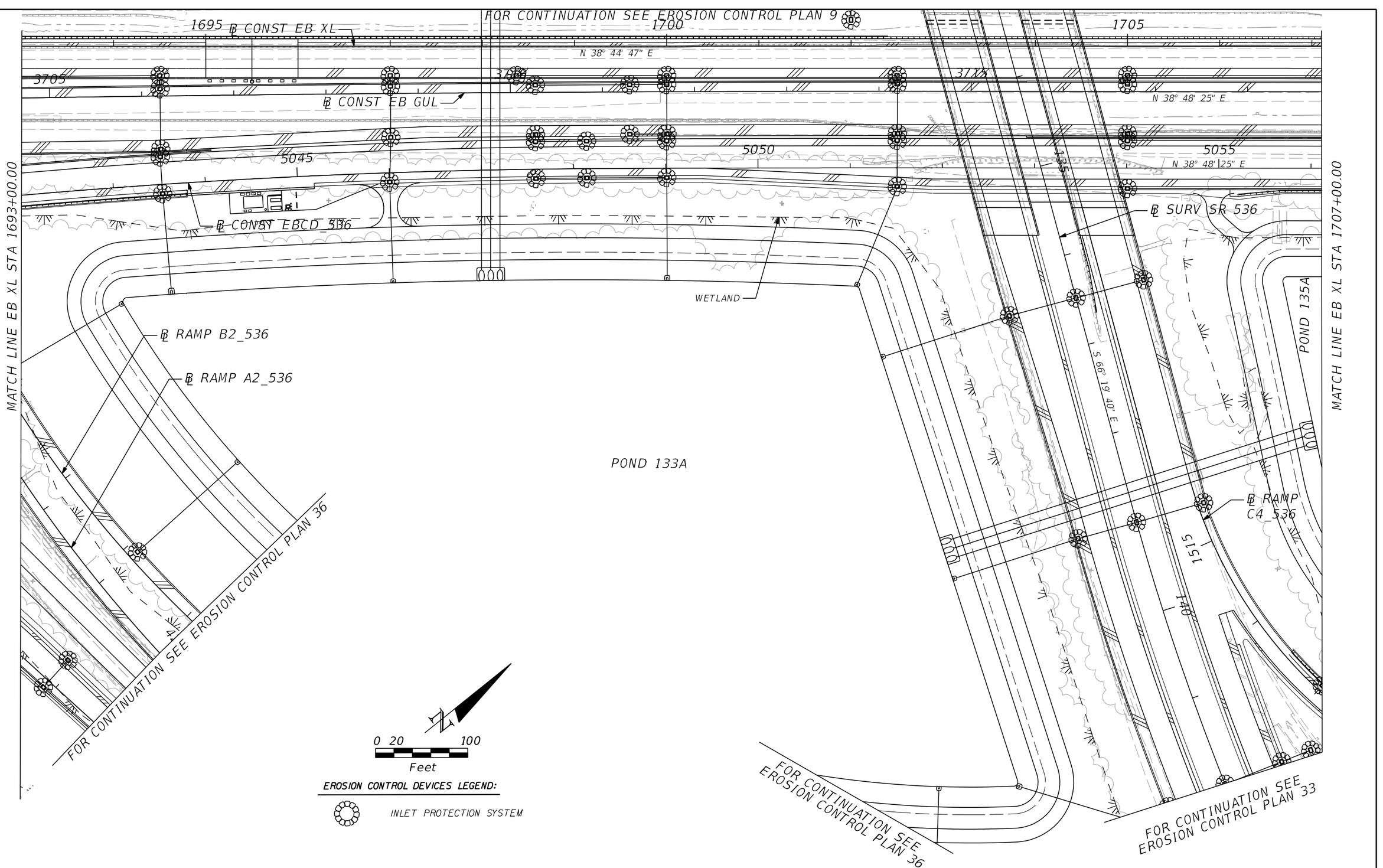

0 20 100
Feet

EROSION CONTROL DEVICES LEGEND:

INLET PROTECTION SYSTEM

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EROSION CONTROL PLAN SHEET 10

SHEET NO. 1382

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FOR CONTINUATION SEE EROSION CONTROL PLAN 38

0 20 100
Feet

EROSION CONTROL DEVICES LEGEND:
SEDIMENT BARRIER
INLET PROTECTION SYSTEM

℄ RAMP D1_536
℄ RAMP D3_536
℄ RAMP D2_536
℄ RAMP D4_536
℄ RAMP ET 536
℄ CONST WB GUL
℄ CONST WB XL
℄ CONST EB XL

STA 1731+96.80, 85.71 LT
℄ RAMP D1_536

LA R/W LINE
WETLAND

POND 134A
POND 134B

N 80° 02' 55" E
N 84° 45' 08" E
N 38° 30' 10" E
N 34° 09' 43" E

1730
1735
1810
1815
1905
1910
2000
2005
2235
2240
2245
2725
2730
4725
4730
4735
1710
1715
1720

MATCH LINE EB XL STA 1707+00.00
MATCH LINE EB XL STA 1721+00.00

FOR CONTINUATION SEE EROSION CONTROL PLAN 12

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EROSION CONTROL PLAN SHEET 11

SHEET NO. 1383

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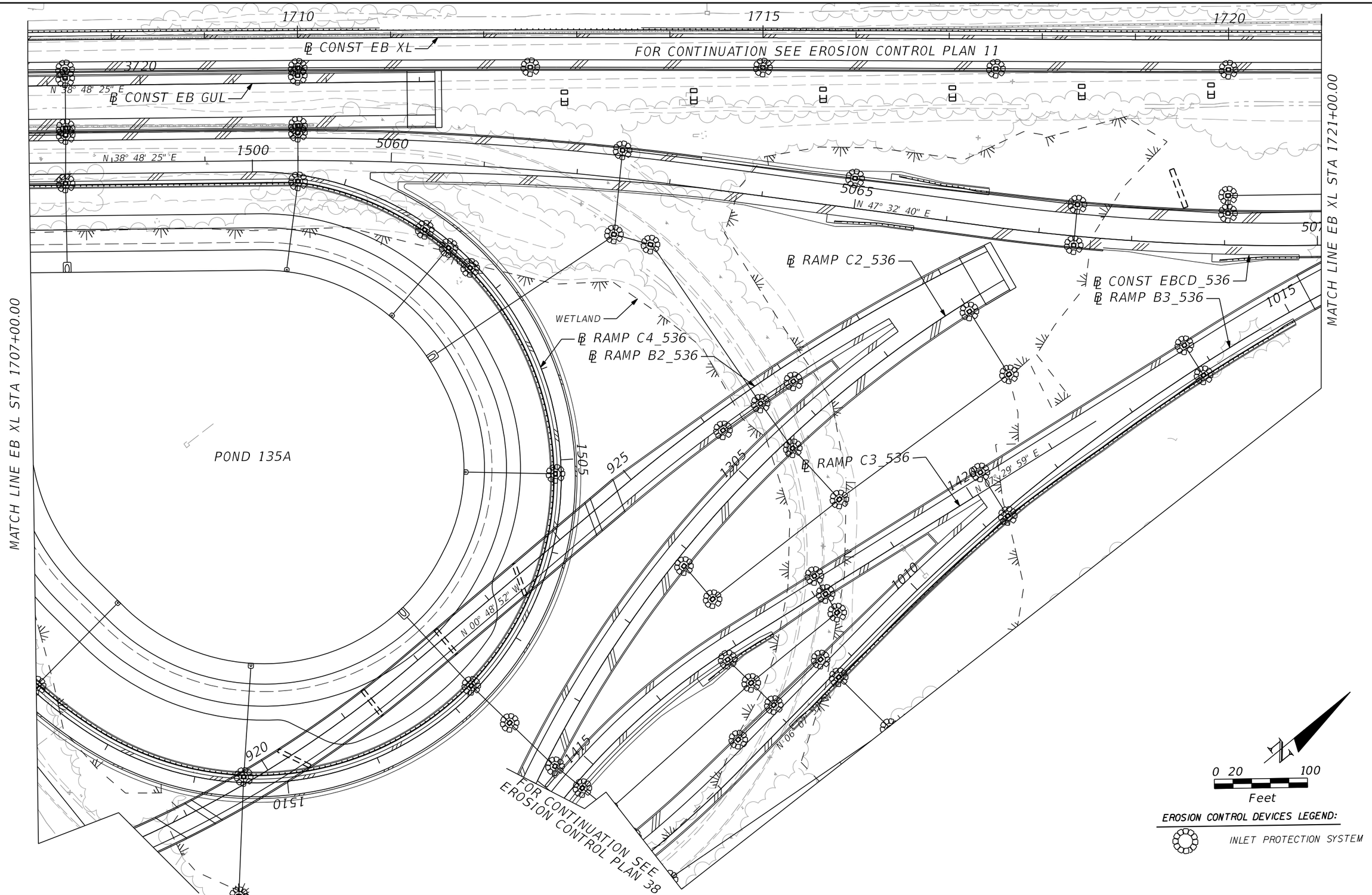

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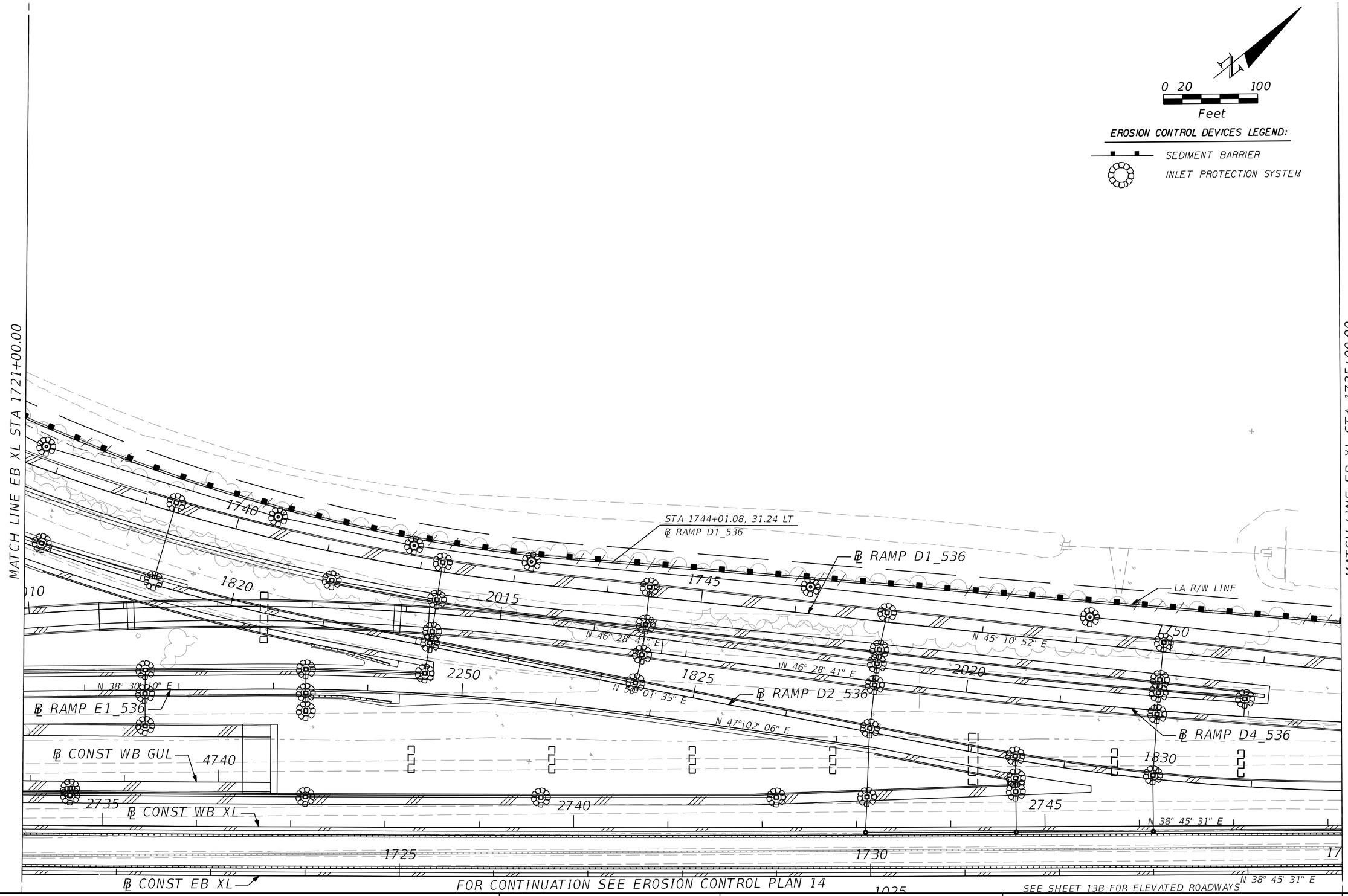
EROSION CONTROL PLAN SHEET 12

SHEET NO. 1384



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EROSION CONTROL PLAN SHEET 13

SHEET NO. 1385

PRELIMINARY: NOT FOR CONSTRUCTION

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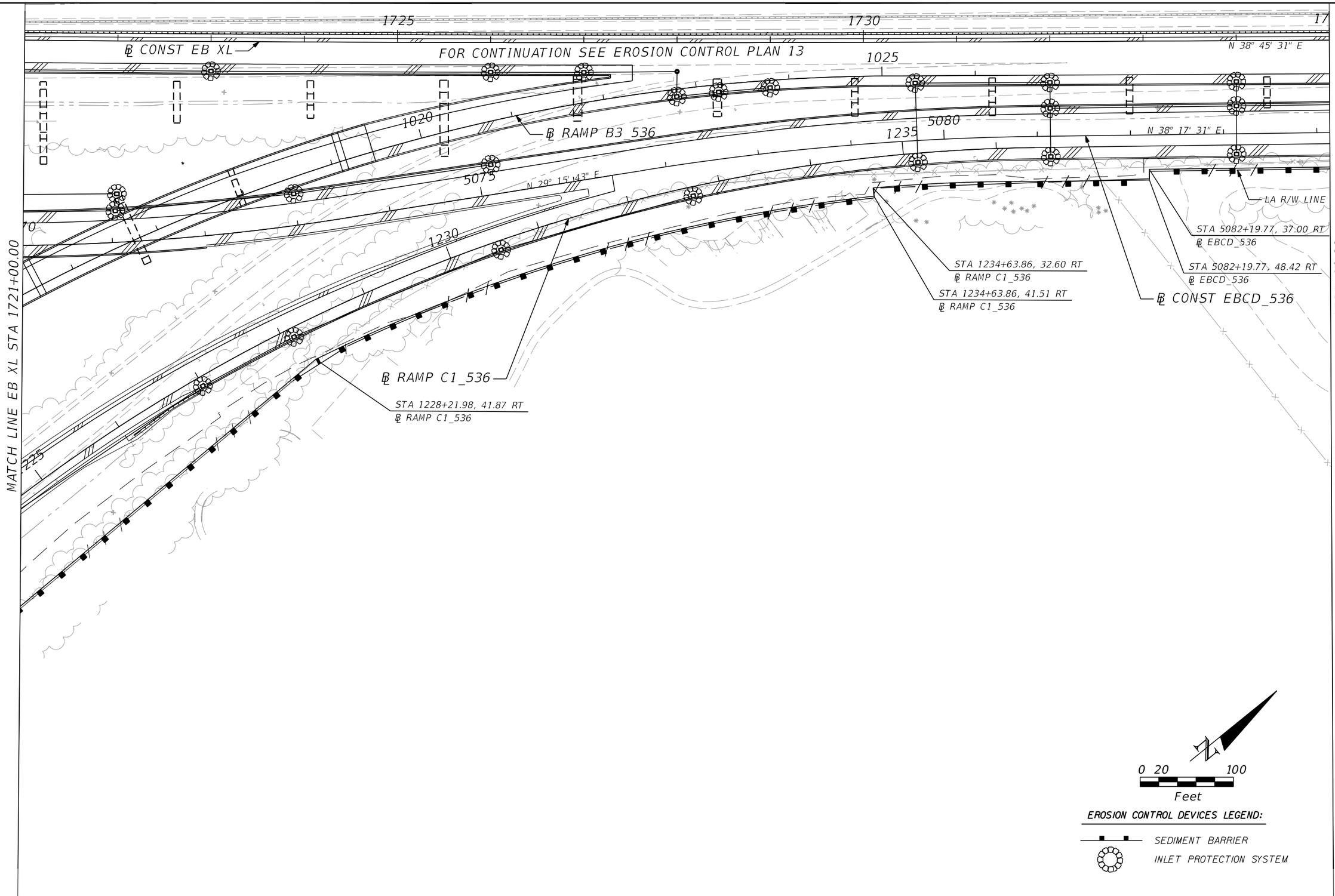

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SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 14

SHEET NO. 1386

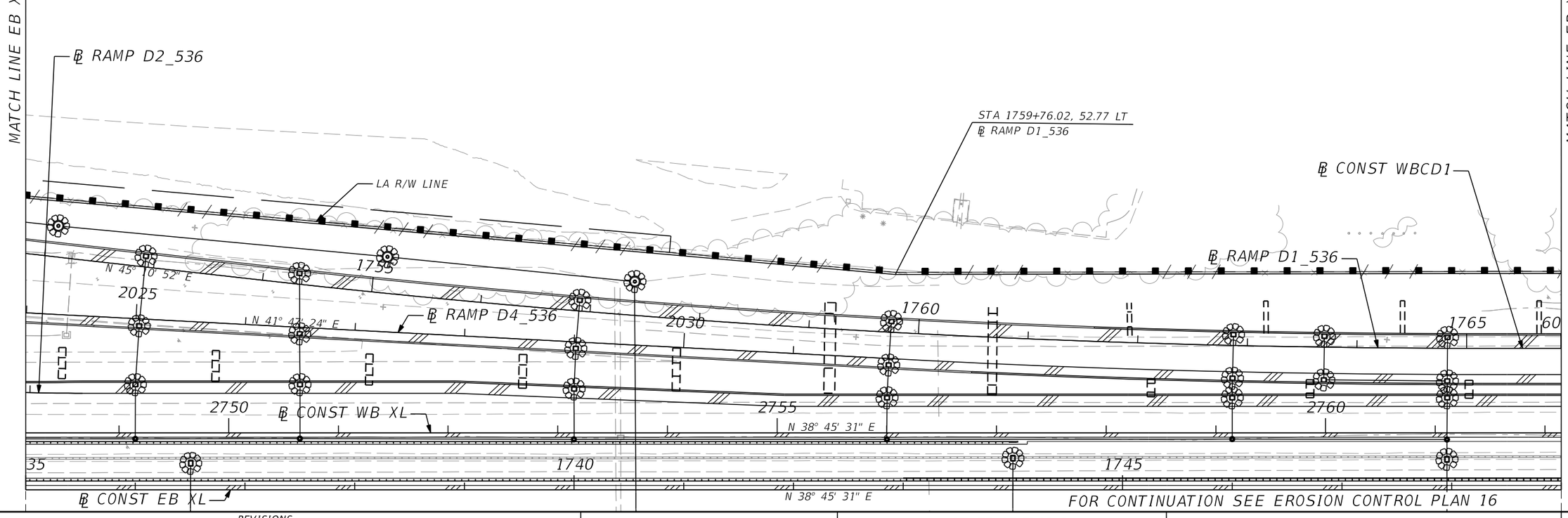
0 20 100

Feet

EROSION CONTROL DEVICES LEGEND:

SEDIMENT BARRIER

INLET PROTECTION SYSTEM



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EROSION CONTROL PLAN SHEET 15

SHEET NO. 1387

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35 1740 1745

℄ CONST EB XL

N 38° 45' 31" E

FOR CONTINUATION SEE EROSION CONTROL PLAN 15

5085 5090 5095

N 38° 17' 31" E

LA R/W LINE

℄ CONST EBCD_536

300 305

℄ POND136

POND 136

STA 5089+06.24, 37.00 RT
℄ EBCD_536

STA 5089+05.77, 119.83 RT
℄ EBCD_536

STA 5089+74.75, 120.23 RT
℄ EBCD_536

STA 5089+74.21, 214.54 RT
℄ EBCD_536

STA 5091+86.55, 214.54 RT
℄ EBCD_536

STA 5092+99.41, 360.42 RT
℄ EBCD_536

STA 5095+91.56, 362.09 RT
℄ EBCD_536

MATCH LINE EB XL STA 1735+00.00

MATCH LINE EB XL STA 1749+00.00

0 20 100
Feet

EROSION CONTROL DEVICES LEGEND:

SEDIMENT BARRIER

INLET PROTECTION SYSTEM

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EROSION CONTROL PLAN SHEET 16

SHEET NO. 1388

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STA 6015+39.41, 68.24 LT
℄ RAMP WBCD1

LA R/W LINE

℄ RAMP D5_536

1715 1720 1725

15

N 38° 45' 31" E

6020 6025

N 42° 28' 01" E

N 38° 45' 31" E

℄ CONST WBCD1

2765 2770 2775

℄ CONST WB XL

N 38° 45' 31" E

1750 1755 1760

N 38° 45' 31" E

℄ CONST EB XL

MATCH LINE EB XL STA 1749+00.00

MATCH LINE EB XL STA 1763+00.00

N 34° 17' 31" E

600 605 610

700

N 40° 00' 20" E

℄ CONST EBCD_536

STA 5098+53.28, 37.00 RT
℄ EBCD_536

310

STA 5098+53.07, 68.61 RT
℄ EBCD_536

STA 5098+96.73, 124.91 RT
℄ EBCD_536

℄ POND136

STA 5098+52.48, 159.30 RT
℄ EBCD_536

℄ RAMP B1_535

STA 611+47.71, 24.97 RT
℄ RAMP B1_535

℄ RAMP B2_535

LA R/W LINE

0 20 100
Feet

EROSION CONTROL DEVICES LEGEND:

SEDIMENT BARRIER

INLET PROTECTION SYSTEM

PRELIMINARY: NOT FOR CONSTRUCTION

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EROSION CONTROL PLAN SHEET 17

SHEET NO. 1389

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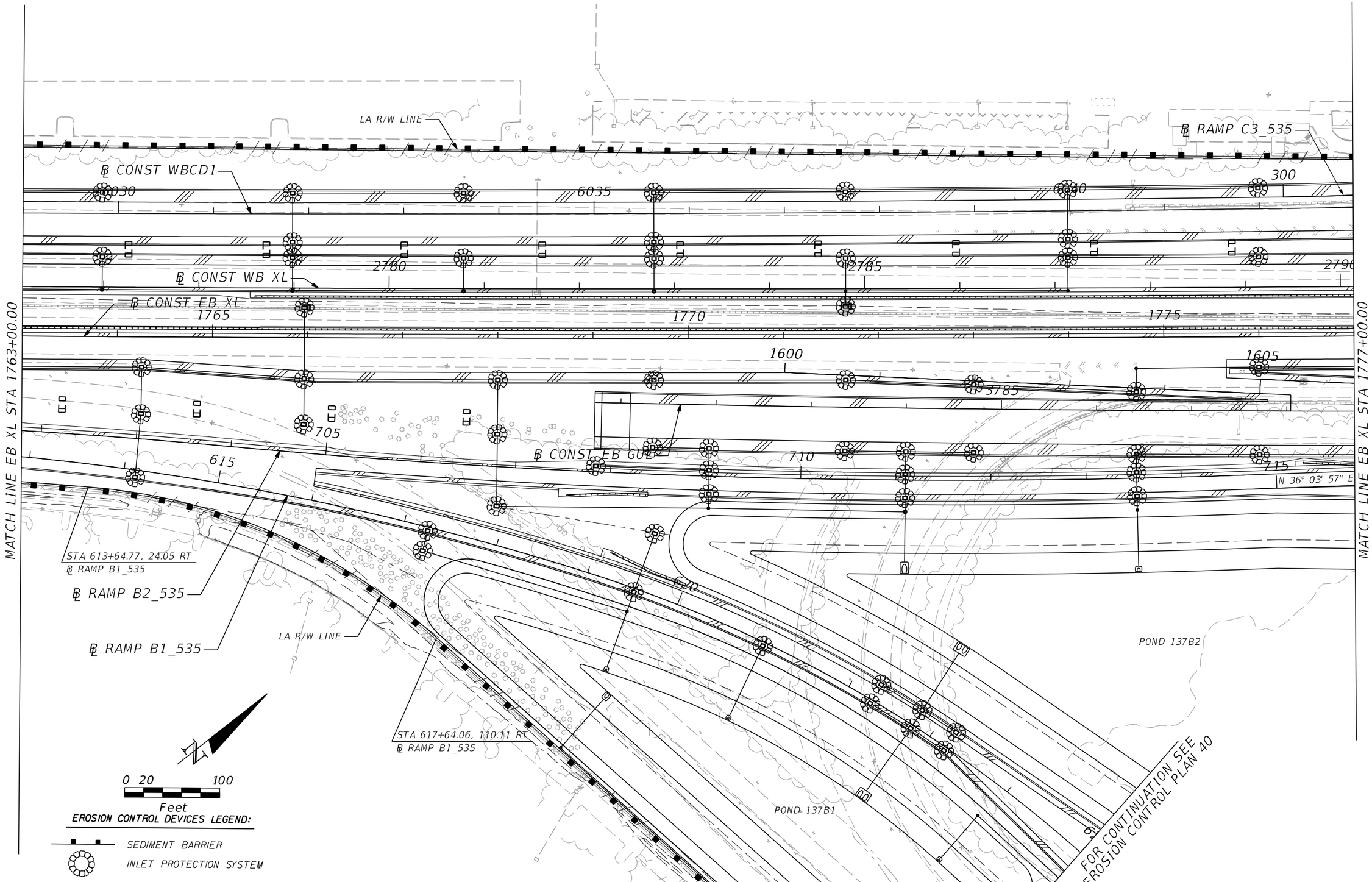

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EROSION CONTROL PLAN SHEET 18

SHEET NO. 1390

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0 20 100
Feet

EROSION CONTROL DEVICES LEGEND:

SEDIMENT BARRIER

INLET PROTECTION SYSTEM

℄ RAMP C3_535

STA 302+94.32, 18.4993' LT
℄ RAMP C3_535

LA R/W LINE

℄ RAMP D1_535

℄ RAMP A1_535

STA 2503+82.58, 24.05' LT
℄ RAMP A1_535

STA 2502+83.56, 33.81' LT
℄ RAMP A1_535

MATCH LINE NB535 STA 136+00.00
SEE EROSION CONTROL PLAN 41

℄ CONST WBCD1

℄ RAMP D2_535

℄ CONST WB XL

℄ CONST EB XL

℄ CONST EB GUL

℄ RAMP B2_535

℄ RAMP B3_535

℄ SB 535

℄ NB 535

℄ RAMP A2_535

℄ RAMP C1_535

POND 137B3

POND 137B2

FOR CONTINUATION, SEE EROSION CONTROL PLAN 40

MATCH LINE NB535 STA 126+00.00
SEE EROSION CONTROL PLAN 40

STA 904+72.98, 99.96 RT
℄ RAMP C1_535

LA R/W LINE

MATCH LINE EB XL STA 1777+00.00

MATCH LINE EB XL STA 1791+00.00

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EROSION CONTROL PLAN SHEET 19

SHEET NO. 1391

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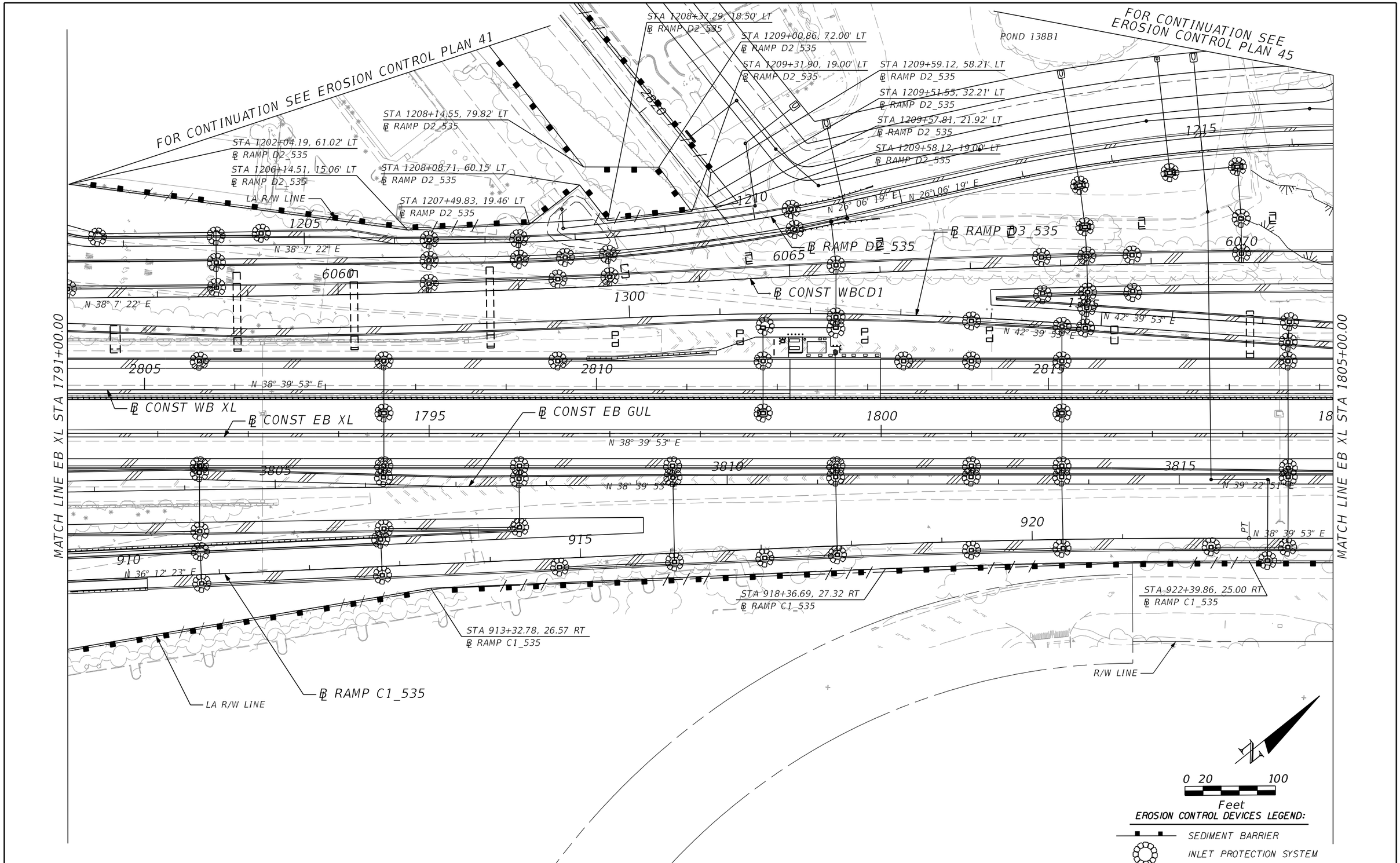

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EROSION CONTROL PLAN SHEET 20

SHEET NO. 1392

PRELIMINARY: NOT FOR CONSTRUCTION

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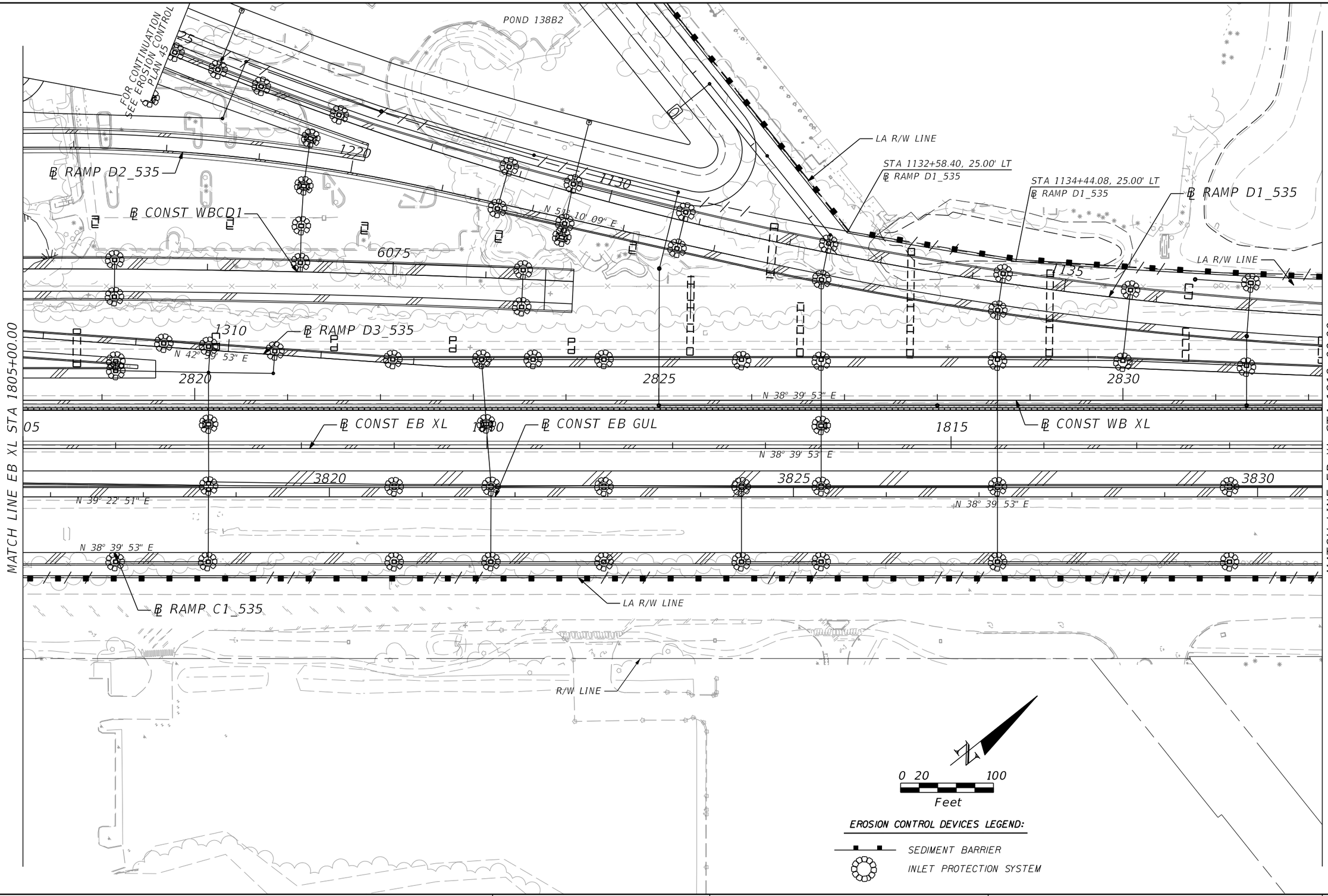

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 21

SHEET NO. 1393

PRELIMINARY: NOT FOR CONSTRUCTION

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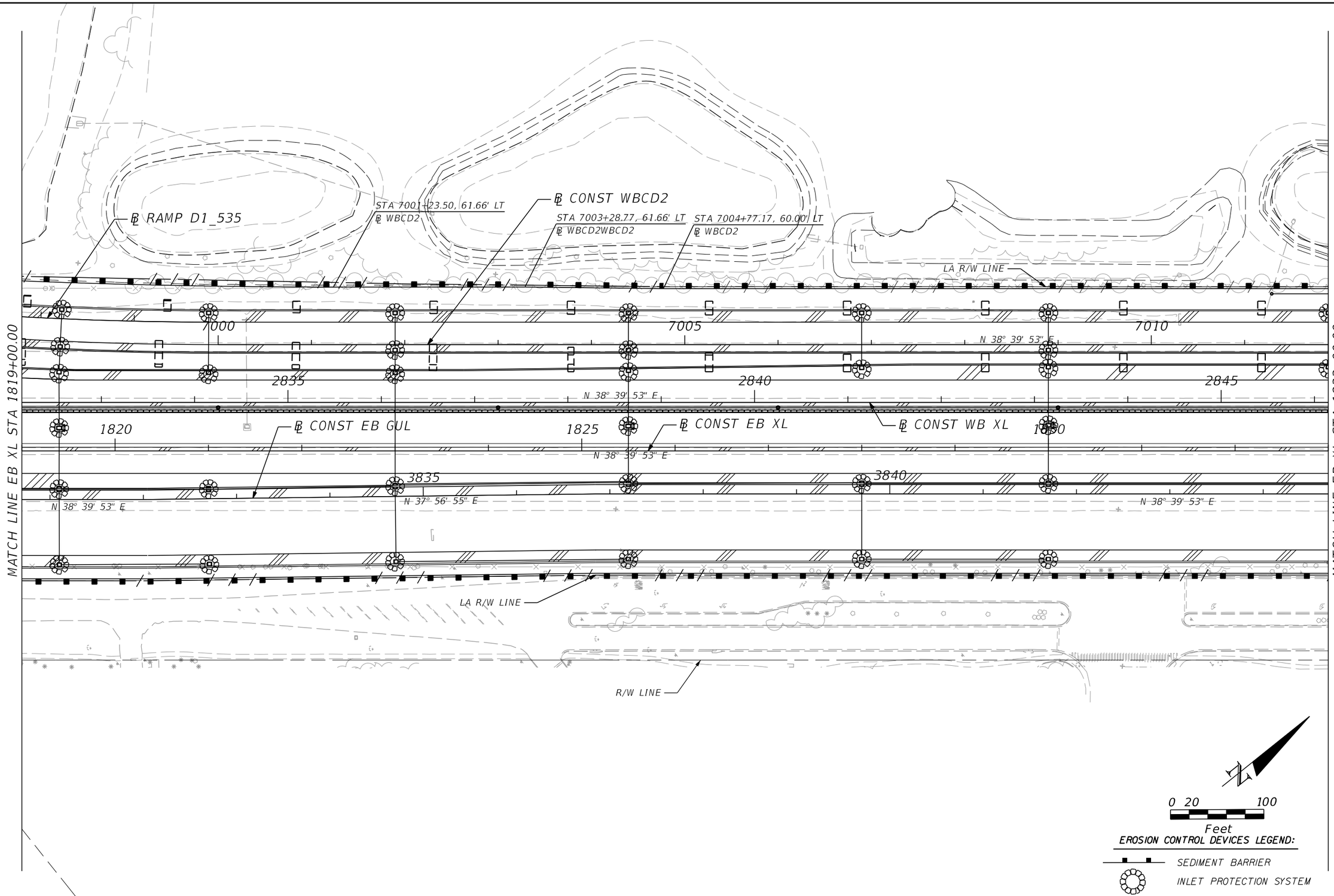

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 22

SHEET NO. 1394

PRELIMINARY: NOT FOR CONSTRUCTION

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0 20 100
Feet

EROSION CONTROL DEVICES LEGEND:

SEDIMENT BARRIER

INLET PROTECTION SYSTEM

MATCH LINE EB XL STA 1833+00.00

MATCH LINE EB XL STA 1847+00.00

℄ CONST WBCD2

℄ CONST EB XL

℄ CONST WB XL

℄ CONST EB GUL

LA R/W LINE

LA R/W LINE

R/W LINE

R/W LINE

7015

7020

7025

2850

2855

2860

1835

1840

1845

3845

3850

3855

N 38° 39' 53" E

N 38° 39' 53" E

N 38° 39' 53" E

N 38° 39' 53" E

N 38° 24' 53" E

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 23

SHEET NO. 1395

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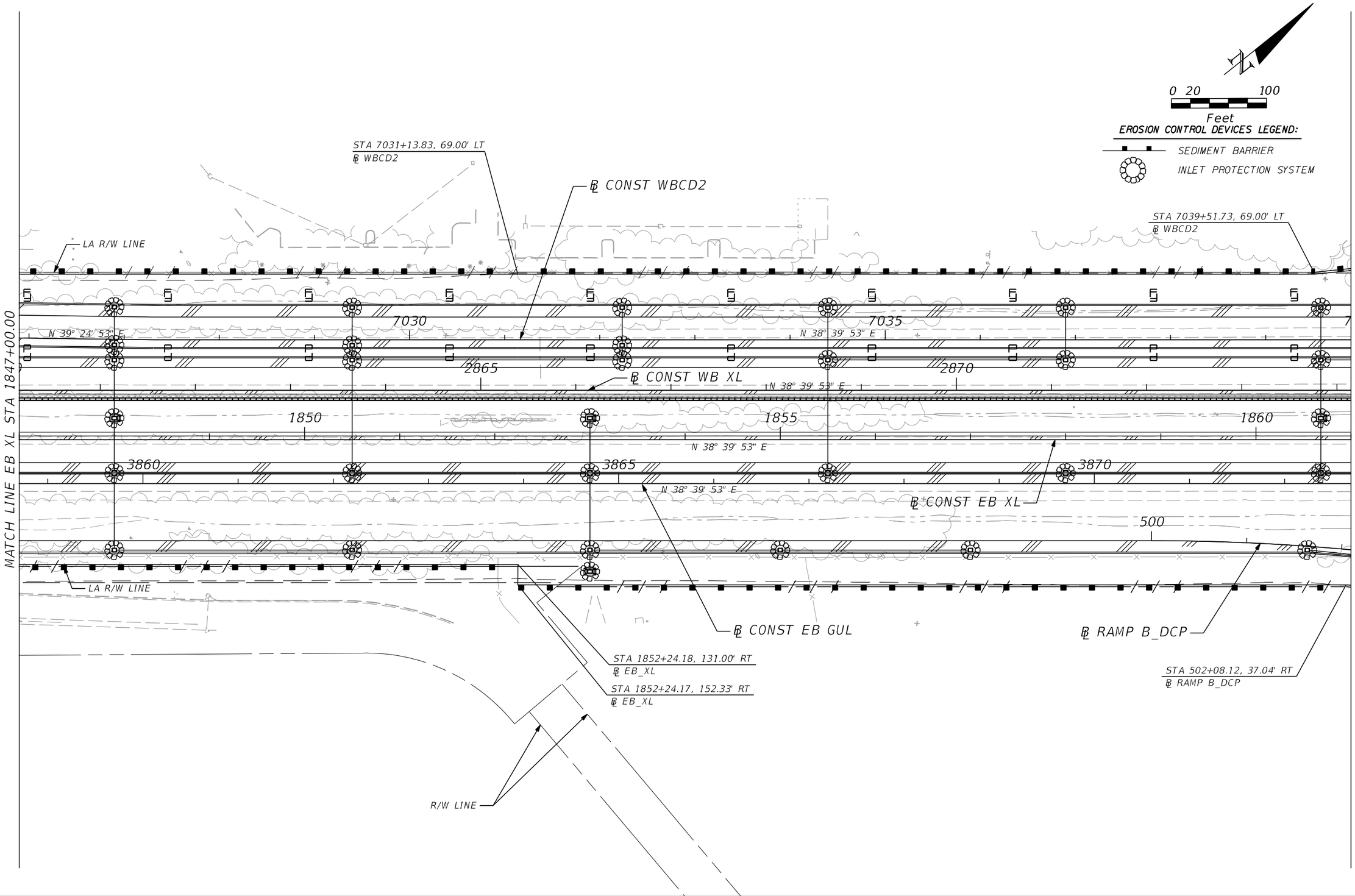

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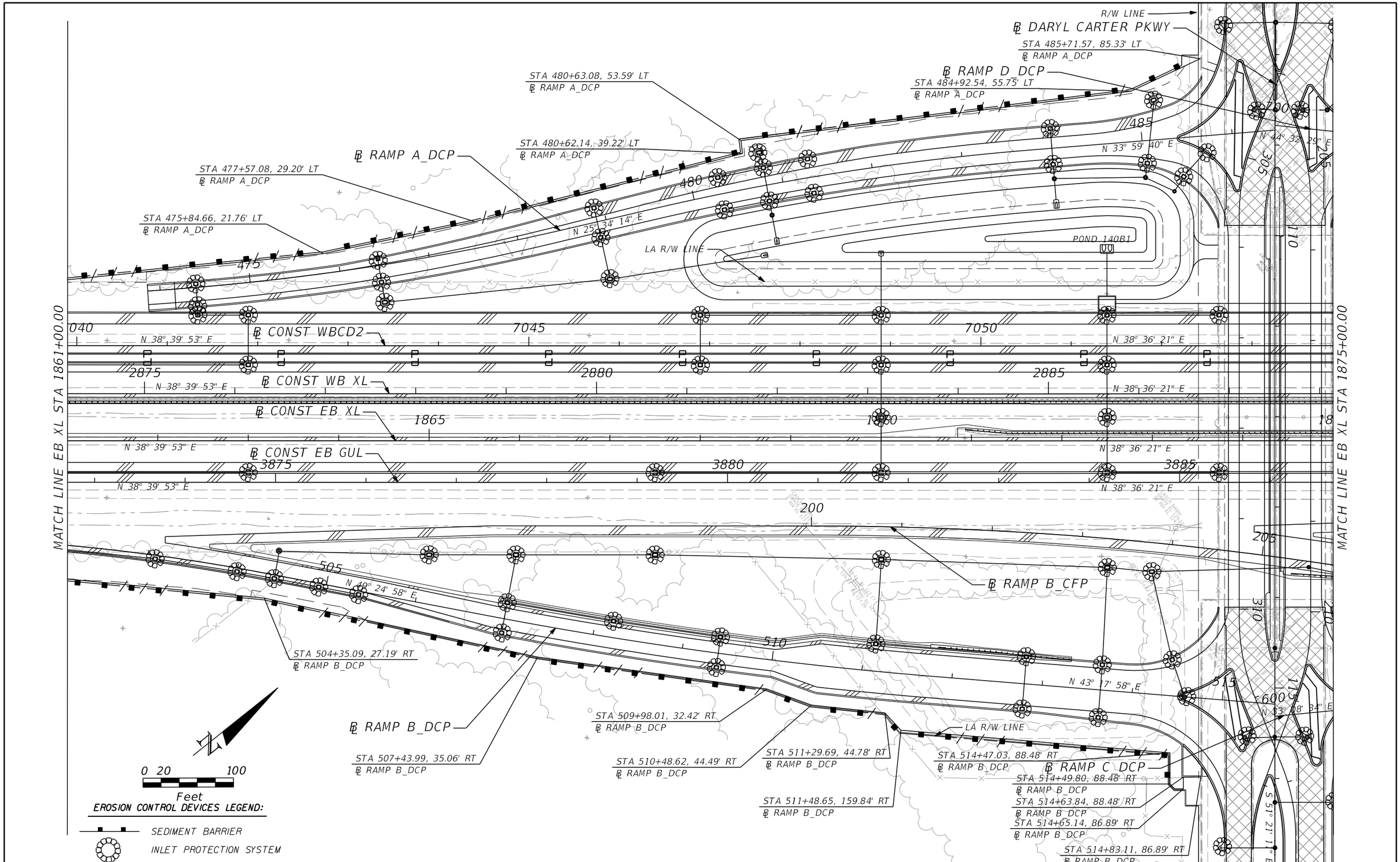
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 24

SHEET NO. 1396

PRELIMINARY: NOT FOR CONSTRUCTION



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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 25

SHEET NO. 1397

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MATCH LINE SEE SHEET 26A

MATCH LINE EB XL STA 1875+00.00

MATCH LINE EB XL STA 1889+00.00

POND 140B2

N 46° 55' 59" E

710

7065

7060

7055

℄ CONST WBCD2

2890

℄ CONST WB XL

2895

2900

N 38° 36' 21" E

℄ CONST EB XL

1880

1885

℄ CONST EB GUL

3890

3895

3900

N 38° 36' 21" E

N 49° 08' 32" E

210

605

610

215

N 30° 05' 06" E

N 31° 21' 51" E

N 33° 08' 34" E

LA R/W LINE

℄ RAMP C_DCP

℄ RAMP B_CFP

POND MOD C

POND C

STA 604+84.24, 22.67' RT
℄ RAMP C_DCP

STA 214+31.48, 57.95' RT
℄ RAMP B_CFP

STA 218+13.37, 132.69' RT
℄ RAMP B_CFP

STA 604+70.28, 168.62' RT
℄ RAMP C_DCP

LA R/W LINE

STA 217+65.91, 220.72' RT
℄ RAMP B_CFP

0 20 100
Feet

STA 600+90.73, 76.06' RT
℄ RAMP C_DCP

STA 600+85.38, 131.81' RT
℄ RAMP C_DCP

STA 600+75.34, 74.59' RT
℄ RAMP C_DCP

STA 219+30.23, 300.31' RT
℄ RAMP B_CFP

R/W LINE

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 26

SHEET NO. 1398

EROSION CONTROL DEVICES LEGEND:

SEDIMENT BARRIER

INLET PROTECTION SYSTEM

0 20 100

Feet

FOR CONTINUATION SEE SR 400 (I-4) - PLAN 53

℄ POND141

STA 610+77.78, 38.00' LT
℄ POND141

605

610

STA 709+71.24, 450.26' LT
℄ D_DCP

STA 709+63.32, 450.26' LT
℄ D_DCP

STA 709+50.61, 439.08' LT
℄ D_DCP

STA 709+58.55, 431.99' LT
℄ D_DCP

STA 705+40.82, 251.51' LT
℄ D_DCP

STA 707+73.25, 252.16' LT
℄ D_DCP

STA 707+65.97, 259.02' LT
℄ D_DCP

STA 707+62.83, 240.64' LT
℄ D_DCP

STA 707+55.11, 247.50' LT
℄ D_DCP

STA 706+63.08, 134.69' LT
℄ D_DCP

POND 141B1

MATCH LINE SEE SHEET 27A

POND 140B3

℄ RAMP D_DCP

LA R/W LINE

LA R/W LINE

14° 32' 29" E

MATCH LINE SEE SHEET 26

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 26A

SHEET NO. 1399

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MATCH LINE SEE SHEET 27A

℄ RAMP D_DCP

℄ CONST. WBCD2

℄ CONST WB GUL

℄ CONST WB XL

℄ CONST EB XL

℄ CONST EB GUL

715 7070 7075 7080 4915 4 2905 2910 2915 1890 1895 1900 3905 3910 615 225 230 20

N 35° 59' E
N 38° 23' 27" E
N 38° 36' 21" E
N 31° 21' 51" E

MATCH LINE EB XL STA 1889+00.00

MATCH LINE EB XL STA 1903+00.00

POND MOD C

STA 223+09.15, 300.31' RT
℄ RAMP B_CFP

℄ RAMP B_CFP

STA 222+96.26, 300.31' RT
℄ RAMP B_CFP

℄ RAMP C_DCP

LA R/W LINE
STA 226+26.87, 21.96' RT
℄ RAMP B_CFP

LAKE WILLIS

STA 232+99.04, 21.97' RT
℄ RAMP B_CFP

STA 233+94.10, 24.97' RT
℄ RAMP B_CFP

0 20 100
Feet

EROSION CONTROL DEVICES LEGEND:

FLOATING TURBIDITY BARRIER
STAKED TURBIDITY BARRIER
INLET PROTECTION SYSTEM

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 27

SHEET NO. 1400

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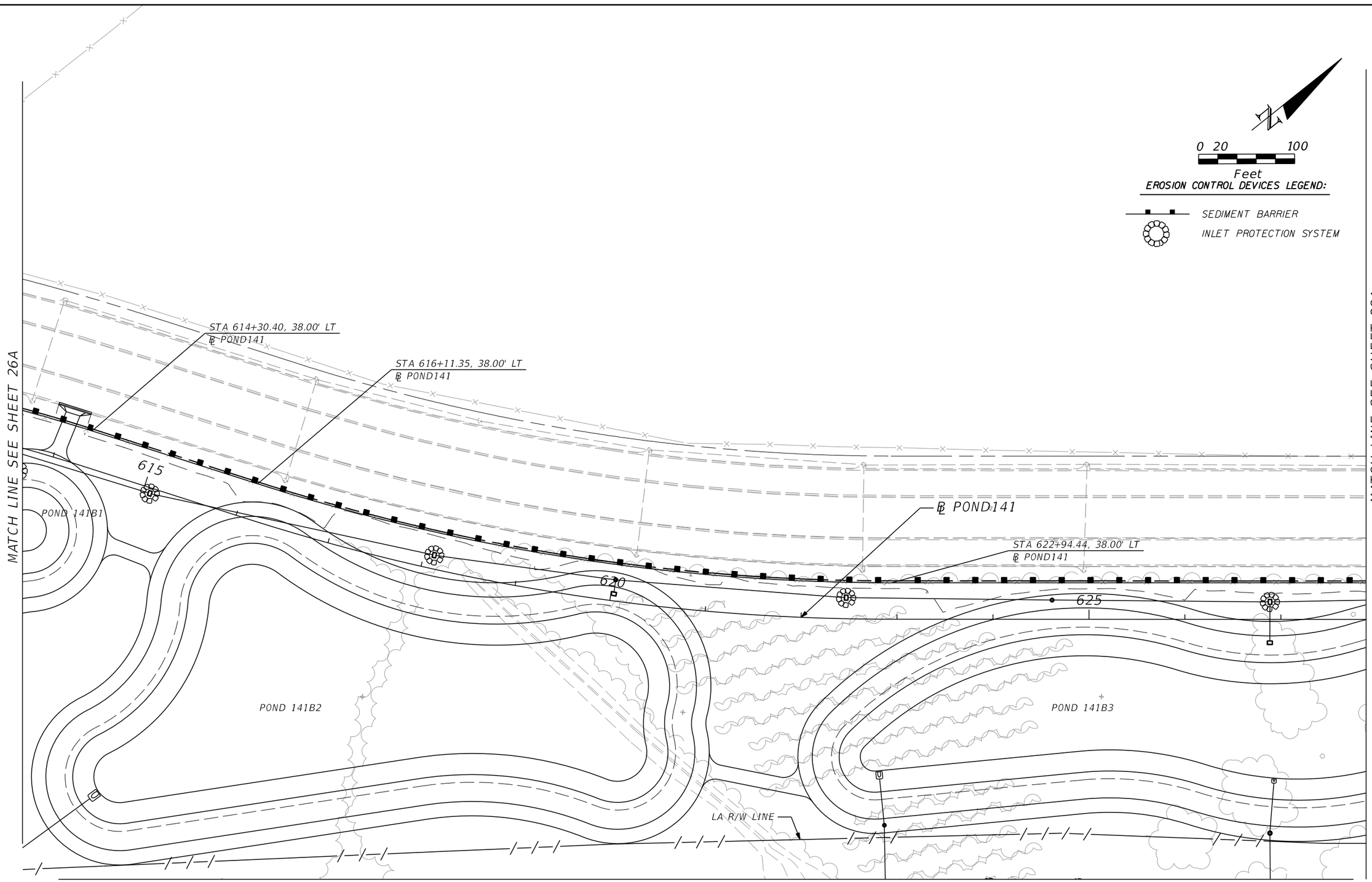

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 27A

SHEET NO. 1401

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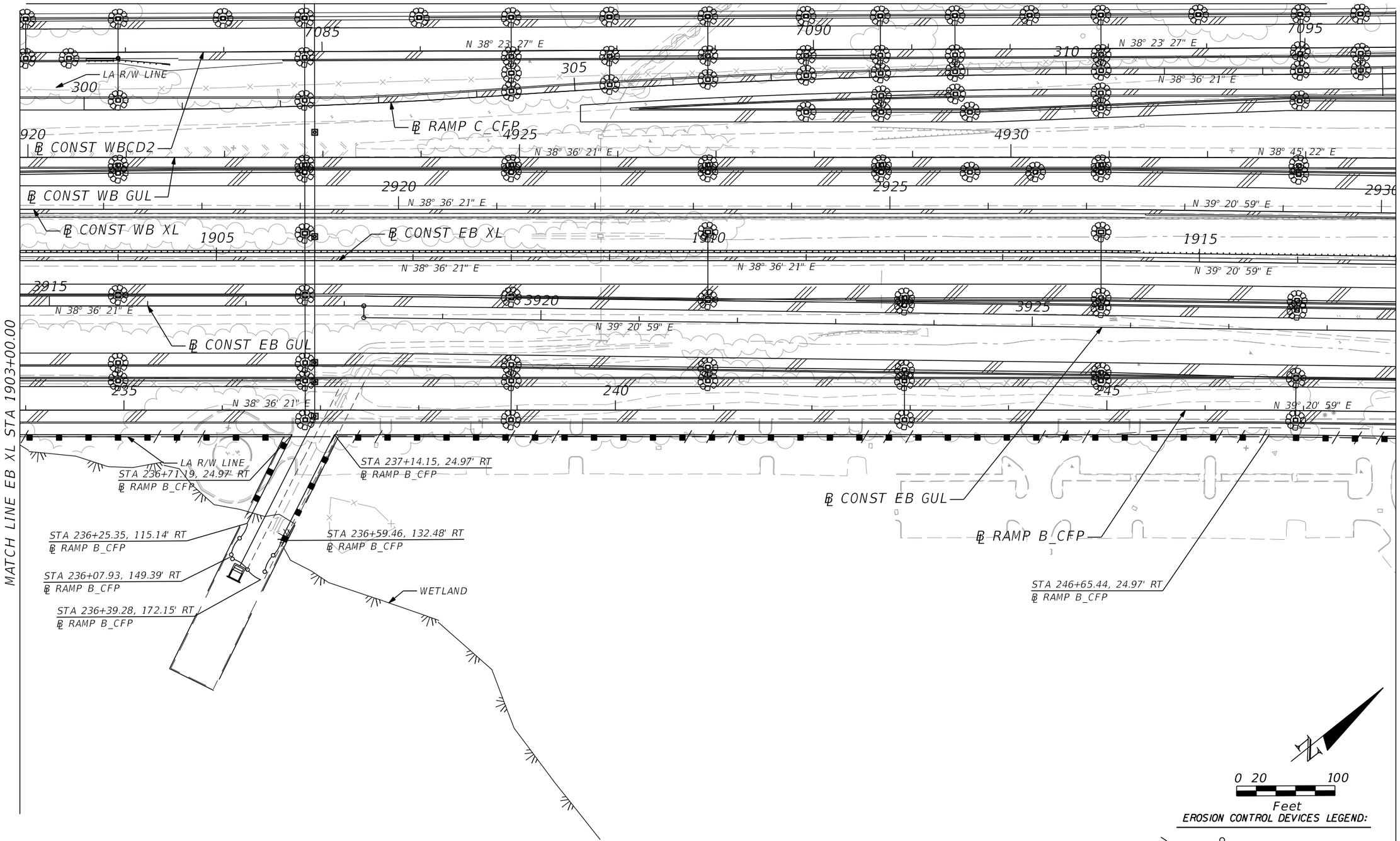
MATCH LINE SEE SHEET 28A



0 20 100
Feet

EROSION CONTROL DEVICES LEGEND:

FLOATING TURBIDITY BARRIER
SEDIMENT BARRIER
INLET PROTECTION SYSTEM

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 28

SHEET NO. 1402

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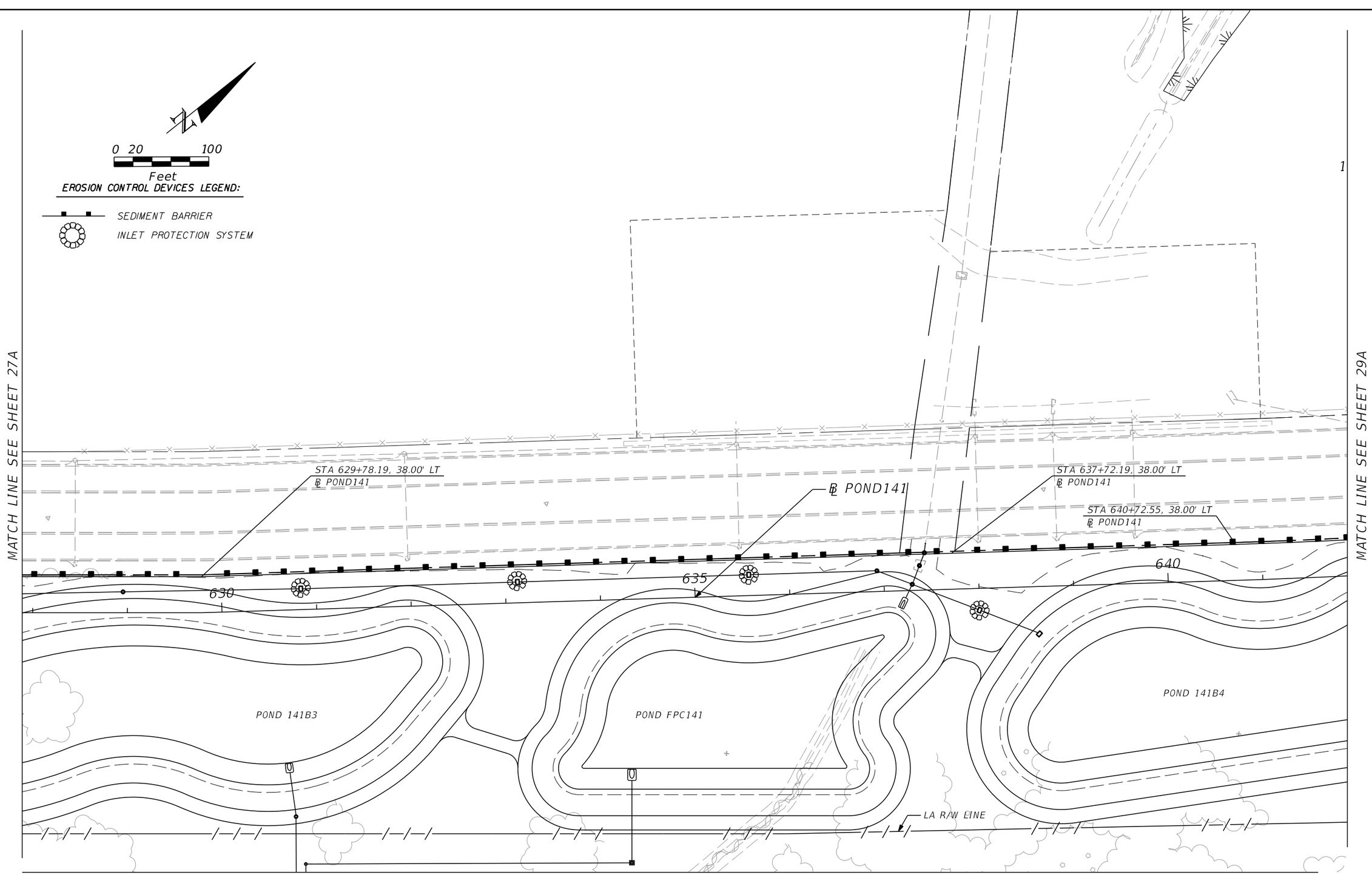
0 20 100
Feet

EROSION CONTROL DEVICES LEGEND:

SEDIMENT BARRIER

INLET PROTECTION SYSTEM



PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 28A

SHEET NO. 1403

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MATCH LINE SEE SHEET 29A

MATCH LINE EB XL STA 1917+00.00

MATCH LINE EB XL STA 1931+00.00

FENCE

℄ CONST WBCD2

℄ RAMP C_CFP

℄ RAMP A_CFP

℄ CONST WB XL

℄ CONST WB GUL

℄ CONST EB XL

℄ CONST EB GUL

℄ RAMP B_CFP

STA 252+60.04, 25.00' RT
℄ RAMP B_CFP

STA 252+73.19, 41.36' RT
℄ RAMP B_CFP

LA R/W LINE

N 38° 48' 22" E

N 38° 36' 21" E

N 35° 40' 39" E

N 34° 35' 48" E

N 39° 20' 59" E

7100 315 100 320 105 325 110

4935 4940 4945

2935 2940

1920 1925 1930

3930 3935 3940

250 255 260

0 20 100
Feet

EROSION CONTROL DEVICES LEGEND:

SEDIMENT BARRIER

INLET PROTECTION SYSTEM

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 29

SHEET NO. 1404

WETLAND

℄ POND142

STA 1004+87.01, 18.00' LT
℄ POND142

1005

1010

000

POND 142

MATCH LINE SEE SHEET 30A

MATCH LINE SEE SHEET 28A

℄ POND141

645

STA 1004+99.10, 239.80' LT
℄ POND141

STA 646+54.22, 38.00' LT
℄ POND141

STA 1012+41.85, 360.87' RT
℄ POND142

0 20 100
Feet

EROSION CONTROL DEVICES LEGEND:

SEDIMENT BARRIER

INLET PROTECTION SYSTEM

POND 141B4

STA 7104+10.39, 36.53' LT
℄ WBCD2

℄ CONST WBCD2

STA 7101+01.08, 48.94' LT
℄ WBCD2

BEGIN BRIDGE
(BY OTHERS)

LA R/W LINE

LA R/W LINE

7105

N 35° 07' 28" E

N 40° 15' 02" E

MATCH LINE SEE SHEET 29

PRELIMINARY: NOT FOR CONSTRUCTION

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SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 29A

SHEET NO.
1405

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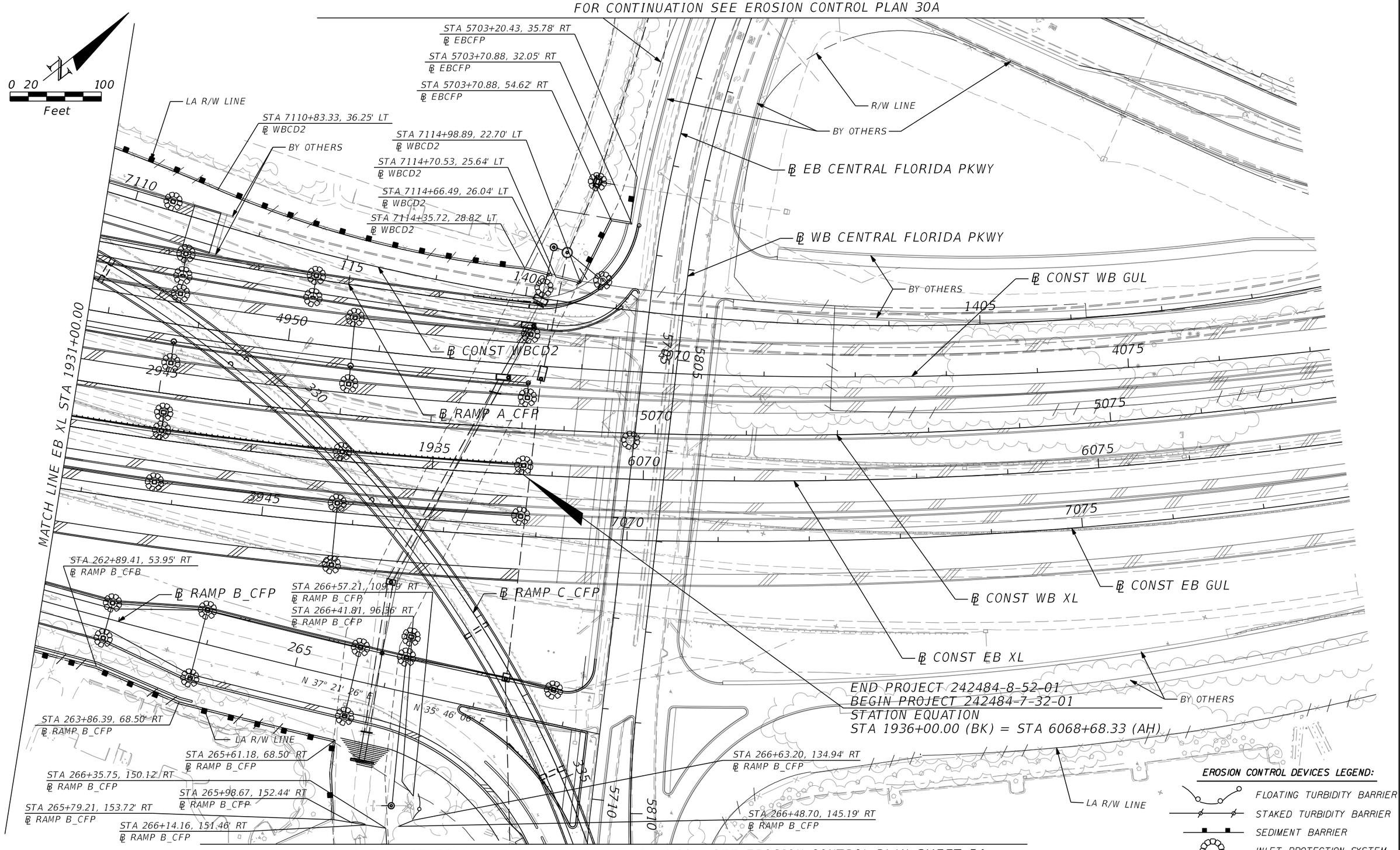
FOR CONTINUATION SEE EROSION CONTROL PLAN 30A



MATCH LINE EB CENTRAL FLORIDA PKWY STA 5710+50.00 – SEE EROSION CONTROL PLAN SHEET 54

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 30

SHEET NO. 1406

PRELIMINARY: NOT FOR CONSTRUCTION

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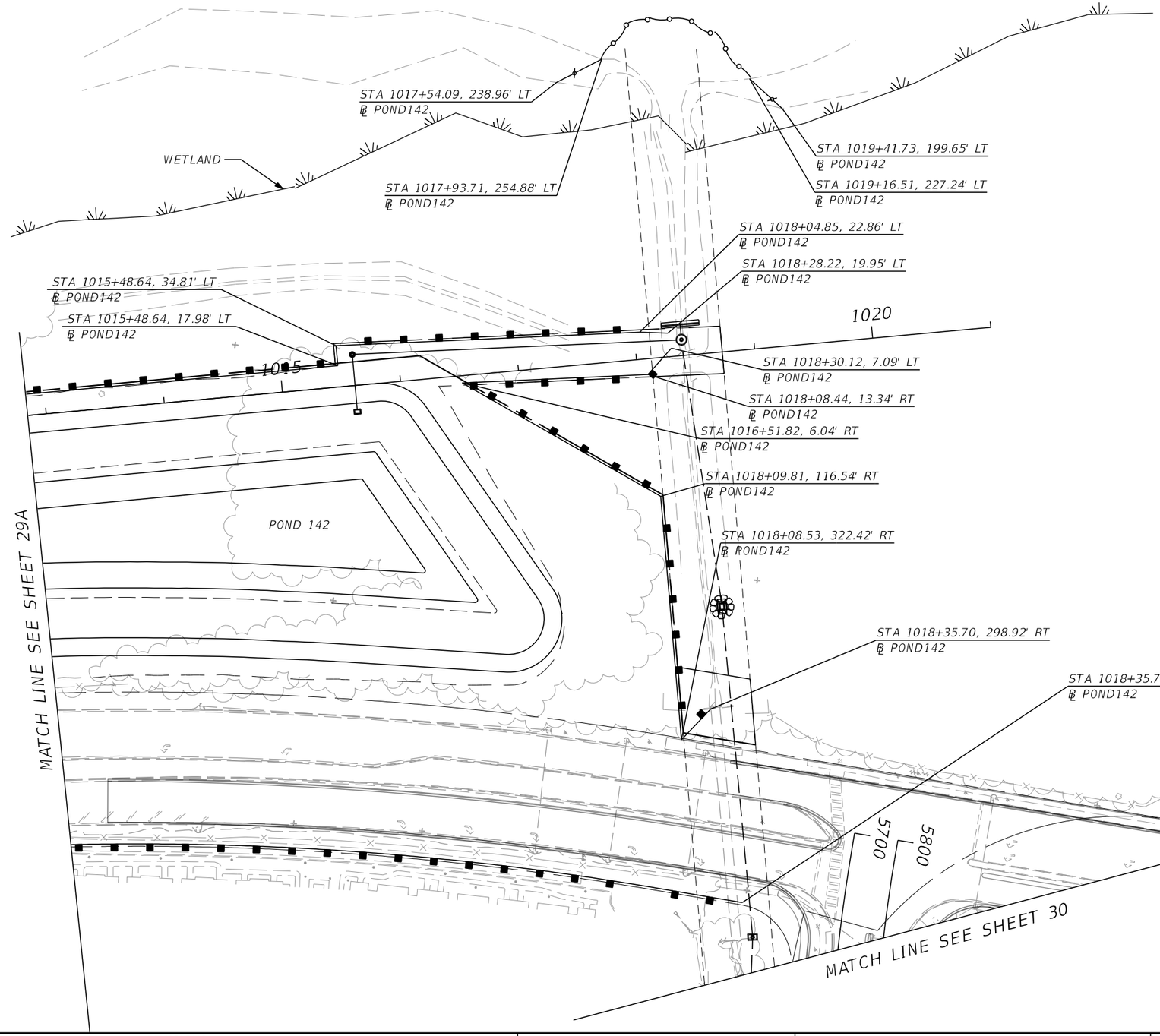

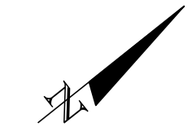

EROSION CONTROL DEVICES LEGEND:

- SEDIMENT BARRIER
- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- INLET PROTECTION SYSTEM

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 30A

SHEET NO. 1407

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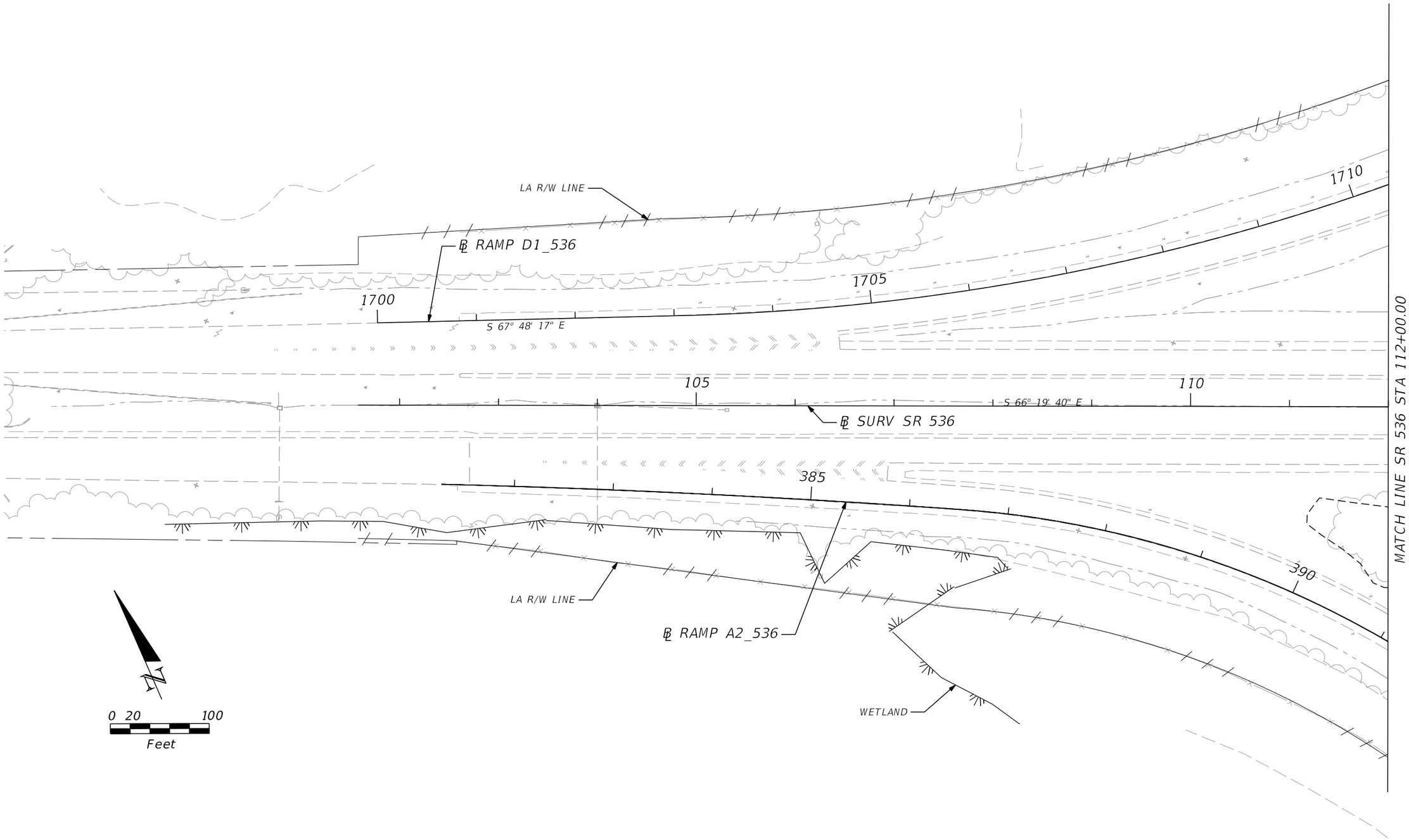

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 31

SHEET NO. 1408

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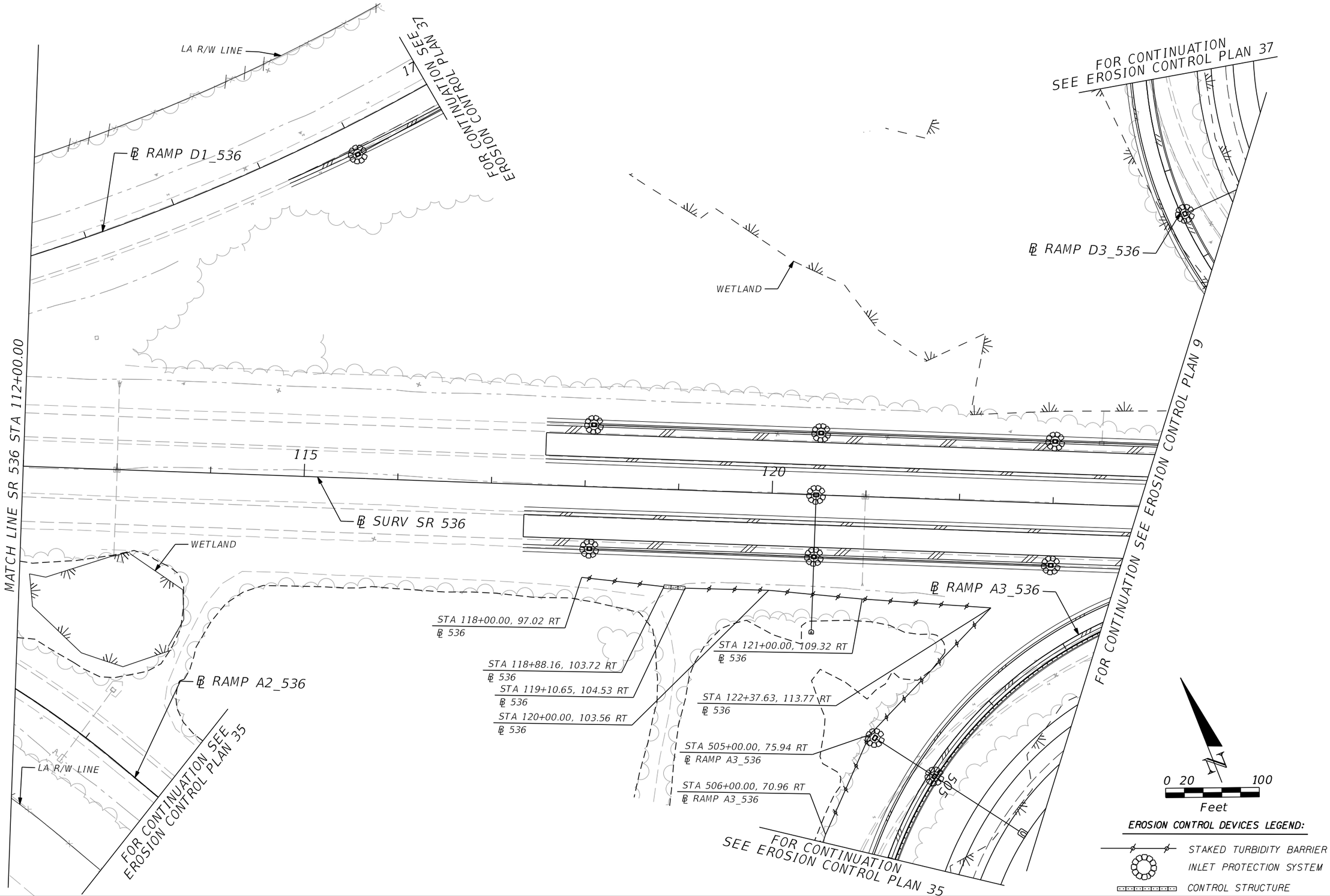

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 32

SHEET NO. 1409

PRELIMINARY: NOT FOR CONSTRUCTION

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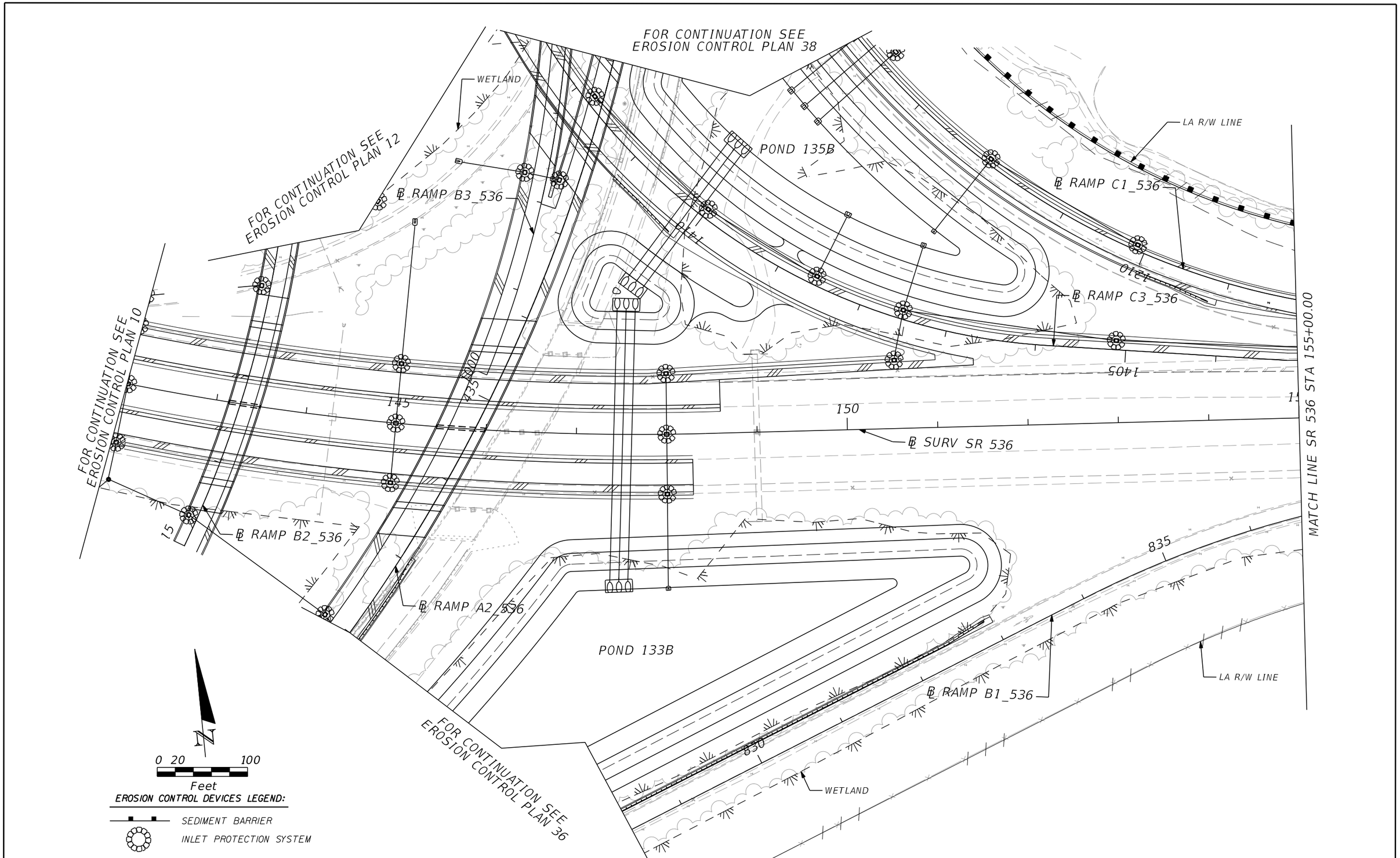

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL
PLAN SHEET 33

SHEET NO.
1410

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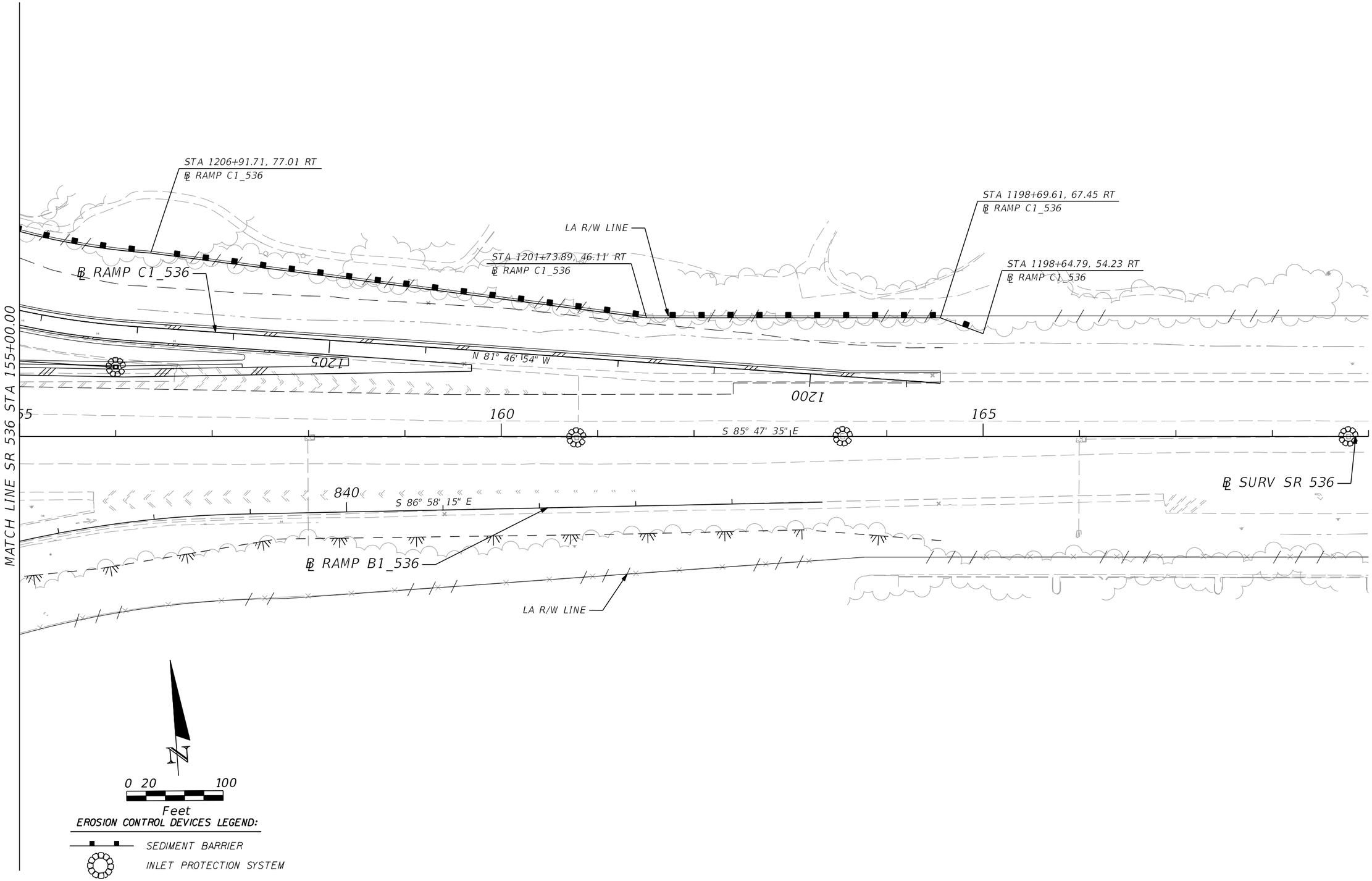

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 34

SHEET NO. 1411

PRELIMINARY: NOT FOR CONSTRUCTION

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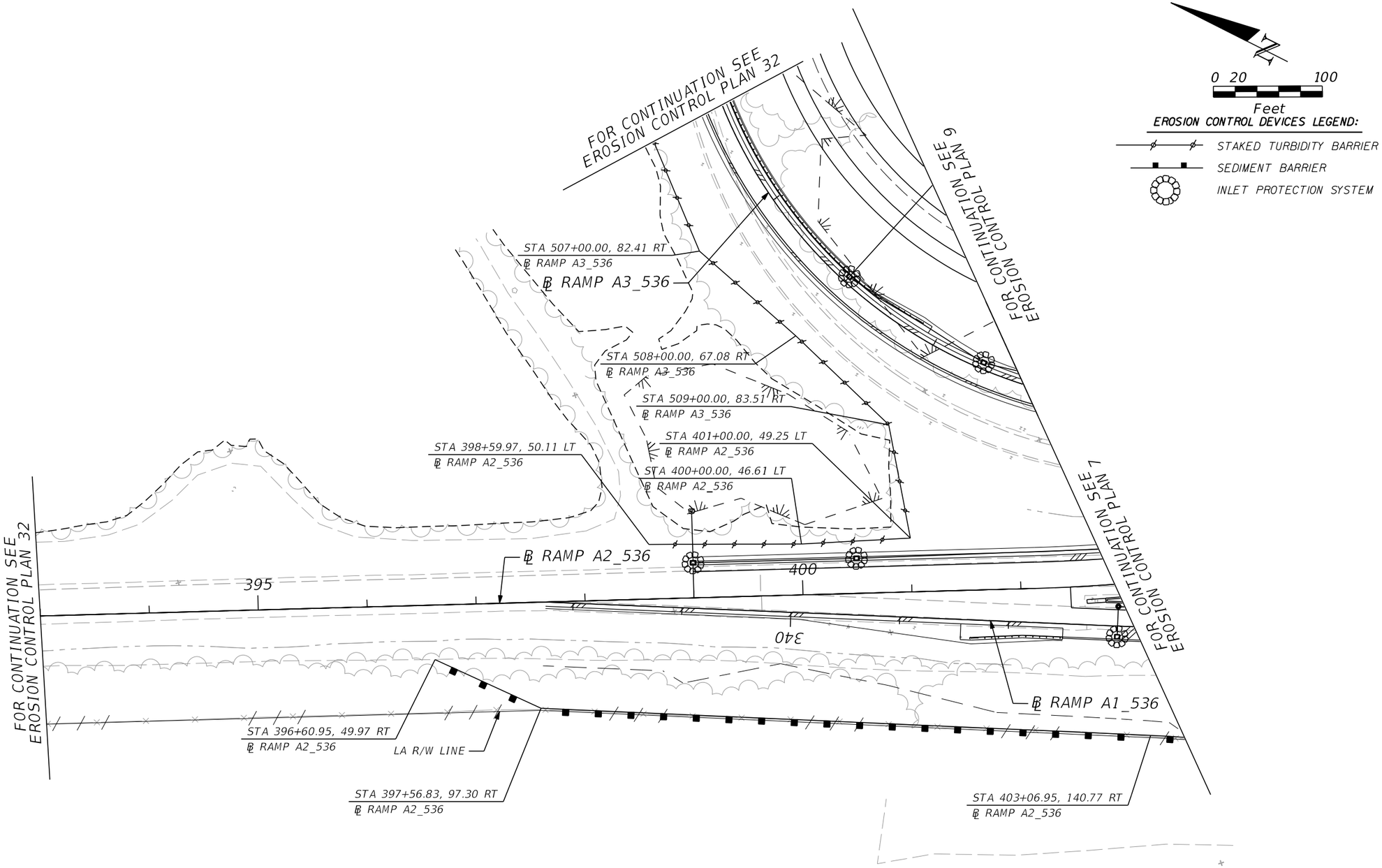

0 20 100

Feet

EROSION CONTROL DEVICES LEGEND:

- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115 www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 35

SHEET NO. 1412

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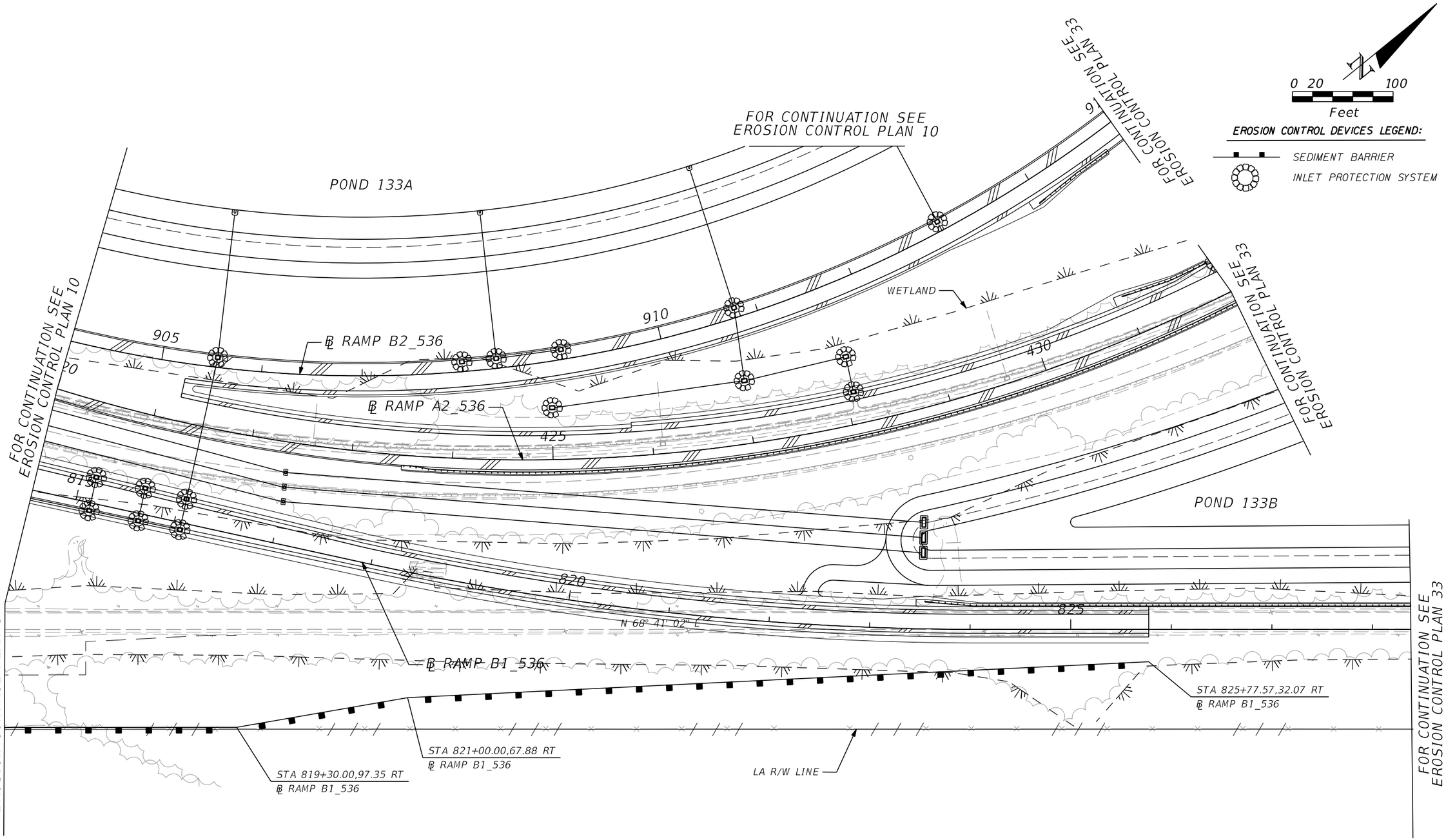

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 36

SHEET NO. 1413

PRELIMINARY: NOT FOR CONSTRUCTION

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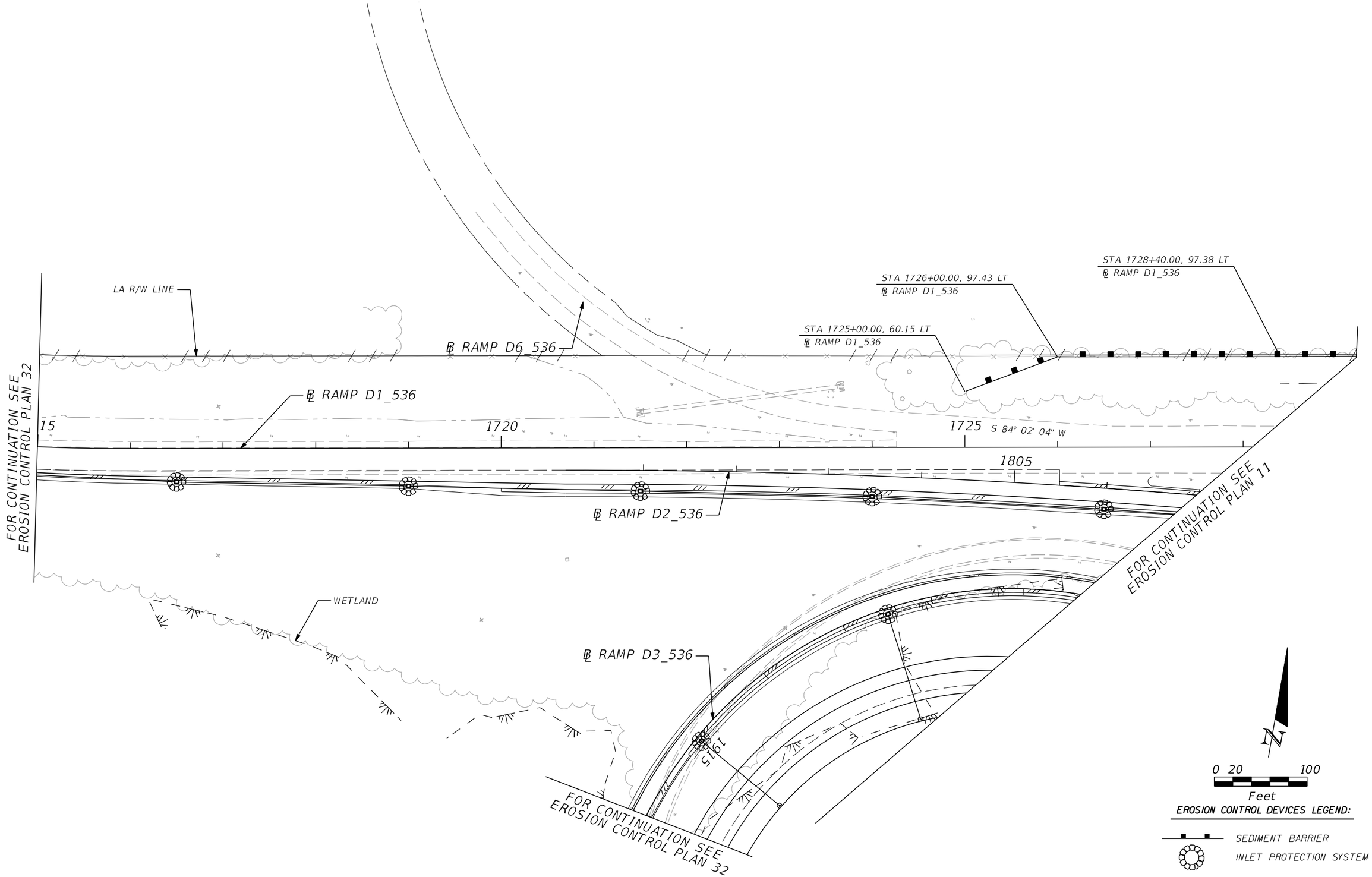

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 37

SHEET NO. 1414

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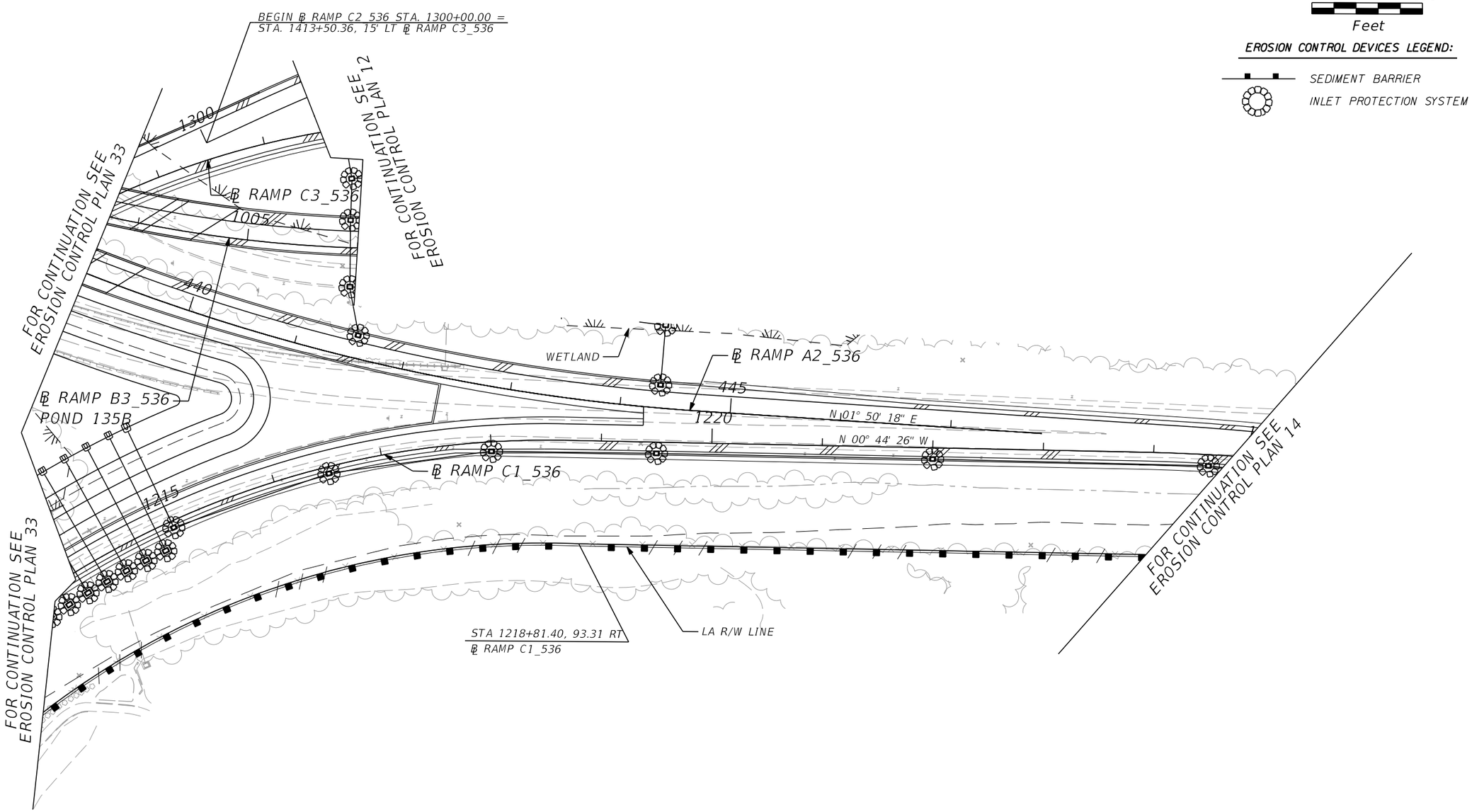

0 20 100

Feet

EROSION CONTROL DEVICES LEGEND:

SEDIMENT BARRIER

INLET PROTECTION SYSTEM

PRELIMINARY: NOT FOR CONSTRUCTION

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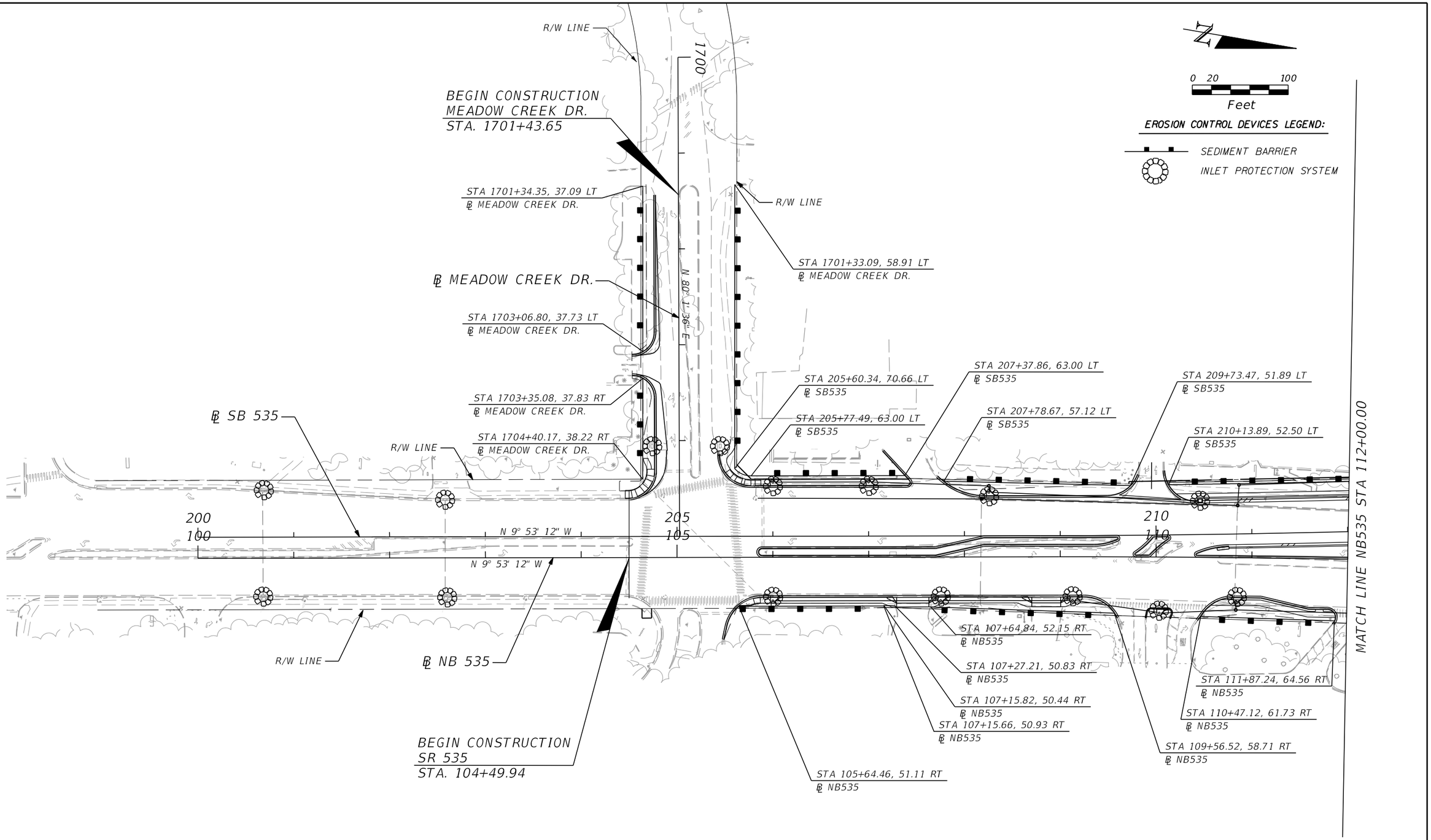
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 38

SHEET NO. 1415



PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 39

SHEET NO. 1416

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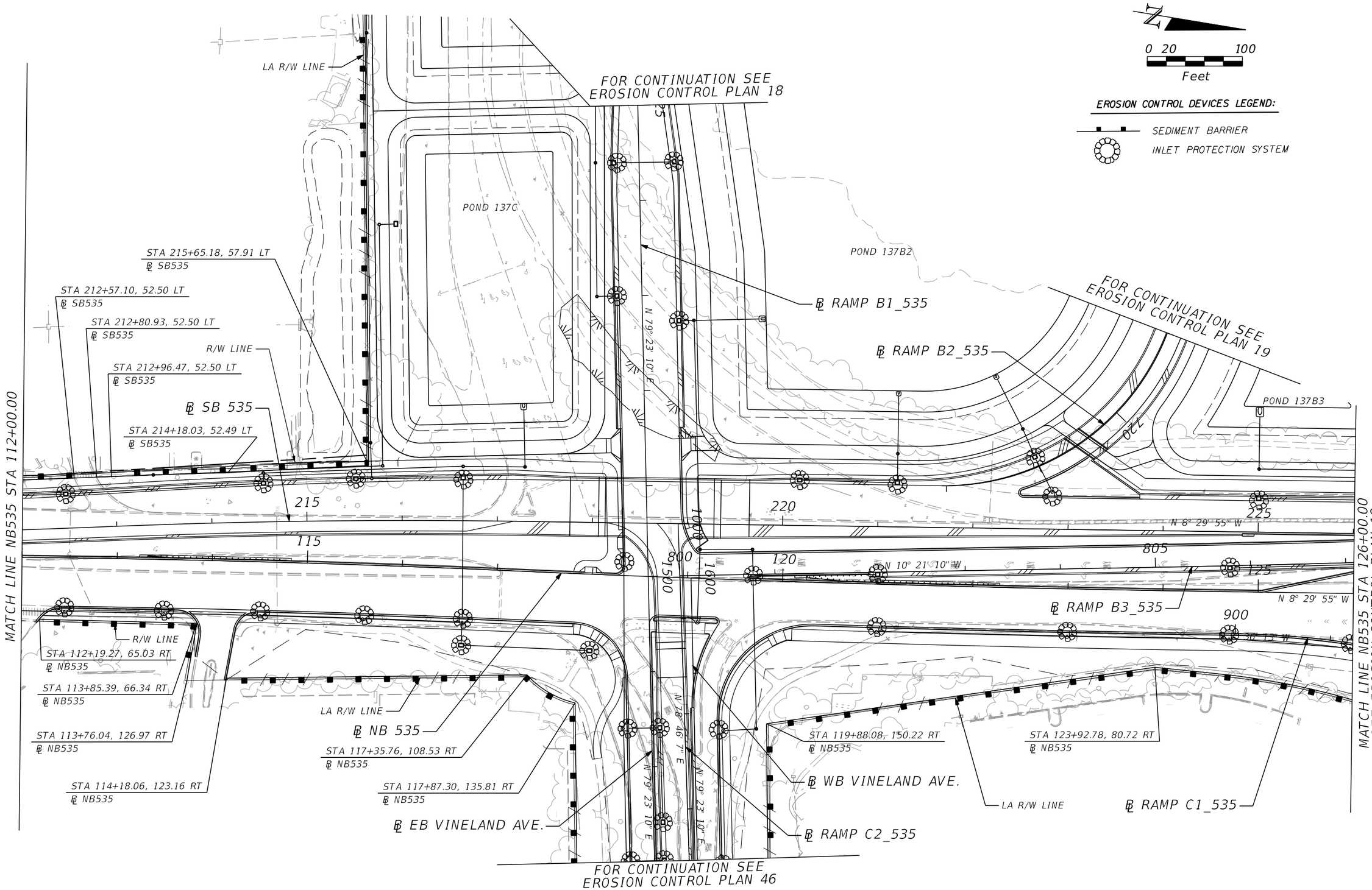

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 40

SHEET NO. 1417

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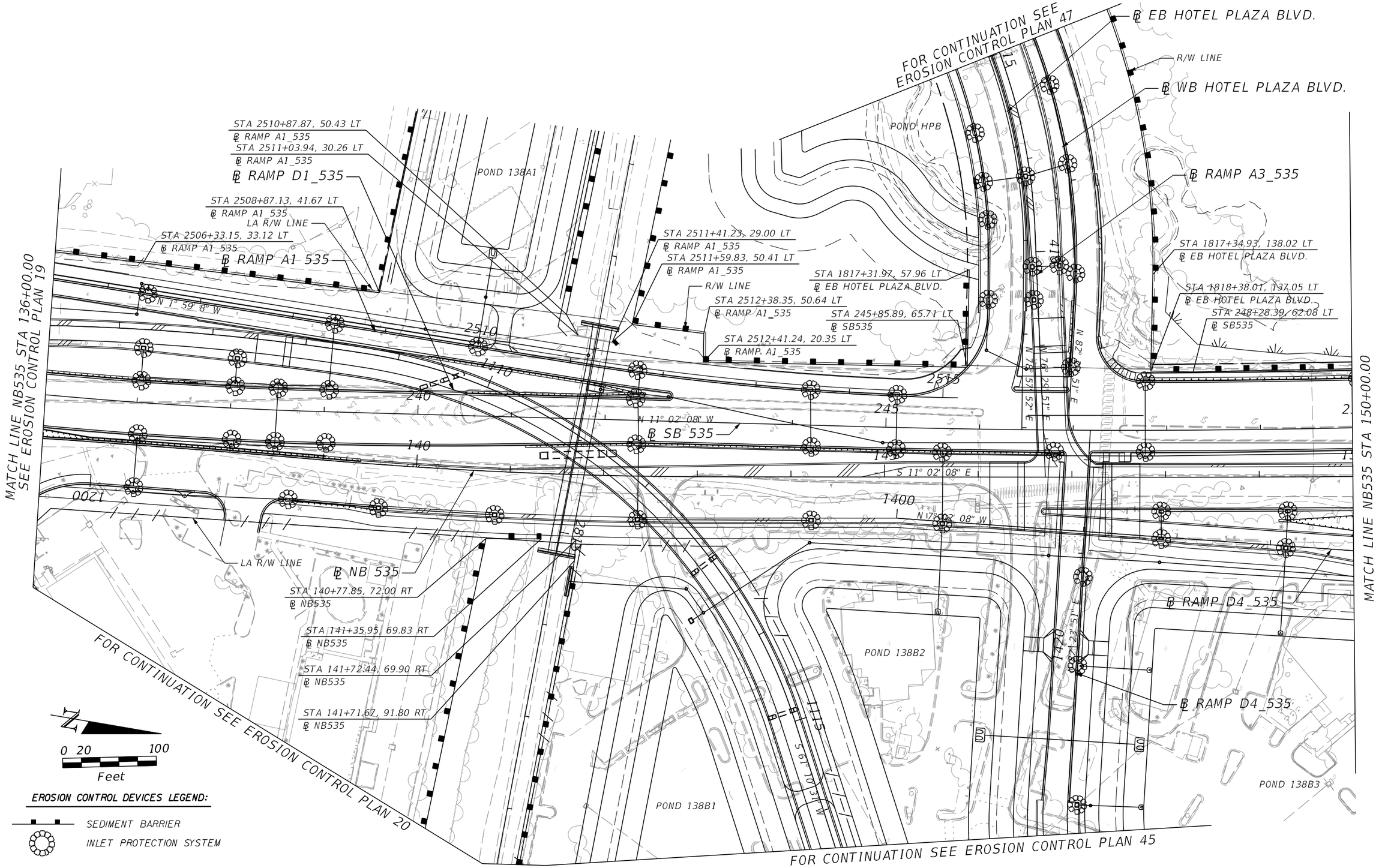

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 41

SHEET NO. 1418

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0 20 100
Feet

EROSION CONTROL DEVICES LEGEND:

SEDIMENT BARRIER

INLET PROTECTION SYSTEM

WETLAND

℄ WB WINTER GARDEN VINELAND RD.

FOR CONTINUATION SEE EROSION CONTROL PLAN 48

STA 253+81.51, 42.80 LT
℄ SB535

STA 254+51.98, 41.55 LT
℄ SB535

STA 254+61.94, 41.41 LT
℄ SB535

STA 254+76.13, 41.22 LT
℄ SB535

STA 255+13.43, 40.84 LT
℄ SB535

STA 256+64.91, 40.33 LT
℄ SB535

STA 256+91.11, 40.28 LT
℄ SB535

℄ EB WINTER GARDEN VINELAND RD.

STA 257+95.74, 40.10 LT
℄ SB535

STA 258+03.14, 40.09 LT
℄ SB535

STA 260+16.81, 39.72 LT
℄ SB535

STA 260+84.35, 94.69 LT
℄ SB535

STA 250+40.94, 63.00 LT
℄ SB535

STA 251+12.83, 51.70 LT
℄ SB535

℄ SB 535

STA 253+50.18, 43.52 LT
℄ SB535

R/W LINE

STA 262+62.13, 239.98 LT
℄ SB535

STA 263+88.71, 51.34 LT
℄ SB535

STA 262+29.02, 104.65 LT
℄ SB535

STA 262+73.20, 54.14 LT
℄ SB535

R/W LINE

S 87° 24' 01" E 2215

S 86° 24' 01" E 2315

MATCH LINE NB535 STA 150+00.00

MATCH LINE NB535 STA 164+00.00

N 11° 02' 08" W

N 10° 02' 08" W

N 10° 02' 08" W

255

260

155

160

405

2000

2100

POND 138B4

POND 138B3

STA 154+50.18, 51.67 RT
℄ NB535

STA 153+96.46, 52.00 RT
℄ NB535

STA 156+08.09, 52.00 RT
℄ NB535

℄ NB 535

STA 155+73.30, 52.00 RT
℄ NB535

STA 154+94.86, 52.00 RT
℄ NB535

STA 159+79.16, 52.00 RT
℄ NB535

R/W LINE

STA 157+45.92, 52.00 RT
℄ NB535

STA 157+13.54, 52.00 RT
℄ NB535

STA 160+06.23, 58.12 RT
℄ NB535

STA 2001+27.33, 41.49 RT
℄ EB PALM PKWY

STA 2002+39.86, 34.69 RT
℄ EB PALM PKWY

℄ EB PALM PKWY

S 86° 24' 01" E

S 86° 24' 01" E

STA 163+84.48, 39.00 RT
℄ NB535

STA 162+31.79, 39.00 RT
℄ NB535

STA 2100+52.52, 79.26 LT
℄ WB PALM PKWY

STA 2100+44.44, 71.33 LT
℄ WB PALM PKWY

STA 2100+94.33, 77.43 LT
℄ WB PALM PKWY

STA 2101+04.88, 70.00 LT
℄ WB PALM PKWY

STA 2102+53.83, 158.82 LT
℄ WB PALM PKWY

STA 2102+58.26, 70.00 LT
℄ WB PALM PKWY

℄ WB PALM PKWY

POND PPW

℄ RAMP D4_535

FOR CONTINUATION SEE EROSION CONTROL PLAN 45

FOR CONTINUATION SEE EROSION CONTROL PLAN 49

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 42

SHEET NO. 1419

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POND FPC 138

STA 265+80.90, 297.61 LT
℄ SB535

R/W LINE

EASEMENT

STA 267+83.08, 291.49 LT
℄ SB535

POND FPC 138

FOR CONTINUATION SEE
EROSION CONTROL PLAN SHEET 50

℄ GRAND CYPRESS BLVD

STA 2417+92.02, 100.46 LT
℄ GRANDGRANDCYPRESS

STA 277+65.73, 139.04 LT
℄ SB535SB535

S 5° 57' 10" E

STA 265+49.24, 50.56 LT
℄ SB535

STA 265+69.23, 49.50 LT
℄ SB535

STA 269+76.69, 35.68 LT
℄ SB535

STA 270+20.11, 39.09 LT
℄ SB535

STA 264+23.53, 52.01 LT
℄ SB535

STA 266+05.29, 44.07 LT
℄ SB535

STA 267+67.34, 43.91 LT
℄ SB535

STA 271+79.10, 39.02 LT
℄ SB535

R/W LINE

STA 267+31.53, 43.64 LT
℄ SB535

STA 267+87.02, 43.88 LT
℄ SB535

℄ SB 535

STA 267+87.01, 35.30 LT
℄ SB535

265

270

275

N 0° 39' 28" E

N 5° 03' 01" E

165

170

175

N 0° 39' 28" E

N 4° 27' 37" E

MATCH LINE NB535 STA 164+00.00

MATCH LINE NB535 STA 178+00.00

R/W LINE

STA 169+69.88, 34.00 RT
℄ NB535

STA 170+28.52, 30.01 RT
℄ NB535

STA 174+46.94, 31.75 RT
℄ NB535

STA 174+63.55, 46.45 RT
℄ NB535

STA 174+63.46, 57.34 RT
℄ NB535

STA 164+63.06, 39.00 RT
℄ NB535

STA 166+79.85, 39.00 RT
℄ NB535

STA 167+20.70, 39.00 RT
℄ NB535

STA 167+58.71, 39.00 RT
℄ NB535

STA 167+77.97, 34.01 RT
℄ NB535

STA 167+78.00, 39.00 RT
℄ NB535

℄ NB 535

STA 172+63.21, 31.50 RT
℄ NB535

S 5° 57' 10" E

STA 175+79.80, 30.90 RT
℄ NB535

STA 175+63.09, 45.29 RT
℄ NB535

STA 175+60.61, 68.88 RT
℄ NB535

N

0 20 100
Feet

EROSION CONTROL DEVICES LEGEND:

SEDIMENT BARRIER

INLET PROTECTION SYSTEM

FLOATING TURBIDITY BARRIER

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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Orlando, FL, 32801
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 43

SHEET NO. 1420

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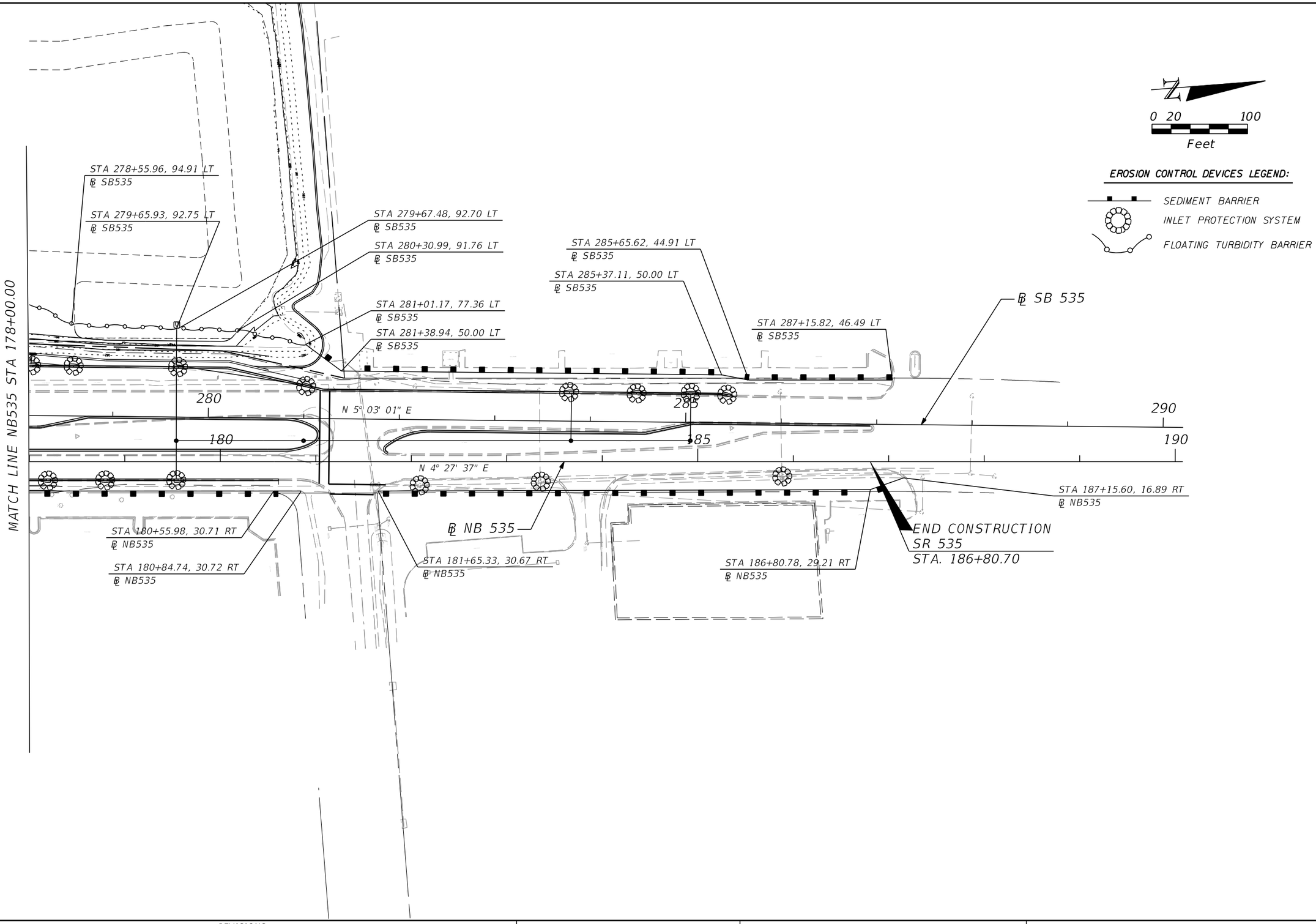

PRELIMINARY: NOT FOR CONSTRUCTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 44

SHEET NO. 1421

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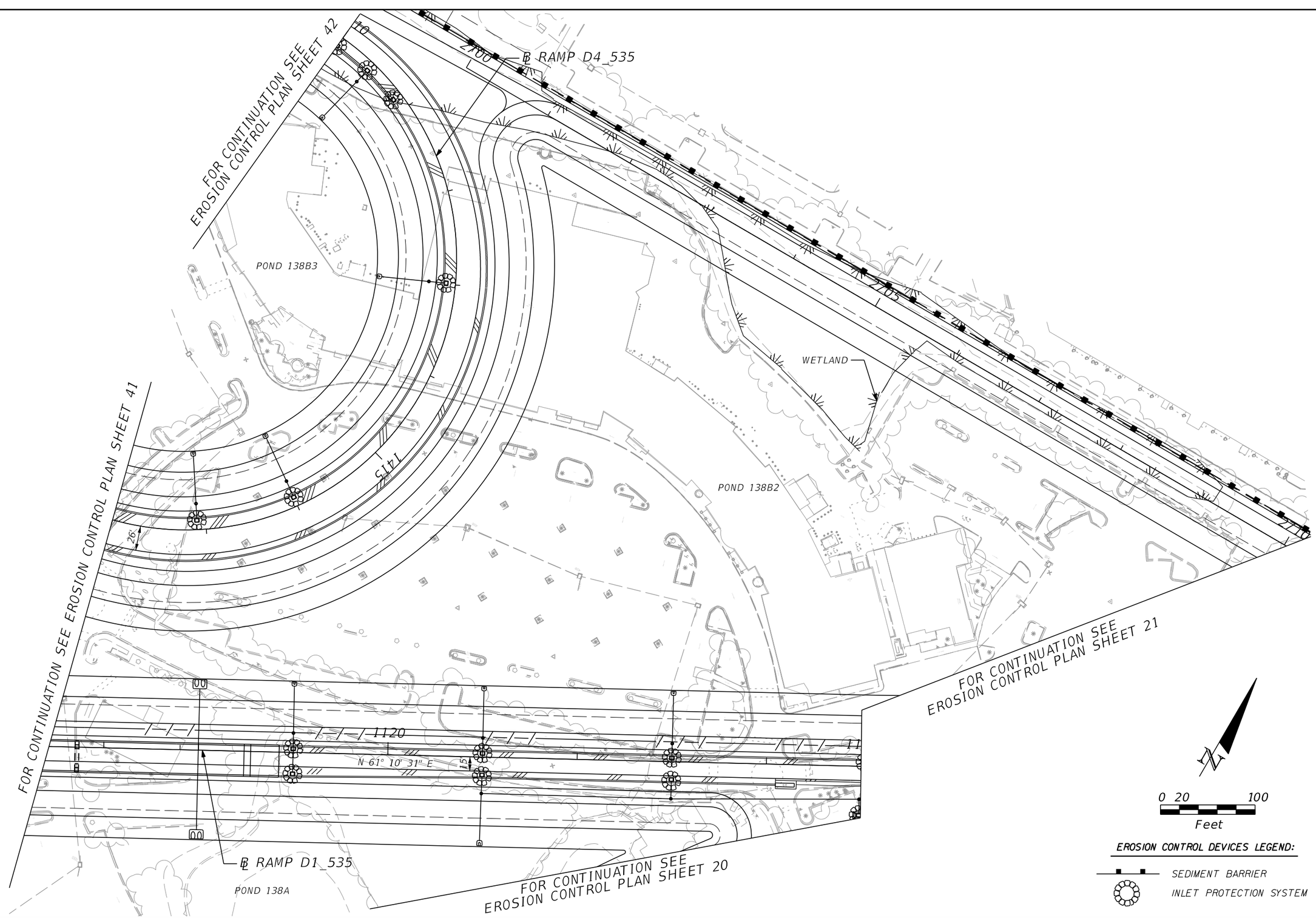

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 45

SHEET NO. 1422

PRELIMINARY: NOT FOR CONSTRUCTION

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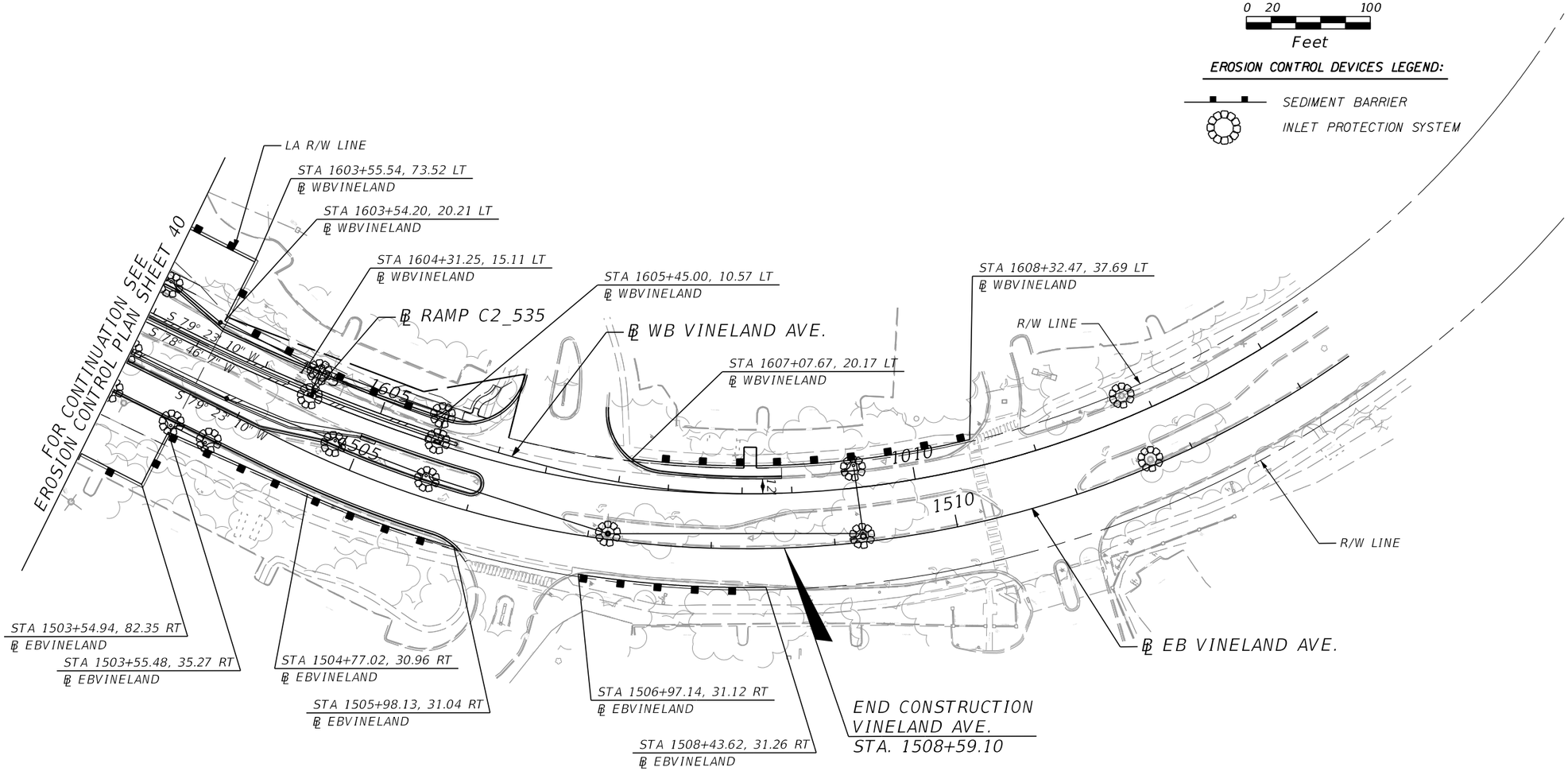
Feet

EROSION CONTROL DEVICES LEGEND:

SEDIMENT BARRIER

INLET PROTECTION SYSTEM



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 46

SHEET NO. 1423

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N

0 20 100

Feet

EROSION CONTROL DEVICES LEGEND:

SEDIMENT BARRIER

INLET PROTECTION SYSTEM

WETLAND

℄ OUTFALL 535

STA 2802+18.06, 25.10 LT
℄ OUTFALL 535

STA 2802+18.03, 55.61 LT
℄ OUTFALL 535

STA 2802+45.06, 55.64 LT
℄ OUTFALL 535

STA 2802+54.29, 25.70 LT
℄ OUTFALL 535

R/W LINE

STA 1910+03.50, 55.17 LT
℄ WBHOTELPLAZA

STA 1909+52.05, 83.36 LT
℄ WBHOTELPLAZA

STA 1908+18.86, 83.07 LT
℄ WBHOTELPLAZA

STA 1906+88.74, 83.11 LT
℄ WBHOTELPLAZA

STA 1906+32.07, 42.27 LT
℄ WBHOTELPLAZA

℄ WB HOTEL PLAZA BLVD.

STA 2803+90.91, 24.84 LT
℄ OUTFALL 535

STA 1910+32.19, 91.07 LT
℄ WBHOTELPLAZA

STA 1910+36.71, 63.18 LT
℄ WBHOTELPLAZA

STA 1910+42.53, 72.96 LT
℄ WBHOTELPLAZA

STA 1910+74.21, 83.46 LT
℄ WBHOTELPLAZA

STA 1810+35.28, 41.05 RT
℄ EBHOTELPLAZA

STA 1811+14.52, 62.46 RT
℄ EBHOTELPLAZA

℄ RAMP A3_535

1905

1805

1910

1810

405

N 3° 45' 30" W

N 3° 45' 30" W

N 3° 45' 30" W

BEGIN CONSTRUCTION
HOTEL PLAZA BLVD.
STA. 1802+74.18

STA 1803+00.00, 70.77 RT
℄ EBHOTELPLAZA

℄ EB HOTEL PLAZA BLVD.

STA 1802+66.50, 28.06 RT
℄ EBHOTELPLAZA

STA 1806+12.40, 70.87 RT
℄ EBHOTELPLAZA

STA 1806+56.42, 70.88 RT
℄ EBHOTELPLAZA

R/W LINE

STA 1808+00.57, 47.35 RT
℄ EBHOTELPLAZA

STA 1808+00.00, 69.67 RT
℄ EBHOTELPLAZA

STA 1809+64.59, 35.42 RT
℄ EBHOTELPLAZA

STA 1809+80.65, 35.84 RT
℄ EBHOTELPLAZA

STA 1809+91.60, 35.96 RT
℄ EBHOTELPLAZA

STA 1810+30.73, 60.05 RT
℄ EBHOTELPLAZA

STA 1810+74.98, 41.35 RT
℄ EBHOTELPLAZA

STA 1810+63.03, 157.35 RT
℄ EBHOTELPLAZA

STA 1810+69.78, 155.81 RT
℄ EBHOTELPLAZA

STA 1811+88.49, 318.96 RT
℄ EBHOTELPLAZA

STA 1811+73.06, 322.82 RT
℄ EBHOTELPLAZA

STA 1808+09.98, 360.92 RT
℄ EBHOTELPLAZA

POND 138A1

POND HPB

281

195

16

FOR CONTINUATION SEE EROSION CONTROL PLAN SHEET 41

PRELIMINARY: NOT FOR CONSTRUCTION

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SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 47

SHEET NO. 1424

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FOR CONTINUATION SEE
EROSION CONTROL PLAN SHEET 50

N

0 20 100
Feet

EROSION CONTROL DEVICES LEGEND:

SEDIMENT BARRIER

INLET PROTECTION SYSTEM

℄ GRAND CYPRESS BLVD.

WETLAND

N 2° 48' 51" E

POND FPC 138

DRAINAGE EASEMENT

STA 2403+96.06, 199.43 RT
℄ GRANDGRANDCYPRESS

R/W LINE

5' CONC SWK

STA 2313+00.02, 57.08 LT
℄ RAMP WBWGV

STA 2310+90.93, 60.58 LT
℄ RAMP WBWGV

STA 2311+01.10, 60.63 LT
℄ RAMP WBWGV

STA 2311+25.00, 59.09 LT
℄ RAMP WBWGV

STA 2306+77.46, 62.62 LT
℄ RAMP WBWGV

STA 2306+00.00, 47.94 LT
℄ RAMP WBWGV

℄ WB WINTER GARDEN VINELAND RD.

2300 2305 2310

2200 2205 2210

2400

S 87° 24' 01" E

S 86° 50' 00" E

S 87° 24' 01" E

S 87° 24' 01" E

STA 2203+82.86, 57.07 RT
℄ RAMP EBWGV

BEGIN CONSTRUCTION
WINTER GARDEN VINELAND RD.
STA. 2204+38.87

STA 2205+82.78, 67.01 RT
℄ RAMP EBWGV

STA 2200+12.86, 57.61 RT
℄ RAMP EBWGV

℄ EB WINTER GARDEN VINELAND RD.

R/W LINE

STA 2206+82.98, 61.87 RT
℄ RAMP EBWGV

STA 2208+23.28, 61.69 RT
℄ RAMP EBWGV

STA 2210+97.59, 61.33 RT
℄ RAMP EBWGV

STA 2210+97.34, 55.71 RT
℄ RAMP EBWGV

STA 2210+38.30, 61.41 RT
℄ RAMP EBWGV

STA 2212+47.40, 55.52 RT
℄ RAMP EBWGV

STA 2212+58.05, 55.37 RT
℄ RAMP EBWGV

FOR CONTINUATION SEE
EROSION CONTROL PLAN SHEET 42

PRELIMINARY: NOT FOR CONSTRUCTION

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SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 48

SHEET NO. 1425

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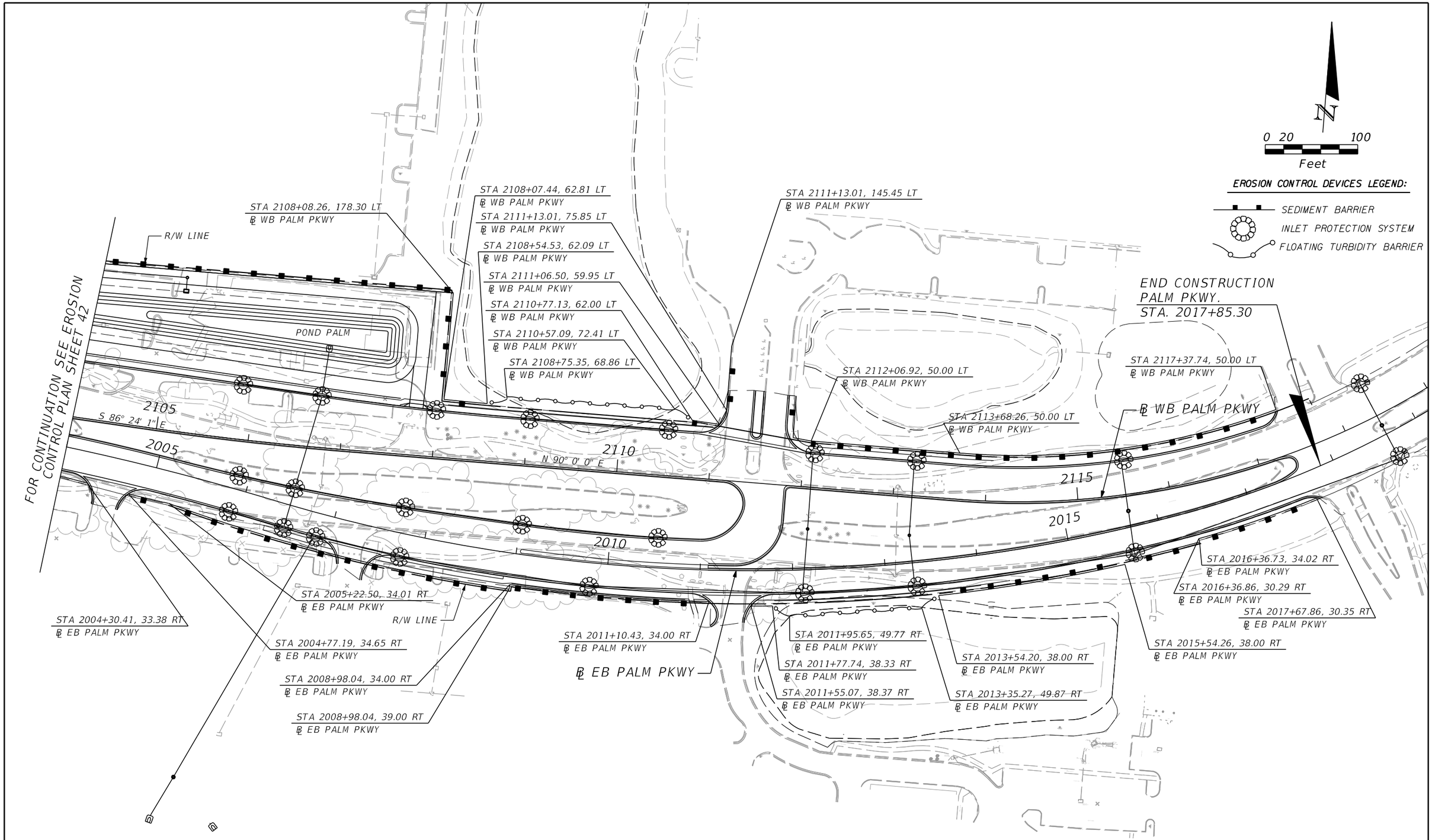

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SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 49

SHEET NO. 1426

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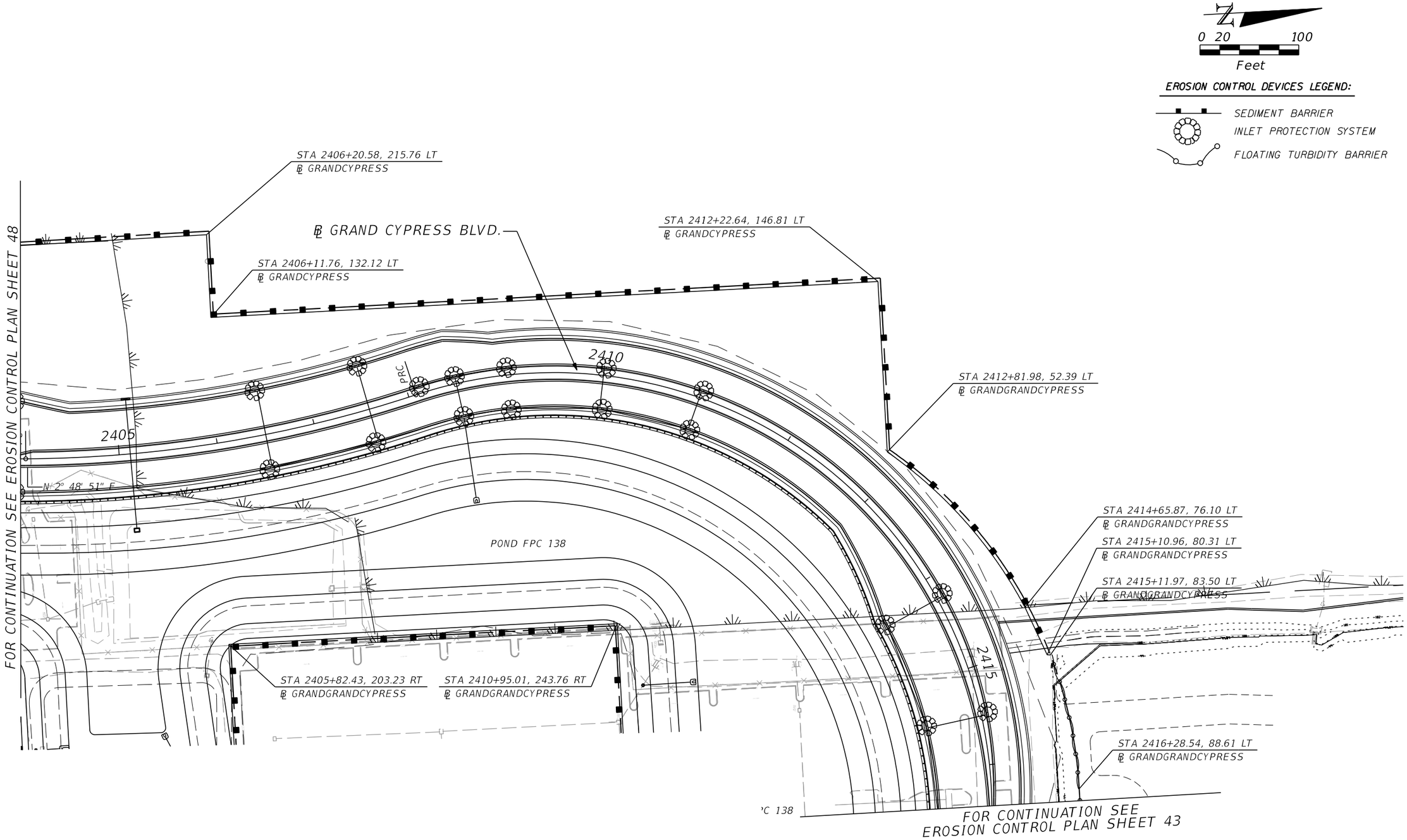

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL. 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 50

SHEET NO.
1427

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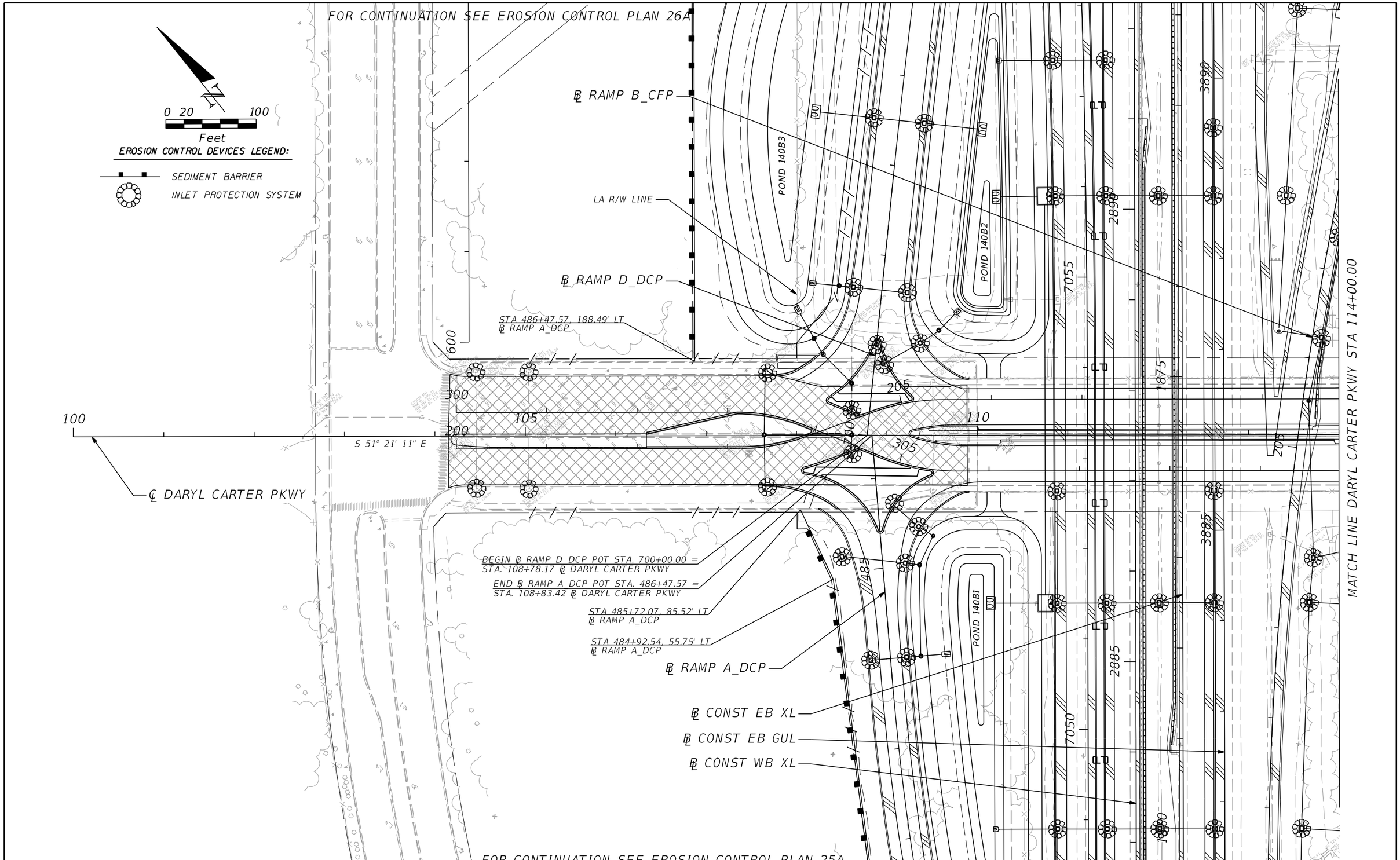

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 51

SHEET NO.
1428

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FOR CONTINUATION SEE EROSION CONTROL PLAN 26

0 20 100
Feet

EROSION CONTROL DEVICES LEGEND:

SEDIMENT BARRIER

INLET PROTECTION SYSTEM

MATCH LINE STA 114+00.00

N 49° 08' 32" E

N 33° 08' 34" E

POND C

LA R/W LINE

STA 600+90.73, 76.06' RT
℄ RAMP C_DCP

STA 600+85.38, 131.81' RT
℄ RAMP C_DCP

STA 600+75.34, 74.59' RT
℄ RAMP C_DCP

R/W LINE

STA 120+98.64, 85.10' LT
℄ DCP

STA 120+98.63, 59.38' LT
℄ DCP

STA 121+54.52, 57.28' LT
℄ DCP

210

315

115

120

125

600

N 33° 08' 34" E

S 51° 21' 11" E

215

310

515

R/W LINE

STA 120+04.59, 74.72' RT
℄ DCP

STA 121+54.52, 69.83' RT
℄ DCP

N 43° 17' 58" E

LA R/W LINE

STA 514+47.03, 88.48' RT
℄ RAMP B_DCP

℄ RAMP C_DCP

STA 514+49.80, 88.48' RT
℄ RAMP B_DCP

STA 514+63.84, 88.48' RT
℄ RAMP B_DCP

STA 514+65.14, 86.89' RT
℄ RAMP B_DCP

STA 514+83.11, 86.89' RT
℄ RAMP B_DCP

44.78' RT

159.84' RT

FOR CONTINUATION SEE EROSION CONTROL PLAN 25

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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150 North Orange Avenue, Suite 200
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 52

SHEET NO. 1429

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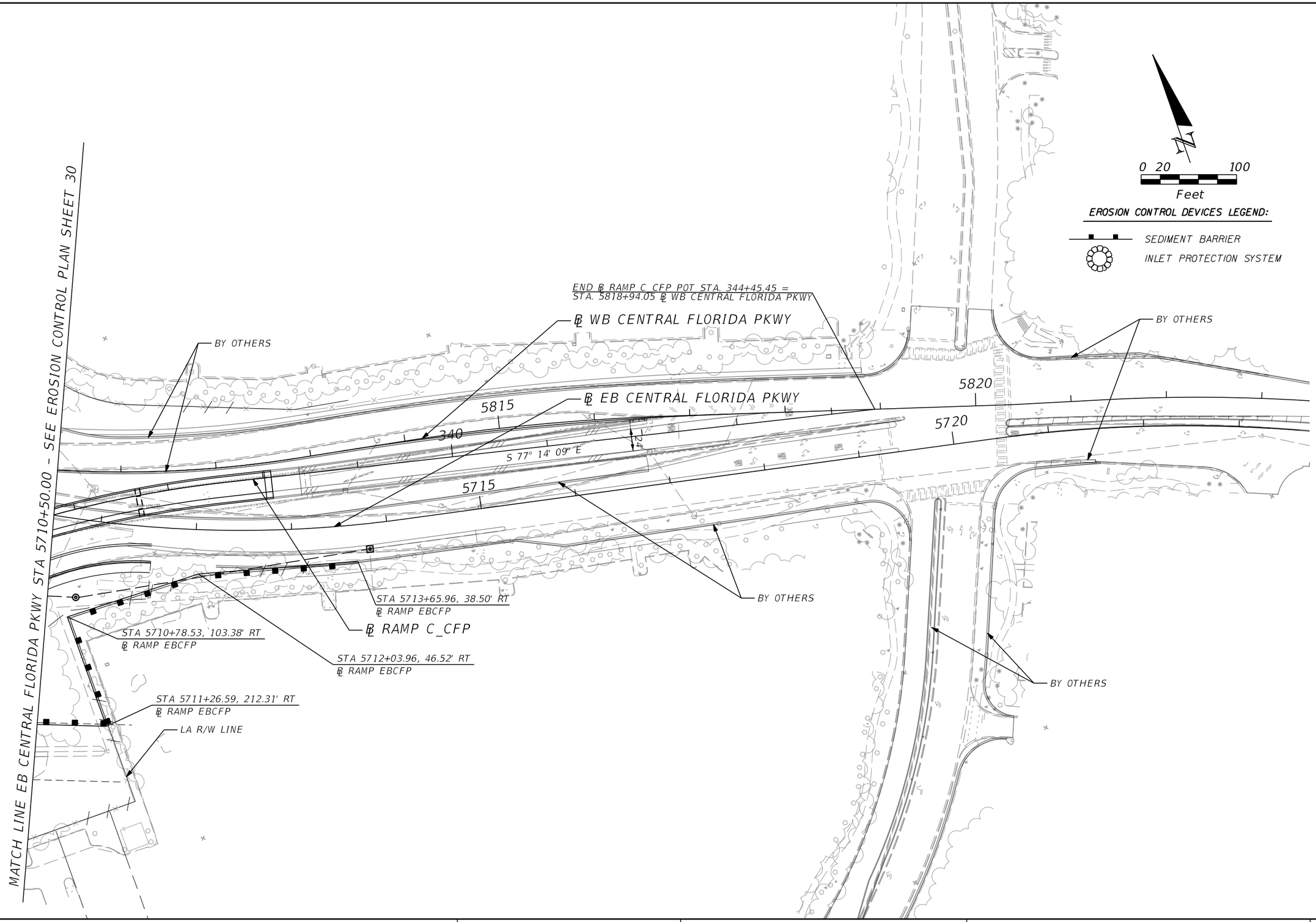

PRELIMINARY: NOT FOR CONSTRUCTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

EROSION CONTROL PLAN SHEET 53

SHEET NO. 1430

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BENCHMARK DESCRIPTIONS:

BM51404001
4'x4" CMON
WITH FDOT 3.5" BRASS DISC STAMPED
"D5 PNC 51404001"
STA 427+98.86', 119.45' RT
EL = 85.07'

BM51404002
4'x4" CMON
WITH FDOT 3.5" BRASS DISC STAMPED
"D5 PNC 51404002"
STA 437+23.49', 259.48' RT
EL = 89.14'

BM51404003
4'x4" CMON
WITH FDOT 3.5" BRASS DISC STAMPED
"D5 PNC 51404003"
STA 447+98.66', 267.49' RT
EL = 87.97'

BM51404004
4'x4" CMON
WITH FDOT 3.5" BRASS DISC STAMPED
"D5 PNC 51404004"
STA 457+90.33', 152.38' RT
EL = 87.10'

BM51404005
4'x4" CMON
WITH FDOT 3.5" BRASS DISC STAMPED
"D5 PNC 51404005"
STA 467+90.61', 145.61' RT
EL = 88.36'

BM51404006
4'x4" CMON
WITH FDOT 3.5" BRASS DISC STAMPED
"D5 PNC 51404006"
STA 478+26.63', 213.09' RT
EL = 90.52'

BM51404007
4'x4" CMON
WITH FDOT 3.5" BRASS DISC STAMPED
"D5 PNC 51404007"
STA 487+86.44', 158.52' RT
EL = 94.96'

BM51404008
4'x4" CMON
WITH FDOT 3.5" BRASS DISC STAMPED
"D5 PNC 51404008"
STA 497+74.91', 218.05' RT
EL = 104.05'

BM51404009
4'x4" CMON
WITH FDOT 3.5" BRASS DISC STAMPED
"D5 PNC 51404009"
STA 507+82.24', 171.34' RT
EL = 101.85'

BM51404010
4'x4" CMON
WITH FDOT 3.5" BRASS DISC STAMPED
"D5 PNC 51404010"
STA 517+79.24', 144.24' RT
EL = 98.90'

BM51404011
4'x4" CMON
WITH FDOT 3.5" BRASS DISC STAMPED
"D5 PNC 51404011"
STA 527+71.57', 143.86' RT
EL = 107.95'

BM51404012
4'x4" CMON
WITH FDOT 3.5" BRASS DISC STAMPED
"D5 PNC 51404012"
STA 537+03.08', 294.32' RT
EL = 113.22'

BM51404013
4'x4" CMON
WITH FDOT 3.5" BRASS DISC STAMPED
"D5 PNC 51404013"
STA 544+69.63', 951.87' RT
EL = 112.77'

BM51404014
4'x4" CMON
WITH FDOT 3.5" BRASS DISC STAMPED
"D5 PNC 51404014"
STA 557+85.13', 318.75' RT
EL = 114.71'

BM51404015
4'x4" CMON
WITH FDOT 3.5" BRASS DISC STAMPED
"D5 PNC 51404015"
STA 567+65.36', 156.81' RT
EL = 108.21'

BM51404016
4'x4" CMON
WITH FDOT 3.5" BRASS DISC STAMPED
"D5 PNC 51404016"
STA 577+38.63', 148.60' RT
EL = 106.36'

BM51404017
4'x4" CMON
WITH FDOT 3.5" BRASS DISC STAMPED
"D5 PNC 51404017"
STA 587+76.85', 157.22' RT
EL = 111.54'

BM51404018
4'x4" CMON
WITH FDOT 3.5" BRASS DISC STAMPED
"D5 PNC 51404018"
STA 597+64.40', 183.21' RT
EL = 116.98'

BM51404021
4'x4" CMON
WITH FDOT DISC STAMPED
"D5 PNC 51404021"
STA 627+48.25', 141.57' RT
EL = 130.18'

BM51404022
4'x4" CMON
WITH FDOT DISC STAMPED
"D5 PNC 51404022"
STA 637+53.96', 141.63' RT
EL = 133.62

PROJECT CONTROL NOTES:

1. THE VERTICAL DATUM USED FOR THIS PLAN SET IS THE NORTH AMERICAN VERTICAL DATUM (NAVD 1988).
2. THE HORIZONTIAL DATUM USED FOR THEI SPLAN SET IS NORTH AMERICAN DATUM OF NAD 1983/90.
3. ANY NAVD 1988 MONUMENT WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED. IF IN DANGER OF DAMAGE, CONTRACTOR SHALL NOTIFY:
   NATIONAL OCEAN SERVICE ADVISOR
   C/O DEPARTMENT OF NATURAL RESOURCES
   BUREAU OF SURVEYING & MAPPING
   3000 COMMONWELTH BOULEVARD
   TALLAHASSEE, FL. 32803
   TELEPHONE (850) 488-2427

LEGEND:

℄	= BASELINE
CMON	= CONCRETE MONUMENT
D5	= DISTRICT FIVE
EL	= ELVATION
FDOT	= FLORIDA DEPARTMENT OF TRANSPORTATION
FND	= FOUND
ID	= IDENTIFICATION
IRC	= IRON ROD AND CAP
LT	= LEFT
LB	= LAND SURVEY BUSINESS REGISTRATION NUMBER
SSMC	= SOUTHEAST SURVEY AND MAPPING
N	= NORTH
E	= EAST
PNC	= PROJECT NETWORK CONTROL
P.O.T.	= POINT ON TANGENT
ND	= NAIL & DISC
PC	= POINT OF COMMENCEMENT
POC	= POINT ON CURVE
PI	= POINT OF INTERSECTION
PT	= POINT OF TANGENT
REF PT	= REFERANCE POINT
RT	= RIGHT
R/W	= RIGHT-OF-WAY

TOWNSHIP 24 SOUTH, RANGE 28 EAST

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
PROJECT CONTROL (1)

SHEET NO.
1431

PRELIMINARY: NOT FOR CONSTRUCTION

0 200 400 800 1200
Scale: 1" = 400'

HORIZONTAL CONTROL

	X	Y	LATITUDE	LONGITUDE	SCALE FACTOR	CONVERGENCE
51403001	485265.352	1459481.275	28-20-51.605	81-31-52.771	.99997465	0-15-08.3
51403002	486223.822	1460679.839	28-22-03.514	81-31-42.103	.99997428	0-15-03.3
51403003	490362.779	1465858.881	28-21-54.970	81-30-56.027	.99997269	0-14-41.8
51403004	491068.058	1466748.738	28-22-03.810	81-30-48.174	.99997242	0-14-38.2

HORIZ: NAV 83/90
VERT: NAVD 88

6 31 | 5 32 | 4 33
31 30 | 32 29 | 33 28
30 19 | 29 20 | 28 21

BEGIN SURVEY SECTION 75280 FP 242484-8
STA 416+12.49 (AH)=
STA 416+06.16 (BK)
END SURVEY SECTION 92130 FP 431456-1
FND 5/8" IRC
"FDOT LB 6556"
N = 1459343.2167
E = 485137.1397

■ 51403001

420

■ 51403002

POT STA 440+00.00
SET 5/8" IRC
"FDOT AECOM LB 7860"
STA 440+01.39
0.75' RT(F)
FND 1/2" IRC
ILLEGIBLE

440

460

N 38°40'50" E

℄ SURVEY SR 400 (I-4)
PER FDOT R/W MAP
SECTION 75280-2412

120

S66°19'40"E

POT STA 101+57.94
N = 1465161.2986
E = 485851.4932
SET 5/8" IRC
"FDOT AECOM LB 7860"

℄ SURVEY SR 536 (EPCOT CENTER DRIVE)
PER FDOT R/W MAP
SECTION 75000-2520
SECTION 75000-2528

℄ SURVEY SR 536
STA 133+45.17=
℄ SURVEY SR 400
STA 474+26.15
FND 5/8" IRC
"5/8 T"

135

480

POT STA 480+00.00
SET 5/8" IRC
"FDOT AECOM LB 7860"
STA 480+01.70
0.52' RT(F)
FND 1/2" IRC (BENT)
"GREINER LB 2"

140

PI STA=143+61.03
Δ=19°27'55" LT
R=2864.79'
T=491.37'
L=973.27'
PC STA=138+69.66
PT STA=148+42.93
PI N = 1463473.7353
E = 489700.9246

PC STA 138+69.66
SET 5/8" IRC
"FDOT AECOM LB 7860"

PT STA 148+42.93
FND 1" IRON PIPE
NO ID

S 85°47'35" E

■ 51403003

500

POT STA 500+00.00
SET 5/8" IRC
"FDOT AECOM LB 7860"
STA 500+01.56
0.21' RT(F)
FND 1/2" IRC
"URSG LB 6839"

N 38°40'50" E

■ 51403004

OSCEOLA COUNTY
ORANGE COUNTY

TOWNSHIP 25 SOUTH, RANGE 28 EAST
TOWNSHIP 24 SOUTH, RANGE 28 EAST

LEGEND:
IRC : IRON ROD & CAP
FDOT : FLORIDA DEPARTMENT OF TRANSPORTATION
LB : LAND SURVEY BUSINESS REGISTRATION NUMBER
SSMC : SOUTHEAST SURVEY AND MAPPING
N : NORTH
E : EAST
P.O.T. : POINT ON TANGENT
R/W : RIGHT-OF-WAY
ND : NAIL & DISC
PC : POINT OF COMMENCEMENT
POC : POINT ON CURVE
PI : POINT OF INTERSECTION
PT : POINT OF TANGENT
℄ : BASELINE

MATCHLINE (SEE SHEET 02)

TOWNSHIP 24 SOUTH, RANGE 28 EAST

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS			
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Orlando, FL, 32801
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www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
PROJECT CONTROL (2)

SHEET NO. 1432

mike.s.phillips 2/24/2021 9:14:36 PM c:\pwworking\aecom_na\msphillips\dms28341\CTLSRD02.dgn

MATCHLINE (SEE SHEET 01)

S 89°40'06" E

2646.90'(F)

TOWNSHIP 25 SOUTH, RANGE 28 EAST

TOWNSHIP 24 SOUTH, RANGE 28 EAST

OSCEOLA COUNTY

ORANGE COUNTY

4 | 33
3 | 34

33 | 28
34 | 27

28 | 21
27 | 22

3 | 34
2 | 35

34 | 27
35 | 26

27 | 22
26 | 23

TOWNSHIP 24 SOUTH, RANGE 28 EAST

160

180

200

210

POT STA 160+00.00
SET 5/8" IRC
"FDOT AECOM LB 7860"

PI STA 515+01.36
Δ=00°00'57" LT
FND 1/2" IRC
"URSG LB 6839"
N=1467062.8942
E=491317.4523

℄ SURVEY SR 400 (I-4)
PER FDOT R/W MAP
SECTION 75280-2412
SECTION 75280-2413

520

N 38°39'53" E

540

560

680

N 09°56'14" W

660

640

PT STA 630+99.37

N 09°57'22" W

PC STA 617+52.40

620

℄ SURVEY SR 535
SECTION 75560-2610
SECTION 75000-2528

℄ SURVEY SR 536
PER FDOT R/W MAP
SECTION 75000-2520
SECTION 75000-2528

℄ SURVEY SR 400 (I-4)
PER FDOT R/W MAP
SECTION 75280-2413

N 38°39'53" E

STA 580+01.25
FND 5/8" IRC
"SSMC LB 2108"

580

600

N 36°53'44" W

2638.65'(F)

PI STA=624+38.57
Δ=26°56'22" RT
R=2864.79'
T=686.17'
L=1346.97'
PC STA=617+52.40
PT STA=630+99.37
PI N=1465244.4263
E=494785.2797

℄ SURVEY SR 536
POT STA 211+58.37=
℄ SURVEY SR 535
POT STA 596+00.07
N = 1462974.3898
E = 496489.3962

℄ SURVEY SR 400 (I-4)

℄ SURVEY SR 400 (I-4)
STA 556+34.35
℄ SURVEY SR 535
PI STA 675+35.92
Δ=00°01'08" RT

N 38°39'53" E

N 09°56'14" W

N 09°57'22" W

N 38°39'53" E

℄ SURVEY SR 535

STA 580+00.09
0.14' RT(F)
FND 1/2" IR
NO ID

POT STA 569+55.78
N = 1460859.6664
E = 498076.9192

MATCHLINE (SEE SHEET 03)

LEGEND:
IRC : IRON ROD & CAP
FDOT : FLORIDA DEPARTMENT OF TRANSPORTATION
LB : LAND SURVEY BUSINESS REGISTRATION NUMBER
SSMC : SOUTHEAST SURVEY AND MAPPING
N : NORTH
E : EAST
P.O.T. : POINT ON TANGENT
R/W : RIGHT-OF-WAY
ND : NAIL & DISC
PC : POINT OF COMMENCEMENT
POC : POINT ON CURVE
PI : POINT OF INTERSECTION
PT : POINT OF TANGENT
℄ : BASELINE

PRELIMINARY: NOT FOR CONSTRUCTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
PROJECT CONTROL (3)

SHEET NO.
1433

mike.s.phillips 2/24/2021 9:14:37 PM c:\pwworking\aecom_na\msphillips\dms28341\CTLSRD03.dgn

POT STA 122+16.59
N = 1473422.9978
E = 490751.5444

℄ SURVEY CR 535
(WINTER GARDEN-VINELAND RD)
ORANGE COUNTY CR 535
R/W MAP #27930
GRAND CYPRESS RESORT
PH I, PB 31, PG 71

N 87°28'29" W

S 89°38'47" E 2685.66'(F)

PT STA 994+38.34

PCC STA
984+93.97

PC STA 1005+67.04

PT STA 1022+66.04

℄ SURVEY CR 435 (APOPKA-VINELAND RD)
ORANGE COUNTY ENGINEER DRAWING #82-023
ORANGE COUNTY ROAD BOND PROJECT No. 24,
SECTION A & D
ORANGE COUNTY APOPKA-VINELAND RD R/W
MAP #N078W LAKE AVE TO SAND LAKE RD

N 04°22'36" E

N 32°13'50" E

PC STA 1025+32.28

N 00°02'40" W

POT STA 1055+15.11
N = 1480649.2957
E = 494403.8484

S 89°57'07" E

MATCHLINE (SEE SHEET 02)

℄ SURVEY SR 400 (I-4)
PER FDOT R/W MAP
SECTION 75280-2413

STA 600+01.98
0.16' LT(F)
FND 5/8" IR
NO ID

END SURVEY PROJECT
FP 242484-8
POT STA 620+83.22
NO POINT FND OR SET
FALLS IN TRAVEL LANE
N = 1475325.3801
E = 497928.5830

STA 620+01.25
FND 5/8" IRC
"SSMC LB 2108"

■ NGAK1775

■ 51403005

S 89°30'09" E 2635.98'(F)

TOWNSHIP 24 SOUTH, RANGE 28 EAST

N 87°28'29" W CR 535

℄ SURVEY SR 535
POT STA 705+99.35=
℄ SURVEY CR 535
POT STA 95+94.65
N = 1473307.4766
E = 493370.9351

N 09°56'14" W
SR 535

30.73'(M10)
30.83'(F)

N 09°56'14" W CR 435

PC STA 980+13.22

℄ SURVEY CR 435
POT STA 979+71.38

℄ SURVEY CR 535
POT STA 95+63.82
N = 1473306.1181
E = 493401.7399

℄ SURVEY SR 400 (I-4)

℄ SURVEY SR 400 (I-4)
STA 556+34.35
℄ SURVEY CR 535
PI STA 675+35.92
Δ=00°01'08" RT

N 38°39'53" E

N 09°56'14" W

N 09°57'22" W

℄ SURVEY SR 535

N 38°39'53" E

LEGEND:
IRC : IRON ROD & CAP
FDOT : FLORIDA DEPARTMENT OF TRANSPORTATION
LB : LAND SURVEY BUSINESS REGISTRATION NUMBER
SSMC : SOUTHEAST SURVEY AND MAPPING
N : NORTH
E : EAST
P.O.T. : POINT ON TANGENT
R/W : RIGHT-OF-WAY
ND : NAIL & DISC
PC : POINT OF COMMENCEMENT
POC : POINT ON CURVE
PI : POINT OF INTERSECTION
PT : POINT OF TANGENT
℄ : BASELINE

PI STA=982+54.14
Δ=09°25'50" RT
R=2920.82'
T=240.92'
L=480.76'
PC STA=980+13.22
PCC STA=984+93.97
PI N=1473584.6388
E=493352.9444

PI STA=989+66.44
Δ=04°52'59" RT
R=11080.57'
T=472.47'
L=944.37'
PCC STA=984+93.97
PT STA=994+38.34
PI N=1474298.0047
E=493346.6392

PI STA=1014+33.68
Δ=27°51'13" RT
R=3494.91'
T=866.64'
L=1699.01'
PC STA=1005+67.04
PT STA=1022+66.04
PI N=1476758.6116
E=493534.9692

PI STA=1030+32.23
Δ=32°16'30" LT
R=1727.89'
T=499.95'
L=973.33'
PC STA=1025+32.28
PT STA=1035+05.60
PI N=1478139.8339
E=494405.7962

HORIZONTAL CONTROL

	X	Y	LATTITUDE	LONGITUDE	SCALE FACTOR	CONVERGENCE
NGAK1775	498262.859	1475510.8095	28-23-30.86253	81-29-28.03576	.99996975	0-14-00.8
51403005	498827.235	1476270.226	28-23-38.40438	81-29-21.75121	.99996955	0-13-57.8

HORIZ: NAV 83/90
VERT: NAVD 88

PRELIMINARY: NOT FOR CONSTRUCTION

REVISIONS

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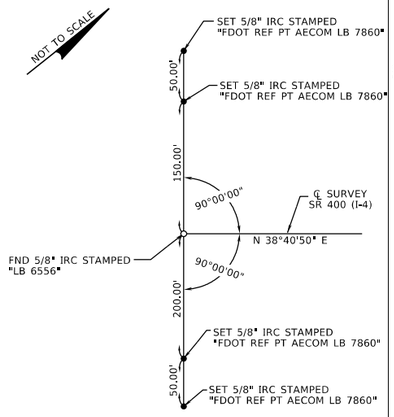
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

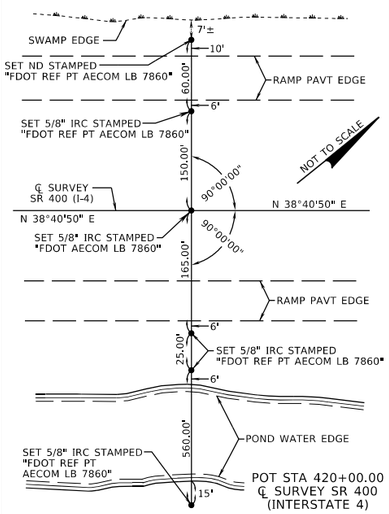
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
PROJECT CONTROL (4)

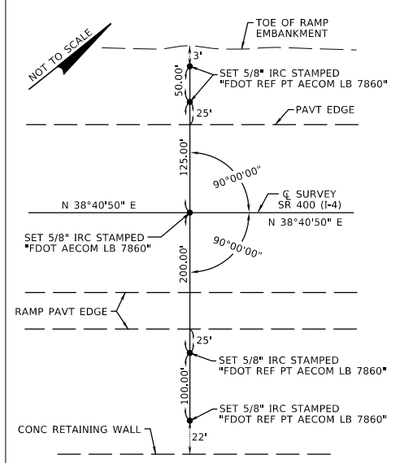
SHEET NO. 1434



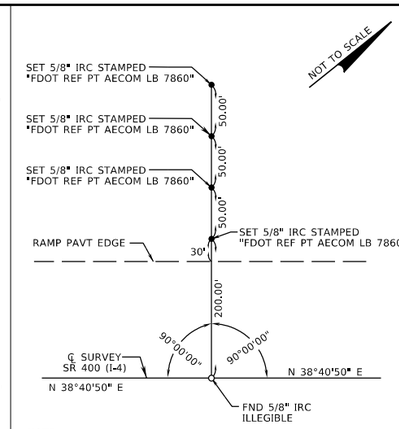
BEGIN SURVEY SECTION 75280 FP 242484-8
STA 416+12.49 (AH)=
STA 416+06.16 (BK)
END SURVEY SECTION 92130 FP 413456-1
℄ SURVEY SR 400
(INTERSTATE 4)



POT STA 420+00.00
℄ SURVEY SR 400
(INTERSTATE 4)

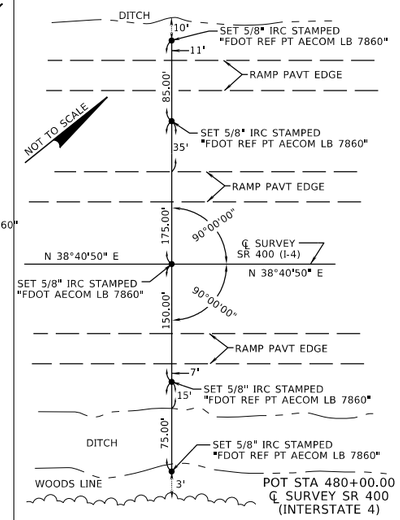


POT STA 440+00.00
℄ SURVEY SR 400
(INTERSTATE 4)

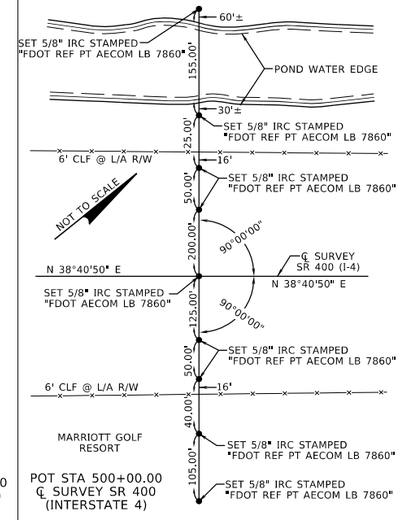


NOTE:
FALLS IN I-4/SR 536 INTERCHANGE
COULD ONLY SET IN 1 DIRECTION

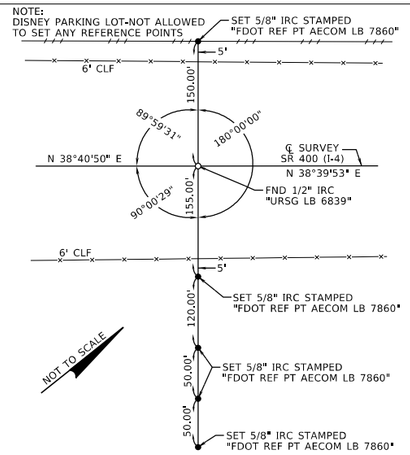
POT STA 460+02.16
℄ SURVEY SR 400
(INTERSTATE 4)



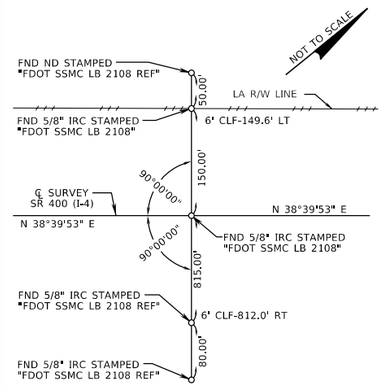
POT STA 480+00.00
℄ SURVEY SR 400
(INTERSTATE 4)



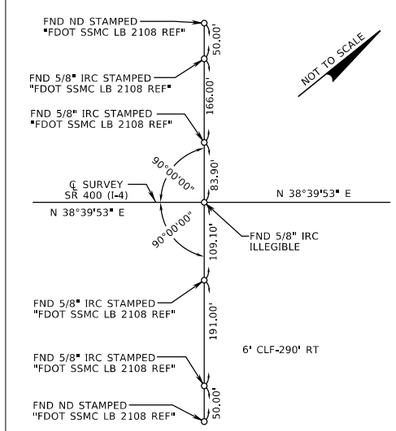
POT STA 500+00.00
℄ SURVEY SR 400
(INTERSTATE 4)



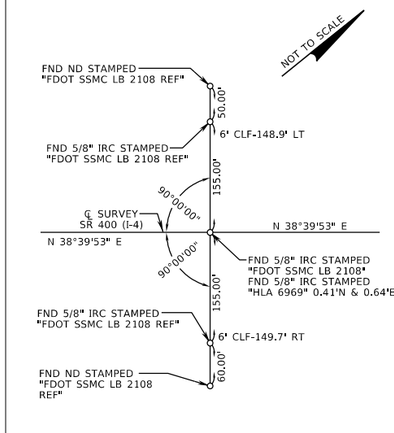
PI STA 515+01.36
Δ=00°00'57" LT
℄ SURVEY SR 400
(INTERSTATE 4)



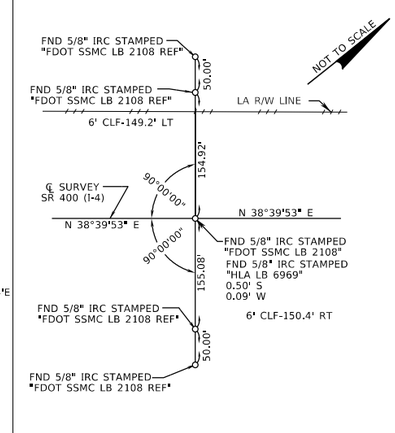
POT STA 543+01.03
℄ SURVEY SR 400
(INTERSTATE 4)



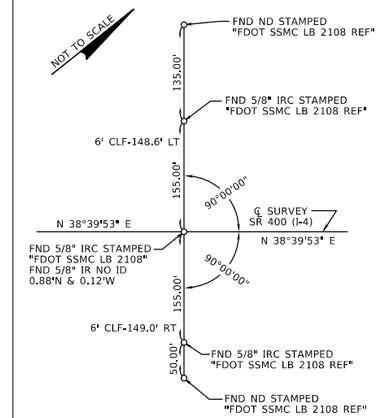
POT STA 560+01.31
℄ SURVEY SR 400
(INTERSTATE 4)



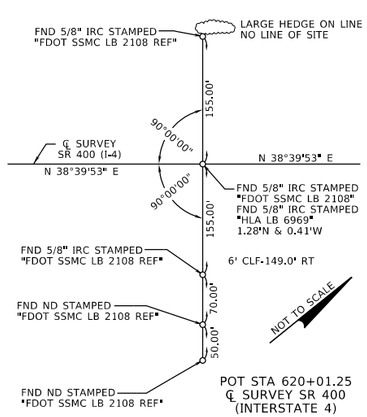
POT STA 580+01.25
℄ SURVEY SR 400
(INTERSTATE 4)



POT STA 598+69.18
℄ SURVEY SR 400
(INTERSTATE 4)



POT STA 610+01.26
℄ SURVEY SR 400
(INTERSTATE 4)



POT STA 620+01.25
℄ SURVEY SR 400
(INTERSTATE 4)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AECOM TECHNICAL SERVICES, Inc.
150 North Orange Avenue, Suite 200
Orlando, FL, 32801
T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

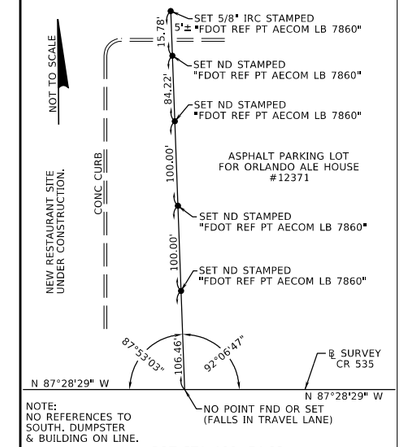
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
PROJECT CONTROL (5)

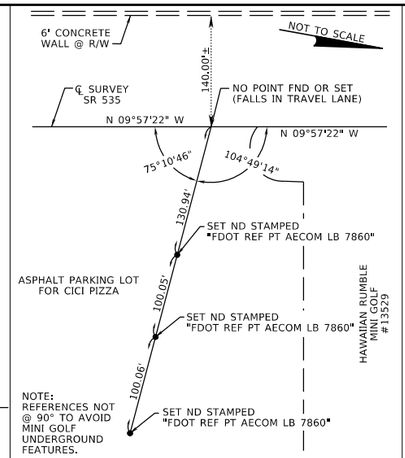
SHEET NO.
1435

PRELIMINARY: NOT FOR CONSTRUCTION

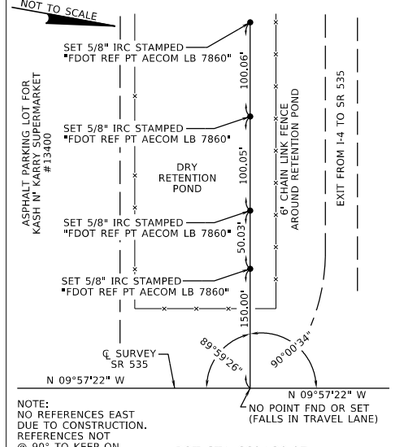
mike.s.phillips 2/24/2021 9:14:41 PM c:\pwworking\aecom_na\msphillips\dms28341\CTLSRD05.dgn



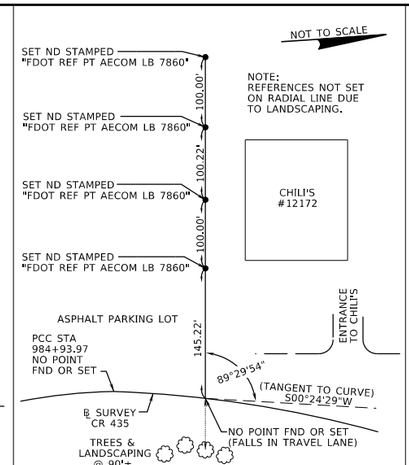
POT STA 100+74.83
℄ SURVEY CR 535



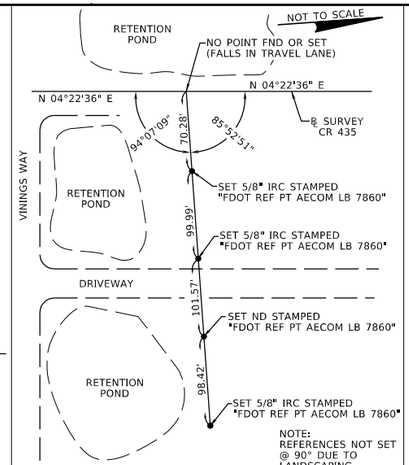
BEGIN ALIGNMENT STA 640+07.85
℄ SURVEY SR 535



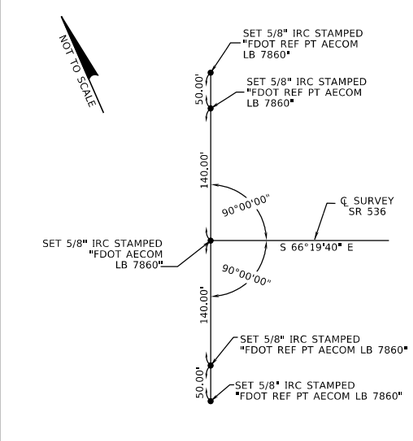
POT STA 660+30.07
℄ SURVEY SR 535



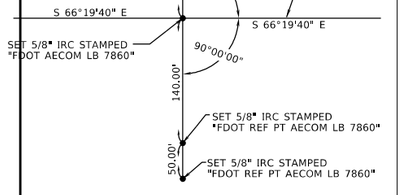
POC STA 986+70.82
℄ SURVEY CR 435



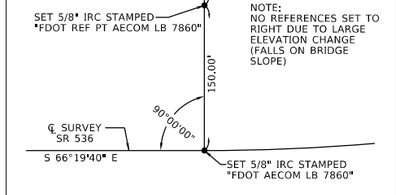
POT STA 995+70.88
℄ SURVEY CR 435



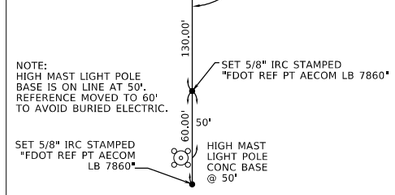
BEGIN ALIGNMENT STA 101+57.94
℄ SURVEY SR 536



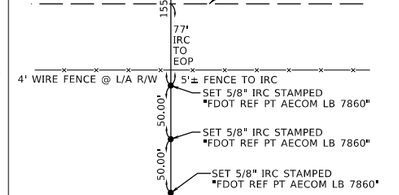
POT STA 120+00.00
℄ SURVEY SR 536



PC STA 138+69.66
℄ SURVEY SR 536



PT STA 148+42.93
℄ SURVEY SR 536



POT STA 160+00.00
℄ SURVEY SR 536

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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T 407.843.6552 F 407.839.1789
Certificate of Authorization No. 8115
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-8-52-01

SR 400 (I-4)
PROJECT CONTROL (6)

SHEET NO. 1436

PRELIMINARY: NOT FOR CONSTRUCTION