CONTRACT PLANS COMPONENTS

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNALIZATION PLANS
INTELLIGENT TRANSPORTATION SYSTEMS PLANS
LIGHTING PLANS
STRUCTURAL PLANS

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SQ-1 - SQ-54	SUMMARY OF QUANTITIES

GOVERNING DESIGN STANDARDS:

Florida Department of Transportation, FY 2020-2021 eStandard Plans for Road and: Bridge Construction and applicable Interim Revisions (IRs)

Standard Plans for Road Construction and associated IRs are available at the following website: http://www.fdot.gov/design/standardplans

Standard Plans for Bridge Construction are included in the Structures Plans

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, January 2021 Standard Specifications for Road and Bridge Construction at the following website: http://www.fdot.gov/programmanagement/Implemented/SpecBooks

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

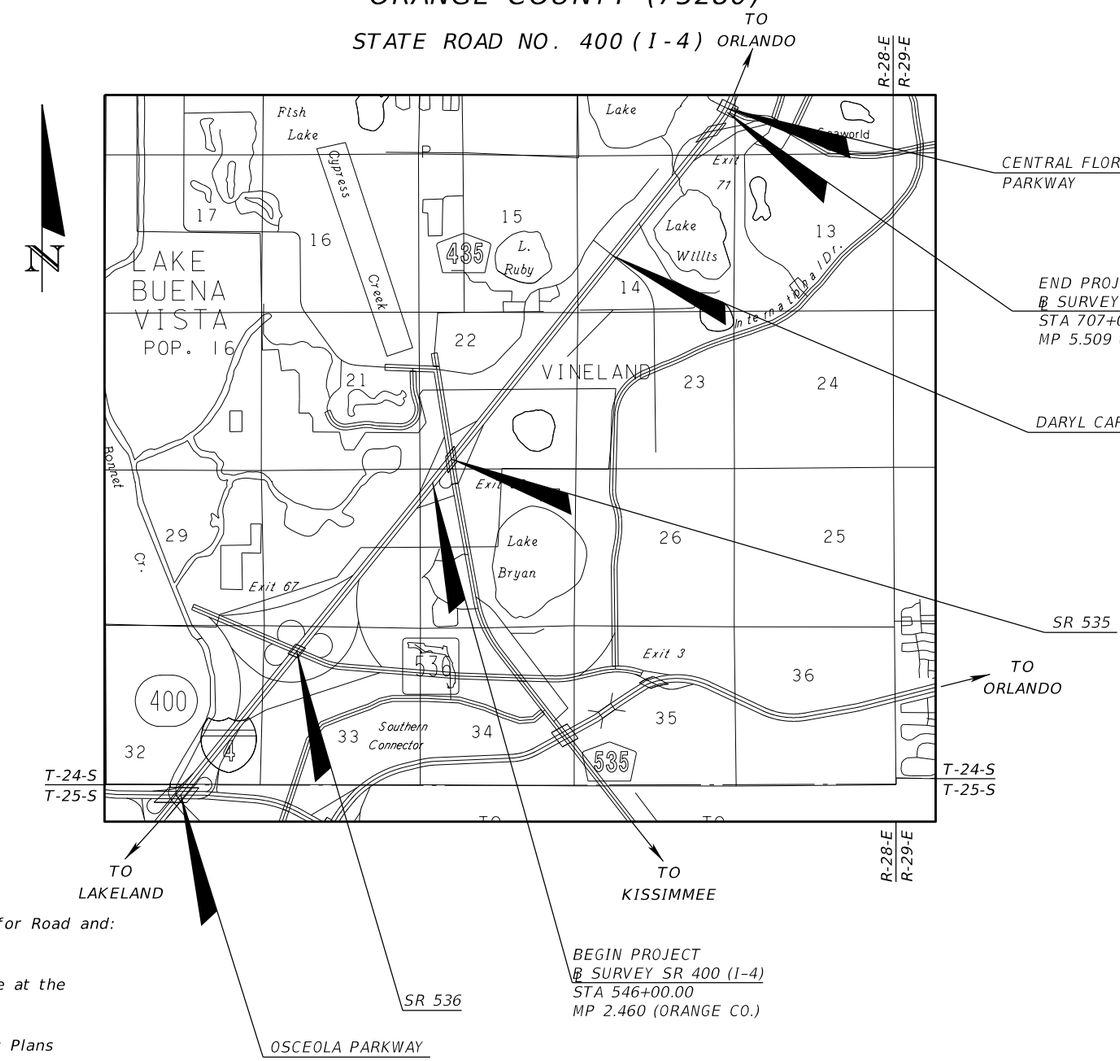
CONTRACT PLANS

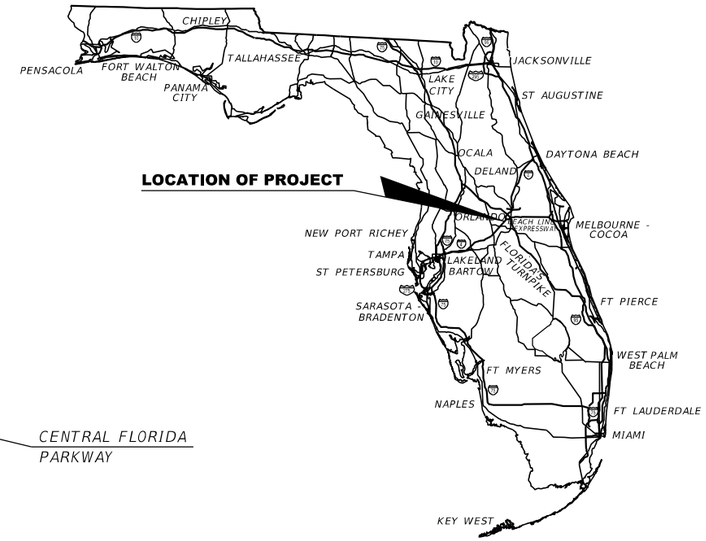
FINANCIAL PROJECT ID 441113-1-52-01

(FEDERAL FUNDS)

ORANGE COUNTY (75280)

STATE ROAD NO. 400 (I-4)





100% (PHASE IV)
PLANS
APRIL 2020

ROADWAY PLANS ENGINEER OF RECORD:

Michael S. Phillips, P.E. No. 61806
AECOM Technical Services, Inc.
150 N. Orange Avenue, Suite 200
Orlando, FL. 32801
T 407.843.6552 F 407.839.1789

FDOT PROJECT MANAGER:

Su Hao, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
TBD	21	1

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THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

MICHAEL SCOTT PHILLIPS
LICENSE
No 61806
STATE OF FLORIDA
PROFESSIONAL ENGINEER

ON THE DATE ADJACENT TO THE SEAL

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ORLANDO, FL 32801-1949
MICHAEL SCOTT PHILLIPS, P.E. NO. 61806

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

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383 - 500	ROADWAY CROSS SECTIONS
554 - 588, 590 - 597, 599 - 673	TEMPORARY TRAFFIC CONTROL PLAN
SQ-1 - SQ-54	SUMMARY OF QUANTITIES

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

TUY DUONG
LICENSE
No 66461
STATE OF FLORIDA
PROFESSIONAL ENGINEER

ON THE DATE ADJACENT TO THE SEAL

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TUY DUONG, P.E. NO. 66461

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360 - 371	LATERAL DITCH 2 CROSS SECTIONS
512 - 550	POND CROSS SECTIONS
551 - 553	STORMWATER POLLUTION PREVENTION PLAN
589, 598	TEMPORARY TRAFFIC CONTROL PLAN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SIGNATURE SHEET

SHEET NO. 2

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ZAN C. BATES
LICENSE
No 49917
STATE OF FLORIDA
PROFESSIONAL ENGINEER

ON THE DATE ADJACENT TO THE SEAL

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ARDAMAN AND ASSOCIATES
8008 S. ORANGE AVE
ORLANDO, FL 32809
ZAN C. BATES, P.E. NO. 49917

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
375-382	ROADWAY SOIL SURVEY

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

SUSANNE S. WILLIAMS
LICENSE
No 49486
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PROFESSIONAL ENGINEER

ON THE DATE ADJACENT TO THE SEAL

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TRAFFIC ENGINEERING DATA SOLUTIONS, INC.
80 SPRING VISTA DRIVE
DEBARY, FL 32713
SUSANNE S. WILLIAMS, P.E. NO. 49486

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004 F.A.C.

SHEET NO.	SHEET DESCRIPTION
156-157	TRAFFIC MONITORING SITE
674	TEMPORARY SIGNAL PLAN

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ERROL S. ABDULLA
LICENSE
No 74803
STATE OF FLORIDA
PROFESSIONAL ENGINEER

ON THE DATE ADJACENT TO THE SEAL

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AWK CONSULTING ENGINEERS, INC
6457 HAZELTINE NATIONAL DRIVE
SUITE 150
ORLANDO, FL 32822
ERROL S. ABDULLA, P.E. NO. 74803

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
501-511	ROADWAY SOIL SURVEY - PONDS

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

THOMAS M. PRIDGEN
LICENSE
No 18495
STATE OF FLORIDA
PROFESSIONAL ENGINEER

ON THE DATE ADJACENT TO THE SEAL

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ALTAMONTE SPRINGS, FL 32701
THOMAS M. PRIDGEN, P.E. NO. 18495

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
675	UTILTIY GENERAL NOTES
676-694	UTILITY ADJUSTMENT PLANS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SIGNATURE SHEET

SHEET NO. 3

FLORIDA DEPARTMENT OF TRANSPORTATION
PROPSAL SUMMARY OF PAY ITEMS

PROJECT : 441113-1-52-01 | DISTRICT : 05 | COUNTY/SECTION : 75280

COUNTY : ORANGE

0001 SUMMARY OF STRUCTURES

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	44111315201 BRIDGE 64 750956	44111315201 BRIDGE 63 754115	MAINLINE	QUANTITY TOTAL
		0400- 2- 4	CONC CLASS II, BRIDGE SUPERSTRUCTURE	CY	758.0	224.0	0	982.0
		0400- 2- 10	CONCRETE CLASS II, APPROACH SLABS	CY	103.6	71.5	0	175.1
		0400- 4- 5	CONCRETE CLASS IV, BRIDGE SUBSTRUCTURE	CY	56.6	0	0	56.6
		0400- 4- 25	CONCRETE CLASS IV, MASS, SUBSTRUCTURE	CY	2444.8	0	0	2444.8
		0400- 9-	BRIDGE DECK GROOVING & PLANING, DECK 8.5" AND GREATER	SY	2787	1089.00	0	3876
		0400- 147-	COMPOSITE NEOPRENE PADS	CF	24.7	0	0	24.7
		0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB	174694	36098	0	210792
		0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB	785651	0	0	785651
		0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB	18896	16218	0	35114
		0450- 2- 36	PREST BEAMS: FLORIDA-I BEAM 36"	LF	2948	0	0	2948
		0455- 34- 5	PRESTRESSED CONCRETE PILING, 24" SQ	LF	4569	0	0	4569
		0455- 143- 5	TEST PILES-PRESTRESSED CONCRETE,24" SQ	LF	576	0	0	576
		0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF	213	33	0	246
		0459- 71-	PILES, POLYETHYLENE SHEETING	SY	141	0	0	141
		520- 5- 52	TRAFFIC SEPERATOR CONCRETE - TYPE V, 6' WIDE	LF	0	189	0	189
		0521- 5- 13	CONCRETE TRAFFIC RAILING, BRIDGE 36" SINGLE SLOPE	LF	1366	1724	0	3090
		0521- 8- 7	CONCRETE BARRIER, WITH JUNCTION SLAB, 36" SINGLE SLOPE	LF	0	0	3734.4	3734
		0524- 2- 2	CONCRETE SLOPE PAVEMENT,NON REINFORCED, 4"	SY	28.6	0	0	29
		0548- 12	RETAINING WALL SYSTEM, PERMANENT, EXCLUDING BARRIER	SF	0	0	71414	71414
		0630- 2- 16	RETAINING WALL SYSTEM, PERMANENT, EXCLUDING BARRIER	LF	4098	5172	11202	20472

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REVISIONS

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PROJECT SUMMARY OF PAY ITEMS

SHEET NO. 4

FLORIDA DEPARTMENT OF TRANSPORTATION
PROPSAL SUMMARY OF PAY ITEMS

PROJECT : 441113-1-52-01 | DISTRICT : 05 | COUNTY/SECTION : 75280

COUNTY : ORANGE

0002 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT				QUANTITY TOTAL
		0101- 1-	MOBILIZATION	LS				1
		0102- 1-	MAINTENANCE OF TRAFFIC	LS/DA				934
		0102- 14-	TRAFFIC CONTROL OFFICER	HR				296
		0102- 60-	WORK ZONE SIGN	ED				26478
		0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF				28234
		0102- 71- 25	TEMPORARY BARRIER, RELOCATE, ANCHORED	LF				42887
		0102- 115	TYPE III BARRICADE	ED				90750
		0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED				98
		0102-74- 8	CHANNELIZIING DEVICE- PEDESRIAN LCD (LONGITUDINAL CHANNELING DEVICE)	FD				350963
		102- 76-	ARROW BOARD/ ADVANCED WARNING ARROW PANEL	ED				394
		0102- 78-	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA				6431
		0102- 89 - 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO				19
		0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED				2162
		0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED				98
		0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED				98
		0102- 2200	SPECIAL DETOUR TEMPORARY PAVEMENT	LS/SY				2823
		0102- 2300	SPECIAL DETOUR TEMPORARY EARTHWORK/BASE	LS/CY				4208.6
		0102- 9111	PAVEMENT MAKEING REMOVABLE TAPE, WHITE, SKIP	LF				0.095
		0102- 9112	PAVEMENT MAKEING REMOVABLE TAPE, WHITE, SOLID	LF				0.095
		0102- 9122	PAVEMENT MAKEING REMOVABLE TAPE, YELLOW, SOLID	LF				0.095
		0104- 10- 3	SEDIMENT BARRIER	LF				22567
		0104- 11-	FLOATING TURBIDITY BARRIER	LF				3289
		0104- 12-	STAKED TURBIDITY BARRIER- NYLON REINFORCED PVC	LF				810
		0104- 18-	INLET PROTECTION SYSTEM	EA				308
		0107- 1-	LITTER REMOVAL AND DISPOSAL	AC				108.50
		0107- 2-	MOWING	AC				109.51
P		0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING	LS				1
P		0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING	LS				1
P		0108- 3-	MONITOR EXISTING STRUCTURES- GROUNDWATER MONITORING	LS				1
		0110- 1- 1	CLEARING & GRUBBING	AC				96.72
		0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY				1784
		0120- 1-	REGULAR EXCAVATION	CY				514401.0
		0120- 4-	SUBSOIL EXCAVATION	CY				5976.0
		0120- 6-	EMBANKMENT	CY				461279.0

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REVISIONS

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PROJECT SUMMARY OF PAY ITEMS

SHEET NO. 5

FLORIDA DEPARTMENT OF TRANSPORTATION
PROPSAL SUMMARY OF PAY ITEMS

PROJECT : 441113-1-52-01 | DISTRICT : 05 | COUNTY/SECTION : 75280

COUNTY : ORANGE

0002 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT				QUANTITY TOTAL
		0160- 4-	TYPE B STABILIZATION	SY				104572
		0285-703-	OPTIONAL BASE, BASE GROUP 03	SY				3465
		0285-704-	OPTIONAL BASE, BASE GROUP 04	SY				3234
		0285-705-	OPTIONAL BASE, BASE GROUP 05	SY				16612
		0285-710-	OPTIONAL BASE, BASE GROUP 10	SY				1628
		0285-711-	OPTIONAL BASE, BASE GROUP 11	SY				20674
		0285-712-	OPTIONAL BASE, BASE GROUP 12	SY				21839
		0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY				34328
		0327- 70- 13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	SY				353
		0327- 70- 19	MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH	SY				124096
		0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN				9508.4
		0334- 1- 14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	TN				2156.3
		0334- 1- 15	SUPERPAVE ASPHALTIC CONC, TRAFFIC E	TN				1198.8
		0334- 1- 54	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC D, PG76-22	TN				2195.0
		0334- 1- 55	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC E, PG76-22	TN				2397.6
		0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN				6330.2
		0337- 7- 82	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22	TN				501.9
		0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	TN				1126.9
		0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN				436.8
		0425- 1-311	INLETS, CURB, TYPE P-1, <10'	EA				12
		0425- 1-321	INLETS, CURB, TYPE P-2, <10'	EA				1
		0425- 1-551	INLETS, DT BOT, TYPE E, <10'	EA				46
		0425- 1-552	INLETS, DT BOT, TYPE E, >10'	EA				2
		0425- 1-553	INLETS, DT BOT, TYPE E, J BOT, <10'	EA				15
		0425- 1-554	INLETS, DT BOT, TYPE E, J BOT, >10'	EA				12
		0425- 1-559	INLETS, DT BOT, TYPE E, MODIFY, <10'	EA				5
		0425- 1-559	INLETS, DT BOT, TYPE E, MODIFY, >10'	EA				2
		0430- 400-060	WINGED CONCRETE ENDWALLS, U-SHAPE, 60"	CY				34.5
		0430-518-100	STRAIGHT CONCRETE ENDWALLS, 18", SINGLE, 0 DEGREES, ROUND	CY				3.1
		0430-524-100	STRAIGHT CONCRETE ENDWALLS, 24", SINGLE, 0 DEGREES, ROUND	CY				4.5
		0430-566-100	STRAIGHT CONCRETE ENDWALLS, 66", SINGLE, 0 DEGREES, ROUND	CY				13.2
		415- 1- 1	REINFORCING STEEL- ROADWAY	LB				4
		0430-830	FILLING AND PLUGGING PIPE	CY				52.0

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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	441113-1-52-01

PROJECT SUMMARY OF PAY ITEMS

SHEET NO. 6

FLORIDA DEPARTMENT OF TRANSPORTATION
PROPSAL SUMMARY OF PAY ITEMS

PROJECT : 441113-1-52-01 | DISTRICT : 05 | COUNTY/SECTION : 75280

COUNTY : ORANGE

0002 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT				QUANTITY TOTAL
		0425- 1-701	INLETS, GUTTER, TYPE S, <10'	EA				92
		0425- 1-702	INLETS, GUTTER, TYPE S, >10'	EA				2
		0425- 1-703	INLETS, GUTTER, TYPE S, J BOTTOM <10'	EA				17
		0425- 1-704	INLETS, GUTTER, TYPE S, J BOTTOM, >10'	EA				6
		0425- 1-891	INLETS, BARRIER WALL, <10'	EA				47
		0425- 1-892	INLETS, BARRIER WALL, >10'	EA				4
		0425- 1-893	INLETS, BARRIER WALL, J BOT, <10'	EA				10
		0425- 1-894	INLETS, BARRIER WALL, J BOT, >10'	EA				14
		0425- 2- 41	MANHOLES, P-7, <10'	EA				14
		0425- 2- 42	MANHOLES, P-7, >10'	EA				1
		0425- 2- 71	MANHOLES, J-7, <10'	EA				21
		0425- 2-72	MANHOLES, J-7, >10'	EA				42
		0425- 2- 91	MANHOLES, J-8, <10'	EA				1
		0425- 2-92	MANHOLES, J-8, >10'	EA				8
		0425- 5	MANHOLES, ADJUST (MODIFIED TOP)	EA				4
		0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL,ROUND, 18"S/CD	LF				12995
		0430-175-124	PIPE CULVERT, OPTIONAL MATERIAL,ROUND, 24"S/CD	LF				5815
		0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF				5127
		0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF				668
		0430-175-142	PIPE CULVERT, OPT MATERIAL, ROUND, 42"S/CD	LF				1016
		0430-175-148	PIPE CULVERT, OPT MATERIAL, ROUND, 48"S/CD	LF				2076
		0430-175-154	PIPE CULVERT, OPT MATERIAL, ROUND, 54"S/CD	LF				761
		0430-175-160	PIPE CULVERT, OPT MATERIAL, ROUND, 60"S/CD	LF				2240
		0430-175-166	PIPE CULVERT, OPT MATERIAL, ROUND, 66"S/CD	LF				10
		0430-175-248	PIPE CULVERT,OPTIONAL MATERIAL, OTHER SHAPE - ELLIPTICAL, 48", STORM AND CROSS DRAIN	LF				36
		0430- 185-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, JACK AND BORE, 24", STORM AND CROSS DRAIN	LF				157
		0430- 185-1648	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, JACK AND BORE, 48", STORM AND CROSS DRAIN	LF				206
		0430- 185-154	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, JACK AND BORE, 54", STORM AND CROSS DRAIN	LF				666
		0430- 185-160	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, JACK AND BORE, 60", STORM AND CROSS DRAIN	LF				536
		0430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA				11
		0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA				4
		0430-982-133	MITERED END SECTION, OPTIONAL ROUND, 30" CD	EA				1
		0430-982-138	MITERED END SECTION, OPTIONAL ROUND, 36" CD	EA				3
		0430-982-140	MITERED END SECTION, OPTIONAL ROUND, 42" CD	EA				2
		0430-982-141	MITERED END SECTION, OPTIONAL ROUND, 48" CD	EA				6
		0430-982-142	MITERED END SECTION, OPTIONAL ROUND, 54" CD	EA				1
		0430-982-143	MITERED END SECTION, OPTIONAL ROUND, 60" CD	EA				2

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REVISIONS

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PROJECT SUMMARY OF PAY ITEMS

SHEET NO. 7

FLORIDA DEPARTMENT OF TRANSPORTATION
PROPSAL SUMMARY OF PAY ITEMS

PROJECT : 441113-1-52-01 | DISTRICT : 05 | COUNTY/SECTION : 75280

COUNTY : ORANGE

0002 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT				QUANTITY TOTAL
		0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF				1238
		0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF				1896
		0520- 5- 11	TRAFFIC SEPERATOR, CONCRETE, TYPE I, 4' WIDE	LF				353
		0520- 6-	SHOULDER GUTTER- CONCRETE	LF				10888
		0520- 70-	CONCRETE BARRIER SEPERATOR, SPECIAL - VARIABLE WIDTH	SY				346
		0521- 72- 40	SHOULDER CONCRETE BARRIER, 38" OR 44" HEIGHT	LF				5515
		0521- 72- 41	SHOULDER CONCRETE BARRIER, RETAINING SECTION	LF				1461
		0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY				388
		0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY				221
		0524- 2- 1	CONCRETE SLOPE PAVEMENT,NON REINFORCED, 3"	SY				1460
		0527- 2-	DETECTABLE WARNINGS	SF				358
		0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN				32.0
		0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF				3393
		0536- 1- 3	SPECIAL GUARDRAIL POST - ENCASED POST FOR SHALLOW MOUNT	EA				4
		0536- 85- 20	GUARD END TREATMENT - TRAILING ANCHORAGE	EA				3
		0536- 85- 24	GUARDRAIL END TREATMENT APPROACH TERMINAL	EA				11
		0538- 1	GAURDRAIL RESET	LF				7769
		0544- 3- 1	CRASH CUSHION	EA				1

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PROJECT SUMMARY OF PAY ITEMS

SHEET NO. 8

FLORIDA DEPARTMENT OF TRANSPORTATION
PROPSAL SUMMARY OF PAY ITEMS

PROJECT : 441113-1-52-01 | DISTRICT : 05 | COUNTY/SECTION : 75280

COUNTY : ORANGE

0002 SUMMARY OF ROADWAY

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT				QUANTITY TOTAL
		0546- 72- 1	GROUND- IN RUMBLE STRIPS	GM				3.951
		0550- 10-120	FENCING, TYPE B, 5.1-6.0, STANDARD	LF				9835
		0570- 1- 2	PERFORMANCE TURF, SOD	SY				336894
		0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM				8.890
		0710- 11-123	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF				224
		0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF				225
		0710- 11-131	PAINTED PAVEMENT MARKINGS, STD, WHITE, SKIP, 10-30 SKIP, 6"	GM				13.118
		0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM				0.009
		0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM				6.537

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SR 400	ORANGE	441113-1-52-01

PROJECT SUMMARY OF PAY ITEMS

SHEET NO. 9

FLORIDA DEPARTMENT OF TRANSPORTATION
PROPSAL SUMMARY OF PAY ITEMS

PROJECT : 441113-1-52-01 | DISTRICT : 05 | COUNTY/SECTION : 75280

COUNTY : ORANGE

0003 SUMMARY OF SIGNING

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT				QUANTITY TOTAL
		0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS				52
		0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS				8
		0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS				1
		0700- 1- 14	SINGLE POST SIGN, F&I GROUND MOUNT, 31+ SF	AS				2
		0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS				1
		0700- 1- 60	SINGLE POST SIGN, REMOVE	AS				22
		0700- 2- 14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS				6
		0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS				3
		0700- 2- 16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS				5
		0700- 2- 50	MULTI- POST SIGN, GROUND MOUNT, RELOCATE	AS				2
		0700- 2- 60	MULTI- POST SIGN, REMOVE	AS				11
		0700- 3-203	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 21-30 SF	EA				11
		0700- 3-205	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 51-100 SF	EA				2
		0700- 3-206	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF	EA				12
		0700- 3-209	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 401-500 SF	EA				1
		0700- 3-603	SIGN PANEL, REMOVE, 21-30 SF	EA				3
		0700- 3-605	SIGN PANEL, REMOVE, 51-100 SF	EA				2
		0700- 3-626	SIGN PANEL, REMOVE, 101-200 SF WITH LIGHTING	EA				1
		0700- 4-114	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL ,CANTILEVER, 41-50 FT	EA				13
		0700- 4-610	OVERHEAD STATIC SIGN STRUCTURE, REMOVE CANTILEVER	EA				1
		0700- 4-620	OVERHEAD STATIC SIGN STRUCTURE, REMOVE SPAN	EA				1
		700- 6- 11	HIGHLIGHTENED SIGN, F&I GROUND MOUNT - AC POWERED, UP TO 12 SF	EA				8
		705- 10- 1	OBJECT MARKER, TYPE 1	EA				5
		705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA				43
		0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS				1
		0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM				1.554
		0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF				530
		0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF				1739
		0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF				280
		0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM				0.347
		0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA				8
		711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA				87
		711-11-180	THERMOPLASTIC, STANDARD, WHITE, YIELD LINE	LF				12
		711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF				372

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PROJECT SUMMARY OF PAY ITEMS

SHEET NO. 10

FLORIDA DEPARTMENT OF TRANSPORTATION
PROPSAL SUMMARY OF PAY ITEMS

PROJECT : 441113-1-52-01 | DISTRICT : 05 | COUNTY/SECTION : 75280

COUNTY : ORANGE

0003 SUMMARY OF SIGNING

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT				QUANTITY TOTAL
		0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF				451
		711- 14- 160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE (BIKE SYMBOL)	EA				13
		711- 14- 170	THERMOPLASTIC, PREFORMED, WHITE, ARROW (BIKE ARROW)	EA				13
		0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM				7.887
		0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE , SKIP, 6", 3-9 LANE DROP	GM				0.689
		0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE , SKIP, 6", 10-30 SKIP	GM				13.286
		0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM				6.646
		0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM				0.391
		0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM				0.492
		0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM				0.340
		0713-103-331	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM				0.466

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SR 400	ORANGE	441113-1-52-01

PROJECT SUMMARY OF PAY ITEMS

SHEET NO. 11

FLORIDA DEPARTMENT OF TRANSPORTATION
PROPSAL SUMMARY OF PAY ITEMS

PROJECT : 441113-1-52-01 | DISTRICT : 05 | COUNTY/SECTION : 75280

COUNTY : ORANGE

0004 SUMMARY OF LIGHTING

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT				QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF				14501
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF				3126
		0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF				390
		0635- 2- 11	PULL BOX, FURNISH & INSTALL, 13" X 24" COVER SIZE	EA				133
		0635- 3- 11	PULL BOX, FURNISH & INSTALL, AERIAL	EA				9
		0635- 3- 13	JUNCTION BOX (F&I), EMBEDDED EJB 'A'	EA				45
		0635- 3- 13	JUNCTION BOX (F&I), EMBEDDED EJB 'B'	EA				30
		639-1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND METER PURCHASED BY CONTRACTOR FROM POWER COMPANY	AS				1
		639-2-1	ELECTRICAL SERVICE WIRE, F&I	LF				336
		0715- 1- 11	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 10 OR <	LF				1265
		0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 8 to NO. 6	LF				51379
		0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 4 to NO. 2	LF				17697
		0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE	LF				13471
		0715- 4- 13	LIGHT POLE COMPLETE, FURNISH & INSTALL, STANDARD POLE ,STANDARD FOUNDATION, 40' MOUNTING HEIGHT	EA				26
		0715- 4- 70	LIGHT POLE COMPLETE (REMOVE)	EA				81
		0715- 7- 11	LOAD CENTER, FURNISH & INSTALL, SECONDARY VOLTAGE	EA				1
		0715- 7- 21	LOAD CENTER, REWORK, SECONDARY VOLTAGE	EA				1
		0715- 7- 41	LOAD CENTER, REMOVE, SECONDARY VOLTAGE	EA				1
		0715- 11-125	LUMINAIRE, F&I, UNDER DECK, WALL MOUNT	EA				8
		0715- 11-211	LUMINAIRE, F&I-REPLACE EXIST LUMINAIRE ON EXIST POLE/ARM, ROADWAY, COBRA HEAD	EA				7
		0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	EA				114
		0715-500- 3	POLE CABLE DISTRIBUTION SYSTEM, WALL MOUNTED	EA				26
		0715-511-140	LIGHT POLE COMPLETE-SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, AL, 40' MOUNTING HEIGHT	EA				84
		0711-511-145	LIGHT POLE COMPLETE-SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, AL, 45' MOUNTING HEIGHT	EA				1
		0715-512-140	LIGHT POLE COMPLETE-SPECIAL DESIGN, F&I, DOUBLE ARM SHOULDER MOUNT, AL, 40' MOUNTING HEIGHT	EA				3
		0715-513-135	LIGHT POLE COMPLETE-SPECIAL DESIGN, F&I, SINGLE ARM WALL MOUNT, AL, 35' MOUNTING HEIGHT	EA				1
		0715-513-140	LIGHT POLE COMPLETE-SPECIAL DESIGN, F&I, SINGLE ARM WALL MOUNT, AL, 40' MOUNTING HEIGHT	EA				21
		0715-515-140	LIGHT POLE COMPLETE-SPECIAL DESIGN, F&I, SINGLE ARM BRIDGE MOUNT, AL, 40' MOUNTING HEIGHT	EA				4

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PROJECT SUMMARY OF PAY ITEMS

SHEET NO. 12

FLORIDA DEPARTMENT OF TRANSPORTATION
PROPSAL SUMMARY OF PAY ITEMS

PROJECT : 441113-1-52-01 | DISTRICT : 05 | COUNTY/SECTION : 75280

COUNTY : ORANGE

0005 SUMMARY OF SIGNALIZATION

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT				QUANTITY TOTAL
		455- 107- 6	DRILLED SHAFT CASING, 60" DIAMETER	LF				80
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF				587
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF				522
		0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI				2
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA				32
		0635- 3 -13	JUNCTION BOX, FURNISH & INSTALL, EMBEDDED	EA				3
		0639- 1-122	ELECTRICAL POWER SERVICE, FURNISH & INSTALL, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS				2
		0641- 2- 11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-11 PEDESTAL	EA				2
		0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA				10
		0649- 21- 3	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 40'	EA				1
		0649- 21- 6	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50'	EA				3
		0649- 21- 15	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70'	EA				4
		0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS				20
		0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS				8
		0653- 1- 12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAY	AS				2
		0660- 4- 11	VEHICLE DETECTION SYSTEM - VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA				2
		0660- 4- 12	VEHICLE DETECTION SYSTEM - VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA				8
		0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA				12
		0670- 5-111	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 1 PREEMPTION	AS				2
		0685- 1- 13	UNINTERRUPTIBLE POWER SUPPLY, FURNISH & INSTALL, LINE INTERACTIVE WITH CABINET	EA				2
		0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA				12
		0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA				8
		715- 5- 31	LUMINAIRE & BRACKET ARM-ALUMINUM, FURNISH & INSTALL-NEW LUMINAIRE AND ARM ON MAST ARM	EA				3

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PROJECT SUMMARY OF PAY ITEMS

SHEET NO. 13

FLORIDA DEPARTMENT OF TRANSPORTATION
PROPSAL SUMMARY OF PAY ITEMS

PROJECT : 441113-1-52-01 | DISTRICT : 05 | COUNTY/SECTION : 75280

COUNTY : ORANGE

0008 SUMMARY OF INTELLIGENT TRANSPORT SYSTEM

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT				QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF				12918
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF				16518
		0633- 1-121	FIBER OPTIC CABLE, FURNISH & INSTALL, UNDERGROUND, 12 MM	LF				5510
		0633- 1-123	FIBER OPTIC CABLE, FURNISH & INSTALL, UNDERGROUND, 72 SM	LF				31041
		0633- 1-620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	LF				25843
		0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA				356
		0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA				36
		0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, FURNISH & INSTALL, SPLICE ENCLOSURE	EA				11
		0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, FURNISH & INSTALL, SPLICE TRAY	EA				37
		0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, FURNISH & INSTALL, PRETERMINATED CONNECTOR ASSEMBLY	EA				48
		0633- 3- 15	FIBER OPTIC CONNECTION HARDWARE, FURNISH & INSTALL, PRETERMINATED PATCH PANEL	EA				3
		0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, FURNISH & INSTALL, PATCH PANEL- FIELD TERMINATED	EA				4
		0633- 3- 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY, SPLICE ENCLOSURE	EA				2
		0633- 3- 52	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY, SPLICE TRAY	EA				4
		0633- 3- 55	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY PATCH PANEL, PRETERMINATED	EA				12
		0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF				180
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA				4
		0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA				34
		0635- 2- 13	PULL & SPLICE BOX, FURNISH & INSTALL, 36" ROUND COVER SIZE	EA				9
		0635- 3- 13	JUNCTION BOX, FURNISH & INSTALL, EMBEDDED	EA				6
		639-1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS				1
		639-1-620	ELECTRICAL POWER SERVICE, REMOVE UNDERGROUND	AS				1
		0639- 2- 1	ELECTRICAL SERVICE WIRE, F&I	LF				205
		0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, FURNISH & INSTALL, POLE MOUNT	EA				1
		641-2-11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA				3

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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	441113-1-52-01

PROJECT SUMMARY OF PAY ITEMS

SHEET NO. 14

FLORIDA DEPARTMENT OF TRANSPORTATION
PROPSAL SUMMARY OF PAY ITEMS

PROJECT : 441113-1-52-01 | DISTRICT : 05 | COUNTY/SECTION : 75280

COUNTY : ORANGE

0008 SUMMARY OF INTELLIGENT TRANSPORT SYSTEM

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT				QUANTITY TOTAL
		641-2-14	PRESTRESSED CONCRETE POLE, F&I, TYPE P-IV	EA				1
		641-2-80	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- POLE 30' AND GREATER	EA				1
		0641- 3-263	CONCRETE CCTV POLE, FURNISH & INSTALL WITHOUT LOWERING DEVICE, 63'	EA				1
		0641- 3-800	CONCRETE CCTV POLE, COMPLETE POLE REMOVAL	EA				1
		0660- 3- 42	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA				2
		0676- 2-400	ITS CABINET, RELOCATE	EA				2
		682-1-113	ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, HIGH DEFINITION	EA				2
		682-1-400	ITS CCTV CAMERA, RELOCATE	EA				1
		0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA				2

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PROJECT SUMMARY OF PAY ITEMS

SHEET NO. 15

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" RCP)

259 OVERFLOW STRUCTURE
INV 107.06 W (24" RCP)
WEIR ELEV 110.04
VOER 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 104.97 (18" CMP)
GRATE ELEV 112.27

283 CATCH BASIN
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" RMP)

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 114.23
INV 110.71 NW (15" CPP)
INV 110.90 S (15" CPP)

304 ASPHALT FLUME
ELEV UNKNOWN

305 MANHOLE
RIM ELEV 115.37
INV 107.60 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

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)

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 MAIL

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)

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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	441113-1-52-01

EXISTING DRAINAGE STRUCTURES (1)

SHEET NO. 16

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 97.79 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)

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 103.41 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 104.84 (15" RCP)

399 MES
INV 104.79 (15" RCP)

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)

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")

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")

436 CATCH BASIN
GRATE ELEV 103.50
INV 96.55 NW (36" RCP)
INV 97.24 SE (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 102.20 N (19" X 29" ERCP)
INV 101.90 S (19" X 29" ERCP)

458 MANHOLE
RIM ELEV 104.48
INV 100.20 NE (24" 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 (18" RCP)
INV 112.89 SW (15" RCP)

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

463 CATCH BASIN
GRATE ELEV 103.70
INV 98.98 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)

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)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

EXISTING DRAINAGE STRUCTURES (2)

SHEET NO. 17

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 100.24 E (18" RCP)

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 (15" 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 (24" RCP)

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 SE (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 NW (30" RCP)
INV 98.35 SE (36" RCP)

548 MANHOLE
INV UNKNOWN

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

550 CATCH BASIN
GRATE ELEV 103.20
INV 99.01 S (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)

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 N (24" RCP)
INV 99.06 W (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)

559 CATCH BASIN
GRATE ELEV 103.49
INV 99.78 E (24" RCP)
INV 99.67 W (SIZE UNKNOWN)

562 CATCH BASIN
INV UNKNOWN

563 CATCH BASIN
GRATE ELEV 103.20
INV 100.10 NE (8" PVC)
INV 99.81 SE (15" RCP)
INV 100.58 SW (6" PVC)

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 103.29
INV 97.87 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 (18" RCP)
INV 99.45 SE (18" RCP)

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

582 MANHOLE
RIM ELEV 104.00
INV 96.49 S (60" RCP)
INV 96.68 N (60" RCP)

582A MANHOLE
RIM ELEV 103.98
INV 96.45 N (60" RCP)
INV 96.41 W (36" RCP)

583 MES
INV 100.38 NE (24" RCP)

584 MANHOLE
RIM ELEV 102.21
INV 97.72 W (18" RCP)
INV 97.51 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 104.80
INV 100.26 N
INV 100.34 E

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)

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 101.77 W (24" RCP)

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

EXISTING DRAINAGE STRUCTURES (3)

SHEET NO. 18

607 MES
ELEV 105.24

608 MANHOLE
RIM ELEV 110.63
INV 104.52 E (24" RCP)
INV 104.35 W (18" RCP)
INV UNKNOWN S (24" RCP)

609 CATCH BASIN
GRATE ELEV 108.51
INV 104.19 E (24" RCP)
INV 104.25 SW (24" RCP)
INV 103.99 SE (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 W (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 E (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 E (18" RCP)
INV 114.028 S (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 112.114 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 SE (18" RCP)
INV 109.32 NE (24" RCP)
INV 109.34 SW (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 SW (24" RCP)
INV 107.76 SE (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 SW (24" RCP)
INV 107.03 SE (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 SW (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 110.63
INV 102.75 NW (30" RCP)
INV 102.79 SE (30" RCP)
IVN 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 SW (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
RIM ELEV 124.01
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 SW (18" RCP)

698 CURB INLET
INV UNKNOWN

699 CURB INLET
INV UNKNOWN

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REVISIONS

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

EXISTING DRAINAGE STRUCTURES (4)

SHEET NO. 19

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

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 118.20

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 (36")

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

736 ENDWALL
INV 95.06 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 95.33 SE (48" RCP)
INV 95.40 SE (48" RCP)

742 MES
RIM ELEV 113.23
INV 95.33 (48" RCP)
INV 95.28 (28")

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

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

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 97.99 NW (SIZE UNKNOWN)

817 CATCH BASIN
GRATE ELEV 102.31
INV 96.13 NE (29" X 45" ERCP)
INV 97.32 SE (SIZE UNKNOWN)
INV 95.32 SW (SIZE UNKNOWN)

818 MES
INV 98.03 NE (18" RCP)

819 MES
INV 98.22 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 95.13 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 94.61 (30" RCP)
INV 94.57 (60" RCP)

829 CURB INLET
INV UNKNOWN

830 CURB INLET
INV UNKNOWN

831 ENDWALL
INV 94.33 SE (30" RCP)
INV 94.58 SE (60" RCP)

832 CURB INLET
INV UNKNOWN

833 CURB INLET
INV UNKNOWN

834 END TREATMENT
INV 92.69 NW (48" RCP)
INV 91.93 SE (48" RCP)

834A END TREATMENT
INV 93.01 NW (48" RCP)
INV 92.70 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)

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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	441113-1-52-01

EXISTING DRAINAGE STRUCTURES (5)

SHEET NO. 20

BLACK LAKE

SEC 21, T24S, R28E
SEC 28, T24S, R28E

0 100 400
Feet

HOTEL PLAZA BLVD

BEGIN PROJECT 441113-1-52-01
BEGIN CONSTRUCTION 441113-1-52-01
℄ SURVEY SR 400 (I-4) STA 546+00.00

℄ SURVEY SR 400

SEC 21, T24S, R28E
SEC 22, T24S, R28E

℄ SURVEY SR 535

1.44 AC.

LA R/W LINE

7.36 AC.

13.71 AC.

4.14 AC.

WETLAND LINE
24.55 AC.

WETLAND LINE
EX_PND138D2

POND EX_PND137
(8.36 AC)
39.96 AC.

EXIST POND

SR 535

1.11 AC

℄ RAMP IC1_535

R/W LINE

VINELAND AVE

R/W LINE

100 YR FLOODPLAIN

LITTLE LAKE BRYAN
ZONE AE EL 100.30 NAVD

SEC 28, T24S, R28E
SEC 27, T24S, R28E

MATCH LINE STA 576+00.00

LEGEND

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

NOTE: EXISTING DRAINAGE STRUCTURE 1 TO 254 INCLUDED IN A SEPARATE CONTRACT.

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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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE MAP (1)
EXISTING CONDITION

SHEET NO. 21

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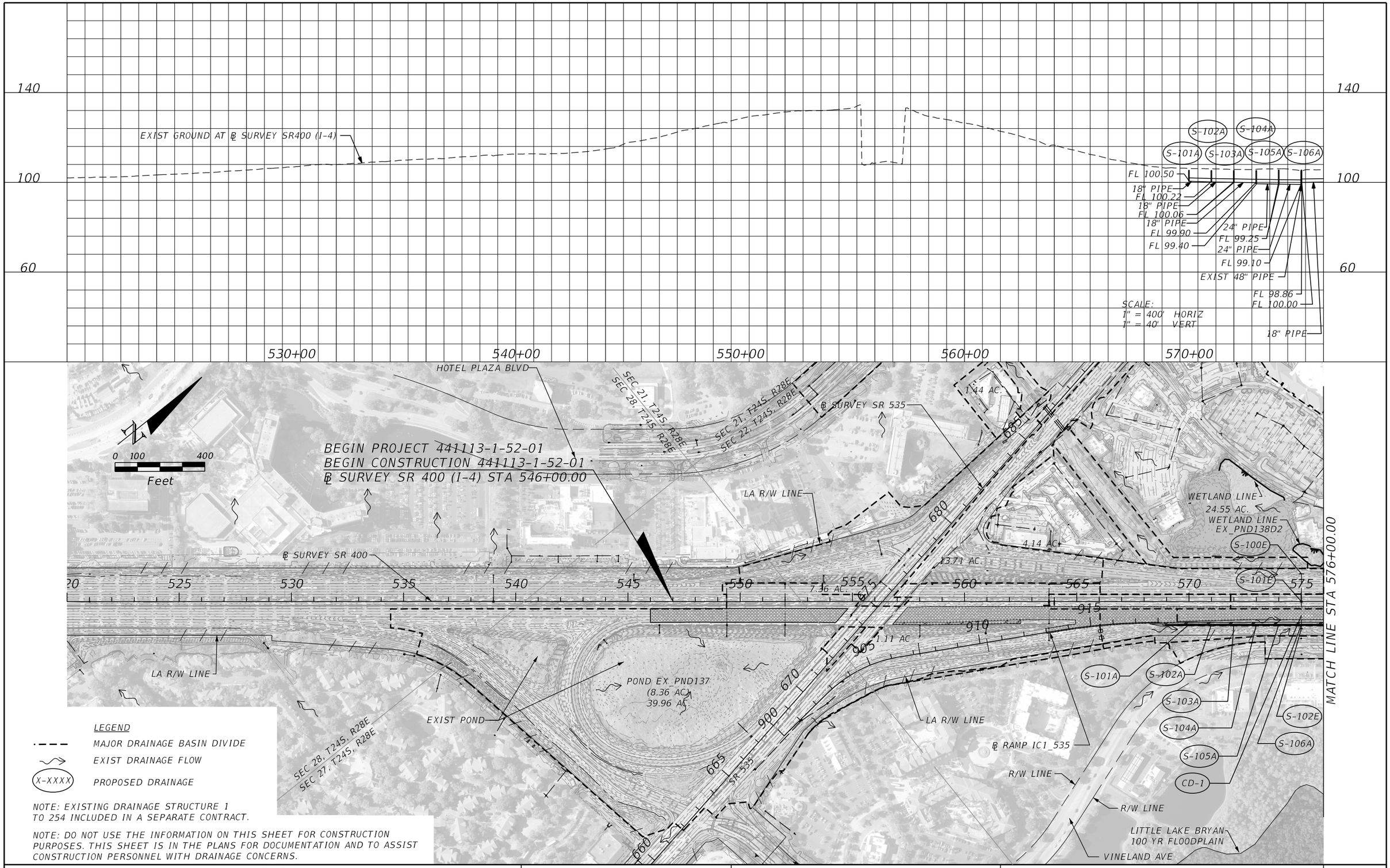

NOTE: EXISTING DRAINAGE STRUCTURE 1 TO 254 INCLUDED IN A SEPARATE CONTRACT.

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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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE MAP (1)
PROPOSED CONDITION

SHEET NO. 22

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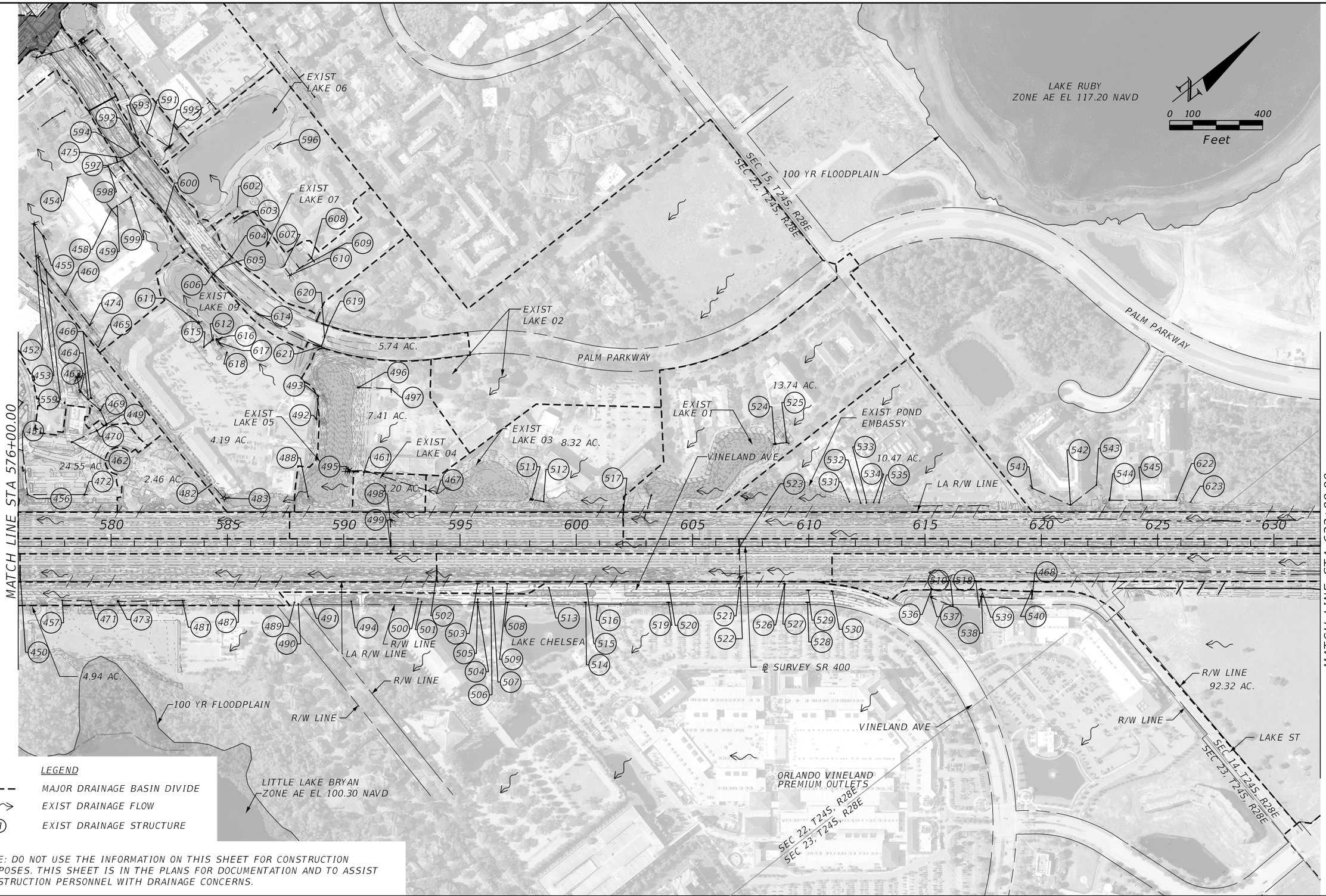

LEGEND

- 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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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE MAP (2)
EXISTING CONDITION

SHEET NO. 23

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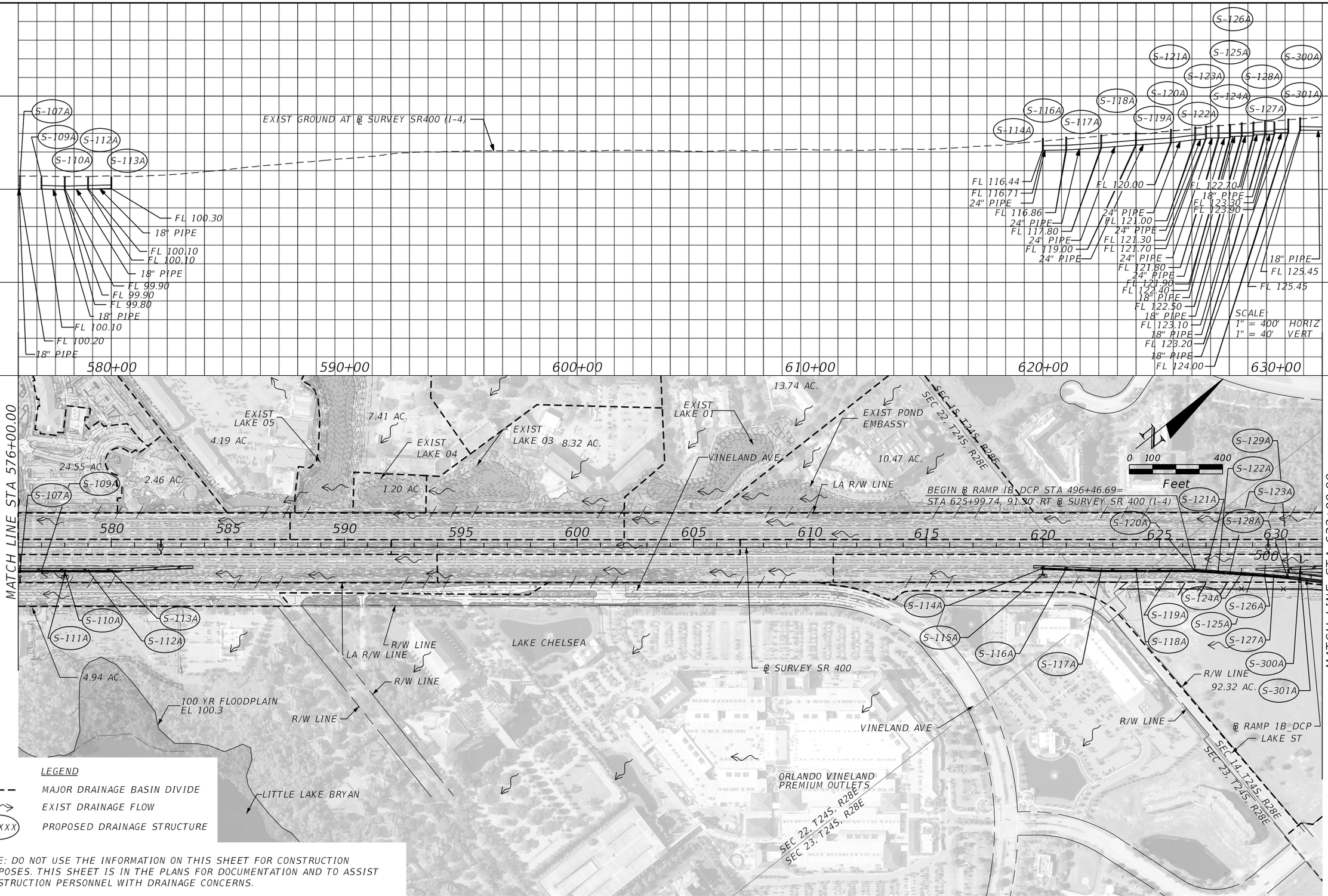

LEGEND

- MAJOR DRAINAGE BASIN DIVIDE
- EXIST DRAINAGE FLOW
- X-XXXX PROPOSED 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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SR 400	ORANGE	441113-1-52-01

DRAINAGE MAP (2) PROPOSED CONDITION

SHEET NO. 24

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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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SR 400	ORANGE	441113-1-52-01

DRAINAGE MAP (3)
EXISTING CONDITION

SHEET NO. 25

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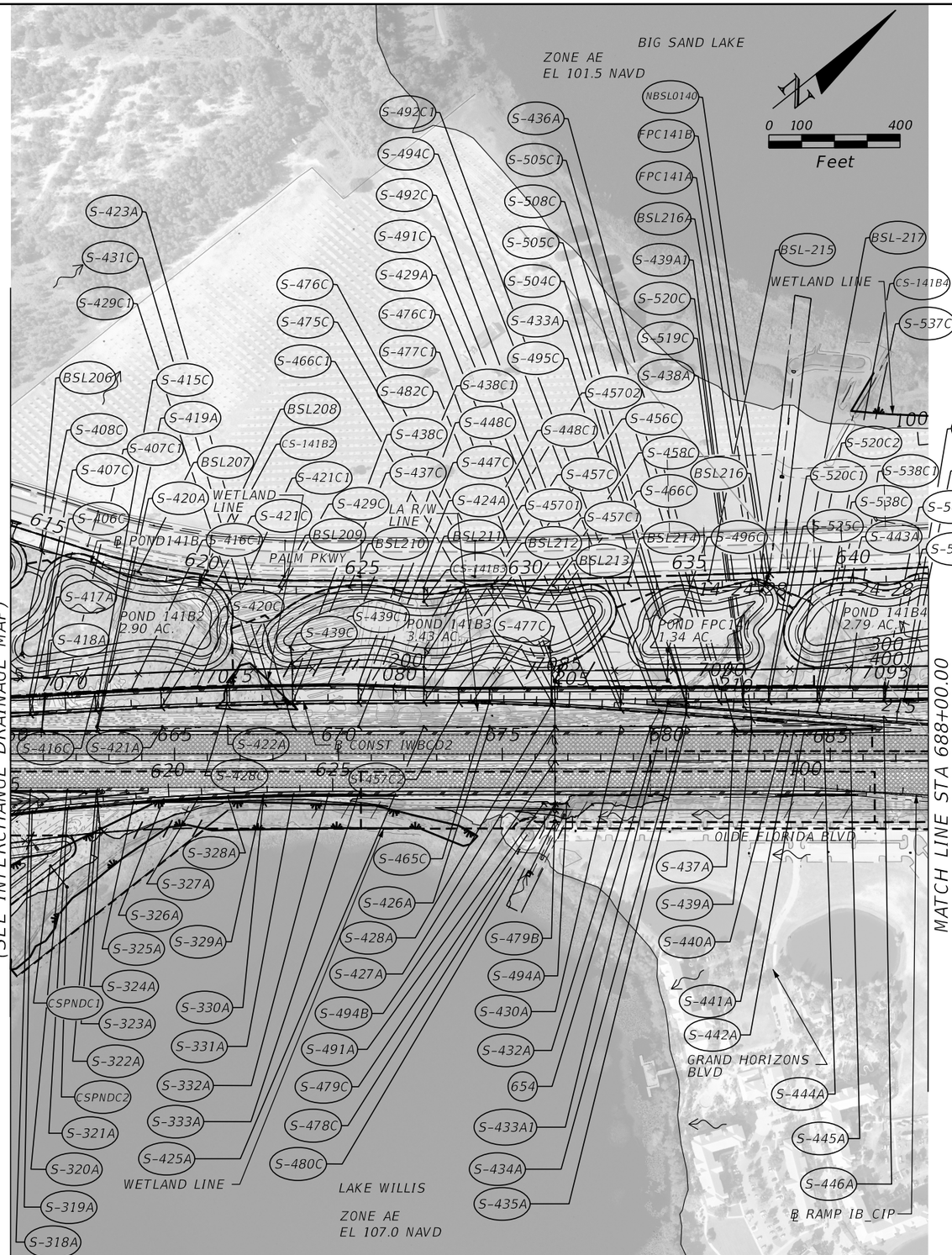

LEGEND

- *MAJOR DRAINAGE BASIN DIVIDE*
- *EXIST DRAINAGE FLOW*
- *X-XXXX* *PROPOSED 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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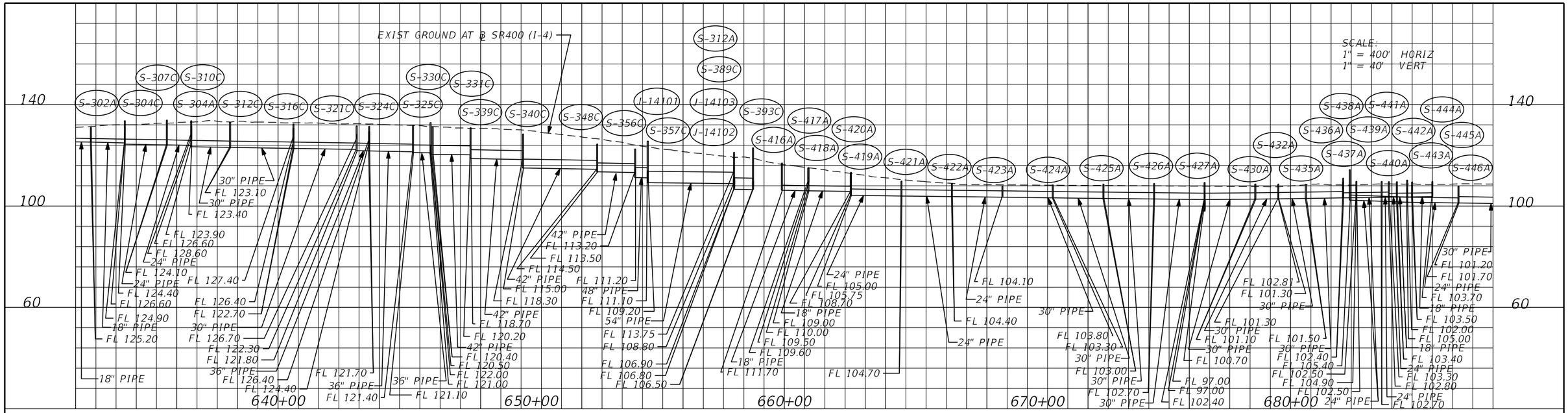
SR 400	ORANGE	441113-1-52-01

DRAINAGE MAP (3)
PROPOSED CONDITION

SHEET NO. 26



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	575+02	℄400	33.86	102.46	41.37	102.99	N/A	107.27	N/A	N/A	62.00	104.60	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.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE MAP (3) PROPOSED PROFILE & FLOOD DATA TABLE

SHEET NO. 27



LEGEND

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

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE MAP (4)
EXISTING CONDITION

SHEET NO. 28

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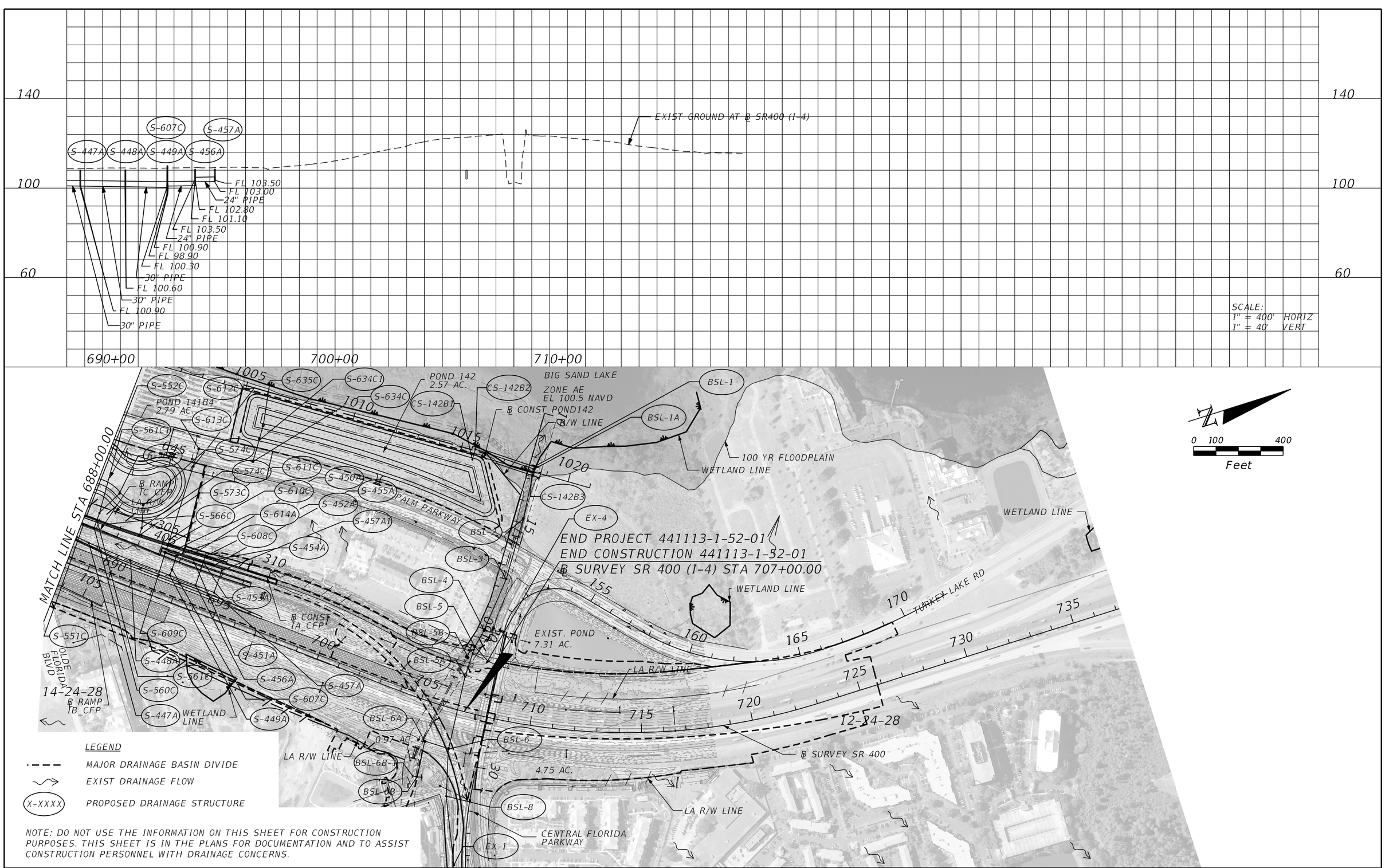

LEGEND

- MAJOR DRAINAGE BASIN DIVIDE
- EXIST DRAINAGE FLOW
- (X-XXXX) PROPOSED DRAINAGE STRUCTURE

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SR 400	ORANGE	441113-1-52-01

DRAINAGE MAP (4)
PROPOSED CONDITION

SHEET NO. 29

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PALM PARKWAY

PALM PARKWAY

0 50 200
Feet

LA R/W LINE

BEGIN BRIDGE
EXISTING

EXIST POND 140
(2.80 AC)

LA R/W LINE

635 640 645 650 655 660

℄ SURVEY SR 400

LA R/W LINE

EXIST POND 139

EXIST POND 139
(2.63 AC)

BEGIN BRIDGE
STA. 604+32.00

LA R/W LINE

EXIST POND C
7.25 AC.

92.76 AC.

WETLAND LINE

POND FPC 141
(SPREADER SWALE)
1.24 AC.

100 YR
FLOODPLAIN

LAKE WILLIS
ZONE AE
EL 107.0 NAVD

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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SR 400	ORANGE	441113-1-52-01

INTERCHANGE DRAINAGE MAP EXISTING CONDITION

SHEET NO. 30

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MATCH LINE STA 632+00.00

MATCH LINE STA 660+00.00

PALM PARKWAY

11-24-28

0 50 200

Feet

℄ EB DCP

PALM PARKWAY

℄ PND141

℄ RAMP D_DCP

POND 141B1
1.82 AC

POND 140B3; 2.59 AC

POND 140B1
0.76 AC.

POND 140B2
0.80 AC

LA R/W LINE

℄ RAMP ISLIP II

℄ SURVEY SR 400

BEGIN BRIDGE
EXISTING

END BRIDGE
EXISTING

92.76 AC.

℄ RAMP IB_DCP

℄ RAMP IC_DCP

BEGIN BRIDGE
STA. 602+13.00

END BRIDGE
STA. 610+24.00

MODIFIED
POND C
6.99 AC.

WETLAND LINE
POND FPC 141
(SPREADER SWALE)
1.24 AC.

100 YR
FLOODPLAIN

LAKE WILLIS

ZONE AE
EL 107.0 NAVD

℄ WB DCP

REGENCY VILLAGE DR

℄ DARYL CARTER PKWY

R/W LINE

LEGEND

MAJOR DRAINAGE BASIN DIVIDE

EXIST DRAINAGE FLOW

X-XXXX PROPOSED DRAINAGE STRUCTURE

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

INTERCHANGE DRAINAGE MAP PROPOSED CONDITION

SHEET NO. 31

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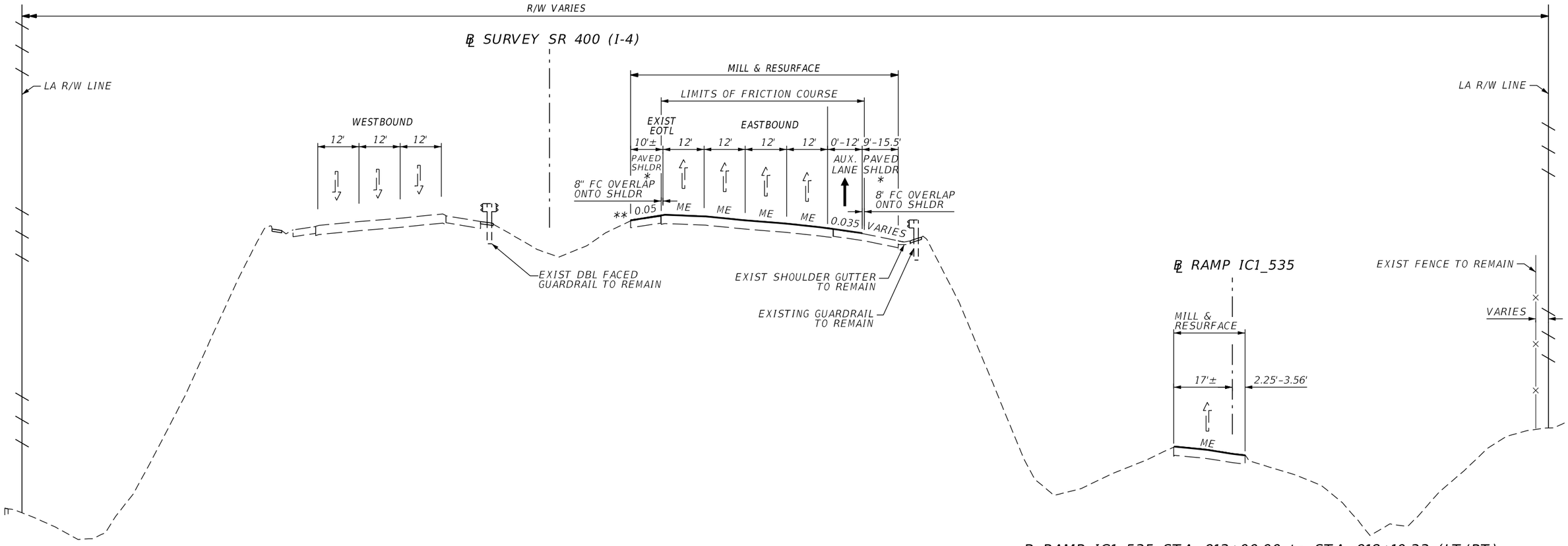

℄ RAMP IC1_535 STA. 913+00.00 to STA. 918+10.33 (LT/RT)

MILL & RESURFACE TRAVEL LANE

MILL EXIST PAVEMENT 3/4"

RESURFACE FRICTION COURSE (FC-5)(3/4")(PG 76-22)

TYPICAL SECTION #1

℄ SURVEY SR 400 (I-4) STA. 546+00.00 to STA. 554+80.15 (RT) - MILL & RESURFACE TRAVEL LANES ONLY

℄ SURVEY SR 400 (I-4) STA. 556+79.97 to STA. 562+50.00 (RT) - MILL & RESURFACE TRAVEL LANES AND INSIDE/OUTSIDE SHOULDERS

℄ SURVEY SR 400 (I-4) STA. 562+50.00 to STA. 568+26.14 (RT) - MILL & RESURFACE TRAVEL LANES AND INSIDE SHOULDER ONLY

MILL & RESURFACE - TRAVEL LANES

MILL EXIST PAVEMENT 3/4"

RESURFACE FRICTION COURSE (FC-5) (3/4") (PG 76-22)

MILL & RESURFACE - INSIDE SHOULDER

MILL EXIST PAVEMENT 1.5"

RESURFACE SP STRUCTURAL COURSE (TRAFFIC C) (1.5")

MILL & RESURFACE - OUTSIDE SHOULDER

MILL EXIST PAVEMENT 1.5"

RESURFACE SP STRUCTURAL COURSE (TRAFFIC E) (OVERBUILD THICKNESS VARIES 1"-3")

TRAFFIC DATA

CURRENT YEAR = 2017 AADT = 196,442
ESTIMATED OPENING YEAR = 2020 AADT = 207,930
ESTIMATED DESIGN YEAR = 2040 AADT = 284,520
K = 7.4% D = 52.92% T = 10.8% (24 HOUR)
DESIGN HOUR T = 5.4%
DESIGN SPEED = 70 MPH

LEGEND:

ME	MATCH EXISTING
EOTL	EDGE OF TRAVEL LANE
*	WITH GROUND-IN RUMBLE STRIP
**	2'-8" SOD TREATMENT PER STANDARD PLANS 500-010

TYPICAL SECTION NOTES:

1. TEMPORARY OVERBUILD INSTALLED ON INSIDE SHOULDER AS PART OF THE TTCP TO BE REMOVED PRIOR TO MILL AND RESURFACING. SEE TTCP PLANS FOR MORE DETAIL.
2. SEE TYPICAL SECTION DETAILS FOR MILL & RESURFACE WITH OVERBUILD DETAIL ON THE OUTSIDE SHOULDER.
3. ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO EXISTING PAVEMENT WIDTH. A UNIFORM WIDTH BASE WIDENING STRIP MAY BE CONSTRUCTED AT NO ADDITIONAL COMPENSATION.

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REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
TYPICAL SECTION

SHEET NO. 32

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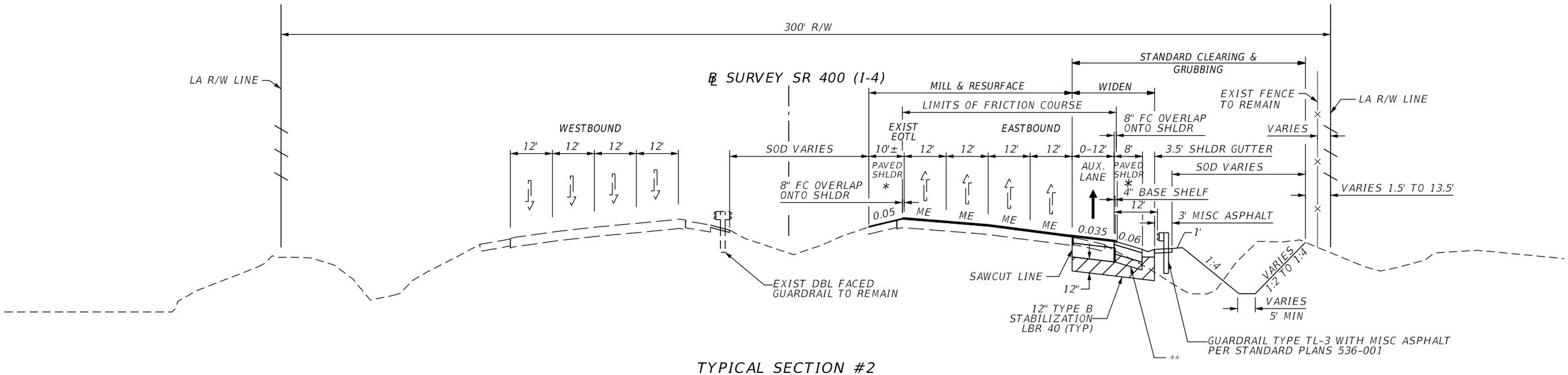

TYPICAL SECTION #2

℄ SURVEY SR 400 (I-4) STA. 568+26.14 to STA. 583+50.00 (RT) - MILL, RESURFACE, & WIDEN

SR 400 (I-4) NEW CONSTRUCTION

OPTIONAL BASE GROUP 12 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC E) (6")
USE MODIFIED ASPHALT BINDER (PG 76-22) IN TOP 2 LAYERS
AND FRICTION COURSE (FC-5) 3/4" (PG 76-22)

SR 400 (I-4) SHOULDER PAVEMENT

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

MILL & RESURFACE - TRAVEL LANES

MILL EXIST PAVEMENT 3/4"
RESURFACE FRICTION COURSE (FC-5)(3/4")(PG 76-22)

MILL & RESURFACE - INSIDE SHOULDER

MILL EXIST PAVEMENT 1.5"
RESURFACE SP STRUCTURAL COURSE (TRAFFIC C) (1.5")

TRAFFIC DATA

CURRENT YEAR = 2017 AADT = 196,442
ESTIMATED OPENING YEAR = 2020 AADT = 207,930
ESTIMATED DESIGN YEAR = 2040 AADT = 284,520
K = 7.4% D = 52.92% T = 10.8% (24 HOUR)
DESIGN HOUR T = 5.4%
DESIGN SPEED = 70 MPH

LEGEND:

ME	MATCH EXISTING
EOTL	EDGE OF TRAVEL LANE
*	WITH GROUND-IN RUMBLE STRIP
**	THIS AREA MAY BE CONSTRUCTED OF OPTIONAL BASE MATERIAL (GRANULAR ONLY) AT NO ADDITIONAL COMPENSATION

TYPICAL SECTION NOTES:

1. TEMPORARY OVERBUILD INSTALLED ON INSIDE SHOULDER AS PART OF THE TTCP TO BE REMOVED PRIOR TO MILL AND RESURFACING. SEE TTCP PLANS FOR MORE DETAIL.
2. ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO EXISTING PAVEMENT WIDTH. A UNIFORM WIDTH BASE WIDENING STRIP MAY BE CONSTRUCTED AT NO ADDITIONAL COMPENSATION.

REVISIONS			
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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
TYPICAL SECTION

SHEET NO. 33

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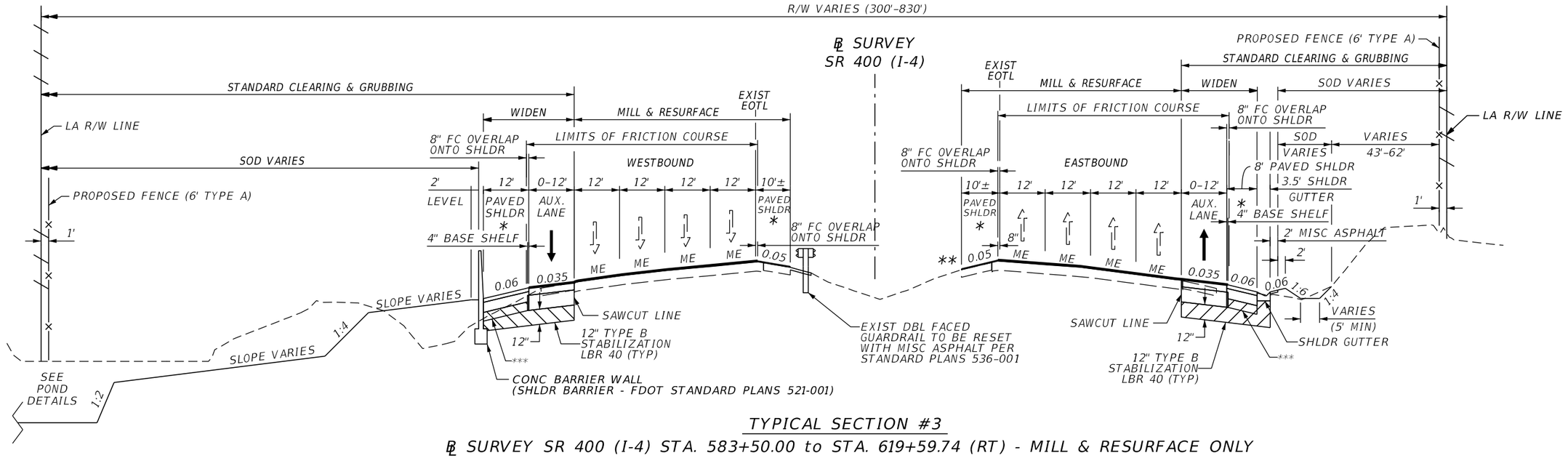

TYPICAL SECTION #3

℄ SURVEY SR 400 (I-4) STA. 583+50.00 to STA. 619+59.74 (RT) - MILL & RESURFACE ONLY
℄ SURVEY SR 400 (I-4) STA. 619+59.74 to STA. 632+74.71 (RT) - MILL, RESURFACE, & WIDEN
℄ SURVEY SR 400 (I-4) STA. 632+00.00 to STA. 636+88.12 (LT) - MILL & RESURFACE ONLY
℄ SURVEY SR 400 (I-4) STA. 636+88.12 to STA. 663+00.00 (LT) - MILL, RESURFACE, & WIDEN

SR 400 (I-4) NEW CONSTRUCTION

OPTIONAL BASE GROUP 12 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC E) (6")
USE MODIFIES ASPHALT BINDER (PG 76-22) IN TOP 2 LAYERS
AND FRICTION COURSE (FC-5) (3/4") (PG 76-22)

SR 400 (I-4) SHOULDER PAVEMENT

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

MILL & RESURFACE - TRAVEL LANES

MILL EXIST PAVEMENT 3/4"
RESURFACE FRICTION COURSE (FC-5)(3/4")(PG 76-22)

MILL & RESURFACE - INSIDE SHLDR

MILL EXIST PAVEMENT 1.5"
RESURFACE SP STRUCTURAL COURSE (TRAFFIC C)(1.5")

TRAFFIC DATA

CURRENT YEAR = 2017 AADT = 196,442
ESTIMATED OPENING YEAR = 2020 AADT = 207,930
ESTIMATED DESIGN YEAR = 2040 AADT = 284,520
K = 7.4% D = 52.92% T = 10.8% (24 HOUR)
DESIGN HOUR T = 5.4%
DESIGN SPEED = 70 MPH

LEGEND:

ME	MATCH EXISTING
EOTL	EDGE OF TRAVEL LANE
*	WITH GROUND-IN RUMBLE STRIP
**	2'-8" SOD TREATMENT PER STANDARD PLANS 500-010
***	THIS AREA MAY BE CONSTRUCTED OF OPTIONAL BASE MATERIAL (GRANULAR ONLY) AT NO ADDITIONAL COMPENSATION

TYPICAL SECTION NOTES:

1. TEMPORARY OVERBUILD INSTALLED ON INSIDE SHOULDER AS PART OF THE TTCP TO BE REMOVED PRIOR TO MILL AND RESURFACING. SEE TTCP PLANS FOR MORE DETAIL.
2. SEE TYPICAL SECTION DETAILS FOR ADDITIONAL PARTIAL TYPICAL SECTIONS.
3. ACTUAL WIDTH OF BASE WINDENING MAY VARY DUE TO EXISTING PAVEMENT WIDTH. A UNIFORM WIDTH BASE WIDENING STRIP MAY BE CONSTRUCTED AT NO ADDITIONAL COMPENSATION.

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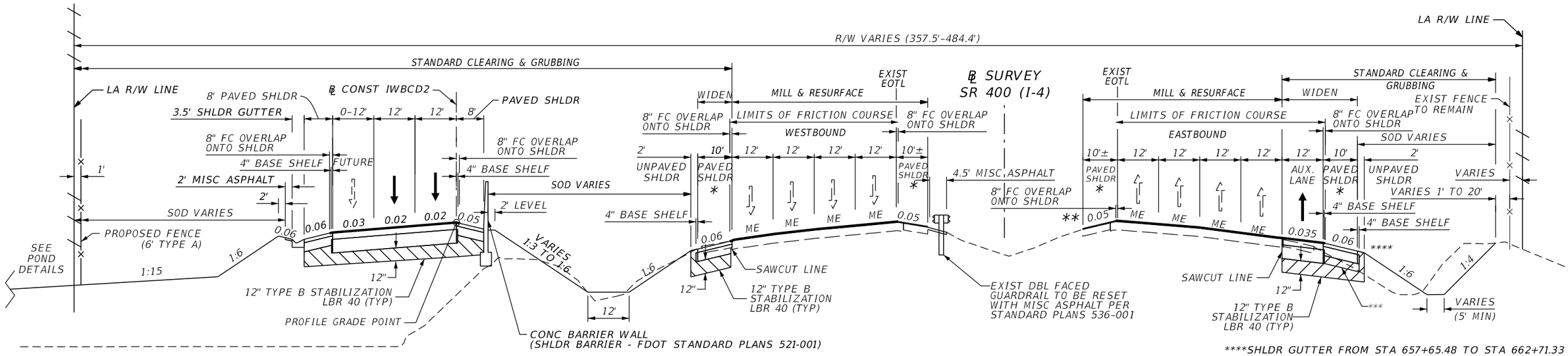
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) TYPICAL SECTION

SHEET NO. 34



****SHLDR GUTTER FROM STA 657+65.48 TO STA 662+71.33

TYPICAL SECTION #4

℄ SURVEY SR 400 (I-4) STA. 632+74.71 to STA. 657+65.48 (RT) - MILL & RESURFACE ONLY
℄ SURVEY SR 400 (I-4) STA. 657+65.48 to STA. 686+10.95 (RT) - MILL, RESURFACE, & WIDEN
℄ SURVEY SR 400 (I-4) STA. 663+00.00 to STA. 681+99.83 (LT) - MILL, RESURFACE, & WIDEN

IWBCD2 NEW CONSTRUCTION

OPTIONAL BASE GROUP 12 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (4")
USE MODIFIED ASPHALT BINDER (PG 76-22) IN TOP LAYER
AND FRICTION COURSE (FC-5) 3/4" (PG 76-22)

IWBCD2 SHOULDER PAVEMENT

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

SR 400 (I-4) NEW CONSTRUCTION

OPTIONAL BASE GROUP 12 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC E) (6")
USE MODIFIES ASPHALT BINDER (PG 76-22) IN TOP 2 LAYERS
AND FRICTION COURSE (FC-5) (3/4") (PG 76-22)

SR 400 (I-4) SHOULDER PAVEMENT

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

MILL & RESURFACE - TRAVEL LANES

MILL EXIST PAVEMENT 3/4"
RESURFACE FRICTION COURSE (FC-5)(3/4")(PG 76-22)

MILL & RESURFACE - INSIDE SHLDR

MILL EXIST PAVEMENT 1.5"
RESURFACE SP STRUCTURAL COURSE (TRAFFIC C) (1.5")

TRAFFIC DATA

CURRENT YEAR = 2017 AADT = 196,442
ESTIMATED OPENING YEAR = 2020 AADT = 207,930
ESTIMATED DESIGN YEAR = 2040 AADT = 284,520
K = 7.4% D = 52.92% T = 10.8% (24 HOUR)
DESIGN HOUR T = 5.4%
DESIGN SPEED = 70 MPH

LEGEND:

ME	MATCH EXISTING
EOTL	EDGE OF TRAVEL LANE
*	WITH GROUND-IN RUMBLE STRIP
**	2'-8" SOD TREATMENT PER STANDARD PLANS 500-010
***	THIS AREA MAY BE CONSTRUCTED OF OPTIONAL BASE MATERIAL (GRANULAR ONLY) AT NO ADDITIONAL COMPENSATION

TYPICAL SECTION NOTES:

1. TEMPORARY OVERBUILD INSTALLED ON INSIDE SHOULDER AS PART OF THE TTCP TO BE REMOVED PRIOR TO MILL AND RESURFACING. SEE TTCP PLANS FOR MORE DETAIL.
2. SEE TYPICAL SECTION DETAILS FOR ADDITIONAL PARTIAL TYPICAL SECTIONS.
3. ACTUAL WIDTH OF BASE WINDENING MAY VARY DUE TO EXISTING PAVEMENT WIDTH. A UNIFORM WIDTH BASE WIDENING STRIP MAY BE CONSTRUCTED AT NO ADDITIONAL COMPENSATION.

REVISIONS			
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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) TYPICAL SECTION

SHEET NO. 35

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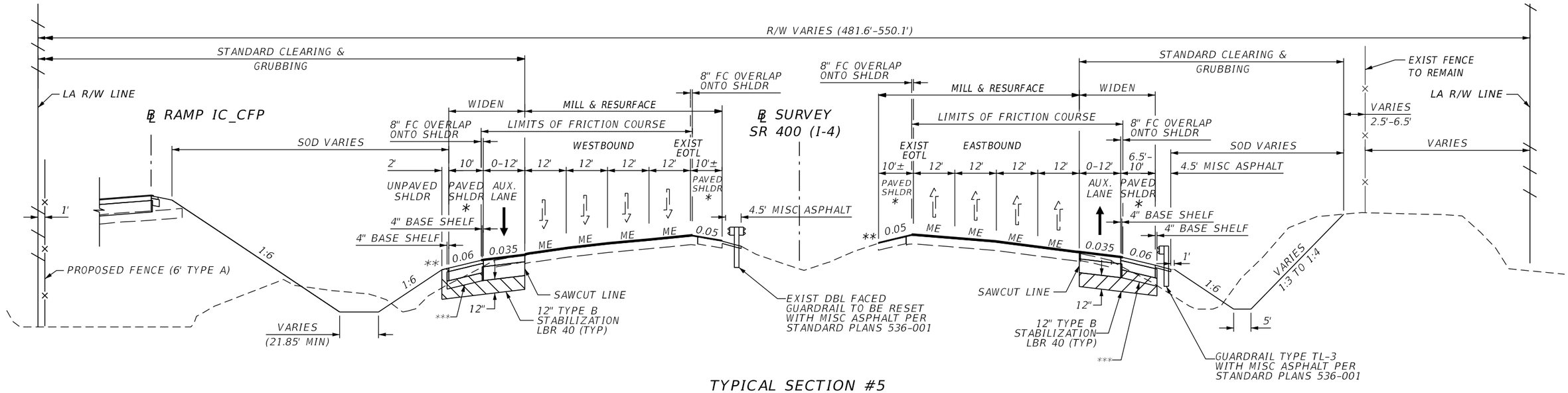

TYPICAL SECTION #5

℄ SURVEY SR 400 (I-4) STA. 681+99.83 to STA. 697+02.12 (LT) - MILL, RESURFACE, & WIDEN
℄ SURVEY SR 400 (I-4) STA. 683+39.80 to STA. 686+10.95 (RT) - MILL, RESURFACE, & WIDEN
℄ SURVEY SR 400 (I-4) STA. 686+10.95 to STA. 693+01.35 (RT) - MILL & RESURFACE ONLY
℄ SURVEY SR 400 (I-4) STA. 697+02.12 to STA. 704+62.00 (LT) - MILL & RESURFACE ONLY

**** SHLDR GUTTER FROM STA 681+99.83 TO STA 686+40.00

SR 400 (I-4) NEW CONSTRUCTION

OPTIONAL BASE GROUP 12 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC E) (6")
USE MODIFIED ASPHALT BINDER (PG 76-22) IN TOP 2 LAYERS
AND FRICTION COURSE (FC-5) (3/4") (PG 76-22)

SR 400 (I-4) SHOULDER PAVEMENT

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

MILL & RESURFACE - TRAVEL LANES

MILL EXIST PAVEMENT 3/4"
RESURFACE FRICTION COURSE (FC-5)(3/4")(PG 76-22)

MILL & RESURFACE - INSIDE SHLDR

MILL EXIST PAVEMENT 1.5"
RESURFACE SP STRUCUTAL COURSE (TRAFFIC C)(1.5")

TRAFFIC DATA

CURRENT YEAR = 2017 AADT = 196,442
ESTIMATED OPENING YEAR = 2020 AADT = 207,930
ESTIMATED DESIGN YEAR = 2040 AADT = 284,520
K = 7.4% D = 52.92% T = 10.8% (24 HOUR)
DESIGN HOUR T = 5.4%
DESIGN SPEED = 70 MPH

LEGEND:

ME	MATCH EXISTING
EOTL	EDGE OF TRAVEL LANE
*	WITH GROUND-IN RUMBLE STRIP
**	2'-8" SOD TREATMENT PER STANDARD PLANS 500-010
***	THIS AREA MAY BE CONSTRUCTED OF OPTIONAL BASE MATERIAL (GRANULAR ONLY) AT NO ADDITIONAL COMPENSATION

TYPICAL SECTION NOTES:

1. TEMPORARY OVERBUILD INSTALLED ON INSIDE SHOULDER AS PART OF THE TTCP TO BE REMOVED PRIOR TO MILL AND RESURFACING. SEE TTCP PLANS FOR MORE DETAIL.
2. SEE TYPICAL SECTION DETAILS FOR ADDITIONAL PARTIAL TYPICAL SECTIONS.
3. ACTUAL WIDTH OF BASE WINDENING MAY VARY DUE TO EXISTING PAVEMENT WIDTH. A UNIFORM WIDTH BASE WIDENING STRIP MAY BE CONSTRUCTED AT NO ADDITIONAL COMPENSATION.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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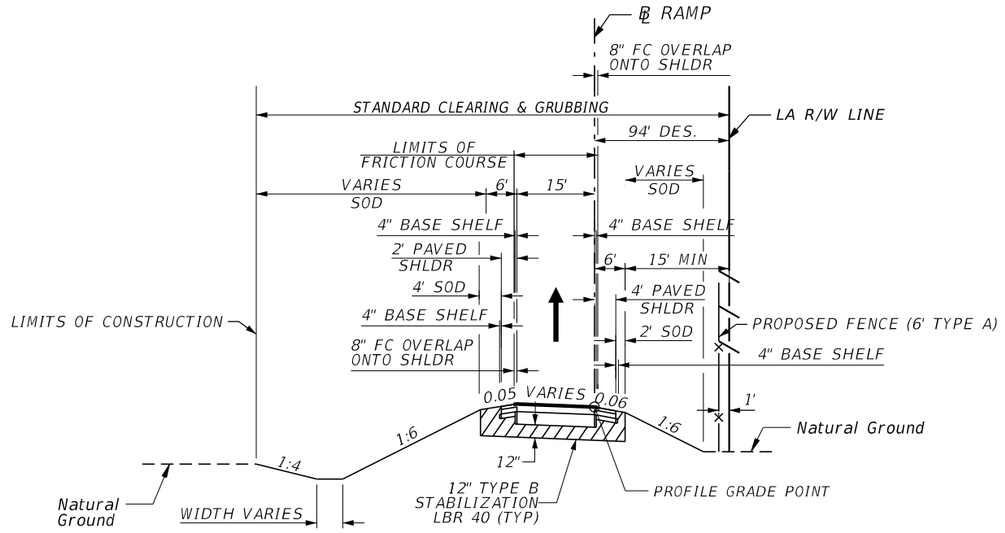
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
TYPICAL SECTION

SHEET NO. 36



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

TYPICAL SECTION NOTES:
1. SEE RAMP PROFILE SHEETS FOR CROSS SLOPES.
2. SEE TYPICAL SECTION DETAILS FOR ADDITIONAL PARTIAL TYPICAL SECTIONS.

NEW CONSTRUCTION (LOW ESAL)

OPTIONAL BASE GROUP 11 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
AND FRICTION COURSE (FC-5) (3/4") (PG 76-22)
(FROM RAMP D_DCP STA 700+48.73 TO STA 708+31.43, FRICTION COURSE (FC-9.5) (1")
(PG 76-22) TO BE USED IN LIEU OF FRICTION COURSE (FC-5) (3/4") (PG 76-22))

SHOULDER PAVEMENT

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

RAMP	STATION RANGE	MOVEMENT	DESIGN SPEED (MPH)
D_DCP	700+24.28 - 717+26.89	WB_CD TO DCP	20-50
IA_CFP	300+00.00 - 310+36.97	EB_CFP TO WB_I4	50
IC_CFP	400+00.00 - 409+35.00	WB_CFP TO WB_I4	50
ISLIP1	100+00.00 -114+29.62	WB_CD TO WB_I4	50
ISLIP2	200+00.00 - 218+60.78	WB_I4 TO WB_CD	50

TRAFFIC DATA

CURRENT YEAR = 2017 AADT = N/A
ESTIMATED OPENING YEAR = 2020 AADT = 11,140
ESTIMATED DESIGN YEAR = 2040 AADT = 14,080
K = 7.4% D = 100% T = 7.8% (24 HOUR)
DESIGN HOUR T = 5.4%

NEW CONSTRUCTION (HIGH ESAL)

OPTIONAL BASE GROUP 11 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (4")
USE MODIFIED ASPHALT BINDER (PG 76-22) IN TOP LAYER
AND FRICTION COURSE (FC-5) (3/4") (PG 76-22)
(FROM RAMP IB_DCP STA 506+90.09 TO STA 515+13.03, FRICTION COURSE (FC-9.5) (1")
(PG 76-22) TO BE USED IN LIEU OF FRICTION COURSE (FC-5) (3/4") (PG 76-22))

SHOULDER PAVEMENT

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

RAMP	STATION RANGE	MOVEMENT	DESIGN SPEED (MPH)
IB_DCP	496+46.69 - 515+58.37	EB_I4_GUL TO DCP	20-50

TRAFFIC DATA

CURRENT YEAR = 2017 AADT = 17,800
ESTIMATED OPENING YEAR = 2020 AADT = 18,840
ESTIMATED DESIGN YEAR = 2040 AADT = 22,660
K = 7.4% D = 100% T = 10.8% (24 HOUR)
DESIGN HOUR T = 5.4%

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

1 LANE RAMP TYPICAL SECTION

SHEET NO. 37

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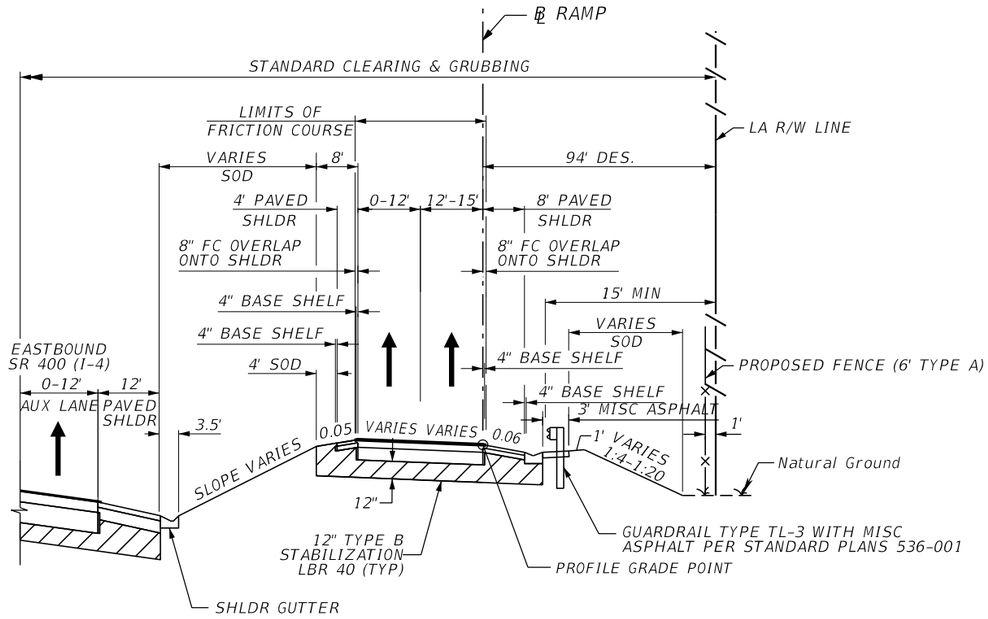

TYPICAL SECTION #7
SR 400 (I-4) TWO LANE RAMP

TYPICAL SECTION NOTES:
1. SEE RAMP PROFILE SHEETS FOR CROSS SLOPES.
2. SEE TYPICAL SECTION DETAILS FOR ADDITIONAL PARTIAL TYPICAL SECTIONS.

NEW CONSTRUCTION (HIGH ESAL)
STA 600+45.62 TO STA 604+30.00

OPTIONAL BASE GROUP 11 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (4")
USE MODIFIED ASPHALT BINDER (PG 76-22) IN TOP LAYER
AND FRICTION COURSE (FC-9.5) (1") (PG 76-22)
PER FDOT STD PLANS 400-090 PLACE FRICTION COURSE
(FC-9.5) (1.75") (PG 76-22) OVERLAY ON APPROACH SLAB

NEW CONSTRUCTION (HIGH ESAL)
STA 610+57.00 TO STA 625+14.72

OPTIONAL BASE GROUP 11 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (4")
USE MODIFIED ASPHALT BINDER (PG 76-22) IN TOP LAYER
AND FRICTION COURSE (FC-5) (3/4") (PG 76-22)
PER FDOT STD PLANS 400-090 PLACE FRICTION COURSE
(FC-5) (1.75") (PG 76-22) OVERLAY ON APPROACH SLAB

SHOULDER PAVEMENT

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

RAMP	STATION RANGE	MOVEMENT	DESIGN SPEED (MPH)
IC_DCP	600+00.00 - 625+14.72	DCP TO EB_I4	20-50

TRAFFIC DATA

CURRENT YEAR = 2017 AADT = 17,800
ESTIMATED OPENING YEAR = 2020 AADT = 18,840
ESTIMATED DESIGN YEAR = 2040 AADT = 22,660
K = 7.4% D = 100% T = 10.8% (24 HOUR)
DESIGN HOUR T = 5.4%

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2 LANE RAMP
TYPICAL SECTION

SHEET NO. 38

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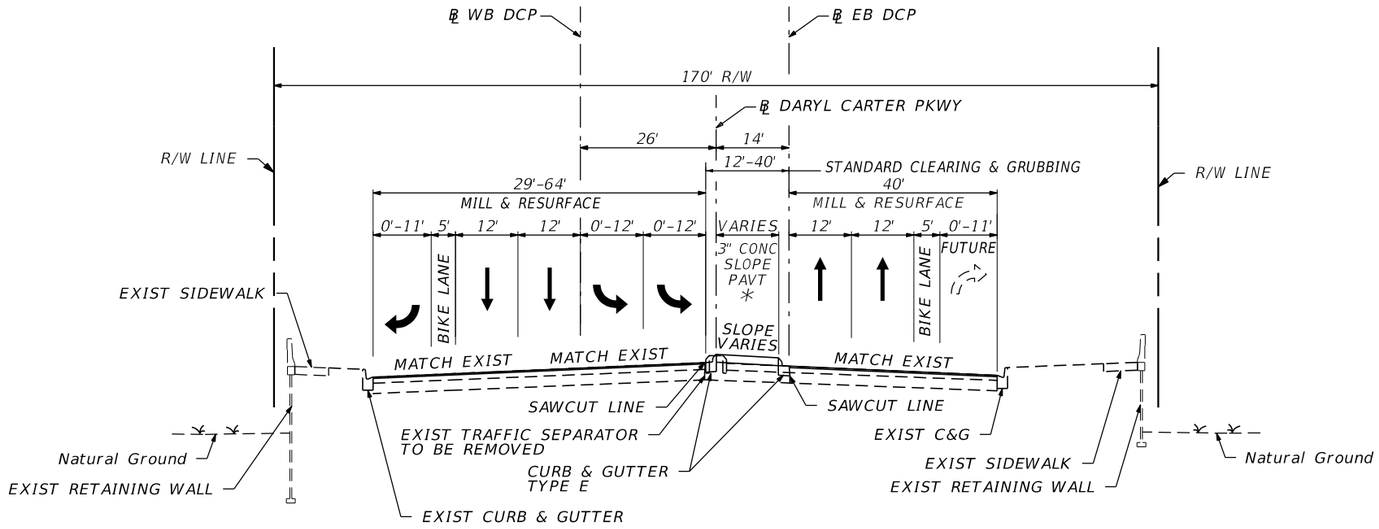

TYPICAL SECTION #8

℄ DARYL CARTER PKWY STA. 104+14.91 to STA. 109+70.77

* TRAFFIC SEPARATOR FROM STA 104+17.70 TO ISTA 106+34.03

MILL & RESURFACE

MILL EXIST PAVEMENT 1.5"

RESURFACE 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

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DARYL CARTER PKWY
TYPICAL SECTION

SHEET NO. 39

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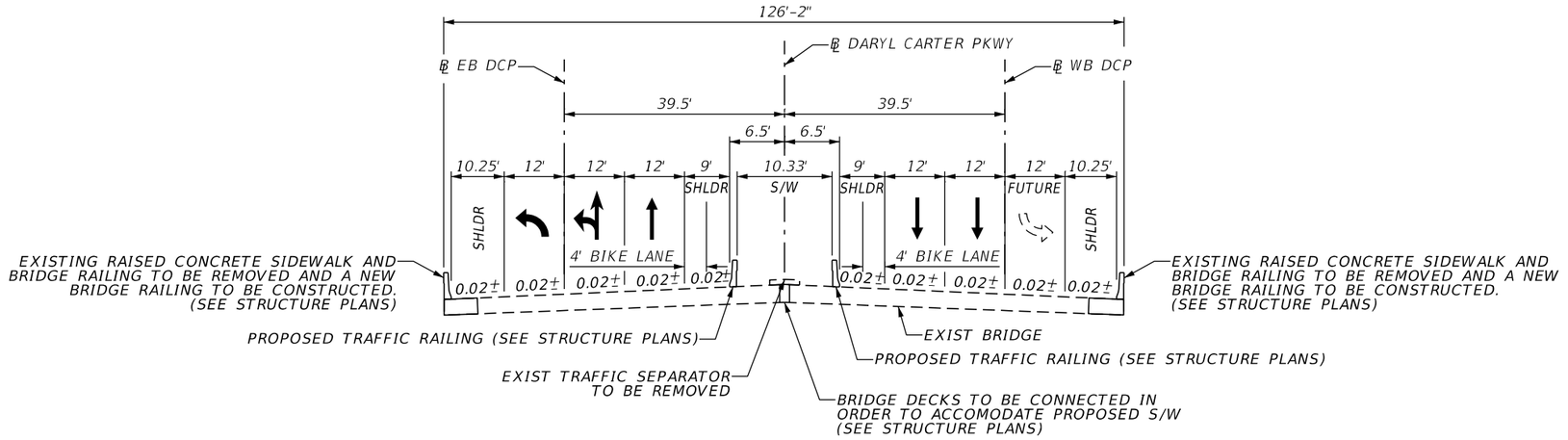

TYPICAL SECTION #9 - EXISTING BRIDGE AND APPROACH SLAB MODIFICATION

℄ 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)

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

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DARYL CARTER PKWY
TYPICAL SECTION

SHEET NO. 40

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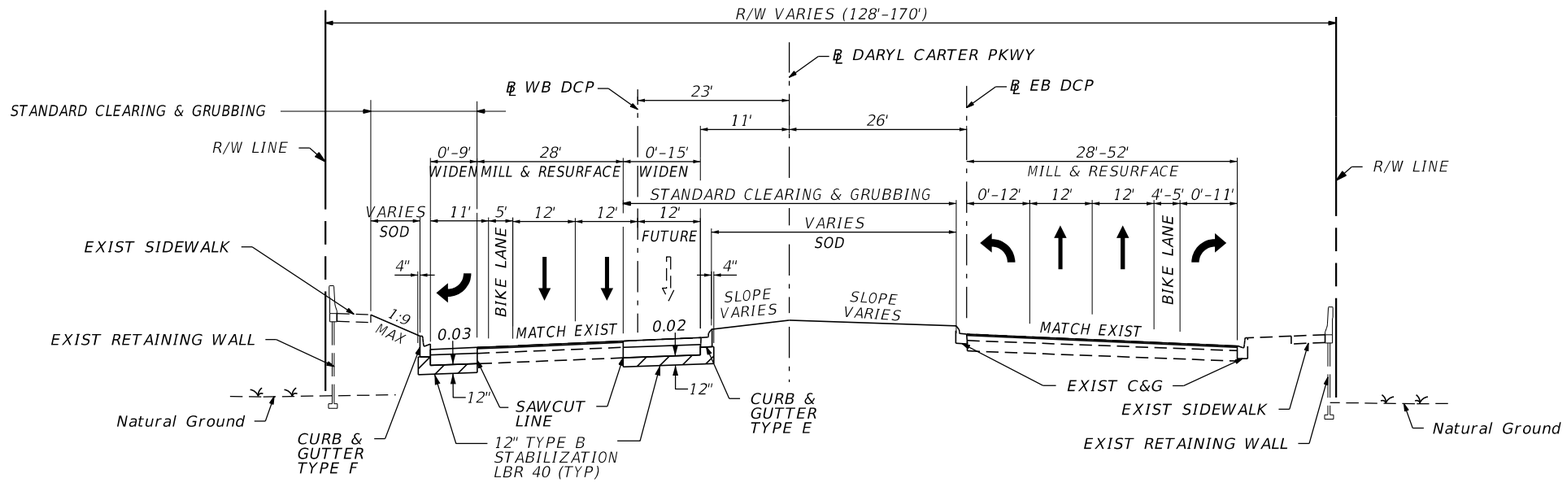
glen.dvorovy 5/6/2020 4:38:06 PM c:\pwworking\aecom_na\glen.dvorovy\d0164997\TYPSRD09.DGN



TYPICAL SECTION #10

℄ DARYL CARTER PKWY STA. 114+30.77 to STA. 121+98.00

WIDEN

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)

TRAFFIC DATA

CURRENT YEAR = 2017 AADT = 29, 560
ESTIMATED OPENING YEAR = 2020 AADT = 31,240
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

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DARYL CARTER PKWY
TYPICAL SECTION

SHEET NO. 41

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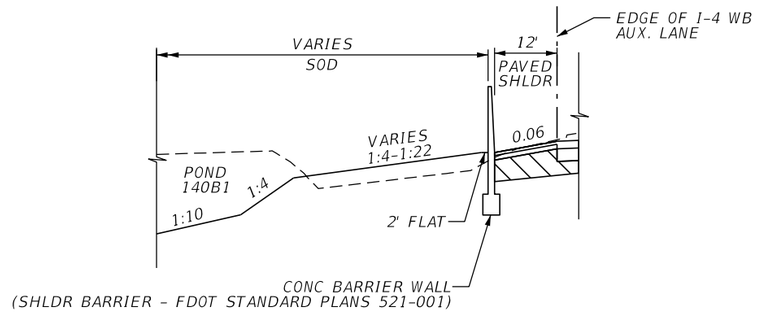
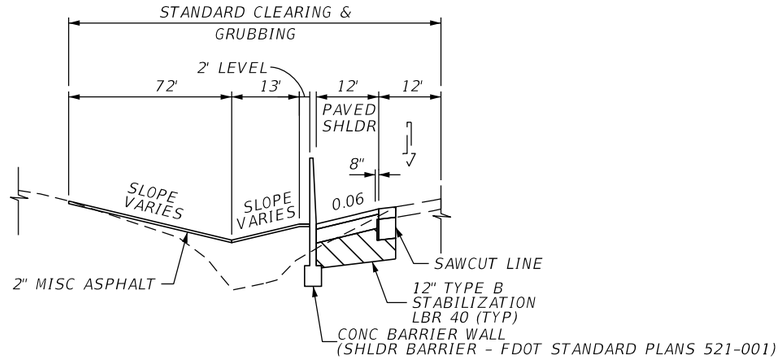


PARTIAL SECTION

BARRIER WALL LT

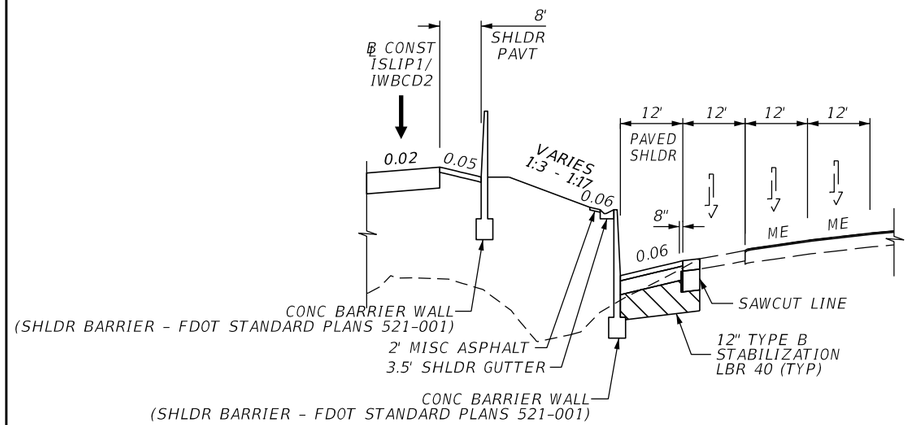
℄ SURVEY SR 400 STA 636+88.13 to STA 645+68.21



PARTIAL SECTION

BARRIER WALL W/MISC ASPHALT LT

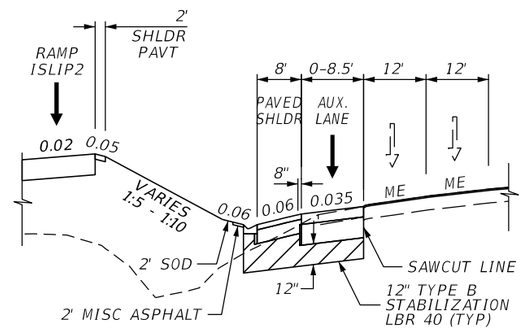
℄ SURVEY SR 400 (I-4) STA 644+33.18 to STA 645+59.56



PARTIAL SECTION

BARRIER WALL W/SHOULDER GUTTER LT

℄ SURVEY SR 400 (I-4) STA 651+69.52 to STA 660+97.66



PARTIAL SECTION

SHLDR GUTTER W/MISC ASPHALT LT

℄ SURVEY SR 400 (I-4) STA 681+99.83 to STA 686+40.00

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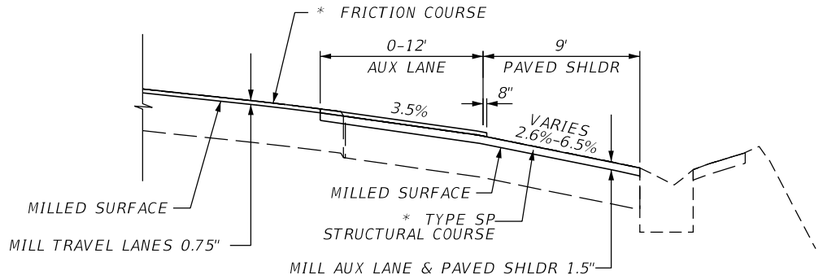
SR 400 (I-4)
TYPICAL SECTION DETAILS

SHEET NO. 42

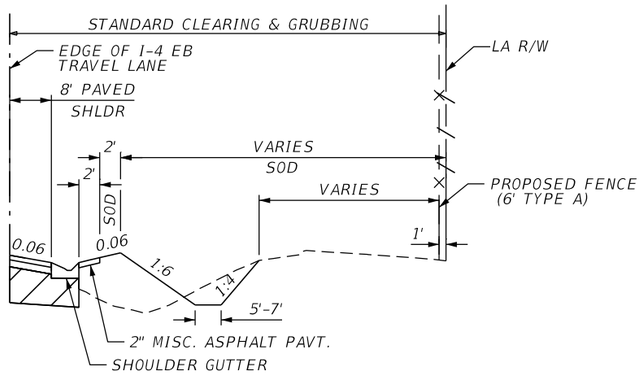


* SEE TYPICAL SECTION 1 FOR PAVEMENT DESIGN.

PARTIAL SECTION

MILL & RESURFACE WITH OVERBUILD RT

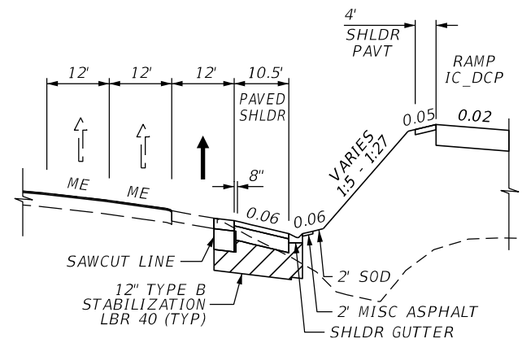
℄ SURVEY SR 400 (I-4) STA 556+79.97 to STA 562+50.00



PARTIAL SECTION

SHLDR GUTTER W/MISC ASPHALT RT

℄ SURVEY SR 400 STA 619+92.33 to STA 625+99.74



PARTIAL SECTION

SHOULDER GUTTER W/MISC ASPHALT RT

℄ SURVEY SR 400 (I-4) STA 657+65.48 to STA 662+71.33

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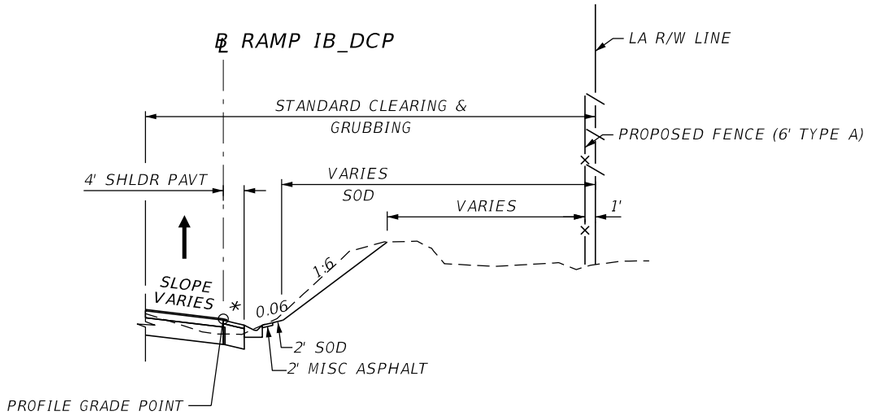
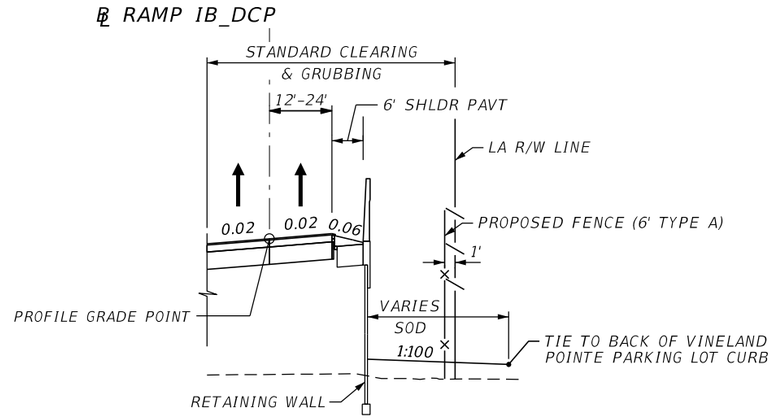
SR 400 (I-4)
TYPICAL SECTION DETAILS

SHEET NO. 43

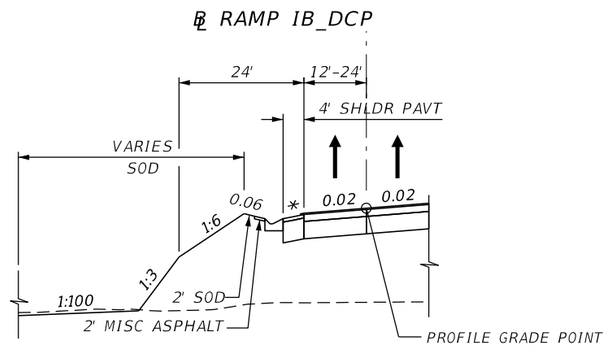


PARTIAL SECTION
SHLDR GUTTER W/MISC ASPHALT RT
℄ RAMP IB_DCP STA 496+46.69 to STA 502+53.45

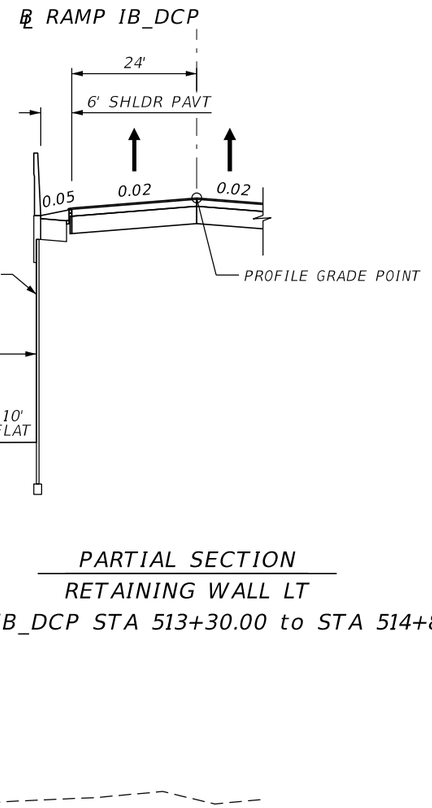
* SHOULDER PAVEMENT DESIGN AND CROSS SLOPE TO MATCH TRAVEL LANES.



PARTIAL SECTION
RETAINING WALL RT
℄ RAMP IB_DCP STA 506+40.00 to STA 514+83.06



PARTIAL SECTION
SHLDR GUTTER W/MISC ASPHALT LT
℄ RAMP IB_DCP STA 506+92.43 to STA 511+83.73



PARTIAL SECTION
RETAINING WALL LT
℄ RAMP IB_DCP STA 513+30.00 to STA 514+87.46

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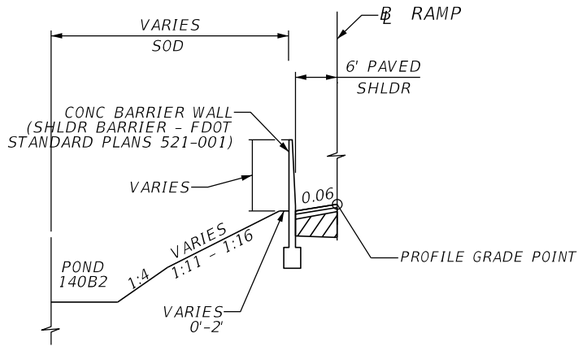
RAMP IB DCP
TYPICAL SECTION DETAILS

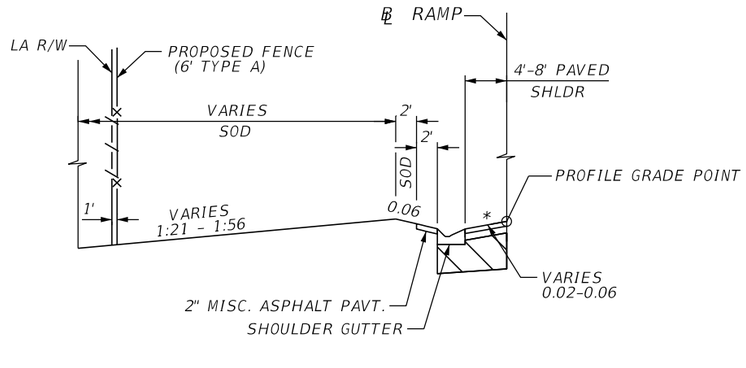
SHEET NO. 44



PARTIAL SECTION

BARRIER WALL LT

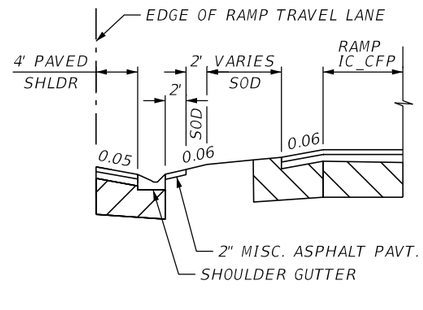
℄ RAMP ISLIP1 STA 100+00.00 to STA 107+50.00



PARTIAL SECTION

SHLDR GUTTER W/MISC ASPHALT LT

℄ RAMP IA_CFP STA 300+00.00 to STA 308+00.00



PARTIAL SECTION

SHLDR GUTTER W/MISC ASPHALT RT

℄ RAMP IA_CFP STA 305+34.00 to STA 308+00.00

* SHOULDER PAVEMENT DESIGN AND CROSS SLOPE TO MATCH TRAVEL LANE WHERE SHOULDER WIDTH IS LESS THAN 6 FT.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
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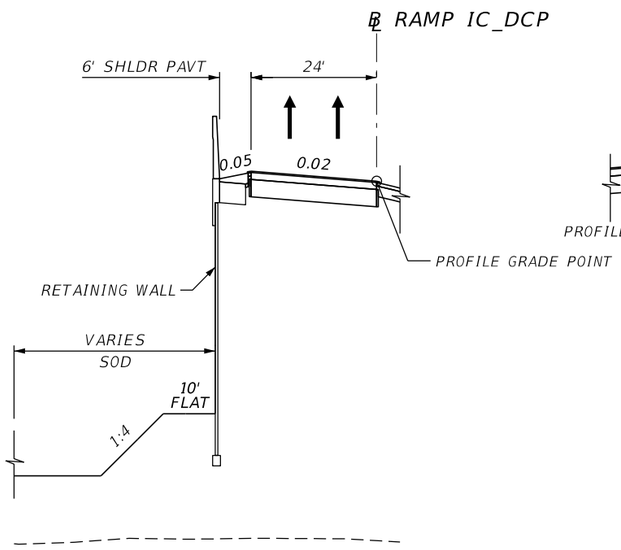
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

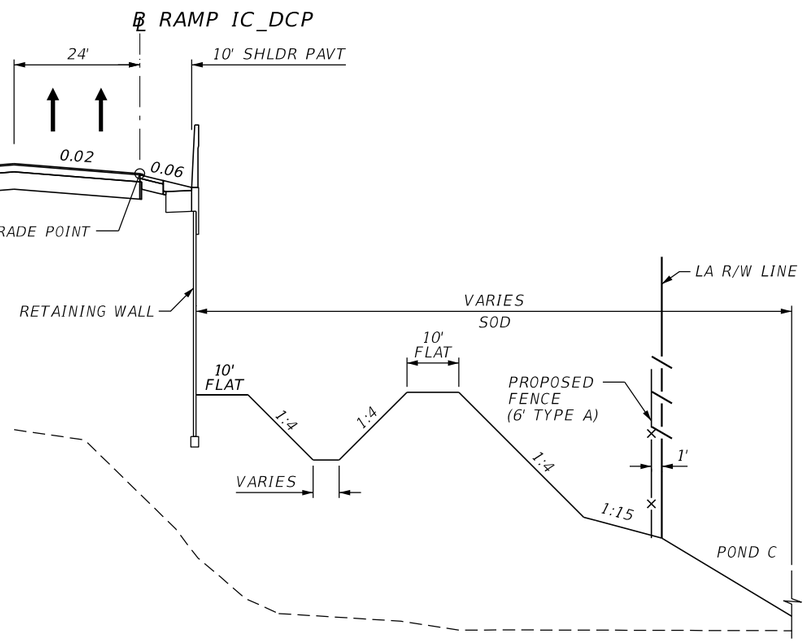
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IA_CFP / ISLIP1 TYPICAL SECTION DETAILS

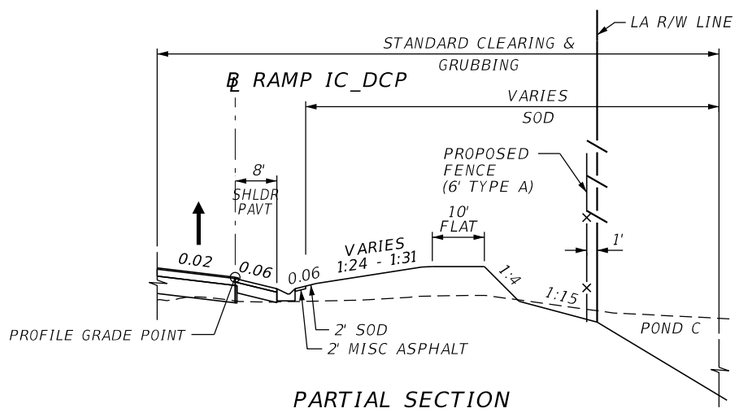
SHEET NO. 45



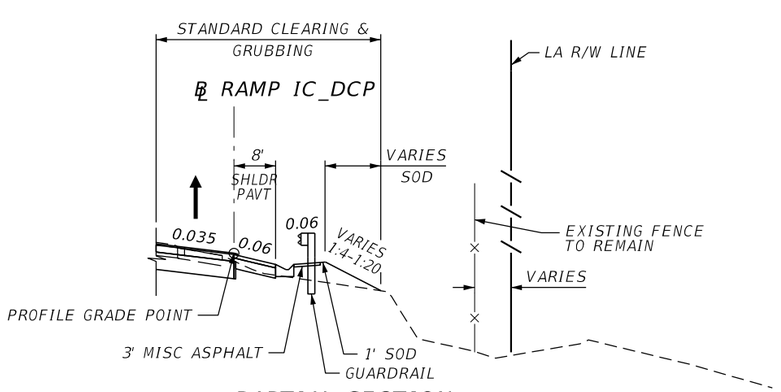
PARTIAL SECTION
RETAINING WALL LT
℄ RAMP IC_DCP STA 600+73.69 to STA 604+32.00
℄ RAMP IC_DCP STA 610+55.00 to STA 613+19.83



PARTIAL SECTION
RETAINING WALL RT
℄ RAMP IC_DCP STA 600+75.97 to STA 604+32.00 (DITCH ONLY)
℄ RAMP IC_DCP STA 610+55.00 to STA 614+00.00



PARTIAL SECTION
SHLDR GUTTER W/MISC ASPHALT RT
℄ RAMP IC_DCP STA 614+00.00 to STA 618+11.64



PARTIAL SECTION
GUARDRAIL RT
℄ RAMP IC_DCP STA 618+11.64 to STA 625+14.72

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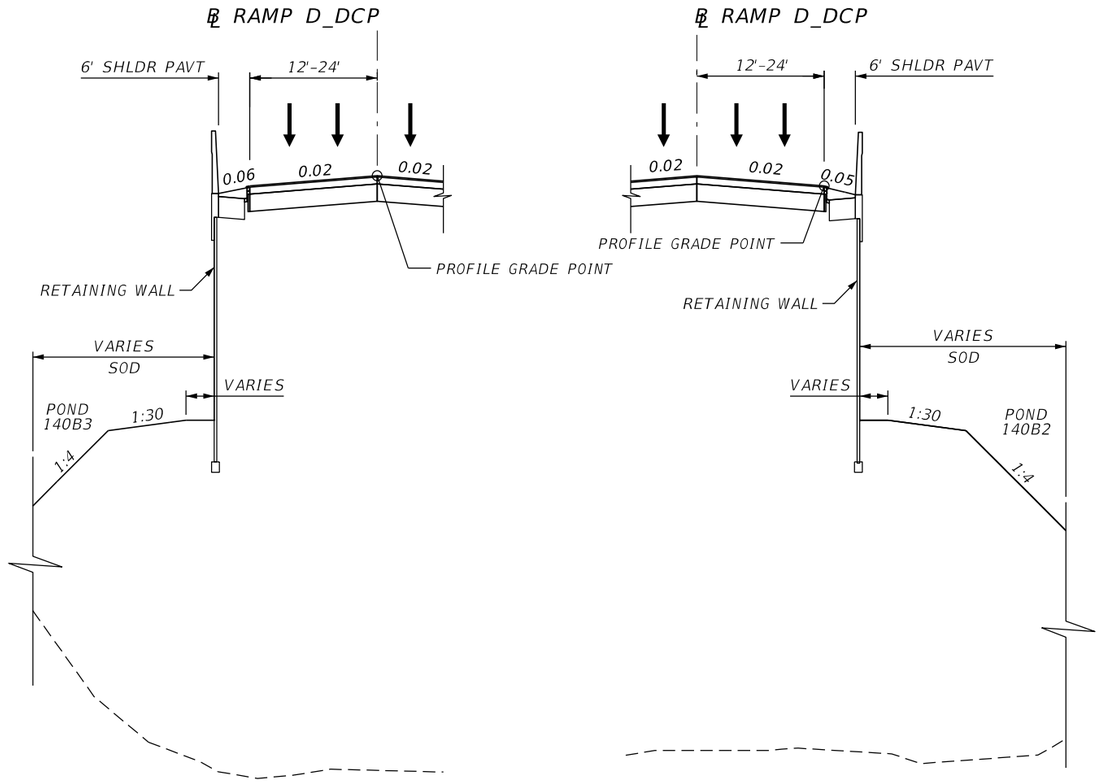
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

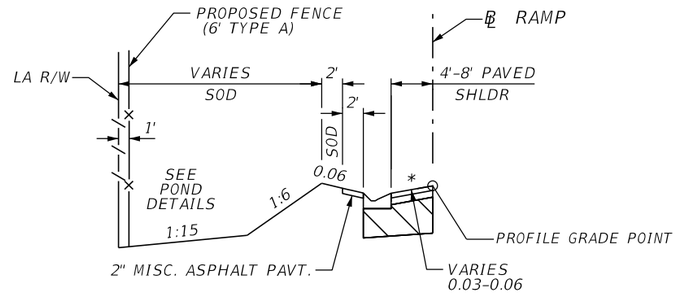
RAMP IC DCP
TYPICAL SECTION DETAILS

SHEET NO. 46



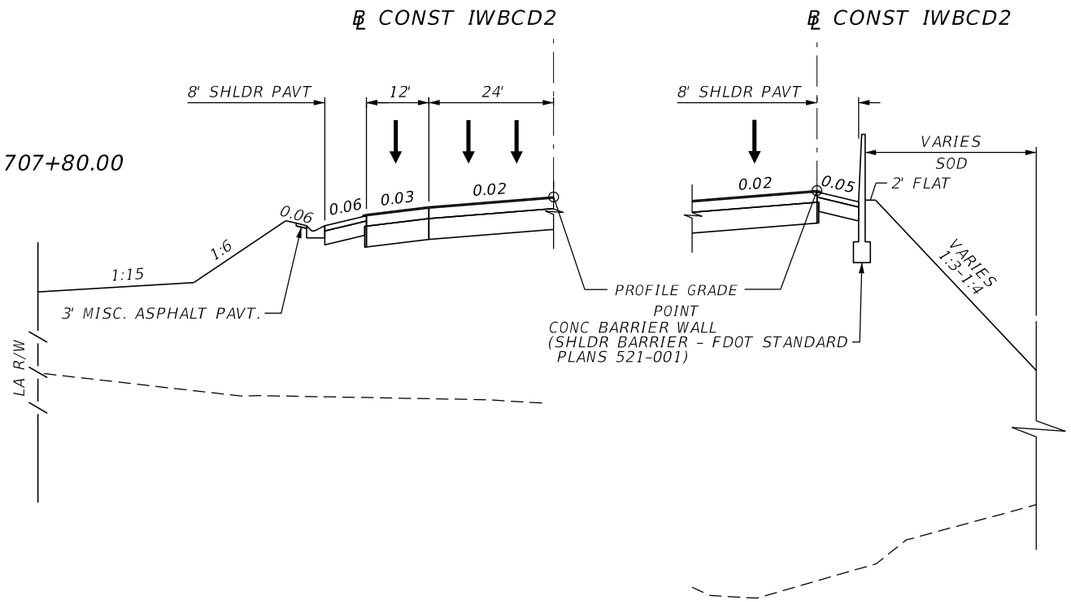
PARTIAL SECTION
RETAINING WALL LT
℄ RAMP D_DCP STA 700+72.99 to STA 707+80.00

PARTIAL SECTION
RETAINING WALL RT
℄ RAMP D_DCP STA 700+72.99 to STA 707+80.00



PARTIAL SECTION
SHLDR GUTTER W/MISC ASPHALT LT
℄ RAMP D_DCP STA 710+80.30 to STA 717+26.89

* SHOULDER PAVEMENT DESIGN AND CROSS SLOPE TO MATCH TRAVEL LANE WHERE SHOULDER WIDTH IS LESS THAN 6 FT.



PARTIAL SECTION
SHOULDER GUTTER W/MISC ASPHALT LT
℄ CONST IWBCD2 STA 7070+48.53 to STA 7078+70.88

PARTIAL SECTION
BARRIER WALL RT
℄ CONST IWBCD2 STA 7070+48.53 to STA 7078+70.88

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DEPARTMENT OF TRANSPORTATION

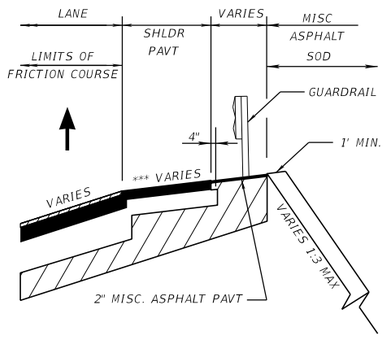
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP D DCP / IWBCD2 TYPICAL SECTION DETAILS

SHEET NO. 47

SUMMARY OF NON-STANDARD SHOULDER SUPERELEVATION

	STATION	TO	STATION	BASELINE	DIRECTION	LOCATION	TRANSITION DESCRIPTION	REMARKS
	629+96.00	TO	630+96.00	SR 400	EB	RT	e = (-) 0.035 TO e = (-) 0.060	
	625+57.00	TO	626+57.00	SR 400	EB	RT	e = (-) 0.060 TO e = (-) 0.035	
	626+57.00	TO	629+15.00	SR 400	EB	RT	e = (-) 0.035	
	663+19.00	TO	664+19.00	SR 400	EB	RT	e = (-) 0.050 TO e = (-) 0.035	
	651+17.00	TO	652+17.00	SR 400	WB	LT	e = (-) 0.0275 TO e = (-) 0.060	
	685+60.00	TO	686+60.00	SR 400	WB	LT	e = (-) 0.060 TO e = (-) 0.033	
	499+61.88	TO	500+61.88	RAMP IB_DCP	EB	RT	e = (-)0.035 TO e = (-) 0.030	
	500+61.88	TO	503+00.00	RAMP IB_DCP	EB	RT	e = (-) 0.030	
	503+00.00	TO	504+00.00	RAMP IB_DCP	EB	RT	e = (-) 0.030 TO e = (-)0.060	
•••	500+43.00	TO	501+43.00	RAMP IB_DCP	EB	LT	e = (+) 0.035 TO e = (-)0.040	
	505+92.00	TO	506+92.00	RAMP IB_DCP	EB	LT	e = (-) 0.050 TO e = (-) 0.0174	
	512+30.00	TO	513+30.00	RAMP IB_DCP	EB	LT	e = (-) 0.020 TO e = (-) 0.050	
•••	603+00.00	TO	604+00.00	RAMP IC_DCP	EB	LT	e = (-) 0.050 TO e = (+) 0.020	
	604+00.00	TO	604+02.00	RAMP IC_DCP	EB	LT	e = (+) 0.020	
	603+00.00	TO	604+00.00	RAMP IC_DCP	EB	RT	e = (-) 0.060 TO e = (-) 0.020	
	604+00.00	TO	604+02.00	RAMP IC_DCP	EB	RT	e = (-) 0.020	
	610+85.00	TO	612+00.00	RAMP IC_DCP	EB	LT	e = (+) 0.020	
•••	612+00.00	TO	613+00.00	RAMP IC_DCP	EB	LT	e = (+) 0.020 TO e = (-) 0.050	
	610+85.00	TO	611+00.00	RAMP IC_DCP	EB	RT	e = (+) 0.020	
	611+00.00	TO	612+00.00	RAMP IC_DCP	EB	RT	e = (-) 0.020 TO e = (-) 0.060	
•••	616+40.00	TO	617+40.00	RAMP IC_DCP	EB	LT	e = (-) 0.050 TO e = (+) 0.020	
	617+40.00	TO	618+37.19	RAMP IC_DCP	EB	LT	e = (+) 0.020	
	618+37.19	TO	619+37.19	RAMP IC_DCP	EB	LT	e = (+) 0.020 TO e = (+) 0.035	
	706+80.00	TO	707+80.00	RAMP D_DCP	WB	LT	e = (-) 0.060 TO e = (-) 0.0514	
•••	709+80.00	TO	710+80.00	RAMP D_DCP	WB	RT	e = (-) 0.050 TO e = (+) 0.020	
	710+80.00	TO	711+00.00	RAMP D_DCP	WB	RT	e = (+) 0.020	
	714+50.00	TO	715+50.00	RAMP D_DCP	WB	LT	e = (-) 0.030 TO e = (-) 0.060	
	104+00.00	TO	105+00.00	ISLIP1	WB	LANE	e = (+) 0.035	
•••	105+00.00	TO	106+00.00	ISLIP1	WB	LANE	e = (-) 0.035 TO e = (+) 0.020	
•••	105+49.00	TO	106+49.00	ISLIP1	WB	RT	e = (+) 0.0275 TO e = (-) 0.050	
	106+50.00	TO	107+50.00	ISLIP1	WB	LT	e = (-) 0.060 TO e = (-) 0.020	
	213+00.00	TO	214+00.00	ISLIP2	WB	LANE	e = (+) 0.020 TO e = (+) 0.035	
	214+00.00	TO	215+44.00	ISLIP2	WB	LANE	e = (+) 0.035	
	207+37.00	TO	208+37.00	ISLIP2	WB	LT	e = (-) 0.020 TO e = (-) 0.060	
•••	212+40.00	TO	213+40.00	ISLIP2	WB	RT	e = (-) 0.050 TO e = (+) 0.033	
	213+40.00	TO	214+57.00	ISLIP2	WB	RT	e = (+) 0.033	
•••	7087+73.00	TO	7088+73.00	IWBCD2	WB	RT	e = (+) 0.020 TO e = (-) 0.050	
•••	305+06.00	TO	306+06.00	RAMP IA_CFP	WB	RT	e = (+) 0.020 TO e = (-) 0.050	
	308+00.00	TO	309+00.00	RAMP IA_CFP	WB	LT	e = (-) 0.020 TO e = (-) 0.060	
	405+07.00	TO	406+07.00	RAMP IC_CFP	WB	LT	e = (-) 0.020 TO e = (-) 0.060	



SHOULDER HIGH SIDE OF SUPERELEVATION

GUARDRAIL ADJACENT TO SHOULDER SHOWN, APPLIES TO BARRIER WALL AND FLUSH SHOULDER AS WELL.

••• PROVIDE A 20' LONG VERTICAL TRANSITION OF THE SHOULDER PAVEMENT STRUCTURAL SECTION FROM 0.75" BELOW THE TOP OF THE HIGH SIDE FRICTION COURSE, TO FLUSH WITH THE TOP OF THE FRICTION COURSE. END THE VERTICAL SHOULDER PAVEMENT TRANSITION WHEN THE HIGH SIDE SHOULDER PAVEMENT CROSS SLOPE EQUALS 0% AND KEEP IT FLUSH WITH THE FRICTION COURSE THROUGH THE FULL SUPER DISTANCE.

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REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TYPICAL SECTION NON STANDARD SE

SHEET NO. 48

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)														TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)						TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE				P-BOT	J-BOT	P-BOT	P-BOT		J-BOT		PARTIAL	MOD. TOP	P-BOT		J-BOT		P-BOT		J-BOT	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"	<10'	>10'	<10'	<10'	>10'	<10'	>10'			<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'
P	BSL201	606+92.58	PND141	RT.	Inlet, Pipe	1	261																														
F																																					
P	BSL202	609+05.84	PND141	RT.	Inlet, Pipe	1	113																														
F																																					
P	BSL203	609+96.91	PND141	LT.	Manhole, Pipe	1					73																1										
F																																					
P	BSL203O	610+72.38	PND141	RT.	MES																																
F																																					
P	BSL204	612+55.40	PND141	RT.	Inlet, Pipe	1	103																														
F																																					
P	BSL205	613+61.61	PND141	RT.	Manhole, Pipe	1	143																			1										
F																																					
P	BSL206	615+07.50	PND141	RT.	Inlet, Pipe	1		301																													
F																																					
P	BSL207	618+11.00	PND141	LT.	Inlet, Pipe	1		188																													
F																																					
P	BSL208	620+03.20	PND141	LT.	Manhole, Pipe	1			238																	1										
F																																					
P	BSL209	622+46.62	PND141	LT.	Inlet, Pipe	1			212																												
F																																					
P	BSL210	624+61.62	PND141	LT.	Manhole, Pipe	1			224																	1										
F																																					
P	BSL211	626+88.65	PND141	LT.	Inlet, Pipe	1			204																												
F																																					
P	BSL212	628+95.40	PND141	LT.	Manhole, Pipe	1			185																	1										
F																																					
P	BSL213	630+83.92	PND141	LT.	Inlet, Pipe	1			226																												
F																																					
P	BSL214	633+12.88	PND141	LT.	Inlet, Pipe	1			242																												
F																																					
P	BSL215	635+57.37	PND141	LT.	Inlet, Pipe	1			131																												
F																																					
P	BSL216	637+37.89	PND141	LT.	Manhole, Pipe	1										11											1										
F																																					
P	BSL216A	636+92.80	PND141	LT.	Manhole, Pipe	1			34																		1										
F																																					
P	BSL217	637+99.98	PND141	RT.	Inlet, Pipe	1	71																														
F																																					
Sheet Summary					P Total		691	489	1696	0	73	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	0	0	0
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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	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 49

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)								CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT										STRAIGHT				CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	BSL201	606+92.58	PND141	RT.	1																											
F																																
P	BSL202	609+05.84	PND141	RT.	1																											
F																																
P	BSL203	609+96.91	PND141	LT.																												ALT. A 8.0' DIA
F																																
P	BSL203O	610+72.38	PND141	RT.															1													MES 1:2
F																																
P	BSL204	612+55.40	PND141	RT.	1																											
F																																
P	BSL205	613+61.61	PND141	RT.																												ALT. B 4.0'x5.0'
F																																
P	BSL206	615+07.50	PND141	RT.	1																											
F																																
P	BSL207	618+11.00	PND141	LT.	1																											
F																																
P	BSL208	620+03.20	PND141	LT.																												ALT. B 4.0'x5.0'
F																																
P	BSL209	622+46.62	PND141	LT.	1																											
F																																
P	BSL210	624+61.62	PND141	LT.																												ALT. B 4.0'x5.0'
F																																
P	BSL211	626+88.65	PND141	LT.	1																											
F																																
P	BSL212	628+95.40	PND141	LT.																												ALT. B 4.0'x5.0'
F																																
P	BSL213	630+83.92	PND141	LT.	1																											
F																																
P	BSL214	633+12.88	PND141	LT.	1																											
F																																
P	BSL215	635+57.37	PND141	LT.	1																											
F																																
P	BSL216	637+37.89	PND141	LT.																												ALT. B 4.0'x8.0'
F																																
P	BSL216A	636+92.80	PND141	LT.																												ALT. A 6.0' DIA
F																																
P	BSL217	637+99.98	PND141	RT.	1																											
F																																
Sheet Summary	P Total				11	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	F Total				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 50

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)													TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)						TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE																				
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"	P-BOT <10'	J-BOT >10'	P-BOT <10'	P-BOT <10'	P-BOT >10'	J-BOT <10'	J-BOT >10'	PARTIAL	MOD. TOP	P-BOT <10'	P-BOT >10'	J-BOT <10'	J-BOT >10'	P-BOT <10'	P-BOT >10'	J-BOT <10'	J-BOT >10'
P	CS-140B3A	610+02.34	PND141	RT.	Inlet, Pipe	1	162																													
F																																				
P	CS-140B3B	611+11.33	PND141	RT.	MES																															
F																																				
P	CS_141B1	613+99.45	PND141	RT.	Inlet, Pipe	1	16																													
F																																				
P	CS_141B2	620+03.13	PND141	LT.	Inlet, Pipe	1	11																													
F																																				
P	CS_141B3	626+88.51	PND141	RT.	Inlet, Pipe	1	39																													
F																																				
P	CS_141B4	638+62.23	PND141	RT.	Inlet, Pipe	1	65																													
F																																				
P	CS-142B1	1015+61.62	POND142	RT.	Inlet, Pipe	1	45																													
F																																				
P	CS-142B2	1015+61.62	POND142	LT.	Manhole, Pipe	1	273																	1												
F																																				
P	FPC141A	637+21.18	PND141	RT.	MES, Pipe	1			13																											
F																																				
P	FPC141B	637+29.70	PND141	LT.	Manhole, Pipe	1										17											1									
F																																				
P	NBSL0140	637+43.48	PND141	LT.	Manhole, Pipe	1										8											1									
F																																				
P	S-100C	115+54.69	CL_DCP	RT.	Inlet, Pipe	1	30														1															
F																																				
P	S-101A	570+00.00	BL400	RT.	Inlet, Pipe	1	97																													
F																																				
P	S-101C	115+54.22	CL_DCP	RT.	Manhole, Pipe	1		8																			1									
F																																				
P	S-102A	571+00.00	BL400	RT.	Inlet, Pipe	1	97																													
F																																				
P	S-102C	115+54.27	CL_DCP	LT.	Inlet, Pipe	1	32														1															
F																																				
P	S-103A	572+00.00	BL400	RT.	Inlet, Pipe	1	97																													
F																																				
P	S-103C	116+26.50	CL_DCP	RT.	Manhole, Pipe	1		16																			1									
F																																				
P	S-104A	573+00.00	BL400	RT.	Inlet, Pipe	1		97																												
F																																				
	Sheet Summary				P Total		964	121	13	0	0	0	0	0	0	25	0	0	0	0	2	0	0	1	0	0	4	0	0	0	0	0	0	0	0	0
					F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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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	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 51

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)								CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT										STRAIGHT				CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	CS-140B3A	610+02.34	PND141	RT.						1																						SEE CONTROL STRUCTURE DETAIL
F																																
P	CS-140B3B	611+11.33	PND141	RT.											1															25		1:4
F																																
P	CS_141B1	613+99.45	PND141	RT.					1																							SEE CONTROL STRUCTURE DETAIL
F																																
P	CS_141B2	620+03.13	PND141	LT.					1																							SEE CONTROL STRUCTURE DETAIL
F																																
P	CS_141B3	626+88.51	PND141	RT.					1																							SEE CONTROL STRUCTURE DETAIL
F																																
P	CS_141B4	638+62.23	PND141	RT.						1																						SEE CONTROL STRUCTURE DETAIL
F																																
P	CS-142B1	1015+61.62	POND142	RT.					1																							SEE CONTROL STRUCTURE DETAIL
F																																
P	CS-142B2	1015+61.62	POND142	LT.																												
F																																
P	FPC141A	637+21.18	PND141	RT.													1													31		1:4
F																																
P	FPC141B	637+29.70	PND141	LT.																												ALT. B 5.0'x8.0'
F																																
P	NBSL0140	637+43.48	PND141	LT.																												ALT. B 4.0'x8.0'; 38"X60" CONCRETE JACKET CONNECTION
F																																
P	S-100C	115+54.69	CL_DCP	RT.																												ALT. A 4.0' DIA
F																																
P	S-101A	570+00.00	BL400	RT.							1																					
F																																
P	S-101C	115+54.22	CL_DCP	RT.																											19.0	ALT. A 5.0' DIA; 118-LF OF 18" FLOWABLE FILL; 97-LF OF 24" FLOWABLE FILL; CONC. JACKET CONNECTION
F																																
P	S-102A	571+00.00	BL400	RT.							1																					
F																																
P	S-102C	115+54.27	CL_DCP	LT.																												ALT. A 4.0' DIA
F																																
P	S-103A	572+00.00	BL400	RT.							1																					
F																																
P	S-103C	116+26.50	CL_DCP	RT.																												ALT. A 5.0' DIA; TWO 24" CONCRETE JACKET CONNECTIONS
F																																
P	S-104A	573+00.00	BL400	RT.							1																					
F																																
Sheet Summary	P Total				0	0	0	0	4	2	4	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	56.0	19.0	
	F Total				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 52

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)														TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)						TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE				P-BOT	J-BOT	P-BOT	P-BOT		J-BOT		PARTIAL	MOD. TOP	P-BOT		J-BOT		P-BOT		J-BOT	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"	<10'	>10'	<10'	<10'	>10'	<10'	>10'			<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'
P	S-104C	116+26.50	CL_DCP	LT.	Inlet, Pipe	1	65														1															
F																																						
P	S-105A	574+00.00	BL400	RT.	Inlet, Pipe	1		97																														
F																																						
P	S-105C	116+76.70	CL_DCP	RT.	Inlet, Pipe	1	56														1															
F																																						
P	S-106A	575+01.23	BL400	RT.	Inlet, Pipe	1						16																										
F																																						
P	S-106C	116+76.70	CL_DCP	RT.	Manhole, Pipe	1		16																	1												
F																																						
P	S-107A	576+08.01	BL400	RT.	Inlet, Pipe	1	103																														
F																																						
P	680	118+17.06	CL_DCP	LT.	Manhole																								1								
F																																						
P	S-109A	577+00.00	BL400	RT.	Inlet, Pipe	1	97																														
F																																						
P	S-109C	118+17.02	CL_DCP	LT.	Inlet, Pipe	1	65														1															
F																																						
P	S-110A	578+00.00	BL400	RT.	Inlet, Pipe	1	18																														
F																																						
P	S-110C	120+02.57	CL_DCP	LT.	Manhole, Pipe	1	163																	1													
F																																						
P	S-111A	578+00.00	BL400	RT.	EW																																
F																																						
P	S-111C	120+02.57	CL_DCP	LT.	Inlet, Pipe	1	65														1															
F																																						
P	S-112A	579+00.00	BL400	RT.	Inlet, Pipe	1	97																														
F																																						
P	S-113A	580+00.00	BL400	RT.	Inlet, Pipe	1	97																														
F																																						
P	S-113C	121+70.56	CL_DCP	LT.	Manhole, Pipe	1						16														1											
F																																						
P	S-114A	620+00.00	BL400	RT.	Inlet, Pipe	1		25																													
F																																						
P	S-115A	620+00.00	BL400	RT.	EW																																
F																																						
P	S-116A	621+00.12	BL400	RT.	Inlet, Pipe	1		97																													
F																																						
	Sheet Summary				P Total		826	235	0	0	0	32	0	0	0	0	0	0	0	0	4	0	0	1	0	0	2	0	1	0	0	0	0	0	0	0	0
					F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 53

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)								CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT										STRAIGHT				CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	S-104C	116+26.50	CL_DCP	LT.																												ALT. A 4.0' DIA
F																																
P	S-105A	574+00.00	BL400	RT.							1																					
F																																
P	S-105C	116+76.70	CL_DCP	RT.																												ALT. A 4.0' DIA
F																																
P	S-106A	575+01.23	BL400	RT.									1																			ALT. B 4.0'X6.0'; TWO 48" CONCRETE JACKET CONNECTIONS
F																																
P	S-106C	116+76.70	CL_DCP	RT.																												ALT. A 5.0' DIA; TWO 24" CONC. JACKET CONNECTIONS
F																																
P	S-107A	576+08.01	BL400	RT.							1																					
F																																
P	680	118+17.06	CL_DCP	LT.																												
F																																
P	S-109A	577+00.00	BL400	RT.							1																					
F																																
P	S-109C	118+17.02	CL_DCP	LT.																												ALT. A 4.0' DIA
F																																
P	S-110A	578+00.00	BL400	RT.							1																					
F																																
P	S-110C	120+02.57	CL_DCP	LT.																												ALT. A 4.0' DIA
F																																
P	S-111A	578+00.00	BL400	RT.																			1.56									18", 0 DEGREES, CONC. ENDWALL; 6" DITCH PAVEMENT
F																																
P	S-111C	120+02.57	CL_DCP	LT.																												ALT. A 4.0' DIA
F																																
P	S-112A	579+00.00	BL400	RT.							1																					
F																																
P	S-113A	580+00.00	BL400	RT.							1																					
F																																
P	S-113C	121+70.56	CL_DCP	LT.																												ALT. B 4.0'x7.0'; TWO 48" CONCRETE JACKET CONNECTIONS
F																																
P	S-114A	620+00.00	BL400	RT.							1																					
F																																
P	S-115A	620+00.00	BL400	RT.																				2.24								24", 0 DEGREES, CONC. ENDWALL, 6" DITCH PAVEMENT
F																																
P	S-116A	621+00.12	BL400	RT.							1																					
F																																
Sheet Summary	P Total				0	0	0	0	0	0	8	0	1	0	0	0	0	0	0	0	0	0	0	1.56	2.24	0	0	0	0	0	0	0	
	F Total				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 54

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)													TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)						TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE					P-BOT	J-BOT	P-BOT	P-BOT		J-BOT		PARTIAL	MOD. TOP	P-BOT		J-BOT		P-BOT		J-BOT	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"		<10'	>10'	<10'	<10'	>10'	<10'	>10'			<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'
P	S-117A	622+50.09	BL400	RT.	Inlet, Pipe	1		147																												
F																																				
P	S-118A	624+00.01	BL400	RT.	Inlet, Pipe	1		146																												
F																																				
P	S-119A	625+50.00	BL400	RT.	Inlet, Pipe	1		146																												
F																																				
P	S-120A	497+00.00	IB_DCP	RT.	Inlet, Pipe	1		99																												
F																																				
P	S-121A	497+46.03	IB_DCP	RT.	Inlet, Pipe	1		43																												
F																																				
P	S-122A	498+00.00	IB_DCP	RT.	Inlet, Pipe	1		50																												
F																																				
P	S-123A	498+50.00	IB_DCP	RT.	Inlet, Pipe	1		46																												
F																																				
P	S-124A	499+00.00	IB_DCP	RT.	Inlet, Pipe	1	46																													
F																																				
P	S-125A	499+50.00	IB_DCP	RT.	Inlet, Pipe	1	46																													
F																																				
P	S-126A	500+00.00	IB_DCP	RT.	Inlet, Pipe	1	46																													
F																																				
P	S-127A	500+40.00	IB_DCP	RT.	Inlet, Pipe	1	36																													
F																																				
P	S-128A	501+00.00	IB_DCP	RT.	Inlet, Pipe	1	56																													
F																																				
P	S-129A	501+00.06	IB_DCP	LT.	Inlet, Pipe	1	27																													
F																																				
P	S-200A	638+60.58	BL400	LT.	Inlet, Pipe	1	12																												1	
F																																				
P	S-201A	640+60.61	BL400	LT.	Inlet, Pipe	1		6																											1	
F																																				
P	688	107+64.26	CL_DCP	LT.	Manhole																										1					
F																																				
P	S-202C	638+60.62	BL400	LT.	Manhole, Pipe	1	196																		1											
F																																				
P	S-203A	643+10.39	BL400	LT.	Inlet, Pipe	1		6																											1	
F																																				
P	685	108+61.12	CL_DCP	LT.	Manhole																										1					
F																																				
	Sheet Summary				P Total		465	689	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	3	0	0	0
					F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 55

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)								CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT										STRAIGHT				CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	S-117A	622+50.09	BL400	RT.							1																					
F																																
P	S-118A	624+00.01	BL400	RT.							1																					
F																																
P	S-119A	625+50.00	BL400	RT.							1																					
F																																
P	S-120A	497+00.00	IB_DCP	RT.							1																					
F																																
P	S-121A	497+46.03	IB_DCP	RT.							1																					
F																																
P	S-122A	498+00.00	IB_DCP	RT.							1																					
F																																
P	S-123A	498+50.00	IB_DCP	RT.							1																					
F																																
P	S-124A	499+00.00	IB_DCP	RT.							1																					
F																																
P	S-125A	499+50.00	IB_DCP	RT.							1																					
F																																
P	S-126A	500+00.00	IB_DCP	RT.							1																					
F																																
P	S-127A	500+40.00	IB_DCP	RT.							1																					
F																																
P	S-128A	501+00.00	IB_DCP	RT.							1																					
F																																
P	S-129A	501+00.06	IB_DCP	LT.	1																											
F																																
P	S-200A	638+60.58	BL400	LT.																												
F																																
P	S-201A	640+60.61	BL400	LT.																												
F																																
P	688	107+64.26	CL_DCP	LT.																												TWO 24" CONCRETE JACKET CONNECTIONS
F																																
P	S-202C	638+60.62	BL400	LT.																												ALT. B 5.0'x4.0'
F																																
P	S-203A	643+10.39	BL400	LT.																												
F																																
P	685	108+61.12	CL_DCP	LT.																												
F																																
Sheet Summary				P Total	1	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				F Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 56

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)													TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)					TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE				P-BOT	J-BOT	P-BOT	P-BOT		J-BOT		PARTIAL	MOD. TOP	P-BOT		J-BOT		P-BOT		J-BOT	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"	<10'	>10'	<10'	<10'	>10'	<10'	>10'			<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'
P	S-204A	644+34.36	BL400	LT.	Inlet, Pipe	1	6																											1			
F																																				
P	S-205A	647+60.59	BL400	LT.	Inlet, Pipe	1		8																										1			
F																																				
P	S-206A	649+10.61	BL400	LT.	Inlet, Pipe	1		7																										1			
F																																				
P	S-206C	640+60.63	BL400	LT.	Manhole, Pipe	1		63																1													
F																																				
P	S-207C	640+60.62	BL400	LT.	MES																																
F																																				
P	S-211C	643+10.40	BL400	LT.	Manhole, Pipe	1		5																	1												
F																																				
P	S-212C	643+10.46	BL400	LT.	Manhole, Pipe	2						866													1												
F																																				
P	S-213C	643+10.46	BL400	LT.	MES, Pipe	2						94																									
F																																				
P	S-215C	644+34.36	BL400	LT.	Manhole, Pipe	1	119																	1												
F																																				
P	S-219C	647+60.57	BL400	LT.	Manhole, Pipe	1		4																	1												
F																																				
P	S-220C	647+60.57	BL400	LT.	Manhole, Pipe	2						80													1												
F																																				
P	S-221C	647+59.81	BL400	LT.	MES																																
F																																				
P	S-224C	649+10.60	BL400	LT.	Manhole, Pipe	1		54																	1												
F																																				
P	S-225C	649+10.46	BL400	LT.	MES																																
F																																				
P	S-226C	635+11.52	BL400	LT.	Inlet, Pipe	1	246																														
F																																				
P	S-229C	637+60.48	BL400	LT.	Inlet, Pipe	1	166																														
F																																				
P	S-232C	639+30.25	BL400	LT.	MES																																
F																																				
P	S-235C	639+45.09	BL400	LT.	MES																																
F																																				
P	S-236C	639+40.06	BL400	LT.	Manhole, Pipe	1	22																			1											
F																																				
Sheet Summary					P Total		559	141	0	0	0	1040	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	5	0	0	0	0	0	0	3	0	0	0
					F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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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	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 57

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)								CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT										STRAIGHT				CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	S-204A	644+34.36	BL400	LT.																												
F																																
P	S-205A	647+60.59	BL400	LT.																												
F																																
P	S-206A	649+10.61	BL400	LT.																												WALL ZONE PIPE - STEEL
F																																
P	S-206C	640+60.63	BL400	LT.																												ALT. B 5.0'x4.0'
F																																
P	S-207C	640+60.62	BL400	LT.												1															24		1:2
F																																
P	S-211C	643+10.40	BL400	LT.																												ALT. B 5.0'x4.0'
F																																
P	S-212C	643+10.46	BL400	LT.																												ALT. B 18.0'x15.0'
F																																
P	S-213C	643+10.46	BL400	LT.																1												DOUBLE 1:2
F																																
P	S-215C	644+34.36	BL400	LT.																												ALT. B 5.0'x4.0'
F																																
P	S-219C	647+60.57	BL400	LT.																												ALT. B 5.0'x4.0'
F																																
P	S-220C	647+60.57	BL400	LT.																												ALT. B 18.0'x15.0'
F																																
P	S-221C	647+59.81	BL400	LT.																1												DOUBLE 1:2
F																																
P	S-224C	649+10.60	BL400	LT.																												ALT. B 5.0'x4.0'
F																																
P	S-225C	649+10.46	BL400	LT.												1																1:2
F																																
P	S-226C	635+11.52	BL400	LT.	1																											
F																																
P	S-229C	637+60.48	BL400	LT.	1																											
F																																
P	S-232C	639+30.25	BL400	LT.											1																25		1:4
F																																
P	S-235C	639+45.09	BL400	LT.											1																25		1:4
F																																
P	S-236C	639+40.06	BL400	LT.																												ALT. A 4.0' DIA
F																																
Sheet Summary	P Total				2	0	0	0	0	0	0	0	0	0	2	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	74.0	0	
	F Total				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 58

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)														TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)						TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE				P-BOT	J-BOT	P-BOT	P-BOT		J-BOT		PARTIAL	MOD. TOP	P-BOT		J-BOT		P-BOT		J-BOT	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"	<10'	>10'	<10'	<10'	>10'	<10'	>10'			<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'
P	S-237C	639+37.19	BL400	LT.	Manhole, Pipe	1	13																			1											
F																																					
P	S-242C	642+54.35	BL400	LT.	MES																																
F																																					
P	S-243C	642+52.29	BL400	LT.	Manhole, Pipe	1		20																1													
F																																					
P	S-244C	642+51.02	BL400	LT.	Manhole, Pipe	1	13																			1											
F																																					
P	S-246C	643+53.18	BL400	LT.	Manhole, Pipe	1	97																	1													
F																																					
P	S-247C	643+55.12	BL400	LT.	Manhole, Pipe	1	13																			1											
F																																					
P	S-248C	643+62.14	BL400	LT.	Inlet, Pipe	1	67																														
F																																					
P	S-249C	643+85.18	BL400	LT.	Manhole, Pipe	1	31																			1											
F																																					
P	S-250C	643+95.36	BL400	LT.	Manhole, Pipe	1	17																			1											
F																																					
P	S-252C	108+61.11	CL_DCP	RT.	Inlet, Pipe	1	20														1																
F																																					
P	S-256C	108+61.35	CL_DCP	LT.	Inlet, Pipe	1		24													1																
F																																					
P	S-257C	701+45.26	D_DCP	RT.	MES																																
F																																					
P	S-258C	701+23.68	D_DCP	RT.	Manhole, Pipe	1	22																	1													
F																																					
P	S-259C	701+08.89	D_DCP	RT.	Inlet, Pipe	1	22																														1
F																																					
P	S-259C1	701+01.06	D_DCP	RT.	Inlet, Pipe	1	19														1																
F																																					
P	S-259C2	700+80.78	D_DCP	RT.	Inlet, Pipe	1	42														1																
F																																					
P	S-261C	108+61.10	CL_DCP	LT.	Manhole, Pipe	1		40																1													
F																																					
P	S-262C	700+84.62	D_DCP	LT.	Manhole, Pipe	1		17																			1										
F																																					
P	S-264C	701+00.79	D_DCP	LT.	Manhole, Pipe	1		28																1													
F																																					
	Sheet Summary				P Total		376	129	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	5	0	5	1	0	0	0	0	0	0	0	0	1
					F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 59

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)								CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT										STRAIGHT				CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	S-237C	639+37.19	BL400	LT.																												ALT. B 5.0'x4.0'; WALL ZONE PIPE - STEEL
F																																
P	S-242C	642+54.35	BL400	LT.												1															28		1:4
F																																
P	S-243C	642+52.29	BL400	LT.																													ALT. A 4.0' DIA
F																																
P	S-244C	642+51.02	BL400	LT.																													ALT. B 5.0'x4.0'; WALL ZONE PIPE - STEEL
F																																
P	S-246C	643+53.18	BL400	LT.																													ALT. A 4.0' DIA
F																																
P	S-247C	643+55.12	BL400	LT.																													ALT. B 5.0'x4.0'; WALL ZONE PIPE - STEEL
F																																
P	S-248C	643+62.14	BL400	LT.	1																												WALL ZONE PIPE - STEEL
F																																
P	S-249C	643+85.18	BL400	LT.																													ALT. A 5.0' DIA
F																																
P	S-250C	643+95.36	BL400	LT.																													ALT. B 5.0'x4.0'; WALL ZONE PIPE - STEEL
F																																
P	S-252C	108+61.11	CL_DCP	RT.																													ALT. A 4.0' DIA
F																																
P	S-256C	108+61.35	CL_DCP	LT.																													ALT. A 4.0' DIA; 24" CONCRETE JACKET CONNECTION
F																																
P	S-257C	701+45.26	D_DCP	RT.											1															25		1:4
F																																
P	S-258C	701+23.68	D_DCP	RT.																													ALT. A 4.0' DIA
F																																
P	S-259C	701+08.89	D_DCP	RT.																													ALT. B 5.00'x5.00'; WALL ZONE PIPE - STEEL
F																																
P	S-259C1	701+01.06	D_DCP	RT.																													ALT. A 4.0' DIA
F																																
P	S-259C2	700+80.78	D_DCP	RT.																													ALT. A 4.0' DIA
F																																
P	S-261C	108+61.10	CL_DCP	LT.																													ALT. A 4.0' DIA
F																																
P	S-262C	700+84.62	D_DCP	LT.																													ALT. A 5.00' DIA; WALL ZONE PIPE - STEEL
F																																
P	S-264C	701+00.79	D_DCP	LT.																													ALT. A 4.0' DIA
F																																
	Sheet Summary	P Total			1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53.0	0	
		F Total			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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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	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 60

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)													TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)						TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE					P-BOT	J-BOT	P-BOT	P-BOT		J-BOT		PARTIAL	MOD. TOP	P-BOT		J-BOT		P-BOT		J-BOT	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"		<10'	>10'	<10'	<10'	>10'	<10'	>10'			<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'
P	S-265C	701+28.26	D_DCP	LT.	MES																															
F																																				
P	S-266C	701+61.71	D_DCP	RT.	Inlet, Pipe	1	55																											1			
F																																				
P	S-267C	701+61.62	D_DCP	LT.	Inlet, Pipe	1	13																														1
F																																				
P	S-268C	701+61.53	D_DCP	LT.	Manhole, Pipe	1	22																	1													
F																																				
P	S-269C	701+61.44	D_DCP	LT.	MES																															
F																																				
P	S-270C	703+50.00	D_DCP	RT.	MES, Pipe	2						114																									
F																																				
P	S-271C	703+50.00	D_DCP	RT.	Inlet, Pipe	2						98																									1
F																																				
P	S-272C	703+50.00	D_DCP	LT.	Inlet, Pipe	2						116																									1
F																																				
P	S-273C	703+50.00	D_DCP	LT.	MES																															
F																																				
P	S-274C	705+00.00	D_DCP	RT.	MES																															
F																																				
P	S-276C	705+00.00	D_DCP	RT.	Inlet, Pipe	1	38																														1
F																																				
P	S-277C	705+00.00	D_DCP	LT.	Inlet, Pipe	1	53																											1			
F																																				
P	S-278C	706+51.41	D_DCP	RT.	MES																															
F																																				
P	S-280C	706+51.41	D_DCP	RT.	Inlet, Pipe	1	38																												1		
F																																				
P	S-281C	706+51.41	D_DCP	LT.	Inlet, Pipe	1	29																											1			
F																																				
P	S-282C	707+51.41	D_DCP	RT.	Inlet, Pipe	1	29																											1			
F																																				
P	S-283C	707+51.41	D_DCP	LT.	Inlet, Pipe	1	12																													1	
F																																				
P	S-284C	707+51.41	D_DCP	LT.	Manhole, Pipe	1	37																	1													
F																																				
P	S-285C	707+51.41	D_DCP	LT.	MES																															
F																																				
Sheet Summary				P Total			326	0	0	0	0	328	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	4	2	0	4
				F Total			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 61

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)									CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT											STRAIGHT				CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	S-265C	701+28.26	D_DCP	LT.												1															28		1:4
F																																	
P	S-266C	701+61.71	D_DCP	RT.																													
F																																	
P	S-267C	701+61.62	D_DCP	LT.																													ALT. B 5.0'x5.0'; WALL ZONE PIPE - STEEL
F																																	
P	S-268C	701+61.53	D_DCP	LT.																													ALT. A 4.0' DIA
F																																	
P	S-269C	701+61.44	D_DCP	LT.											1																25		1:4
F																																	
P	S-270C	703+50.00	D_DCP	RT.																1													DOUBLE 1:2; WALL ZONE PIPE - STEEL
F																																	
P	S-271C	703+50.00	D_DCP	RT.																													ALT. B 15.0'x5.0'; WALL ZONE PIPE - STEEL
F																																	
P	S-272C	703+50.00	D_DCP	LT.																													ALT. B 5.0'x15.0'; WALL ZONE PIPE - STEEL
F																																	
P	S-273C	703+50.00	D_DCP	LT.																1													DOUBLE 1:2
F																																	
P	S-274C	705+00.00	D_DCP	RT.											1																25		1:4
F																																	
P	S-276C	705+00.00	D_DCP	RT.																													ALT. B 5.0'x5.0'; WALL ZONE PIPE - STEEL
F																																	
P	S-277C	705+00.00	D_DCP	LT.																													
F																																	
P	S-278C	706+51.41	D_DCP	RT.											1																25		1:4
F																																	
P	S-280C	706+51.41	D_DCP	RT.																													WALL ZONE PIPE - STEEL
F																																	
P	S-281C	706+51.41	D_DCP	LT.																													
F																																	
P	S-282C	707+51.41	D_DCP	RT.																													
F																																	
P	S-283C	707+51.41	D_DCP	LT.																													WALL ZONE PIPE - STEEL
F																																	
P	S-284C	707+51.41	D_DCP	LT.																													ALT. A 4.0' DIA
F																																	
P	S-285C	707+51.41	D_DCP	LT.											1																25		1:4
F																																	
Sheet Summary				P Total	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	128	0	
				F Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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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	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 62

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)													TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)					TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE					P-BOT	J-BOT	P-BOT	P-BOT		J-BOT		PARTIAL	MOD. TOP	P-BOT		J-BOT		P-BOT		J-BOT	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"		<10'	>10'	<10'	<10'	>10'	<10'	>10'			<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'
P	S-286C	708+34.25	D_DCP	LT.	Inlet, Pipe	1	10																													
F																																			
P	S-287C	708+35.04	D_DCP	LT.	Manhole, Pipe	1	80																		1											
F																																			
P	S-288C	709+58.84	D_DCP	LT.	Inlet, Pipe	1	20																													
F																																			
P	S-289C	709+59.95	D_DCP	LT.	Manhole, Pipe	1	121																		1											
F																																			
P	S-300A	501+50.00	IB_DCP	RT.	Inlet, Pipe	1	29																													
F																																			
P	S-301A	501+50.00	IB_DCP	LT.	Inlet, Pipe	1	152																													
F																																			
P	S-302A	503+04.20	IB_DCP	LT.	Inlet, Pipe	1	135																													
F																																			
P	S-303A	503+04.20	IB_DCP	RT.	Inlet, Pipe	1	43																													
F																																			
P	S-303C	504+41.98	IB_DCP	RT.	Inlet, Pipe	1		27																										1			
F																																			
P	S-304A	636+56.61	BL400	RT.	Inlet, Pipe	1		32																													
F																																			
P	S-304C	504+41.37	IB_DCP	LT.	Manhole, Pipe	1		162																		1										
F																																			
P	S-305A	640+60.65	BL400	RT.	Inlet, Pipe	1	32																													
F																																			
P	S-305C	504+91.98	IB_DCP	RT.	Inlet, Pipe	1	47																										1			
F																																			
P	S-306A	643+59.90	BL400	RT.	Inlet, Pipe	1	45																													
F																																			
P	S-306C	505+36.85	IB_DCP	RT.	Inlet, Pipe	1	42																										1			
F																																			
P	S-307C	635+60.57	BL400	RT.	Inlet, Pipe	1		92																													
F																																			
P	S-308A	652+39.41	BL400	LT.	Inlet, Pipe	1	168																												1	
F																																			
P	S-308C	507+00.13	IB_DCP	RT.	Inlet, Pipe	1	31																										1			
F																																			
P	S-309A	654+10.54	BL400	LT.	Inlet, Pipe	1	172																												1	
F																																			
	Sheet Summary				P Total		1127	313	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	4	0	2	0
					F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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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	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 63

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)								CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT										STRAIGHT				CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	S-286C	708+34.25	D_DCP	LT.							1																					
F																																
P	S-287C	708+35.04	D_DCP	LT.																												ALT. A 4.0' DIA
F																																
P	S-288C	709+58.84	D_DCP	LT.							1																					
F																																
P	S-289C	709+59.95	D_DCP	LT.																												ALT. A 4.0' DIA
F																																
P	S-300A	501+50.00	IB_DCP	RT.							1																					
F																																
P	S-301A	501+50.00	IB_DCP	LT.	1																											
F																																
P	S-302A	503+04.20	IB_DCP	LT.	1																											
F																																
P	S-303A	503+04.20	IB_DCP	RT.							1																					
F																																
P	S-303C	504+41.98	IB_DCP	RT.																												
F																																
P	S-304A	636+56.61	BL400	RT.	1																											
F																																
P	S-304C	504+41.37	IB_DCP	LT.																												ALT. A 5.0' DIA
F																																
P	S-305A	640+60.65	BL400	RT.	1																											
F																																
P	S-305C	504+91.98	IB_DCP	RT.																												
F																																
P	S-306A	643+59.90	BL400	RT.	1																											
F																																
P	S-306C	505+36.85	IB_DCP	RT.																												
F																																
P	S-307C	635+60.57	BL400	RT.	1																											CAP TOP FOR FUTURE USE
F																																
P	S-308A	652+39.41	BL400	LT.																												ALT. B 5.0'x5.0'
F																																
P	S-308C	507+00.13	IB_DCP	RT.																												
F																																
P	S-309A	654+10.54	BL400	LT.																												ALT. B 5.0'x5.0'
F																																
Sheet Summary				P Total	6	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				F Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 64

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)													TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)						TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE					P-BOT	J-BOT	P-BOT	P-BOT		J-BOT		PARTIAL	MOD. TOP	P-BOT		J-BOT		P-BOT		J-BOT	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"		<10'	>10'	<10'	<10'	>10'	<10'	>10'			<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'
P	S-309C	507+00.13	IB_DCP	LT.	Inlet, Pipe	1	50																														
F																																				
P	S-310A	655+86.02	BL400	LT.	Inlet, Pipe	1	3																														
F																																				
P	S-310C	636+56.61	BL400	RT.	Inlet, Pipe	1			149																												
F																																				
P	S-311A	655+86.02	BL400	LT.	Inlet, Pipe	1	210																													1	
F																																				
P	S-311C	508+20.00	IB_DCP	LT.	Inlet, Pipe	1	116																														
F																																				
P	S-312A	658+01.26	BL400	LT.	Inlet, Pipe	1	3																														
F																																				
P	S-312C	638+10.40	BL400	RT.	Inlet, Pipe	1			246																												
F																																				
P	S-313A	658+74.73	BL400	RT.	Inlet, Pipe	1	26																														
F																																				
P	S-313C	509+40.00	IB_DCP	RT.	Inlet, Pipe	1	31																												1		
F																																				
P	S-314A	658+74.85	BL400	RT.	Manhole, Pipe	1	166																1														
F																																				
P	S-314C	509+40.00	IB_DCP	LT.	Inlet, Pipe	1	116																														
F																																				
P	S-315A	659+24.54	BL400	RT.	Inlet, Pipe	1	132																														
F																																				
P	S-315C	511+12.50	IB_DCP	LT.	Inlet, Pipe	1	90																														
F																																				
P	S-316A	614+42.44	IC_DCP	LT.	Inlet, Pipe	1	42																														
F																																				
P	S-316C	640+60.65	BL400	RT.	Inlet, Pipe	1			246																												
F																																				
P	S-317A	615+10.10	IC_DCP	RT.	Inlet, Pipe	1	66																														
F																																				
P	S-317C	512+80.10	IB_DCP	RT.	Inlet, Pipe	1	55																												1		
F																																				
P	S-318A	660+60.17	BL400	RT.	Inlet, Pipe	1	108																														
F																																				
P	S-318C	512+80.10	IB_DCP	LT.	Inlet, Pipe	1	164																														
F																																				
	Sheet Summary				P Total		1378	0	641	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	1	0
					F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 65

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)									CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT											STRAIGHT				CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	S-309C	507+00.13	IB_DCP	LT.							1																					
F																																
P	S-310A	655+86.02	BL400	LT.							1																					WALL ZONE PIPE - STEEL
F																																
P	S-310C	636+56.61	BL400	RT.			1																									ALT. B 5.0'x5.0'; CAP TOP FOR FUTURE USE
F																																
P	S-311A	655+86.02	BL400	LT.																												ALT. B 7.0'X5.0'
F																																
P	S-311C	508+20.00	IB_DCP	LT.							1																					
F																																
P	S-312A	658+01.26	BL400	LT.							1																					WALL ZONE PIPE - STEEL
F																																
P	S-312C	638+10.40	BL400	RT.				1																								ALT. B 5.0'x5.0'; CAP TOP FOR FUTURE USE
F																																
P	S-313A	658+74.73	BL400	RT.							1																					
F																																
P	S-313C	509+40.00	IB_DCP	RT.																												
F																																
P	S-314A	658+74.85	BL400	RT.																												ALT. A 4.0' DIA
F																																
P	S-314C	509+40.00	IB_DCP	LT.							1																					
F																																
P	S-315A	659+24.54	BL400	RT.							1																					
F																																
P	S-315C	511+12.50	IB_DCP	LT.										1																		ALT. B 4.0'x5.0'
F																																
P	S-316A	614+42.44	IC_DCP	LT.								1																				
F																																
P	S-316C	640+60.65	BL400	RT.			1																									ALT. B 5.0'x5.0'; CAP FOR FUTURE USE
F																																
P	S-317A	615+10.10	IC_DCP	RT.							1																					
F																																
P	S-317C	512+80.10	IB_DCP	RT.																												
F																																
P	S-318A	660+60.17	BL400	RT.							1																					
F																																
P	S-318C	512+80.10	IB_DCP	LT.							1																					
F																																
Sheet Summary	P Total				0	0	2	1	0	0	10	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	F Total				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 66

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)													TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)						TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE				P-BOT	J-BOT	P-BOT	P-BOT		J-BOT		PARTIAL	MOD. TOP	P-BOT		J-BOT		P-BOT		J-BOT	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"	<10'	>10'	<10'	<10'	>10'	<10'	>10'			<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'
P	S-319A	615+79.50	IC_DCP	RT.	Inlet, Pipe	1	108																													
F																																				
P	S-319C	513+64.52	IB_DCP	RT.	Inlet, Pipe	1	56																										1			
F																																				
P	S-320A	661+71.93	BL400	RT.	Inlet, Pipe	1	88																													
F																																				
P	S-320C	513+64.52	IB_DCP	LT.	Inlet, Pipe	1	104																													1
F																																				
P	S-321A	616+90.80	IC_DCP	RT.	Inlet, Pipe	1	88																													
F																																				
P	S-321C	643+10.54	BL400	RT.	Inlet, Pipe	1				45																										
F																																				
P	S-322A	662+63.66	BL400	RT.	Inlet, Pipe	1	42																													
F																																				
P	S-322C	514+58.05	IB_DCP	RT.	Inlet, Pipe	1	40														1															
F																																				
P	S-323A	617+82.26	IC_DCP	RT.	Inlet, Pipe	1	68																													
F																																				
P	S-323C	514+40.23	IB_DCP	LT.	Inlet, Pipe	1	97																													1
F																																				
P	S-324A	617+82.26	IC_DCP	RT.	EW																															
F																																				
P	S-324C	643+59.90	BL400	RT.	Inlet, Pipe	1				170																										
F																																				
P	S-325A	618+90.84	IC_DCP	RT.	Inlet, Pipe	1	87																													
F																																				
P	S-325C	645+33.35	BL400	RT.	Manhole, Pipe	1				66																	1									
F																																				
P	S-326A	619+81.61	IC_DCP	RT.	Inlet, Pipe	1	104																													
F																																				
P	S-326C	601+03.20	IC_DCP	RT.	Inlet, Pipe	1	39																										1			
F																																				
P	S-327A	620+88.97	IC_DCP	RT.	Inlet, Pipe	1	87																													
F																																				
P	S-327C	600+77.43	IC_DCP	LT.	Inlet, Pipe	1	49														1															
F																																				
P	S-328A	621+79.63	IC_DCP	RT.	Inlet, Pipe	1		104																												
F																																				
Sheet Summary					P Total		1057	104	0	281	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2
					F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 67

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)									CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT											STRAIGHT				CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	S-319A	615+79.50	IC_DCP	RT.							1																					
F																																
P	S-319C	513+64.52	IB_DCP	RT.																												
F																																
P	S-320A	661+71.93	BL400	RT.							1																					
F																																
P	S-320C	513+64.52	IB_DCP	LT.																												ALT. B 5.0'x5.0'; WALL ZONE PIPE - STEEL
F																																
P	S-321A	616+90.80	IC_DCP	RT.							1																					
F																																
P	S-321C	643+10.54	BL400	RT.			1																									ALT. B 5.0'x5.0'; CAP TOP FOR FUTURE USE
F																																
P	S-322A	662+63.66	BL400	RT.							1																					
F																																
P	S-322C	514+58.05	IB_DCP	RT.																												ALT. A 4.0' DIA
F																																
P	S-323A	617+82.26	IC_DCP	RT.							1																					
F																																
P	S-323C	514+40.23	IB_DCP	LT.																												ALT. B 5.0'x5.0'; WALL ZONE PIPE - STEEL
F																																
P	S-324A	617+82.26	IC_DCP	RT.																			1.56						16.0			18", 0 DEGREES, CONC. ENDWALL, RUBBLE RIP RAP
F																																
P	S-324C	643+59.90	BL400	RT.			1																									ALT. B 5.0'x5.0'; CAP TOP FOR FUTURE USE
F																																
P	S-325A	618+90.84	IC_DCP	RT.							1																					
F																																
P	S-325C	645+33.35	BL400	RT.																												ALT. B 4.0'x5.0'
F																																
P	S-326A	619+81.61	IC_DCP	RT.							1																					
F																																
P	S-326C	601+03.20	IC_DCP	RT.																												
F																																
P	S-327A	620+88.97	IC_DCP	RT.							1																					
F																																
P	S-327C	600+77.43	IC_DCP	LT.																												ALT. A 4.0' DIA; WALL ZONE PIPE - STEEL
F																																
P	S-328A	621+79.63	IC_DCP	RT.							1																					
F																																
Sheet Summary	P Total				0	0	2	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	1.56	0	0	0	0	0	16.0	0	0	
	F Total				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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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	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 68

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)														TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)						TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE				P-BOT	J-BOT	P-BOT	P-BOT		J-BOT		PARTIAL	MOD. TOP	P-BOT		J-BOT		P-BOT		J-BOT	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"	<10'	>10'	<10'	<10'	>10'	<10'	>10'			<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'
P	S-328C	601+10.33	IC_DCP	LT.	Inlet, Pipe	1	39																													1
F																																						
P	S-329A	622+87.42	IC_DCP	RT.	Inlet, Pipe	1		21																														
F																																						
P	S-329C	601+32.81	IC_DCP	LT.	Inlet, Pipe	1	26																															
F																																						
P	S-330A	622+87.42	IC_DCP	RT.	EW																																	
F																																						
P	S-330C	646+03.27	BL400	RT.	Manhole, Pipe	1					40																1											
F																																						
P	S-331A	623+79.05	IC_DCP	RT.	Inlet, Pipe	1	88																															
F																																						
P	S-331C	646+10.69	BL400	RT.	Manhole, Pipe	1					145																1											
F																																						
P	S-332A	624+86.01	IC_DCP	RT.	Inlet, Pipe	1	103																															
F																																						
P	S-332C	601+50.64	IC_DCP	RT.	Inlet, Pipe	1	41																													1		
F																																						
P	S-333A	670+60.93	IC_DCP	RT.	Inlet, Pipe	1	89																															
F																																						
P	S-333C	601+50.44	IC_DCP	LT.	Inlet, Pipe	1	39																															1
F																																						
P	S-334C	601+59.23	IC_DCP	LT.	Inlet, Pipe	1	57																															
F																																						
P	S-335C	602+18.12	IC_DCP	RT.	Inlet, Pipe	1	33																													1		
F																																						
P	S-336C	602+18.12	IC_DCP	LT.	Inlet, Pipe	1	44																															1
F																																						
P	S-337C	602+19.60	IC_DCP	LT.	Inlet, Pipe	1		34																														
F																																						
P	S-338C	647+14.04	BL400	RT.	Manhole, Pipe	1		108																				1										
F																																						
P	S-339C	647+60.54	BL400	RT.	Inlet, Pipe	1					203																											
F																																						
P	S-340C	649+67.54	BL400	RT.	Inlet, Pipe	1					289																											
F																																						
P	S-340C1	604+65.97	IC_DCP	RT.	Inlet, Pipe	1	153																															
F																																						
	Sheet Summary				P Total		712	163	0	0	677	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	2	0	0	3
					F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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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	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 69

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)									CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT											STRAIGHT				CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	S-328C	601+10.33	IC_DCP	LT.																												ALT. B 5.0'x5.0'; WALL ZONE PIPE - STEEL
F																																
P	S-329A	622+87.42	IC_DCP	RT.							1																					
F																																
P	S-329C	601+32.81	IC_DCP	LT.	1																											
F																																
P	S-330A	622+87.42	IC_DCP	RT.																				2.24					16.0			24", 0 DEGREES, CONCRETE ENDWALL; RUBBLE RIP RAP
F																																
P	S-330C	646+03.27	BL400	RT.																												ALT. B 5.0'x7.0'
F																																
P	S-331A	623+79.05	IC_DCP	RT.							1																					
F																																
P	S-331C	646+10.69	BL400	RT.																												ALT. B 6.0'x7.0'
F																																
P	S-332A	624+86.01	IC_DCP	RT.							1																					
F																																
P	S-332C	601+50.64	IC_DCP	RT.																												
F																																
P	S-333A	670+60.93	IC_DCP	RT.							1																					
F																																
P	S-333C	601+50.44	IC_DCP	LT.																												ALT. B 5.0'x5.0'; WALL ZONE PIPE - STEEL
F																																
P	S-334C	601+59.23	IC_DCP	LT.	1																											
F																																
P	S-335C	602+18.12	IC_DCP	RT.																												
F																																
P	S-336C	602+18.12	IC_DCP	LT.																												ALT. B 5.0'x5.0'; WALL ZONE PIPE - STEEL
F																																
P	S-337C	602+19.60	IC_DCP	LT.	1																											
F																																
P	S-338C	647+14.04	BL400	RT.																												ALT. B 5.0'x5.0'
F																																
P	S-339C	647+60.54	BL400	RT.				1																								ALT. B 5.0'x6.0'
F																																
P	S-340C	649+67.54	BL400	RT.				1																								ALT. B 5.0'x6.0'
F																																
P	S-340C1	604+65.97	IC_DCP	RT.	1																											
F																																
Sheet Summary	P Total				4	0	0	2	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2.24	0	0	0	0	16.0	0	0	
	F Total				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 70

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)														TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)						TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE				P-BOT	J-BOT	P-BOT	P-BOT		J-BOT		PARTIAL	MOD. TOP	P-BOT		J-BOT		P-BOT		J-BOT	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"	<10'	>10'	<10'	<10'	>10'	<10'	>10'			<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'
P	S-348C	652+60.66	BL400	RT.	Inlet, Pipe	1					145																										
F																																						
P	S-348C1	607+54.66	IC_DCP	RT.	Inlet, Pipe	1	137																														
F																																						
P	S-348C2	608+81.27	IC_DCP	RT.	Inlet, Pipe	1	126																														
F																																						
P	S-355C	609+17.66	IC_DCP	RT.	Inlet, Pipe	1			65																												
F																																						
P	S-356C	654+10.54	BL400	RT.	Inlet, Pipe	1						44																										
F																																						
P	S-357C	654+60.45	BL400	RT.	Inlet, Pipe	1							54						111																		
F																																						
P	S-361C	610+16.74	IC_DCP	RT.	Inlet, Pipe	1			96																												
F																																						
P	S-364C	611+01.09	IC_DCP	RT.	Inlet, Pipe	1		80																													
F																																						
P	S-365C	611+02.58	IC_DCP	RT.	Inlet, Pipe	1	21																														1
F																																						
P	S-367C	110+17.95	ISLIP1	LT.	Inlet, Pipe	1		76																													
F																																						
P	S-368C	711+00.00	D_DCP	LT.	Inlet, Pipe	1	72																														
F																																						
P	S-370C	611+72.80	IC_DCP	RT.	Inlet, Pipe	1		67																													
F																																						
P	S-371C	7064+94.40	IWBCD2	RT.	Manhole, Pipe	1	18																			1											
F																																						
P	S-372C	711+77.69	D_DCP	RT.	Inlet, Pipe	1			30																												
F																																						
P	S-373C	711+76.84	D_DCP	LT.	Inlet, Pipe	1			38																												
F																																						
P	S-373C1	712+19.62	D_DCP	LT.	Inlet, Pipe	1			35																												
F																																						
P	S-373C2	712+59.01	D_DCP	LT.	Inlet, Pipe	1			36																												
F																																						
P	S-375C	612+25.99	IC_DCP	RT.	Inlet, Pipe	1		49																													
F																																						
P	S-376C	612+26.49	IC_DCP	RT.	Inlet, Pipe	1	24																														1
F																																						
Sheet Summary					P Total		398	272	300	0	145	44	54	0	0	0	0	0	111	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
					F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 71

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)									CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT											STRAIGHT				CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	S-348C	652+60.66	BL400	RT.				1																								ALT. B 5.0'x6.0' - ULTIMATE
F																																
P	S-348C1	607+54.66	IC_DCP	RT.	1																											ULTIMATE
F																																
P	S-348C2	608+81.27	IC_DCP	RT.	1																											ULTIMATE
F																																
P	S-355C	609+17.66	IC_DCP	RT.				1																								ALT. B 5.0'x5.0' - ULTIMATE
F																																
P	S-356C	654+10.54	BL400	RT.				1																								ALT. B 7.0'x5.0' - ULTIMATE
F																																
P	S-357C	654+60.45	BL400	RT.				1																								ALT. B 7.0'x8.0'; 54" CONC. JACKET; 111-LF OF 54" STEEL PIPE & CASING FOR JACK/ BORE OR MICROTUNNELING; WALL ZONE PIPE - STEEL (ULT.)
F																																
P	S-361C	610+16.74	IC_DCP	RT.			1																									ALT. B 8.0'x5.0' - ULTIMATE
F																																
P	S-364C	611+01.09	IC_DCP	RT.			1																									ALT. B 8.0'x5.0' - ULTIMATE
F																																
P	S-365C	611+02.58	IC_DCP	RT.																												ALT. B 5.0'x5.0'; WALL ZONE PIPE - STEEL (ULTIMATE)
F																																
P	S-367C	110+17.95	ISLIP1	LT.									1																			ALT. B 5.0'x6.0' - ULTIMATE
F																																
P	S-368C	711+00.00	D_DCP	LT.							1																					ULTIMATE
F																																
P	S-370C	611+72.80	IC_DCP	RT.			1																									ALT. B 8.0'x5.0' - ULTIMATE
F																																
P	S-371C	7064+94.40	IWBCD2	RT.																												ALT. B 4.0'x5.0' - ULTIMATE
F																																
P	S-372C	711+77.69	D_DCP	RT.									1																			ALT. B 4.0'x5.0' - ULTIMATE
F																																
P	S-373C	711+76.84	D_DCP	LT.									1																			ALT. B 5.0'x6.0' - ULTIMATE
F																																
P	S-373C1	712+19.62	D_DCP	LT.									1																			ALT. B 5.0'x5.0' - ULTIMATE
F																																
P	S-373C2	712+59.01	D_DCP	LT.									1																			ALT. B 5.0'x5.0' - ULTIMATE
F																																
P	S-375C	612+25.99	IC_DCP	RT.			1																									ALT. B 8.0'x5.0' - ULTIMATE
F																																
P	S-376C	612+26.49	IC_DCP	RT.																												ALT. B 5.0'x5.0'; WALL ZONE PIPE - STEEL (ULTIMATE)
F																																
Sheet Summary	P Total				2	0	4	4	0	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	F Total				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 72

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)														TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)						TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE				P-BOT	J-BOT	P-BOT	P-BOT		J-BOT		PARTIAL	MOD. TOP	P-BOT		J-BOT		P-BOT		J-BOT	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"	<10'	>10'	<10'	<10'	>10'	<10'	>10'			<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'
P	S-377C	657+06.54	BL400	RT.	Inlet, Pipe	1	242																													
F																																				
P	S-378C	612+99.50	IC_DCP	RT.	Inlet, Pipe	1		69																												
F																																				
P	S-379C	613+00.04	IC_DCP	RT.	Inlet, Pipe	1	26																													1
F																																				
P	S-380C	613+00.00	IC_DCP	LT.	Inlet, Pipe	1	37																										1			
F																																				
P	S-384C	7066+20.54	IWBCD2	RT.	Inlet, Pipe	1			63																										1	
F																																				
P	S-385C	713+00.00	D_DCP	LT.	Inlet, Pipe	1					76																									
F																																				
P	S-385C1	713+61.17	D_DCP	LT.	Inlet, Pipe	1	57																													
F																																				
P	S-386C	712+95.76	D_DCP	LT.	MES																															
F																																				
P	S-386C1	713+00.00	D_DCP	LT.	Manhole, Pipe	1					45															1										
F																																				
P	S-389C	713+14.38	D_DCP	LT.	Manhole, Pipe	1							71													1										
F																																				
P	S-391C	613+94.31	IC_DCP	RT.	Inlet, Pipe	1		90																												
F																																				
P	S-392C	613+94.31	IC_DCP	RT.	Inlet, Pipe	1	27																												1	
F																																				
P	S-393C	713+92.55	D_DCP	LT.	Manhole, Pipe	1							181													1										
F																																				
P	S-398C	7067+40.69	IWBCD2	RT.	Inlet, Pipe	1	54																											1		
F																																				
P	S-399C	714+22.26	D_DCP	LT.	Inlet, Pipe	1	75																													
F																																				
P	S-399C1	715+00.85	D_DCP	LT.	Inlet, Pipe	1	65																													
F																																				
P	S-400A	104+93.24	ISLIP1	LT.	Inlet, Pipe	1	72																												1	
F																																				
P	S-401A	105+70.00	ISLIP1	LT.	Inlet, Pipe	1	46																												1	
F																																				
P	S-402A	106+19.95	ISLIP1	LT.	Inlet, Pipe	1	46																												1	
F																																				
Sheet Summary					P Total		747	159	63	0	121	0	252	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	2	1	4	1
					F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 73

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)								CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT										STRAIGHT				CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	S-377C	657+06.54	BL400	RT.	1																											
F																																
P	S-378C	612+99.50	IC_DCP	RT.			1																									ALT. B 8.0'x5.0'
F																																
P	S-379C	613+00.04	IC_DCP	RT.																												ALT. B 5.0'x5.0'; WALL ZONE PIPE - STEEL
F																																
P	S-380C	613+00.00	IC_DCP	LT.																												
F																																
P	S-384C	7066+20.54	IWBCD2	RT.																												ALT. B 4.0'x5.0'
F																																
P	S-385C	713+00.00	D_DCP	LT.										1																		ALT. B 5.0'x6.0'
F																																
P	S-385C1	713+61.17	D_DCP	LT.							1																					
F																																
P	S-386C	712+95.76	D_DCP	LT.															1													1:2
F																																
P	S-386C1	713+00.00	D_DCP	LT.																												ALT. A 6.0' DIA
F																																
P	S-389C	713+14.38	D_DCP	LT.																												ALT. B 7.0'x6.0'
F																																
P	S-391C	613+94.31	IC_DCP	RT.			1																									ALT. B 8.0'x5.0'
F																																
P	S-392C	613+94.31	IC_DCP	RT.																												WALL ZONE PIPE - STEEL
F																																
P	S-393C	713+92.55	D_DCP	LT.																												ALT. A 8.0' DIA
F																																
P	S-398C	7067+40.69	IWBCD2	RT.																												
F																																
P	S-399C	714+22.26	D_DCP	LT.							1																					
F																																
P	S-399C1	715+00.85	D_DCP	LT.							1																					
F																																
P	S-400A	104+93.24	ISLIP1	LT.																												ALT. B 5.0'x5.0'
F																																
P	S-401A	105+70.00	ISLIP1	LT.																												ALT. B 5.0'x5.0'
F																																
P	S-402A	106+19.95	ISLIP1	LT.																												ALT. B 5.0'x5.0'
F																																
Sheet Summary	P Total				1	0	2	0	0	0	3	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	F Total				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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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	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 74

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)													TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)						TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE																				
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"	P-BOT <10'	J-BOT >10'	P-BOT <10'	P-BOT <10'	P-BOT >10'	J-BOT <10'	J-BOT >10'	PARTIAL	MOD. TOP	P-BOT <10'	P-BOT >10'	J-BOT <10'	J-BOT >10'	P-BOT <10'	P-BOT >10'	J-BOT <10'	J-BOT >10'
P	S-403A	106+19.95	ISLIP1	RT.	Inlet, Pipe	1	18																										1			
F																																				
P	S-404A	106+70.09	ISLIP1	LT.	Inlet, Pipe	1		19																											1	
F																																				
P	S-405A	106+70.09	ISLIP1	RT.	Inlet, Pipe	1	18																										1			
F																																				
P	S-406C	7068+90.94	IWBCD2	RT.	Inlet, Pipe	1	50																										1			
F																																				
P	S-407A	108+00.00	ISLIP1	LT.	Inlet, Pipe	1		46																												
F																																				
P	S-407A1	108+50.00	ISLIP1	LT.	Inlet, Pipe	1		46																												
F																																				
P	S-407C	715+69.56	D_DCP	LT.	Inlet, Pipe	1		105																												
F																																				
P	S-407C1	716+78.24	D_DCP	LT.	Inlet, Pipe	1		88																												
F																																				
P	S-408A	108+00.00	ISLIP1	RT.	Inlet, Pipe	1	22																										1			
F																																				
P	S-408C	715+49.63	D_DCP	LT.	MES																															
F																																				
P	S-410A	109+00.00	ISLIP1	LT.	Inlet, Pipe	1		46																												
F																																				
P	S-410A1	109+49.98	ISLIP1	LT.	Inlet, Pipe	1		63																												
F																																				
P	S-411A	109+01.16	ISLIP1	RT.	Inlet, Pipe	1	98																										1			
F																																				
P	S-412A	110+17.95	ISLIP1	RT.	Inlet, Pipe	1	77																										1			
F																																				
P	S-415A	110+98.65	ISLIP1	RT.	Inlet, Pipe	1	24																										1			
F																																				
P	S-415B	106+70.06	ISLIP1	LT.	Inlet, Pipe	1		126																												
F																																				
P	S-415C	7070+91.44	IWBCD2	RT.	Inlet, Pipe	1	49																										1			
F																																				
P	S-416A	659+90.41	BL400	LT.	Inlet, Pipe	1	101																												1	
F																																				
P	S-416C1	7072+00.00	IWBCD2	LT.	Inlet, Pipe	1		89																												
F																																				
Sheet Summary					P Total		457	628	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	2	0
					F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 75

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)									CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT											STRAIGHT				CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	S-403A	106+19.95	ISLIP1	RT.																												
F																																
P	S-404A	106+70.09	ISLIP1	LT.																												ALT. B 5.0'x5.0'
F																																
P	S-405A	106+70.09	ISLIP1	RT.																												
F																																
P	S-406C	7068+90.94	IWBCD2	RT.																												
F																																
P	S-407A	108+00.00	ISLIP1	LT.							1																					
F																																
P	S-407A1	108+50.00	ISLIP1	LT.							1																					
F																																
P	S-407C	715+69.56	D_DCP	LT.							1																					
F																																
P	S-407C1	716+78.24	D_DCP	LT.							1																					
F																																
P	S-408A	108+00.00	ISLIP1	RT.																												
F																																
P	S-408C	715+49.63	D_DCP	LT.																	1											1:2
F																																
P	S-410A	109+00.00	ISLIP1	LT.							1																					
F																																
P	S-410A1	109+49.98	ISLIP1	LT.							1																					
F																																
P	S-411A	109+01.16	ISLIP1	RT.																												
F																																
P	S-412A	110+17.95	ISLIP1	RT.																												
F																																
P	S-415A	110+98.65	ISLIP1	RT.																												
F																																
P	S-415B	106+70.06	ISLIP1	LT.	1																											
F																																
P	S-415C	7070+91.44	IWBCD2	RT.																												
F																																
P	S-416A	659+90.41	BL400	LT.																												ALT. B 5.0'x5.0'
F																																
P	S-416C1	7072+00.00	IWBCD2	LT.							1																					
F																																
	Sheet Summary	P Total			1	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		F Total			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 76

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)													TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)						TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE					P-BOT	J-BOT	P-BOT	P-BOT		J-BOT		PARTIAL	MOD. TOP	P-BOT		J-BOT		P-BOT		J-BOT	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"		<10'	>10'	<10'	<10'	>10'	<10'	>10'			<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'
P	S-416B	108+00.00	ISLIP1	LT.	Manhole, Pipe	1		16																1												
F																																				
P	S-416C	7070+91.36	IWBCD2	LT.	Inlet, Pipe	1		105																												
F																																				
P	S-417A	660+94.99	BL400	LT.	Inlet, Pipe	1	3																													
F																																				
P	S-418A	660+94.99	BL400	LT.	Inlet, Pipe	1	164																												1	
F																																				
P	S-419A	662+63.17	BL400	LT.	Inlet, Pipe	1		196																												
F																																				
P	S-420A	662+63.17	BL400	LT.	Inlet, Pipe	1		11																										1		
F																																				
P	S-420C	7072+91.75	IWBCD2	RT.	Inlet, Pipe	1	49																											1		
F																																				
P	S-421A	664+62.84	BL400	LT.	Inlet, Pipe	1		197																												
F																																				
P	S-421C	7072+91.75	IWBCD2	LT.	Inlet, Pipe	1		105																												
F																																				
P	S-421C1	7074+00.00	IWBCD2	LT.	Inlet, Pipe	1		88																												
F																																				
P	S-422A	666+62.32	BL400	LT.	Inlet, Pipe	1		197																												
F																																				
P	S-423A	668+61.53	BL400	LT.	Inlet, Pipe	1		197																												
F																																				
P	S-424A	670+60.77	BL400	LT.	Inlet, Pipe	1			197																												
F																																				
P	S-425A	672+60.58	BL400	LT.	Inlet, Pipe	1			198																												
F																																				
P	S-426A	674+60.58	BL400	LT.	Inlet, Pipe	1			195																												
F																																				
P	S-427A	676+60.45	BL400	LT.	Inlet, Pipe	1								88						45																
F																																				
P	S-428A	204+46.34	ISLIP2	RT.	Inlet, Pipe	1	7																											1		
F																																				
P	S-428C	7074+92.09	IWBCD2	RT.	Inlet, Pipe	1	48																											1		
F																																				
P	S-429A	206+57.29	ISLIP2	RT.	Inlet, Pipe	1	21																											1		
F																																				
Sheet Summary					P Total		292	1112	590	0	0	0	0	88	0	0	0	0	0	45	0	0	0	1	0	0	0	0	0	0	0	0	0	5	0	1	0
					F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 77

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)									CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT		STRAIGHT														CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	S-416B	108+00.00	ISLIP1	LT.																												ALT. A 4.0' DIA
F																																
P	S-416C	7070+91.36	IWBCD2	LT.							1																					
F																																
P	S-417A	660+94.99	BL400	LT.							1																					
F																																
P	S-418A	660+94.99	BL400	LT.																												ALT. B 5.0'x5.0'
F																																
P	S-419A	662+63.17	BL400	LT.			1																									ALT. B 4.0'x5.0'
F																																
P	S-420A	662+63.17	BL400	LT.																												
F																																
P	S-420C	7072+91.75	IWBCD2	RT.																												
F																																
P	S-421A	664+62.84	BL400	LT.	1																											
F																																
P	S-421C	7072+91.75	IWBCD2	LT.							1																					
F																																
P	S-421C1	7074+00.00	IWBCD2	LT.							1																					
F																																
P	S-422A	666+62.32	BL400	LT.	1																											
F																																
P	S-423A	668+61.53	BL400	LT.	1																											
F																																
P	S-424A	670+60.77	BL400	LT.	1																											
F																																
P	S-425A	672+60.58	BL400	LT.	1																											
F																																
P	S-426A	674+60.58	BL400	LT.	1																											
F																																
P	S-427A	676+60.45	BL400	LT.				1																								ALT. B 5.0'x8.0'; 60" CONCRETE JACKET; 45-LF OF 60" STEEL PIPE & CASING FOR JACK/ BORE OR MICROTUNNELING
F																																
P	S-428A	204+46.34	ISLIP2	RT.																												
F																																
P	S-428C	7074+92.09	IWBCD2	RT.																												
F																																
P	S-429A	206+57.29	ISLIP2	RT.																												
F																																
Sheet Summary	P Total				6	0	1	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	F Total				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 78

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)													TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)						TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE					P-BOT	J-BOT	P-BOT	P-BOT		J-BOT		PARTIAL	MOD. TOP	P-BOT		J-BOT		P-BOT		J-BOT	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"		<10'	>10'	<10'	<10'	>10'	<10'	>10'			<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'
P	S-429C	7074+92.09	IWBCD2	LT.	Inlet, Pipe	1			105																												
F																																				
P	S-429C1	7076+00.00	IWBCD2	LT.	Inlet, Pipe	1			88																												
F																																				
P	S-430A	678+60.60	BL400	LT.	Inlet, Pipe	1			195																												
F																																				
P	S-431C	7076+36.97	IWBCD2	RT.	Inlet, Pipe	1	52																											1			
F																																				
P	S-432A	679+51.55	BL400	LT.	Inlet, Pipe	1			95																												
F																																				
P	S-433A	208+55.63	ISLIP1	LT.	Inlet, Pipe	1	7																														
F																																				
P	S-433A1	208+00.00	ISLIP2	LT.	Inlet, Pipe	1	52																														
F																																				
P	S-434A	208+57.87	ISLIP1	RT.	Inlet, Pipe	1	27																											1			
F																																				
P	S-435A	680+60.66	BL400	LT.	Inlet, Pipe	1			106																												
F																																				
P	S-436A	682+07.50	BL400	LT.	Manhole, Pipe	1			143																	1											
F																																				
P	S-437A	682+07.50	BL400	LT.	Inlet, Pipe	1		12																													
F																																				
P	S-437C	7076+92.31	IWBCD2	RT.	Inlet, Pipe	1	48																											1			
F																																				
P	S-438A	210+31.23	ISLIP2	LT.	Inlet, Pipe	1		223																													
F																																				
P	S-438C	7076+92.32	IWBCD2	LT.	Inlet, Pipe	1				62																											
F																																				
P	S-438C1	7078+00.00	IWBCD2	LT.	Inlet, Pipe	1	104																														
F																																				
P	S-439A	682+60.00	BL400	LT.	Inlet, Pipe	1		49																													
F																																				
P	S-439A1	210+57.97	ISLIP2	RT.	Inlet, Pipe	1	37																												1		
F																																				
P	S-439C	622+82.50	PND141	RT.	MES																																
F																																				
P	684	109+51.60	CL_DCP	LT	Manhole																										1						
F																																				
	Sheet Summary		P Total				327	284	732	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	3	1	0	0
			F Total				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 79

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)								CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT										STRAIGHT				CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	S-429C	7074+92.09	IWBCD2	LT.									1																			ALT. B 5.0'x5.0'
F																																
P	S-429C1	7076+00.00	IWBCD2	LT.									1																			ALT. B 5.0'x5.0'
F																																
P	S-430A	678+60.60	BL400	LT.	1																											
F																																
P	S-431C	7076+36.97	IWBCD2	RT.																												
F																																
P	S-432A	679+51.55	BL400	LT.			1																									LENGTH INCLUDE CONNECTION TO EXIST. ALT. B 5.0'x5.0'. 30" CONCRETE JACKET CONNECTION TO THE RIGHT
F																																
P	S-433A	208+55.63	ISLIP1	LT.	1																											
F																																
P	S-433A1	208+00.00	ISLIP2	LT.	1																											
F																																
P	S-434A	208+57.87	ISLIP1	RT.																												
F																																
P	S-435A	680+60.66	BL400	LT.	1																											
F																																
P	S-436A	682+07.50	BL400	LT.																												ALT. A 5.0' DIA
F																																
P	S-437A	682+07.50	BL400	LT.							1																					
F																																
P	S-437C	7076+92.31	IWBCD2	RT.																												
F																																
P	S-438A	210+31.23	ISLIP2	LT.	1																											
F																																
P	S-438C	7076+92.32	IWBCD2	LT.										1																		ALT. B 5.0'x6.0'
F																																
P	S-438C1	7078+00.00	IWBCD2	LT.							1																					
F																																
P	S-439A	682+60.00	BL400	LT.							1																					
F																																
P	S-439A1	210+57.97	ISLIP2	RT.																												
F																																
P	S-439C	622+82.50	PND141	RT.													1															1:2
F																																
P	684	109+51.60	CL_DCP	LT																											20	107-LF OF 30" FLOWABLE FILL
F																																
	Sheet Summary		P Total		5	0	1	0	0	0	3	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	20	
			F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 80

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)														TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)						TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE				P-BOT	J-BOT	P-BOT	P-BOT		J-BOT		PARTIAL	MOD. TOP	P-BOT		J-BOT		P-BOT		J-BOT	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"	<10'	>10'	<10'	<10'	>10'	<10'	>10'			<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'
P	S-439C1	7076+92.32	IWBCD2	LT.	Manhole, Pipe	1				46																	1										
F																																						
P	S-440A	683+60.00	BL400	LT.	Inlet, Pipe	1		96																														
F																																						
P	S-441A	683+88.28	BL400	LT.	Inlet, Pipe	1		25																														
F																																						
P	S-442A	684+20.00	BL400	LT.	Inlet, Pipe	1	28																															
F																																						
P	S-443A	212+56.45	ISLIP2	LT.	Inlet, Pipe	1		200																														
F																																						
P	S-444A	684+80.00	BL400	LT.	Inlet, Pipe	1	57																															
F																																						
P	S-445A	685+60.00	BL400	LT.	Inlet, Pipe	1	77																															
F																																						
P	S-446A	214+59.78	ISLIP2	LT.	Inlet, Pipe	1			195																													
F																																						
P	S-447A	216+54.99	ISLIP2	LT.	Inlet, Pipe	1			197																													
F																																						
P	S-447C	7078+92.69	IWBCD2	RT.	Inlet, Pipe	1	49																													1		
F																																						
P	S-448A	690+59.74	BL400	LT.	Inlet, Pipe	1			186																													
F																																						
P	S-448C	7078+92.53	IWBCD2	LT.	Inlet, Pipe	1	103																															
F																																						
P	S-448C1	7079+98.90	IWBCD2	LT.	Inlet, Pipe	1	90																															
F																																						
P	S-449A	692+50.20	BL400	LT.	Inlet, Pipe	1							24																									
F																																						
P	S-450A	306+50.00	IA_CFP	LT.	Inlet, Pipe	1	47																															
F																																						
P	S-451A	306+50.00	IA_CFP	RT.	Inlet, Pipe	1	47																															
F																																						
P	S-452A	307+00.00	IA_CFP	LT.	Inlet, Pipe	1	25																															
F																																						
P	S-453A	307+00.00	IA_CFP	RT.	Inlet, Pipe	1	107																															
F																																						
P	S-454A	307+50.00	IA_CFP	LT.	Inlet, Pipe	1	47																															
F																																						
Sheet Summary					P Total		677	321	578	46	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0		0	0	0	0	0	1	0	0	0
					F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0

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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	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 81

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)								CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT										STRAIGHT				CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	S-439C1	7076+92.32	IWBCD2	LT.																												ALT. A 5.0' DIA
F																																
P	S-440A	683+60.00	BL400	LT.							1																					
F																																
P	S-441A	683+88.28	BL400	LT.							1																					
F																																
P	S-442A	684+20.00	BL400	LT.							1																					
F																																
P	S-443A	212+56.45	ISLIP2	LT.	1																											
F																																
P	S-444A	684+80.00	BL400	LT.							1																					
F																																
P	S-445A	685+60.00	BL400	LT.							1																					
F																																
P	S-446A	214+59.78	ISLIP2	LT.	1																											
F																																
P	S-447A	216+54.99	ISLIP2	LT.	1																											
F																																
P	S-447C	7078+92.69	IWBCD2	RT.																												
F																																
P	S-448A	690+59.74	BL400	LT.	1																											
F																																
P	S-448C	7078+92.53	IWBCD2	LT.							1																					
F																																
P	S-448C1	7079+98.90	IWBCD2	LT.							1																					
F																																
P	S-449A	692+50.20	BL400	LT.			1																									ALT. B 5.0'x7.0'
F																																
P	S-450A	306+50.00	IA_CFP	LT.							1																					
F																																
P	S-451A	306+50.00	IA_CFP	RT.							1																					
F																																
P	S-452A	307+00.00	IA_CFP	LT.							1																					
F																																
P	S-453A	307+00.00	IA_CFP	RT.							1																					
F																																
P	S-454A	307+50.00	IA_CFP	LT.							1																					
F																																
Sheet Summary	P Total				4	0	1	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	F Total				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 82

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)													TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)					TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE					P-BOT	J-BOT	P-BOT	P-BOT		J-BOT		PARTIAL	MOD. TOP	P-BOT		J-BOT		P-BOT		J-BOT	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"		<10'	>10'	<10'	<10'	>10'	<10'	>10'			<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'
P	S-455A	307+50.00	IA_CFP	RT.	Inlet, Pipe	1	47																													
F																																			
P	S-456A	693+73.82	BL400	LT.	Inlet, Pipe	1		118																												
F																																			
P	S-456C	7080+92.50	IWBCD2	RT.	Inlet, Pipe	1	41																										1			
F																																			
P	S-457A	694+62.66	BL400	LT.	Inlet, Pipe	1		85																												
F																																			
P	S-457A1	307+90.00	IA_CFP	RT.	Inlet, Pipe	1	101																													
F																																			
P	S-457C	7080+92.68	IWBCD2	LT.	Inlet, Pipe	1	61																													
F																																			
P	S-457C1	7081+98.55	IWBCD2	LT.	Inlet, Pipe	1	91																													
F																																			
P	S-457C2	7081+98.55	IWBCD2	RT.	Inlet, Pipe	1	37																										1			
F																																			
P	S-457O1	7080+92.68	IWBCD2	LT.	Manhole, Pipe	1	49																	1												
F																																			
P	S-457O2	7080+97.01	IWBCD2	LT.	MES																															
F																																			
P	S-458C	202+06.33	ISLIP2	RT.	Manhole, Pipe	1	46																		1											
F																																			
P	S-465C	202+56.35	ISLIP2	RT.	Manhole, Pipe	1	37																		1											
F																																			
P	S-466C	7082+92.67	IWBCD2	LT.	Inlet, Pipe	1	103																													
F																																			
P	S-466C1	7083+99.38	IWBCD2	LT.	Inlet, Pipe	1	78																													
F																																			
P	S-475C	7084+82.32	IWBCD2	RT.	Manhole, Pipe	1						36															1									
F																																			
P	S-476C	7084+82.32	IWBCD2	LT.	Inlet, Pipe	1						70																								
F																																			
P	S-476C1	7085+98.91	IWBCD2	LT.	Inlet, Pipe	1	90																													
F																																			
P	S-477C	7084+75.87	IWBCD2	LT.	MES																															
F																																			
P	S-477C1	7084+82.32	IWBCD2	LT.	Manhole, Pipe	1						44															1									
F																																			
Sheet Summary					P Total		781	203	0	0	0	150	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	2	0	0	0
					F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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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	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 83

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)									CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT											STRAIGHT				CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	S-455A	307+50.00	IA_CFP	RT.							1																					
F																																
P	S-456A	693+73.82	BL400	LT.	1																											
F																																
P	S-456C	7080+92.50	IWBCD2	RT.																												
F																																
P	S-457A	694+62.66	BL400	LT.	1																											
F																																
P	S-457A1	307+90.00	IA_CFP	RT.		1																										
F																																
P	S-457C	7080+92.68	IWBCD2	LT.								1																				
F																																
P	S-457C1	7081+98.55	IWBCD2	LT.							1																					
F																																
P	S-457C2	7081+98.55	IWBCD2	RT.																												
F																																
P	S-457O1	7080+92.68	IWBCD2	LT.																												ALT. A 4.0' DIA
F																																
P	S-457O2	7080+97.01	IWBCD2	LT.											1																	1:2
F																																
P	S-458C	202+06.33	ISLIP2	RT.																												ALT. B 4.0'x5.0'
F																																
P	S-465C	202+56.35	ISLIP2	RT.																												ALT. B 4.0'x5.0'
F																																
P	S-466C	7082+92.67	IWBCD2	LT.							1																					
F																																
P	S-466C1	7083+99.38	IWBCD2	LT.							1																					
F																																
P	S-475C	7084+82.32	IWBCD2	RT.																												ALT. B 4.0'x7.0'
F																																
P	S-476C	7084+82.32	IWBCD2	LT.									1																			ALT. B 4.0'x7.0'
F																																
P	S-476C1	7085+98.91	IWBCD2	LT.							1																					
F																																
P	S-477C	7084+75.87	IWBCD2	LT.															1													1:2
F																																
P	S-477C1	7084+82.32	IWBCD2	LT.																												ALT. B 4.0'x7.0'
F																																
Sheet Summary	P Total				2	1	0	0	0	0	5	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
	F Total				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 84

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)													TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)						TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE																				
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"	P-BOT <10'	P-BOT >10'	P-BOT <10'	P-BOT <10'	P-BOT >10'	J-BOT <10'	J-BOT >10'	PARTIAL	MOD. TOP	P-BOT <10'	P-BOT >10'	J-BOT <10'	J-BOT >10'	P-BOT <10'	P-BOT >10'	J-BOT <10'	J-BOT >10'
P	S-479B	676+60.45	BL400	RT.	Manhole, Pipe	1								17												1										
F																																				
P	S-478C/ S-479C	675+84.52/ 676+60.45	BL400	RT.	U-Type EW, Manhole, Pipe	1								189												1										
F																																				
P	S-480C	676+60.45	BL400	RT.	Manhole, Pipe	1								11						113						1										
F																																				
P	S-482C	7084+92.46	IWBCD2	LT.	Manhole, Pipe	1								337												1										
F																																				
P	S-491A	676+26.07	BL400	RT.	MES, Pipe	1	27																														
F																																				
P	S-491C	7086+92.51	IWBCD2	RT.	Manhole, Pipe	1	37																		1											
F																																				
P	S-492C	7086+92.51	IWBCD2	LT.	Inlet, Pipe	1	96																														
F																																				
P	S-492C1	7087+92.49	IWBCD2	LT.	Inlet, Pipe	1		97																													
F																																				
P	S-494A	676+95.00	BL400	RT.	MES, Pipe	1	27																														
F																																				
P	S-494B	676+60.45	BL400	RT.	Inlet, Pipe	1														102																	
F																																				
P	S-494C	7087+92.49	IWBCD2	RT.	Manhole, Pipe	1	96																			1										
F																																				
P	S-495C	7088+36.93	IWBCD2	LT.	Manhole, Pipe	1								81													1										
F																																				
P	S-496C	7088+37.27	IWBCD2	LT.	MES																																
F																																				
P	S-504C	7088+92.50	IWBCD2	RT.	Inlet, Pipe	1	37																												1		
F																																				
P	S-505C	7088+92.50	IWBCD2	LT.	Inlet, Pipe	1		97																													
F																																				
P	S-505C1	7089+92.51	IWBCD2	LT.	Inlet, Pipe	1		72																													
F																																				
P	S-508C	7089+92.51	IWBCD2	RT.	Inlet, Pipe	1	72																												1		
F																																				
P	S-519C	7090+67.94	IWBCD2	RT.	Inlet, Pipe	1	37																												1		
F																																				
P	S-520C	7090+68.11	IWBCD2	LT.	Inlet, Pipe	1		72																													
F																																				
Sheet Summary	P Total						429	338	0	0	0	0	0	635	0	0	0	0	0	215	0	0	0	0	0	2	5	0	0	0	0	0	0	3	0	0	0
	F Total						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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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	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 85

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)								CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT										STRAIGHT				CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	S-479B	676+60.45	BL400	RT.																												ALT. A 9.0'-DIA
F																																
P	S-478C/ S-479C	675+84.52/ 676+60.45	BL400	RT.																							34.49	3.55				U-TYPE EW W/O ENERGY DISSIPATOR; ALT. A 9.0'-DIA; WALL ZONE PIPE - STEEL
F																																
P	S-480C	676+60.45	BL400	RT.																												ALT. B 5.0'x8.0'; 113-LF OF 60" STEEL PIPE & CASING FOR JACK/ BORE OR MICROTUNNELING
F																																
P	S-482C	7084+92.46	IWBCD2	LT.																												ALT. B 9.0'x8.0'
F																																
P	S-491A	676+26.07	BL400	RT.											1															25		1:4
F																																
P	S-491C	7086+92.51	IWBCD2	RT.																												ALT. B 4.0'x5.0'
F																																
P	S-492C	7086+92.51	IWBCD2	LT.							1																					
F																																
P	S-492C1	7087+92.49	IWBCD2	LT.							1																					
F																																
P	S-494A	676+95.00	BL400	RT.											1															25		1:4
F																																
P	S-494B	676+60.45	BL400	RT.				1																								ALT. B 4.0'x8.0'; 102-LF OF 60" STEEL PIPE & CASING FOR JACK/ BORE OR MICROTUNNELING
F																																
P	S-494C	7087+92.49	IWBCD2	RT.																												ALT. B 4.0'x5.0'
F																																
P	S-495C	7088+36.93	IWBCD2	LT.																												ALT. B 9.0'x8.0'
F																																
P	S-496C	7088+37.27	IWBCD2	LT.																		1										1:2
F																																
P	S-504C	7088+92.50	IWBCD2	RT.																												
F																																
P	S-505C	7088+92.50	IWBCD2	LT.							1																					
F																																
P	S-505C1	7089+92.51	IWBCD2	LT.							1																					
F																																
P	S-508C	7089+92.51	IWBCD2	RT.																												
F									0																							
P	S-519C	7090+67.94	IWBCD2	RT.																												
F																																
P	S-520C	7090+68.11	IWBCD2	LT.							1																					
F																																
Sheet Summary				P Total	0	0	0	1	0		5	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	34.49	3.55	0	50.0	0	
				F Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 86

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)													TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)						TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE					P-BOT	J-BOT	P-BOT	P-BOT		J-BOT		PARTIAL	MOD. TOP	P-BOT		J-BOT		P-BOT		J-BOT	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"		<10'	>10'	<10'	<10'	>10'	<10'	>10'			<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'
P	S-520C1	7091+44.05	IWBCD2	LT.	Inlet, Pipe	1			71																												
F																																				
P	S-520C2	7092+20.04	IWBCD2	LT.	Inlet, Pipe	1			68																												
F																																				
P	S-525C	7091+44.05	IWBCD2	RT.	Inlet, Pipe	1	36																												1			
F																																				
P	S-537C	7092+92.50	IWBCD2	RT.	Inlet, Pipe	1	36																												1			
F																																				
P	S-538C	7092+92.50	IWBCD2	LT.	Inlet, Pipe	1			95																												
F																																				
P	S-538C1	7093+91.76	IWBCD2	LT.	Inlet, Pipe	1			99																												
F																																				
P	S-547C	7094+95.23	IWBCD2	RT.	Inlet, Pipe	1	36																												1			
F																																				
P	S-548C	7094+95.23	IWBCD2	LT.	Inlet, Pipe	1			57																												
F																																				
P	S-548C1	300+55.74	IA_CFP	LT.	Inlet, Pipe	1			79																												
F																																				
P	S-550C	400+55.90	IC_CFP	RT.	Manhole, Pipe	1	80																			1											
F																																				
P	S-551C	401+39.93	IC_CFP	RT.	Manhole, Pipe	1	46																			1											
F																																				
P	S-552C	301+39.50	IA_CFP	LT.	Inlet, Pipe	1			45																												
F																																				
P	S-560C	401+89.93	IC_CFP	RT.	Manhole, Pipe	1				35																1											
F																																				
P	S-561C	301+89.41	IA_CFP	LT.	Inlet, Pipe	1				29																											
F																																				
P	S-561C1	301+89.41	IA_CFP	LT.	Manhole, Pipe	1				118																	1										
F																																				
P	S-562C	302+44.49	IA_CFP	LT.	MES																																
F																																				
P	S-566C	302+39.25	IA_CFP	LT.	Inlet, Pipe	1	45																														
F																																				
P	S-573C	303+90.69	IA_CFP	LT.	Inlet, Pipe	1						30																									
F																																				
P	S-574C	303+64.62	IA_CFP	LT.	MES																																
F																																				
Sheet Summary					P Total		279	0	514	182	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	3	0	0	0
					F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 87

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)								CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT		STRAIGHT												CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	S-520C1	7091+44.05	IWBCD2	LT.									1																			ALT. B 5.0'x5.0'
F																																
P	S-520C2	7092+20.04	IWBCD2	LT.									1																			ALT. B 5.0'x5.0'
F																																
P	S-525C	7091+44.05	IWBCD2	RT.																												
F																																
P	S-537C	7092+92.50	IWBCD2	RT.																												
F																																
P	S-538C	7092+92.50	IWBCD2	LT.									1																			ALT. B 5.0'x5.0'
F																																
P	S-538C1	7093+91.76	IWBCD2	LT.									1																			ALT. B 5.0'x5.0'
F																																
P	S-547C	7094+95.23	IWBCD2	RT.																												
F																																
P	S-548C	7094+95.23	IWBCD2	LT.									1																			ALT. B 5.0'x5.0'
F																																
P	S-548C1	300+55.74	IA_CFP	LT.									1																			ALT. B 5.0'x5.0'
F																																
P	S-550C	400+55.90	IC_CFP	RT.																												ALT. B 4.0'x5.0'
F																																
P	S-551C	401+39.93	IC_CFP	RT.																												ALT. B 4.0'x5.0'
F																																
P	S-552C	301+39.50	IA_CFP	LT.									1																			ALT. B 5.0'x5.0'
F																																
P	S-560C	401+89.93	IC_CFP	RT.																												ALT. B 4.0'x5.0'
F																																
P	S-561C	301+89.41	IA_CFP	LT.									1																			ALT. B 5.0'x5.0'
F																																
P	S-561C1	301+89.41	IA_CFP	LT.																												ALT. A 6.0' DIA
F																																
P	S-562C	302+44.49	IA_CFP	LT.														1														1:2
F																																
P	S-566C	302+39.25	IA_CFP	LT.									1																			ALT. B 6.0'x5.0'
F																																
P	S-573C	303+90.69	IA_CFP	LT.										1																		ALT. B 5.0'x6.0'
F																																
P	S-574C	303+64.62	IA_CFP	LT.																1												1:2
F																																
Sheet Summary	P Total				0	0	0	0	0	0	0	0	9	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
	F Total				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 88

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)													TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)						TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE					P-BOT	J-BOT	P-BOT	P-BOT		J-BOT		PARTIAL	MOD. TOP	P-BOT		J-BOT		P-BOT		J-BOT	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"		<10'	>10'	<10'	<10'	>10'	<10'	>10'			<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'
P	S-574C1	303+90.66	IA_CFP	LT.	Manhole, Pipe	1						96															1									
F																																				
P	S-607C	405+81.27	IC_CFP	RT.	Manhole, Pipe	1								56													1									
F																																				
P	S-608C	405+78.27	IC_CFP	LT.	Manhole, Pipe	1								45													1									
F																																				
P	S-609C	405+26.36	IC_CFP	LT.	Manhole, Pipe	1								32													1									
F																																				
P	S-610C	305+25.55	IA_CFP	LT.	Inlet, Pipe	1								21																						
F																																				
P	S-611C	305+25.76	IA_CFP	LT.	Manhole, Pipe	1								338													1									
F																																				
P	S-612C	1003+68.71	POND142	RT.	Manhole, Pipe	1								78													1									
F																																				
P	S-613C	1003+71.67	POND142	RT.	Manhole, Pipe	1								241													1									
F																																				
P	S-614A	305+77.20	IA_CFP	LT.	Inlet, Pipe	1	47																														
F																																				
P	S-634C	1006+20.00	POND142	RT.	Manhole, Pipe	1								99													1									
F																																				
P	S-634C1	1006+20.00	POND142	RT.	Manhole, Pipe	1								54													1									
F																																				
P	S-635C	1006+19.71	POND142	RT.	MES																															
F																																				
P	J-141O1	654+60.34	BL400	RT.	Inlet, Pipe	1							336																							
F																																				
P	J-141O2	658+01.26	BL400	RT.	Inlet, Pipe	1													85																	
F																																				
P	J-141O3	658+01.26	BL400	LT.	Inlet, Pipe	1							95						22																	1
F																																				
P	CSPNDC1/ CSPNDC2	616+17.51	IC_DCP	RT.	Inlet, Pipe, MES	1				80																										
F																																				
P	OTW203	609+79.40	PND141	RT.	Manhole, Pipe	1				17																	1									
F																																				
P	BSL-1A	12+51.81	LADITCH2	LT.	Manhole, Pipe	1									10																			1			
F																																				
P	BSL-1	12+38.64	LADITCH2	LT.	EW																															
F																																				
Sheet Summary					P Total	1	47	0	0	97	0	96	431	964	10	0	0	0	107	0	0	0	0	0	0	0	10	0	0	0	0	1	0	0	0	0	1
					F Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 89

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)									CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT		STRAIGHT														CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	S-574C1	303+90.66	IA_CFP	LT.																												ALT. B 4.0'x6.0'
F																																
P	S-607C	405+81.27	IC_CFP	RT.																												ALT. B 5.0'x7.0'; WALL ZONE PIPE - STEEL
F																																
P	S-608C	405+78.27	IC_CFP	LT.																												ALT. B 8.0'x7.0'
F																																
P	S-609C	405+26.36	IC_CFP	LT.																												ALT. B 8.0'x7.0'; WALL ZONE PIPE - STEEL
F																																
P	S-610C	305+25.55	IA_CFP	LT.										1																		ALT. B 5.0'x7.0'; WALL ZONE PIPE - STEEL
F																																
P	S-611C	305+25.76	IA_CFP	LT.																												ALT. B 5.0'x8.0'
F																																
P	S-612C	1003+68.71	POND142	RT.																												ALT. B 5.0'x8.0'; WALL ZONE PIPE - STEEL
F																																
P	S-613C	1003+71.67	POND142	RT.																												ALT. B 8.0'x7.0'
F																																
P	S-614A	305+77.20	IA_CFP	LT.							1																					
F																																
P	S-634C	1006+20.00	POND142	RT.																												ALT. B 7.0'x8.0'; WALL ZONE PIPE - STEEL
F																																
P	S-634C1	1006+20.00	POND142	RT.																												ALT. B 5.0'x8.0'
F																																
P	S-635C	1006+19.71	POND142	RT.																		1										MES 1:2
F																																
P	J-141O1	654+60.34	BL400	RT.				1																								ALT. B 7.0'x6.0'
F																																
P	J-141O2	658+01.26	BL400	RT.				1																								ALT. B 7.0'x6.0'; FILL EXISTING PIPE 85-LF OF STEEL PIPE & CASING FOR JACK/ BORE OR MICROTUNNELING;WALL ZONE PIPE - STEEL
F																																
P	J-141O3	658+01.26	BL400	LT.																												ALT. B 7.0'x6.0'; 22-LF OF 54" STEEL PIPE & CASING FOR JACK/BORE OR MICROTUNNELING; WALL ZONE PIPE - STEEL
F																																
P	CSPNDC1/ CSPNDC2	616+17.51	IC_DCP	RT.					1									1													34		MODIFIED TYPE E (SEE CONTROL STRUCTURE DETAIL FOR FURTHER INFORMATION) MES 1:4 (STR NO CSPNDC2)
F																																
P	OTW203	609+79.40	PND141	LT.																												ALT. A 8.0' DIA
F																																
P	BSL-1A	12+51.81	LADITCH2	LT.																												ALT. A 8.0' DIA
F																																
P	BSL-1	12+38.64	LADITCH2	LT.																						13.2						66", SINGLE CONCRETE ENDWALL
F																																
Sheet Summary	P Total				0	0	0	2	1	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	13.2	0	0	0	34.0	0	
	F Total				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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REVISIONS

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 90

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)													TYPE 1 CURB INLETS (EA)		TYPE 2 CURB INLET	TYPE 7 MANHOLES (EA)						TYPE 8 MANHOLES (EA)				SHOULDER BARRIER WALL INLETS (EA)			
							ROUND									ELLIP	JACK AND BORE					P-BOT	J-BOT	P-BOT	P-BOT		J-BOT		PARTIAL	MOD. TOP	P-BOT		J-BOT		P-BOT		J-BOT	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	38"x60"	24"	48"	54"	60"		<10'	>10'	<10'	<10'	>10'	<10'	>10'			<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'
P	BSL-2	14+78.89	LADITCH2	LT.	Inlet, Pipe	1								222																						
F																																				
P	BSL-3	17+58.67	LADITCH2	LT.	Manhole, Pipe	1														276												1				
F																																				
P	BSL-4	20+03.33	LADITCH2	LT.	Inlet, Pipe	1								245																						
F																																				
P	BSL-5	20+83.78	LADITCH2	LT.	Manhole, Pipe	1								78					123												1				
F																																				
P	BSL-5A	706+60.81	BL400	LT.	Manhole, Pipe	1													325												1				
F																																				
P	BSL-5B	706+51.81	BL400	LT.	Inlet, Pipe	1						52																								
F																																				
P	BSL-5C	20+85+03	LADITCH2	LT.	Manhole, Pipe	1								8																		1				
F																																				
P	EX-4	21+10.90	LADITCH2	LT.	Inlet, Pipe	1	80																1													
F																																				
P	BSL-6	706+74.63	BL400	RT.	Manhole, Pipe	1												206														1				
F																																				
P	BSL-6A	705+69.47	BL400	RT.	Inlet, Pipe	1		106																												
F																																				
P	BSL-6B	705+82.95	BL400	RT.	Manhole, Pipe	1		8									157														1				
F																																				
P	BSL-7	31+51.37	CFP	RT.	Manhole, Pipe	1						304																				1				
F																																				
P	EX-1	34+41.70	CFP	RT.	Manhole	1																										1				
F																																				
P																																				
F																																				
P																																				
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F																																				
Sheet Summary					P Total		80	114	0	0	0	356	0	553	0	0	157	206	448	276	0	0	1	0	0	0	0	0	0	0	8	0	0	0	0
					F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Summary					P Total		12995	5815	5127	668	1016	2076	761	2240	10	36	157	206	666	536	12	0	1	14	1	21	42	0	4	0	0	1	8	47	4	10	14
					F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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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	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 91

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	TYPE E DITCH BOTTOM INLETS (EA)						TYPE S GUTTER INLETS (EA)				CROSS DRAIN MITERED END SECTIONS (EA)								CONC. ENDWALL (CY)				60" U-TYPE ENDWALL		RUBBLE RIP RAP	SODDING	FLOWABLE FILL	REMARKS
					P-BOT		J-BOT		MODIFY		P-BOT		J-BOT										STRAIGHT				CONC	STEEL				
					<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	<10'	>10'	18"	24"	30"	36"	42"	48"	54"	60"	66"	18"	24"	48"	66"	CY	LB	TN	SY	CY	
P	BSL-2	14+78.89	LADITCH2	LT.			1																									ALT. B 5.0'x.7.0'
F																																
P	BSL-3	17+58.67	LADITCH2	LT.																												ALT. B 4.0'x7.0'; 276-LF OF 60" STEEL PIPE & CASING FOR JACK/ BORE OR MICROTUNNELING
F																																
P	BSL-4	20+03.33	LADITCH2	LT.				1																								ALT. B 5.0'x.7.0'; 18" CONCRETE JACKET CONNECTION (LEFT)
F																																
P	BSL-5	20+83.78	LADITCH2	LT.																												ALT. A 10.0' DIA; 123-LF OF 54" STEEL PIPE & CASING FOR JACK/ BORE OR MICROTUNNELING; 24" CONCRETE JACKET (RT)
F																																
P	BSL-5A	706+60.81	BL400	LT.																												ALT. B 15.0'x7.0'; 325-LF OF 54" STEEL PIPE & CASING FOR JACK/ BORE OR MICROTUNNELING
F																																
P	BSL-5B	706+51.81	BL400	LT.			1																									ALT. B 15.0'x.5.0'
F																																
P	BSL-5C	20+85+03	LADITCH2	LT.																												ALT. A 7.0' DIA; 36" CONCRETE JACKET CONNECTION TO THE RIGHT
F																																
P	EX-4	21+10.90	LADITCH2	LT.																												
F																																
P	BSL-6	706+74.63	BL400	RT.																												ALT. B 7.0'x8.0'; 206-LF OF 48" STEEL PIPE & CASING FOR JACK/ BORE OR MICROTUNNELING
F																																
P	BSL-6A	705+69.47	BL400	RT.		1																										
F																																
P	BSL-6B	705+82.95	BL400	RT.																												ALT. A 6.0' DIA'; 157-LF OF 24" STEEL PIPE & CASING FOR JACK/ BORE; 24" CONC. JACKET (BACK)
F																																
P	BSL-7	31+51.37	CFP	RT.																												ALT. A 6.0' DIA
F																																
P	EX-1	34+41.70	CFP	RT.																											13.0	ALT. B 6.0'x6.0'; EXIST. PIPE TO THE RIGHT TO BE PLUG/ FILLED WITH 28' LF OF 48" FLOWABLE FILL
F																																
P																																
F																																
P																																
F																																
P																																
F																																
P																																
F																																
P																																
F																																
Sheet Summary	P Total				0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13.0	
	F Total				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Summary	P Total				46	2	15	12	5	2	92	2	17	6	11	4	1	3	2	6	1	2	0	3.12	4.48	0	13.2	34.49	3.55	32.0	395.0	52.0	
	F Total				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 92

GENERAL NOTES

1. The Contractor may use any of the optional pipe materials tabulated for a given structure. Only the material options tabulated for a given structure can be used.

2. Adjustment to the bid quantities, prices and payment will not be allowed due to increase or decrease in structure size, shape, length, width, depth or accessory construction necessary to accommodate the use of an optional pipe material other than the "plotted" option; likewise there will be no added or reduced compensation for structure alterations required to relieve utility conflicts which arise from the use of an optional material other than the "plotted" option.

3. Adjustment to the bid quantities, prices and payment will not be allowed due to increased or decreased excavation, bedding, borrow, backfilling, compaction, special installation requirements or disposal of excess materials due to use of any of the pipe optional materials. Likewise, adjustment in the quantities, prices and payment will not be allowed due to differences in end treatment size or types, pipe length, alternate jointing and connecting materials, saddles, cradles, filter fabrics, shoring or similar features due to the use of an optional material other than the "plotted" option.

4. If adjustments are required due to plan errors or omissions or authorized field changes, the "plotted" material and not the material elected by the Contractor would be used to establish new pay quantities.

5. The Contractor shall notify the Department in writing as to which optional pipe material he chooses to use at the preconstruction conference. Once identified the contactor may not change pipe material selected without the approval of the Engineer.

LEGEND:

NRCP - NON-REINFORCED CONCRETE PIPE
RCP - STEEL-REINFORCED CONCRETE PIPE
PVC - POLYVINYL CHLORIDE (ASTM F-949)
SRASP - SPIRAL RIB ALUMINIZED STEEL PIPE, 12 GA.
SRAP - SPIRAL RIB ALUMINUM PIPE, 12 GA.
HDPE - HIGH DENSITY POLYETHYLENE, CLASS II
SRSP - SPIRAL RIB STEEL PIPE, 12 GA.
PP - POLYPROPYLENE PIPE
SRPE - STEEL REINFORCED POLYETHYLENE PIPE
SP - STEEL PIPE

STORM SEWER & CROSS DRAIN (100 YR DSL)

STRUCTURE	SIZE (Inches)	MATERIAL	PLOTTED	AS BUILT	REMARKS
CS-140B3A	18	RCP CLASS II	X		
		NRCP CLASS II, SRAP, PVC			
		SRASP, HDPE CLASS II			
S-333A, S-429A, S-491A	18	RCP	X		
		NRCP, SRASP, PVC			
		PP, HDPE CLASS II			
S-250C, S-276C, S-280C, S-283C	18	SP	X		
S-310A, S-312A, S-327C, S-376C		PVC, PP			
S-379C, S-392C					
			X		
S-237C, S-259C, S-244C, S-247C	18	SP			
S-248C, S-267C, S-320C, S-323C		PVC			
S-328C, S-333C, S-336C, S-365C					

STORM SEWER & CROSS DRAIN (100 YR DSL)

STRUCTURE	SIZE (Inches)	MATERIAL	PLOTTED	AS BUILT	REMARKS
S-100C, S-101A, S-102A, S-102C	18	RCP	X		
S-103A, S-104C, S-105C, S-107A		NRCP, SRAP, SRASP, PVC			
S-109A, S-109C, S-110A, S-110C		HDPE CLASS II, PP			
S-111C, S-112A, S-113A, S-124A					
S-125A, S-126A, S-127A, S-128A					
S-129A, S-200A, S-202C, S-204A					
S-215C, S-226C, S-229C, S-236C					
S-246C, S-249C, S-252C					
S-258C, S-259C1, S-259C2					
S-266C, S-268C, S-277C, S-281C					
S-282C, S-284C, S-286C, S-287C					
S-288C, S-289C, S-300A, S-301A					
S-302A, S-303A, S-305A, S-305C					
S-306A, S-306C, S-308A, S-308C					
S-309A, S-309C, S-311A, S-311C					
S-313A, S-313C, S-314A, S-314C					
S-315A, S-316A, S-317A, S-317C					
S-318A, S-318C, S-319A, S-319C					
S-320A, S-321A, S-322A, S-322C					
S-323A, S-325A, S-326A, S-326C					
S-327A, S-329C, S-331A					
S-332A, S-332C, S-335C, S-340C1					
S-348C1, S-348C2, S-368C, S-371C					
S-377C, S-380C, S-385C1, S-398C					
S-399C, S-399C1, S-400A, S-401A					
S-402A, S-403A, S-405A, S-406C					
S-408A, S-411A, S-412A, S-415A					
S-415C, S-416A, S-417A, S-418A					
S-419A, S-420C, CS-141B1, CS-141B2					
CS-142B1, CS-142B2, BSL201					
BSL202, BSL204, BSL205					
S-428A, S-428C, S-431C, S-433A	18	RCP	X		
S-433A1, S-434A, S-437C, S-438C1		NRCP, SRAP, SRSP, SRASP			
S-439A1, S-442A, S-444A, S-445A		PVC, HDPE CLASS II, PP			
S-447C, S-448C, S-448C1, S-450A					
S-451A, S-452A, S-453A, S-454A					
S-455A, S-456C, S-457A1, S-457C1					
S-457C2, S-457D1, S-458C, S-465C					
S-466C, S-466C1, S-476C1, S-491C					
S-492C, S-494A, S-494C, S-504C					
S-508C, S-519C, S-525C, S-537C					
S-547C, S-550C, S-551C, S-566C					
S-614A, S-457C, BSL217					
CS-141B3, CS141B4					
S-334C	18	RCP CLASS IV	X		
		NRCP CLASS IV, SRAP			
		SRASP, PVC			
S-315C	18	RCP CLASS III	X		
		NRCP CLASS III, SRAP			
		SRASP, PVC			

REVISIONS

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

OPTIONAL MATERIALS TABULATION (1)

SHEET NO. 93

PRELIMINARY: NOT FOR CONSTRUCTION

STORM SEWER & CROSS DRAIN (100 YR DSL)

STRUCTURE	SIZE (Inches)	MATERIAL	PLOTTED	AS BUILT	REMARKS
S-206A	24	SP	X		
		PVC, PP			
S-262C	24	SP	X		
		PVC			
S-103C, S-104A, S-105A, S-303C	24	RCP	X		
S-304A, S-304C, S-307C, S-367C		NRCP, SRAP, SRASP, PVC			
S-404A, S-407A, S-407C, S-407C1		HDPE CLASS II, PP			
S-410A, S-410A1, S-415B					
S-416B, S-416C, S-416C1, S-419A					
S-420A, S-421A, BSL206, BSL207					
S-337C	24	RCP CLASS IV	X		
		NRCP CLASS IV, SRAP			
		SRSP, SRASP, PVC			
S-378C	24	RCP CLASS II	X		
		NRCP CLASS II, SRAP, PVC			
		SRSP, SRASP, PP			
S-101C	24	RCP CLASS II	X		
		NRCP CLASS II, SRAP, PVC, SRSP			
		SRASP, PP, HDPE CLASS II			
S-106C, S-114A, S-116A, S-117A	24	RCP	X		
S-118A, S-119A, S-201A, S-203A		NRCP, SRAP, SRSP, SRASP			
S-205A, S-206C, S-211C, S-219C		PVC, PP, HDPE CLASS II			
S-224C, S-243C, S-256C, S-261C					
S-264C, S-328A, S-329A, S-338C					
S-364C, S-370C, S-375C, S-391C					
S-407A1, S-421C, S-421C1, S-422A					
S-423A, S-437A, S-438A, S-439A					
S-440A, S-441A, S-443A, S-456A					
S-457A, S-492C1, S-505C, S-505C1					
S-120A, S-121A, S-122A, S-123A					
S-520C					
S-367C	24	RCP	X		
		NRCP, SRAP, SRASP, PVC			
		HDPE CLASS II, PP			
S-310C, S-372C, S-373C, S-373C1	30	RCP	X		
S-373C2, S-384C		NRCP, SRAP, SRASP, PVC			
		HDPE CLASS II, SRPE, PP			

STORM SEWER & CROSS DRAIN (100 YR DSL)

STRUCTURE	SIZE (Inches)	MATERIAL	PLOTTED	AS BUILT	REMARKS
S-312C, S-316C, S-355C, S-361C	30	RCP	X		
S-424A, S-425A, S-426A, S-429C		NRCP, SRAP, SRSP, SRASP			
S-429C1, S-430A, S-432A, S-435A		PVC, SRPE, HDPE CLASS II			
S-436A, S-446A, S-447A		PP			
S-448A, S-520C1, S-520C2, S-538C					
S-538C1, S-548C, S-548C1, S-552C					
BSL208, BSL209, BSL210, BSL211					
BSL212, BSL213, BSL214, BSL215					
BSL216A, FPC141A					
S-321C, S-324C, S-325C, S-438C	36	RCP	X		
S-439C1, S-560C, S-561C		NRCP, SRAP, SRSP, SRASP			
		PVC, SRPE, HDPE CLASS II			
		PP			
S-561C1	36	RCP CLASS III	X		
		SRAP, SRSP, SRASP, PVC			
		NRCP CLASS III, SRPE			
OTW203	36	RCP	X		
		SRAP, SRASP, PVC, SRPE			
		NRCP, HDPE CL II, PP			
S-330C, S-331C, S-339C, S-340C	42	RCP	X		
S-348C		SRAP, SRSP, SRASP			
		HDPE CLASS II, SRPE, PP			
S-386C1	42	RCP CLASS II	X		
		SRAP, SRASP, SRPE, PP			
S-385C	42	RCP CLASS II	X		
		SRAP, SRASP, SRPE, PP			
		HDPE CLASS II			
BSL203	42	RCP	X		
		SRAP, SRASP, SRPE, PP			
		HDPE CLASS II			
S-106A	48	RCP	X		
		SRAP, SRASP, SRPE, PP			
		HDPE CLASS II			
S-113C, S-213C, S-356C, S-475C	48	RCP	X		
S-476C, S-573C, BSL216, FPC141B		SRAP, SRSP, SRASP, SRPE			
		HDPE CLASS II, PP			

LEGEND:

NRCP - NON-REINFORCED CONCRETE PIPE
RCP - STEEL-REINFORCED CONCRETE PIPE
PVC - POLYVINYL CHLORIDE (ASTM F-949)
SRASP - SPIRAL RIB ALUMINIZED STEEL PIPE, 12 GA.
SRAP - SPIRAL RIB ALUMINUM PIPE, 12 GA.
HDPE - HIGH DENSITY POLYETHYLENE, CLASS II
SRSP - SPIRAL RIB STEEL PIPE, 12 GA.
PP - POLYPROPYLENE PIPE
SRPE - STEEL REINFORCED POLYETHYLENE PIPE
SP - STEEL PIPE

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

OPTIONAL MATERIALS TABULATION (2)

SHEET NO. 94

PRELIMINARY: NOT FOR CONSTRUCTION

STORM SEWER & CROSS DRAIN (100 YR DSL)

STRUCTURE	SIZE (Inches)	MATERIAL	PLOTTED	AS BUILT	REMARKS
S-212C, S-477CI	48	RCP CLASS III	X		
		SRAP, SRSP, SRASP, SRPE			
		PP			
S-220C, S-574CI	48	RCP CLASS II	X		
		SRAP, SRSP, SRASP, SRPE			
		PP			
S-270C, S-271C, S-272C	48	SP	X		
J-14101	54	RCP	X		
		SRAP, SRASP, SRPE			
S-449A	54	RCP	X		
		SRAP, SRSP, SRASP, SRPE			
S-389C, S-393C	54	RCP CLASS III	X		
		SRAP, SRASP, SRPE			
S-357C, J-14102, J14103	54	SP	X		
S-427A, S-479B, S-479C, S-479CI	60	SP	X		
S-480C, S-494B, S-610C					
S-607C, S-609C, S-612C, S-634C	60	SP	X		
		PVC			
S-613C	60	RCP CLASS II	X		
		SRAP, SRSP, SRASP			
		HDPE CLASS II, SRPE, PP			
S-495C, S-608C	60	RCP CLASS III	X		
		SRAP, SRSP, SRASP			
		SRPE, PP			
S-634CI	60	RCP CLASS IV	X		
		SRAP, SRSP, SRASP, SRPE			
S-611C	60	RCP CLASS V	X		
		SRSP, SRASP			
S-482C, S-495C	60	RCP CLASS III	X		
		SRAP, SRSP, SRASP, SRPE			

WALL ZONE PIPES (B)

STRUCTURE	SIZE (Inches)	MINIMUM WALL THICKNESS (IN.)
SS-310A, SS-312A, SS-365C, SS-376C	18	0.338
SS-379C, SS-392C		
SS-320C		0.338 (ULTIMATE)
SS-259C, SS-267C, SS-276C, SS-280C		0.349
SS-237C, SS-244C, SS-247C, SS-248C		0.349 (ULTIMATE)
SS-250C, SS-323C, SS-327C		
SS-283C		0.443
SS-328C, SS-333C, SS-336C		0.474
SS-206A	24	0.349
SS-262C		0.474
SS-270C, SS-271C, SS-272C	48	0.849
J14103	54	0.818 (ULTIMATE)
SS-479C, SS-479CI	60	0.346 (ULTIMATE)
SS-612C, SS-634C		0.443 (ULTIMATE)
SS-607C		0.818 (ULTIMATE)
SS-609C, SS-610C		0.943 (ULTIMATE)

JACK & BORE

STRUCTURE	SIZE (Inches)	MINIMUM WALL THICKNESS (IN.)
BSL-6B	24	LRFD ANALYSIS TO BE PERFORMED
BSL-6	48	LRFD ANALYSIS TO BE PERFORMED
SS-357C	54	0.838
J14102	54	0.943
BSL-5-1	54	LRFD ANALYSIS TO BE PERFORMED
BSL-5A	54	LRFD ANALYSIS TO BE PERFORMED
BSL-3	60	LRFD ANALYSIS TO BE PERFORMED
SS-479B	60	0.971
SS-480C	60	0.971
SS-494B	60	1.193
SS-427A	60	1.193

LEGEND:

NRCP - NON-REINFORCED CONCRETE PIPE
RCP - STEEL-REINFORCED CONCRETE PIPE
PVC - POLYVINYL CHLORIDE (ASTM F-949)
SRASP - SPIRAL RIB ALUMINIZED STEEL PIPE, 12 GA.
SRAP - SPIRAL RIB ALUMINUM PIPE, 12 GA.
HDPE - HIGH DENSITY POLYETHYLENE, CLASS II
SRSP - SPIRAL RIB STEEL PIPE, 12 GA.
PP - POLYPROPYLENE PIPE
SRPE - STEEL REINFORCED POLYETHYLENE PIPE
SP - STEEL PIPE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Tuy Duong, P.E.
P.E. License No. 66461
AECOM TECHNICAL SERVICES, Inc.
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

OPTIONAL MATERIALS TABULATION (3)

SHEET NO. 95

PRELIMINARY: NOT FOR CONSTRUCTION

Chain	Curve No.	Point Type	Station	Northing	Easting	Bearing	Radius (ft)	Length (ft)	Delta	Rotation Direction	Degree of Curvature	Tangent (ft)	Chord (ft)	e ft/ft	Design Speed (mph)
BL SURVEY SR 400 (I-4)		P.O.T.	515+01.36	1,467,062.8942	491,317.4523										
						N 38°39'53" E									
		P.O.T.	535+01.01	1,468,624.2581	492,566.7592										
						N 38°39'53" E									
		P.O.T.	598+69.18	1,473,596.6263	496,545.3411										
						N 38°39'53" E									
		P.O.T.	637+90.95	1,476,658.8045	498,995.5068										
						N 38°36'21" E									
		P.O.T.	703+81.25	1,481,808.8316	503,107.5943										
						N 38°36'21" E									
	C713	P.C.	703+81.25	1,481,808.8316	503,107.5943										
		P.I.	713+82.08	1,482,590.9362	503,732.0731		2862.32	1925.59	38°32'42"	LT	2°00'6"	1000.83	1889.49	EXIST	N/A
		C.C.		1,483,594.8067	500,870.8179										
		P.T.	723+06.84	1,483,591.7660	503,733.1363										
						N 0°03'39" E									
		P.O.T.	723+06.84	1,483,591.7660	503,733.1363										
BL SURVEY SR 535		P.O.T.	569+55.78	1,460,859.6664	498,076.9192										
						N 36°53'44" W									
	535A	P.C.	617+52.40	1,464,695.6739	495,197.2281										
		P.I.	624+38.57	1,465,244.4263	494,785.2797		2864.79	1346.97	26°56'22"	RT	2°00'00"	686.17	1334.59	EXIST	45
		C.C		1,466,415.5742	497,488.2900										
		P.T.	630+99.37	1,465,920.2636	494,666.6435										
						N 9°57'22" W									
		P.O.T.	675+35.92	1,470,289.9988	493,899.5820										
						N 9°56'14" W									
		P.O.T.	705+99.35	1,473,307.4766	493,370.9351										
BL SURVEY CENTRAL FLORIDA PKWY	CFC1	P.C.	30+89.41	1,482,002.3272	503,622.0822										
		P.I.	33+29.29	1,481,883.3044	503,830.3447		1426.39	475.30	19°05'32"	LT	4°1'00"	239.87	473.11	EXIST	N/A
		C.C.		1,483,240.7404	504,329.8401										
		P.T.	35+64.72	1,481,838.9486	504,066.0824										
						S 79°20'38" E									
	CFC2	P.C.	39+08.30	1,481,775.4650	504,403.7465										
		P.I.	43+01.90	1,481,702.4754	504,790.5235		2297.83	779.64	19°26'25"	RT	2°29'37"	393.60	775.91	EXIST	N/A
		C.C.		1,479,517.4892	503,977.6386										
		P.T.	46+87.94	1,481,504.9191	505,130.9577										
						S 59°52'23" E									
		P.O.T.	49+99.98	1,481,348.4458	505,400.9316										
BL SURVEY TURKEY LAKE ROAD	TLCUR1	P.C.	150+14.96	1,482,351.8342	502,995.7193										
		P.I.	153+34.30	1,482,509.4761	502,718.0093		230.00	435.44	108°28'24"	RT	24°54'40"	319.33	373.26	EXIST	N/A
		C.C.		1,482,551.8549	503,109.2610										
		P.T.	154+50.40	1,482,722.9251	502,955.5243										
						N 48°03'17" E									
	TLCUR2	P.C.	157+69.00	1,482,935.8790	503,192.4882										
		P.I.	161+94.11	1,483,220.0361	503,508.6835		955.34	799.96	47°58'38"	LT	5°59'51"	425.12	776.80	EXIST	N/A
		C.C.		1,483,646.4452	502,553.9194										
		P.T.	165+68.96	1,483,645.1529	503,509.2585										
						N 0°04'39" E									
	TLCUR3	P.C.	165+68.96	1,483,645.1529	503,509.2585										
		P.I.	168+94.53	1,483,970.7217	503,509.6989		2888.04	648.40	12°51'49"	LT	1°59'2"	325.57	647.04	EXIST	N/A
		C.C.		1,483,649.0594	500,621.2211										
		P.T.	172+17.36	1,484,288.2176	503,437.6465										

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REVISIONS

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

CURVE & COORDINATE DATA

SHEET NO. 96

Chain	Curve No.	Point Type	Station	Northing	Easting	Bearing	Radius (ft)	Length (ft)	Delta	Rotation Direction	Degree of Curvature	Tangent (ft)	Chord (ft)	e ft/ft	Design Speed (mph)
IWBCD2	IWBCD2_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		15000.00	1256.73	4°48'1"	LT	0°22'55"	628.73	1256.36	NC	60
		C.C.		1,486,687.3778	487,707.3595										
		P.T.	7066+70.40	1,478,341.7714	500,171.3418										
						N 33°48'19" E									
	IWBCD2_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		15000.00	1200.48	4°35'8"	RT	0°22'55"	600.56	1200.16	NC	60
		C.C.		1,469,996.1650	512,635.3241										
		P.T.	7078+70.88	1,479,311.5121	500,878.4406										
						N 38°23'27" E									
		P.O.T.	7095+00.88	1,480,589.0934	501,890.7083										
DARYL CARTER PKWY		P.O.T.	100+00.00	1,477,959.5354	498,497.9869										
						S 51°21'11" E									
		P.O.T.	125+42.77	1,476,371.5296	500,483.9150										
EB DCP		P.O.T.	200+00.00	1,477,683.9966	498,820.1529										
						S 51°21'11" E									
	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	499,127.0133										
						S 71°06'21" E									
	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										
						S 51°21'11" E									
	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										
						S 31°01'36" E									
	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	499,917.2658										
		P.T.	212+72.40	1,476,891.2252	499,792.3621										
						S 51°21'11 E									
		P.O.T.	215+96.64	1,476,688.7299	500,045.5986										
WB DCP		P.O.T.	300+00.00	1,477,715.2370	498,845.1336										
						S 51°21'11" E									
	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										
						S 29°06'21" E									
	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										
						S 51°21'11" E									

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

CURVE & COORDINATE DATA

SHEET NO. 97

Chain	Curve No.	Point Type	Station	Northing	Easting	Bearing	Radius (ft)	Length (ft)	Delta	Rotation Direction	Degree of Curvature	Tangent (ft)	Chord (ft)	e ft/ft	Design Speed (mph)
	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										
						S 73°01'36" E									
	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										
						S 51°21'11" E									
		P.O.T.	317+73.70	1,476,618.1429	500,212.3337										
1A_CFP	IA_CFP_1	P.C.	300+00.00	1,480,603.9980	501,871.8973										
		P.I.	302+47.08	1,480,797.6588	502,025.3408		8350.00	494.02	3°23'23"	LT	0°41'10"	247.08	493.95	NC	50
		C.C.		1,485,789.5412	495,327.2322										
		P.T.	304+94.02	1,481,000.0538	502,167.0648										
						N 35°00'04" E									
		P.O.T.	310+36.97	1,481,444.8039	502,478.4942										
IB_CFP	IB_CFP1	P.C.	100+00.00	1,480,220.0093	501,956.4044										
		P.I.	102+17.40	1,480,390.0908	502,091.8042		5000.00	434.52	4°58'45"	RT	1°08'45"	217.40	434.38	EXIST	N/A
		C.C.		1,477,105.8742	505,868.2023										
		P.T.	104+34.52	1,480,547.7786	502,241.4552										
						N 43°30'07" E									
		P.O.T.	106+00.00	1,480,667.8112	502,355.3702										
IB_DCP		P.O.T.	496+46.69	1,475,671.6493	498,322.5754										
						N 42°39'45" E									
	IB_DCP_1	P.C.	499+70.88	1,475,910.0458	498,542.2732										
		P.I.	502+05.71	1,476,082.7320	498,701.4147		3980.00	469.12	6°45'12"	RT	1°26'23"	234.83	468.85	0.03	50
		C.C.		1,473,212.8815	501,468.9957										
		P.T.	504+40.00	1,476,235.5054	498,879.7594										
						N 49°24'58" E									
	IB_DCP_2	P.C.	506+90.09	1,476,398.2025	499,069.6888										
		P.I.	509+35.00	1,476,557.5361	499,255.6918		4584.00	489.37	6°07'00"	LT	1°15'00"	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										
						N 43°17'58" E									
		P.O.T.	515+58.37	1,477,011.5477	499,683.5212										
IC1_535		P.O.T.	900+00.00	1,469,574.2536	494,092.3989										
						N 5°59'28" W									
	IC1_5351	P.C.	902+65.09	1,469,837.8918	494,064.7307										
		P.I.	904+55.42	1,470,027.1895	494,044.8644		600.00	368.62	35°12'4"	RT	9°32'57"	190.34	362.85	EXIST	50
		C.C.		1,469,900.5163	494,661.4536										
		P.T.	906+33.71	1,470,193.3230	494,137.7512										
						N 29°12'36" E									
	IC1_5352	P.C.	913+37.56	1,470,807.6728	494,481.2396										
		P.I.	915+74.49	1,471,014.4671	494,596.8602		2865.00	472.77	9°27'17"	RT	1°59'59"	236.92	472.23	EXIST	50
		C.C.		1,469,409.5207	496,981.9187										
		P.T.	918+10.33	1,471,199.4597	494,744.8797										

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

CURVE & COORDINATE DATA

SHEET NO. 98

Chain	Curve No.	Point Type	Station	Northing	Easting	Bearing	Radius (ft)	Length (ft)	Delta	Rotation Direction	Degree of Curvature	Tangent (ft)	Chord (ft)	e ft/ft	Design Speed (mph)
IC_CFP	IC_CFP_1	P.C.	400+00.00	1,480,589.0935	501,890.7083										
		P.I.	402+09.42	1,480,753.2329	502,020.7611		15000.00	418.81	1°35'59"	RT	0°22'55"	209.42	418.79	NC	50
		C.C.		1,471,273.7464	513,647.5918										
		P.T.	404+18.81	1,480,913.6776	502,155.3455										
						N 39°59'26" E									
	IC_CFP_2	P.C.	404+18.81	1,480,913.6776	502,155.3454										
		P.I.	406+48.33	1,481,089.5240	502,302.8490		6171.00	458.83	4°15'36"	LT	0°55'42"	229.52	458.72	RC	50
		C.C.		1,484,879.5453	497,427.4353										
		P.T.	408+77.63	1,481,275.8417	502,436.8825										
						N 35°43'50" E									
		P.O.T.	409+35.00	1,481,322.4091	502,470.3822										
IC_DCP		P.O.T.	600+00.00	1,477,003.2005	499,693.9601										
						N 33°08'34" E									
	IC_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		8337.00	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										
						N 50°05'06" E									
	IC_DCP2	P.C.	612+75.32	1,478,083.8619	500,370.5733										
		P.I.	618+96.16	1,478,621.0661	500,681.7910		8350.00	1239.40	8°30'16"	RT	0°41'10"	620.84	1238.27	NC	50
		C.C.		1,473,898.1469	507,595.6886										
		P.T.	625+14.72	1,479,106.3383	501,069.0323										
D_DCP		P.O.T.	700+00.00	1,477,411.1040	499,183.8441										
						N 44°32'29" E									
	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		10000.00	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										
						N 46°55'59" E									
	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		3900.00	795.25	11°41'00"	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										
						N 35°14'59" E									
		P.O.T.	717+26.89	1,478,674.0676	500,356.2646										
ISLIP1	ISLIP1_1	P.C.	100+00.00	1,477,323.9471	499,408.1682										
		P.I.	102+04.05	1,477,483.3311	499,535.5785		6000.00	407.94	3°53'44"	LT	0°57'18"	204.05	407.87	0.035	50
		C.C.		1,481,070.3794	494,721.5655										
		P.T.	104+07.94	1,477,651.0029	499,651.8661										
						N 34°44'35" E									
	ISLIP1_2	P.C.	110+29.62	1,478,161.8443	500,006.1567										
		P.I.	112+29.64	1,478,326.2044	500,120.1475		11459.16	400.00	2°00'0"	RT	0°30'0"	200.02	399.98	NC	50
		C.C.		1,471,631.3140	509,422.3407										
		P.T.	114+29.62	1,478,486.4861	500,239.8050										

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

CURVE & COORDINATE DATA

SHEET NO. 99

Chain	Curve No.	Point Type	Station	Northing	Easting	Bearing	Radius (ft)	Length (ft)	Delta	Rotation Direction	Degree of Curvature	Tangent (ft)	Chord (ft)	e ft/ft	Design Speed (mph)
ISLIP2	ISLIP2_1	P.C.	200+00.00	1,479,441.0835	500,981.1041										
		P.I.	203+18.95	1,479,691.0717	501,179.1775		8337.00	637.58	4°22'54"	RT	0°41'14"	318.95	637.43	NC	50
		C.C.		1,474,263.6137	507,515.5800										
		P.T.	206+37.58	1,479,925.1960	501,395.7715										
						N 42°46'22" E									
	BL SHIFT 15' LT	P.O.T.	206+37.58	1,479,935.3824	501,384.7608										
						N 42°46'22" E									
		P.O.T.	218+60.78	1,480,833.2750	502,215.4229										
POND141	PND1411	P.C.	608+22.61	1,478,409.9292	499,418.4028										
		P.I.	611+28.88	1,478,648.8704	499,609.9928		1995.00	607.79	17°27'20"	RT	2°52'19"	306.27	605.44	N/A	N/A
		C.C.		1,477,161.9272	500,974.8465										
		P.T.	614+30.40	1,478,819.3379	499,864.4342										
						N 56°10'45" E									
	PND1412	P.C.	616+11.74	1,478,919.8457	500,015.3716										
		P.I.	619+55.60	1,479,110.4328	500,301.5855		2205.00	682.23	17°43'39"	LT	2°35'54"	343.86	679.51	N/A	N/A
		C.C.		1,480,755.1734	498,793.2447										
		P.T.	622+93.97	1,479,379.1190	500,516.1771										
						N 38°36'48" E									
		P.O.T.	629+78.78	1,479,914.2139	500,943.5413										
						N 36°48'58" E									
	PND1413	P.C.	640+72.55	1,480,789.8441	501,598.9802										
		P.I.	644+47.71	1,481,090.1870	501,823.7970		6268.79	749.44	17°27'20"	LT	17°27'20"	375.16	748.99	N/A	N/A
		C.C.		1,484,546.4074	496,580.4186										
		P.T.	648+21.98	1,481,415.1990	502,011.1885										
POND142		P.O.T.	1000+00.00	1,481,149.8237	501,350.7835										
						N 33°22'50" E									
		P.O.T.	1021+00.00	1,482,903.3955	502,506.1994										
LAT DITCH		P.O.T.	100+00.00	1,477,978.5225	499,529.1417										
						N 0°14'13" E									
		P.O.T.	106+18.17	1,478,596.6915	499,531.6982										
LAT DITCH 2		P.O.T.	10+00.00	1,482,812.3825	502,128.4803										
						S 56°14'48" E									
		P.O.T.	18+69.12	1,482,329.6962	502,851.2380										
						S 48°22'49" E									
		P.O.T.	20+12.70	1,482,234.3293	502,958.5776										
						S 39°57'57" E									
		P.O.T.	21+18.04	1,482,153.5833	503,026.2176										

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
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150 N. Orange Avenue, Suite 200
Orlando, FL, 32801
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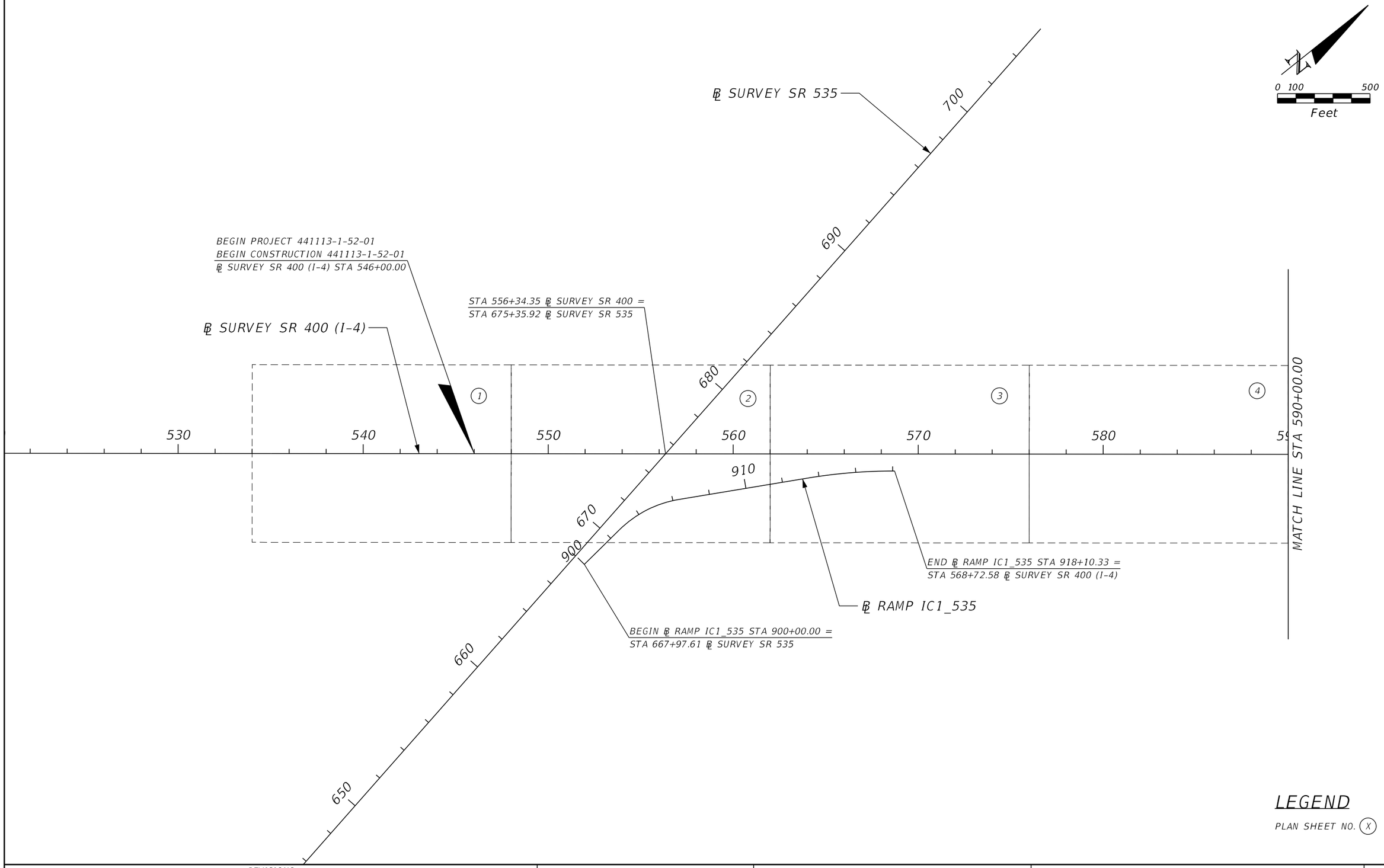
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

CURVE & COORDINATE DATA

SHEET NO. 100



LEGEND

PLAN SHEET NO. (X)

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PROJECT LAYOUT (1)

SHEET NO. 101

DARYL CARTER PKWY STA EQUATIONS (WEST OF I-4)

1) STA 108+13.40 ℄ DARYL CARTER PKWY =
STA 203+91.45 ℄ EB DCP

2) STA 108+36.87 ℄ DARYL CARTER PKWY =
STA 304+17.30 ℄ WB DCP

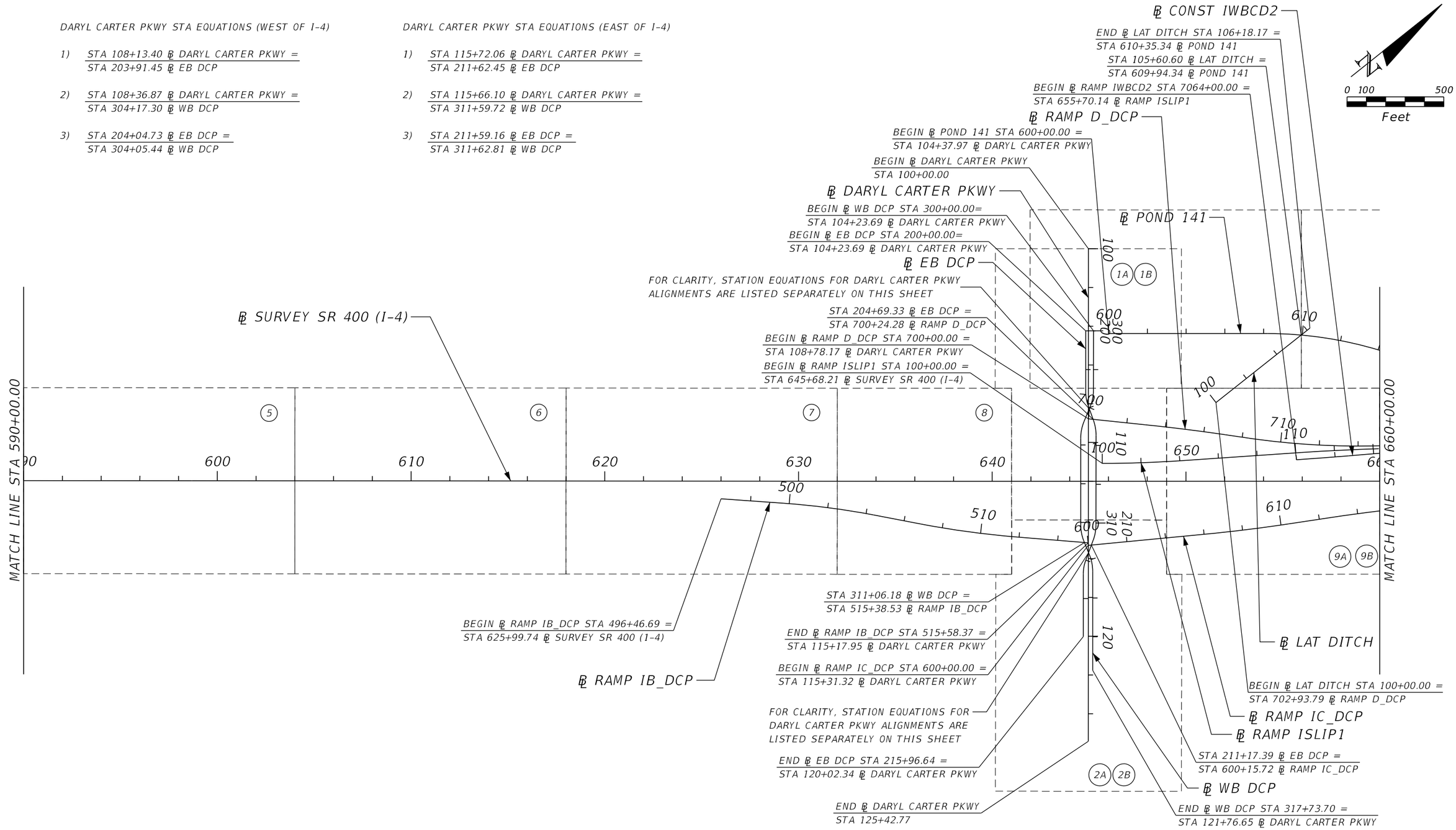
3) STA 204+04.73 ℄ EB DCP =
STA 304+05.44 ℄ WB DCP

DARYL CARTER PKWY STA EQUATIONS (EAST OF I-4)

1) STA 115+72.06 ℄ DARYL CARTER PKWY =
STA 211+62.45 ℄ EB DCP

2) STA 115+66.10 ℄ DARYL CARTER PKWY =
STA 311+59.72 ℄ WB DCP

3) STA 211+59.16 ℄ EB DCP =
STA 311+62.81 ℄ WB DCP



LEGEND

PLAN SHEET NO. (X)

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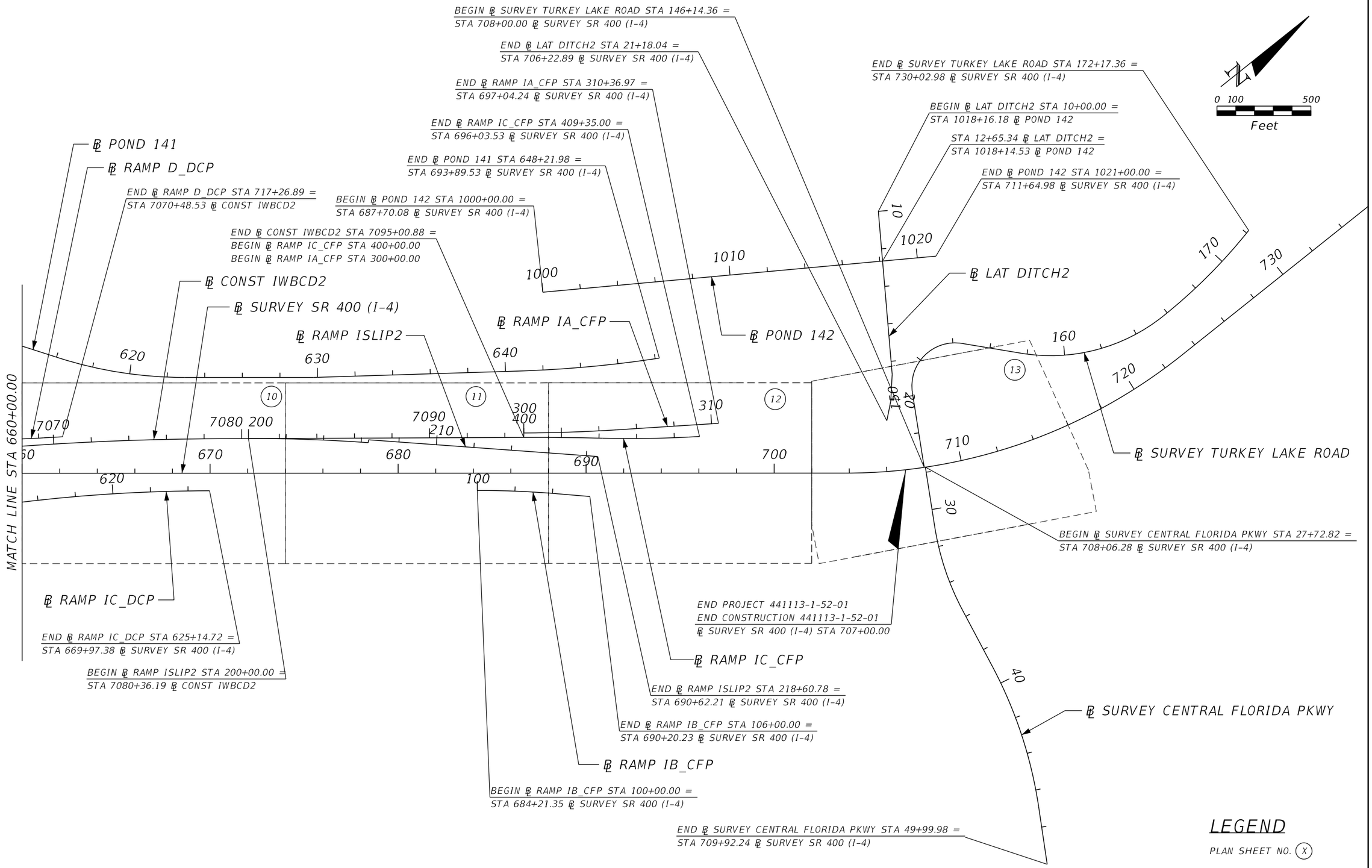
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PROJECT LAYOUT (2)

SHEET NO. 102



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PROJECT LAYOUT (3)

SHEET NO. 103

BENCHMARK DESCRIPTIONS:

BM51404021
4"x4" CMON
WITH FDOT DISC STAMPED
"D5 PNC 51404021"
STA 627+48.25, 141.57' RT
EL = 130.18

BM51403005
4"x4" CMON
WITH FDOT 3.5" BRASS DISC STAMPED
"D5 PNC 51 403005"
STA 633+82.41, 111.38' RT
EL = 131.98

BM51404022
4"x4" CMON
WITH FDOT DISC STAMPED
"D5 PNC 51404022"
STA 637+53.96, 141.63' RT
EL = 133.62

BM51404023
4"x4" CMON
WITH FDOT DISC STAMPED
"D5 PNC 51404023"
STA 647+57.17, 383.73' RT
EL = 132.30

BM51404024
4"x4" CMON
WITH FDOT DISC STAMPED
"D5 PNC 51404024"
STA 658+02.41, 125.61' RT
EL = 121.41

BM51404025
4"x4" CMON
WITH FDOT DISC STAMPED
"D5 PNC 51404025"
STA 668+28.67, 87.54' RT
EL = 108.36

BM51404026
4"x4" CMON
WITH FDOT DISC STAMPED
"D5 PNC 51404026"
STA 677+71.00, 138.69' RT
EL = 106.92

BM51404027
4"x4" CMON
WITH FDOT DISC STAMPED
"D5 PNC 51404027"
STA 688+55.06, 157.30' RT
EL = 114.63

BM51403006
4"x4" CMON
WITH FDOT DISC STAMPED
"D5 PNC 51403006"
STA 696+07.40, 803.08' LT
EL = 112.26

BM51404028
4"x4" CMON
WITH FDOT DISC STAMPED
"D5 PNC 51404028"
STA 697+28.52, 158.87' RT
EL = 108.17

BM51404029
4"x4" CMON
WITH FDOT DISC STAMPED
"D5 PNC 51404029"
STA 707+08.16, 164.56' RT
EL = 107.02

BM51403007
4"x4" CMON
WITH FDOT DISC STAMPED
"D5 PNC 51403007"
STA 708+67.10, 748.36' LT
EL = 109.84

PROJECT CONTROL NOTES:

1. THE VERTICAL DATUM USED FOR THIS PLAN SET IS THE NORTH AMERICAN VERTICAL DATUM (NAVD 1988).

2. THE HORIZONTAL DATUM USED FOR THIS PLAN SET IS THE 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
   3900 COMMONWEALTH BOULEVARD
   TALLAHASSEE, FL 32803
   TELEPHONE (850) 488-2427

LEGEND:

CMON	=	CONCRETE MONUMENT
D5	=	DISTRICT FIVE
EL	=	ELEVATION
FDOT	=	FLORIDA DEPARTMENT OF TRANSPORTATION
FND	=	FOUND
ID	=	IDENTIFICATION
IRC	=	IRON ROD AND CAP
LT	=	LEFT
PNC	=	PROJECT NETWORK CONTROL
REF PT	=	REFERENCE POINT
RT	=	RIGHT
STA	=	STATION

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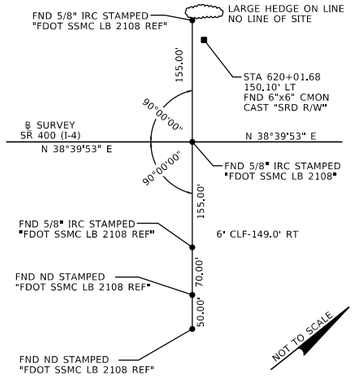
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

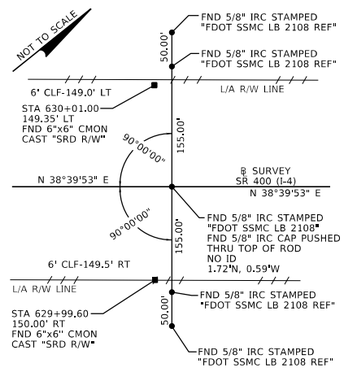
SR 400 (I-4)
PROJECT CONTROL (1)

SHEET NO.
104

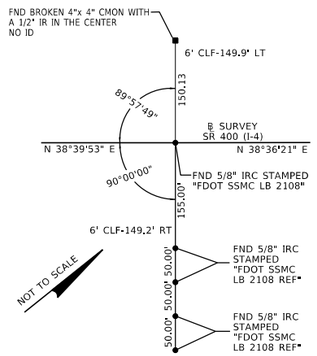
REFERENCE TIES SR 400



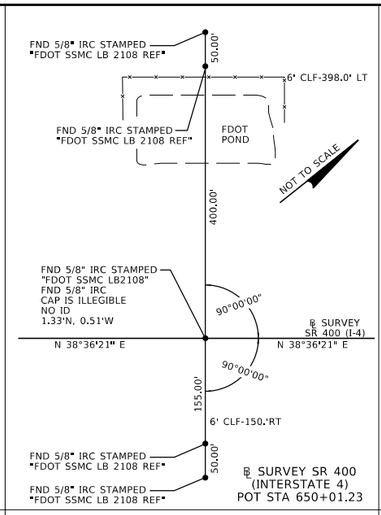
℄ SURVEY SR 400
(INTERSTATE 4)
POT STA 620+01.25



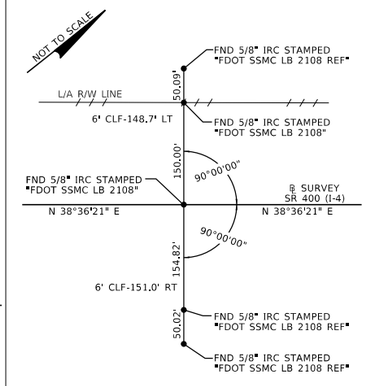
℄ SURVEY SR 400
(INTERSTATE 4)
POT STA 630+01.18



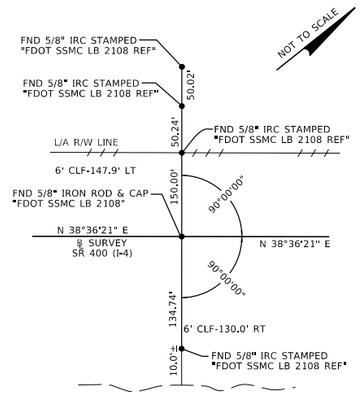
℄ SURVEY SR 400
(INTERSTATE 4)
PI STA 637+90.95
Δ=00°03'32"(LT)



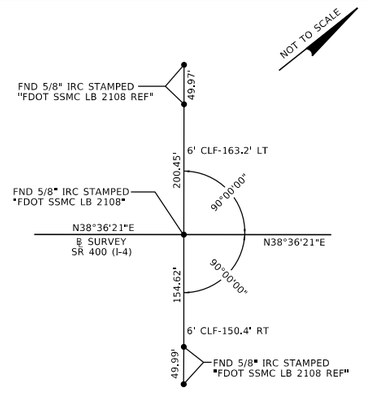
℄ SURVEY SR 400
(INTERSTATE 4)
POT STA 650+01.23



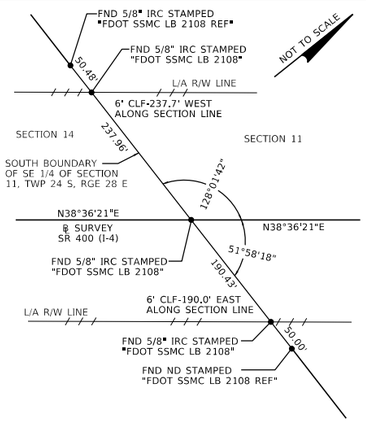
℄ SURVEY SR 400
(INTERSTATE 4)
POT STA 660+46.05



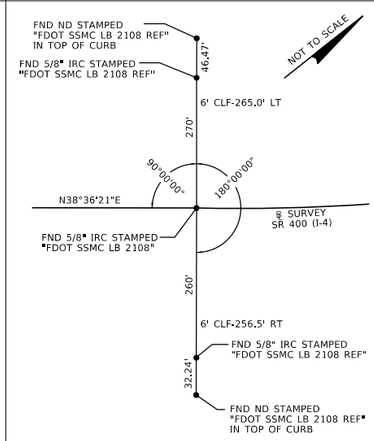
℄ SURVEY SR 400
(INTERSTATE 4)
POT STA 670+01.23



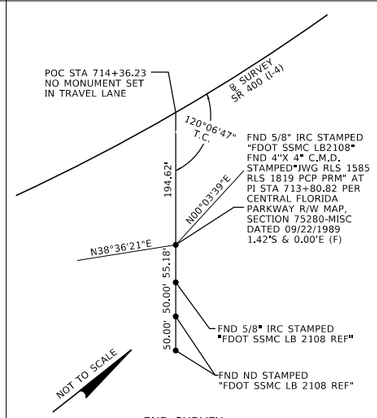
℄ SURVEY SR 400
(INTERSTATE 4)
POT STA 680+01.22



℄ SURVEY SR 400
(INTERSTATE 4)
POT STA 689+12.17



℄ SURVEY SR 400
(INTERSTATE 4)
PC STA 703+81.25

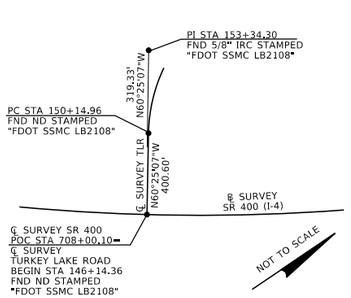


END SURVEY
℄ SURVEY SR 400
(INTERSTATE 4)
PI STA 713+82.08
Δ= 38°32'42" LT.

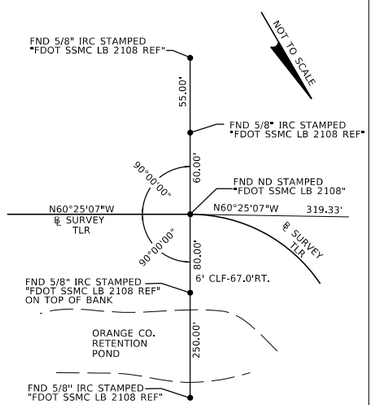
BASELINE STATION	NORTHING (Y)	EASTING (X)
620+01.25	1475261.3805	497877.3745
630+01.18	1476042.1420	498502.0916
637+90.95	1476658.8045	498995.5068
650+01.23	1477604.5875	499750.6761
660+46.05	1478421.0680	500402.6027
670+01.23	1479167.4989	500998.5975
680+01.22	1479948.9469	501622.5519
689+12.17	1480660.8171	502190.9514
703+81.25	1481808.8316	503107.5943
713+82.08	1482590.9362	503732.0731
146+14.36 (708+00.10)	1482154.0720	503344.1071
150+14.96	1482351.8342	502955.7193
154+61.67	1482730.4553	502963.9035
157+69.00	1482935.8790	503192.4883

LEGEND
℄ : BASELINE
FDOT : FLORIDA DEPARTMENT OF TRANSPORTATION
IRC : IRON ROD & CAP
CLF : CHAIN LINK FENCE
POT POINT ON TANGENT
STA : STATION
REF : REFERENCE
SSMC : SOUTHEAETERN SURVEY AND MAPPING
PI : POINT OF INTERSECTION
SR : STATE ROAD
C.M.D. : CONCRETE MONUMENT WITH DISK
POC : POINT ON CURVE
FND : FOUND

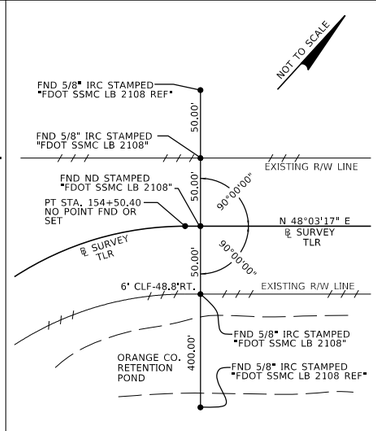
REFERENCE TIES TURKEY LAKE ROAD



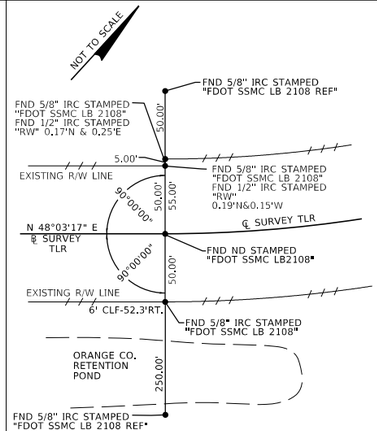
BEGIN SURVEY
℄ SURVEY
TURKEY LAKE ROAD
STA 146+14.36=
℄ SURVEY SR 400 (I-4)
POC STA 708+00.10



℄ SURVEY
TURKEY LAKE ROAD
PC STA 150+14.96



℄ SURVEY
TURKEY LAKE ROAD
POT STA 154+61.67



END SURVEY
℄ SURVEY
TURKEY LAKE ROAD
PC STA 157+69.00

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

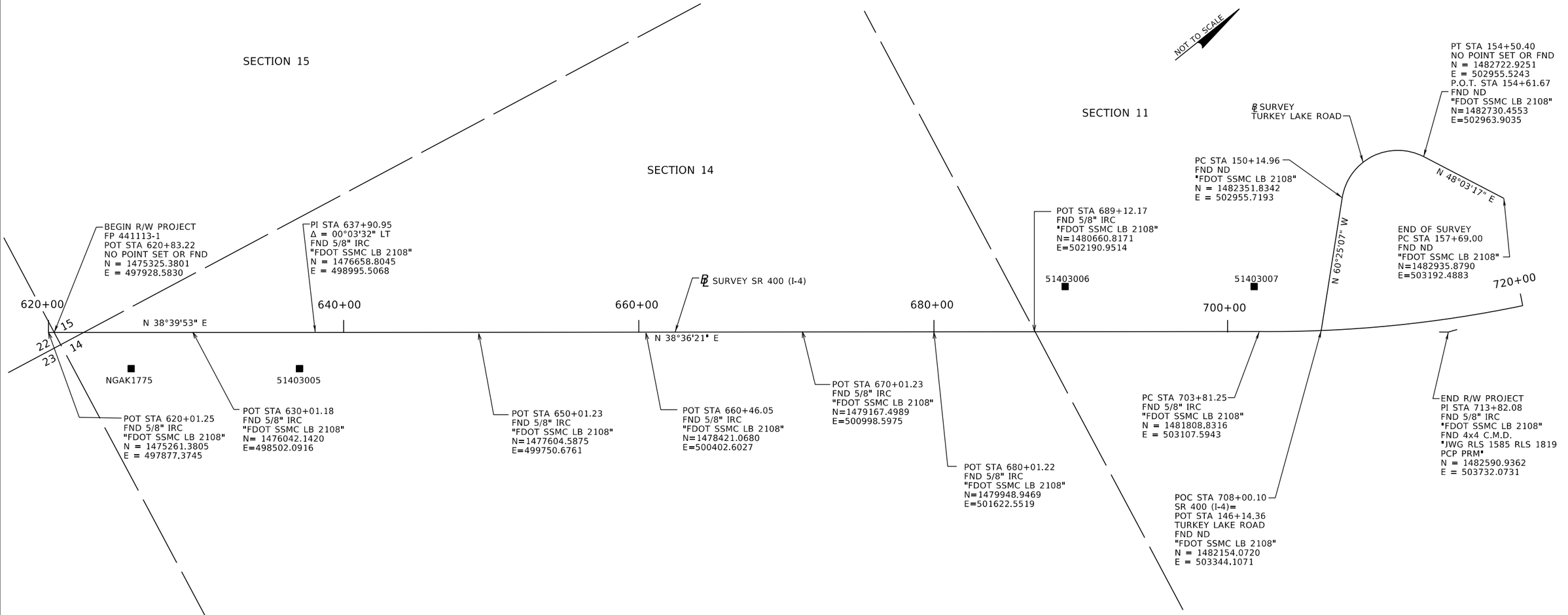
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
PROJECT CONTROL (2)

SHEET NO. 105

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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

HORIZONTAL CONTROL

	X	Y	LATITUDE	LONGITUDE	SCALE FACTOR	CONVERGENCE
NGAAK1775	498262.859	1475510.810	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
51403006	501997.171	1481705.196	28-24-32.34322	81-28-46.50032	.99996842	0-13-41.5
51403007	502721.862	1482573.800	28-24-40.97192	81-28-38.42350	.99996816	0-13-37.7

HORIZ: NAD 83/90
VERT: NAVD 88

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
PROJECT CONTROL (3)

SHEET NO. 106

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 0.80' 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
   MAGIC BASKETBALL GAMES
   CAMPING WORLD STADIUM EVENTS
   ORLANDO CITY STADIUM EVENTS
   AMWAY CENTER EVENTS

5. FPID PROJECT 242484-7-52-01 (I-4 BTU SEGMENT 2 DESIGN BUILD), WILL BE CONSTRUCTED CONCURRENTLY WITH FPID PROJECT 441113-1-52-01 PROJECT.

6. BARRIER WALL INLET AND CONCRETE BARRIER WALL INLET (C&G) OFFSETS ARE CALLED OUT AT GRATE ELEVATION LOCATION, BACK OF INLET AT WALL FACE.

7. SHOULDER GUTTER INLET ELEVATIONS ARE CALLED OUT AT THE EDGE OF SHOULDER/ FACE FACE OF SHOULDER GUTTER (EOS IS SHOWN ON SECTION TO REPRESENT THIS LOCATION).

8. CURB INLETS ELEVATIONS ARE CALLED OUT AT THE EDGE OF PAVEMENT/ FACE OF GUTTER.

9. CONTRACTOR SHALL VIDEO ALL EXISTING DRAINAGE CONVEYANCE WITHIN THE PROJECT LIMITS THAT ARE TO REMAIN TO ASSURE THAT THE EXISTING SYSTEM IS IN ADEQUATE CONDITION. THE VIDEO WILL BE PROVIDED TO THE ENGINEER FOR FURTHER DETERMINATION PRIOR TO COMMENCEMENT OF WORK. VIDEO OF THE CONVEYANCE SHALL EXTEND, AS NEEDED, TO THE OUTLET OF THE SYSTEM.

10. DITCH BOTTOM INLETS SHALL USE STEEL GRATES UNLESS OTHERWISE APPROVED BY THE ENGINEER OF RECORD.

11. 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.

12. 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.

13. 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.

14. SEE SPEC 695 AND STANDARD PLAN INDEX 695-001 FOR INSTALLATION OF TMS SPEED/CLASSIFICATION UNIT AND CABINET BACKPLANE.
   COORDINATE WITH D5 TRAFFIC OPS JIM STROZ 386-943-5309
   COORDINATE WITH D5 ITS STEVE JOHNSON 386-943-5354 ON PORT ASSIGNMENTS AND IP ADDRESSES

15. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:
   THOMAS J. BARRY, P.S.M.
   P.S.M. NO.: 4695
   AECOM TECHNICAL SERVICES, INC.
   150 NORTH ORANGE AVENUE, SUITE 200
   ORLANDO, FL 32801
   CERITFICATE OF AUTHORIZATION: 8115

16. ALL PIPES WITHIN PROJECT LIMITS TO REMAIN UNLESS OTHERWISE NOTED. ALL EXISTING DITCHES INCIDENTAL TO ROADWAY/ MOT WORK WILL BE REESTABLISHED AND REGRADED TO MATCH EXISTING GROUND.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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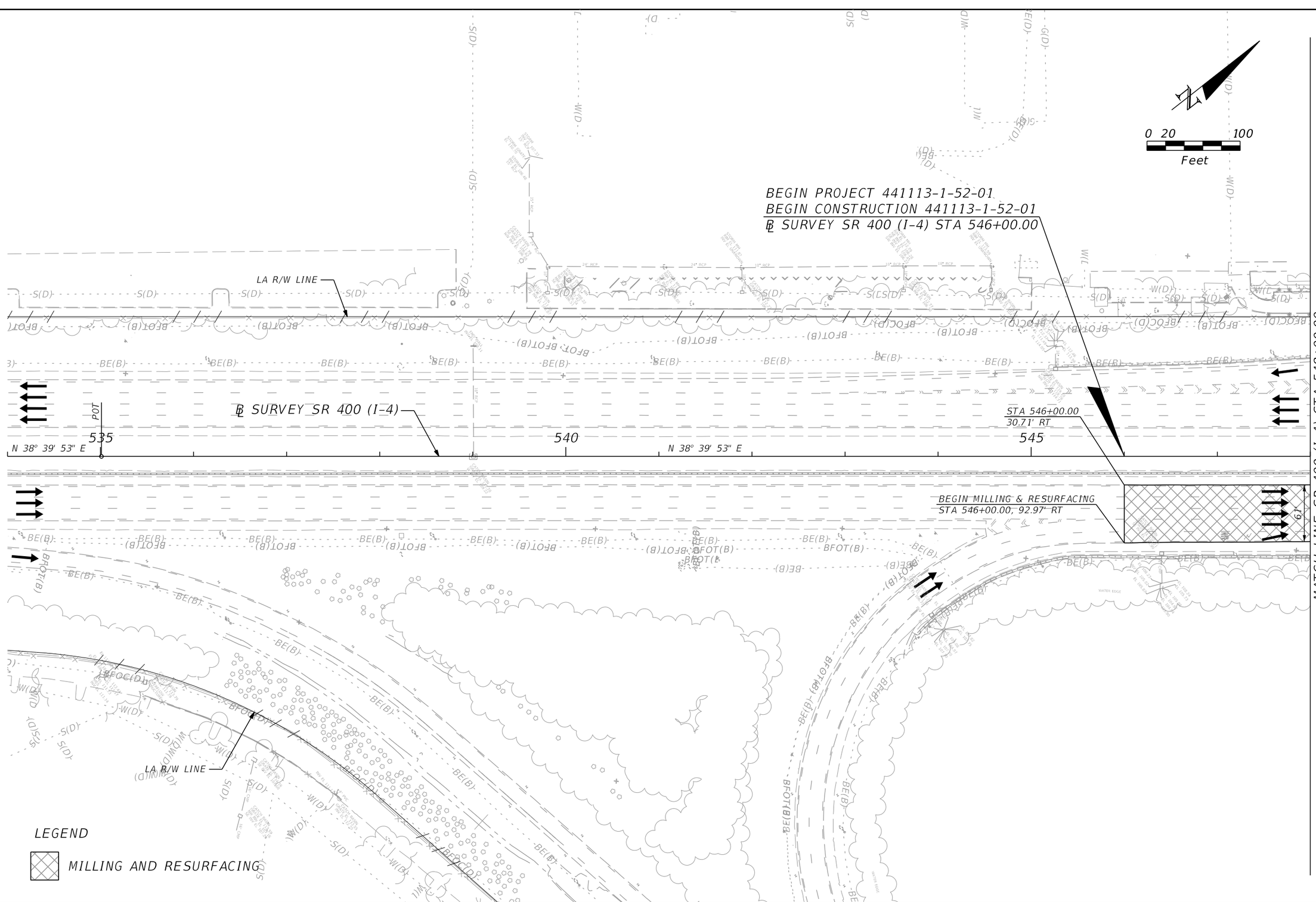
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

GENERAL NOTES

SHEET NO. 107



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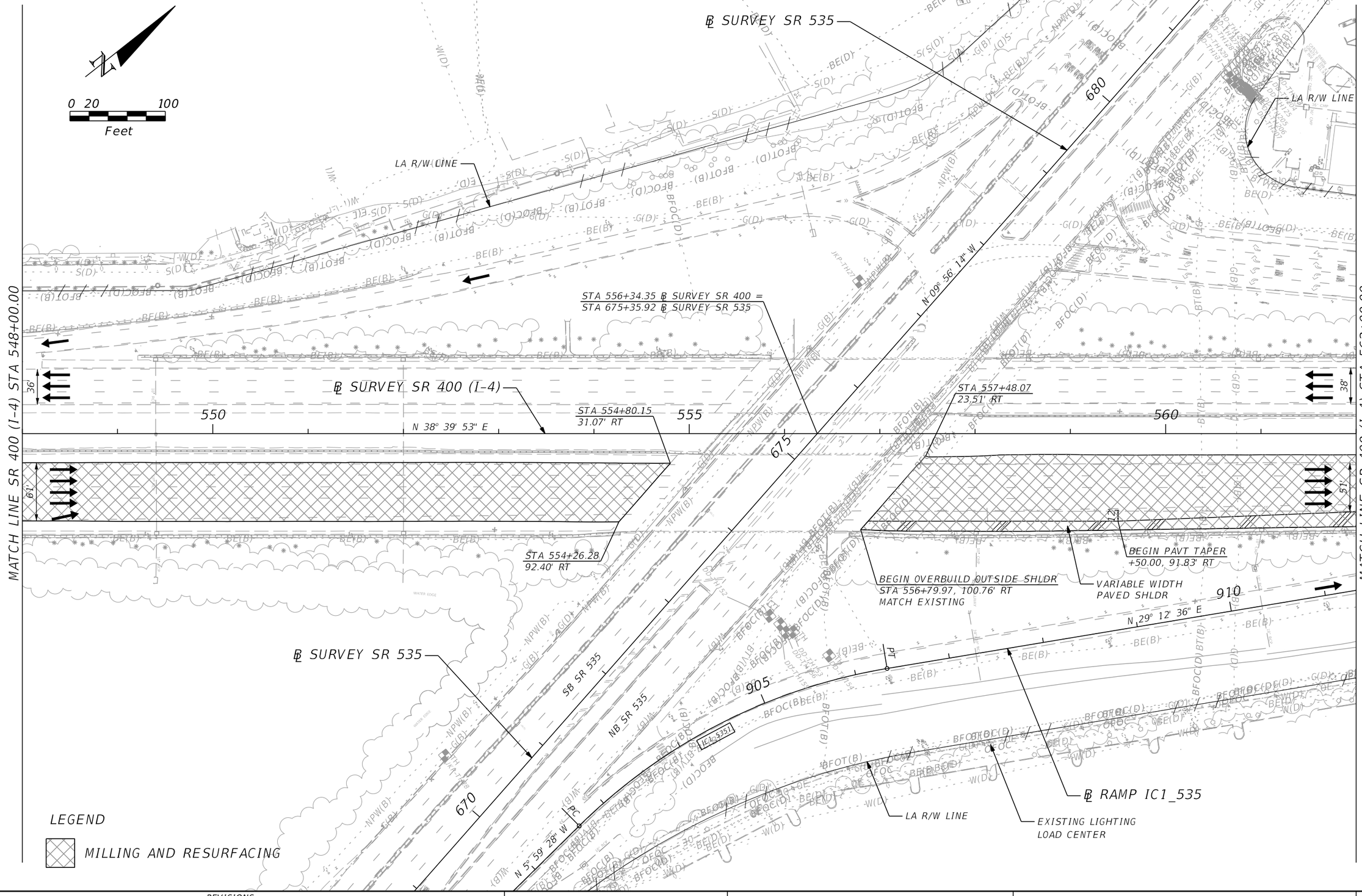
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) - PLAN 1

SHEET NO. 108



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) - PLAN 2

SHEET NO. 109

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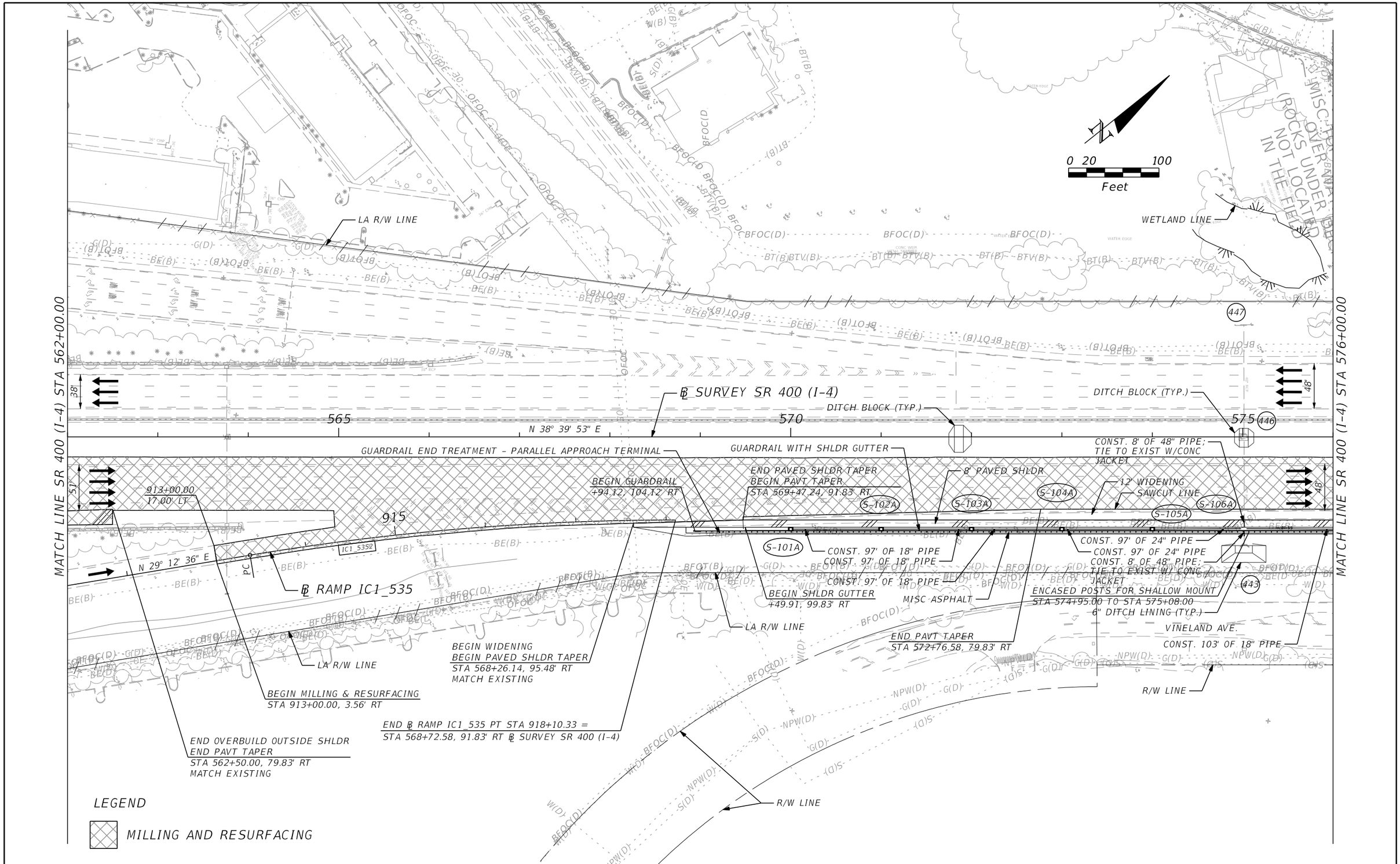

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) - PLAN 3

SHEET NO.
110

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MATCH LINE SR 400 (I-4) STA 576+00.00

MATCH LINE SR 400 (I-4) STA 590+00.00

0 20 100
Feet

LA R/W LINE

DITCH BLOCK (TYP.)

℄ SURVEY SR 400 (I-4)

N 38° 39' 53" E

580

585

48'

12' WIDENING
8' PAVED SHLDR
SAWCUT LINE
GUARDRAIL WITH SHLDR GUTTER
CONST. 97' OF 18" PIPE
10' PAVED SHLDR

S-110A
S-107A
S-109A
S-112A
S-113A
S-111A

MISC. ASPHALT
CONST. 97' OF 18" PIPE
CONST. 18' OF 18" PIPE
6" DITCH LINING (TYP.)

END 8' PAVED SHLDR
END SHLDR GUTTER
+50.00, 99.83' RT

BEGIN PAVT TAPER
BEGIN 10' PAVED SHLDR
+50.00, 101.83' RT

END GUARDRAIL
+31.62, 104.43' RT

CONTRACTOR SHALL REPLACE EXIST. DITCH BLOCK AND ASSOCIATED PIPING W/SAME KIND AND ELEV.

CONST. 18" PIPE

GUARDRAIL END TREATMENT - TRAILING ANCHORAGE

VINELAND AVE.

LA R/W LINE

END PAVT WIDENING
END PAVT TAPER
STA 583+50.00, 79.83' RT
MATCH EXISTING

R/W LINE

R/W LINE

R/W LINE

LEGEND

MILLING AND RESURFACING

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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) - PLAN 4

SHEET NO. 111

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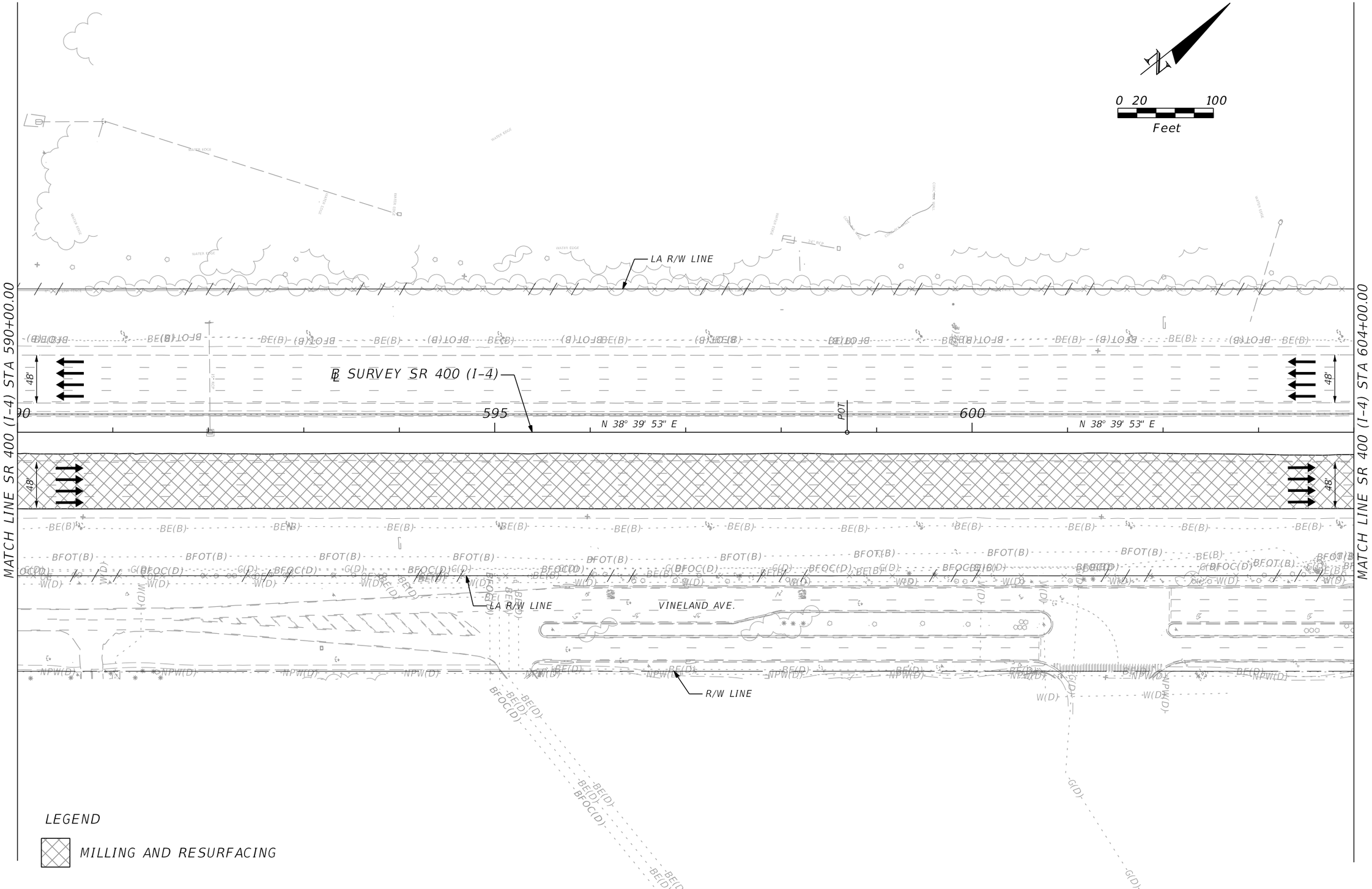

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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) - PLAN 5

SHEET NO. 112

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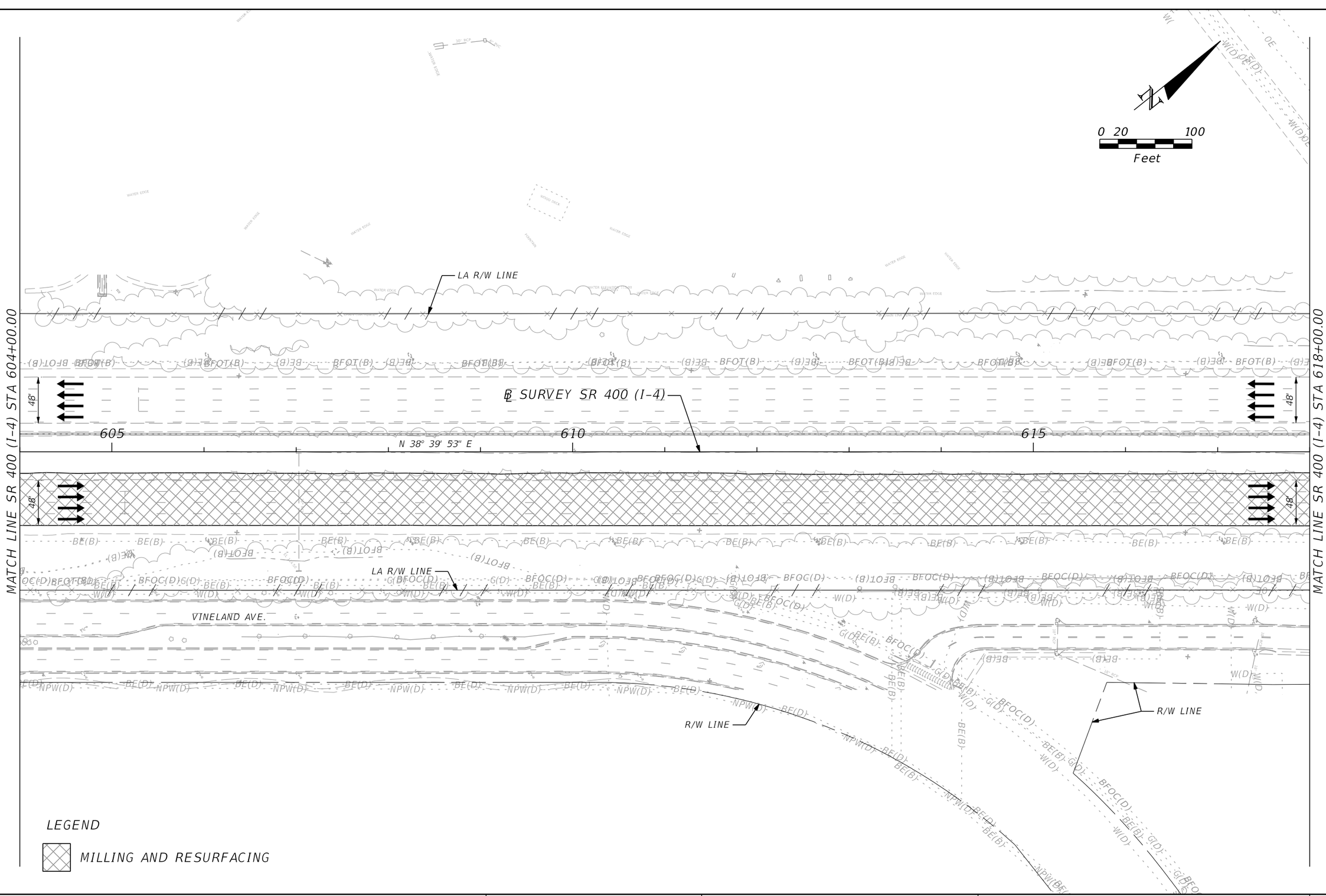

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) - PLAN 6

SHEET NO. 113

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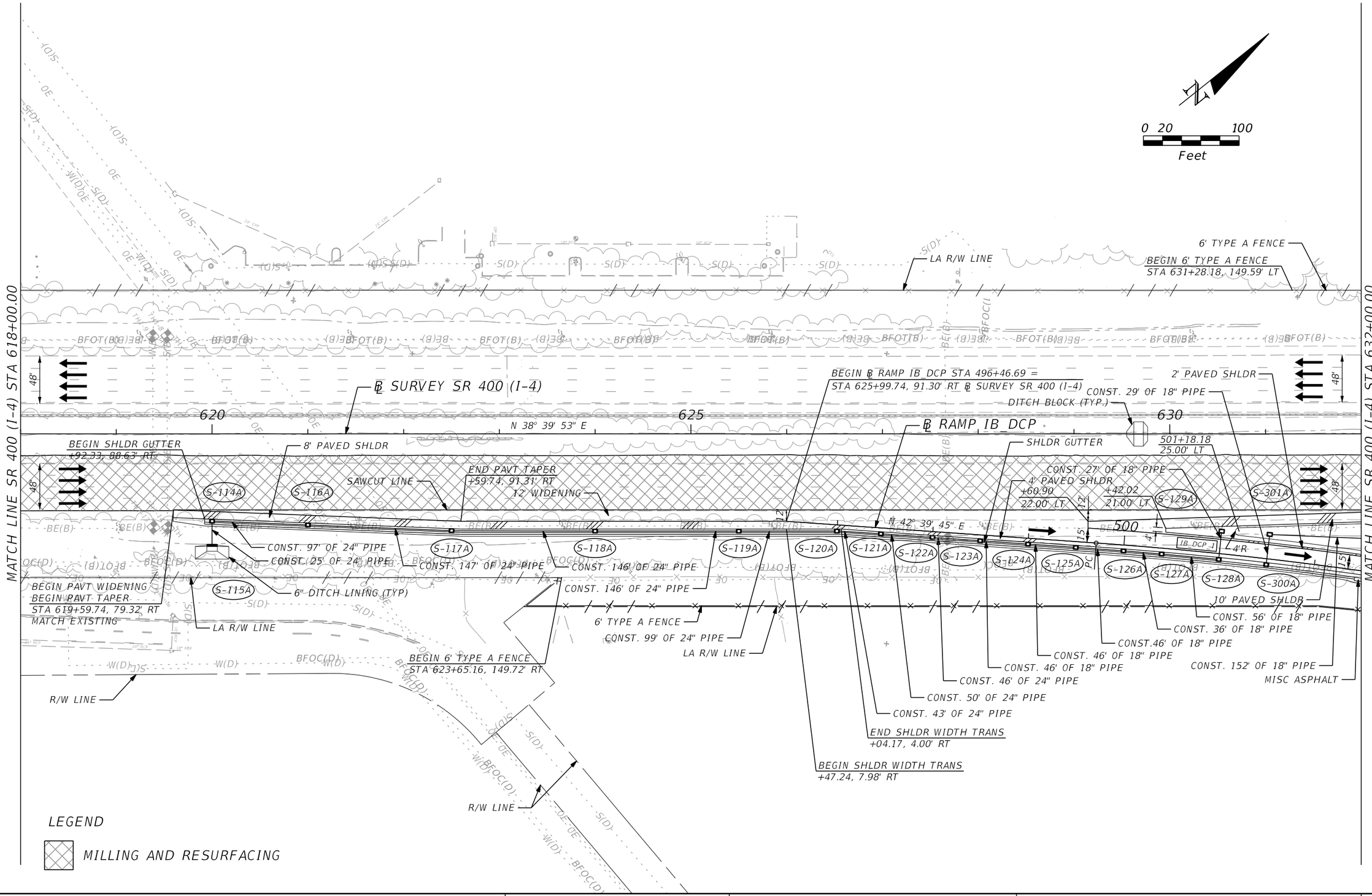

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) - PLAN 7

SHEET NO. 114

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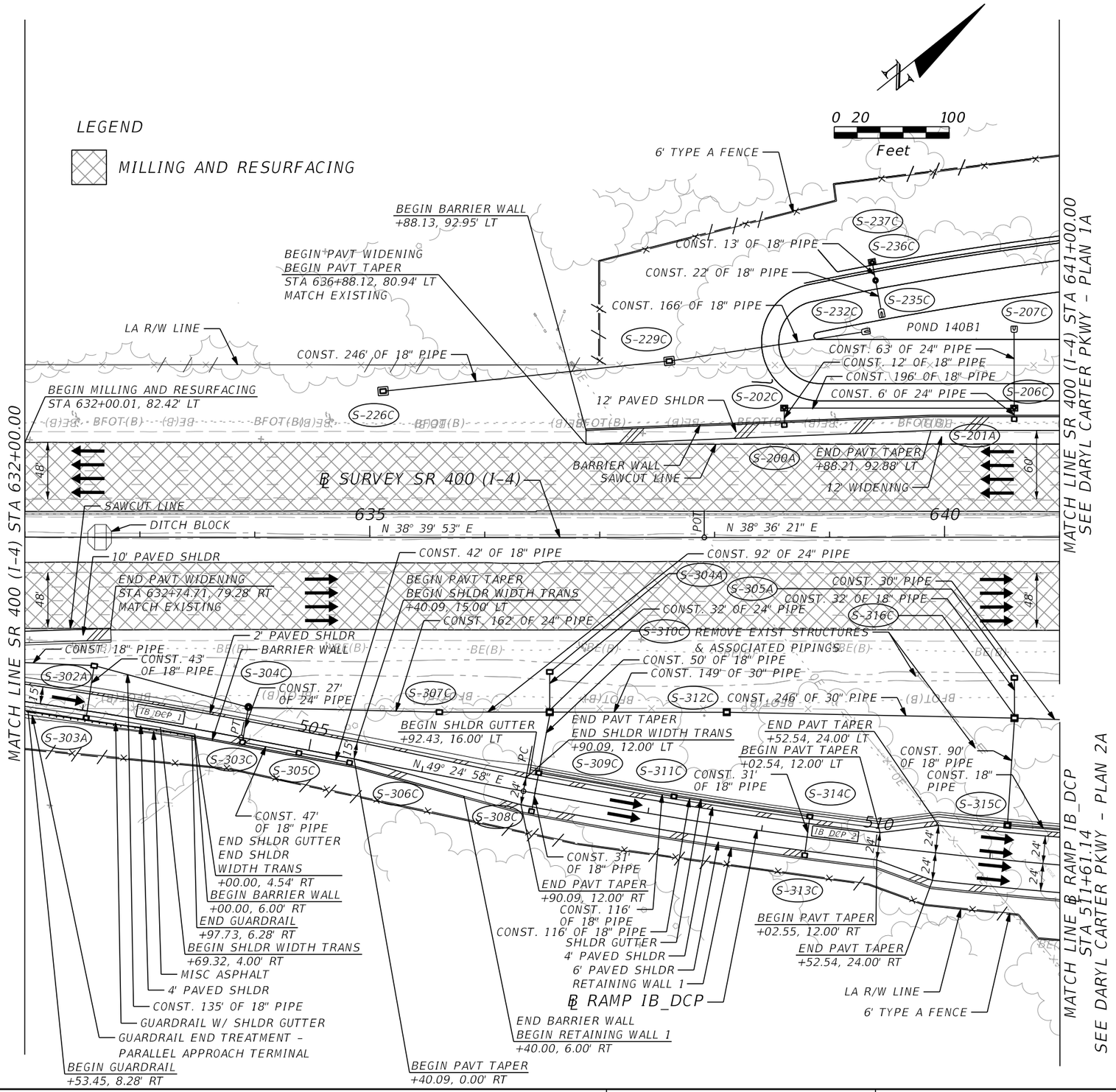

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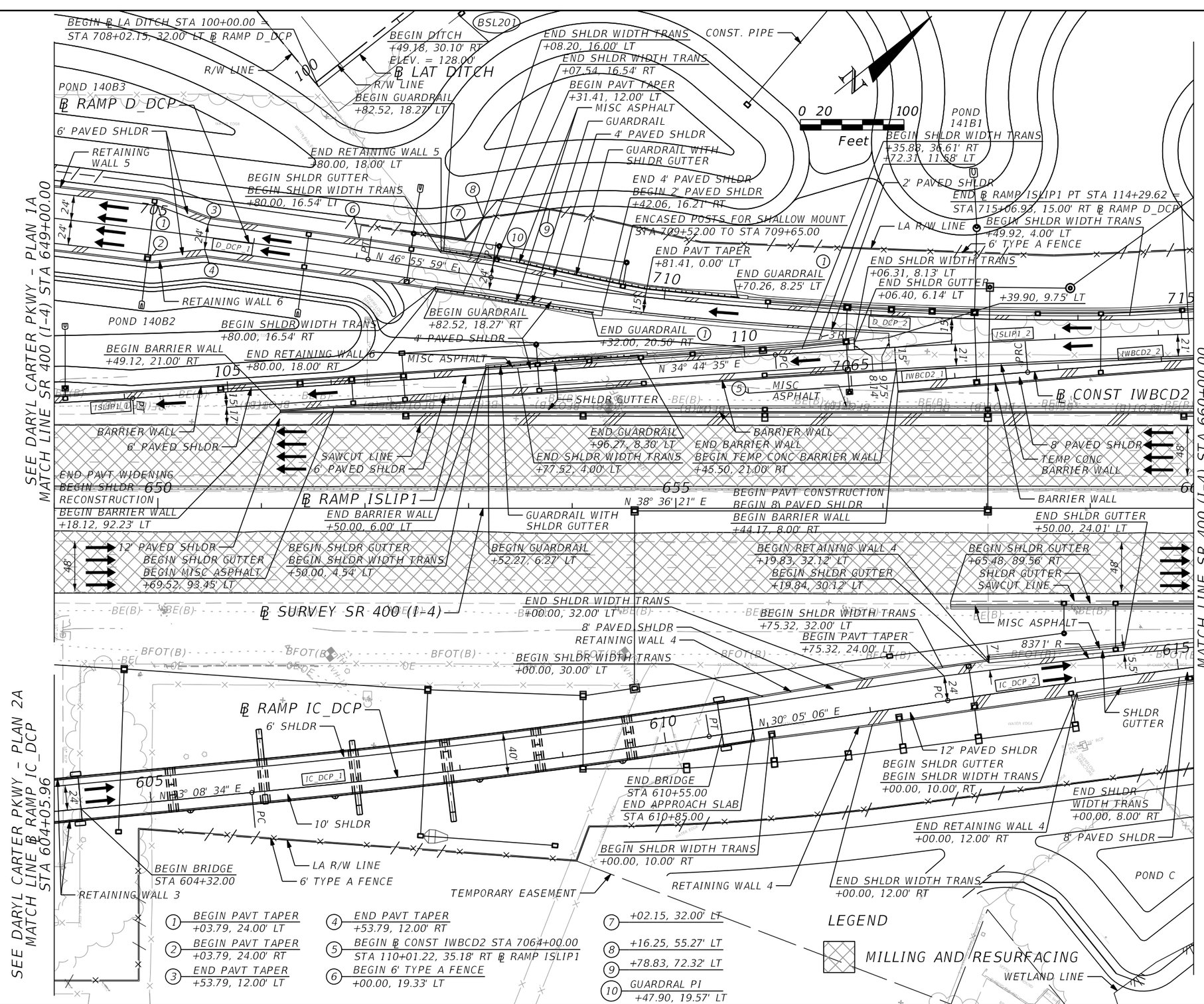
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) - PLAN 8

SHEET NO. 115

NOTE: SEE NEXT SHEET FOR DRAINAGE STRUCTURE INFORMATION

① GUARDRAIL END TREATMENT–PARALLEL APPROACH TERMINAL



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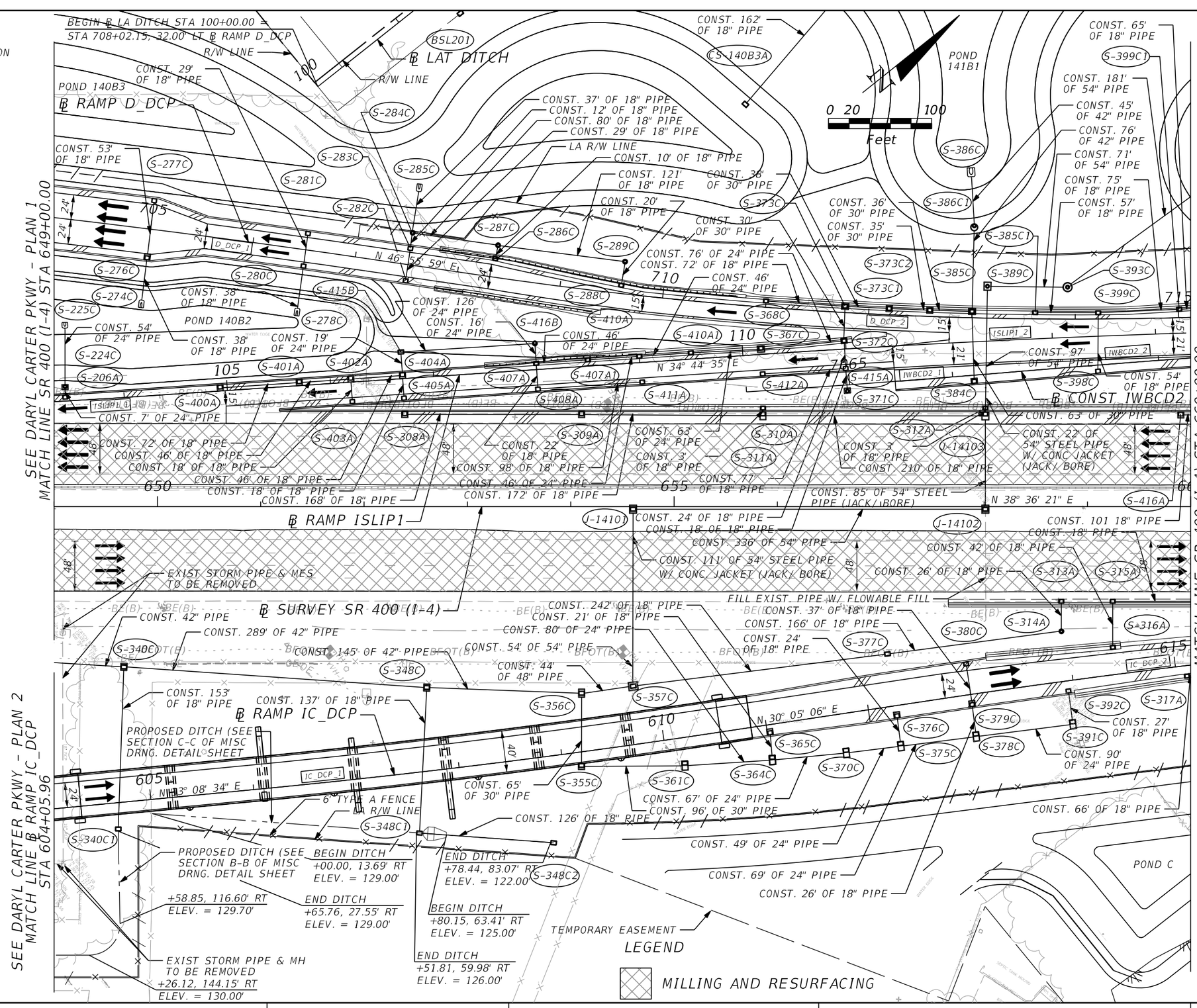
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) - PLAN 9A

SHEET NO. 116

NOTE: SEE PREVIOUS SHEET FOR ROADWAY INFORMATION



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) - PLAN 9B

SHEET NO. 117

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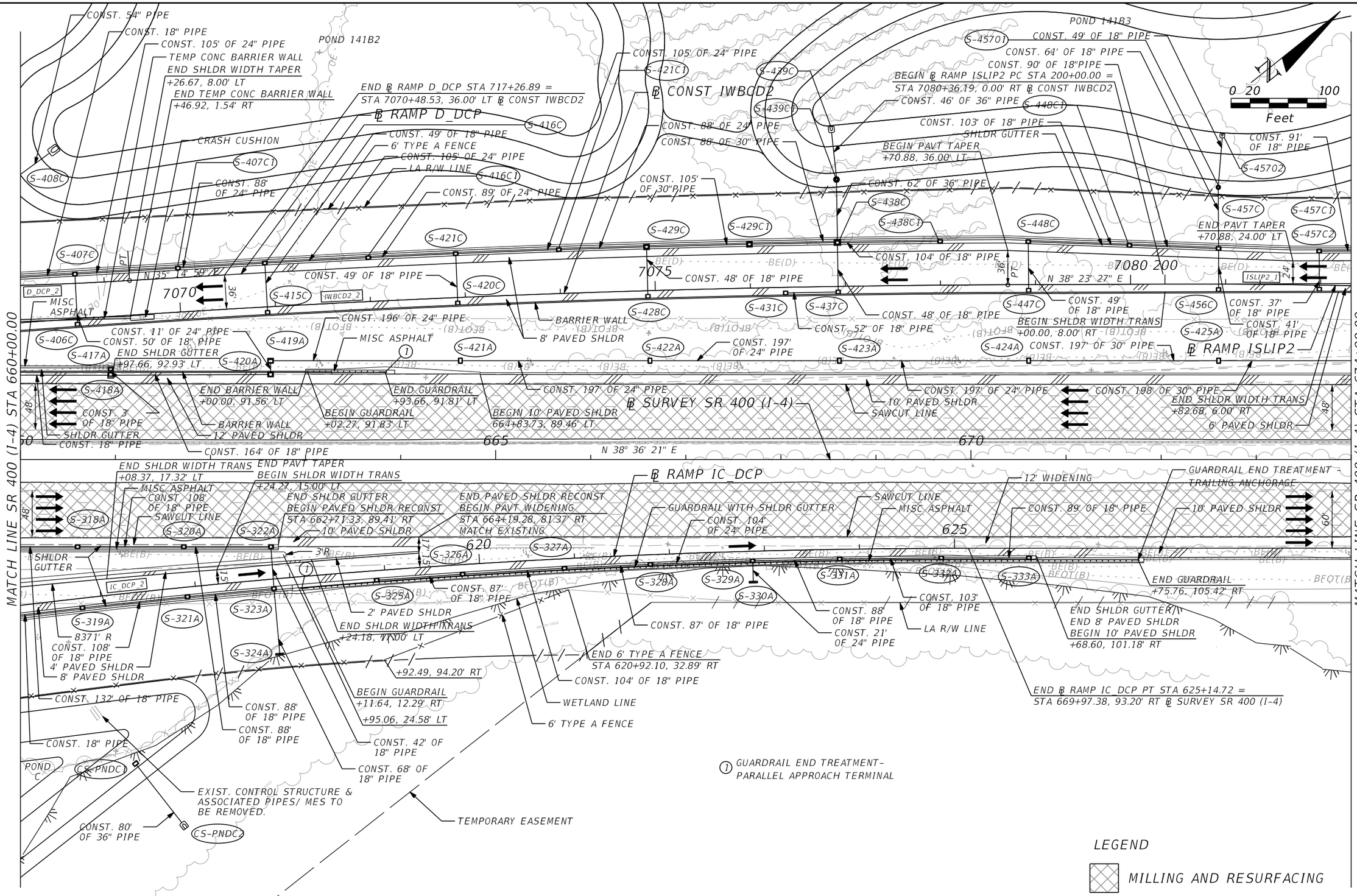

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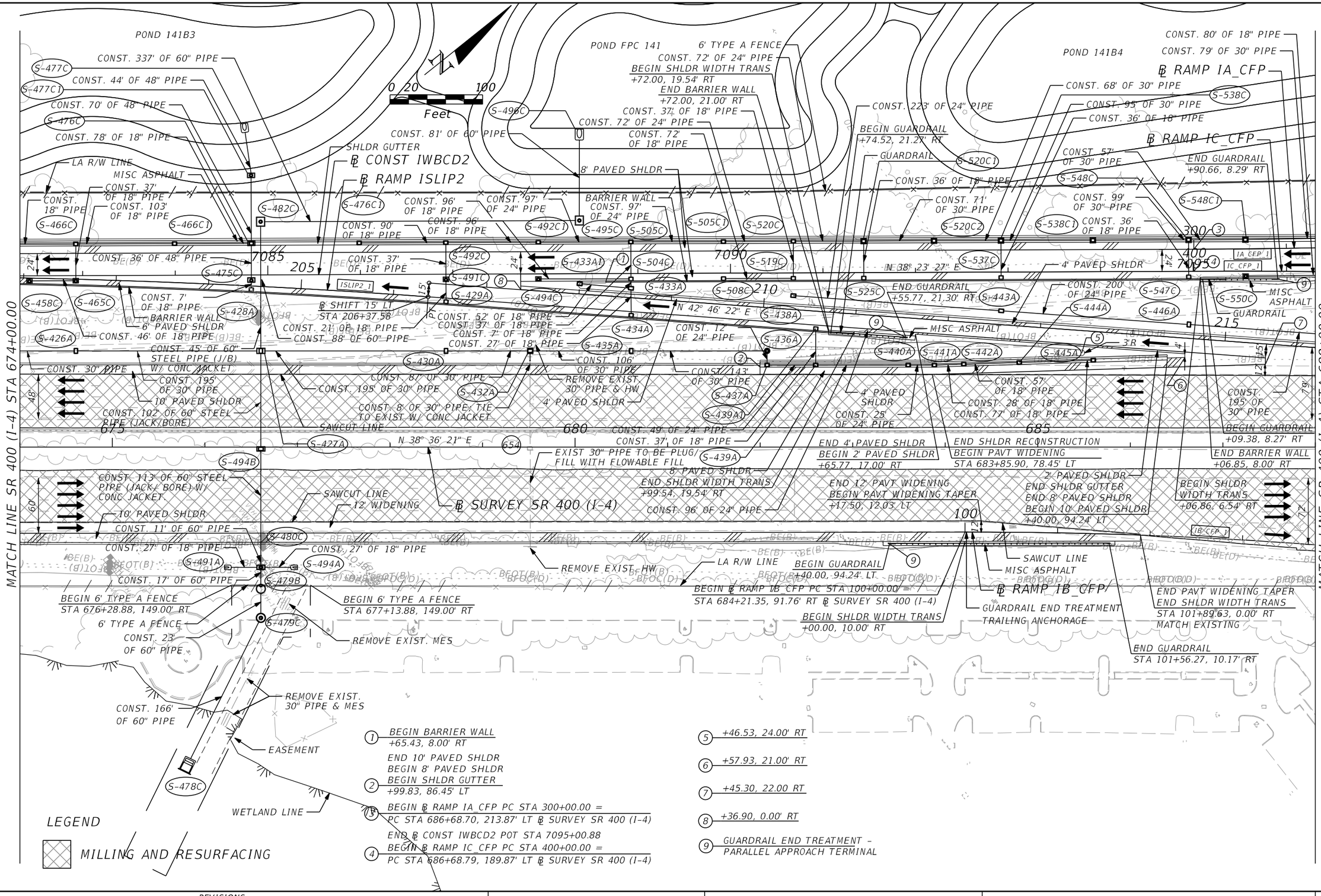
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) - PLAN 10

SHEET NO. 118



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) - PLAN 11

SHEET NO. 119

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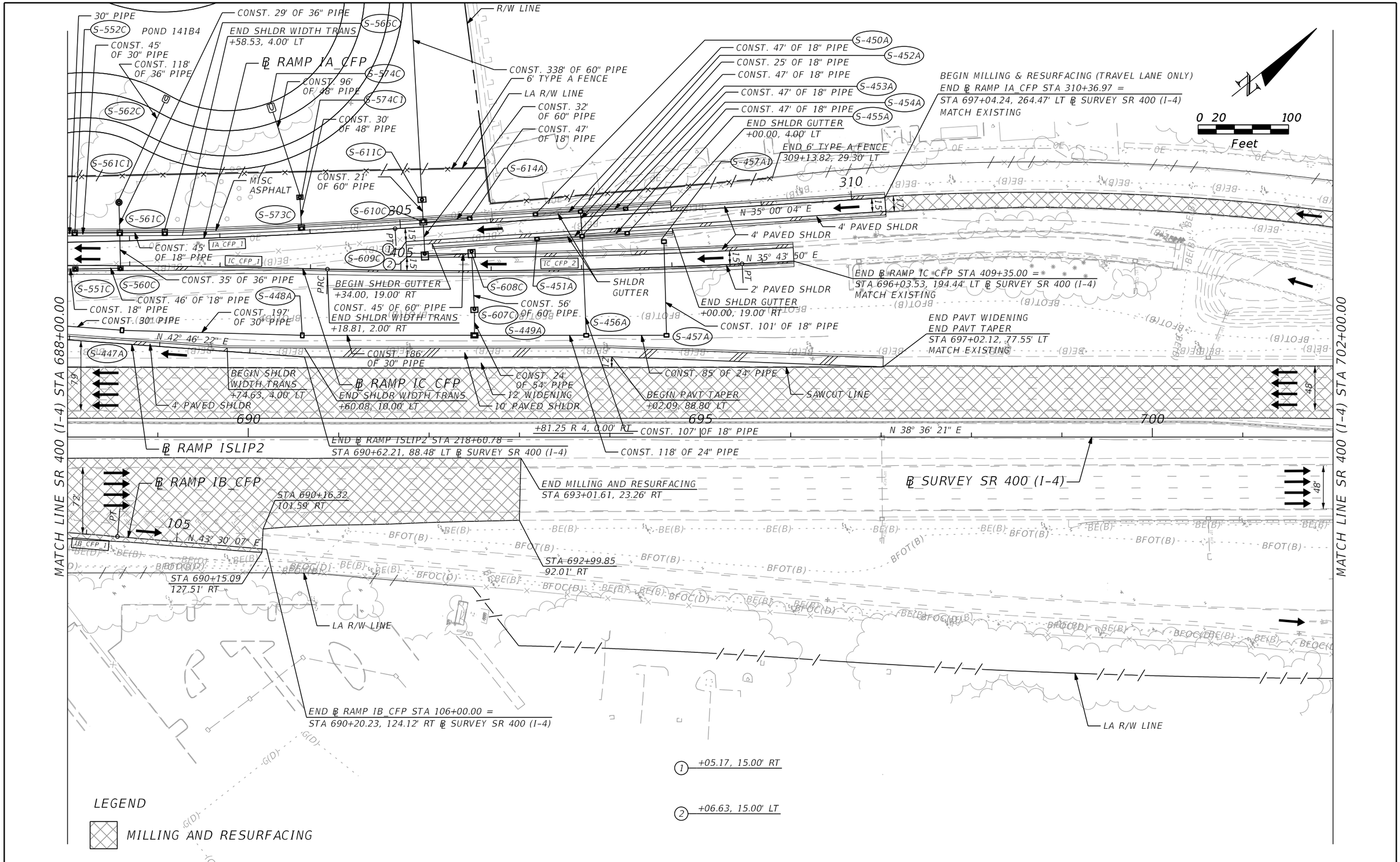

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) - PLAN 12

SHEET NO.
120

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SEE CENTRAL FLORIDA PKWY – PLAN 1

MATCH LINE SR 400 (I-4) STA 702+00.00

CONST. 245' OF 60" PIPE

EASEMENT

60'

R/W LINE

℄ LAT DITCH2

BSL-4

LA R/W LINE

TEMPORARY EASEMENT

LA R/W LINE

CONST. 78' OF 60" PIPE

CONST. 8' OF 60" PIPE

BSL-5C

BSL-5

CONST. 52' OF 48" PIPE

CONST. 80' OF 18" PIPE

BSL-5B

EX-4

CONST. 123' OF 54" STEEL PIPE (JACK/BORE)

BSL-5A

END MILLING & RESURFACING (TRAVEL LANE ONLY) STA 706+83.96 201.27' LT

48'

N 38° 36' 21" E

END MILLING AND RESURFACING STA 704+62.00, 78.52' LT

CONST. 325' OF 54" STEEL PIPE (JACK/BORE)

STA 704+62.00, 21.34' LT

BEGIN ℄ SURVEY TURKEY LAKE ROAD STA 146+14.36= STA 708+00.00 ℄ SURVEY SR 400 (I-4)

60'

CONST. 106' OF 24" PIPE

BSL-6A

BSL-6

EASEMENT

CONST. 157' OF 24" STEEL PIPE (JACK/BORE)

LA R/W LINE

BSL-6B

CONST. 8' OF 24" PIPE WITH CONC. JACKET

BSL-7

CONST. 206' OF 48" STEEL PIPE (JACK/BORE)

CONST. 304' OF 48" PIPE

EB CENTRAL FLORIDA PKWY

WB CENTRAL FLORIDA PKWY

150'

R/W LINE

BEGIN 4' TRAFFIC SEPARATOR STA 148+40.00 MATCH EXISTING

END PROJECT 441113-1-52-01
END CONSTRUCTION 441113-1-52-01
℄ SURVEY SR 400 (I-4) STA 707+00.00

R/W LINE

LA R/W LINE

4' TRAFFIC SEPARATOR

℄ SURVEY SR 400 (I-4)

715

℄ SURVEY TURKEY LAKE ROAD

710

C713

BEGIN ℄ SURVEY CENTRAL FLORIDA PKWY STA 27+72.82= STA 708+06.28 ℄ SURVEY SR 400 (I-4)

℄ SURVEY CENTRAL FLORIDA PKWY

END 4' TRAFFIC SEPARATOR STA 28+97.31

LA R/W LINE

0 20 100
Feet

LEGEND

MILLING AND RESURFACING

SEE CENTRAL FLORIDA PKWY – PLAN 2

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) - PLAN 13

SHEET NO. 121

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0 20 100
Feet

NOTE: SEE NEXT SHEET FOR DRAINAGE STRUCTURE INFORMATION

SEE SR 400 (I-4) - PLAN 9A
MATCH LINE SR 400 (I-4) STA 649+00.00

MATCH LINE SR 400 (I-4) STA 641+00.00
SEE SR 400 (I-4) - PLAN 8

MATCH LINE DARYL CARTER PKWY STA 114+00.00

R/W LINE
℄ POND141
6' PAVED SHLDR
END SHLDR WIDTH TRANS
+94.00, 30.00' LT
RETAINING WALL 6
RETAINING WALL 5
℄ RAMP D_DCP
BEGIN SHLDR WIDTH TRANS
+56.04, 34.00' LT
10' PAVED SHLDR
N 38° 37' 11" E
N 44° 32' 29" E
PC
POND 140B3
POND 140B2
POND 140B1
24' 24'
D_DCP1
6' PAVED SHLDR
℄ RAMP ISLIP1
END SHLDR WIDTH TRANS
+68.48, 6.00' LT
60'
48'
ISLIP1
END BARRIER WALL
BEGIN RETAINING WALL 6
+88.91, 69.20' RT
BEGIN BARRIER WALL
+72.99, 105.67' RT
BEGIN SHLDR WIDTH TRANS
+00.00, 12.00' LT
BEGIN ℄ RAMP ISLIP1 PC STA 100+00.00 =
STA 645+68.21, 92.55' LT ℄ SURVEY SR 400 (I-4)
EXISTING BRIDGE SIDEWALK TO BE REMOVED
EXISTING BRIDGE TO REMAIN
EXISTING BRIDGE RAILING TO BE REPLACED
℄ EB DCP
BARRIER WALL
℄ WB DCP
10.33' CONC SWK
EXISTING BRIDGE RAILING TO BE REPLACED
EXISTING BRIDGE TO REMAIN
EXISTING BRIDGE SIDEWALK TO BE REMOVED
EXISTING TRAFFIC SEPARATOR TO BE REMOVED
SAWCUT LINE
12' PAVED SHLDR
BARRIER WALL
℄ SURVEY SR 400 (I-4)
MISC ASPHALT
6' TYPE A FENCE
REMOVE EXISTING BARRIER WALL
LA R/W LINE
EXISTING SIDEWALK TO BE REMOVED
SAWCUT LINE
CONC TRAFFIC SEPARATOR
℄ WB DCP
8' CONC SWK
6' CONC SWK
BEGIN RETAINING WALL 5
+71.42, 106.64' LT
C&G TYPE F
BARRIER WALL
END PAVT TAPER
+10.29, 0.00' RT
S 51° 21' 11" E
SWK CURB
CRASH CUSHION
TRAFFIC SEPARATOR
BEGIN PAVT TAPER
+10.34, 22.20' RT
C&G TYPE E
C&G TYPE F
℄ EB DCP
8' CONC SWK
CR-E
END 6' TYPE A FENCE
STA 108+00.46, 94.30' RT
SWK CURB
R/W LINE
LA R/W LINE
PALM PKWY
℄ DARYL CARTER PKWY
R 500'
R 600'
EBDCP1
EBDCP2
WBDCP1
WBDCP2
100
105
110
200
205
300
305
400
500
600
700
28'
24'
40'
39.5'
09
48

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, 26.00' LT
℄ DARYL CARTER PKWY

BEGIN MILL & RESURFACE/PAVT WIDENING
STA 104+15.69
MATCH EXISTING

BEGIN ℄ DARYL CARTER PKWY
STA 100+00.00

BEGIN ℄ EB DCP STA 104+23.69 =
STA 104+23.69, 14.00' RT
℄ DARYL CARTER PKWY

1. BEGIN APPROACH SLAB
STA 109+70.77
2. BEGIN BRIDGE
STA 109+90.77
3. BEGIN BARRIER WALL
+26.28, 6.50' LT
4. BEGIN BARRIER WALL
+25.90, 6.50' RT
5. +23.69, 2.25' LT
6. +22.62, 9.66' RT
7. +74.02, 12.50' RT
8. END CONC TRAFFIC SEPARATOR
BEGIN C&G TYPE E
+34.03, 14.00' RT
9. END BARRIER WALL
+70.89, 6.50' LT
10. END BARRIER WALL
+69.69, 6.50' RT
11. END DITCH EL 131.50
+79.55, 63.35' LT
SEE INTERSECTION LAYOUT FOR MORE DETAIL
12. END DITCH EL 132.00
+79.57, 63.03' RT
13. BEGIN CONC TRAFFIC SEPARATOR
+17.70, 3.21' RT
14. BEGIN C&G TYPE F
+61.00, 55.50' RT
15. END C&G TYPE F
+70.77, 61.80' RT
16. BEGIN SIDEWALK REMOVAL
+75.82, 78.29' RT
17. END SIDEWALK REMOVAL
+70.77, 61.80' RT
18. BEGIN C&G TYPE F REMOVAL
+61.00, 55.50' RT
19. END C&G TYPE F REMOVAL
+70.77, 55.50' RT
BEGIN ℄ RAMP D_DCP STA 700+00.00 =
STA 108+78.17, 0.00' LT ℄ DARYL CARTER PKWY

SEE STRUCTURE PLANS FOR RETAINING WALLS AND BRIDGE MODIFICATION DETAILS

LEGEND

MILLING AND RESURFACING

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY - PLAN 1A

SHEET NO. 122

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0 20 100
Feet

NOTE: SEE PREVIOUS SHEET FOR ROADWAY INFORMATION

SEE INTERSECTION LAYOUT FOR MORE DETAIL

SEE STRUCTURE PLANS FOR RETAINING WALLS AND BRIDGE MODIFICATION DETAILS

FOR ALL PROPOSED DRAINAGE STRUCTURE THAT TIES INTO EXIST. PIPES, REFER TO DRAINAGE STRUCTURE SECTIONS FOR CONSTRUCTION DETAILS.

LEGEND

MILLING AND RESURFACING

SEE SR 400 (I-4) - PLAN 9B
MATCH LINE SR 400 (I-4) STA 649+00.00

MATCH LINE SR 400 (I-4) STA 641+00.00
SEE SR 400 (I-4) - PLAN 8

℄ DARYL CARTER PKWY

℄ SURVEY SR 400 (I-4)

MATCH LINE DARYL CARTER PKWY STA 114+00.00

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY - PLAN 1B

SHEET NO. 123

SEE SR 400 (I-4) - PLAN 9A
MATCH LINE ℄ RAMP IC_DCP
STA 604+05.96

BEGIN APPROACH SLAB
STA 604+02.00

24'
6' PAVED SHLDR
10' PAVED SHLDR
℄ RAMP IC_DCP
RETAINING WALL 3
N 33° 08' 34" E
BEGIN 6' PAVED SHLDR
+11.08, 30.00' LT
BEGIN BARRIER WALL
+73.03, 114.06' LT
LA R/W LINE
END SHLDR WIDTH TRANS
+82.57, 10.00' RT
END BARRIER WALL
BEGIN RETAINING WALL 3
+88.81, 72.33' LT
10.33' CONC SWK

MATCH LINE DARYL CARTER PKWY STA 114+00.00

EXISTING SIDEWALK TO BE REMOVED
SWK CURB
BEGIN SHLDR WIDTH TRANS
+71.64, 43.45' RT
BEGIN RETAINING WALL 3
+76.04, 67.29' RT
CR-D
8' CONC SWK
C&G TYPE F
S 51° 21' 11" E
52'
210
EBDCP3
1
115
WBDCP4
600
6
SAWCUT LINE
S 51° 21' 11" E
C&G TYPE E
S 51° 21' 11" E
310
2
TRAFFIC SEPARATOR
7
EBDCP4
28'
WBDCP3
3
8' CONC SWK
6' CONC SWK
END RETAINING WALL 1
+83.01, 85.57' RT
SWK CURB
EXISTING SIDEWALK TO BE REMOVED
C&G TYPE F
10' PAVED SHLDR
END RETAINING WALL 2
BEGIN BARRIER WALL
+71.50, 66.77' LT
END SHLDR WIDTH TRANS
+99.53, 34.00' RT
BEGIN SHLDR WIDTH TRANS
+05.58, 31.04' LT
RETAINING WALL 1
RETAINING WALL 2
END SHLDR GUTTER
END SHLDR WIDTH TRANS
+30.00, 28.54' LT
END GUARDRAIL
+27.48, 30.27' LT
MISC ASPHALT
BEGIN SHLDR WIDTH TRANS
+99.53, 30.00' RT
BEGIN SHLDR WIDTH TRANS
+02.48, 28.00' LT
BARRIER WALL
6' PAVED SHLDR
N 49° 17' 58" E
4
LA R/W LINE
6' PAVED SHLDR
GUARDRAIL WITH SHLDR GUTTER
℄ RAMP IB_DCP
5
P1
24'
24'
4' PAVED SHLDR
GUARDRAIL END TREATMENT - PARALLEL APPROACH TERMINAL

MATCH LINE ℄ RAMP IB_DCP
STA 511+61.14
SEE SR 400 (I-4) - PLAN 8

1 END BRIDGE
STA 114+10.77
2 END APPROACH SLAB
STA 114+30.77
3 END BARRIER WALL
END SHLDR WIDTH TRANS
+88.13, 101.82' LT
MATCH EXISTING
4 BEGIN RETAINING WALL 2
+30.00, 30.00' LT
5 BEGIN GUARDRAIL
+83.73, 32.30' LT

6 END ℄ RAMP IB_DCP STA 515+58.37 =
STA 115+17.95, 0.00' ℄ DARYL CARTER PKWY
7 BEGIN ℄ RAMP IC_DCP STA 600+00.00 =
STA 115+31.32, 0.00' ℄ DARYL CARTER PKWY
8 +90.71, 11.00' LT
9 +80.69, 6.97' LT
10 END C&G TYPE E
+80.06, 7.00' RT

BEGIN PAVT TAPER
+02.80, 40.00' LT
℄ WB DCP
EXISTING RETAINING WALL TO REMAIN
9' WIDENING
SAWCUT LINE
15' WIDENING
315
29'
8
100'
9
LA R/W LINE
END PAVT TAPER
END C&G TYPE F
MATCH EXISTING
+51.57, 29.00' LT
END ℄ WB DCP STA 317+73.70 =
STA 121+76.65, 23.00' LT ℄ DARYL CARTER PKWY
END MILL & RESURFACE/PAVT WIDENING
STA 121+98.00, 0.00' LT
MATCH EXISTING
END ℄ DARYL CARTER PKWY
STA 125+42.77
℄ DARYL CARTER PKWY
125
120
23'
215
36'
℄ EB DCP
52'
10
28.71'
LA R/W LINE
EXISTING RETAINING WALL TO REMAIN
END ℄ EB DCP STA 215+96.64 =
STA 120+02.34, 23.00' RT
℄ DARYL CARTER PKWY

R/W LINE
REGENCY VILLAGE DR.

0 20 100
Feet

SEE INTERSECTION LAYOUT FOR MORE DETAIL

SEE STRUCTURE PLANS FOR RETAINING WALLS AND BRIDGE MODIFICATION DETAILS

NOTE: SEE NEXT SHEET FOR DRAINAGE STRUCTURE INFORMATION

LEGEND

MILLING AND RESURFACING

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY - PLAN 2A

SHEET NO. 124

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SEE SR 400 (I-4) - PLAN 9B
MATCH LINE ℄ RAMP IC_DCP
STA 604+05.96

NOTE: SEE PREVIOUS SHEET FOR ROADWAY INFORMATION

SEE INTERSECTION LAYOUT FOR MORE DETAIL

SEE STRUCTURE PLANS FOR RETAINING WALLS AND BRIDGE MODIFICATION DETAILS

FOR ALL PROPOSED DRAINAGE STRUCTURE THAT TIES INTO EXIST. PIPES, REFER TO DRAINAGE STRUCTURE SECTIONS FOR CONSTRUCTION DETAILS.

0 20 100
Feet

MATCH LINE DARYL CARTER PKWY STA 114+00.00

EXIST. CONTROL STRUCTURE TO BE REMOVED
CONST. 34' OF 24" PIPE
℄ RAMP IC_DCP
CONST. 44' OF 18" PIPE
PROPOSED DITCH (SEE SECTION B-B OF MISC DRNG. DETAIL SHEET
CONST. 33' OF 18" PIPE
LA R/W LINE
CONST. 57' OF 18" PIPE
CONST. 39' OF 18" PIPE
CONST. 41' OF 18" PIPE
BEGIN DITCH +06.16, 113.92' RT ELEV. = 131.00'
CONST. 26' OF 18" PIPE
CONST. 39' OF 18" PIPE
CONST. 49' OF 18" PIPE
CONST. 39' OF 18" PIPE
CONST. 65' OF 18" PIPE
CONST. 8' OF 24" PIPE & CONC. JACKET
REMOVE EXIST. INLET AND PIPES
℄ WB DCP
CONST. 65' OF 18" PIPE
CONST. 163' OF 18" PIPE
LA R/W LINE
AS PART OF THE CONSTRUCTION OF MANHOLE S-113C, CONST. 8' OF 48" PIPE & CONC. JACKET ON EITHER SIDE OF.
℄ DARYL CARTER PKWY
CONST. 8' OF 48" PIPE W/ CONC. JACKET
ADJUST MH TOP
CONST. 56' OF 18" PIPE
CONST. 8' OF 24" PIPE & CONC. JACKET
CONST. 32' OF 18" PIPE
CONST. 30' OF 18" PIPE
℄ EB DCP
LA R/W LINE
EXIST 24" PIPE TO FILL W/ FLOWABLE FILL
REMOVE EXIST. STRUCTURE; FILL EXIST. PIPE W/ FLOWABLE FILL
CONST. 40' OF 18" PIPE
CONST. 97' OF 18" PIPE
CONST. 56' OF 18" PIPE
CONST. 104' OF 18" PIPE
LA R/W LINE
CONST. 55' OF 18" PIPE
CONST. 164' OF 18" PIPE
℄ RAMP IB_DCP
R/W LINE
REGENCY VILLAGE DR.

S-336C, S-338C, S-335C, S-337C, S-333C, S-334C, S-332C, S-329C, S-326C, S-328C, S-104C, S-327C, S-102C, S-103C, S-106C, S-105C, S-109C, S-111C, S-110C, S-113C, S-101C, S-100C, S-322C, S-323C, S-319C, S-320C, S-317C, S-318C

675, 680, 679, 678

N 33° 08' 34" E
N 43° 17' 56" E
S 51° 21' 11" E

EBDCP4, WBDCP4, WBDCP3, EBDCP4

MATCH LINE ℄ RAMP IB_DCP
STA 511+61.14
SEE SR 400 (I-4) - PLAN 8

LEGEND

MILLING AND RESURFACING

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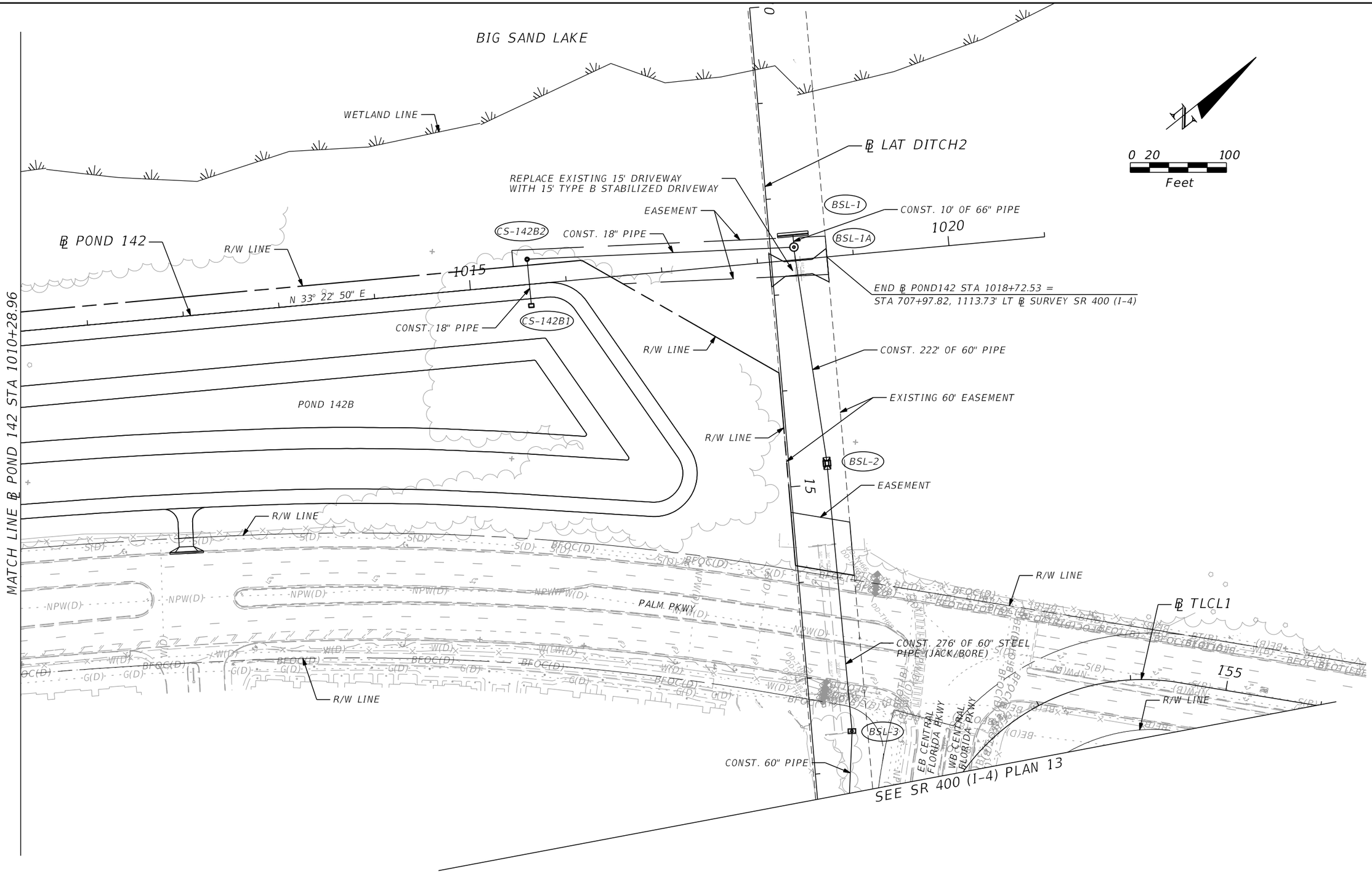
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY - PLAN 2B

SHEET NO. 125



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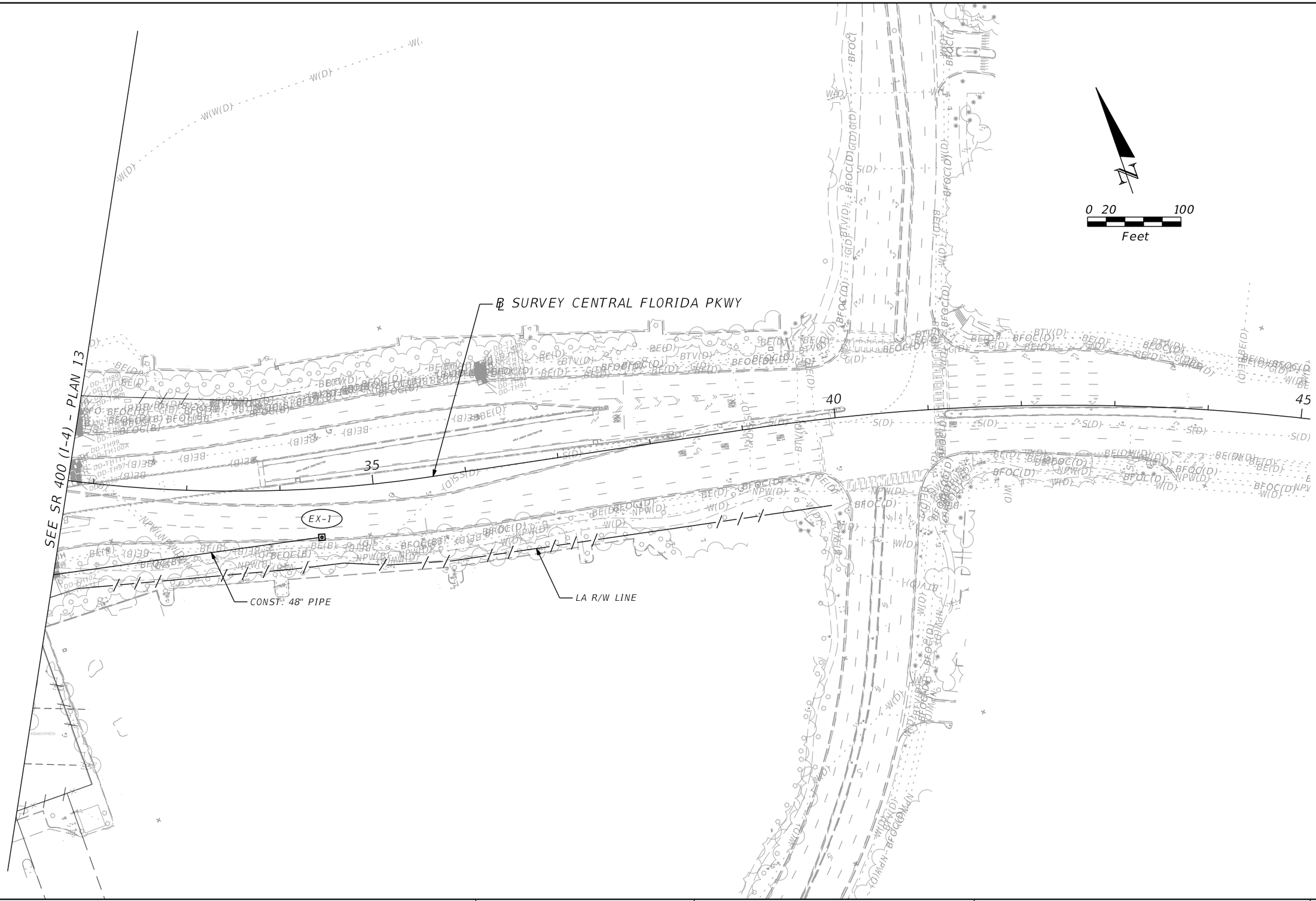
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

CENTRAL FLORIDA PARKWAY
PLAN 1

SHEET NO. 126



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

CENTRAL FLORIDA PARKWAY
PLAN 2

SHEET NO. 127

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170
160
150
140
130
120
110
100
90
80

BEGIN PROJECT 441113-1-52-01
℄ SURVEY SR 400 (I-4)
STA. 546+00.00
EL. 119.48

124.04

EXISITNG GROUND AT ℄ SURVEY SR 400 (I-4)

535+00.00
540+00.00
545+00.00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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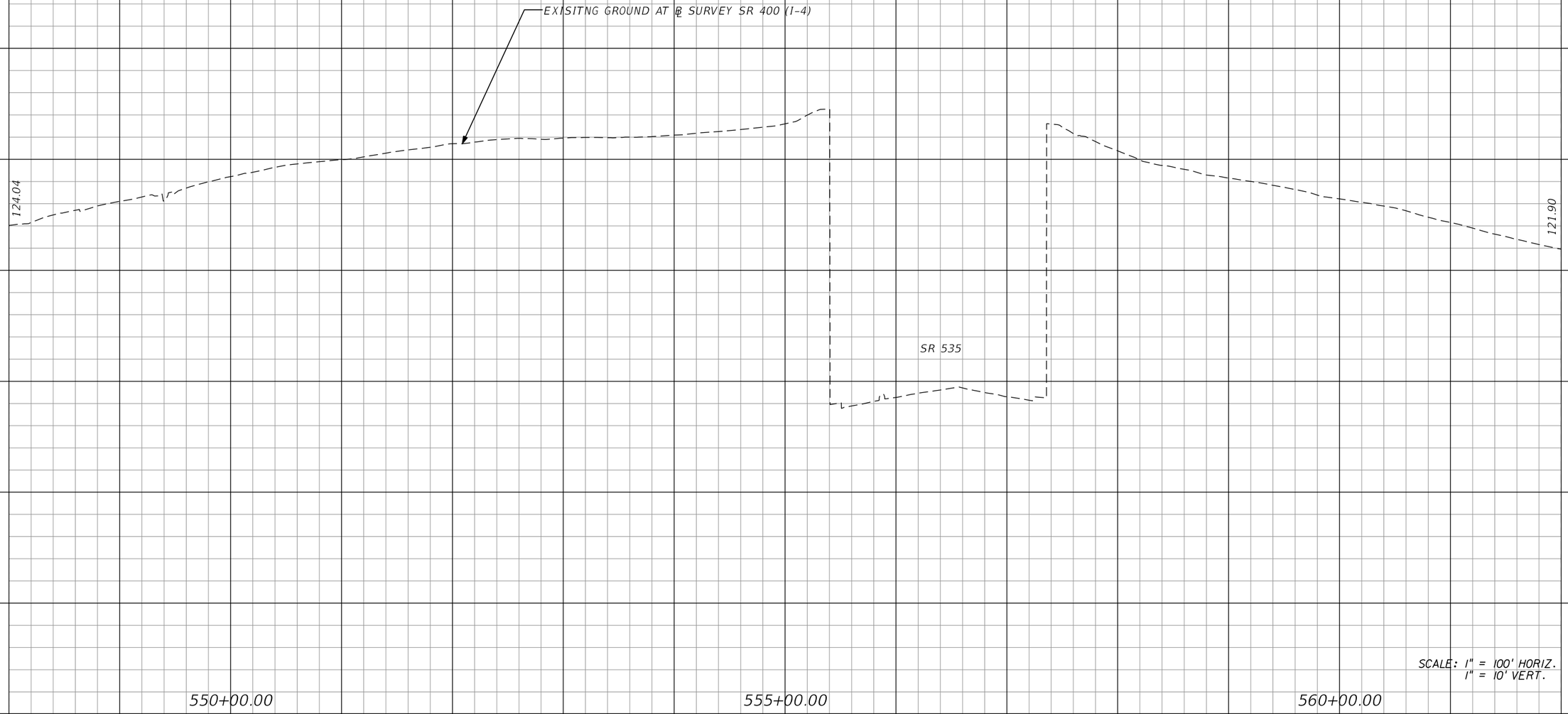
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) (1)
PROFILE

SHEET NO. 128



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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) (2)
PROFILE

SHEET NO. 129

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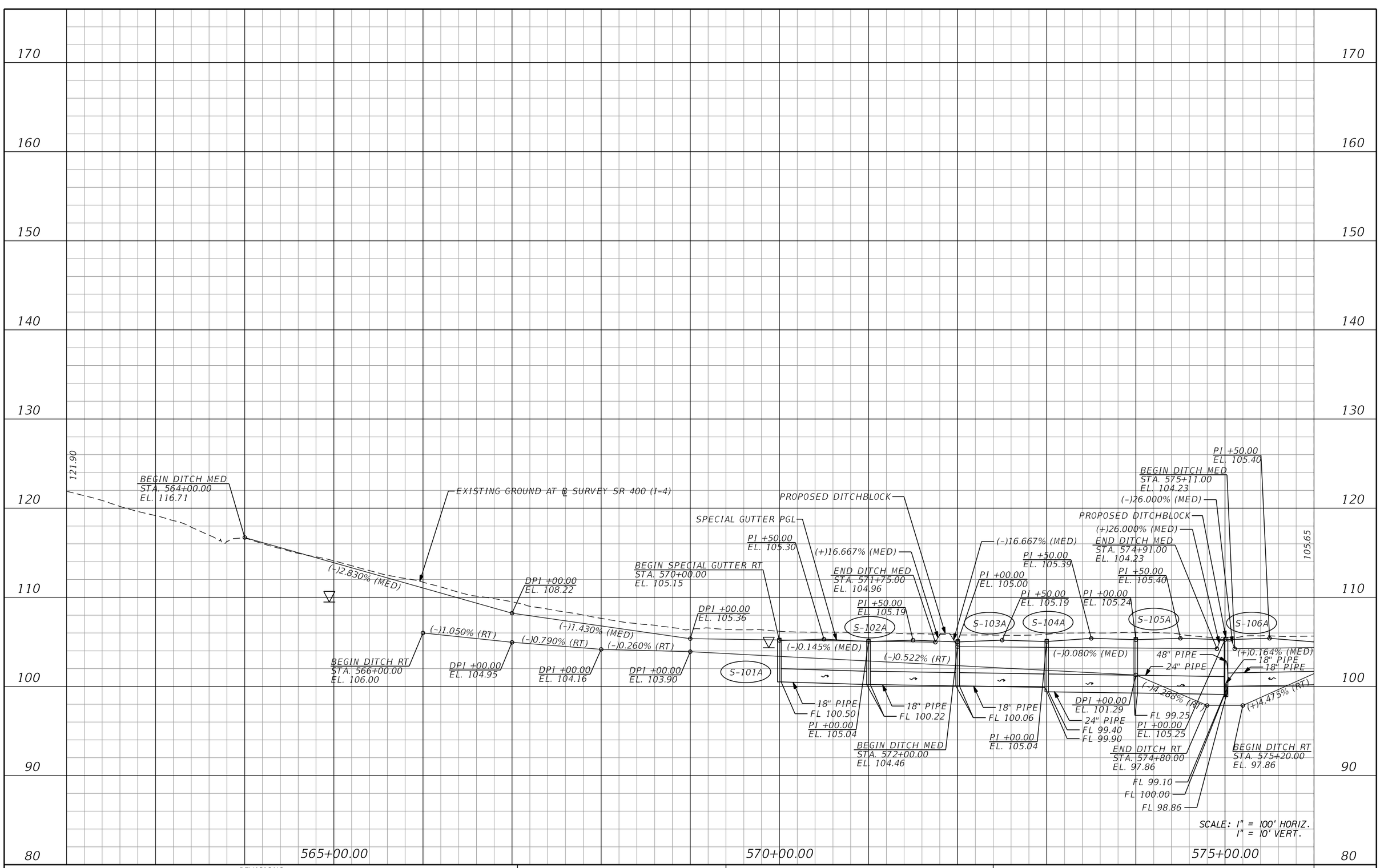

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) (3)
PROFILE

SHEET NO. 130

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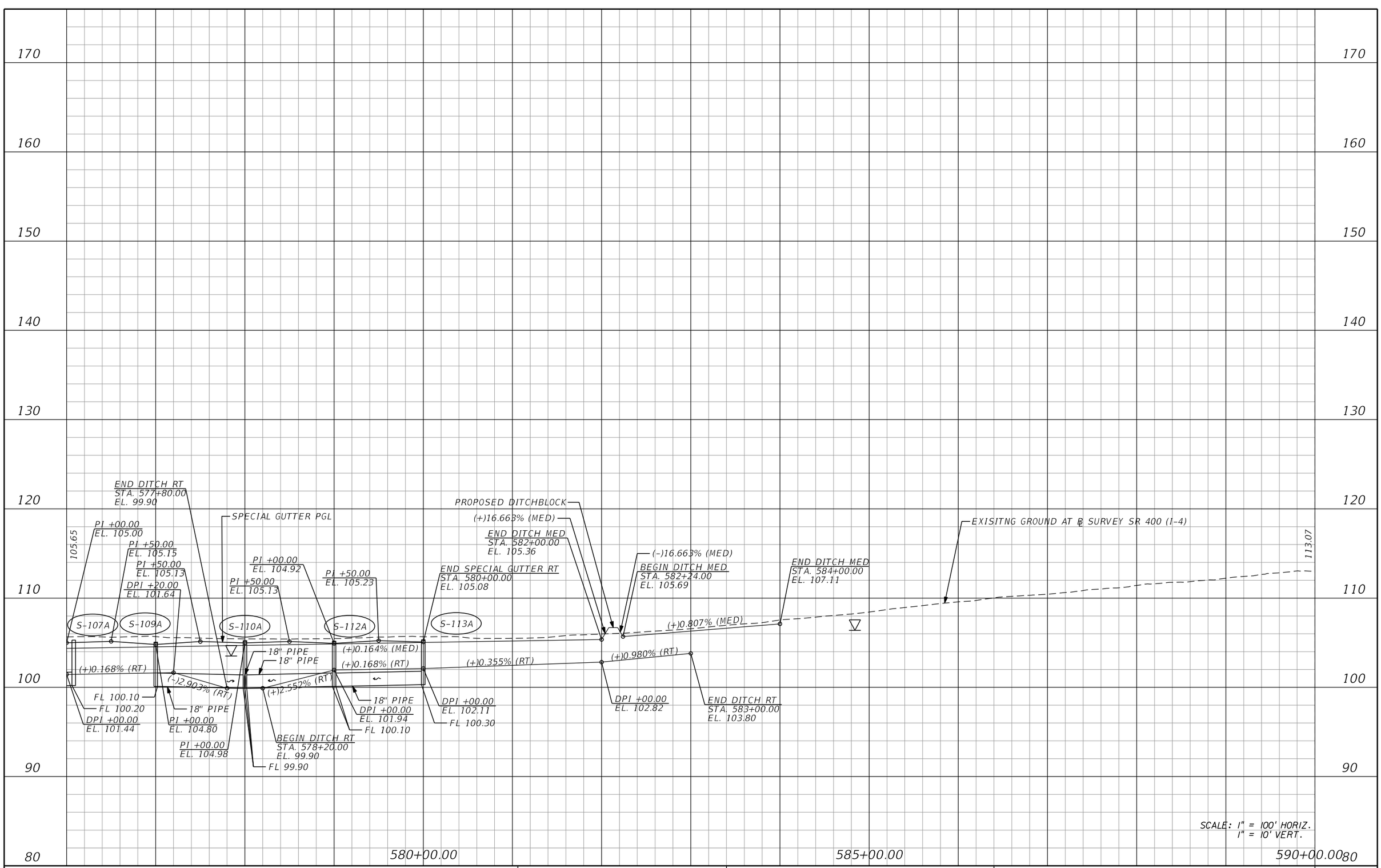

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) (4)
PROFILE

SHEET NO. 131

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170

160

150

140

130

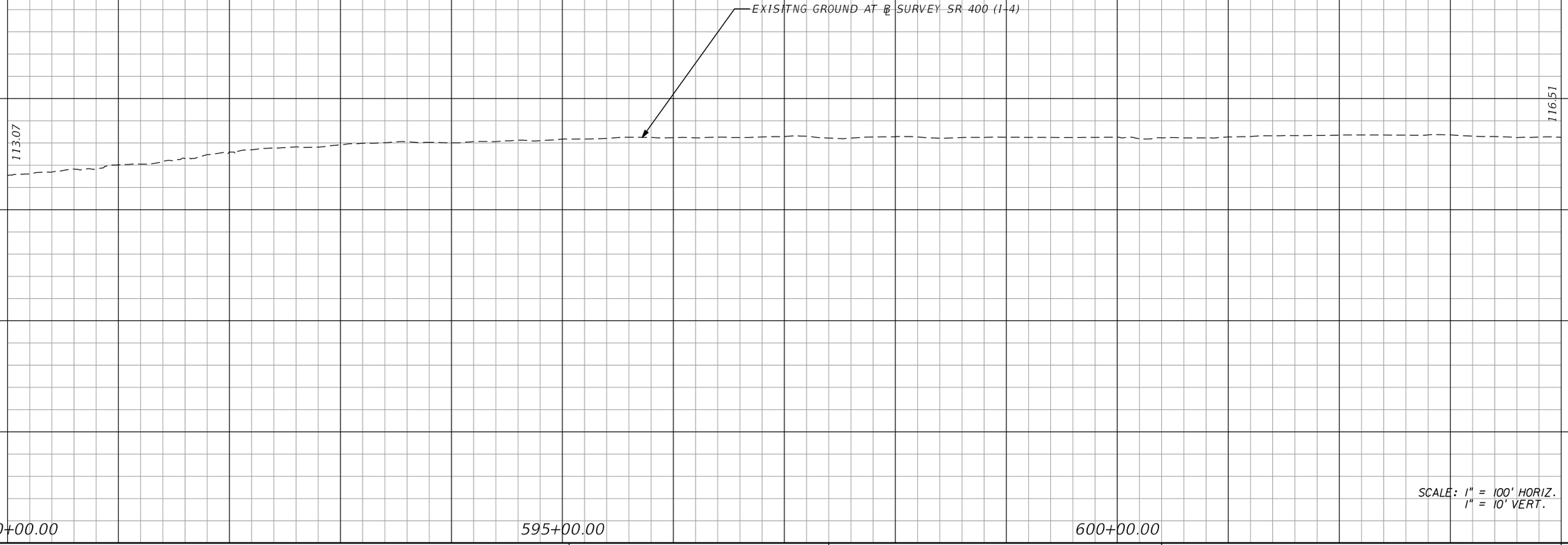
120

110

100

90

80



590+00.00 595+00.00 600+00.00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

REVISIONS			
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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) (5)
PROFILE

SHEET NO. 132

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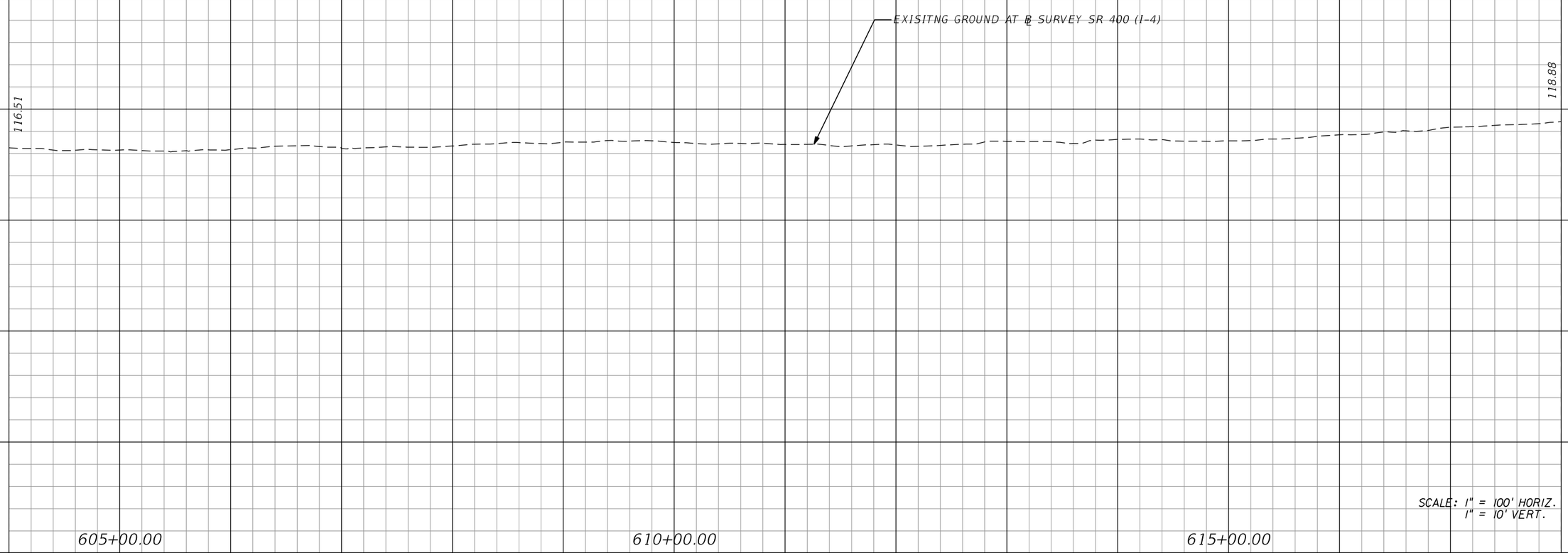

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) (6)
PROFILE

SHEET NO. 133

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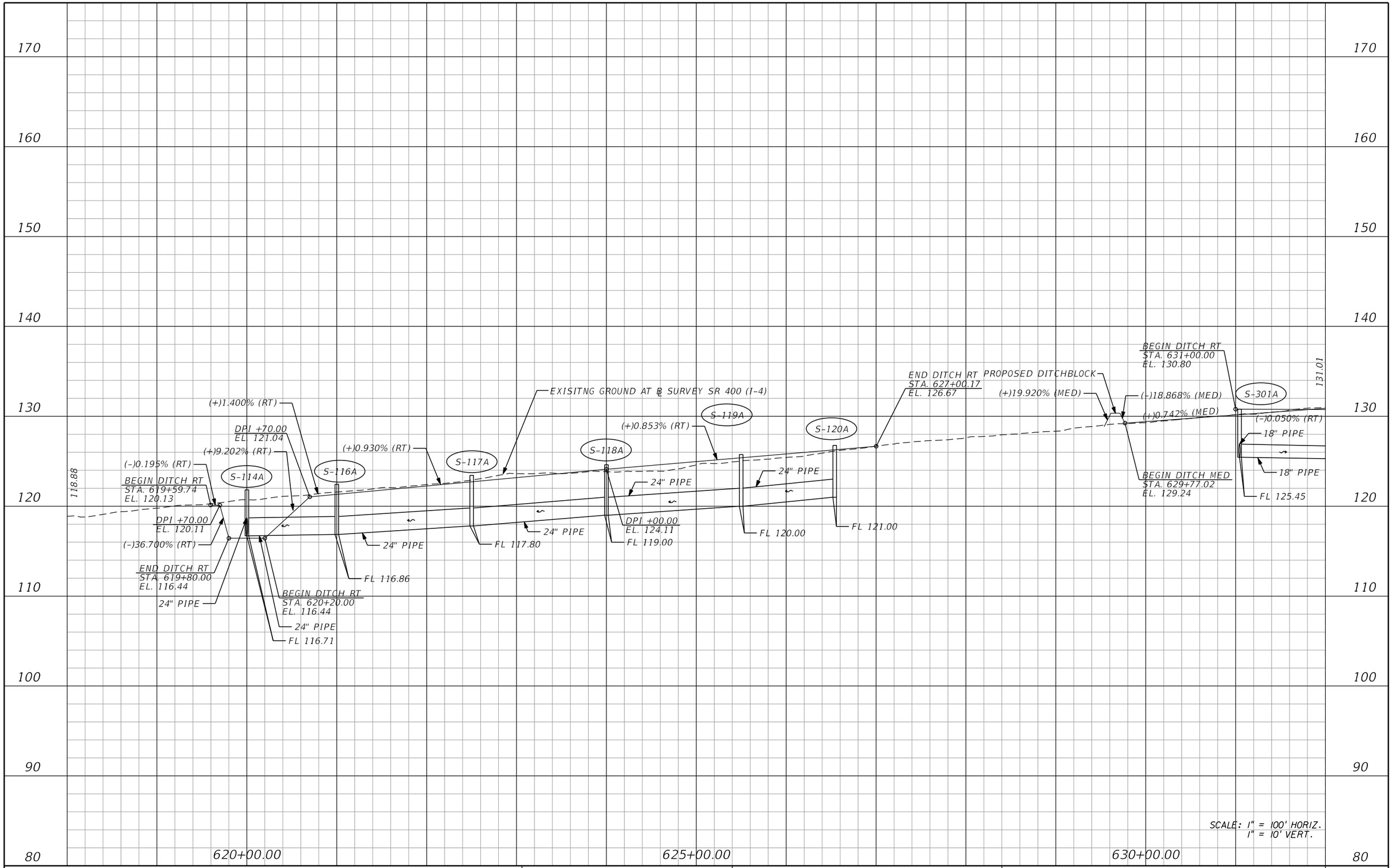

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Michael Scott Phillips, P.E.
P.E. License No. 61806
AECOM TECHNICAL SERVICES, Inc.
150 N. Orange Avenue, Suite 200
Orlando, FL. 32801
T 407.843.6552 F 407.839.1789
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) (7)
PROFILE

SHEET NO. 134

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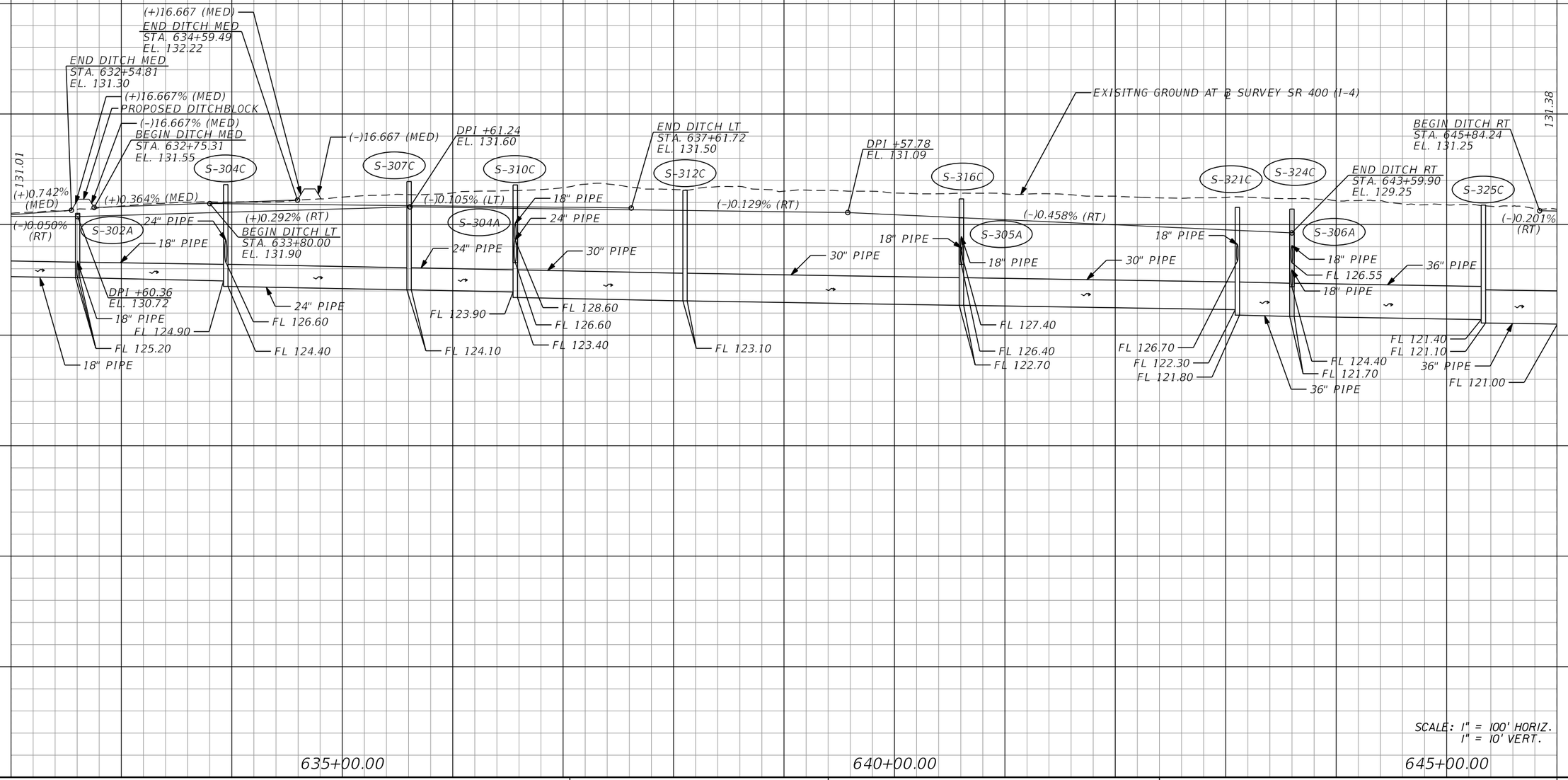
glen.dvorovy 5/6/2020 4:44:30 PM c:\pwworking\aecom_na\glen.dvorovy\d0166329\PROFRD_I-4_07.dgn



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) (8)
PROFILE

SHEET NO. 135

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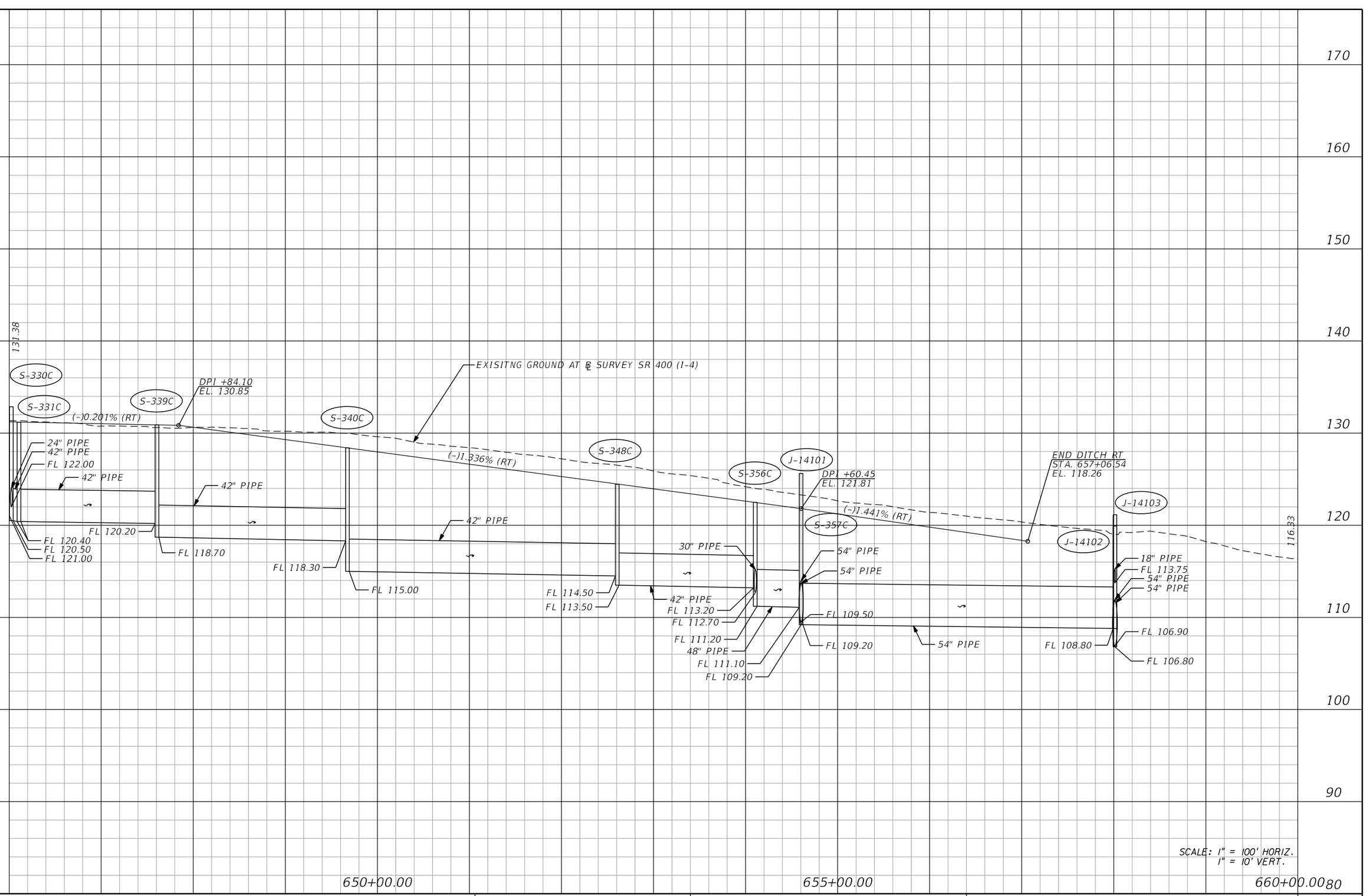

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) (9)
PROFILE

SHEET NO. 136

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170
160
150
140
130
120
110
100
90
80

116.33

BEGIN DITCH LT
STA. 660+92.66
EL. 115.08

(-)1.368% (LT)

DPI +71.71
EL. 112.63

(-)1.986% (LT)

DPI +71.42
EL. 110.65

EXISITNG GROUND AT ℄ SURVEY SR 400 (I-4)

(-)0.897% (LT)

DPI +62.84
EL. 109.83

(-)0.459% (LT)

BEGIN SPECIAL GUTTER RT
STA. 668+15.92
EL. 108.89

SPECIAL GUTTER PGL

DPI +61.53
EL. 108.00

PI +61.72
EL. 108.75

PI +15.20
EL. 108.98

PI +68.68
EL. 108.82

PI +14.78
EL. 108.96

END SPECIAL GUTTER RT
STA. 670+60.93
EL. 108.75

109.30

(+)0.150% (LT)

(-)0.230% (RT)

BEGIN DITCH RT
STA. 670+68.23
EL. 106.26

660+00.00 665+00.00 670+00.00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) (10)
PROFILE

SHEET NO. 137

170
160
150
140
130
120
110
100
90
80

109.30
108.66

EXISITNG GROUND AT ℄ SURVEY SR 400 (I-4)

DPI +60.58
EL. 108.90

END DITCH RT
STA. 676+00.00
EL. 105.04

S-479C
S-480C

(+)0.150%
(LT)

(-)0.230% (RT)

(-)0.058% (LT)

18" PIPE
FL 104.98
18" PIPE
FL 104.70
FL 103.35
FL 104.10
60" PIPE
FL 97.45

BEGIN DITCH RT
STA. 677+68.24
EL. 104.10

DPI +60.66
EL. 108.55

(+)0.325% (LT)

END DITCH LT
STA. 681+68.24
EL. 108.90

(+)0.680% (RT)

BEGIN SPECIAL GUTTER LT
STA. 682+60.00
EL. 109.51

DPI +68.24
EL. 107.50

PI +10.00
EL. 109.66

SPECIAL GUTTER PGL

PI +60.00
EL. 109.45

PI +88.28
EL. 109.34

PI +20.00
EL. 109.44

(+)0.057% (RT)

PI +80.00
EL. 109.26

PI +20.00
EL. 109.50

END SPECIAL GUTTER LT
STA. 685+60.00
EL. 109.26

END DITCH RT
STA. 685+68.24
EL. 107.67

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

675+00.00
680+00.00
685+00.00

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) (11)
PROFILE

SHEET NO. 138

170
160
150
140
130
120
110
100
90
80

108.66

BEGIN DITCH LT
STA. 690+59.80
EL. 108.14

EXISITNG GROUND AT ℄ SURVEY SR 400 (I-4)

(+)0.079% (LT)

DPI +62.66
EL. 108.46

(+)0.275% (LT)

END DITCH LT
STA. 696+73.78
EL. 109.04

116.45

690+00.00
695+00.00
700+00.00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) (12)
PROFILE

SHEET NO. 139

170
160
150
140
130
120
110
100
90
80

END PROJECT 441113-1-52-01
℄ SURVEY SR 400 (I-4)
STA. 707+00.00
EL. 123.66

EXISITNG GROUND AT ℄ SURVEY SR 400 (I-4)

116.45

CENTRAL
FLORIDA
PKWY

705+00.00

710+00.00

715+00.00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) (13)
PROFILE

SHEET NO.
140

170
160
150
140
130
120
110
100
90
80

7055+00
7060+00
7065+00

BEGIN PROFILE
℄ CONST IWBCD2
STA. 7065+44.16
EL. 129.89

144.16

e = (–) 0.02

℄ CONST IWBCD2 PGL

128.11

(–) 0.500%

121.50

EXISITNG GROUND AT ℄ CONST. IWBCD2

121.54

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

IWBCD2 (1) PROFILE

SHEET NO. 141

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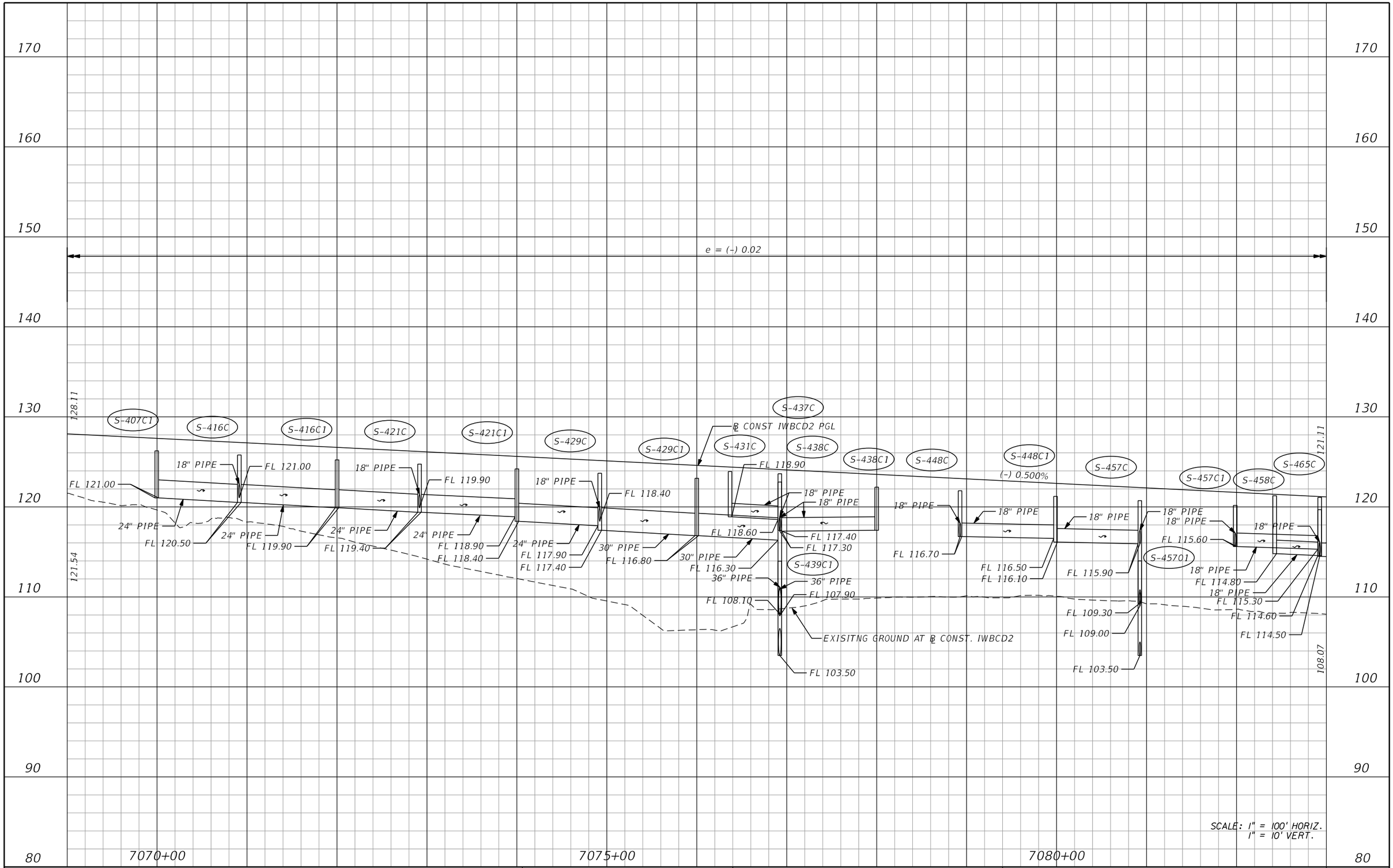

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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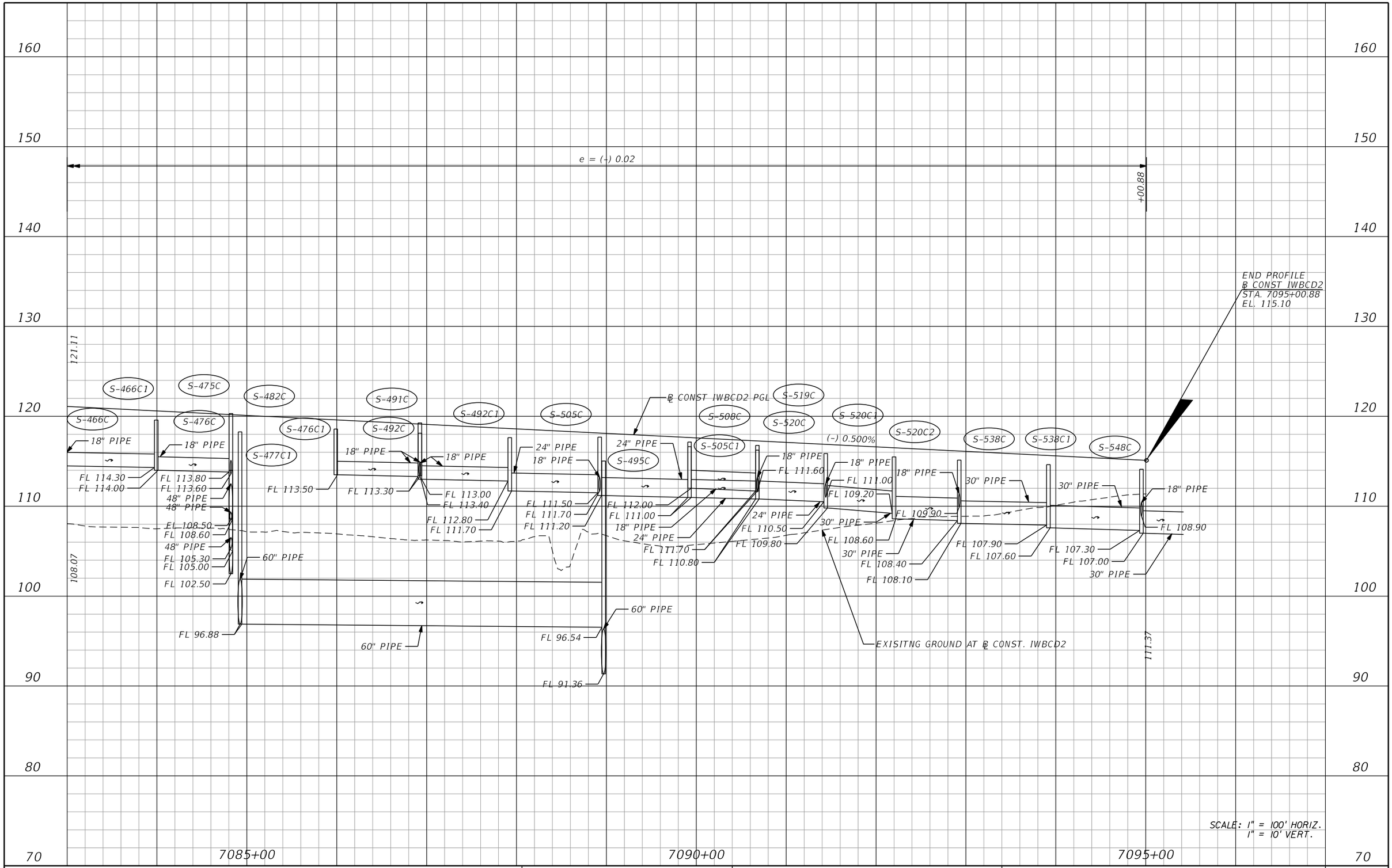
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

IWBCD2 (2) PROFILE

SHEET NO. 142



SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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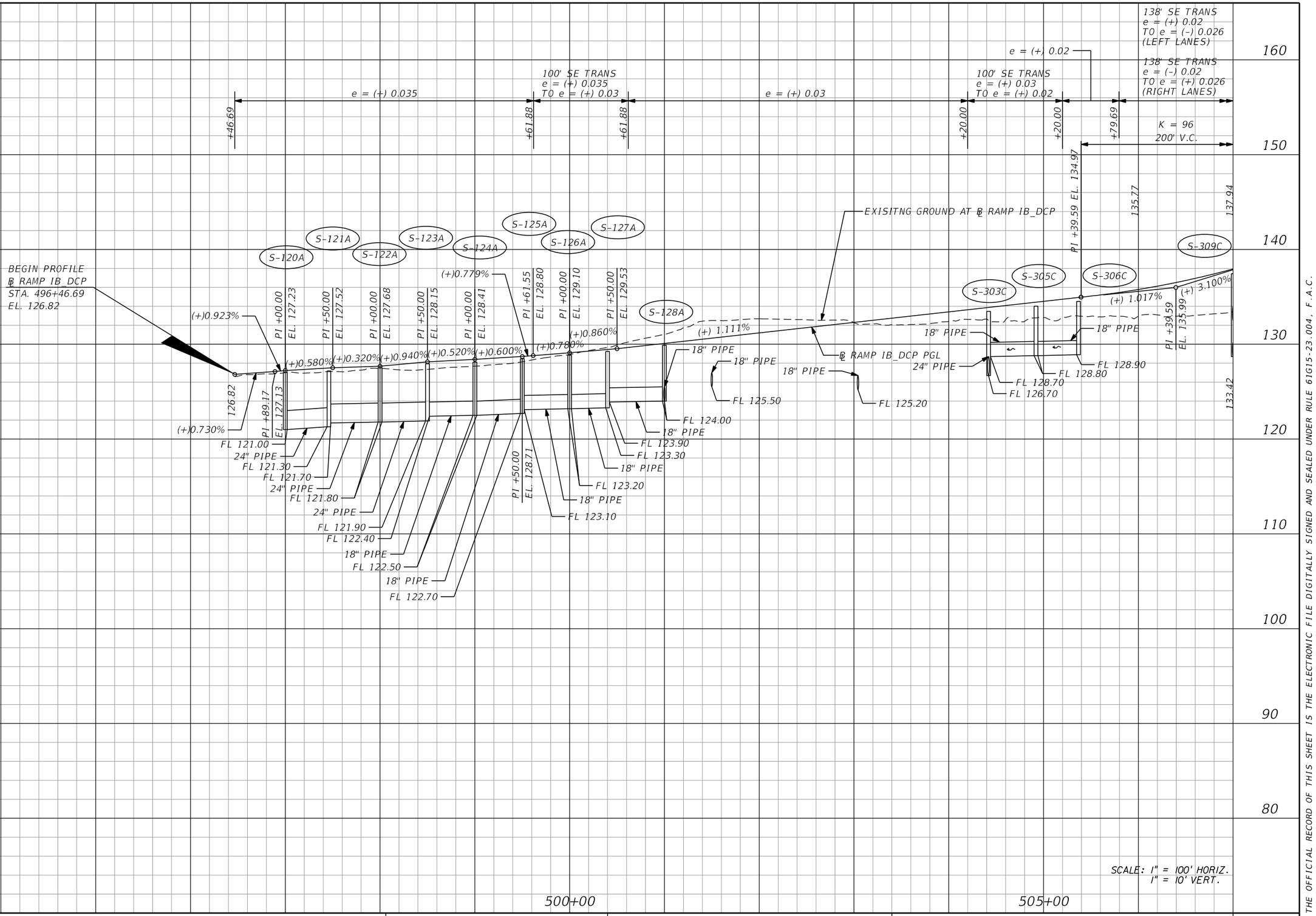
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

IWBCD2 (3)
PROFILE

SHEET NO. 143



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IB_DCP (1)
PROFILE

SHEET NO. 144

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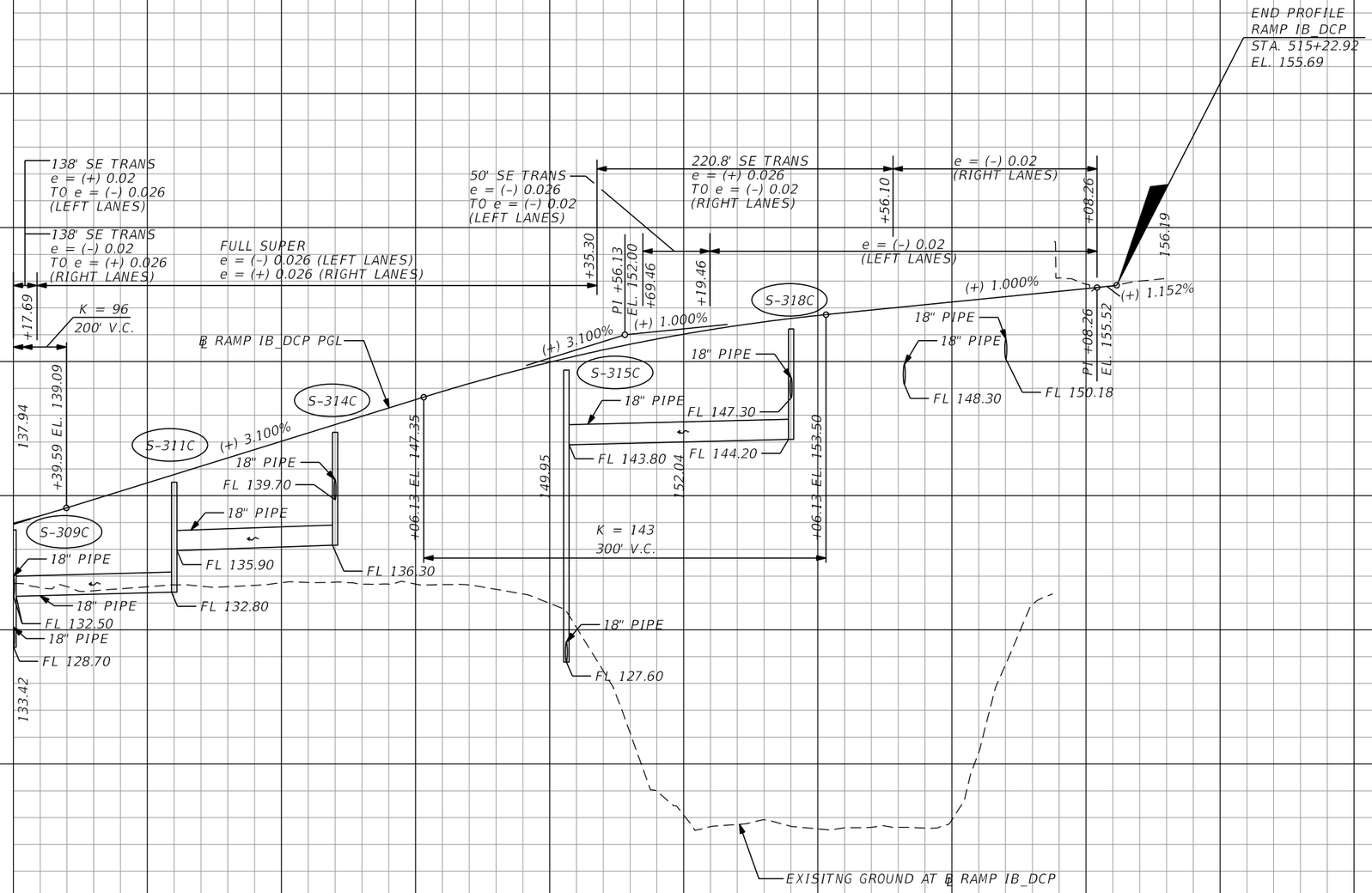

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IB_DCP (2) PROFILE

SHEET NO. 145

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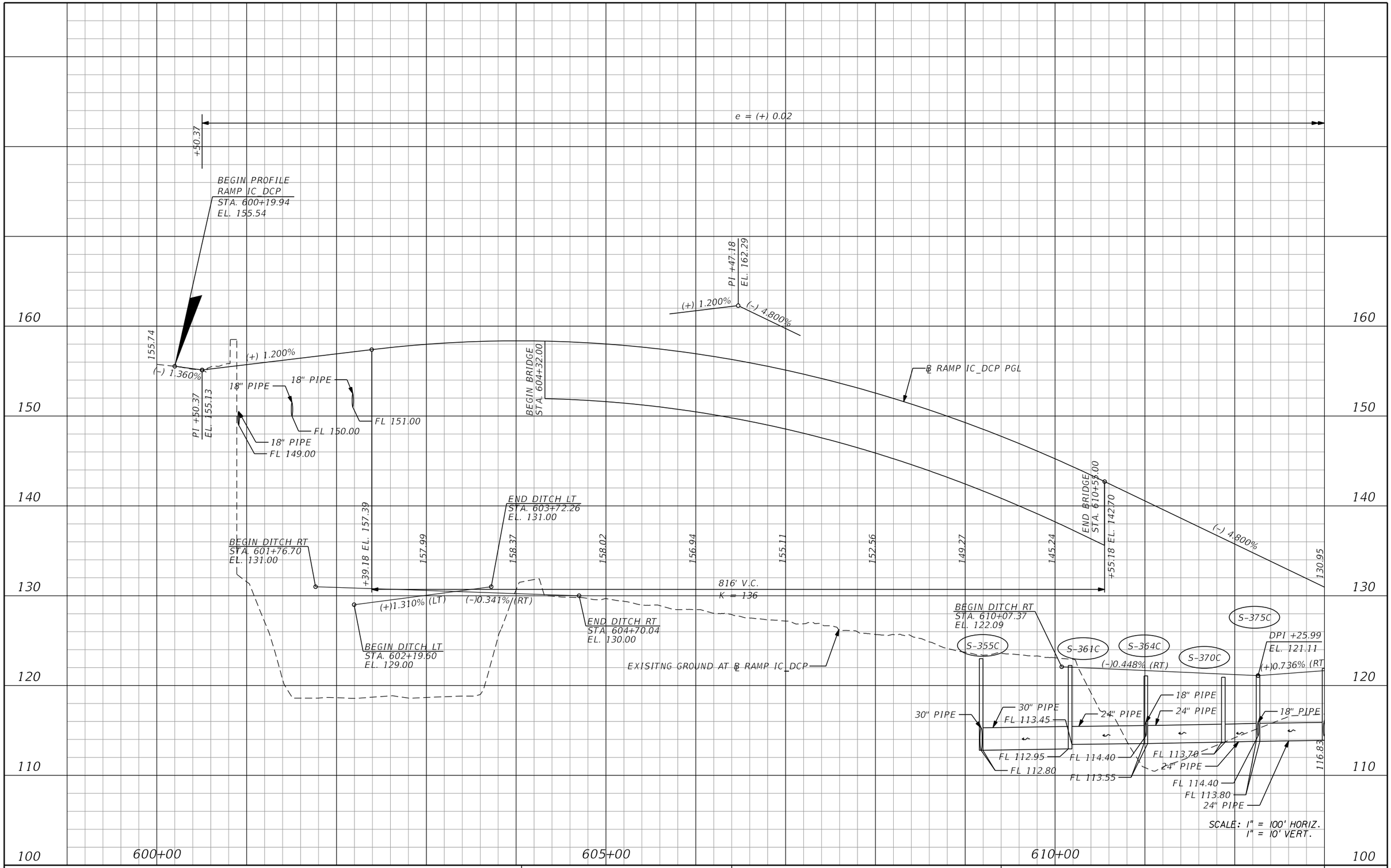

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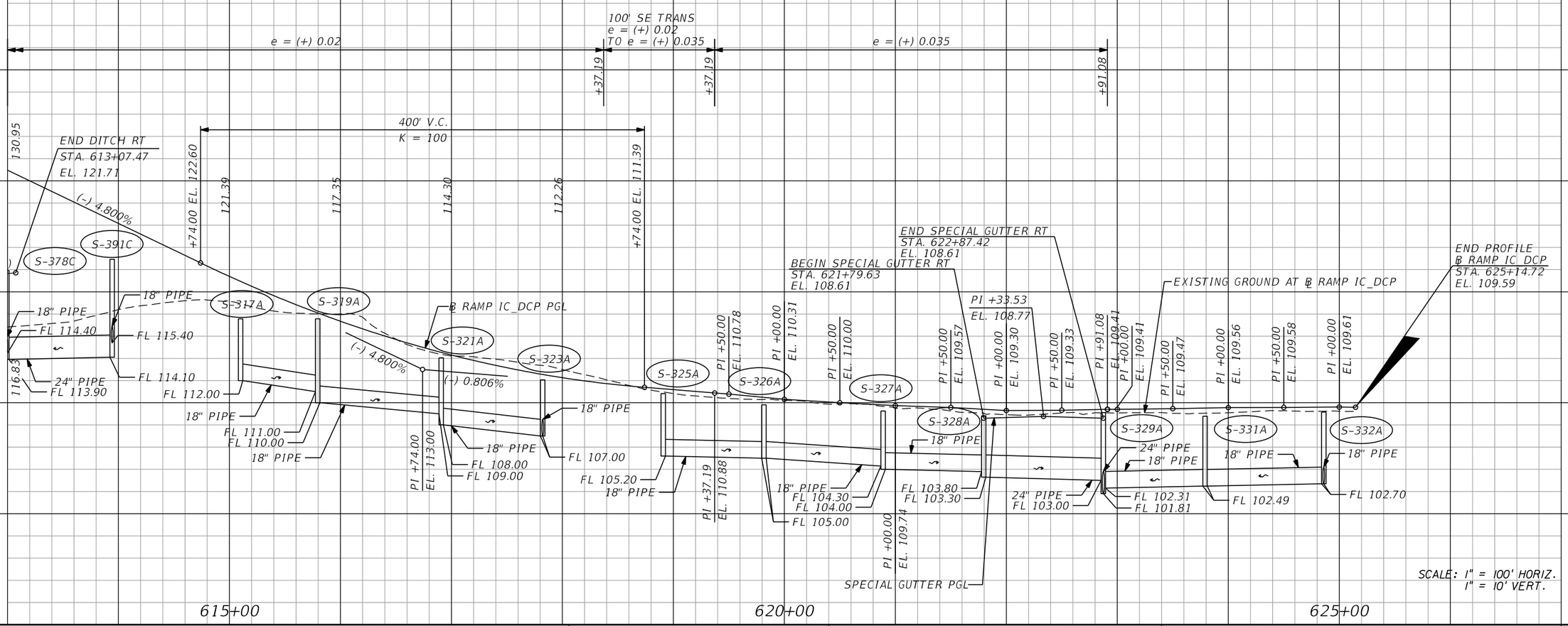
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IC DCP (1) PROFILE

SHEET NO. 146



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IC DCP (2)
PROFILE

SHEET NO. 147

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 +24.28
EL. 155.32

156.16

(-) 2.000%

(-) 2.660%

PI +07.98
EL. 153.73

℄ RAMP D_DCP PGL

18" PIPE

FL 146.30

(-) 2.473%

18" PIPE

FL 138.00

2-48" PIPE

FL 115.80

EXISITNG GROUND AT ℄ RAMP D_DCP

e = (-) 0.02
(LEFT LANE)

100' SE TRANS
e = (-) 0.02
TO e = (-) 0.03
(LEFT LANE)

+11.41
+51.41
+51.41

e = (-) 0.02
(LEFT AND RIGHT LANES)

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)

18" PIPE
18" PIPE
FL 134.70
FL 132.00
18" PIPE
FL 125.80
FL 127.00
FL 126.80

S-283C
S-286C
S-284C
S-287C
18" PIPE
FL 129.40
FL 129.30
18" PIPE
FL 127.20

S-289C
S-288C
18" PIPE
FL 127.30

210' V.C.
K = 98

+10.00 EL. 131.42

(-) 2.473%

(-) 0.323%

FL 124.00
18" PIPE
FL 123.40
FL 121.30
FL 120.30
FL 120.20
30" PIPE
FL 120.10
30" PIPE
FL 120.00
30" PIPE
FL 119.50
FL 112.90
FL 112.70
FL 110.50

PI +15.00
EL. 128.83

129.61

128.57

+20.00 EL. 128.49

S-368C
S-372C
S-373C1
S-373C
S-373C2
S-384C
S-385C
S-386C1

PI +78.25
EL. 128.30

PI +00.00
EL. 128.23

123.17

42" PIPE
42" PIPE
42" PIPE

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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SR 400	ORANGE	441113-1-52-01

RAMP D DCP (1) PROFILE

SHEET NO. 148

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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)

126.89

℄ RAMP D_DCP PGL

END PROFILE
℄ RAMP D DCP
STA. 717+26.89
EL. 126.52

PI +00.00
EL. 128.23

S-389C

PI +50.00
EL. 128.09

S-385C1

PI +00.00
EL. 127.92

PI +50.00
EL. 127.75

S-399C

PI +00.00
EL. 127.55

S-399C1

PI +50.00
EL. 127.35

S-407C

PI +00.00
EL. 127.14

PI +50.00
EL. 126.90

S-407C1

PI +00.00
EL. 126.66

18" PIPE
18" PIPE
18" PIPE
PI +17.46
EL. 127.48

EXISITNG GROUND AT ℄ RAMP D_DCP

FL 123.30
30" PIPE
42" PIPE
42" PIPE
42" PIPE
54" PIPE
FL 112.90
54" PIPE
FL 112.70
FL 110.50
123.17
FL 106.60

FL 123.10
18" PIPE
S-393C
FL 122.50

18" PIPE
FL 122.10

24" PIPE
FL 121.60

24" PIPE
FL 121.00
119.37

54" PIPE
FL 106.50

715+00

SCALE: 1" = 100' HORIZ.
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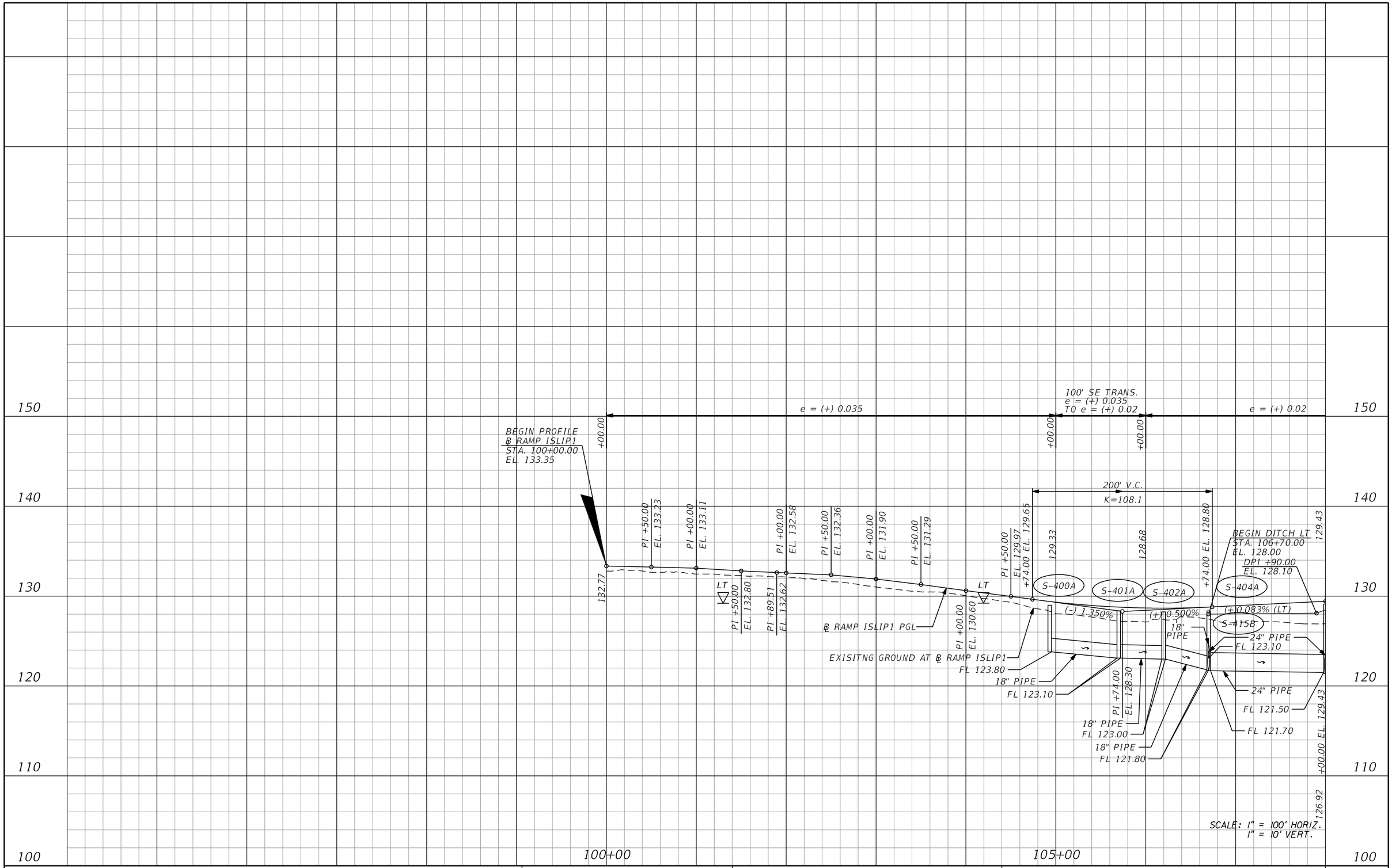
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP D DCP (2)
PROFILE

SHEET NO. 149



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP ISLIP1 (1) PROFILE

SHEET NO. 150

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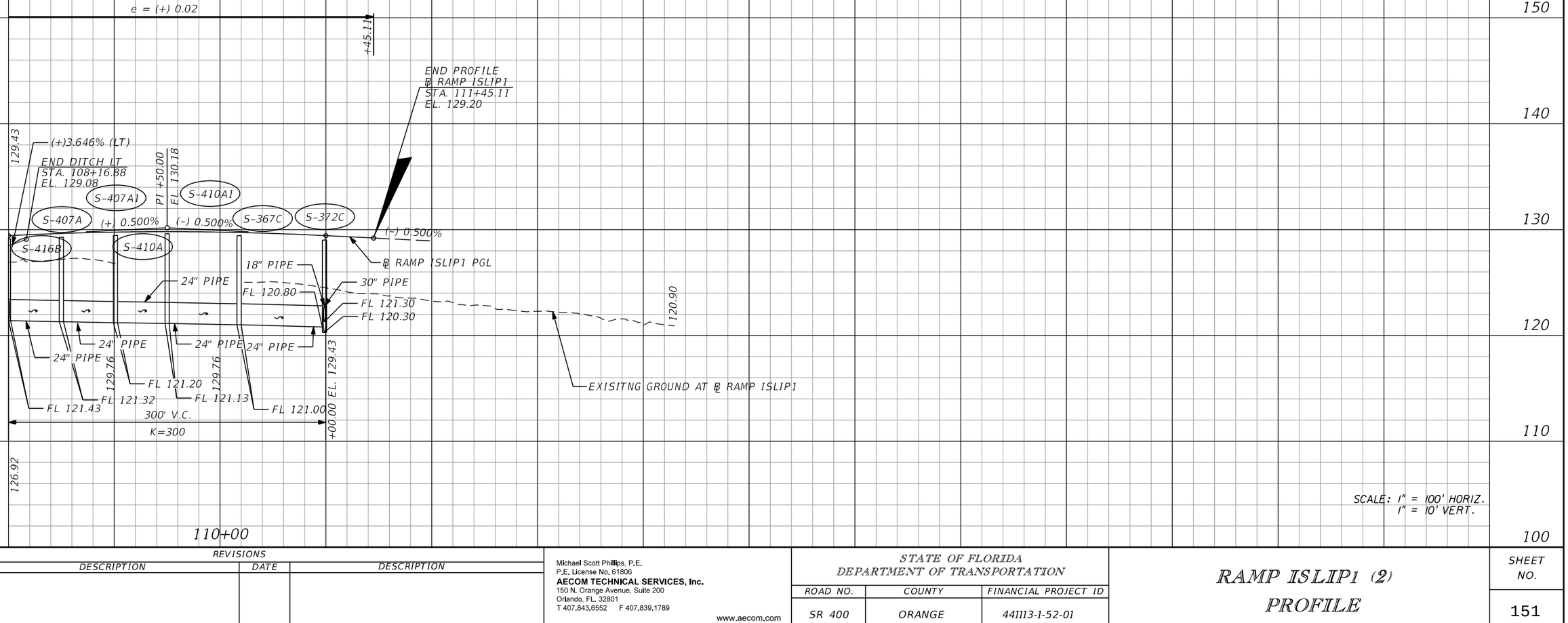
robert.martini 5/7/2020 4:25:51 PM c:\pwworking\aecom_na\rmartini\d0166329\PROFRD_ISLIP1_DCP01.dgn



SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
P.E. License No. 61806
AECOM TECHNICAL SERVICES, Inc.
150 N. Orange Avenue, Suite 200
Orlando, FL. 32801
T 407.843.6552 F 407.839.1789
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP ISLIP1 (2)
PROFILE

SHEET NO. 151

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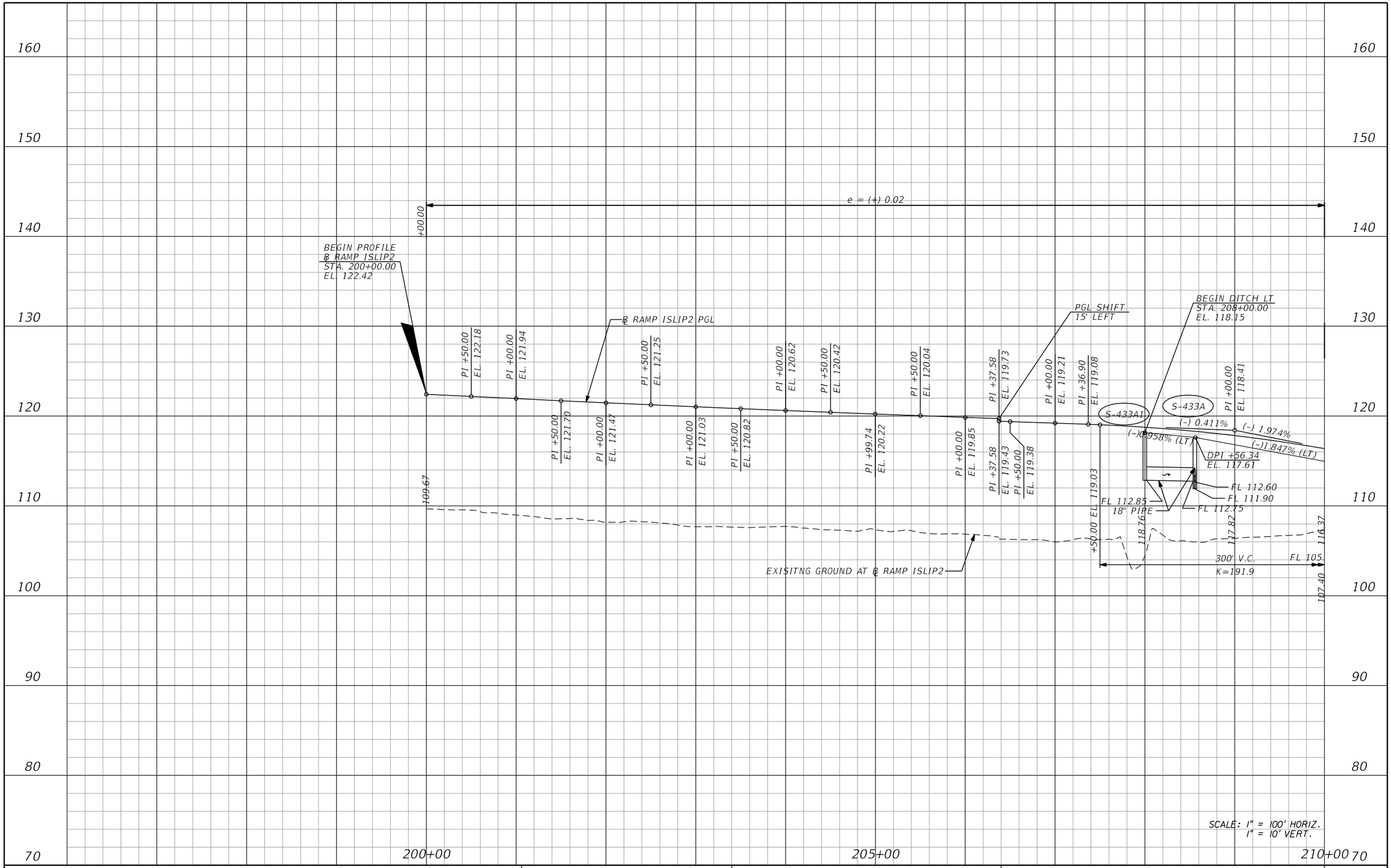

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP ISLIP2 (1) PROFILE

SHEET NO. 152

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160
150
140
130
120
110
100
90
80
70

e = (+) 0.02

100' SE TRANS.
e = (+) 0.02
TO e = (+) 0.035

e = (+) 0.035

+00.00

+00.00

+60.78

200' V.C.
K=96

S-438A

DPI +57.60
EL. 110.20

(-)1.847% (LT)

(-) 1.974%

(-) 1.974%

(+) 0.109%

(-)1.308% (LT)

(-)1.038% (LT)

(+)0.092% (LT)

(+)0.094% (LT)

(+)0.079% (LT)

S-443A

S-446A

S-447A

S-448A

24" PIPE

30" PIPE

30" PIPE

24" PIPE

FL 105.00

FL 102.00

FL 101.70

FL 101.20

FL 100.90

FL 100.60

+50.00 EL. 115.45

116.37

107.40

+76.00 EL. 110.99

110.54

109.34

+76.00 EL. 109.12

107.80

DPI +65.41
EL. 108.79

P.I. +76.00
EL. 109.01

DPI +60.80
EL. 107.80

P.I. +44.81
EL. 109.15

P.I. +00.00
EL. 109.26

P.I. +50.00
EL. 109.26

P.I. +00.00
EL. 109.28

DPI +67.35
EL. 107.90

P.I. +50.00
EL. 109.48

P.I. +00.00
EL. 109.64

DPI +68.31
EL. 107.99

P.I. +50.00
EL. 109.78

P.I. +00.00
EL. 109.91

P.I. +18.30
EL. 109.93

P.I. +50.00
EL. 110.02

109.64

℄ RAMP ISLIP2 PGL

℄ RAMP ISLIP2
STA. 218+60.78
EL. 110.06

END DITCH LT
STA. 218+58.36
EL. 108.14

EXISITNG GROUND AT ℄ RAMP ISLIP2

210+00

215+00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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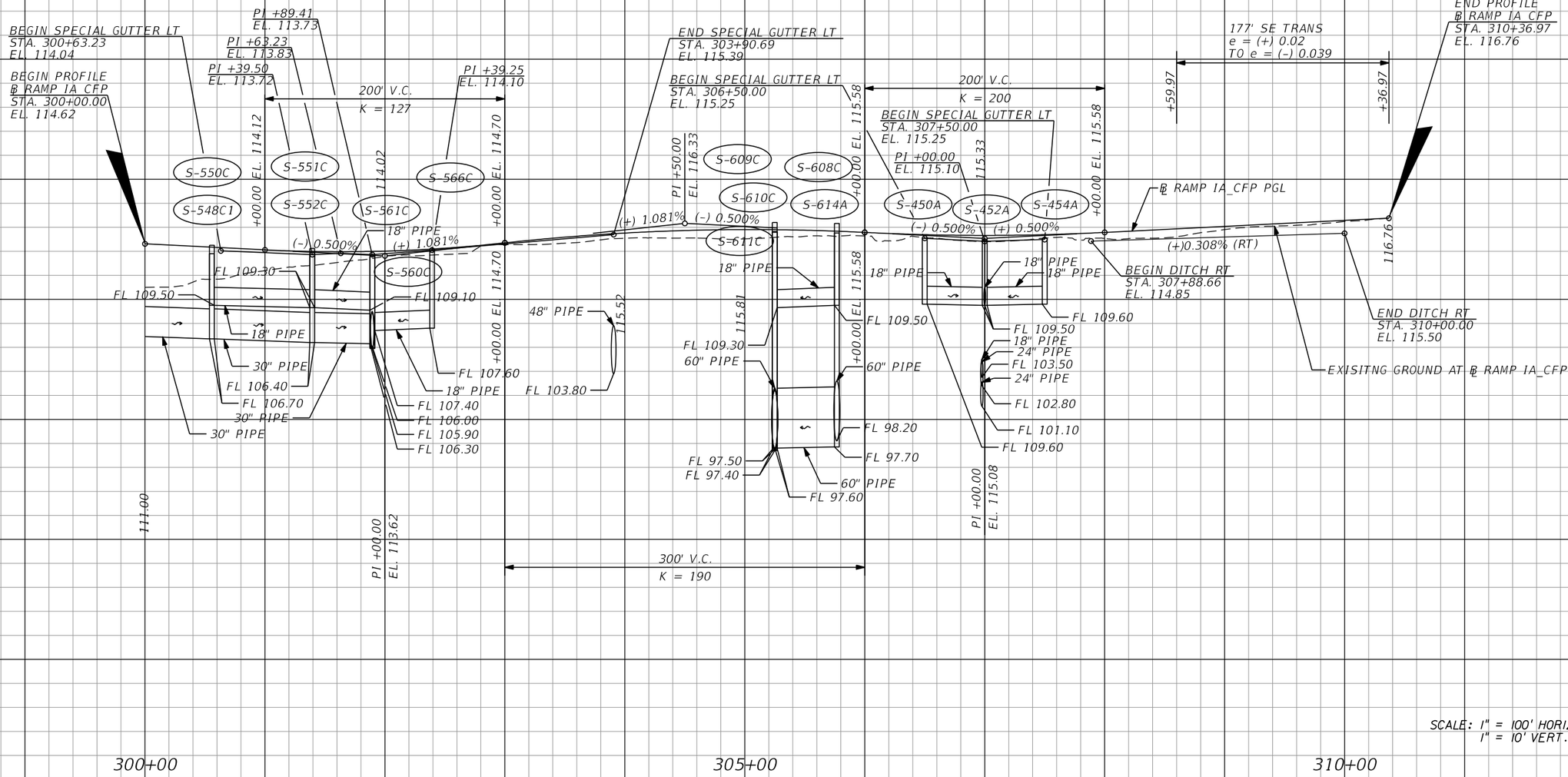
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP ISLIP2 (2) PROFILE

SHEET NO. 153



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IA_CFP (1)
PROFILE

SHEET NO. 154

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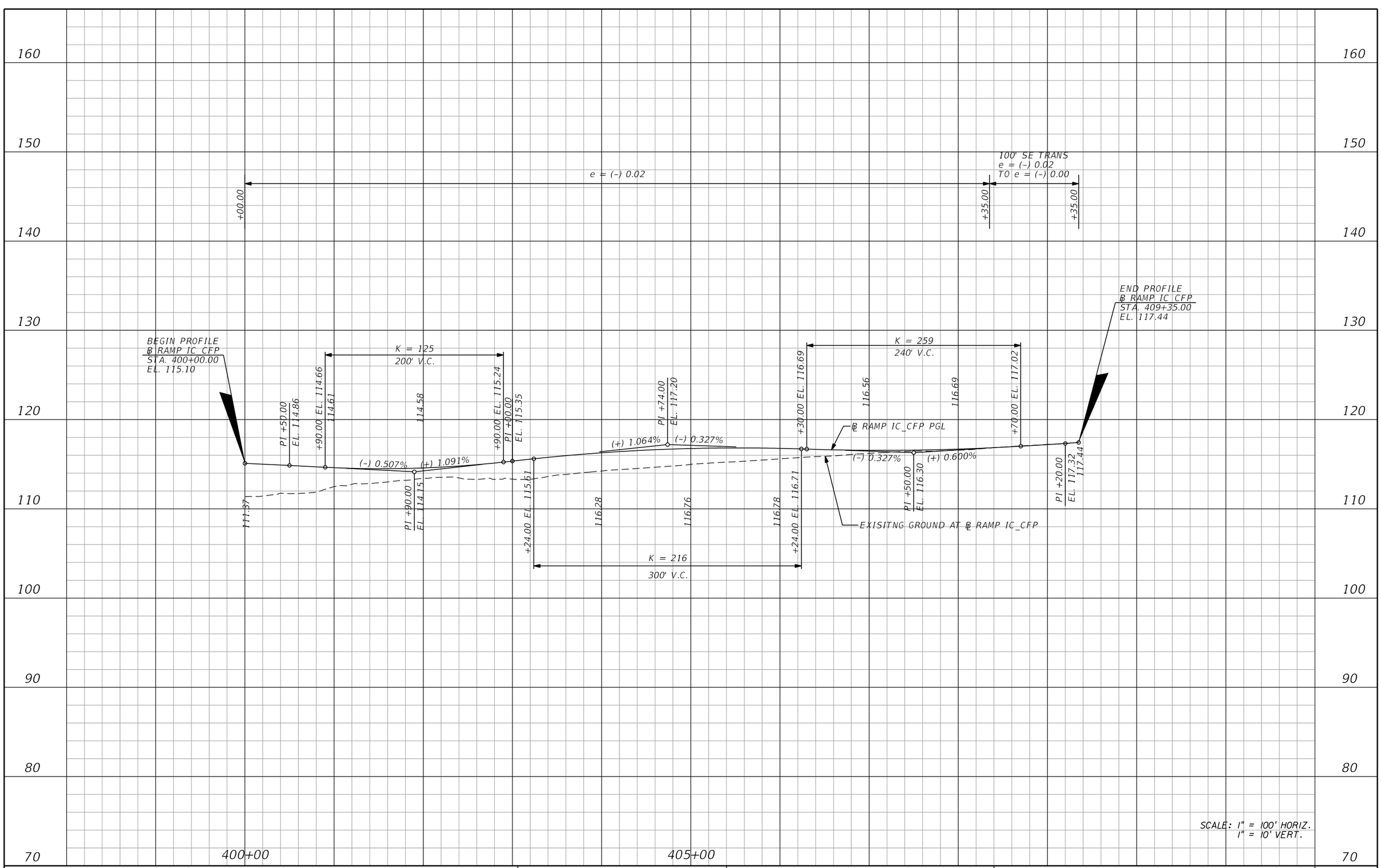

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IC CFP (1)
PROFILE

SHEET NO. 155

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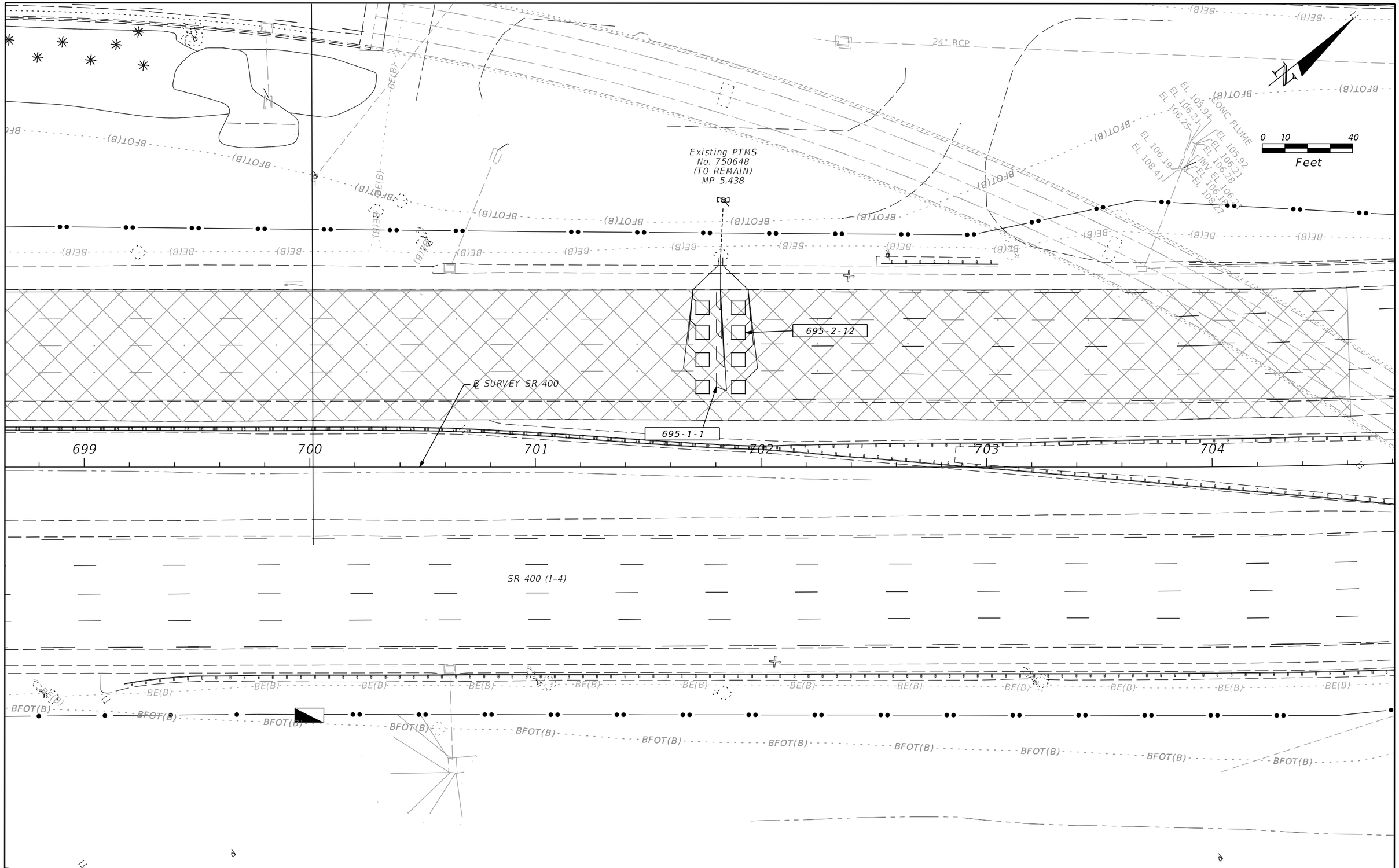

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

SUSANNE S. WILLIAMS, P.E.
P.E. NO.: 49486
TRAFFIC ENGINEERING DATA SOLUTIONS, INC.
80 SPRING VISTA DRIVE
DEBARY, FL 32713

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TRAFFIC MONITORING SITE
PTMS 750648

SHEET NO. 156

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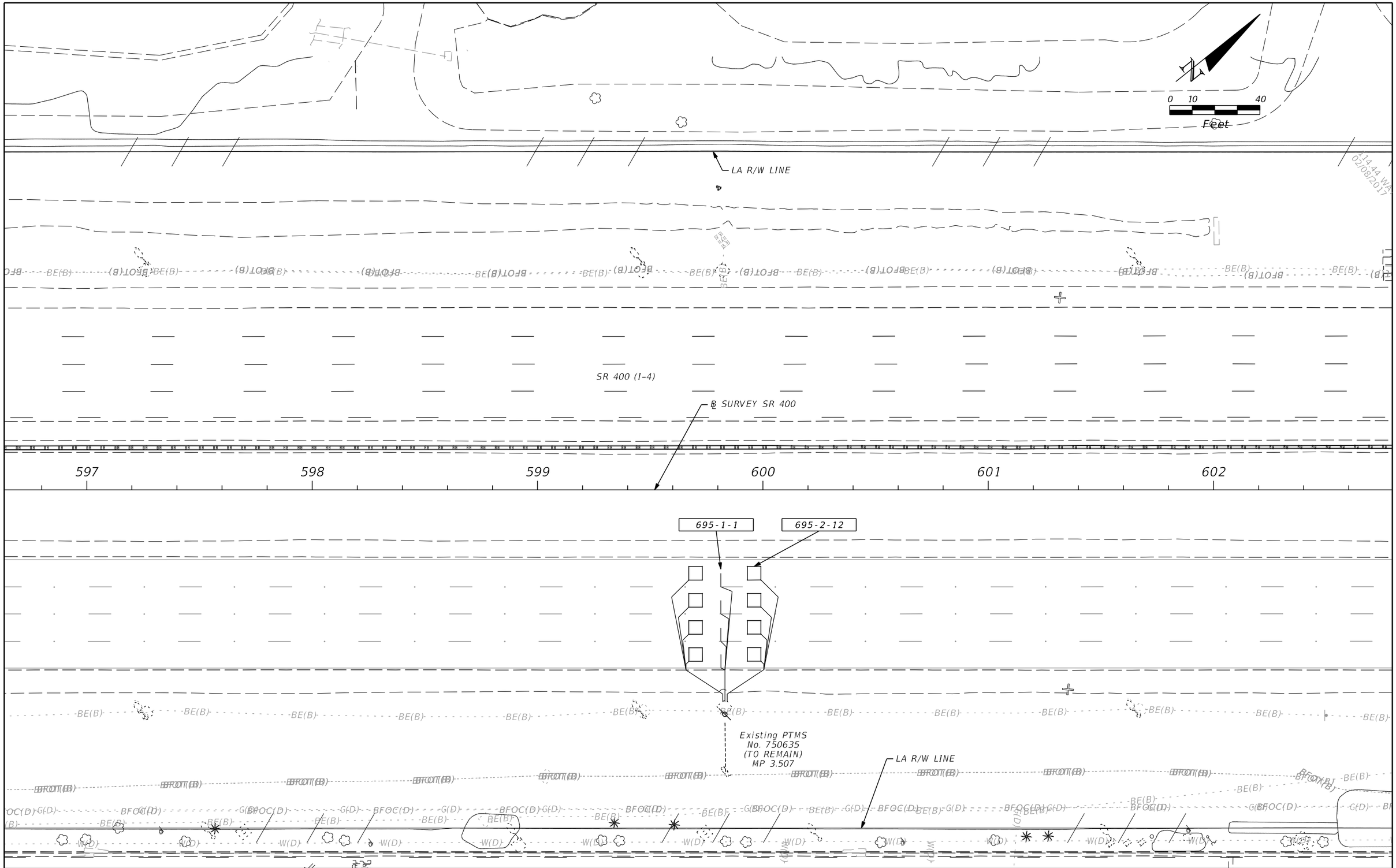
glen.dvorovy 5/6/2020 4:46:14 PM c:\pwworking\aecom_na\glen.dvorovy\d0164830\PLANSG07.dgn



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DATE	DESCRIPTION	DATE	DESCRIPTION

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80 SPRING VISTA DRIVE
DEBARY, FL 32713

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TRAFFIC MONITORING SITE
PTMS 750635

SHEET NO.
157

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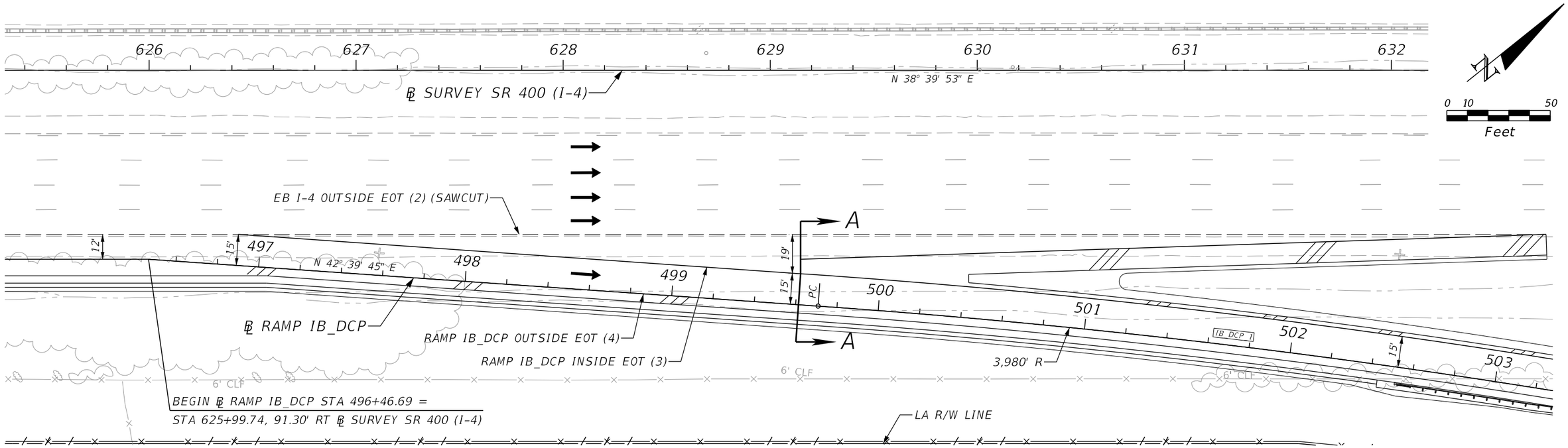
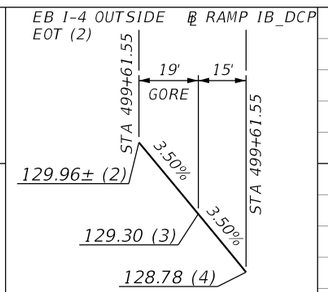
glen.dvorovy 5/6/2020 4:46:22 PM c:\pwworking\aecom_na\glen.dvorovy\d0164830\PLANSG08.dgn





SECTION A-A

LEGEND

(2) = ELEVATION FOR EB I-4 OUTSIDE EOT

(3) = ELEVATION FOR RAMP IB DCP INSIDE EOT

(4) = ELEVATION FOR RAMP IB DCP OUTSIDE EOT

SCALE:
1" = 50' HORIZ
1" = 2' VERT

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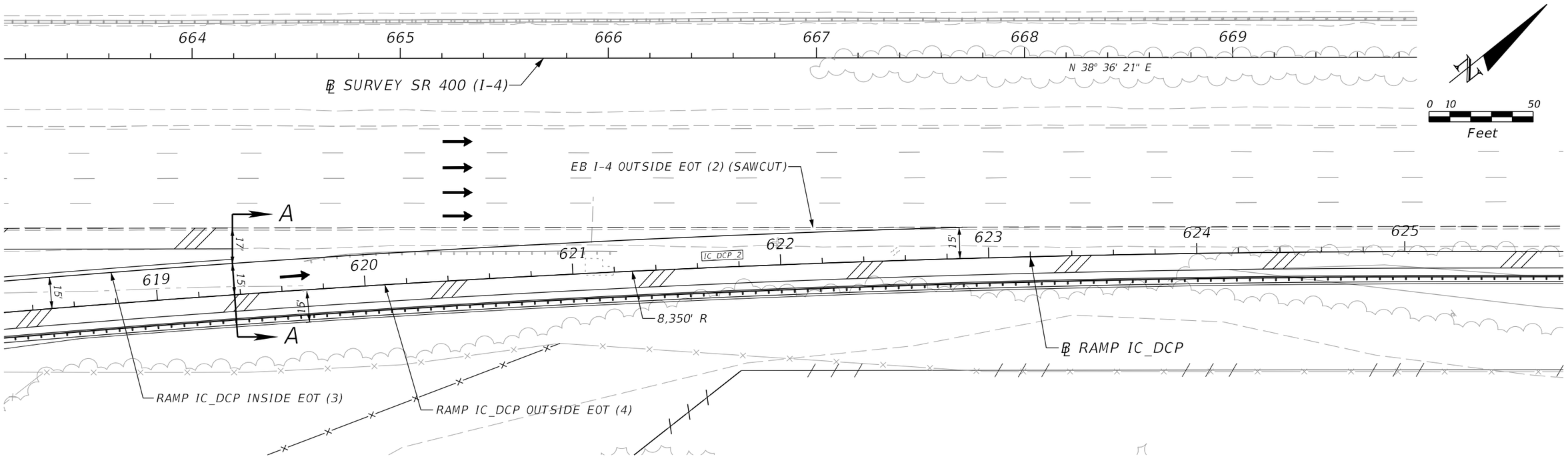
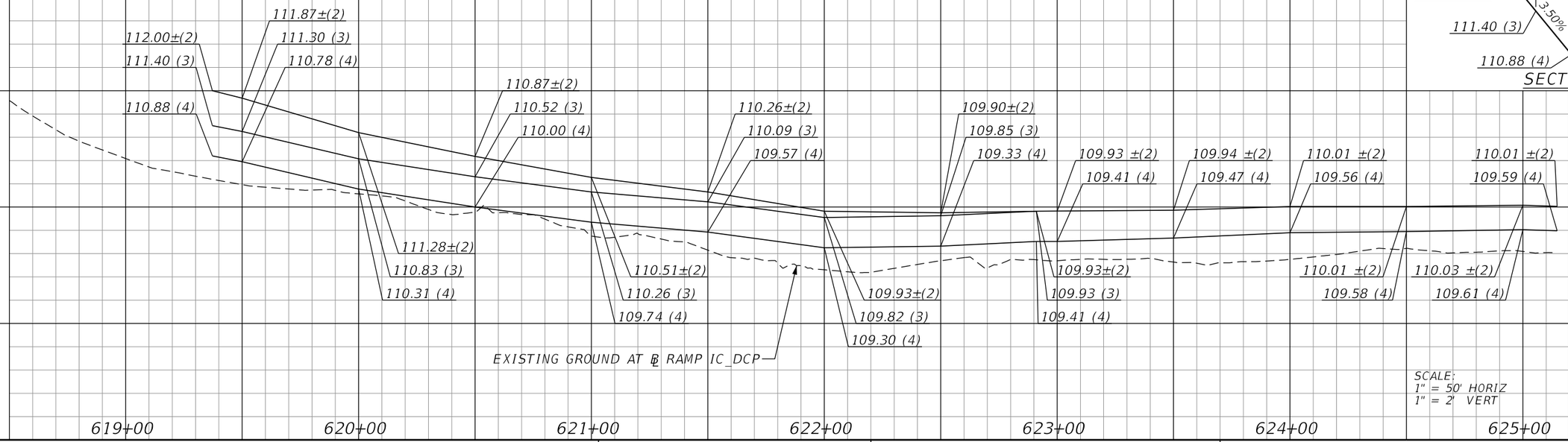
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP TERMINAL DETAIL
EB I-4 & RAMP IB DCP

SHEET NO. 158



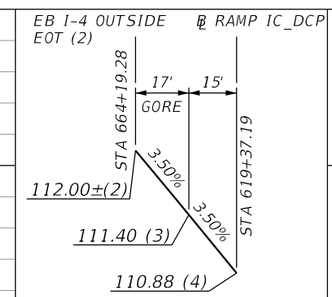


LEGEND

(2) = ELEVATION FOR EB I-4 OUTSIDE EOT

(3) = ELEVATION FOR RAMP IC DCP INSIDE EOT

(4) = ELEVATION FOR RAMP IC DCP OUTSIDE EOT



SECTION A-A

SCALE:
1" = 50' HORIZ
1" = 2' VERT

REVISIONS

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP TERMINAL DETAIL
EB I-4 & RAMP IC DCP

SHEET NO. 159

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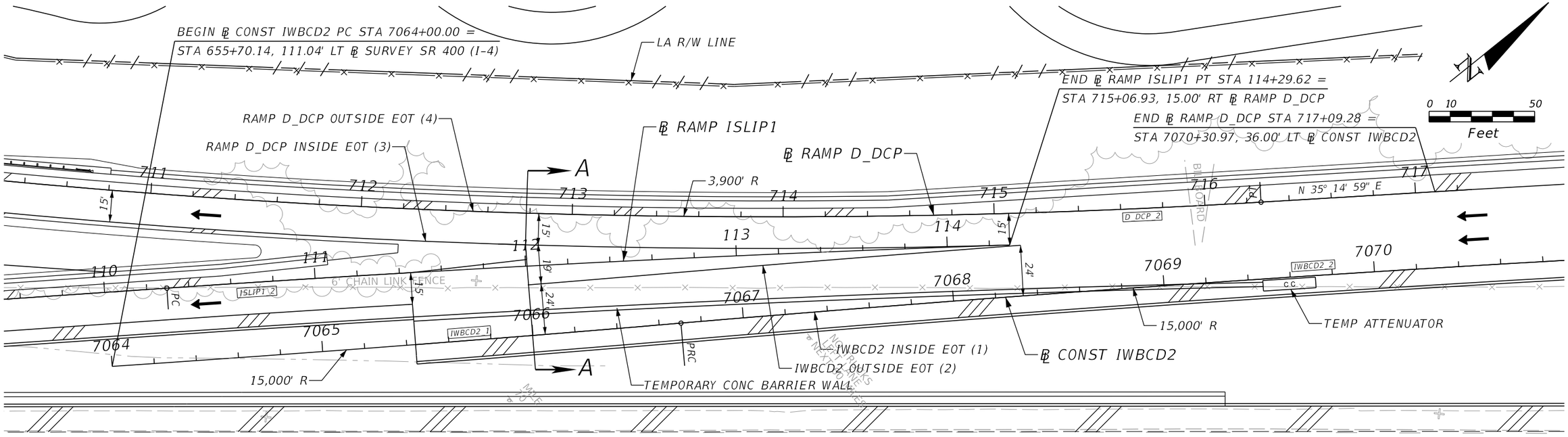
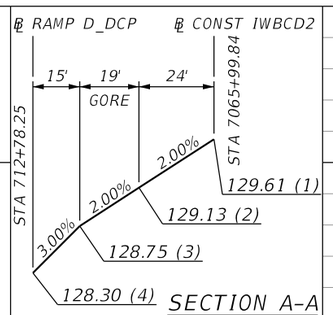
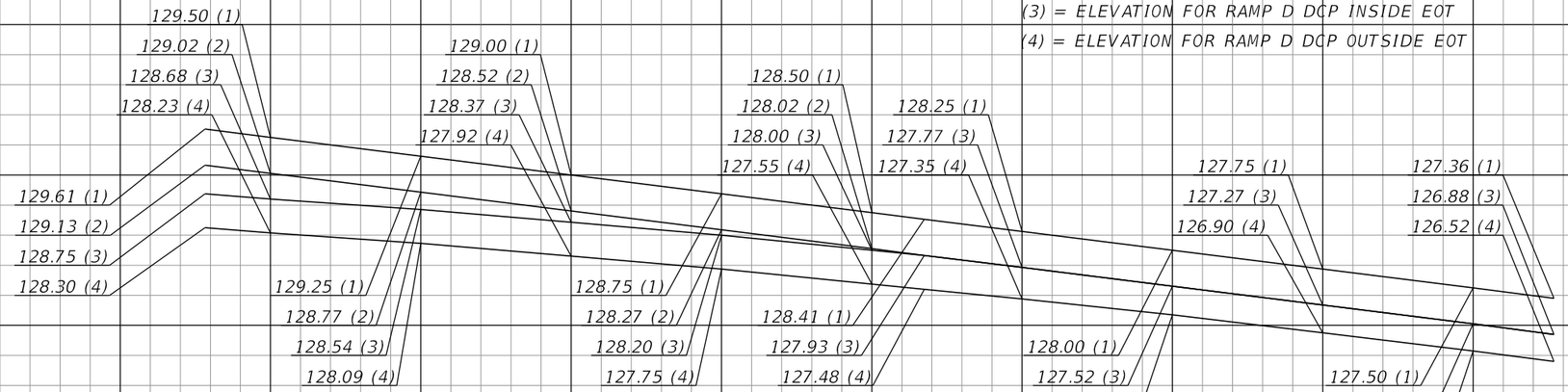




SECTION A-A



EXISTING GROUND AT ℄ RAMP D_DCP

131
129
127
125

711+00 712+00 713+00 714+00 715+00 716+00 717+00

LEGEND

(1) = ELEVATION FOR IWBCD2 INSIDE EOT
(2) = ELEVATION FOR IWBCD2 OUTSIDE EOT
(3) = ELEVATION FOR RAMP D DCP INSIDE EOT
(4) = ELEVATION FOR RAMP D DCP OUTSIDE EOT

SCALE:
1" = 50' HORIZ
1" = 2' VERT

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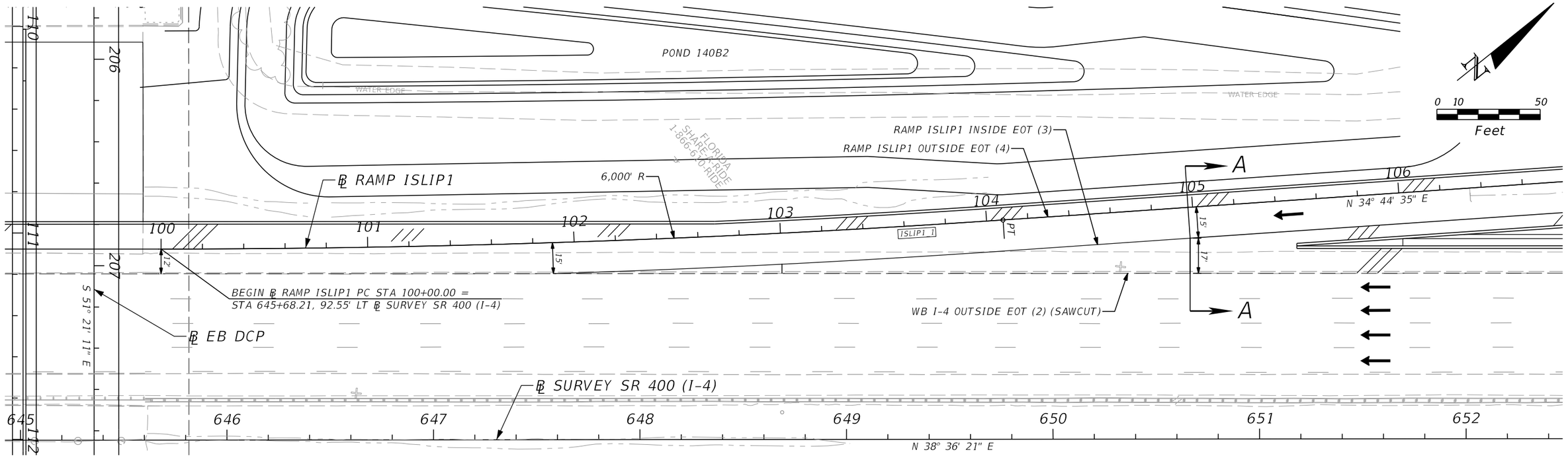
SR 400	ORANGE	441113-1-52-01

RAMP TERMINAL DETAIL IWBCD2 & RAMP D DCP

SHEET NO. 160

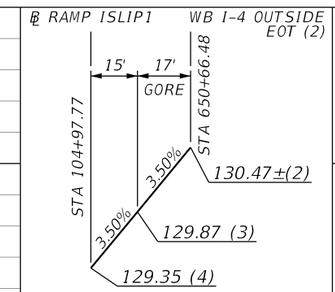


LEGEND

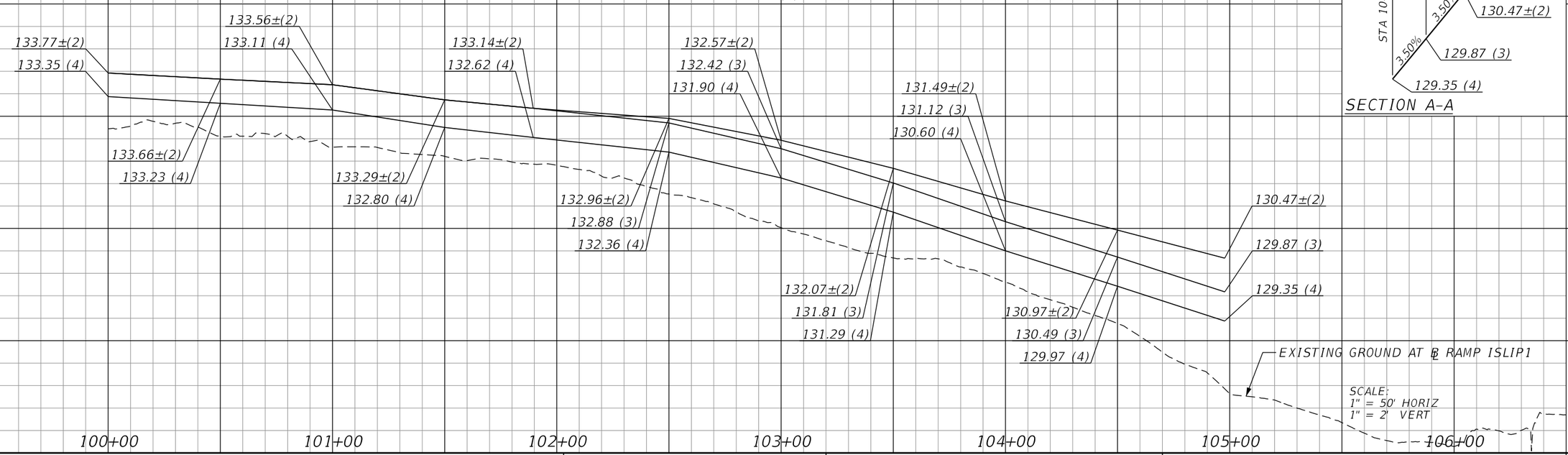
(2) = ELEVATION FOR WB I-4 OUTSIDE EOT

(3) = ELEVATION FOR RAMP ISLIP1 INSIDE EOT

(4) = ELEVATION FOR RAMP ISLIP1 OUTSIDE EOT



SECTION A-A



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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP TERMINAL DETAIL
WB I-4 & RAMP ISLIP1

SHEET NO. 161

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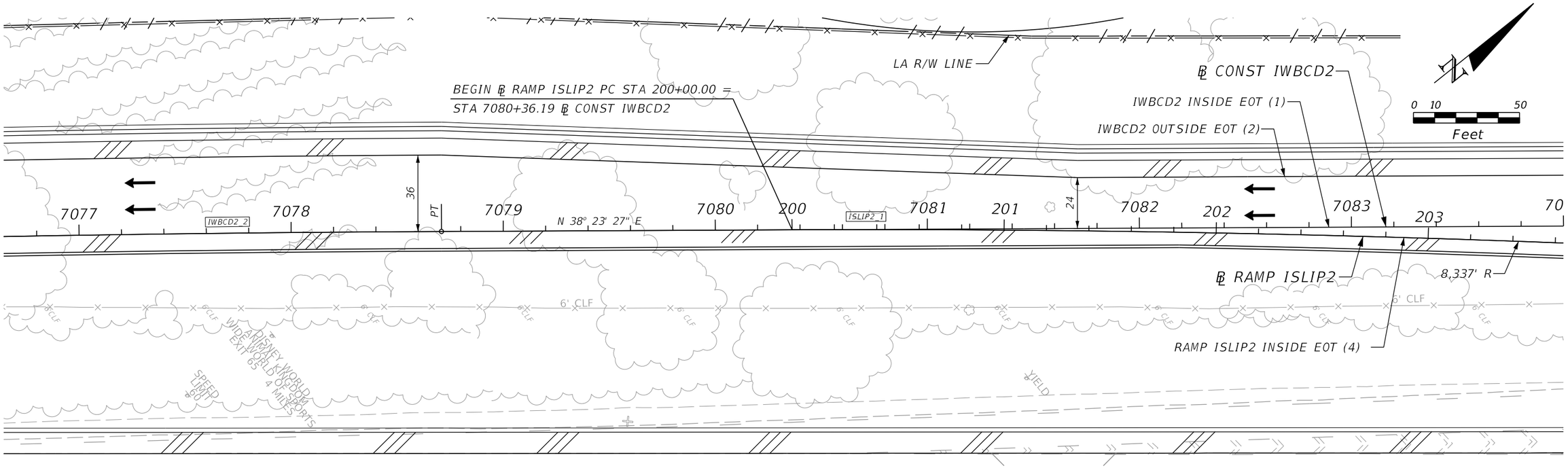

LEGEND

(1) = ELEVATION FOR IWBCD2 INSIDE EOT

(2) = ELEVATION FOR IWBCD2 OUTSIDE EOT

(3) = ELEVATION FOR RAMP ISLIP2 OUTSIDE EOT

(4) = ELEVATION FOR RAMP ISLIP2 INSIDE EOT

124 122 120 118

122.42 (4)
122.42 (1)
121.84 (2)
122.18 (4)
122.17 (1)
121.63 (2)
121.94 (4)
121.92 (1)
121.42 (2)
121.70 (4)
121.68 (1)
121.20 (2)
121.47 (4)
121.43 (1)
120.95 (2)
121.25 (4)
121.18 (1)
120.70 (2)
121.03 (4)
120.93 (1)
120.45 (2)
120.82 (4)
120.68 (1)
120.20 (2)

200+00 201+00 202+00 203+00

SCALE:
1" = 50' HORIZ
1" = 2' VERT

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SR 400	ORANGE	441113-1-52-01

RAMP TERMINAL DETAIL IWBCD2 & RAMP ISLIP2 (1)

SHEET NO. 162

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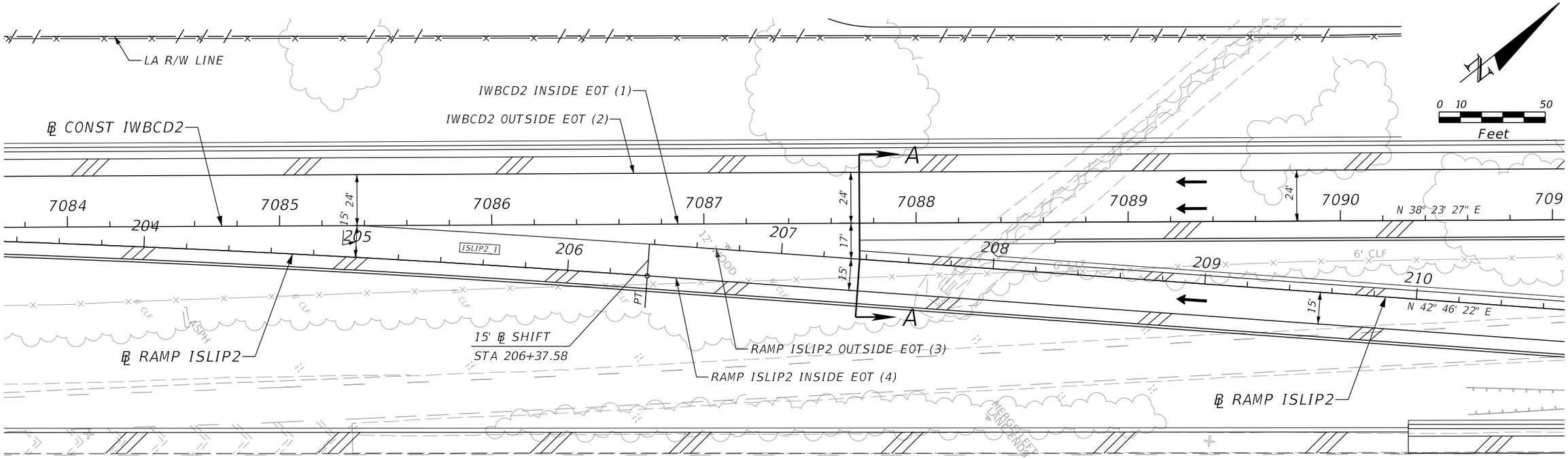
glen.dvorovy 5/6/2020 4:46:52 PM c:\pwworking\aecom_na\glen.dvorovy\d0164870\INTDRD08_ISLIP2_01.DGN



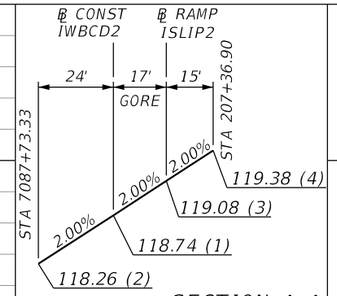
LEGEND

(1) = ELEVATION FOR IWBCD2 INSIDE EOT

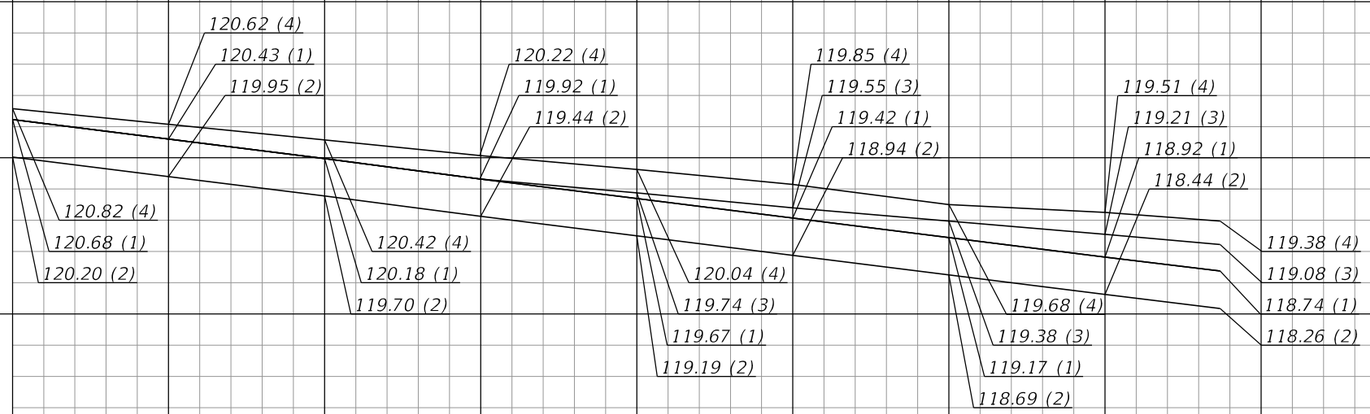
(2) = ELEVATION FOR IWBCD2 OUTSIDE EOT

(3) = ELEVATION FOR RAMP ISLIP2 OUTSIDE EOT

(4) = ELEVATION FOR RAMP ISLIP2 INSIDE EOT



SECTION A-A



124 122 120 118

204+00 205+00 206+00 207+00 208+00 209+00 210+00

SCALE:
1" = 50' HORIZ
1" = 2' VERT

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RAMP TERMINAL DETAIL IWBCD2 & RAMP ISLIP2 (2)

SHEET NO. 163

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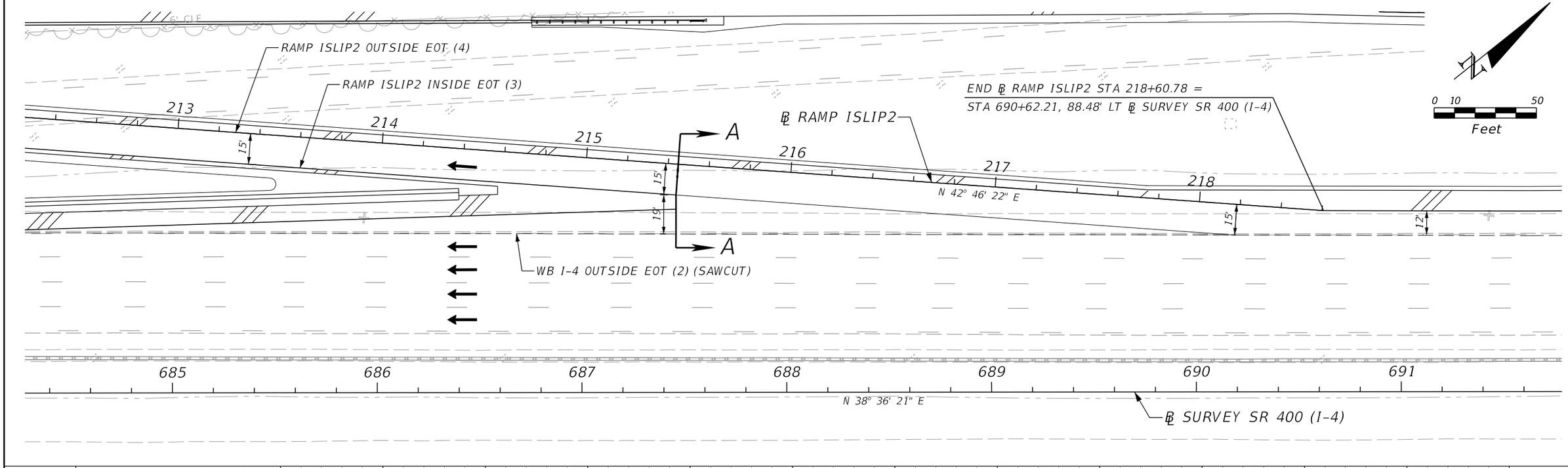
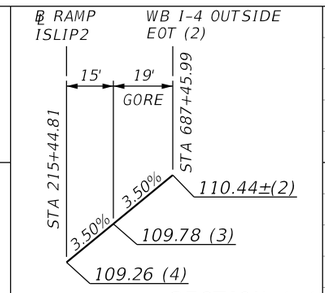
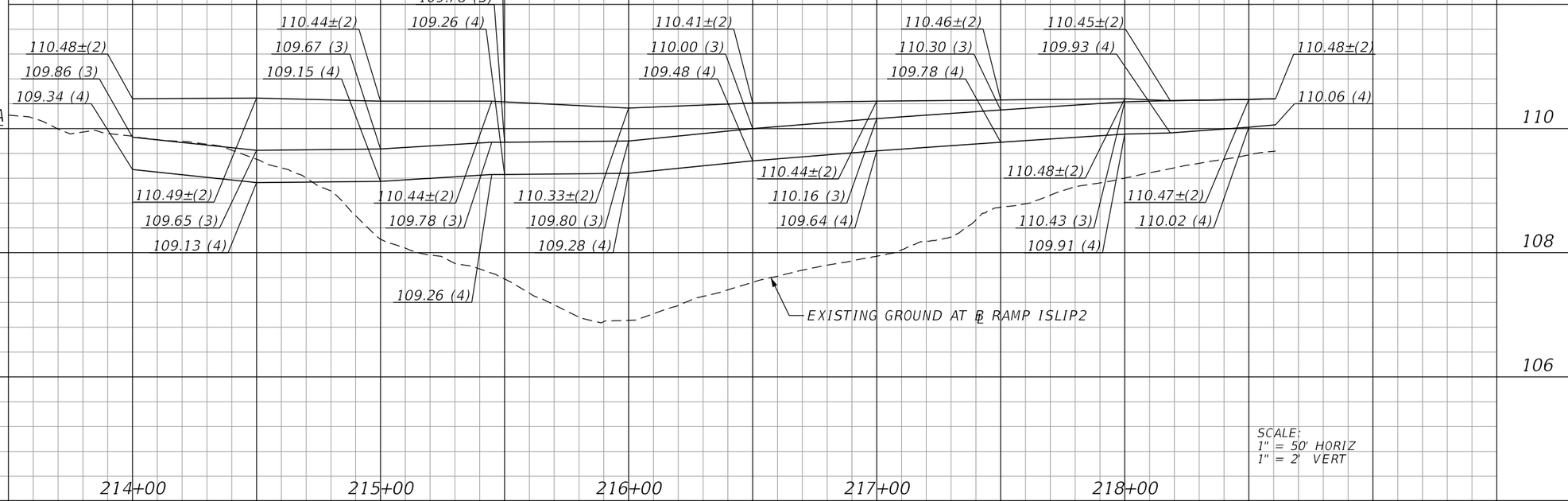




SECTION A-A



LEGEND

(2) = ELEVATION FOR WB I-4 OUTSIDE EOT

(3) = ELEVATION FOR RAMP ISLIP2 INSIDE EOT

(4) = ELEVATION FOR RAMP ISLIP2 OUTSIDE EOT

SCALE:
1" = 50' HORIZ
1" = 2' VERT

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP TERMINAL DETAIL
WB I-4 & RAMP ISLIP2

SHEET NO. 164

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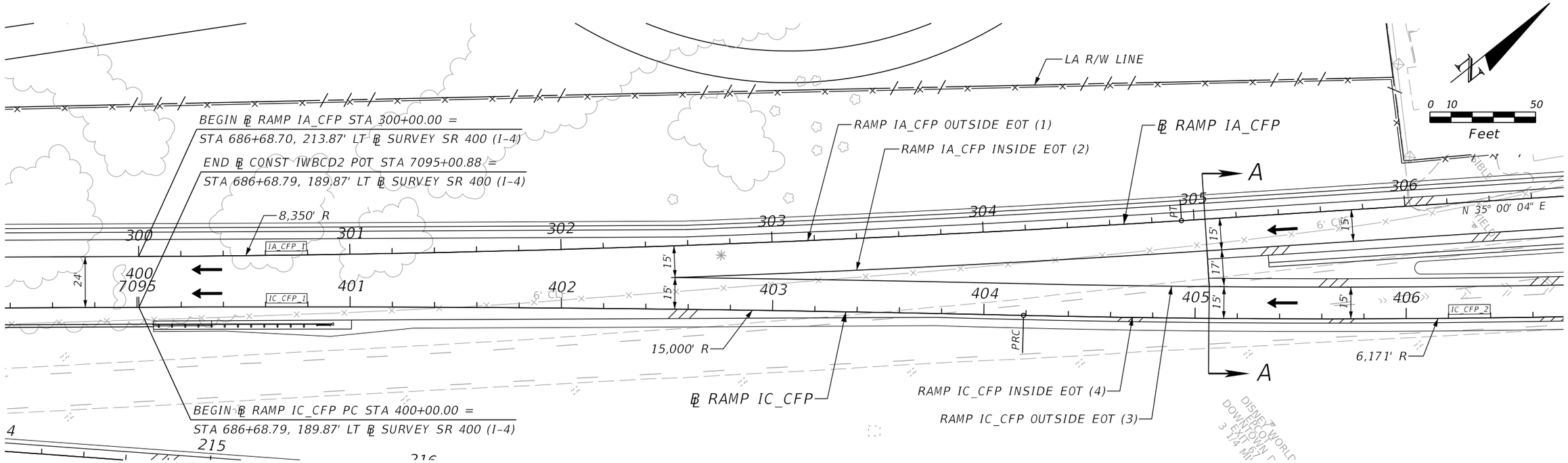
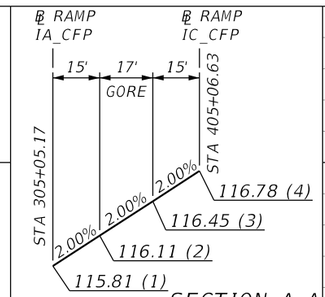
glen.dvorovy 5/6/2020 4:47:03 PM c:\pwworking\aecom_na\glen.dvorovy\d0164870\INTDRD10_ISLIP2_03.DGN





SECTION A-A

LEGEND

(1) = ELEVATION FOR RAMP IA_CFP OUTSIDE EOT
(2) = ELEVATION FOR RAMP IA_CFP INSIDE EOT
(3) = ELEVATION FOR RAMP IC_CFP OUTSIDE EOT
(4) = ELEVATION FOR RAMP IC_CFP INSIDE EOT

SCALE:
1" = 50' HORIZ
1" = 2' VERT

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP TERMINAL DETAIL
RAMP IA CFP & RAMP IC CFP

SHEET NO. 165

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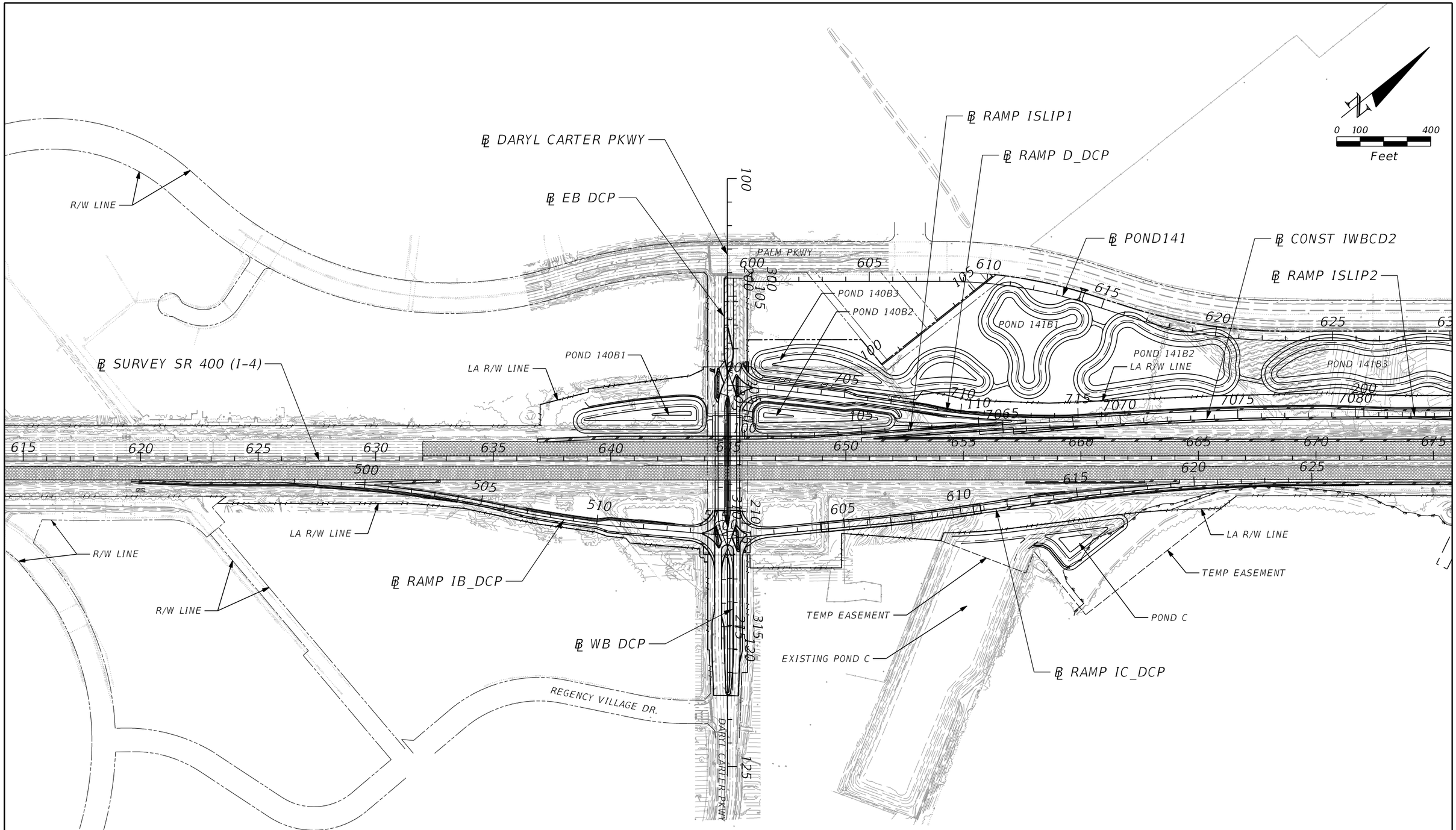

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

INTERCHANGE LAYOUT (1)

SHEET NO. 166

glen.dvorovy 5/6/2020 4:47:18 PM c:\pwworking\aecom_na\glen.dvorovy\d0164870\INTDRD01.DGN

ISLAND SIDEWALK LOCATION TABLE			
Point	Station	Offset	Side
1	203+82.81	41.58	RT
2	203+87.05	35.73	RT
3	203+89.66	45.27	RT
4	203+89.02	46.08	RT
5	305+22.20	2.00	RT
6	305+21.75	9.72	RT
7	305+14.24	3.07	RT
8	305+14.26	2.00	RT
9	304+03.22	40.46	LT
10	304+07.46	47.37	LT
11	304+09.80	46.41	LT
12	304+09.82	37.76	LT
13	205+08.93	2.00	LT
14	205+00.46	2.00	LT
15	204+99.92	3.53	LT
16	205+05.70	10.53	LT

0 10 40
Feet

℄ EB DCP
℄ WB DCP
℄ DARYL CARTER PKWY
LA R/W LINE
PC 203+15.90
0.00' RT
PC 303+10.29
0.00' LT
BEGIN C & G TYPE F
STA 203+71.95, 49.56' RT
203+74.87
38.91' RT
C & G TYPE E
203+67.20
69.23' RT
MATCH EXIST
8' CONC S/W
203+73.23
71.49' RT
MATCH EXIST
BEGIN C & G TYPE F
STA 203+86.69, 55.47' RT
203+76.39
31.25' RT
4' R
EBCDP 1
WBCDP 1
C & G TYPE F
303+65.43
43.85' LT
EL 152.14
PT 303+87.95
0.00' RT
303+94.70
0.00' RT
50' R
203+94.26
0.22' LT
228' R
203+95.99
32.00' RT
4' R
303+71.87
51.47' LT
EL 152.48
120' R
204+25.82
32.54' LT
EL 153.93
204+24.04
25.67' LT
204+00.92
59.40' RT
204+04.86
62.00' RT
96' R
R 10'
304+52.13
1.03' RT
304+54.80
0.00' LT
PC 304+77.59
0.00' LT
S 29° 06' 21" E
S 71° 06' 21" E
42°
32
700
4' R
SWK CURB
C & G TYPE F
204+51.42
1.03' LT
204+54.09
0.00' LT
132' R
701+05.19
2.85' LT
EL 153.72
701
702
10' PAVED SHLDR
702+56.04
30.00' LT
℄ RAMP D_DCP
48'
PC 204+69.33
0.00' LT
110' R
8' CONC S/W
701+12.82
35.33' RT
EL 154.76
701+05.28
4.83' RT
EL 153.77
170' R
701+73.86
24.00' RT
EL 151.62
RETAINING WALL 6
WBCDP 2
EBCDP 2
224' R
305+20.04
19.10' RT
305+05.58
31.02' LT
205+05.98
30.48' RT
205+10.35
0.00' LT
80' R
205+13.38
6.53' LT
EL 156.83
701+73.86
30.00' RT
EL 151.32
R 10'
305+24.56
16.65' RT
86' R
305+36.92
7.52' RT
305+35.06
0.00' LT
196' R
205+35.63
29.57' LT
EL 157.16
PT
100' R
701+17.78
43.85' RT
EL 154.42
205+58.39
28.00' RT
SAWCUT
LINE
205+68.50
12.00' LT
EL 158.00±
20' R
305+75.13
28.00' LT
205+66.46
23.91' LT
205+74.93
22.25' LT
EL 158.03
205+43.46
39.46' LT
EL 156.70
PAVED SHLDR WIDTH VARIES
POND 140B2
WATER EDGE
℄ EB DCP
BARRIER
WALL
LANE EDGE
RIGHT
S 51° 21' 11" E
306
206
12'
28'
28'
12'
TRAFFIC
SEPARTOR
POND 140B1
POND 140B3
BEGIN C & G TYPE F
STA 303+46.62
44.07' LT
EL 151.00
303+46.50
52.41' LT
151.74
END C & G TYPE F
STA 303+66.29
58.24' LT
EL 152.19
303+75.79
57.33' LT
EL 152.60
BEGIN C & G TYPE F
STA 303+72.04
67.38' LT
EL 152.25
C & G TYPE F
END C & G TYPE
STA 303+76.18
67.38' LT
701+56.04
34.00' LT
EL 151.46
701+56.04
24.00' LT
EL 152.06
WATER EDGE
110' R
120' R
RETAINING WALL 5
200' R
303
304
305
203
204
108
109
110
111
WATER EDGE

PLAN NOTES:
1) ELEVATIONS ARE TO MATCH EXISTING UNLESS OTHERWISE NOTED
2) BEGIN RAMP PAVT CONSTRUCTION AT SAWCUT LINE ALONG DCP

LEGEND
4" SIDEWALK
6" SIDEWALK
DETECTABLE WARNING DEVICE

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REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

INTERSECTION LAYOUT
RAMP D DCP & DCP

SHEET NO. 167

PLAN NOTES:
1) ELEVATIONS ARE TO MATCH EXISTING UNLESS OTHERWISE NOTED
2) BEGIN AND END RAMP PAVEMENT CONSTRUCTION AT SAWCUT LINE ALONG DCP

ISLAND SIDEWALK LOCATION TABLE			
Point	Station	Offset	Side
1	310+66.04	15.26	RT
2	310+74.08	15.45	RT
3	310+74.36	16.31	RT
4	310+69.00	23.72	RT
5	211+69.51	39.67	RT
6	211+64.79	46.17	RT
7	211+64.00	45.69	RT
8	211+64.11	36.42	RT
9	210+68.79	2.00	LT
10	210+79.52	17.89	LT
11	210+84.48	11.36	LT
12	210+78.51	2.00	LT
13	311+87.82	42.24	LT
14	311+83.23	34.72	LT
15	311+80.63	44.18	LT
16	311+81.45	45.27	LT

LEGEND
- 4" SIDEWALK
- 6" SIDEWALK
- DETECTABLE WARNING DEVICE

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

INTERSECTION LAYOUT
RAMPS IB_DCP/IC_DCP & DCP

SHEET NO. 168

℄ SURVEY SR 400 (I-4)

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

120 115 110 105 100 95 90

LA R/W
Exist. Fence
FOT
BE

1:6
EL. 105.07
1:6

S-102A
STA. 571+00.00 (101.95' RT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 040)
ELEV. 105.29 (EOS)
FL 100.22 AH
FL 100.22 BK

TO
S-103A
18" PIPE
BE
FL 100.22
18" PIPE
FROM
S-101A

1:4
EL. 102.86
1:4

Exist. Fence
LA R/W
FOT
G
BE
FOC
W
FOC

R/W
R/W

STA. 571+00.00
S-102A

LA R/W
Exist. Fence
FOT
BE

1:6
EL. 105.21
1:6

S-101A
STA. 570+00.00 (101.95' RT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 040)
ELEV. 105.41 (EOS)
FL 100.50 AH

TO
S-102A
18" PIPE
BE
FL 100.50

1:4
EL. 103.38
1:4

Exist. Fence
LA R/W
FOT
G
BE
FOC
W

R/W

STA. 570+00.00
S-101A

℄ SURVEY SR 400 (I-4)

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

120 115 110 105 100 95 90

1" = 40' Horizontal
1" = 10' Vertical

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 169

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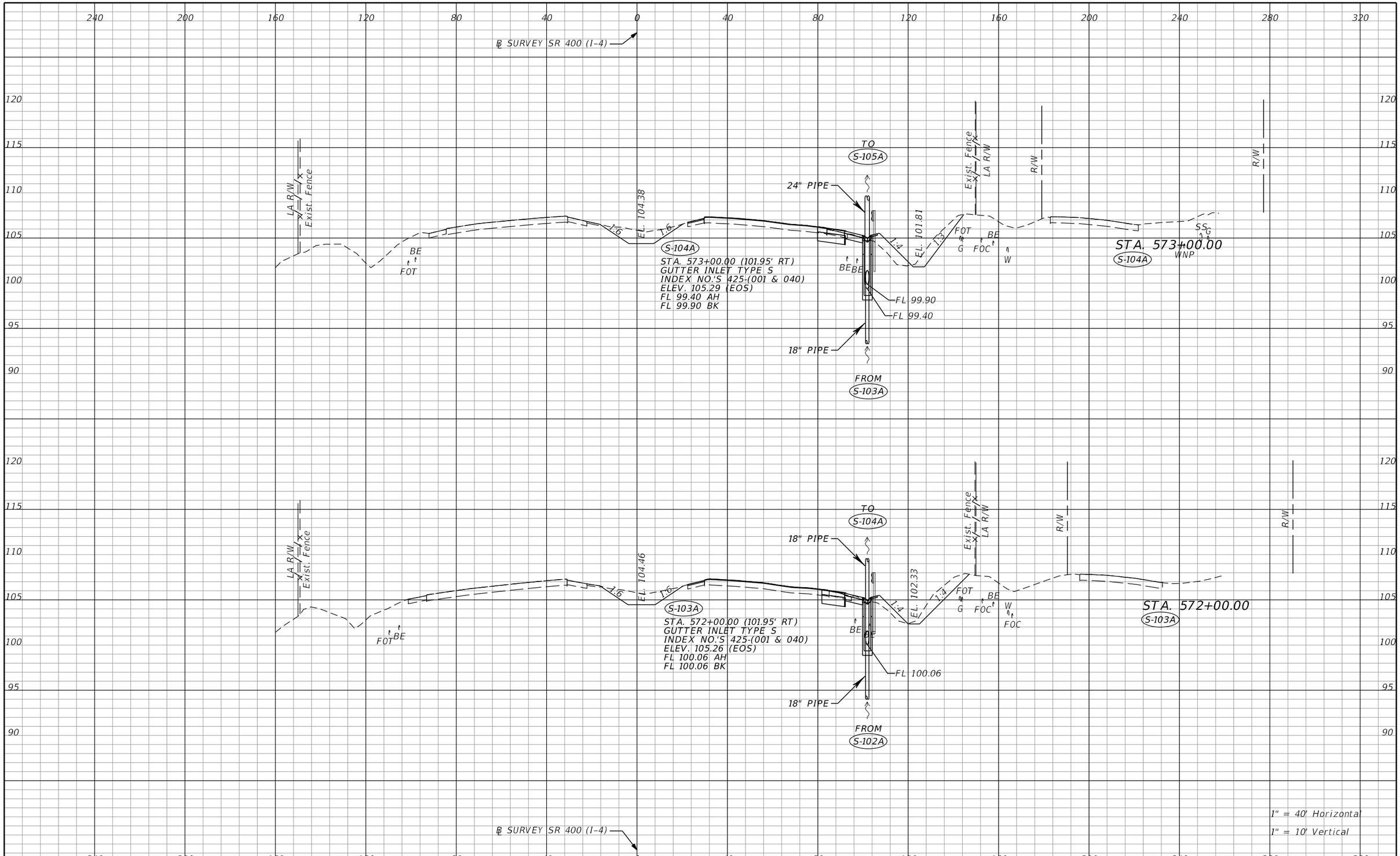

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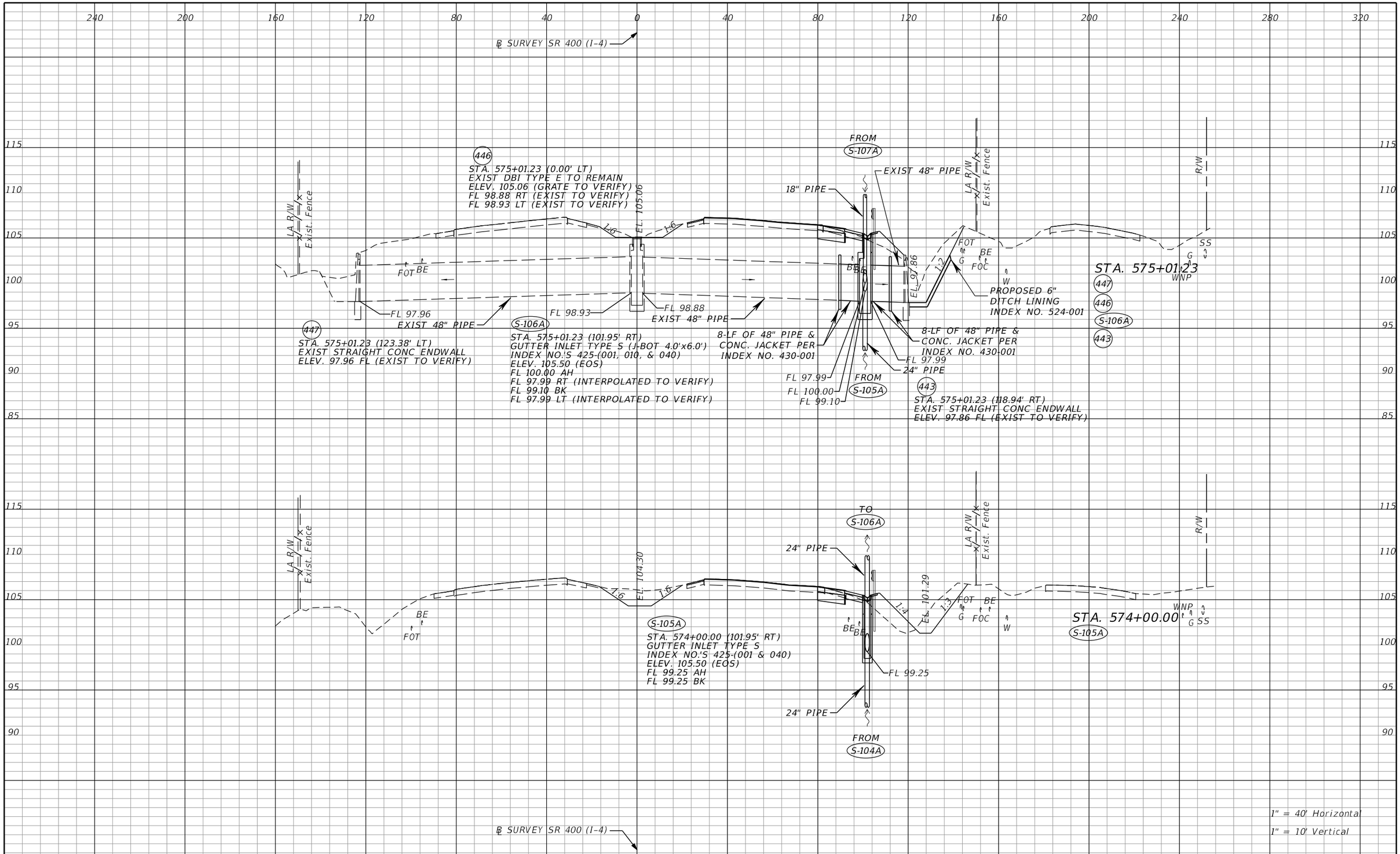
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 170



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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 171

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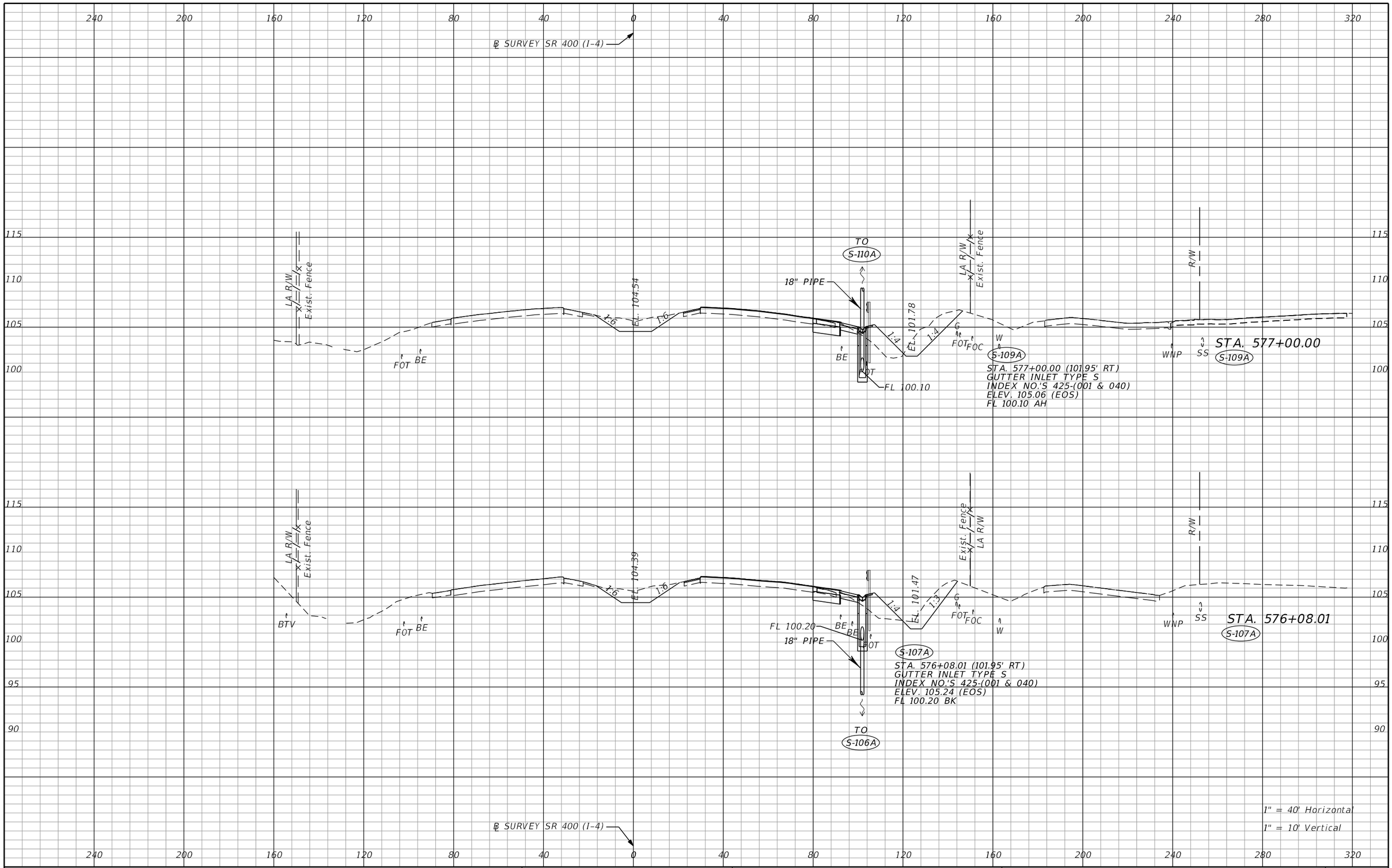

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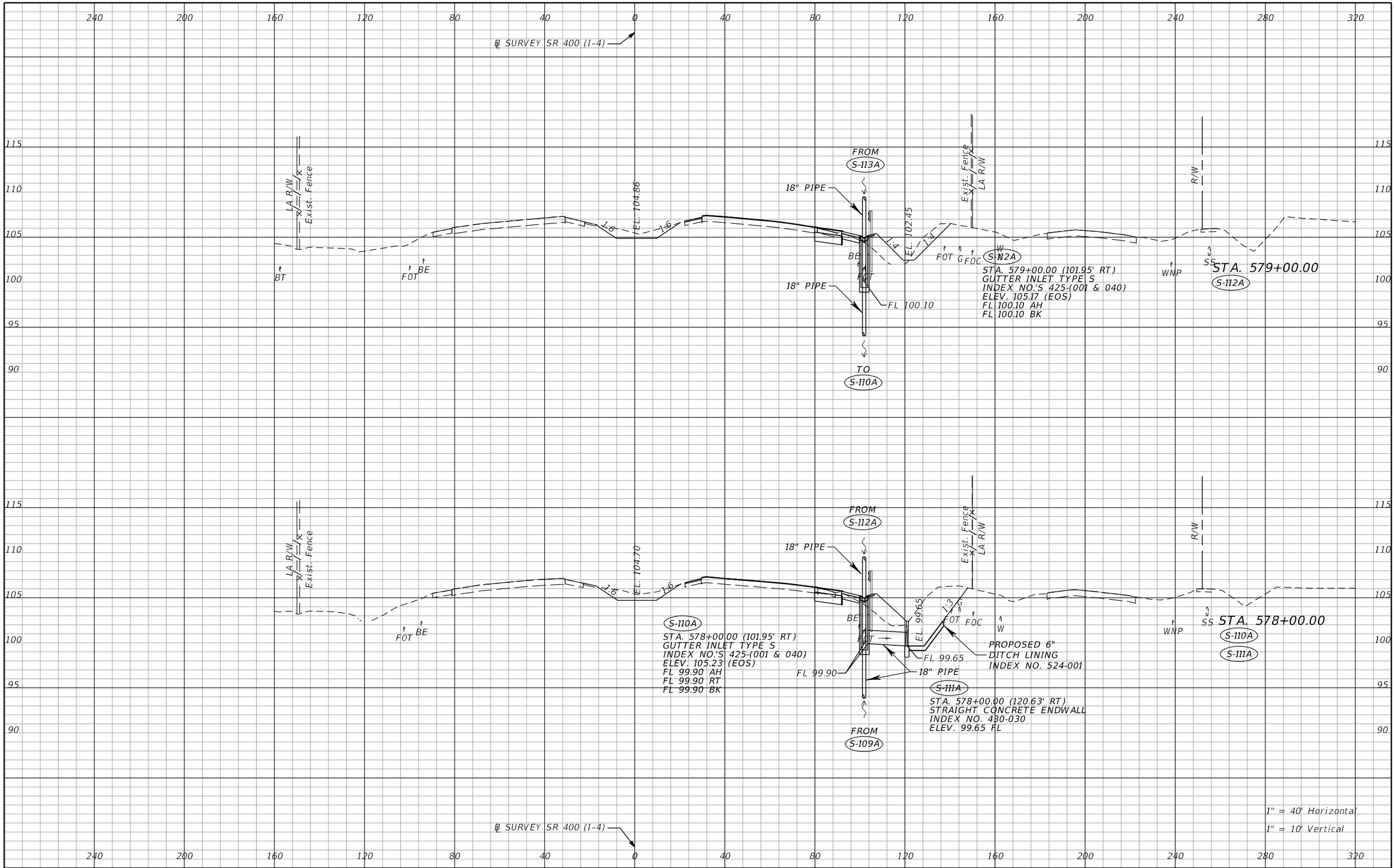
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 172



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DRAINAGE STRUCTURE SECTIONS

SHEET NO. 173

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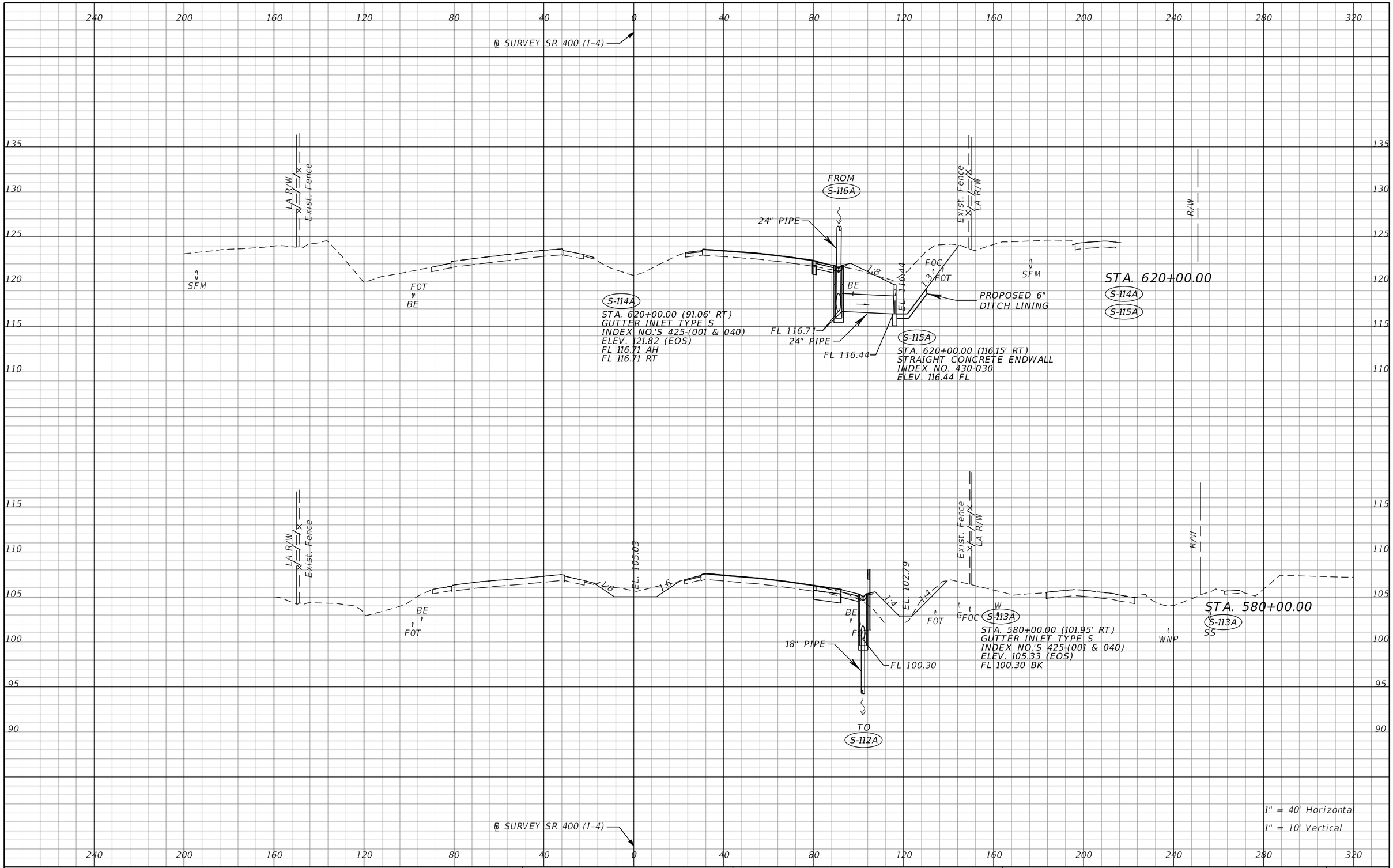

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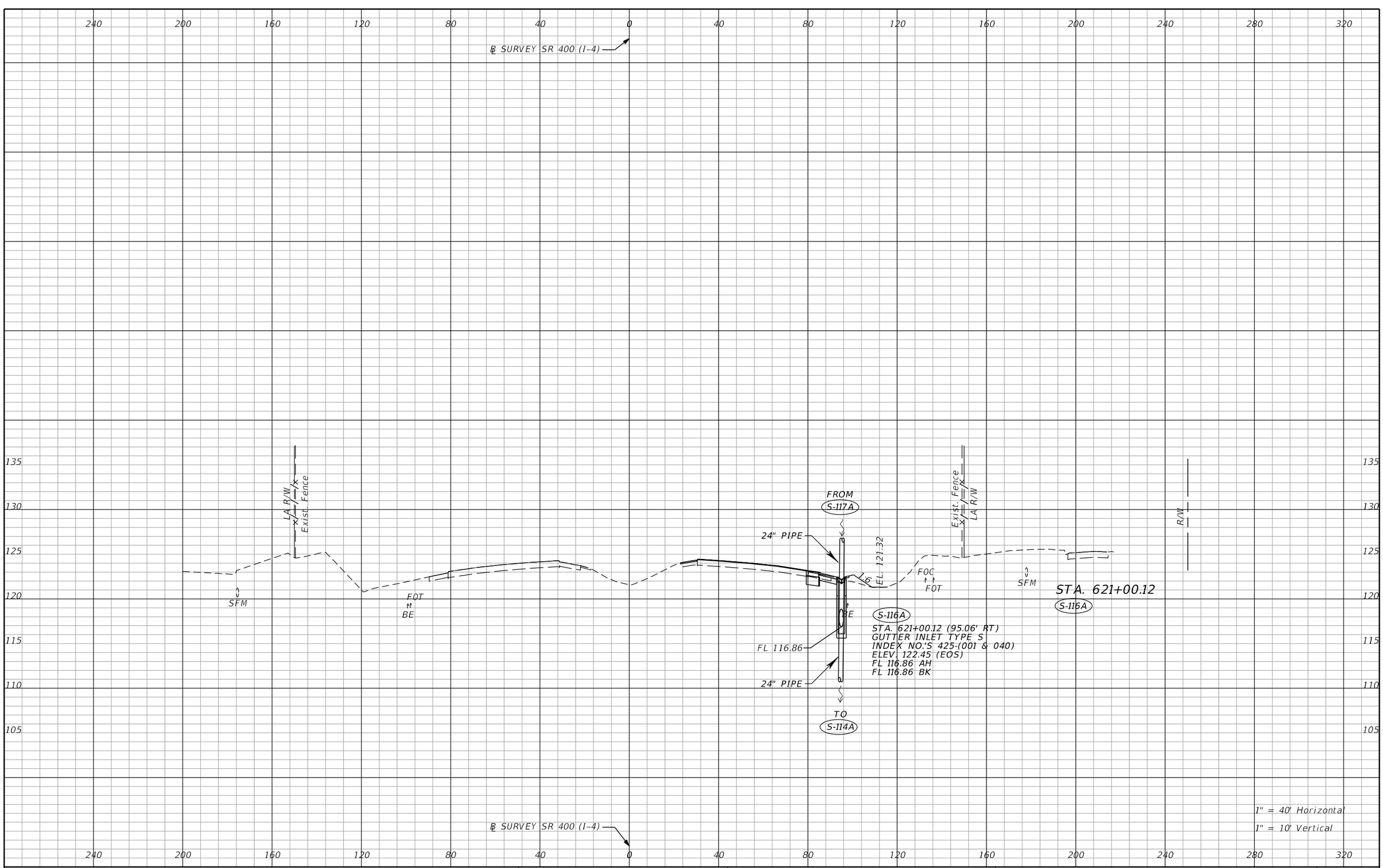
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 174



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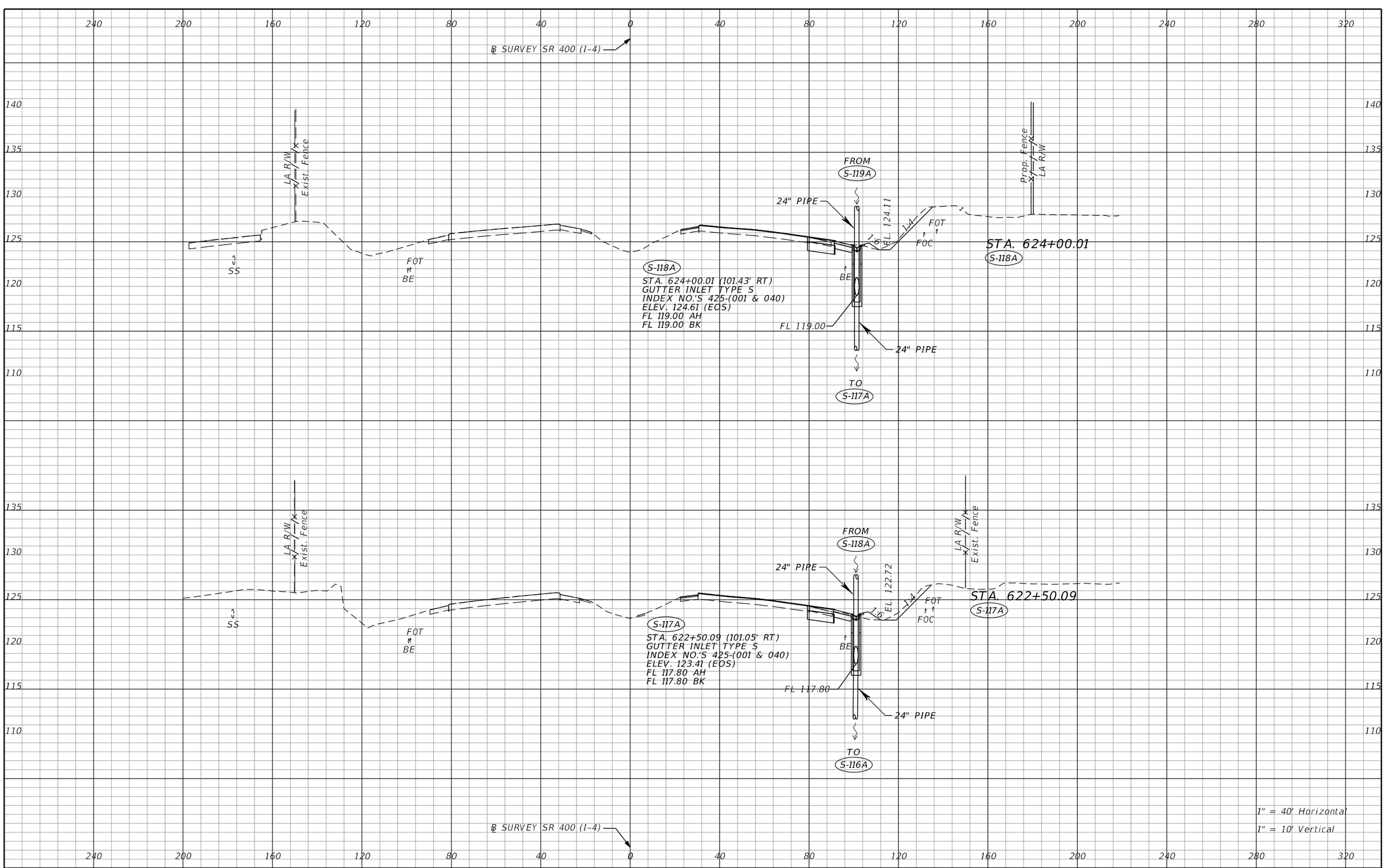
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 175



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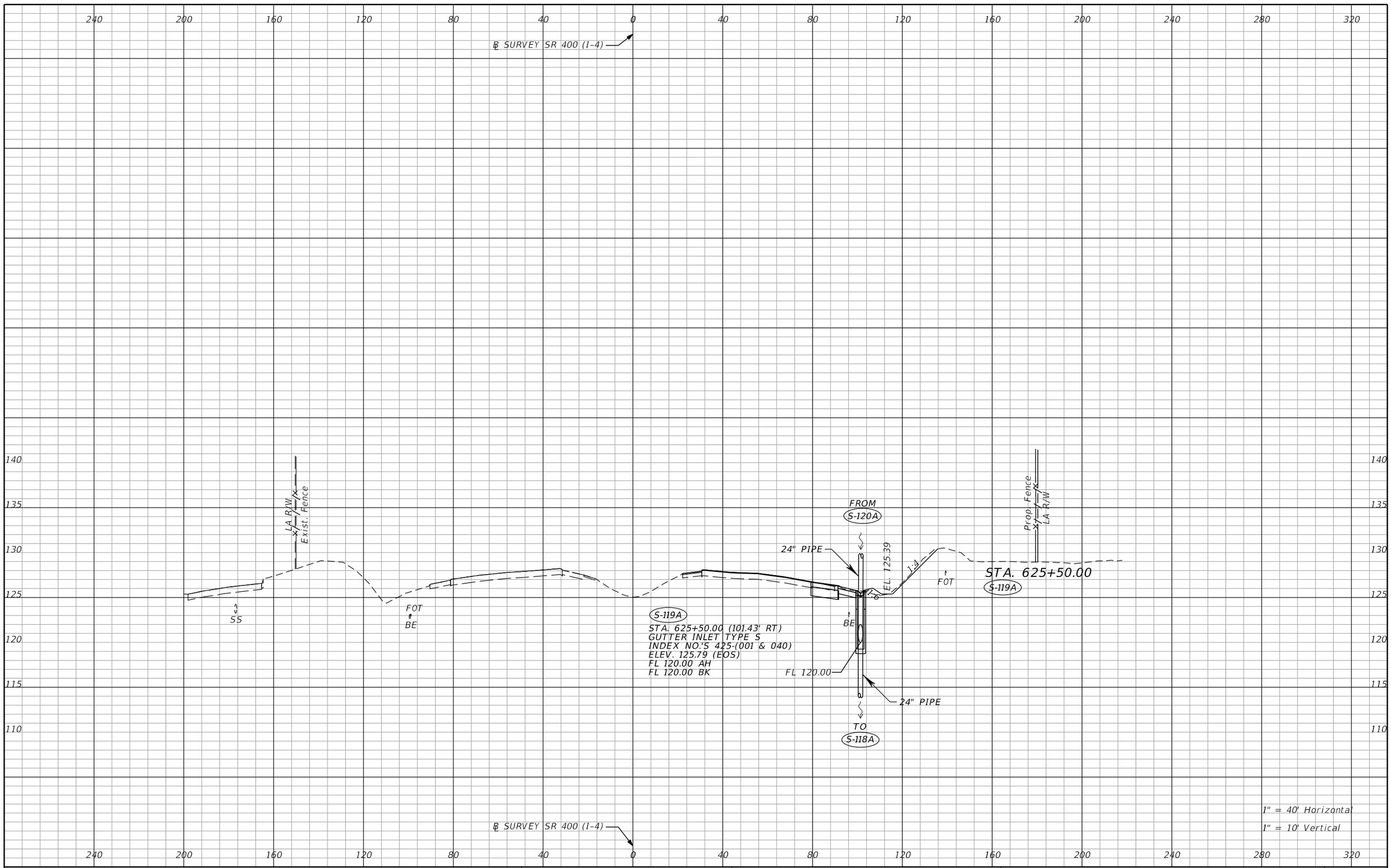
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 176



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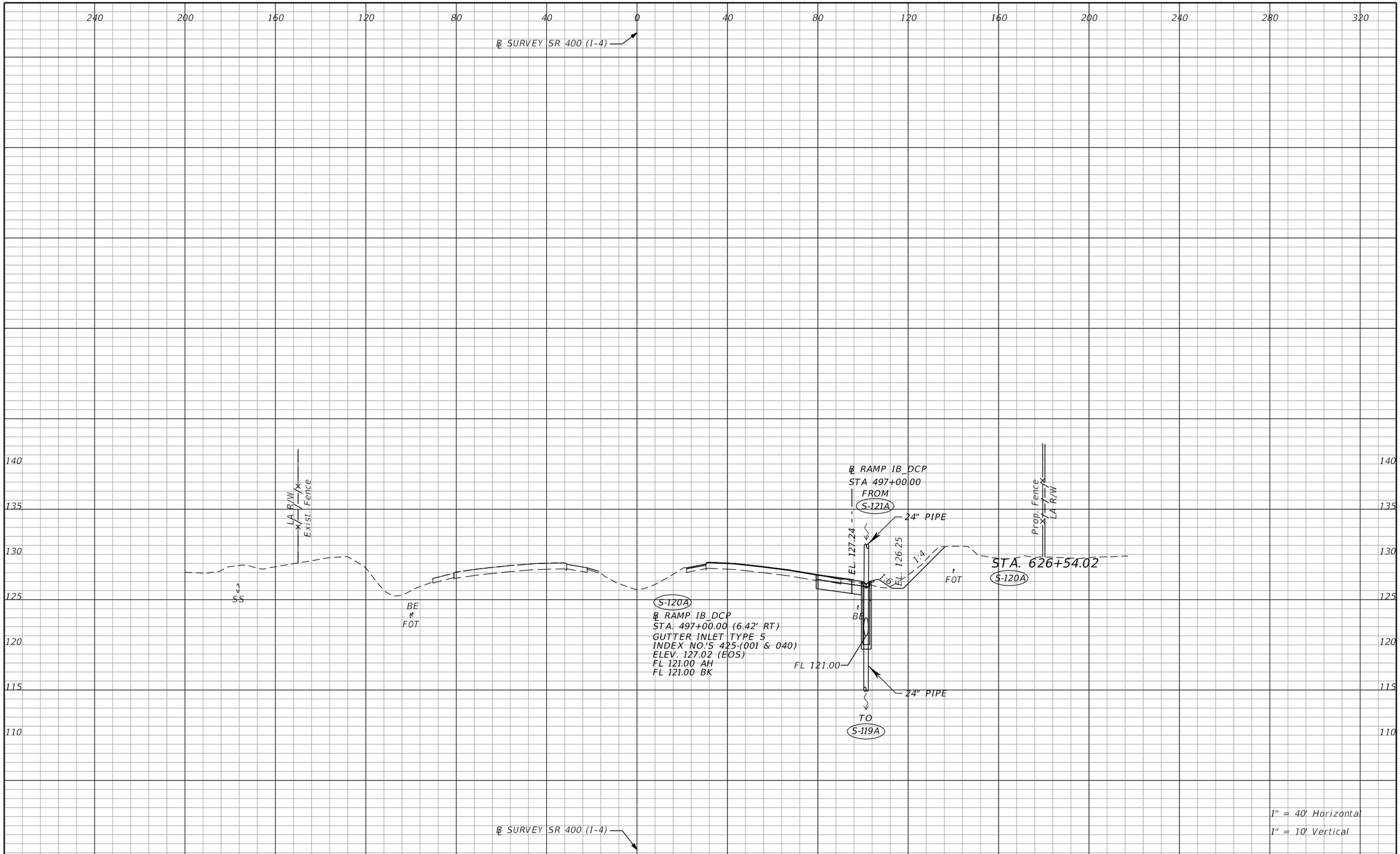
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 177



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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 178

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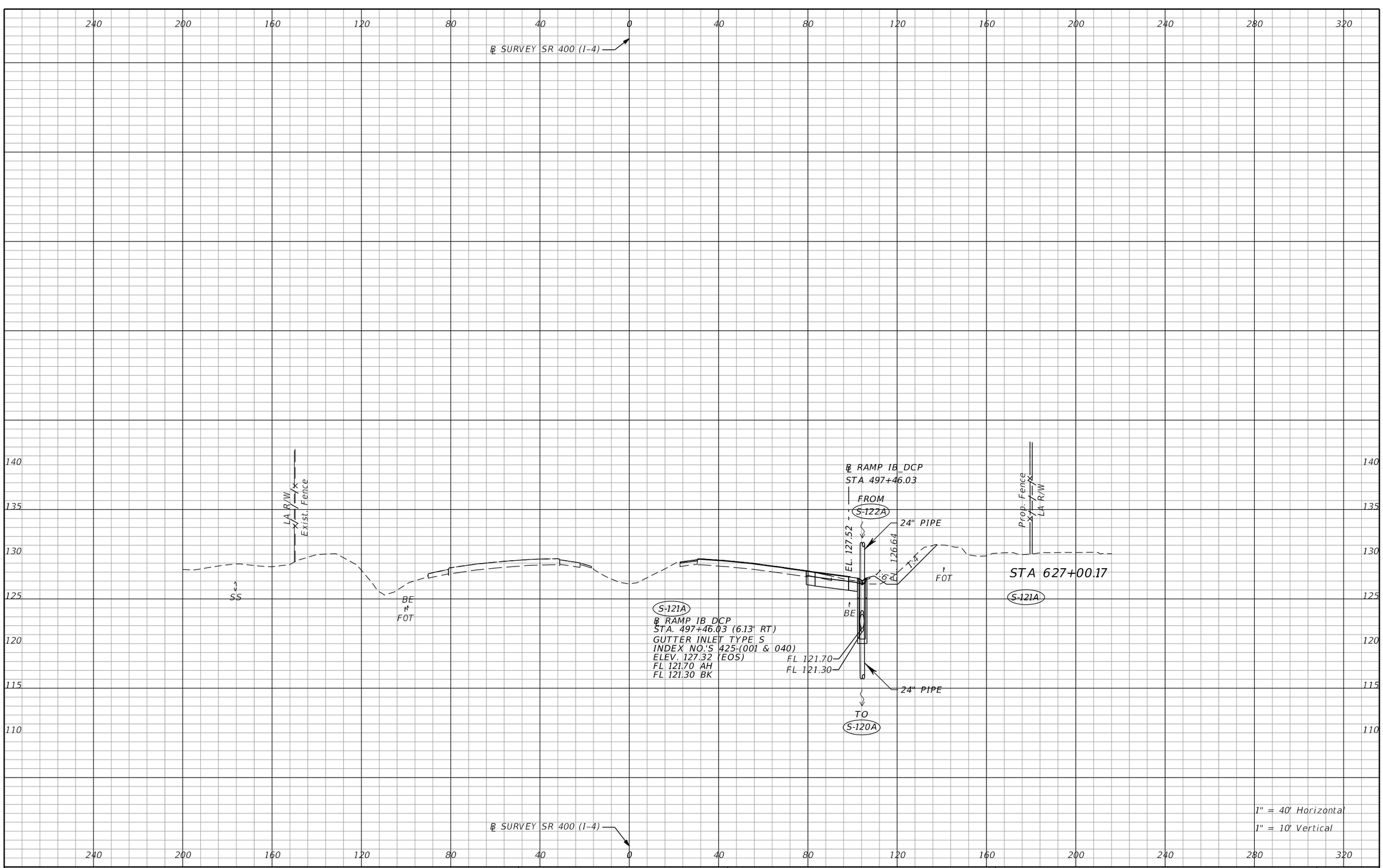

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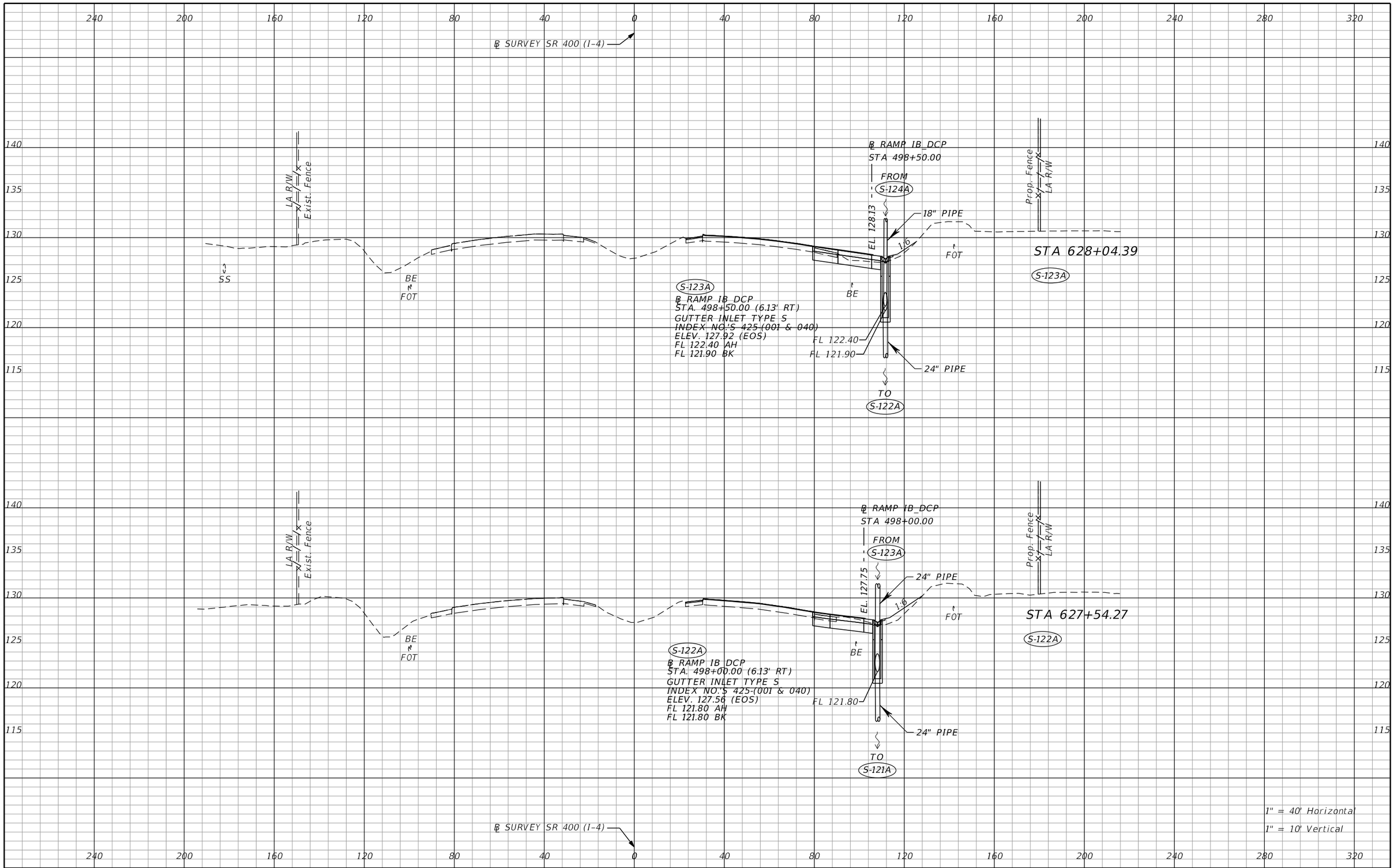
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 179

glen.dvorovy 5/6/2020 4:47:56 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\DRXSRD01_SR400.DGN



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Tuy Duong, P.E.
P.E. License No. 66461
AECOM TECHNICAL SERVICES, Inc.
150 N. Orange Avenue, Suite 200
Orlando, FL. 32801
T 407.843.6552 F 407.839.1789
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 180

glen.dvorovy 5/6/2020 4:47:56 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\DRXSRD01_SR400.DGN

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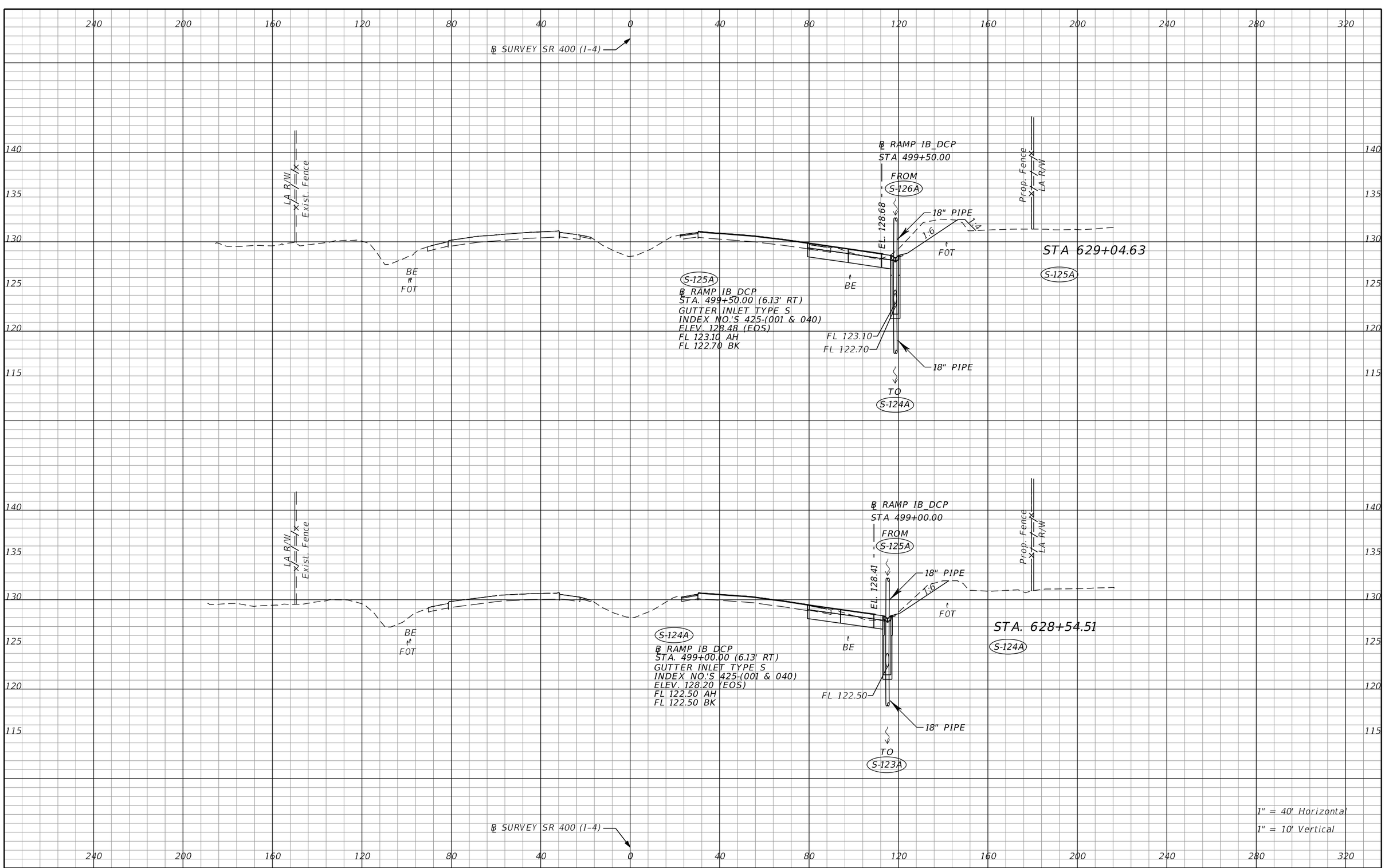

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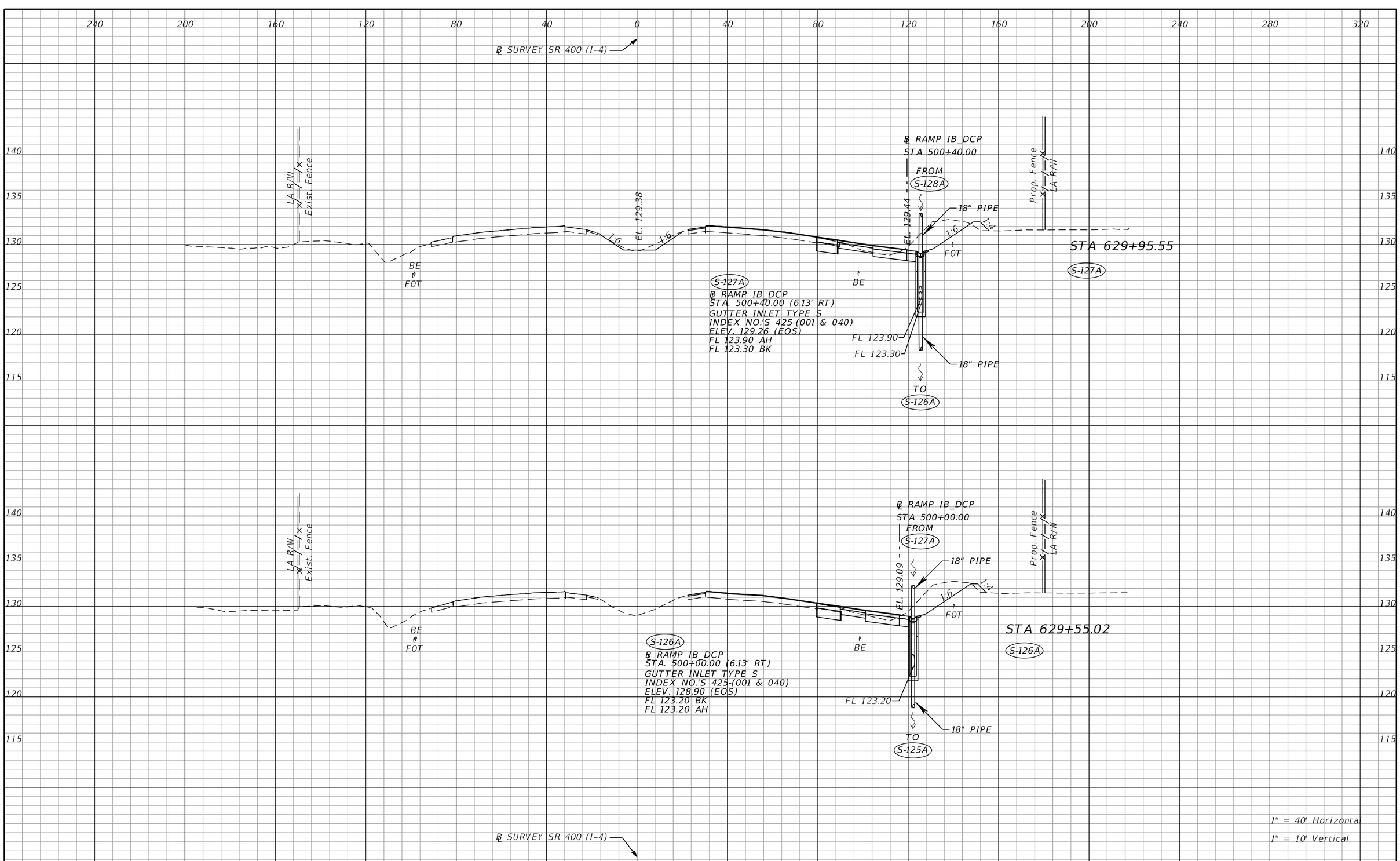
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 181



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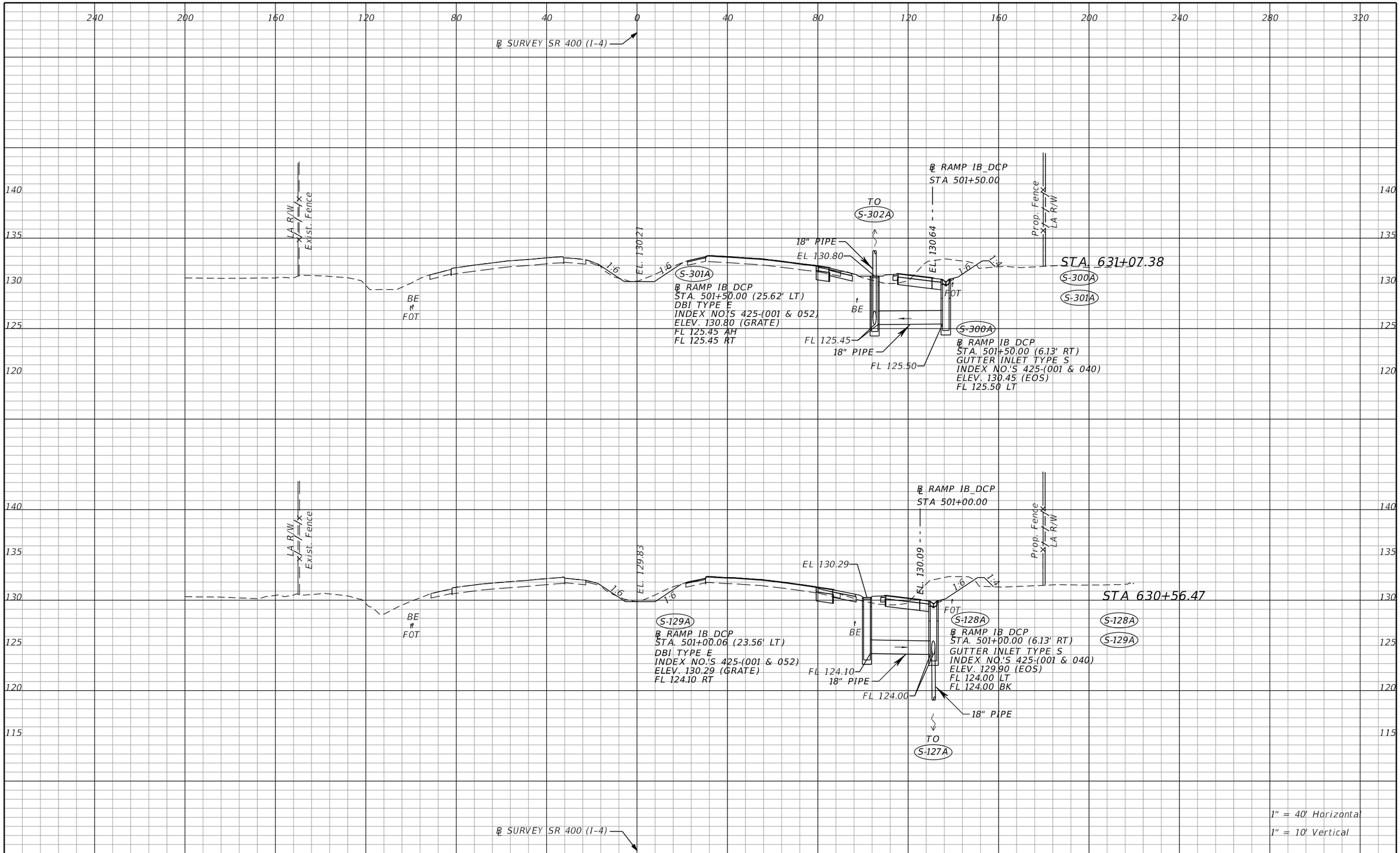
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 182



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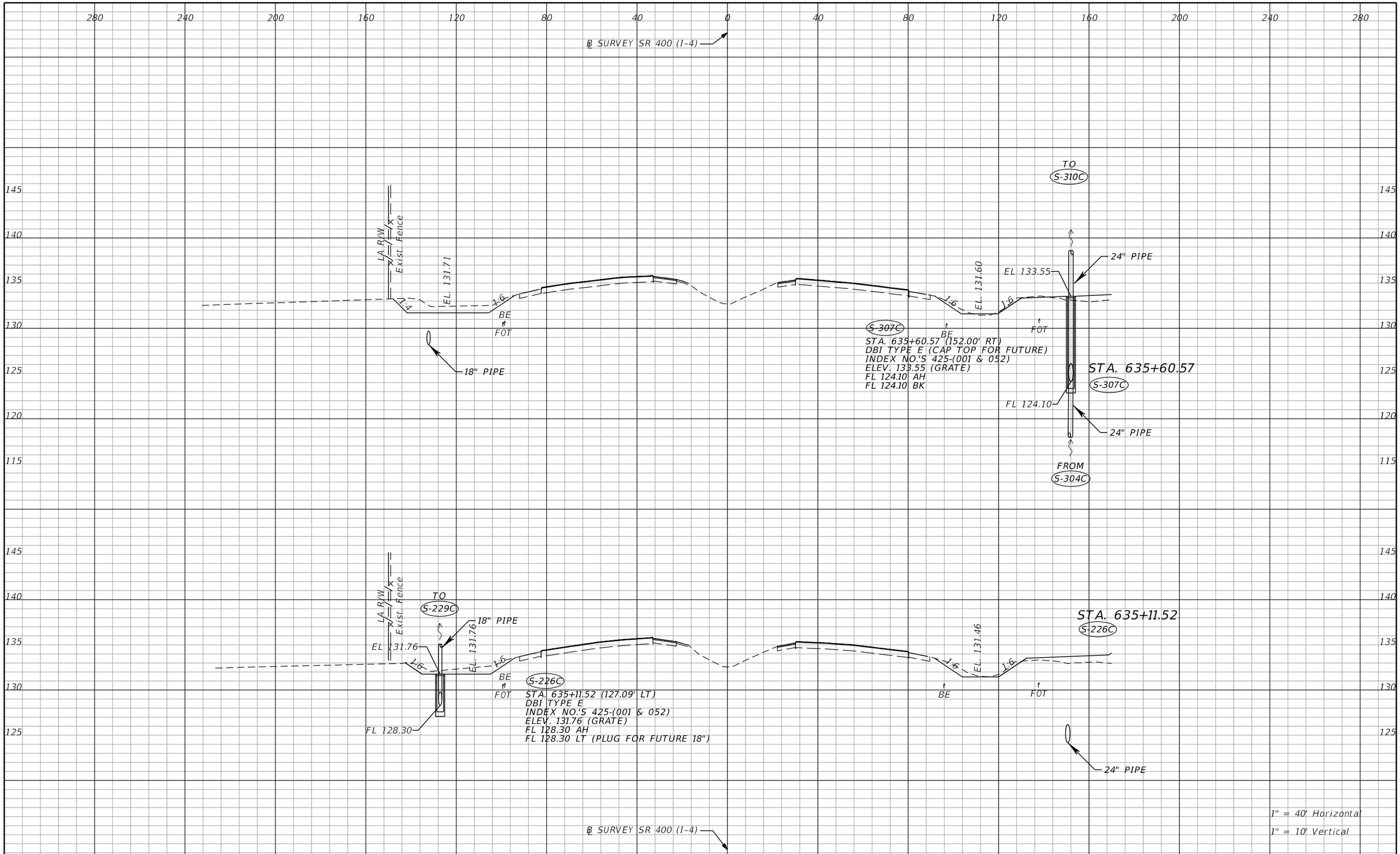
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 183



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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 184

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ SURVEY SR 400 (I-4)

TO S-312C

145 140 135 130 125 120 115

LA R/W
Exist. Fence
EL. 131.60
1:4
1:6
BE
FOT
18" PIPE

S-304A
STA. 636+56.61 (117.00' RT)
DBI TYPE E
INDEX NO.'S 425-(001 & 052)
ELEV. 130.56 (GRATE)
FL 126.70 RT

S-310C
STA. 636+56.61 (152.00' RT)
DBI TYPE E (J-BOT; ALT B 5.0'x5.0')
(CAP TOP FOR FUTURE USE)
INDEX NO.'S 425-(001, 010, & 052)
ELEV. 133.38 (GRATE)
FL 123.40 AH
FL 128.60 RT
FL 123.90 BK
FL 126.60 LT

EL. 130.56
1:6
BE
FOT
FL 126.70
24" PIPE
FL 126.60
FL 123.90
FL 123.40

30" PIPE
EL 133.38
FROM S-309C
18" PIPE
FL 128.60
24" PIPE
FROM S-307C

STA. 636+56.61
S-304A
S-310C

1" = 40' Horizontal
1" = 10' Vertical

℄ SURVEY SR 400 (I-4)

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	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 185

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ SURVEY SR 400 (I-4)

145 140 135 130 125 120 115

LA R/W
Prop. Fence

TO
S-232C

18" PIPE

EL. 131.53

1:6

S-229C

STA. 637+60.48 (153.38' LT)
DBI TYPE E
INDEX NO.'S 425-001 & 052)
ELEV. 131.53 (GRATE)
FL 123.96 AH
FL 127.80 BK
FL 127.80 LT (PLUG FOR FUTURE 18")

EL 131.53

FL 127.80

FL 123.96

18" PIPE

FROM
S-226C

FOT

BE

S-232C

STA. 639+30.25 (178.72' LT)
CROSS DRAIN MES (1:4)
INDEX NO.'S 430-021
ELEV. 123.70 FL

18" PIPE

FROM
S-229C

FL 123.70

EL. 130.70

1:6

BE

FOT

30" PIPE

STA. 637+60.48
S-229C
STA. 639+30.25
S-232C

℄ SURVEY SR 400 (I-4)

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	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 186

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280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ SURVEY SR 400 (I-4)

145 140 135 130 125 120 115

LA R/W
Prop. Fence

EL. 131.85

1:6

1:6

FOT BE

18" PIPE

EL. 130.80

1:6

1:6

1:41

1:171

1:4

FOT

BE

TO
S-316C

30" PIPE

EL 133.10

S-312C

STA. 638+10.40 (152.02' RT)
DBI TYPE E (>10)
J-BOT; ALT B 5.0'x5.0'
(CAP TOP FOR FUTURE USE)
INDEX NO.'S 425-(001, 010, & 052)
ELEV 133.10 (GRADE)
FL 123.10 AH
FL 123.10 BK

STA. 638+10.40
S-312C

FL 123.10

30" PIPE

FROM
S-310C

℄ SURVEY SR 400 (I-4)

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

1" = 40' Horizontal
1" = 10' Vertical

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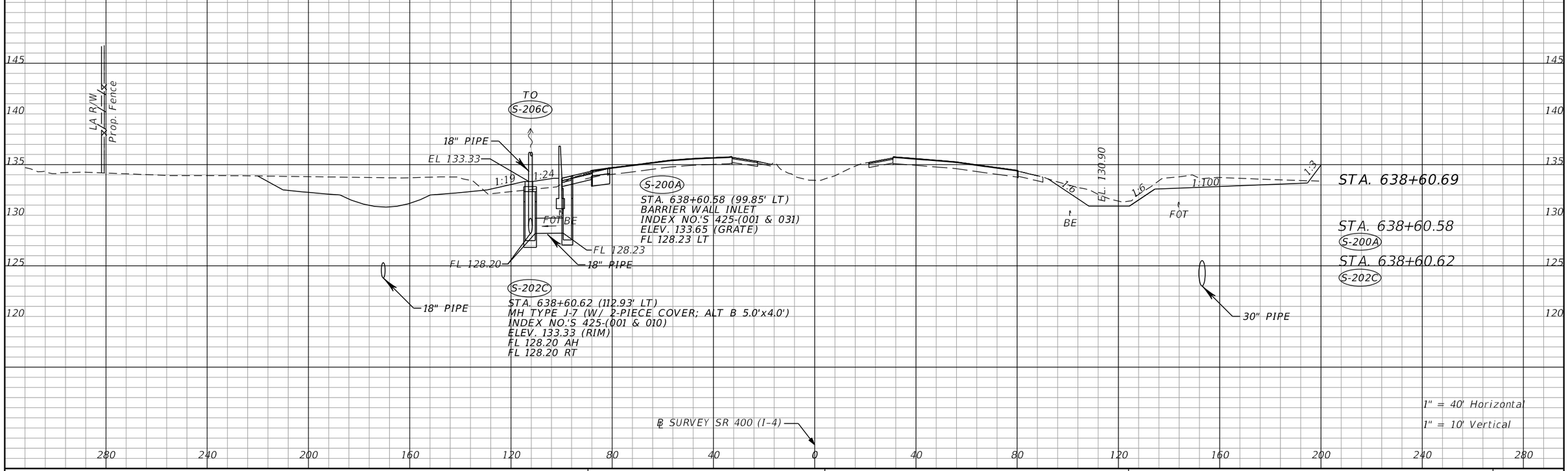
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 187

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ SURVEY SR 400 (I-4)



℄ SURVEY SR 400 (I-4)

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

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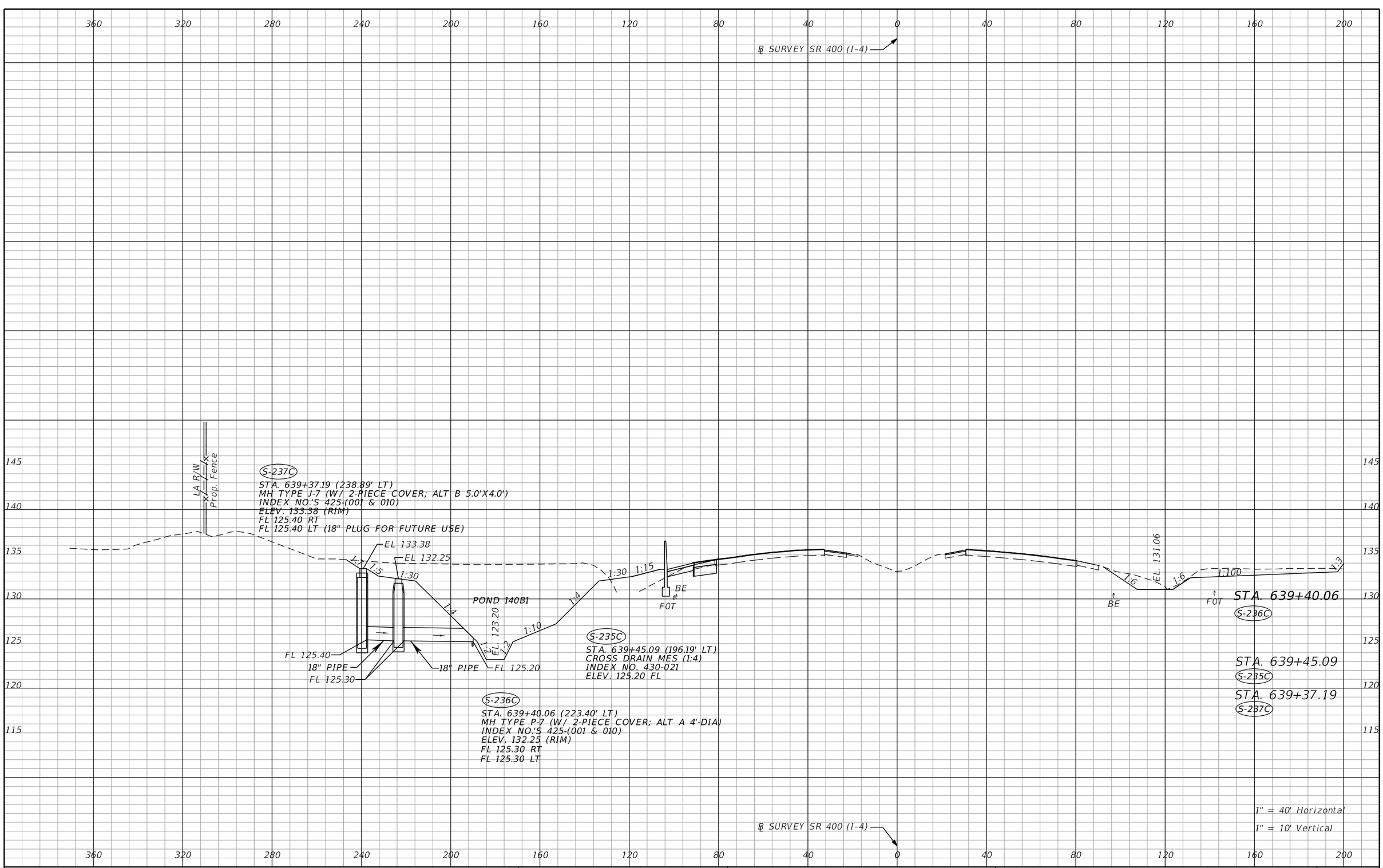
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 188



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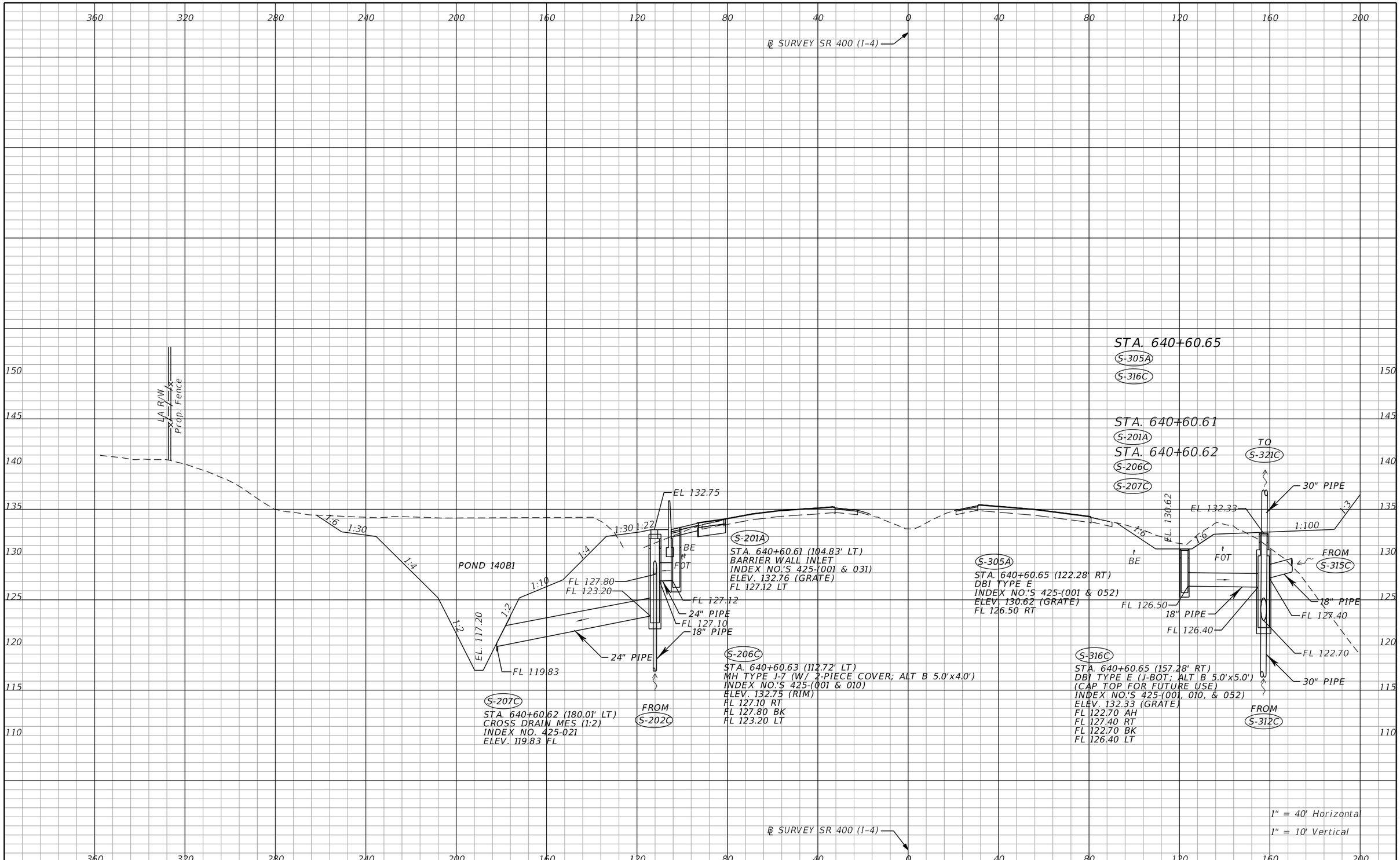
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 189



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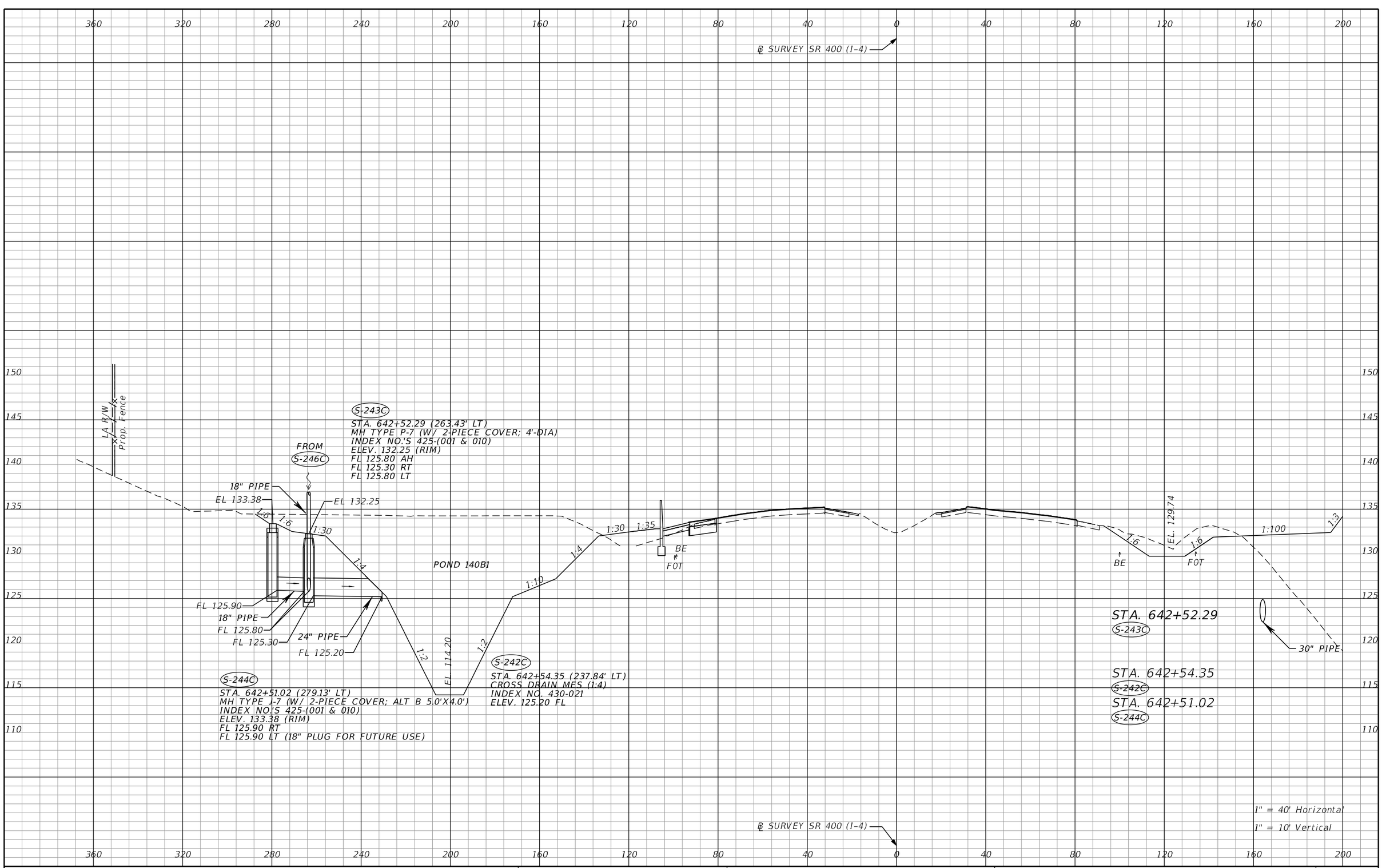
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO.
190



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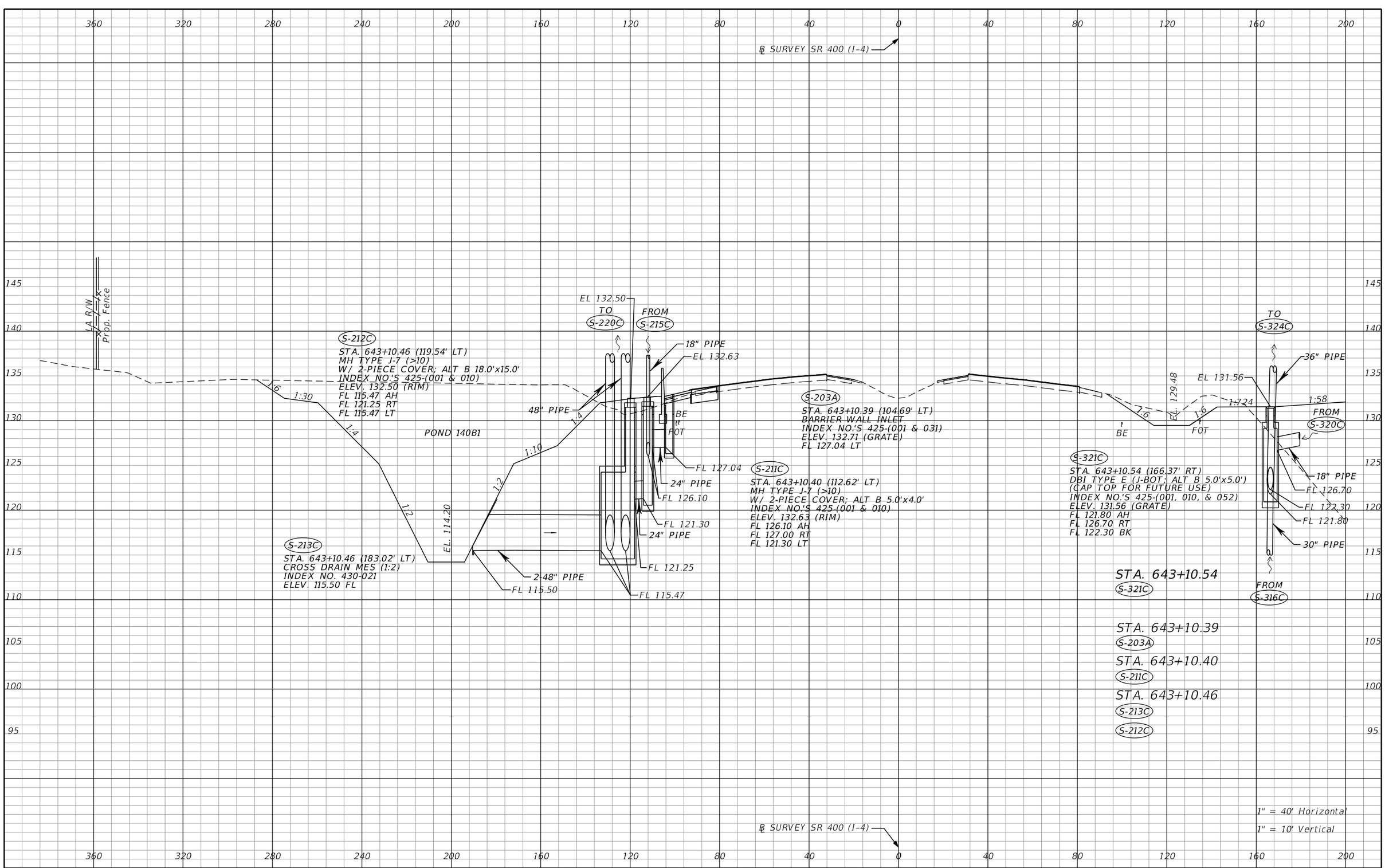
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 191



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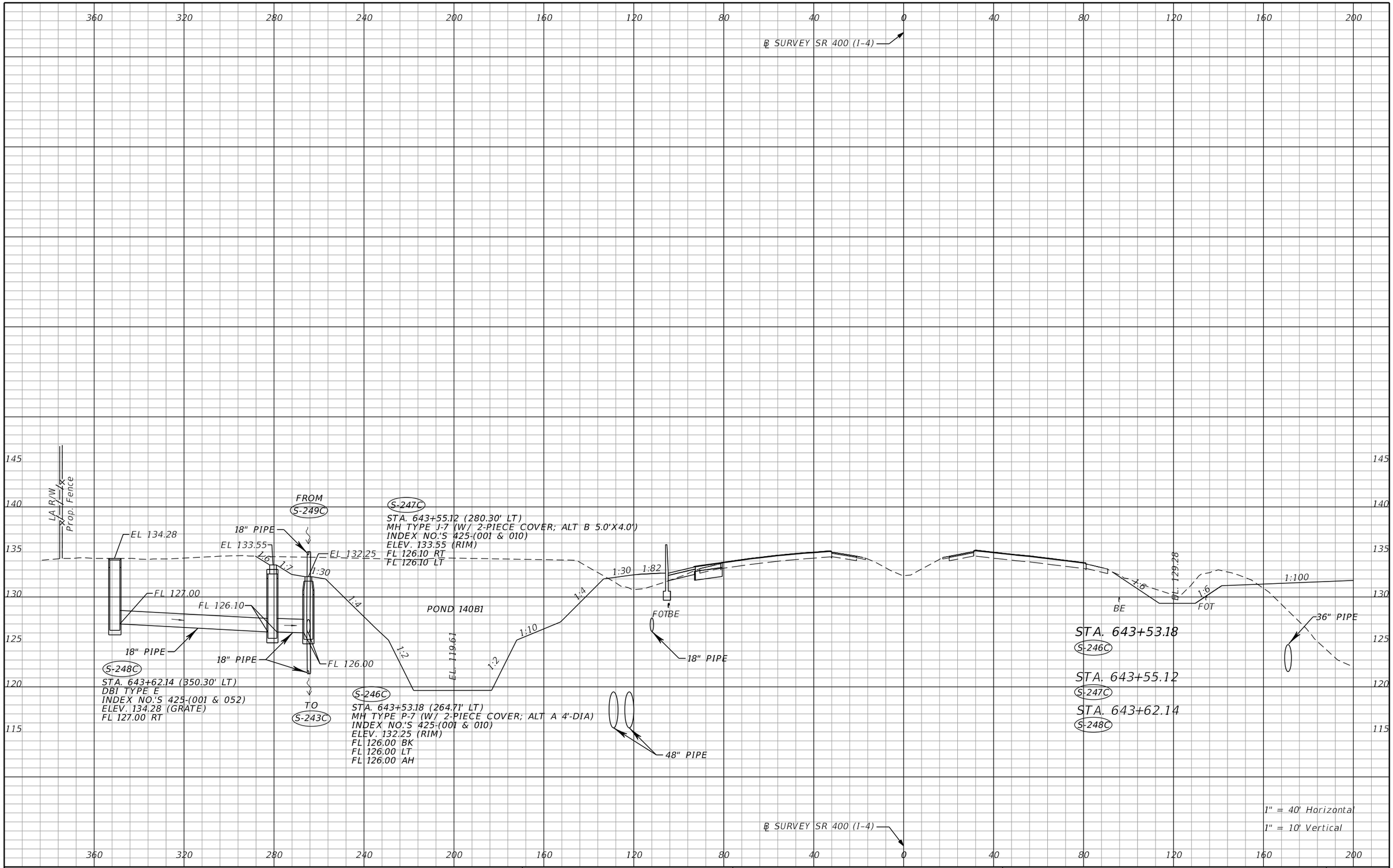
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 192



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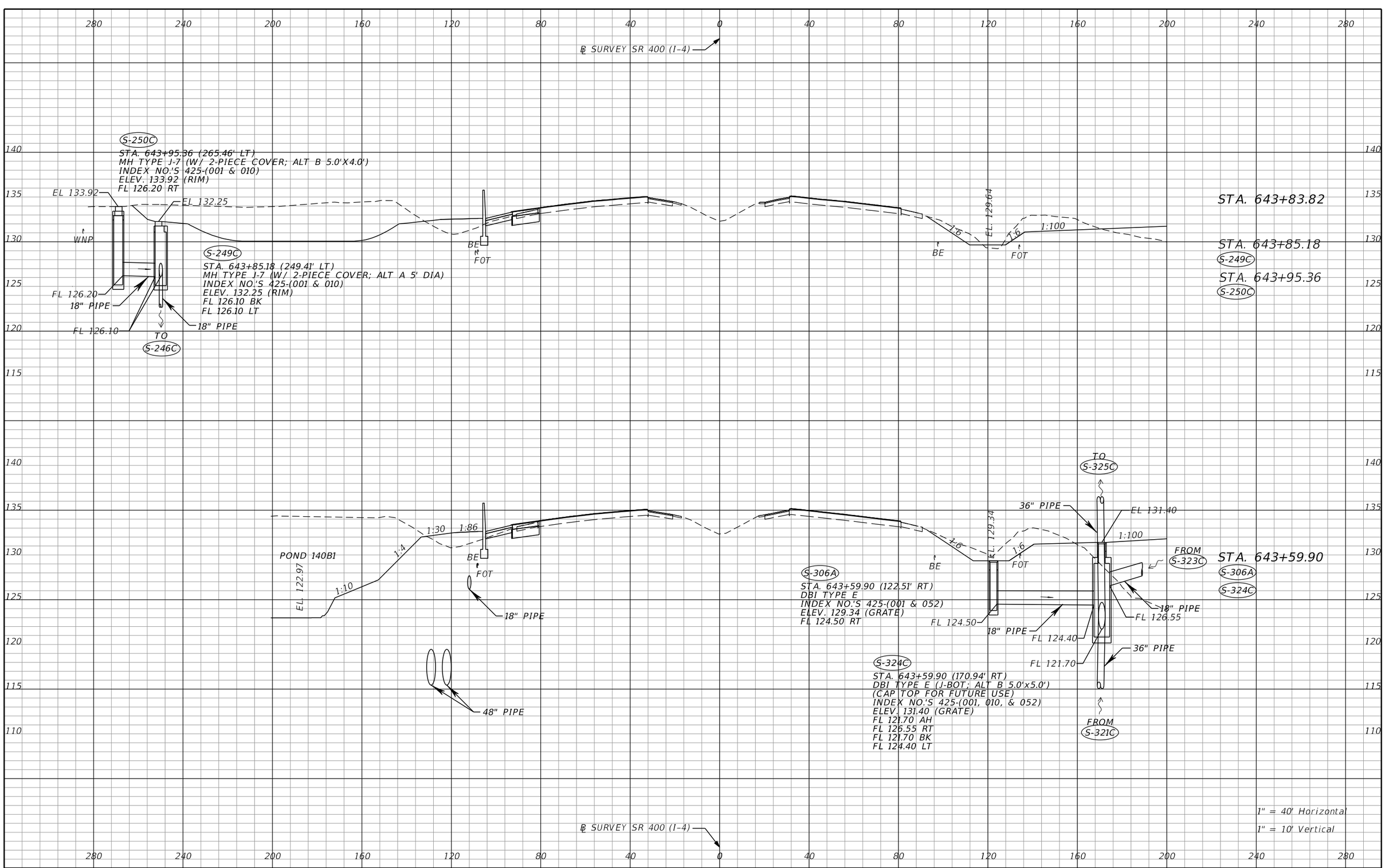
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO.
193

glen.dvorovy 5/6/2020 4:48:01 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\DRXSRD01_SR400.DGN



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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 194

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280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ SURVEY SR 400 (I-4)

140 135 130 125 120 115

EL 132.35

S-204A
STA. 644+34.36 (104.62' LT)
BARRIER WALL INLET
INDEX NO.'S 425-(001 & 031)
ELEV. 132.55 (GRATE)
FL 126.37 LT

FL 126.30
FL 126.37
18" PIPE

18" PIPE

S-215C
STA. 644+34.36 (112.62' LT)
MH TYPE J-7 (W/ 2-PIECE COVER; ALT B 5.0'x4.0')
INDEX NO.'S 425-(001 & 010)
ELEV. 132.35 (RIM)
FL 126.30 RT
FL 126.30 BK

TO
S-211C

48" PIPE

STA. 644+34.36
S-204A
S-215C

BE

36" PIPE

℄ SURVEY SR 400 (I-4)

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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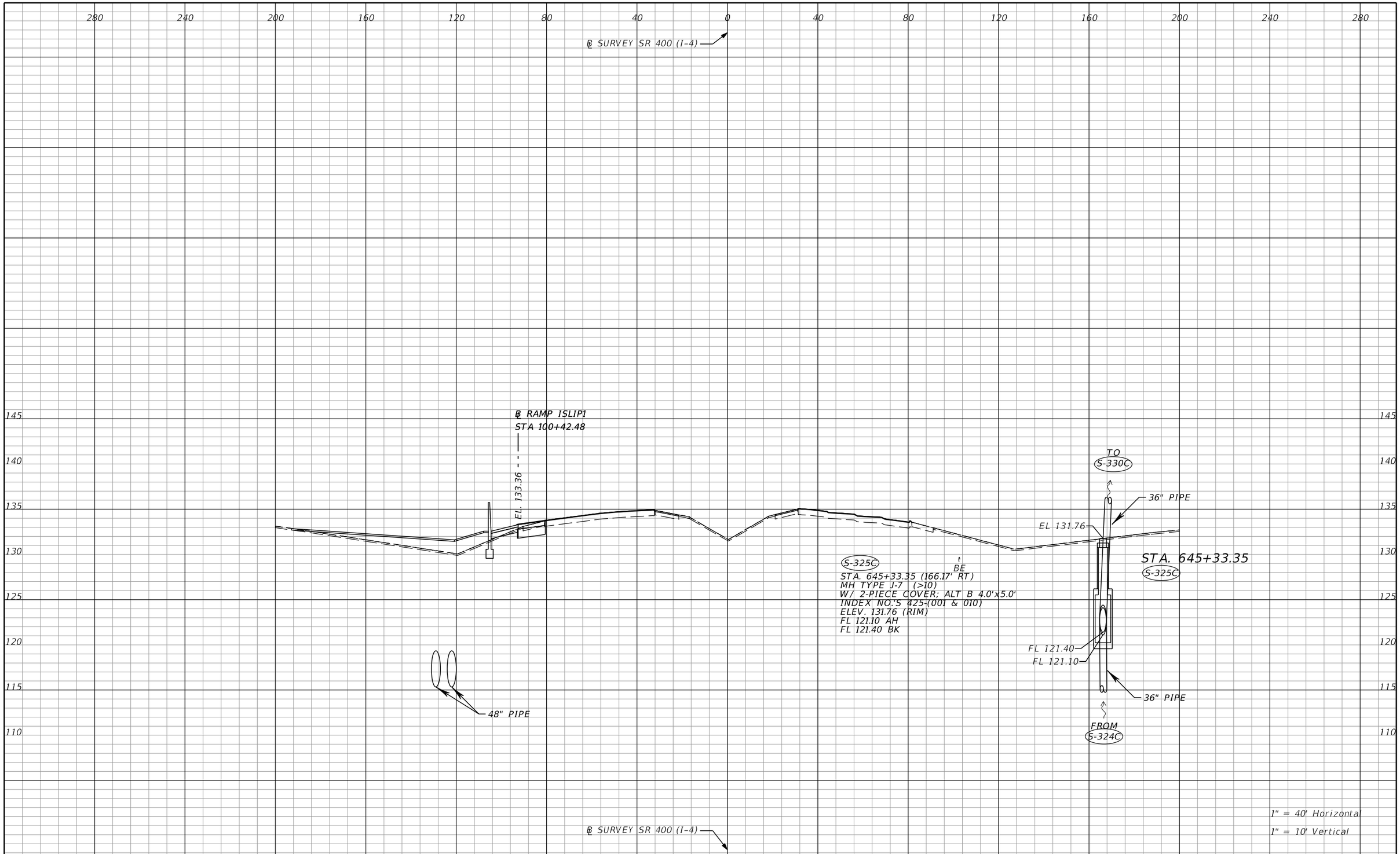
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 195



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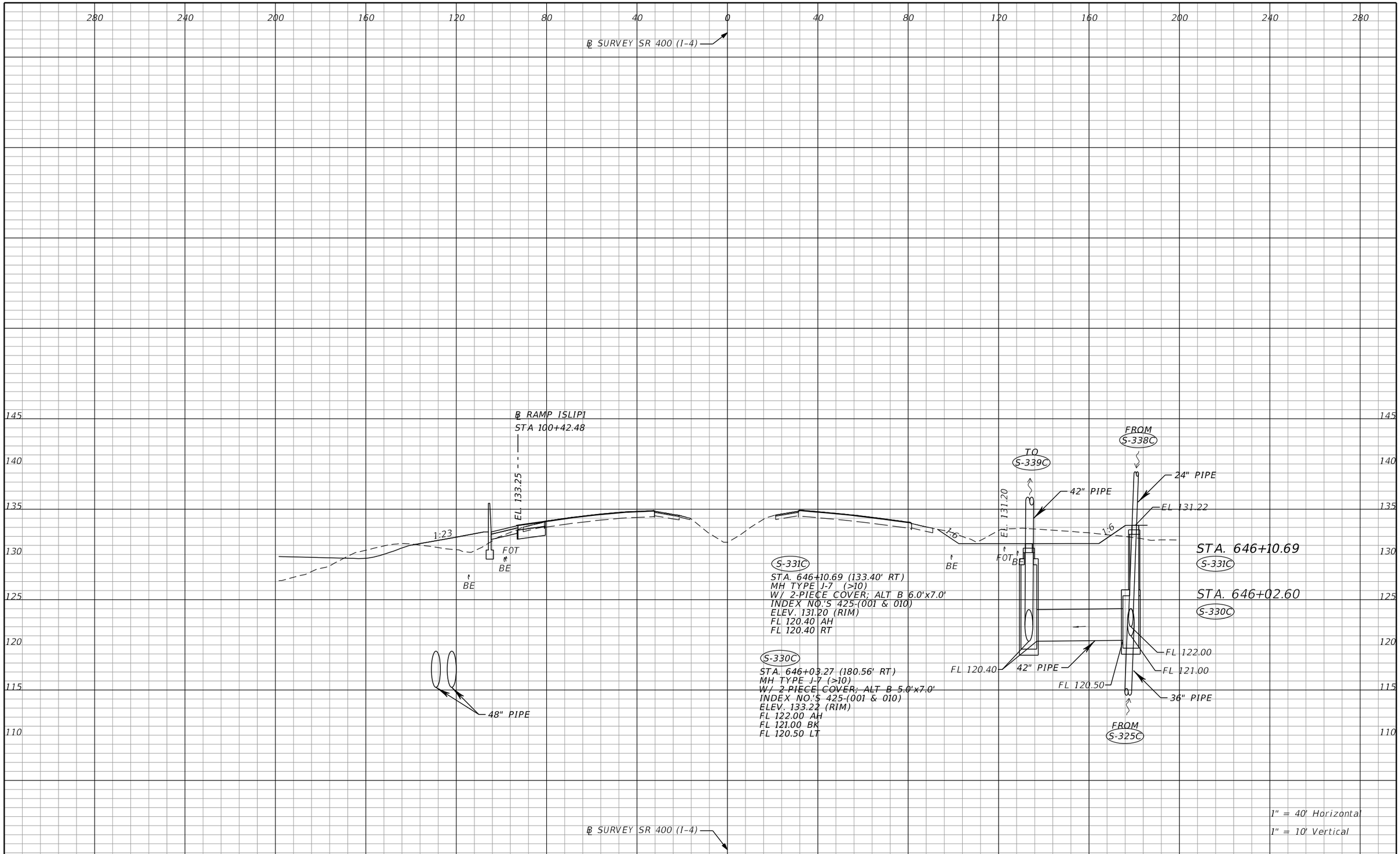
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 196



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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 197

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ SURVEY SR 400 (I-4)

℄ RAMP ISLIP1
STA 101+92.27

EL. 132.61

EL 131.45
EL 130.90

1:15
1:4
1:9
1:2

POND 140B2

FOT
BE
FL 124.30

BE
FL 124.32
FL 121.30
24" PIPE
FL 121.25
FL 115.25
FL 115.20
2-48" PIPE
48" PIPE

S-221C
STA. 647+59.81 (175.65' LT)
CROSS DRAIN MES (1:2)
INDEX NO. 430-021
ELEV. 115.20 FL

FROM
S-212C

S-205A
STA. 647+60.59 (104.44' LT)
BARRIER WALL INLET
INDEX NO.'S 425-(001 & 031)
ELEV. 132.01 (GRATE)
FL 124.32 LT

S-219C
STA. 647+60.57 (113.66' LT)
MH TYPE J-7 (>10)
W/ 2-PIECE COVER; ALT B 5.0'x4.0'
INDEX NO.'S 425-(001 & 010)
ELEV. 131.45 (RIM)
FL 124.30 RT
FL 121.30 LT

S-220C
STA. 647+60.57 (119.54' LT)
MH TYPE J-7 (>10)
W/ 2-PIECE COVER; ALT B 18.0'x15.0'
INDEX NO.'S 425-(001 & 010)
ELEV. 130.90 (RIM)
FL 121.25 RT
FL 115.25 BK
FL 115.25 LT

TO
S-340C

EL. 130.90

1:6
42" PIPE
1:6

S-339C
STA. 647+60.54 (142.00' RT)
DBI TYPE E (>10)
J-BOT; ALT B 5.0'x6.0'
INDEX NO.'S 425-(001, 010, & 052)
ELEV. 130.90 (GRATE)
FL 118.70 AH
FL 120.20 BK

BE BE FOT BFO BFO

FL 120.20
FL 118.70
42" PIPE

FROM
S-331C

STA. 647+60.45

STA. 647+60.59
S-205A
STA. 647+60.57
S-219C
S-220C
STA. 647+59.81
S-221C
STA. 647+60.54
S-339C

1" = 40' Horizontal
1" = 10' Vertical

℄ SURVEY SR 400 (I-4)

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

145 140 135 130 125 120 115 110 105

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Tuy Duong, P.E.
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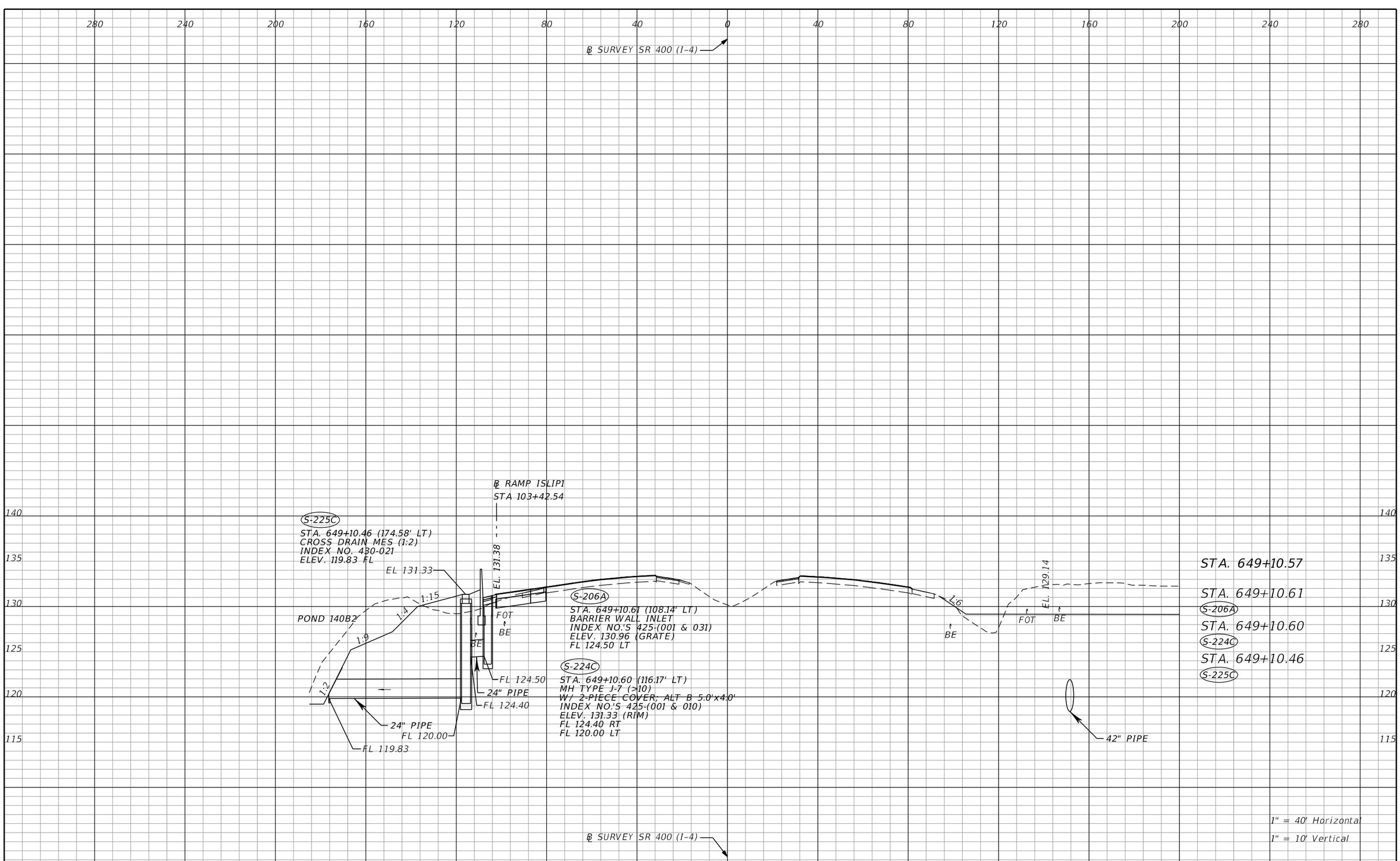
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 198



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 199

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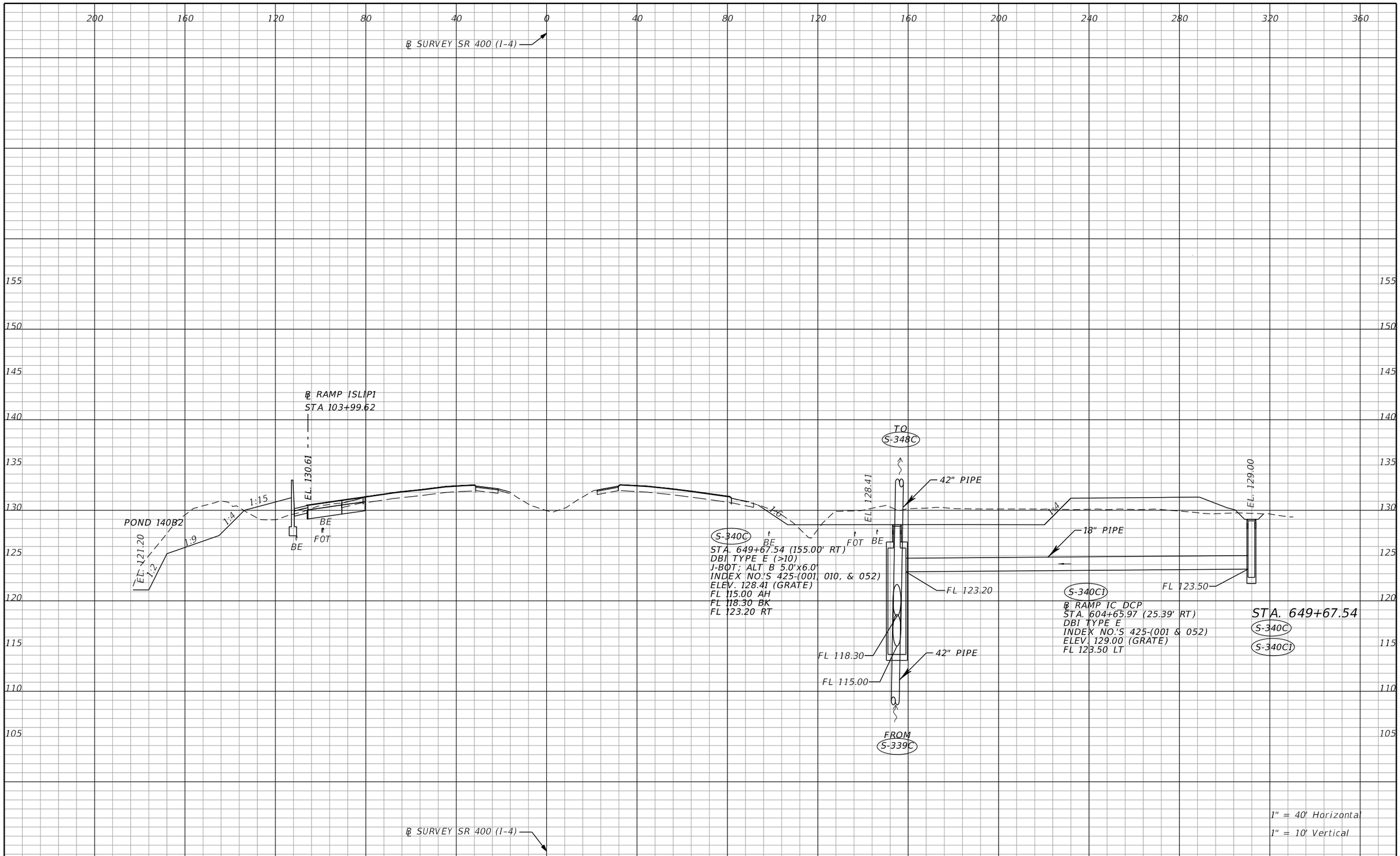

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 200

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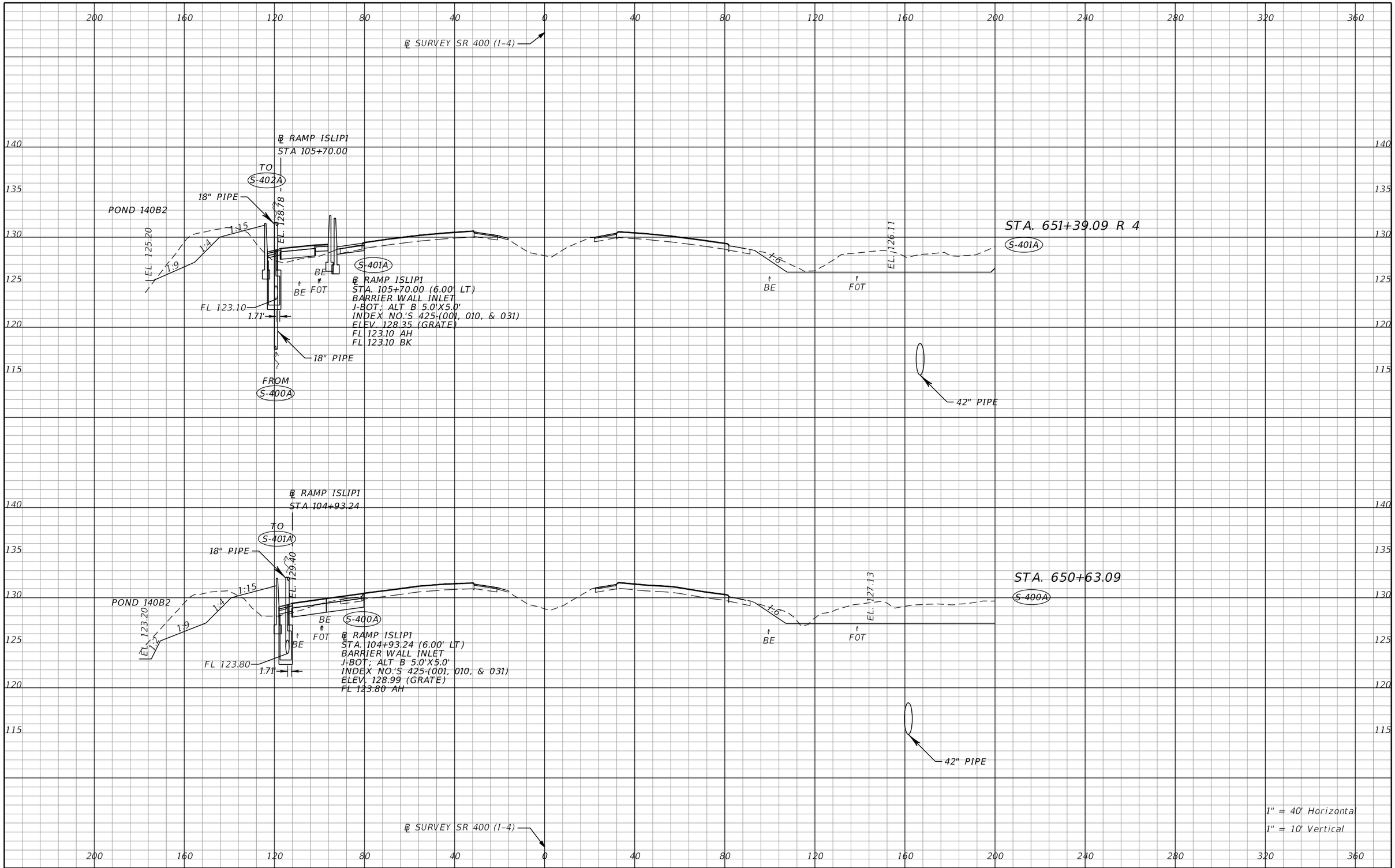

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 201

200 160 120 80 40 0 40 80 120 160 200 240 280 320 360

℄ SURVEY SR 400 (I-4)

140 135 130 125 120 115

℄ RAMP ISLIP1
STA 106+19.95

TO
S-404A

18" PIPE

E.L. 128.66

1:17

POND 140B2
S-402A

℄ RAMP ISLIP1
STA. 106+19.95 (6.00' LT)
BARRIER WALL INLET
J-BOT; ALT B 5.0'X5.0'
INDEX NO.'S 425-(001, 010, & 031)
ELEV. 128.24 (GRATE)
FL 123.00 AH
FL 123.00 RT
FL 123.00 BK

BE
FOTBE

FL 123.20
18" PIPE
FL 123.00
18" PIPE

FROM
S-401A

S-403A

℄ RAMP ISLIP1
STA. 106+19.95 (21.00' RT)
BARRIER WALL INLET
INDEX NO.'S 425-(001 & 031)
ELEV. 128.60 (GRATE)
FL 123.20 LT

1:6

BE

FOT

E.L. 125.43

STA. 654+89.16
S-402A
S-403A

42" PIPE

1" = 40' Horizontal
1" = 10' Vertical

℄ SURVEY SR 400 (I-4)

200 160 120 80 40 0 40 80 120 160 200 240 280 320 360

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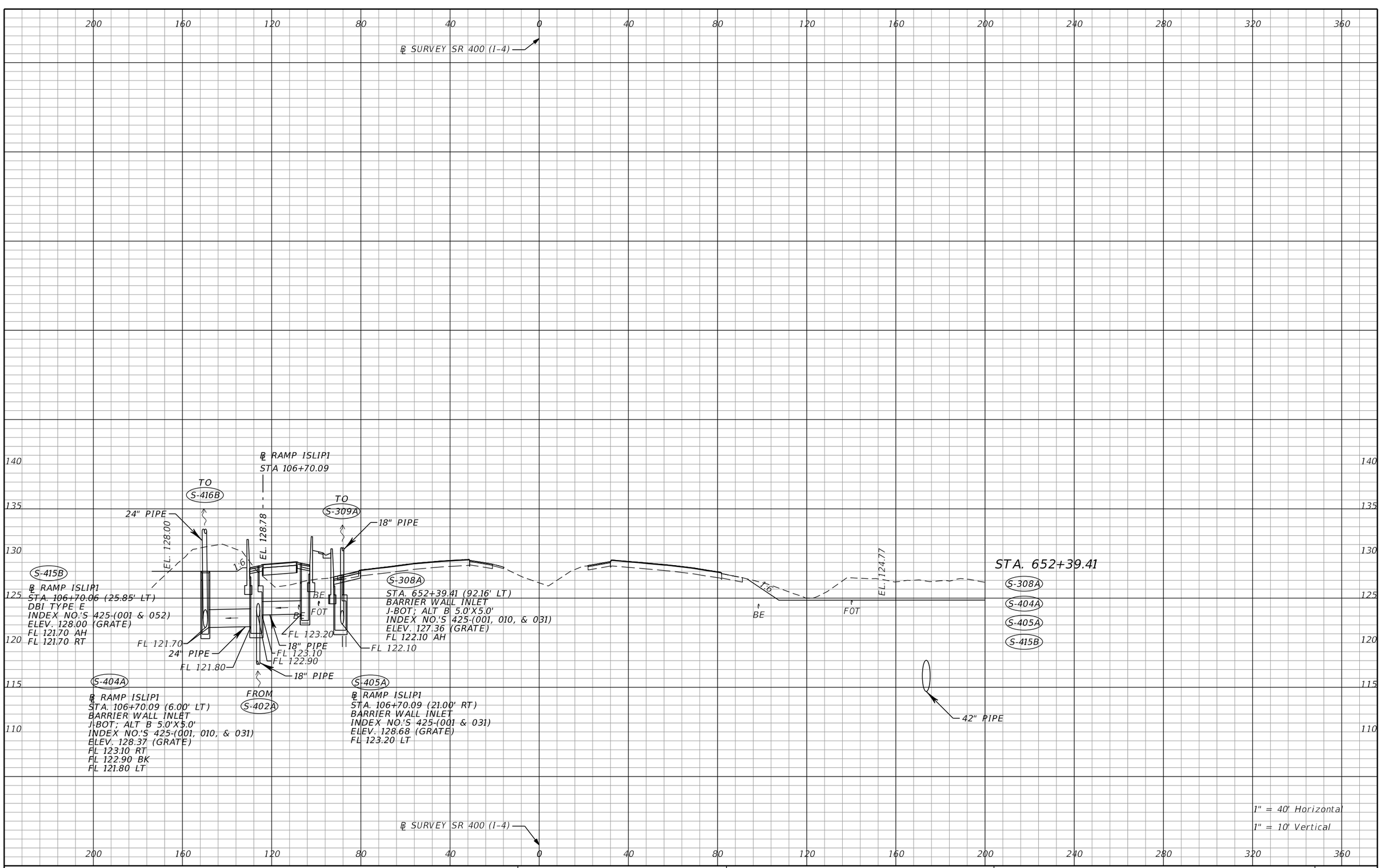
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 202



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 203

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℄ SURVEY SR 400 (I-4)

℄ RAMP ISLIP1
STA 106+91.29

EL. 128.02
EL. 128.88
1:6
1:6
1:20
BE
FOT
BE
24" PIPE

1:6
EL. 124.45
BE
FOT

S-348C
STA. 652+60.66 (175.00' RT)
DBI TYPE E (>10)
J-BOT; ALT B 5.0'x6.0'
INDEX NO.'S 425-(001, 010, & 052)
ELEV. 124.45 (GRATE)
FL 113.50 AH
FL 114.50 BK
FL 118.55 RT

TO
S-356C
42" PIPE
EL 124.45
1:4
1:384
FL 118.55
FL 114.50
FL 113.50
42" PIPE
FROM
S-340C

1:40
FROM
S-348C2
18" PIPE
EL 126.00
Prop. Fence
1:4
1:4
18" PIPE
FL 118.80

S-348C1
℄ RAMP IC DCP
STA. 607+54.66 (58.52' RT)
DBI TYPE E
INDEX NO.'S 425-(001 & 052)
ELEV. 126.00 (GRATE)
FL 118.80 LT
FL 118.80 AH

STA. 652+60.66
S-348C
S-348C1

1" = 40' Horizontal
1" = 10' Vertical

℄ SURVEY SR 400 (I-4)

200 160 120 80 40 0 40 80 120 160 200 240 280 320 360

150 145 140 135 130 125 120 115 110 105

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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 204

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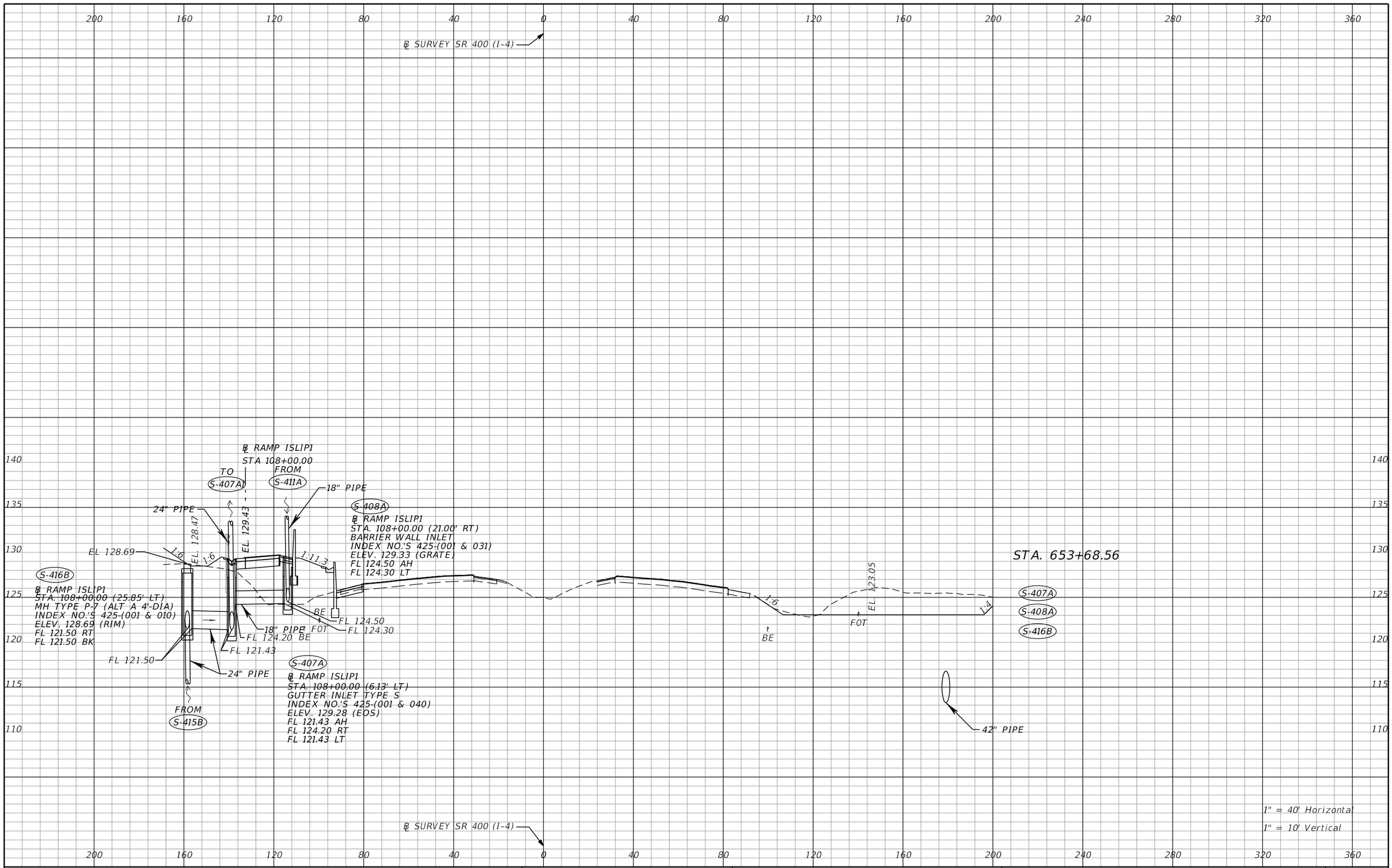

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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 205

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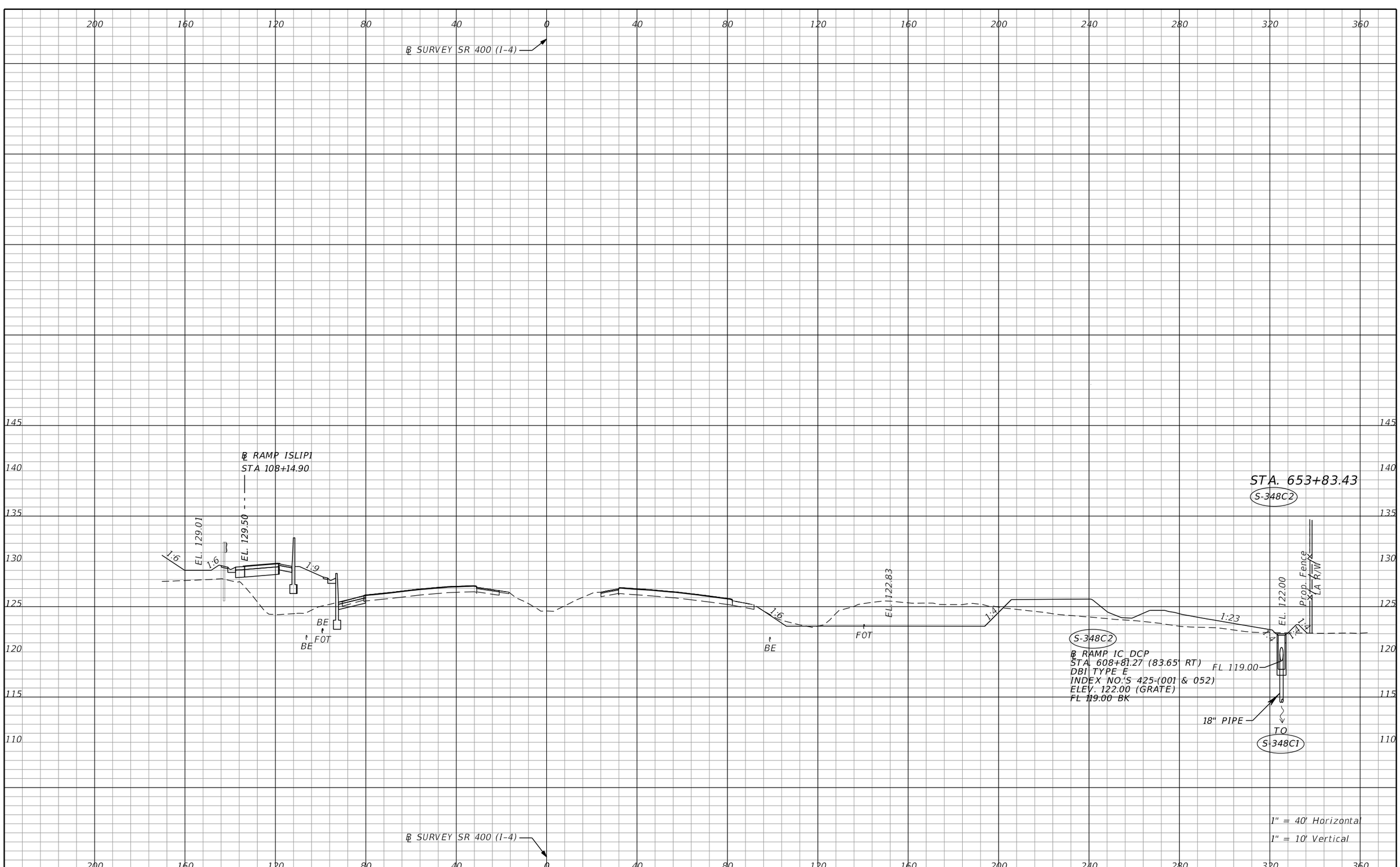

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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 206

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℄ SURVEY SR 400 (I-4)

S-407A1

℄ RAMP ISLIP1
STA. 108+50.00 (6.13' LT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 040)
ELEV. 129.28 (EOS)
FL 121.32 AH
FL 121.32 BK

℄ RAMP ISLIP1
STA 108+42.07

TO S-410A

24" PIPE

1:6 1:100

EL. 129.61

FL 121.32

24" PIPE

FROM S-407A

1:8

TO S-311A

18" PIPE

BE FOT

FL 119.90

18" PIPE

FROM S-308A

S-309A
STA. 654+10.54 (92.06' LT)
BARRIER WALL INLET
J-BOT; ALT B 5.0'X5.0'
INDEX NO.'S 425-(001, 010, & 031)
ELEV. 125.12 (GRATE)
FL 119.90 AH
FL 119.90 BK

1:6

BE FOT

S-356C
STA. 654+10.54 (180.50' RT)
DBI TYPE E (>10)
J-BOT; ALT B 7.0'x5.0'
INDEX NO.'S 425-(001, 010, & 052)
ELEV. 122.48 (GRATE)
FL 111.20 AH
FL 112.70 RT
FL 113.20 BK

EL. 122.48

TO S-357C

1:4

48" PIPE

FL 113.20

FL 111.20

42" PIPE

FROM S-348C

STA. 654+10.54

S-309A

S-356C

FROM S-361C

30" PIPE

EL 123.00

1:4

1:7

1:4

FL 112.80

30" PIPE

FL 112.70

S-355C

S-407A1

Prop. Fence

LA R/W

TEMP. CONST. EASEMENT

S-355C
℄ RAMP IC_DCP
STA. 609+17.66 (12.99' RT)
DBI TYPE E (>10)
J-BOT; ALT B 5.0'x5.0'
INDEX NO.'S 425-(001, 010, & 052)
ELEV. 123.00 (GRATE)
FL 112.80 AH
FL 112.80 LT
FL 115.00 RT (PLUG FOR FUTURE 18")

℄ SURVEY SR 400 (I-4)

1" = 40' Horizontal
1" = 10' Vertical

200 160 120 80 40 0 40 80 120 160 200 240 280 320 360

145 140 135 130 125 120 115 110 105

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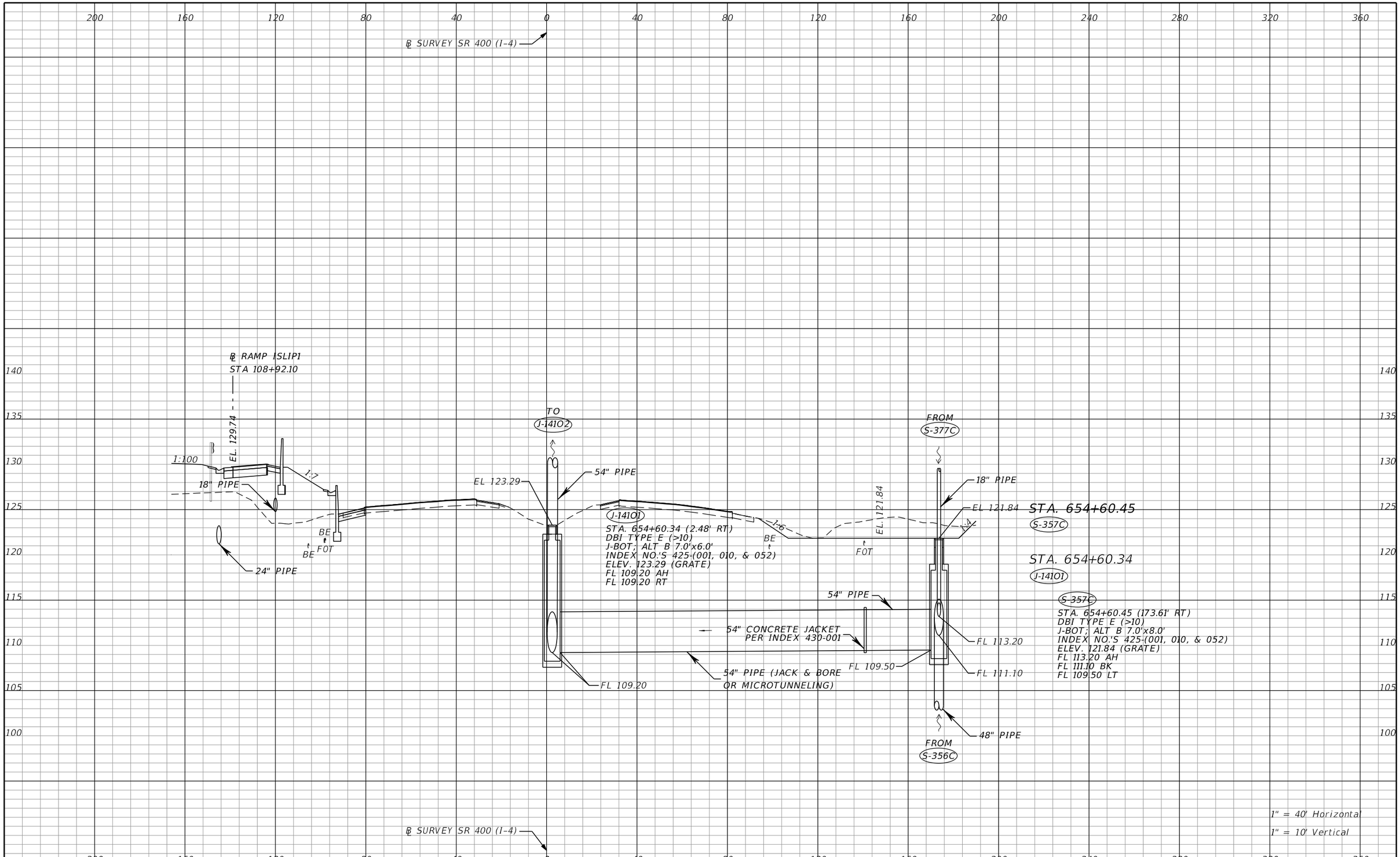
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 207



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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 208

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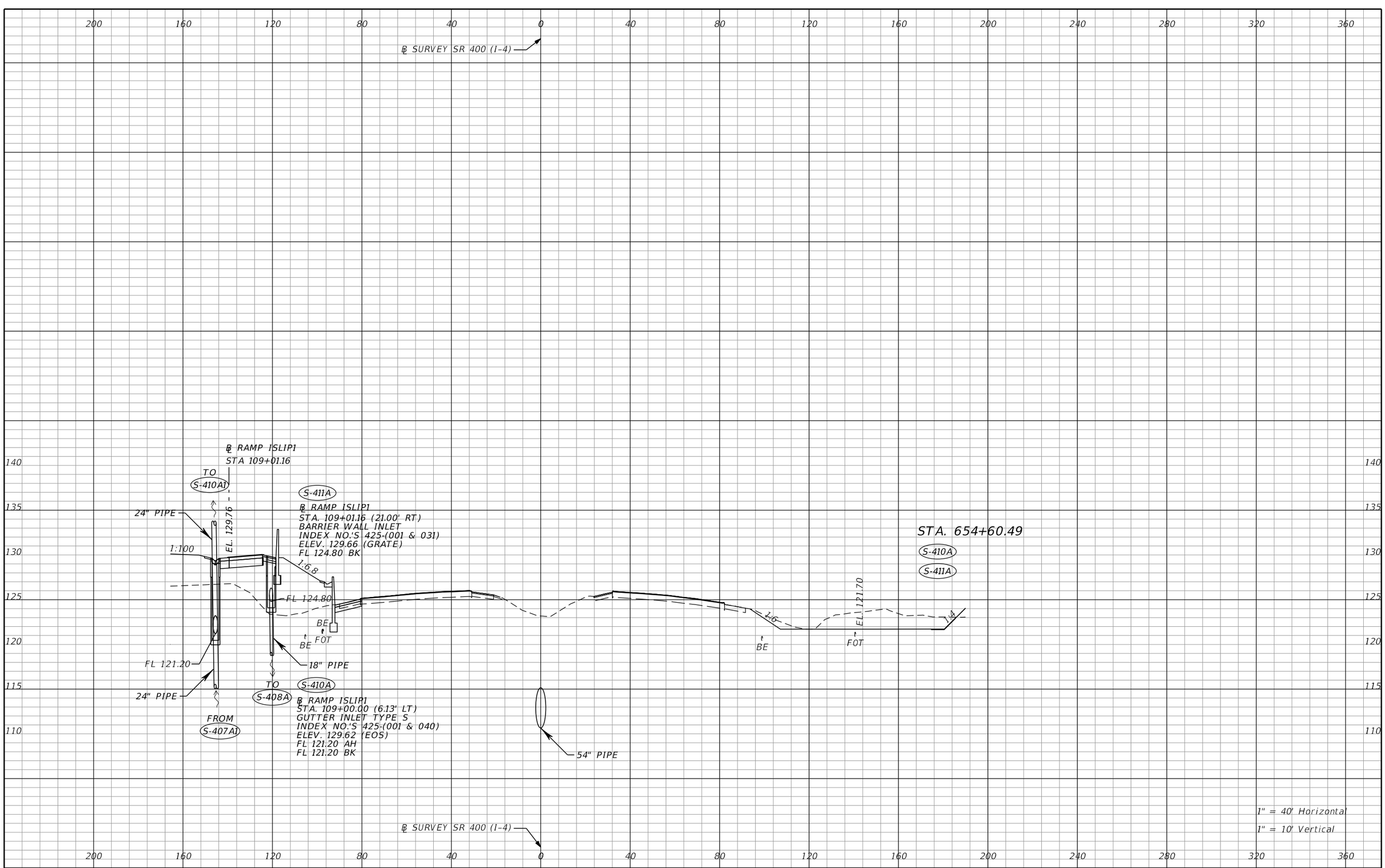

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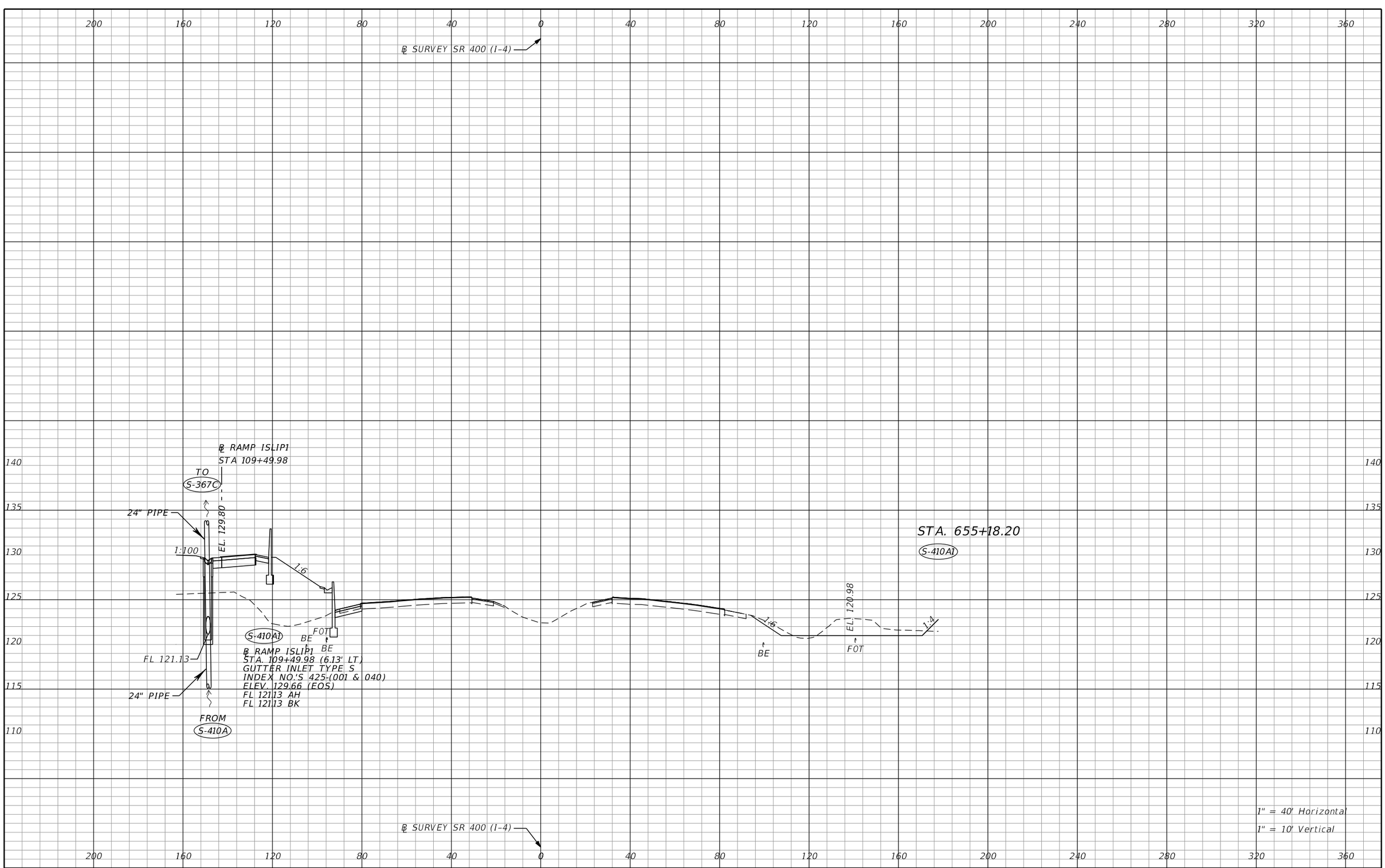
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 209



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 210

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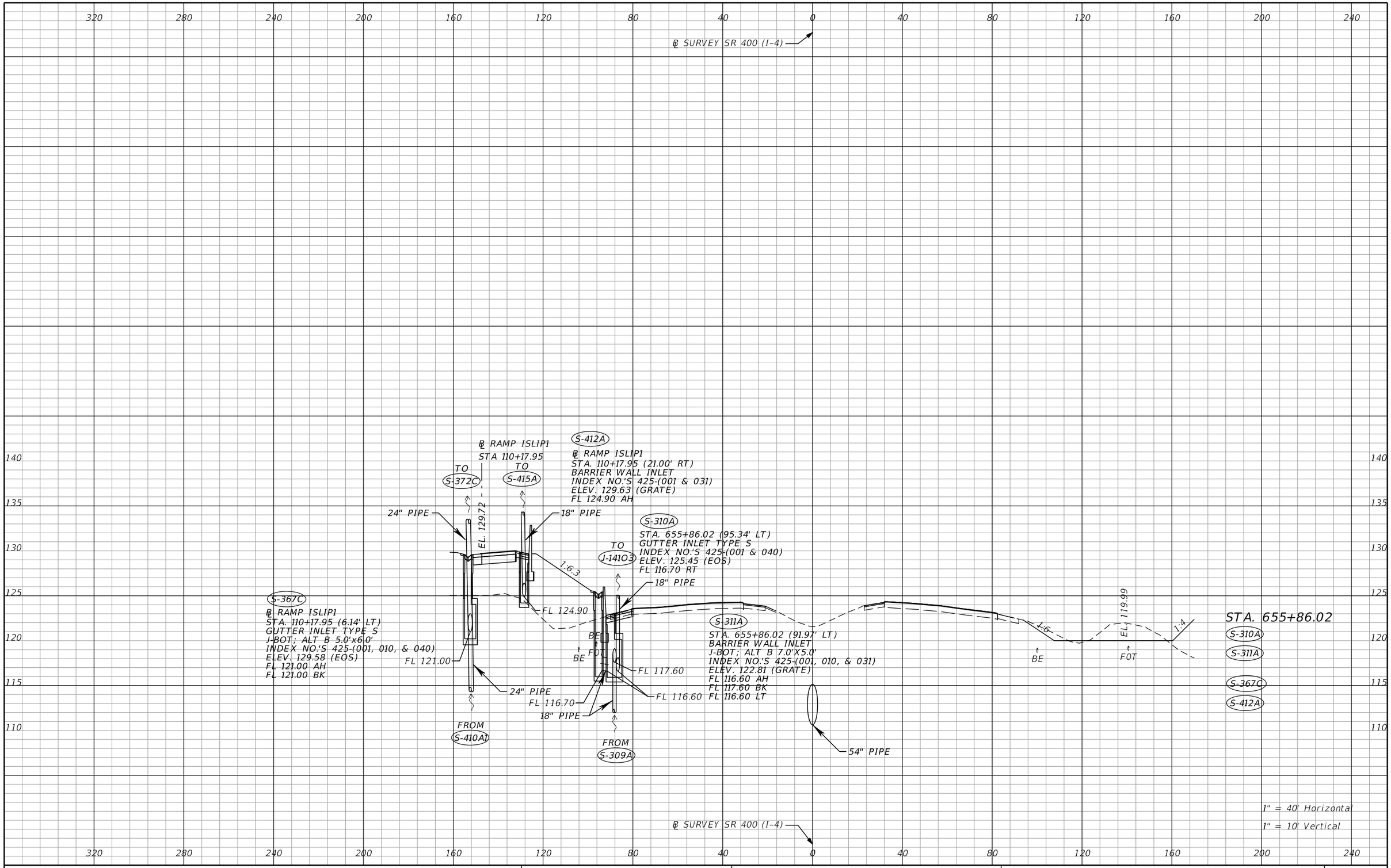

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 211

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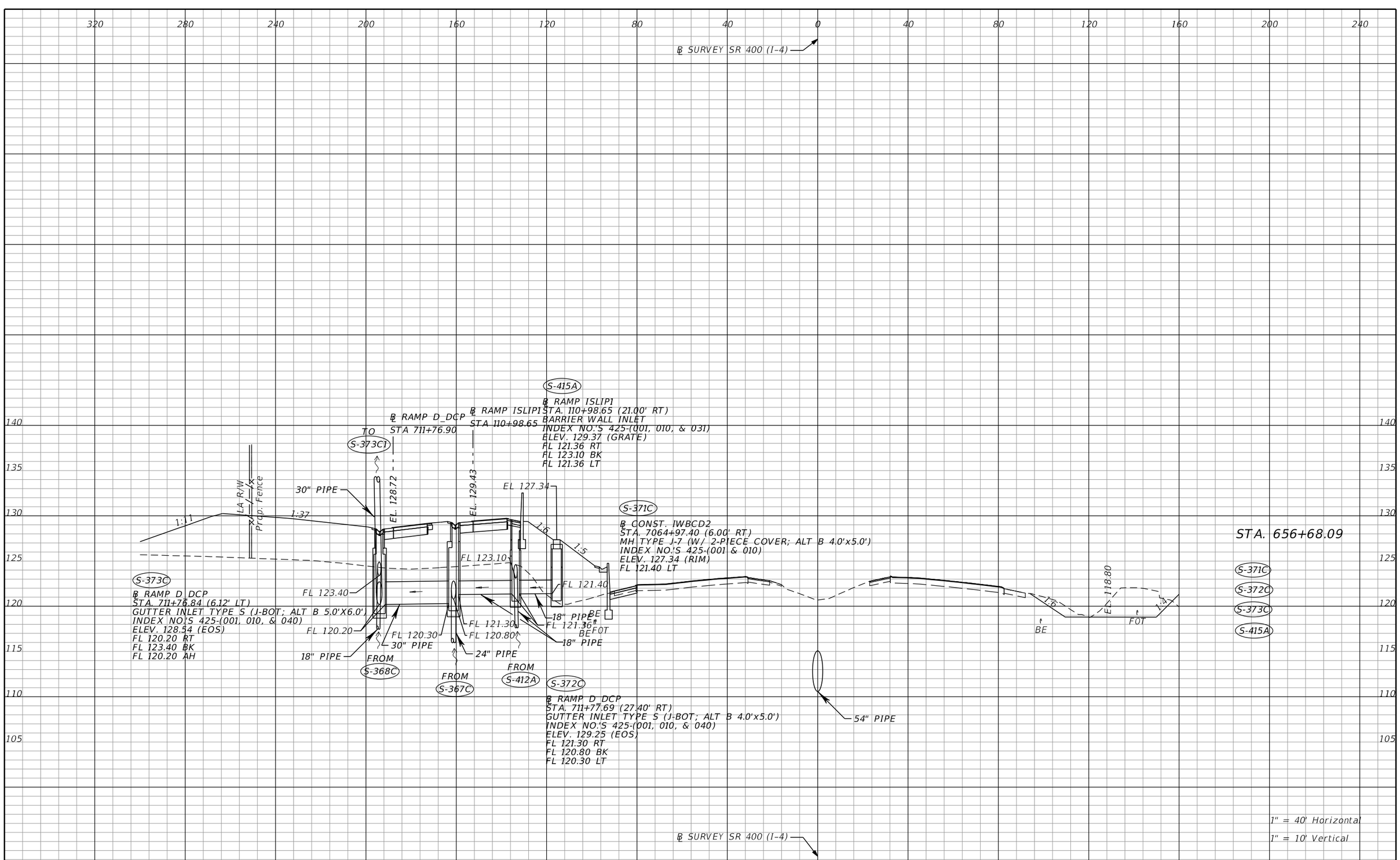

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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 212

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

℄ SURVEY SR 400 (I-4)

140 135 130 125 120 115 110 105

℄ RAMP D_DCP
STA 712+19.62

℄ RAMP ISLIP1
STA 111+40.27

TO S-373C2

EL. 128.49

EL. 129.22

30" PIPE

LA R/W

Prop. Fence

1:15

1:20

1:6.4

FL 120.10

30" PIPE

S-373C1

℄ RAMP D_DCP
STA. 712+19.62 (6.13' LT)
GUTTER INLET TYPE S (J-BOT; ALT B 5.0'X5.0')
INDEX NO.'S 425-(001, 010, & 040)
ELEV. 128.31 (EOS)
FL 120.10 AH
FL 120.10 BK

FROM S-373C

BE

FOT

BE

54" PIPE

FROM S-314A

18" PIPE

EL. 118.27

1:6

1:4

FE

S-377C

BE

S-377C

STA. 657+06.54 (142.50' RT)
DBI TYPE E
INDEX NO.'S 425-(001 & 052)
ELEV. 118.27 (GRATE)
FL 113.60 AH
FL 113.60 BK

FL 113.60

18" PIPE

TO S-357C

STA. 657+06.54

S-377C

S-373C1

℄ SURVEY SR 400 (I-4)

1" = 40' Horizontal

1" = 10' Vertical

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 213

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

℄ SURVEY SR 400 (I-4)

℄ RAMP D_DCP
STA 712+59.01

℄ RAMP ISLIP1
STA 111+80.13

℄ CONST IWBCD2
STA 7065+76.65

TO
S-385C

140 135 130 125 120 115 110

LA R/W
Prop. Fence

30" PIPE

EL. 128.36

EL. 129.72

1:6

1:15

1:2

S-373C2

℄ RAMP D_DCP
STA. 712+59.01 (6.13' LT)
GUTTER INLET TYPE S
I-BOT: ALT B 5.0'X5.0'
INDEX NO.'S 425-(001, 010, & 040)
ELEV. 128.18 (EOS)
FL 120.00 AH
FL 120.00 BK

FL 120.00

30" PIPE

FROM
S-373C1

BE
FOT

EL. 119.00

1:6

1:4

BE

FOT

STA. 657+46.34

S-373C2

℄ SURVEY SR 400 (I-4)

1" = 40' Horizontal
1" = 10' Vertical

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

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DRAINAGE STRUCTURE SECTIONS

SHEET NO. 214

glen.dvorovy 5/6/2020 4:51:24 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\DRXSRD01_SR400.DGN

℄ SURVEY SR 400 (I-4)

℄ RAMP D_DCP
STA 713+00.00

℄ RAMP ISLIP1
STA 112+21.52

℄ CONST IWBCD2
STA 7066+20.54

EL. 128.23

EL. 129.50

(S-386C1)

℄ RAMP D_DCP
STA. 713+00.00 (89.00' LT)
MH TYPE J-7 (>10
W/ 2-PIECE COVER;
ALT A 6.0' DIA
INDEX NO.'S 425-(001 & 010)
ELEV. 121.50 (RIM)
FL 112.70 RT
FL 110.50 LT

EL 121.50

1:6

1:15

1:4

LA R/W

Prop. Fence

42" PIPE

FL 112.70

42" PIPE

FL 110.50

TO (S-386C)

FROM (S-386C1)

(S-386C)

℄ RAMP D_DCP
STA. 712+95.76 (138.48' LT)
CROSS DRAIN MES (1:2)
INDEX NO.'S 430-021
ELEV. 103.00 FL

FL 119.50

FL 112.90

30" PIPE

FROM (S-373C2)

(S-385C)

FL 119.70

℄ RAMP D_DCP
STA. 713+00.00 (6.13' LT)
GUTTER INLET TYPE S (>10)
J-BOT; ALT B 5.0'X6.0'
INDEX NO.'S 425-(001, 010, & 040)
ELEV. 128.05 (EOS)
FL 119.50 BK
FL 119.50 RT
FL 112.90 LT

1:3

BE

FOT

(S-384C)

℄ CONST IWBCD2
STA. 7066+20.54 (8.00' RT)
BARRIER WALL INLET (J-BOT; ALT B 4.0'x5.0')
INDEX NO.'S 425-(001, 010 & 031)
ELEV. 129.00 (GRATE)
FL 119.70 LT
FL 119.70 RT (PLUG 30" HOLE FOR FUTURE USE)

STA. 657+90.90

1:4

BE

(S-384C)
(S-385C)
(S-386C)
(S-386C1)

℄ SURVEY SR 400 (I-4)

1" = 40' Horizontal
1" = 10' Vertical

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

140 135 130 125 120 115 110 105 100

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 215

℄ SURVEY SR 400 (I-4)

℄ RAMP D_DCP
STA 713+14.38

℄ RAMP ISLIP1
STA 112+36.03

℄ CONST IWBCD2
STA 7066+31.96

TO
S-393C

EL 125.59

EL 128.19

EL 129.45

LA R/W
Prop. Fence

1:6

1:14

1:16

1:4

1:3:1

1:4:3

S-389C
℄ RAMP D DCP
STA. 713+14.38 (30.84' LT)
MH TYPE J-7 (>10)
W/ 2-PIECE COVER; ALT B 7.0'x6.0'
INDEX NO.'S 425-(001 & 010)
ELEV. 125.59 (RIM)
FL 106.60 AH
FL 106.60 RT

54" PIPE

54" PIPE

54" PIPE (JACK & BORE OR MICROTUNNELING)

54" CONCRETE JACKET PER INDEX 430-001

18" PIPE
FL 113.75

FL 106.60

J-141O3
STA. 658+01.26 (91.84' LT)
BARRIER WALL INLET (>10)
J-BOT; ALT B 7.0'x6.0'
INDEX NO.'S 425-(001, 010, & 031)
ELEV. 119.86 (GRADE)
FL 113.75 LT
FL 106.80 RT
FL 106.80 LT
FL 113.60 RK

S-312A
STA. 658+01.26 (95.25' LT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 040)
ELEV. 122.58 (EOS)
FL 113.80 RT

BE

1.71'

FL 113.80 RT

FL 113.60

EL 118.88

FL 106.80

FL 106.90

FL 108.80

54" PIPE
(MICROTUNNELING)

54" PIPE

18" PIPE

FROM
S-311A

FROM
J-141O1

J-141O2
STA. 658+01.26 (2.48' RT)
DBI TYPE E (>10)
J-BOT; ALT B 7.0'x6.0'
INDEX NO.'S 425-(001, 010, & 052)
ELEV. 118.88 (GRADE)
FL 106.90 LT
FL 108.80 BK

BE

STA. 658+01.26
S-312A
J-141O3
J-141O2
S-389C

℄ SURVEY SR 400 (I-4)

1" = 40' Horizontal
1" = 10' Vertical

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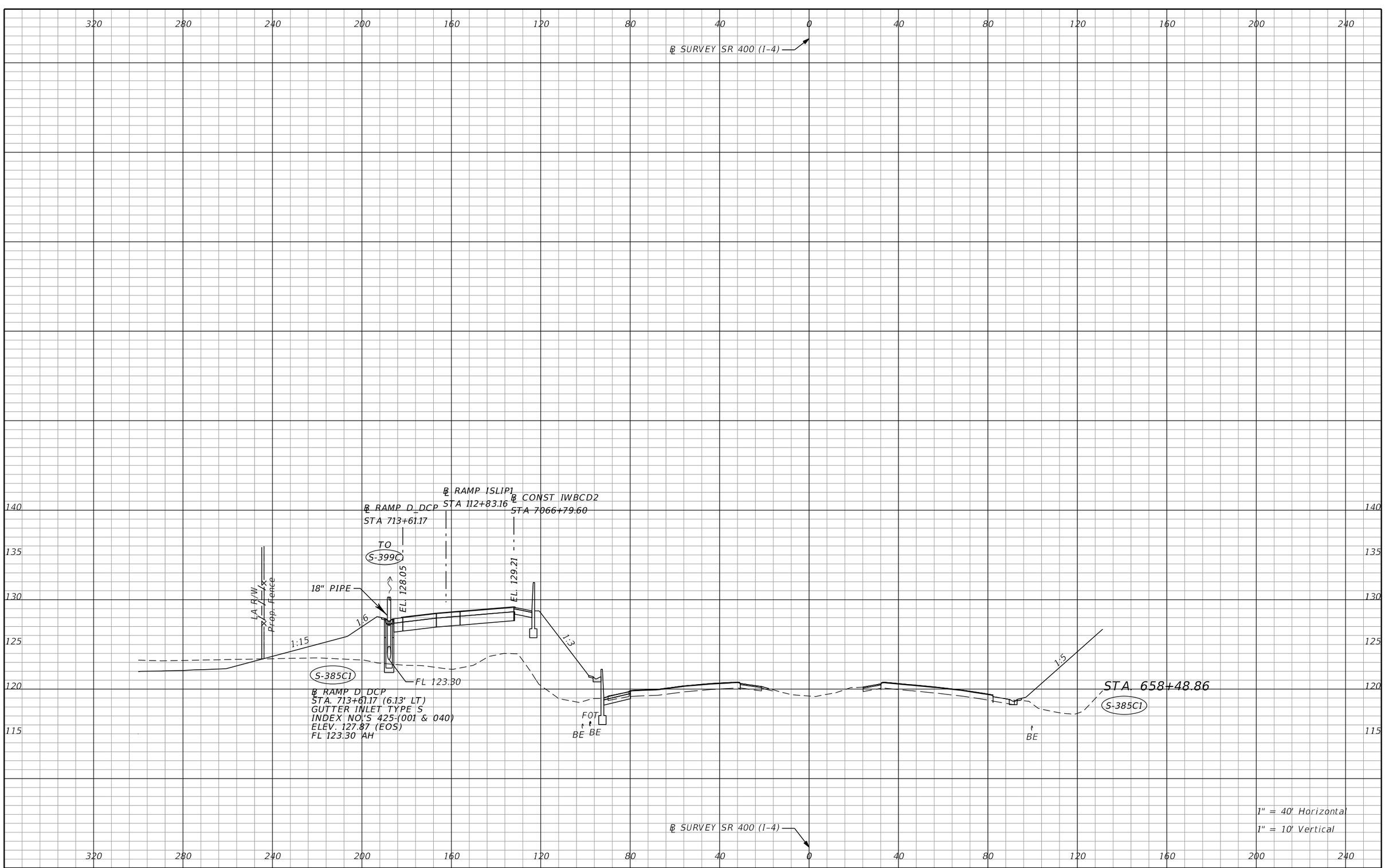
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 216



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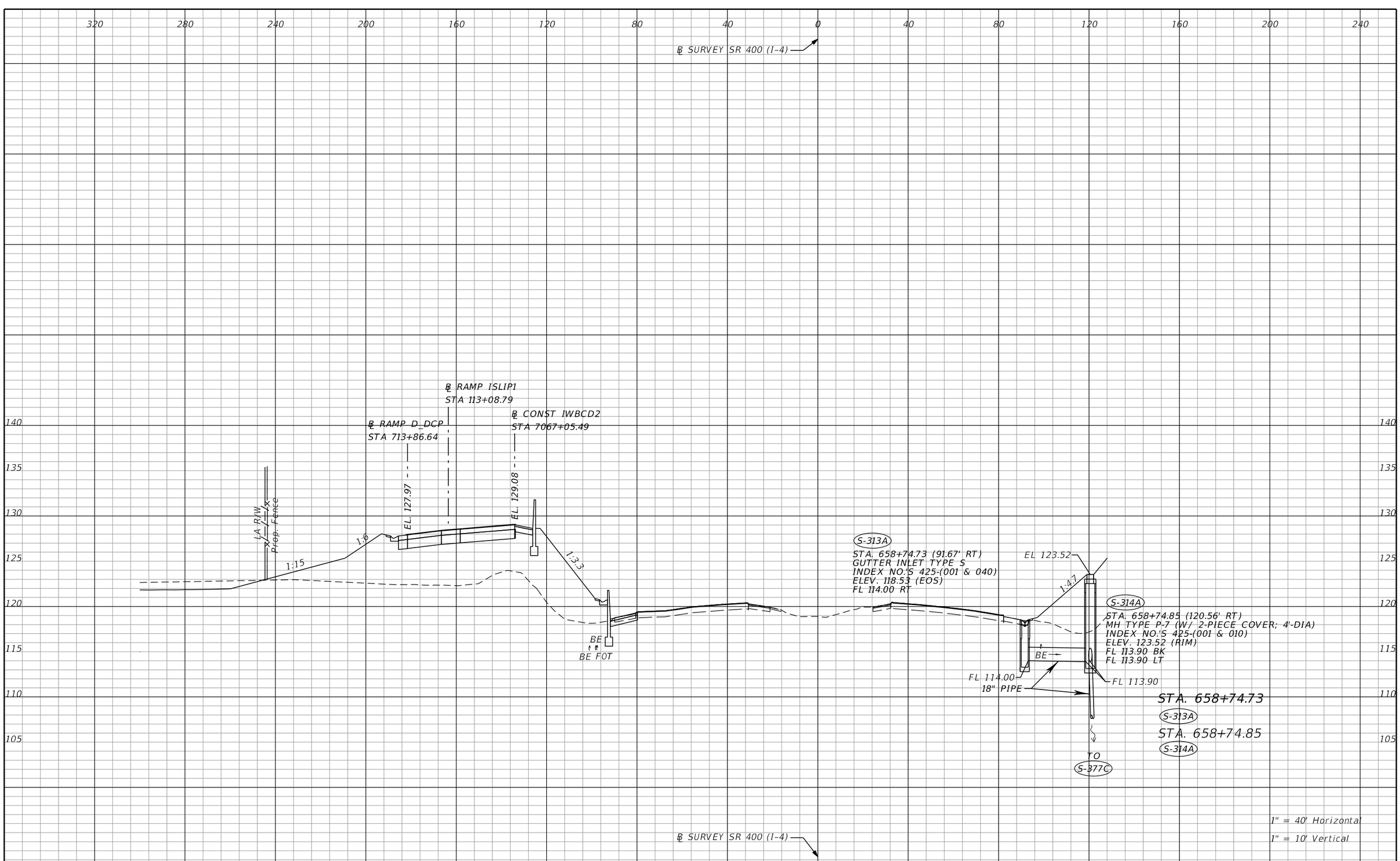
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 217



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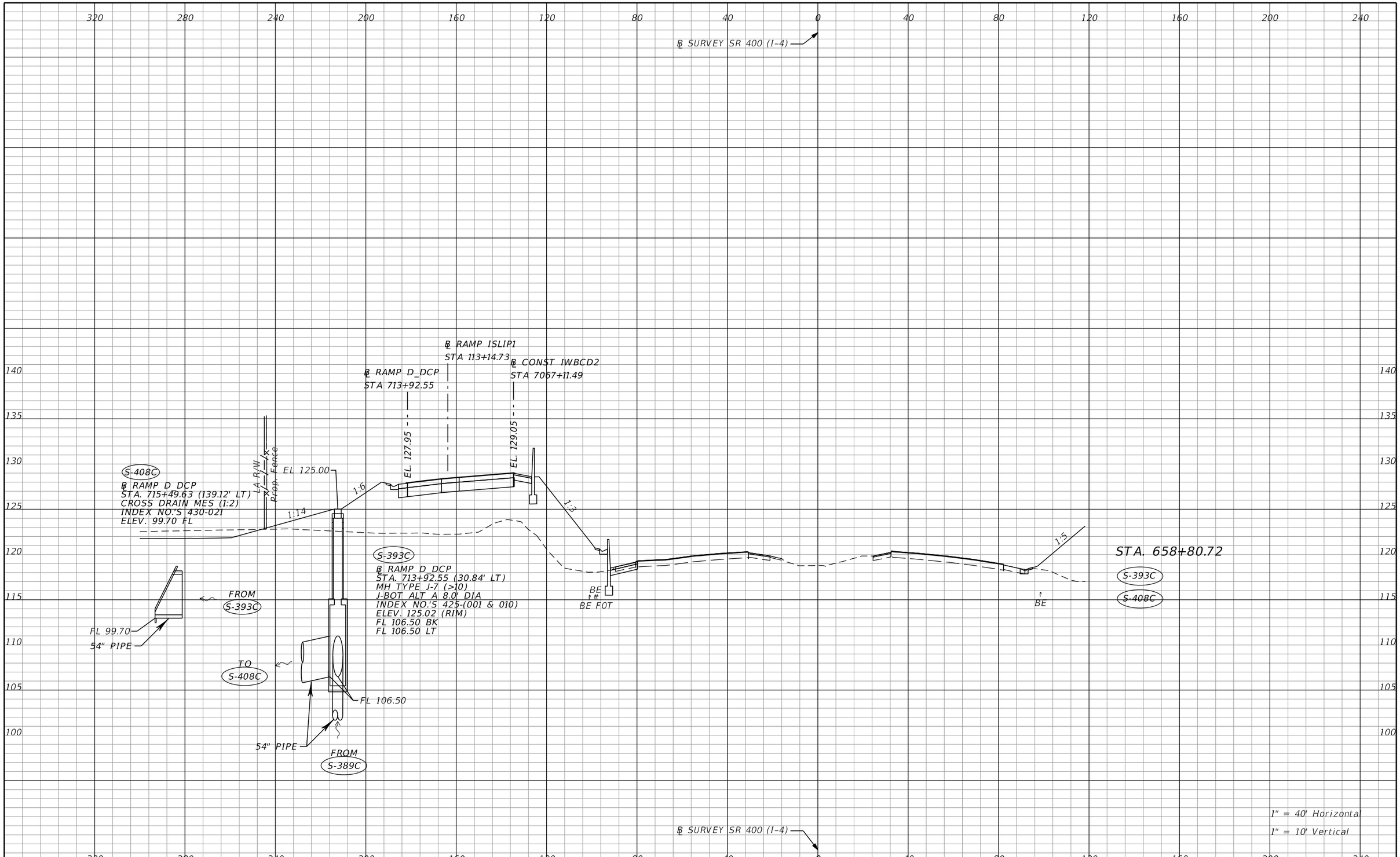
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 218



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DRAINAGE STRUCTURE SECTIONS

SHEET NO.
219

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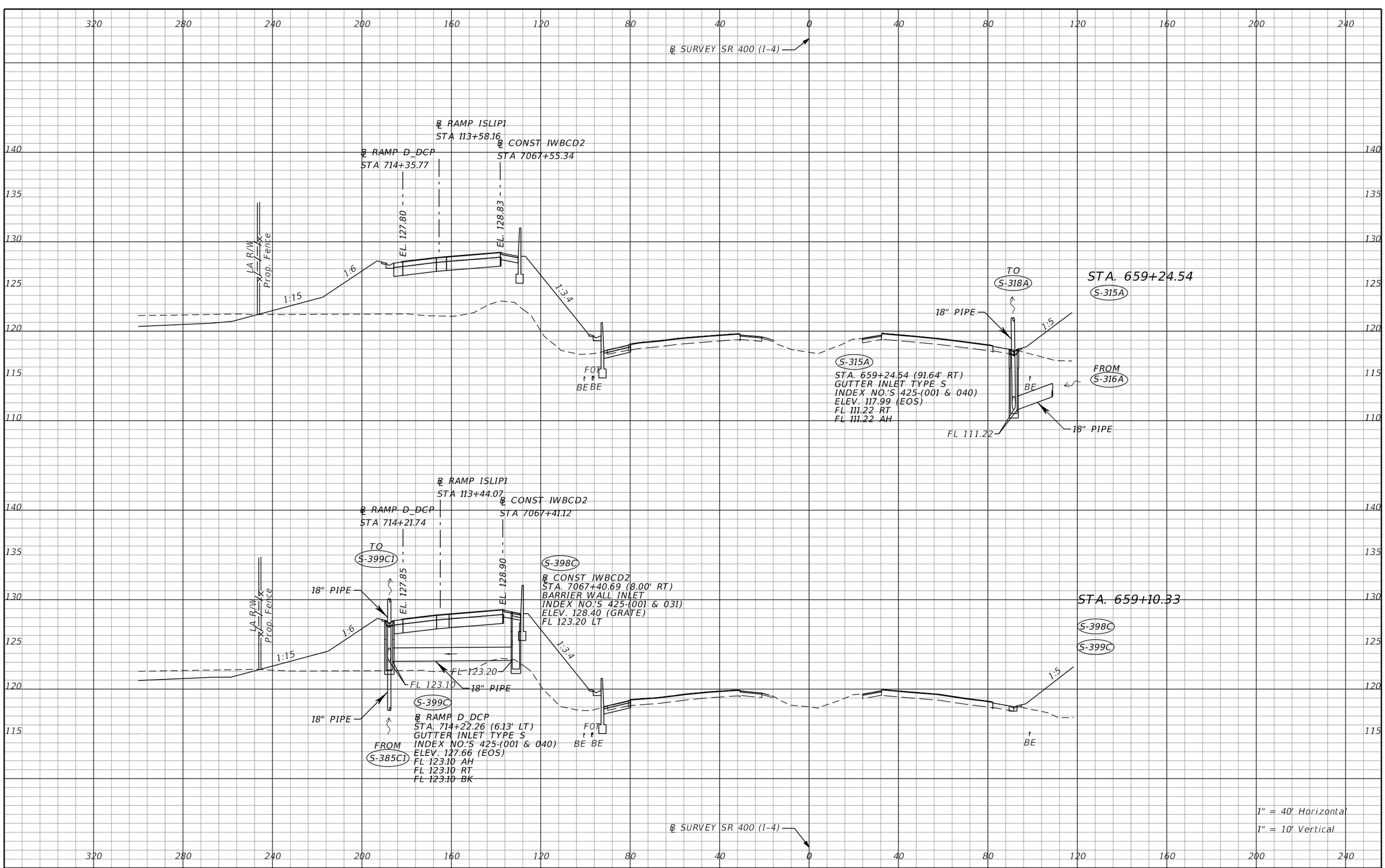

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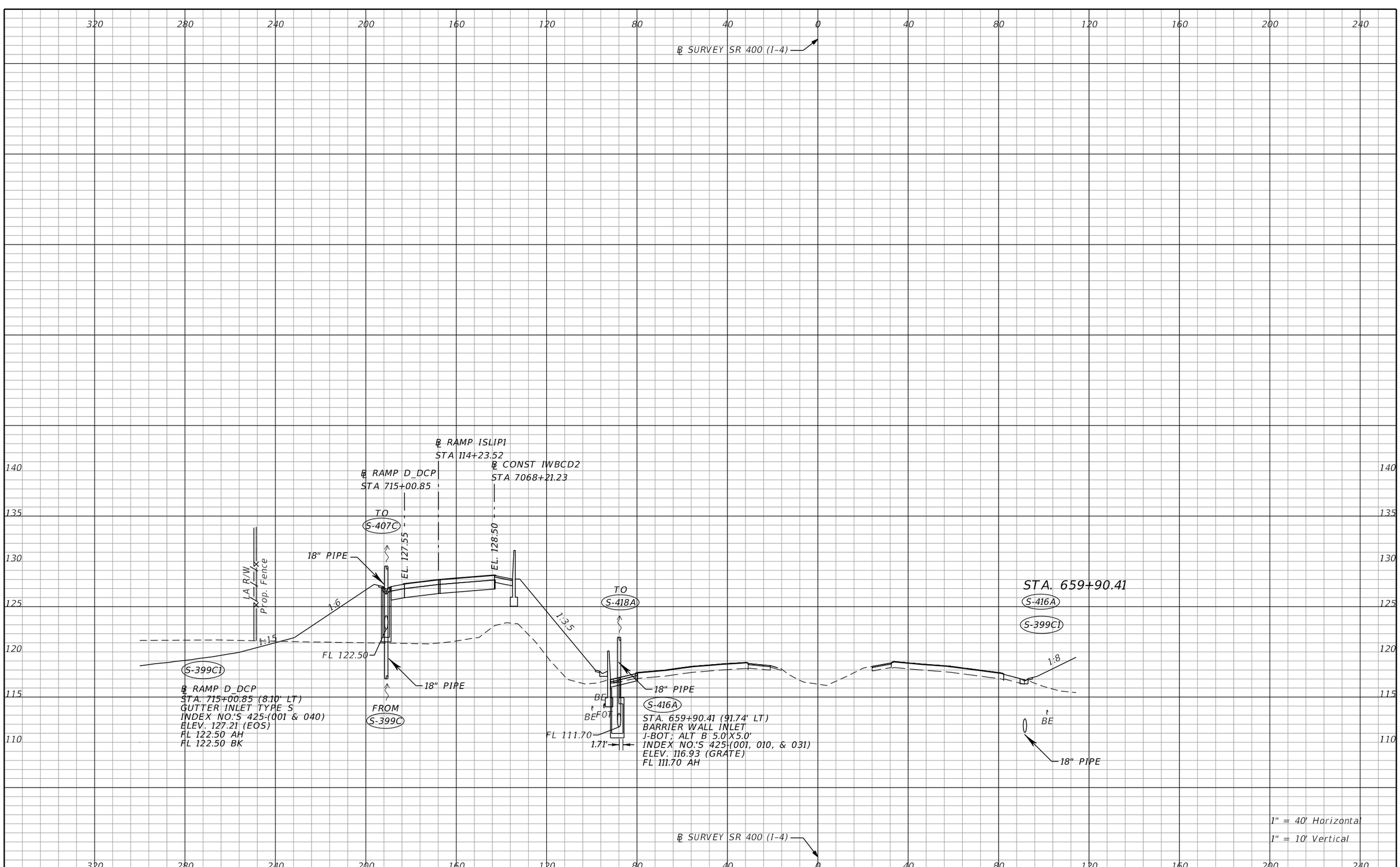
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 220



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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 221

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℄ SURVEY SR 400 (I-4)

℄ RAMP D_DCP
STA 715+69.89

℄ CONST IWBCD2
STA 7068+90.99

TO S-407C1

EL. 127.27

EL. 128.15

24" PIPE

LA R/W

Prop. Fence

1:6

1:3.5

FL 122.20

FL 121.60

18" PIPE

FL 122.10

18" PIPE

FROM S-399C1

S-406C

℄ CONST IWBCD2
STA. 7068+90.94 (8.00' RT)
BARRIER WALL INLET
INDEX NO.'S 425-(001 & 031)
ELEV. 127.65 (GRATE)
FL 122.20 LT

FOT

BE BE

S-407C

℄ RAMP D_DCP
STA. 715+69.56 (9.71' LT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 040)
ELEV. 126.75 (EOS)
FL 122.10 RT
FL 122.10 BK
FL 121.60 AH

STA. 660+60.17

TO S-320A

S-318A

S-406C

S-407C

18" PIPE

1:15

FL 111.00

BE

18" PIPE

FROM S-315A

S-318A

STA. 660+60.17 (91.59' RT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 040)
ELEV. 116.23 (EOS)
FL 111.00 AH
FL 111.00 BK

℄ SURVEY SR 400 (I-4)

1" = 40' Horizontal

1" = 10' Vertical

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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 222

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℄ SURVEY SR 400 (I-4)

℄ RAMP D_DCP
STA 716+04.37

℄ CONST IWBCD2
STA 7069+25.80

EL. 127.12

EL. 127.98

LA R/W

Prop. Fence

1:6

1:3.5

TO
S-420A

18" PIPE

BE

BE FC

FL 109.60

18" PIPE

FL 109.50

FL 109.00

FL 110.00

1.71'

3.29'

18" PIPE

FROM
S-416A

S-417A

STA. 660+94.99 (95.04' LT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 040)
ELEV. 115.30 (EOS)
FL 109.60 RT

STA. 660+94.99

S-417A

S-418A

1:25

BE

S-418A

STA. 660+94.99 (91.68' LT)
BARRIER WALL INLET
J-BOT; ALT B 5.0'X5.0'
INDEX NO.'S 425-(001, 010, & 031)
ELEV. 115.29 (GRATE)
FL 110.00 BK
FL 109.50 LT
FL 109.00 AH

℄ SURVEY SR 400 (I-4)

1" = 40' Horizontal

1" = 10' Vertical

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

140 135 130 125 120 115 110 105 100

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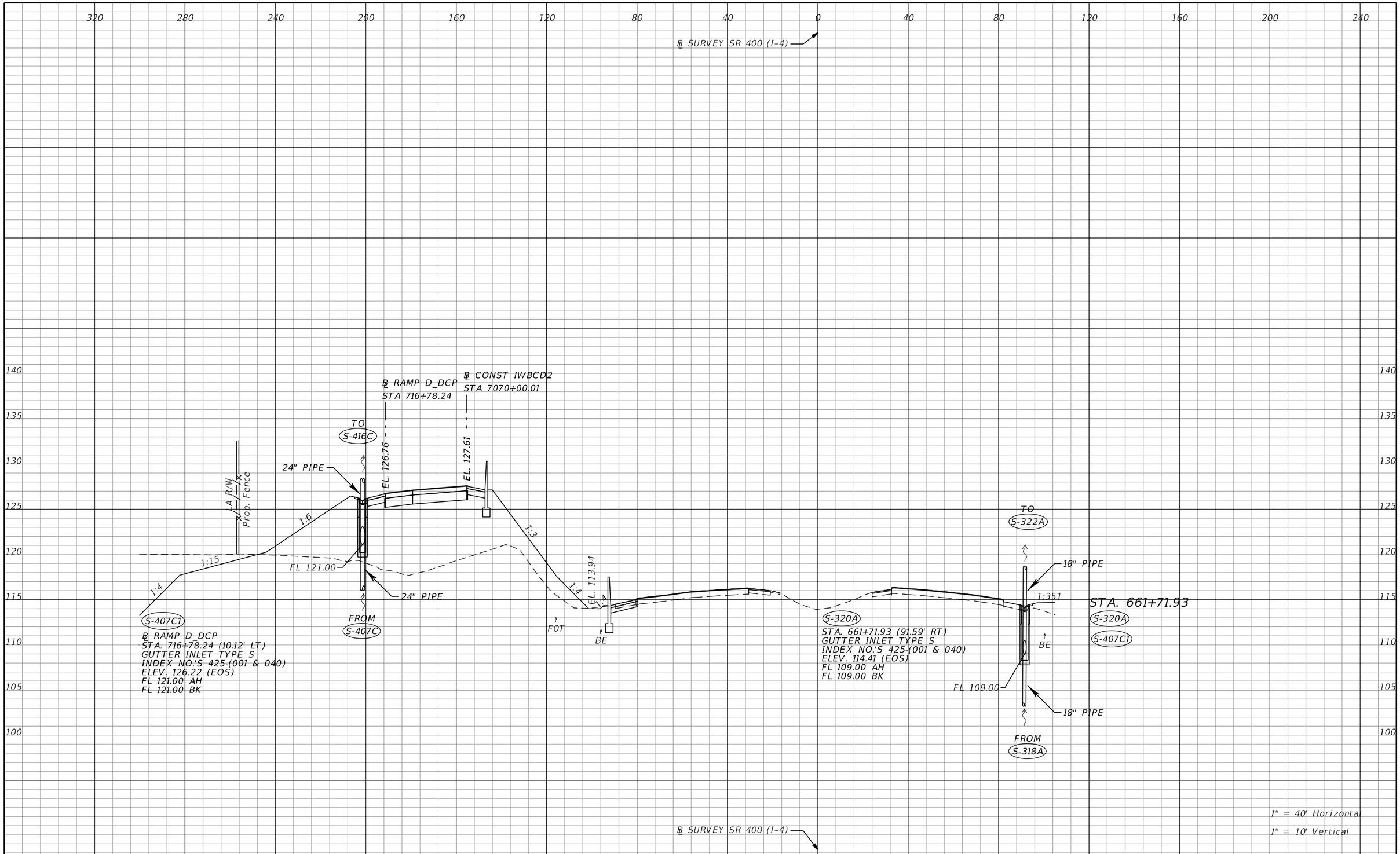
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 223



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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 224

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℄ SURVEY SR 400 (I-4)

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

140 135 130 125 120 115 110 105 100 95

℄ CONST IWBCD2
STA 7070+91.44

EL. 127.15

TO
S-416C1

24" PIPE

LA R/W
Prop. Fence

1:6

1:15

1:4

1:3

FL 121.10

FL 120.50

18" PIPE

FL 121.00

24" PIPE

S-416C

FROM
S-407C

℄ CONST IWBCD2
STA. 7070+91.36 (46.12' LT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 040)
ELEV. 125.77 (EOS)
FL 120.50 AH
FL 120.50 BK
FL 121.00 RT

FOT

S-415C

℄ CONST IWBCD2
STA. 7070+91.44 (8.00' RT)
BARRIER WALL INLET
INDEX NO.'S 425-(001 & 031)
ELEV. 126.65 (GRATE)
FL 121.10 LT

TO
S-421A

24" PIPE
EL 112.75

1:4

BE

FL 105.00

FL 105.70

24" PIPE

FL 105.75

18" PIPE

FROM
S-418A

S-419A
STA. 662+63.17 (103.49' LT)
DBI TYPE E (J-BOT 4.0'X5.0')
INDEX NO.'S 425-(001, 010, & 052)
ELEV. 112.75 (GRATE)
FL 105.00 AH
FL 105.70 RT

S-420A
STA. 662+63.17 (91.58' LT)
BARRIER WALL INLET
INDEX NO.'S 425-(001 & 031)
ELEV. 113.28 (GRATE)
FL 108.70 BK
FL 105.75 LT

FL 108.70

S-322A
STA. 662+63.66 (91.59' RT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 040)
ELEV. 113.32 (EOS)
FL 108.00 RT
FL 108.00 BK

1:13

18" PIPE

TO
S-323A

FL 108.00

18" PIPE

FROM
S-320A

STA. 662+63.17
S-419A
S-420A
S-415C
S-416C

STA. 662+63.66
S-322A

1" = 40' Horizontal
1" = 10' Vertical

℄ SURVEY SR 400 (I-4)

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

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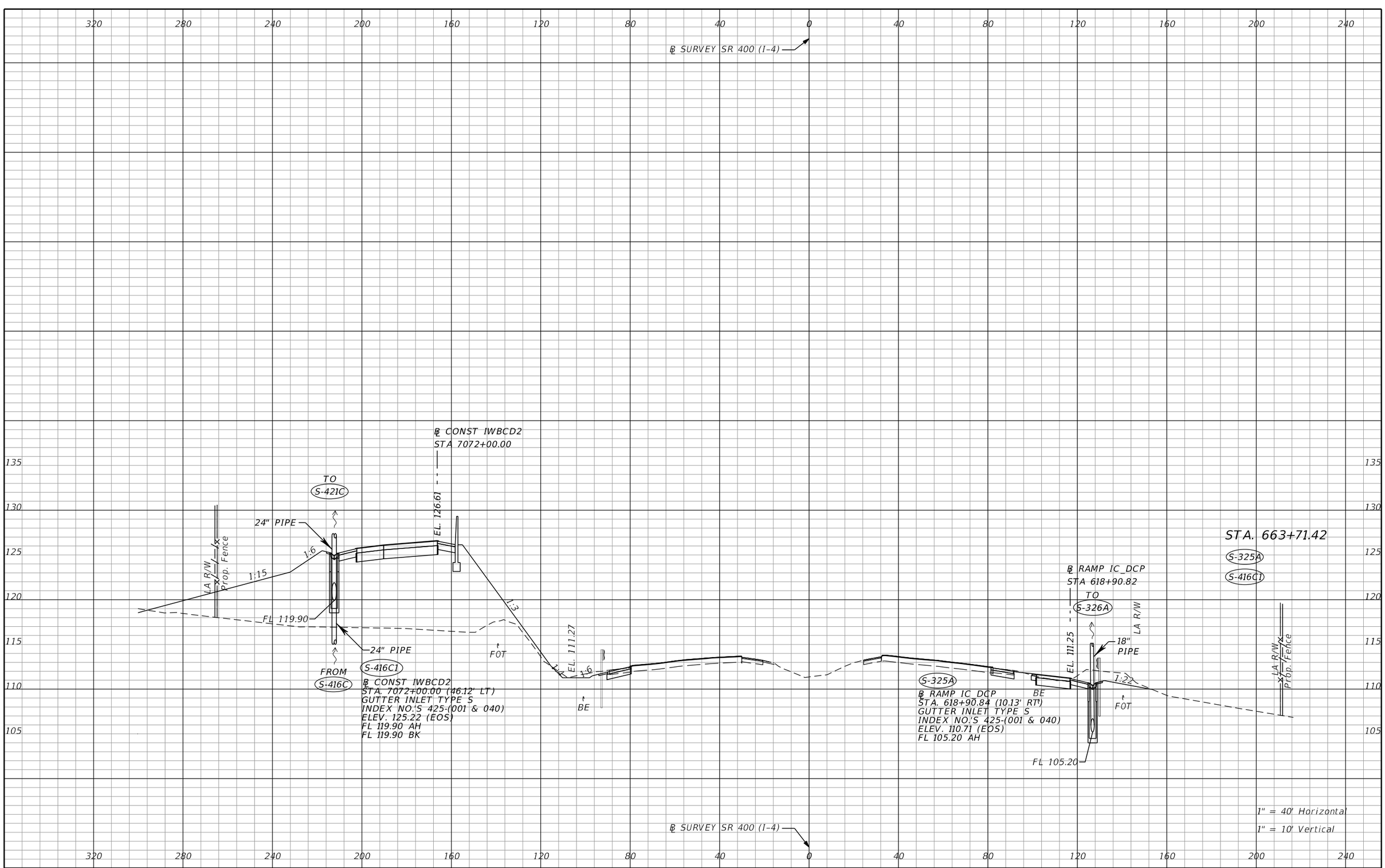
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 225



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DRAINAGE STRUCTURE SECTIONS

SHEET NO. 226

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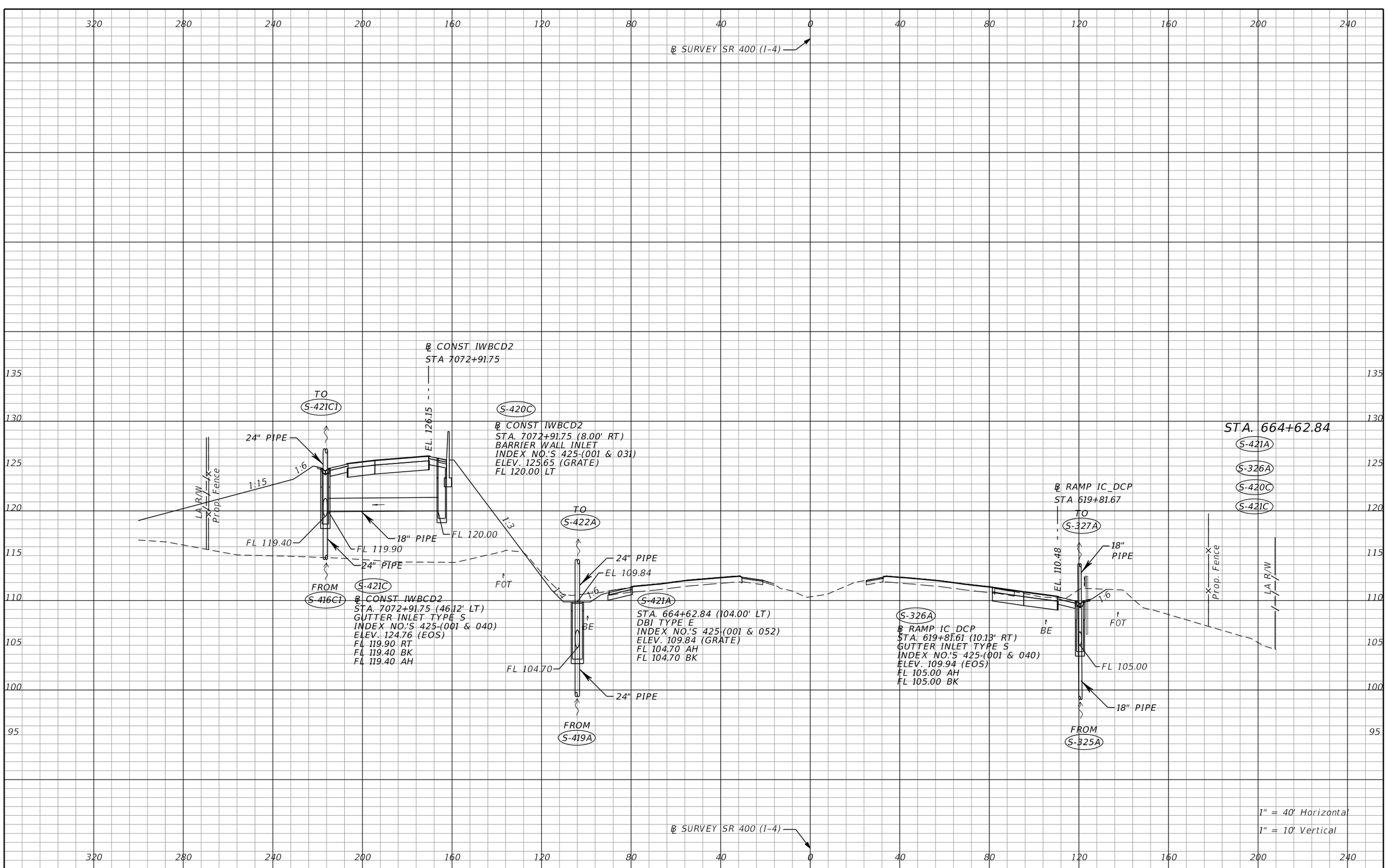

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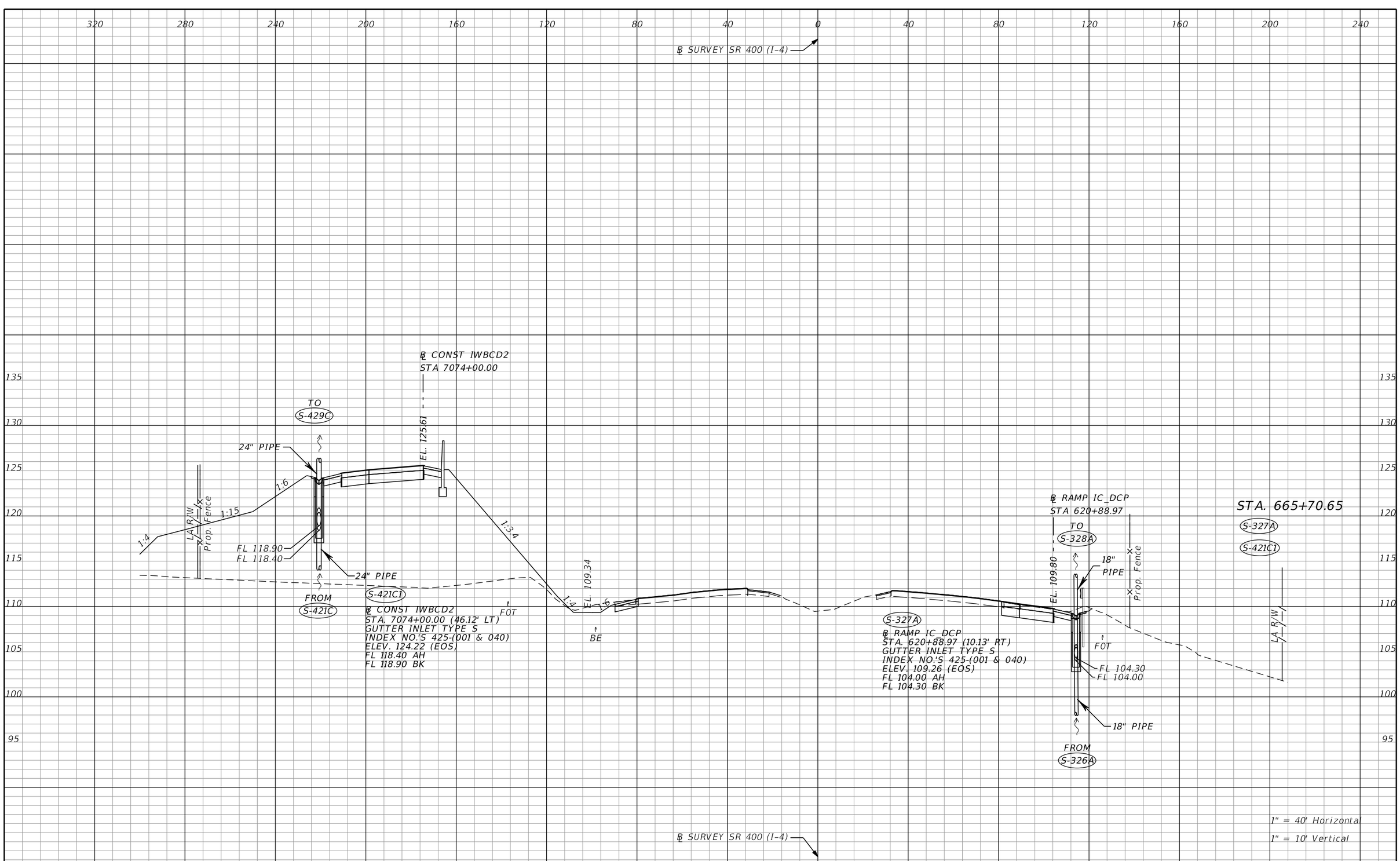
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 227



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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO.
228

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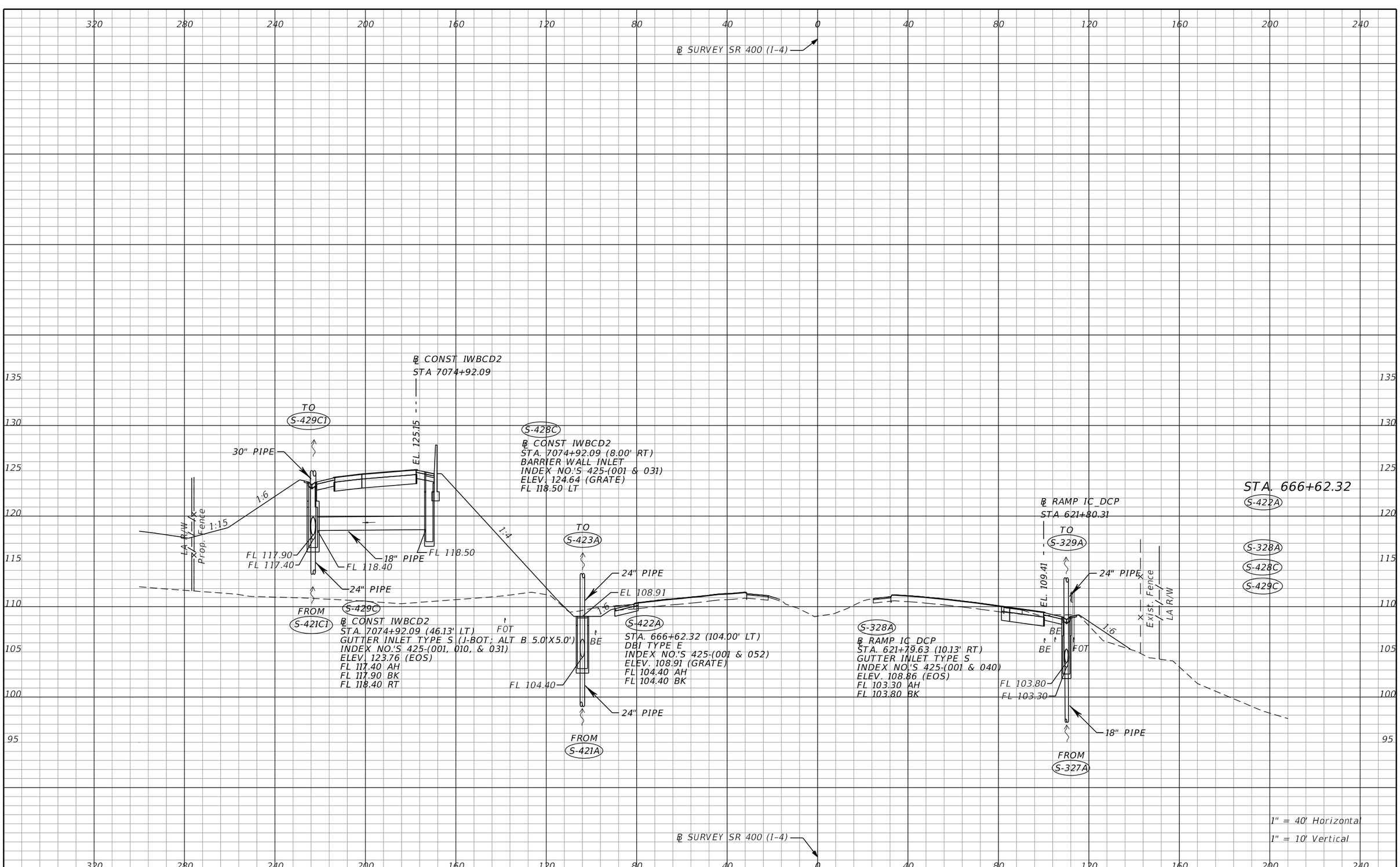

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DRAINAGE STRUCTURE SECTIONS

SHEET NO. 229

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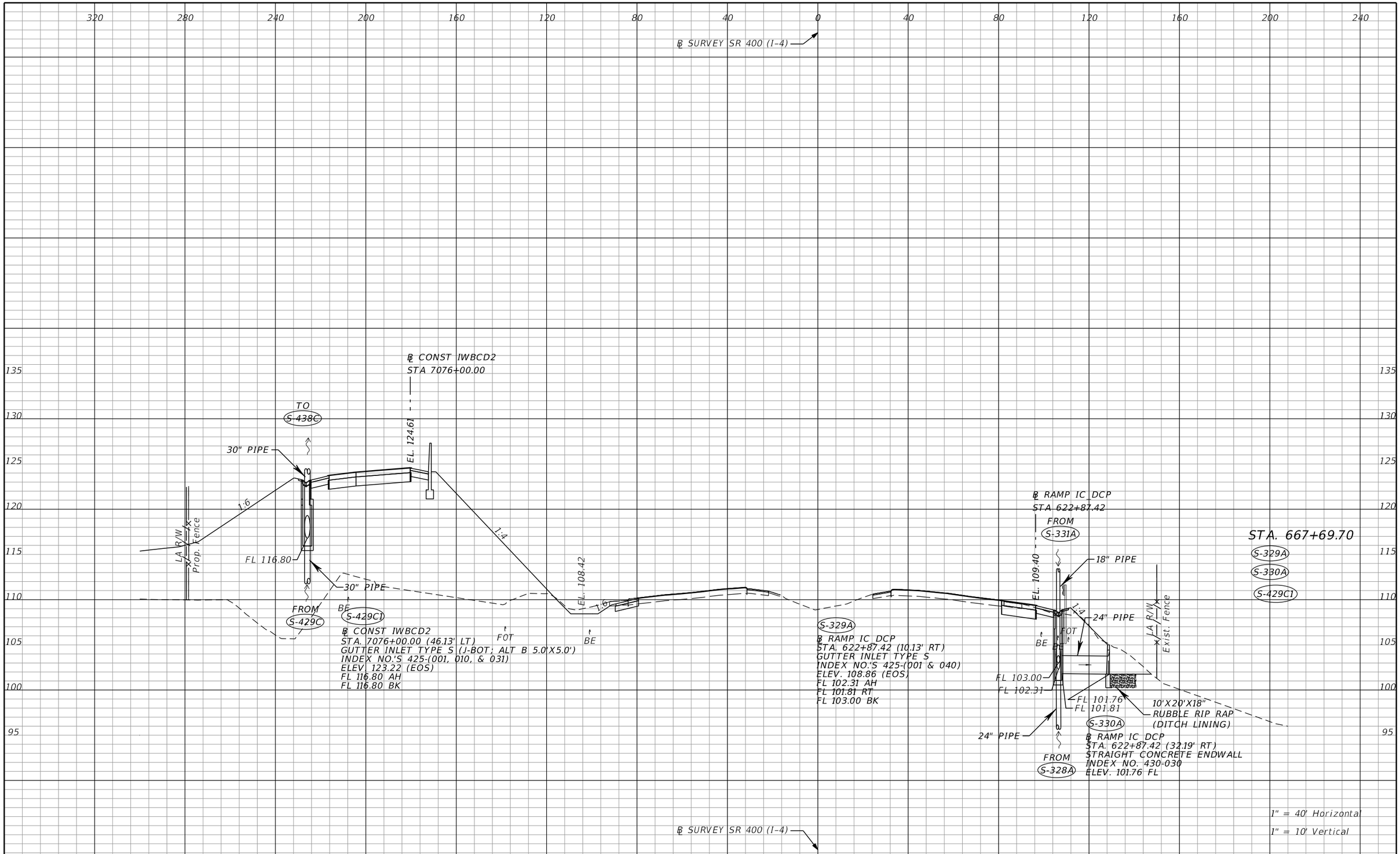

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REVISIONS			
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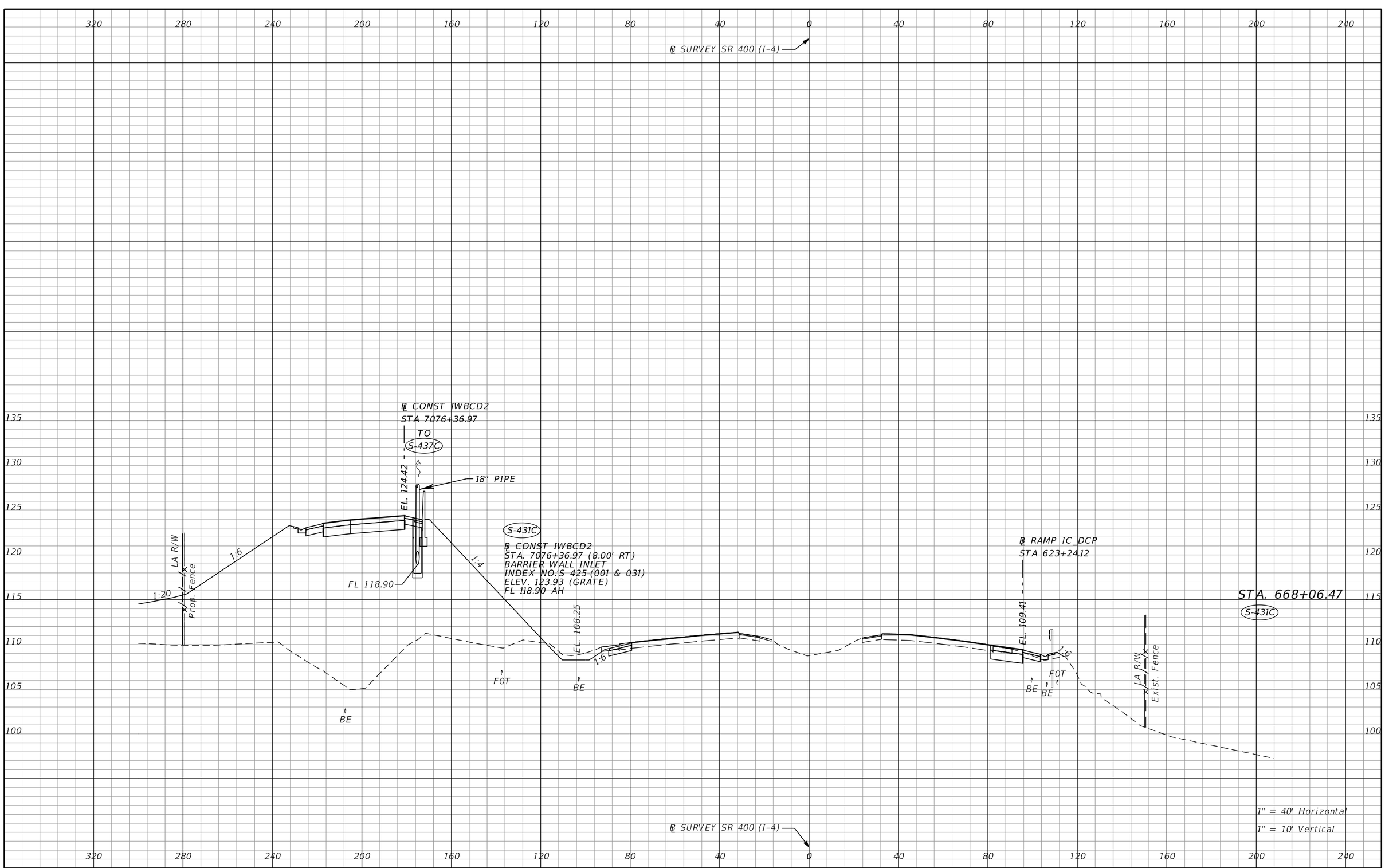
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 230



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DEPARTMENT OF TRANSPORTATION

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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 231

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℄ SURVEY SR 400 (I-4)

℄ CONST IWBCD2
STA 7076+92.32

FROM
S-438C1

18" PIPE

EL. 124.14

S-437C

℄ CONST IWBCD2
STA. 7076+92.31 (8.00' RT)
BARRIER WALL INLET
INDEX NO.'S 425-(001 & 031)
ELEV. 123.68 (GRADE)
FL 118.60 BK
FL 117.40 LT

FL 118.60
FL 117.40

S-439C

℄ CONST PND141
STA. 622+82.50 (163.44' RT)
CROSS DRAIN MES (1:2)
INDEX NO.'S 430-021
ELEV. 95.50 FL

EL 113.97

FROM
S-439C1

LA R/W
Prop. Fence

1.6

FL 117.30
FL 116.30

36" PIPE

18" PIPE

1:4

TO
S-424A

24" PIPE
EL 108.00

FL 95.50
FL 107.90

36" PIPE

S-439C1

FL 108.10

30" PIPE
BE

S-438C

FROM
S-431C

FOT

S-423A

STA. 668+61.53 (104.00' LT)
DBI TYPE E
INDEX NO.'S 425-(001 & 052)
ELEV. 108.00 (GRADE)
FL 104.10 AH
FL 104.10 BK

FL 104.10

24" PIPE

TO
S-439C

FL 103.50

℄ CONST IWBCD2
STA. 7076+92.32 (112.44' LT)
MH TYPE J-7 (>10)
W/ 2 PIECE COVER;
ALT A 5.0' DIA
INDEX NO.'S 425-(001 & 010)
ELEV. 113.97 (RIM)
FL 107.90 RT
FL 103.50 LT

℄ CONST IWBCD2
STA. 7076+92.32 (46.13' LT)
GUTTER INLET TYPE S (>10)
J-BOT; ALT B 5.0'X6.0'
INDEX NO.'S 425-(001, 010, & 040)
ELEV. 122.76 (EOS)
FL 117.30 RT
FL 116.30 BK
FL 117.30 AH
FL 108.10 LT

FROM
S-429C1

FROM
S-422A

S-331A

℄ RAMP IC_DCP
STA 623+79.07

FROM
S-332A

EL. 109.41

18" PIPE

℄ RAMP IC_DCP
STA. 623+79.05 (10.13' RT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 040)
ELEV. 109.00 (EOS)
FL 102.49 AH
FL 102.49 BK

FOT

BE

LA R/W
Exist. Fence

FL 102.49

18" PIPE

TO
S-329A

STA. 668+61.53

S-423A
S-331A
S-437C
S-438C
S-439C
S-439C1

1" = 40' Horizontal
1" = 10' Vertical

℄ SURVEY SR 400 (I-4)

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

135 130 125 120 115 110 105 100 95

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 232

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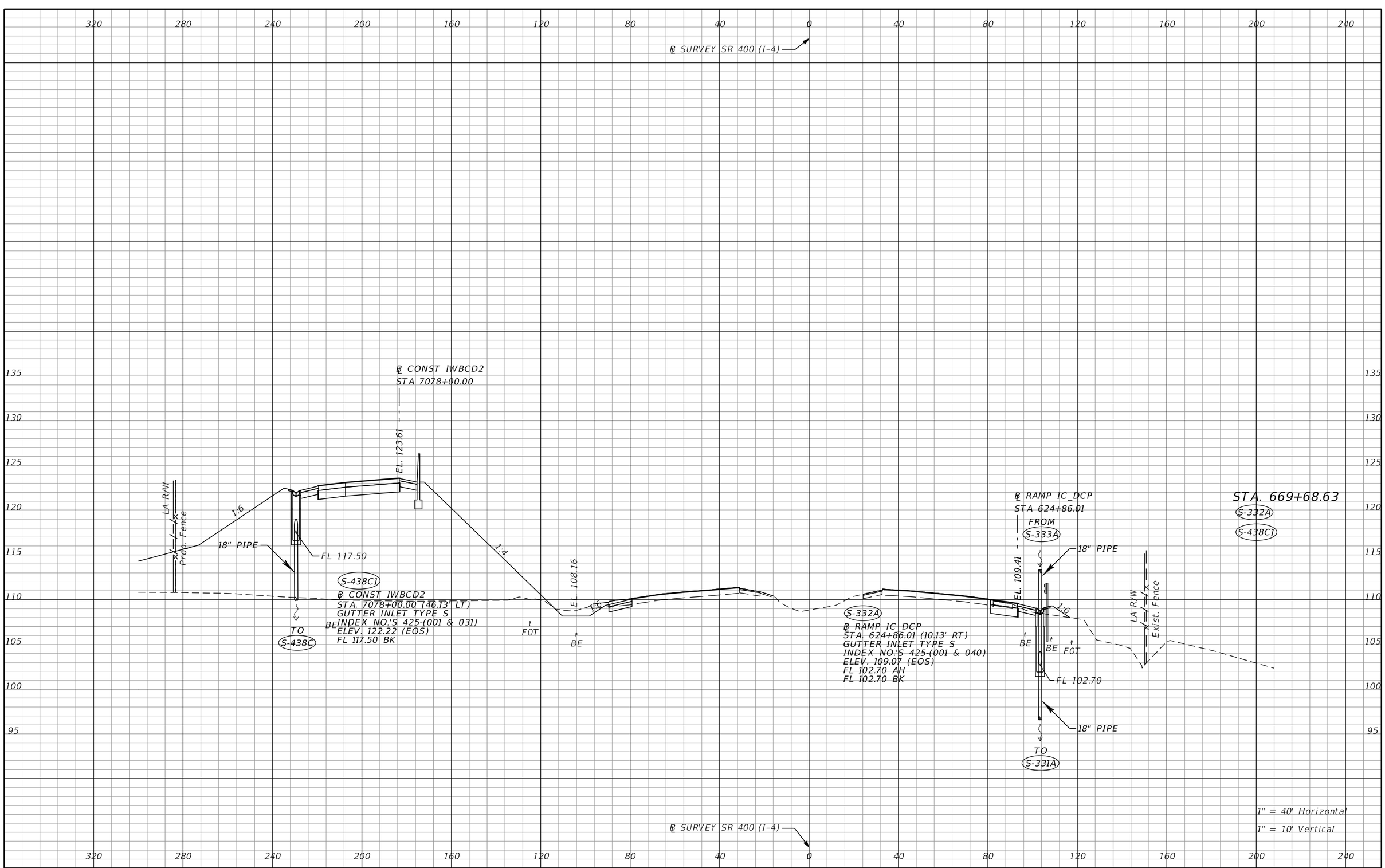

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DRAINAGE STRUCTURE SECTIONS

SHEET NO. 233

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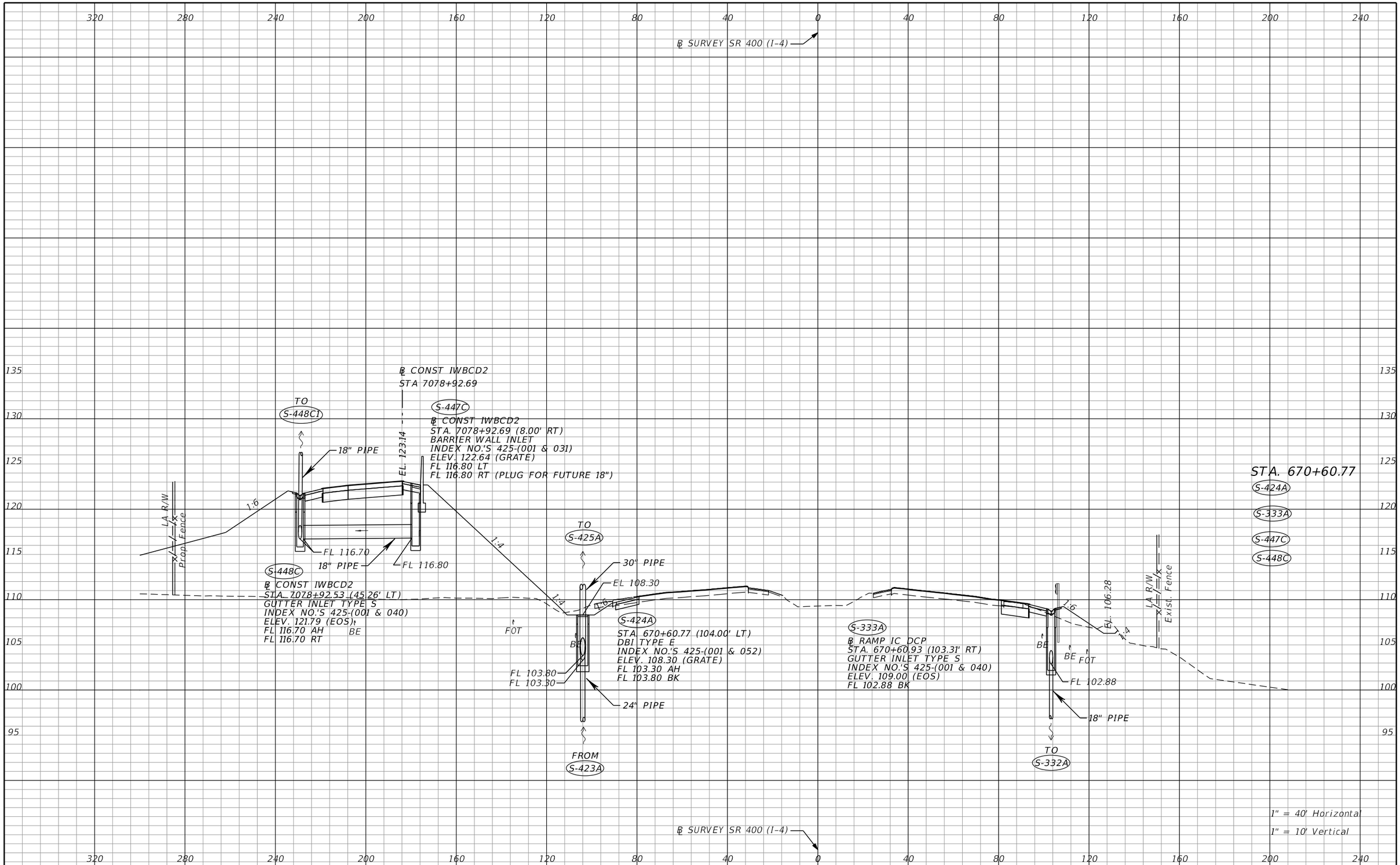

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DRAINAGE STRUCTURE SECTIONS

SHEET NO. 234

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320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

℄ SURVEY SR 400 (I-4)

135 130 125 120 115 110 105

℄ CONST IWBCD2
STA 7079+98.81

TO
S-457C

18" PIPE

EL. 122.61

LA R/W

Prop. Fence

1:15

1:6

18" PIPE

FL 116.50
FL 116.10

1:5

EL. 108.46

1:6

S-448C1
℄ CONST IWBCD2
STA. 7079+98.90 (41.01' LT)
BEGUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 031)
ELEV. 121.38 (EOS)
FL 116.10 AH
FL 116.50 BK

FROM
S-448C

FOT

BE

BE

BE

FOT

EL. 106.03

1:6

1:4.5

LA R/W

Exist. Fence

STA. 671+66.89
S-448C1

1" = 40' Horizontal
1" = 10' Vertical

℄ SURVEY SR 400 (I-4)

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 235

℄ SURVEY SR 400 (I-4)

℄ CONST IWBCD2
STA 7080+92.50

℄ RAMP ISLIP2
STA 200+56.31

S-456C

℄ CONST IWBCD2
STA. 7080+92.50 (8.00' RT)
BARRIER WALL INLET
INDEX NO.'S 425-(001 & 031)
ELEV. 121.70 (GRATE)
FL 116.00 LT
FL 116.00 RT (PLUG FOR FUTURE 18")

EL. 122.14
EL. 122.15

S-457O2

℄ CONST IWBCD2
STA. 7080+97.01 (155.38' LT)
CROSS DRAIN MES (1:2)
INDEX NO.'S 430-021
ELEV. 95.50 FL

EL 114.00

FROM S-457O1

18" PIPE

FL 95.50

18" PIPE

TO S-457O2

FL 103.50

S-457O1

℄ CONST IWBCD2
STA. 7080+92.68 (101.62' LT)
MH TYPE P-7 (>10)
W/ 2-PIECE COVER; ALT A 4.0' DIA
INDEX NO.'S 425-(001 & 010)
ELEV. 114.00 (RIM)
FL 109.00 RT
FL 103.50 LT

LA R/W

Exist. Fence

1:6

FL 109.00

FL 109.30

18" PIPE

18" PIPE

FL 116.00

FL 115.90

FROM S-448C1

1:5

S-457C

℄ CONST IWBCD2
STA. 7080+92.68 (37.27' LT)
GUTTER INLET TYPE S (>10)
INDEX NO.'S 425-(001 & 040)
ELEV. 121.04 (EOS)
FL 115.90 BK
FL 115.90 RT
FL 109.30 LT

BE

FOT

TO S-426A

30" PIPE

EL 108.60

1:4

1:6

S-425A

STA. 672+60.58 (104.00' LT)
DBI TYPE E
INDEX NO.'S 425-(001 & 052)
ELEV. 108.60 (GRATE)
FL 103.00 AH
FL 103.00 BK

FL 103.00

30" PIPE

FROM S-424A

BE

FOT

FL 105.82

LA R/W

Exist. Fence

1:6

1:4

STA. 672+60.58

S-425A

S-456C

S-457C

S-457O1

S-457O2

1" = 40' Horizontal

1" = 10' Vertical

℄ SURVEY SR 400 (I-4)

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

135 130 125 120 115 110 105 100 95 90

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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 236

℄ SURVEY SR 400 (I-4)

℄ CONST IWBCD2
STA 7081+98.55

℄ RAMP ISLIP2
STA 201+62.36

S-457C2

TO
S-466C

℄ CONST IWBCD2
STA. 7081+98.55 (8.00' RT)
BARRIER WALL INLET
INDEX NO.'S 425-(001 & 031)
ELEV. 121.22 (GRATE)
FL 115.70 LT

EL. 121.61
EL. 121.64

LA R/W
Prop. Fence
18" PIPE
1:6
1:15
FL 115.60
S-457C1
18" PIPE
FL 115.70
1:5
EL. 108.76
1:4
1:6
℄ CONST IWBCD2
STA. 7081+98.55 (34.13' LT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 031)
ELEV. 120.69 (EOS)
FL 115.60 AH
FL 115.60 RT
BE
FOT
BE
BE
BE
FOT
FOT
EL. 105.57
1:4
LA R/W
Exist. Fence

STA. 672+60.58
S-457C1
S-457C2

℄ SURVEY SR 400 (I-4)

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

135 130 125 120 115 110 105

1" = 40' Horizontal
1" = 10' Vertical

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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 237

℄ SURVEY SR 400 (I-4)

℄ CONST IWBCD2 ℄ RAMP ISLIP2
STA 7082+42.50 STA 202+06.33

TO S-465C

EL. 121.39
EL. 121.44

18" PIPE S-458C

EL 121.08

℄ RAMP ISLIP2
STA. 202+06.33 (3.45' RT)
MH TYPE J-7 (W/ 2-PIECE COVER; ALT B 4.0'x5.0')
INDEX NO.'S 425-001 & 010)
ELEV. 121.08 (RIM)
FL 114.80 AH

FL 114.80

1:15
1:6
1:6
1:4
1:6
1:6
1:4
1:4

EL. 108.82

EL. 105.47

LA R/W
Prop. Fence

LA R/W
Exist. Fence

BE
FOT
BE
BE
BE
FOT
FOT

STA. 674+10.58
S-458C

℄ SURVEY SR 400 (I-4)

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

130 125 120 115 110 105

1" = 40' Horizontal
1" = 10' Vertical

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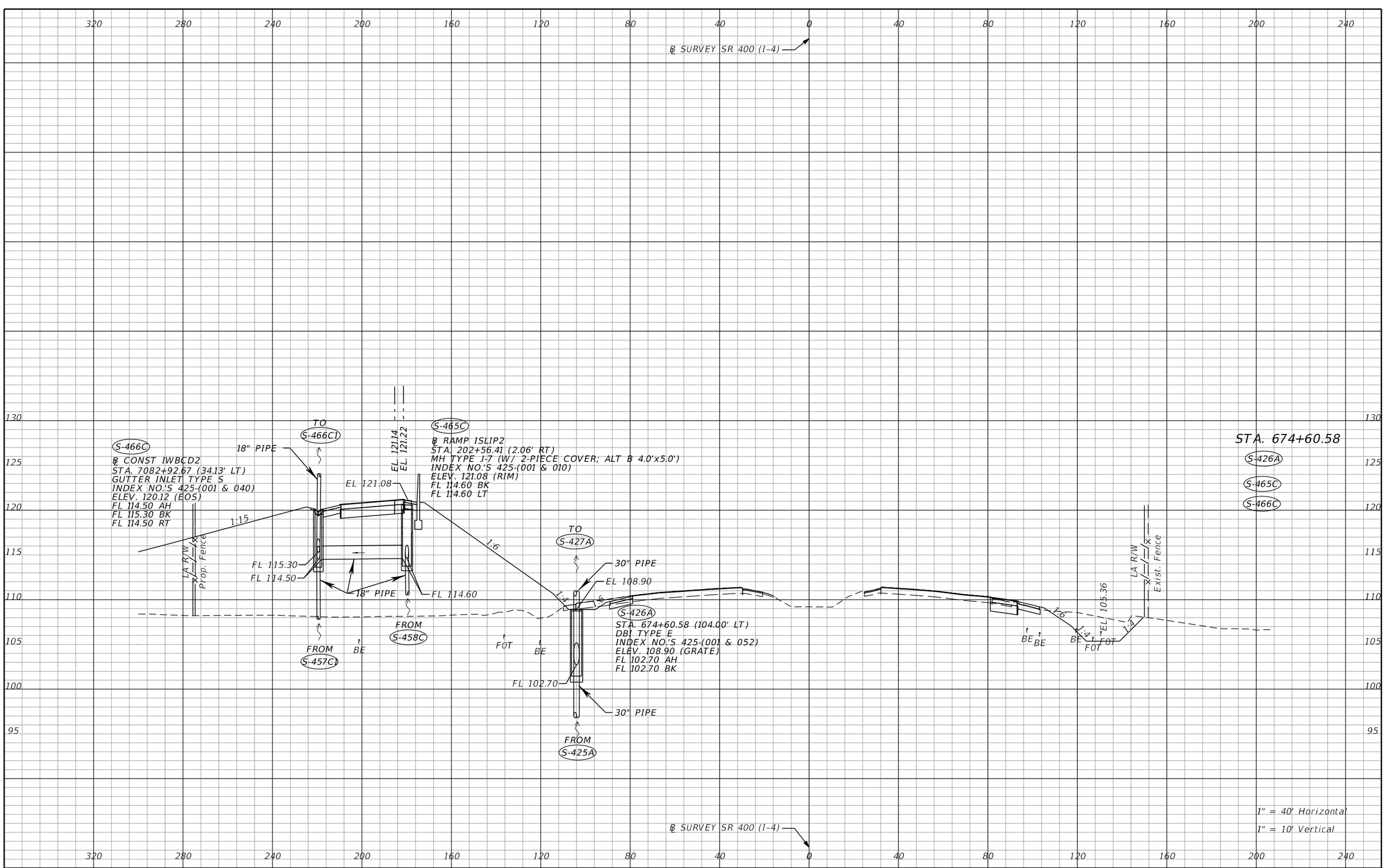
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 238



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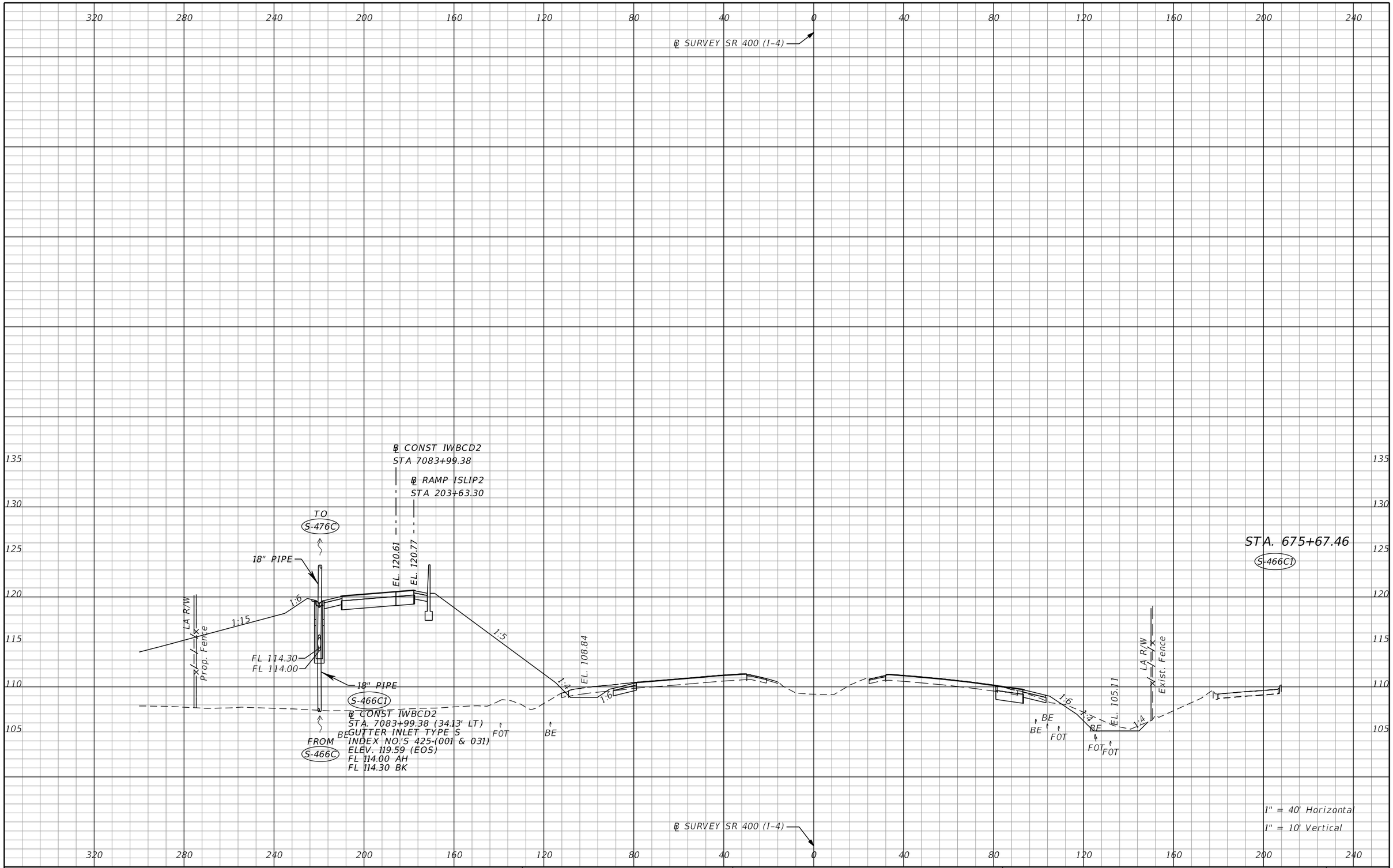
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 239



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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 240

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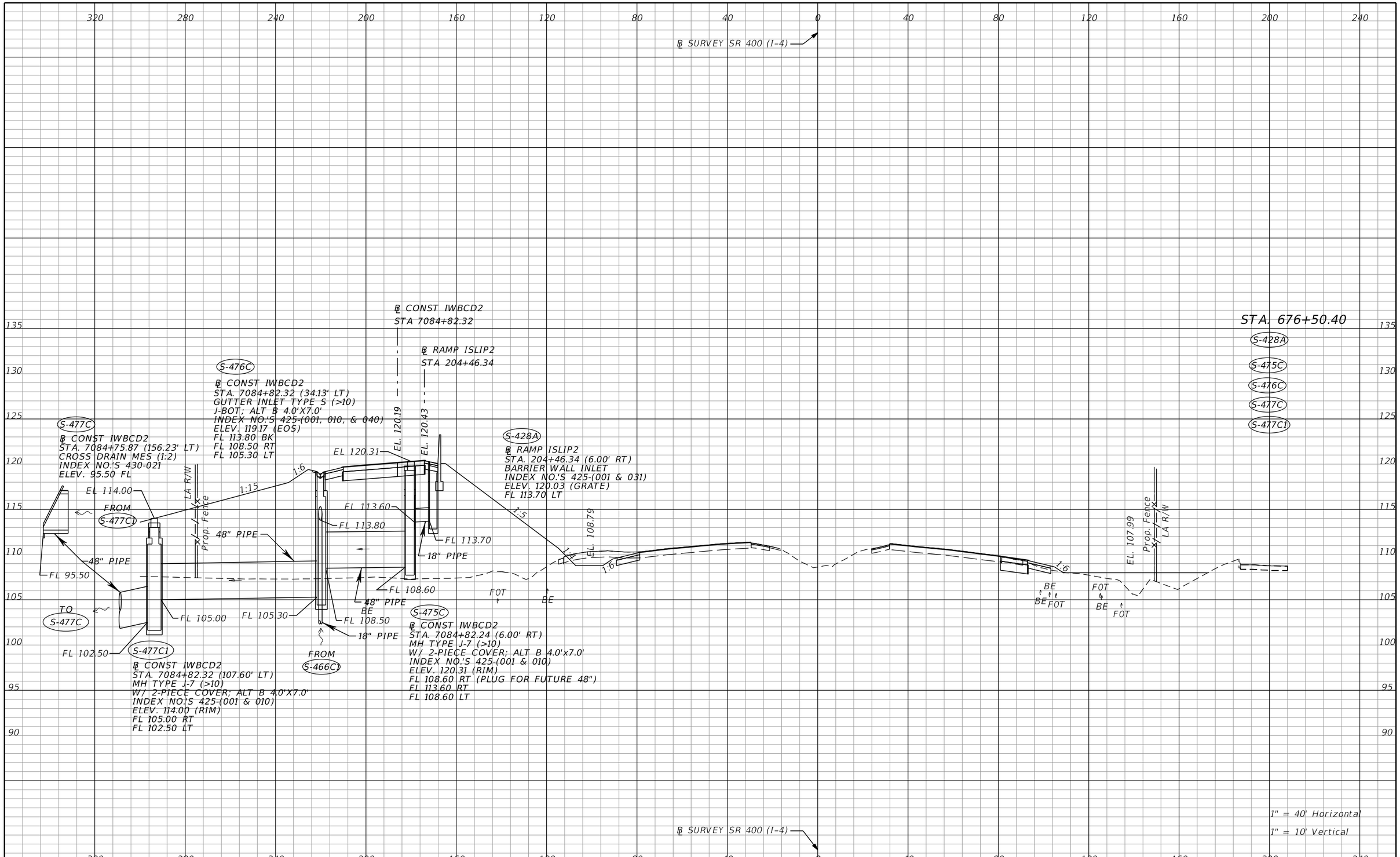

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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 241

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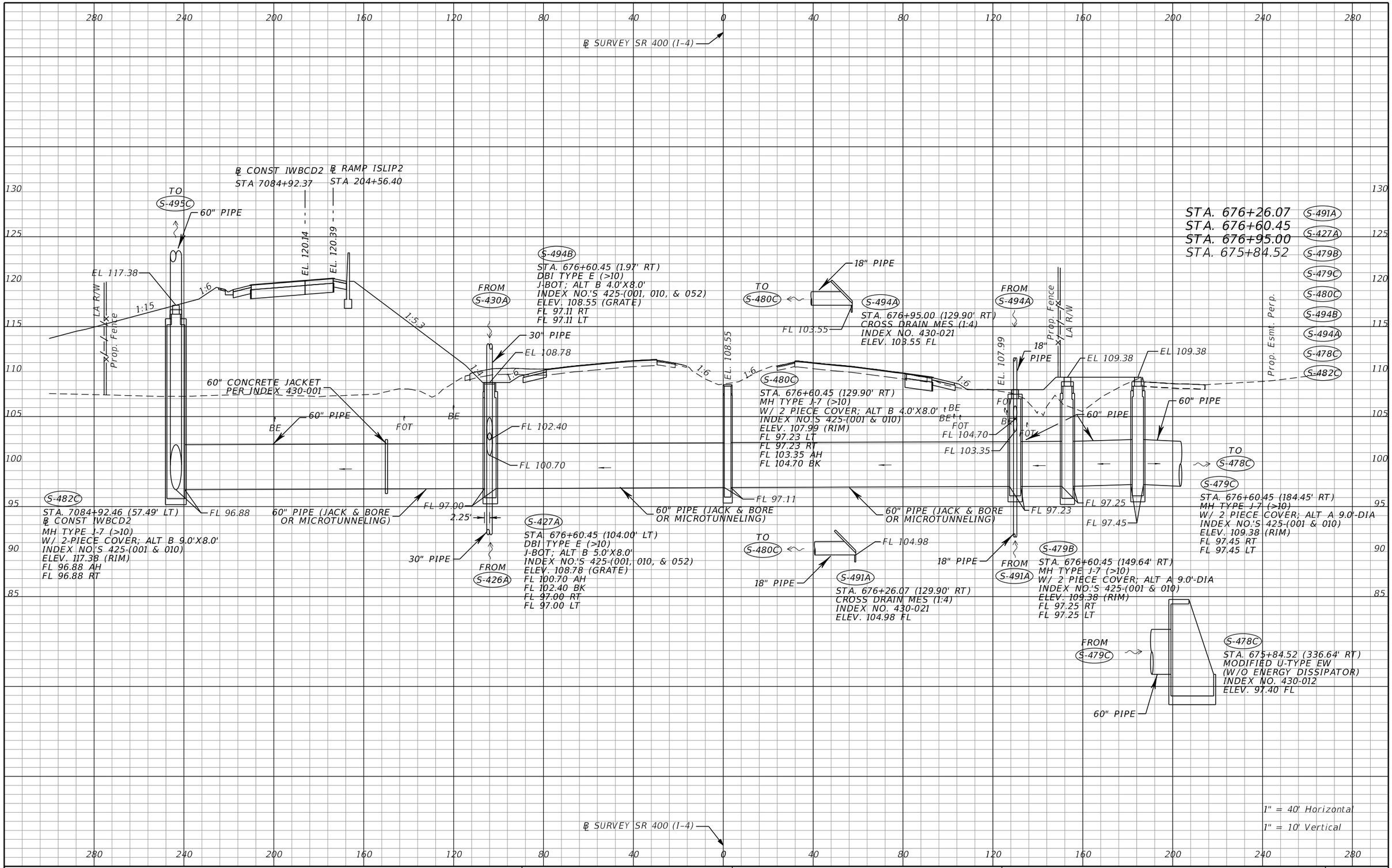

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DRAINAGE STRUCTURE SECTIONS

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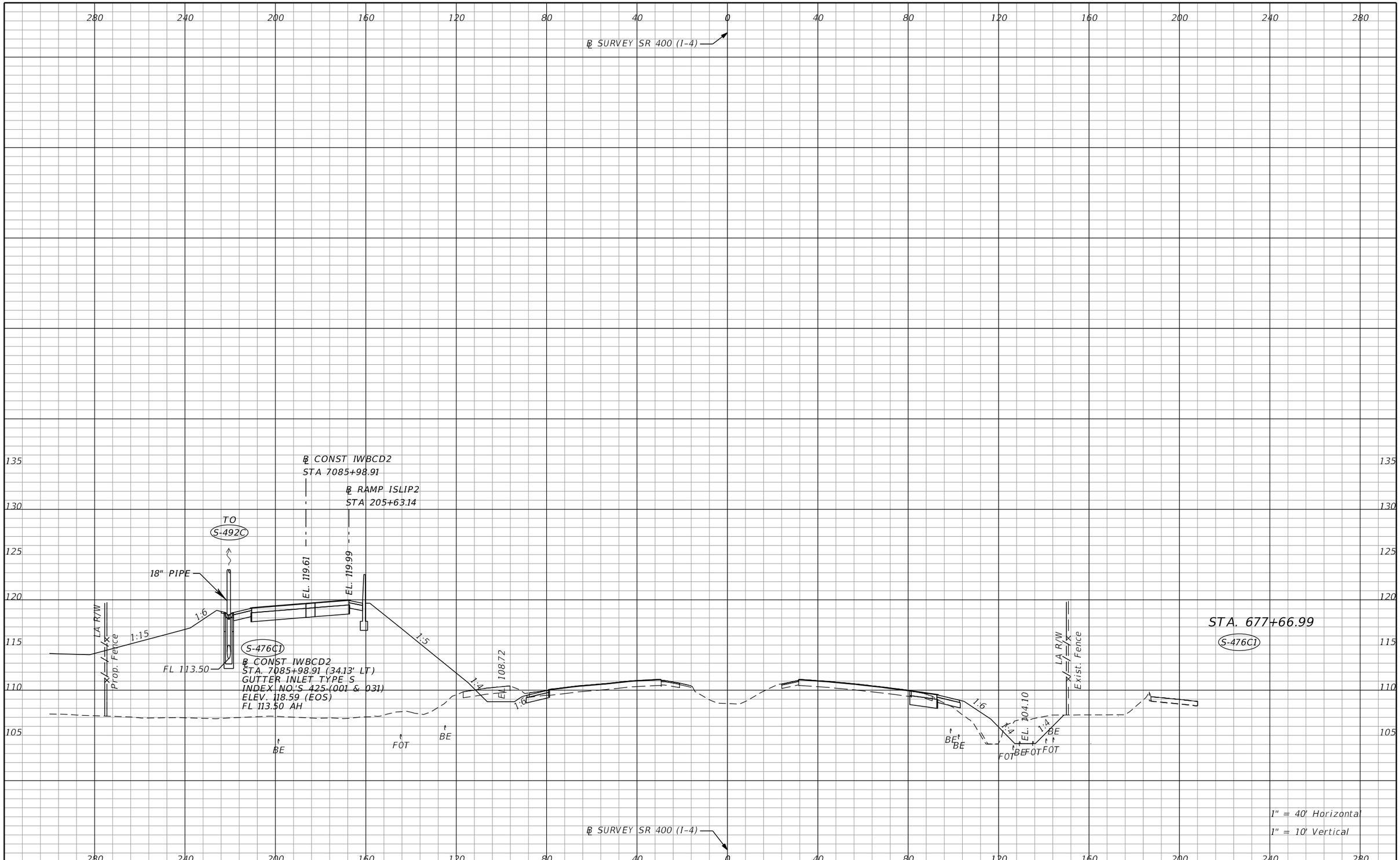

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DRAINAGE STRUCTURE SECTIONS

SHEET NO.
243

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280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ SURVEY SR 400 (I-4)

℄ CONST IWBCD2
STA 7086+92.51

℄ RAMP ISLIP2
STA 206+55.84

130

TO
S-492C1

18" PIPE

EL. 119.14

EL. 119.36

EL 119.27

S-429A

℄ RAMP ISLIP2
STA. 206+57.29 (21.00' RT)
BARRIER WALL INLET
INDEX NO.'S 425-(001 & 031)
ELEV. 119.26 (GRADE)
FL 113.50 LT

FROM
S-432A

30" PIPE

EL 108.67

FL 113.50

S-492C

℄ CONST IWBCD2
STA. 7086+92.51 (34.13' LT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 040)
ELEV. 118.12 (EOS)
FL 113.00 AH
FL 113.30 BK
FL 113.30 RT

1:6

1:15

LA R/W

Prop. Fence

FL 113.30

FL 113.40

FL 113.00

18" PIPE

18" PIPE

1:4

1:6

S-430A

STA. 678+60.60 (104.00' LT)
DBI TYPE E
INDEX NO.'S 425-(001 & 052)
ELEV. 108.67 (GRADE)
FL 101.10 AH
FL 101.10 BK

FL 101.10

30" PIPE

S-491C

℄ CONST IWBCD2
STA. 7086+92.51 (6.00' RT)
MH TYPE J-7 (W/ 2-PIECE COVER;
ALT ℄ 4.0'x5.0')
INDEX NO.'S 425-(001 & 010)
ELEV. 119.27 (RIM)
FL 113.40 LT
FL 113.40 RT

FROM
S-476C1

FOT

BE

TO
S-427A

1:6

1:4

EL. 104.73

LA R/W

Exist. Fence

BE

BE

FOT BFO

STA. 678+60.60

S-430A
S-429A
S-491C
S-492C

℄ SURVEY SR 400 (I-4)

1" = 40' Horizontal
1" = 10' Vertical

125 120 115 110 105 100 95

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www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 244

glen.dvorovy 5/7/2020 3:52:03 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\DRXSRD01_SR400.DGN

℄ SURVEY SR 400 (I-4)

℄ CONST IWBCD2
STA 7087+83.46

℄ RAMP ISLIP2
STA 207+47.06

EL. 118.69

EL. 119.04

LA R/W

Prop. Fence

1:6

1:4

FROM
S-435A

30" PIPE

EL 108.61

EXIST 30" PIPE

EL 107.56

654

STA. 679+51.55 (1.13' RT)
EXIST DBI TYPE E (J-BOT5.0'x4.0')
EXIST STRUCTURE TO REMAIN
ELEV. 107.56 (EXIST GRATE)
FL 102.91 LT (EXIST)
FL 102.82 RT (TO BE PLUGGED)

FL 102.91

FL 101.30

2.25'

8-LF OF 30" PIPE & CONC.
JACKET PER INDEX 430-001

FL 102.81

30" PIPE

TO
S-430A

BE

FOT

S-432A

STA. 679+51.55 (104.00' LT)
DBI TYPE E (J-BOT; ALT B 5.0'x5.0')
INDEX NO.'S 425-(001, 010, & 052)
ELEV. 108.61 (GRATE)
FL 101.30 AH
FL 101.30 BK
FL 102.81 RT

EL. 105.35

BFO

LA R/W

Exist. Fence

STA. 679+51.55
STA. 680+60.66

S-432A

654

℄ SURVEY SR 400 (I-4)

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

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Tuy Duong, P.E.
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 245

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ SURVEY SR 400 (I-4)

135 130 125 120 115 110 105 100

℄ CONST IWBCD2
STA 7087+92.49

℄ RAMP ISLIP2
STA 207+56.12

TO S-505C

TO S-504C

24" PIPE

EL. 118.64

EL. 119.00

EL 118.67

S-494C
℄ CONST IWBCD2
STA 7087+92.49 (6.00' RT)
MH TYPE J-7 (W/ 2-PIECE COVER; ALT B 4.0'X5.0')
INDEX NO.'S 425-(001 & 010)
ELEV. 118.67 (RIM)
FL 112.00 AH
FL 112.00 RT (PLUG FOR FUTURE 18")

LA R/W
Prop. Fence

1:6

18" PIPE

FL 112.80

18" PIPE

FL 111.70

FL 112.00

1:4

EL. 108.61

1:6

BFO

BE

FOT

S-492C1
℄ CONST IWBCD2
STA 7087+92.49 (34.13' LT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 040)
ELEV. 117.62 (EOS)
FL 111.70 AH
FL 112.80 BK

FROM S-492C

1:6

EL. 105.41

1:4

LA R/W
Exist. Fence

BFO

BE

FOT

STA. 679+60.58

S-494C

S-492C1

℄ SURVEY SR 400 (I-4)

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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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 246

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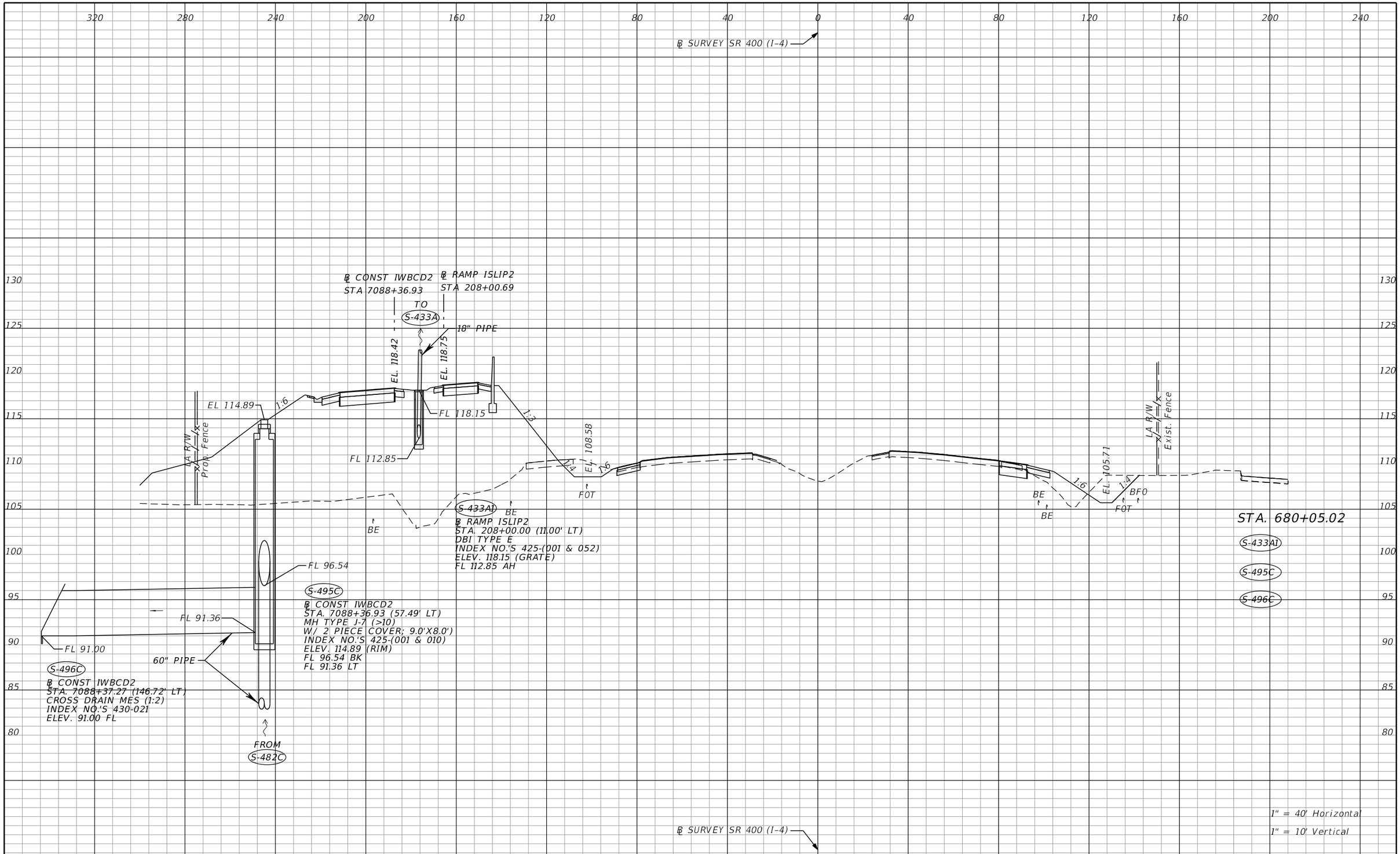

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 247

℄ SURVEY SR 400 (I-4)

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

130 125 120 115 110 105 100 95

℄ CONST IWBCD2
STA 7088+92.50

℄ RAMP ISLIP2
STA 208+56.42

EL 118.14

EL 118.29

S-505C
℄ CONST IWBCD2
STA. 7088+92.50 (34.13' LT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 040)
ELEV. 117.12 (EOS)
FL 111.20 AH
FL 111.50 BK
FL 111.70 RT

TO S-505C1

24" PIPE

1:6

LA R/W

Prop. Fence

FL 111.90
FL 111.80

FL 111.50
FL 111.20

FL 111.70

18" PIPE

24" PIPE

FROM S-492C1

S-504C

BE FROM S-494C

FROM S-433A1

EL 117.61
FL 112.75

FL 112.70

1:3

18" PIPE

FL 112.60

18" PIPE

BE

℄ CONST IWBCD2
STA. 7088+92.50 (8.00' RT)
BARRIER WALL INLET
INDEX NO.'S 425-(001 & 031)
ELEV. 117.64 (GRATE)
FL 111.80 BK
FL 111.80 LT
FL 111.80 RT

S-433A
℄ RAMP ISLIP2
STA. 208+55.63 (10.18' LT)
DBI TYPE E
INDEX NO.'S 425-(001 & 052)
ELEV. 117.61 (GRATE)
FL 112.75 BK
FL 111.90 LT
FL 112.60 RT

S-434A
℄ RAMP ISLIP2
STA. 208+57.87 (21.00' RT)
BARRIER WALL INLET
INDEX NO.'S 425-(001 & 031)
ELEV. 118.18 (GRATE)
FL 112.70 LT

FROM S-436A

30" PIPE

EL 108.55

1:4

1:6

S-435A
STA. 680+60.66 (104.00' LT)
DBI TYPE E
INDEX NO.'S 425-(001 & 052)
ELEV. 108.55 (GRATE)
FL 101.50 AH
FL 101.50 BK

FOT

FL 101.50

30" PIPE

TO S-432A

BE BE

1:6

EL. 106.09

1:4

BFO

FOT

LA R/W

Exist. Fence

STA. 680+60.66

S-435A
S-433A
S-434A
S-504C
S-505C

1" = 40' Horizontal
1" = 10' Vertical

℄ SURVEY SR 400 (I-4)

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 248

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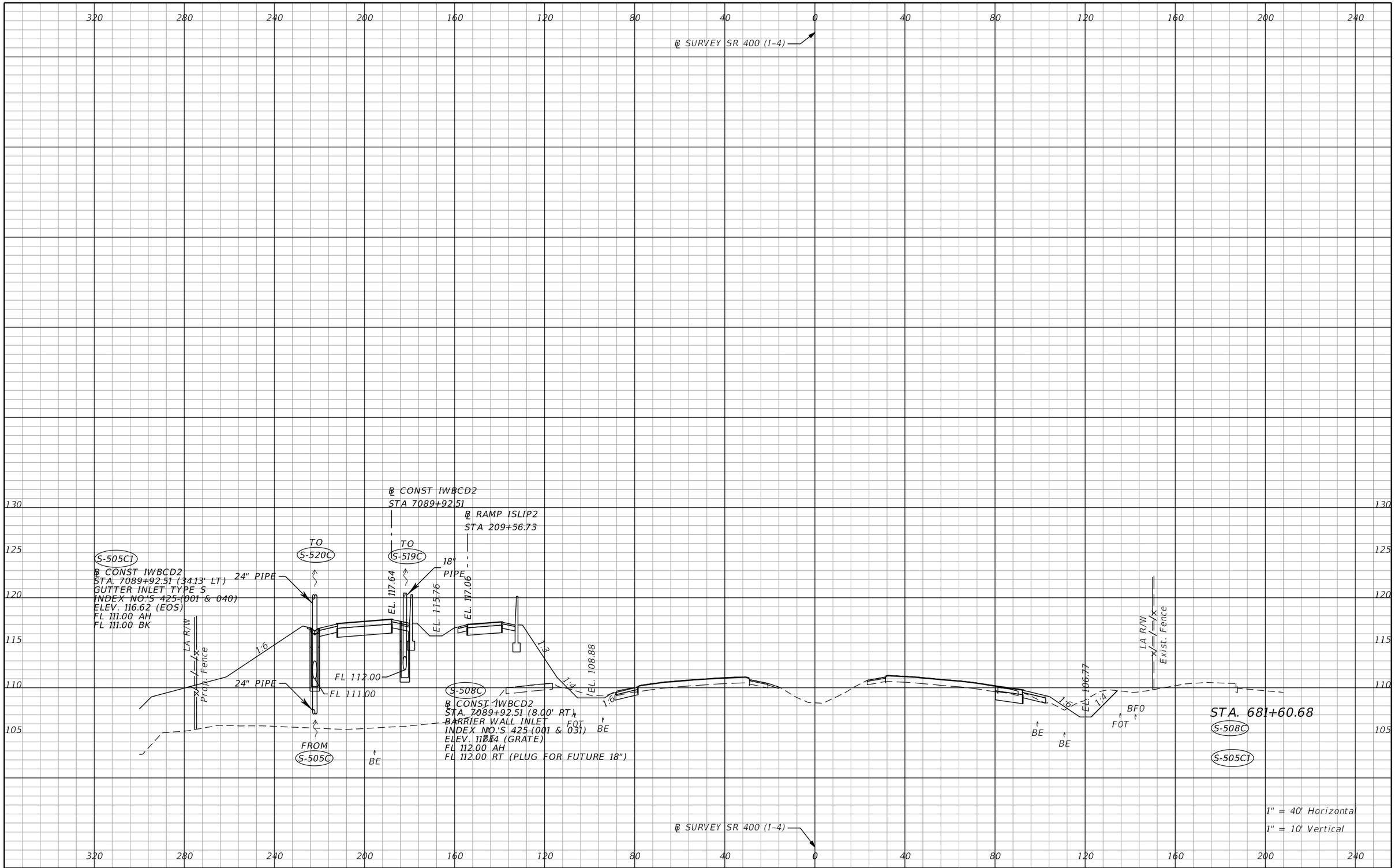

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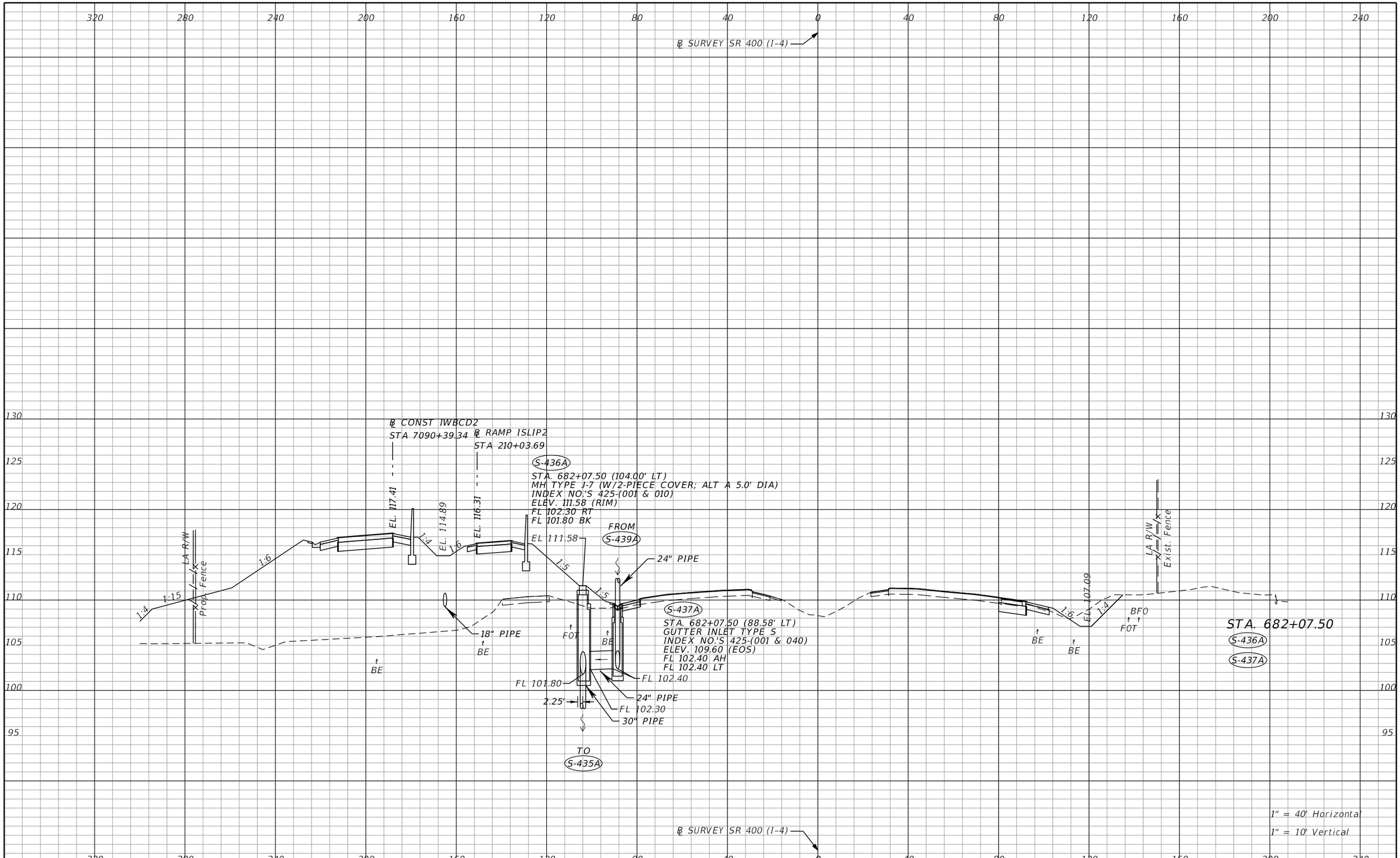
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 249



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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO.
250

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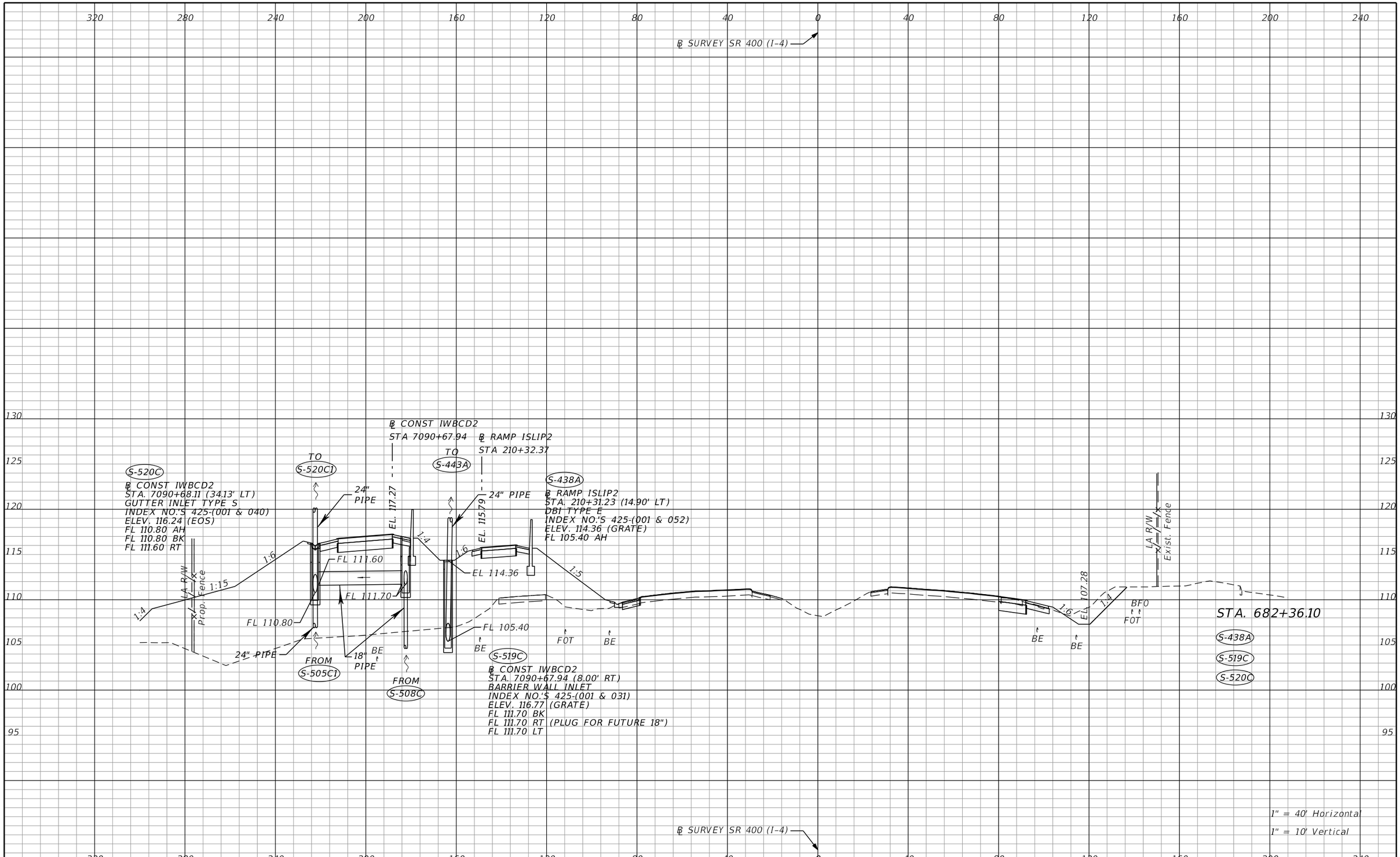

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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 251

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℄ SURVEY SR 400 (I-4)

℄ CONST IWBCD2
STA 7090+91.84

℄ RAMP ISLIP2
STA 210+56.34 (S-439AI)

℄ RAMP ISLIP2
STA. 210+57.97 (21.00' RT)
BARRIER WALL INLET (>10)
INDEX NO.'S 425-(001 & 031)
ELEV. 115.23 (GRATE)
FL 105.05 RT

EL. 117.15
EL. 113.92
EL. 115.32

1:6
1:4
1:6
1:5
1:15

LA R/W
Prop. Fence

FROM
S-440A

24" PIPE

FL 104.90
FOT
BE

BE
24" PIPE

FL 105.05

18" PIPE

FL 102.50

24" PIPE

TO
S-437A

S-439A
STA. 682+60.00 (88.58' LT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 040)
ELEV. 109.76 (EOS)
FL 102.50 AH
FL 102.50 BK
FL 104.90 LT

BE
BE

EL. 107.44
1:6
1:4

BFO
FOT

LA R/W
Exist. Fence

STA. 682+60.00
S-439A
S-439AI

1" = 40' Horizontal
1" = 10' Vertical

℄ SURVEY SR 400 (I-4)

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

130 125 120 115 110 105 100 95

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 252

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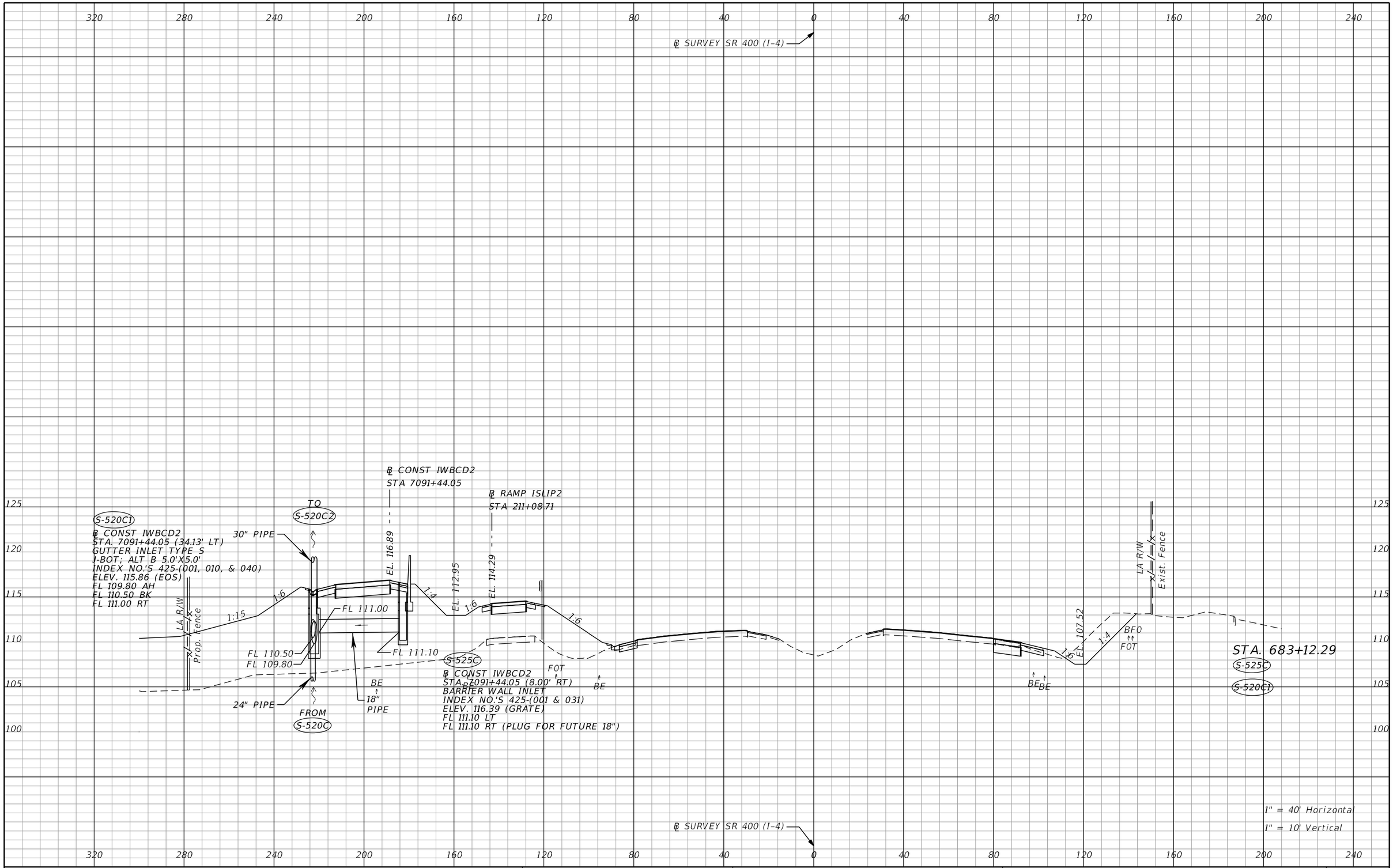

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 253

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

℄ SURVEY SR 400 (I-4)

℄ CONST IWBCD2
STA 7091+91.76

℄ RAMP ISLIP2
STA 211+56.56

125 120 115 110 105 100 95

LA R/W
Prop. Fence
1:15
1:6
EL. 116.65
1:4
EL. 112.07
1:6
EL. 113.35
1:7
FROM S-441A
24" PIPE
S-440A
STA. 683+60.00 (88.57' LT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 040)
ELEV. 109.70 (EOS)
FL 102.70 AH
FL 102.70 BK
FL 102.70
24" PIPE
TO S-439A
BE
BE
FOT
BE
BE
BE
EL. 107.55
1:6
1:4
1:3
BFO
FOT
LA R/W
Exist. Fence
STA. 683+60.00
S-440A

℄ SURVEY SR 400 (I-4)

1" = 40' Horizontal
1" = 10' Vertical

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 254

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

℄ SURVEY SR 400 (I-4)

℄ CONST IWBCD2
STA 7092+20.04

℄ RAMP ISLIP2
STA 211+84.92

125 120 115 110 105 100 95

S-520C2

℄ CONST IWBCD2
STA. 7092+20.04 (34.13' LT)
GUTTER INLET TYPE S (J-BOT; ALT B 5.0 X5.0')
INDEX NO.'S 425-(001, 010, & 040)
ELEV. 115.48 (EOS)
FL 108.60 AH
FL 109.20 BK

TO S-538C

30" PIPE

LA R/W

Prop. Fence

1:6

1:15

FL 109.20

FL 108.60

30" PIPE

FROM S-520C1

EL. 116.51

1:4

EL. 111.54

1:6

EL. 112.79

1:8

BE

BE

FOT

BE

FROM S-442A

18" PIPE

S-441A

STA. 683+88.28 (88.62' LT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 040)
ELEV. 109.59 (EOS)
FL 103.30 AH
FL 102.80 BK

FL 103.30

FL 102.80

24" PIPE

TO S-440A

LA R/W

Exist. Fence

EL. 118.57

1:6

1:4

1:3

BFO

FOT

BE

BE

STA. 683+88.28

S-441A

S-520C2

1" = 40' Horizontal

1" = 10' Vertical

℄ SURVEY SR 400 (I-4)

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

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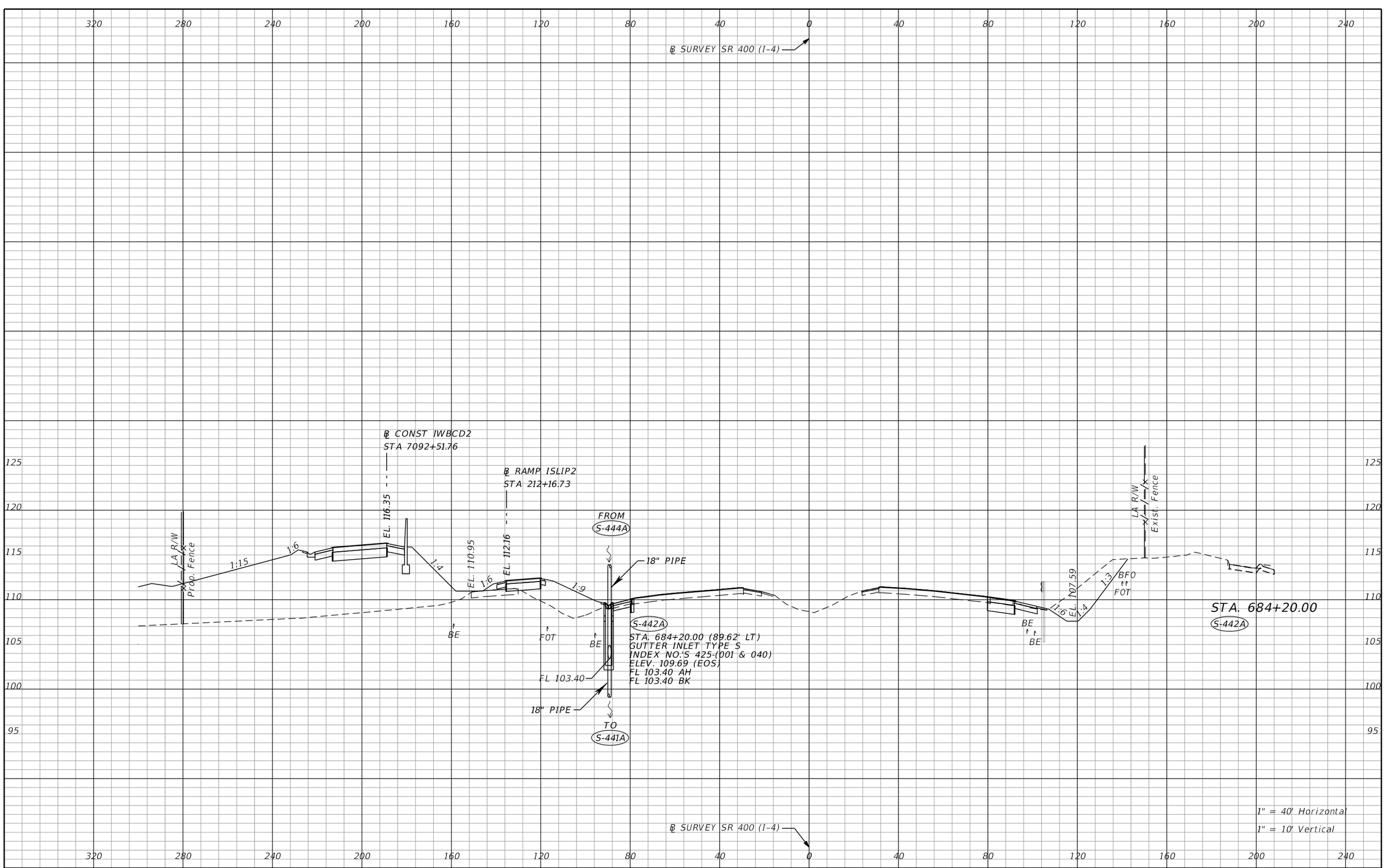
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 255



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 256

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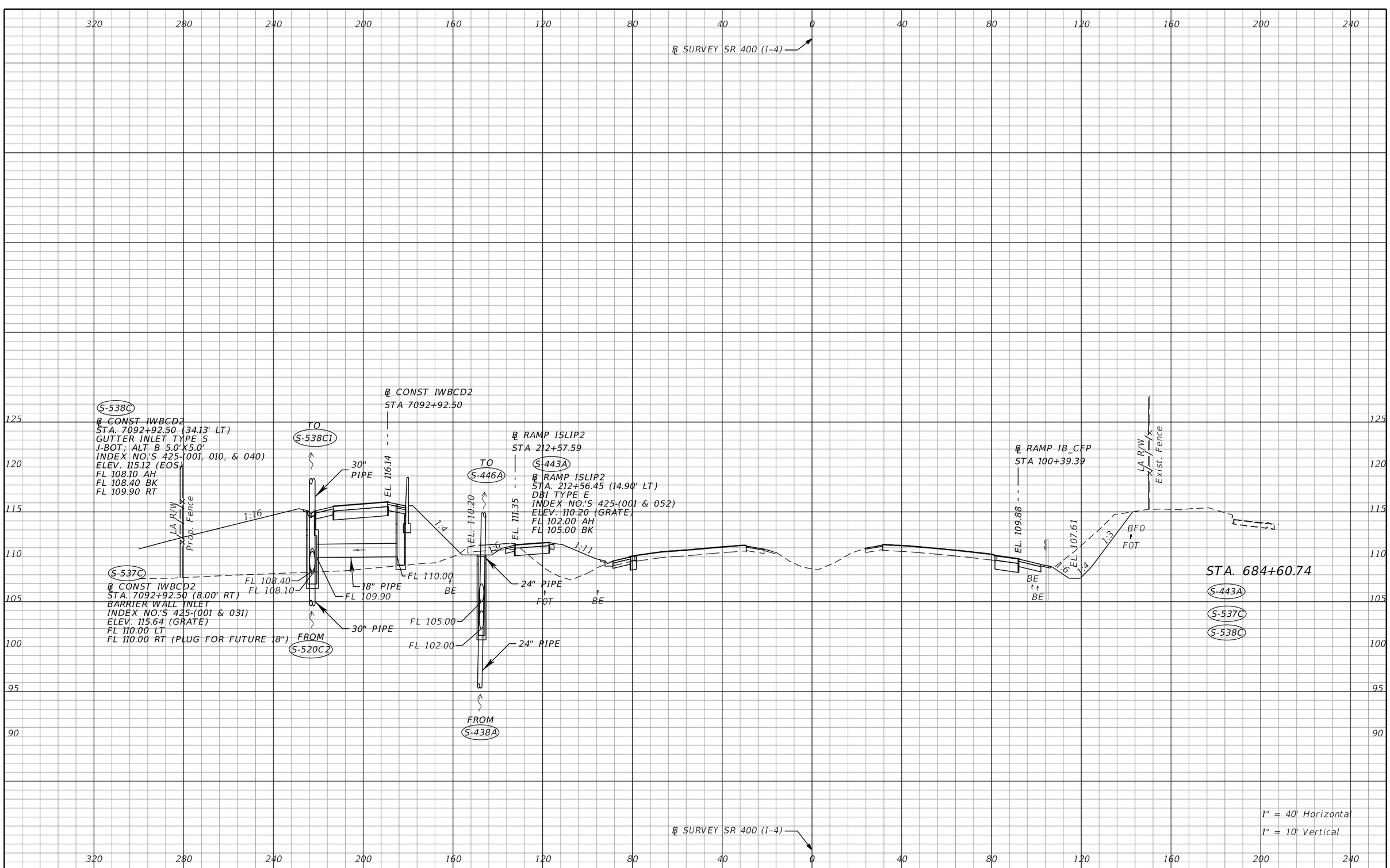

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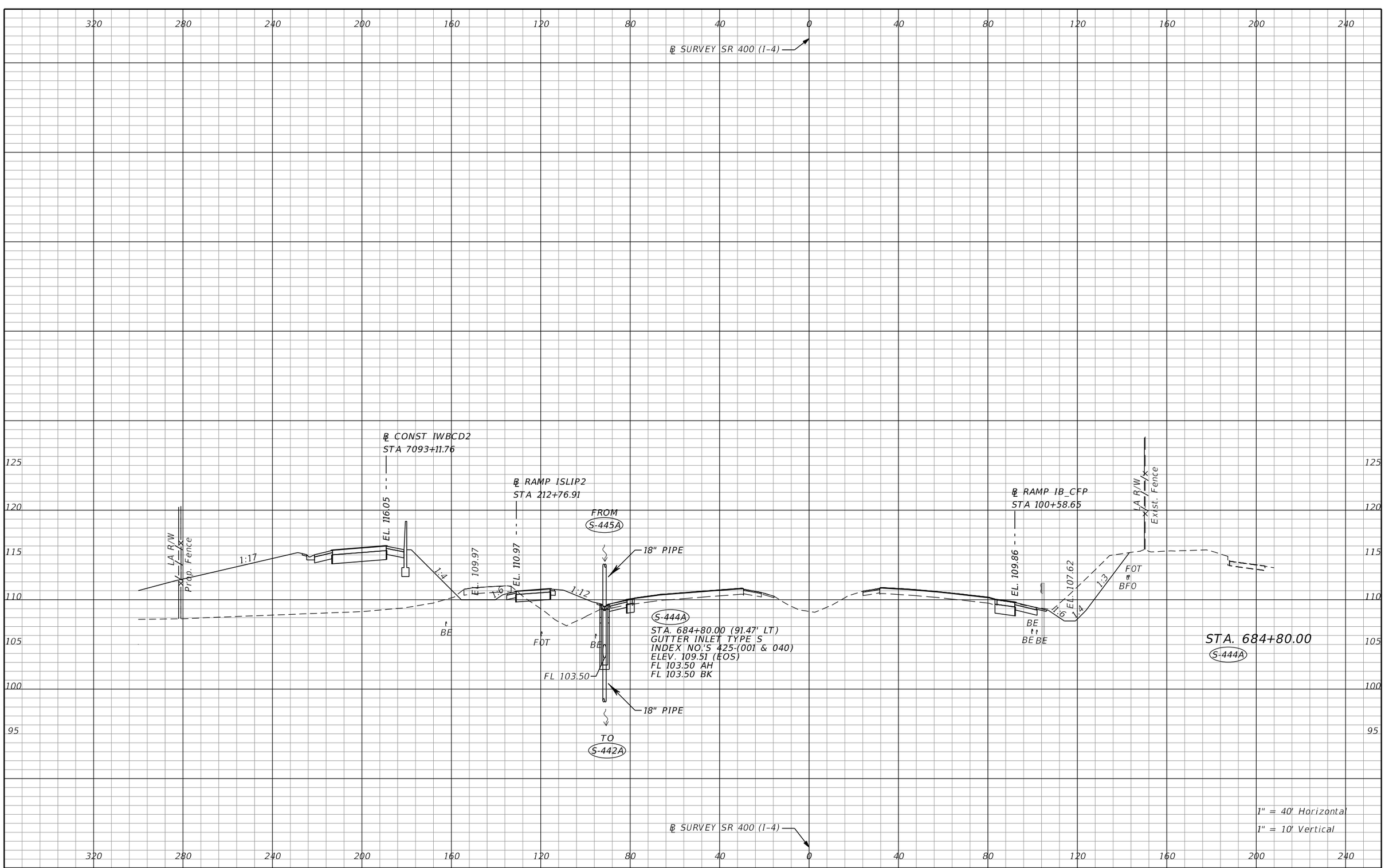
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 257



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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 258

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

℄ SURVEY SR 400 (I-4)

℄ CONST IWBCD2
STA 7093+91.76

TO
S-548C

30" PIPE

EL. 115.67

℄ RAMP ISLIP2
STA 213+57.14

EL. 109.04

EL. 109.73

℄ RAMP IB_CFP
STA 101+38.66

EL. 109.82

EL. 107.67

LA R/W

Prop. Fence

Exist. Fence

1:24

1:4

1:6

1:3

1:4

BE

FOT

BFO

FL 107.90

FL 107.60

30" PIPE

S-538C1

FROM
S-538C

℄ CONST IWBCD2
STA. 7093+91.76 (34.13' LT)
GUTTER INLET TYPE S (U-BOT; ALT B 5.0'X5.0')
INDEX NO.'S 425-(001, 010, & 040)
ELEV. 114.62 (EOS)
FL 107.60 AH
FL 107.90 BK

FL 103.70

S-445A

STA. 685+60.00 (93.91' LT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 040)
ELEV. 109.63 (EOS)
FL 103.70 BK

18" PIPE

TO
S-444A

STA. 685+60.00
S-445A
S-538C1

1" = 40' Horizontal
1" = 10' Vertical

125 120 115 110 105 100 95

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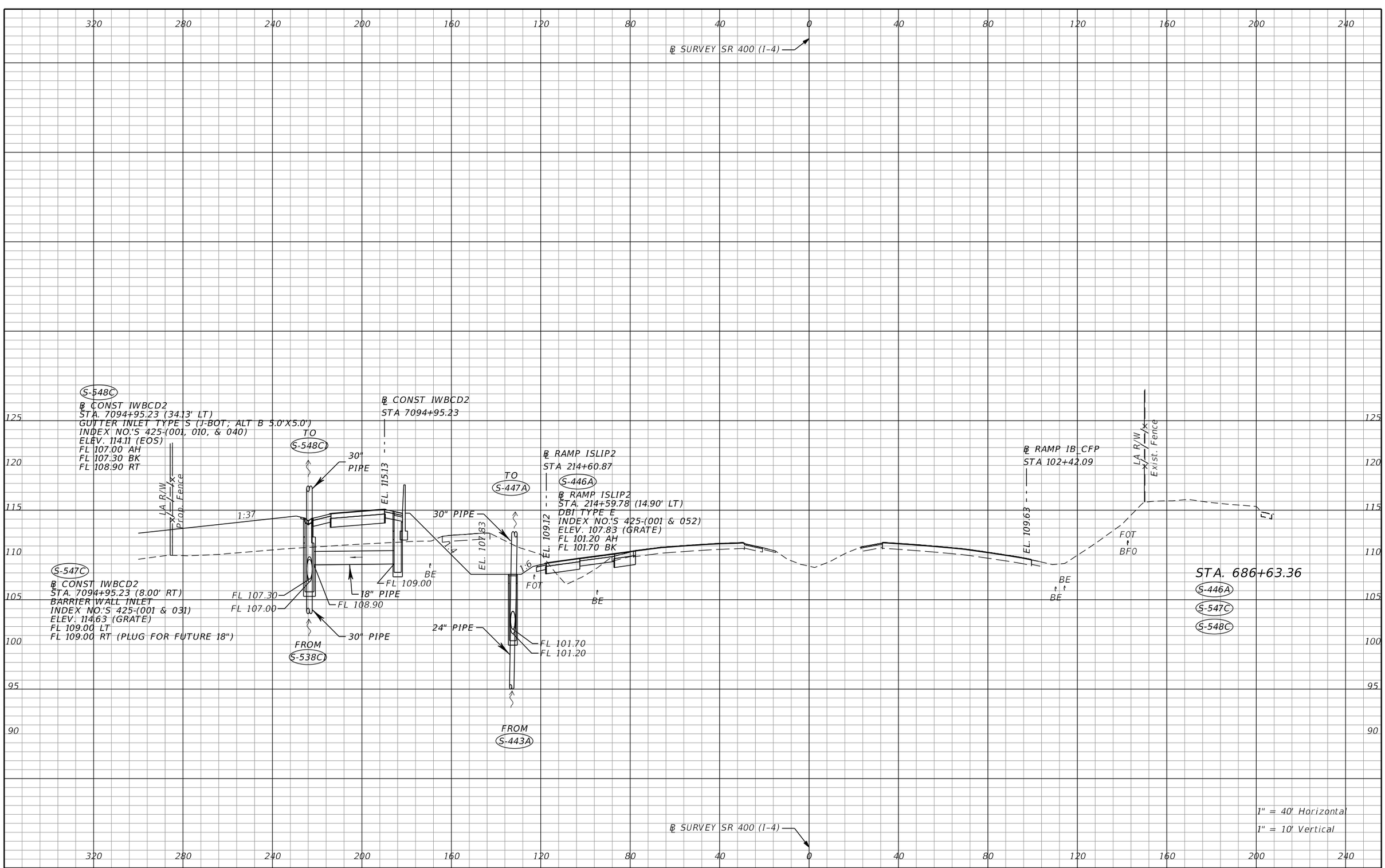
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 259



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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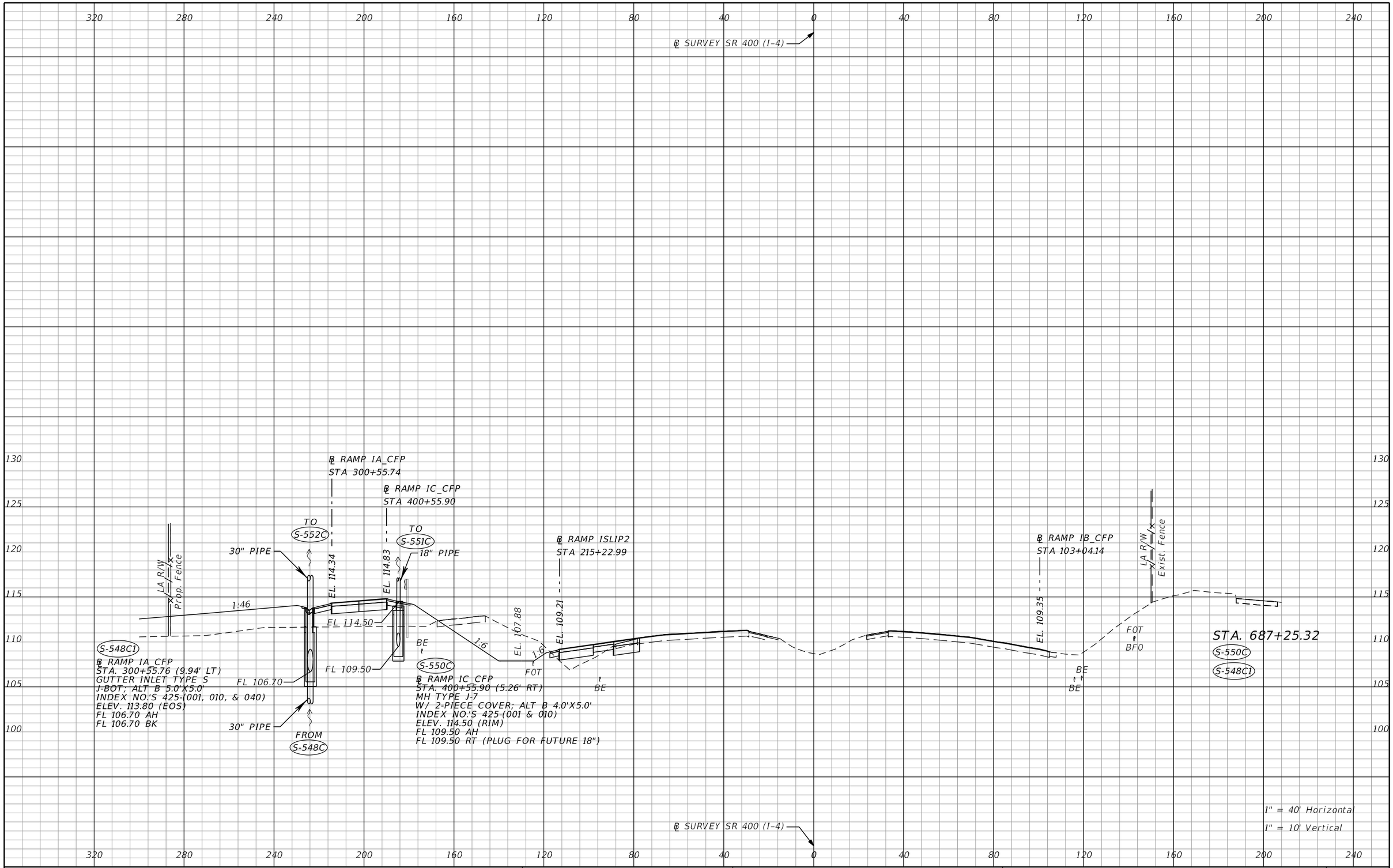
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 260



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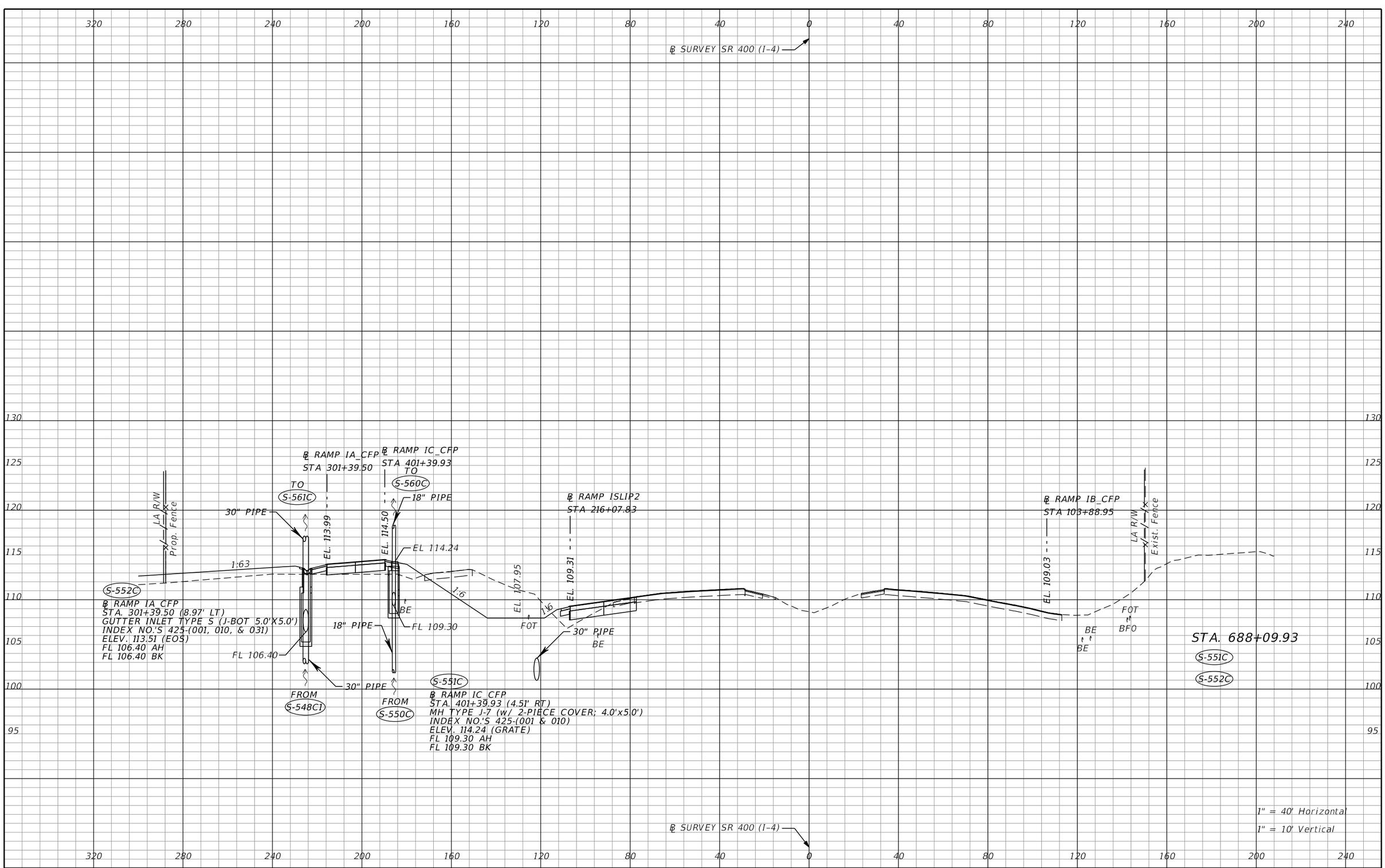
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO.
261

glen.dvorovy 5/6/2020 4:58:26 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\DRXSRD01_SR400.DGN



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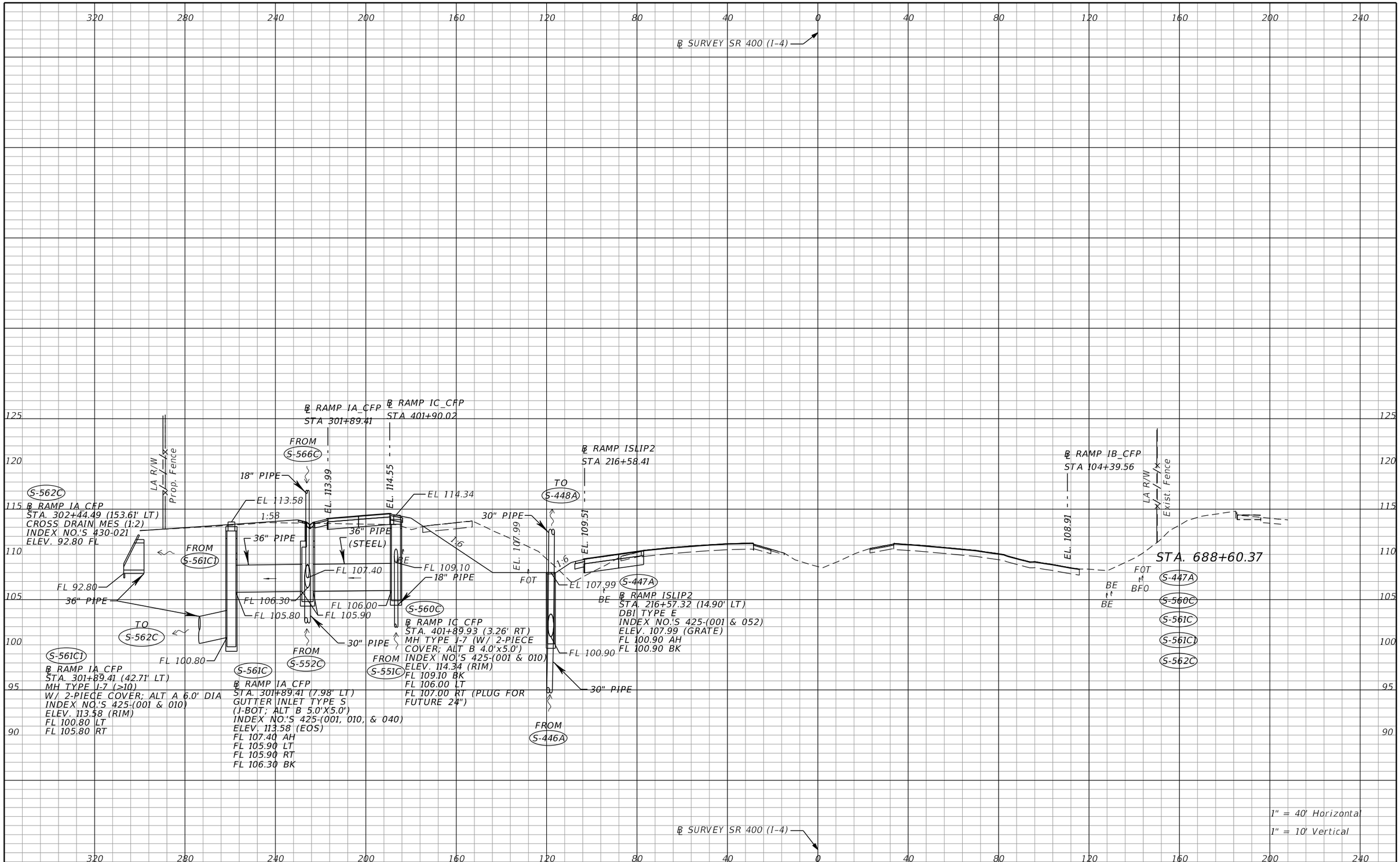
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 262



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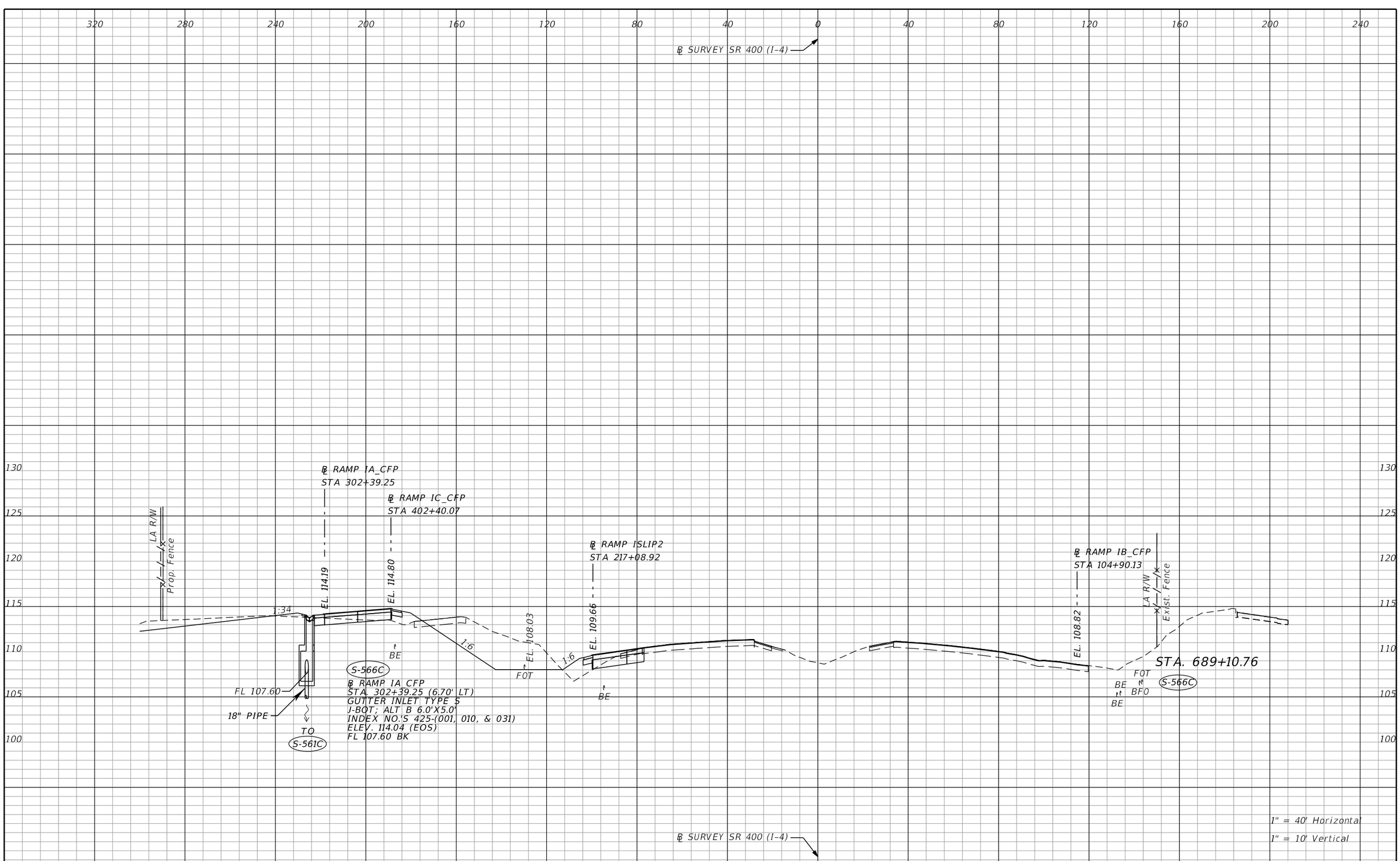
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO.
263

glen.dvorovy 5/6/2020 4:58:38 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\DRXSRD01_SR400.DGN



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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO.
264

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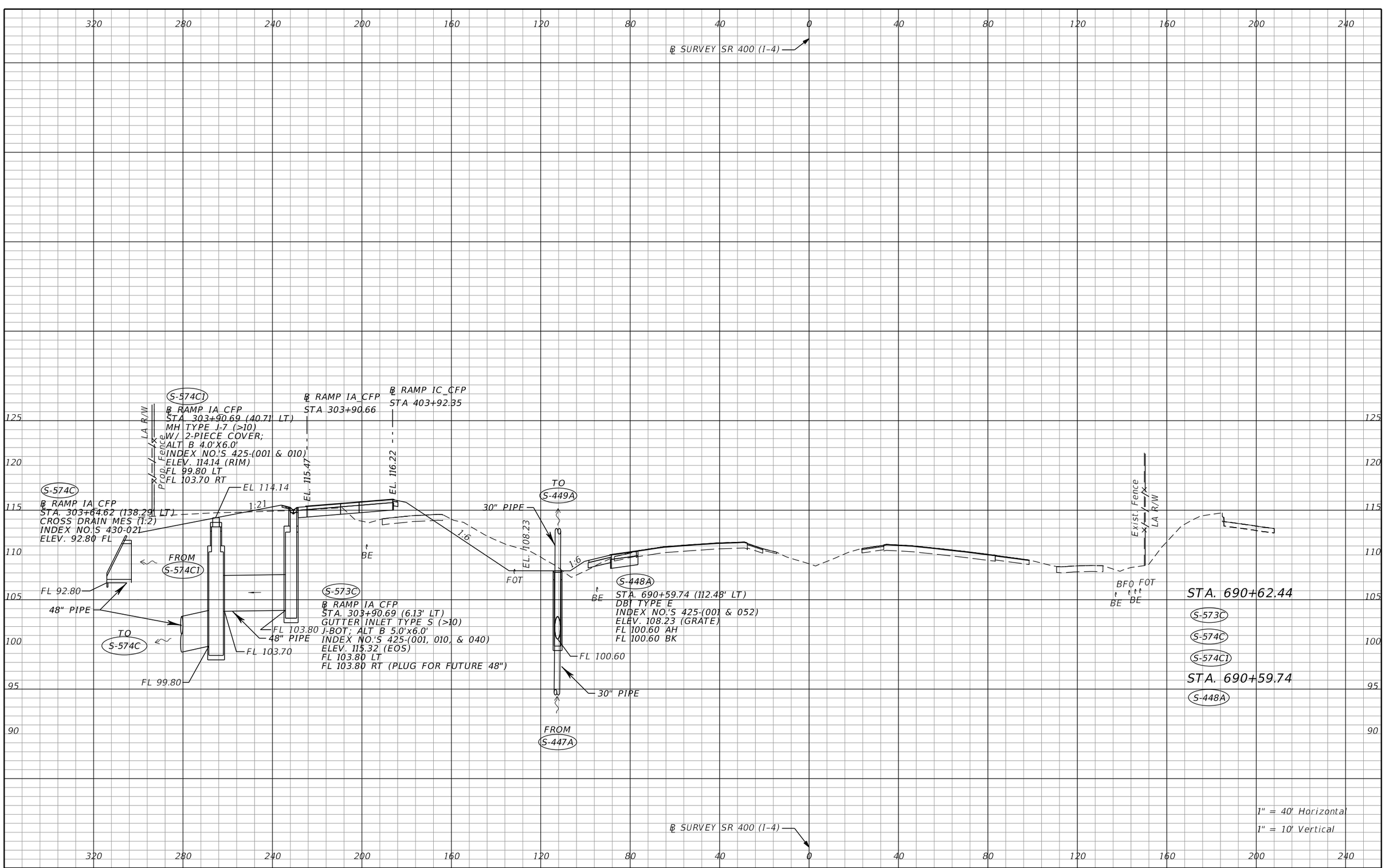

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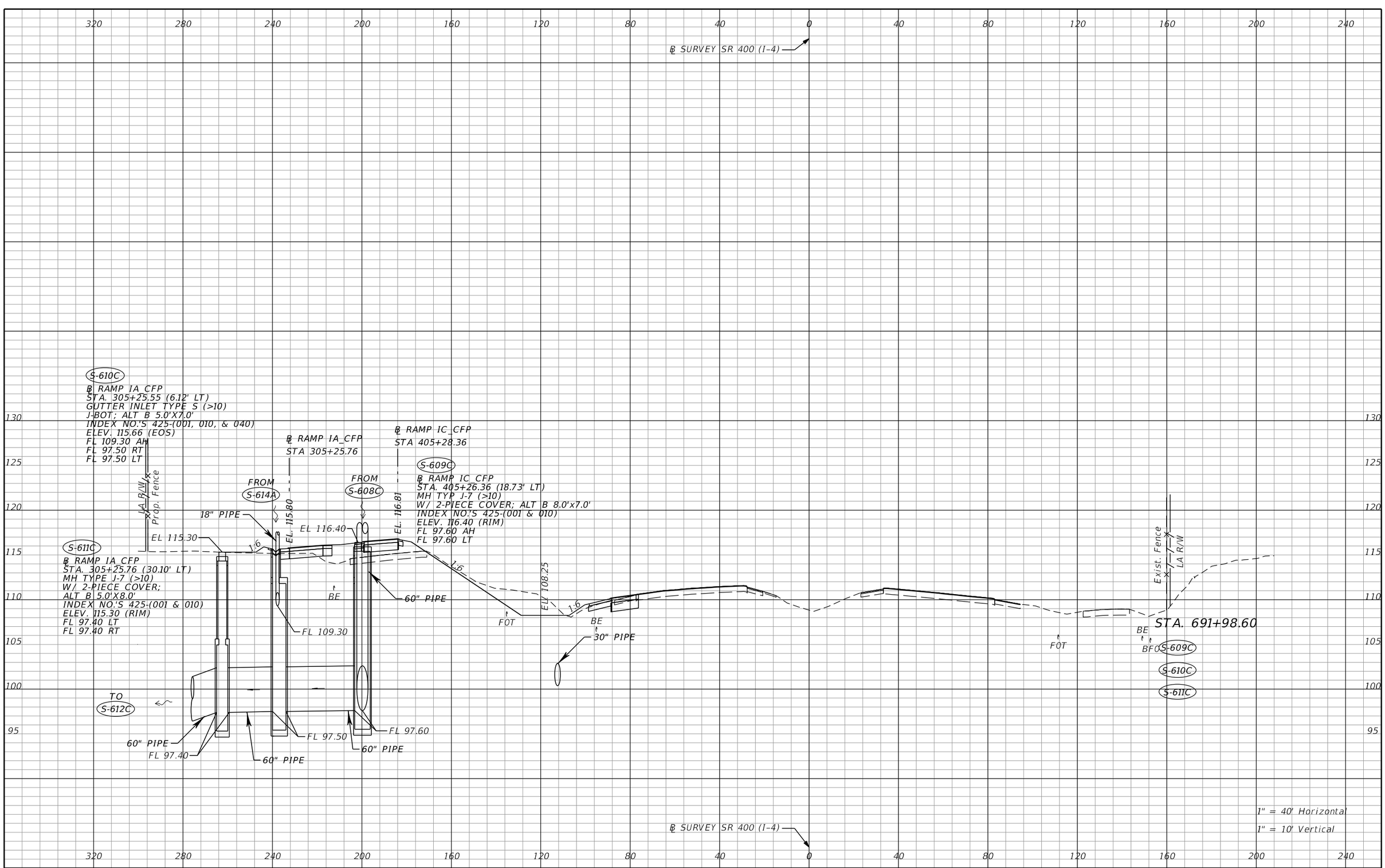
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 265



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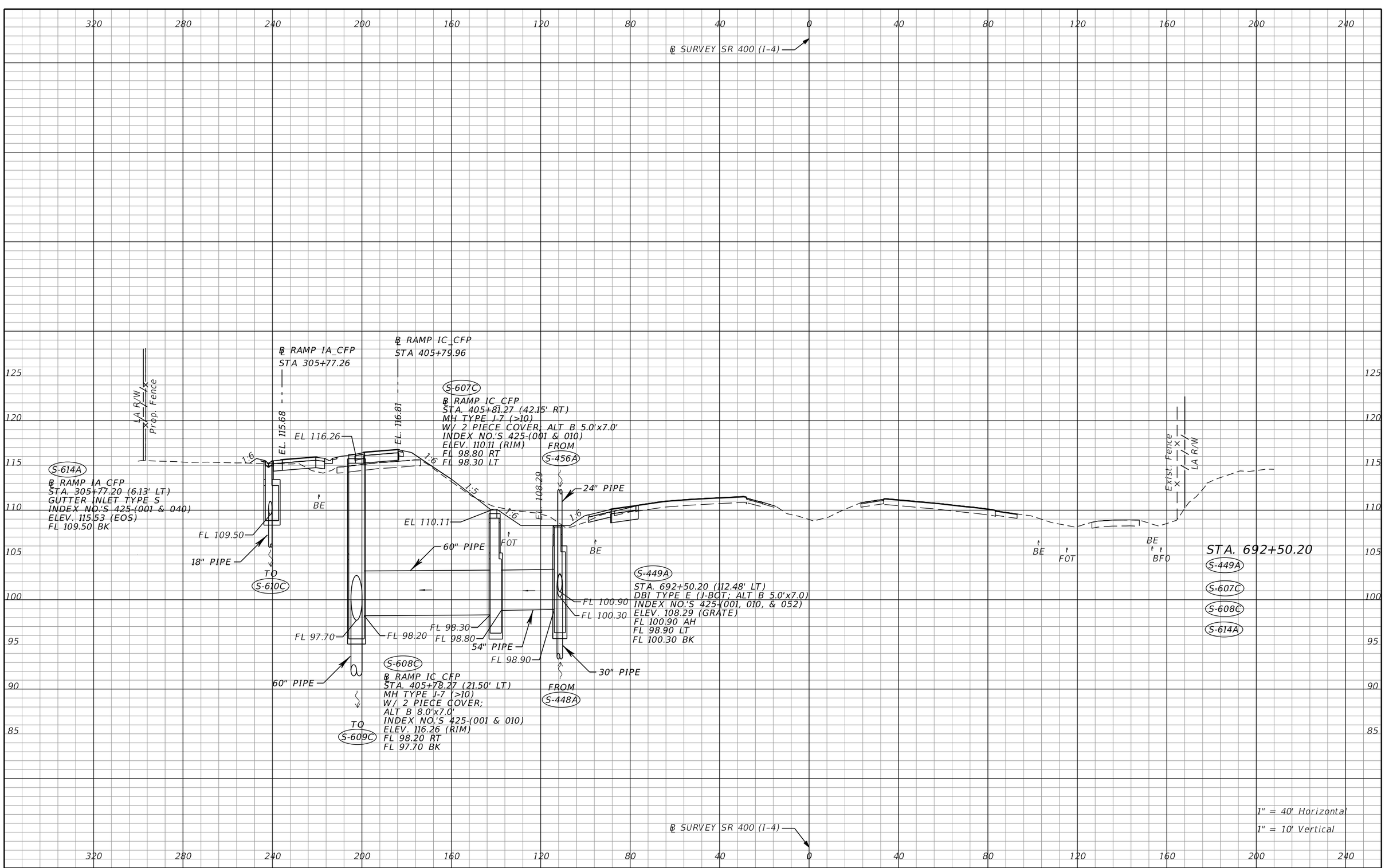
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 266



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 267

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

℄ SURVEY SR 400 (I-4)

130 125 120 115 110 105 100

TO S-452A

℄ RAMP IA_CFP
STA 306+50.00

18" PIPE

TO S-453A

℄ RAMP IC_CFP
STA 406+52.82

EL. 116.63

18" PIPE

LA R/W

Prop. Fence

EL. 115.39

1:4 1:6 1:34 1:6

S-451A

BE

℄ RAMP IA_CFP
STA. 306+50.00 (21.21' RT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 040)
ELEV. 115.43 (EOS)
FL 109.60 AH

FL 109.60

S-450A

℄ RAMP IA_CFP
STA. 306+50.00 (6.13' LT)
GUTTER INLET TYPE S
INDEX NO.'S 425-(001 & 040)
ELEV. 115.25 (EOS)
FL 109.60 AH

EL. 108.35

1:6

FOT

BE

24" PIPE

BE

FOT

BE

BFO

Exist. Fence

STA. 693+23.09

S-450A

S-451A

℄ SURVEY SR 400 (I-4)

1" = 40' Horizontal

1" = 10' Vertical

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

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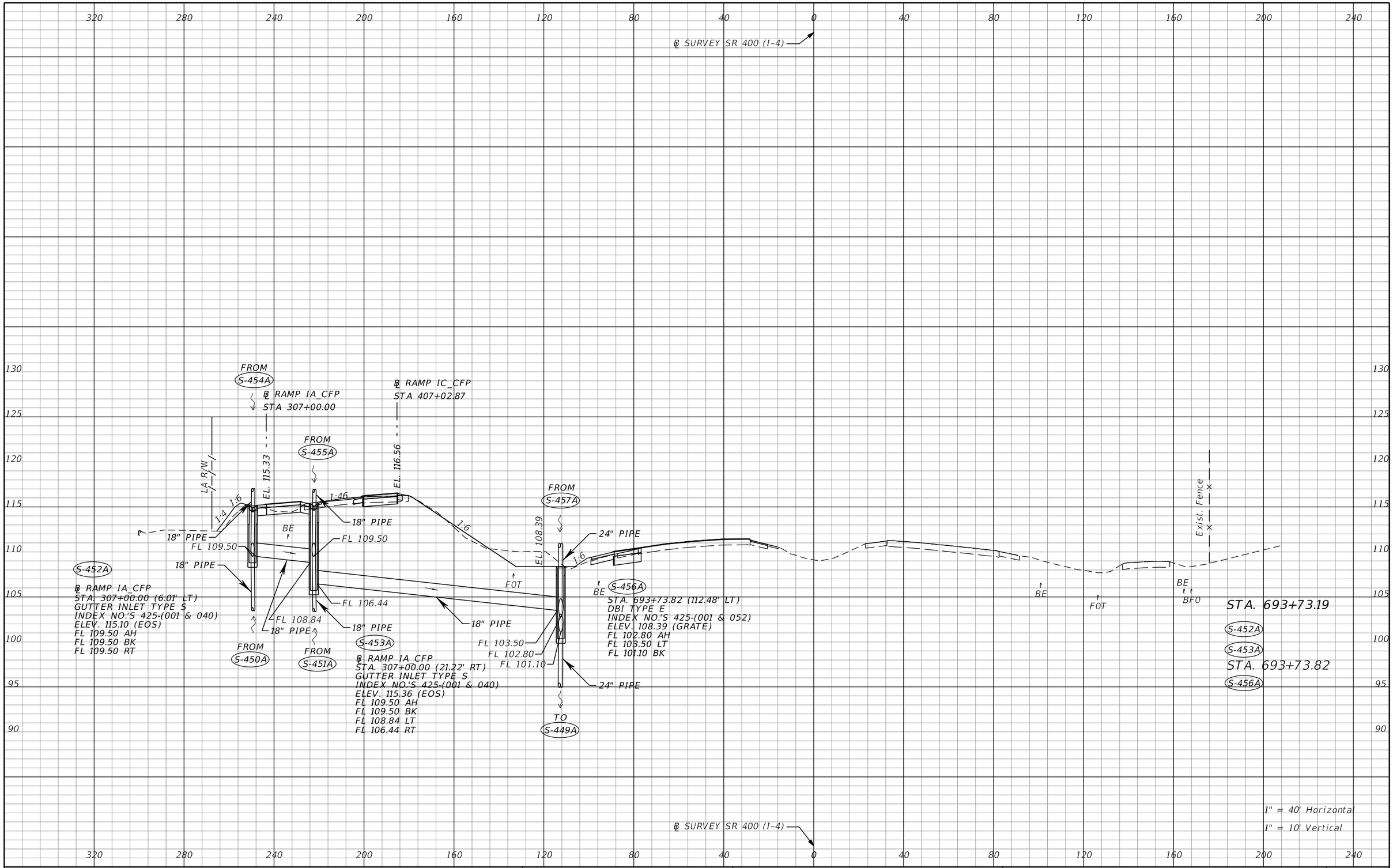
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 268

glen.dvorovy 5/6/2020 4:59:08 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\DRXSRD01_SR400.DGN



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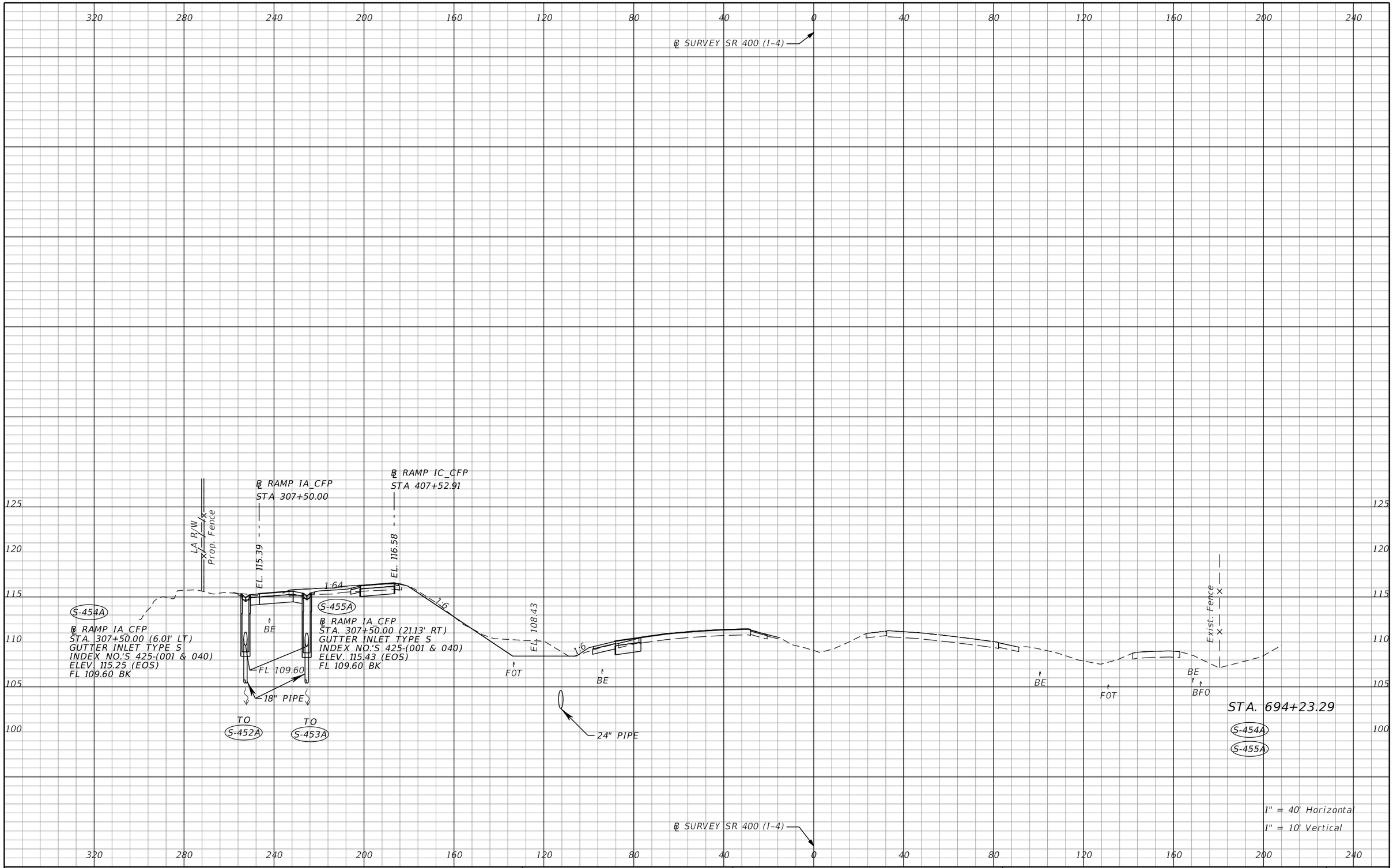
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 269



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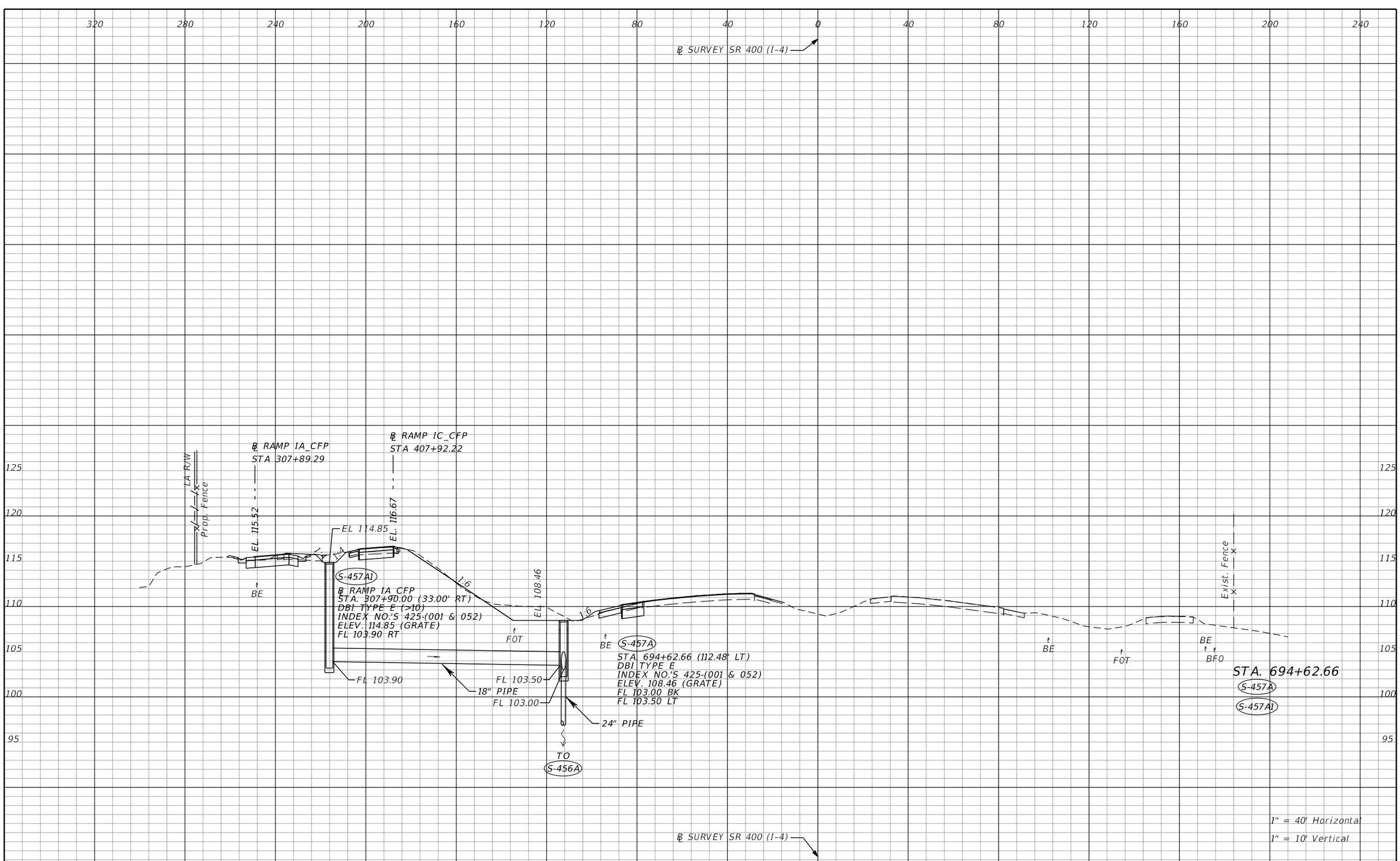
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 270



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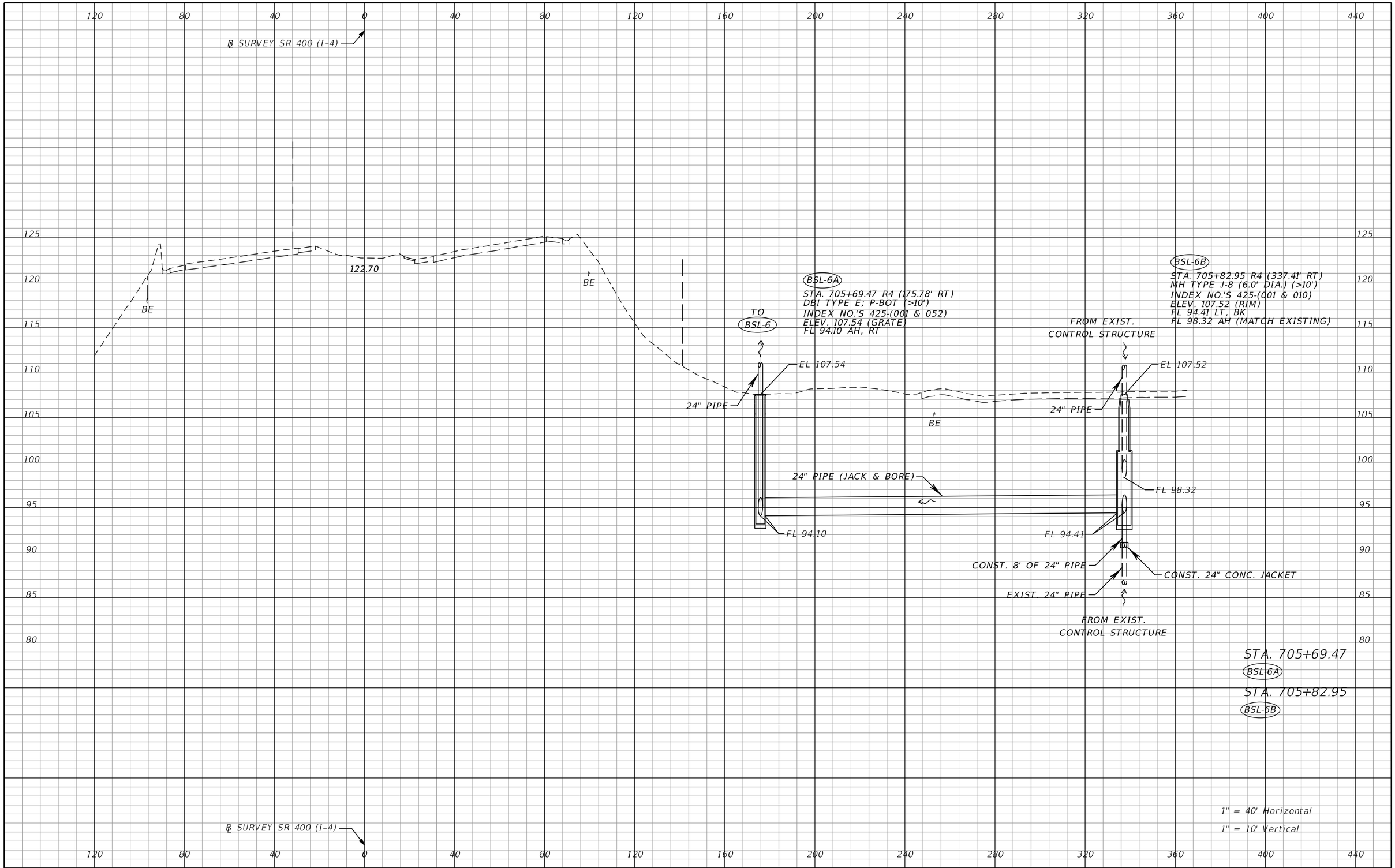
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 271



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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 272

℄ SURVEY SR 400 (I-4)

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

125 120 115 110 105 100 95 90

123.25

BE

BE

BSL-5B

STA. 706+45.16 R4 (238.88' LT)
DBI TYPE E
J-BOT (15.0' X 5.0')
INDEX NO.'S 425-(010 & 052)
ELEV. 102.72 (GRATE)
FL 94.21 LT
FL 95.28 RT (MATCH EXISTING)
FL 96.21 BK

EL 102.72

1:6

46.52'

1:6

BE

BE

FROM EXIST.
48" PIPES

TO
BSL-5C

2-48" EXIST. PIPES

48" PIPE

FL 95.28

FL 96.21

FL 94.21

FROM
BSL-5D

STA. 706+51.81
BSL-5B

1" = 40' Horizontal
1" = 10' Vertical

℄ SURVEY SR 400 (I-4)

320 280 240 200 160 120 80 40 0 40 80 120 160 200 240

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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 273

℄ SURVEY SR 400 (I-4)

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

125 120 115 110 105 100 95 90 85 80

123.30

BE

BE

BE

FROM EXIST. MH

36" PIPE

EL 104.30

BSL-5A

STA. 706+60.81 R4 (151.88' LT)
MH TYPE J-8 (15.0' X 7.0') (>10')
INDEX NO.'S 425-(001 & 010)
ELEV. 104.30 (RIM)
FL 92.77 LT, RT
FL 95.50 AH (MATCH EXISTING)

FL 95.50

FROM BSL-5

54" PIPE (JACK & BORE OR MICROTUNNELING)

FL 92.77

54" PIPE (JACK & BORE OR MICROTUNNELING)

FROM EXIST. CATCH BASIN

42" EXIST. PIPE

EL 105.40

BSL-6

STA. 706+74.63 R4 (179.88' RT)
MH TYPE J-8 (7.0' X 8.0') (>10')
INDEX NO.'S 425-(001 & 010)
ELEV. 105.40 (RIM)
FL 92.64 LT, RT
FL 93.90 BK
FL 94.00 AH (MATCH EXISTING)

TO BSL-7

48" PIPE (JACK & BORE OR MICROTUNNELING)

FL 92.64

FL 94.00

FL 93.90

24" PIPE

FROM BSL-6A

STA. 706+60.81
BSL-6

STA. 706+74.63
BSL-5A

1" = 40' Horizontal
1" = 10' Vertical

℄ SURVEY SR 400 (I-4)

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 274

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ DARYL CARTER PKWY

TO 685

160 155 150 145 140 135 130

EXIST. 24" PIPE TO REMAIN

EL 150.26

EL 150.81

FL 146.27

FL 146.01

EXIST. 18" PIPE TO REMAIN

FL 146.28

EXIST. 18" PIPE TO REMAIN

FL 146.26

STA. 107+65.41
689
STA. 107+64.26
688
STA. 107+65.13
687

689
STA. 107+65.41 (71.66' LT)
EXIST. TYPE P-1 INLET TO REMAIN
INDEX NO.'S 425-(001, 010, & 020)
EXIST. ELEV. 150.26 (TO VERIFY EOP)
EXIST. FL 146.27 RT (TO VERIFY)

LA R/W

688
STA. 107+64.26 (0.88' LT)
EXIST. MH TO REMAIN
ADJUST TOP AS NEEDED
INDEX NO.'S 425-(001 & 010)
EXIST. ELEV. 152.16 (TO VERIFY RIM)
EXIST. FL 146.01 AH (TO VERIFY)
EXIST. FL 146.26 RT (TO VERIFY)
EXIST. FL 146.01 LT (TO VERIFY)

LA R/W

687
STA. 107+65.13 (59.38' RT)
EXIST. TYPE P-1 INLET TO REMAIN
INDEX NO.'S 425-(001, 010, & 020)
EXIST. ELEV. 150.81 (TO VERIFY EOP)
EXIST. FL 146.28 LT (TO VERIFY)

℄ WNP

℄ DARYL CARTER PKWY

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	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 275

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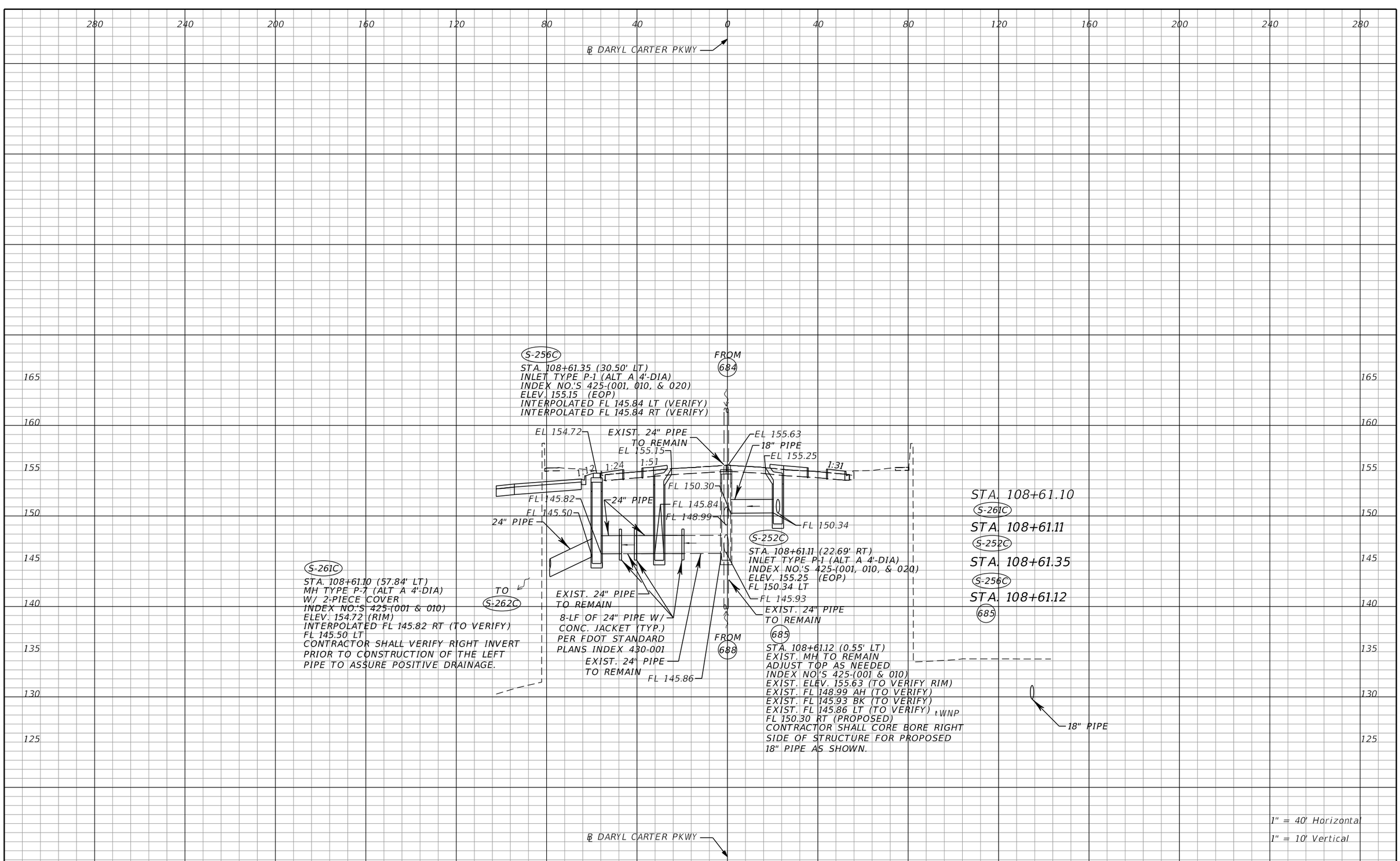

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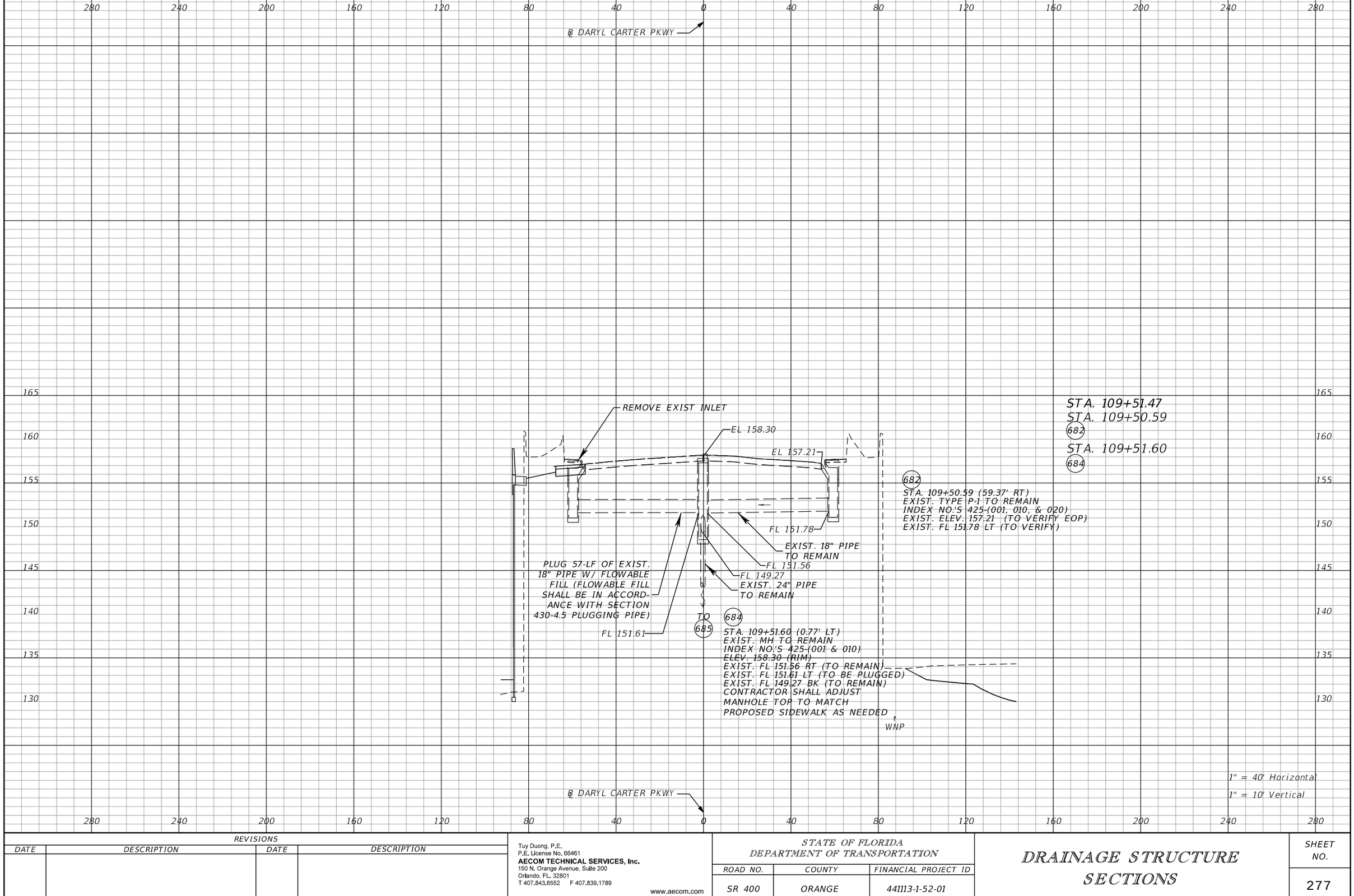
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 276



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 277

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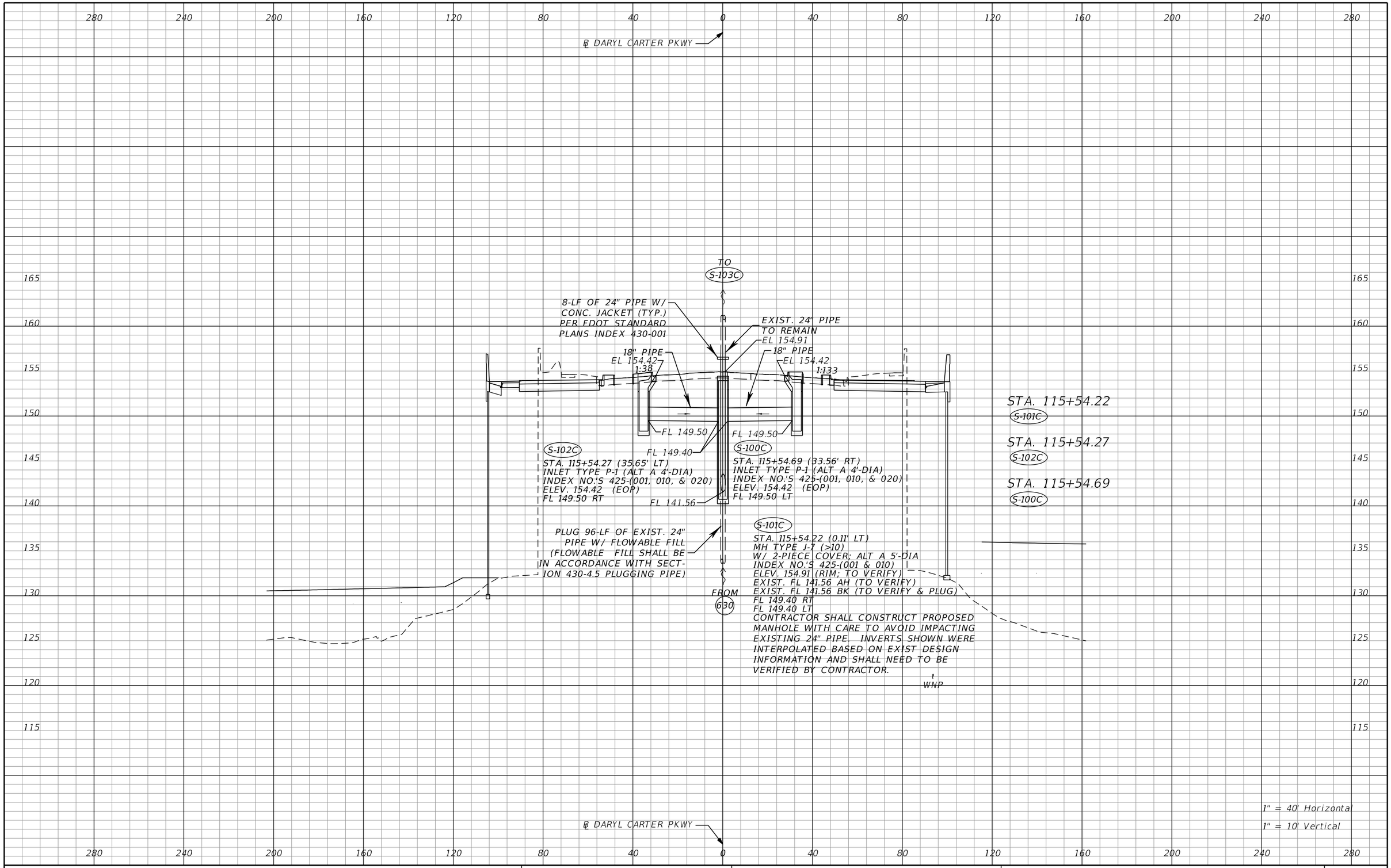

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 278

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ DARYL CARTER PKWY

TO S-106C

EXIST. 24" PIPE TO REMAIN

8-LF OF 24" PIPE W/ CONC. JACKET (TYP.) PER FDOT STANDARD PLANS INDEX 430-001

EL 150.90

1:5

1:4

1:21

1:41

EL 152.84

S-104C

STA. 116+26.50 (68.50' LT)
INLET TYPE P-1 (ALT A 4'-DIA)
INDEX NO.'S 425-(001, 010, & 020)
ELEV. 150.90 (EOP)
FL 146.00 RT

FL 146.00

18" PIPE

FL 145.70

FL 140.45

8-LF OF 24" PIPE W/ CONC. JACKET (TYP.) PER FDOT STANDARD PLANS INDEX 430-001

Prop. Fence

LA R/W

LA R/W

EXIST. 24" PIPE TO REMAIN

S-103C

STA. 116+26.50 (-0.00' LT)
MH TYPE J-7 (>10)
W/ 2-PIECE COVER; ALT A 5'-DIA
INDEX NO.'S 425-(001 & 010)
ELEV. 152.84 (RIM)
EXIST. FL 140.45 BK (TO VERIFY)
FL 145.70 LT (PROPOSED)
EXIST. FL 140.45 AH (TO VERIFY)
CONTRACTOR SHALL CONSTRUCT PROPOSED MANHOLE WITH CARE TO AVOID IMPACTING EXISTING 24" PIPE. INVERTS SHOWN WERE INTERPOLATED BASED ON EXIST DESIGN INFORMATION AND SHALL NEED TO BE VERIFIED BY CONTRACTOR.

FROM S-101C

Prop. Fence

LA R/W

BE

WNP

STA 116+26.50

S-103C

S-104C

℄ DARYL CARTER PKWY

1" = 40' Horizontal
1" = 10' Vertical

165 160 155 150 145 140 135 130 125 120

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Tuy Duong, P.E.
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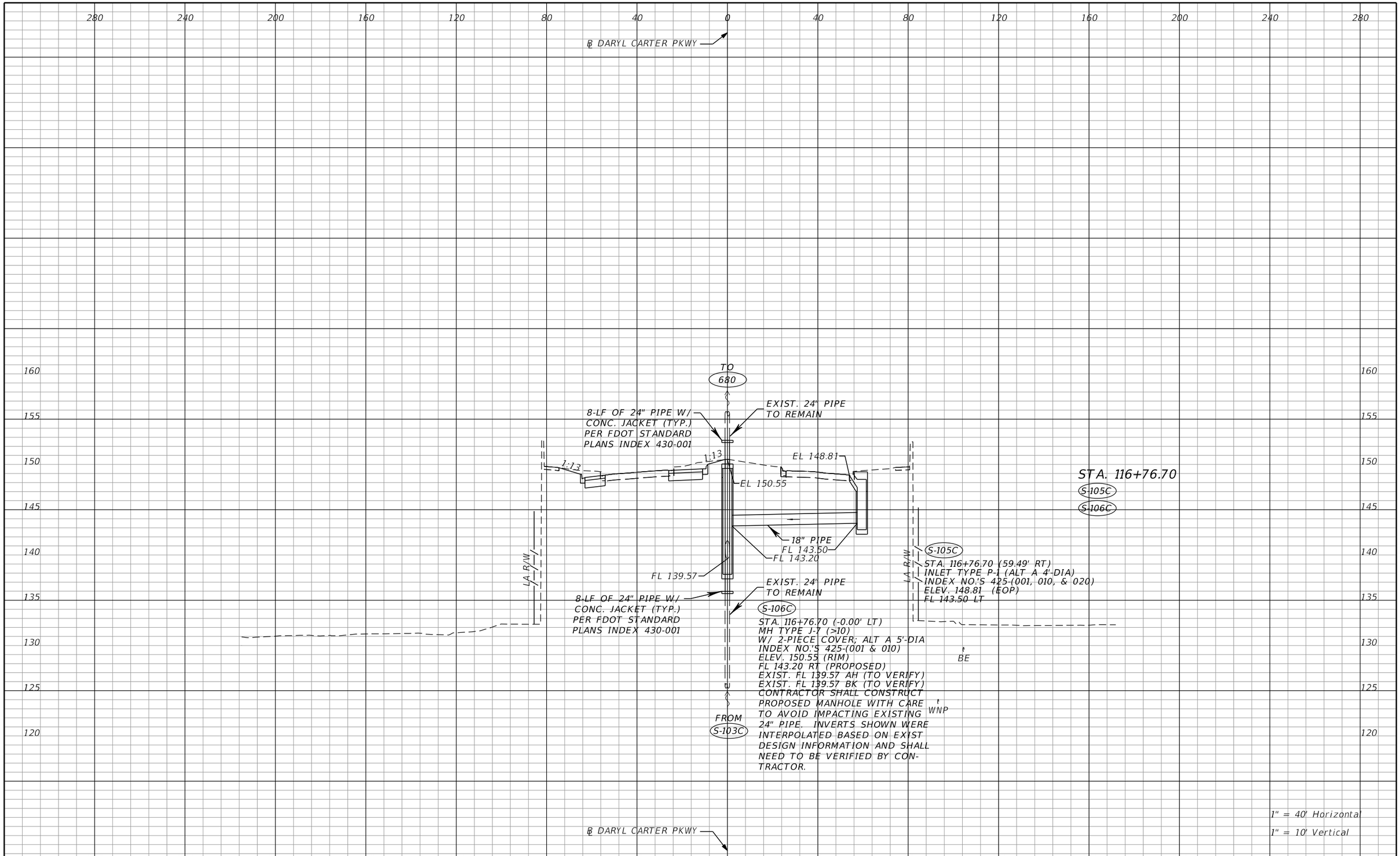
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 279



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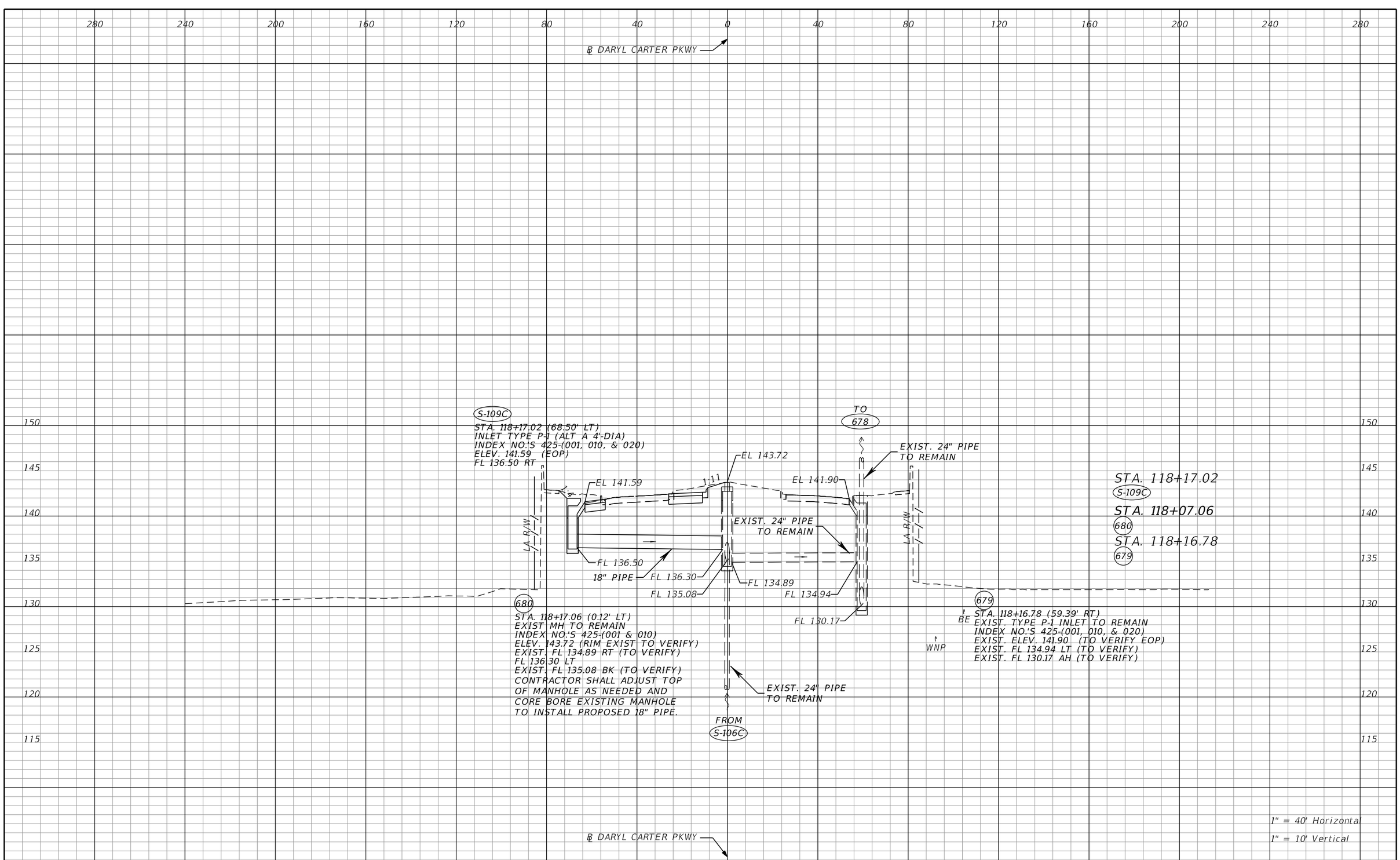
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 280

glen.dvorovy 5/6/2020 4:59:54 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\DRXSRD02_DCP.DGN



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 281

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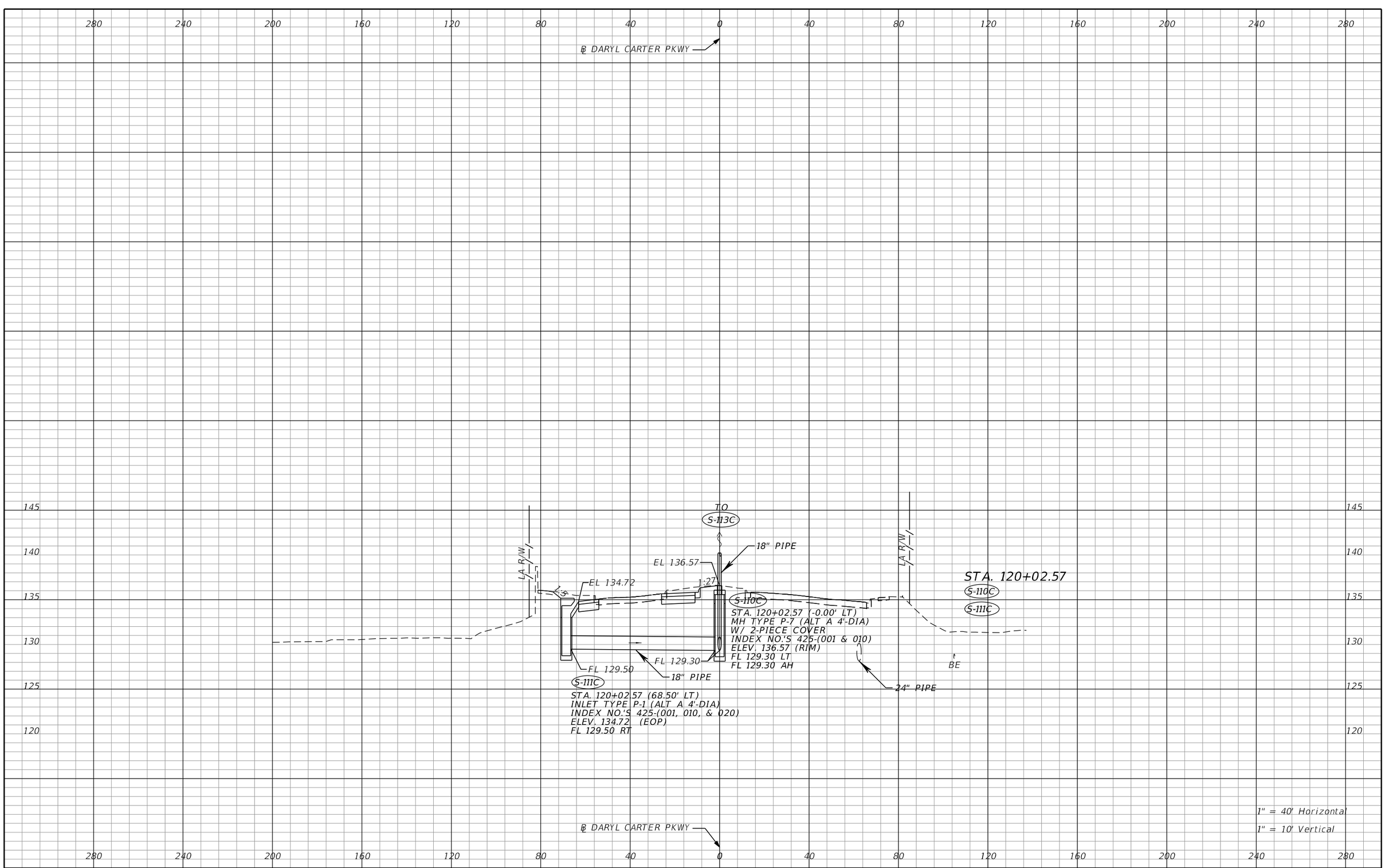

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DRAINAGE STRUCTURE SECTIONS

SHEET NO. 282

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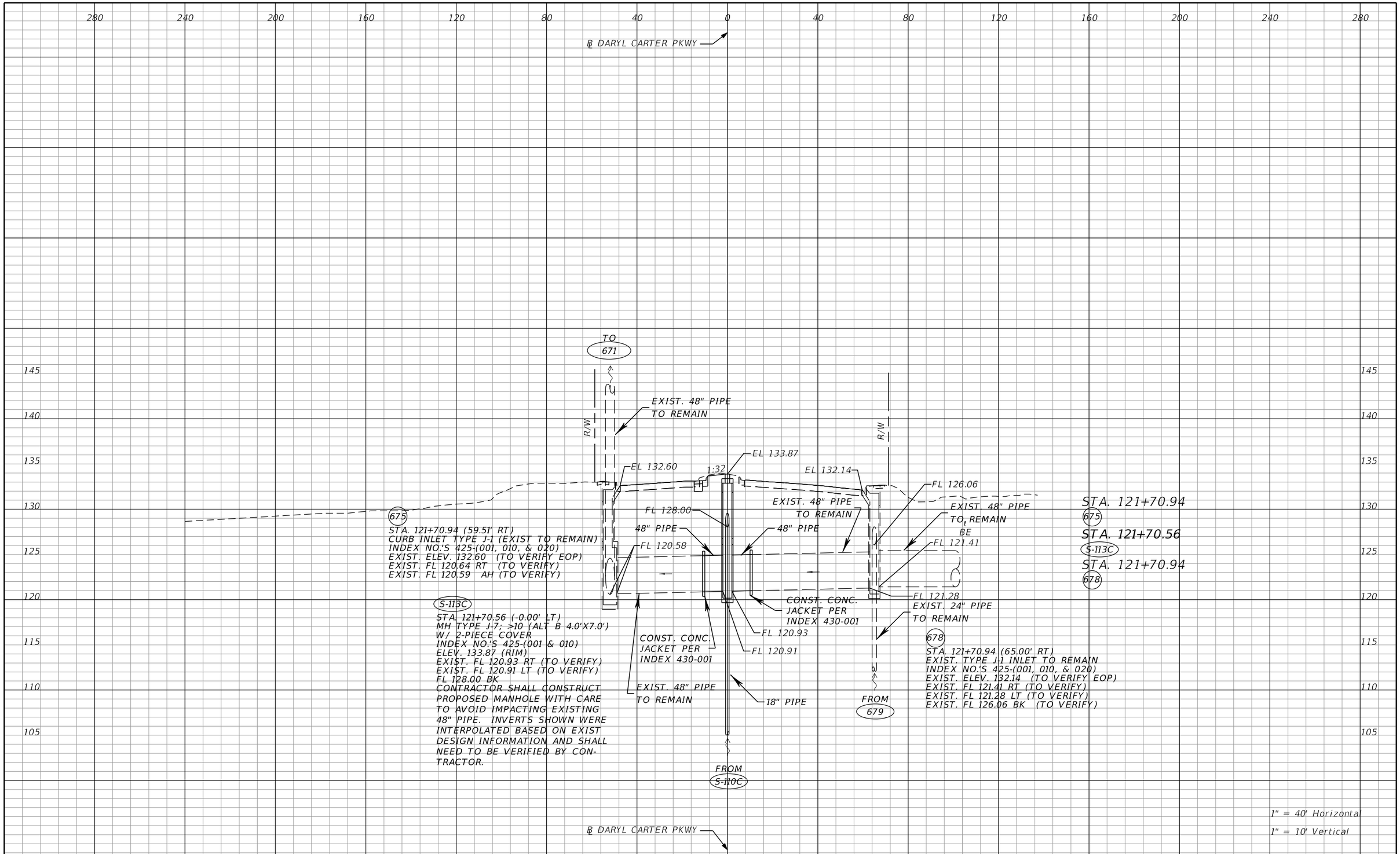

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DRAINAGE STRUCTURE SECTIONS

SHEET NO. 283

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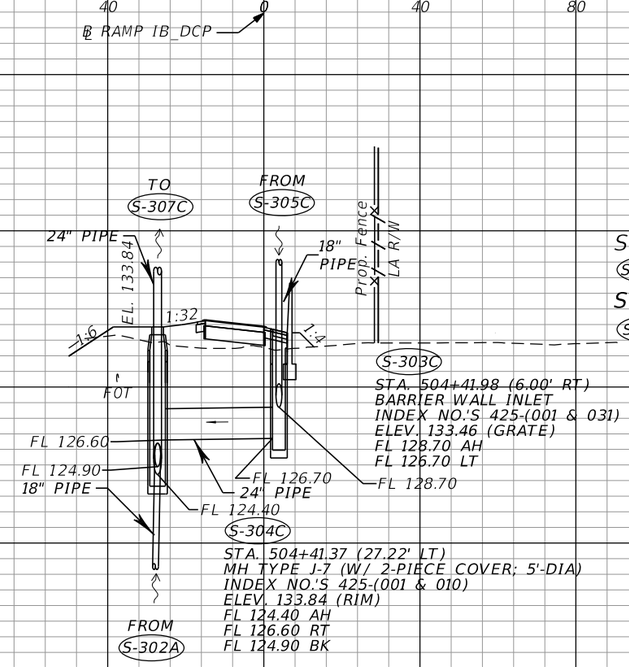

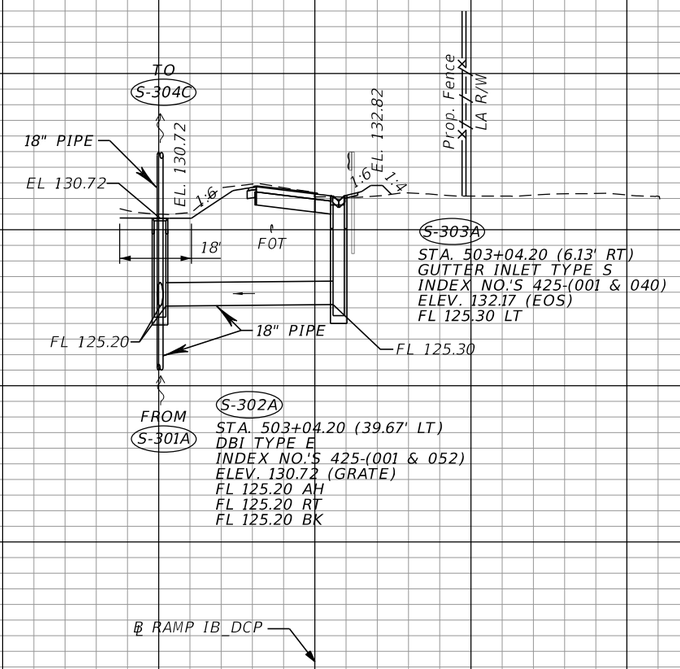

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1" = 10' Vertical

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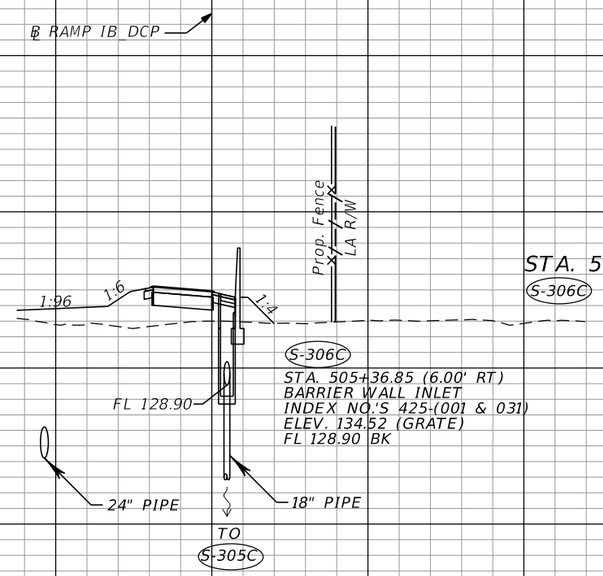
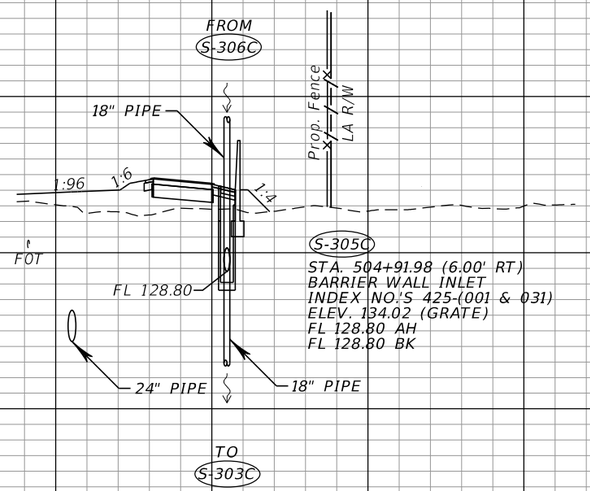
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 284





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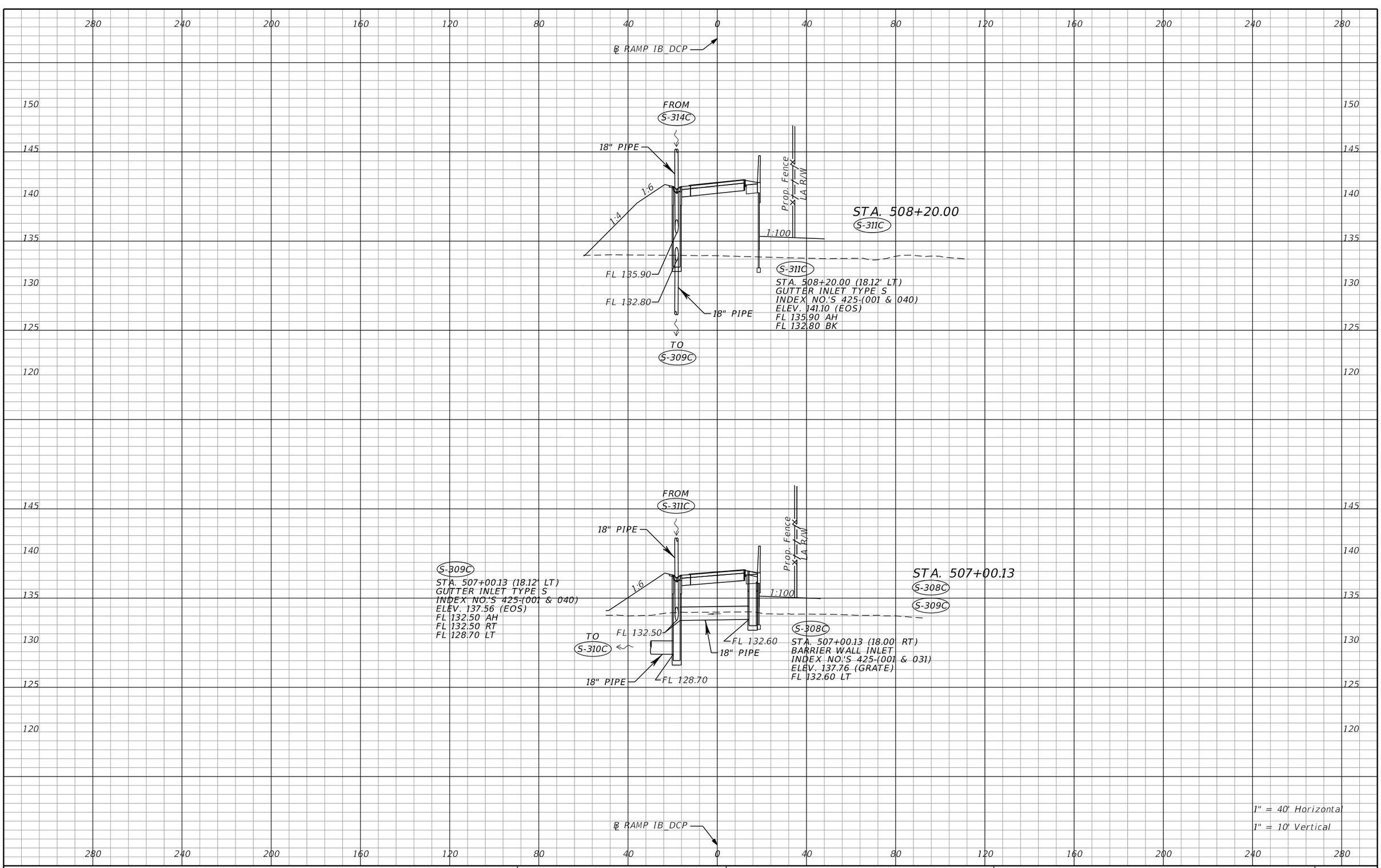
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 285

glen.dvorovy 5/6/2020 5:00:05 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\DRXSRD03_IB_DCP.DGN



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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 286

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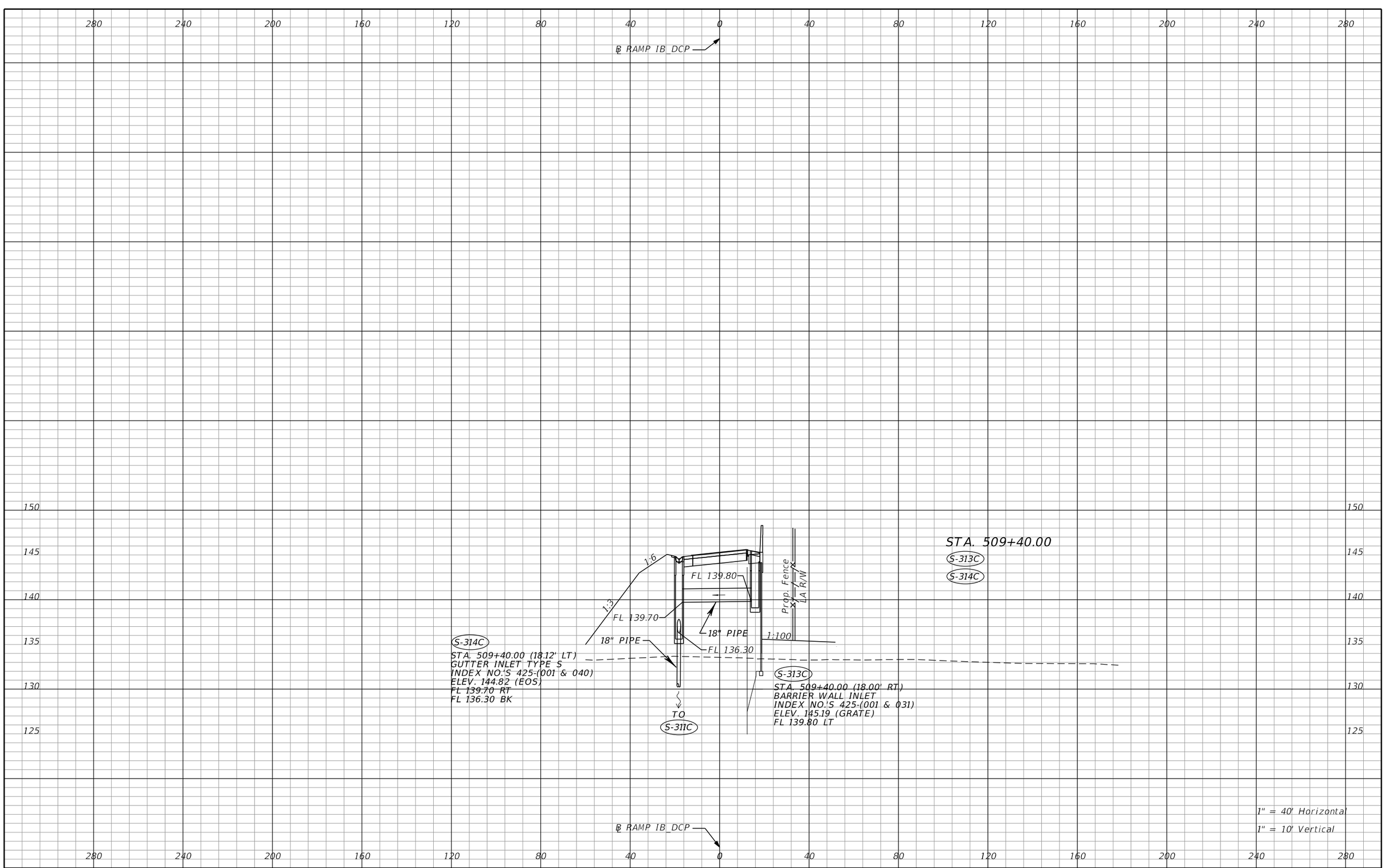

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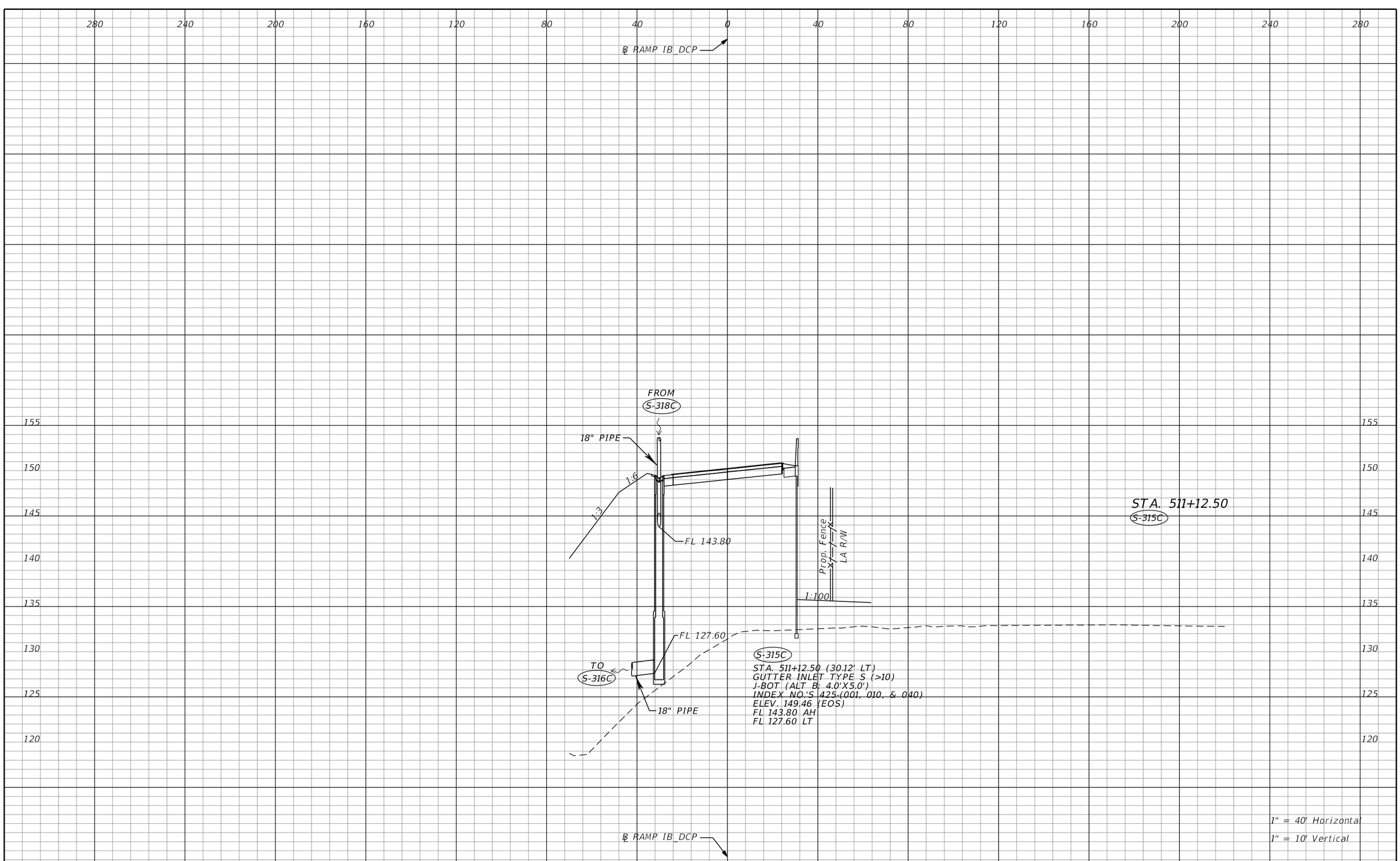
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 287



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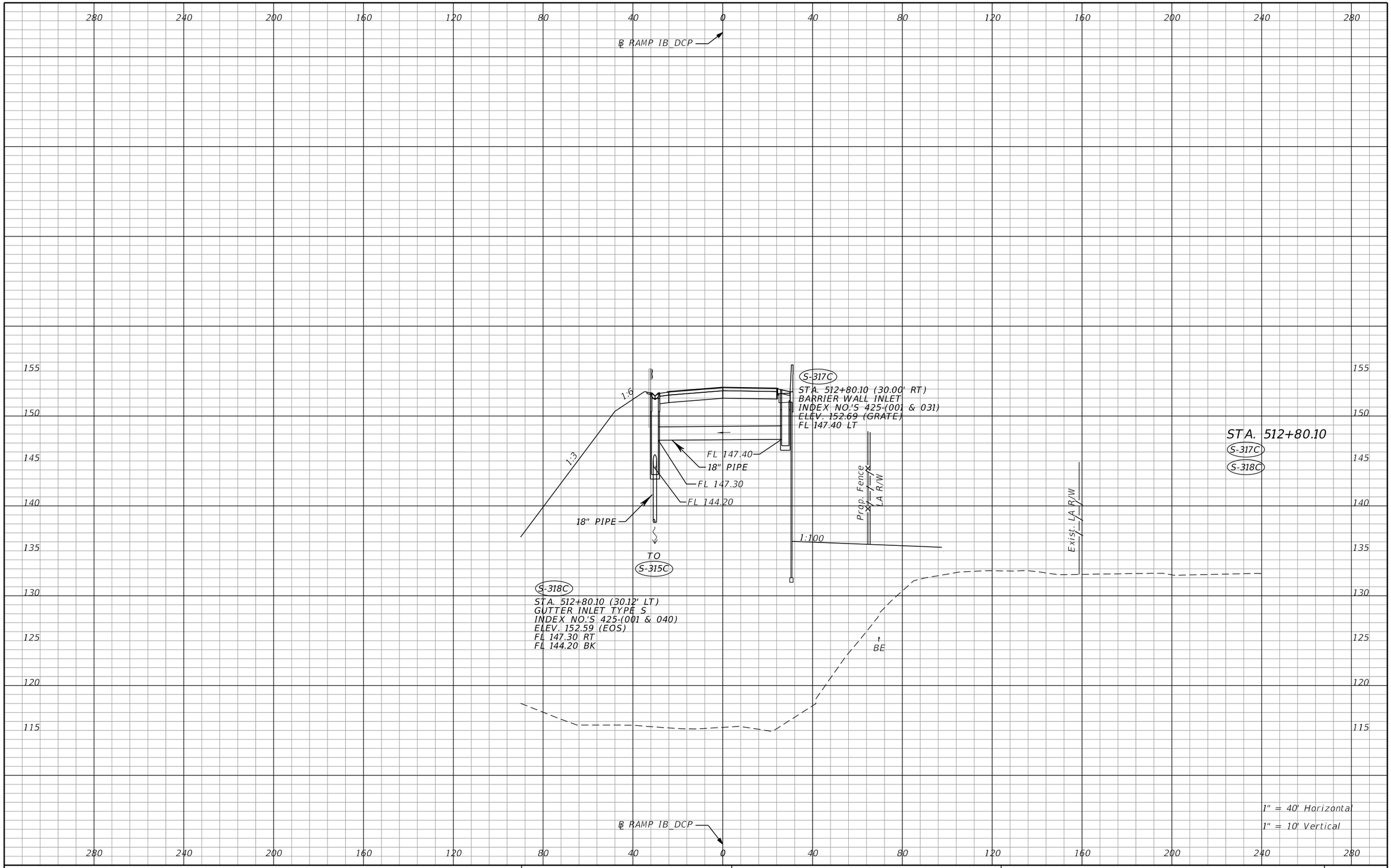
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 288



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 289

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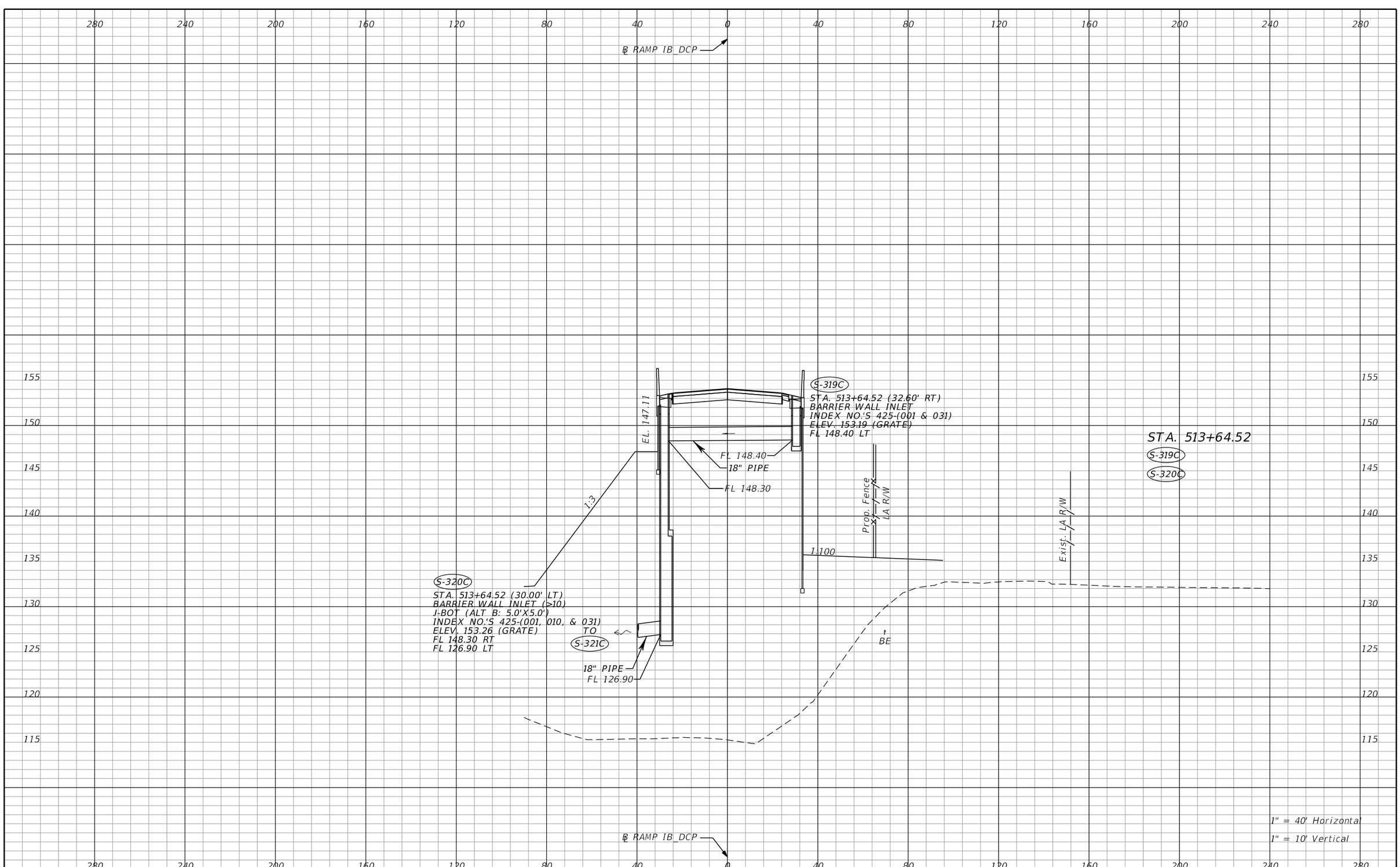

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 290

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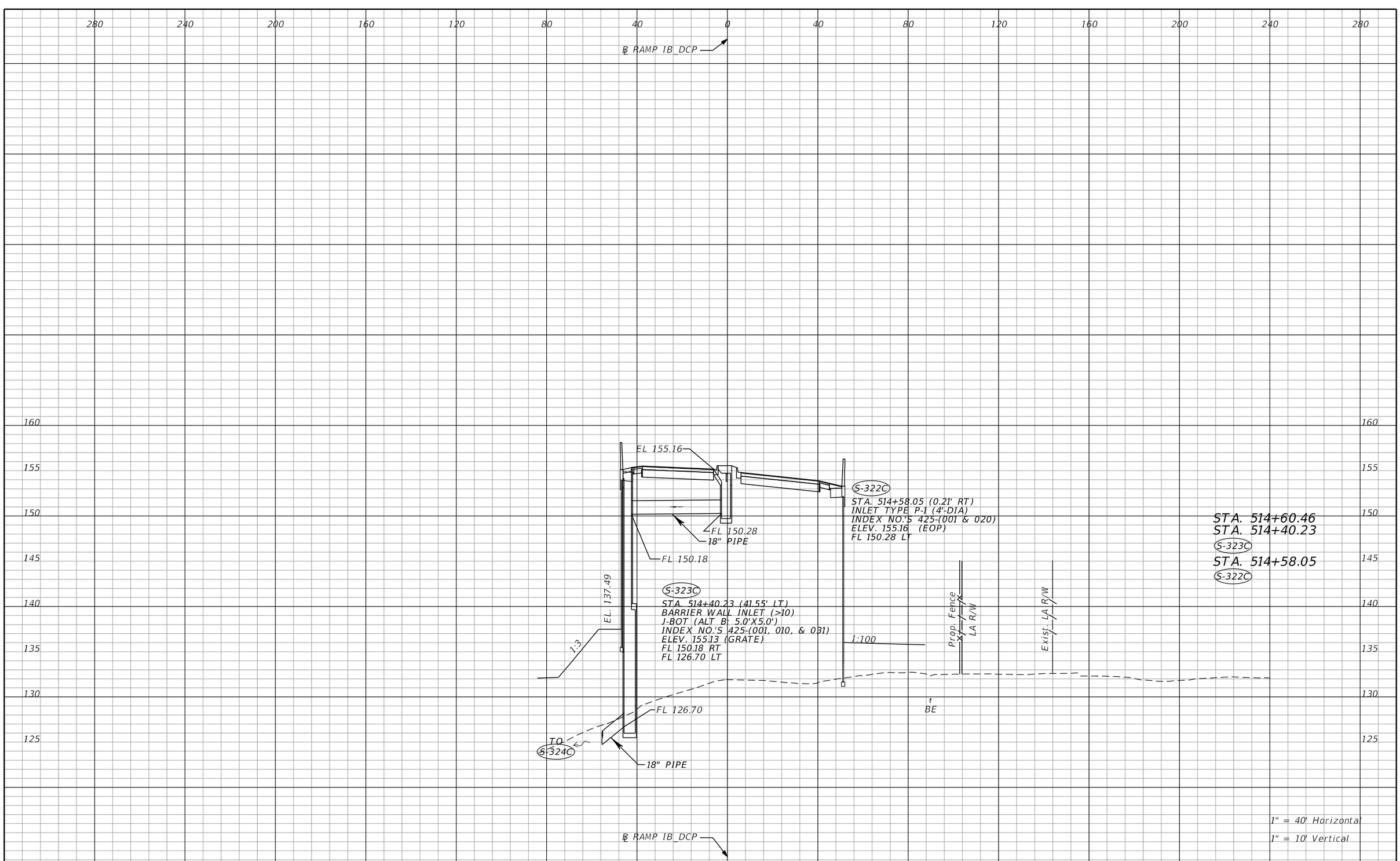

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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 291

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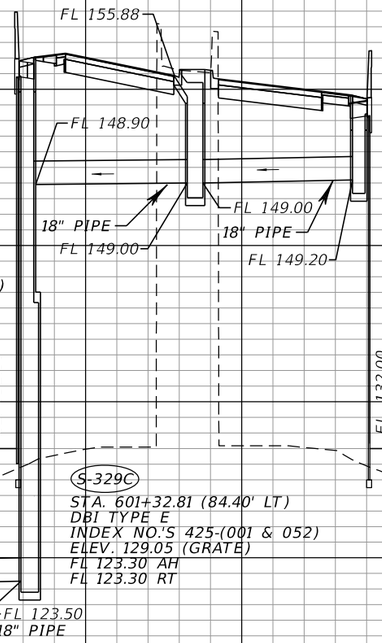

S-328C
STA. 601+10.33 (51.42' LT)
BARRIER WALL INLET (>10)
J-BOT (ALT B: 5.0'X5.0')
INDEX NO.'S 425-(001, 010, & 031)
ELEV. 156.83 (GRATE)
FL 148.90 RT
FL 123.50 LT

S-326C
STA. 601+03.20 (27.11' RT)
BARRIER WALL INLET
INDEX NO.'S 425-(001 & 031)
ELEV. 154.39 (GRATE)
FL 149.20 LT

S-327C
STA. 600+77.43 (8.89' LT)
CI TYPE P-1 (4'-DIA)
INDEX NO.'S 425-(001 & 020)
ELEV. 155.88 (EOP)
FL 149.00 RT
FL 149.00 LT

S-329C
STA. 601+32.81 (84.40' LT)
DBI TYPE E
INDEX NO.'S 425-(001 & 052)
ELEV. 129.05 (GRATE)
FL 123.30 AH
FL 123.30 RT

STA. 600+86.33
STA. 600+77.43
S-327C
STA. 601+03.20
S-326C
STA. 601+10.33
S-328C
STA. 601+32.81
S-329C

160 155 150 145 140 135 130 125 120

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1" = 40' Horizontal
1" = 10' Vertical

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

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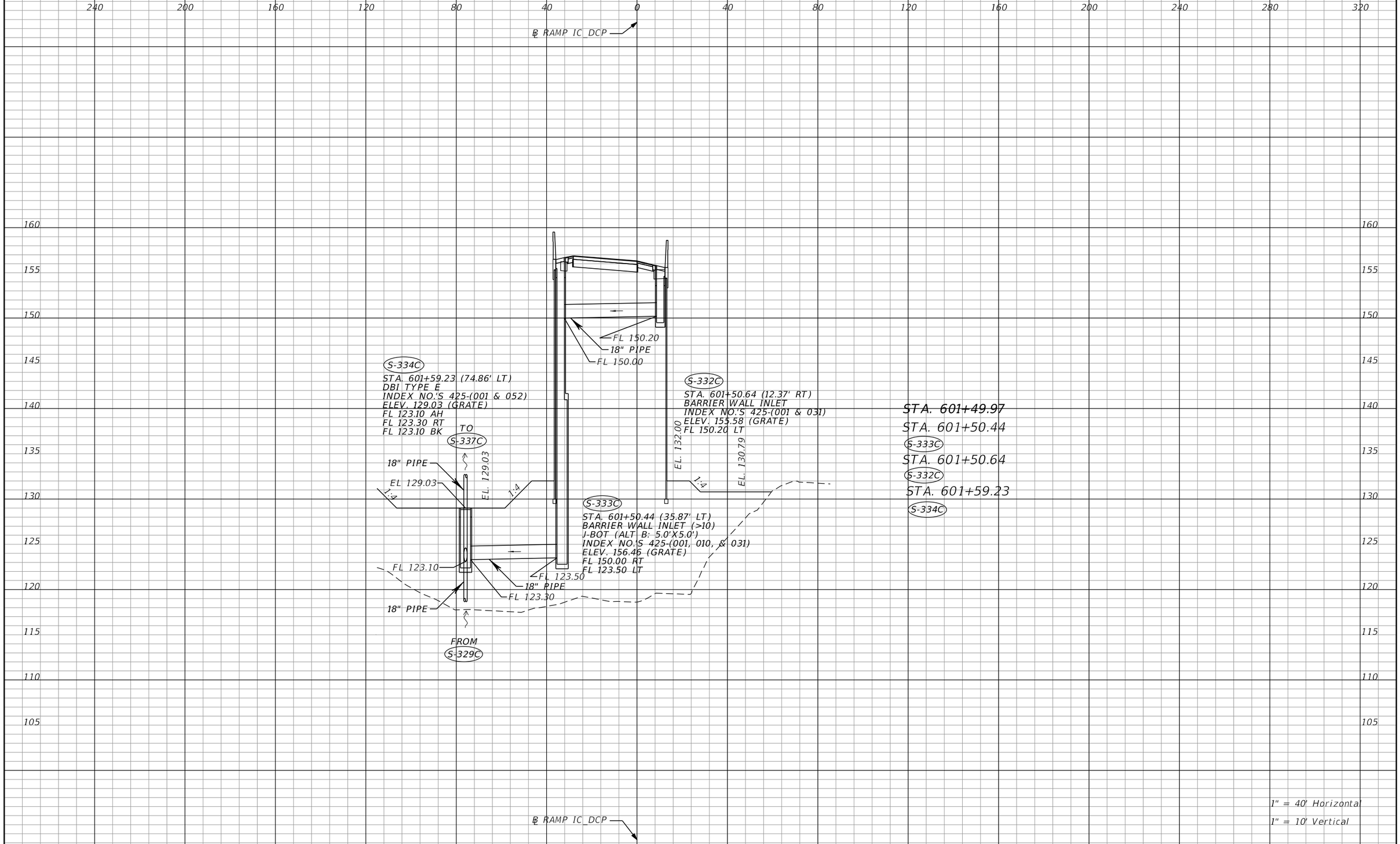
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 292



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DRAINAGE STRUCTURE SECTIONS

SHEET NO. 293

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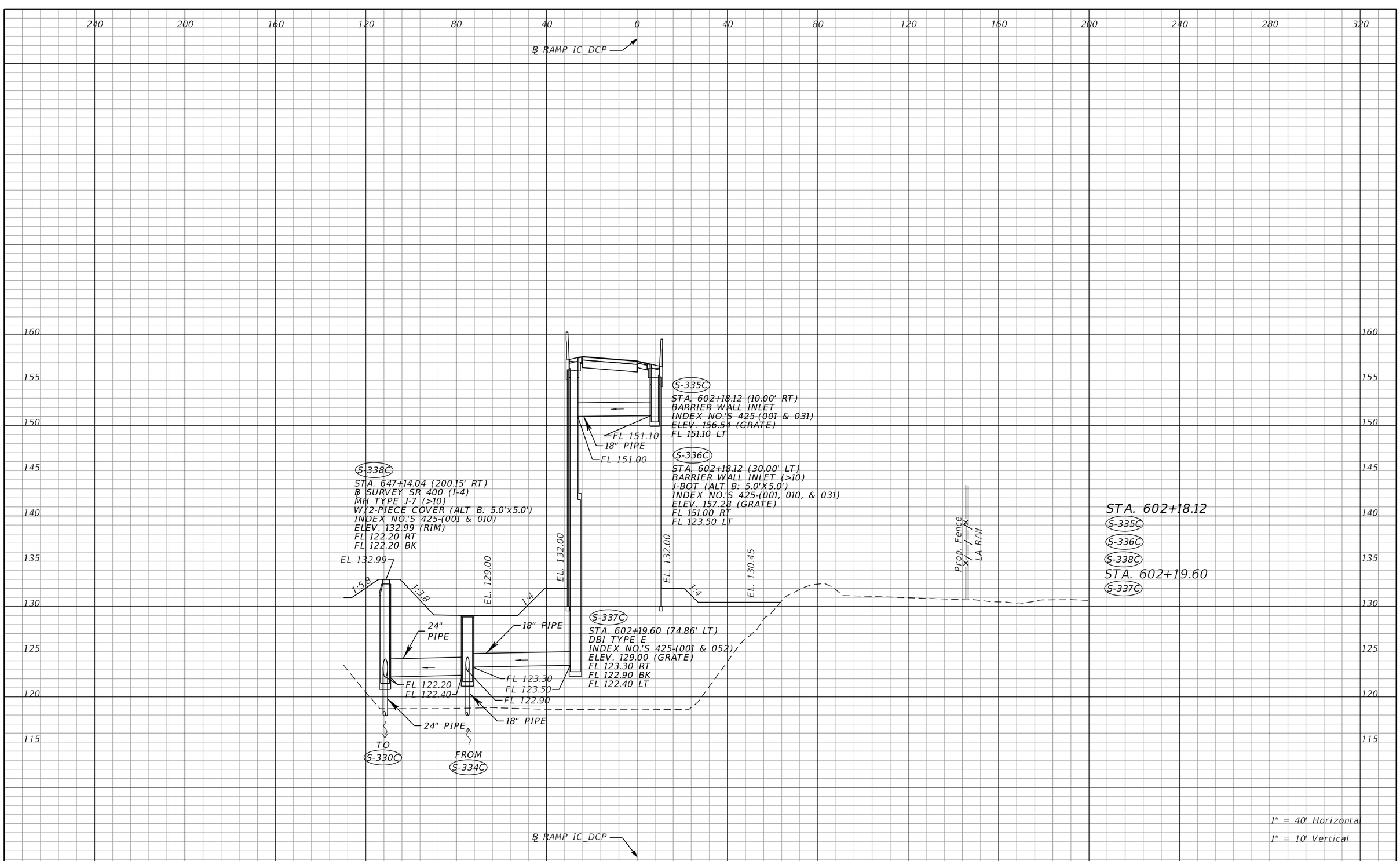

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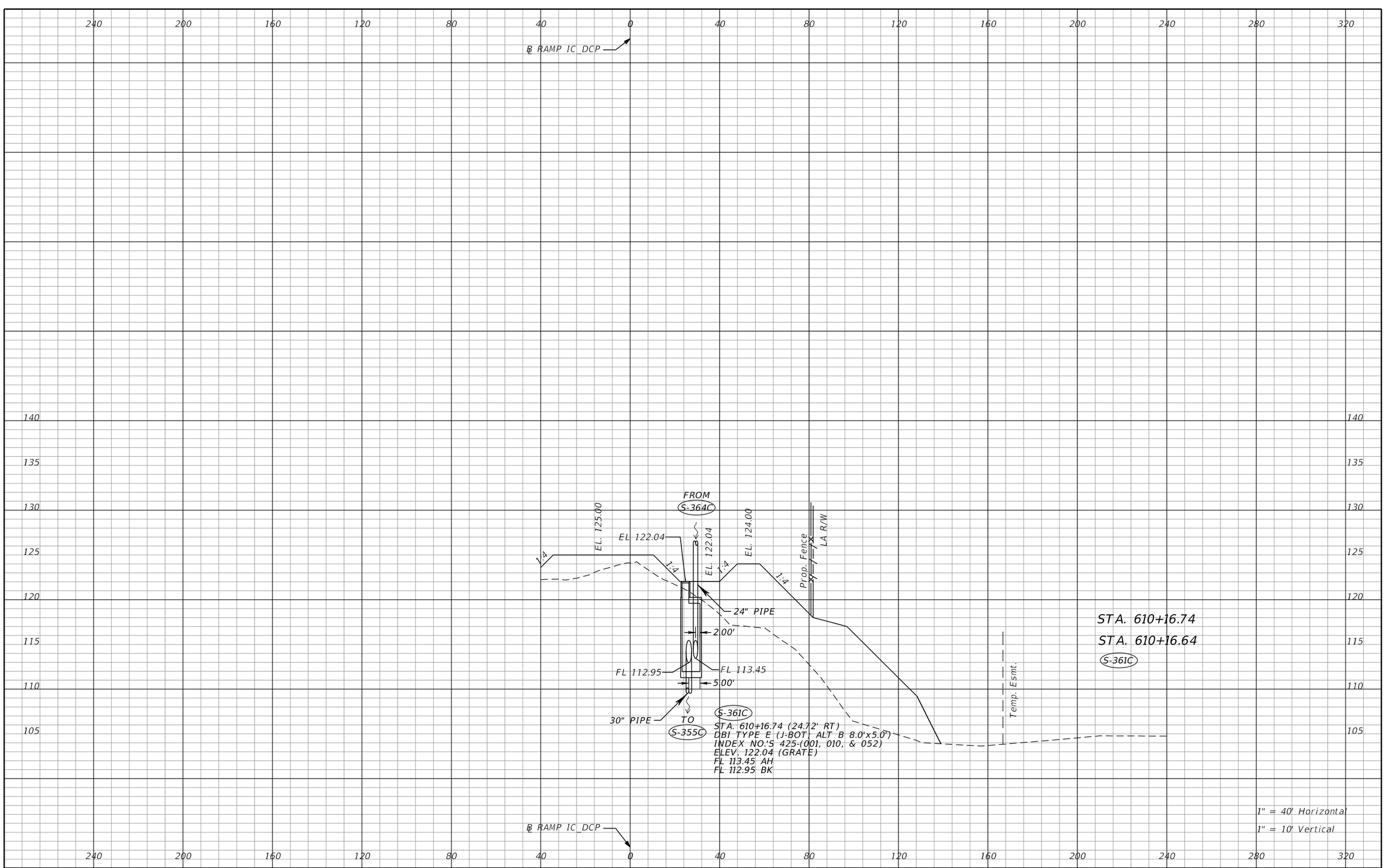
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 294



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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 295

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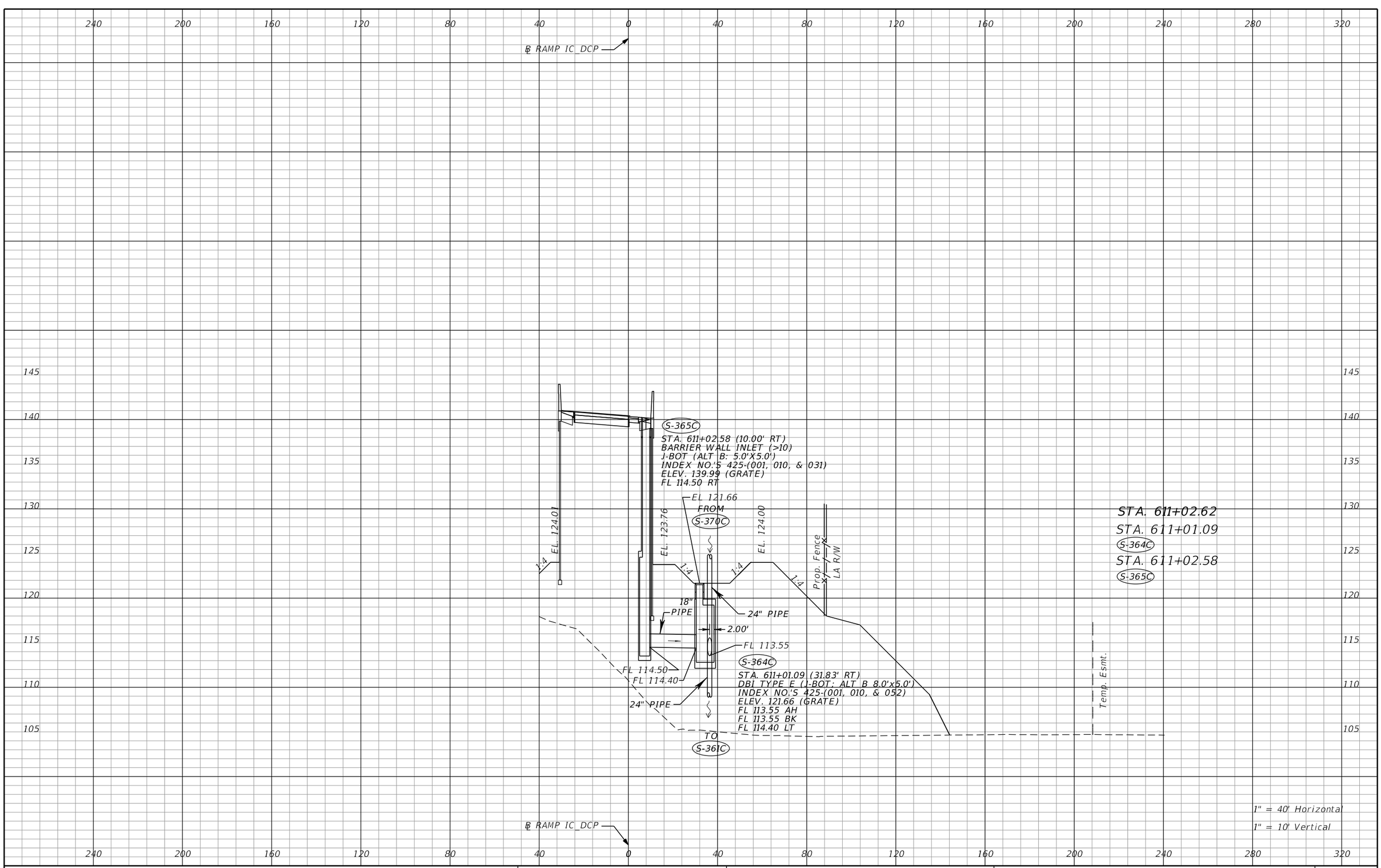

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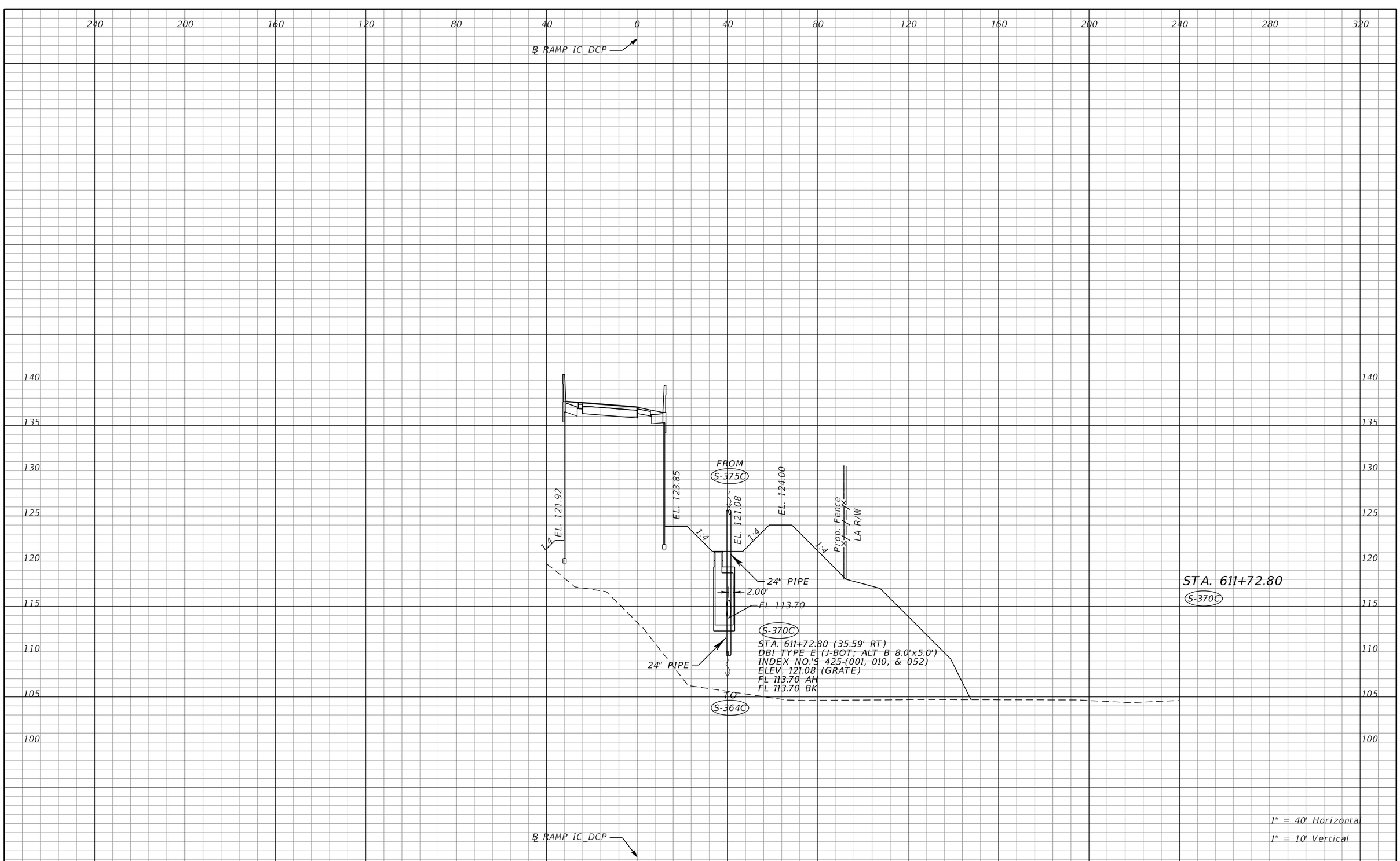
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 296



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Tuy Duong, P.E.
P.E. License No. 66461
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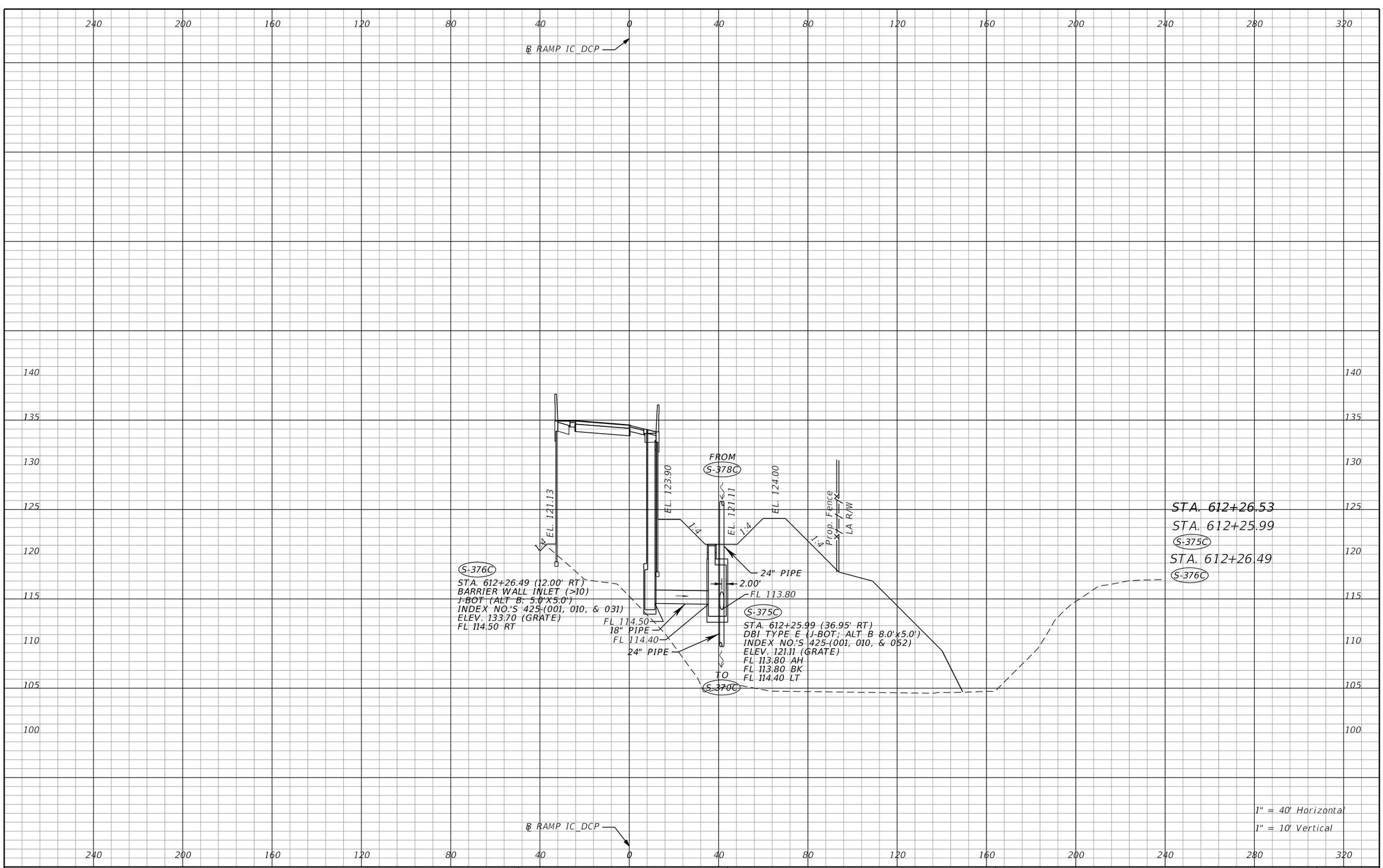
150 N. Orange Avenue, Suite 200
Orlando, FL. 32801
T 407.843.6552 F 407.839.1789
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 297



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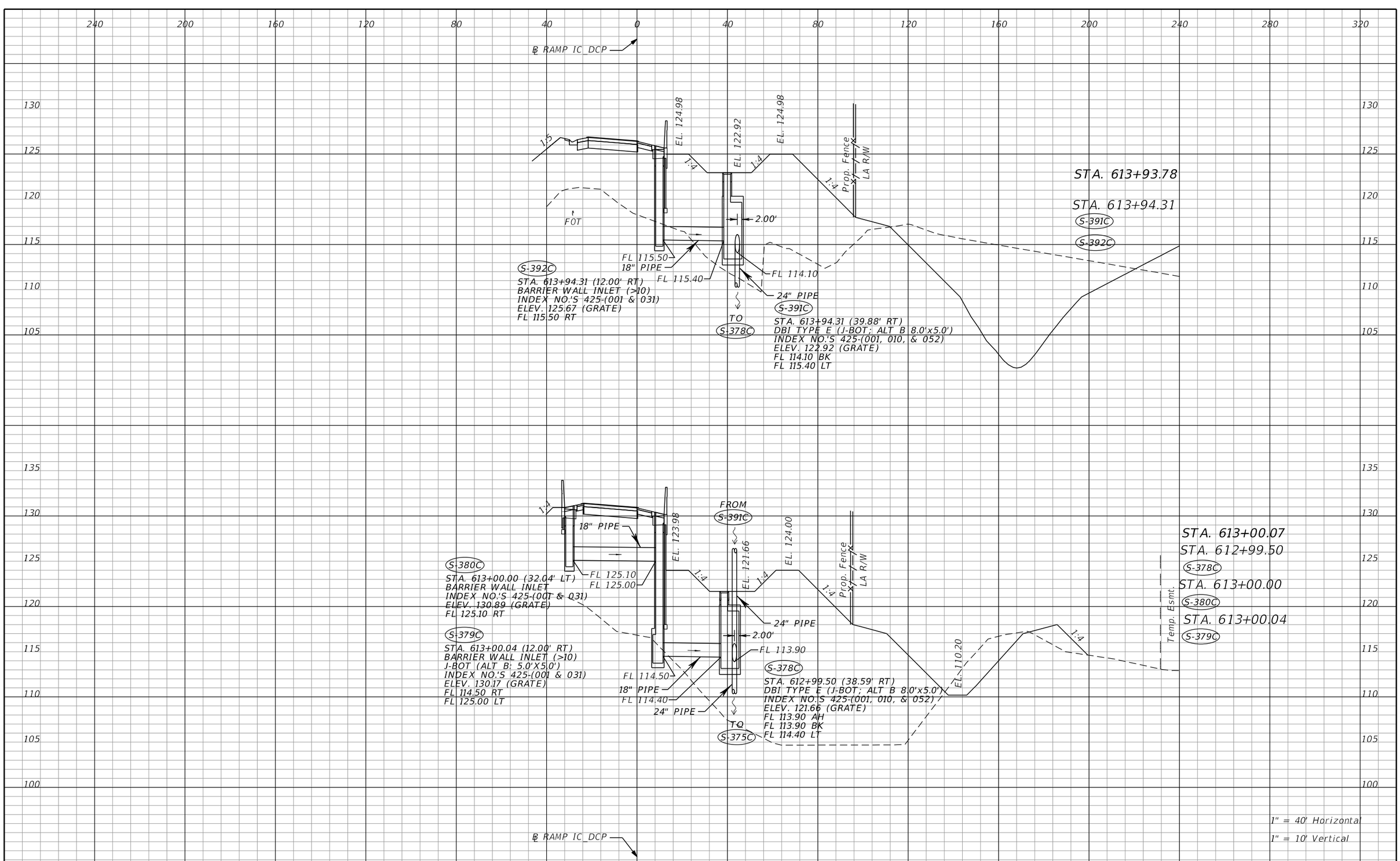
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 298



1" = 40' Horizontal
1" = 10' Vertical

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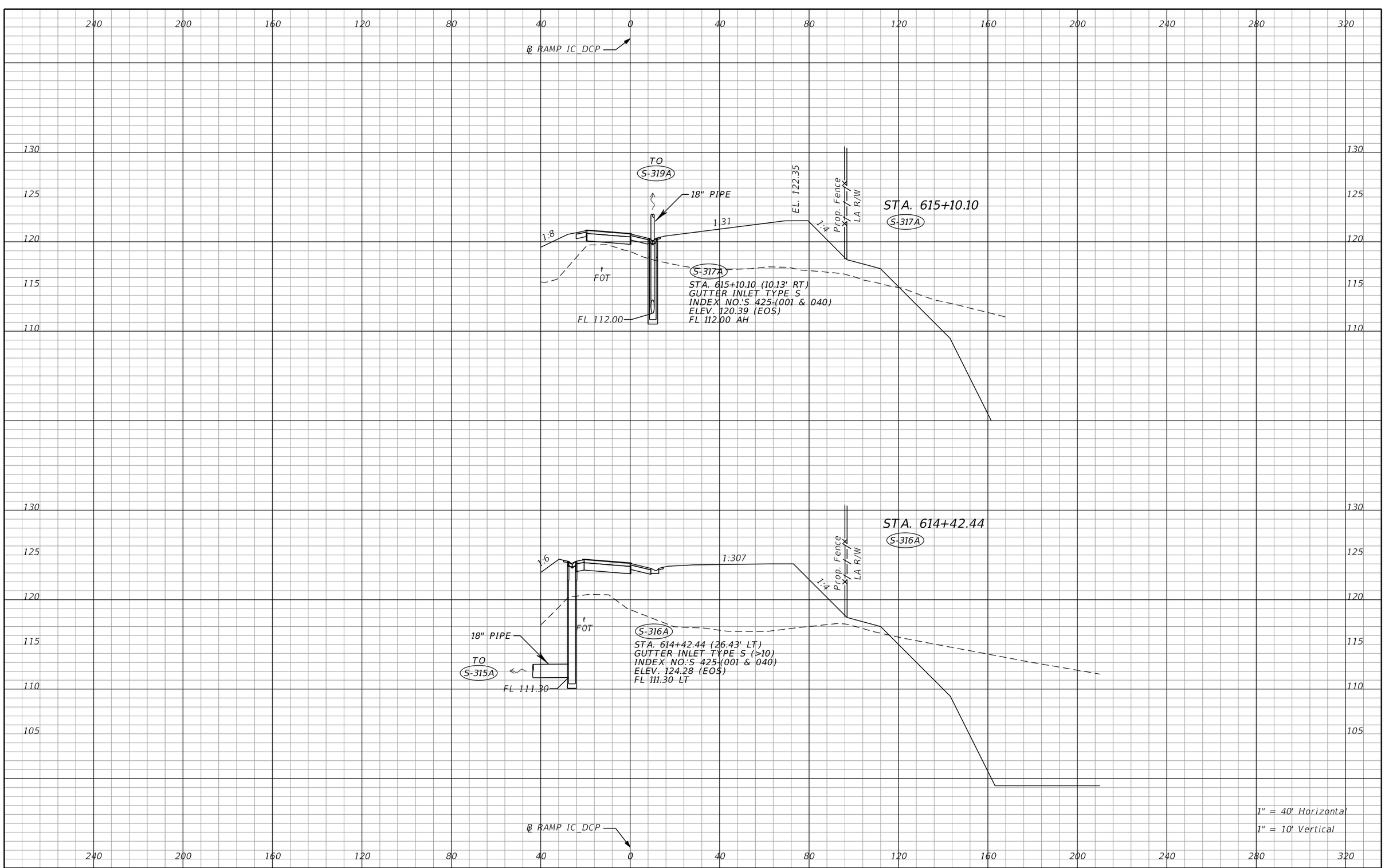
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 299

glen.dvorovy 5/6/2020 5:00:26 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\DRXSRD04_IC_DCP.DGN



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 300

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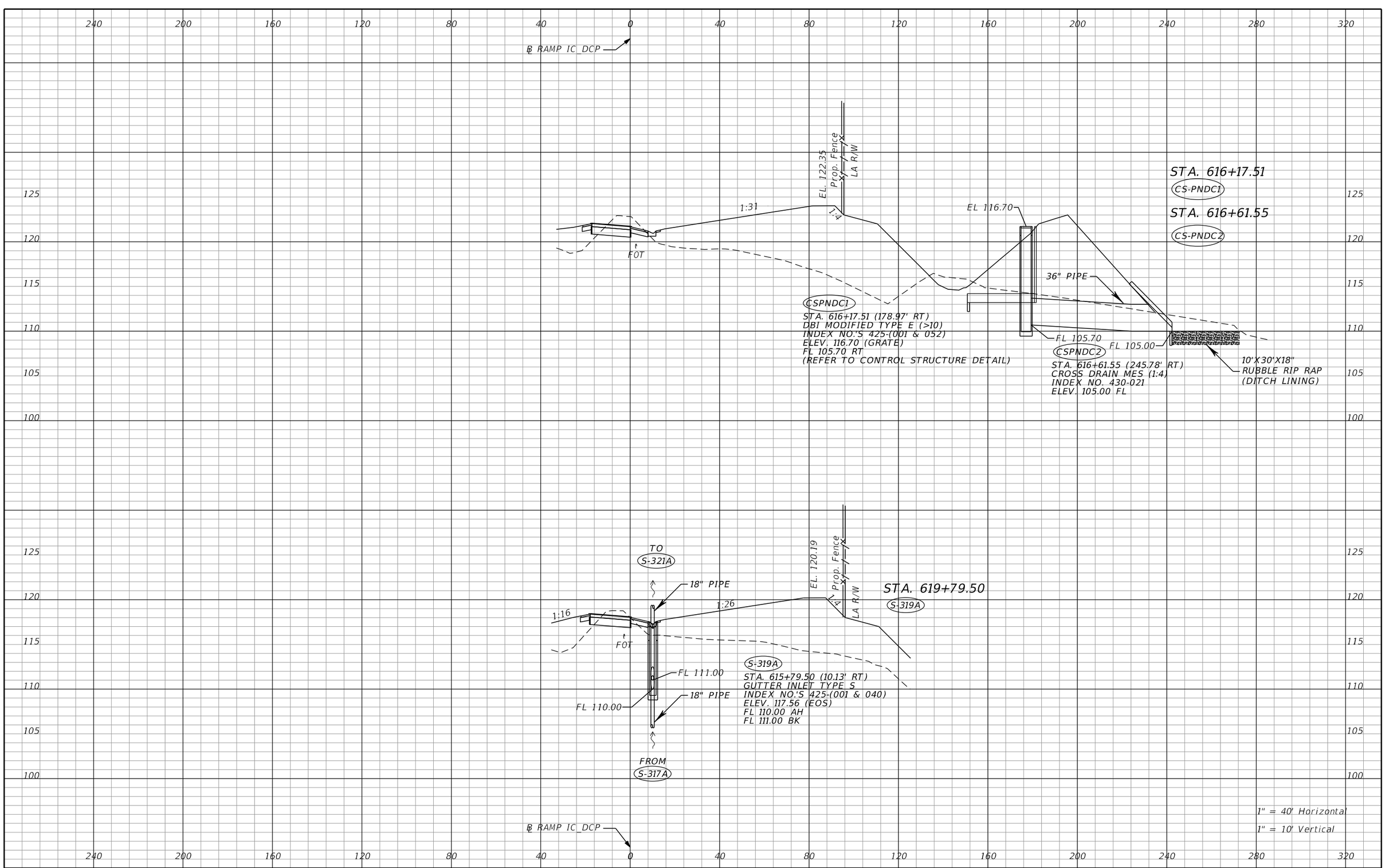

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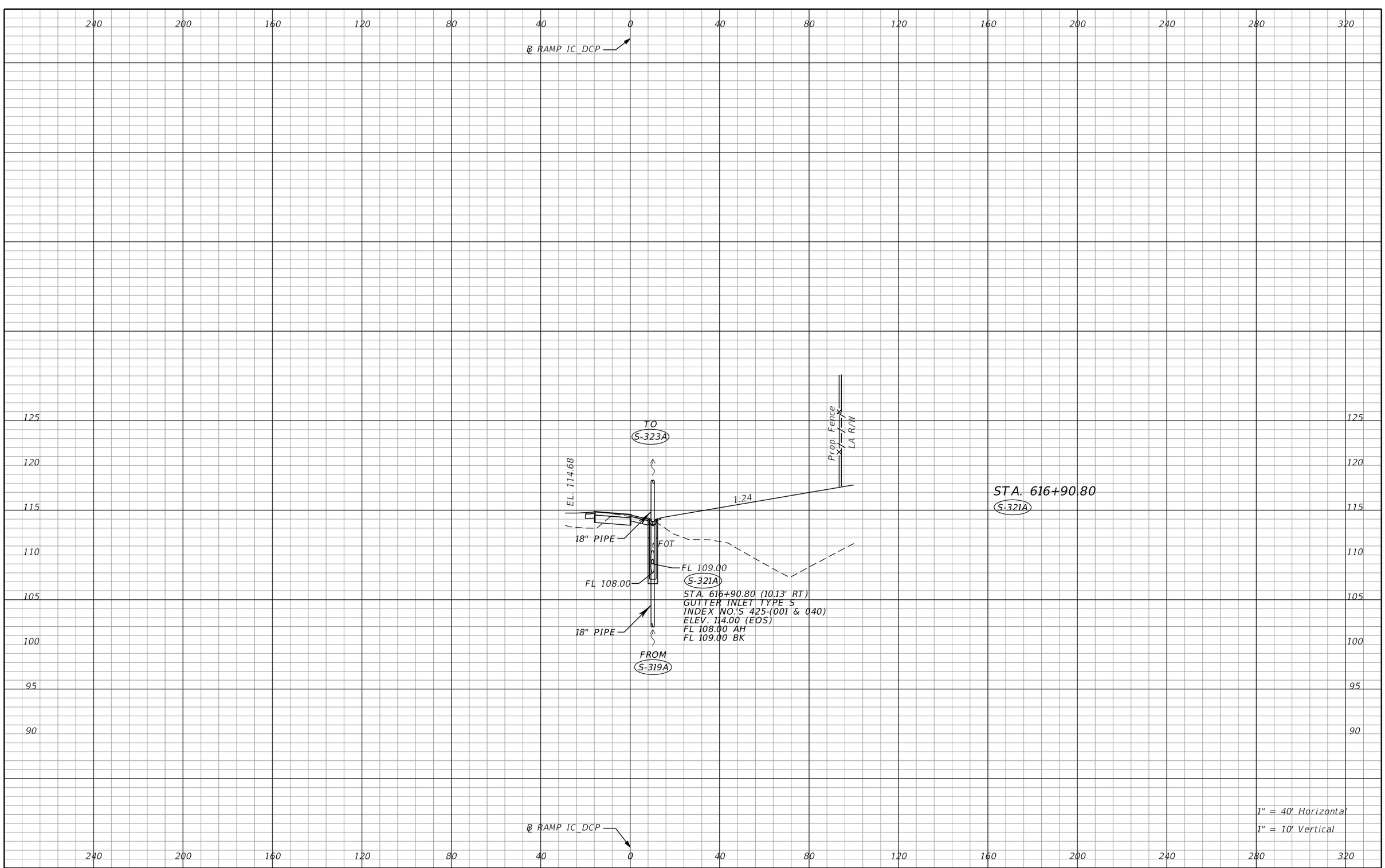
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 301



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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 302

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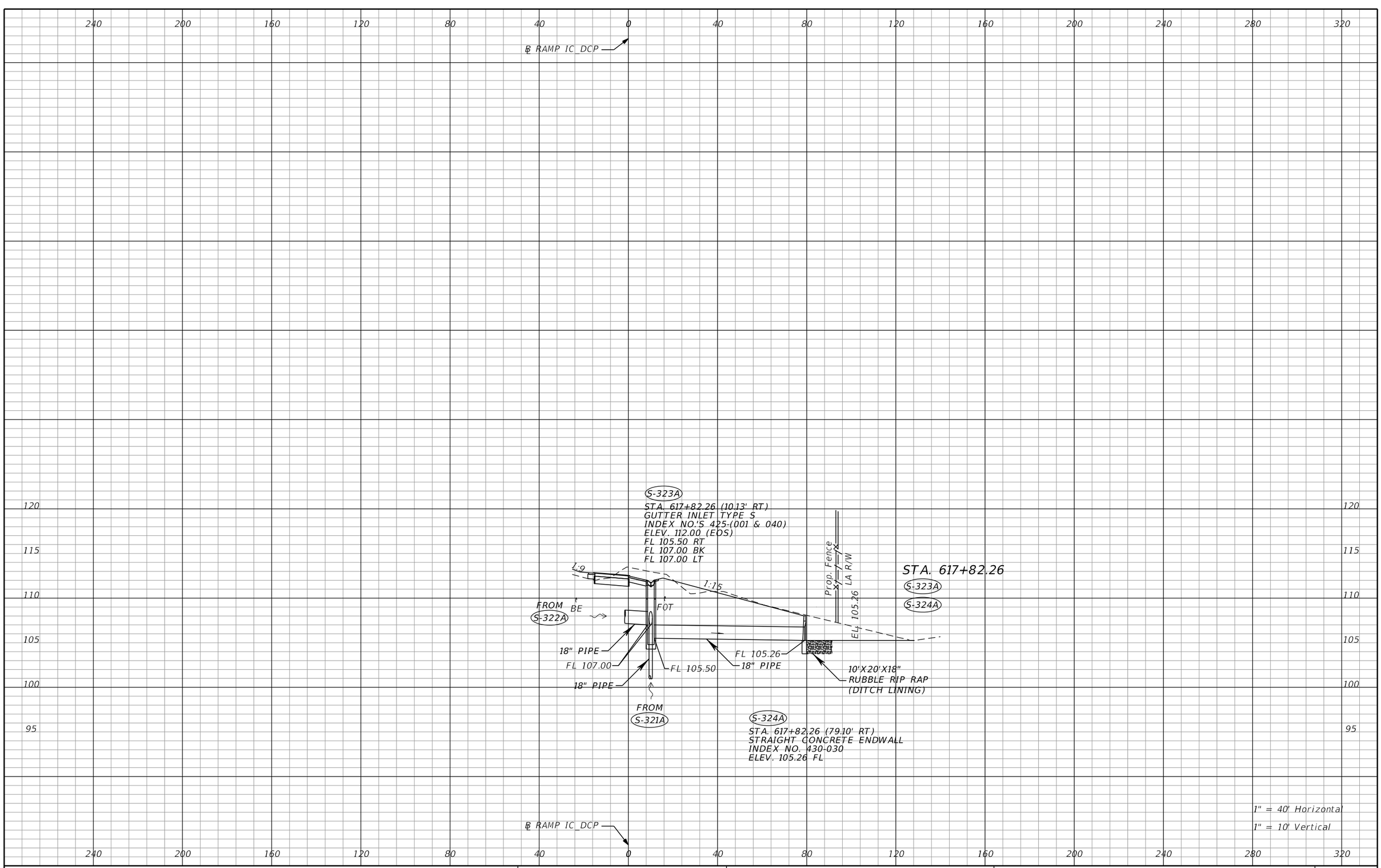

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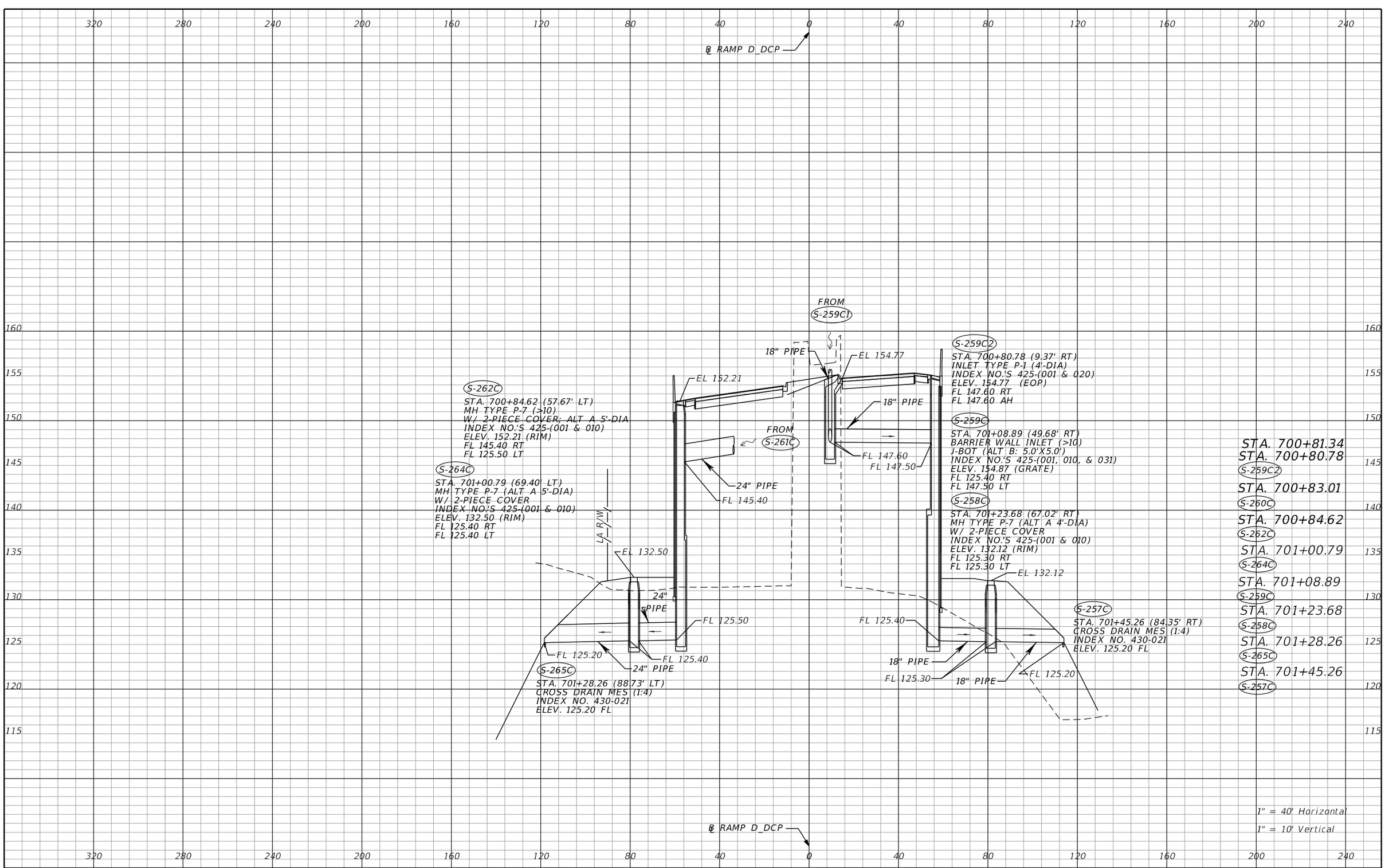
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 303



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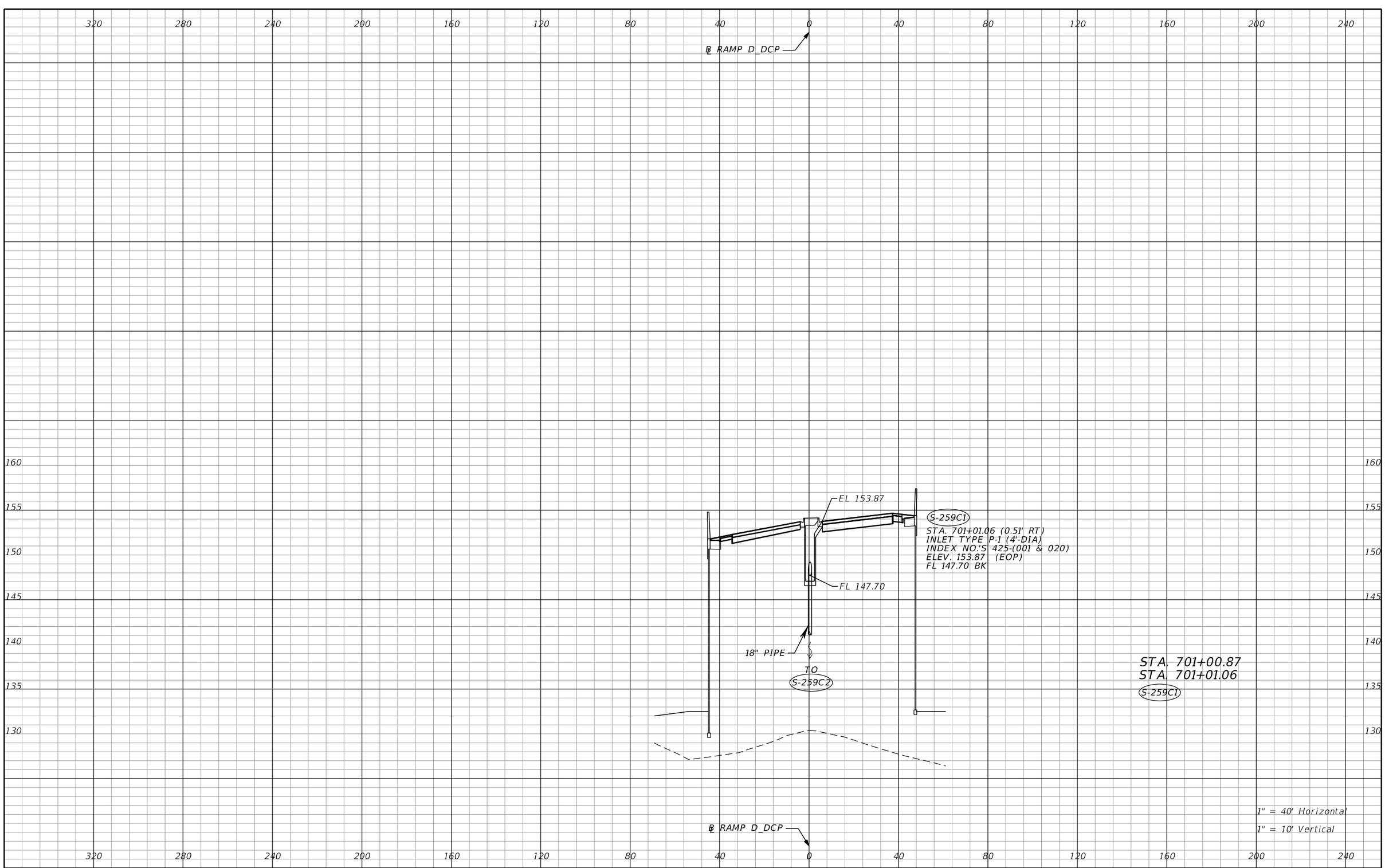
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 304



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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 305

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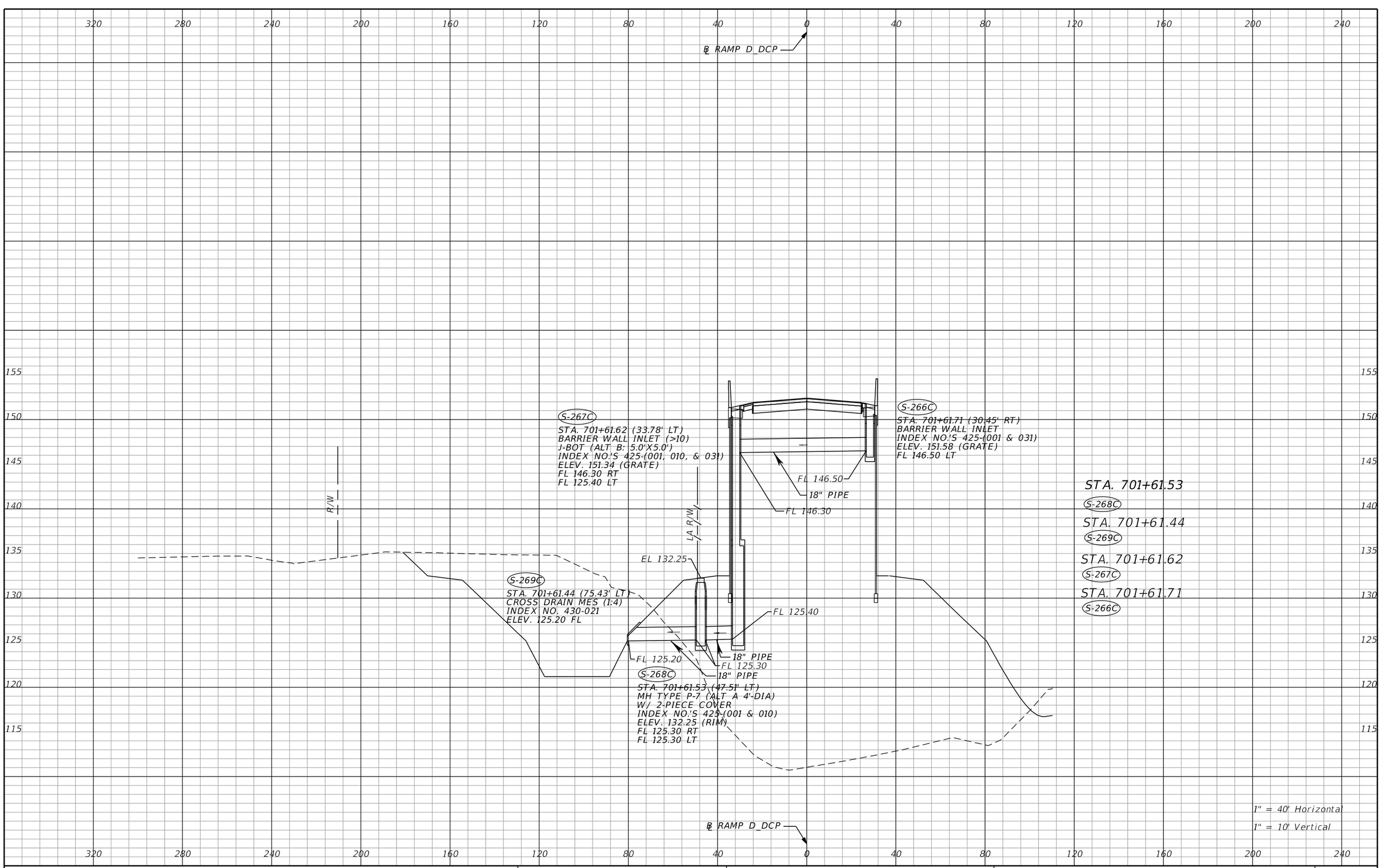

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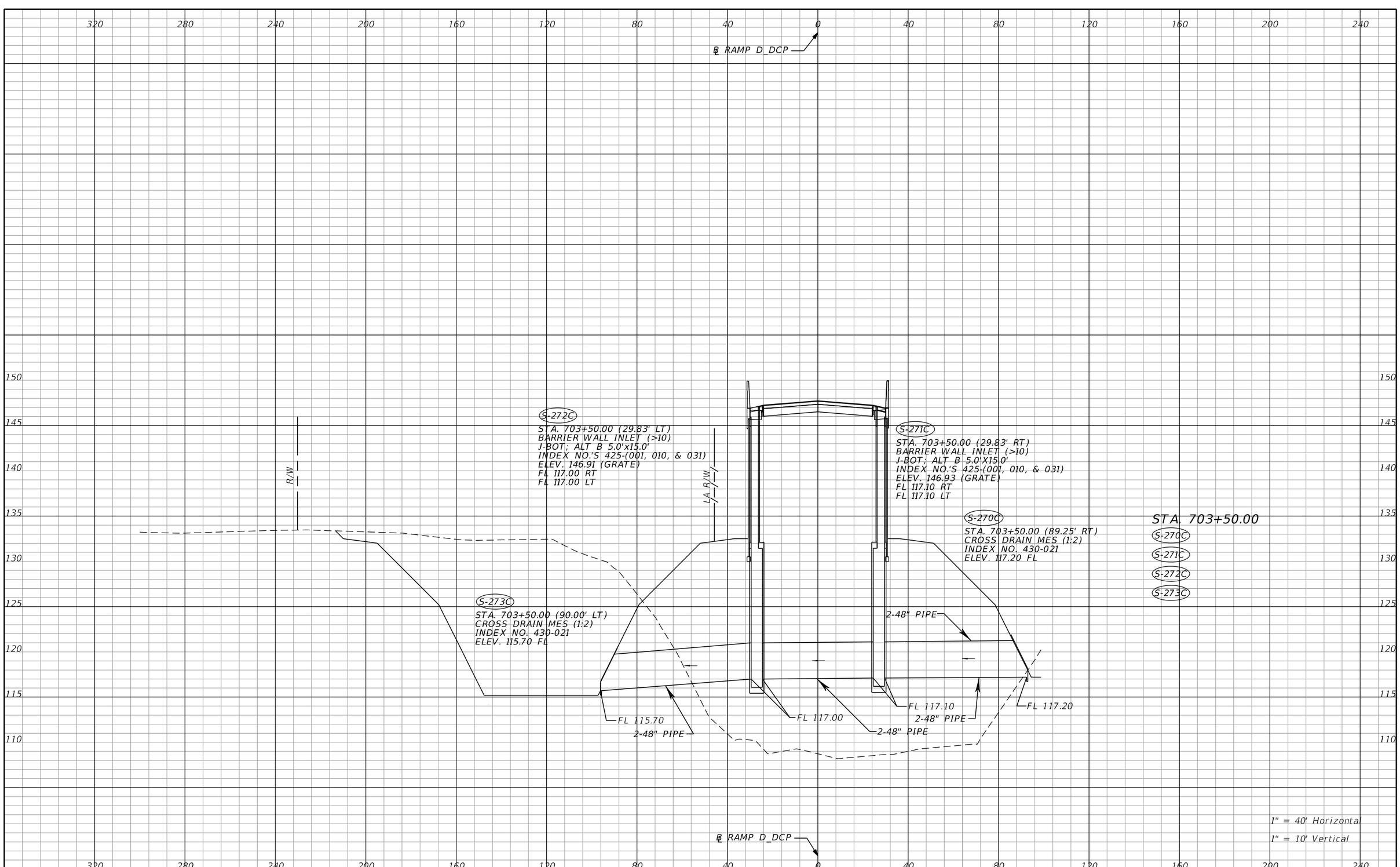
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 306



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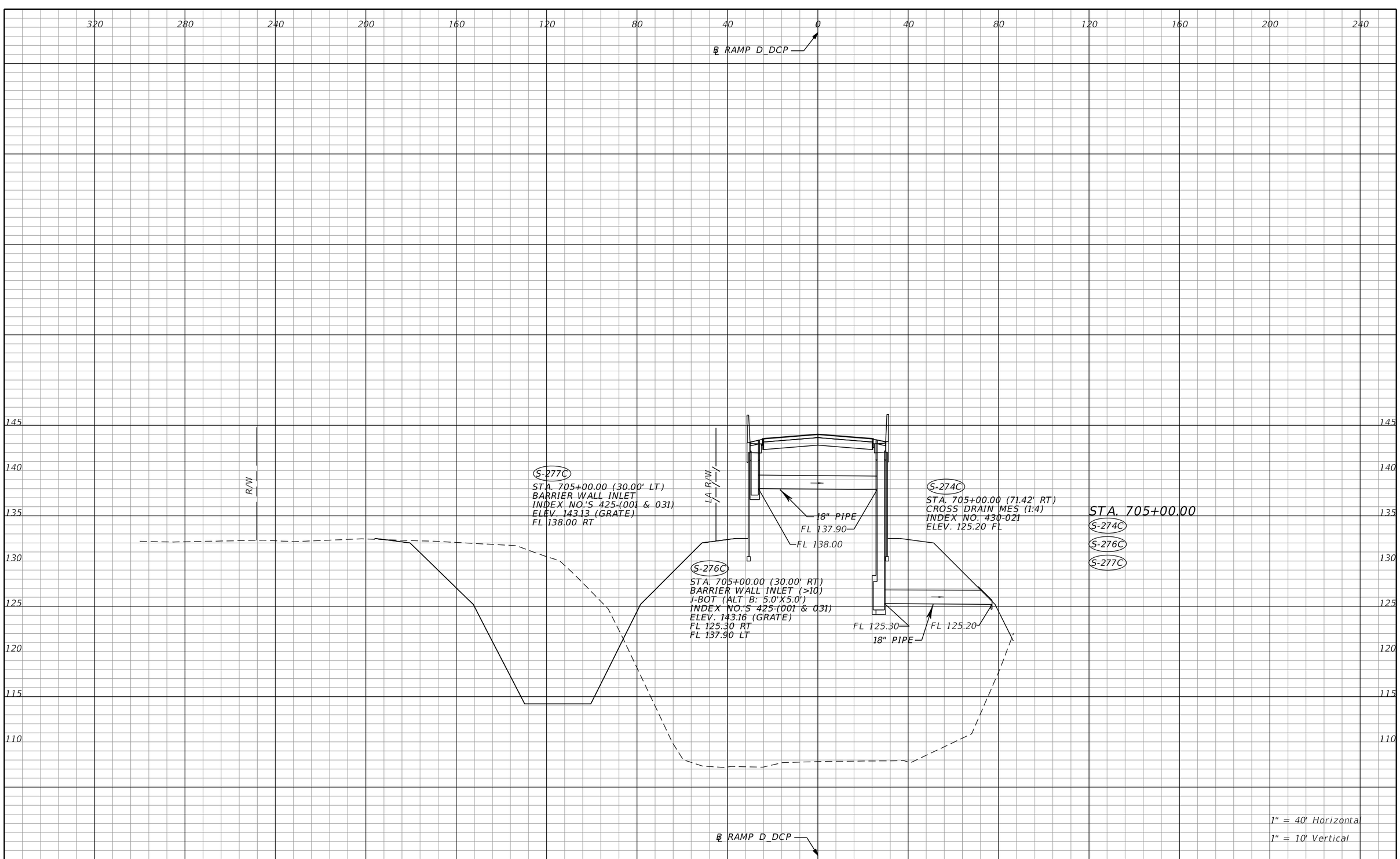
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 307

glen.dvorovy 5/6/2020 5:01:02 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\DRXSRD05_D_DCP.DGN



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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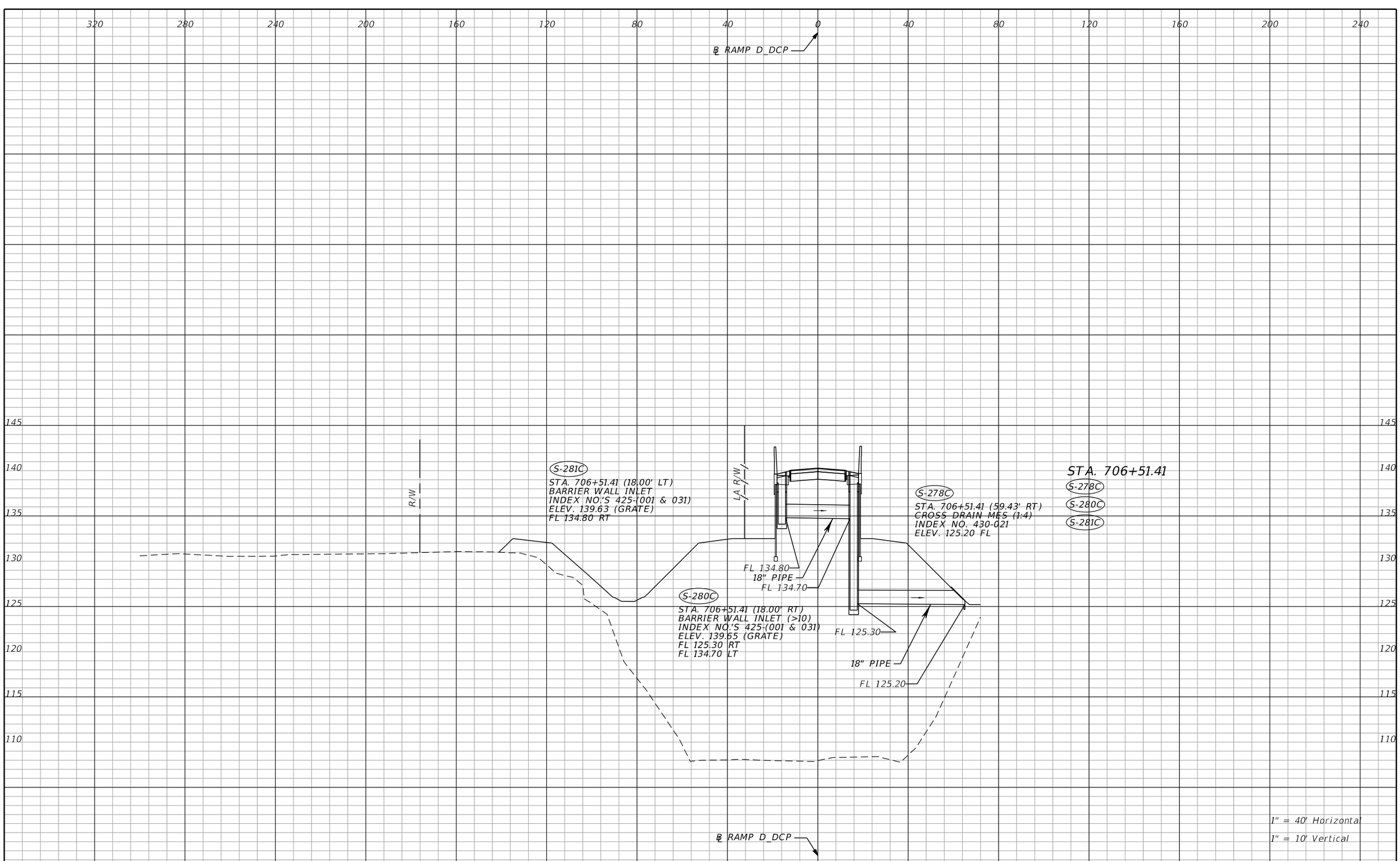
SHEET NO. 308



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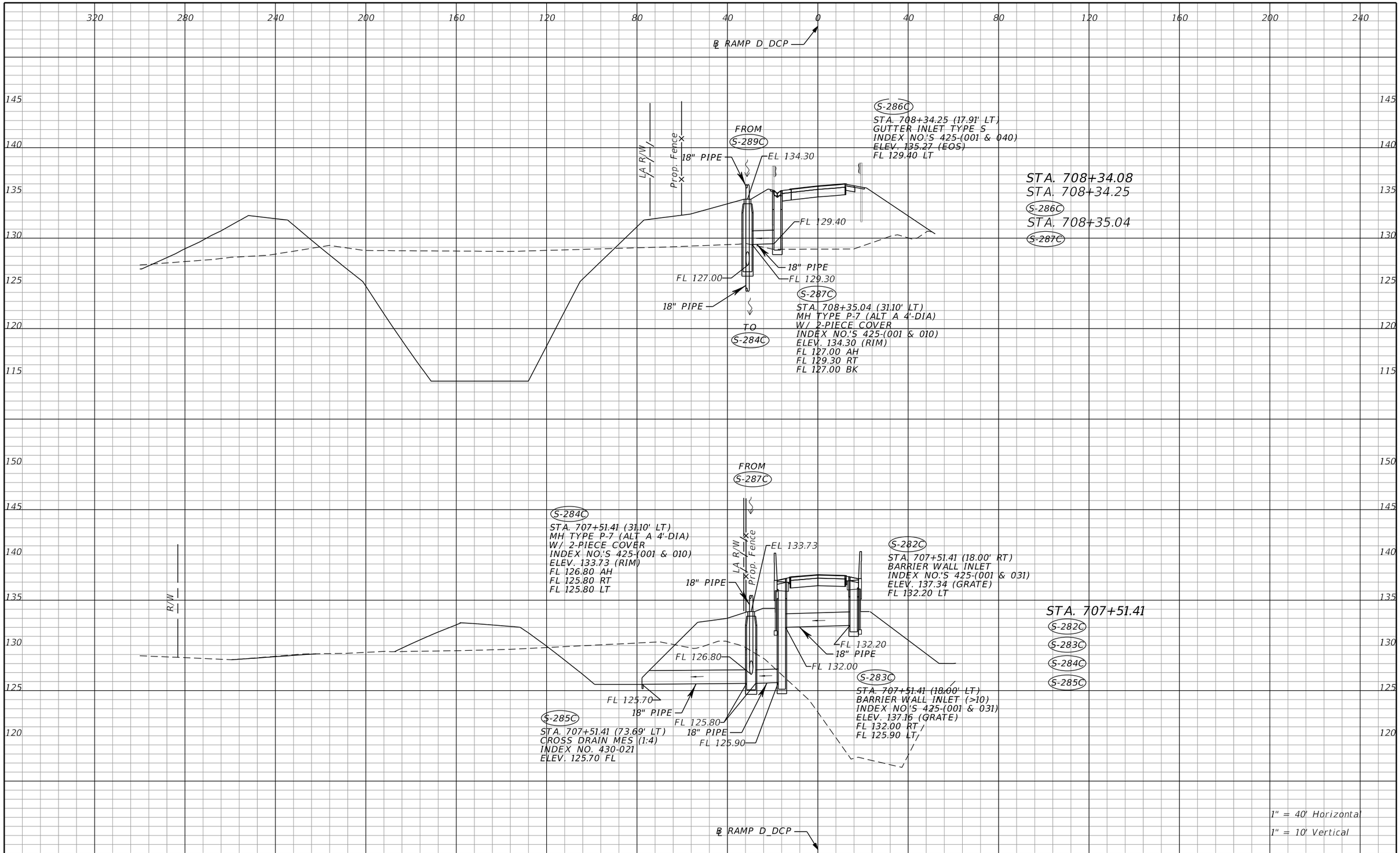
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 309



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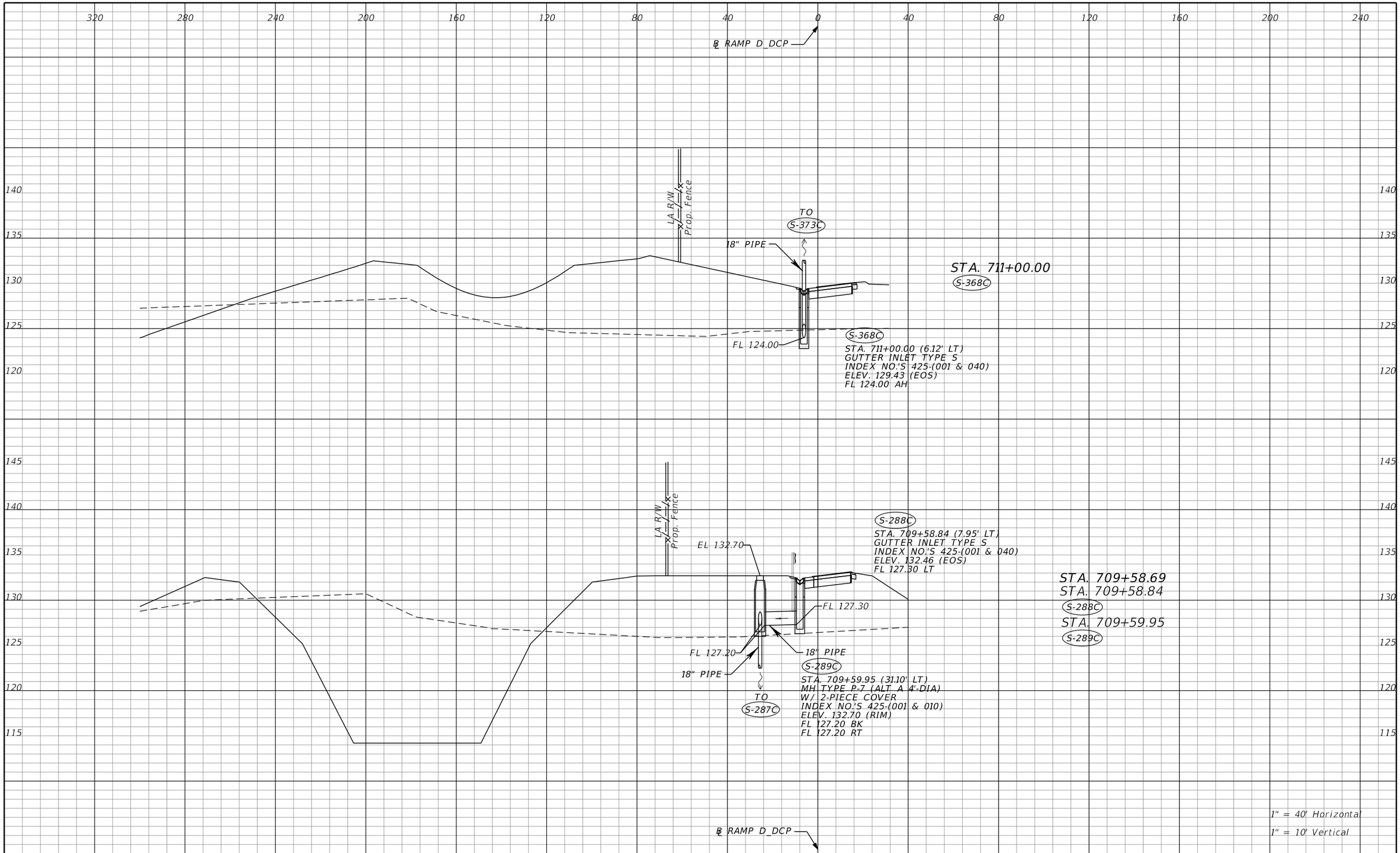
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 310



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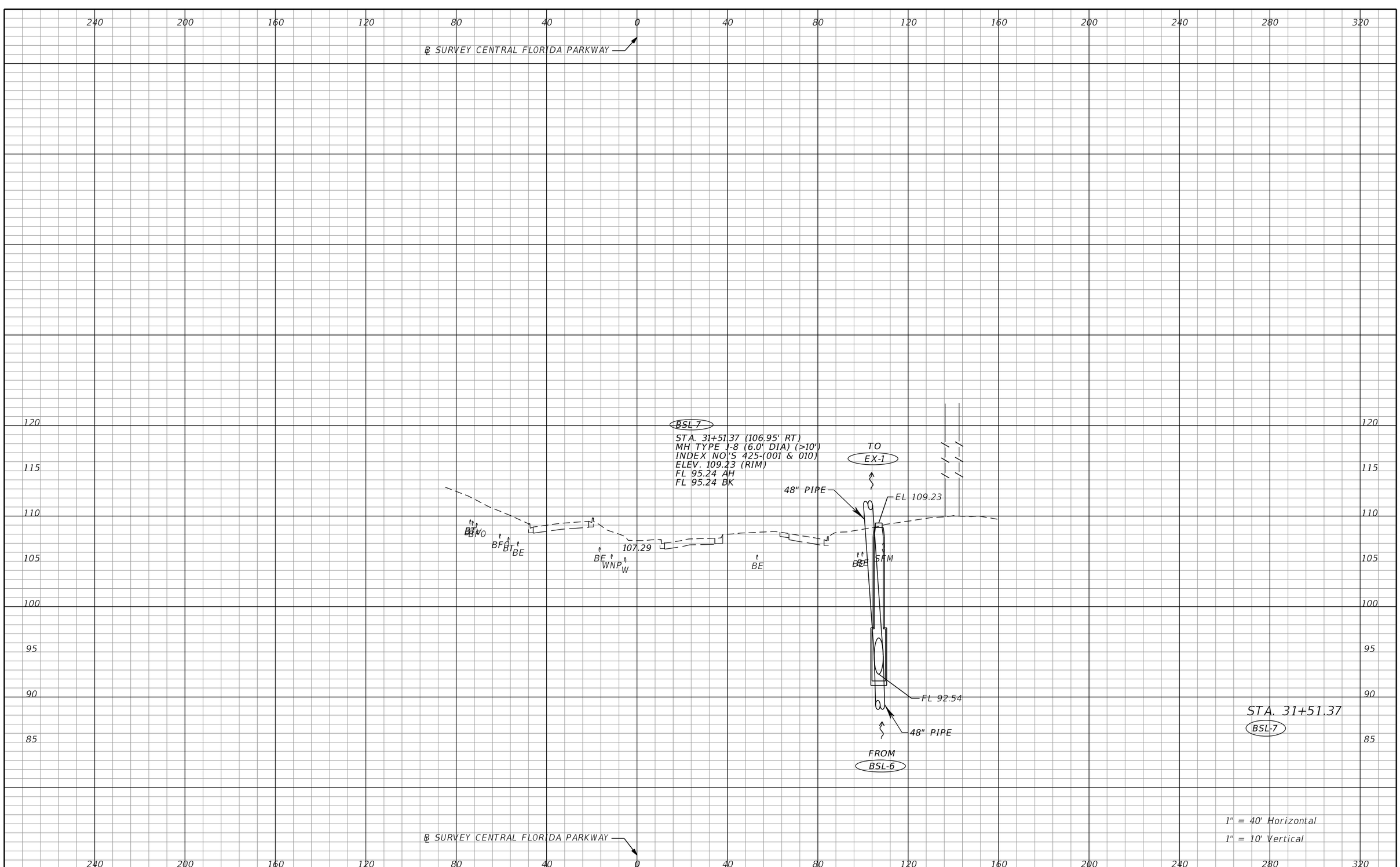
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 311



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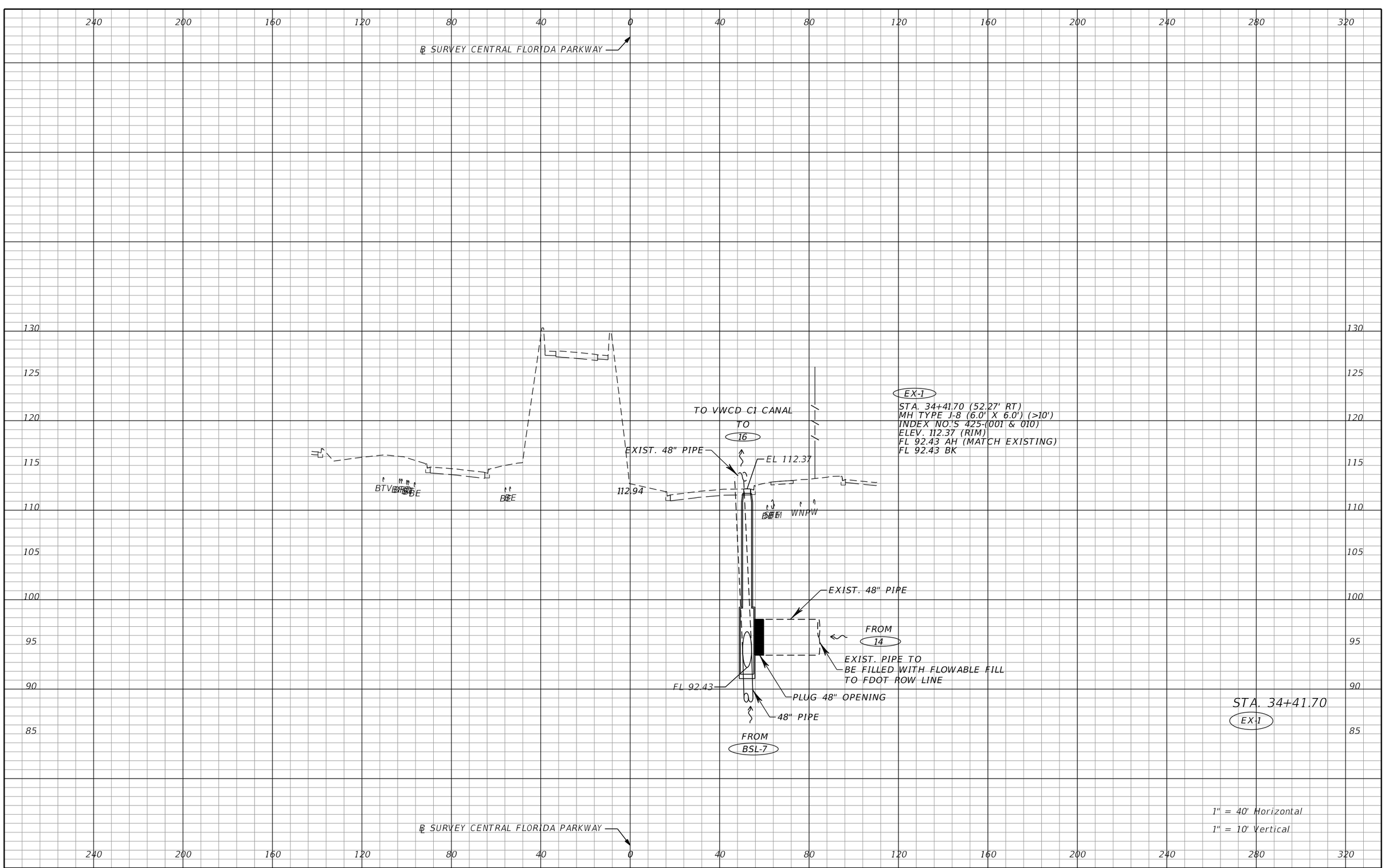
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 312

glen.dvorovy 5/6/2020 5:01:12 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\DRXSRD06_CFP.DGN



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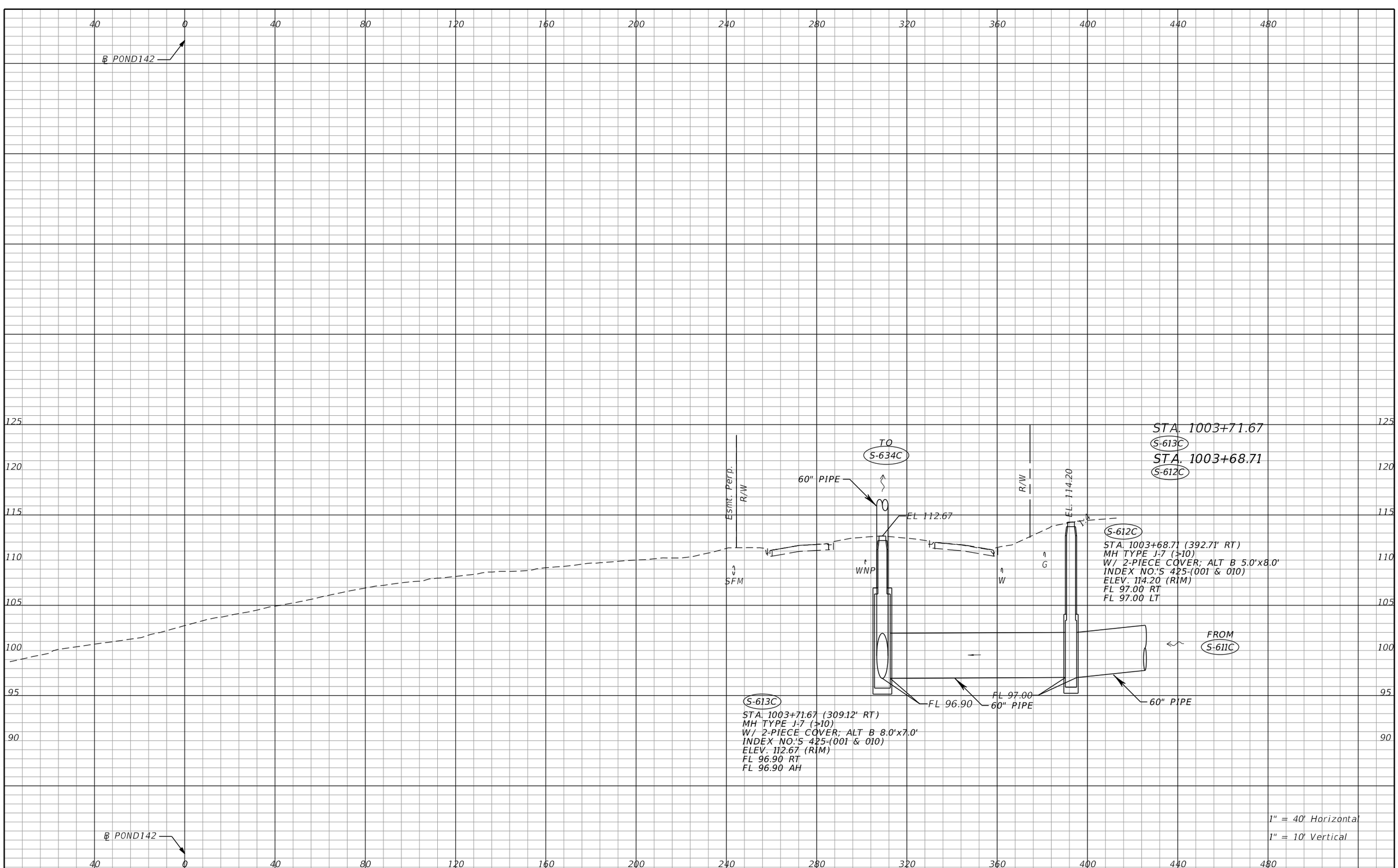
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 313



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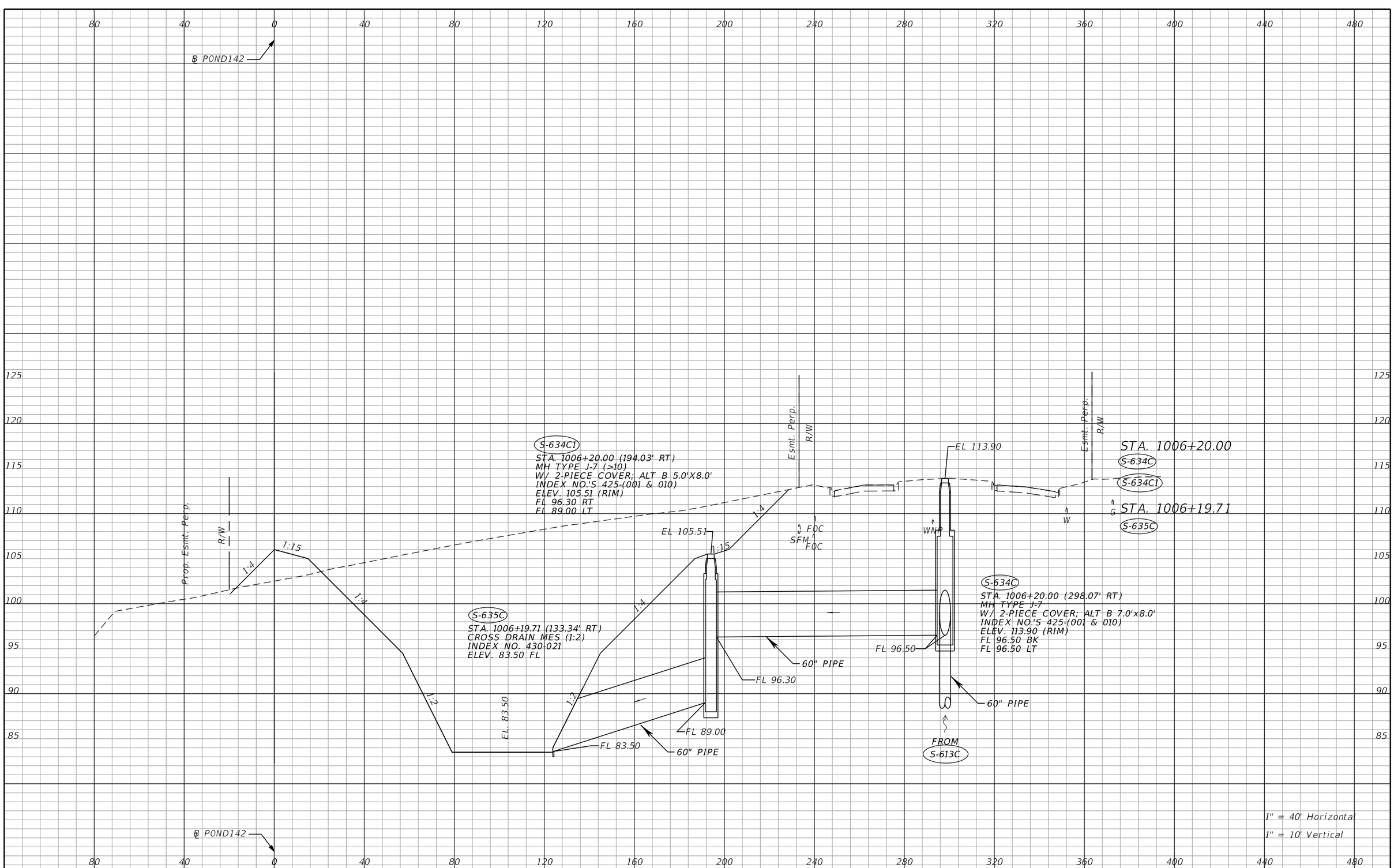
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 314

glen.dvorovy 5/6/2020 5:01:18 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\DRXSRD07_POND142.DGN



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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 315

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℄ POND142

TO BSL-1A

18" PIPE

Esmt. Perp.

R/W

EL 102.00

1:4

1:15

1:4

CS-142B1

STA. 1015+61.62 (22.16' RT)
MODIFIED DBI TYPE E (SEE CONTROL STRUCTURE DETAIL)
INDEX NO.'S 425-(001 & 052)
ELEV. 104.00 (GRATE)
FL 94.50 LT

EL 104.00

1:4

FL 93.40

FL 94.50

18" PIPE

FL 94.40

CS-142B2

STA. 1015+61.62 (26.19' LT)
MH TYPE P-7 (W/ 2-PIECE COVER; 4.0' DIA)
INDEX NO.'S 425-(001 & 010)
ELEV. 102.00 (RIM)
FL 93.40 AH
FL 94.40 RT

1:2

EL 83.50

1:2

1:4

1:15

1:4

R/W

FOC

SFM

WNP

R/W

W

R/W

FOC

G

STA. 1015+60.48
STA. 1015+61.62

CS-142B1

CS-142B2

1" = 40' Horizontal
1" = 10' Vertical

℄ POND142

80 40 0 40 80 120 160 200 240 280 320 360 400 440 480

120 115 110 105 100 95 90 85

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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 316

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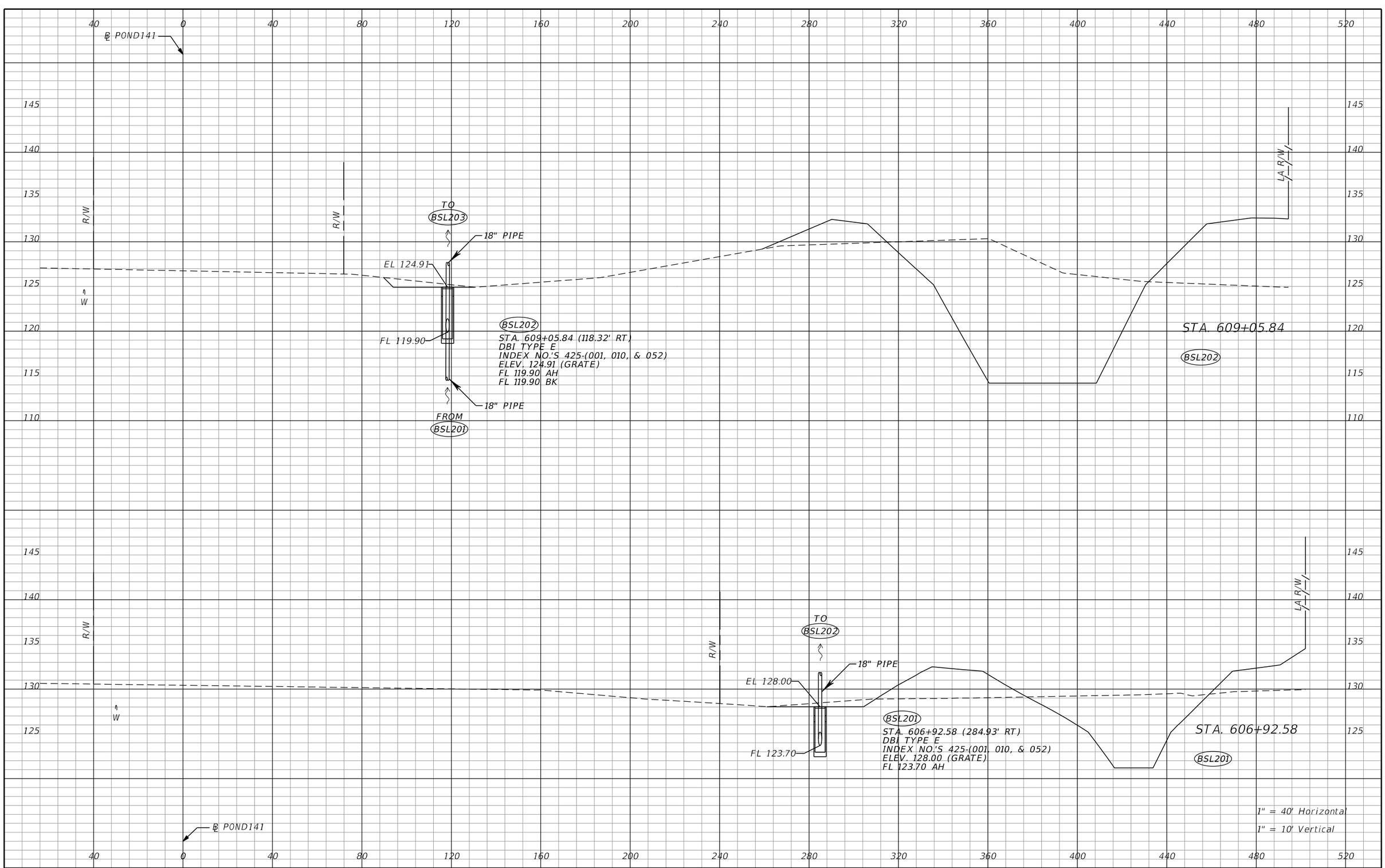

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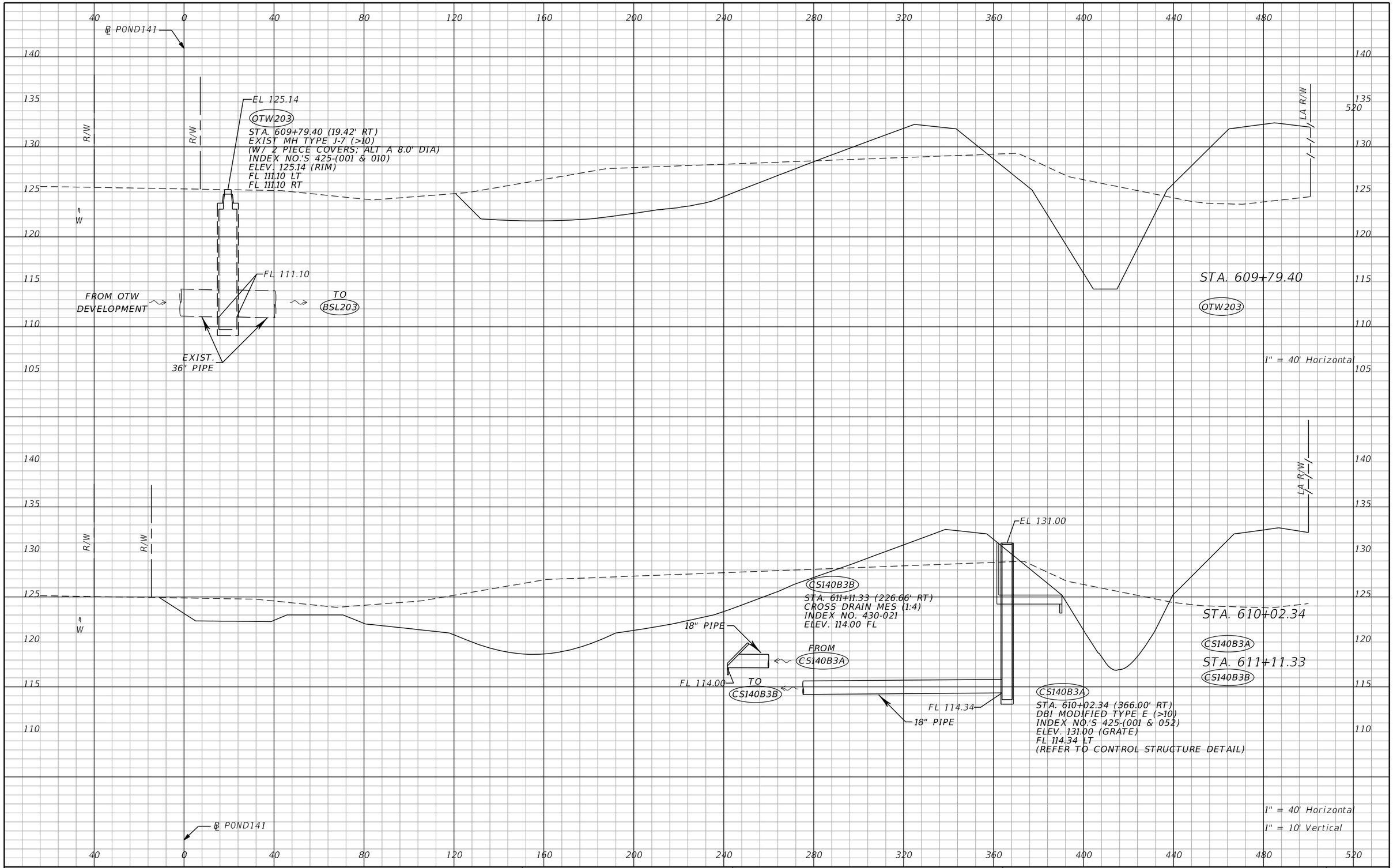
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 317

glen.dvorovy 5/6/2020 5:01:26 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\DRXSRD10_PALM_PARKWAY_PONDS.DGN



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

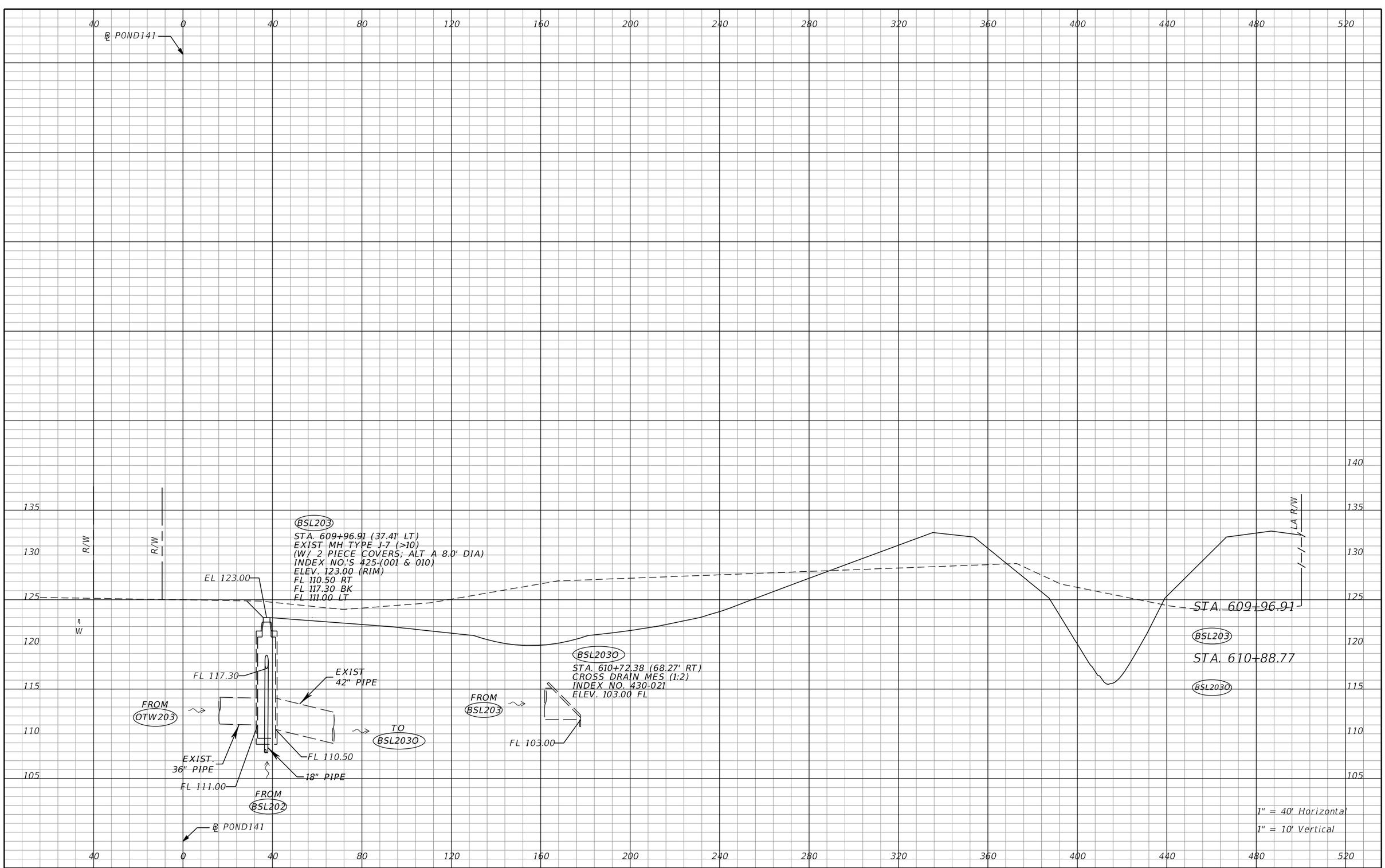
Tuy Duong, P.E.
P.E. License No. 66461
AECOM TECHNICAL SERVICES, Inc.
150 N. Orange Avenue, Suite 200
Orlando, FL. 32801
T 407.843.6552 F 407.839.1789
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 318



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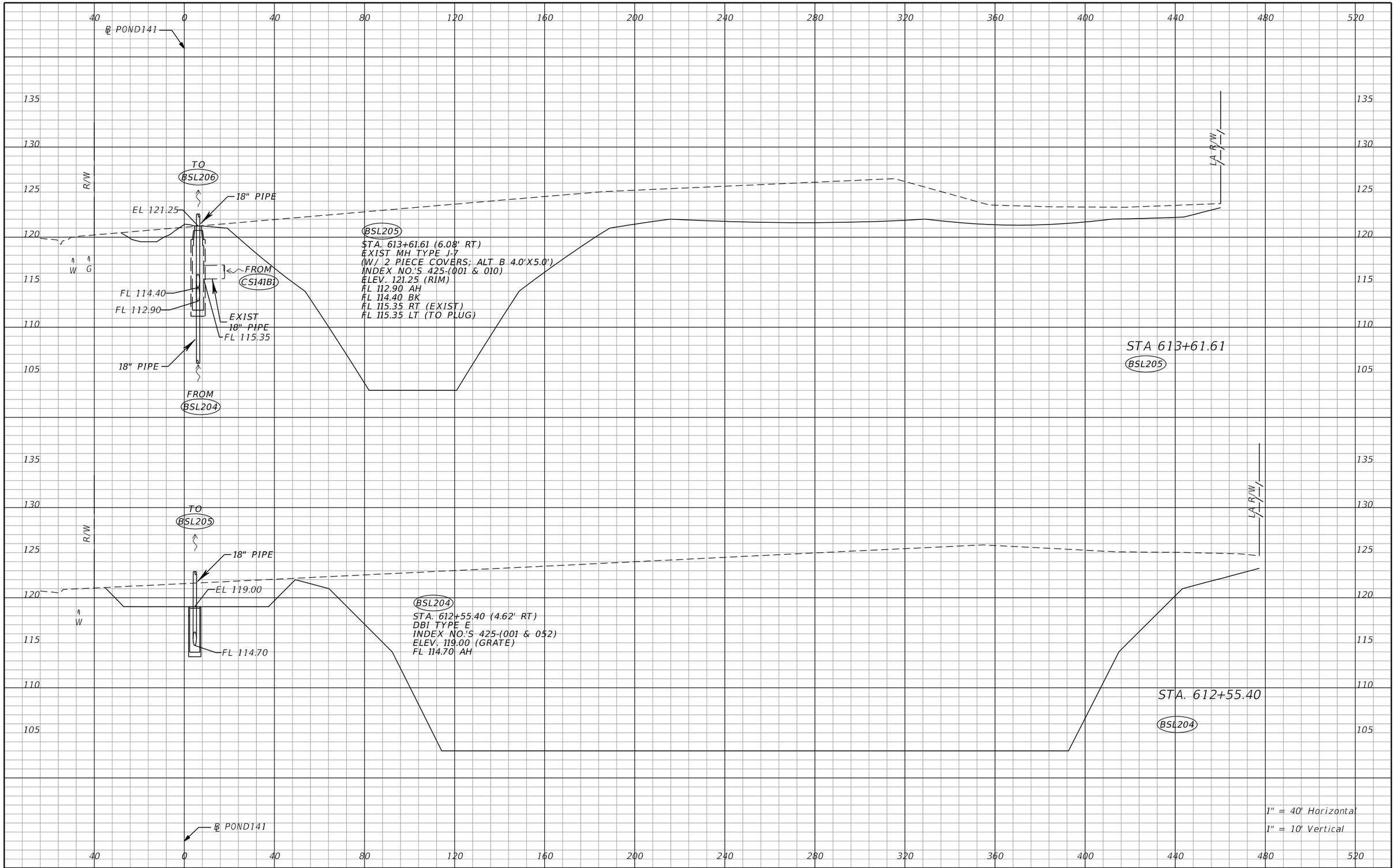
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO.
319

glen.dvorovy 5/6/2020 5:01:26 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\DRXSRD10_PALM_PARKWAY_PONDS.DGN



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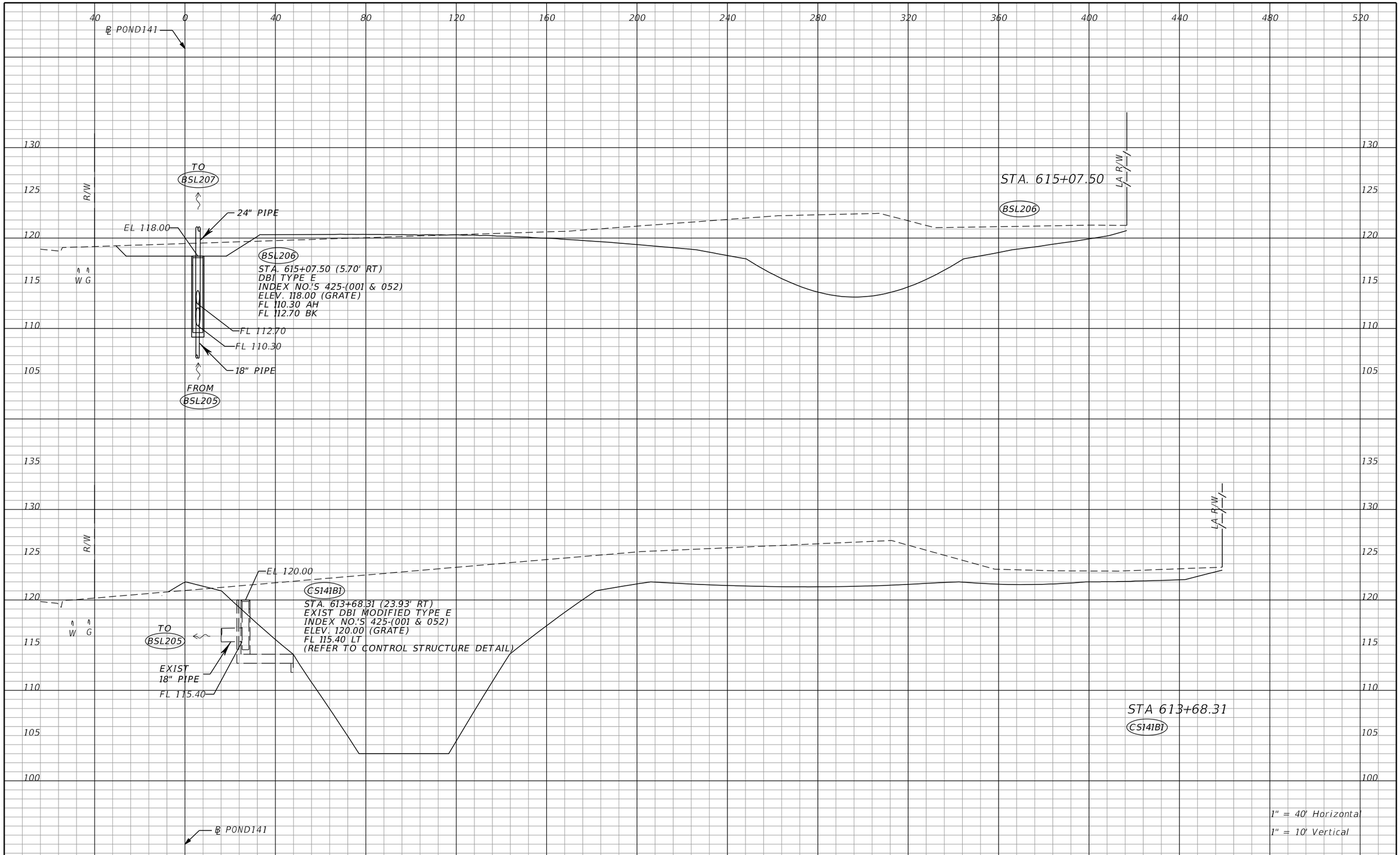
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 320



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DEPARTMENT OF TRANSPORTATION

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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 321

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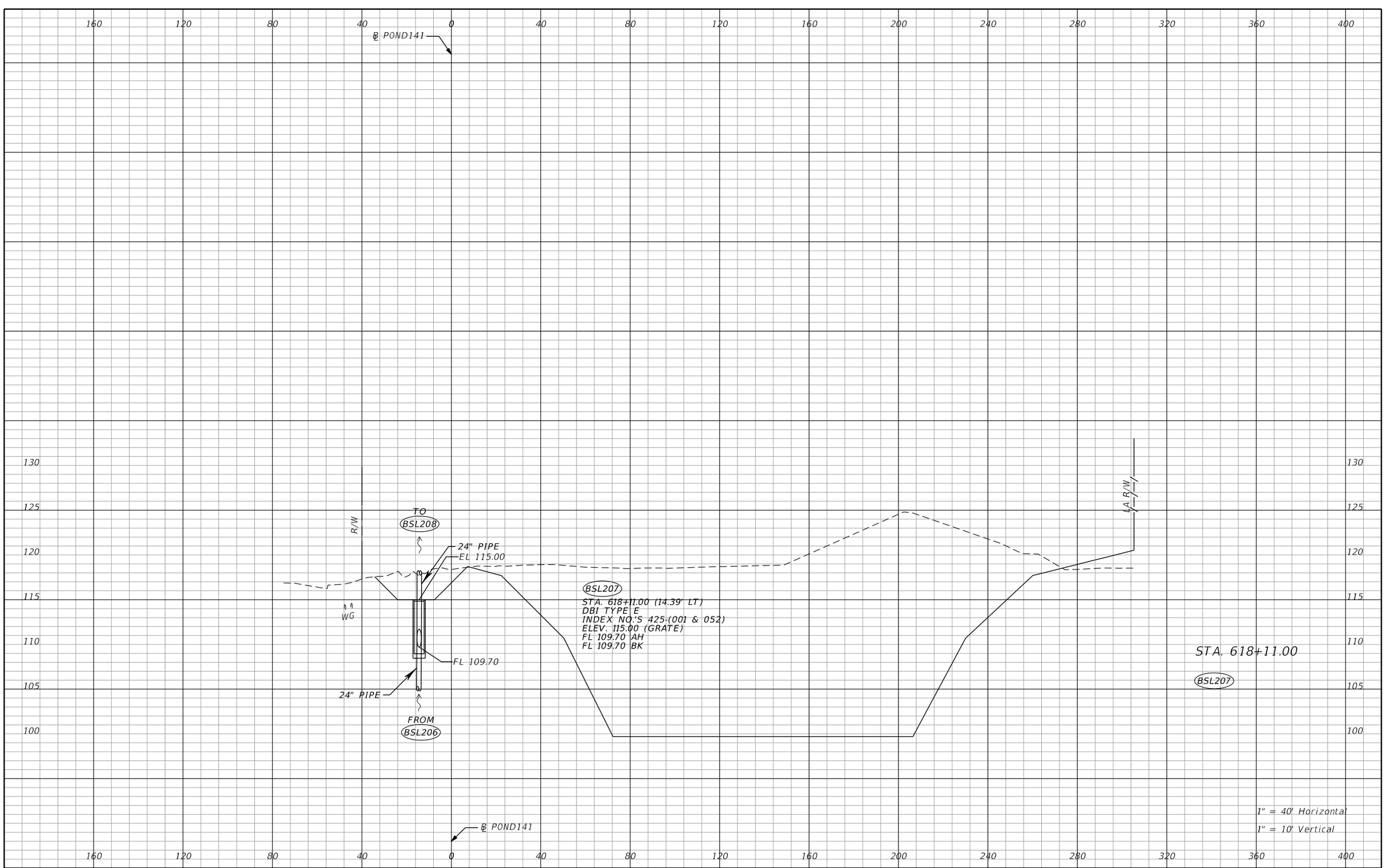

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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 322

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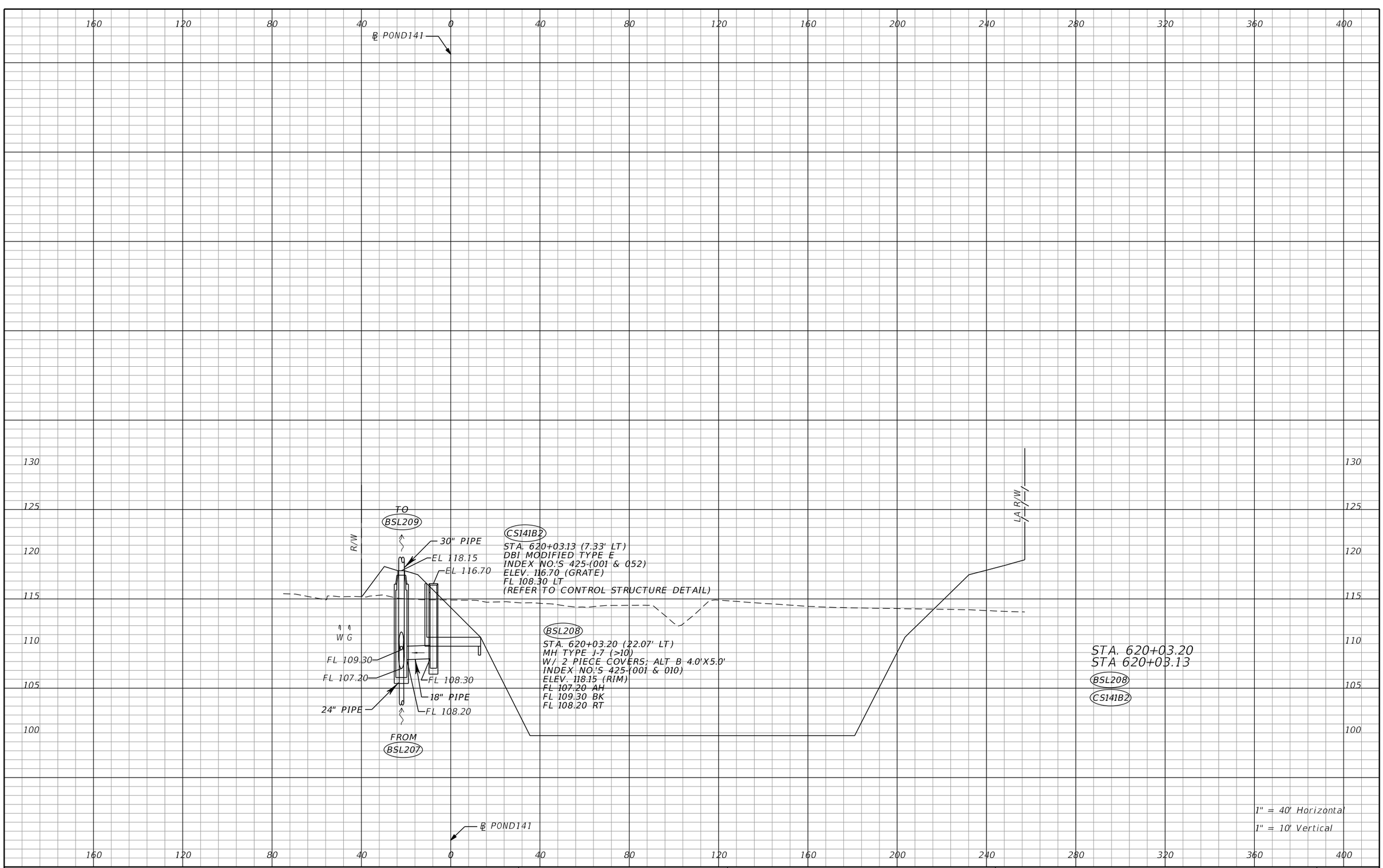

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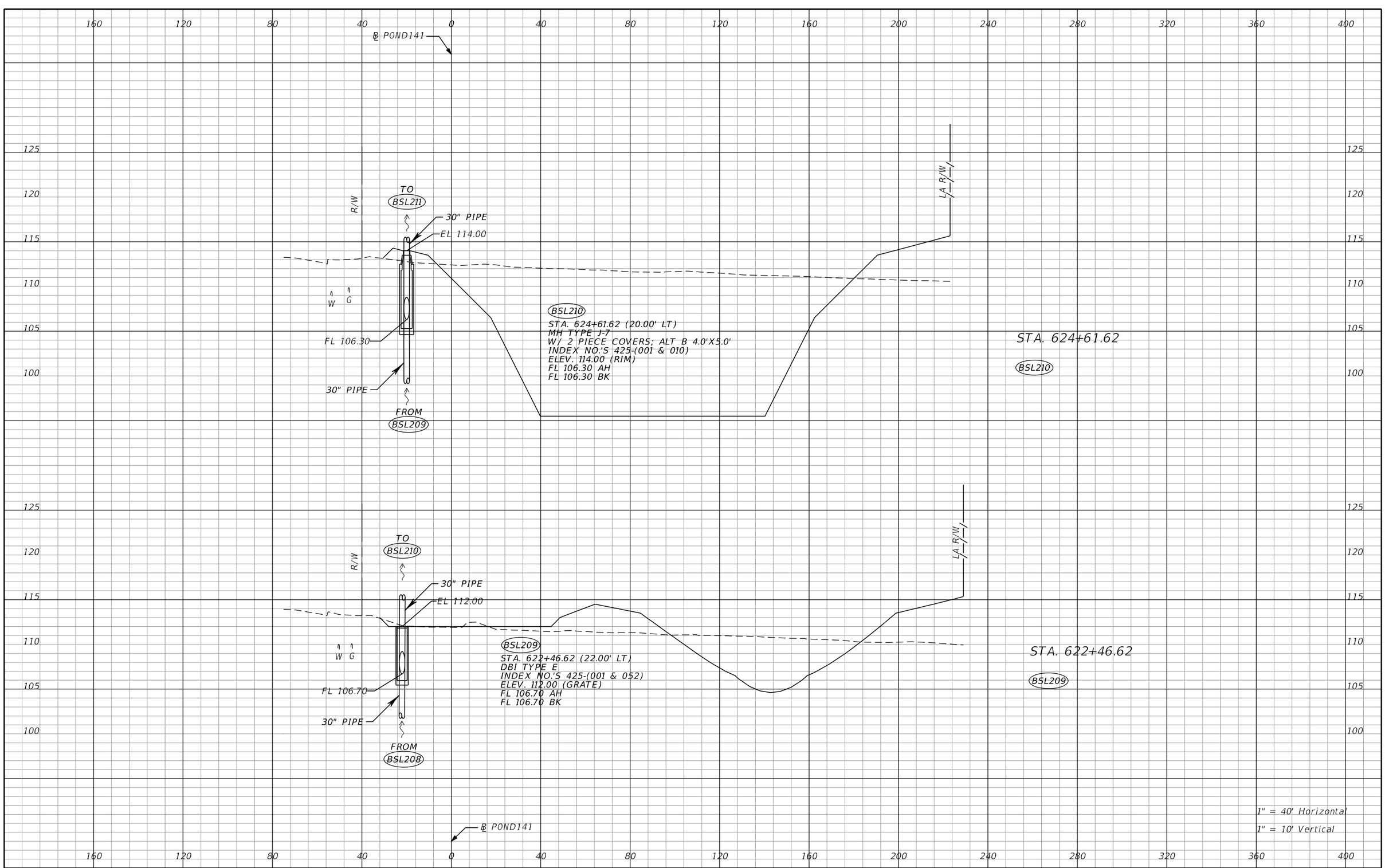
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 323



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 324

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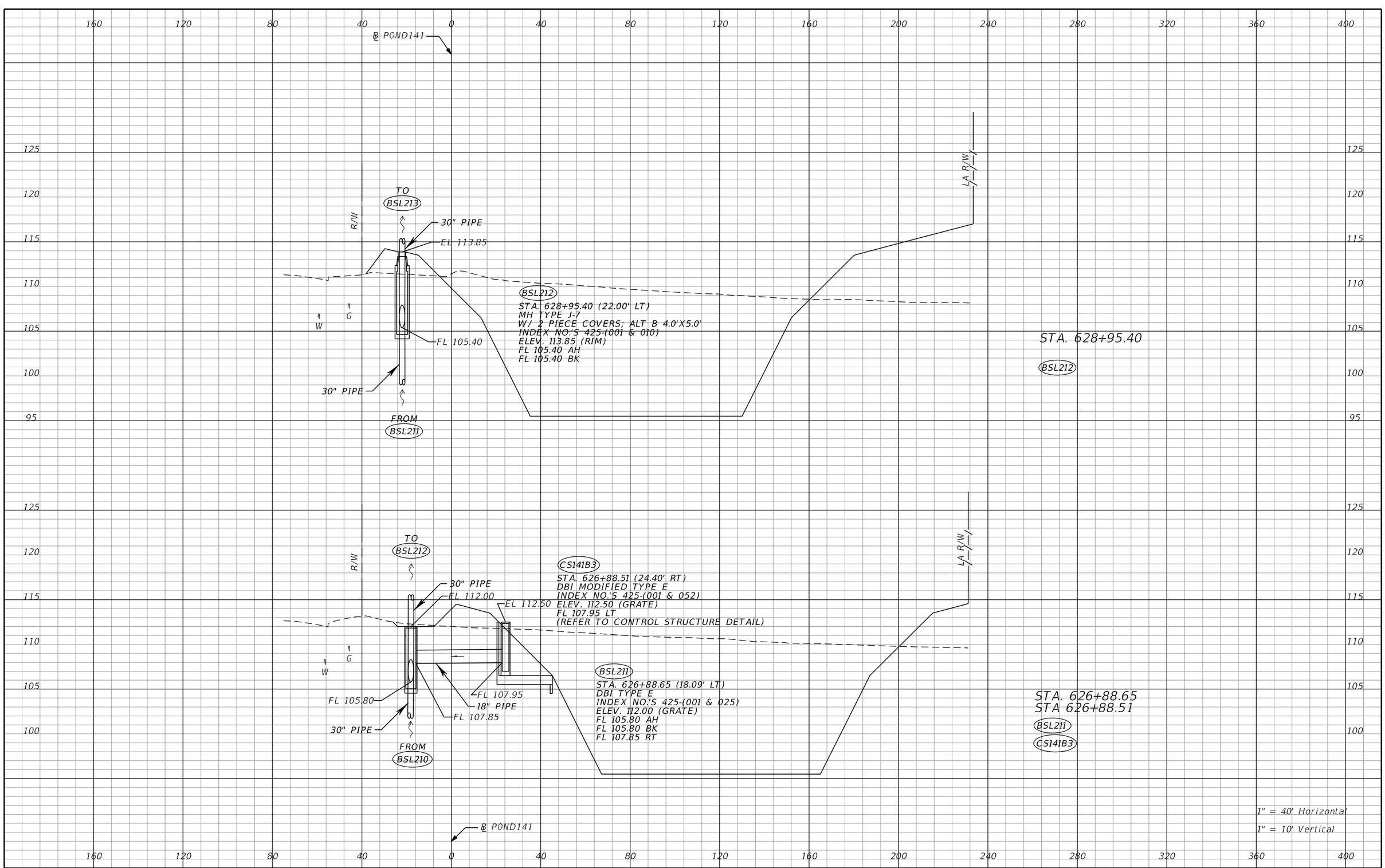

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DRAINAGE STRUCTURE SECTIONS

SHEET NO. 325

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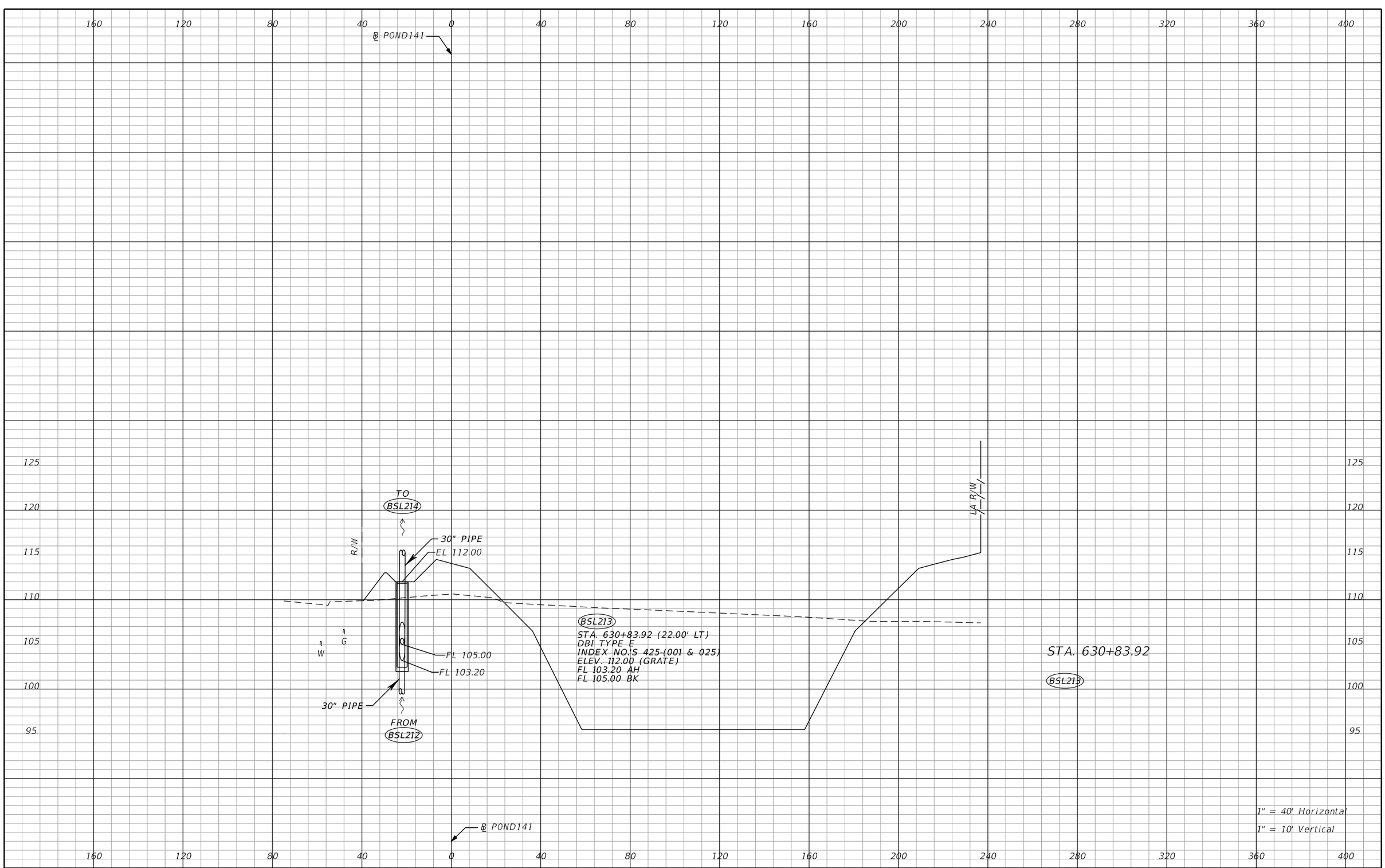

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DRAINAGE STRUCTURE SECTIONS

SHEET NO. 326

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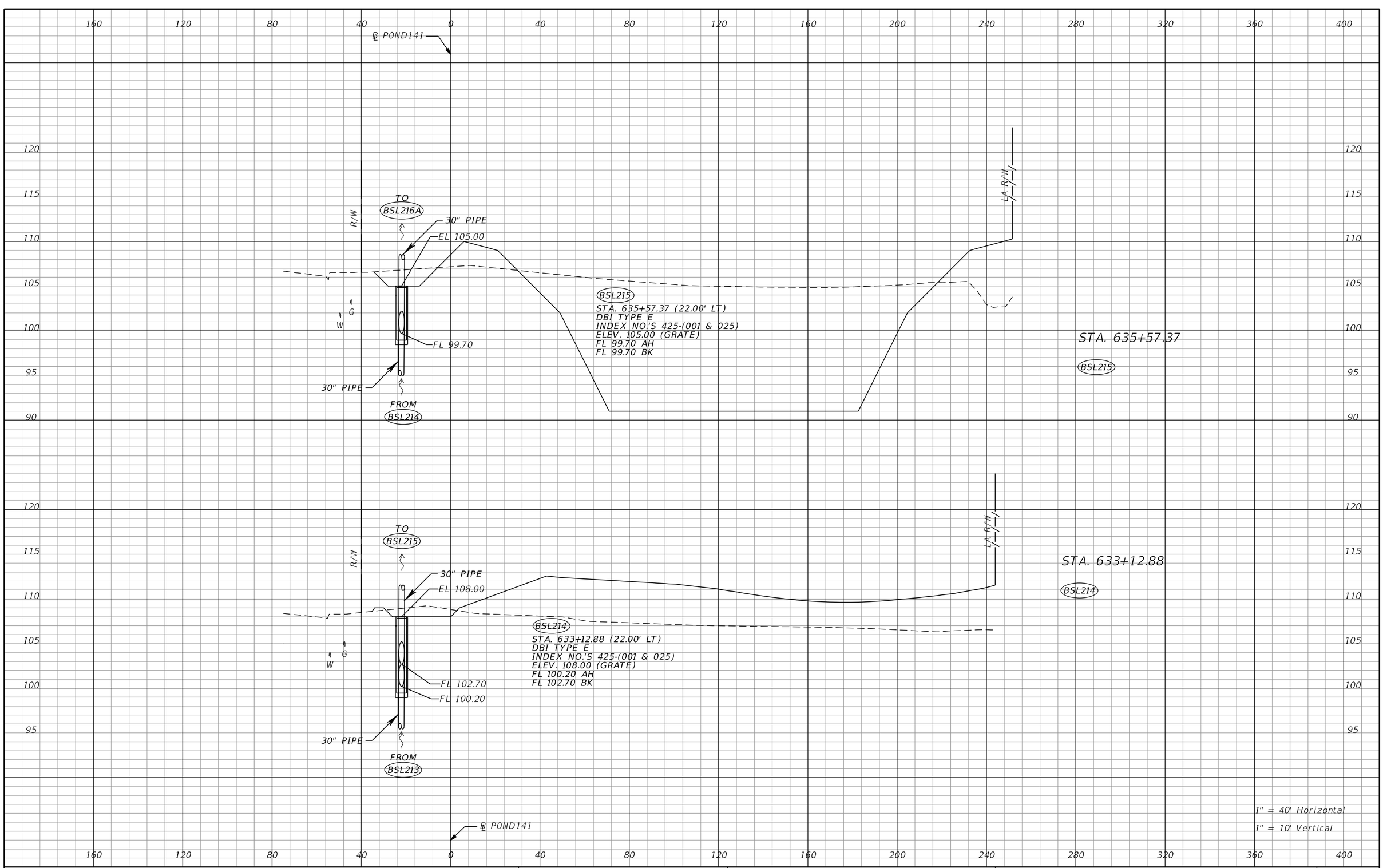

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DRAINAGE STRUCTURE SECTIONS

SHEET NO. 327

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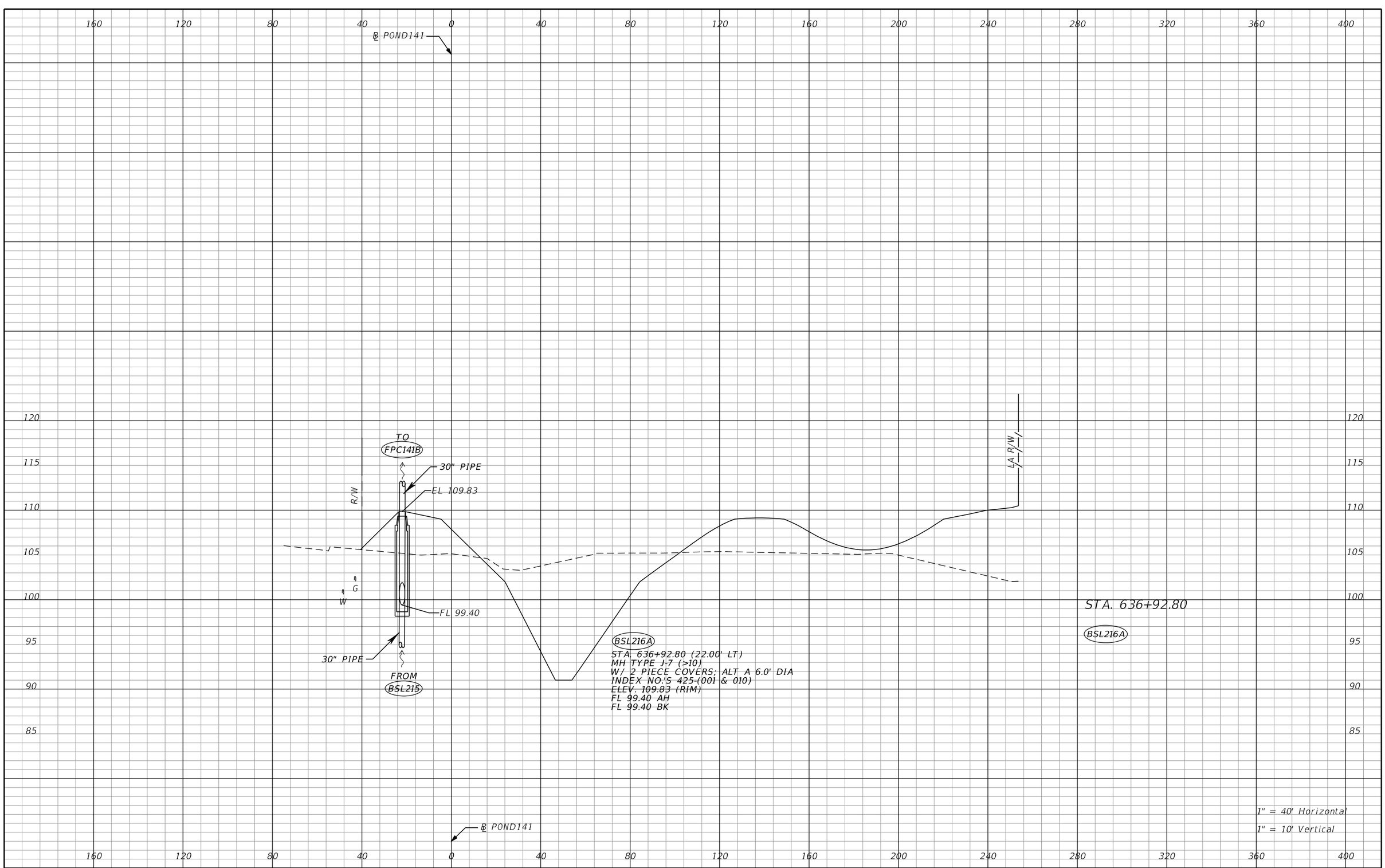

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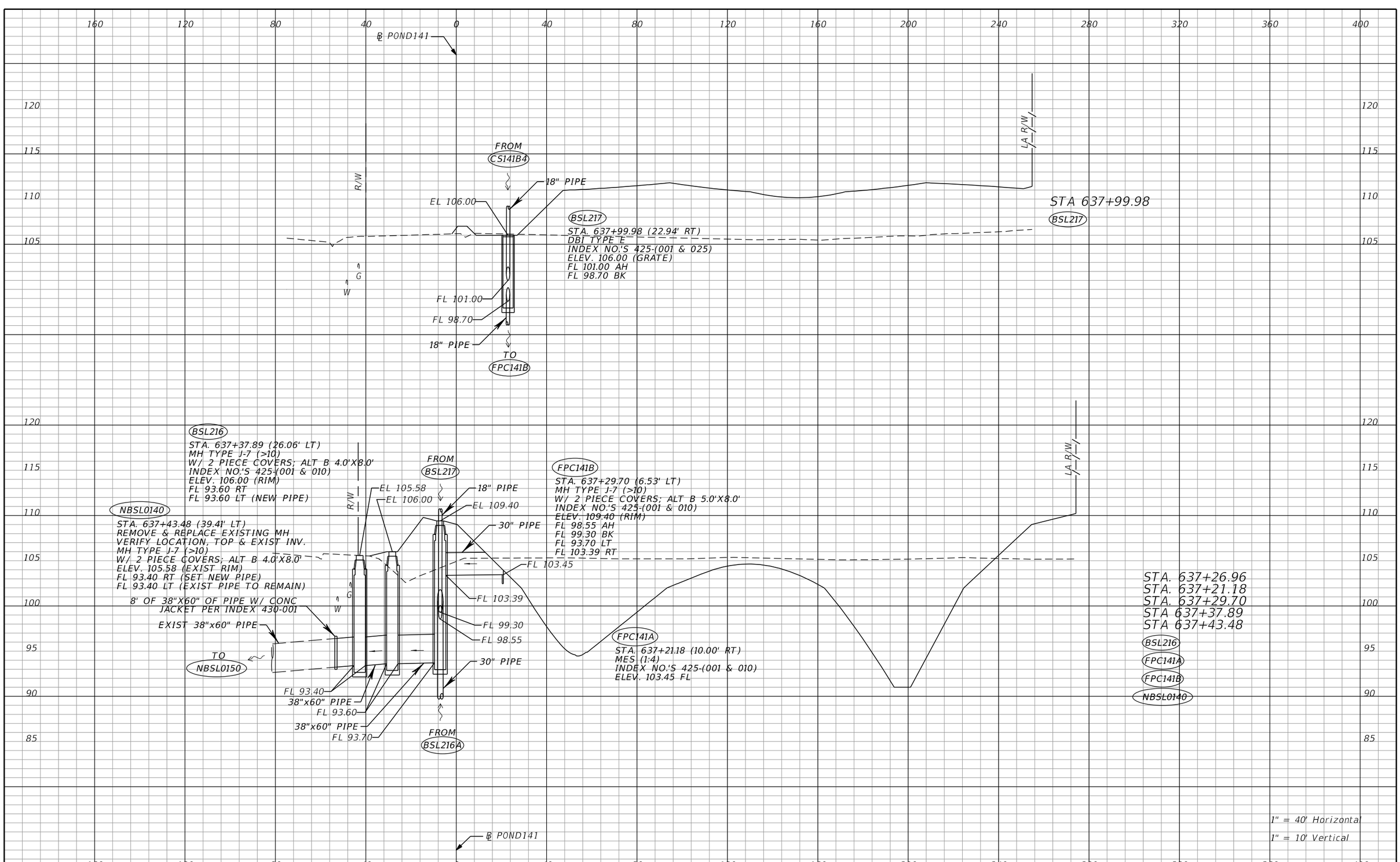
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 328



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SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 329

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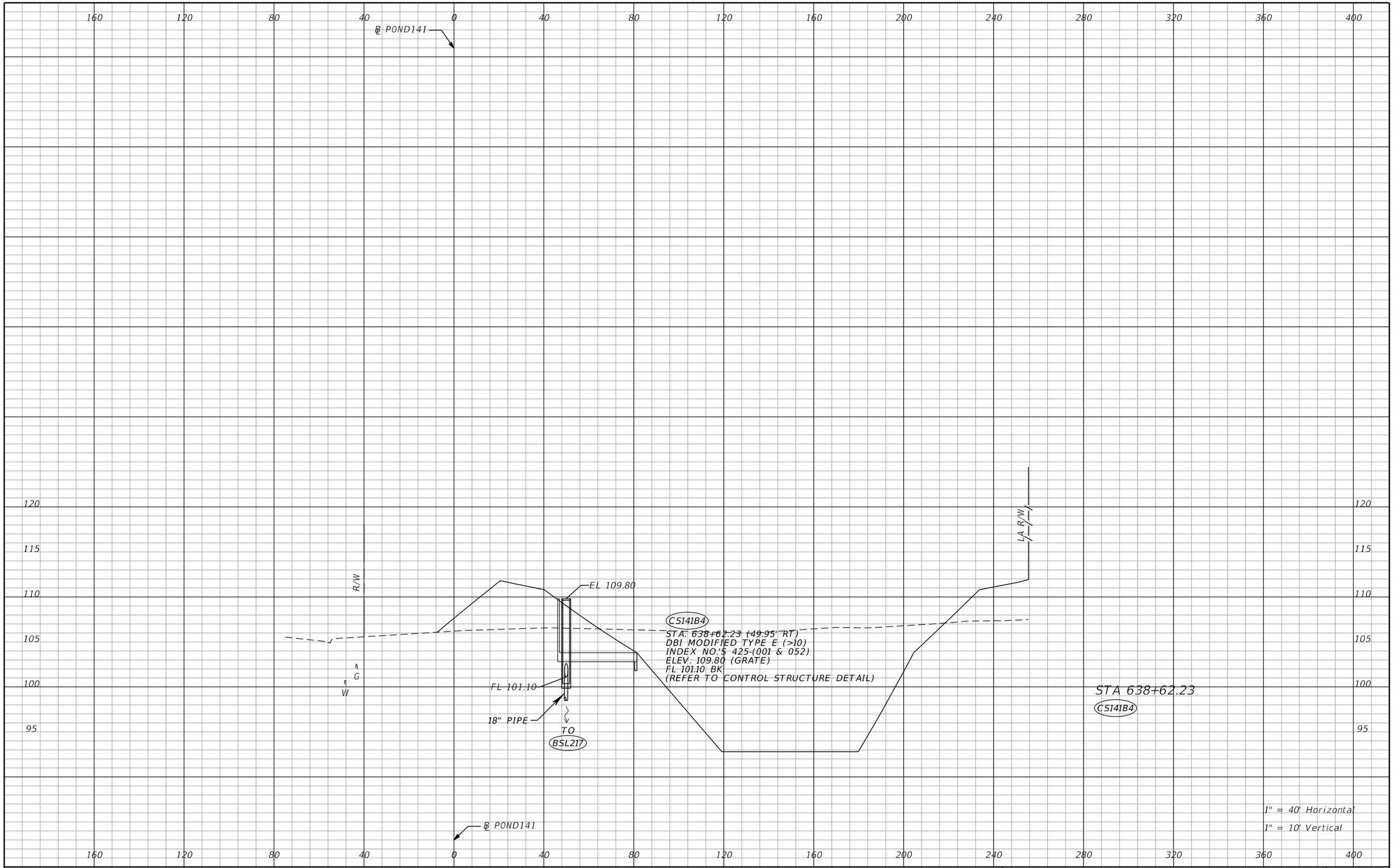

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 330

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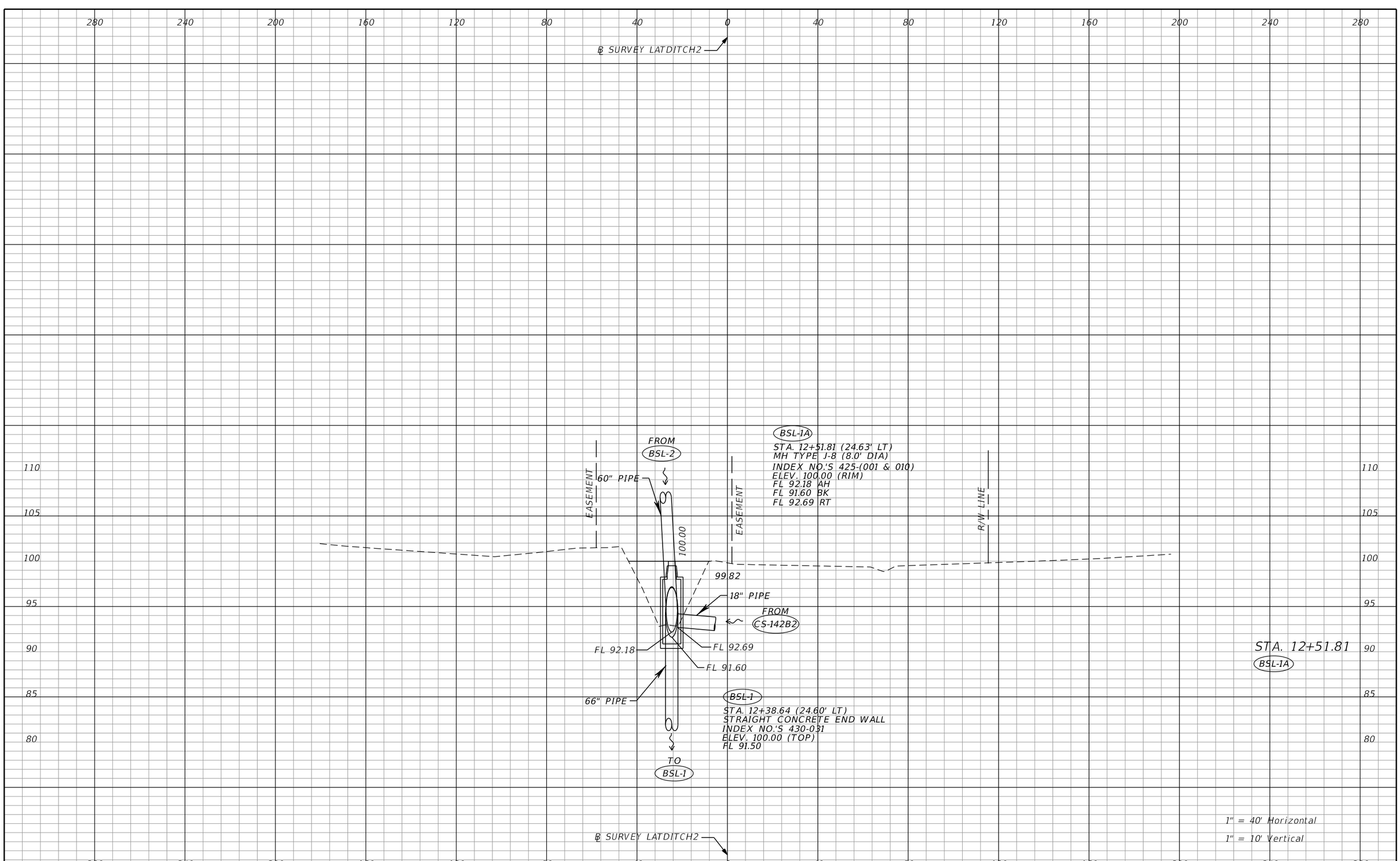

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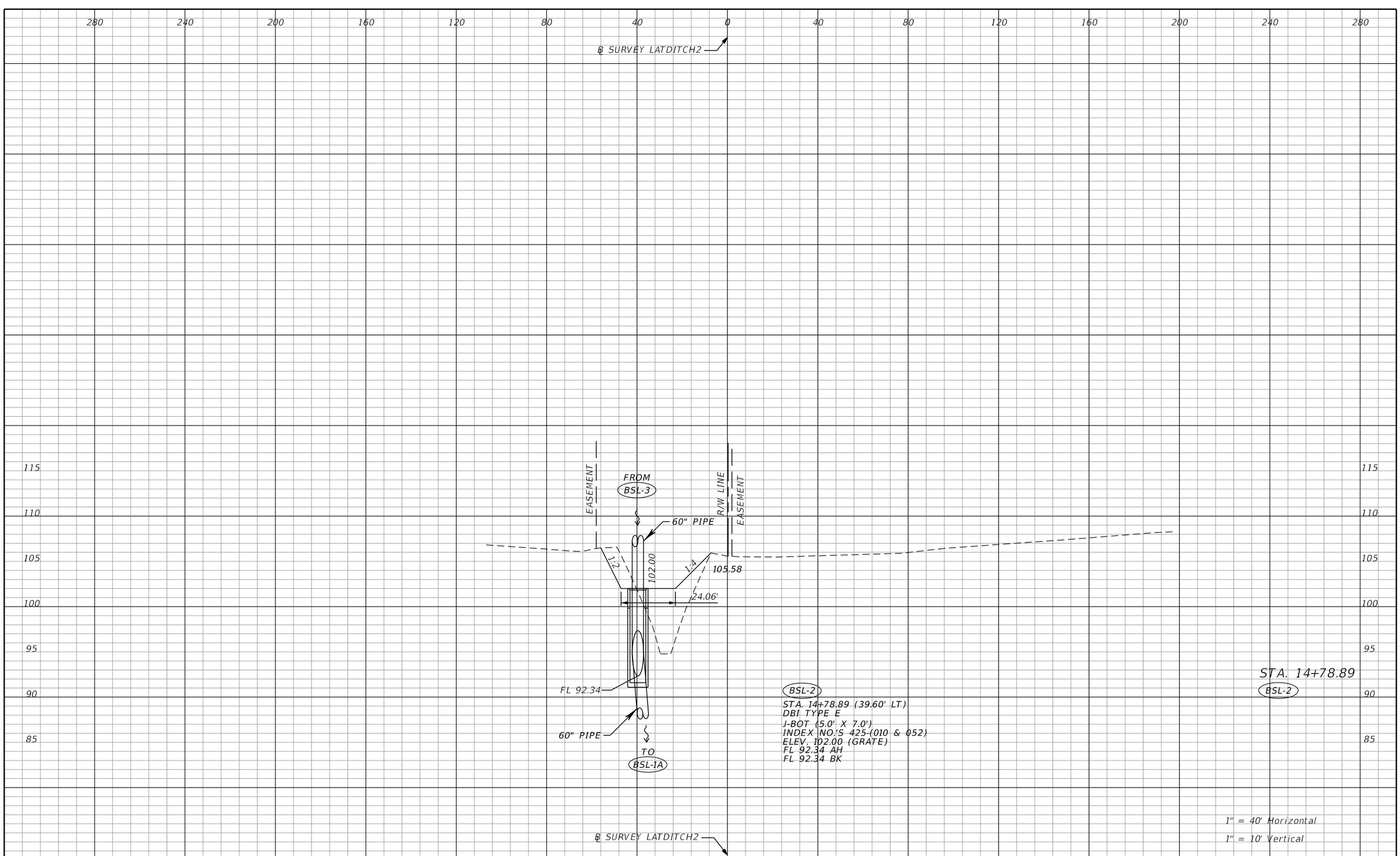
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 331



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DRAINAGE STRUCTURE SECTIONS

SHEET NO. 332

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ SURVEY LATDITCH2

120 115 110 105 100 95 90 85

R/W LINE

EASEMENT

FROM BSL-4

60" PIPE

EL. 108.00

EASEMENT

BSL-3

STA. 17+58.67 (41.66' LT)
MH TYPE J-8 (4.0' X 7.0') (>10')
INDEX NO.'S 425-(001 & 010)
ELEV. 108.00 (RIM)
FL 92.57 AH
FL 92.57 BK

110.00

BF0

WNP W BE BF0

FL 92.57

60" PIPE

TO BSL-2

STA. 17+58.67

BSL-3

1" = 40' Horizontal

1" = 10' Vertical

℄ SURVEY LATDITCH2

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

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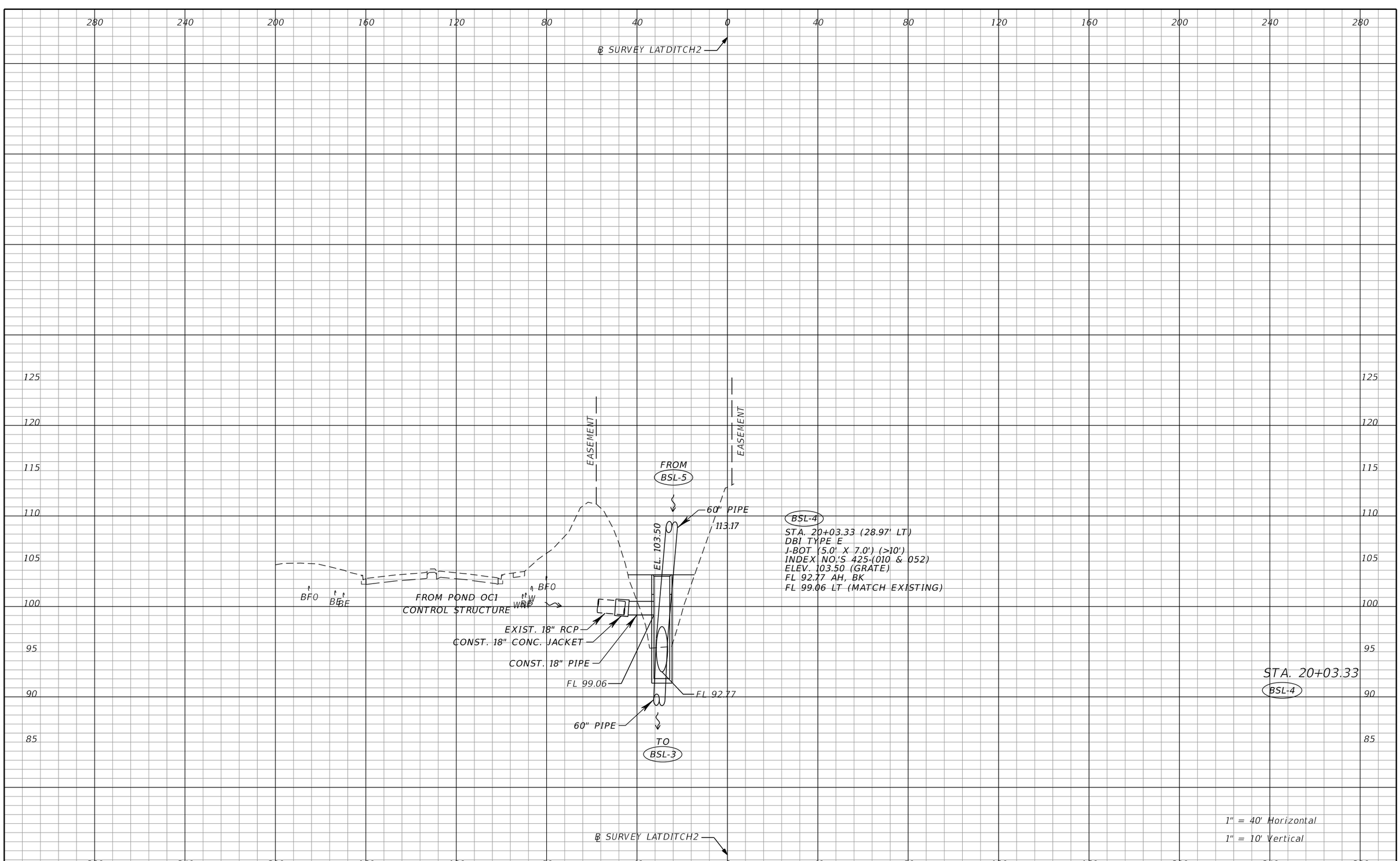
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 333



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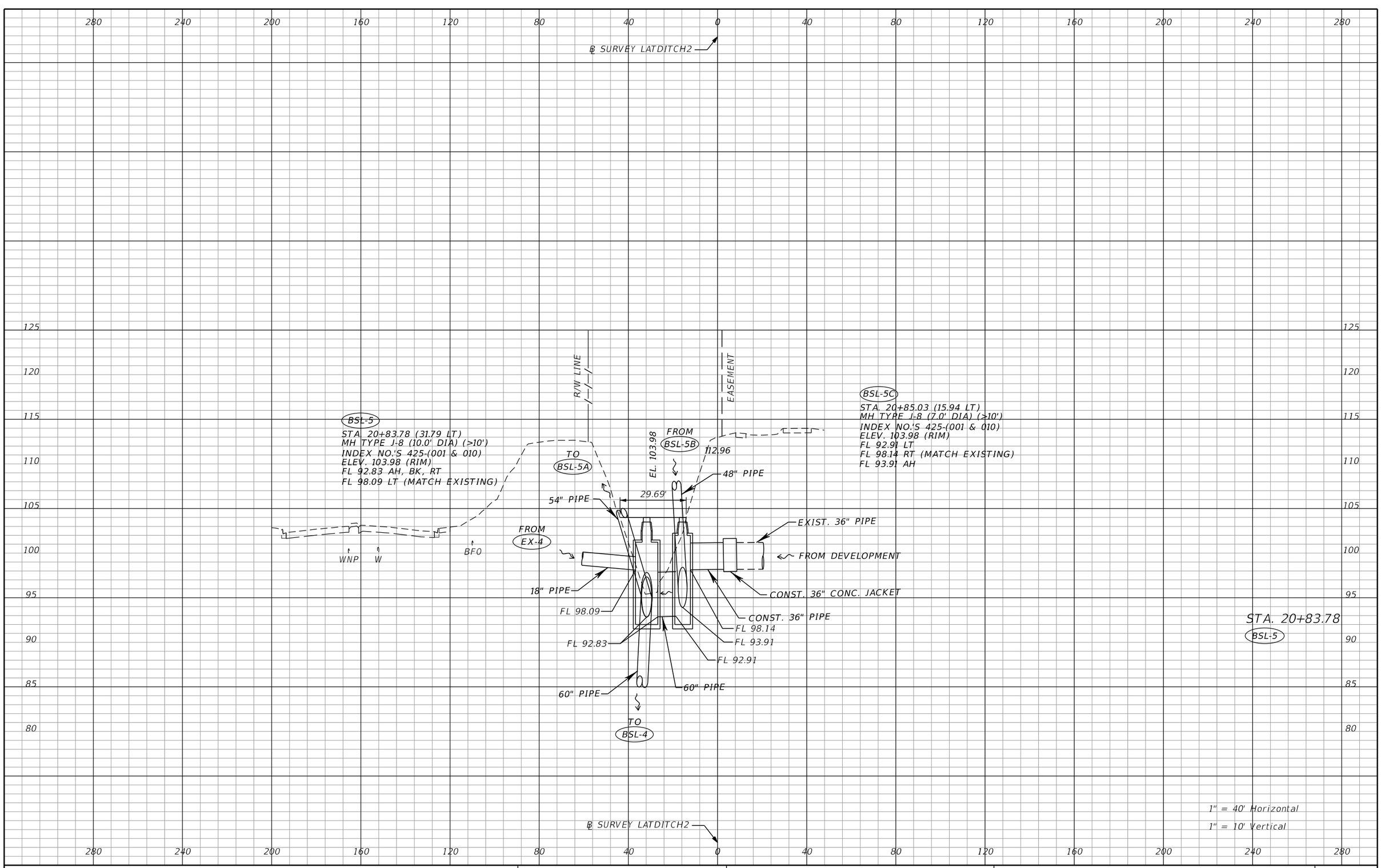
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 334



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DRAINAGE STRUCTURE SECTIONS

SHEET NO. 335

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

℄ SURVEY LATDITCH2

125 120 115 110 105 100 95 90

EASEMENT

LA R/W LINE

EASEMENT

1:2

103.38

1:2

113.13

EX-4

STA. 21+10.90 (119.80 LT)
INLET TYPE P-2
INDEX 425-020
ELEV. 102.43 (EOP)
FL 98.70 RT

EL 102.43

EXIST. 18" RCP
TO BE REMOVED

21.86'

BE

FROM EXIST. INLET

BF0

WNP W

BE BE

BE

EXIST. 18" PIPE

FL 98.70

TO
BSL-5

18" PIPE

STA. 21+10.90
EX-4

1" = 40' Horizontal
1" = 10' Vertical

℄ SURVEY LATDITCH2

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

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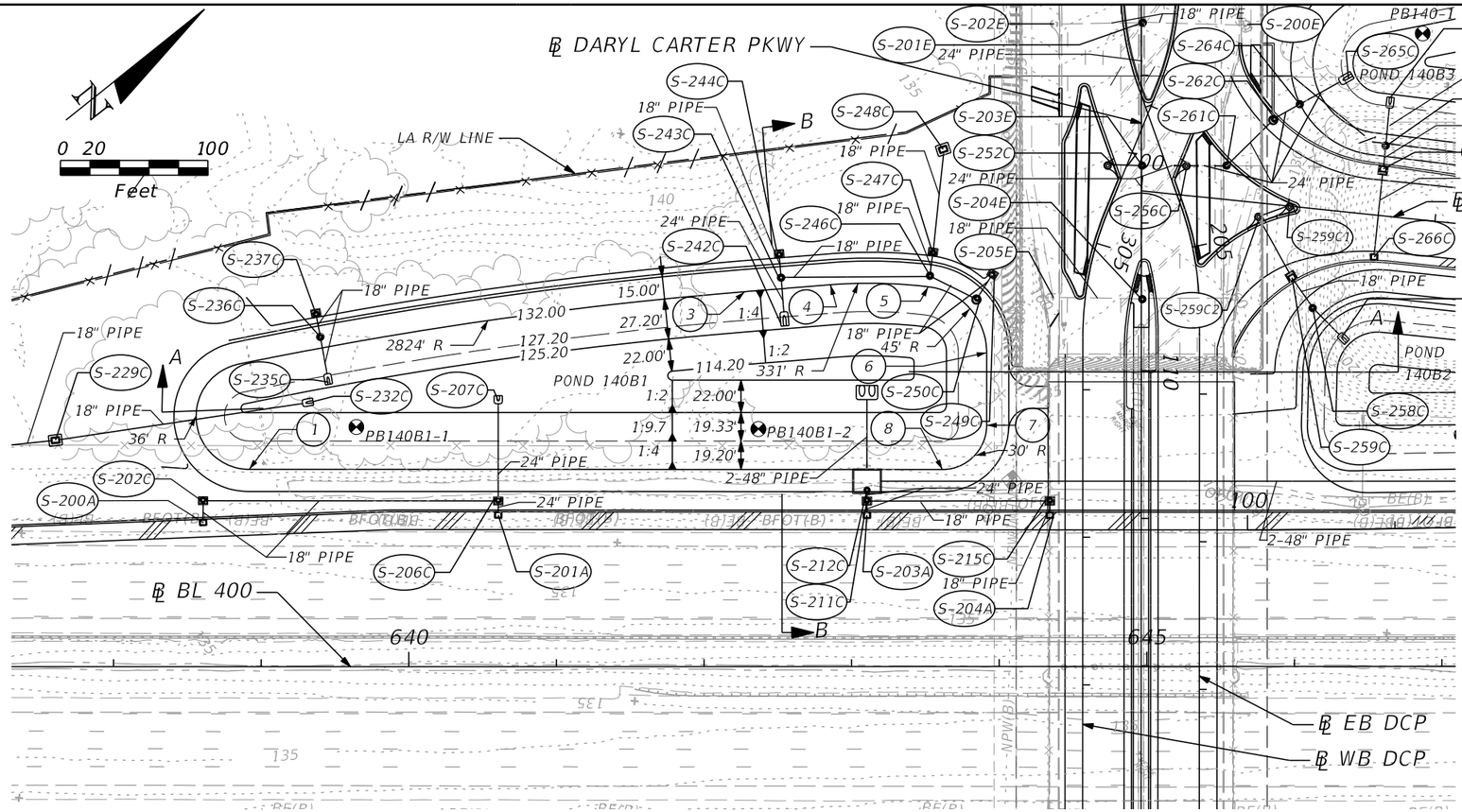
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 336



LEGEND

NWL = NORMAL WATER LEVEL
DHW = DESIGN HIGH WATER
☢ = APPROXIMATE BORING LOCATION

NOTES:

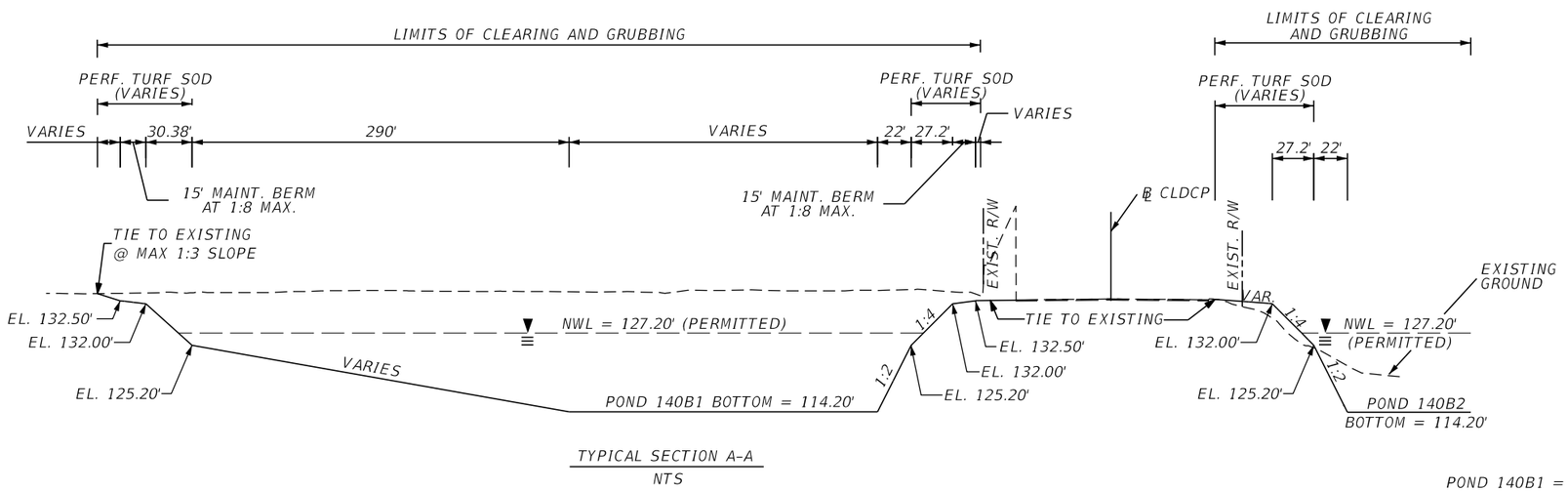
1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF MAINTENANCE BERM IS 30 FEET UNLESS OTHERWISE NOTED. 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, UNLESS OTHERWISE NOTED ON THE CONTROL STRUCTURE DETAIL SHEET.

POND 140B1

REFERENCE POINT	℄ DARYL CARTER PKWY	OFFSET (FT)	SIDE
1	110+67.16	604.33	RT
2	109+95.91	611.63	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+37.01	104.70	RT
8	110+67.01	134.69	RT



POND 140B1 = 1.82 AC
DHW EL. = 129.07' (025Y024HR) - INTERIM DCP
DHW EL. = 128.37' (025Y024HR) - I-4 BTU
NWL EL. = 127.20'

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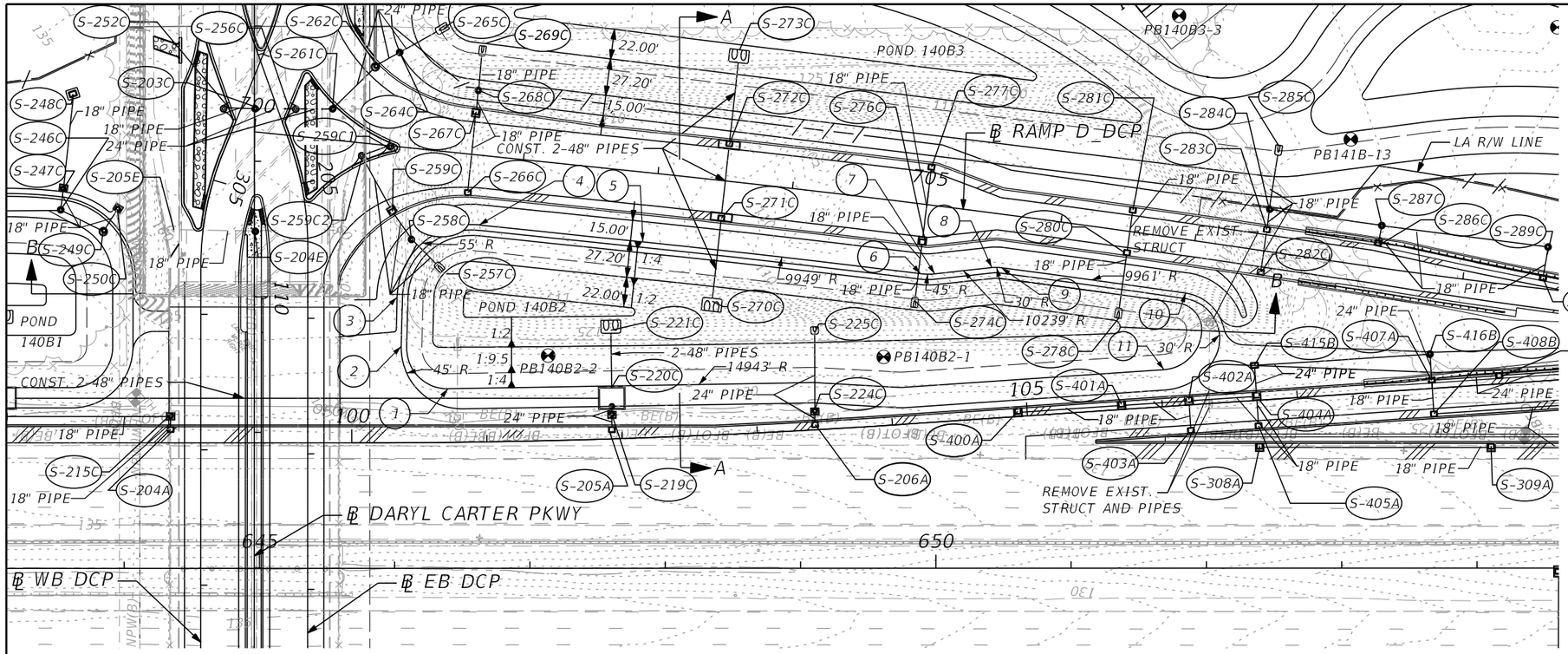
150 N. Orange Avenue, Suite 200
Orlando, FL. 32801
T 407.843.6552 F 407.839.1789
www.aecom.com

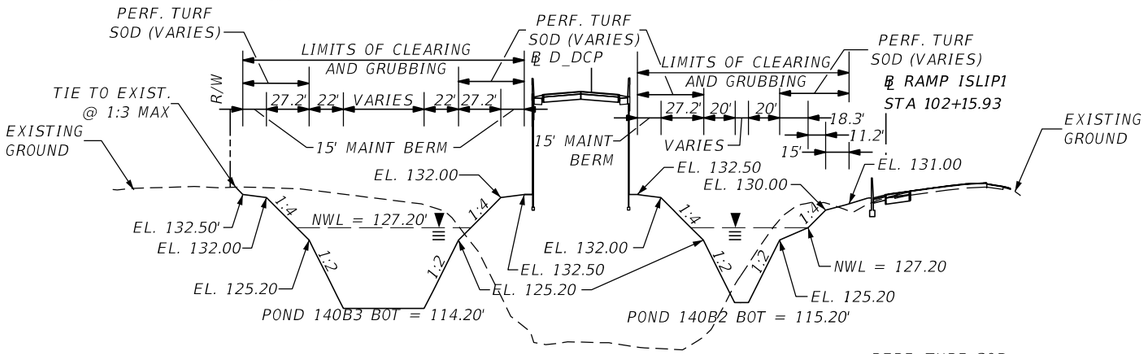
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

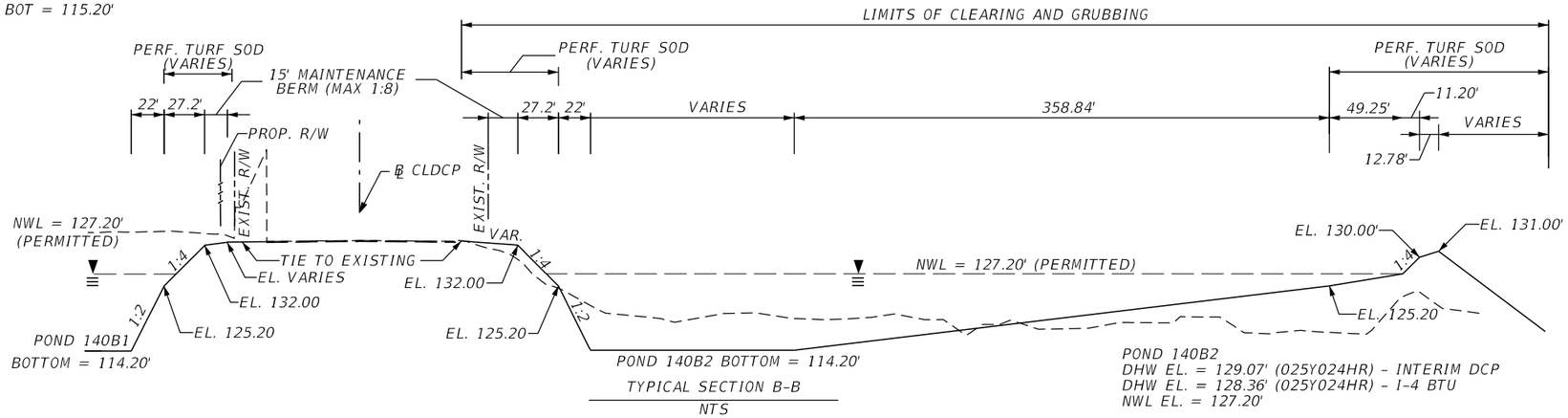
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND DETAIL
POND 140B1

SHEET NO. 337







POND 140B2

REFERENCE POINT	℄ DARYL CARTER PKWY	OFFSET (FT)	SIDE
1	110+67.78	143.15	LT
2	110+36.49	108.64	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+96.91	688.47	LT
11	110+53.41	672.43	LT

0 20 100
Feet

TYPICAL SECTION A-A
NTS

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 MAINTENANCE BERM IS 30 FEET UNLESS OTHERWISE NOTED. 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, UNLESS OTHERWISE NOTED ON THE CONTROL STRUCTURE DETAIL SHEET.

POND 140B2
DHW EL. = 129.07' (025Y024HR) - INTERIM DCP
DHW EL. = 128.36' (025Y024HR) - I-4 BTU
NWL EL. = 127.20'

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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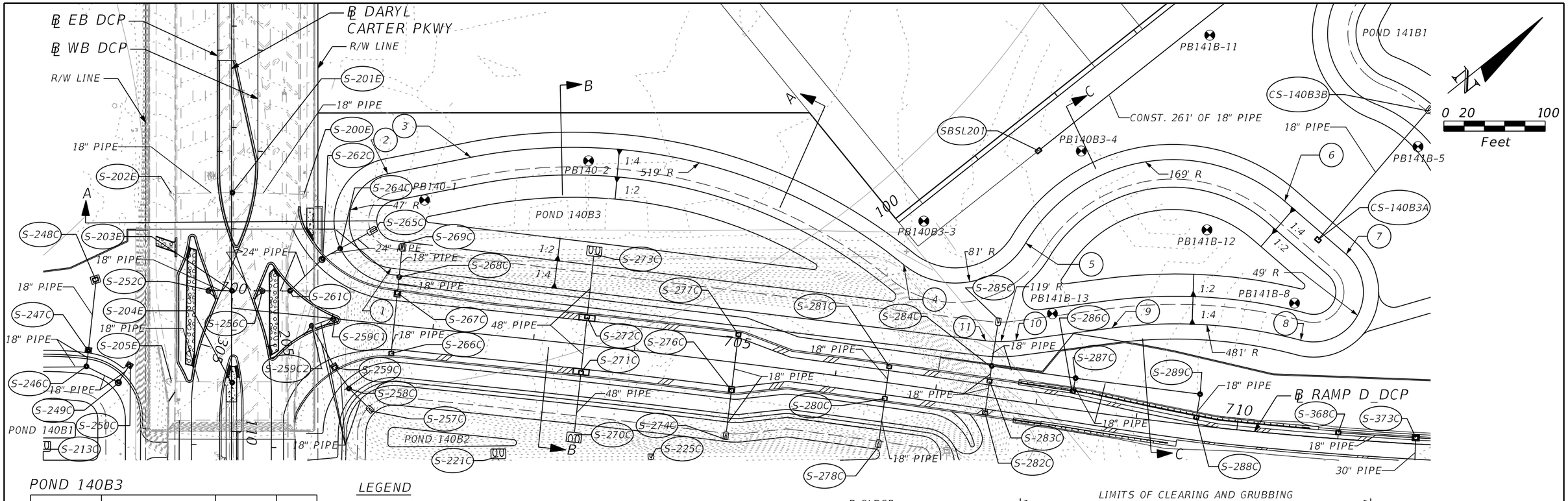
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND DETAIL
POND 140B2

SHEET NO. 338

glen.dvorovy 5/6/2020 5:02:18 PM c:\pwworking\aecom_na\glen.dvorovy\d0164799\DRDTRD01_POND140B2_A.DGN



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	108+10.08	744.57	LT

LEGEND

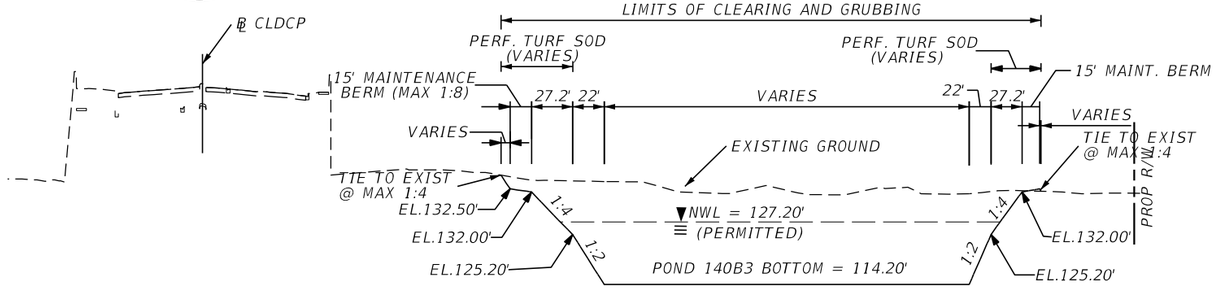
NWL = NORMAL WATER LEVEL
DHW = DESIGN HIGH WATER
⊕ = APPROXIMATE BORING LOCATION

NOTES:

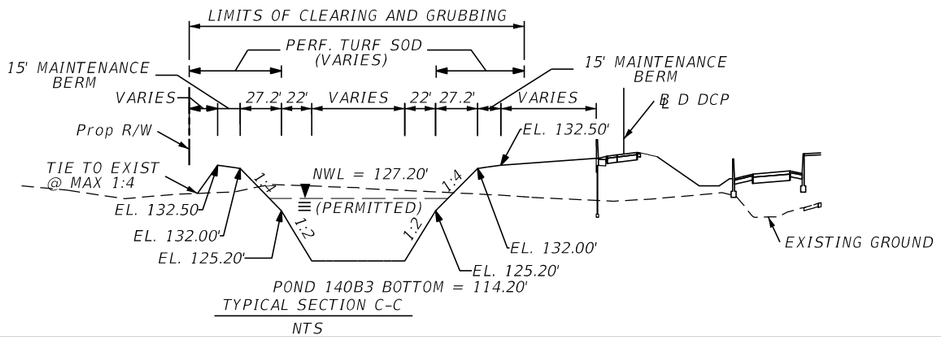
1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF MAINTENANCE BERM IS 30 FEET UNLESS OTHERWISE NOTED. 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, UNLESS OTHERWISE NOTED ON THE CONTROL STRUCTURE DETAIL SHEET.

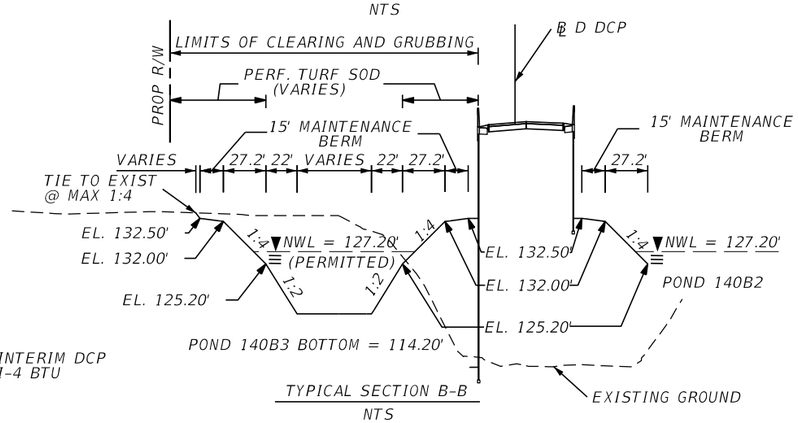


TYPICAL SECTION A-A
NTS



TYPICAL SECTION C-C
NTS

POND 140B3
DHW EL. = 129.07' (025Y024HR) - INTERIM DCP
DHW EL. = 128.37' (025Y024HR) - I-4 BTU
NWL EL. = 127.20'



TYPICAL SECTION B-B
NTS

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

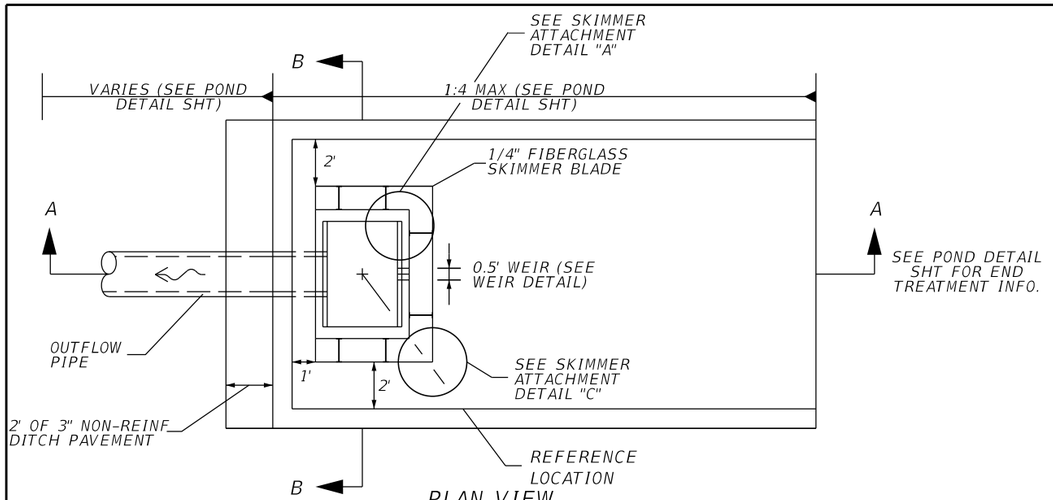
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND DETAIL
POND 140B3

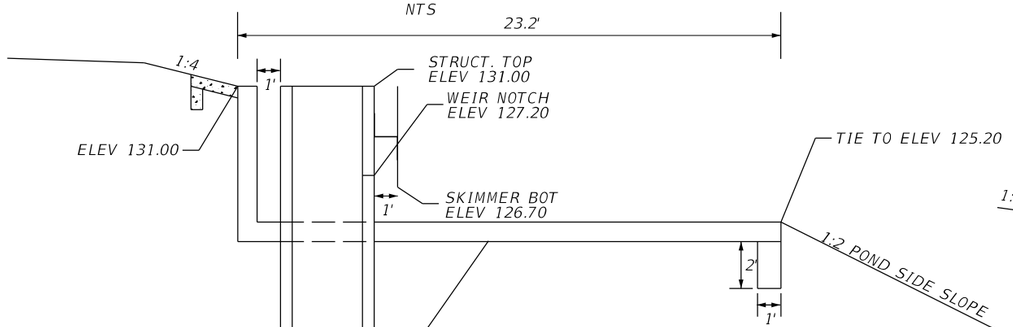
SHEET NO. 339

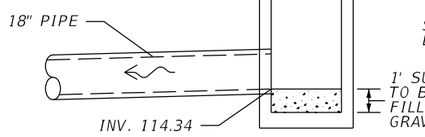
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

glen.dvorovy 5/6/2020 5:02:25 PM c:\pwworking\aecom_na\glen.dvorovy\d0164799\DRDTRD01_POND140B3_A.DGN

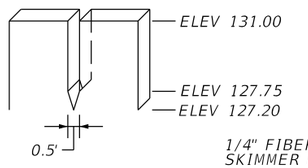


PLAN VIEW
NTS



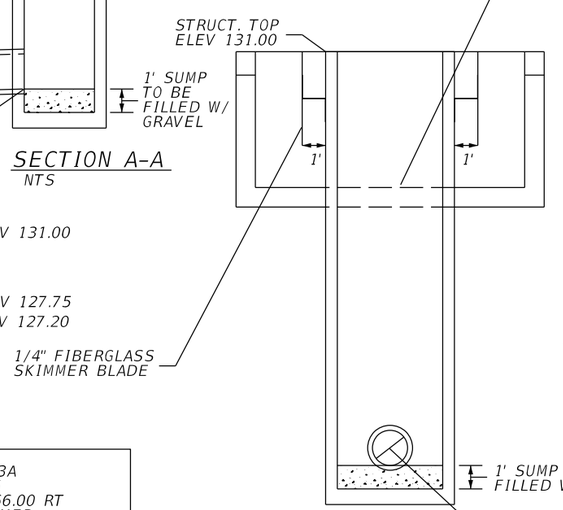


SECTION A-A
NTS



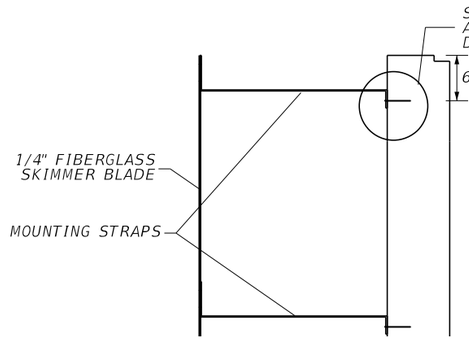
WEIR DETAIL
NTS

CONTROL STRUCTURE CS140B3A
CONST MODIFIED TYPE E DBI
@ PND141, STA 610+02.34, 366.00 RT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS

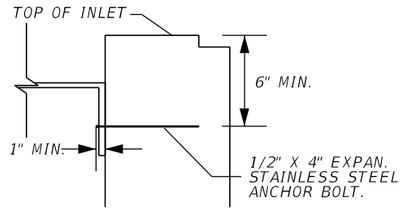


SECTION B-B
NTS

SKIMMER ATTACHMENT DETAILS



DETAIL "A"
NTS



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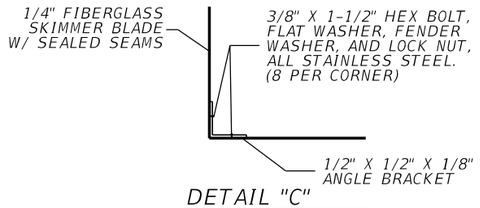

DETAIL "C"
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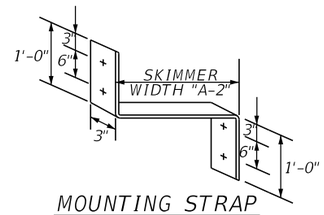


MOUNTING STRAP
NTS

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.

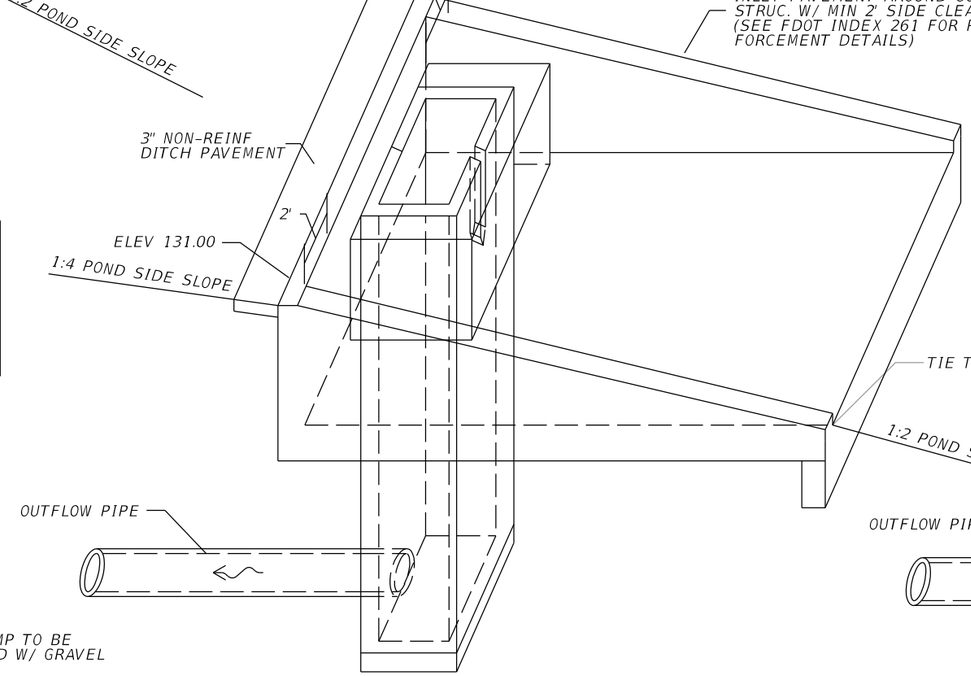
2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

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.

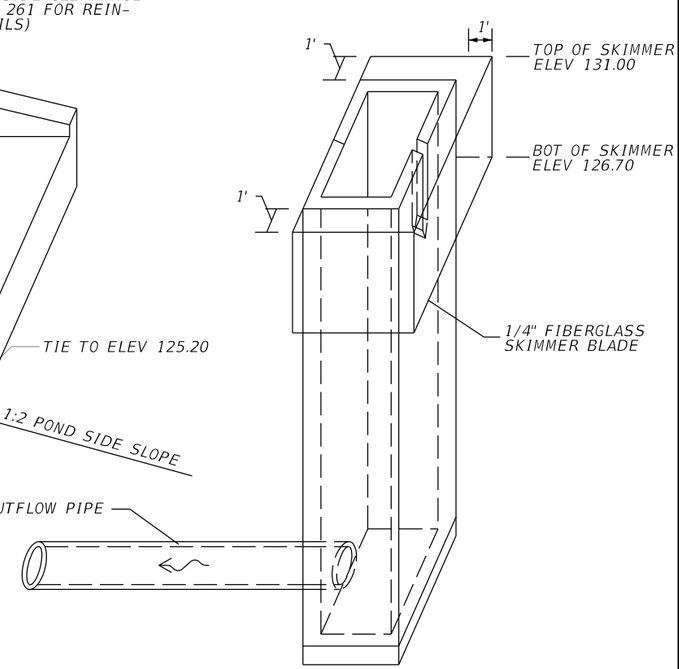
4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

5. FASTEN MOUNTING STRAP IN WITH 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

6. ALL CONTROL STRUCTURES SHALL HAVE STEEL RECTICULAR GRATES.



CONCRETE INLET PAVEMENT DETAIL
NTS



SKIMMER DETAIL
NTS

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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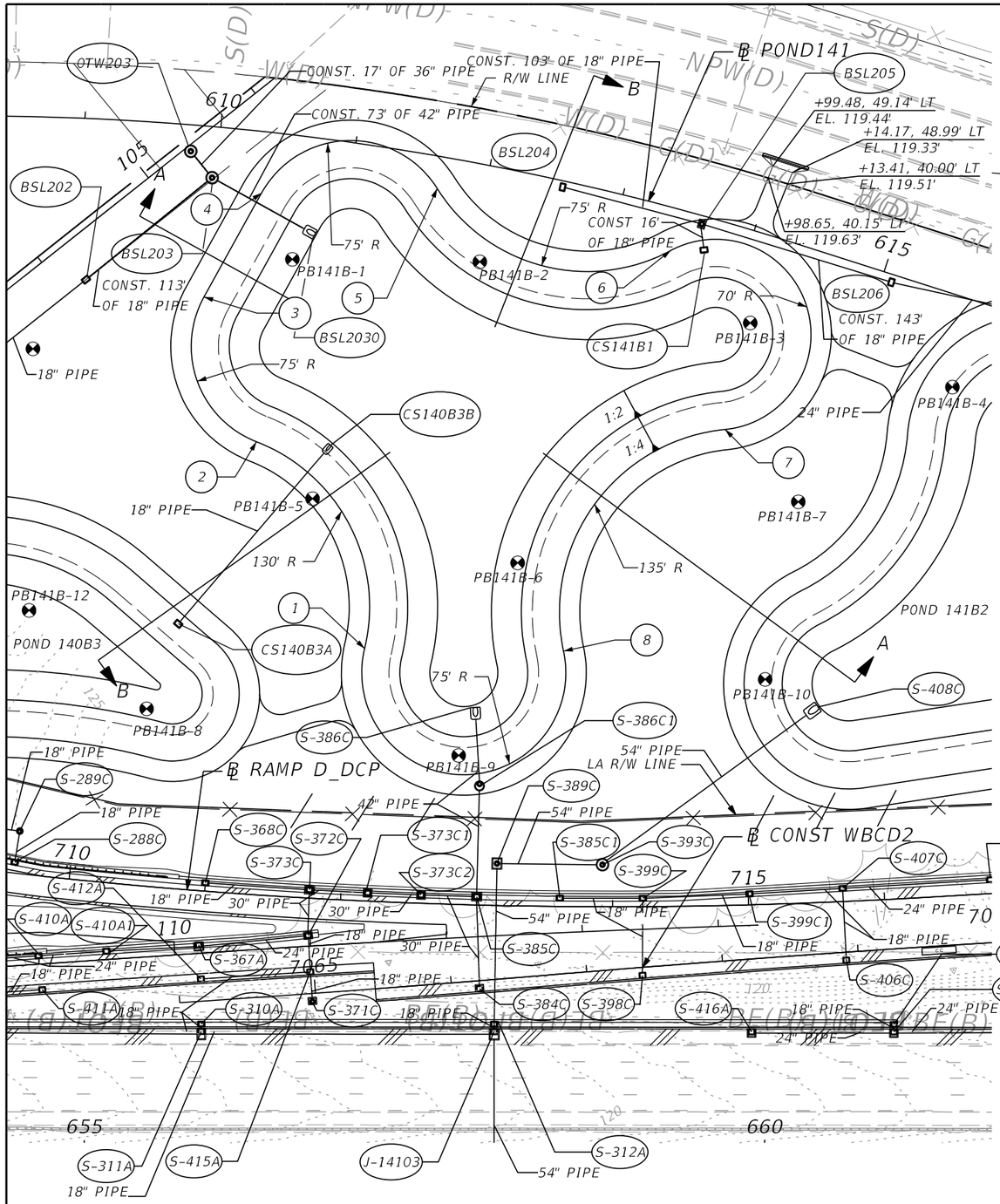
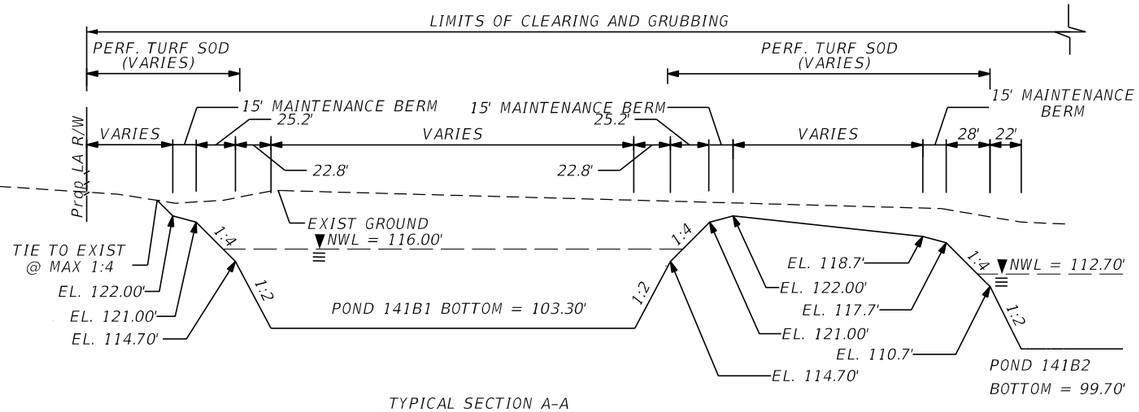
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

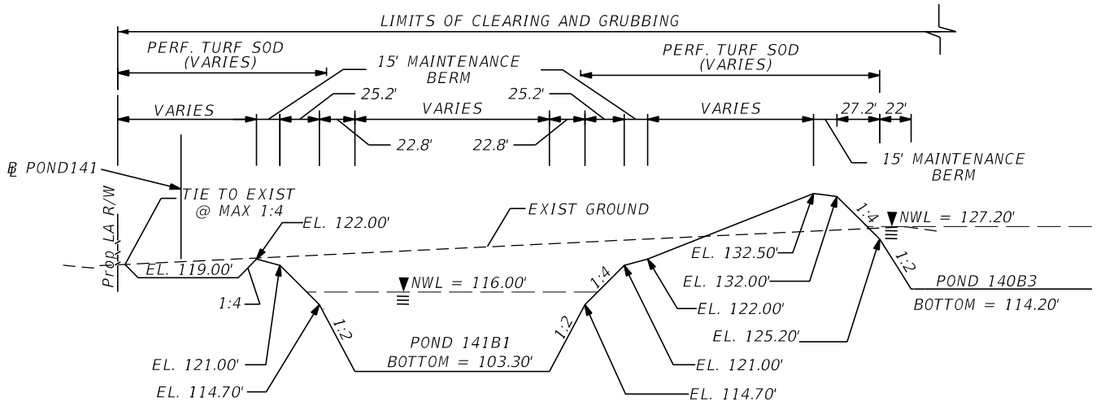
CONTROL STRUCTURE DETAIL
POND 140B1, B2, & B3

SHEET NO. 340





TYPICAL SECTION A-A
NTS



TYPICAL SECTION B-B
NTS

POND 141B1 = 3.01 ACRES
DHW EL = 118.56' (025Y024HR) - INTERIM DCP
DHW EL = 118.95' (025Y024HR) - I-4 BTU
NWL EL = 116.00'

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

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 MAINTENANCE BERM IS 30 FEET UNLESS OTHERWISE NOTED. 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 STANDARD SKIMMER DETAILS. OTHERWISE REFER TO INFORMATION PROVIDED.

REVISIONS			
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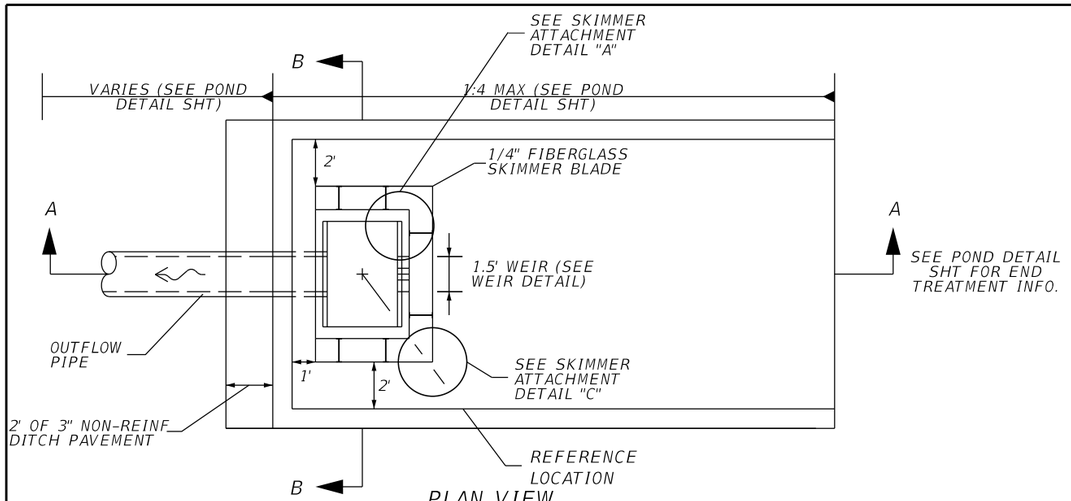
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

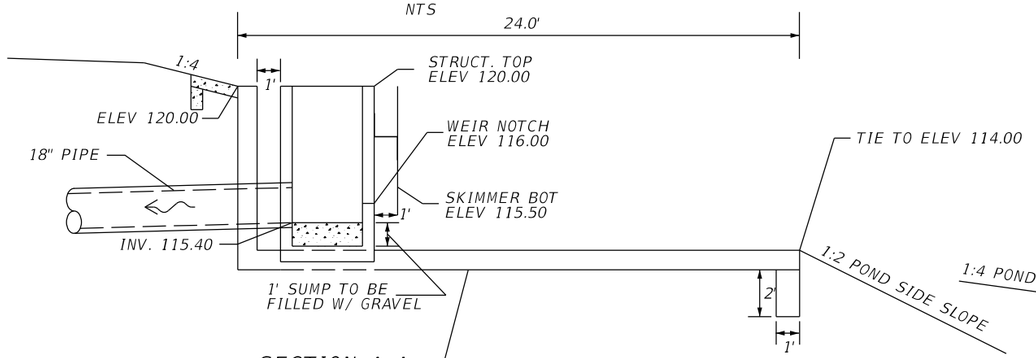
POND DETAIL
POND 141B1

SHEET NO. 341

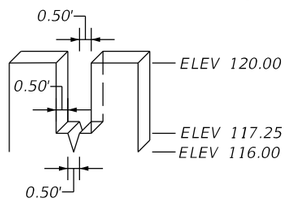
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



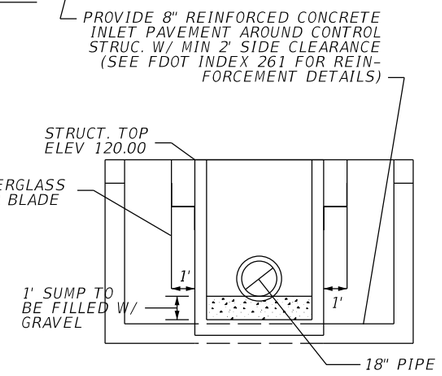
PLAN VIEW
NTS



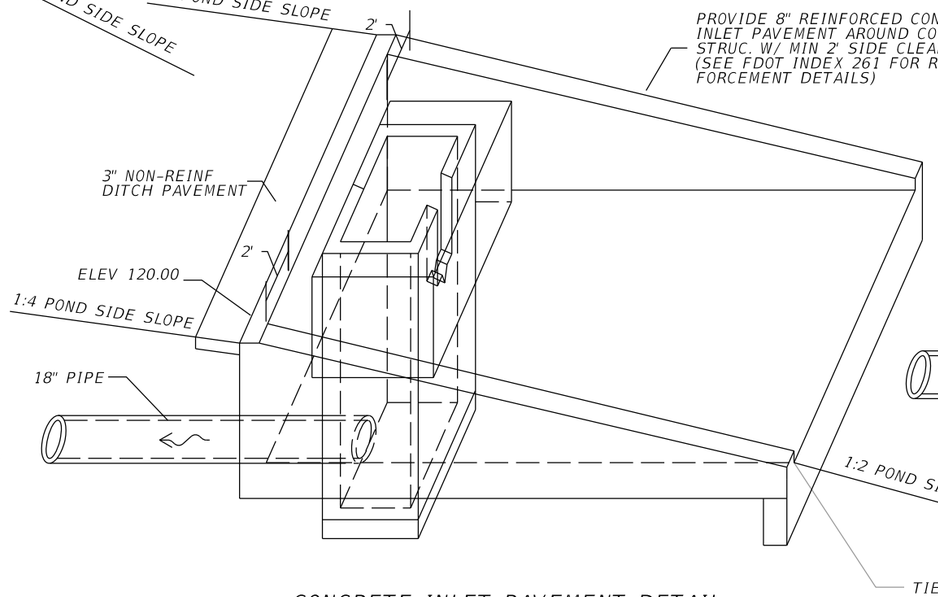
SECTION A-A
NTS



WEIR DETAIL
NTS

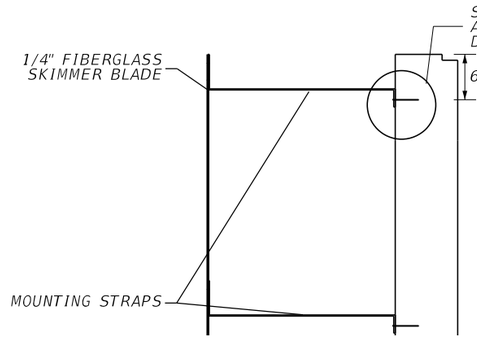


SECTION B-B
NTS

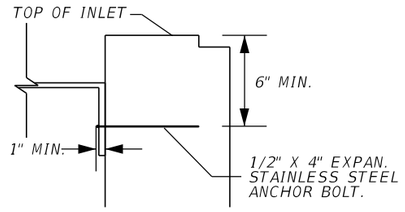


CONCRETE INLET PAVEMENT DETAIL
NTS

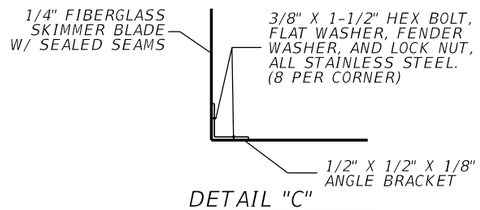
SKIMMER ATTACHMENT DETAILS



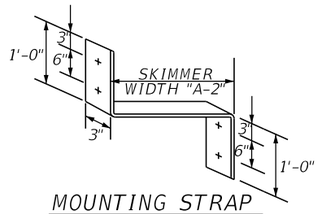
DETAIL "A"
NTS



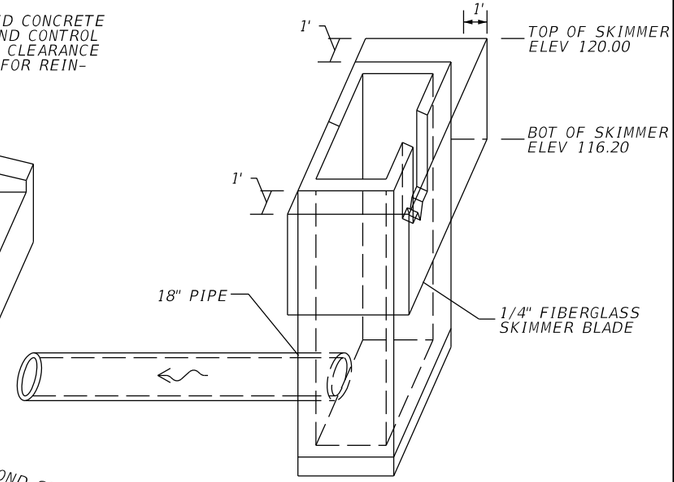
DETAIL "B"
NTS



DETAIL "C"
NTS



MOUNTING STRAP
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.

CONTROL STRUCTURE CS141B1
CONST MODIFIED TYPE E DBI
@ POND141, STA 613+68.31, 23.93' RT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

CONTROL STRUCTURE DETAIL POND 141B1

SHEET NO. 342

LEGEND

ESHW = ESTIMATED SEASONAL HIGH WATER
DHW = DESIGN HIGH WATER
☢ = APPROXIMATE BORING LOCATION

NOTES:

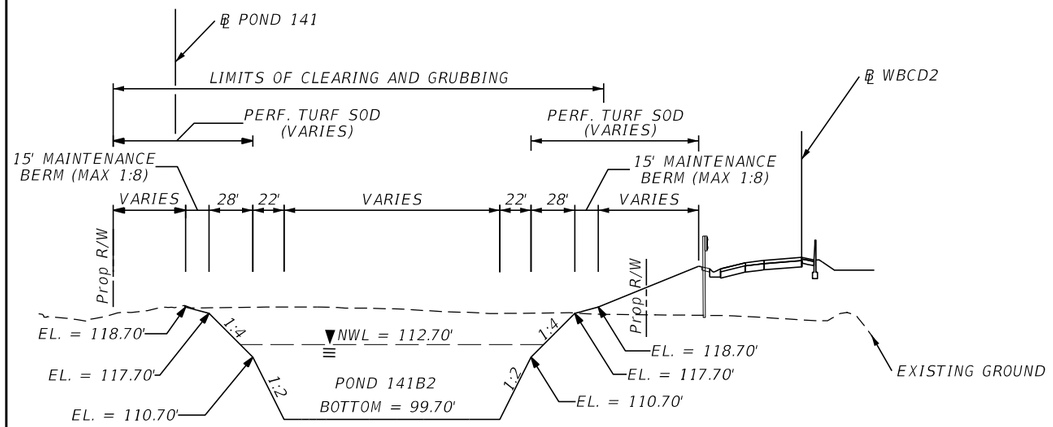
1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF MAINTENANCE BERM IS 30 FEET UNLESS OTHERWISE NOTED. CURVES ABOVE AND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUS FOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

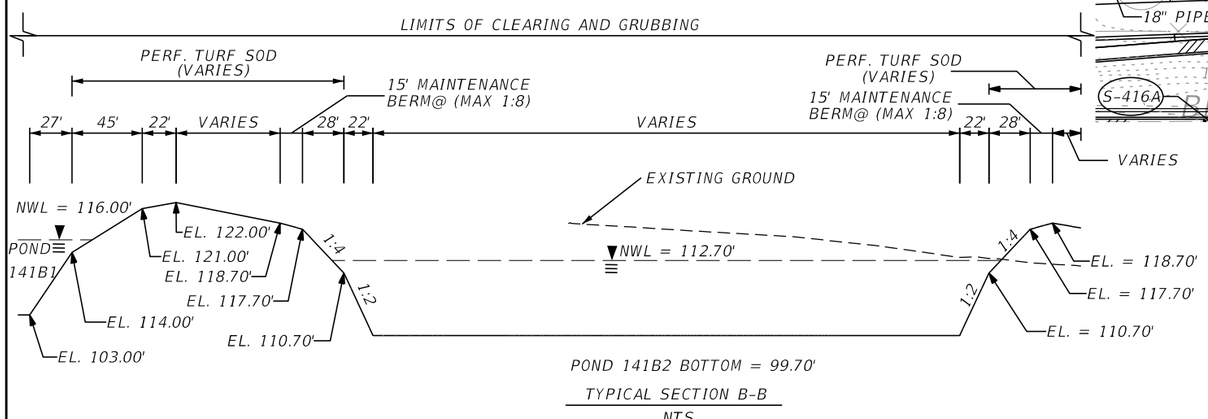
3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE INFORMATION. USE FDOT INDEX 240 FOR SKIMMER DETAILS.

POND 141B2

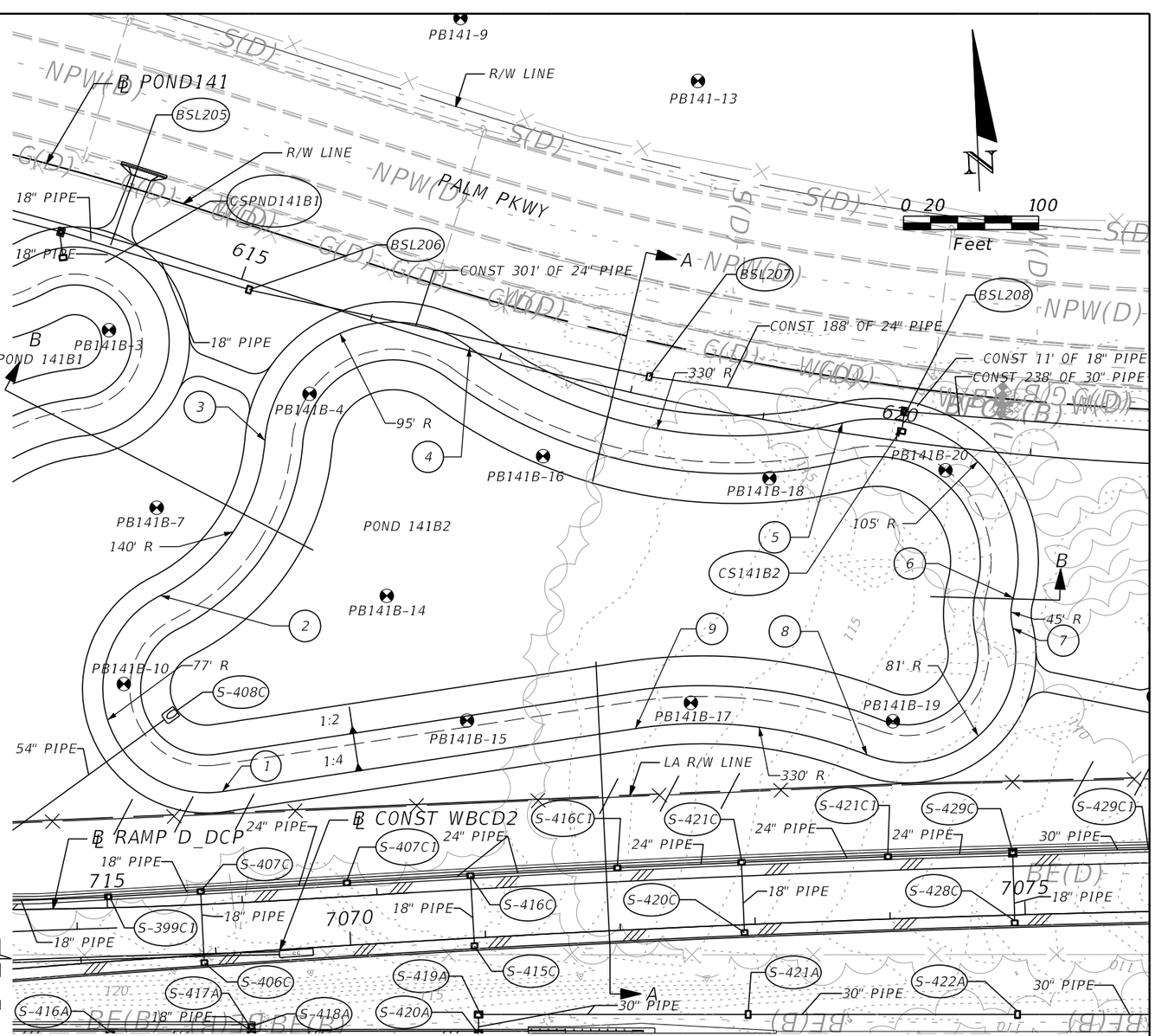
REFERENCE POINT	℄ POND141	OFFSET (FT)	SIDE
1	616+01.82	365.36	RT
2	615+14.00	241.10	RT
3	615+52.80	108.37	RT
4	616+76.18	2.39	LT
5	619+58.61	7.18	LT
6	620+96.67	106.21	RT
7	620+98.27	128.56	RT
8	620+08.55	233.57	RT
9	618+52.97	242.45	RT



TYPICAL SECTION A-A
NTS



TYPICAL SECTION B-B
NTS



POND 141B2 = 4.30 ACRES
DHW EL. = 115.65' (025Y024HR) - INTERIM DCP
DHW EL. = 115.31' (025Y024HR) - I-4 BTU
NWL EL. = 112.70'

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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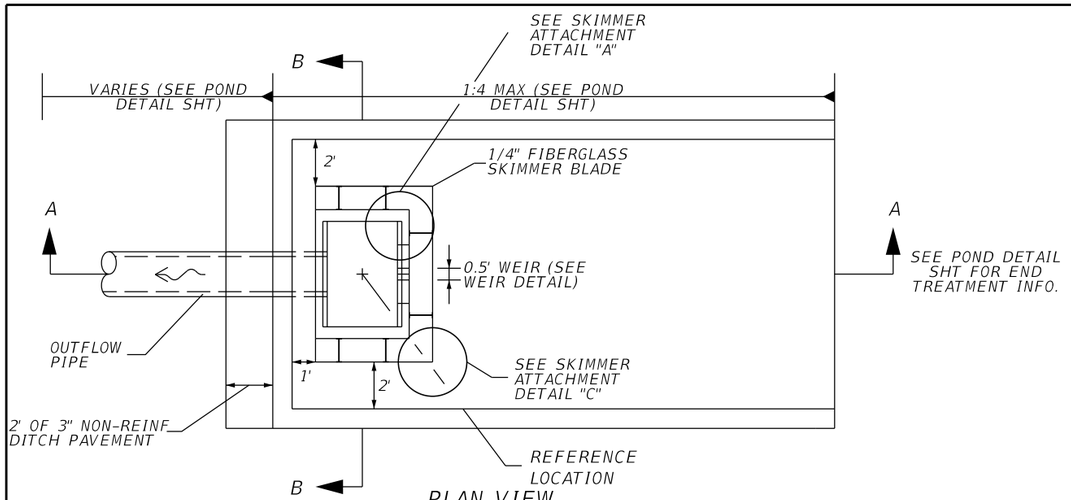
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND DETAIL
POND 141B2

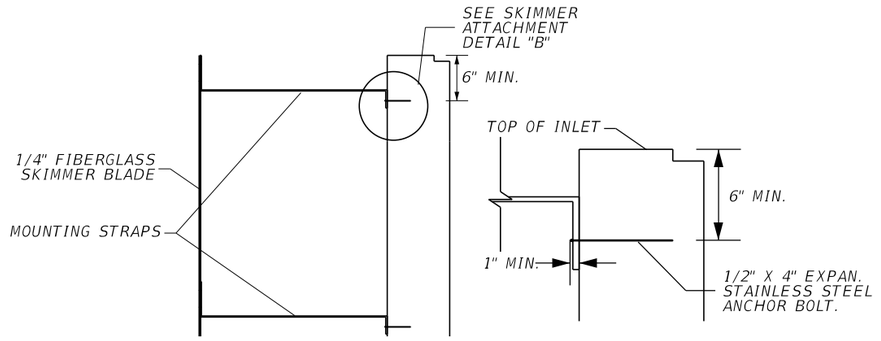
SHEET NO. 343

glen.dvorovy 5/6/2020 5:02:47 PM c:\pwworking\aecom_na\glen.dvorovy\d0164799\DRDTRD01_POND141B2_A.DGN



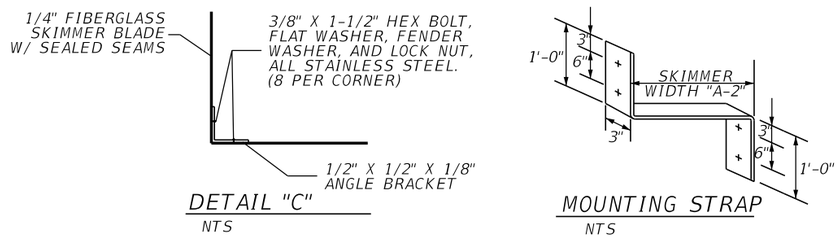
PLAN VIEW
NTS

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.

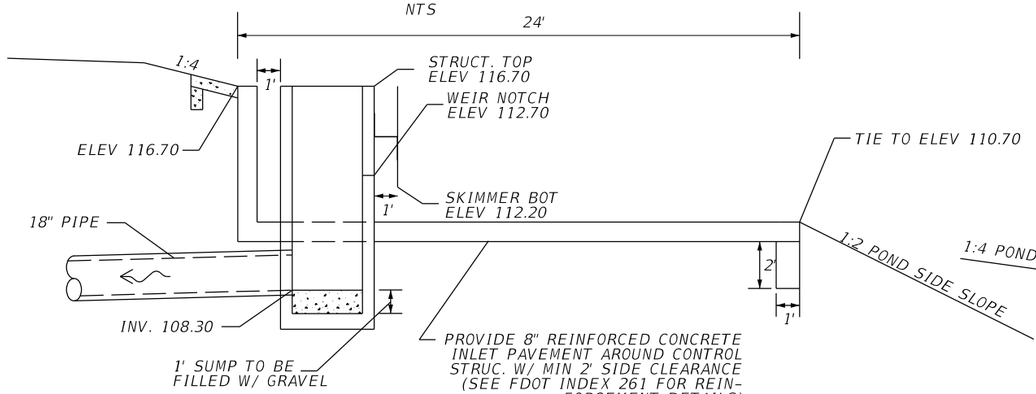
2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

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.

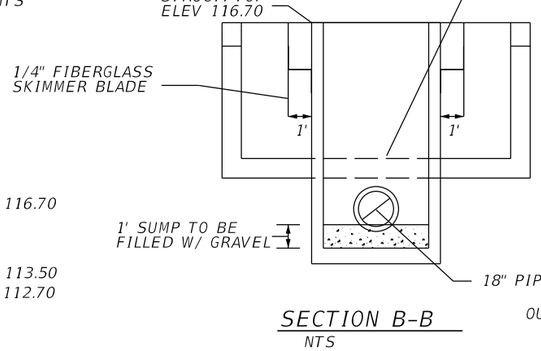
4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

5. FASTEN MOUNTING STRAP IN WITH 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

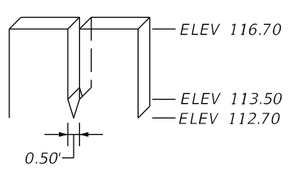
6. ALL CONTROL STRUCTURES SHALL HAVE STEEL RECTICULAR GRATES.



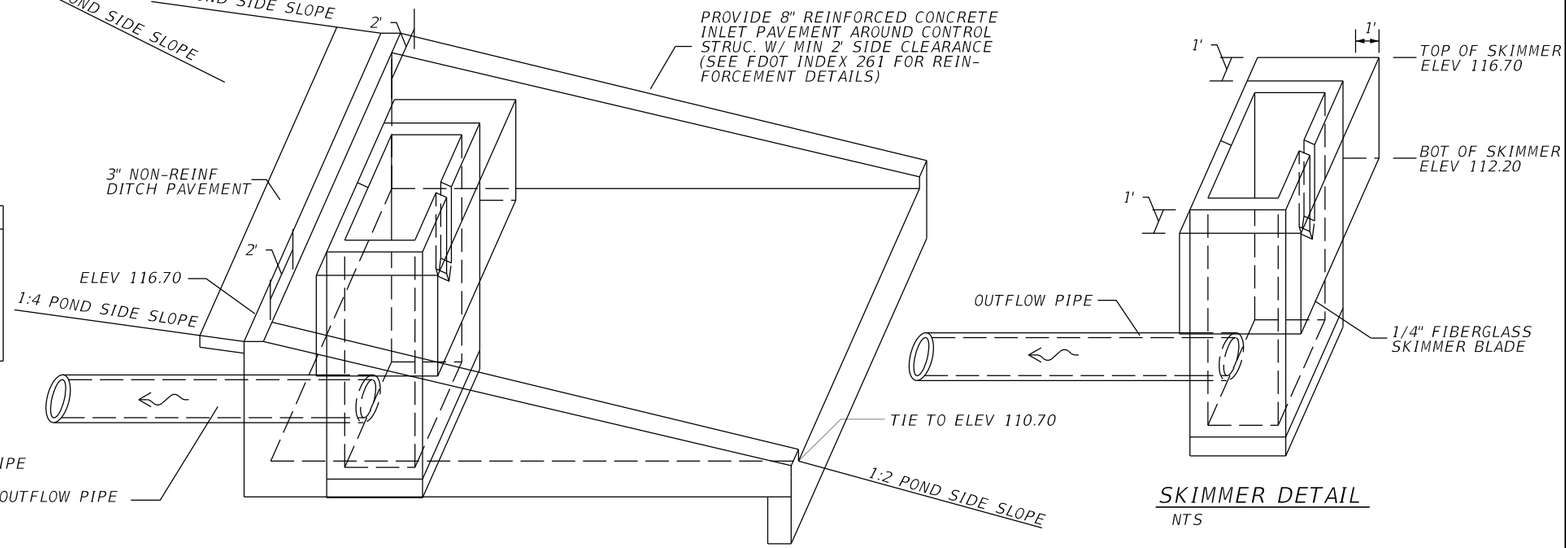
SECTION A-A
NTS



SECTION B-B
NTS



WEIR DETAIL
NTS



CONCRETE INLET PAVEMENT DETAIL
NTS

SKIMMER DETAIL
NTS

CONTROL STRUCTURE CS141B2
CONST MODIFIED TYPE E DBI
@ POND141, STA 620+03.13, 7.33' 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	441113-1-52-01

CONTROL STRUCTURE DETAIL
POND 141B2

SHEET NO. 344

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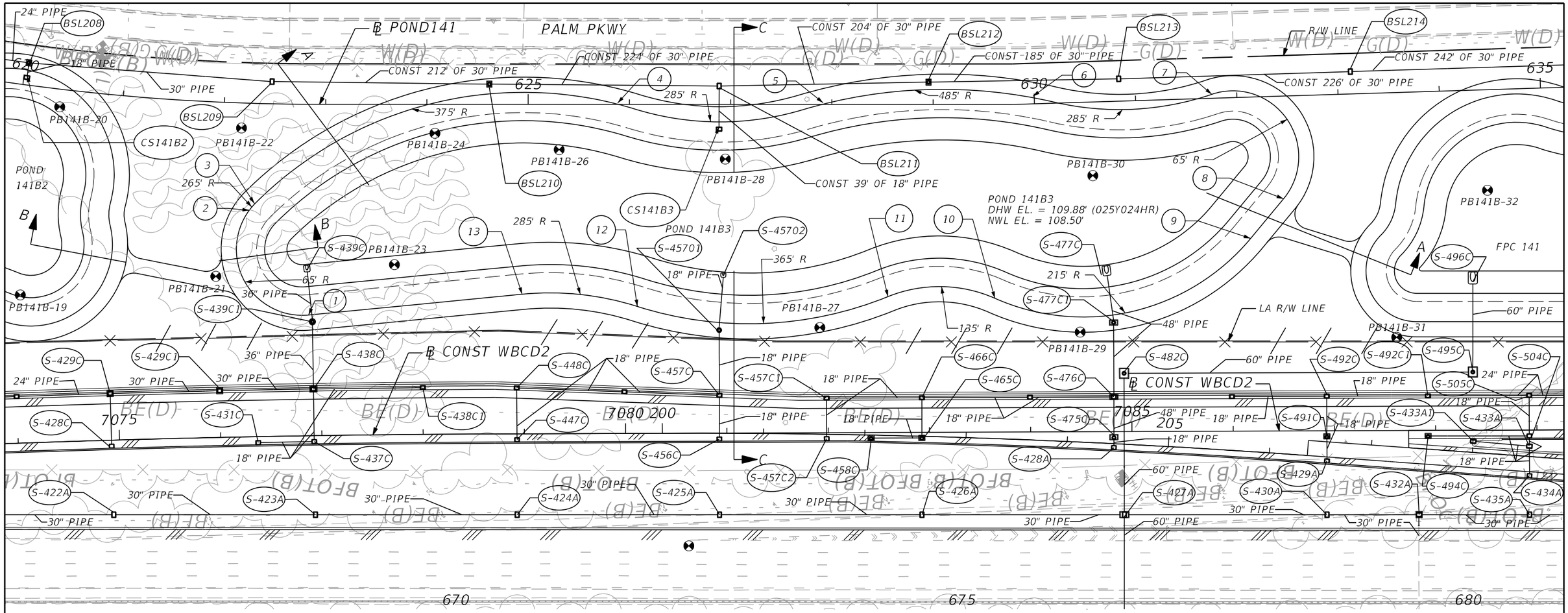


REFERENCE POINT	℄ POND141	OFFSET (FT)	SIDE
1	622+84.01	207.94	RT
2	622+27.71	105.57	RT
3	622+32.35	98.83	RT
4	625+88.33	1.26	LT
5	627+91.35	1.65	LT
6	629+98.66	7.44	LT
7	631+75.41	3.88	LT
8	632+42.99	101.39	RT
9	632+09.24	139.51	RT
10	629+60.94	191.35	RT
11	628+55.42	189.66	RT
12	626+07.82	199.38	RT
13	624+94.08	187.39	RT

LEGEND

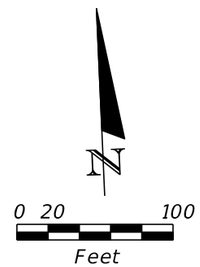
ESHW = ESTIMATED SEASONAL HIGH WATER
DHW = DESIGN HIGH WATER
⊠ = APPROXIMATE BORING LOCATION

NOTES:

1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF MAINTENANCE BERM IS 30 FEET UNLESS OTHERWISE NOTED. 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.



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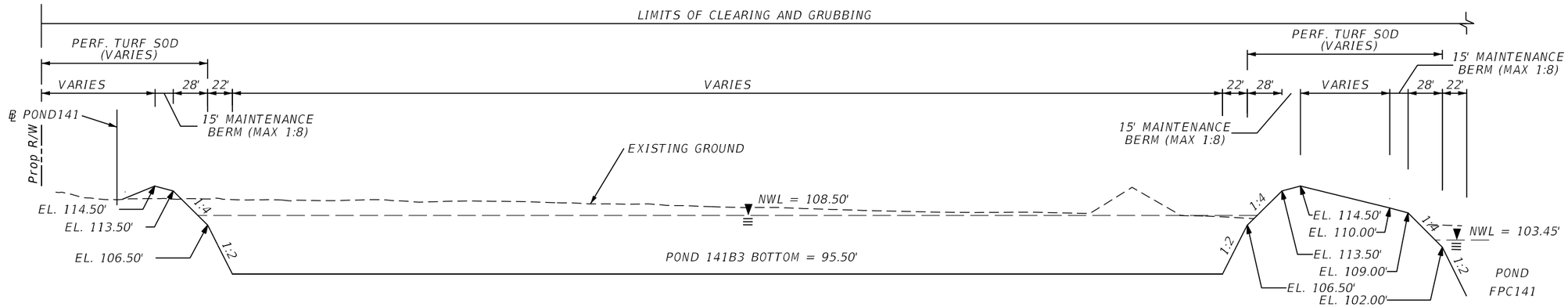
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

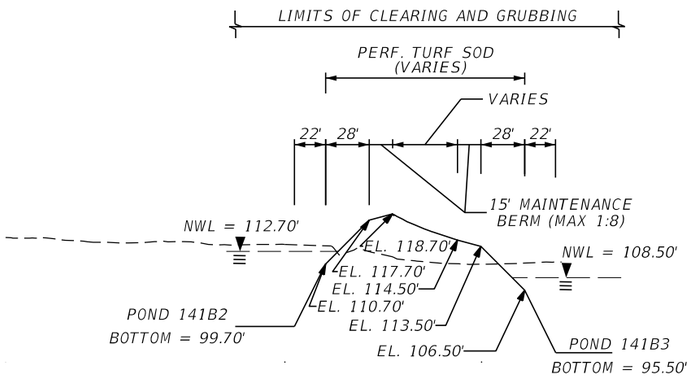
POND DETAIL
POND 141B3

SHEET NO. 345

glen.dvorovy 5/6/2020 5:02:58 PM c:\pwworking\aecom_na\glen.dvorovy\d0164799\DRDTRD01_POND141B3_A.DGN



TYPICAL SECTION A-A
NTS



TYPICAL SECTION B-B
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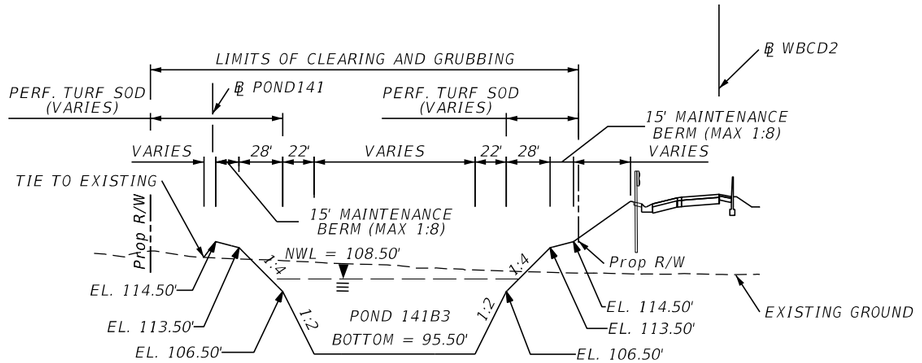

TYPICAL SECTION C-C
NTS

POND 141B3 = 5.29 ACRES
DHW EL. = 109.88' (025Y024HR) - INTERIM DCP
DHW EL. = 111.64' (025YR024HR) - I-4 BTU
NWL EL. = 108.50'

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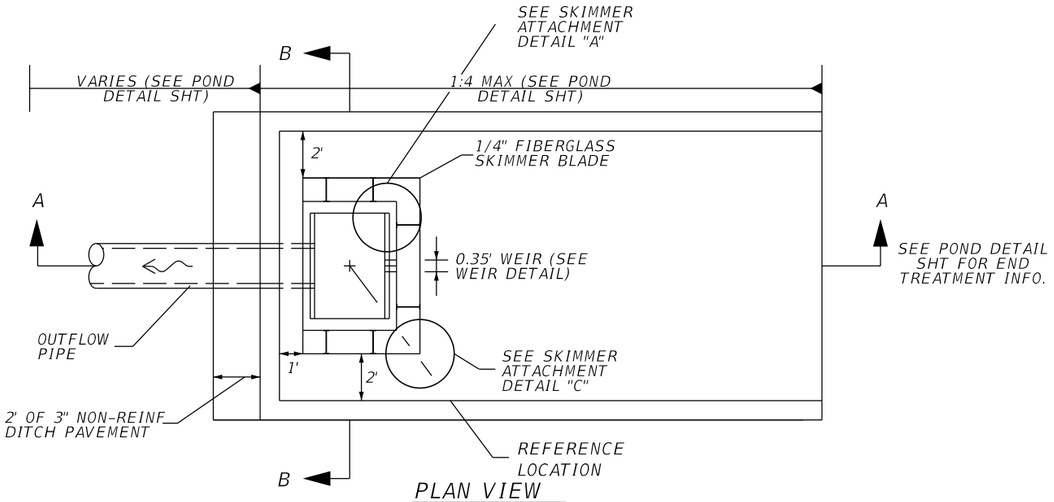
DEPARTMENT OF TRANSPORTATION

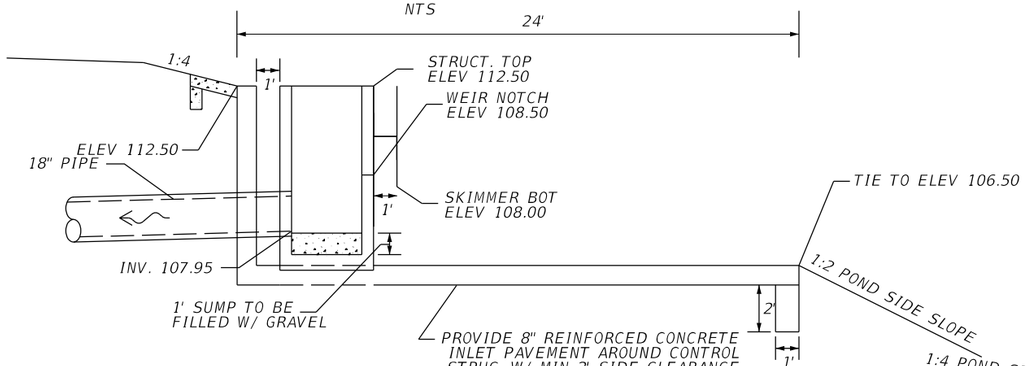
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND TYPICAL SECTIONS
POND 141B3

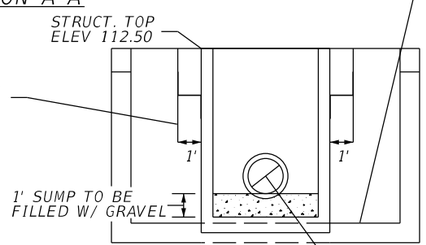
SHEET NO. 346



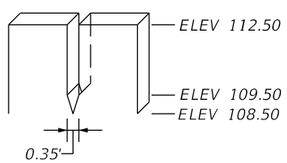
PLAN VIEW
NTS



SECTION A-A
NTS



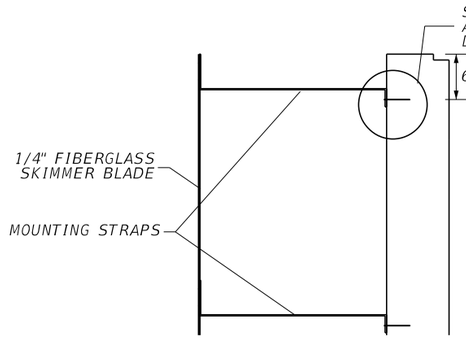
SECTION B-B
NTS



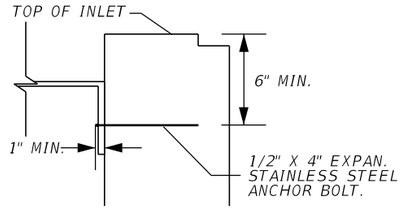
WEIR DETAIL
NTS

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"
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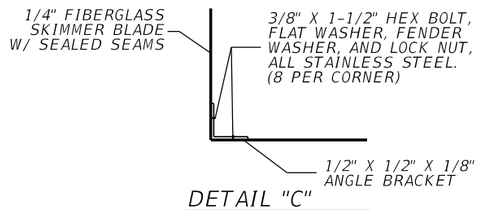
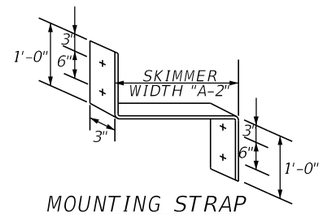


DETAIL "C"
NTS



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.

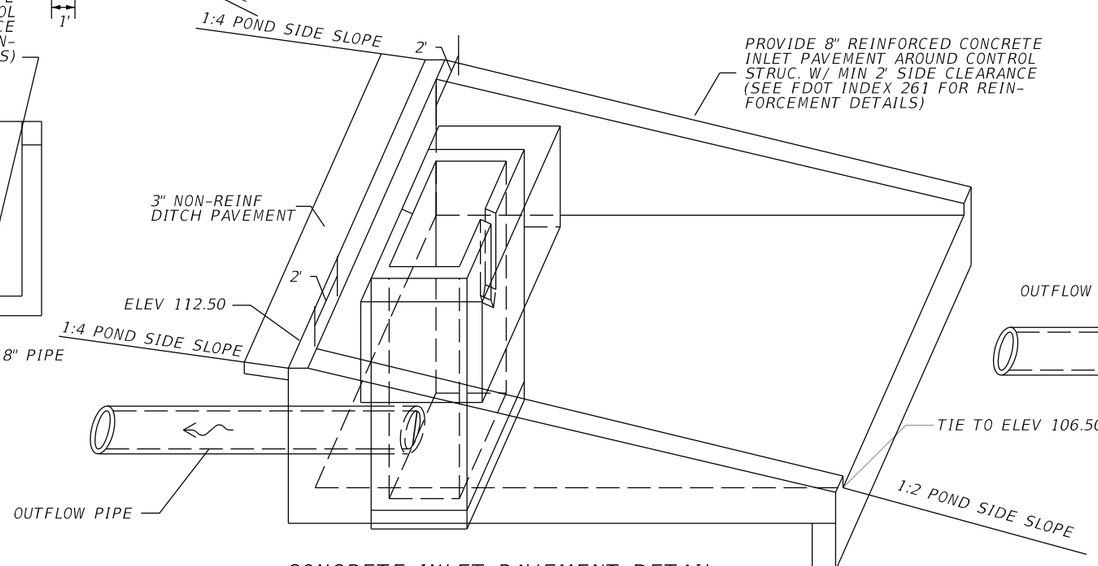
2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

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.

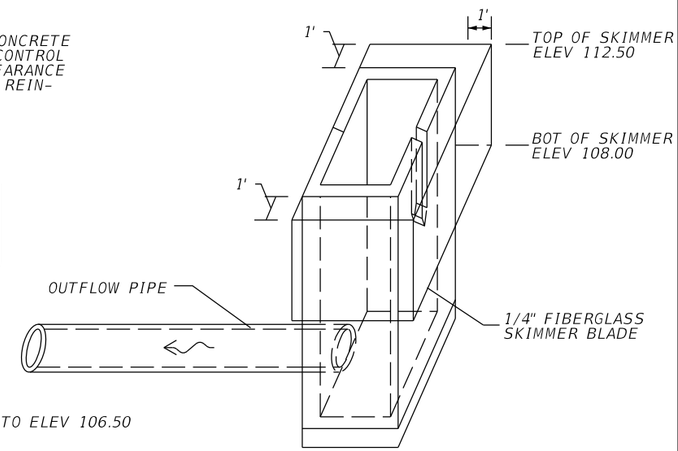
4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

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

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REVISIONS			
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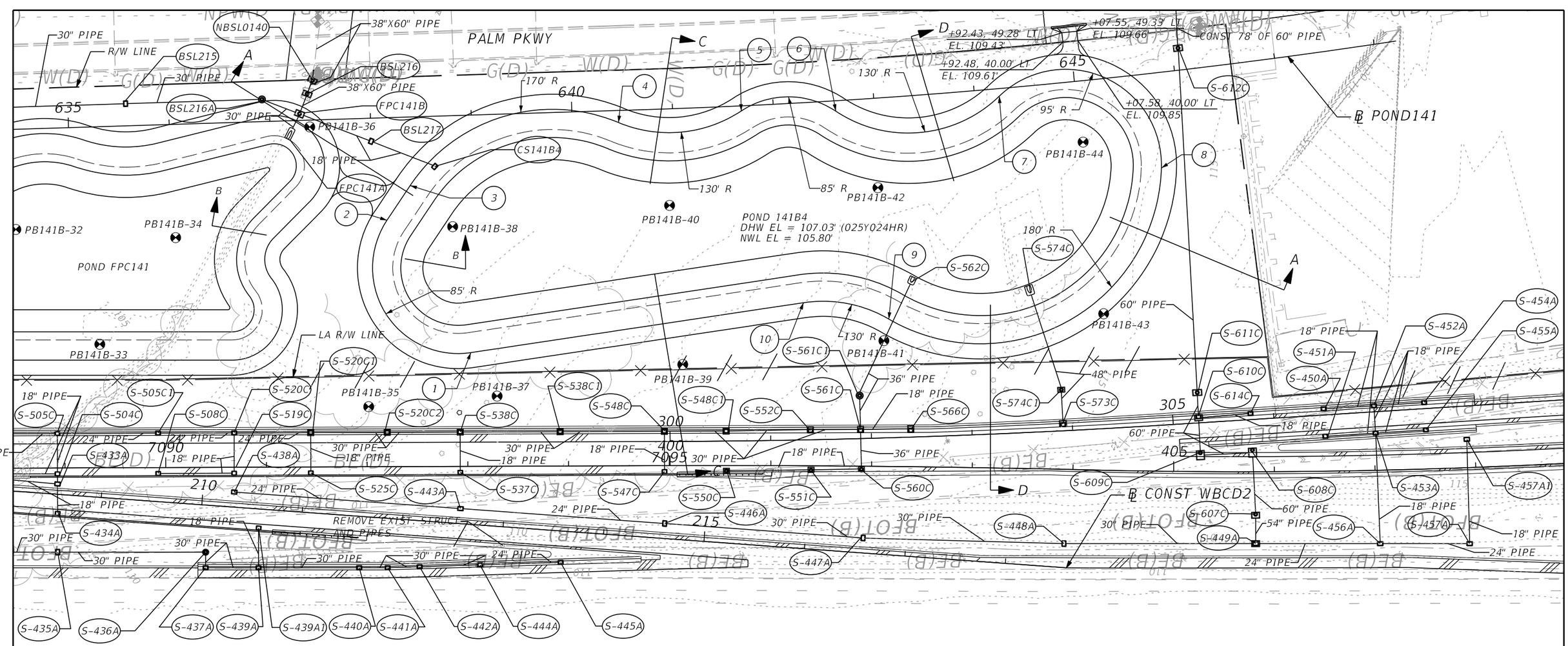
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

CONTROL STRUCTURE DETAIL POND 141B3

SHEET NO. 347



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+76.77	70.43	RT
9	643+07.08	224.66	RT
10	642+19.39	198.15	RT

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 MAINTENANCE BERM IS 30 FEET UNLESS OTHERWISE NOTED. 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.

N

0 20 100
Feet

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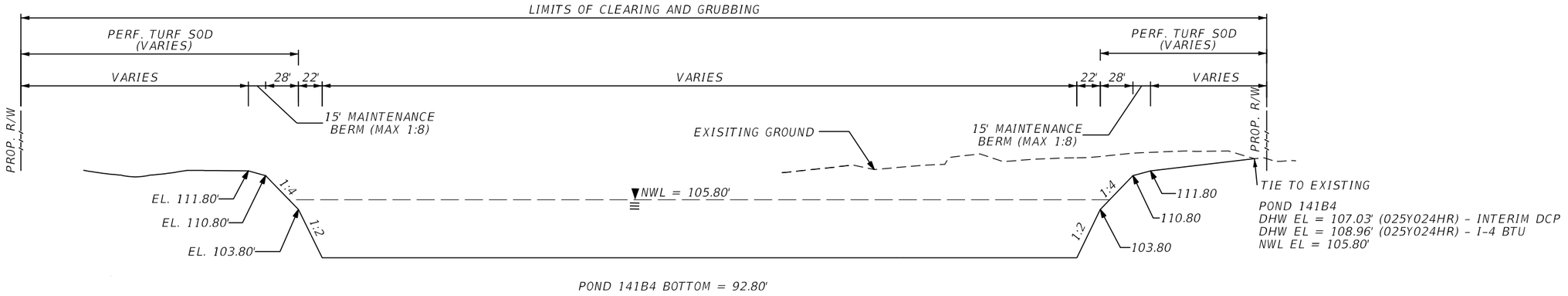
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

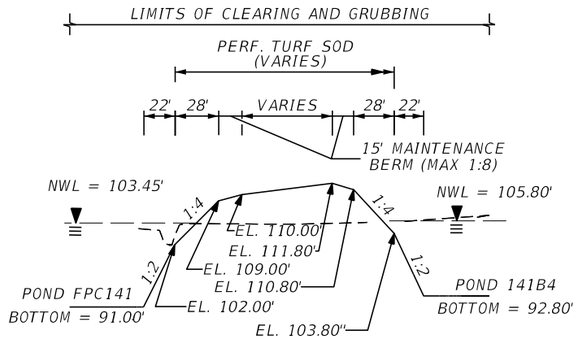
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND DETAIL
POND 141B4

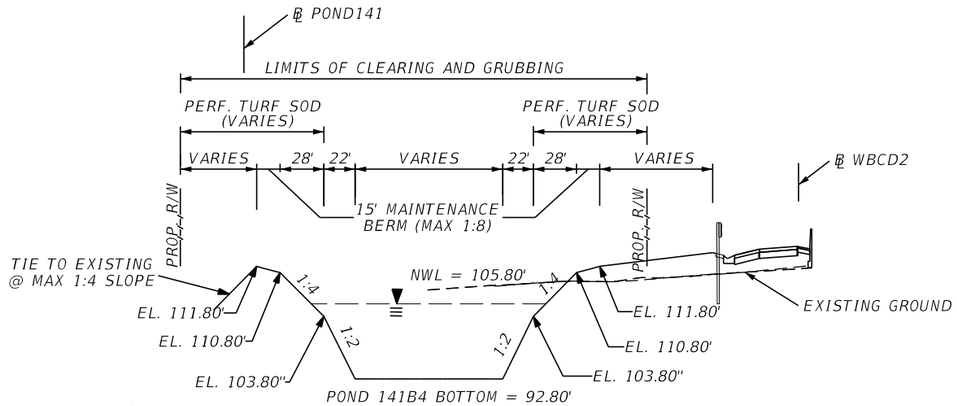
SHEET NO. 348



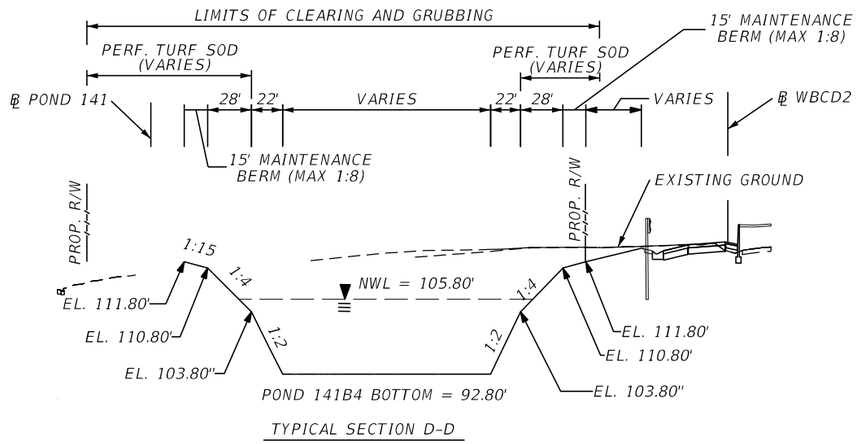
TYPICAL SECTION A-A
NTS



TYPICAL SECTION B-B
NTS



TYPICAL SECTION C-C
NTS



TYPICAL SECTION D-D
NTS

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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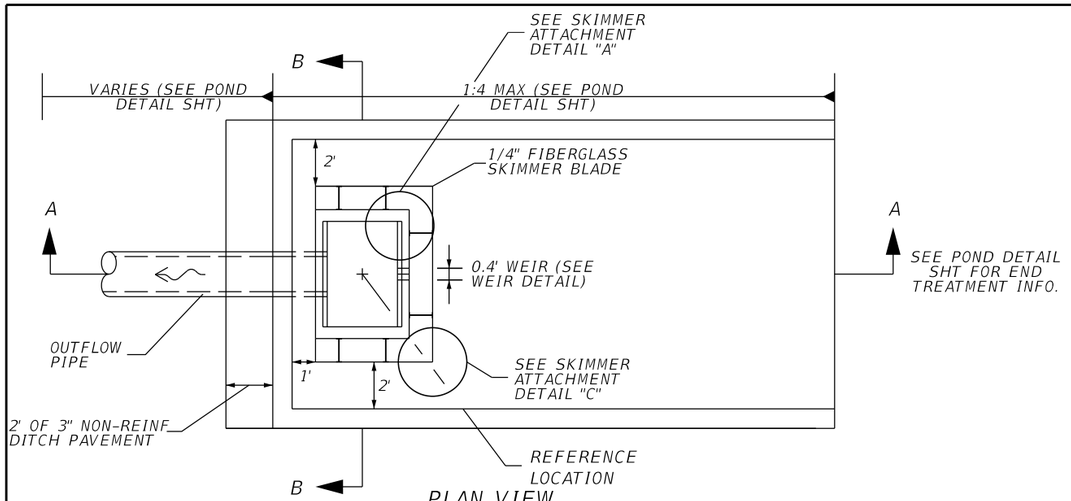
150 N. Orange Avenue, Suite 200
Orlando, FL. 32801
T 407.843.6552 F 407.839.1789
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

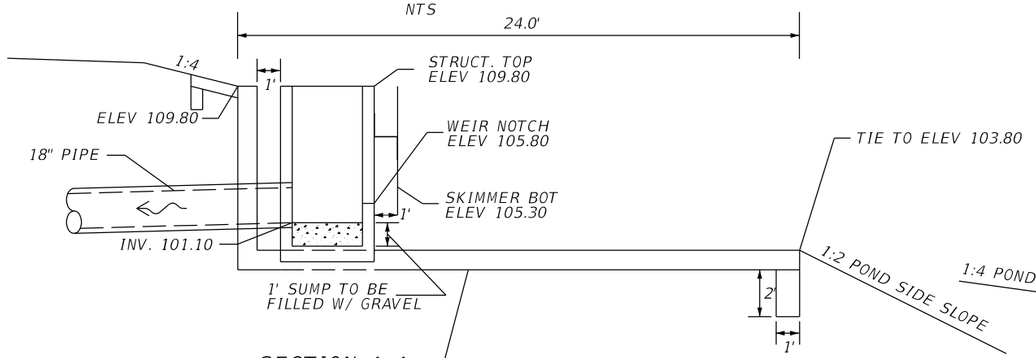
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND TYPICAL SECTIONS
POND 141 B4

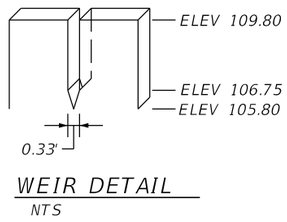
SHEET NO.
349



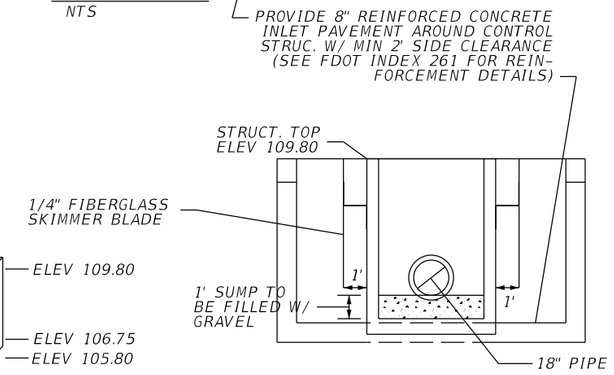
PLAN VIEW
NTS



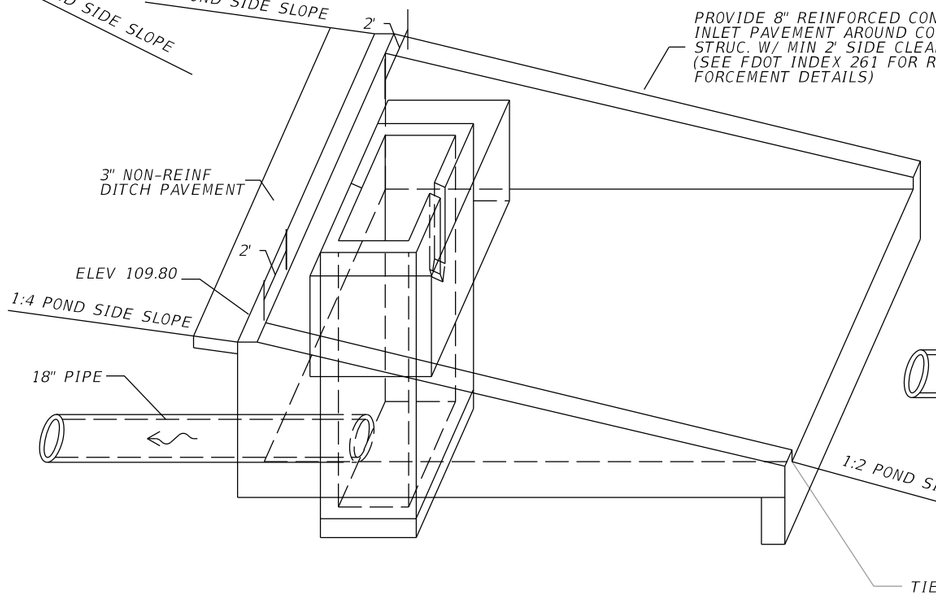
SECTION A-A
NTS



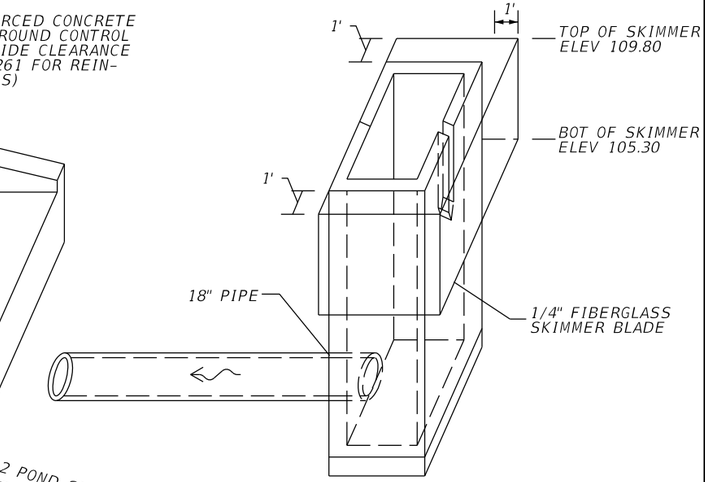
WEIR DETAIL
NTS



SECTION B-B
NTS

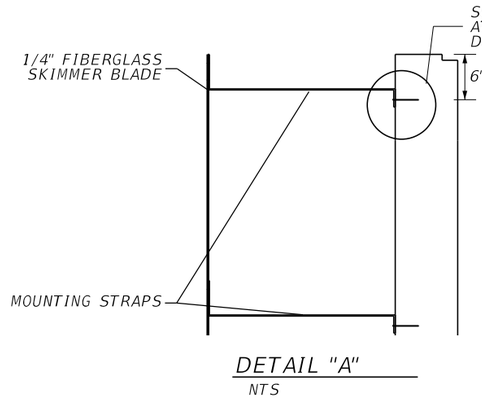


CONCRETE INLET PAVEMENT DETAIL
NTS



SKIMMER DETAIL
NTS

SKIMMER ATTACHMENT DETAILS



DETAIL "A"
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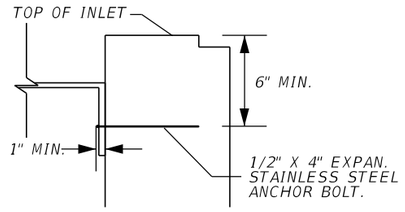
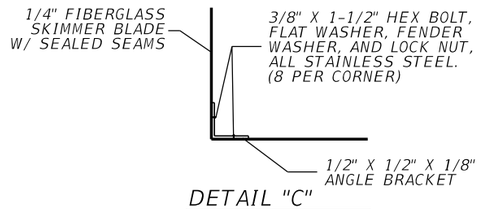
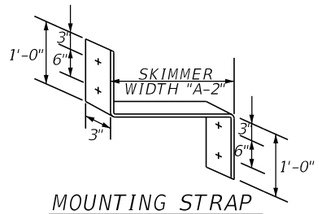


DETAIL "B"
NTS



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.

CONTROL STRUCTURE CS141B4
CONST MODIFIED TYPE E DBI
@ POND141, STA 638+62.23, 49.95' RT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Tuy Duong, P.E.
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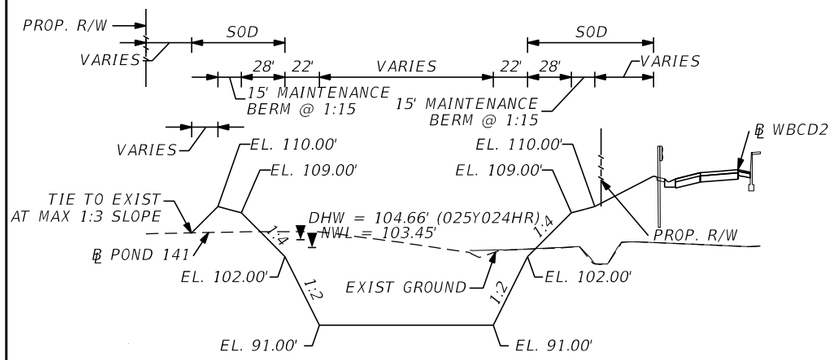
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

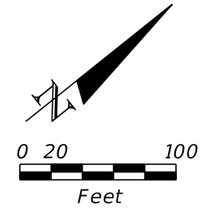
CONTROL STRUCTURE DETAIL POND 141B4

SHEET NO. 350



POND FPC141 SECTION B-B

NTS



LEGEND

DHW = DESIGN HIGH WATER
NWL = NORMAL WATER LEVEL
⊗ = APPROXIMATE BORING LOCATION

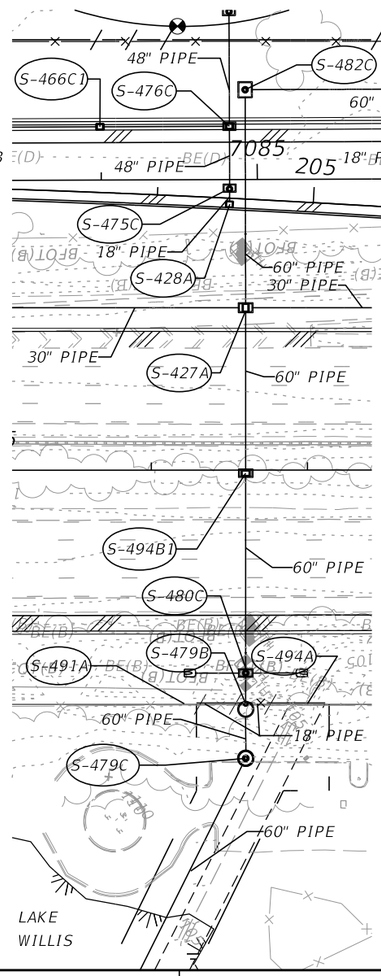
NOTES:

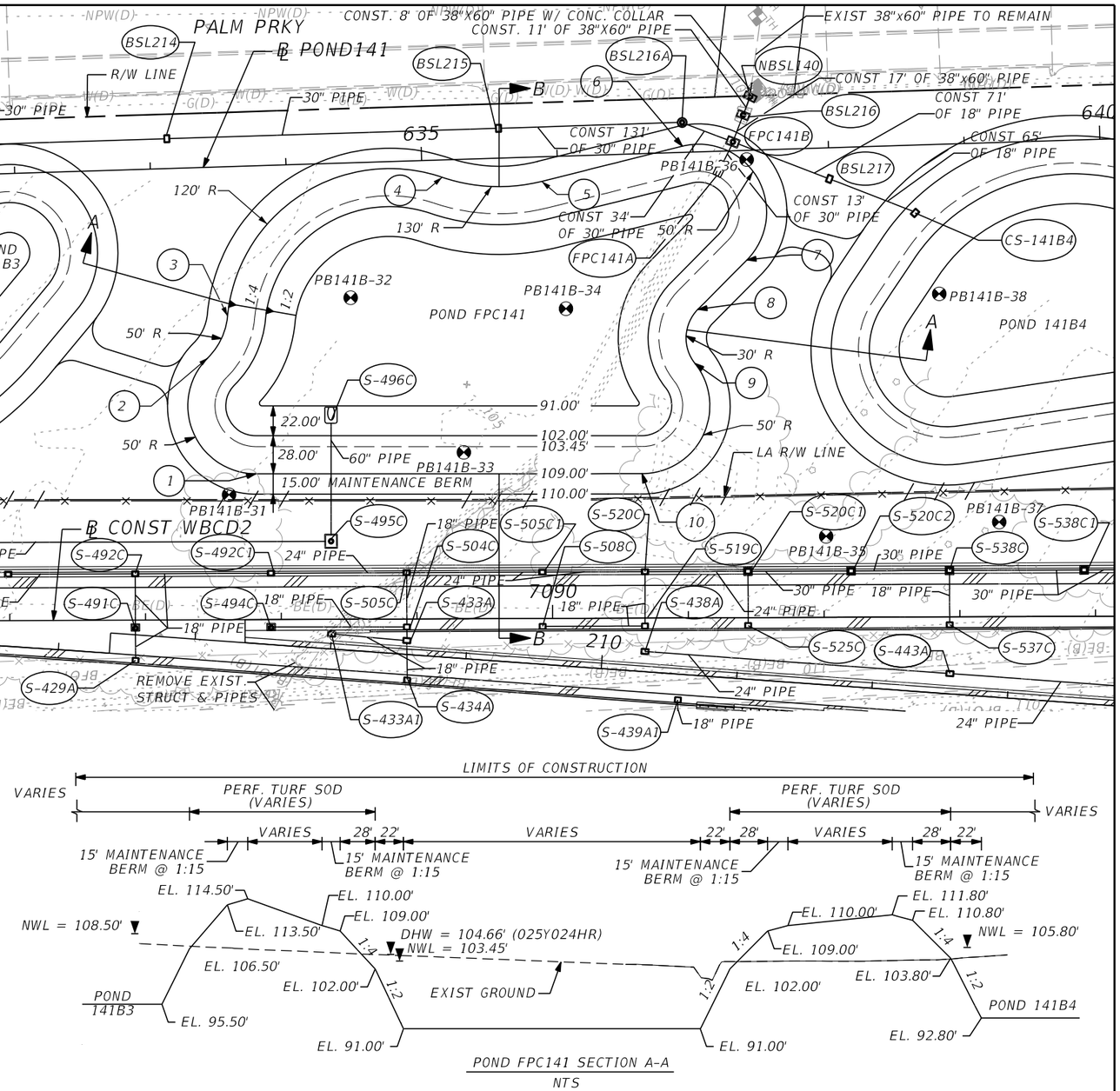
1. MAINTENANCE ACCESS AND MAINTENANCE BERM SHALL BE SOD ON 12" OF TYPE B STABILIZATION.

2. MINIMUM RADIUS AT INSIDE TOP OF MAINTENANCE BERM IS 30 FEET UNLESS OTHERWISE NOTED. 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 SKIMMER INFORMATION.

POND FPC141
WET DETENTION POND
NWL = 103.45' (DESIGNED SURVEY)
DHW = 104.74' (025Y024HR) - INTERIM DCP
DHW = 104.61' (025Y024HR) - I-4 BTU





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

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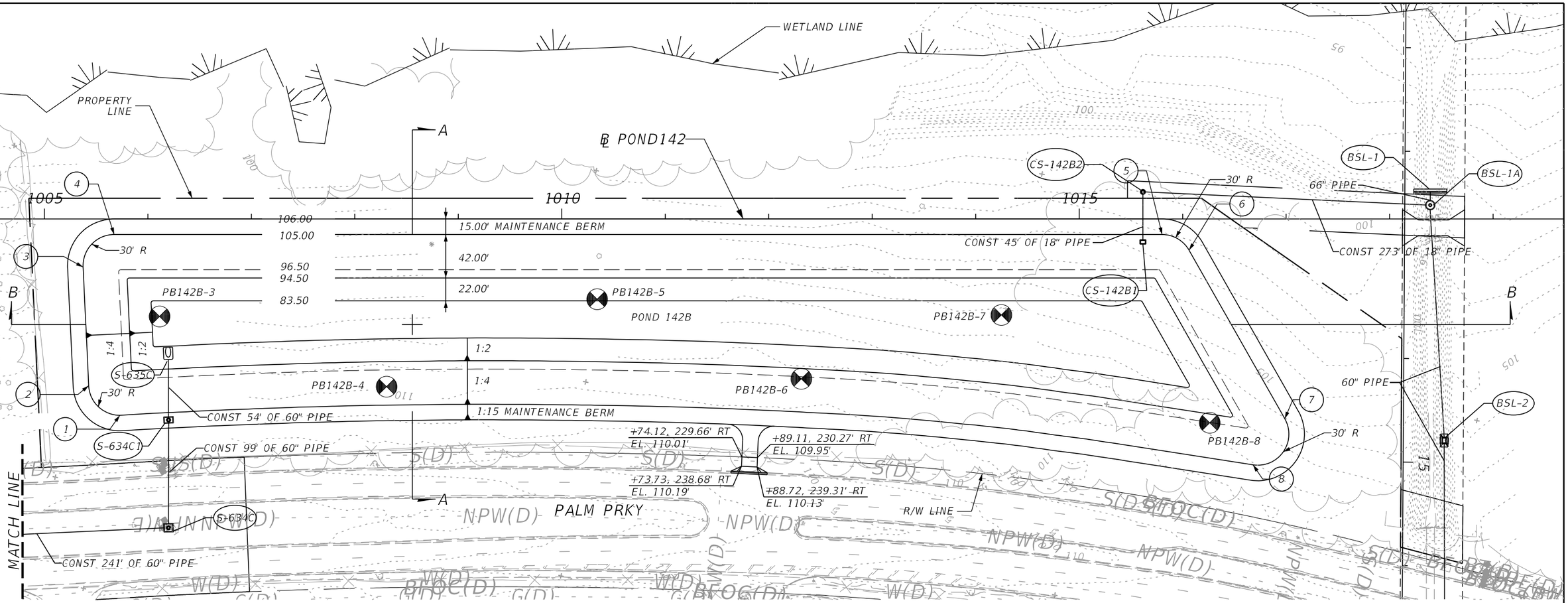
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

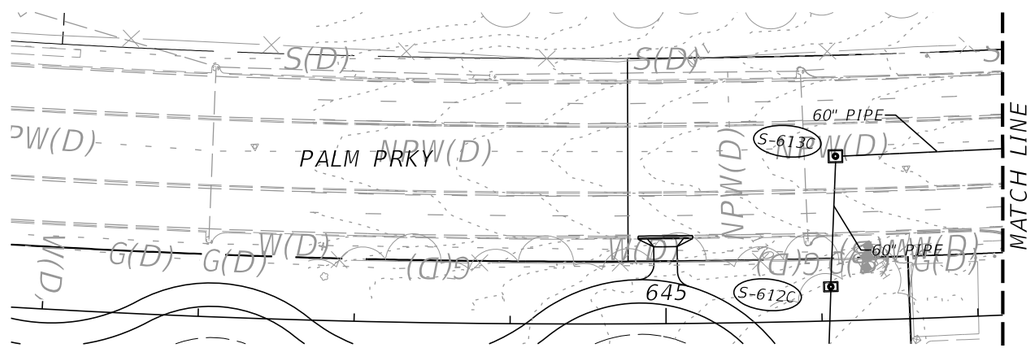
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND DETAIL
POND FPC141

SHEET NO. 351

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.





0 25 100
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 ABOVEAND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUSFOR CURVES BELOW THE INSIDE BERM IS 5 FEET.

3. REFER TO CONTROL STRUCTURE DETAIL SHEET FOR ADDITIONAL CONTROL STRUCTURE AND SKIMMER INFORMATION.

POND 142B
WET DETENTION POND
NWL = 96.50'
DHW EL = 98.93' (025Y024HR) - INTERIM DCP
DHW EL = 100.62' (025Y024HR) - I-4 BTU

POND 142B

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

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DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

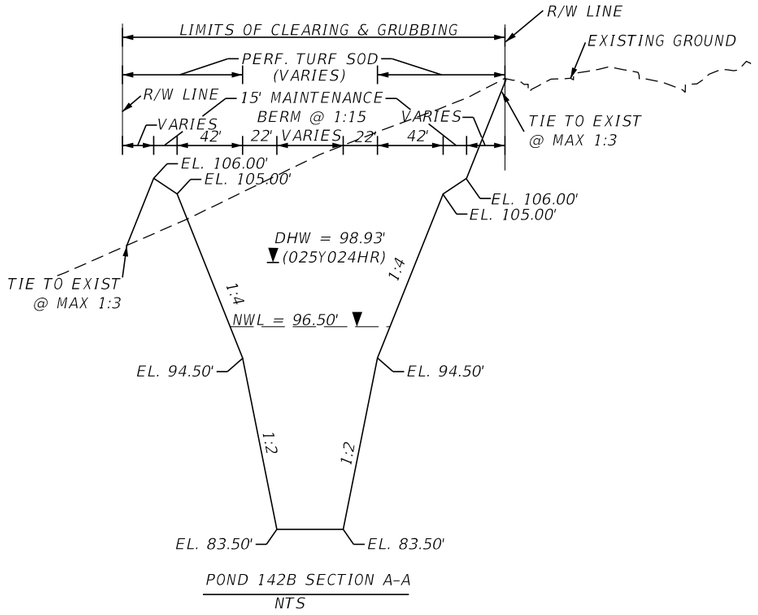
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND DETAIL
POND 142B

SHEET NO. 352

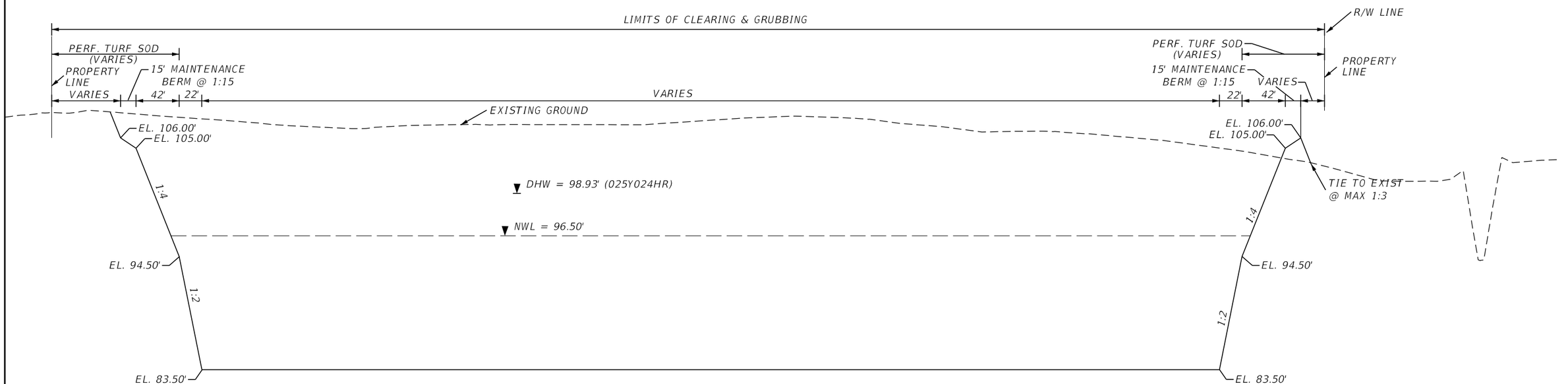
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

glen.dvorovy 5/6/2020 5:03:35 PM c:\pwworking\aecom_na\glen.dvorovy\d0164799\DRDTRD01_POND142B_A.DGN



POND 142B SECTION A-A

NTS



POND 142B SECTION B-B

NTS

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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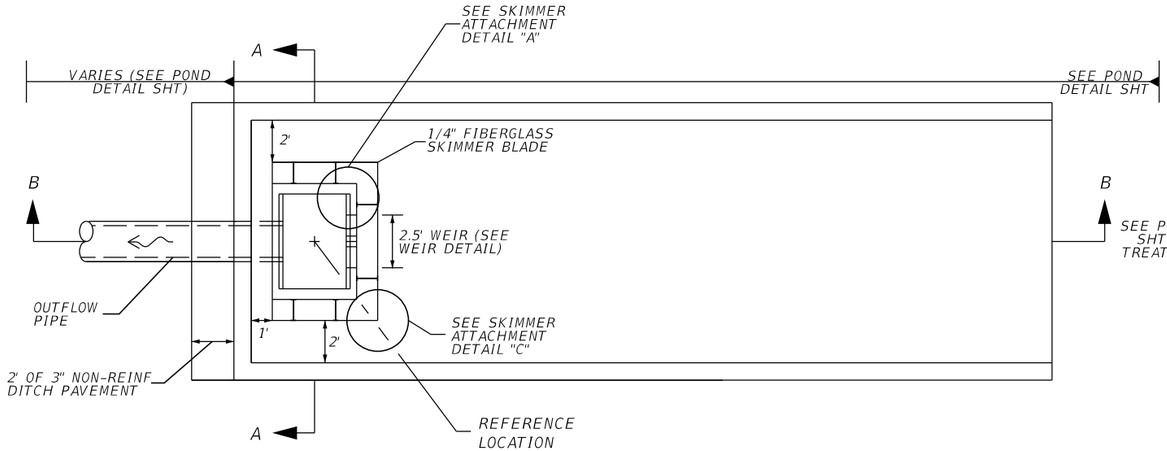
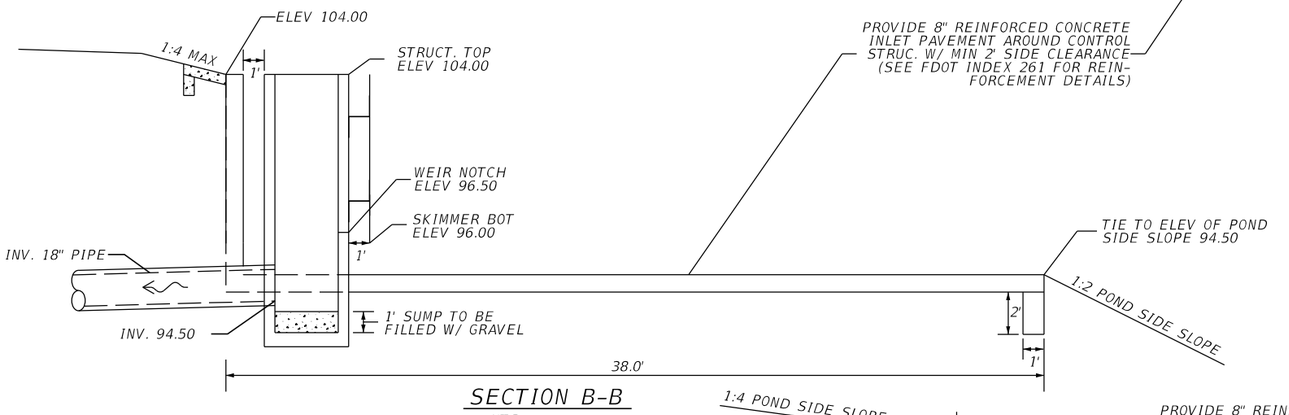
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

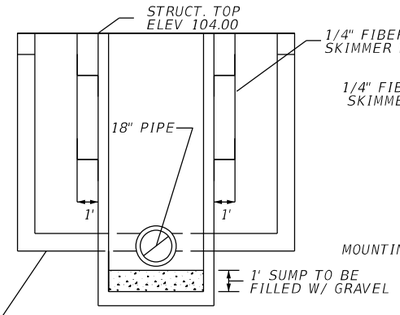
POND TYPICAL SECTIONS
POND 142B

SHEET NO. 353

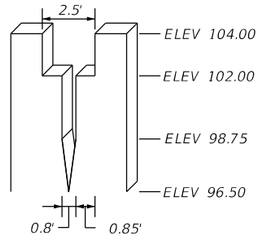




SECTION B-B
NTS

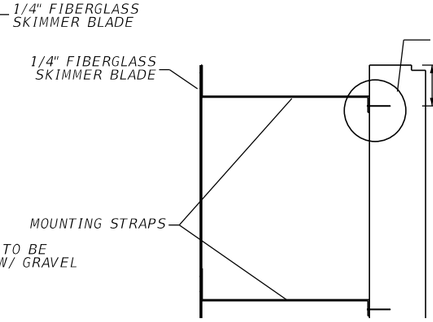


SECTION A-A
NTS



WEIR DETAIL
NTS

SKIMMER ATTACHMENT DETAILS



DETAIL "A"
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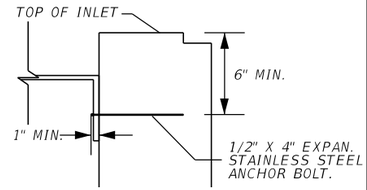

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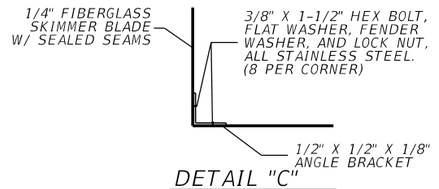

DETAIL "C"
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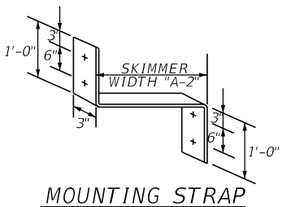


MOUNTING STRAP
NTS

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.

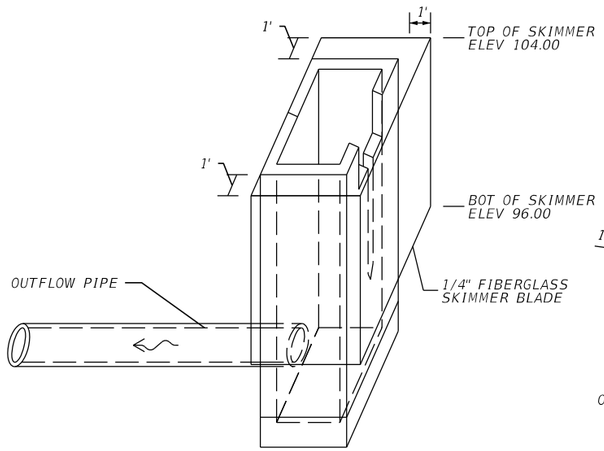
2. THE COST OF THE FIBERGLASS SKIMMERS WITH ASSOCIATED HARDWARE, CLASS I MISC. CONCRETE, AND FITTINGS SHALL BE INCLUDED IN THE COST OF THE MODIFIED INLETS.

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.

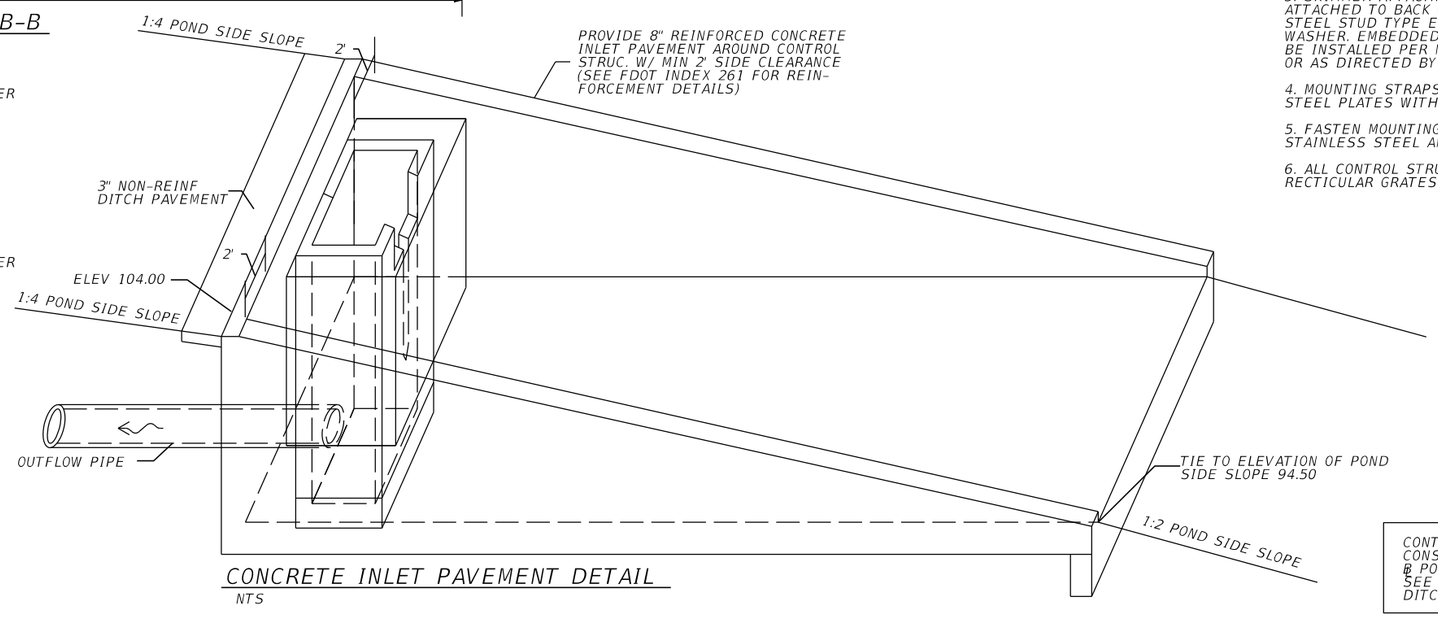
4. MOUNTING STRAPS SHALL BE 1/4" THICK BENT STAINLESS STEEL PLATES WITH DRILLED HOLES.

5. FASTEN MOUNTING STRAP IN WITH 1/2" X 4" EXPAN. STAINLESS STEEL ANCHOR BOLT.

6. ALL CONTROL STRUCTURES SHALL HAVE STEEL RECTICULAR GRATES.



SKIMMER DETAIL
NTS



CONCRETE INLET PAVEMENT DETAIL
NTS

CONTROL STRUCTURE CS142B1
CONST MODIFIED TYPE E DBI
@ POND142, STA 1015+61.62, 22.16' RT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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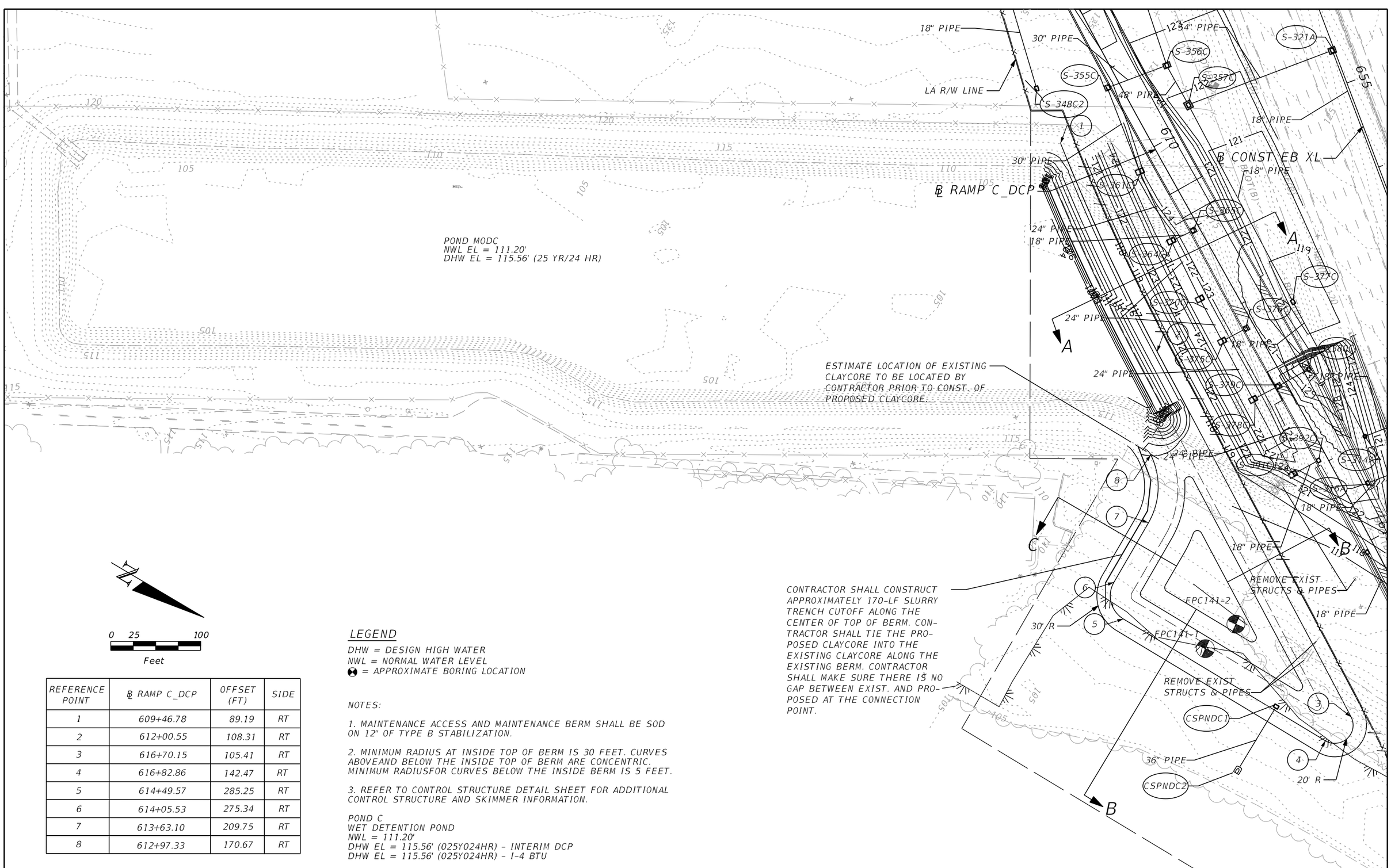
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

CONTROL STRUCTURE DETAIL POND 142B

SHEET NO. 354

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



0 25 100

Feet

REFERENCE POINT	℄ RAMP C_DCP	OFFSET (FT)	SIDE
1	609+46.78	89.19	RT
2	612+00.55	108.31	RT
3	616+70.15	105.41	RT
4	616+82.86	142.47	RT
5	614+49.57	285.25	RT
6	614+05.53	275.34	RT
7	613+63.10	209.75	RT
8	612+97.33	170.67	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 ABOVEAND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUSFOR 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 = 115.56' (025Y024HR) - INTERIM DCP
DHW EL = 115.56' (025Y024HR) - I-4 BTU

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Tuy Duong, P.E.
P.E. License No. 66461
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

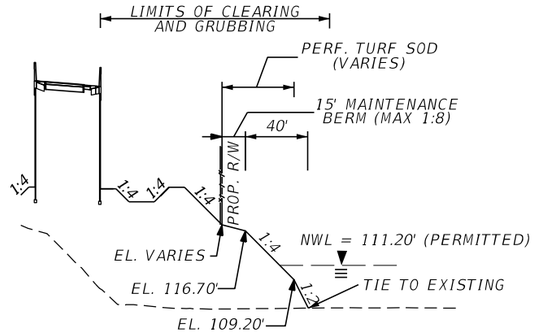
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND DETAIL
POND C

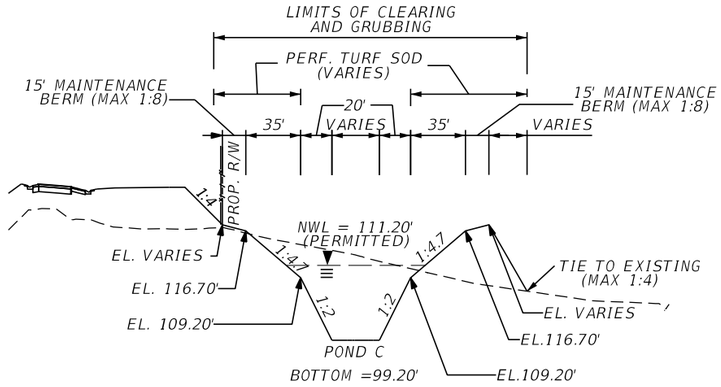
SHEET NO. 355

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

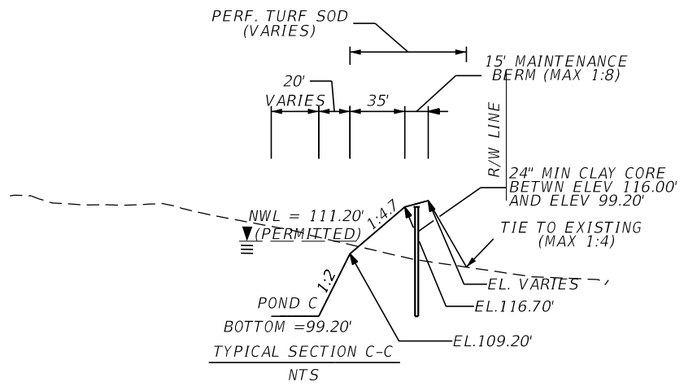
glen.dvorovy 5/6/2020 5:03:51 PM c:\pwworking\aecom_na\glen.dvorovy\d0164799\DRDTRD01_PONDC_A.DGN



TYPICAL SECTION A-A
NTS



TYPICAL SECTION B-B
NTS



TYPICAL SECTION C-C
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 ABOVEAND BELOW THE INSIDE TOP OF BERM ARE CONCENTRIC. MINIMUM RADIUSFOR 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 =
DHW EL = 115.56' (025Y024HR) - INTERIM DCP
DHW EL = 115.56' (025Y024HR) - I-4 BTU

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND TYPICAL SECTIONS
POND C

SHEET NO. 356

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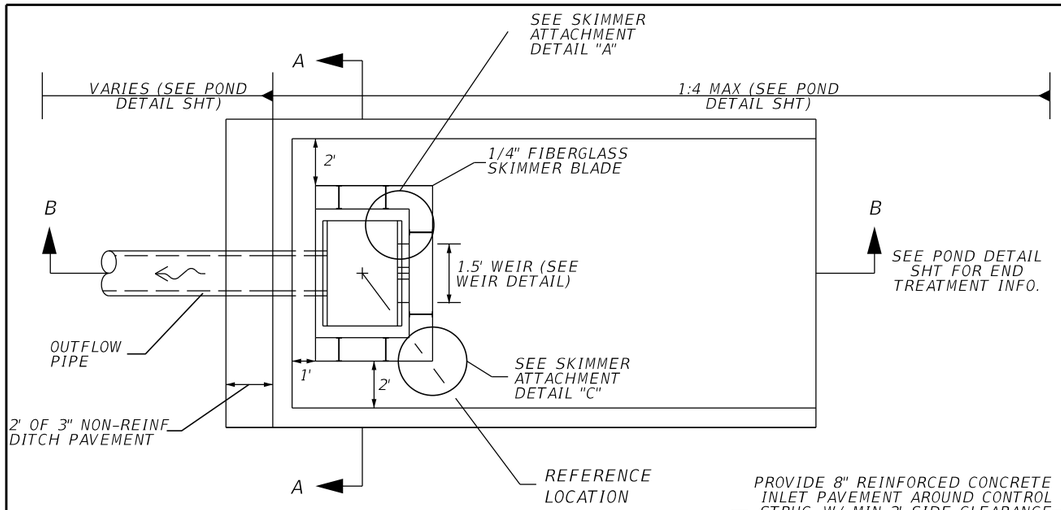
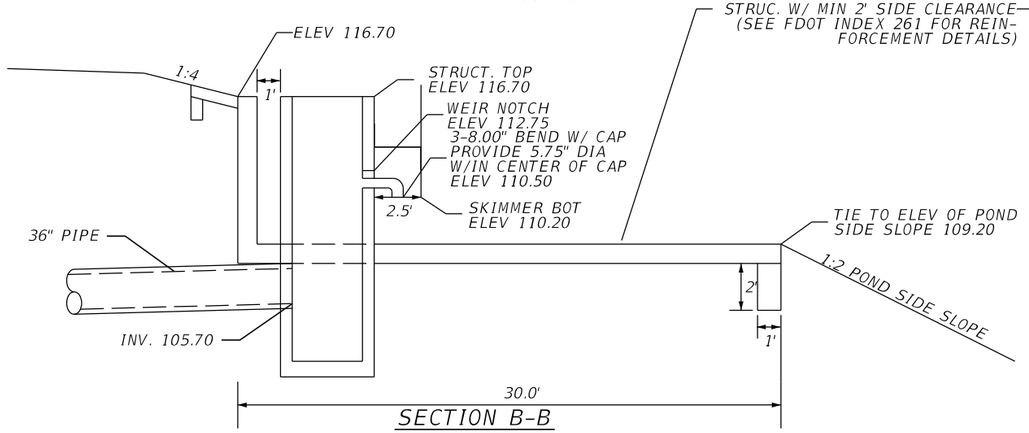
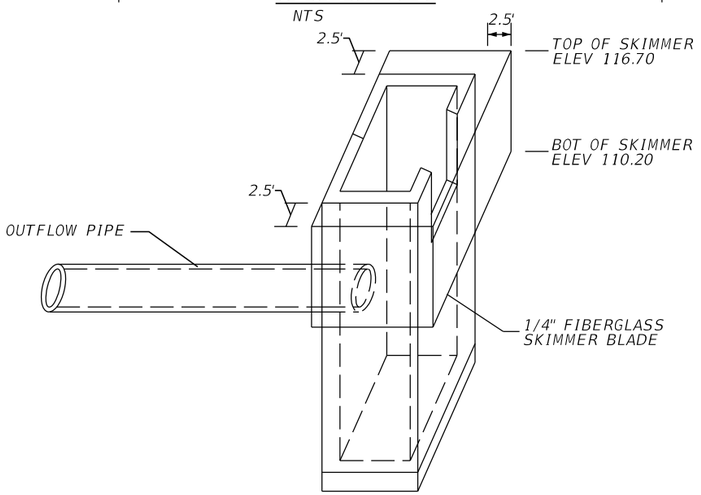
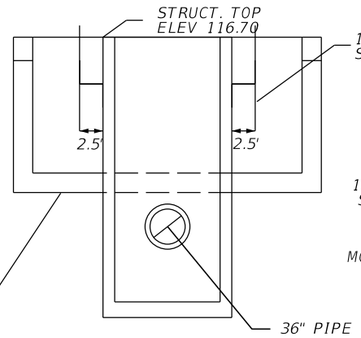




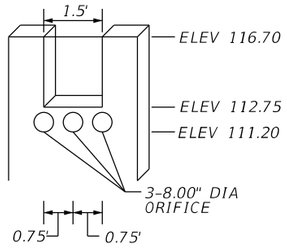
SECTION B-B
NTS



SKIMMER DETAIL
NTS



SECTION A-A
NTS



WEIR DETAIL
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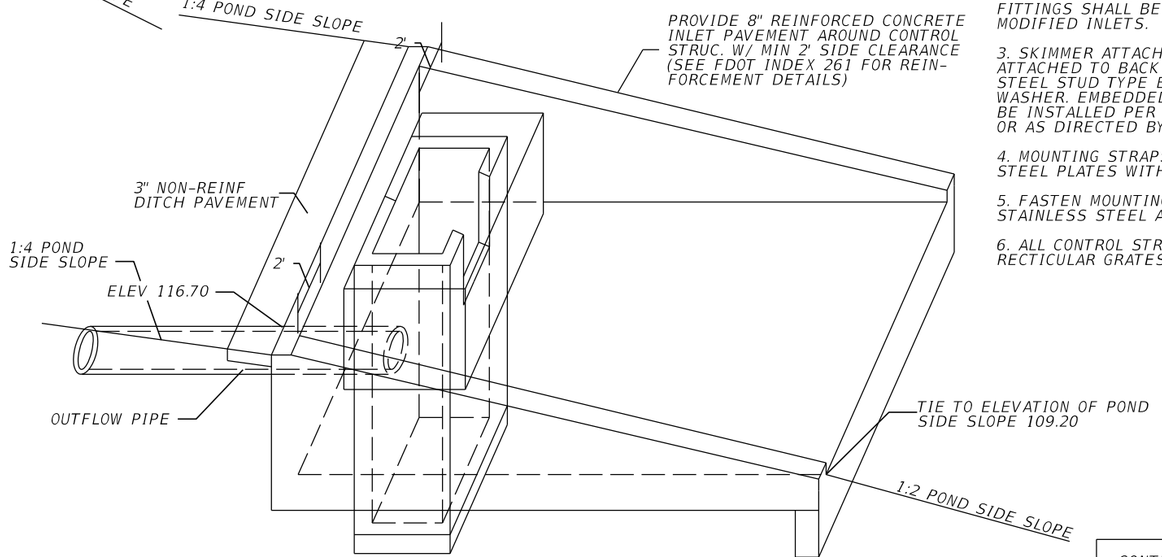
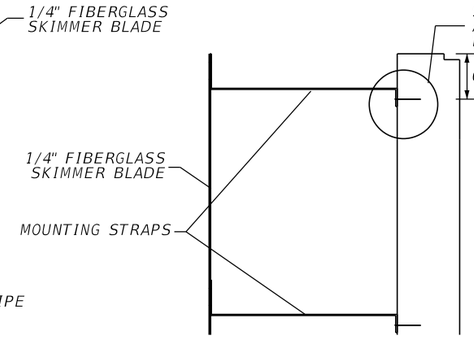


CONCRETE INLET PAVEMENT DETAIL
NTS

SKIMMER ATTACHMENT DETAILS



DETAIL "A"
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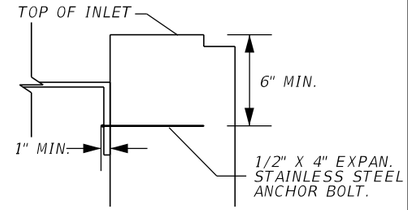

DETAIL "B"
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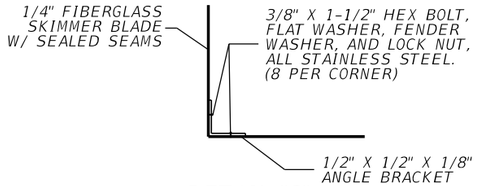
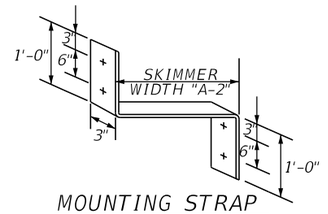


DETAIL "C"
NTS



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.

CONTROL STRUCTURE CSPNDC1
CONST MODIFIED TYPE E DBI
@ RAMP IC DCP, STA 616+17.51, 178.97' RT
SEE STRUCTURE, WEIR, SKIMMER, DITCH PAVEMENT DETAILS

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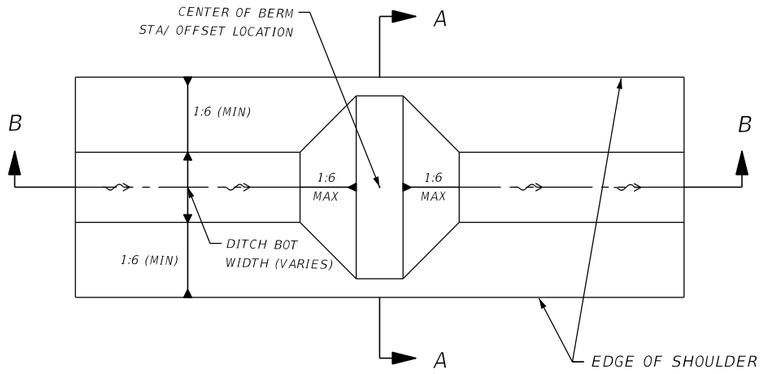
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

CONTROL STRUCTURE DETAIL POND C

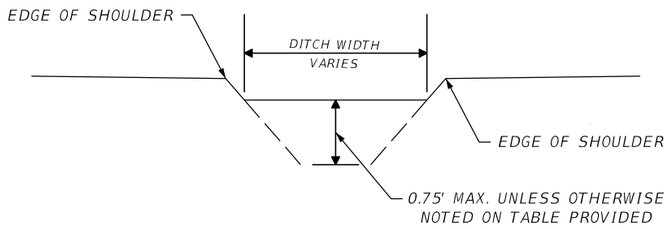
SHEET NO. 357

REFERENCE POINT	℄ CONST SR 400	OFFSET (FT)	SIDE	DEPTH
1	571+86.00 R4	2.04	RT	---
2	575+01.23 R4	0.00	RT	---
3	582+13.00 R4	0.49	RT	---
4	629+67.53 R4	0.00	RT	---
5	632+65.81 R4	0.00	RT	---
	℄ IC-DCP			
6	607+54.66	54.52	RT	1'
7	608+81.27	83.65	RT	1'



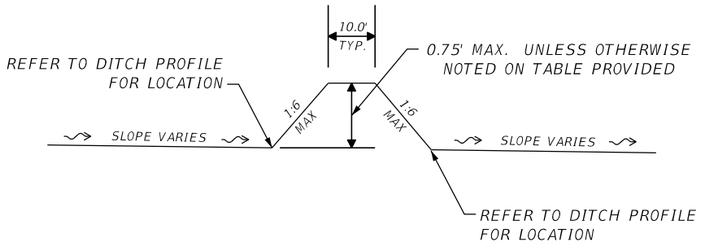
TYPICAL DITCH BLOCK DETAIL

NTS



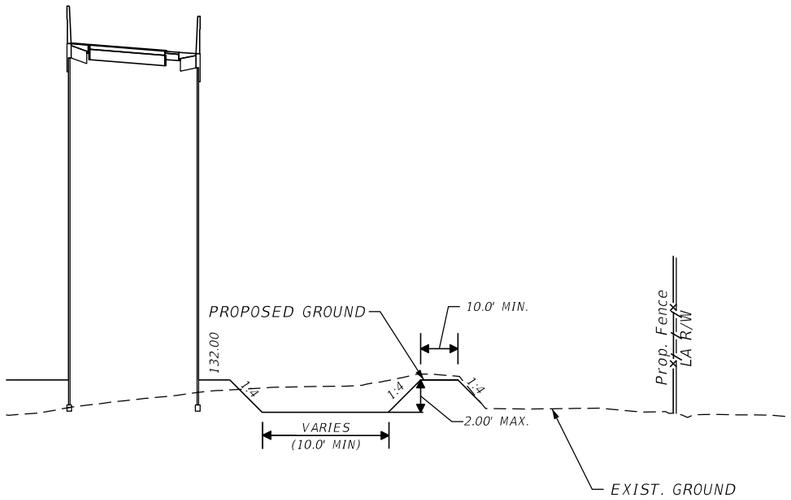
SECTION A-A DITCH BLOCK DETAIL

NTS



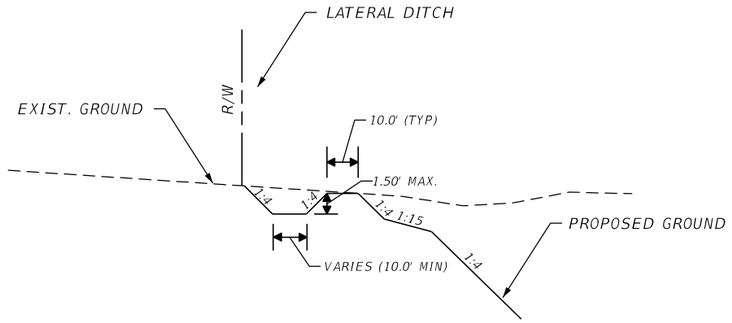
SECTION B-B DITCH BLOCK DETAIL

NTS



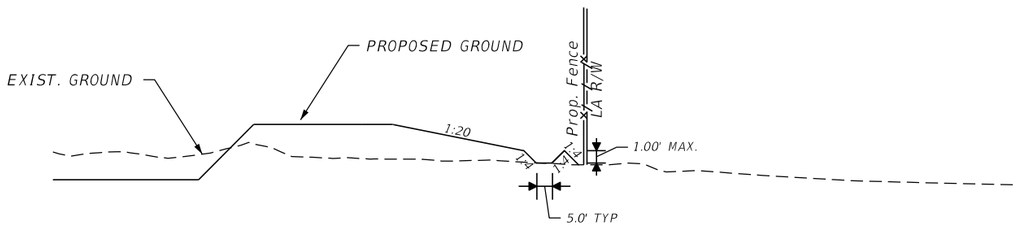
TYPICAL DITCH DETAIL SECTION B-B

NTS



TYPICAL DITCH DETAIL SECTION A-A

NTS



TYPICAL DITCH DETAIL SECTION C-C

NTS

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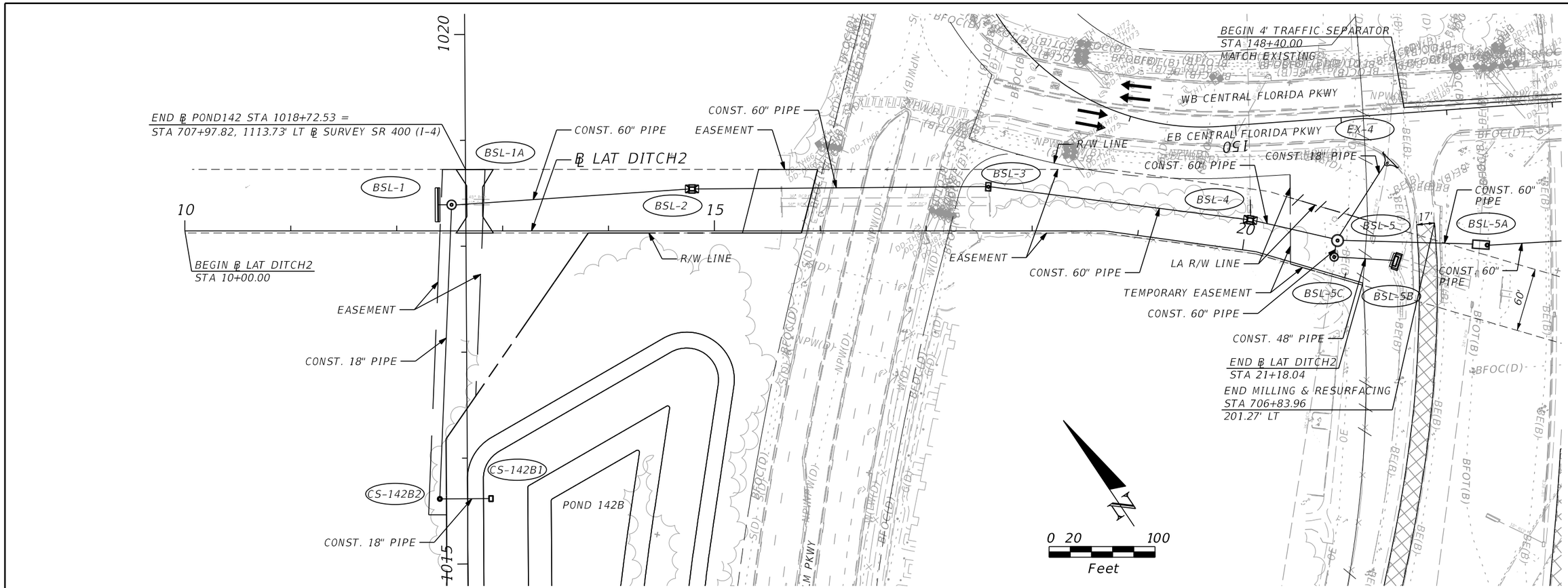
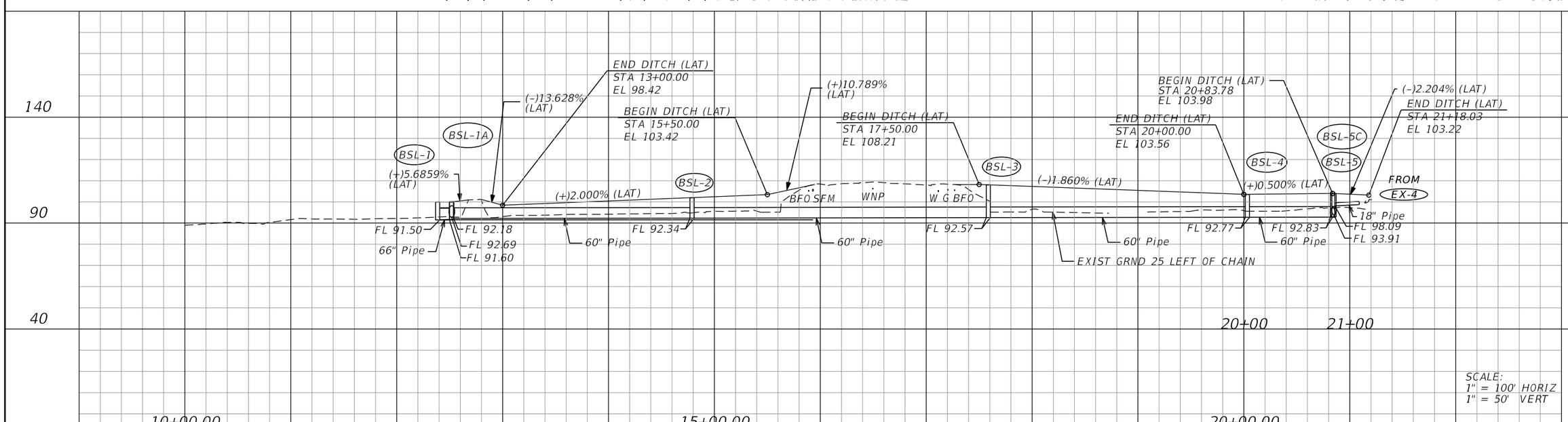
SR 400	ORANGE	441113-1-52-01

MISCELLANEOUS DRAINAGE DETAIL SHEET

SHEET NO. 358





SCALE:
1" = 100' HORIZ
1" = 50' VERT

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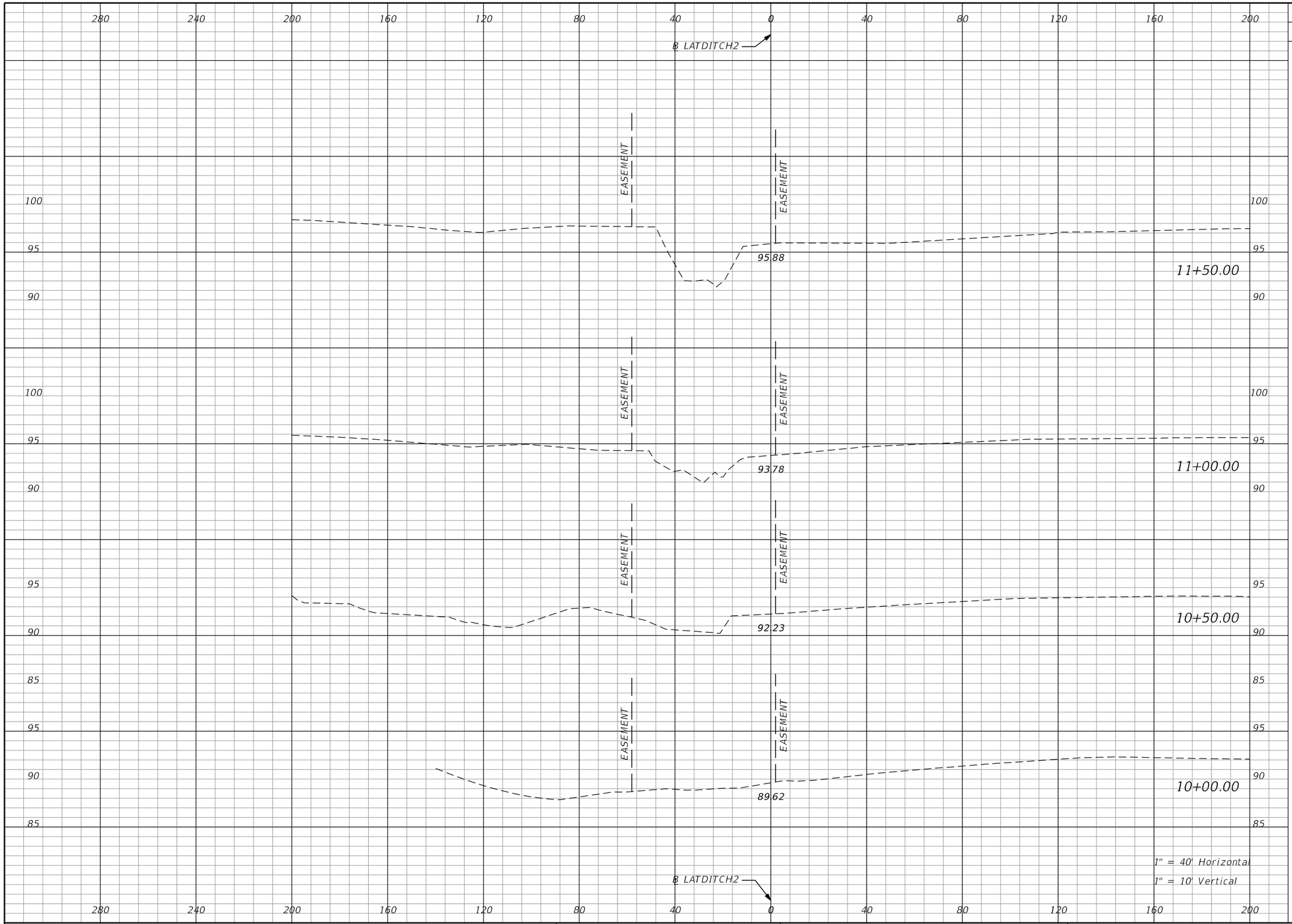
SR400	ORANGE	441113-1-52-01

LATERAL DITCH PLAN & PROFILE

SHEET NO. 359

glen.dvorovy 5/6/2020 5:04:11 PM c:\pwworking\aecom_na\glen.dvorovy\d0164799\LDPRRD01_LATDITCH2.dgn



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

LATERAL DITCH SECTIONS

SHEET NO. 360

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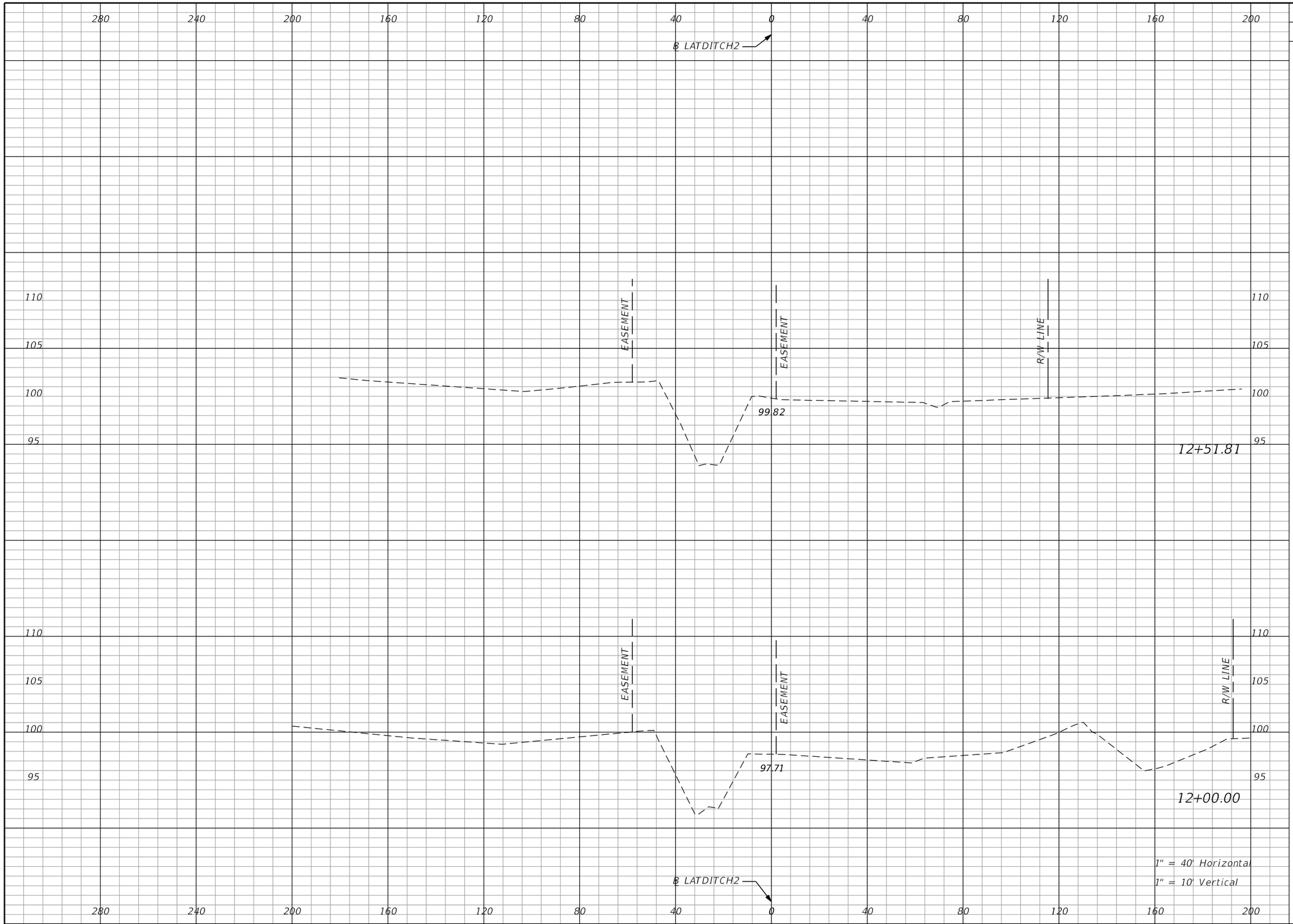

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0

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LATERAL DITCH SECTIONS

SHEET NO. 361

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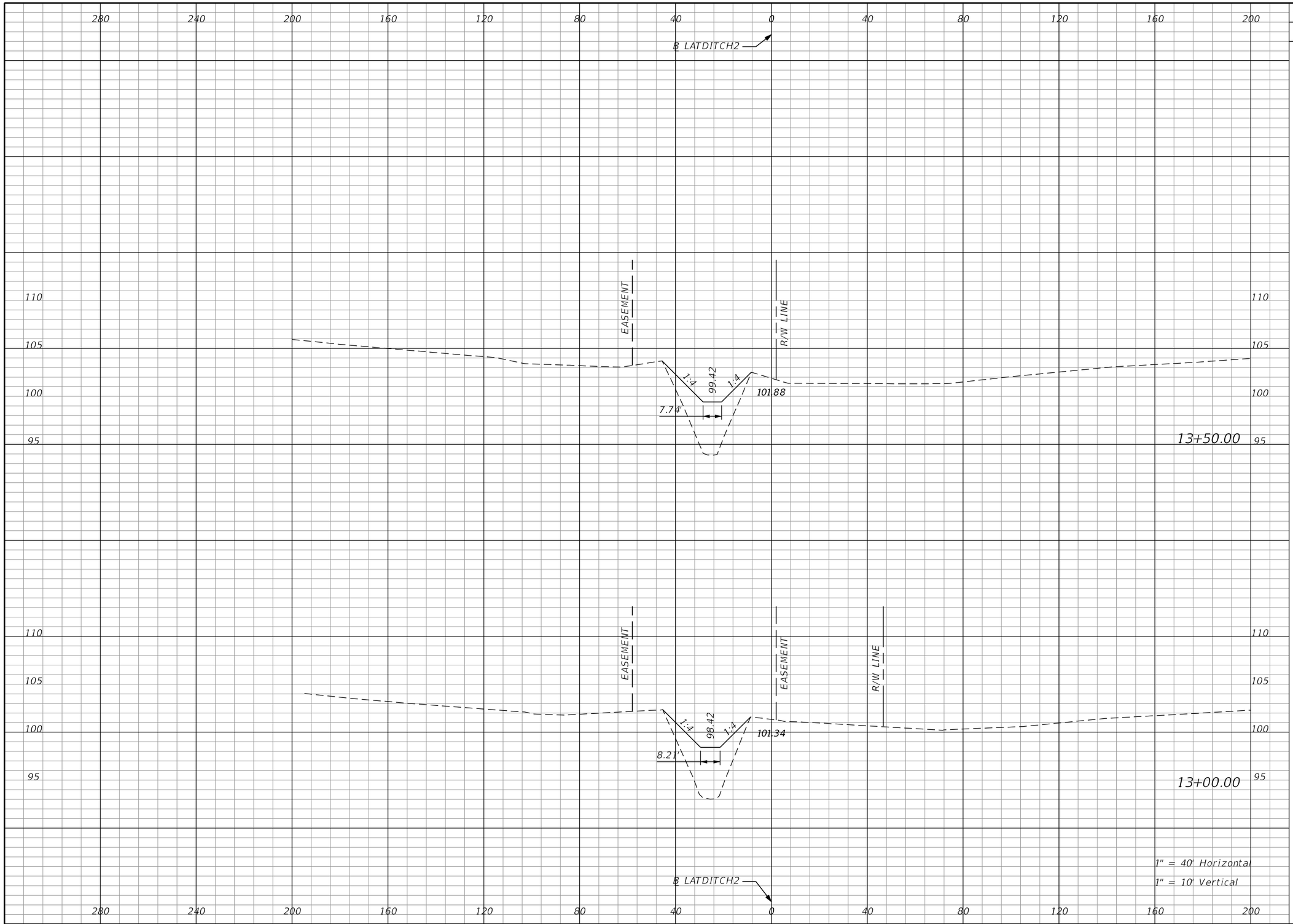

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	0.0	443.8	213.3
0.0	0.0	0.0	0.0	446.7	206.1

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LATERAL DITCH SECTIONS

SHEET NO. 362

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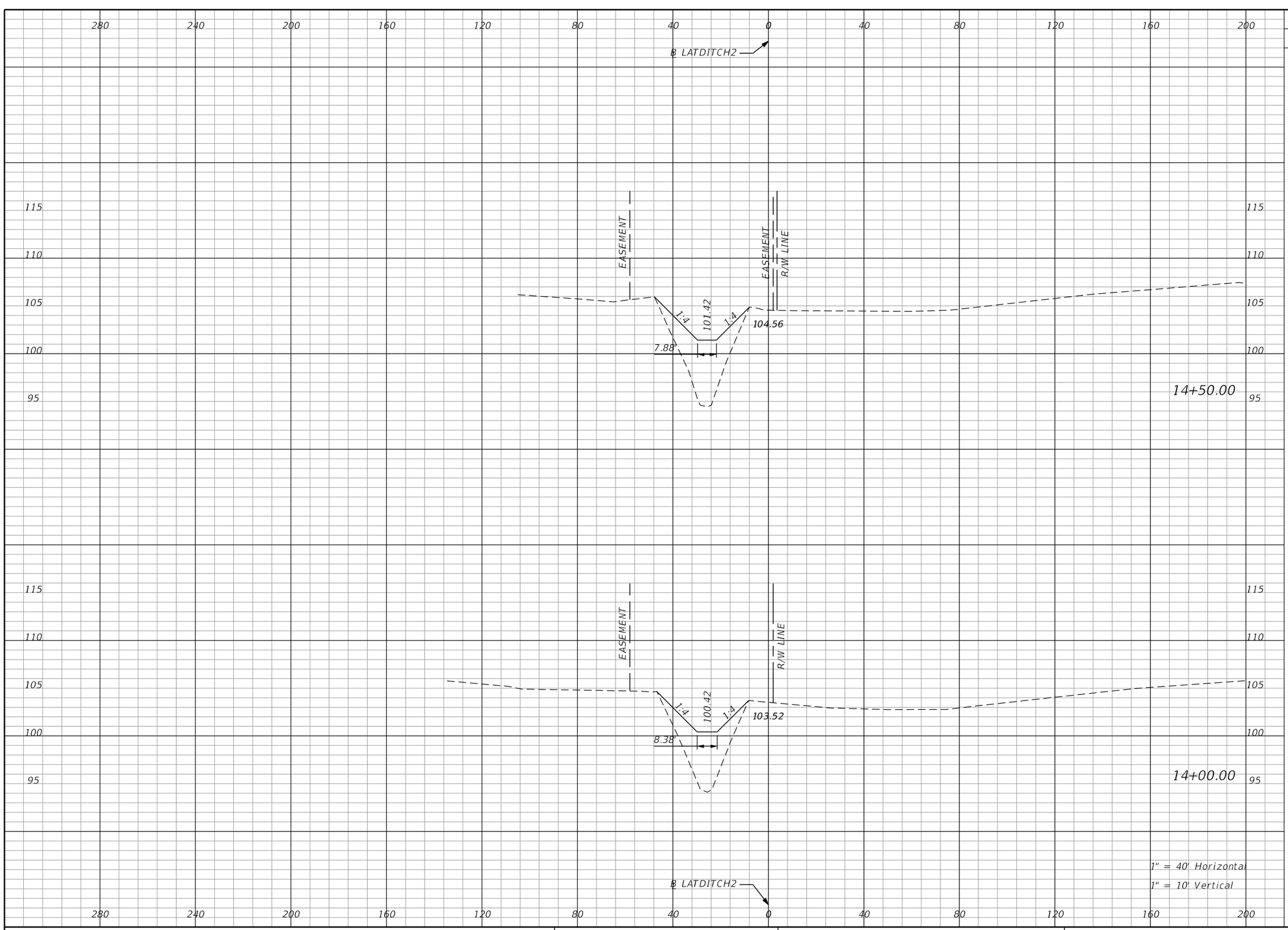

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	0.0	541.9	265.4
0.0	0.0	0.0	0.0	477.8	236.0

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LATERAL DITCH SECTIONS

SHEET NO. 363

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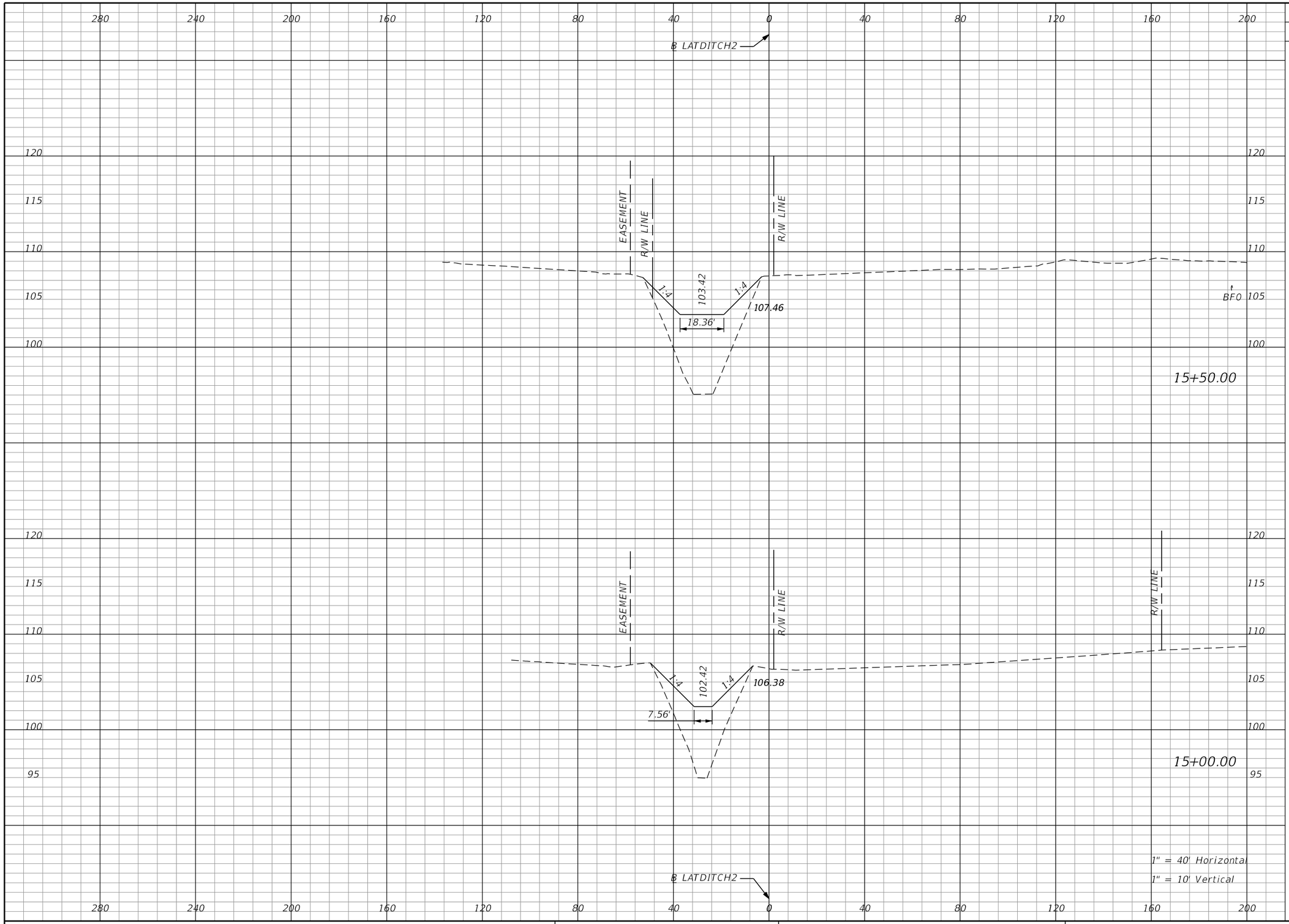

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	0.0	880.6	114.2
0.0	0.0	0.0	0.0	604.7	343.8

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LATERAL DITCH SECTIONS

SHEET NO. 364

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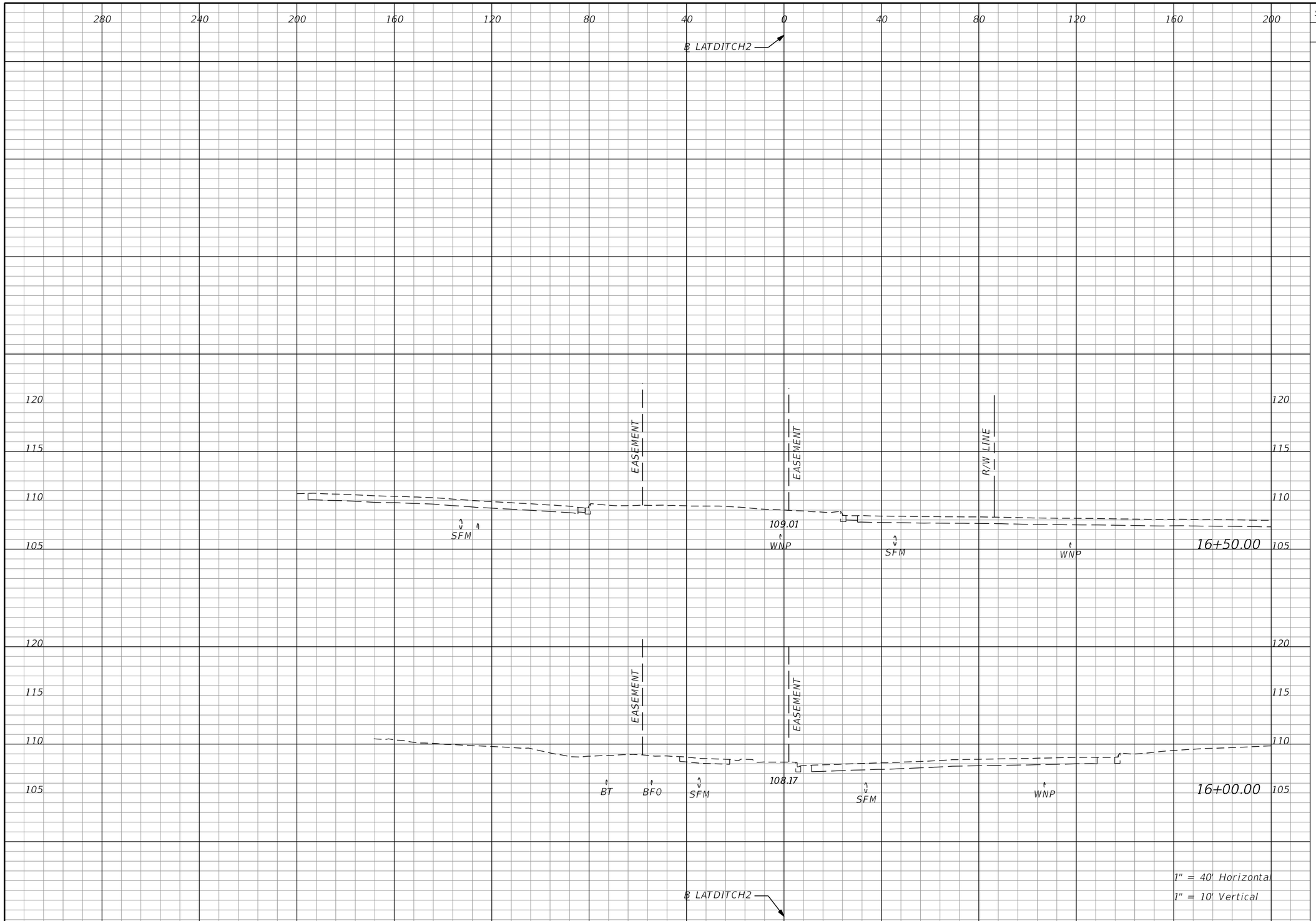

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0

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LATERAL DITCH SECTIONS

SHEET NO. 365

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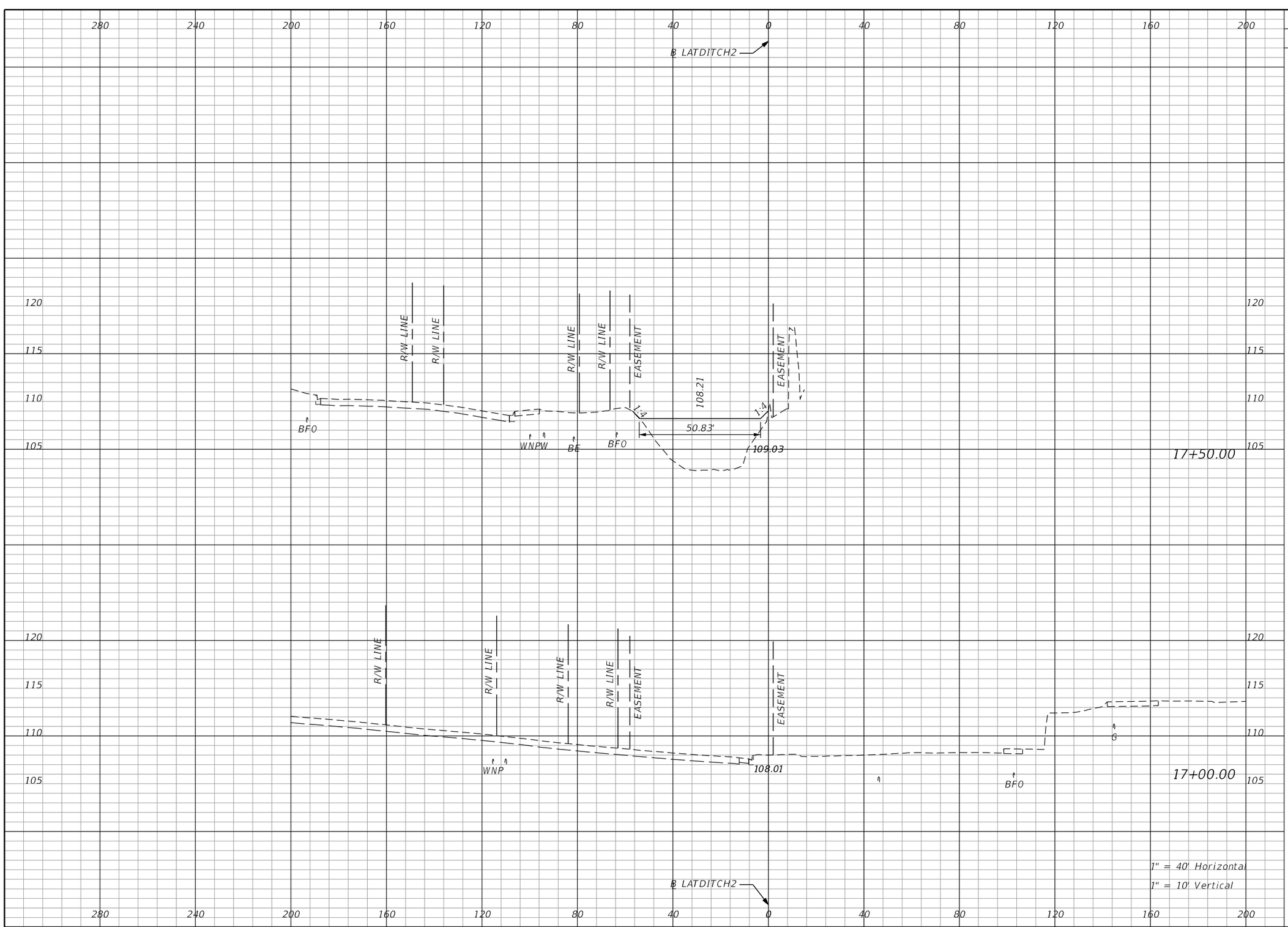

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	0.0	837.2	566.5
0.0	0.0	0.0	0.0	0.0	0.0

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LATERAL DITCH SECTIONS

SHEET NO. 366

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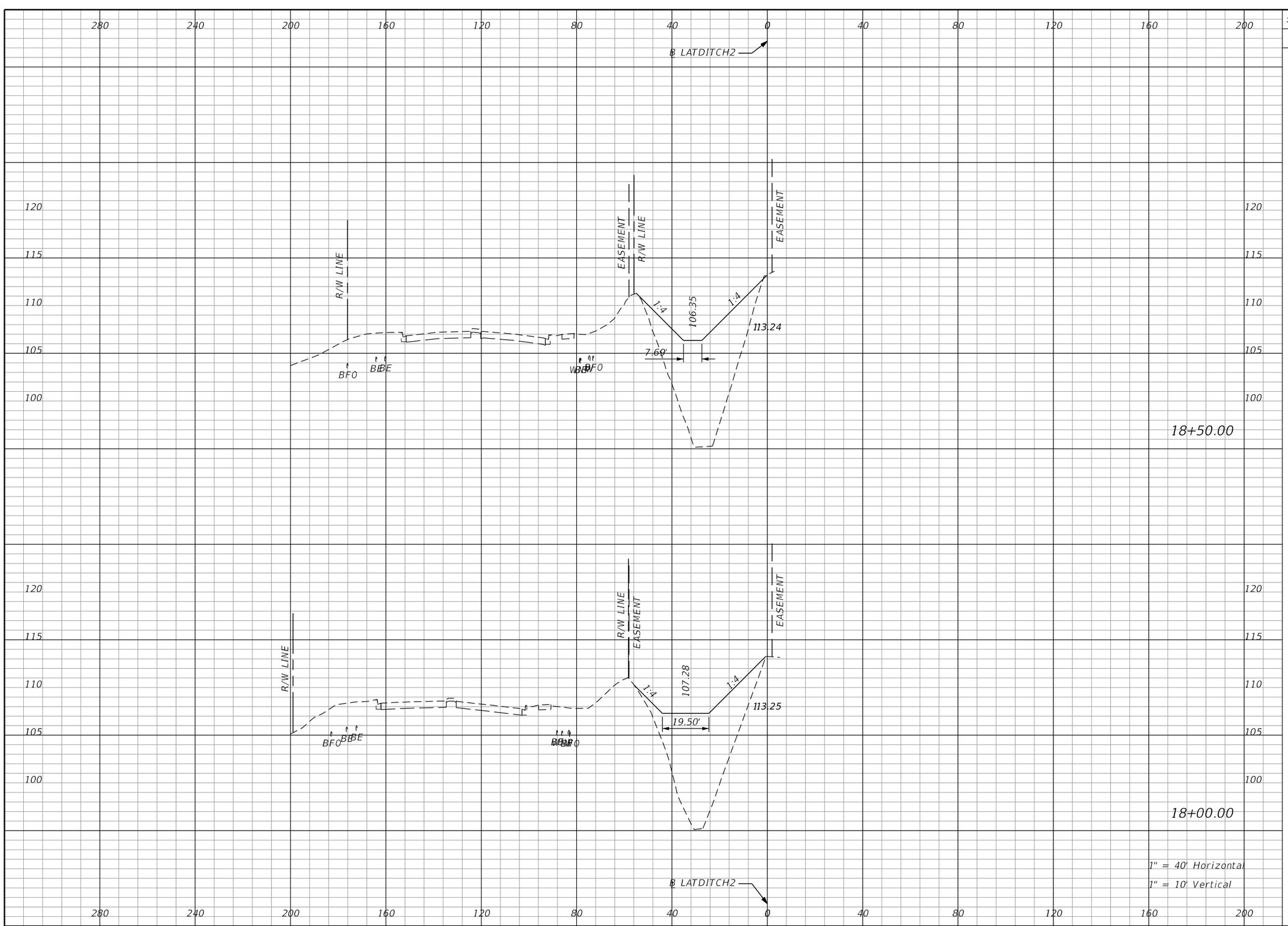

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	0.0	1332.0	561.7
0.0	0.0	0.0	0.0	1275.4	603.6

1" = 40' Horizontal
1" = 10' Vertical

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P.E. License No. 66461
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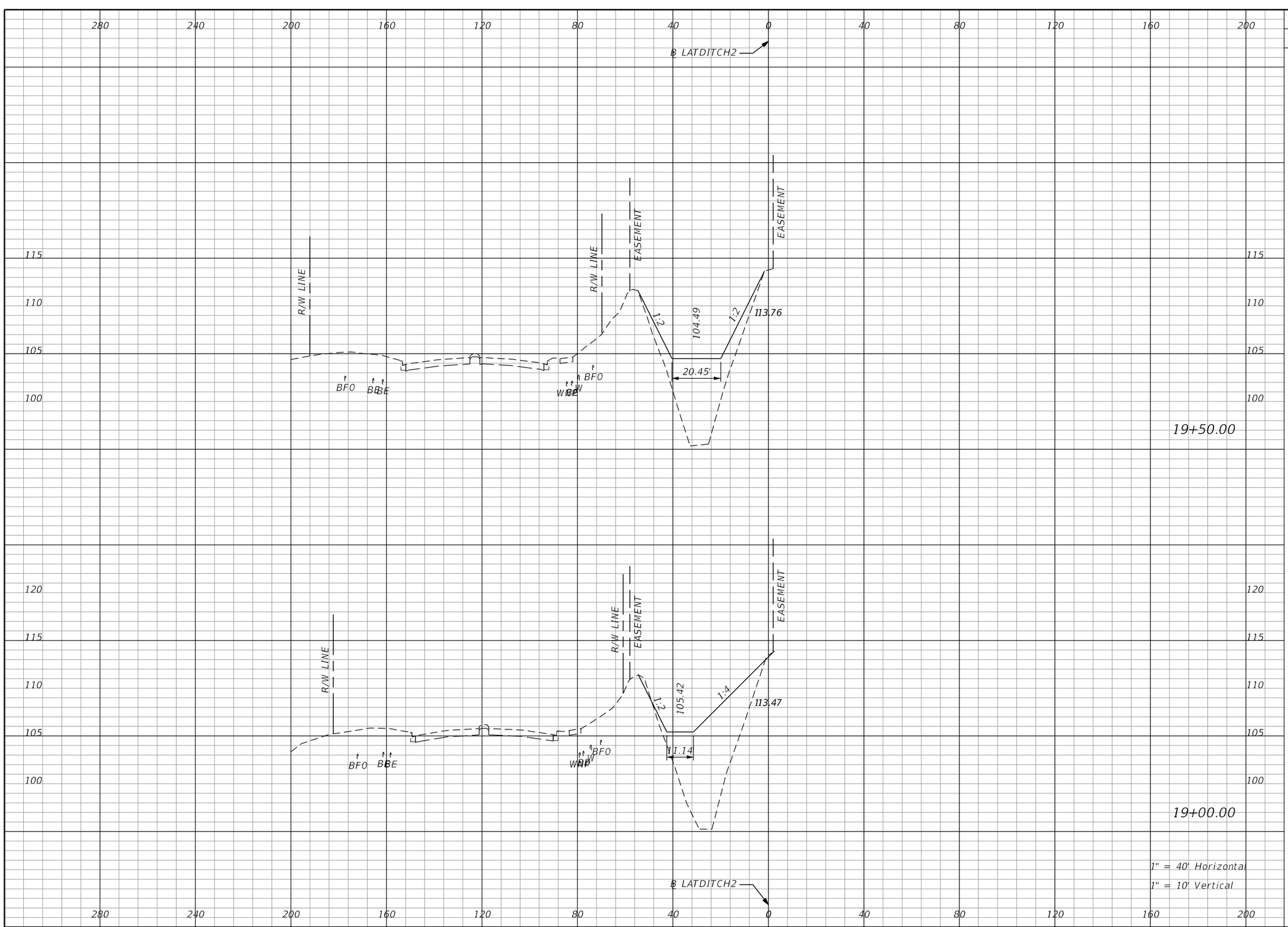
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

LATERAL DITCH SECTIONS

SHEET NO. 367

robert.martini 5/7/2020 1:59:16 PM c:\pwworking\aecom_na\rmartini\d0166356\LDXSRD01_LATDITCH2.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	0.0	835.7	358.9
0.0	0.0	0.0	0.0	1094.3	446.8

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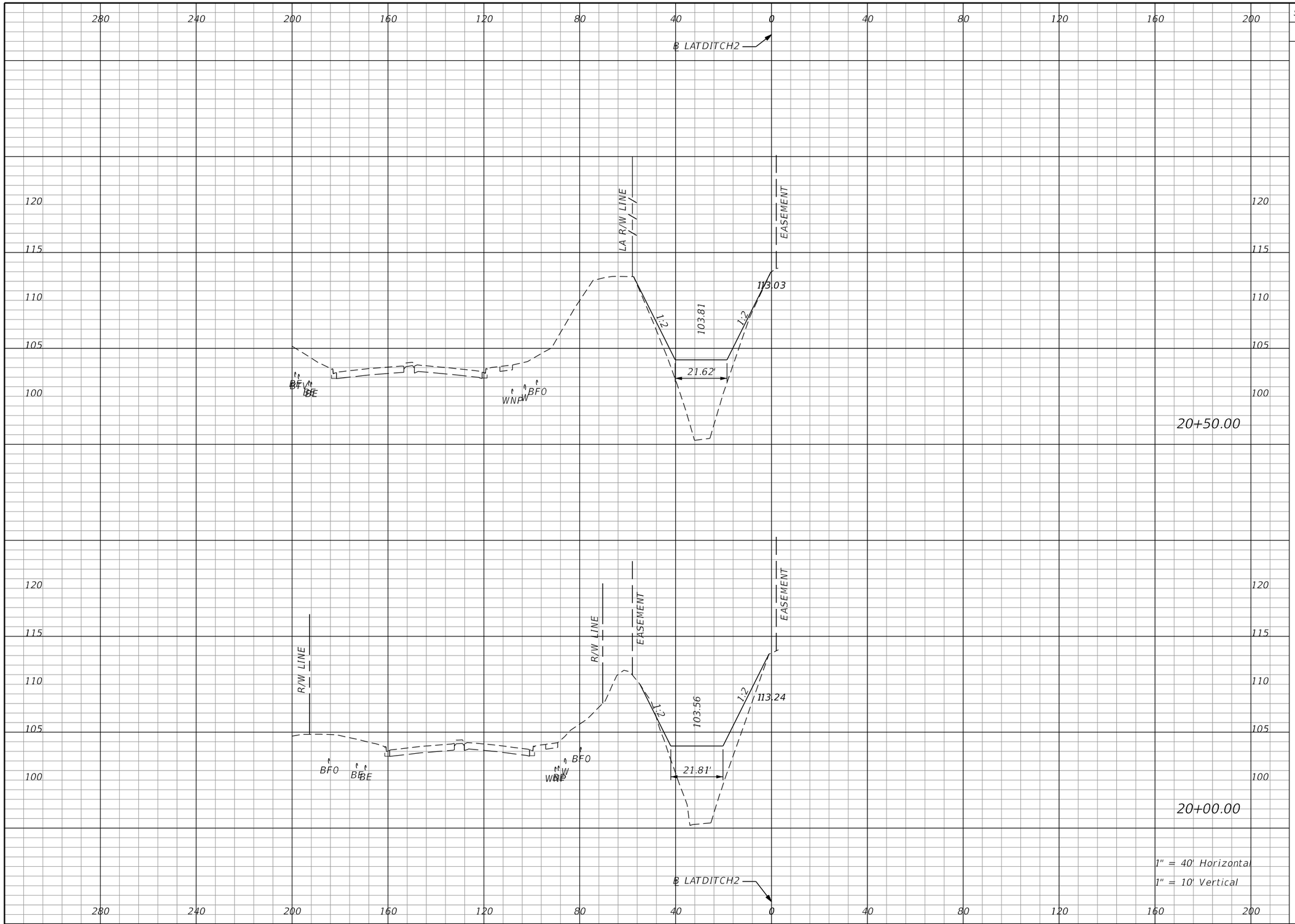
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

LATERAL DITCH SECTIONS

SHEET NO. 368

robert.martini 5/7/2020 1:59:17 PM c:\pwworking\aecom_na\rmartini\d0166356\LDXSRD01_LATDITCH2.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	0.0	693.5	345.0
0.0	0.0	0.0	0.0	714.7	326.0

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

LATERAL DITCH SECTIONS

SHEET NO. 369

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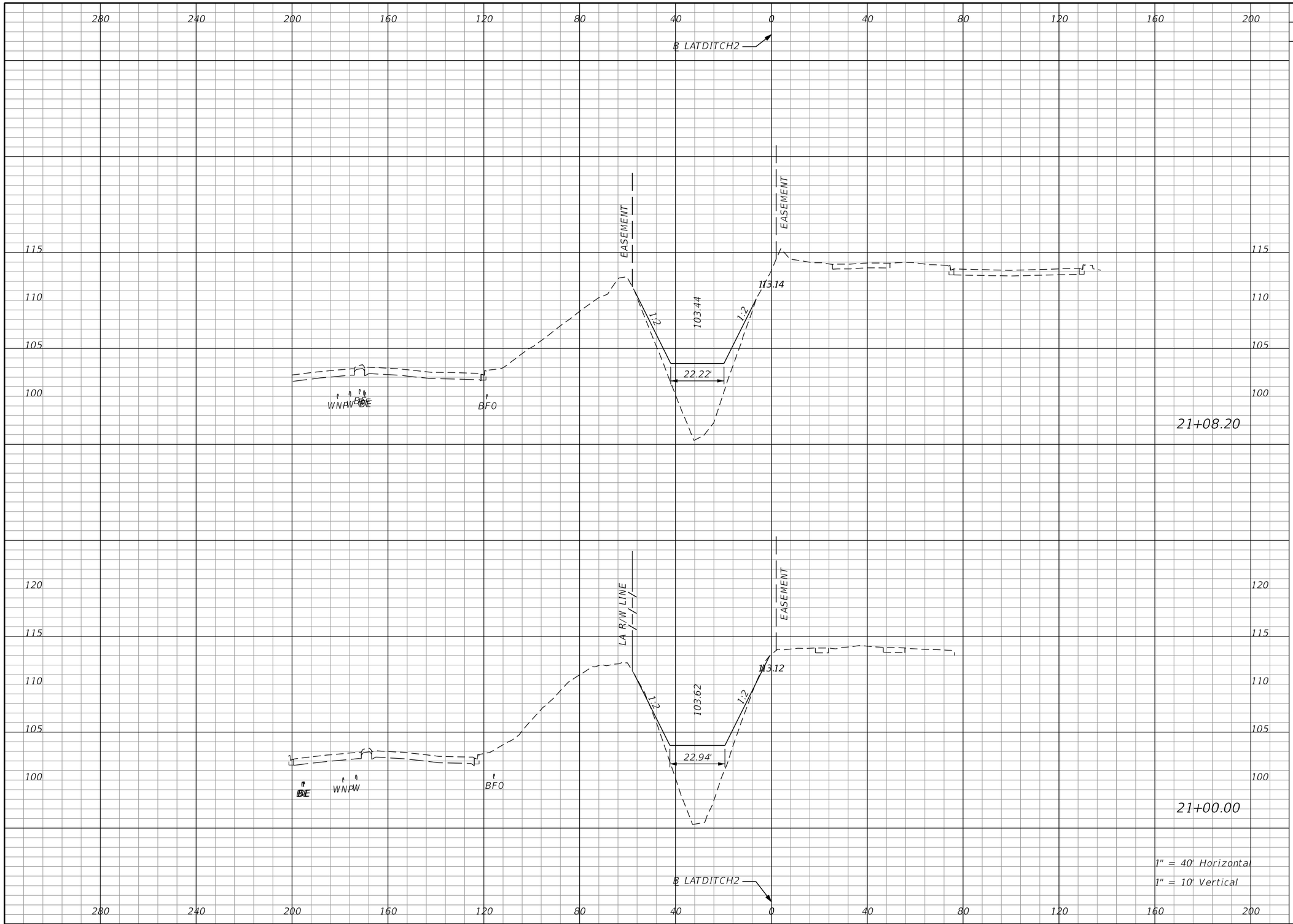

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	0.0	864.1	22.3
0.0	0.0	0.0	0.0	796.9	63.1

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

LATERAL DITCH SECTIONS

SHEET NO. 370

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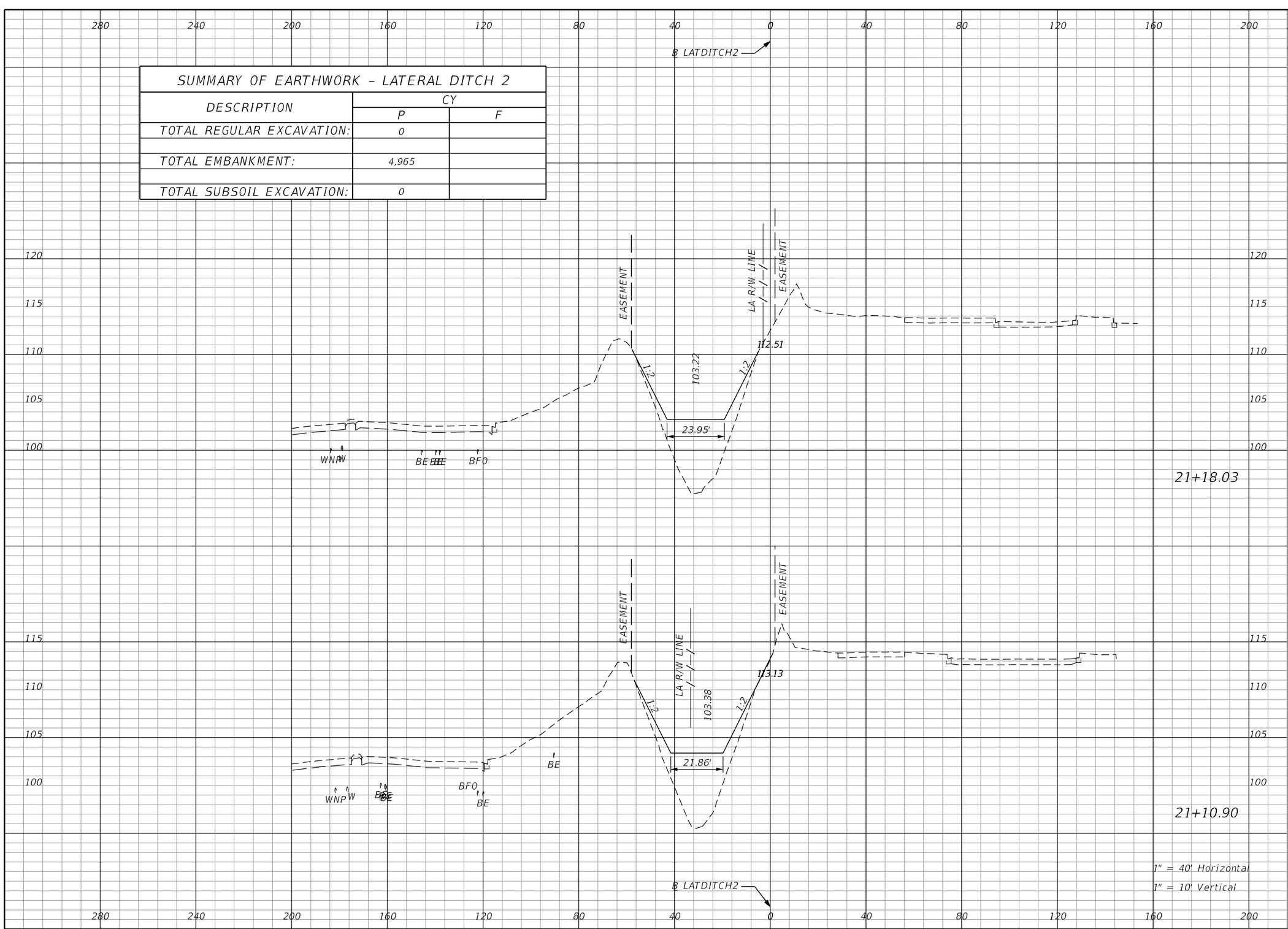
SUMMARY OF EARTHWORK – LATERAL DITCH 2

DESCRIPTION	CY	
	P	F
TOTAL REGULAR EXCAVATION:	0	
TOTAL EMBANKMENT:	4,965	
TOTAL SUBSOIL EXCAVATION:	0	



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	0.0	992.3	229.7
0.0	0.0	0.0	0.0	917.9	63.1

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SR 400	ORANGE	441113-1-52-01

LATERAL DITCH SECTIONS

SHEET NO. 371

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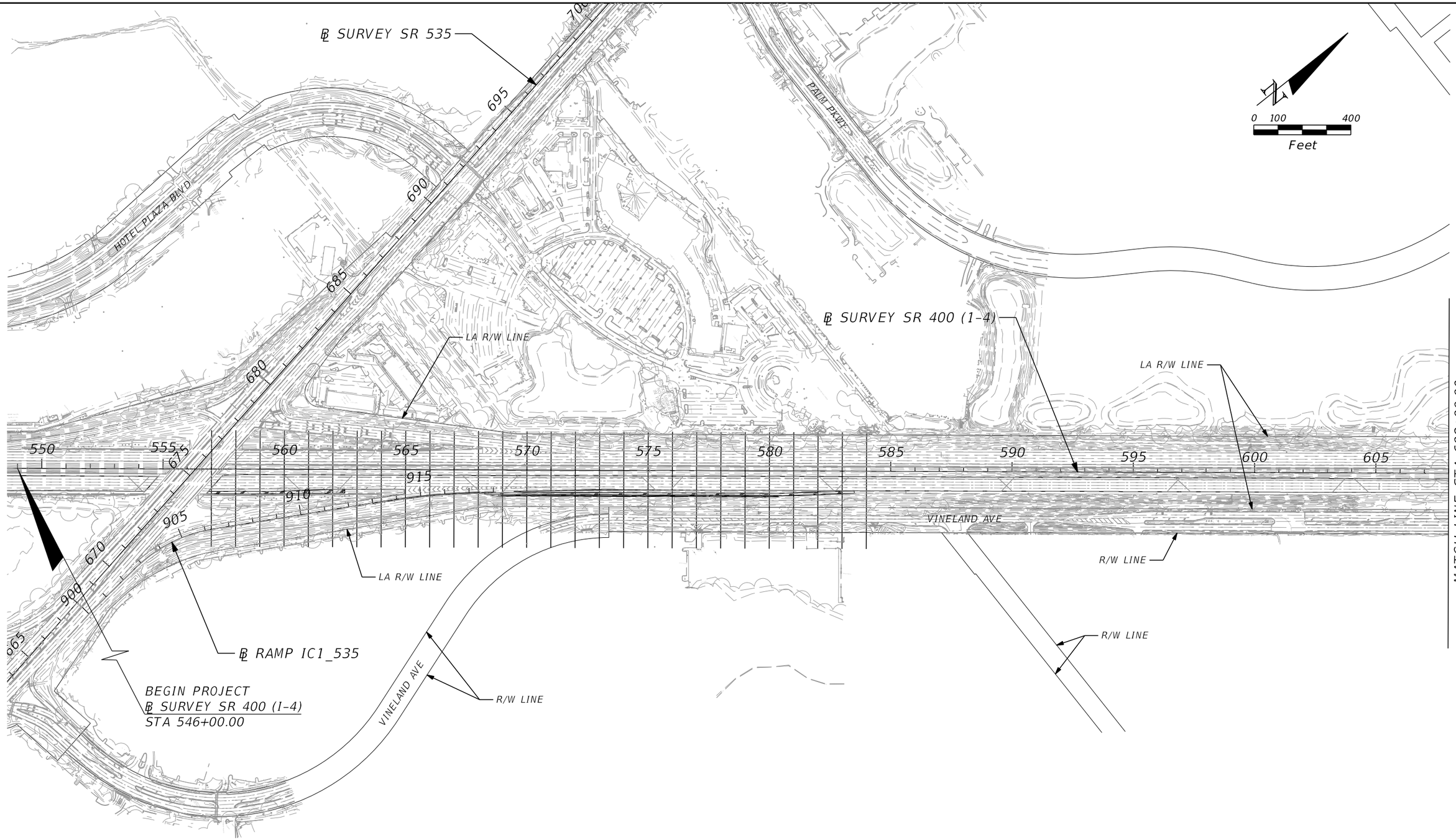

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STATE OF FLORIDA
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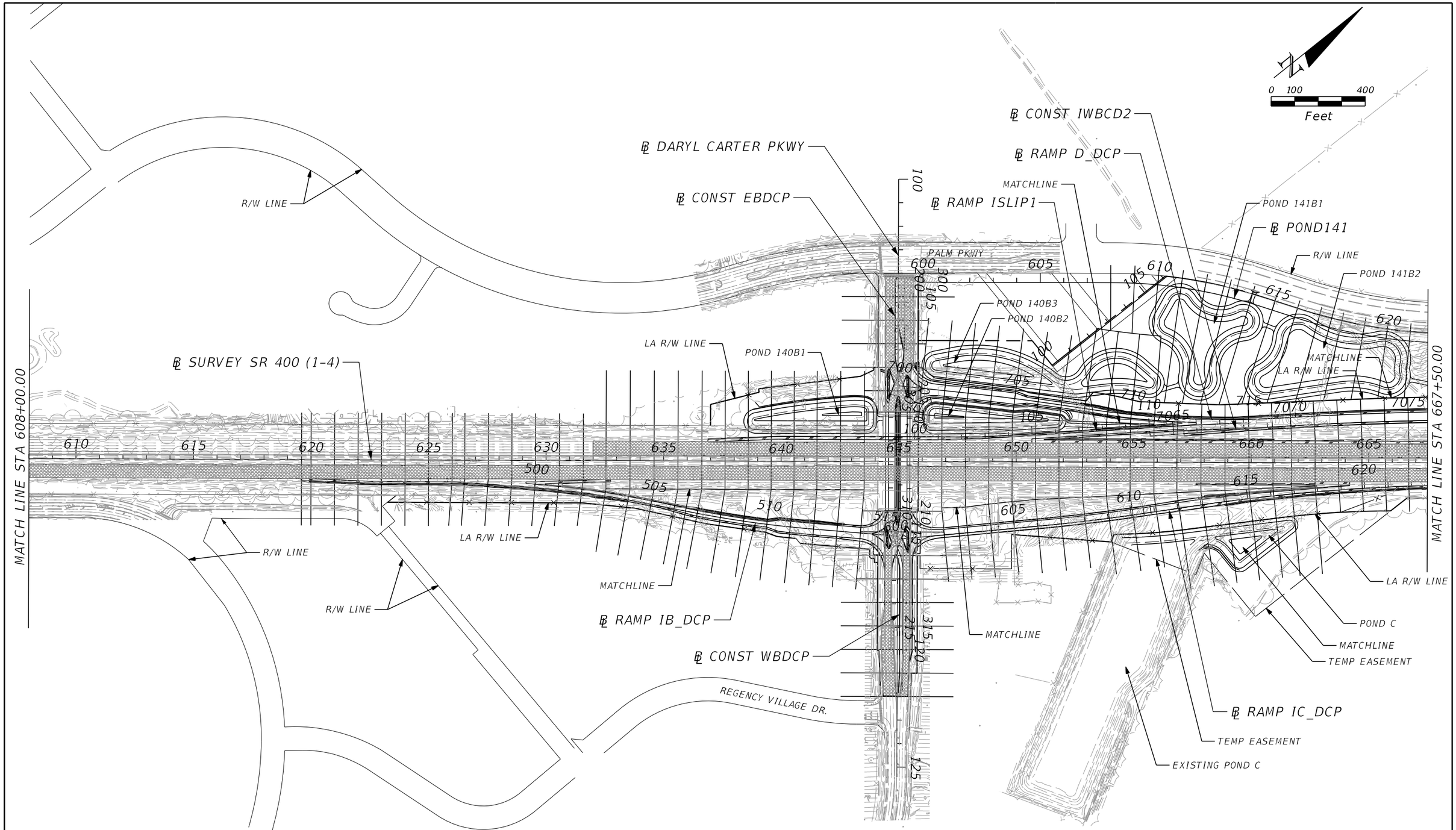
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	ORANGE	441113-1-52-01

CROSS SECTION PATTERN (1)

SHEET NO. 372

glen.dvorovy 5/6/2020 5:04:32 PM c:\pwworking\aecom_na\glen.dvorovy\d0166331\PLAYRDXS01.dgn



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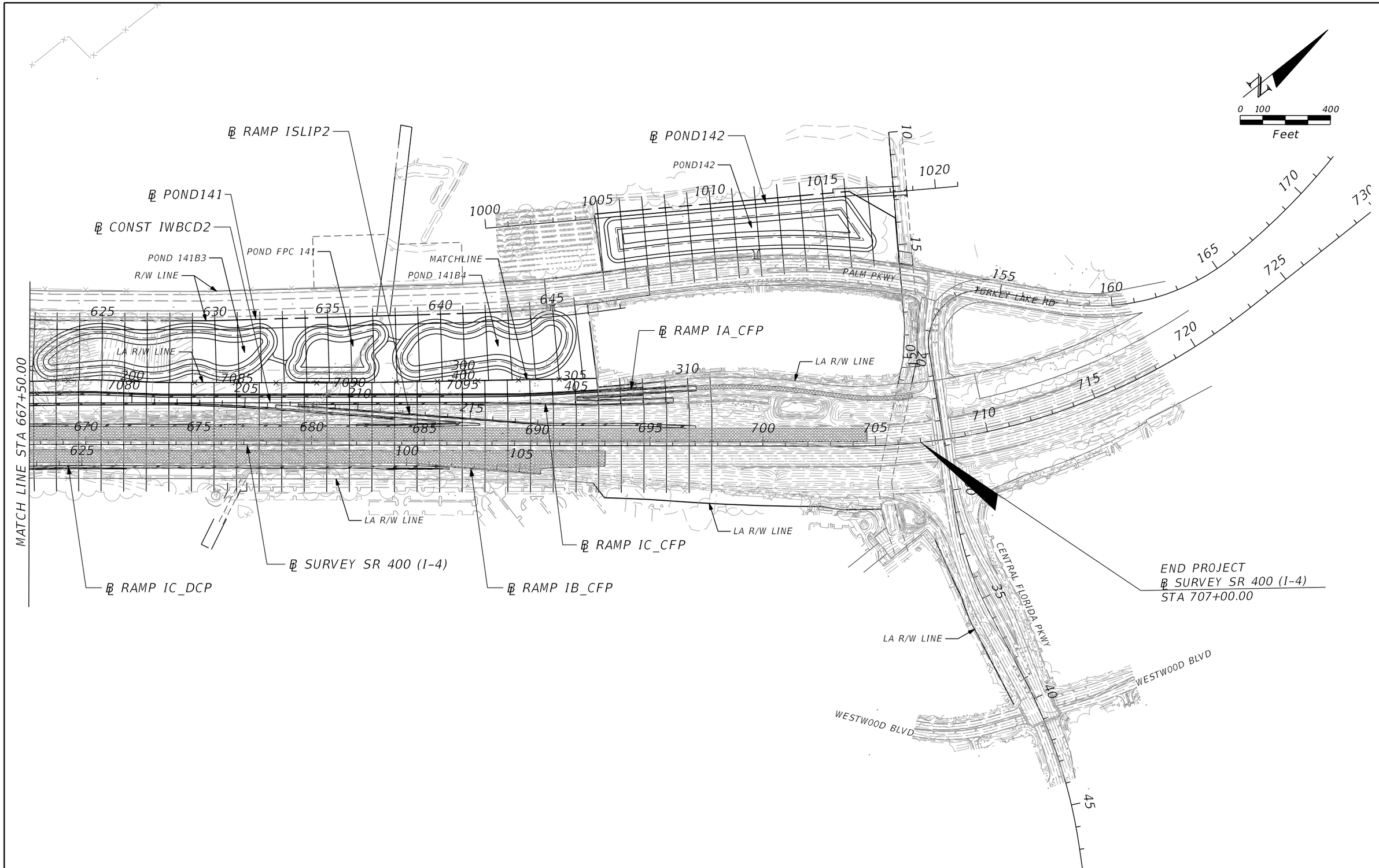
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	ORANGE	441113-1-52-01

CROSS SECTION PATTERN (2)

SHEET NO. 373



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
400	ORANGE	441113-1-52-01

CROSS SECTION PATTERN (3)

SHEET NO. 374

FIGURE 4

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
MATERIALS AND RESEARCH

FINANCIAL PROJECT ID: 441113-1-52-01
PROJECT NAME: SR 400 (I-4) AT DARYL CARTER PARKWAY
CROSS SECTION OF SOIL SURVEY

DATE OF SURVEY: 07/17 TO 11/17
SURVEY MADE BY: ROSE, TATE, BRACKINS, TILLER
SUBMITTED BY: ZAN C. BATES, P.E.

DISTRICT: FIVE
ROAD NO.: SR 400
COUNTY: ORANGE

SURVEY BEGINS STA. : 547+01.61 SURVEY ENDS STA. : 707+00.01

	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	3	1–4	3	18–43	9 (20)	76–100	68–94	43–58	8–21	2–9 (1–10)	--	--	--	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	8	6,720–21,925	BDL–15	BDL–<2.4	5.8–8.4
2	--	--	--	--	1	100	95	62	24	19	--	--	--	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	1	4,300	15	90	7.4
3	--	--	2	15–18	1 (1)	100	94	73	46	31 (35)	2	19–24	6–8	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	0	--	--	--	--
4	--	--	1	13	1	100	90	62	41	35	1	29	15	A–2–6 A–6	LIGHT BROWN CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL	0	--	--	--	--
5	--	--	--	--	--	--	--	--	--	--	--	--	--	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	3	6–10	3	37–60	3	96–97	84–90	60–66	21–37	3–20	--	--	--	A–8	DARK BROWN TO VERY DARK BROWN MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS	0	--	--	--	--
7	1	5	1	23	(1)	--	--	--	--	(6)	--	--	--	A–3 A–2–4	DARK REDDISH BROWN OR DARK BROWN SLIGHTLY CEMENTED TO CEMENTED FINE SAND WITH SILT TO SILTY FINE SAND INCLUDING HARDPAN–TYPE, WITH OCCASIONAL 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 STANDARD PLANS INDICES 120–001 AND 120–002.
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 STANDARD PLANS INDICES 120–001 AND 120–002.
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 STANDARD PLANS INDICES 120–001 AND 120–002.
8. STRATUM 5 SHALL BE TREATED AS HIGH PLASTIC (H) MATERIAL IN ACCORDANCE WITH FDOT STANDARD PLANS INDICES 120–001 AND 120–002.
9. STRATUM 6 SHALL BE TREATED AS MUCK (M) IN ACCORDANCE WITH FDOT STANDARD PLANS INDICES 120–001 AND 120–002.
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.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Ardaman & Associates, Inc.
8008 S. Orange Avenue
Orlando, Fl. 32809
E.O.R.-Zan C. Bates, P.E. NO. 49917

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

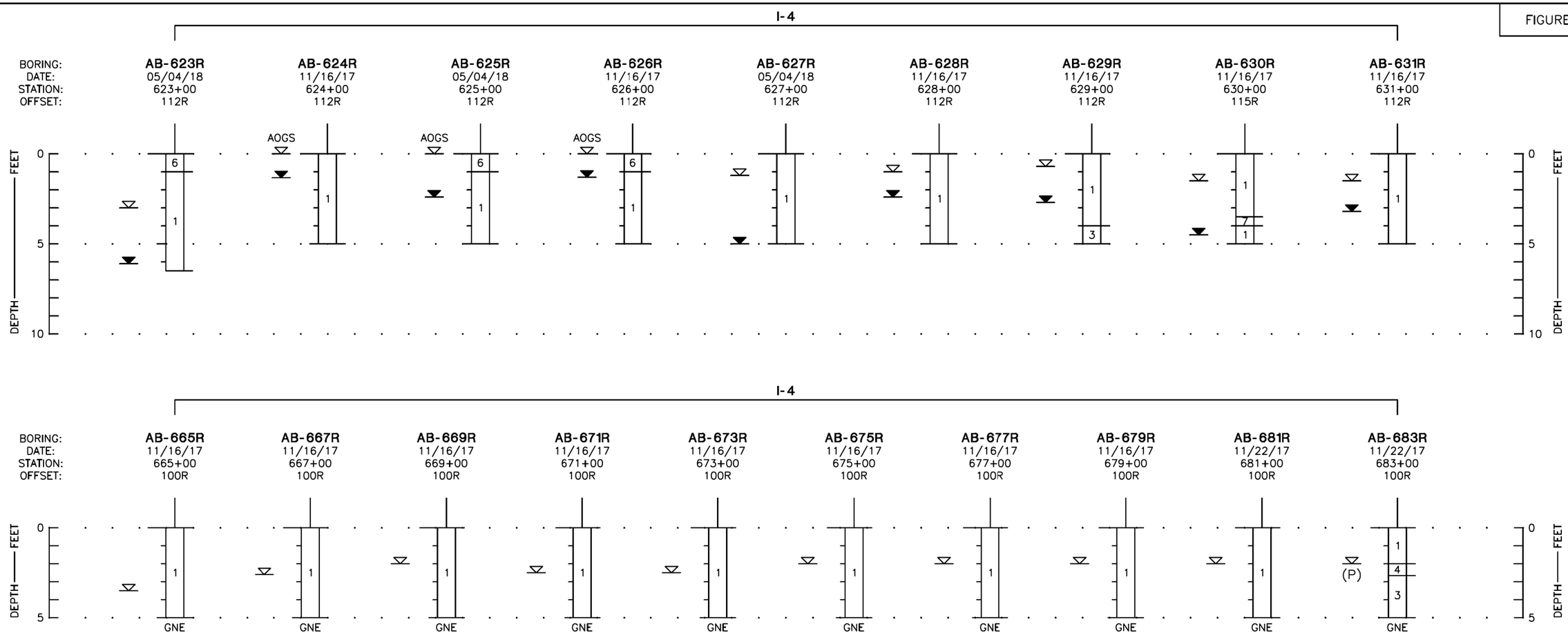
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

ROADWAY SOIL SURVEY (1)

SHEET NO. 375

glen.dvorovy 5/6/2020 5:04:56 PM c:\pwworking\aecom_na\glen.dvorovy\d0164805\RDSSGE003_Road.DGN

FIGURE 5



STRATUM NO.	AASHTO GROUP	GENERAL DESCRIPTION
1	A-3	FINE SAND TO FINE SAND WITH SILT, OCCASIONAL LIMEROCK GRAVEL AND ORGANIC MATERIAL
2	A-3 A-2-4	FINE SAND WITH SILT TO SILTY FINE SAND, OCCASIONAL LIMEROCK GRAVEL AND ORGANIC MATERIAL
3	A-3 A-2-4	FINE SAND WITH CLAY TO CLAYEY FINE SAND OR SILTY CLAYEY FINE SAND
4	A-2-6 A-6	CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL
5	A-2-7 A-7-5 A-7-6	SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL
6	A-8	MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS
7	A-3 A-2-4	SLIGHTLY CEMENTED TO CEMENTED FINE SAND WITH SILT TO SILTY FINE SAND INCLUDING HARDPAN-TYPE, WITH OCCASIONAL TRACE ORGANIC MATERIAL

LEGEND

- ▼ GROUNDWATER LEVEL MEASURED ON DATE DRILLED (FEET)
- ▽ ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER TABLE (FEET)
- AOGS AT OR ABOVE GROUND SURFACE
- GNE GROUNDWATER NOT ENCOUNTERED ON DATE DRILLED
- (P) PERCHED CONDITION

BORING STATION AND OFFSET REFERENCED TO I-4 BASELINE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

ROADWAY SOIL SURVEY (2)

SHEET NO. 376

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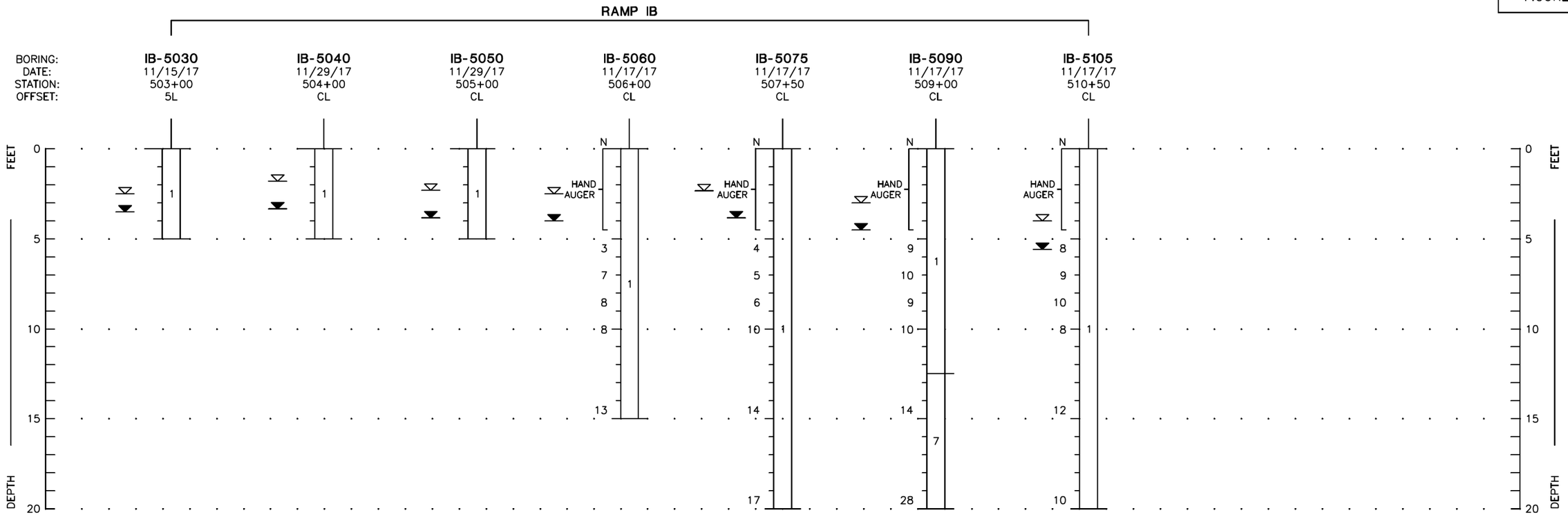
FIGURE 6



STRATUM NO.	AASHTO GROUP	GENERAL DESCRIPTION
1	A–3	FINE SAND TO FINE SAND WITH SILT, OCCASIONAL LIMEROCK GRAVEL AND ORGANIC MATERIAL
2	A–3 A–2–4	FINE SAND WITH SILT TO SILTY FINE SAND, OCCASIONAL LIMEROCK GRAVEL AND ORGANIC MATERIAL
3	A–3 A–2–4	FINE SAND WITH CLAY TO CLAYEY FINE SAND OR SILTY CLAYEY FINE SAND
4	A–2–6 A–6	CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL
5	A–2–7 A–7–5 A–7–6	SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL
6	A–8	MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS
7	A–3 A–2–4	SLIGHTLY CEMENTED TO CEMENTED FINE SAND WITH SILT TO SILTY FINE SAND INCLUDING HARDPAN–TYPE, WITH OCCASIONAL TRACE ORGANIC MATERIAL

LEGEND

- GROUNDWATER LEVEL MEASURED ON DATE DRILLED (FEET)
- ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER TABLE (FEET)
- N STANDARD PENETRATION RESISTANCE IN BLOWS PER FOOT
- BORING STATION AND OFFSET REFERENCED TO BASELINE RAMP IB_DCP

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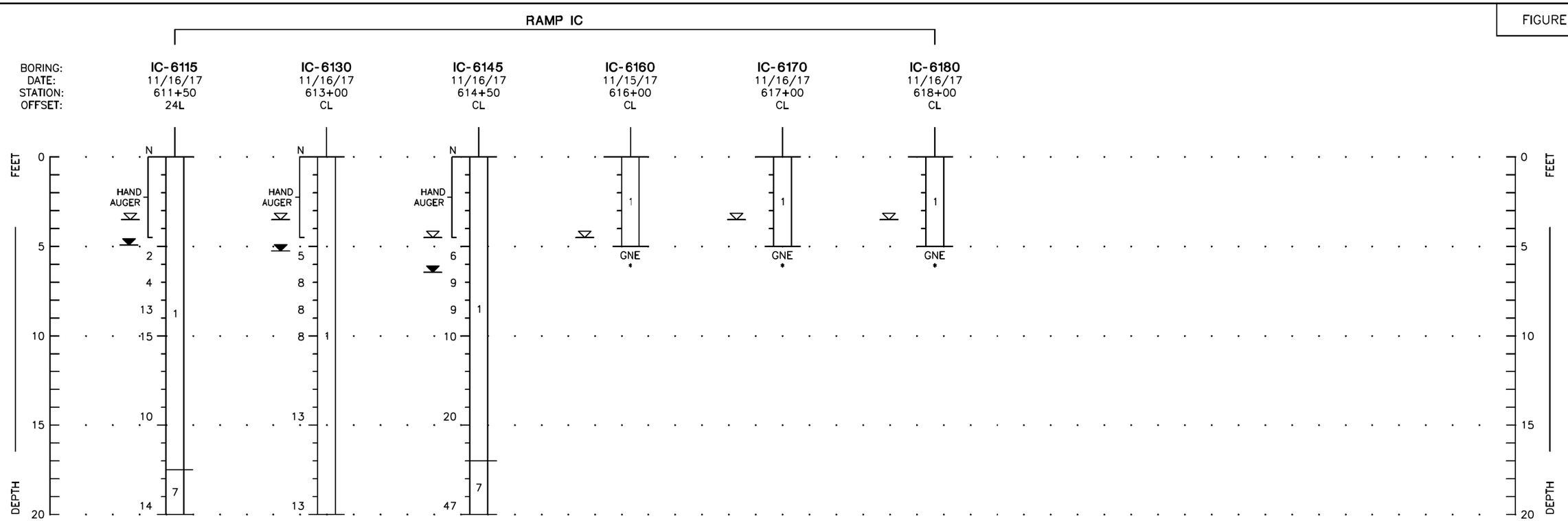
SR 400	ORANGE	441113-1-52-01

ROADWAY SOIL SURVEY (3)

SHEET NO. 377

FIGURE 7



STRATUM NO.	AASHTO GROUP	GENERAL DESCRIPTION
1	A–3	FINE SAND TO FINE SAND WITH SILT, OCCASIONAL LIMEROCK GRAVEL AND ORGANIC MATERIAL
2	A–3 A–2–4	FINE SAND WITH SILT TO SILTY FINE SAND, OCCASIONAL LIMEROCK GRAVEL AND ORGANIC MATERIAL
3	A–3 A–2–4	FINE SAND WITH CLAY TO CLAYEY FINE SAND OR SILTY CLAYEY FINE SAND
4	A–2–6 A–6	CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL
5	A–2–7 A–7–5 A–7–6	SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL
6	A–8	MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS
7	A–3 A–2–4	SLIGHTLY CEMENTED TO CEMENTED FINE SAND WITH SILT TO SILTY FINE SAND INCLUDING HARDPAN–TYPE, WITH OCCASIONAL TRACE ORGANIC MATERIAL

LEGEND

- ▼ GROUNDWATER LEVEL MEASURED ON DATE DRILLED (FEET)
- ▽ ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER TABLE (FEET)
- GNE GROUNDWATER NOT ENCOUNTERED ON DATE DRILLED
- N STANDARD PENETRATION RESISTANCE IN BLOWS PER FOOT
- * ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER LEVER BELOW BOTTOM OF BORING

BORING STATION AND OFFSET REFERENCED TO BASELINE RAMP IC_DCP

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

ROADWAY SOIL SURVEY (4)

SHEET NO. 378

glen.dvorovy 5/6/2020 5:05:33 PM c:\pwworking\aecom_na\glen.dvorovy\d0164805\RDSSGE003_Road.DGN

FIGURE 8



STRATUM NO.	AASHTO GROUP	GENERAL DESCRIPTION
1	A–3	FINE SAND TO FINE SAND WITH SILT, OCCASIONAL LIMEROCK GRAVEL AND ORGANIC MATERIAL
2	A–3 A–2–4	FINE SAND WITH SILT TO SILTY FINE SAND, OCCASIONAL LIMEROCK GRAVEL AND ORGANIC MATERIAL
3	A–3 A–2–4	FINE SAND WITH CLAY TO CLAYEY FINE SAND OR SILTY CLAYEY FINE SAND
4	A–2–6 A–6	CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL
5	A–2–7 A–7–5 A–7–6	SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL
6	A–8	MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS
7	A–3 A–2–4	SLIGHTLY CEMENTED TO CEMENTED FINE SAND WITH SILT TO SILTY FINE SAND INCLUDING HARDPAN–TYPE, WITH OCCASIONAL TRACE ORGANIC MATERIAL

LEGEND

- ▼ GROUNDWATER LEVEL MEASURED ON DATE DRILLED (FEET)
- ▽ ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER TABLE (FEET)
- N STANDARD PENETRATION RESISTANCE IN BLOWS PER FOOT
- BORING STATION AND OFFSET REFERENCED TO BASELINE RAMP D_DCP BASELINE

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Ardaman & Associates, Inc.
8008 S. Orange Avenue
Orlando, Fl. 32809
E.O.R.-Zan C. Bates, P.E. NO. 49917

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

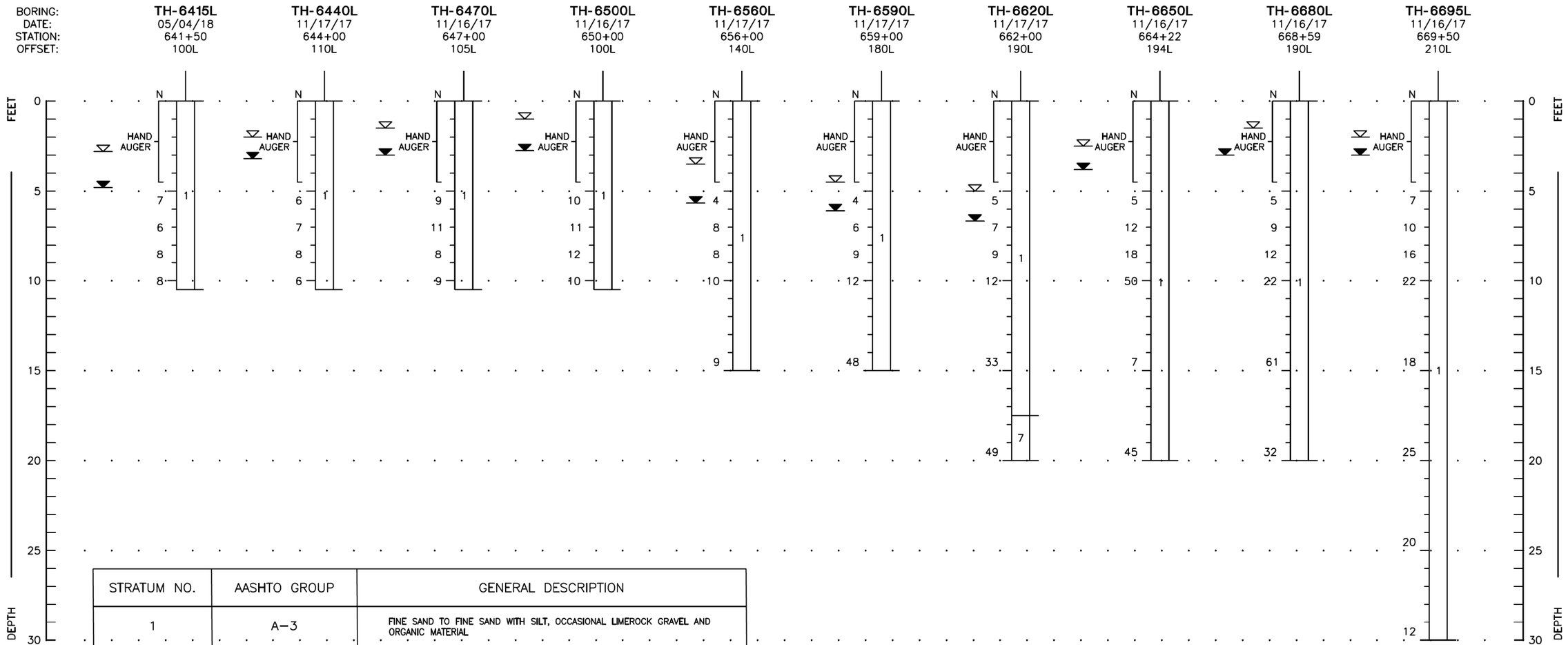
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

ROADWAY SOIL SURVEY (5)

SHEET NO. 379

FIGURE 9

RAMPS 1WBCD2 AND ISLIP1



STRATUM NO.	AASHTO GROUP	GENERAL DESCRIPTION
1	A–3	FINE SAND TO FINE SAND WITH SILT, OCCASIONAL LIMEROCK GRAVEL AND ORGANIC MATERIAL
2	A–3 A–2–4	FINE SAND WITH SILT TO SILTY FINE SAND, OCCASIONAL LIMEROCK GRAVEL AND ORGANIC MATERIAL
3	A–3 A–2–4	FINE SAND WITH CLAY TO CLAYEY FINE SAND OR SILTY CLAYEY FINE SAND
4	A–2–6 A–6	CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL
5	A–2–7 A–7–5 A–7–6	SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL
6	A–8	MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS
7	A–3 A–2–4	SLIGHTLY CEMENTED TO CEMENTED FINE SAND WITH SILT TO SILTY FINE SAND INCLUDING HARDPAN–TYPE, WITH OCCASIONAL TRACE ORGANIC MATERIAL

LEGEND

- ▼ GROUNDWATER LEVEL MEASURED ON DATE DRILLED (FEET)
- ▽ ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER TABLE (FEET)
- N STANDARD PENETRATION RESISTANCE IN BLOWS PER FOOT
- AOGS AT OR ABOVE GROUND SURFACE
- BORING STATION AND OFFSET REFERENCED TO BASELINE I–4

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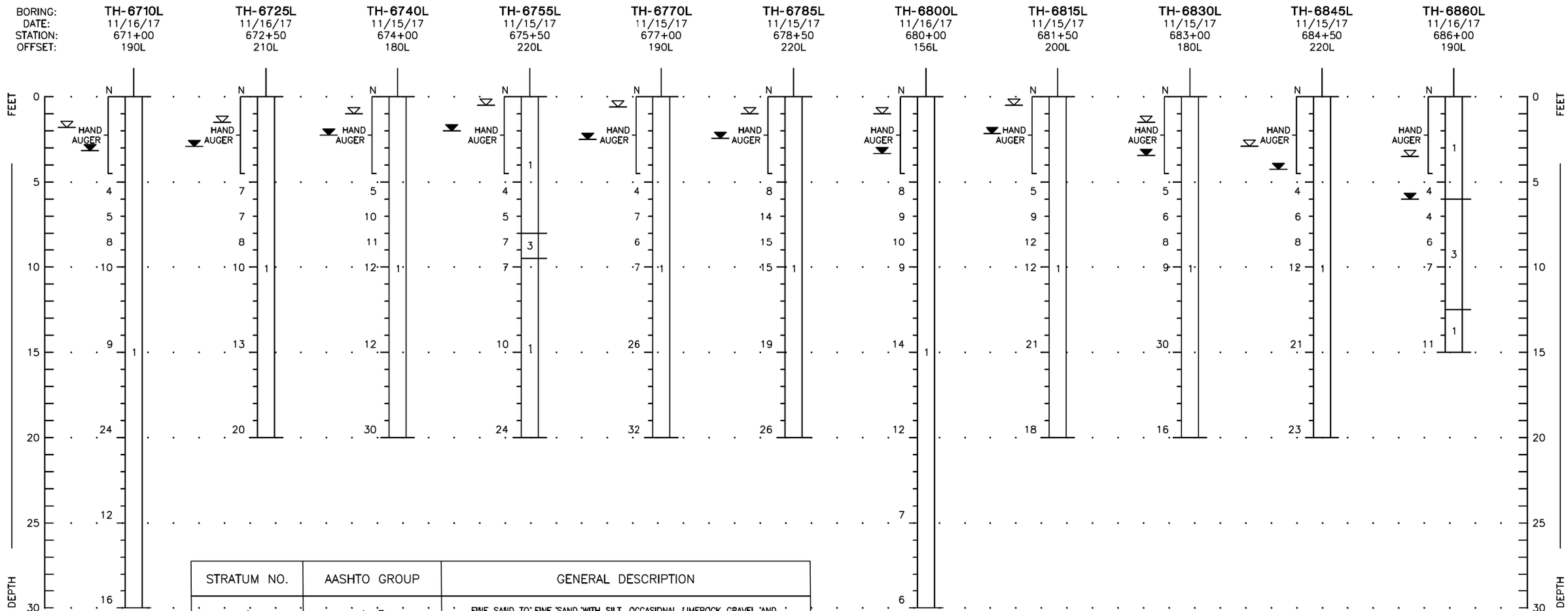
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

ROADWAY SOIL SURVEY (6)

SHEET NO. 380

FIGURE 10

RAMPS 1WBCD2 AND ISLIP1



STRATUM NO.	AASHTO GROUP	GENERAL DESCRIPTION
1	A–3	FINE SAND TO FINE SAND WITH SILT, OCCASIONAL LIMEROCK GRAVEL AND ORGANIC MATERIAL
2	A–3 A–2–4	FINE SAND WITH SILT TO SILTY FINE SAND, OCCASIONAL LIMEROCK GRAVEL AND ORGANIC MATERIAL
3	A–3 A–2–4	FINE SAND WITH CLAY TO CLAYEY FINE SAND OR SILTY CLAYEY FINE SAND
4	A–2–6 A–6	CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL
5	A–2–7 A–7–5 A–7–6	SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL
6	A–8	MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS
7	A–3 A–2–4	SLIGHTLY CEMENTED TO CEMENTED FINE SAND WITH SILT TO SILTY FINE SAND INCLUDING HARDPAN–TYPE, WITH OCCASIONAL TRACE ORGANIC MATERIAL

LEGEND

- ▼ GROUNDWATER LEVEL MEASURED ON DATE DRILLED (FEET)
- ▽ ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER TABLE (FEET)
- N STANDARD PENETRATION RESISTANCE IN BLOWS PER FOOT
- AOGS AT OR ABOVE GROUND SURFACE
- GNM GROUND WATER NOT MEASURED
- BORING STATION AND OFFSET REFERENCED TO I–4 BASELINE

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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ROADWAY SOIL SURVEY (7)

SHEET NO. 381

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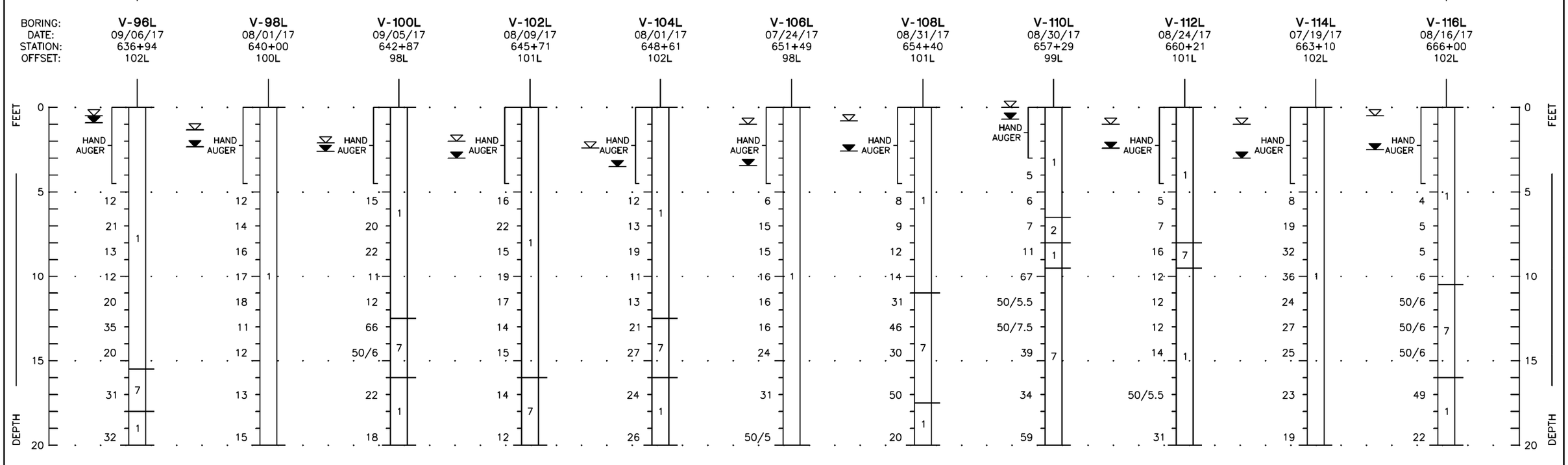
FIGURE 11

EASTBOUND VIADUCT



STRATUM NO.	AASHTO GROUP	GENERAL DESCRIPTION
1	A–3	FINE SAND TO FINE SAND WITH SILT, OCCASIONAL LIMEROCK GRAVEL AND ORGANIC MATERIAL
2	A–3 A–2–4	FINE SAND WITH SILT TO SILTY FINE SAND, OCCASIONAL LIMEROCK GRAVEL AND ORGANIC MATERIAL
3	A–3 A–2–4	FINE SAND WITH CLAY TO CLAYEY FINE SAND OR SILTY CLAYEY FINE SAND
4	A–2–6 A–6	CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL
5	A–2–7 A–7–5 A–7–6	SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL
6	A–8	MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS
7	A–3 A–2–4	SLIGHTLY CEMENTED TO CEMENTED FINE SAND WITH SILT TO SILTY FINE SAND INCLUDING HARDPAN–TYPE, WITH OCCASIONAL TRACE ORGANIC MATERIAL

LEGEND

- ▼ GROUNDWATER LEVEL MEASURED ON DATE DRILLED (FEET)
- ▽ ESTIMATED NORMAL SEASONAL HIGH GROUNDWATER TABLE (FEET)
- N STANDARD PENETRATION RESISTANCE IN BLOWS PER FOOT
- AOGS AT OR ABOVE GROUND SURFACE
- 50/6 50 BLOWS FOR 3–INCHES PENETRATION INTO SOIL
- BORING STATION AND OFFSET REFERENCED TO I–4 BASELINE

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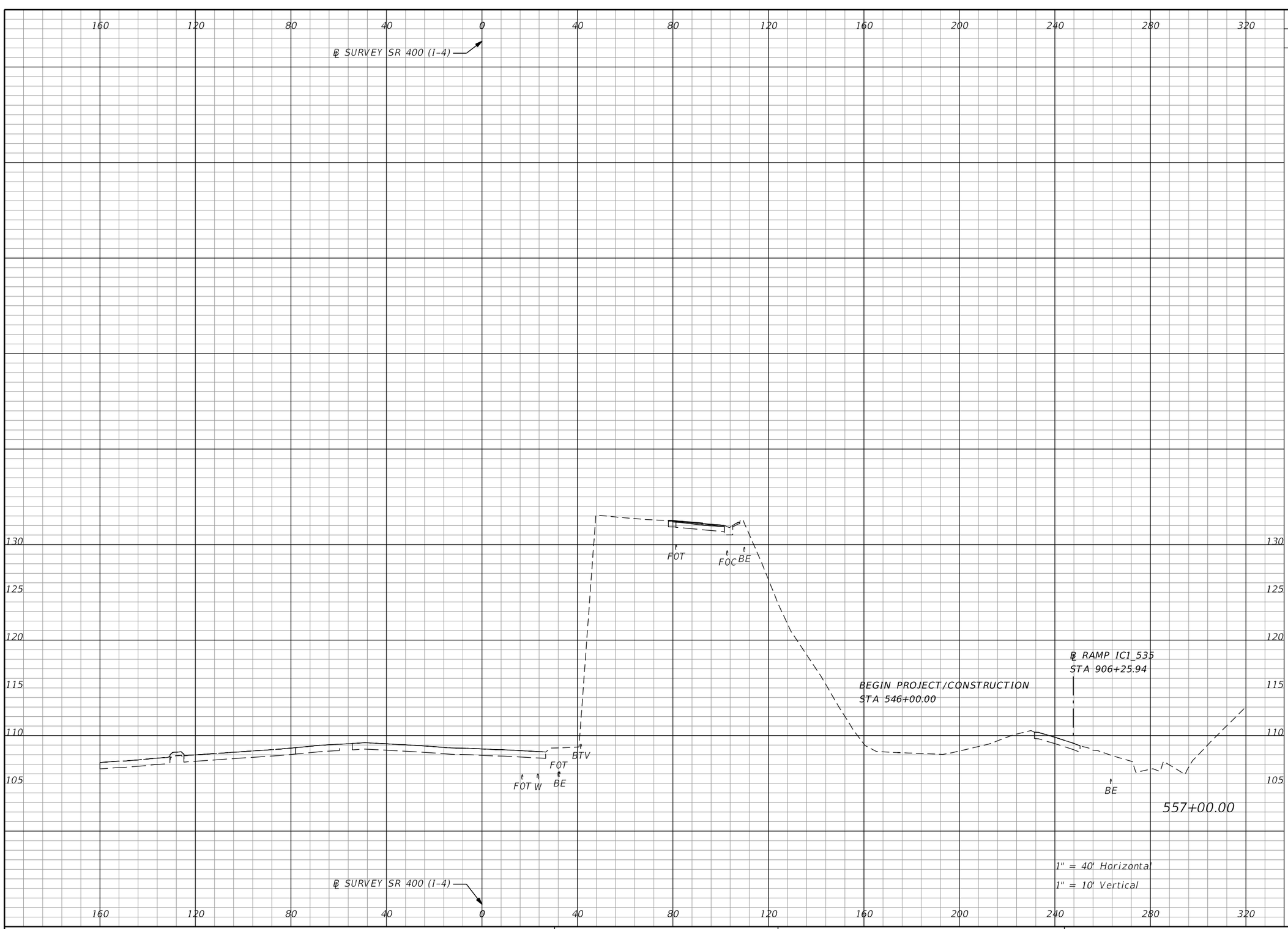
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

ROADWAY SOIL SURVEY (8)

SHEET NO. 382



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	0.0	0.0	0.0

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SR 400 (I-4)
CROSS SECTIONS

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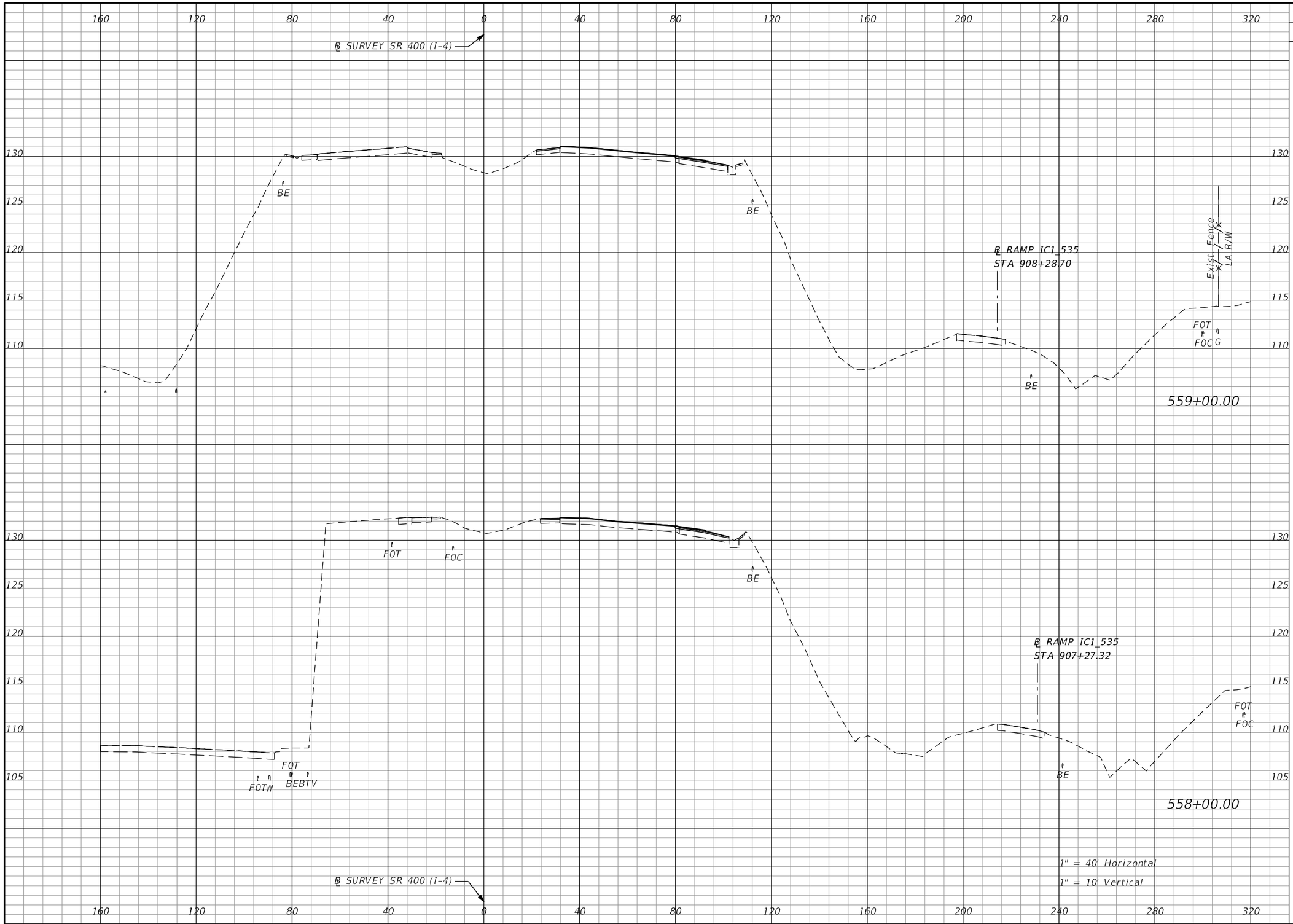

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0

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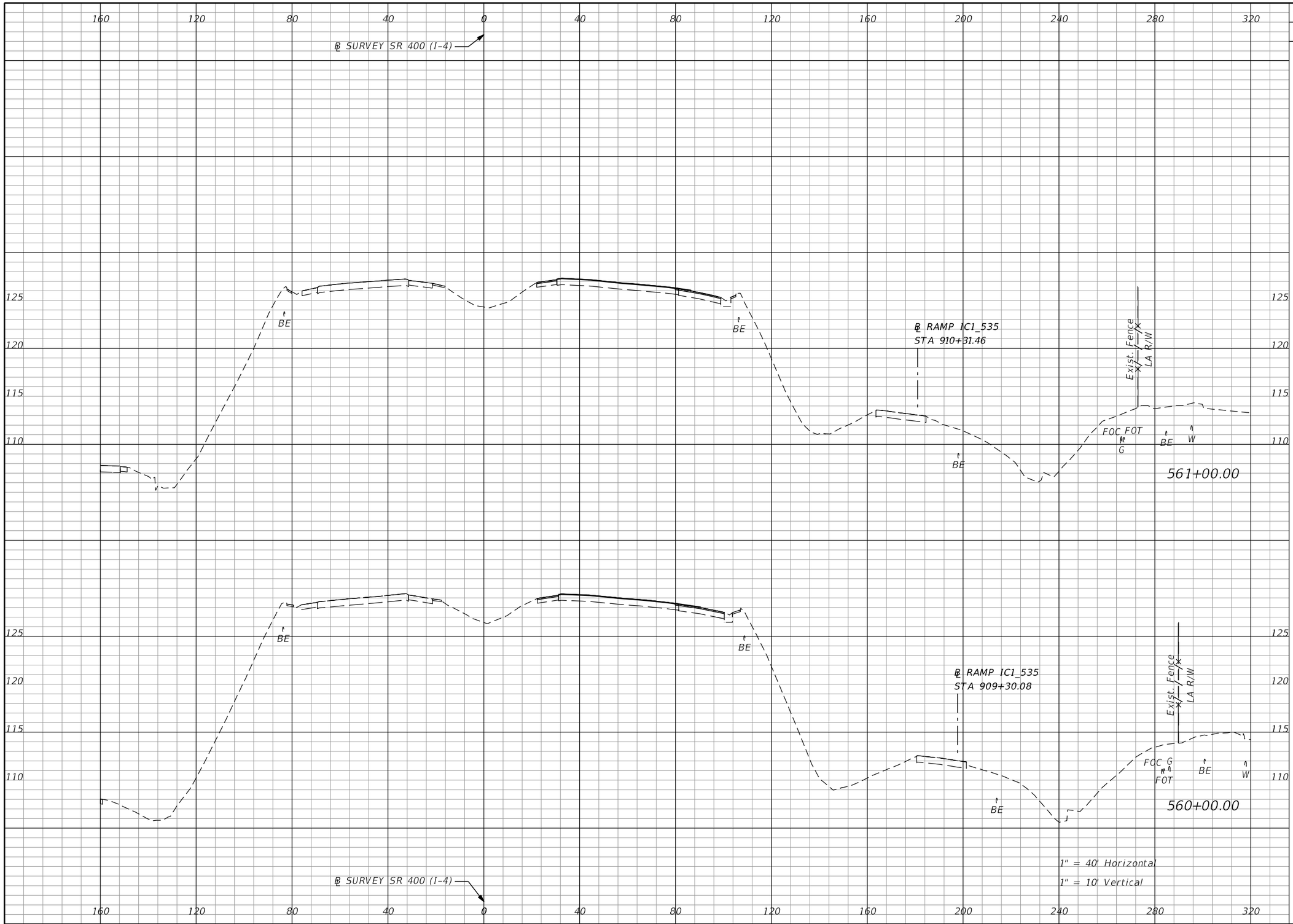
SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 384



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0

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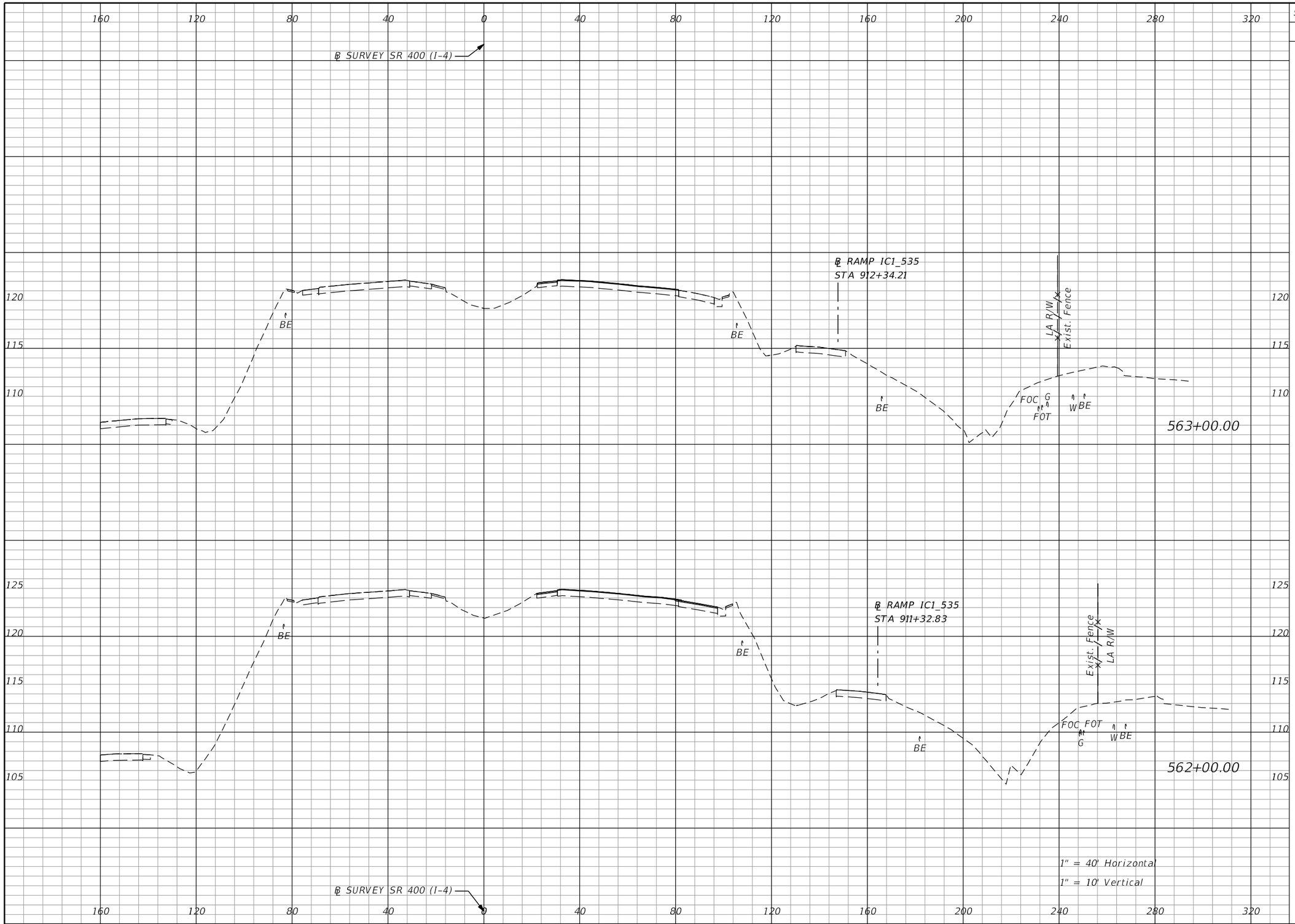
SHEET NO. 385



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	0.0	0.0	0.0

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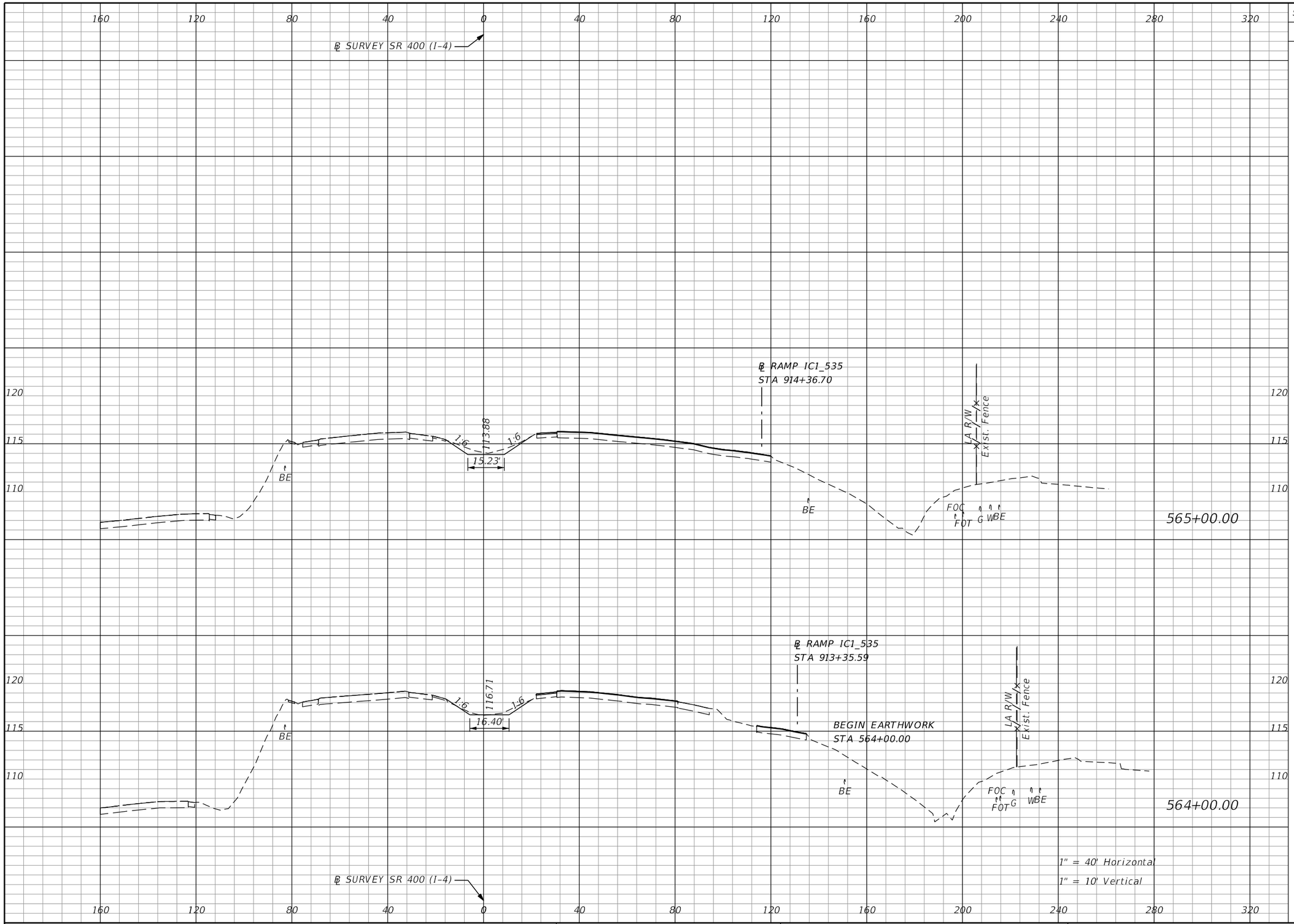

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		10.7		0.0	
	0.0		29.6		1.1
0.0		5.3		0.6	
	0.0		9.8		1.1

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SHEET NO.
387

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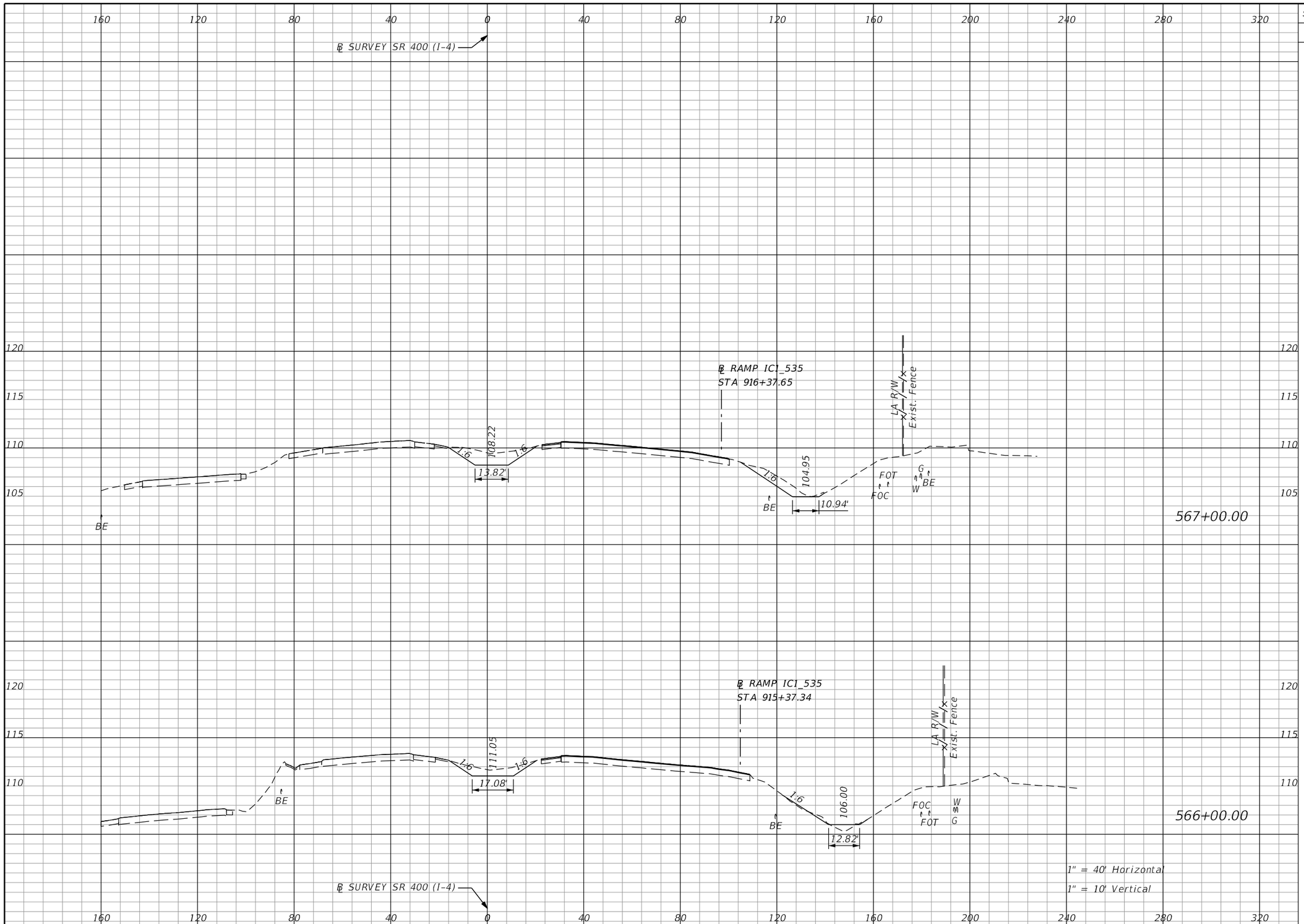

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	57.3	149.3	0.0	9.4
0.0	0.0	23.4	63.2	5.1	9.4

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SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
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SHEET NO. 388

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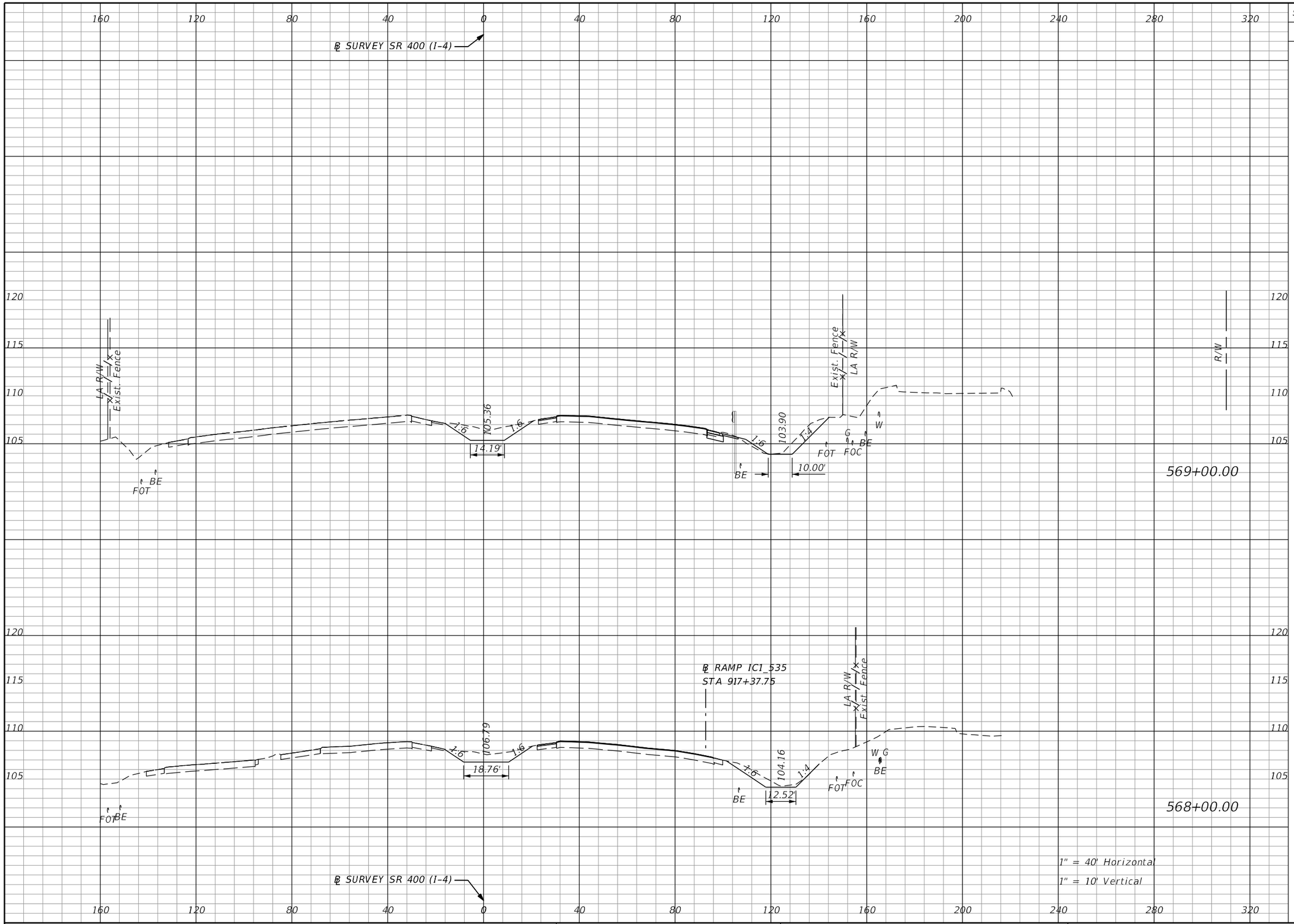

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	59.4	189.5	2.8	5.4
0.0	0.0	42.9	185.4	0.1	0.2

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SR 400 (I-4)
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SHEET NO. 389

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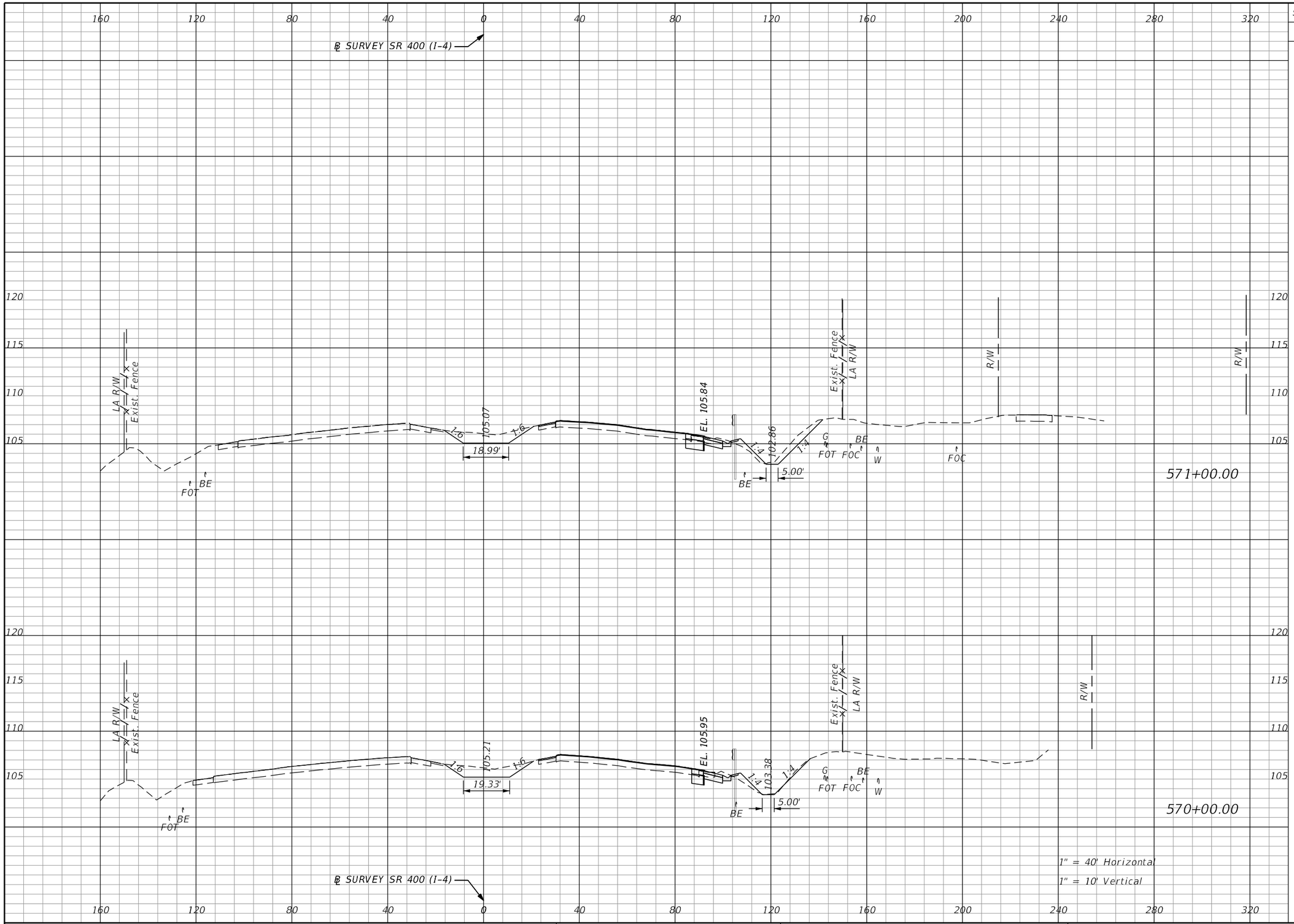

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	64.5	210.3	5.8	20.5
0.0	0.0	49.1	201.0	5.3	15.1

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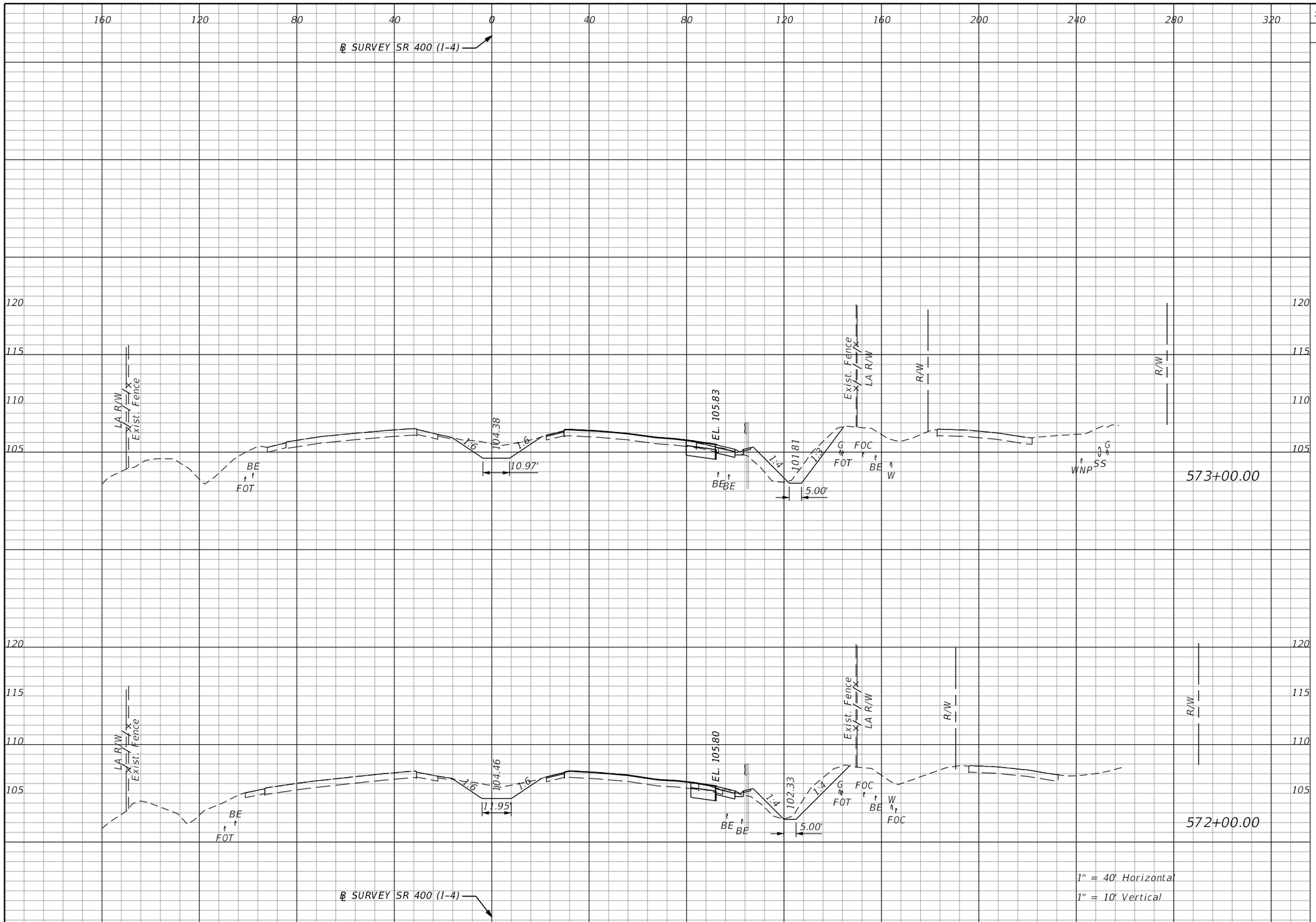
SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 390



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		83.3		19.3	
	0.0		307.9		55.2
0.0		83.0		10.5	
	0.0		273.1		30.1

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SR 400 (I-4)
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SHEET NO. 391

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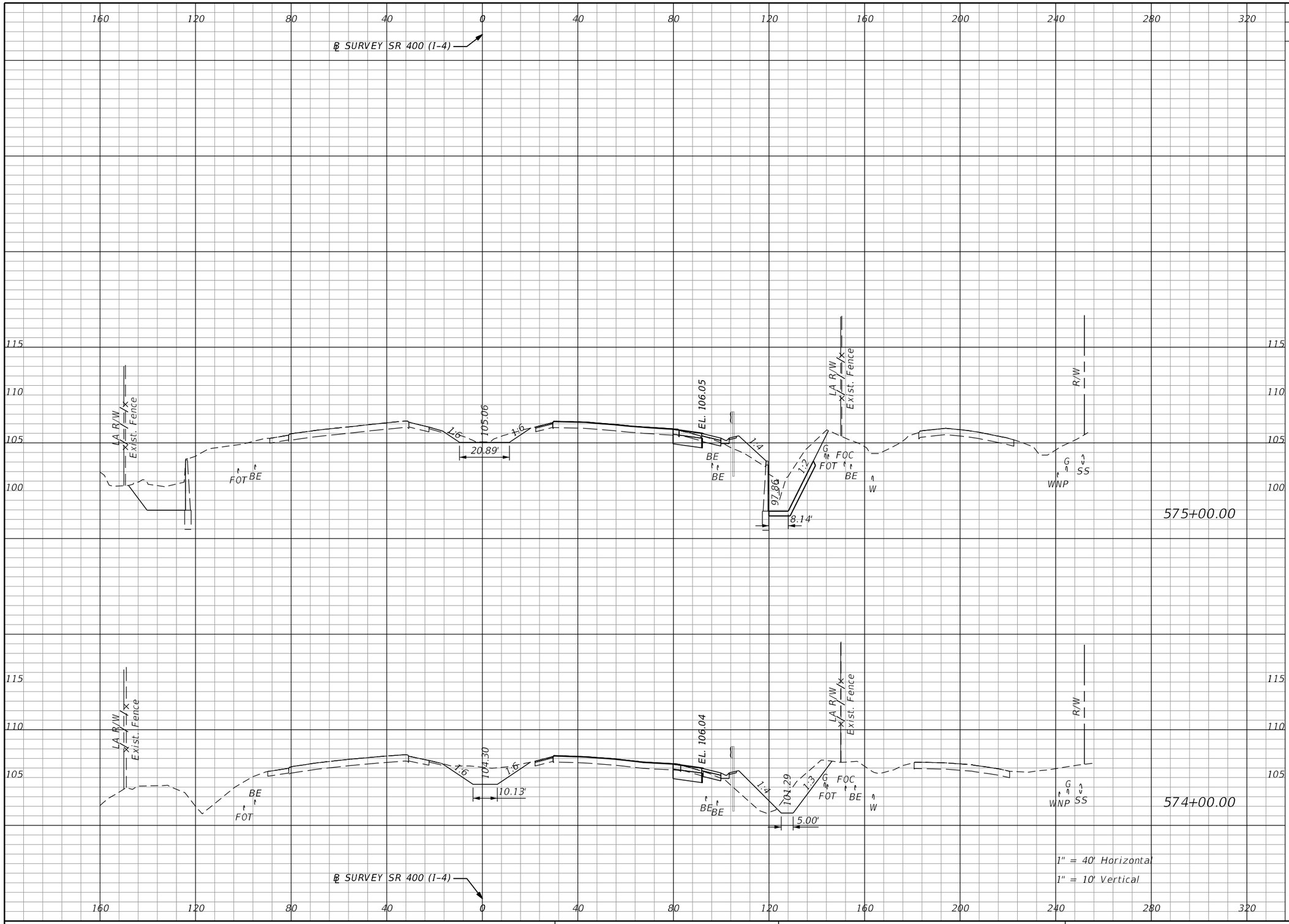

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		156.2		17.1	
	0.0		479.0		95.4
0.0		102.5		34.4	
	0.0		343.9		99.5

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SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 392

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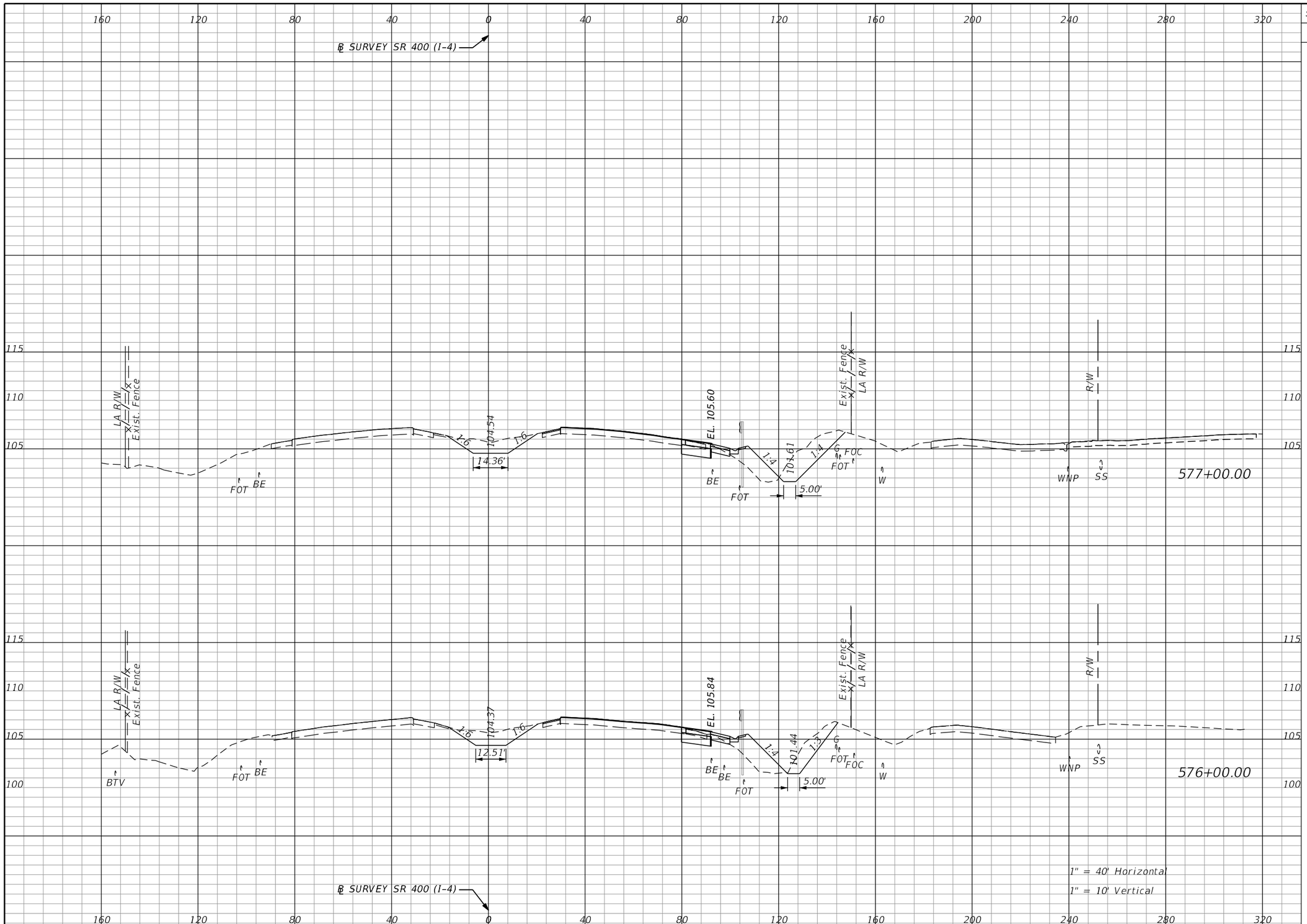

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	108.0	359.2	30.6	126.7
0.0	0.0	86.0	448.5	37.8	101.7

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SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 393

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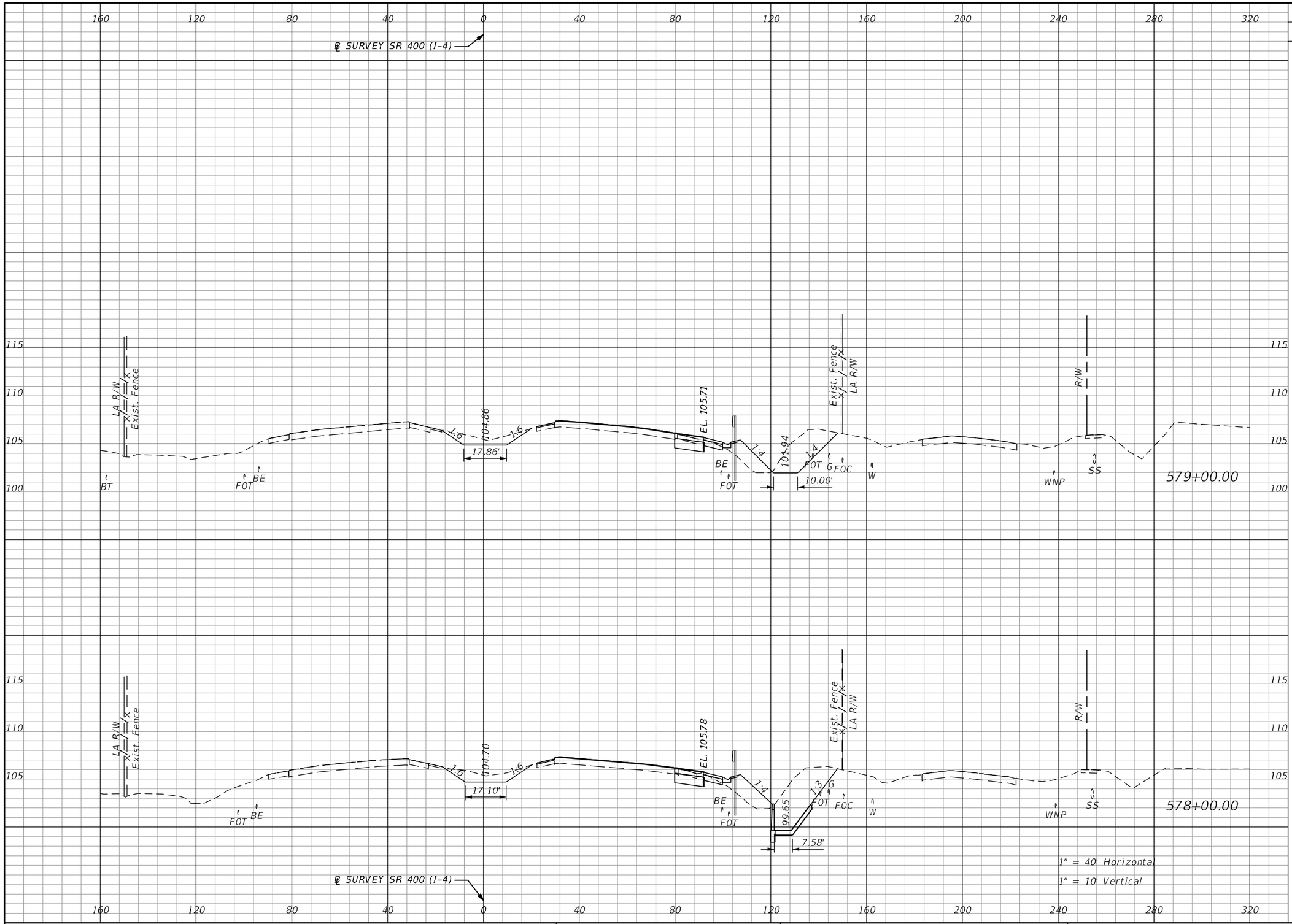

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		104.4		25.6	
	0.0		440.5		104.4
0.0		133.5		30.7	
	0.0		447.1		113.6

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Michael Scott Phillips, P.E.
P.E. License No. 61806
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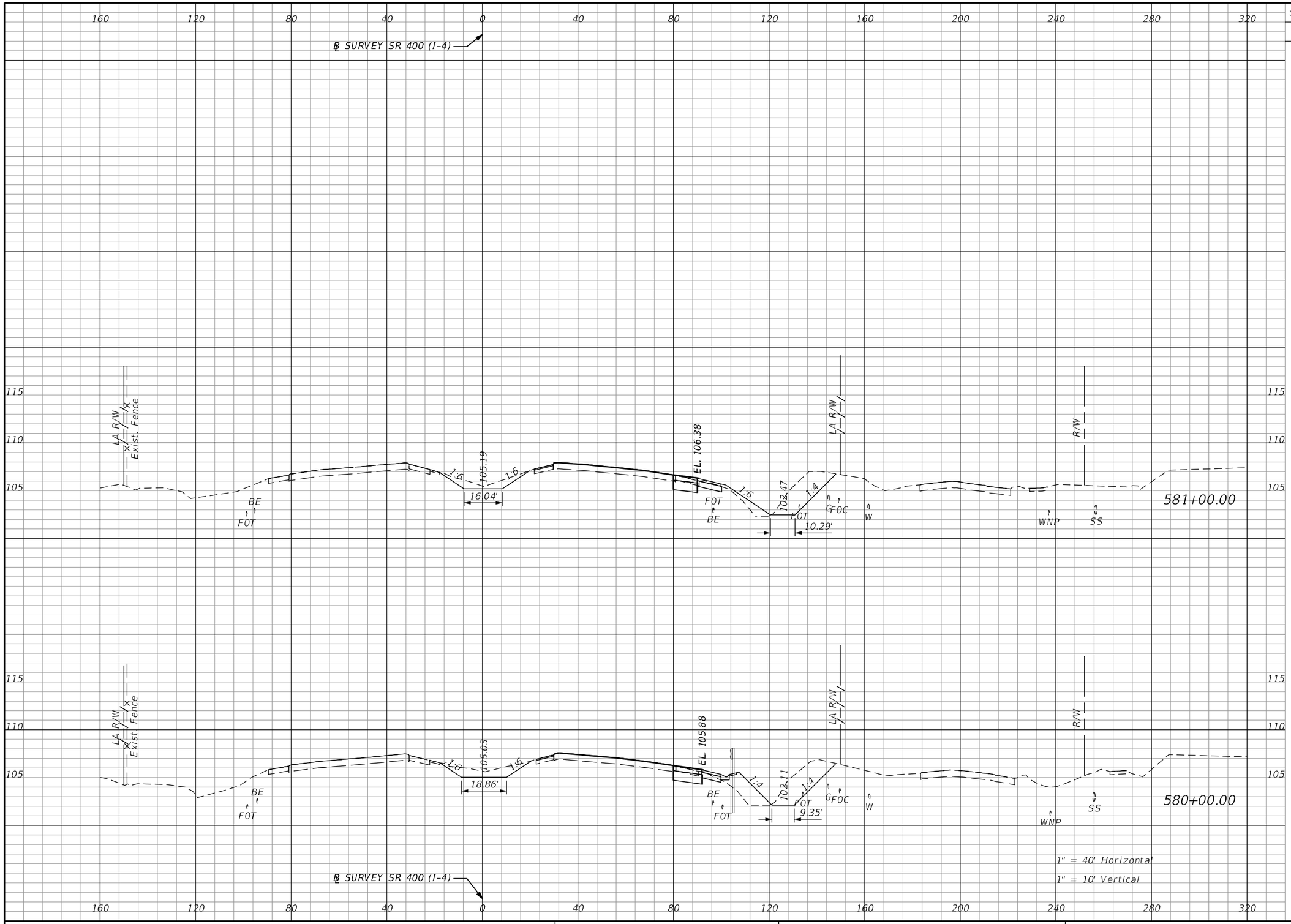
Orlando, FL. 32801
T 407.843.6552 F 407.839.1789
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 394



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	92.2	355.6	11.3	72.7
0.0	0.0	99.8	378.0	27.9	99.2

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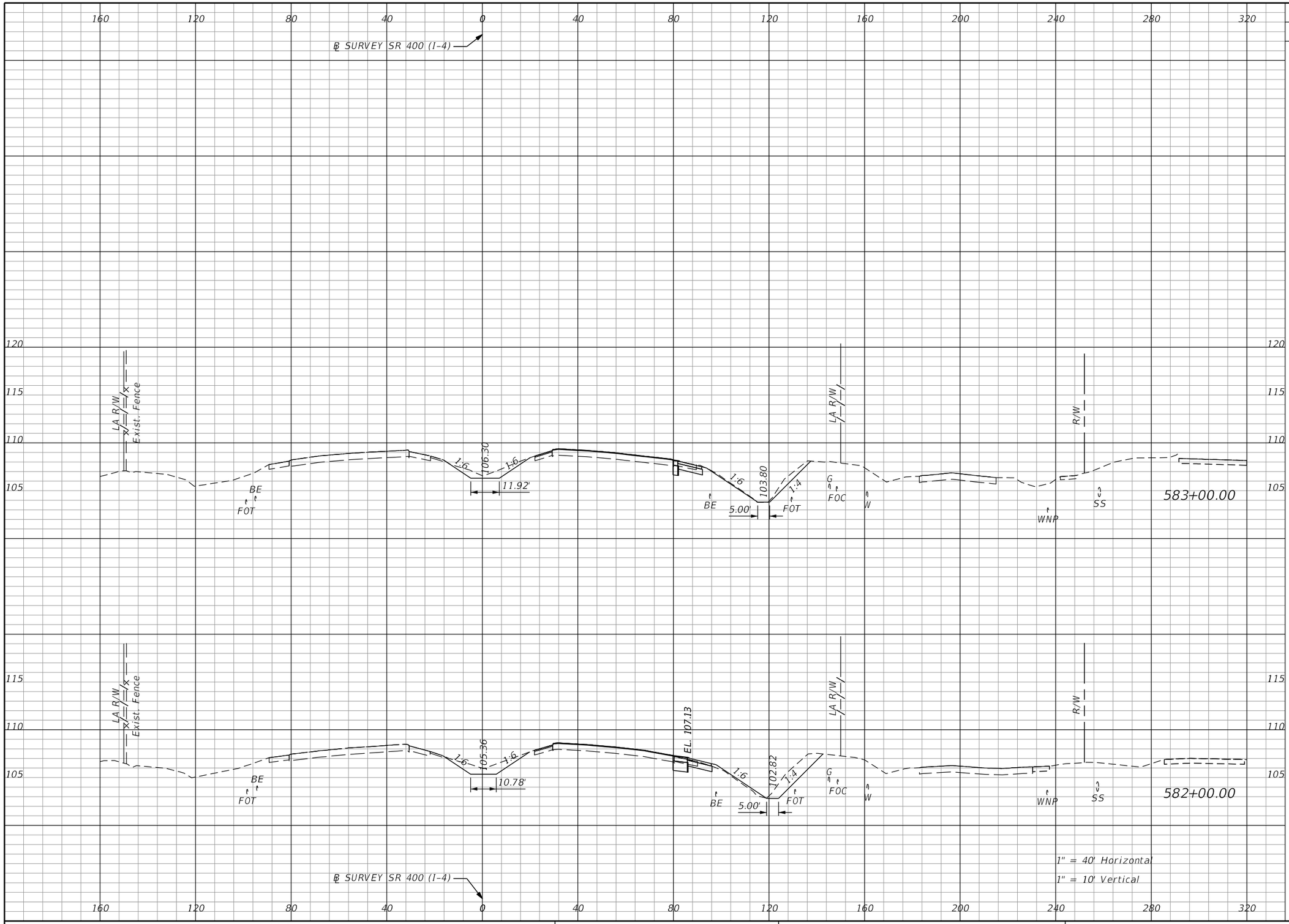
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 395

glen.dvorovy 5/6/2020 5:06:50 PM c:\pwworking\aecom_na\glen.dvorovy\d0166331\RDXSRD01_SR400.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	39.3	196.4	0.0	8.3
0.0	0.0	66.7	294.4	4.5	29.2

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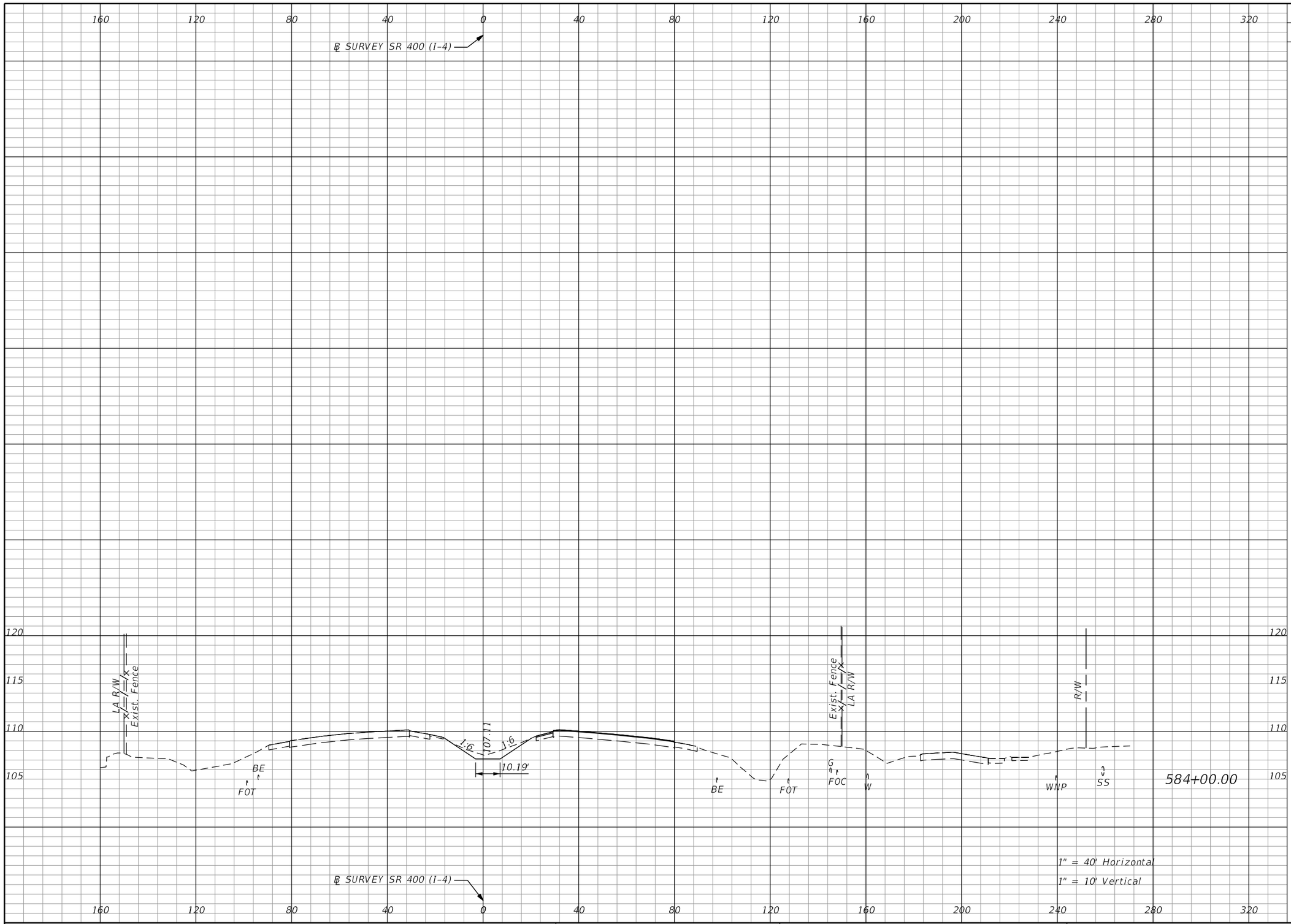
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 396



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	14.6	99.8	0.0	0.1

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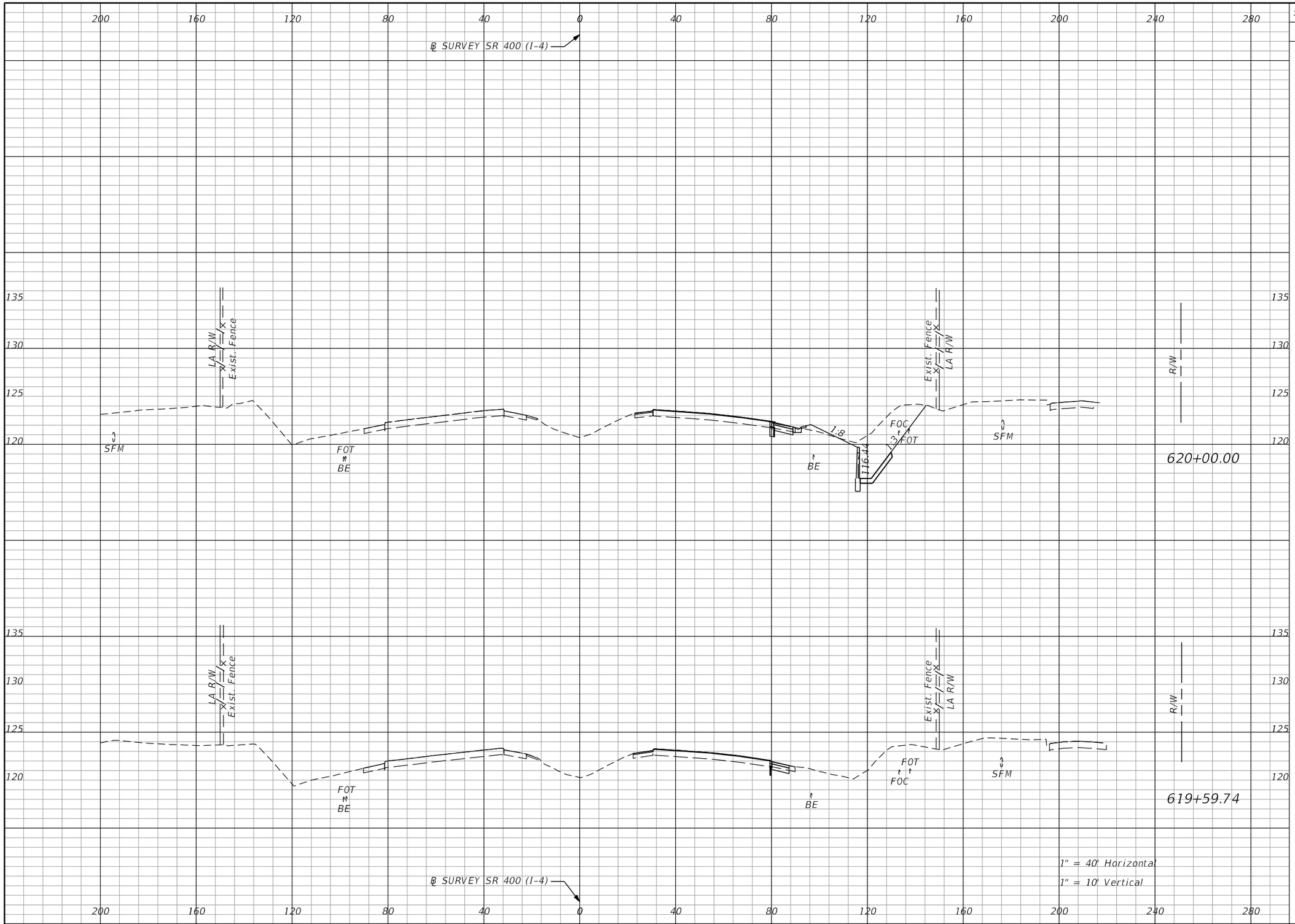
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 397



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		106.3		4.1	
	0.0		84.3		3.0
0.0		6.8		0.0	
	0.0		0.0		0.0

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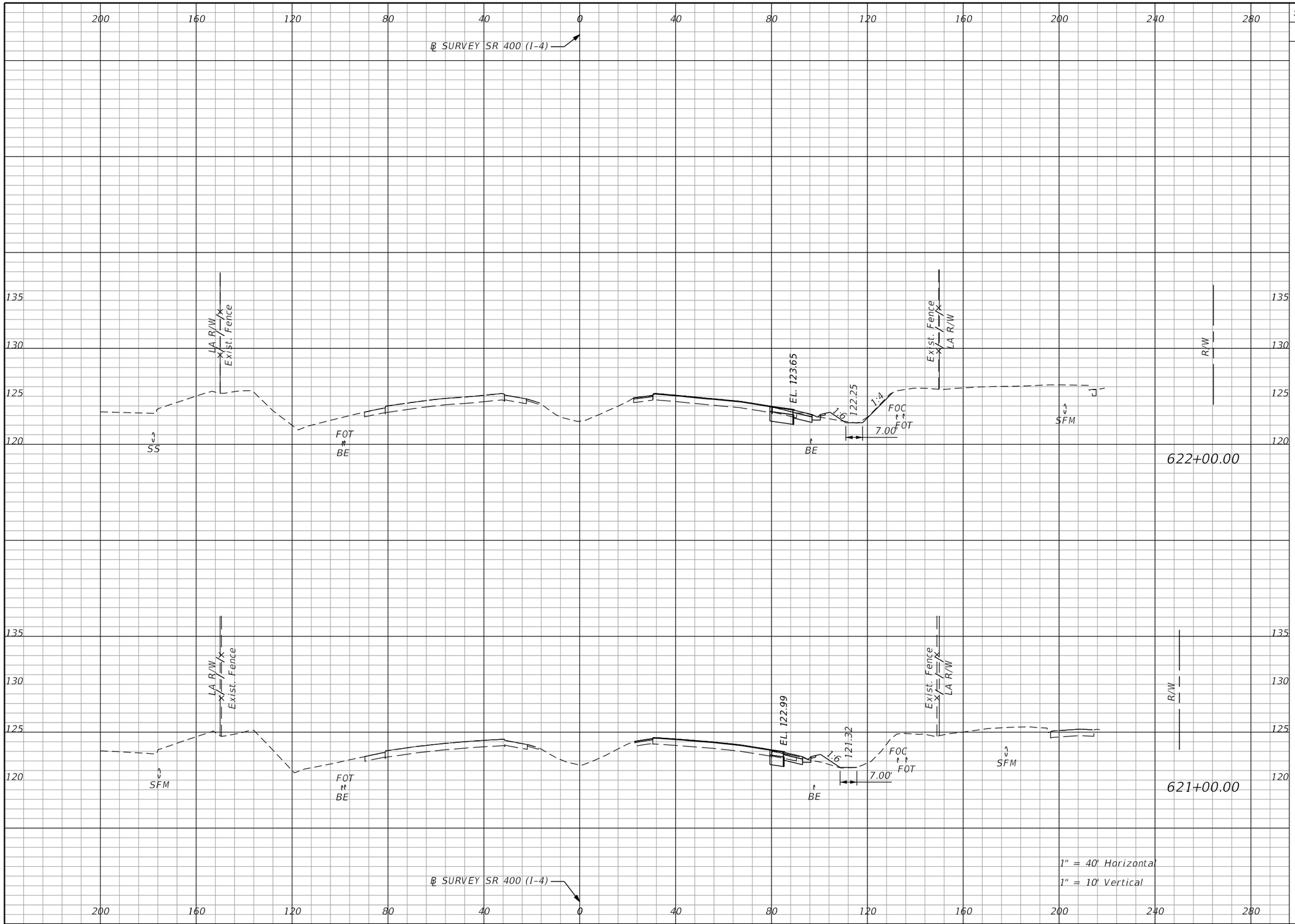
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 398



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	22.8	70.1	3.6	16.9
0.0	0.0	15.1	224.8	5.5	17.8

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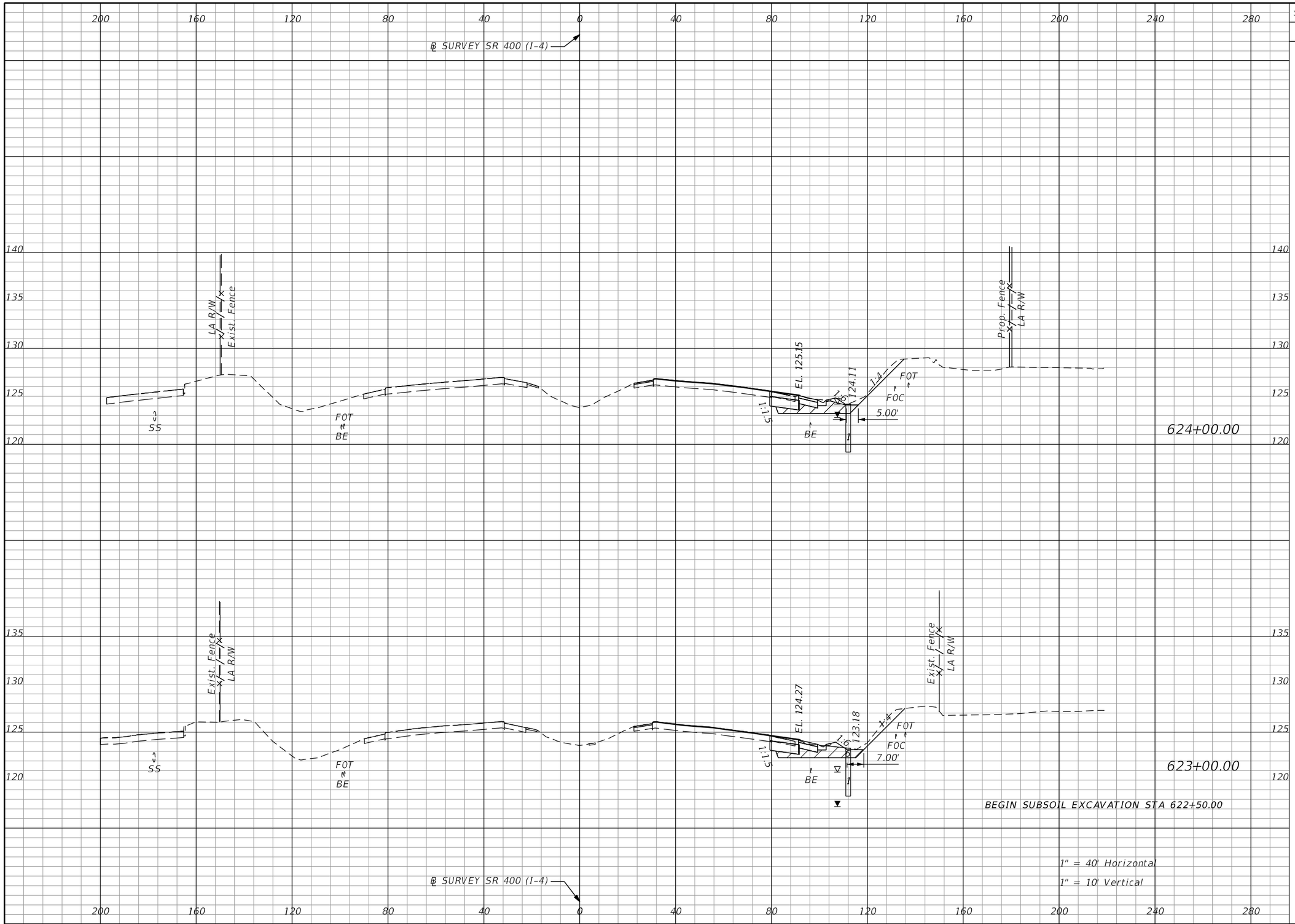
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 399



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
27.9	106.9	36.0	133.7	29.8	113.6
29.8	55.2	36.2	109.2	31.6	65.2

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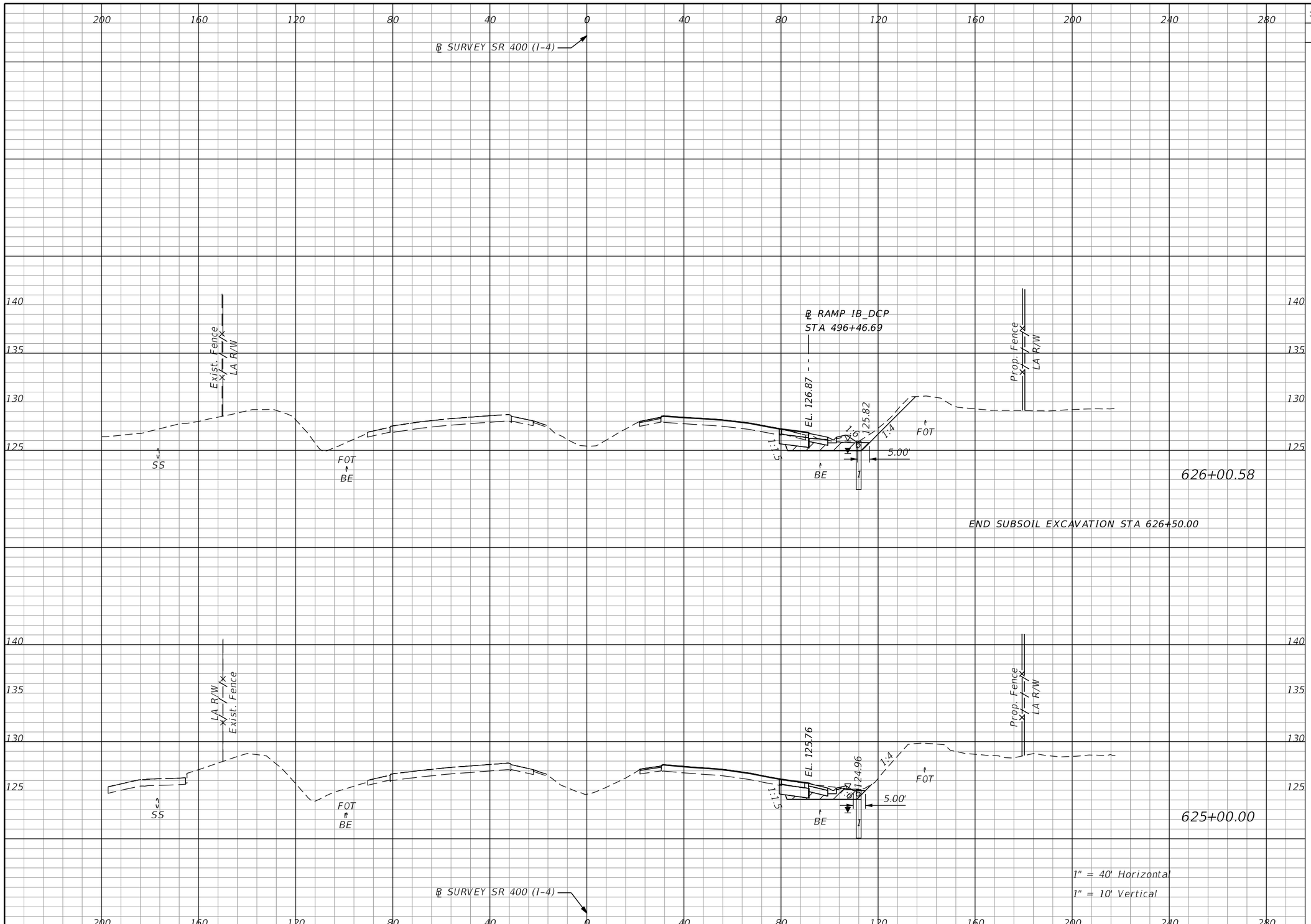
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 400



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
25.3		34.1		29.3	
	85.3		119.0		94.2
20.5		29.8		21.2	
	89.7		121.9		94.4

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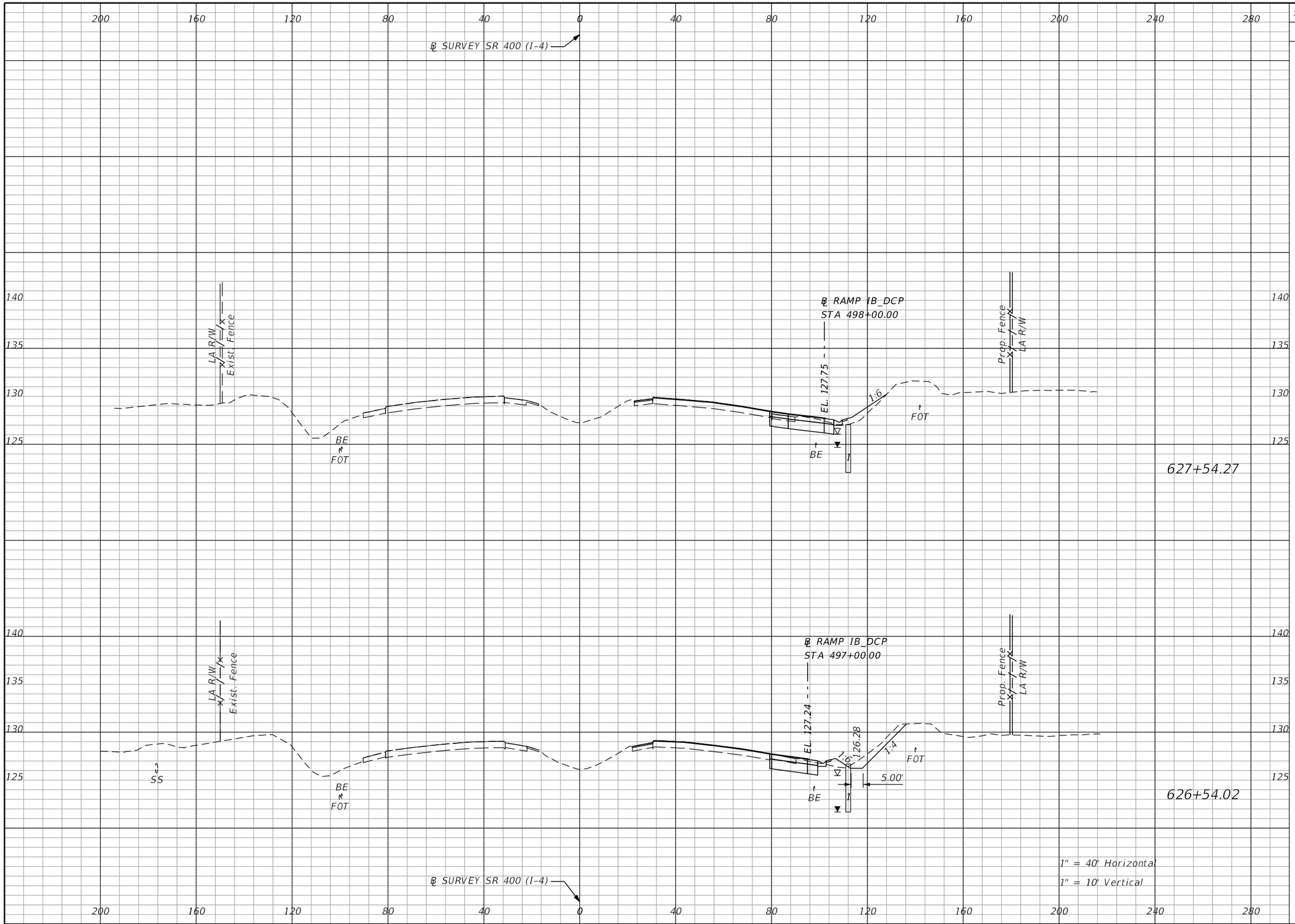
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 401

glen.dvorovy 5/6/2020 5:07:21 PM c:\pwworking\aecom_na\glen.dvorovy\d0166331\RDXSRD01_SR400.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		35.6		9.8	
	0.0		151.2		27.0
0.0		45.9		4.7	
	25.0		79.2		33.7

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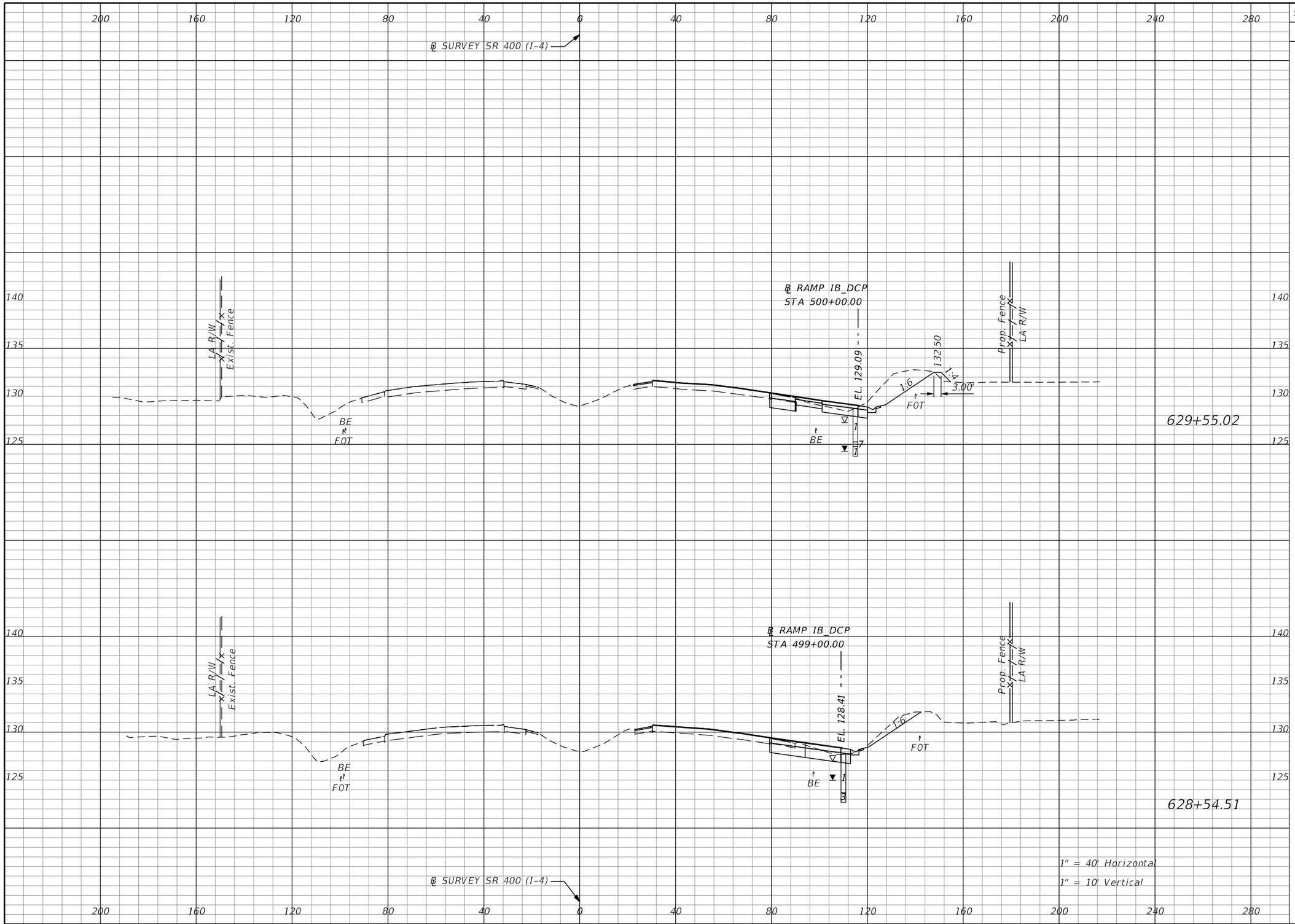
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 402



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	83.3	256.7	2.7	5.0
0.0	0.0	54.6	167.3	0.0	18.3

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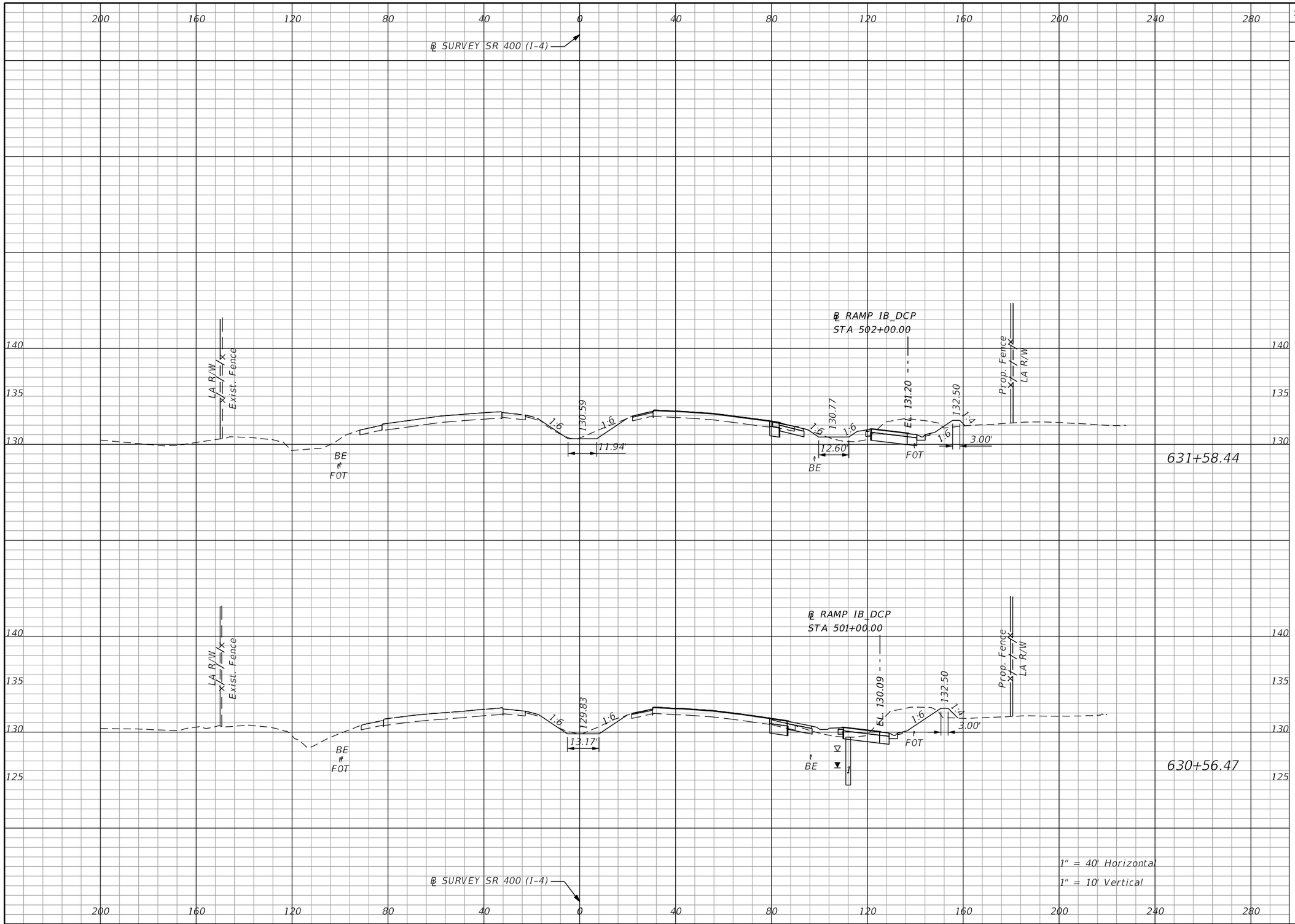
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 403



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	80.1	308.5	15.0	52.6
0.0	0.0	83.3	313.0	12.8	29.1

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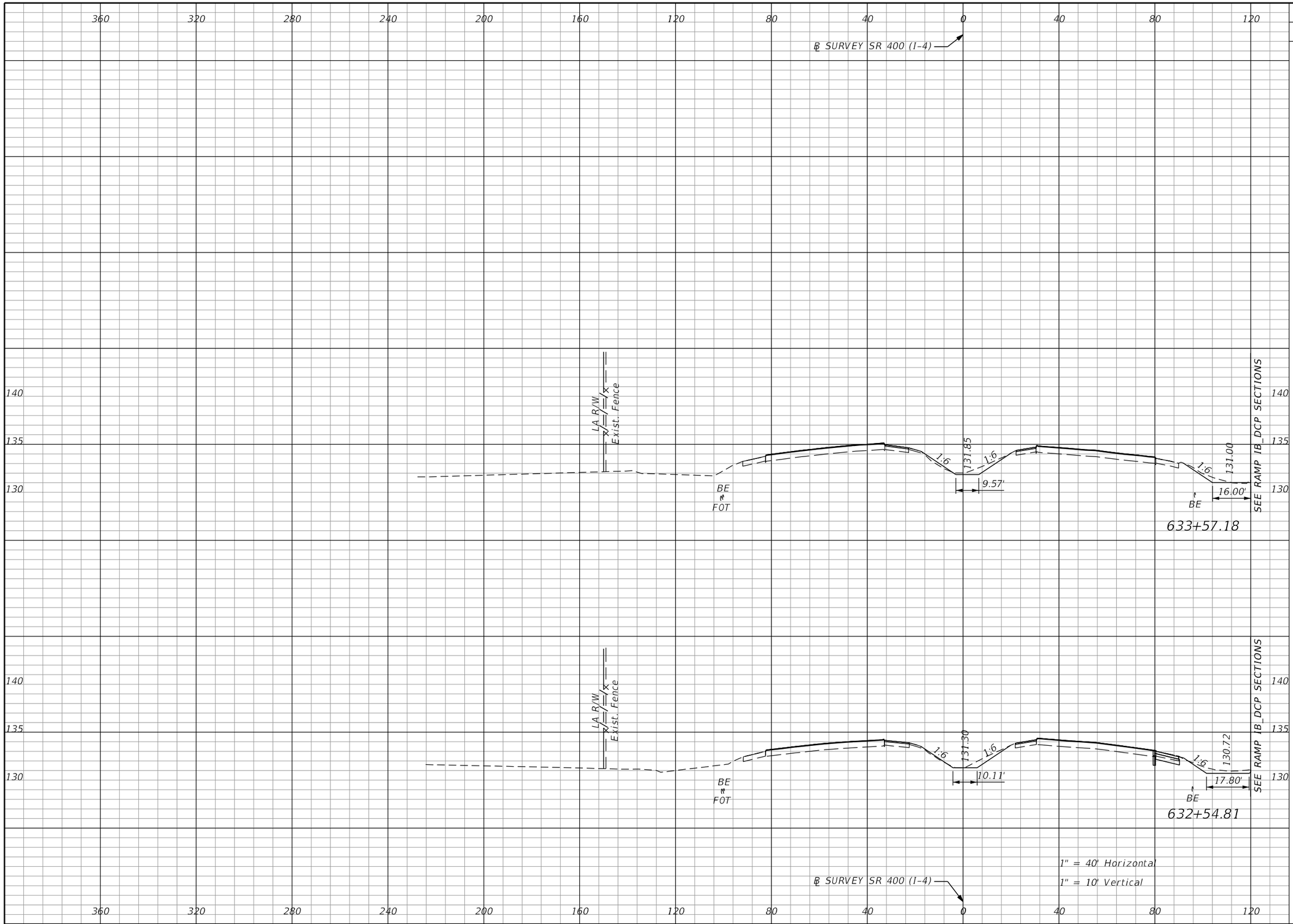
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 404



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	13.0	71.9	2.6	7.1
0.0	0.0	24.9	187.4	1.1	28.8

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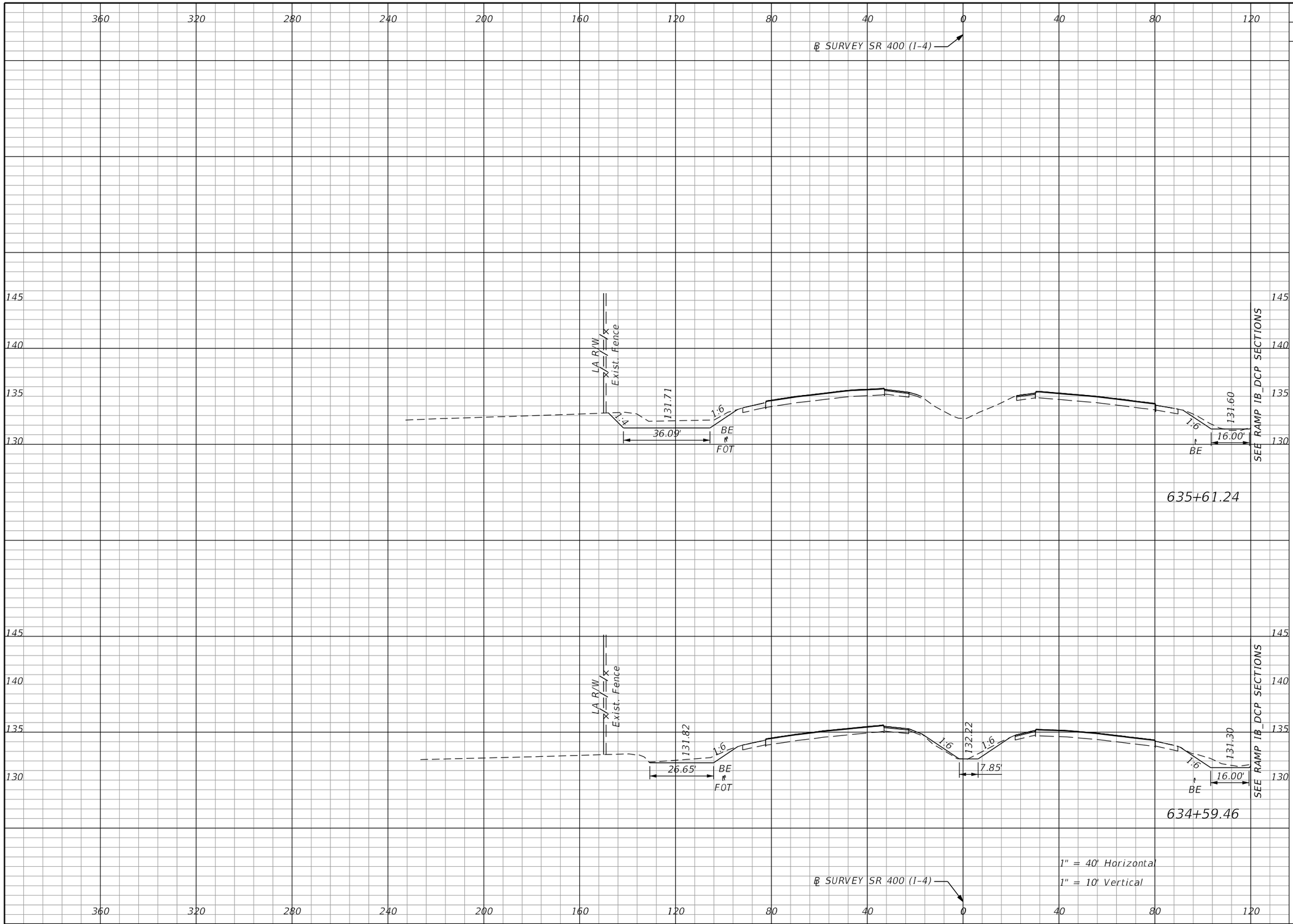
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 405



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		51.0		1.0	
	0.0		149.2		7.2
0.0		28.1		2.8	
	0.0		77.9		10.4

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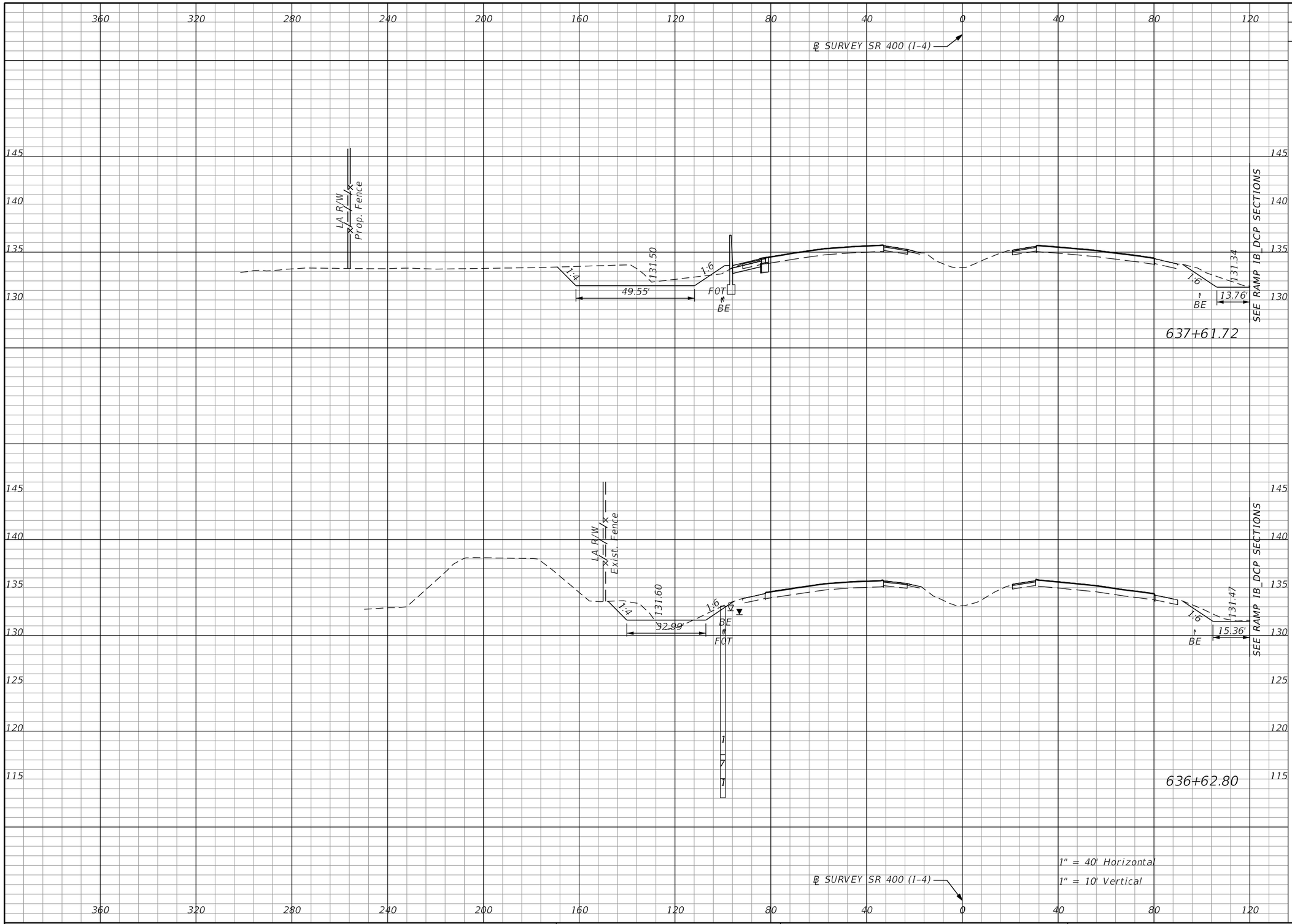
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 406



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	111.3	301.1	3.5	23.8
0.0	0.0	53.0	195.6	9.5	19.7

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 407

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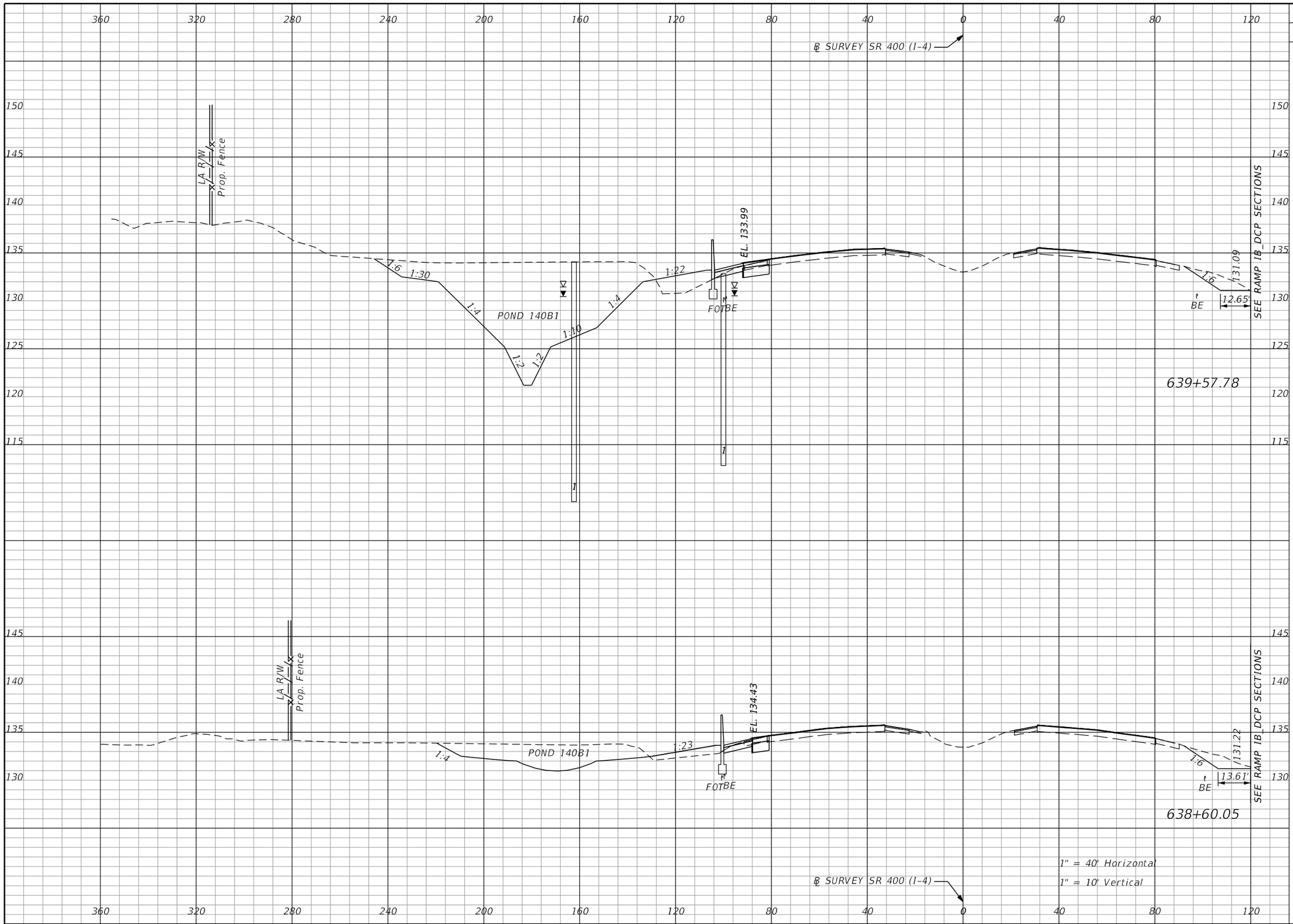

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		682.3		36.2	
	0.0		1577.3		100.6
0.0		189.3		19.4	
	0.0		547.4		41.6

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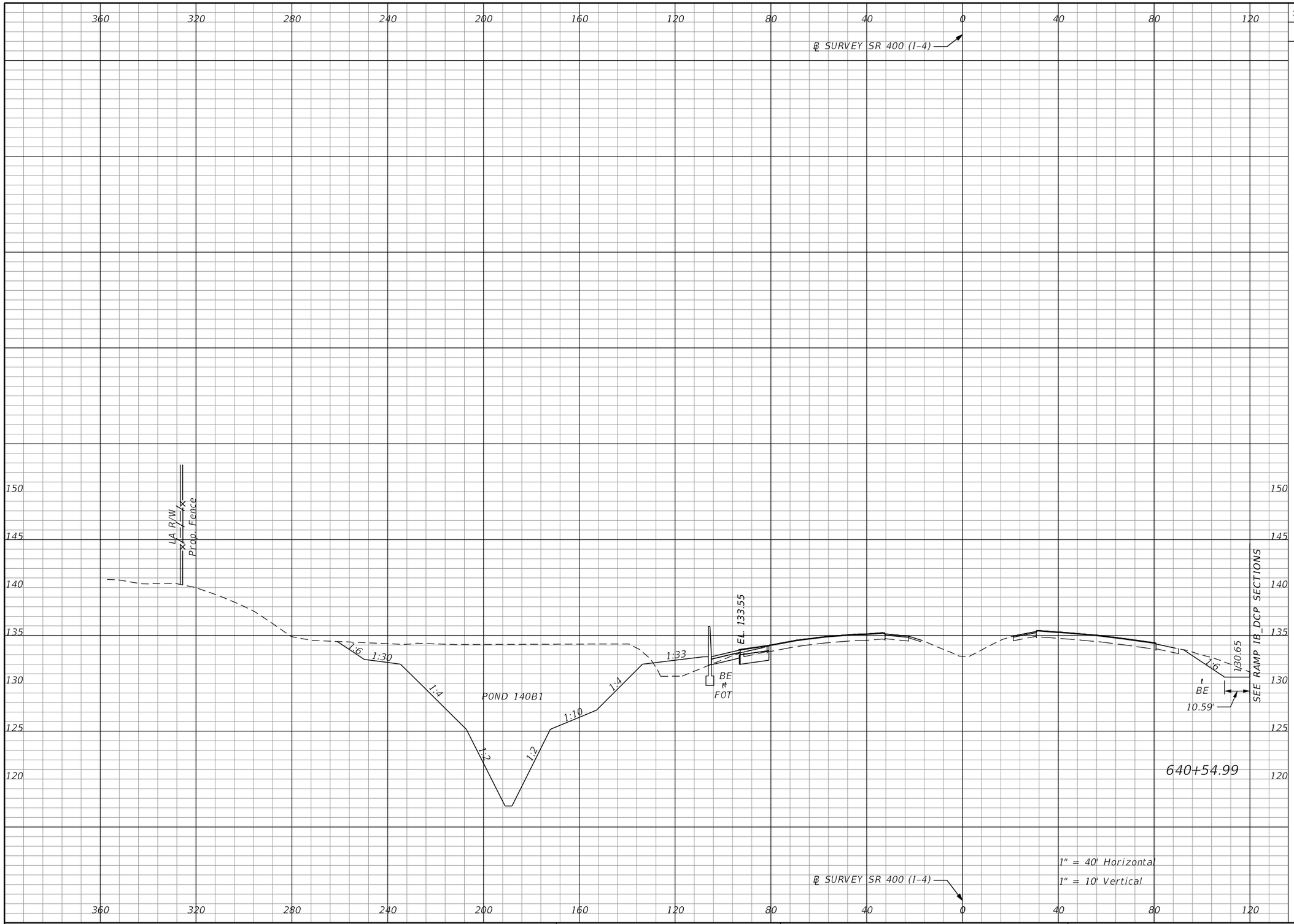
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 408



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	937.7	2916.3	31.6	122.1

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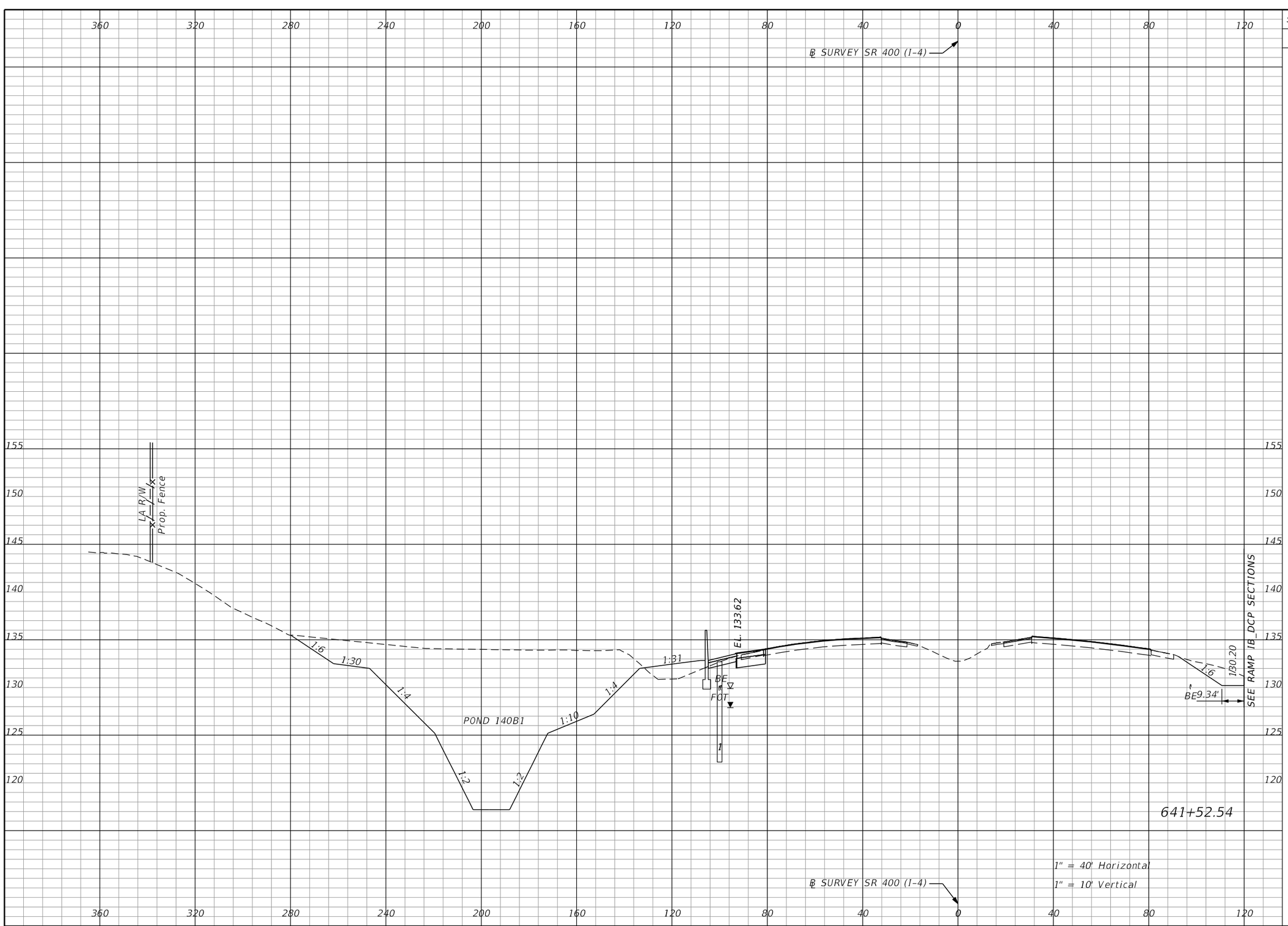
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 409

glen.dvorovy 5/6/2020 5:07:33 PM c:\pwworking\aecom_na\glen.dvorovy\d0166331\RDXSRD01_SR400.DGN

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	1164.3	3797.1	30.9	113.0



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SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 410

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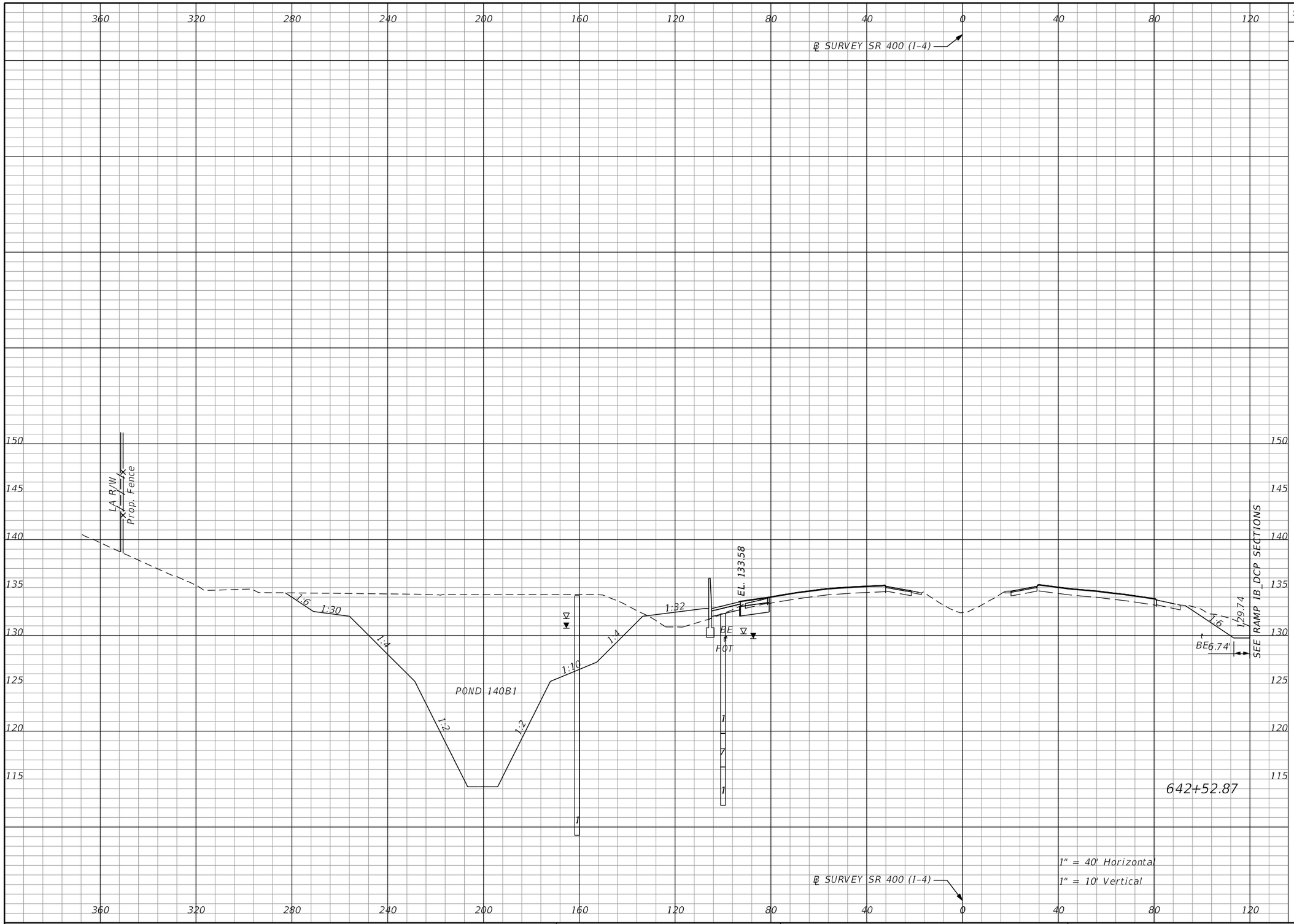

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	1370.6	4710.1	31.6	116.2

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 411

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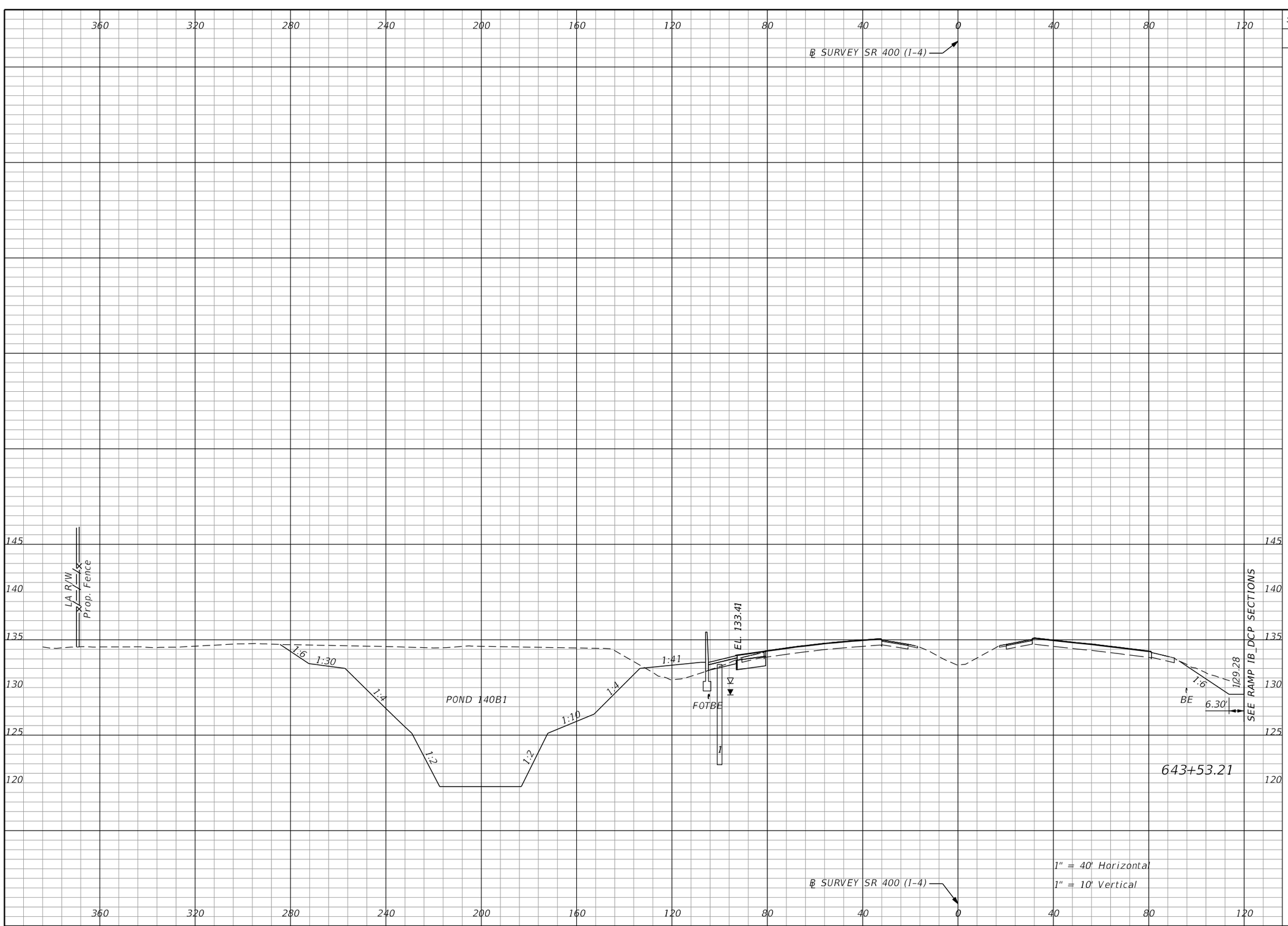

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	1243.9	4858.1	28.9	112.4

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
P.E. License No. 61806
AECOM TECHNICAL SERVICES, Inc.
150 N. Orange Avenue, Suite 200
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T 407.843.6552 F 407.839.1789
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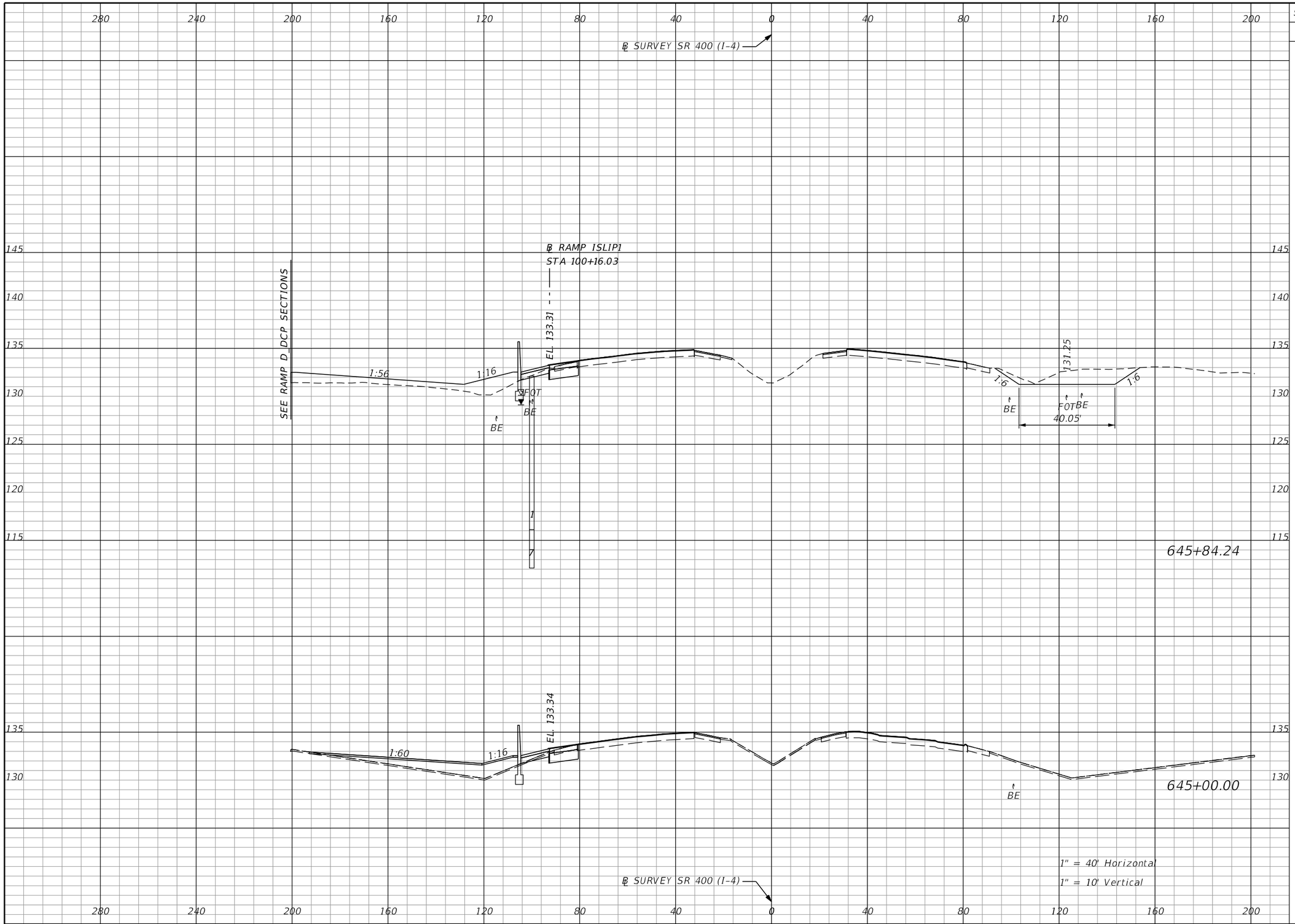
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 412



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	76.9	151.9	81.5	223.1
0.0	0.0	20.5	3437.1	61.5	245.7

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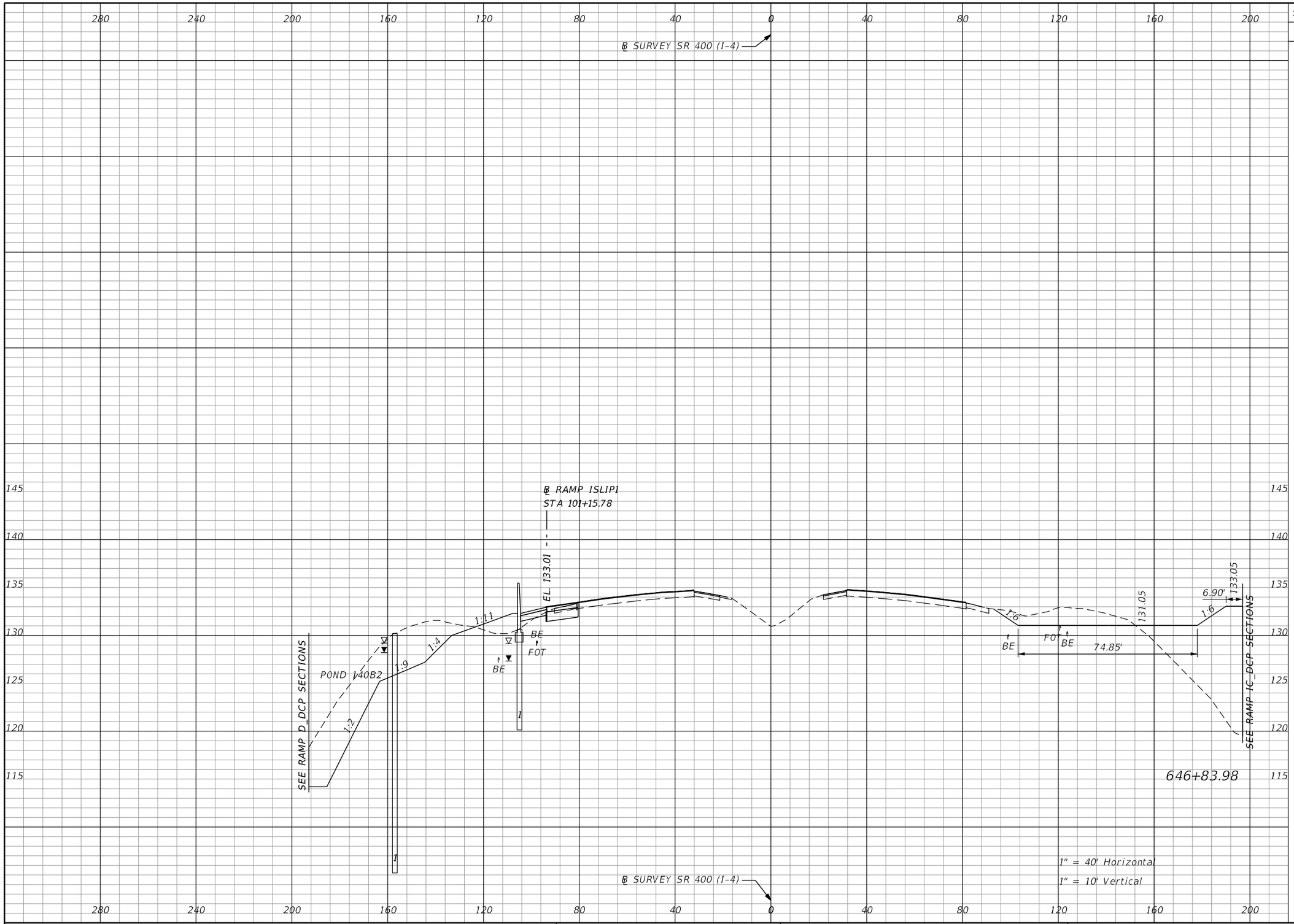
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 413



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	372.3	829.7	298.8	702.4

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 414

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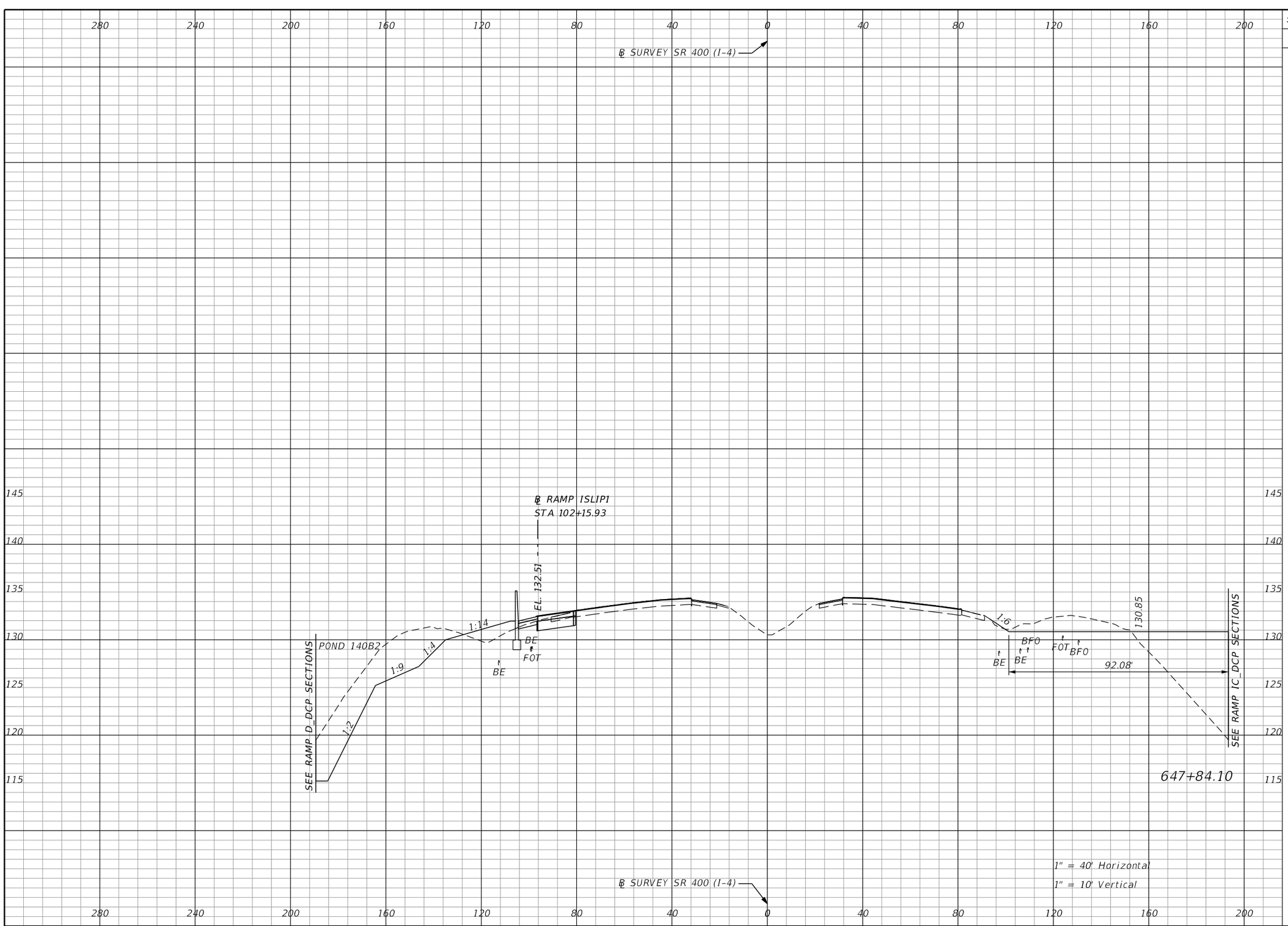

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	307.0	1259.5	253.6	1024.1

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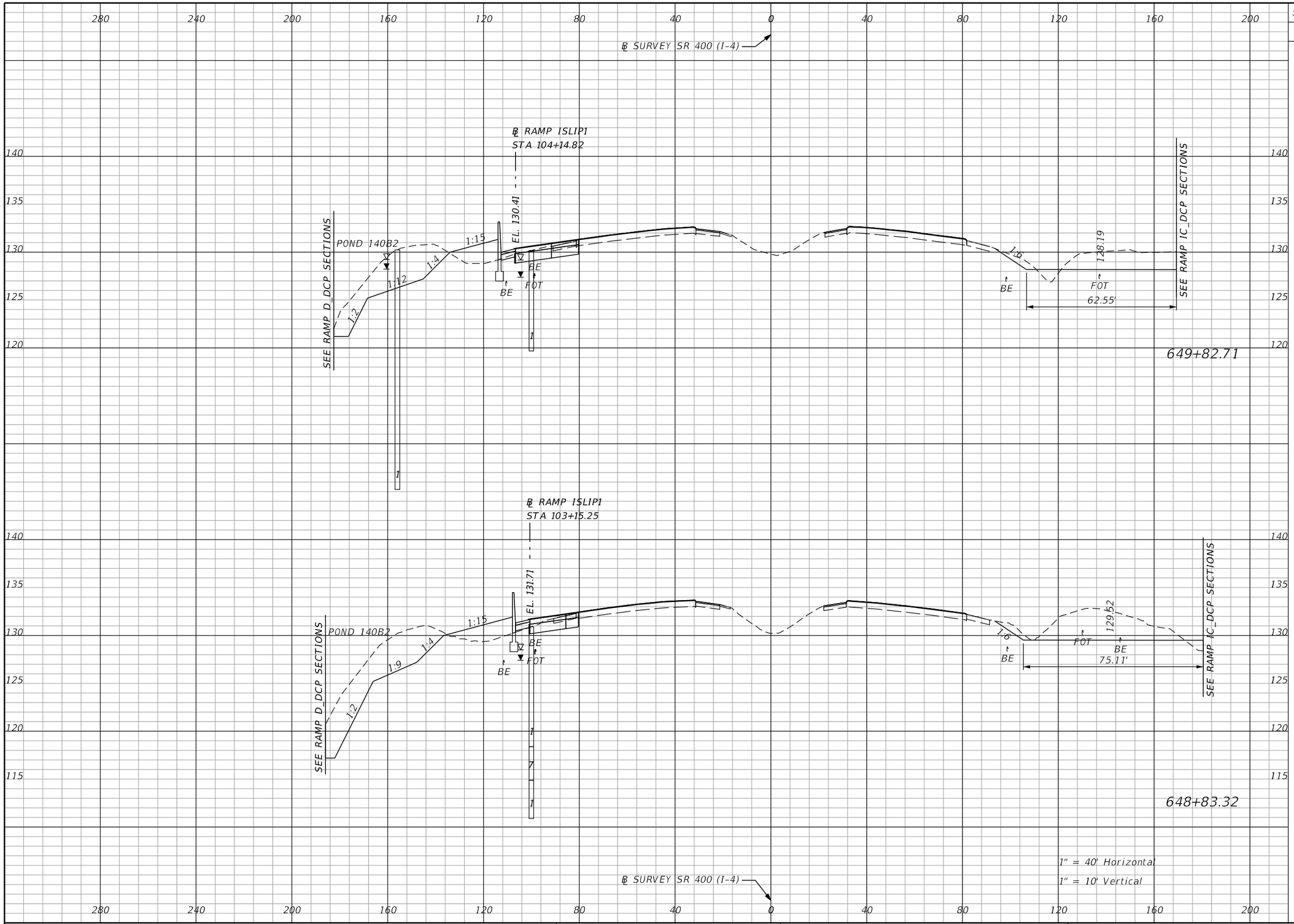
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 415



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	264.6	1116.0	40.2	152.2
0.0	0.0	341.7	1192.2	42.5	544.1

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 416

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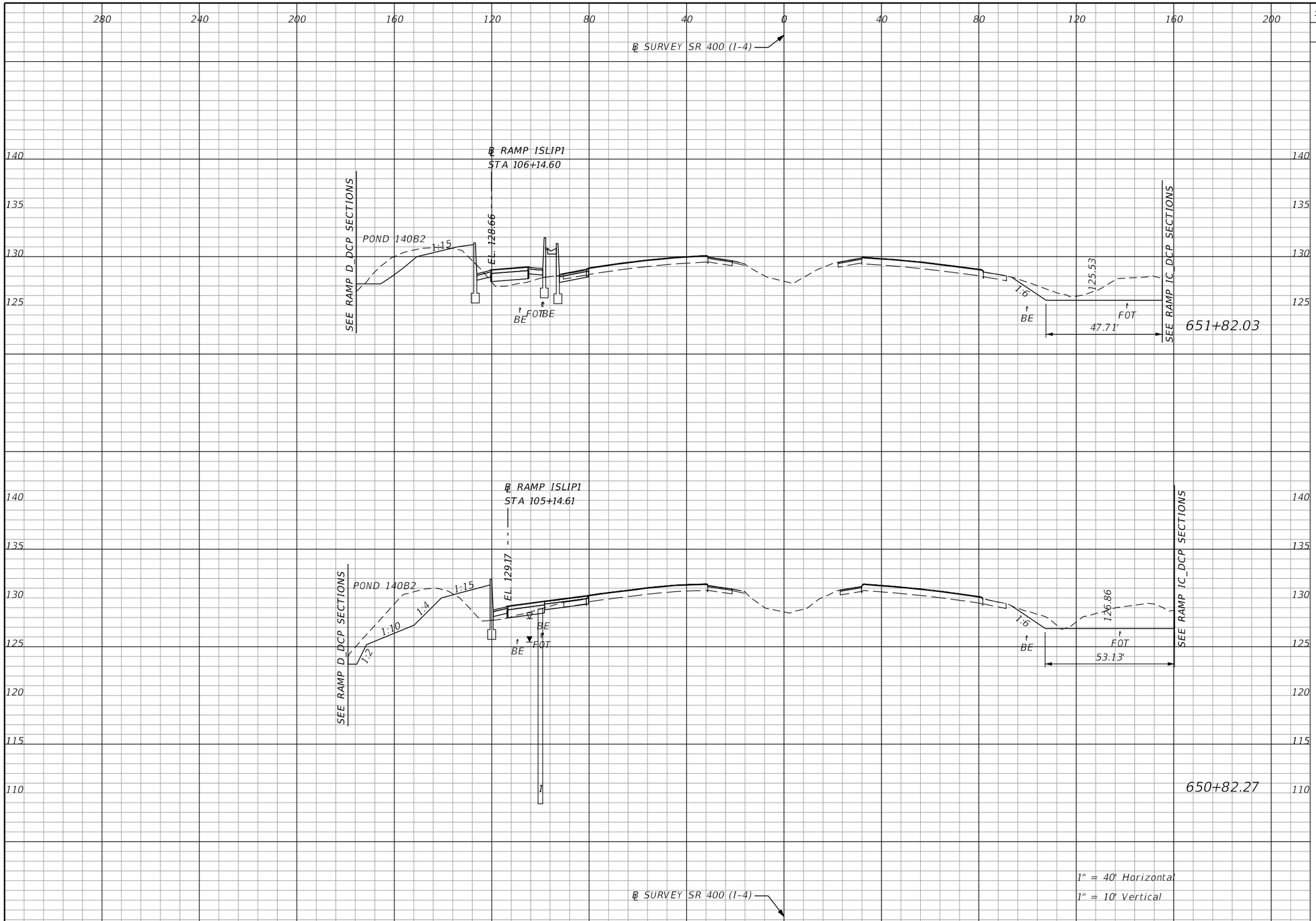

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	127.8	597.0	28.3	114.4
0.0	0.0	195.3	848.0	33.6	136.1

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 417

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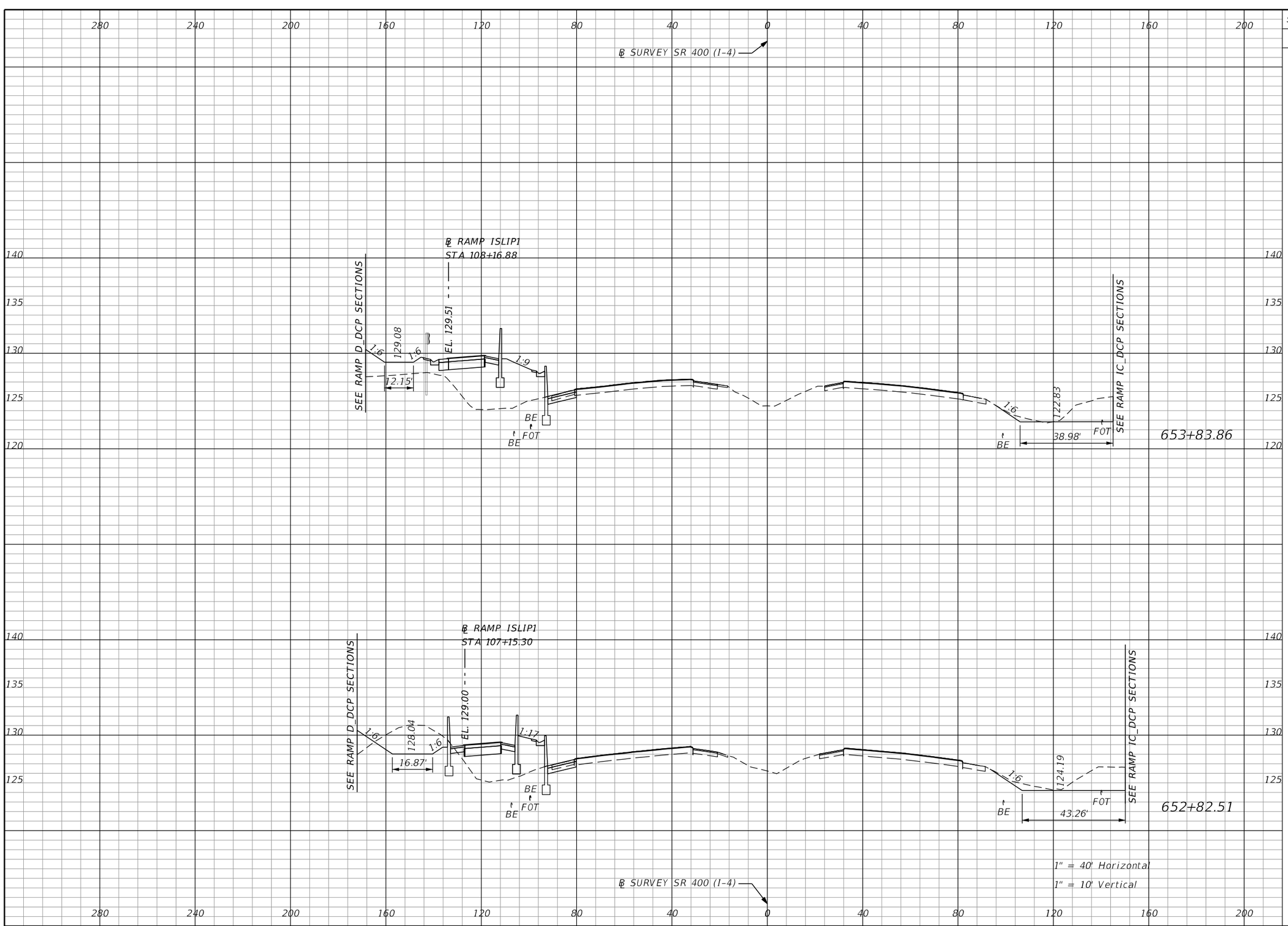

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	55.6	359.7	196.3	554.3
0.0	0.0	136.1	491.1	99.0	236.9

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 418

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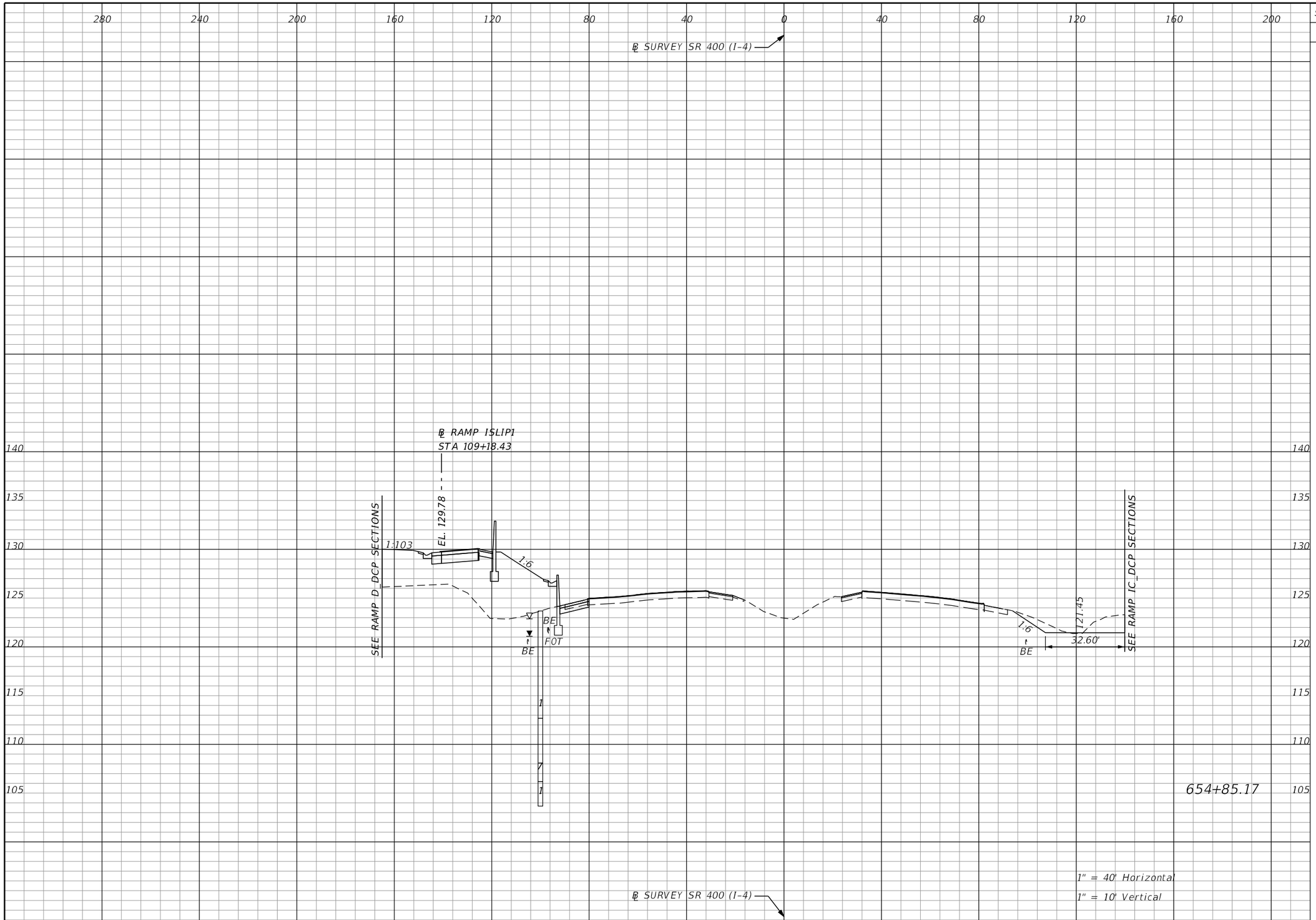

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	44.1	187.0	278.7	891.2

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 419

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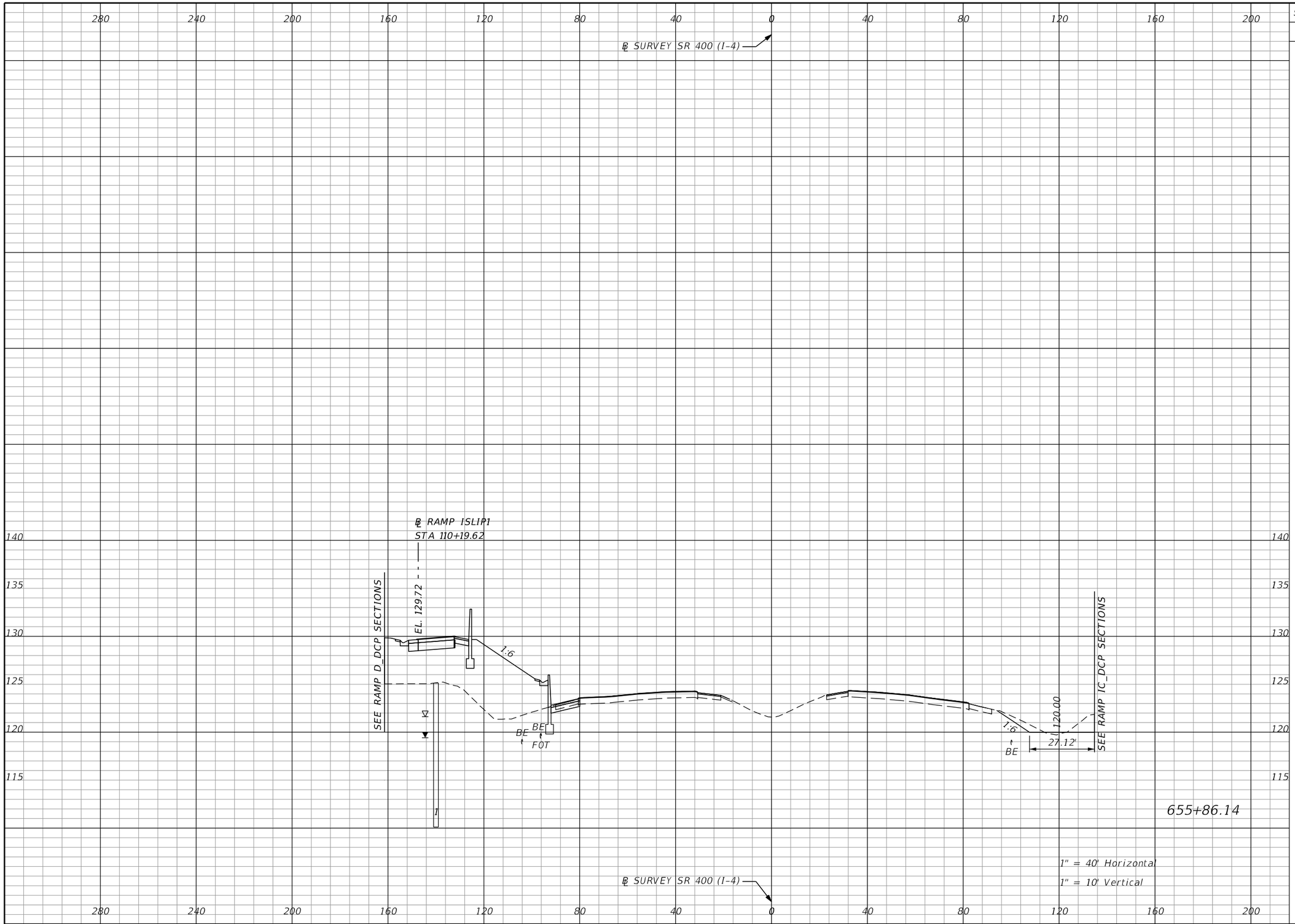

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	30.4	139.4	311.0	1102.6

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 420

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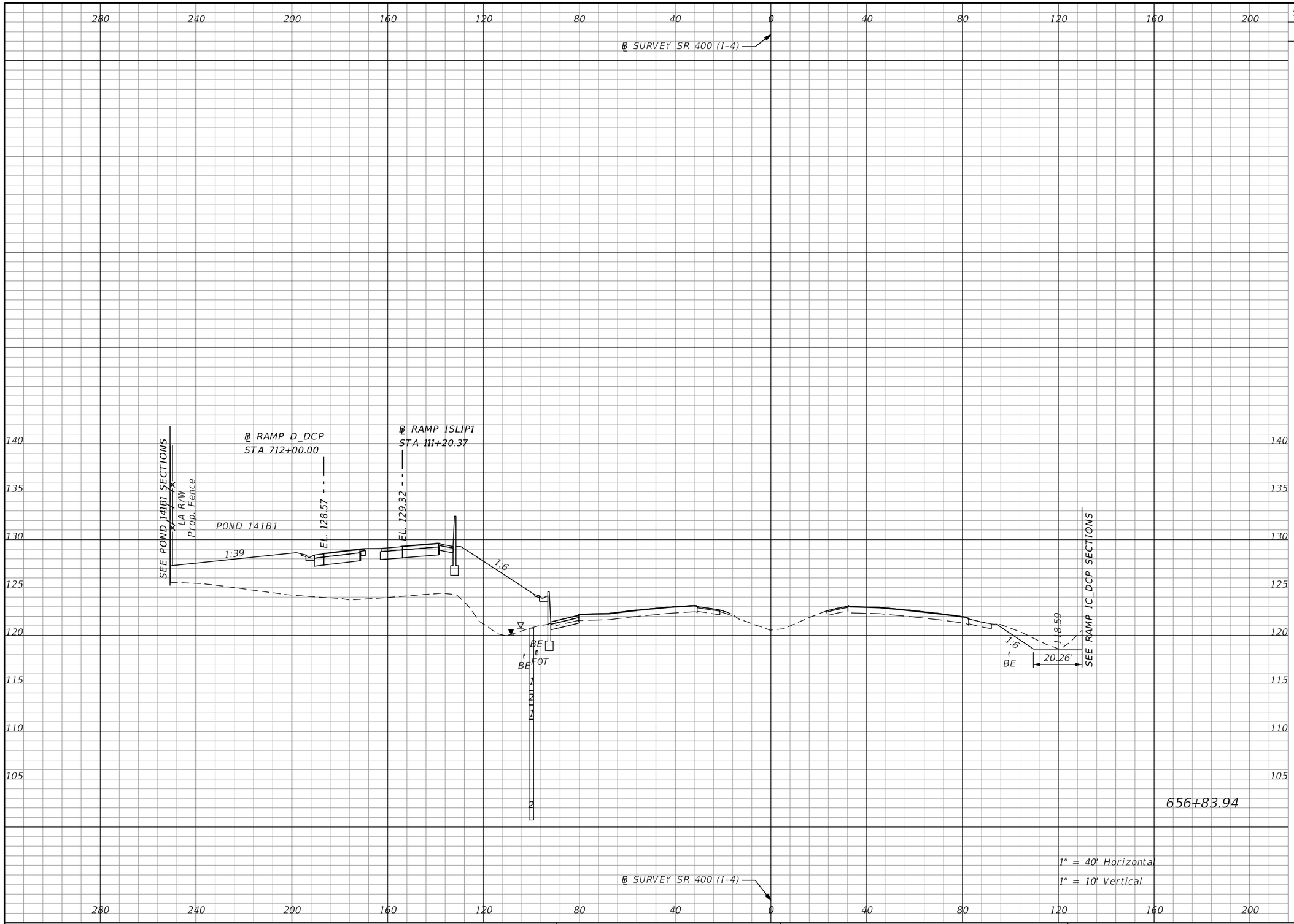

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	33.8	116.3	625.7	1696.6

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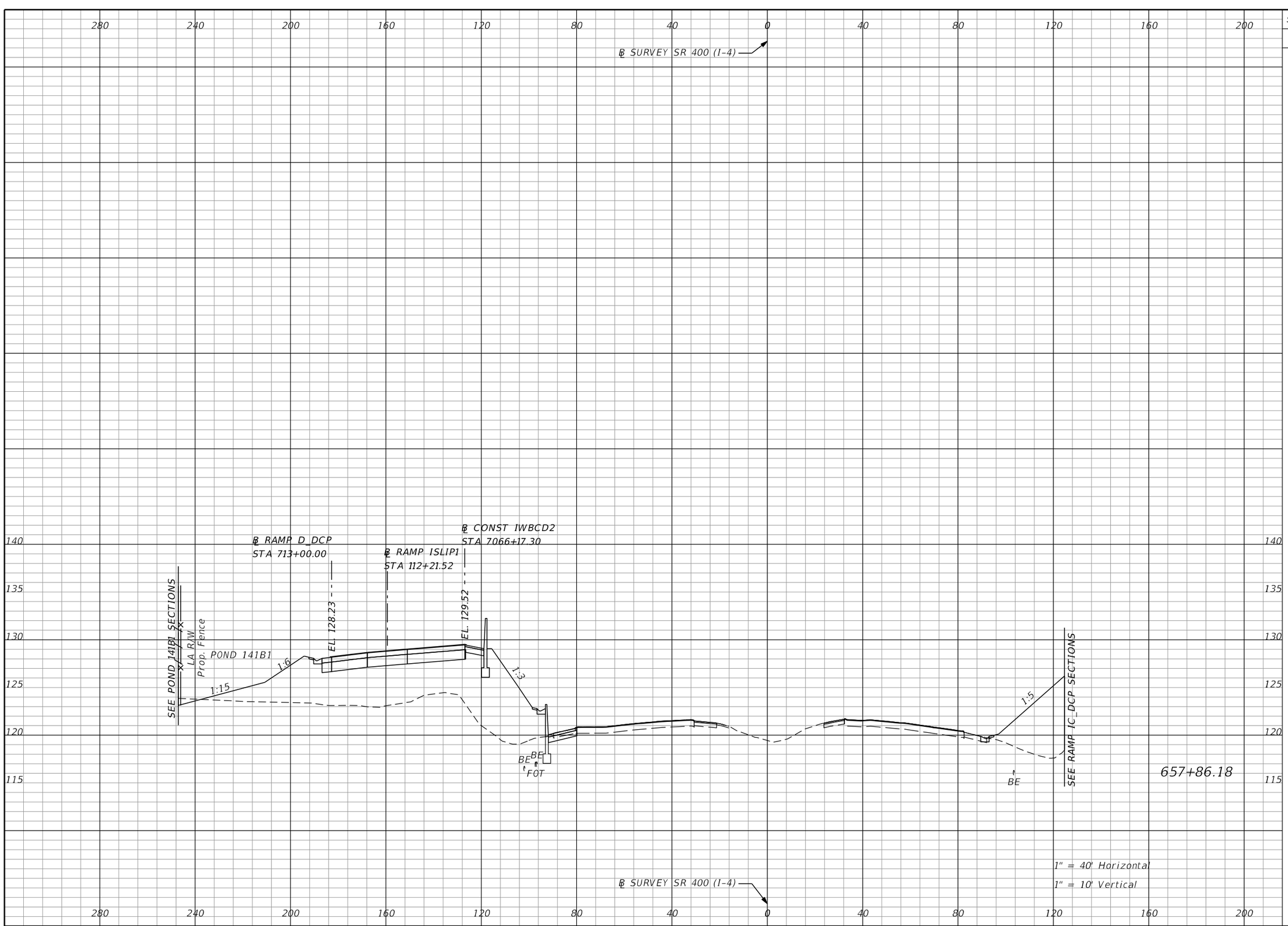
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 421



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	15.1	92.5	683.4	2478.6

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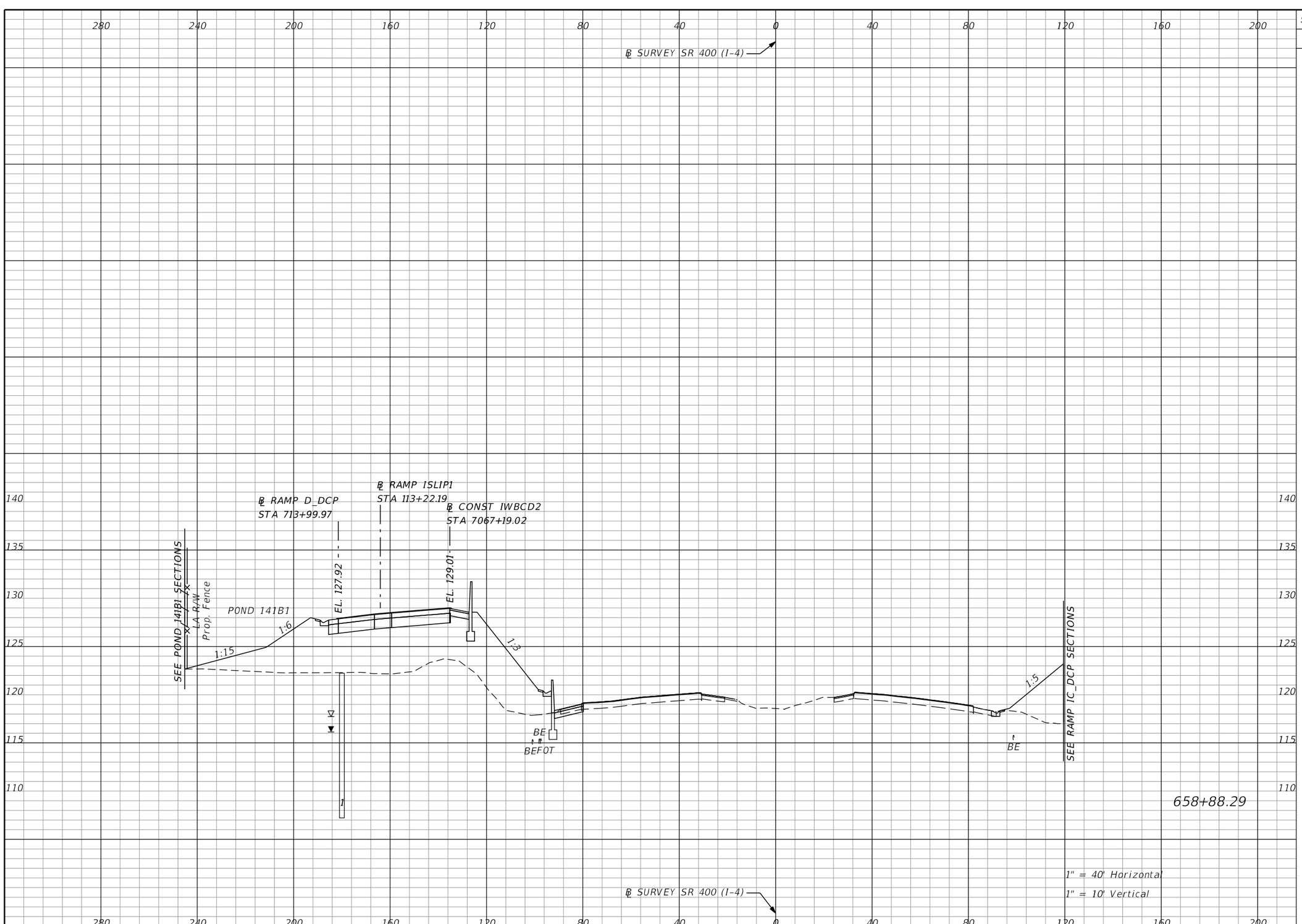
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 422



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	11.4	50.1	652.3	2525.6

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 423

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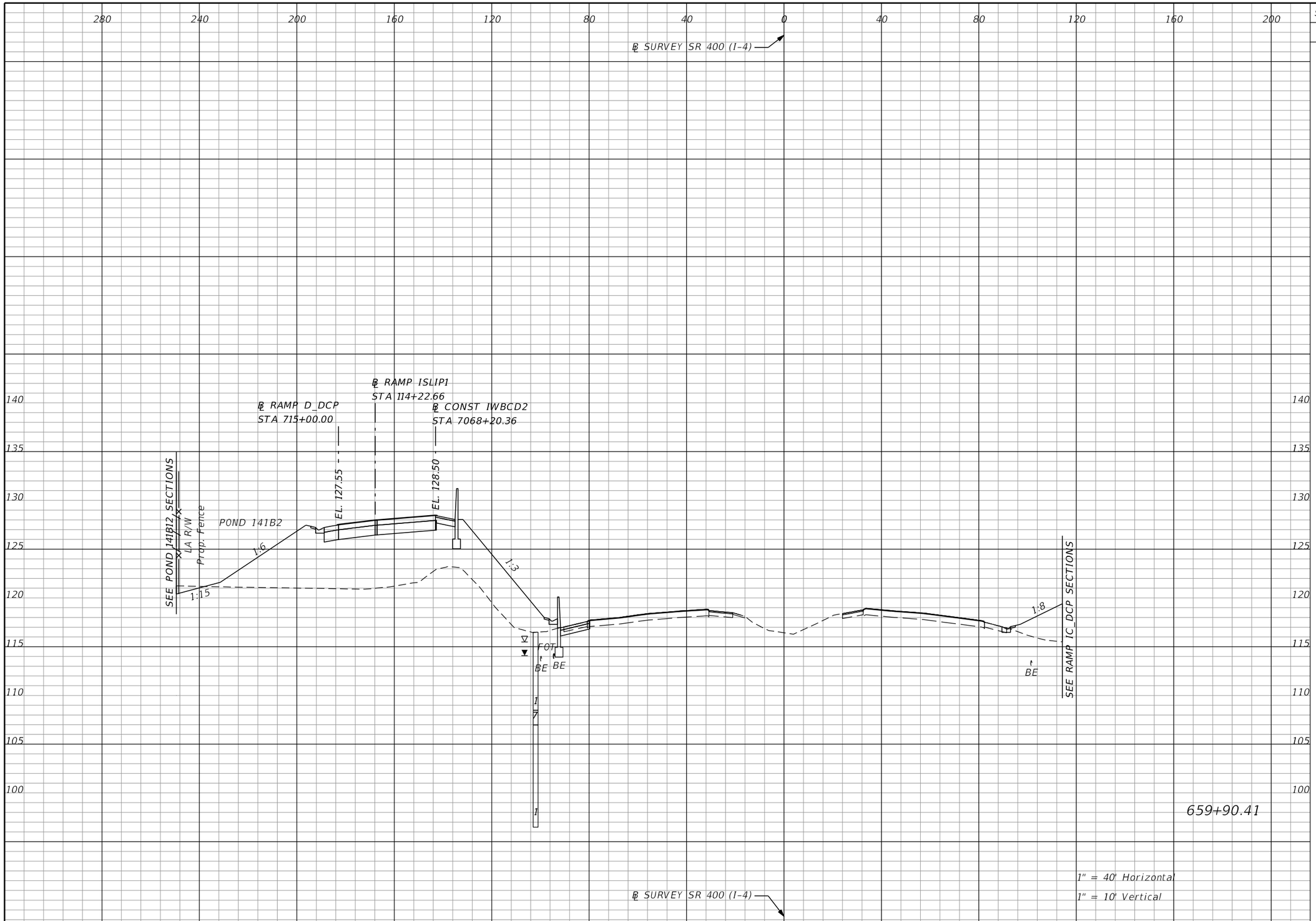

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	16.5	52.9	642.4	2448.2

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 424

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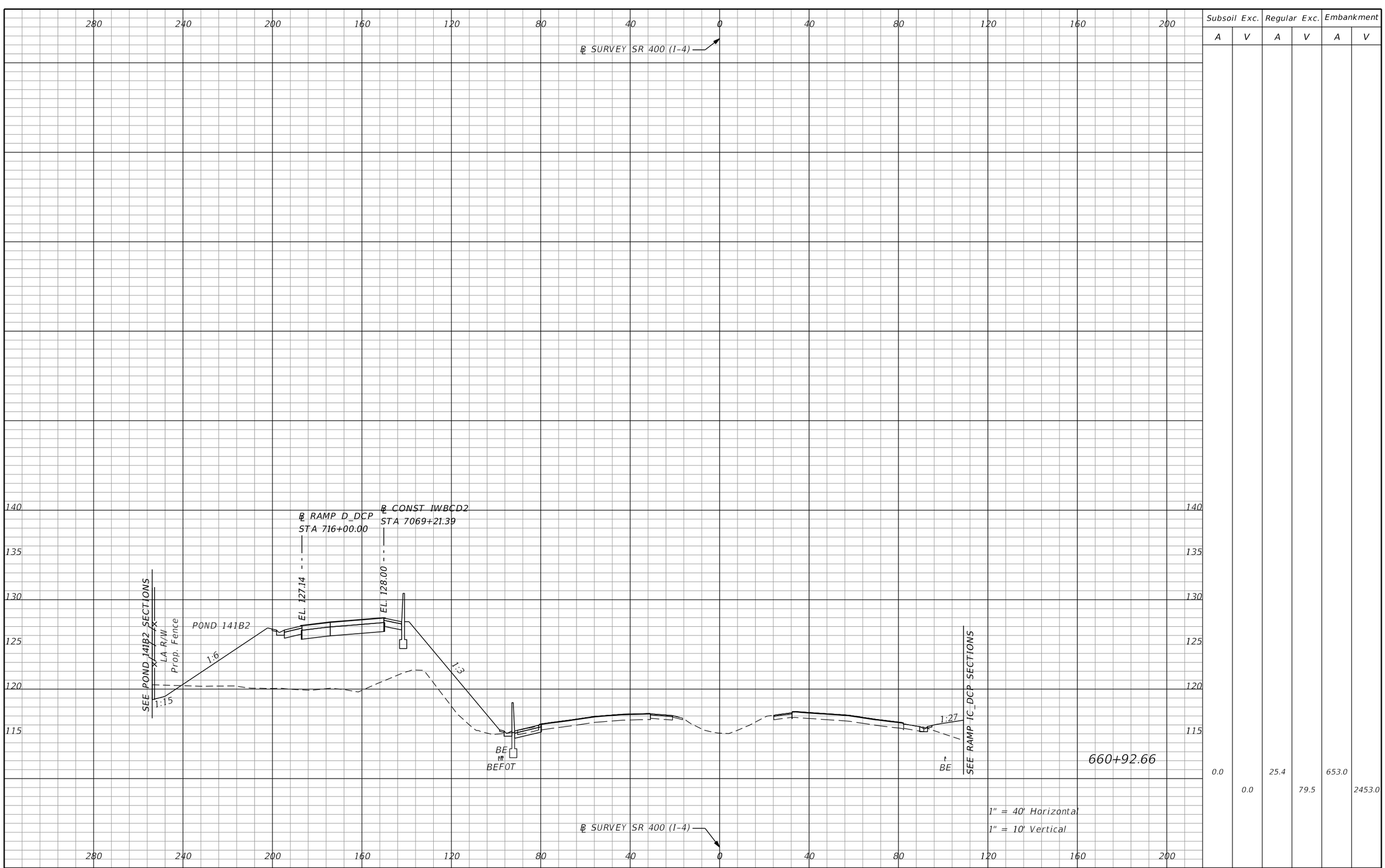

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	25.4	79.5	653.0	2453.0

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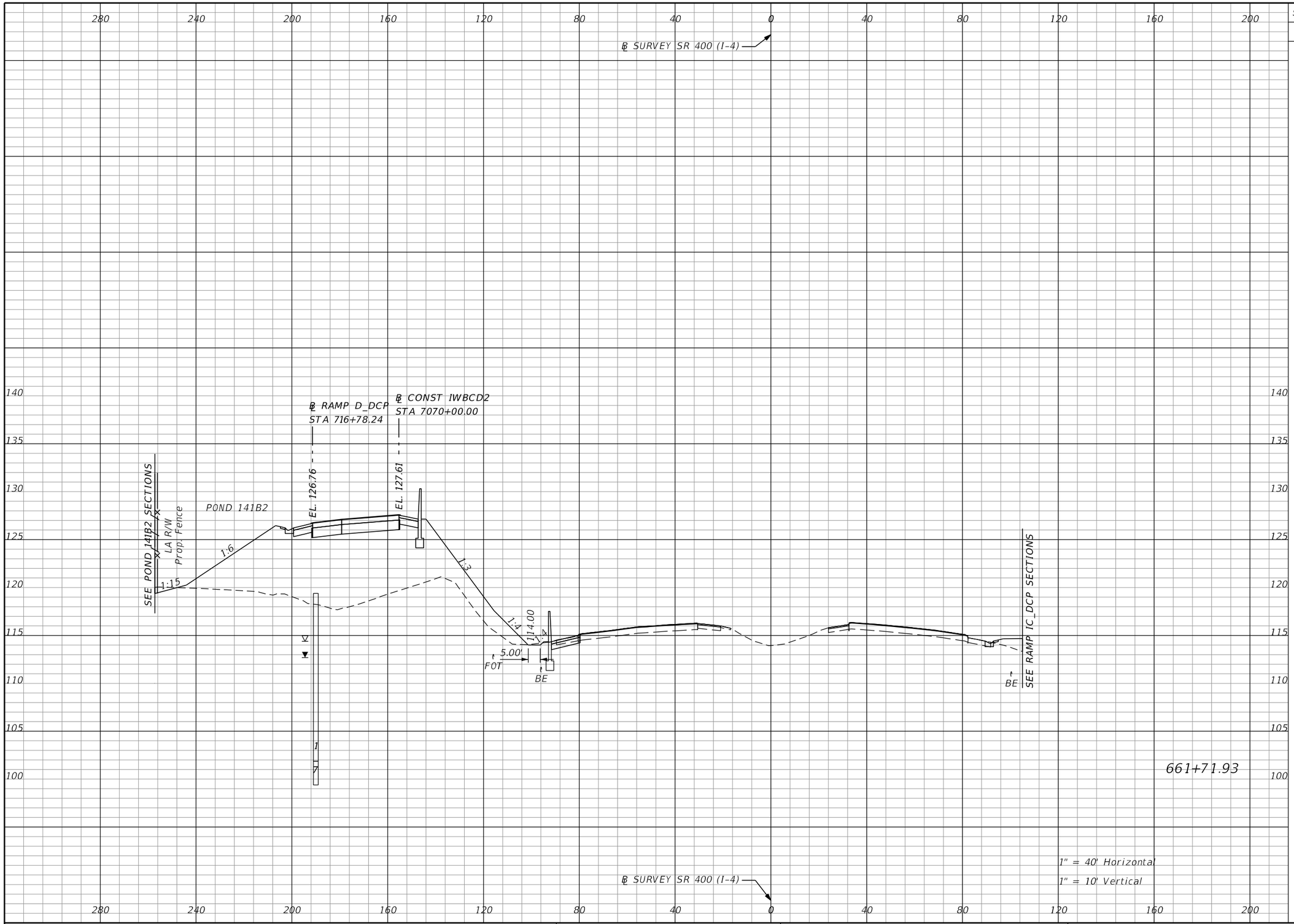
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 425



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	15.4	59.9	692.5	1975.2

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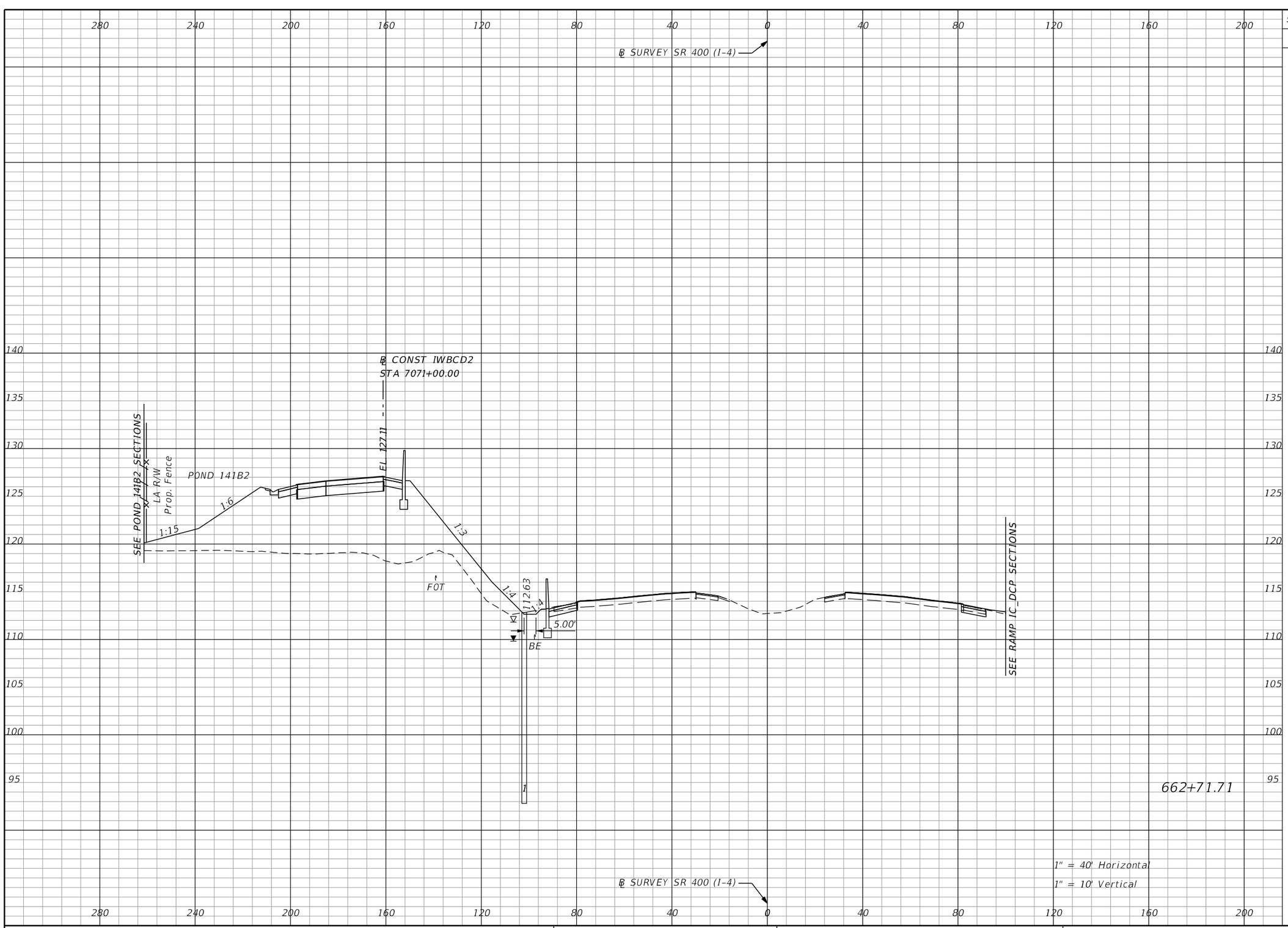
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 426



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	20.1	65.6	707.0	2585.9

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SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 427

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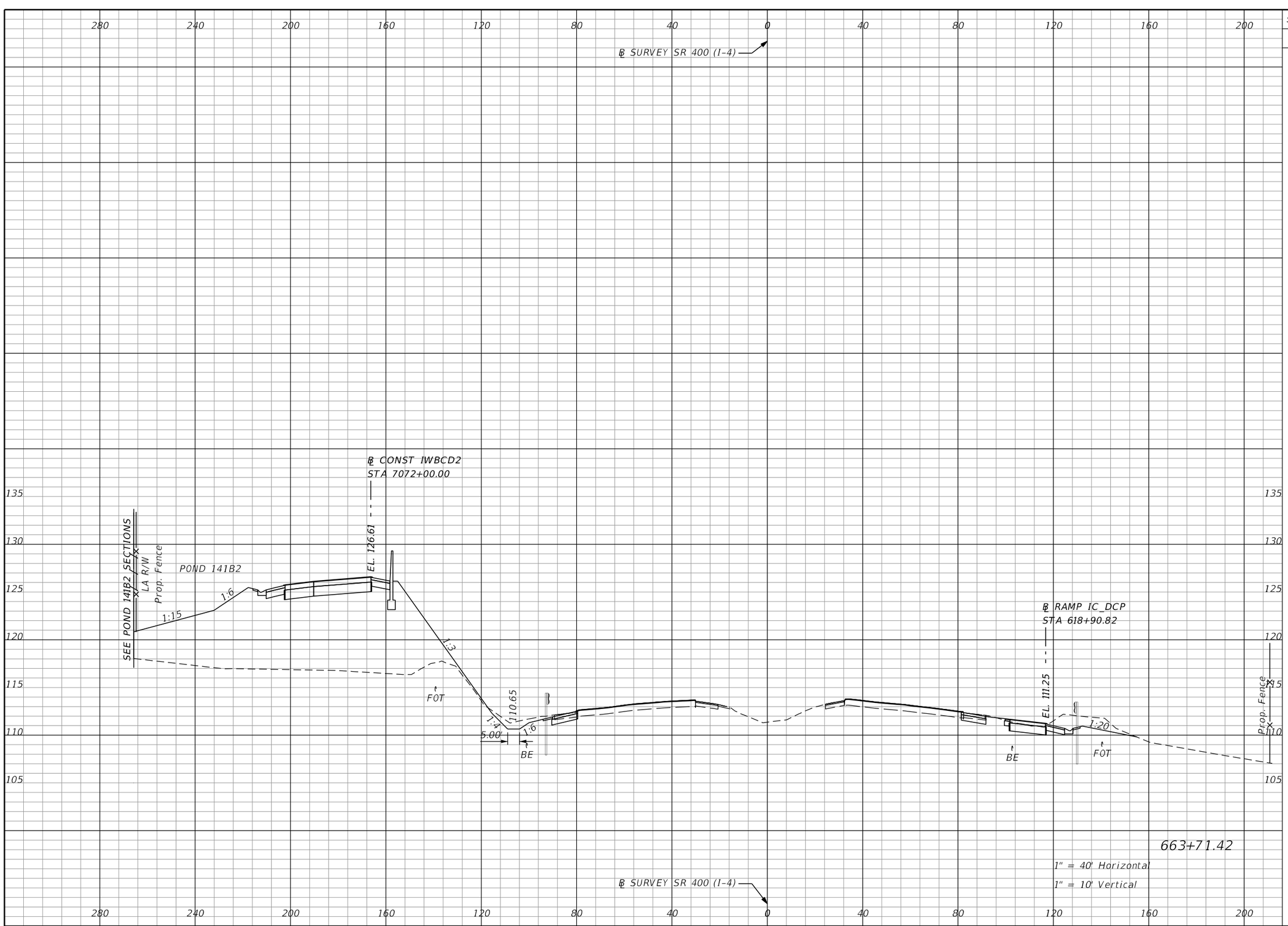

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	86.6	197.0	876.8	2924.4

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SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 428

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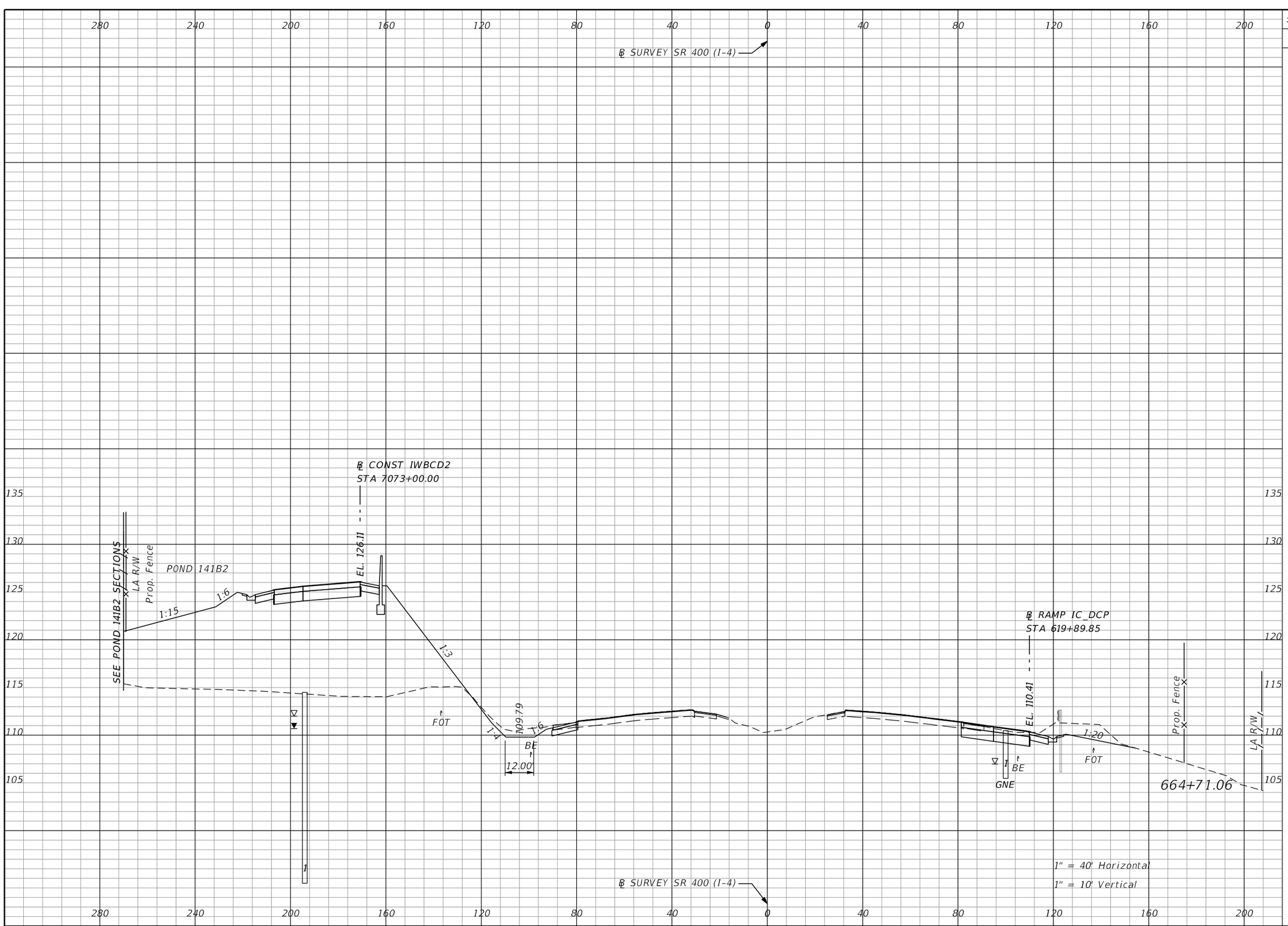

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	117.3	376.3	1170.3	3777.2

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SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 429

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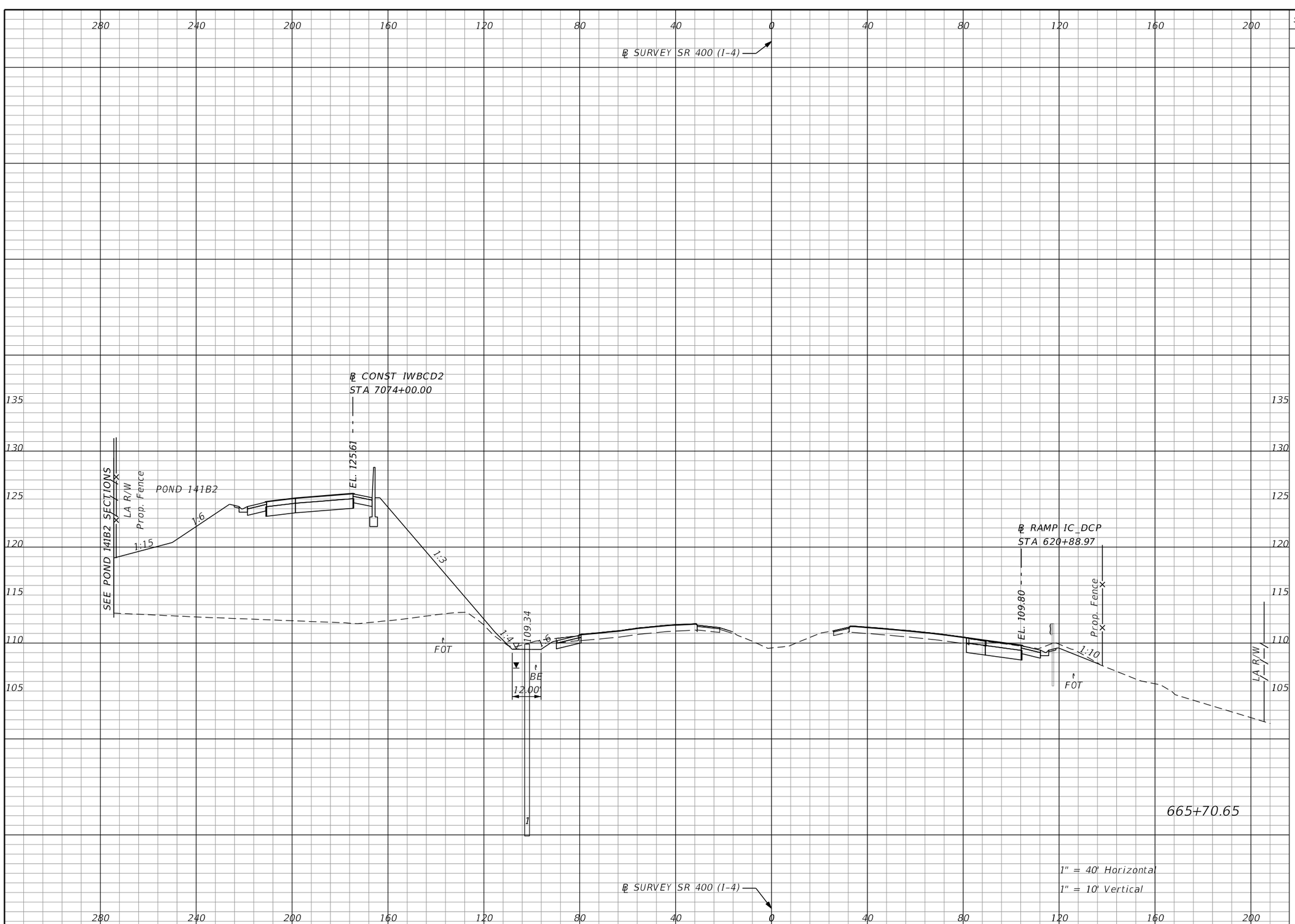

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	72.5	350.0	1384.3	4711.3

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150 N. Orange Avenue, Suite 200
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	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 430

glen.dvorovy 5/6/2020 5:09:18 PM c:\pwworking\aecom_na\glen.dvorovy\d0166331\RDXSRD01_SR400.DGN

280 240 200 160 120 80 40 0 40 80 120 160 200

℄ SURVEY SR 400 (I-4)

℄ CONST IWBCD2
STA 7075+00.00

EL. 125.11

SEE POND 141B2 SECTIONS

LA R/W

Prop. Fence

POND 141B2

1:6

1:15

1:4

1:6

EL. 108.88

BE

FOT

BE

12.00'

℄ RAMP IC_DCP
STA 621+88.16

EL. 109.36

BE

BE

FOT

GNE

1:6

Exist. Fence

LA R/W

666+70.19

1" = 40' Horizontal

1" = 10' Vertical

℄ SURVEY SR 400 (I-4)

135 130 125 120 115 110 105

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	55.3	235.5	1596.8	5495.3

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REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 431

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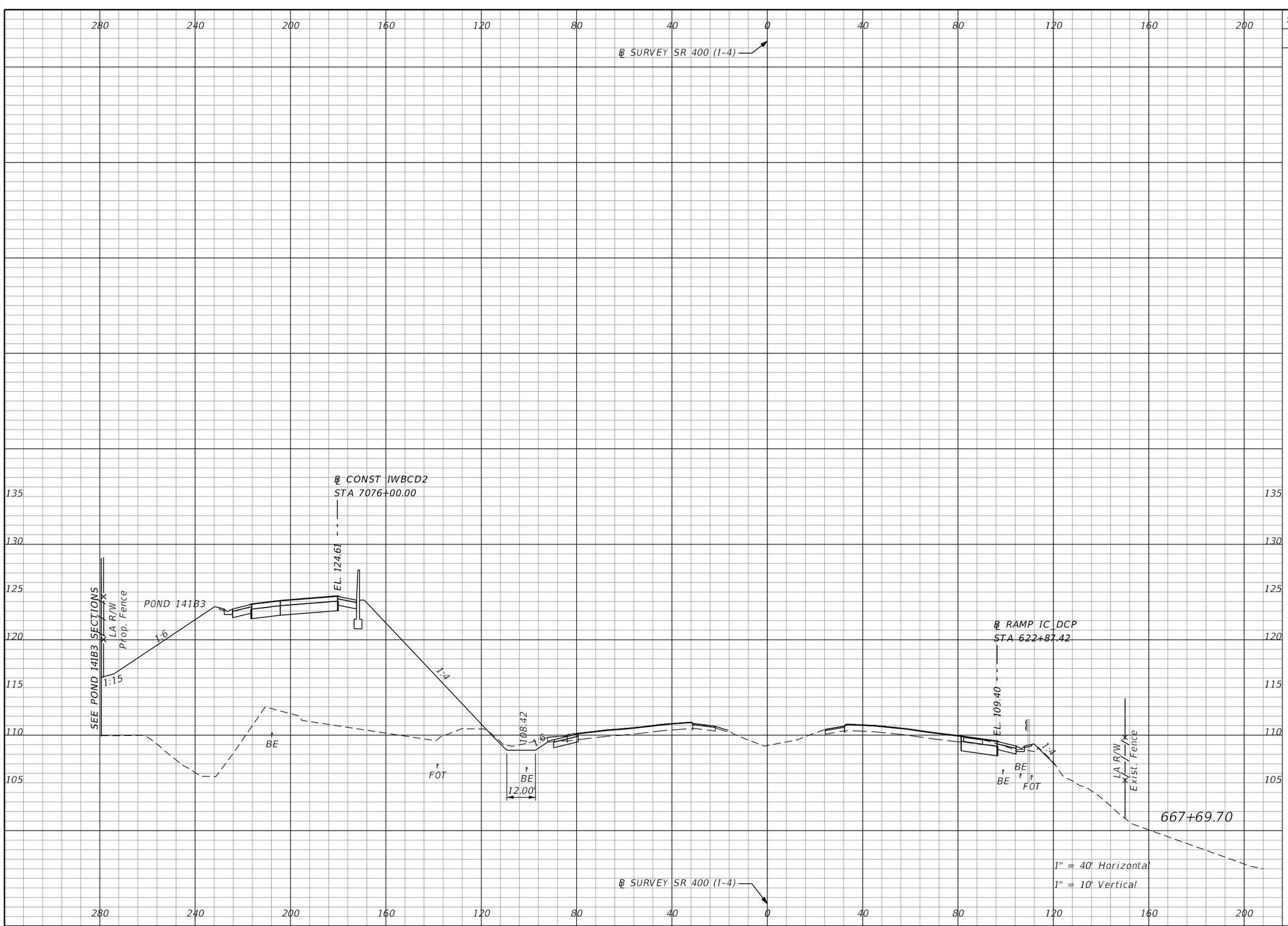

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	51.3	196.5	1658.1	5998.1

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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 432

280 240 200 160 120 80 40 0 40 80 120 160 200

℄ SURVEY SR 400 (I-4)

℄ CONST IWBCD2
STA 7077+00.00

EL. 124.11

SEE POND 141B3 SECTIONS

LA R/W
Prop. Fence

POND 141B3

1:6

1:4

108.01

1:6

12.00

BE

FOT

BE

1

℄ RAMP IC_DCP
STA 623+86.70

EL. 109.41

1:4

LA R/W
Exist. Fence

BE

1

BE FOT

GNE

668+69.17

1" = 40' Horizontal
1" = 10' Vertical

℄ SURVEY SR 400 (I-4)

135 130 125 120 115 110 105 100 95 90

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	47.4	181.9	1654.3	6101.4

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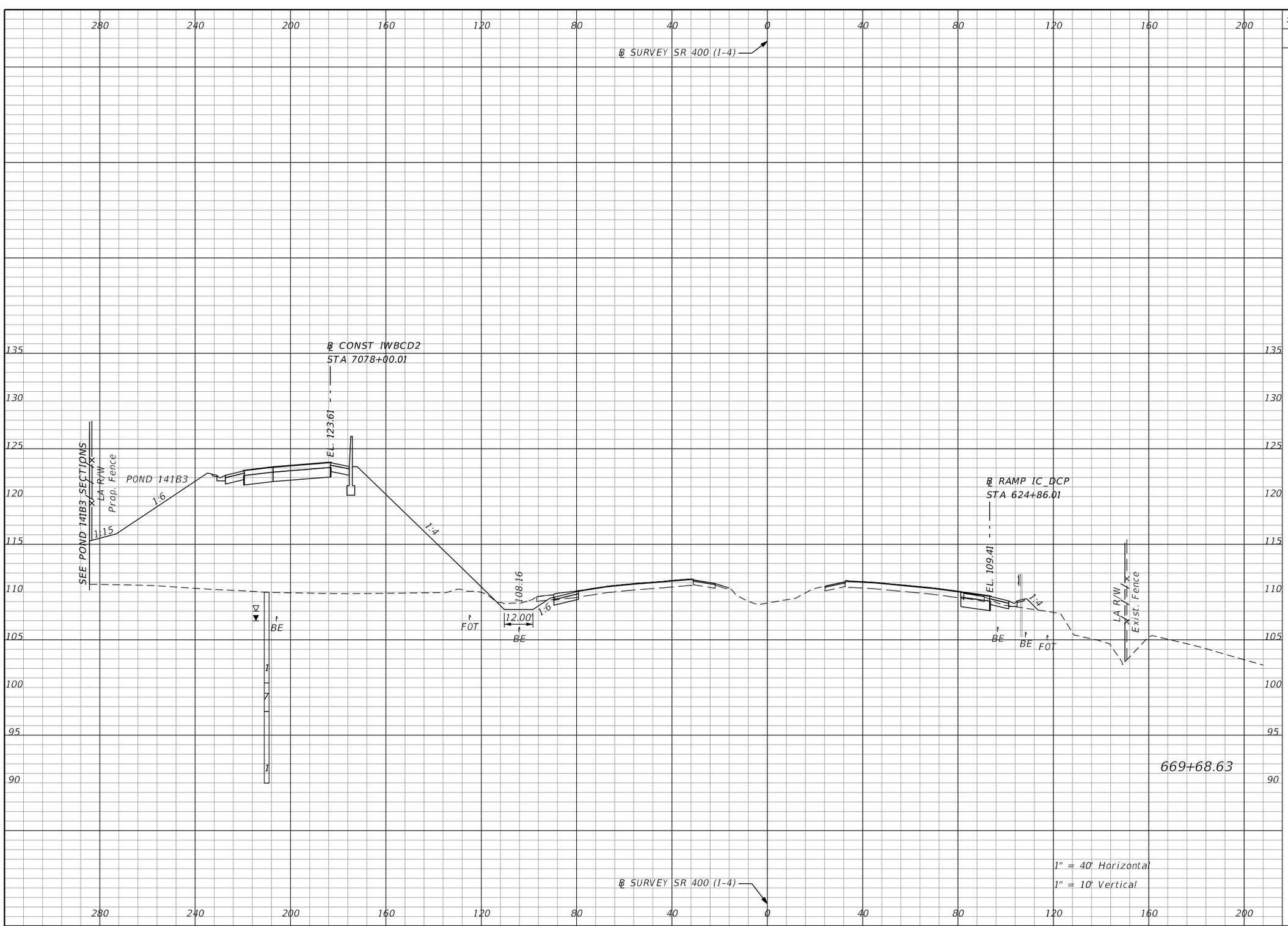
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 433



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	46.7	173.3	1492.7	5796.2

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 434

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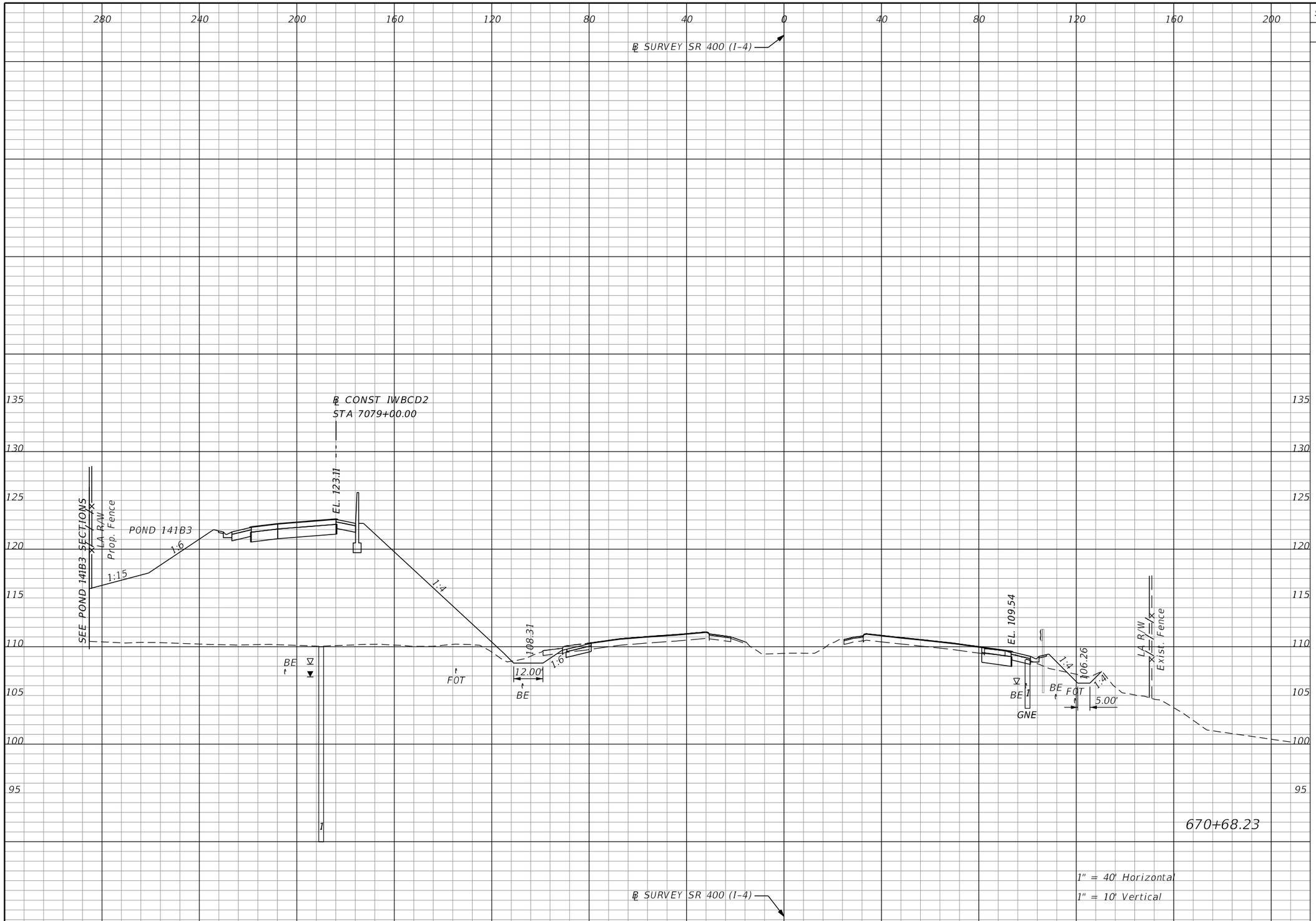

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	54.7	186.9	1444.4	5417.3

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 435

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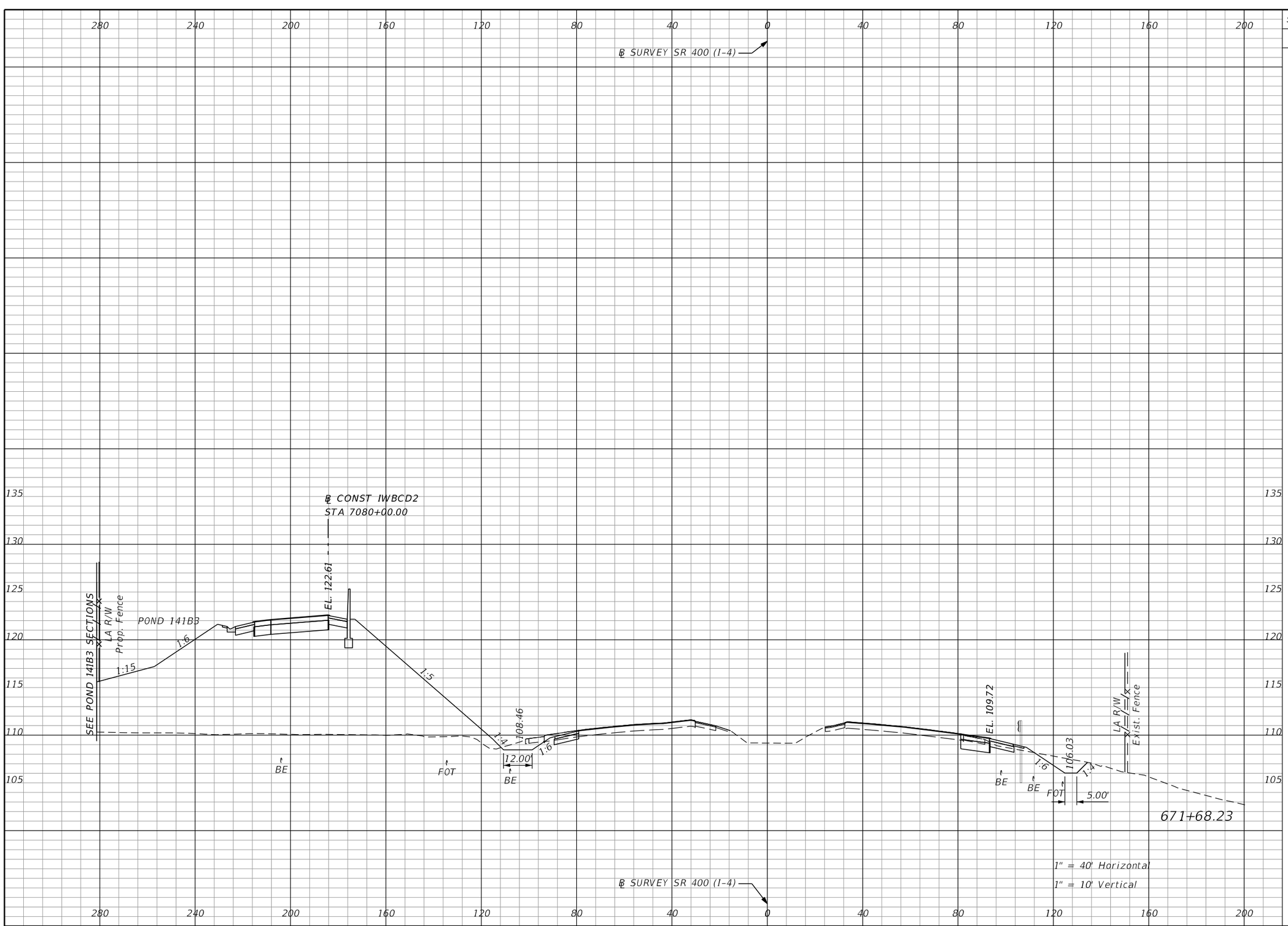

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	66.7	224.8	1364.9	5202.4

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 436

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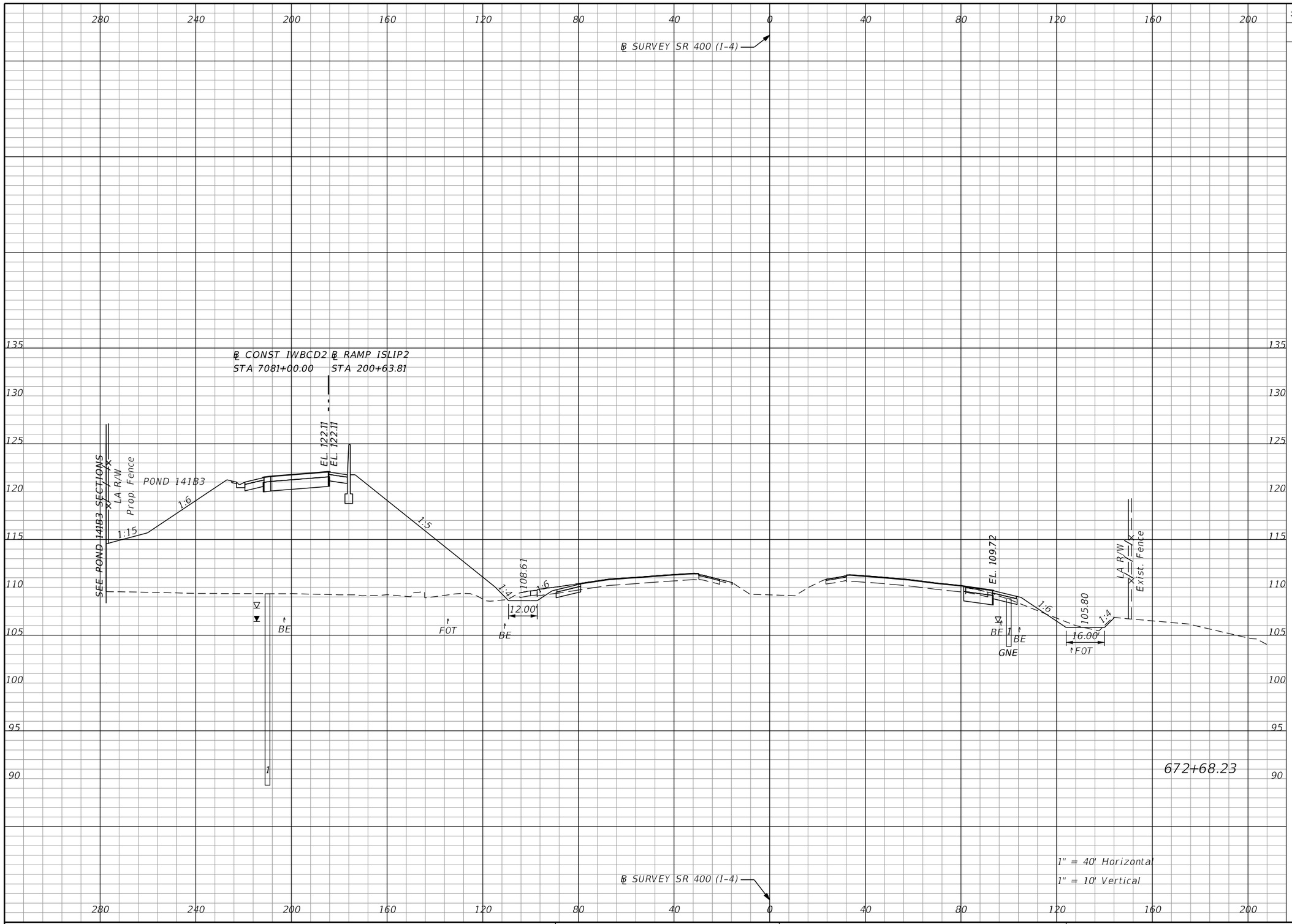

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	50.7	217.5	1400.4	5121.0

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SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 437

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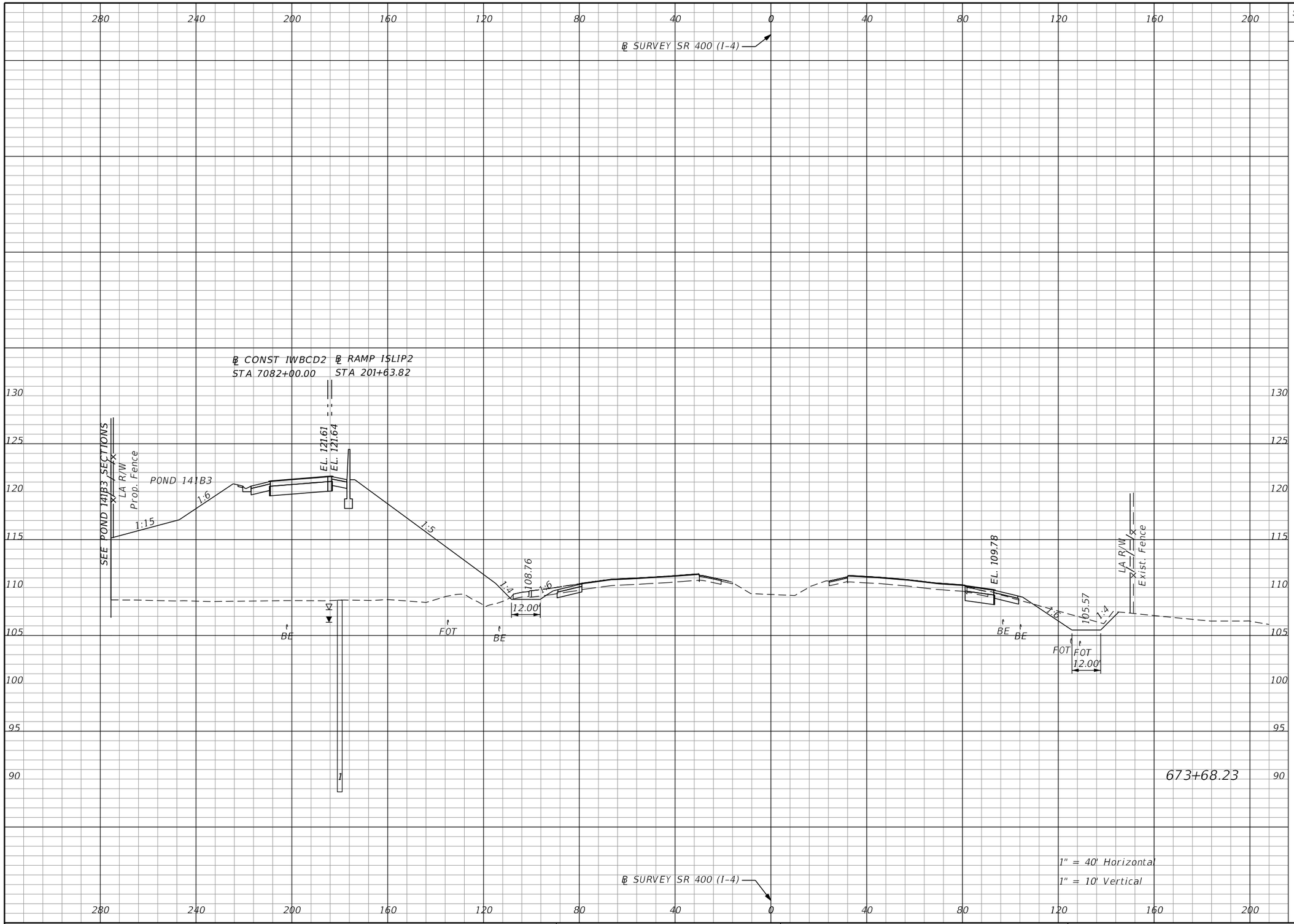

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	74.9	232.6	1450.6	5279.7

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STATE OF FLORIDA
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SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 438

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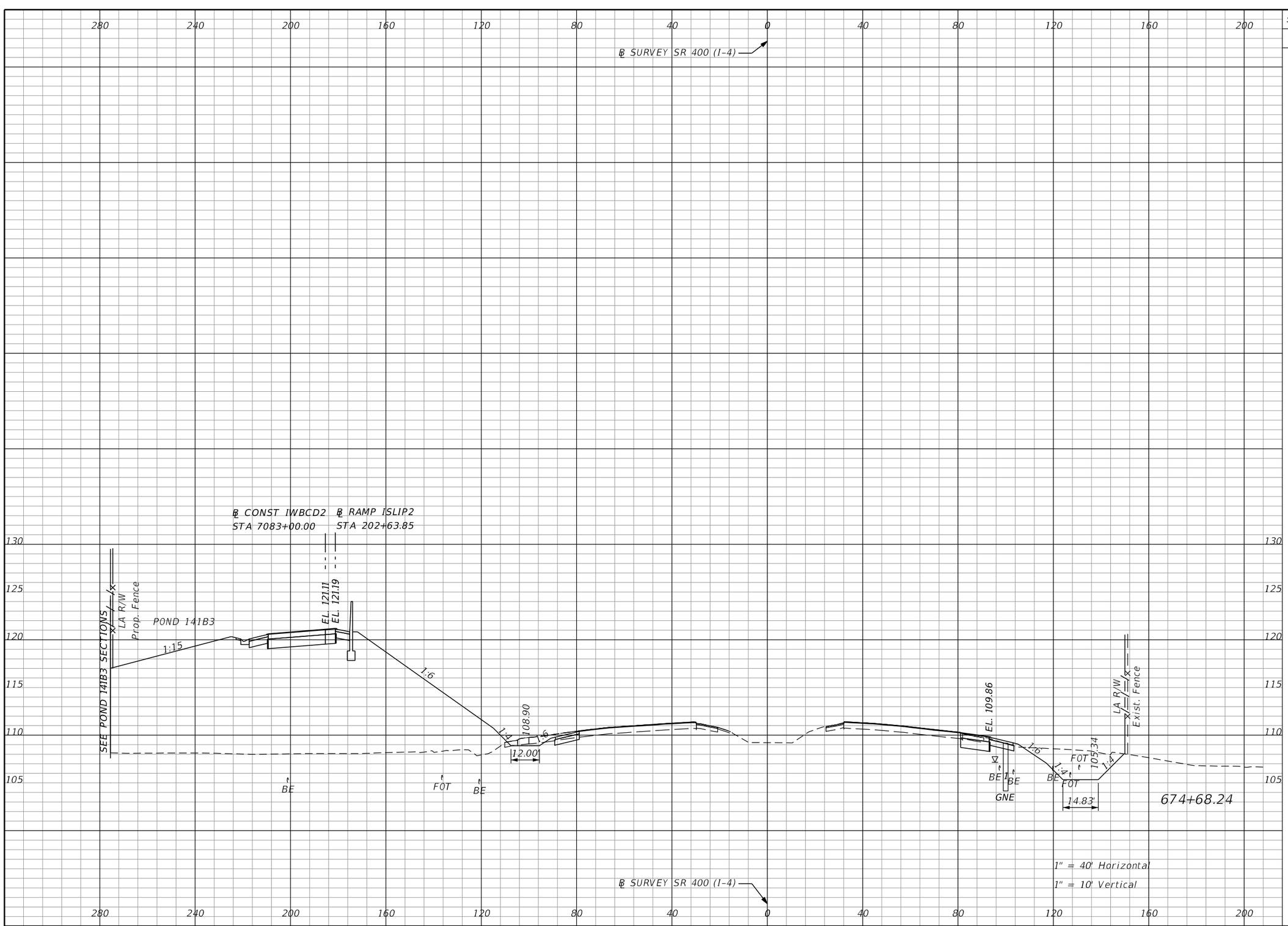

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	166.0	446.2	1578.5	5610.0

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STATE OF FLORIDA
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SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 439

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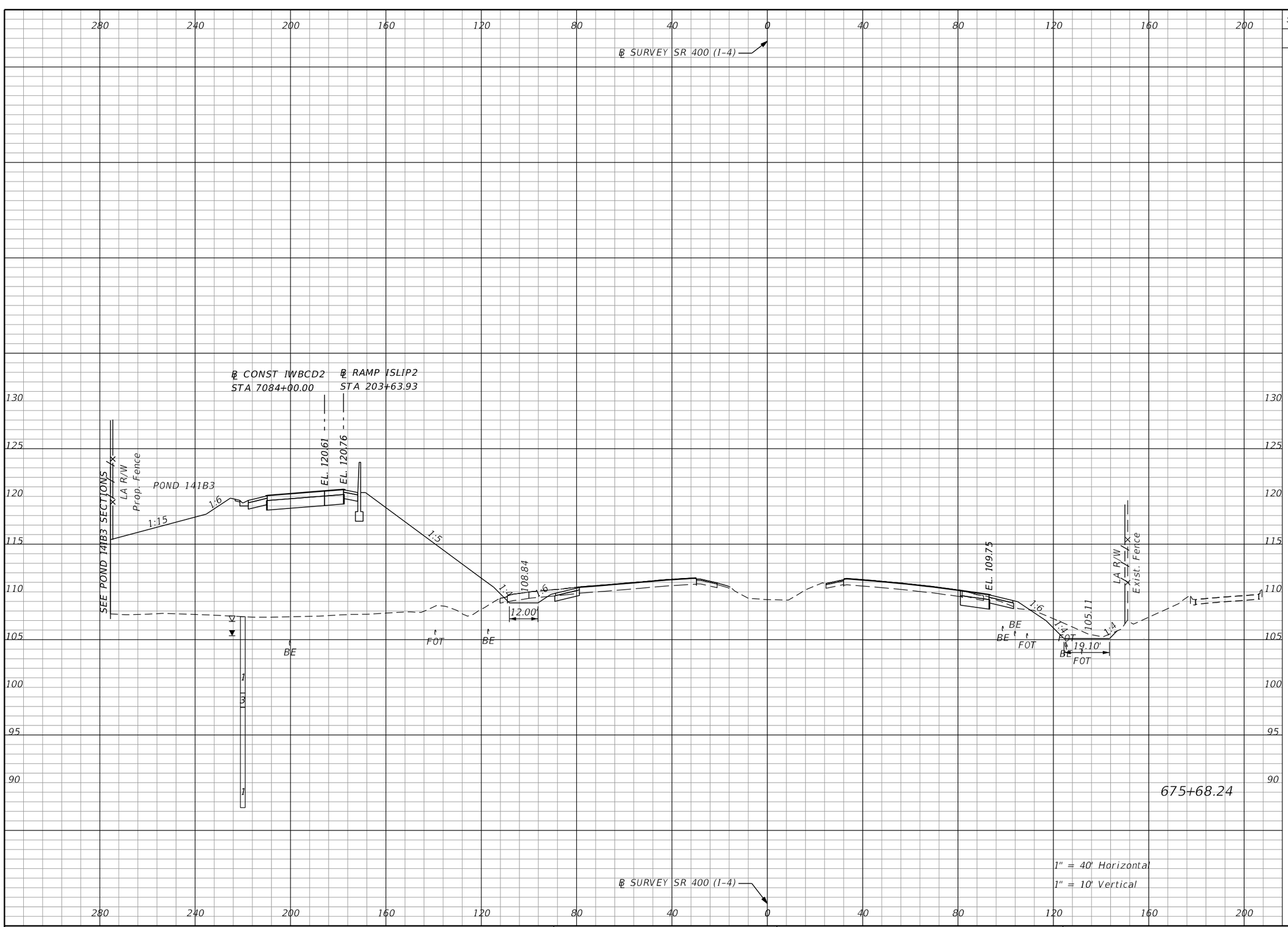

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	105.1	502.1	1544.4	5783.1

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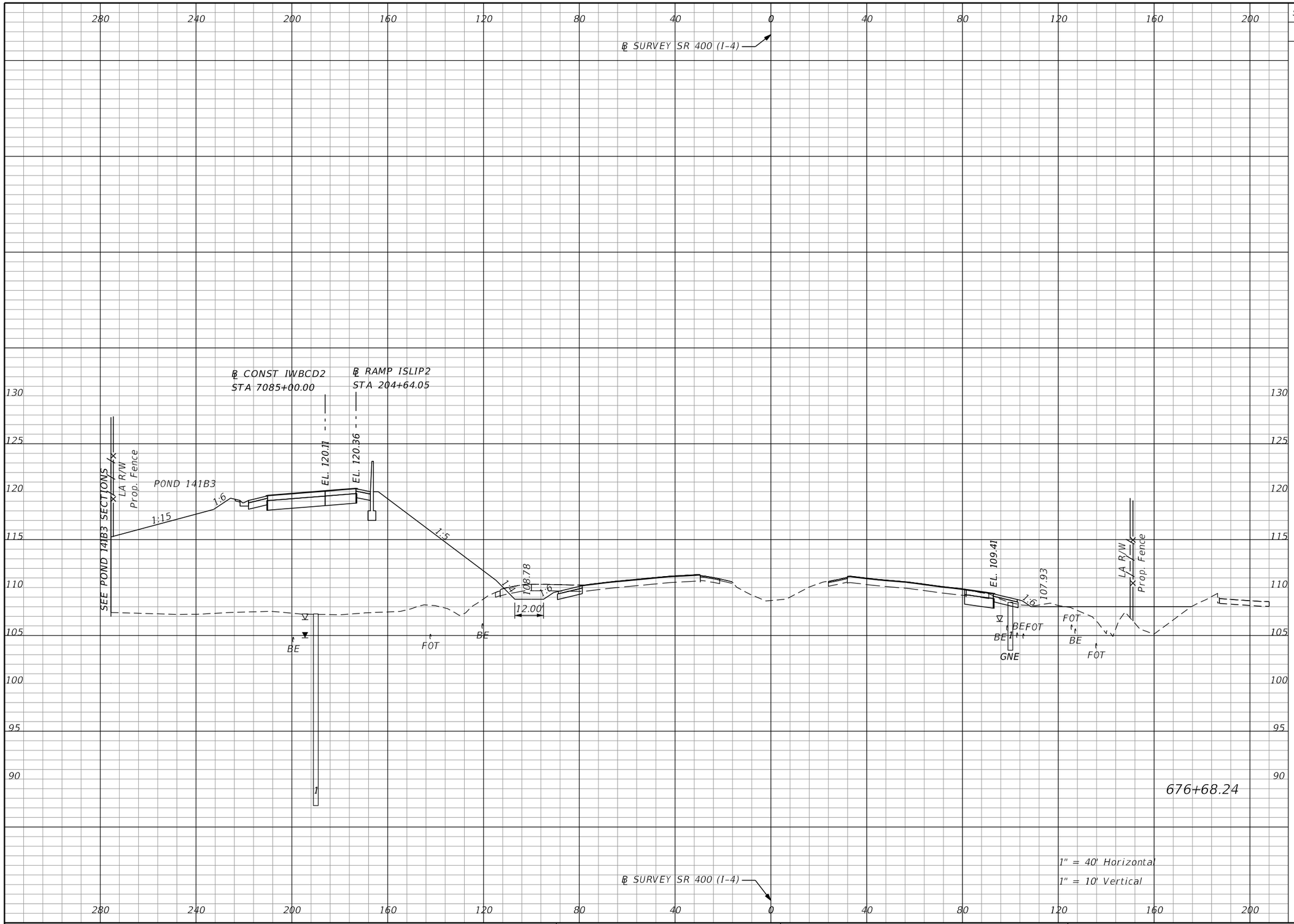
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 440



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	65.1	315.2	1624.4	5868.2

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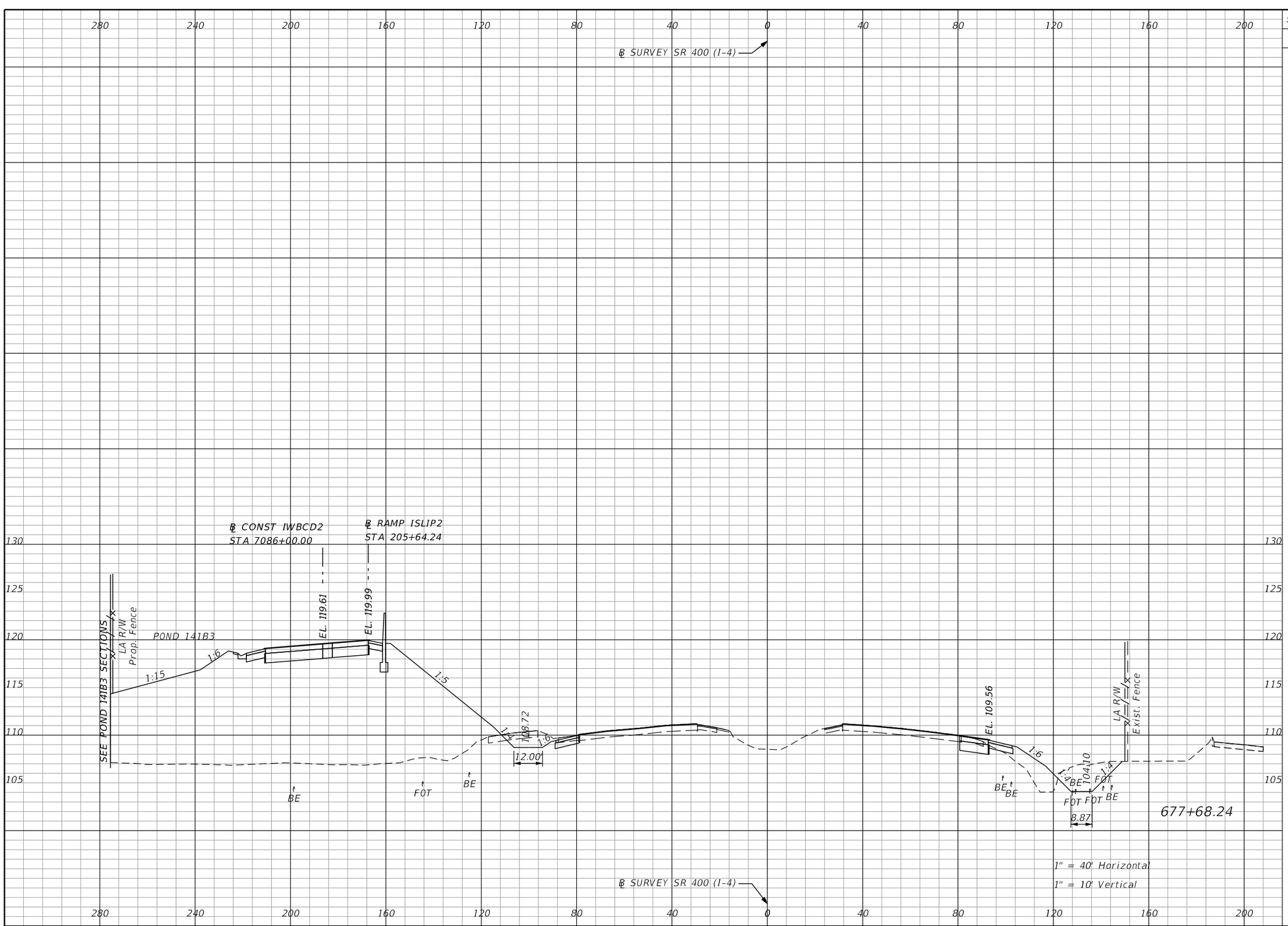
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 441



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	178.5	451.2	1565.5	5907.2

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SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 442

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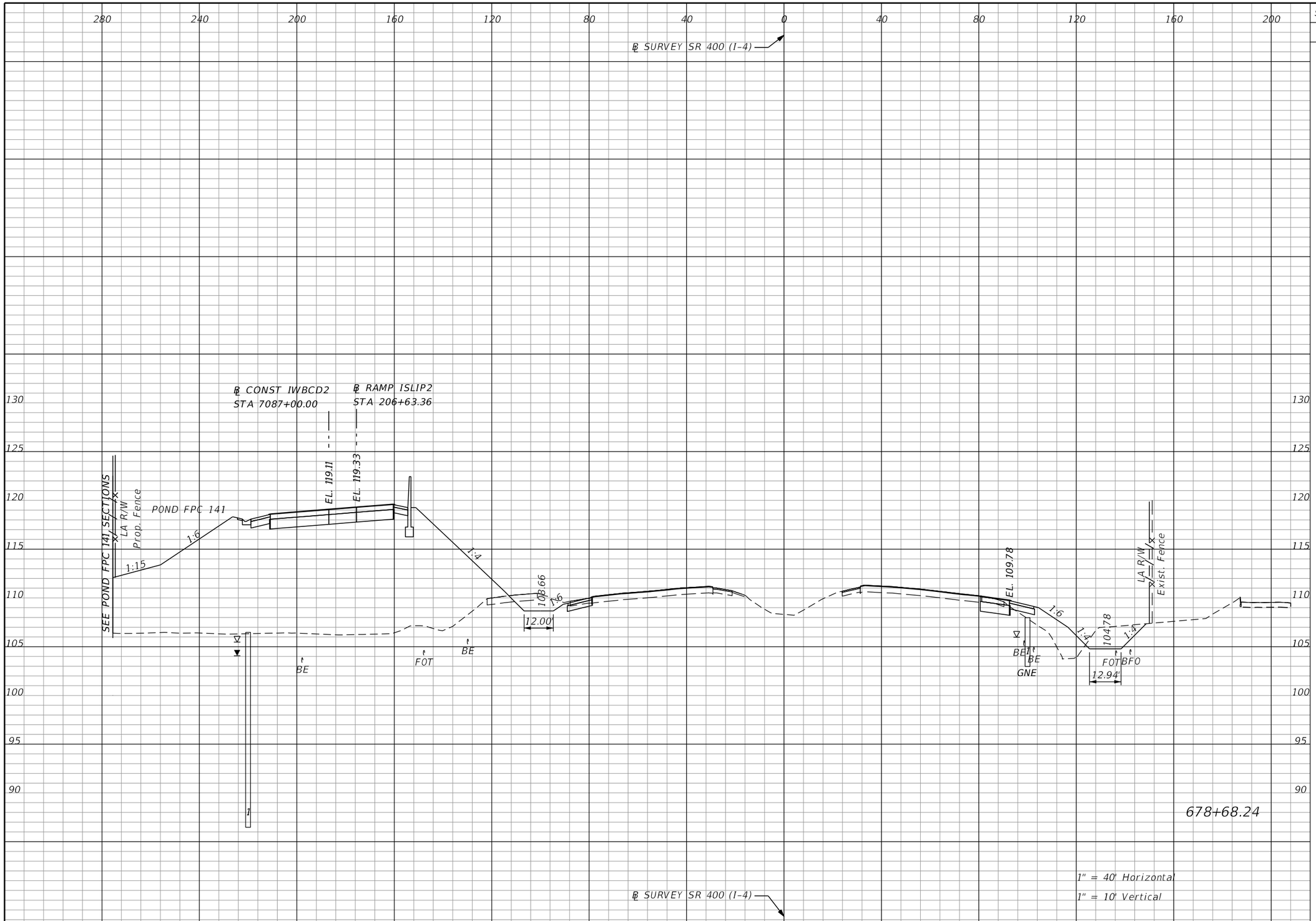

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	106.1	527.1	1555.9	5780.4

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STATE OF FLORIDA
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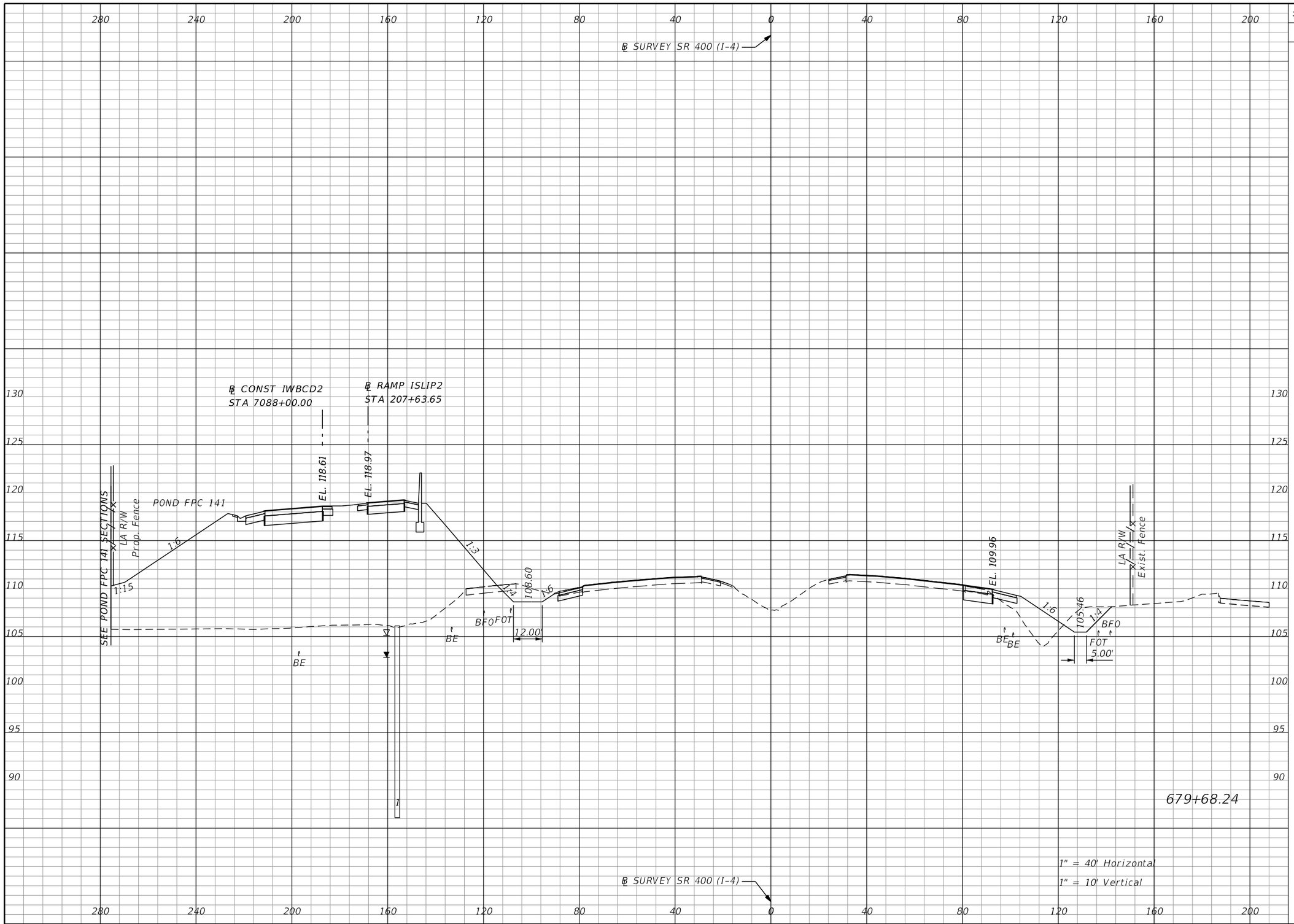
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 443



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	84.6	353.2	1562.3	5774.4

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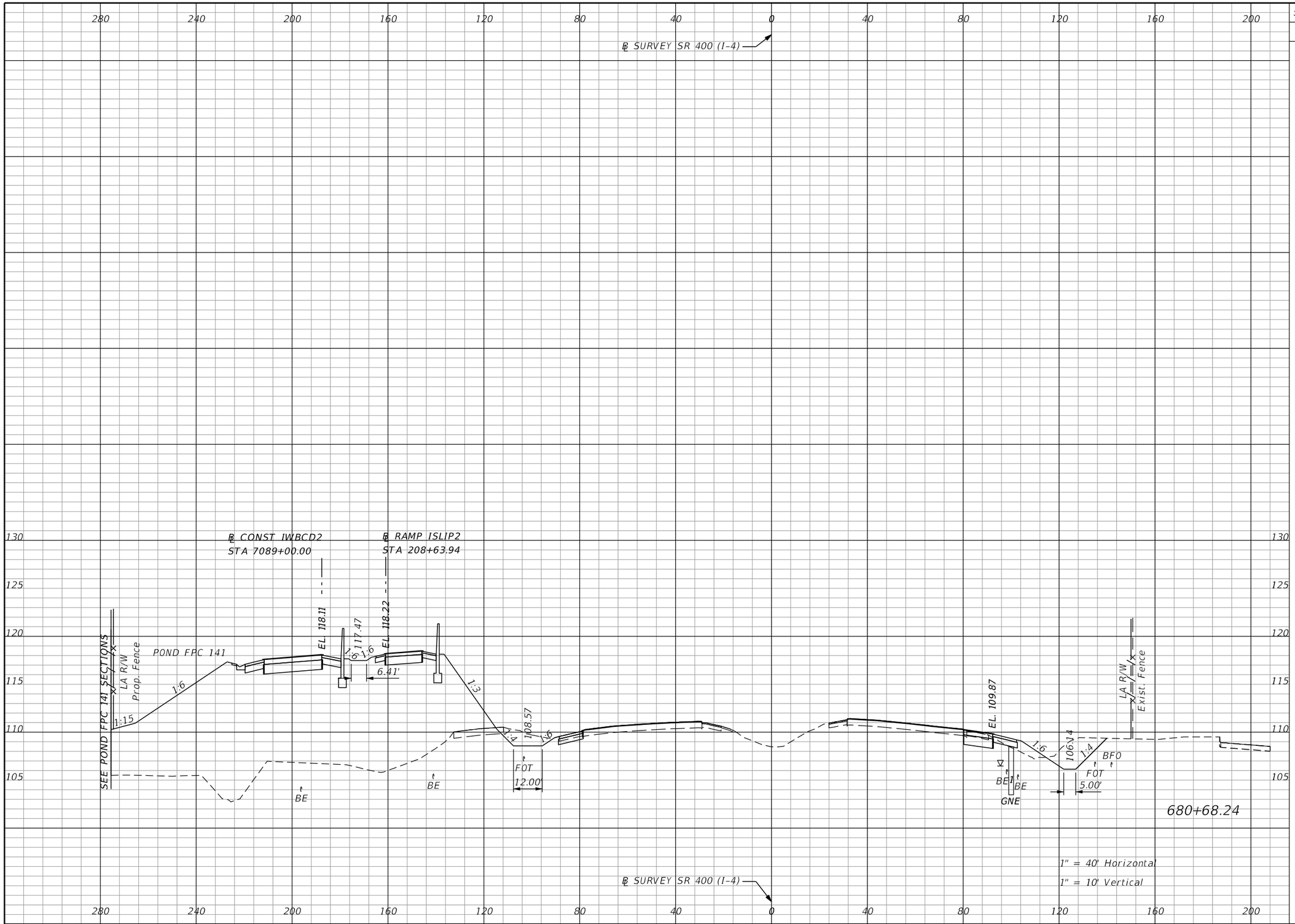
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 444



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	94.7	332.1	1448.8	5576.1

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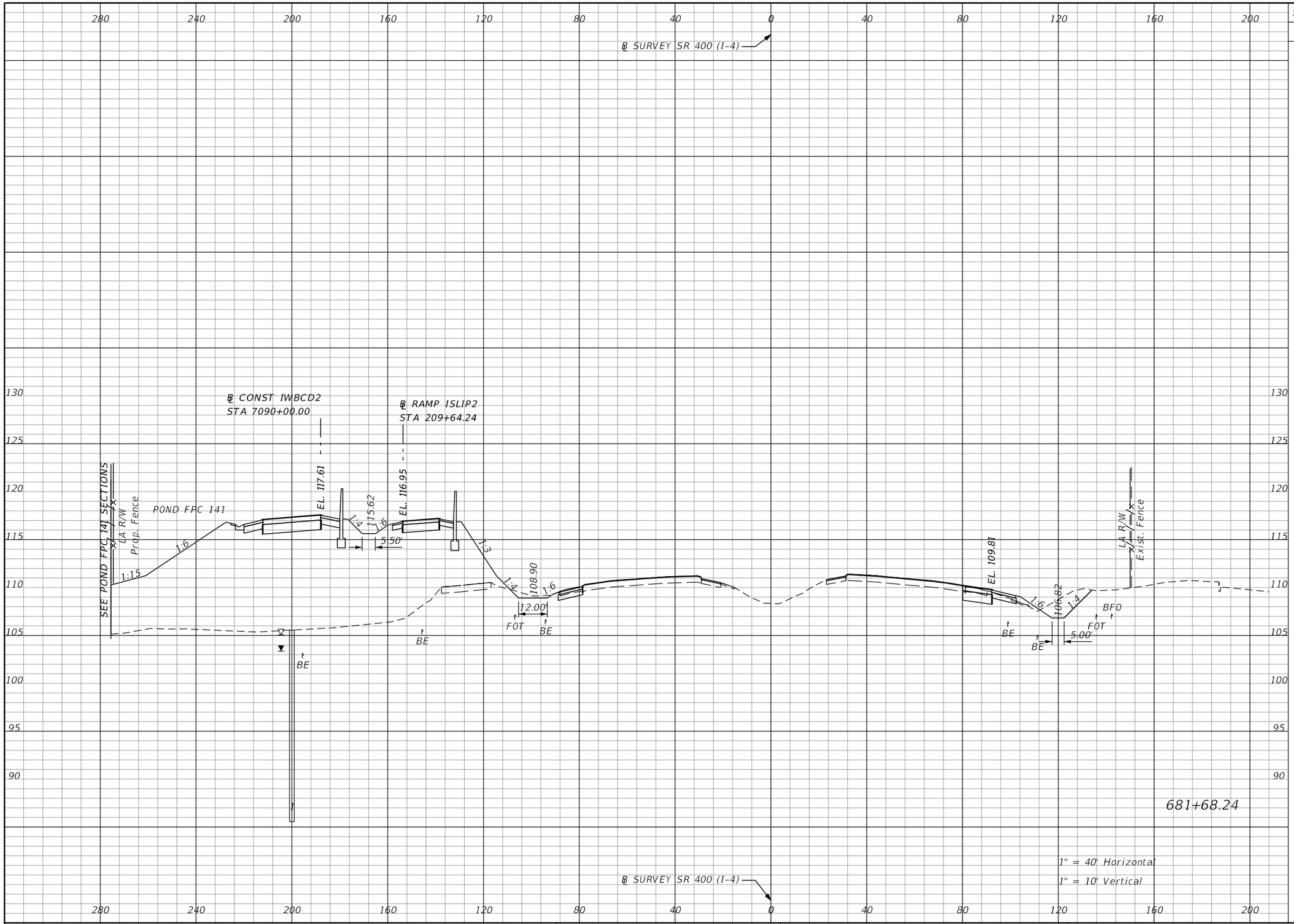
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 445



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	66.2	297.9	1347.3	5177.9

REVISIONS			
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SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 446

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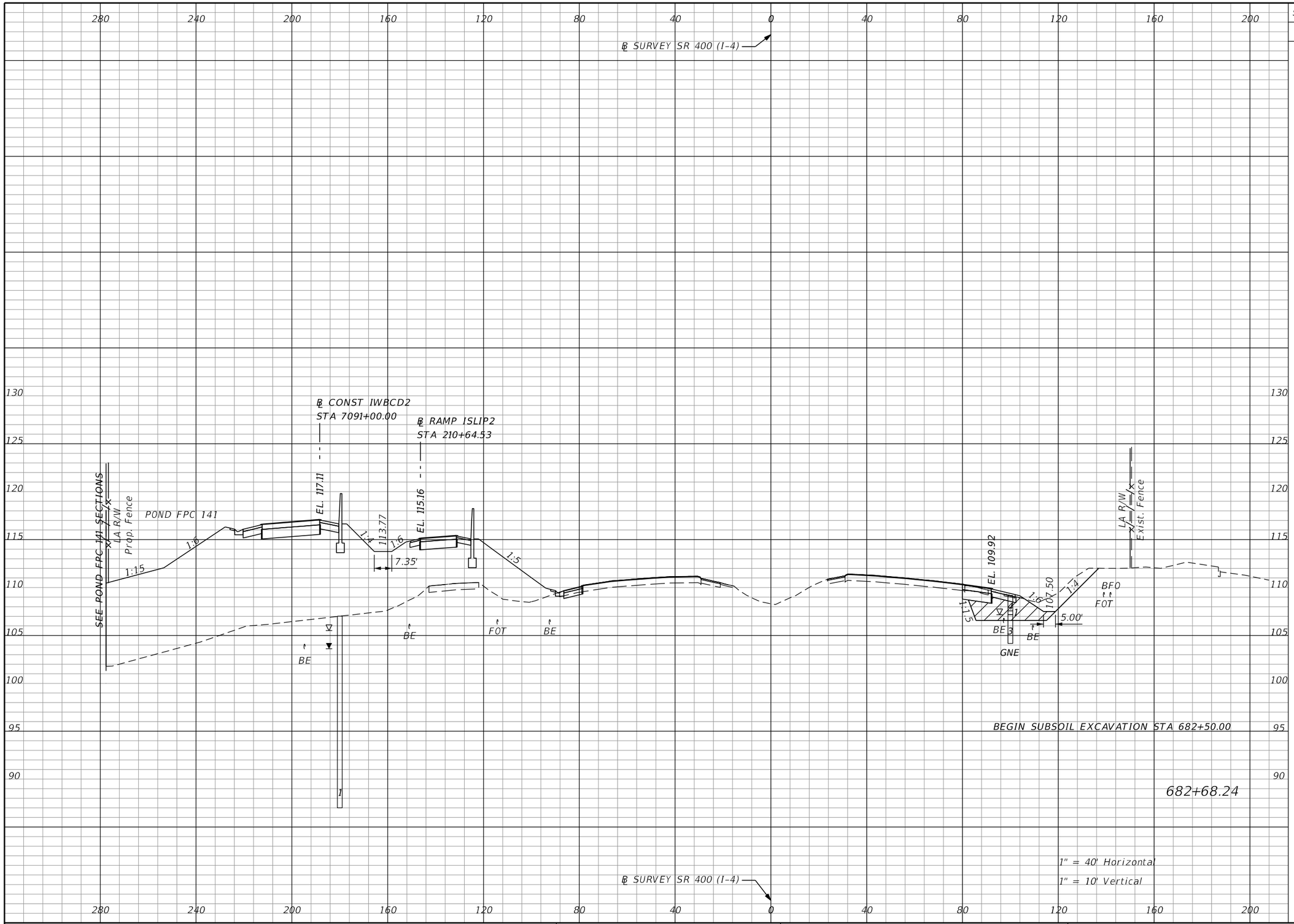

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
70.1	129.9	65.1	243.1	1401.5	5090.4

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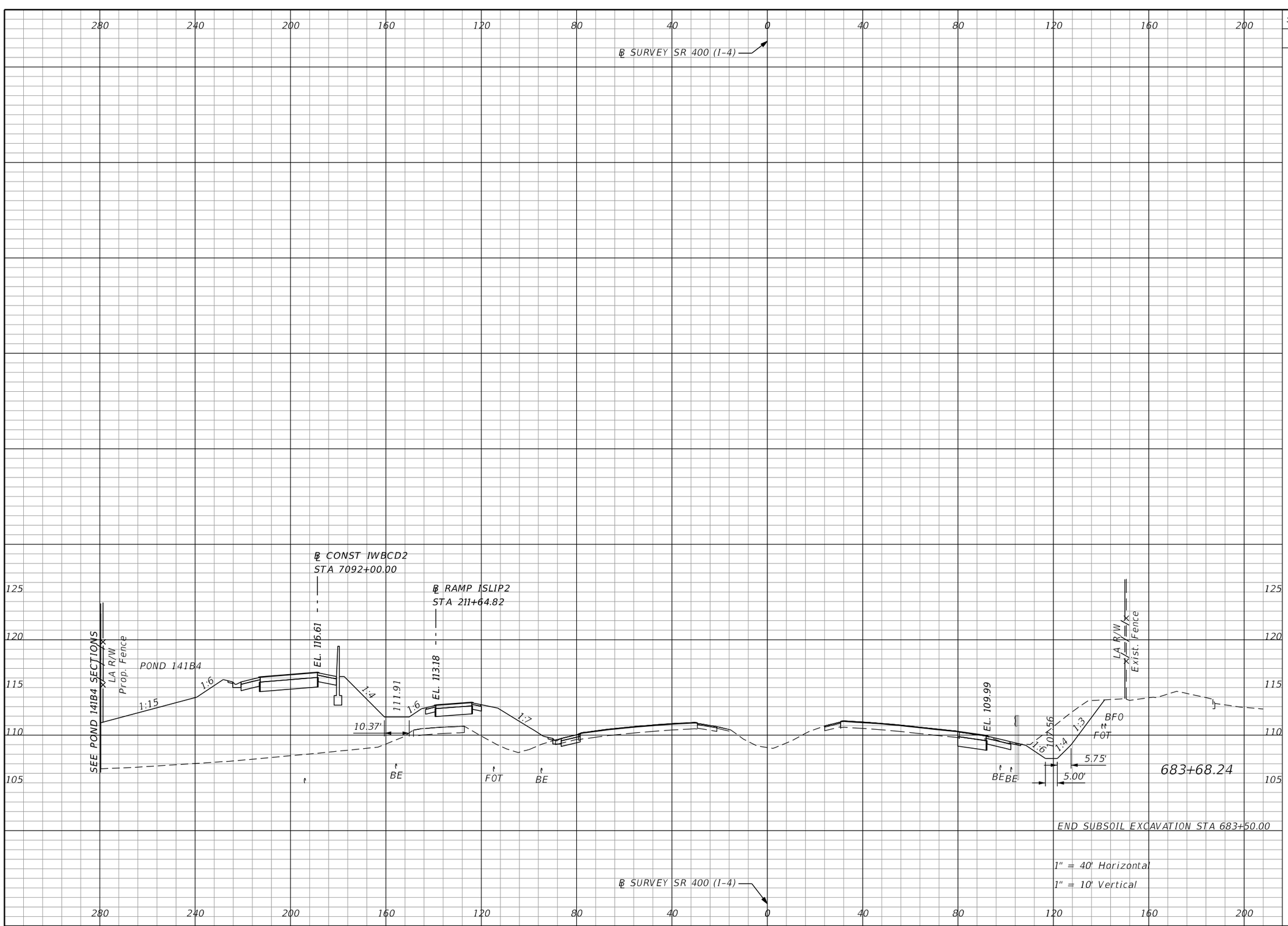
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 447



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	129.9	130.4	362.0	932.1	4321.6

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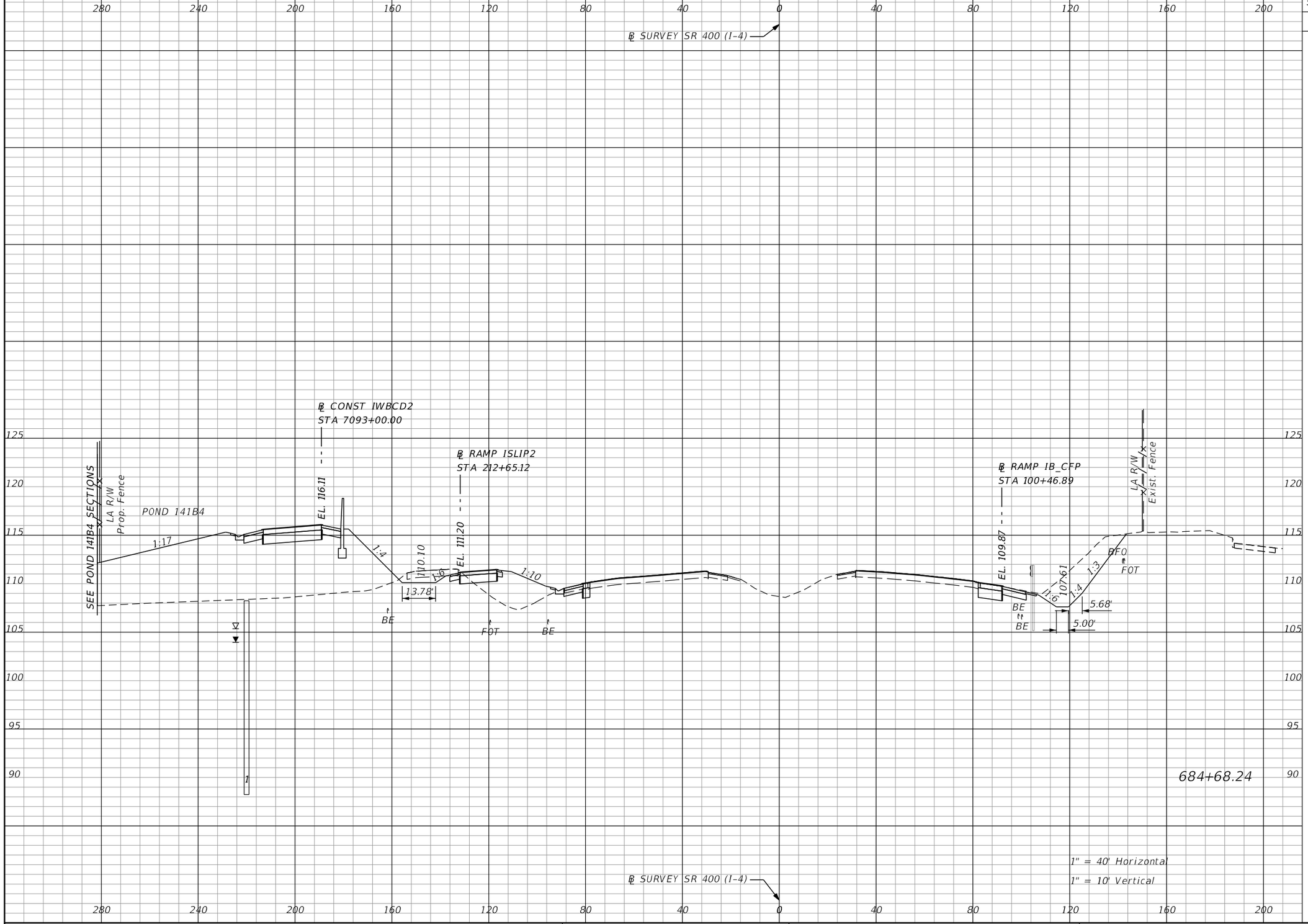
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 448



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		188.8		739.7	
	0.0		591.1		3095.9

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
P.E. License No. 61806
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150 N. Orange Avenue, Suite 200
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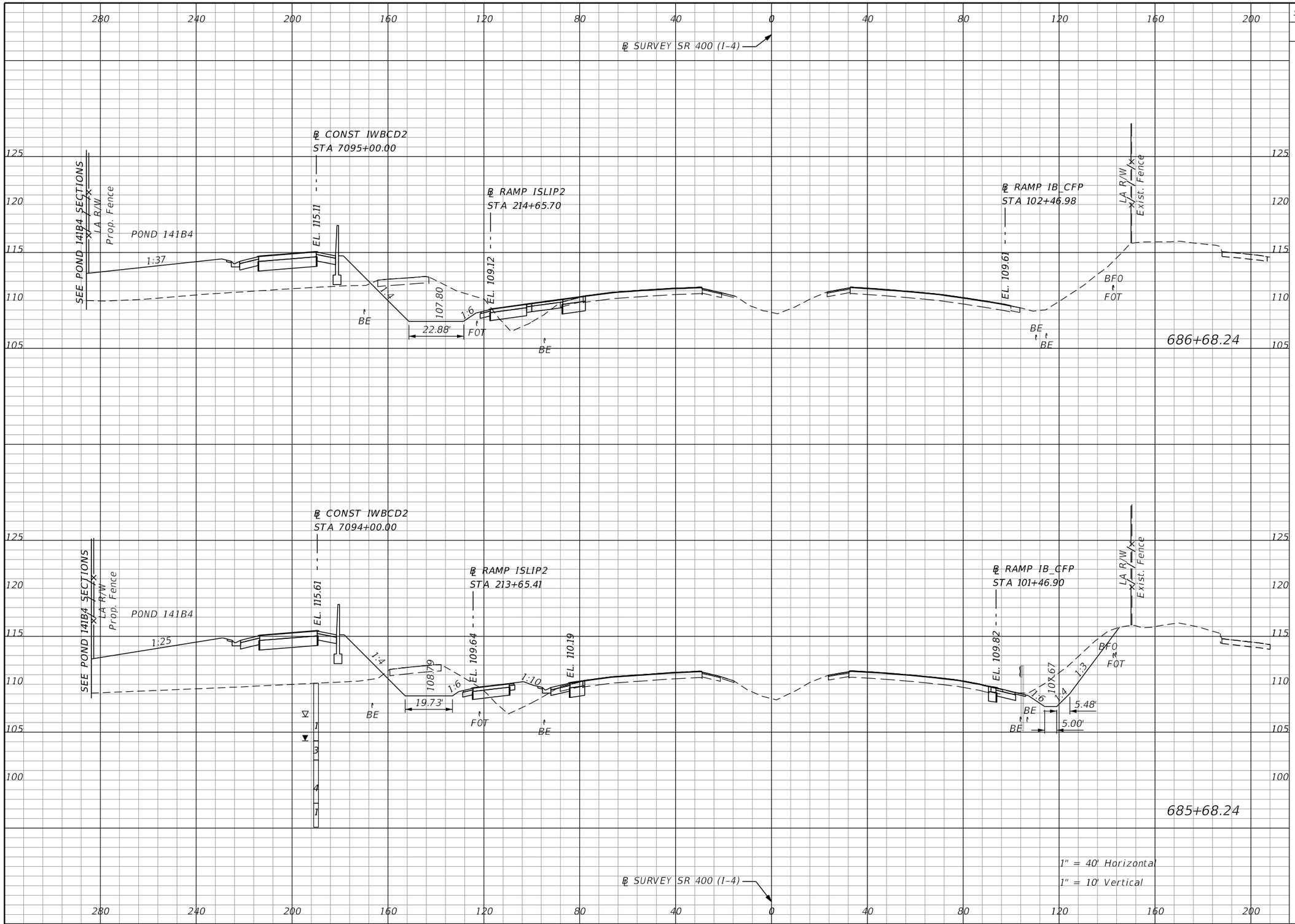
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4) CROSS SECTIONS

SHEET NO.
449

glen.dvorovy 5/6/2020 5:10:52 PM c:\pwworking\aecom_na\glen.dvorovy\d0166331\RDXSRD01_SR400.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	170.9	771.8	340.9	1603.5
0.0	0.0	245.9	805.0	525.0	2342.1

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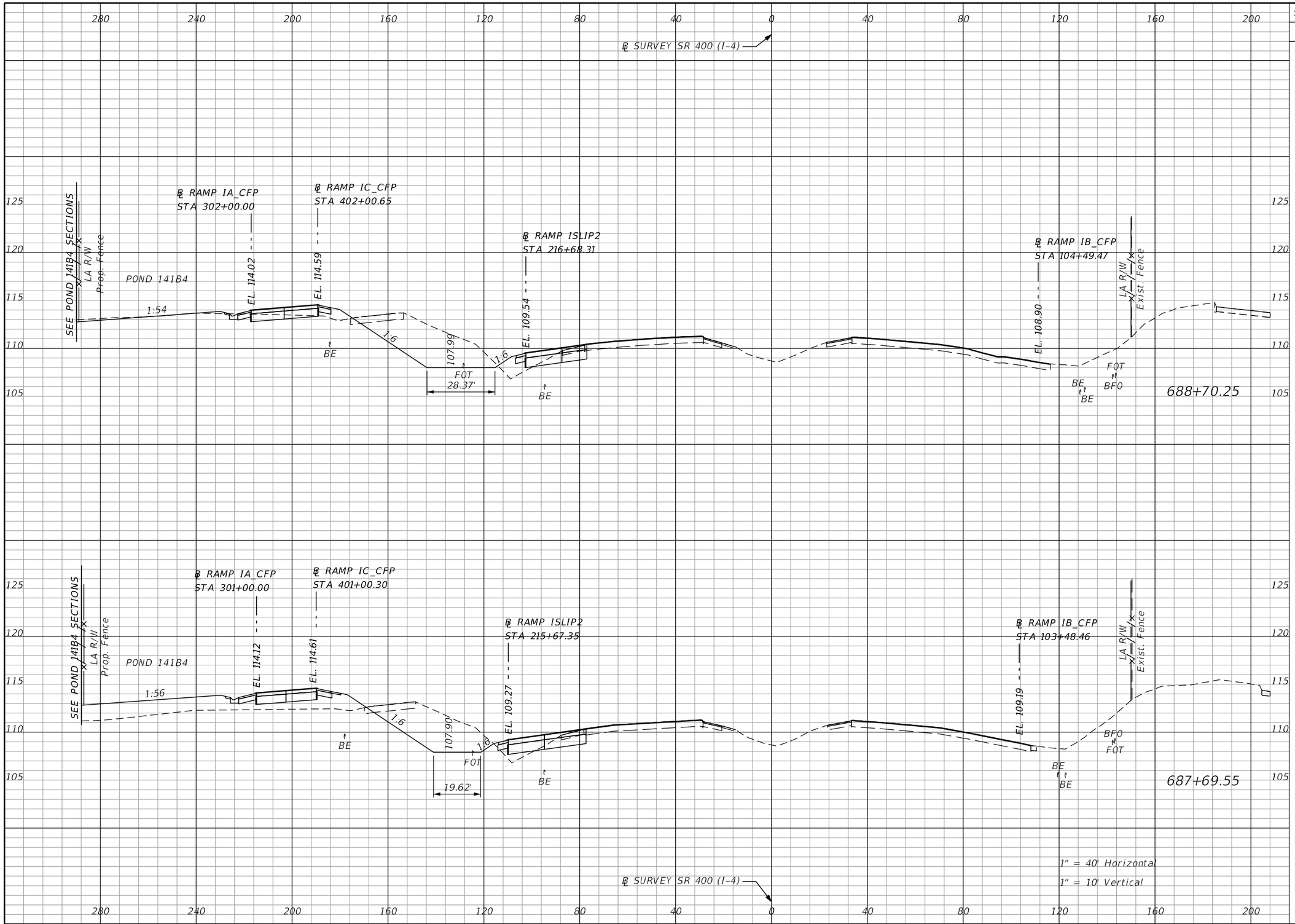
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 450



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	210.7	699.5	27.0	342.1
0.0	0.0	164.4	629.1	156.5	933.1

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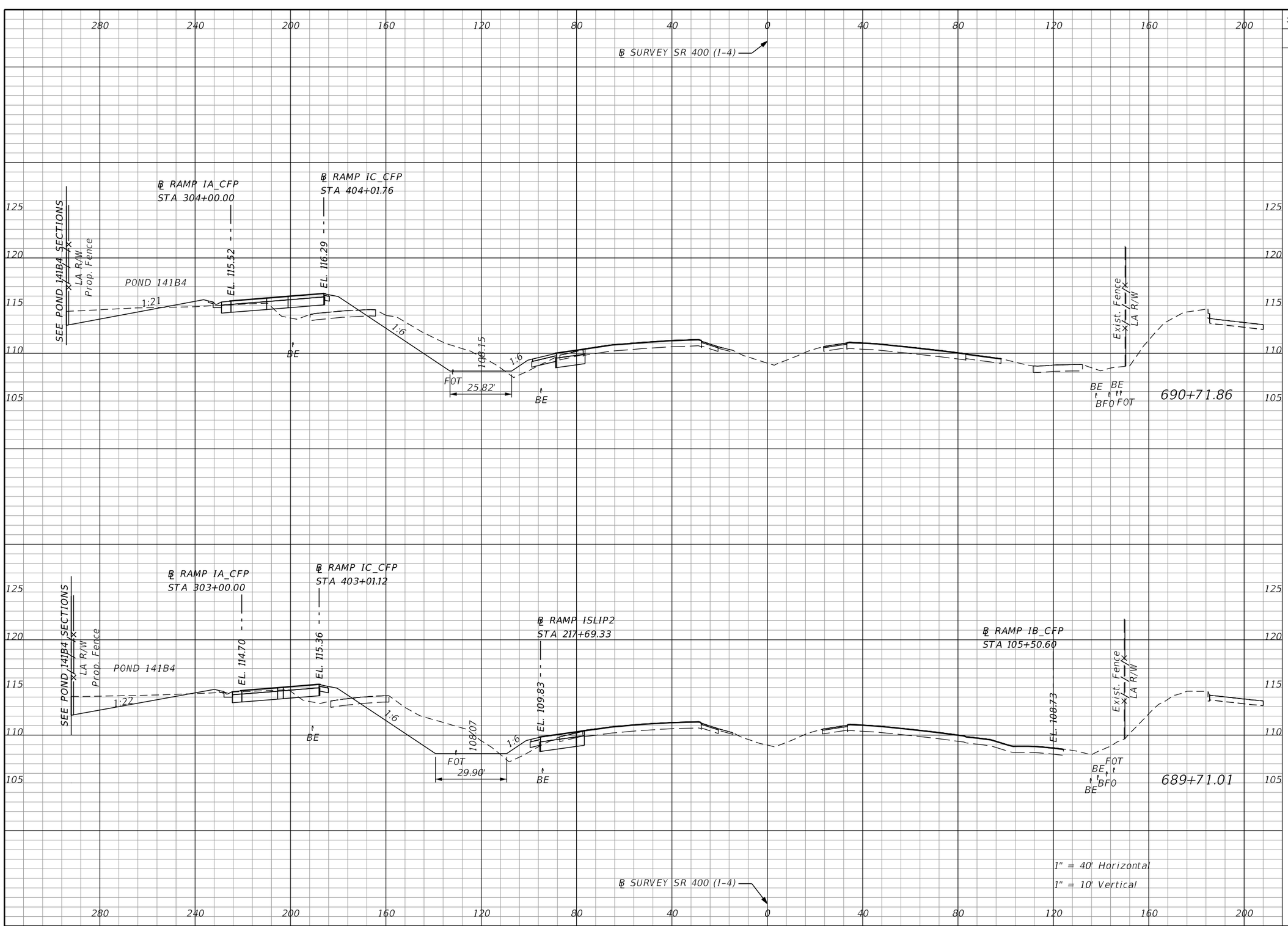
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 451

glen.dvorovy 5/6/2020 5:11:02 PM c:\pwworking\aecom_na\glen.dvorovy\d0166331\RDXSRD01_SR400.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	168.7	749.9	51.9	159.8
0.0	0.0	232.8	827.7	33.7	113.2

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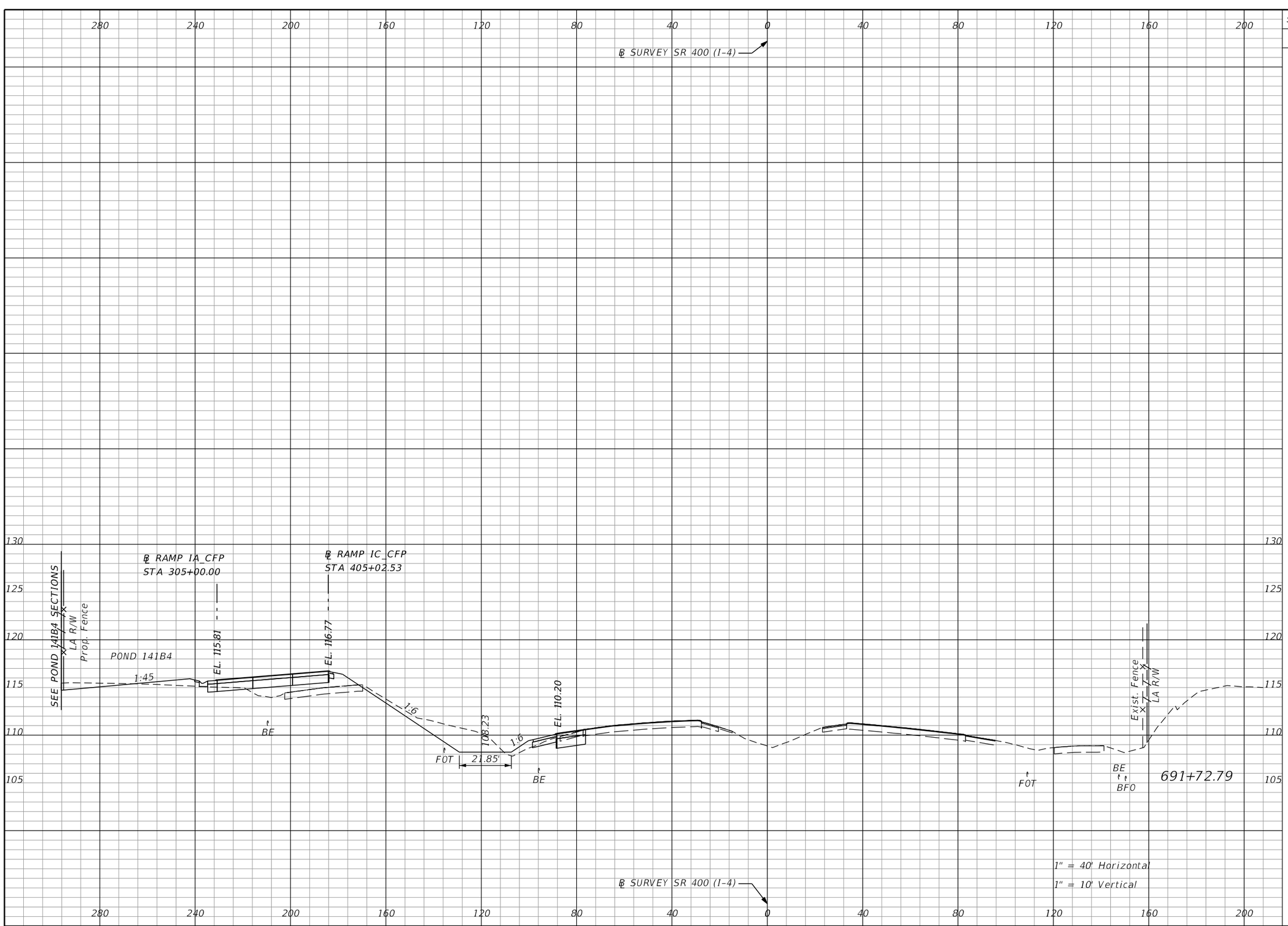
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 452



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	107.9	516.9	52.3	194.6

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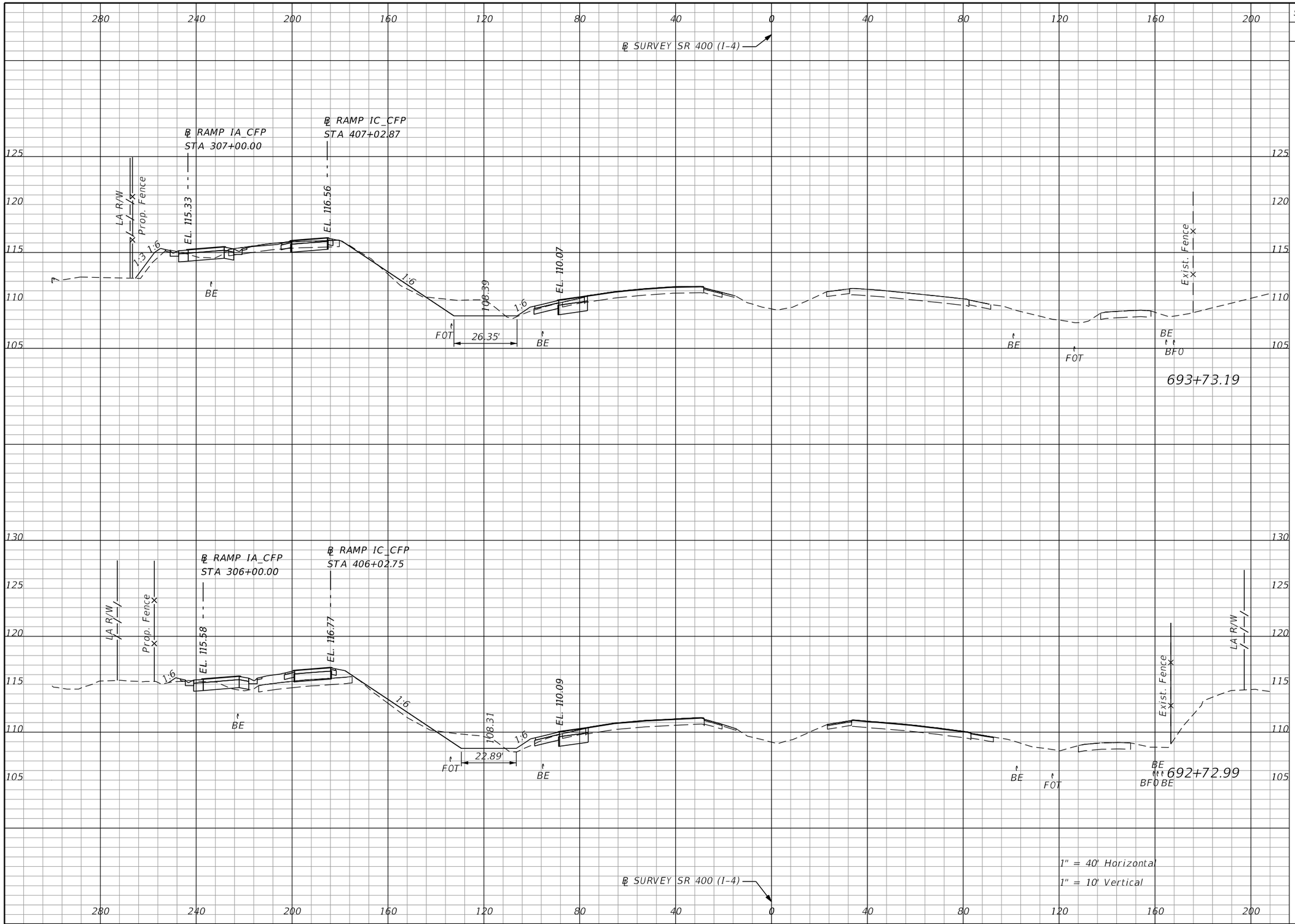
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 453



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	100.0	302.7	17.1	100.9
0.0	0.0	63.1	317.3	37.3	166.2

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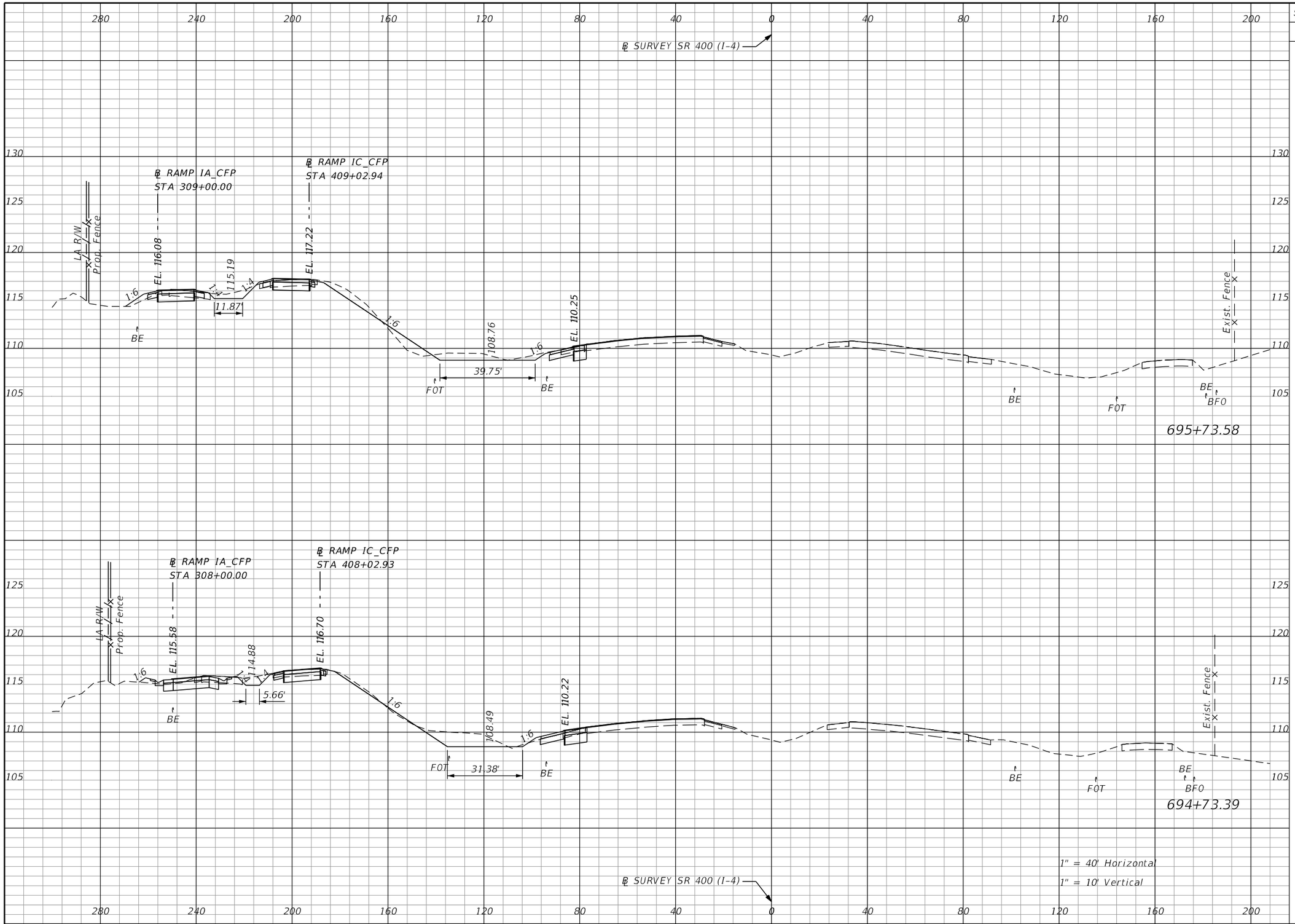
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 454

glen.dvorovy 5/6/2020 5:11:16 PM c:\pwworking\aecom_na\glen.dvorovy\d0166331\RDXSRD01_SR400.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		105.5		19.1	
	0.0		415.8		45.6
0.0		118.6		5.4	
	0.0		405.7		41.8

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

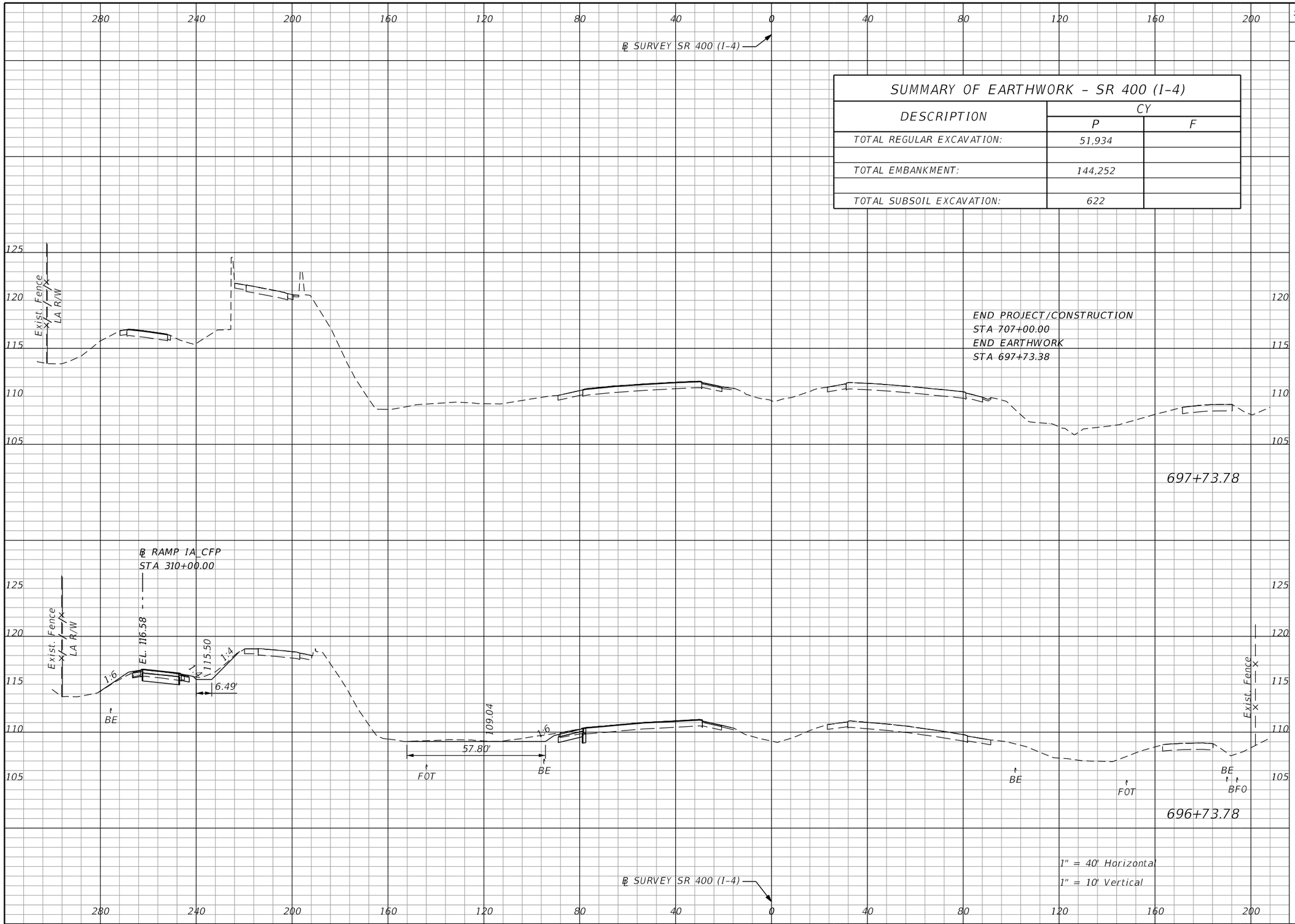
SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 455

SUMMARY OF EARTHWORK – SR 400 (I-4)

DESCRIPTION	CY	
	P	F
TOTAL REGULAR EXCAVATION:	51,934	
TOTAL EMBANKMENT:	144,252	
TOTAL SUBSOIL EXCAVATION:	622	

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		0.0		0.0	
	0.0		95.7		3.1
0.0		51.7		1.7	
	0.0		291.6		38.6



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
CROSS SECTIONS

SHEET NO. 456

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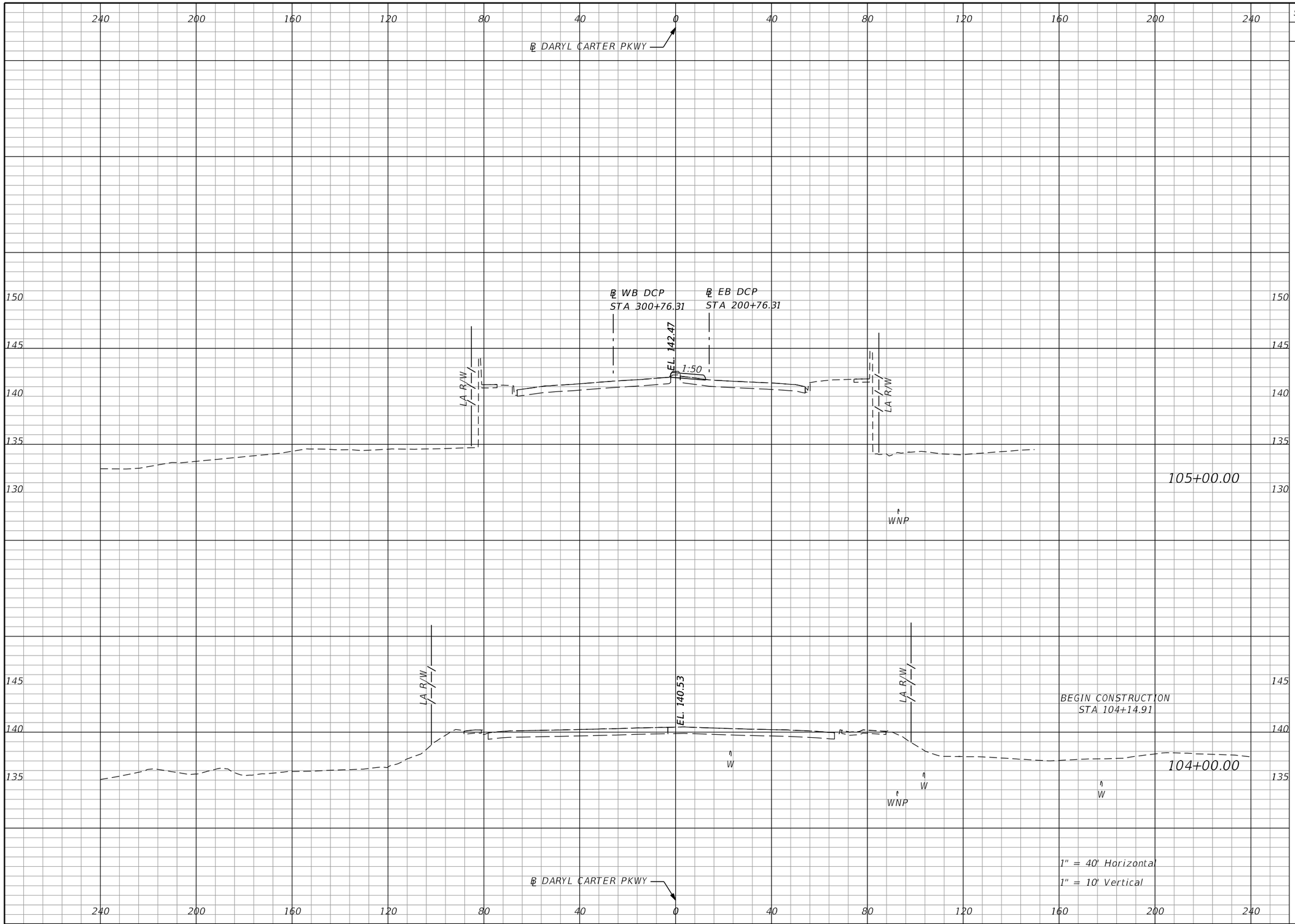

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0

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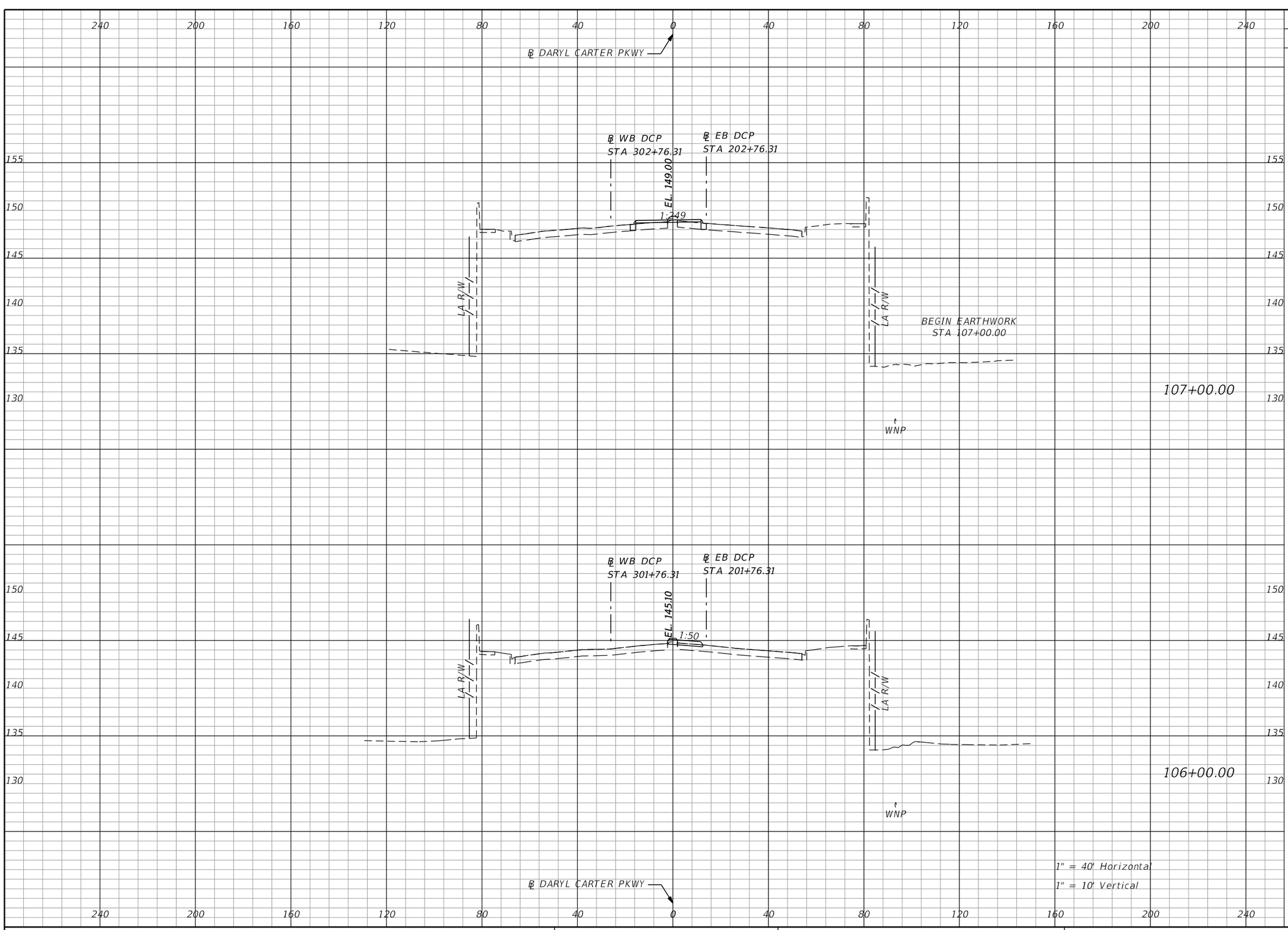
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY
CROSS SECTIONS

SHEET NO. 457

glen.dvorovy 5/6/2020 5:11:41 PM c:\pwworking\aecom_na\glen.dvorovy\d0166331\RDXSRD01_DCP.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	5.8	10.8	0.7	1.2
0.0	0.0	0.0	0.0	0.0	0.0

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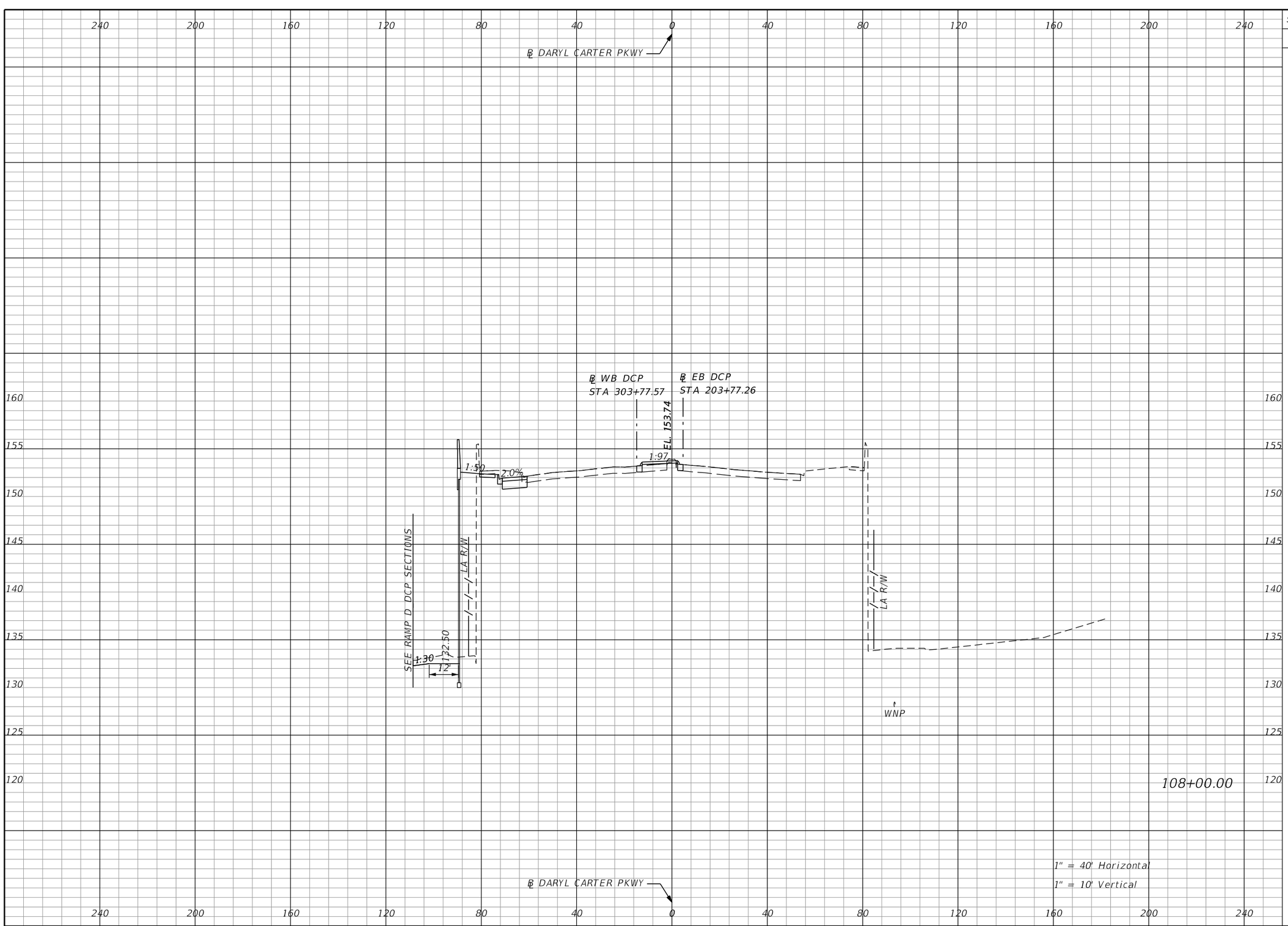
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY
CROSS SECTIONS

SHEET NO. 458



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	46.9	97.7	134.4	250.1

108+00.00

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY
CROSS SECTIONS

SHEET NO. 459

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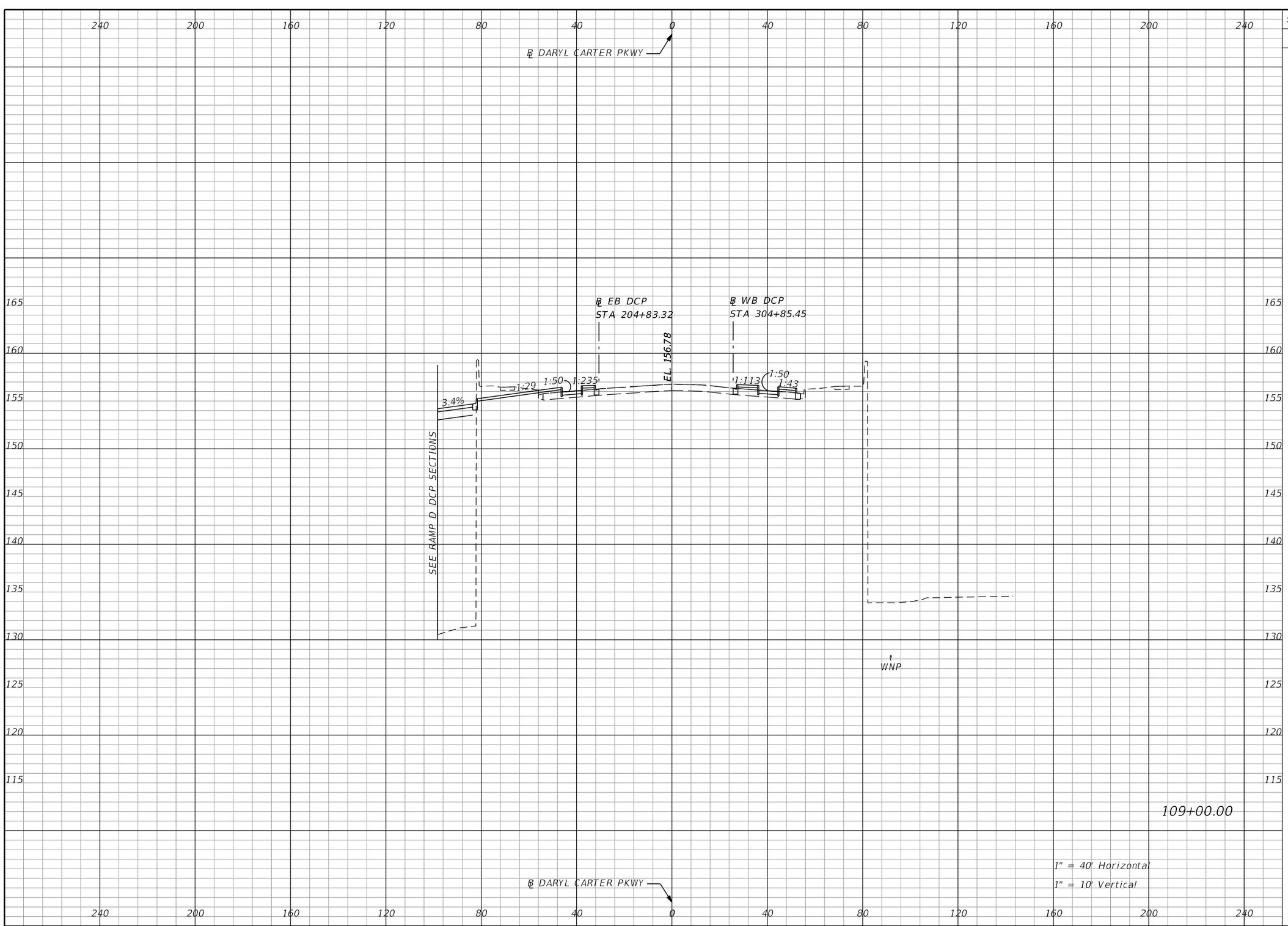

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	40.1	161.1	364.6	924.1

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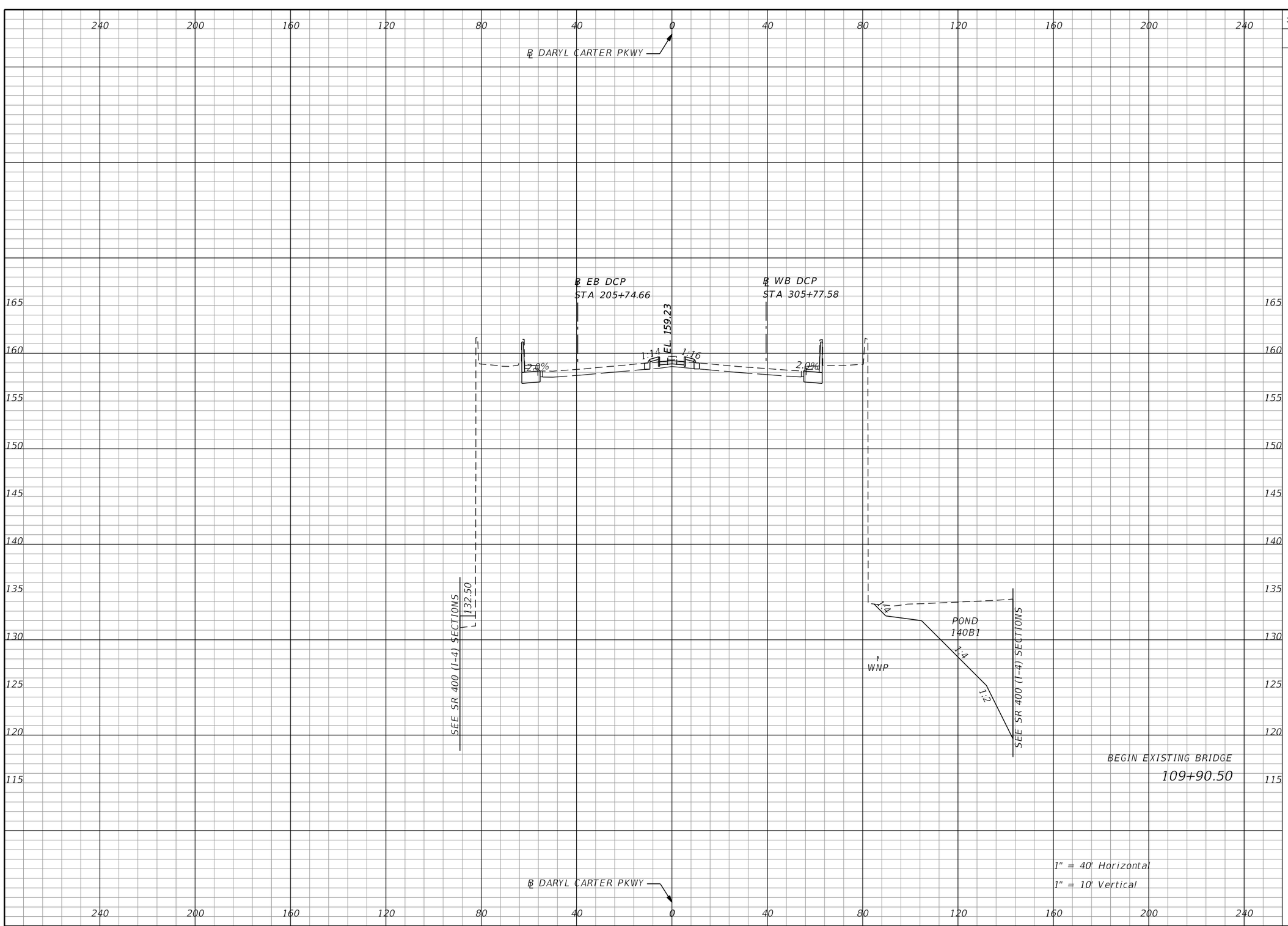
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY CROSS SECTIONS

SHEET NO. 460

glen.dvorovy 5/6/2020 5:11:48 PM c:\pwworking\aecom_na\glen.dvorovy\d0166331\RDXSRD01_DCP.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	335.9	630.1	8.8	625.7

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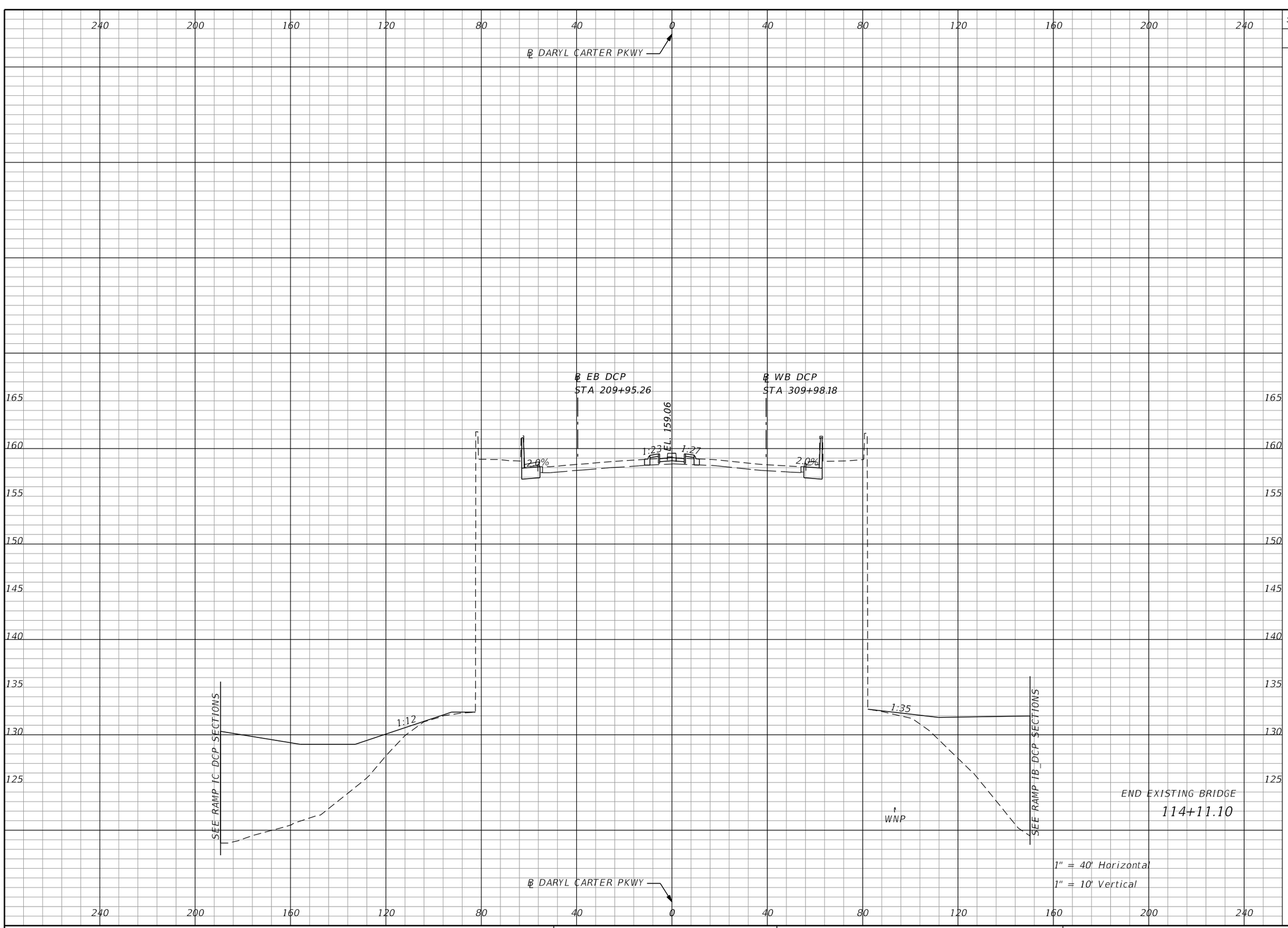
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY CROSS SECTIONS

SHEET NO. 461



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	34.8	0.0	856.2	0.0

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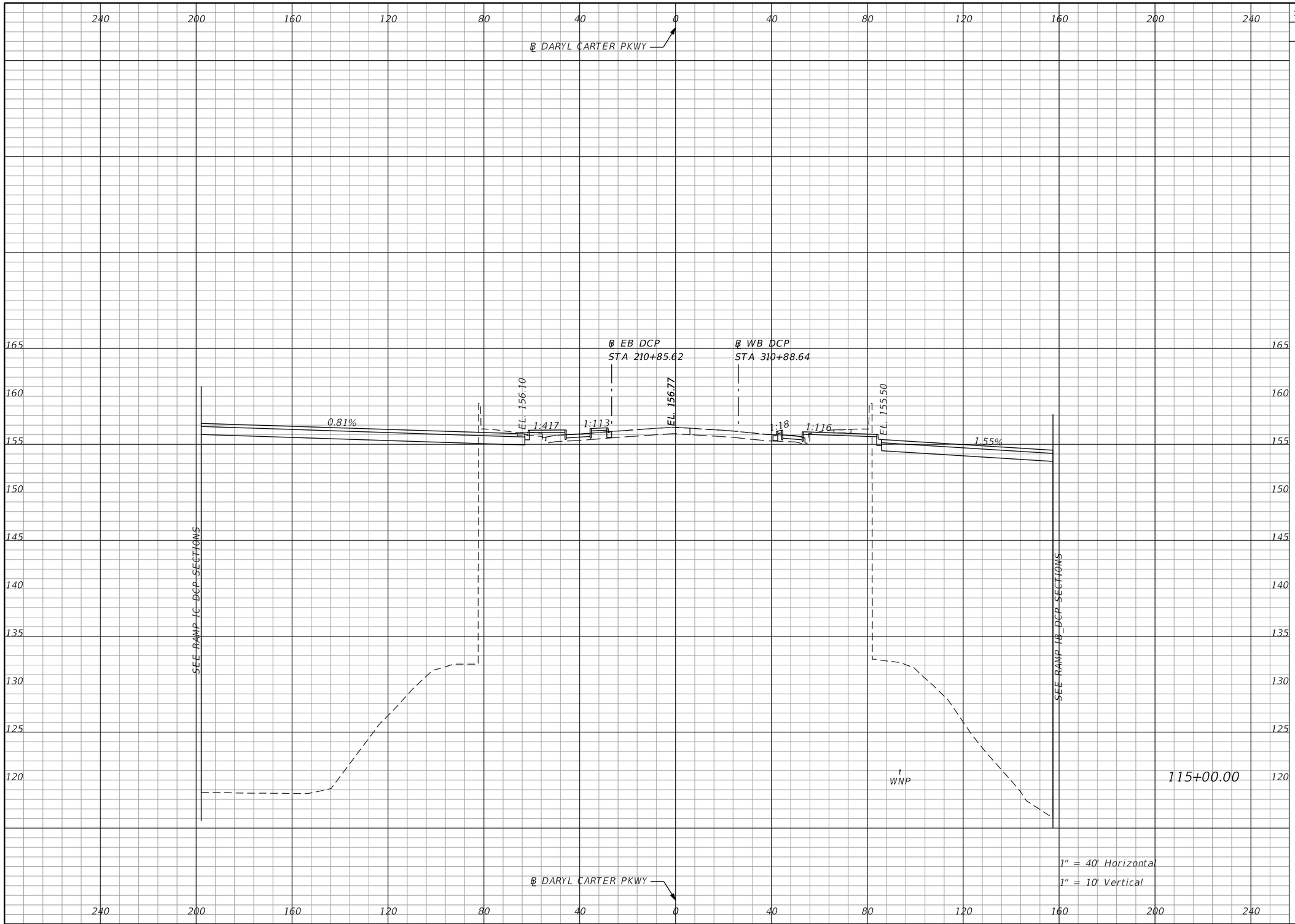
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY CROSS SECTIONS

SHEET NO. 462

glen.dvorovy 5/6/2020 5:11:55 PM c:\pwworking\aecom_na\glen.dvorovy\d0166331\RDXSRD01_DCP.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	58.8	153.9	5849.8	11040.0

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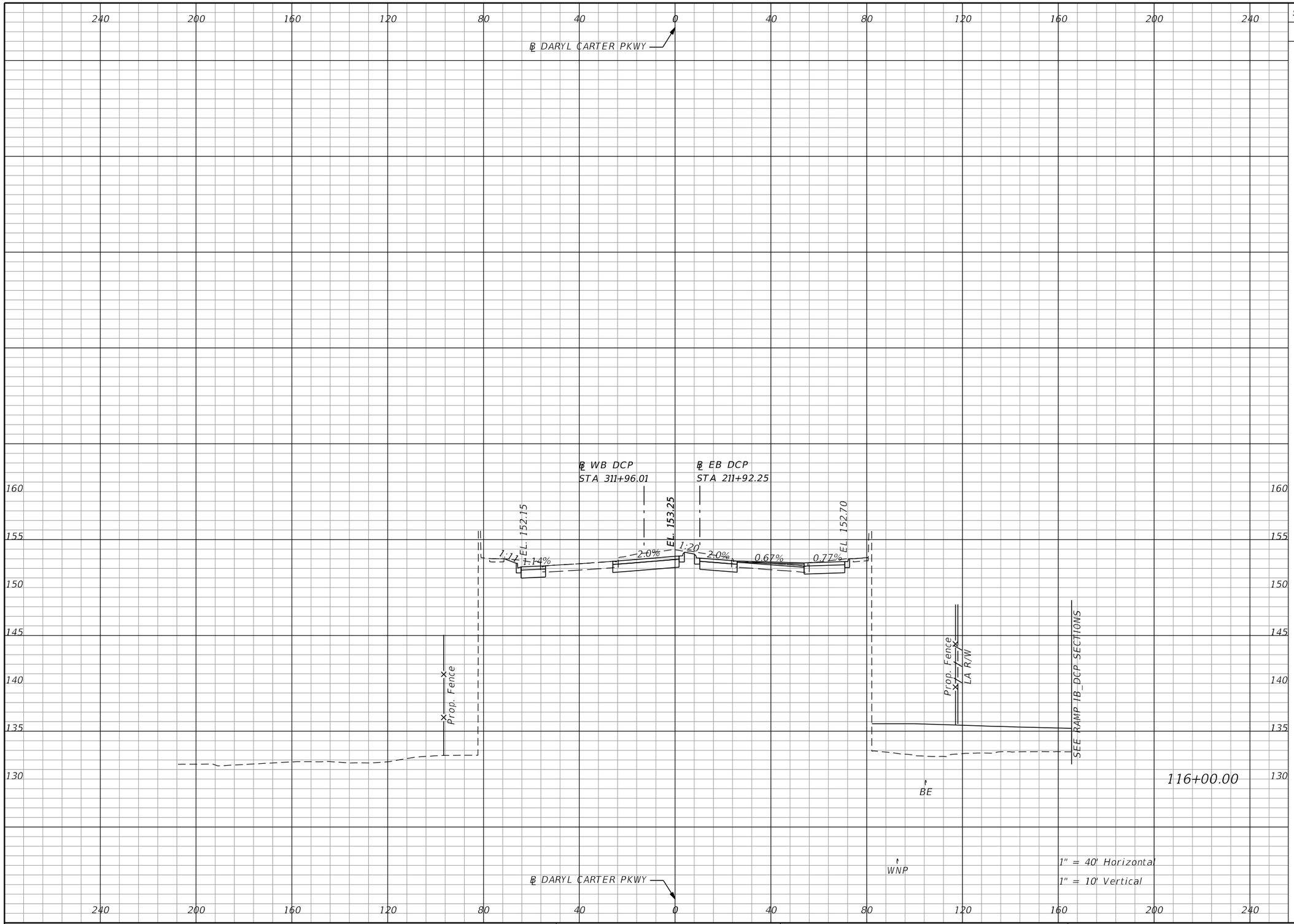
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY CROSS SECTIONS

SHEET NO. 463



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	119.8	330.7	239.8	11276.9

1" = 40' Horizontal
1" = 10' Vertical

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SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY
CROSS SECTIONS

SHEET NO.
464

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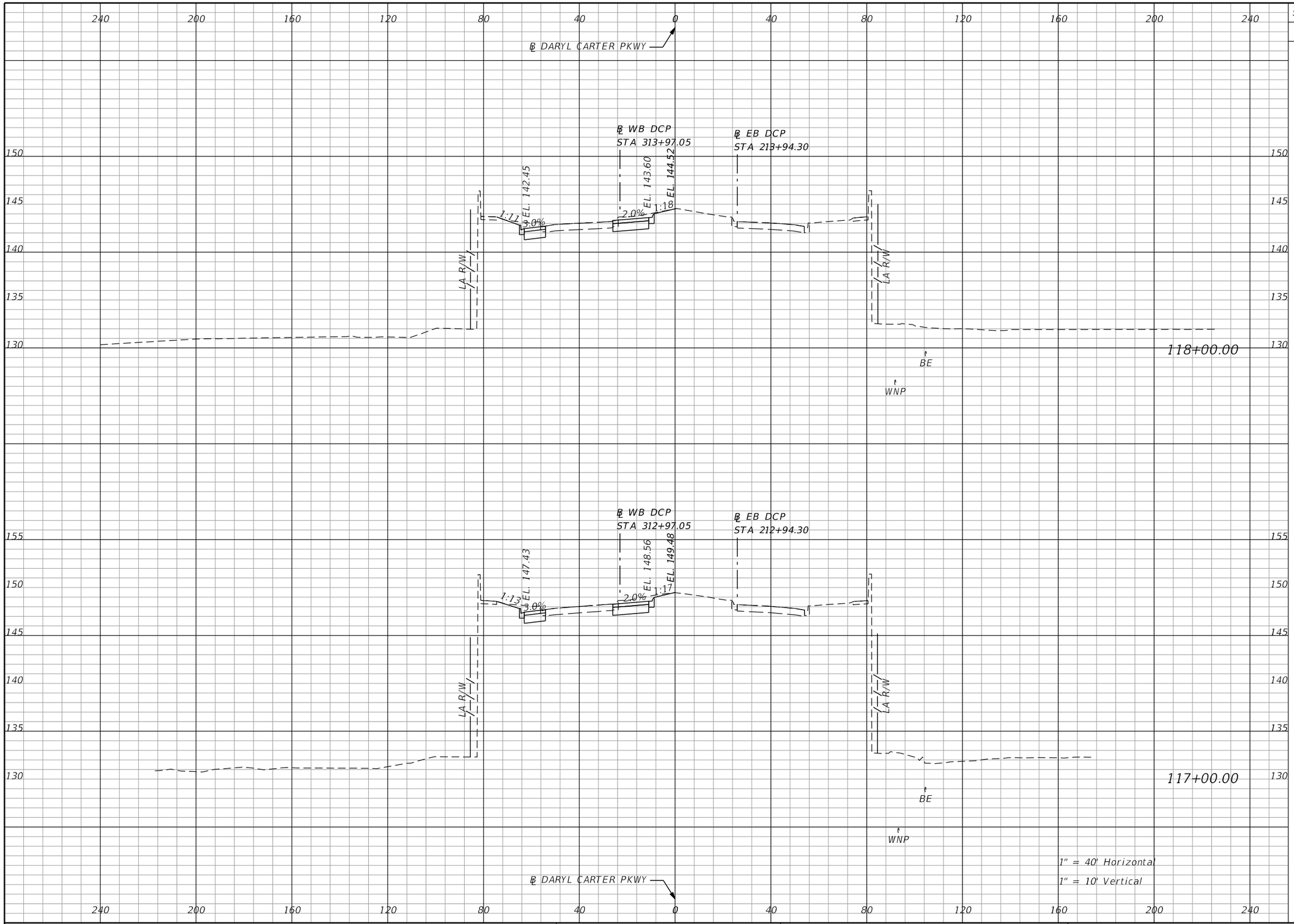

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	42.0	159.6	0.0	0.0
0.0	0.0	44.2	303.7	0.0	444.0

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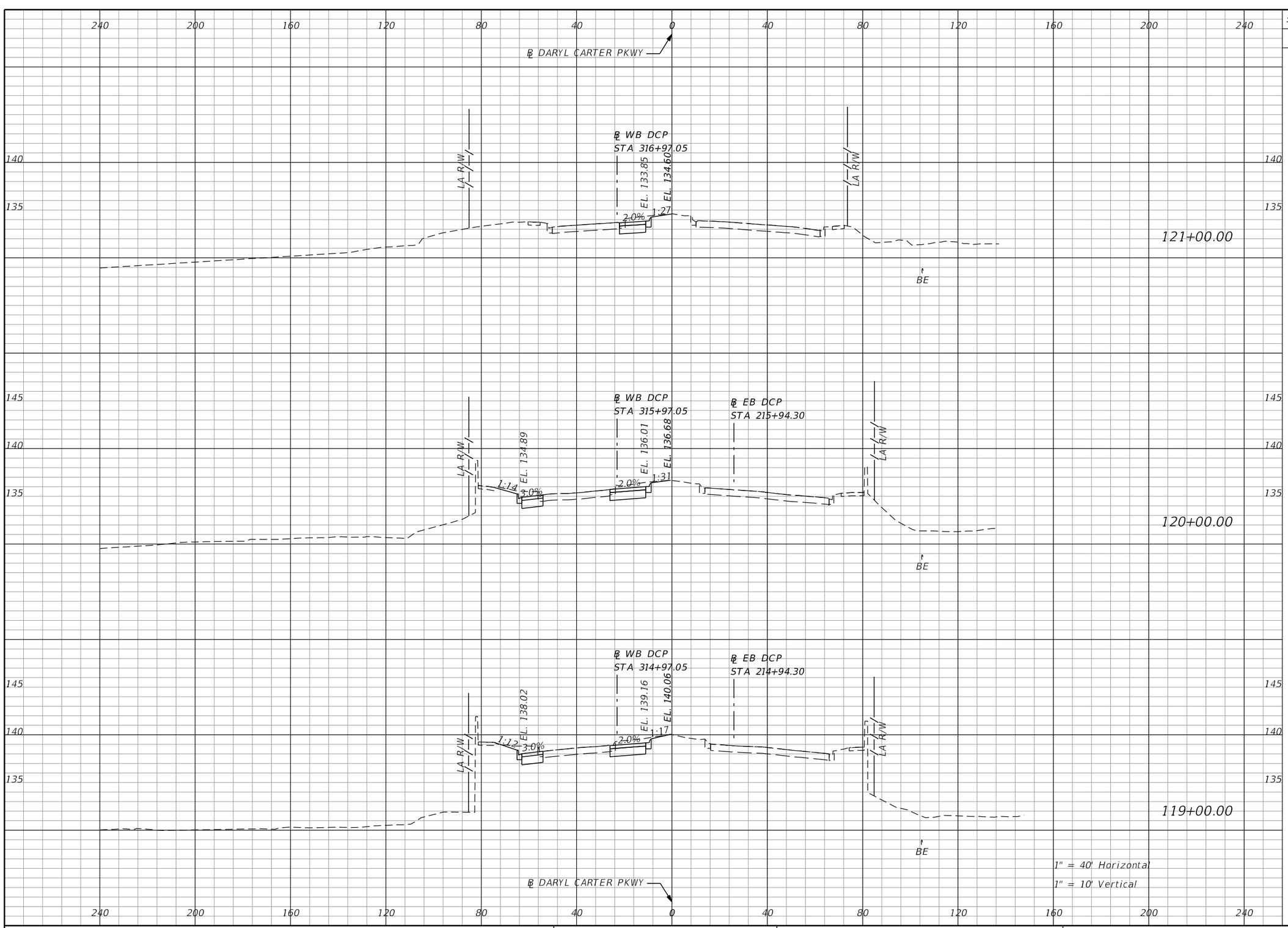
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY CROSS SECTIONS

SHEET NO. 465



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	20.4	118.3	0.0	0.0
0.0	0.0	43.5	165.4	0.0	0.1
0.0	0.0	45.8	162.6	0.1	0.2

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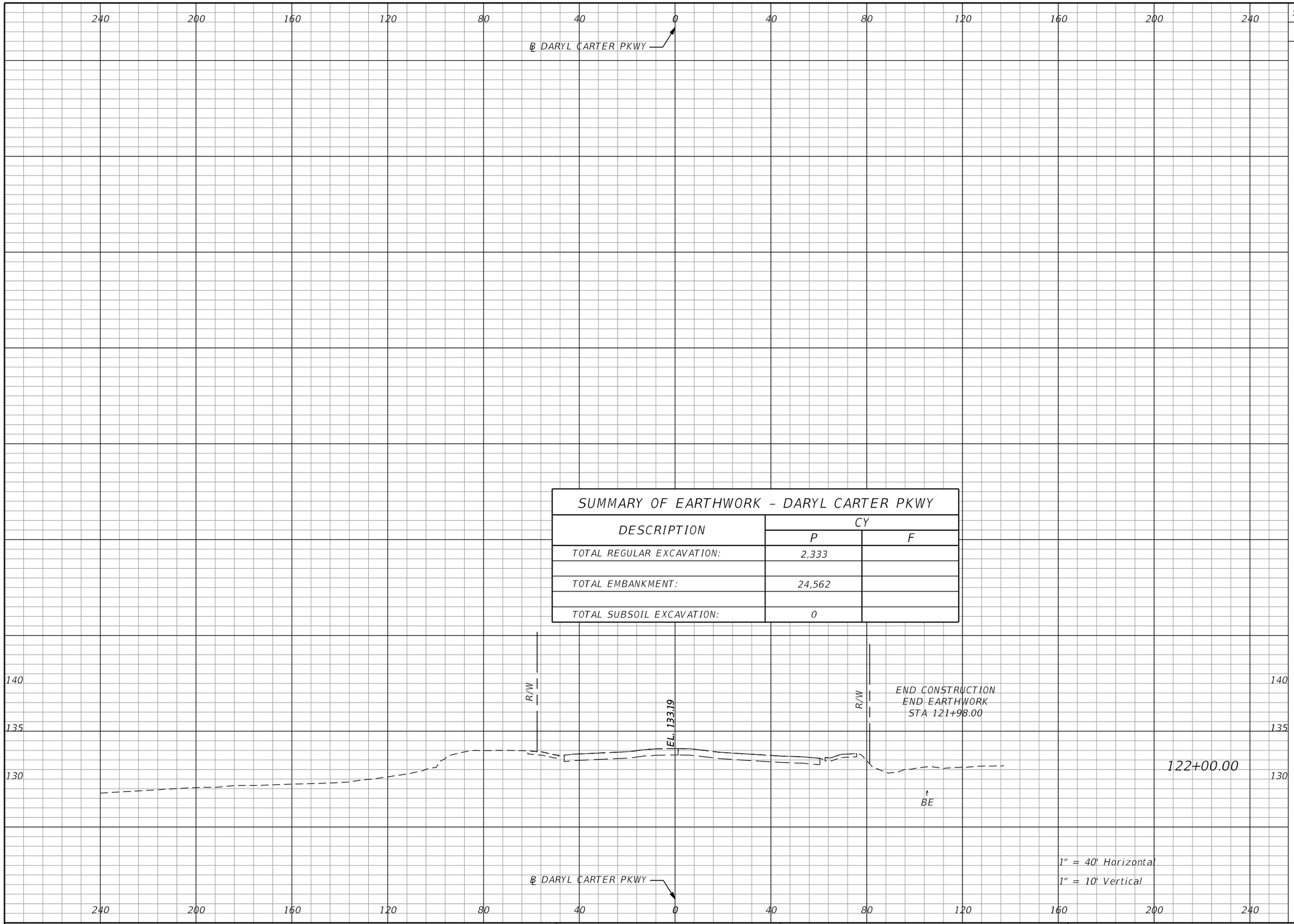
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY CROSS SECTIONS

SHEET NO. 466



SUMMARY OF EARTHWORK – DARYL CARTER PKWY

DESCRIPTION	CY	
	P	F
TOTAL REGULAR EXCAVATION:	2,333	
TOTAL EMBANKMENT:	24,562	
TOTAL SUBSOIL EXCAVATION:	0	

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	37.7	0.0	0.0

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REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY
CROSS SECTIONS

SHEET NO. 467

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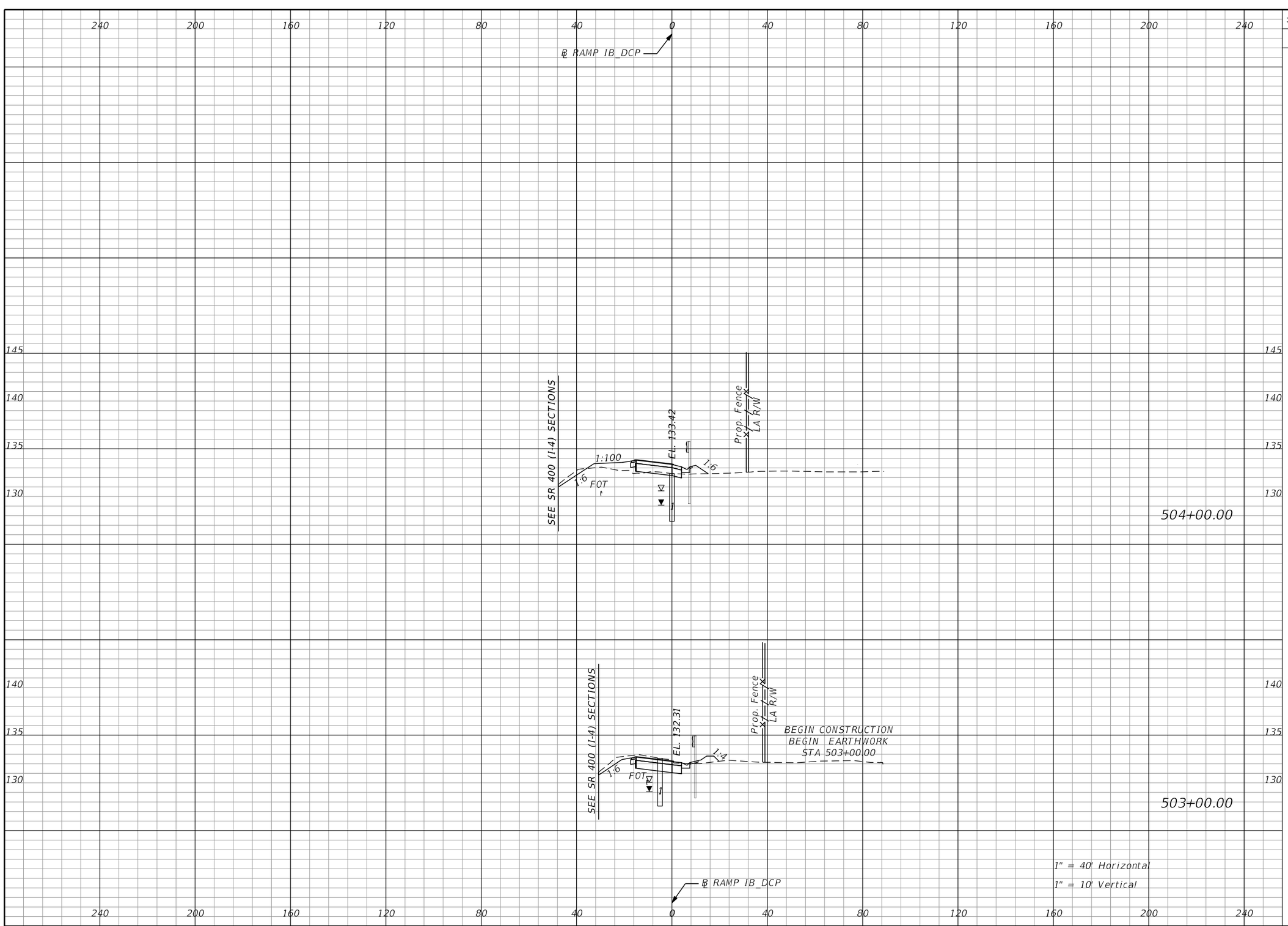

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	7.5	77.8	17.6	40.9
0.0	0.0	34.5	0.0	4.4	0.0

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IB_DCP
CROSS SECTIONS

SHEET NO. 468

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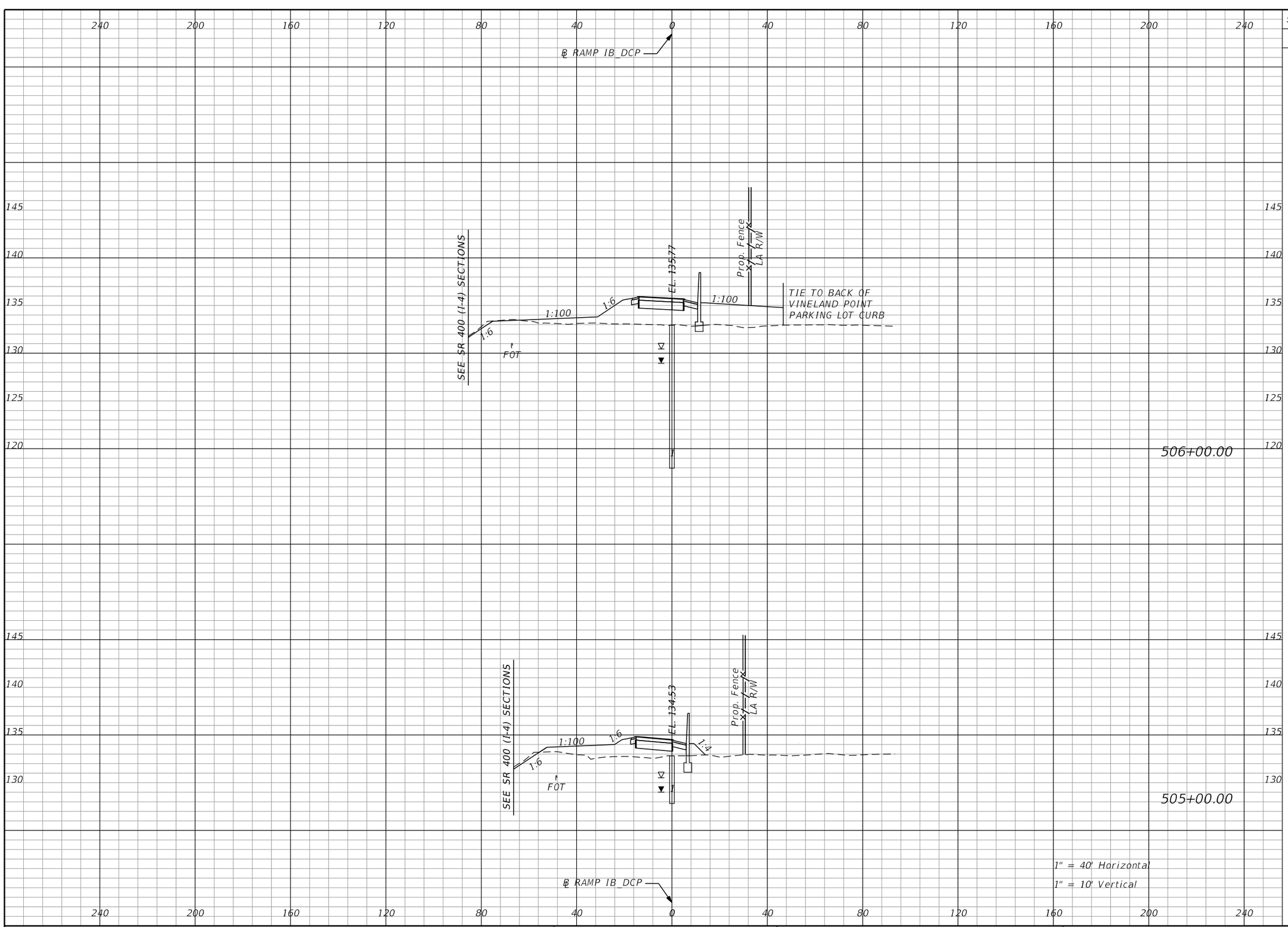

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		2.7		164.2	
	0.0		9.5		423.6
0.0		2.4		64.5	
	0.0		18.4		152.2

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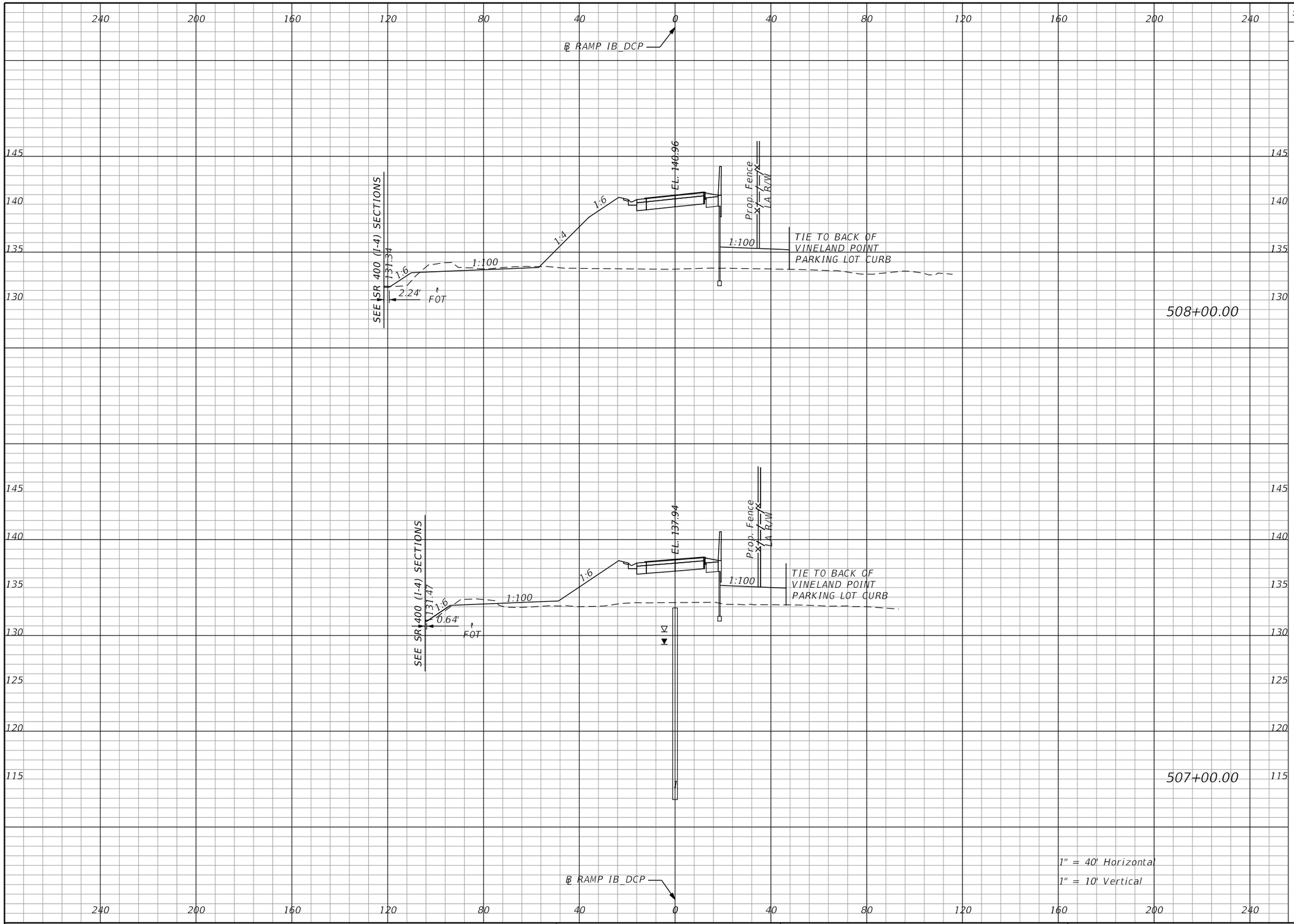
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IB_DCP
CROSS SECTIONS

SHEET NO. 469



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	17.0	46.9	477.3	1388.5
0.0	0.0	8.3	20.4	272.5	808.7

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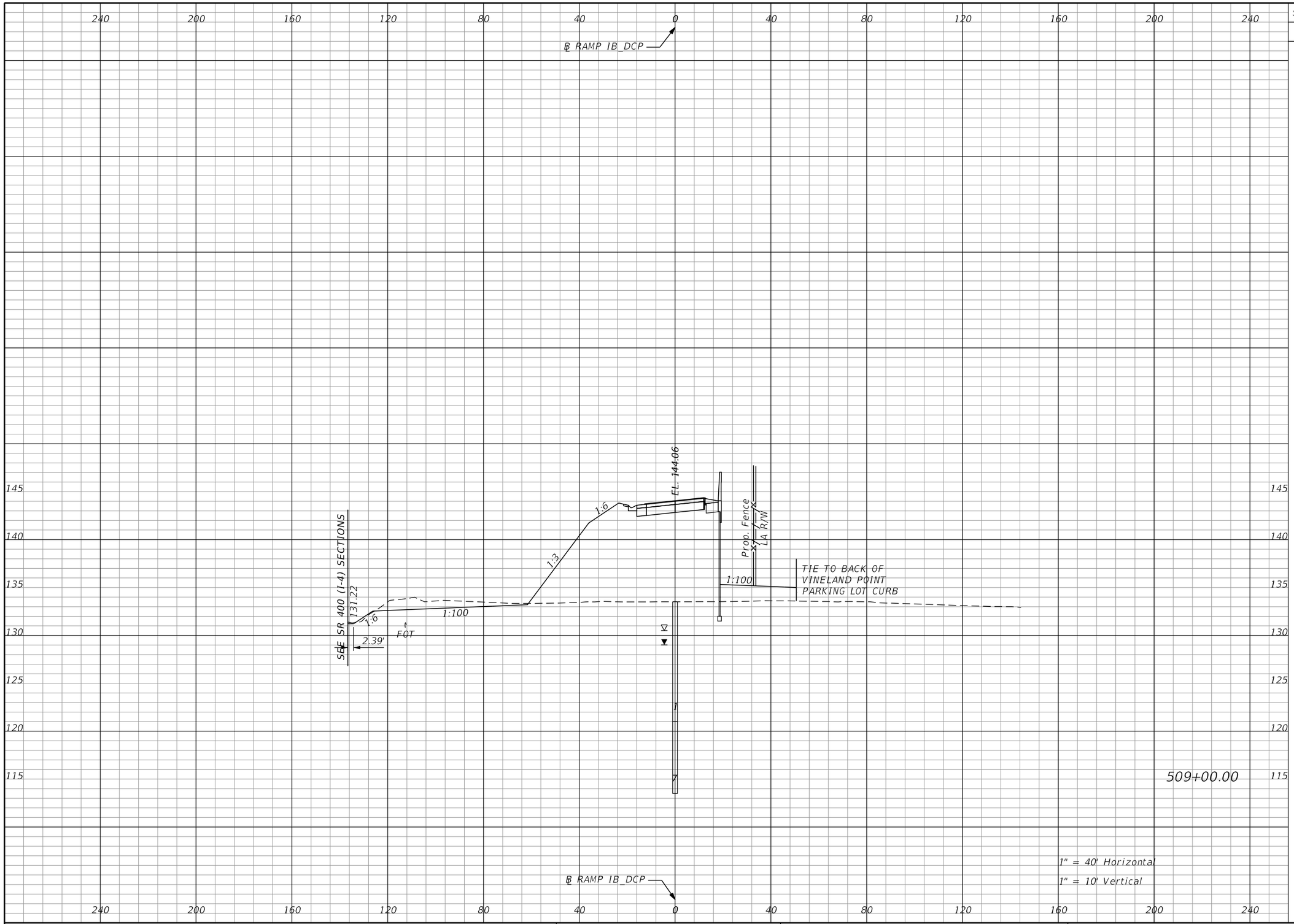
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IB_DCP
CROSS SECTIONS

SHEET NO.
470



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	41.5	108.4	664.2	2113.8

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

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CROSS SECTIONS

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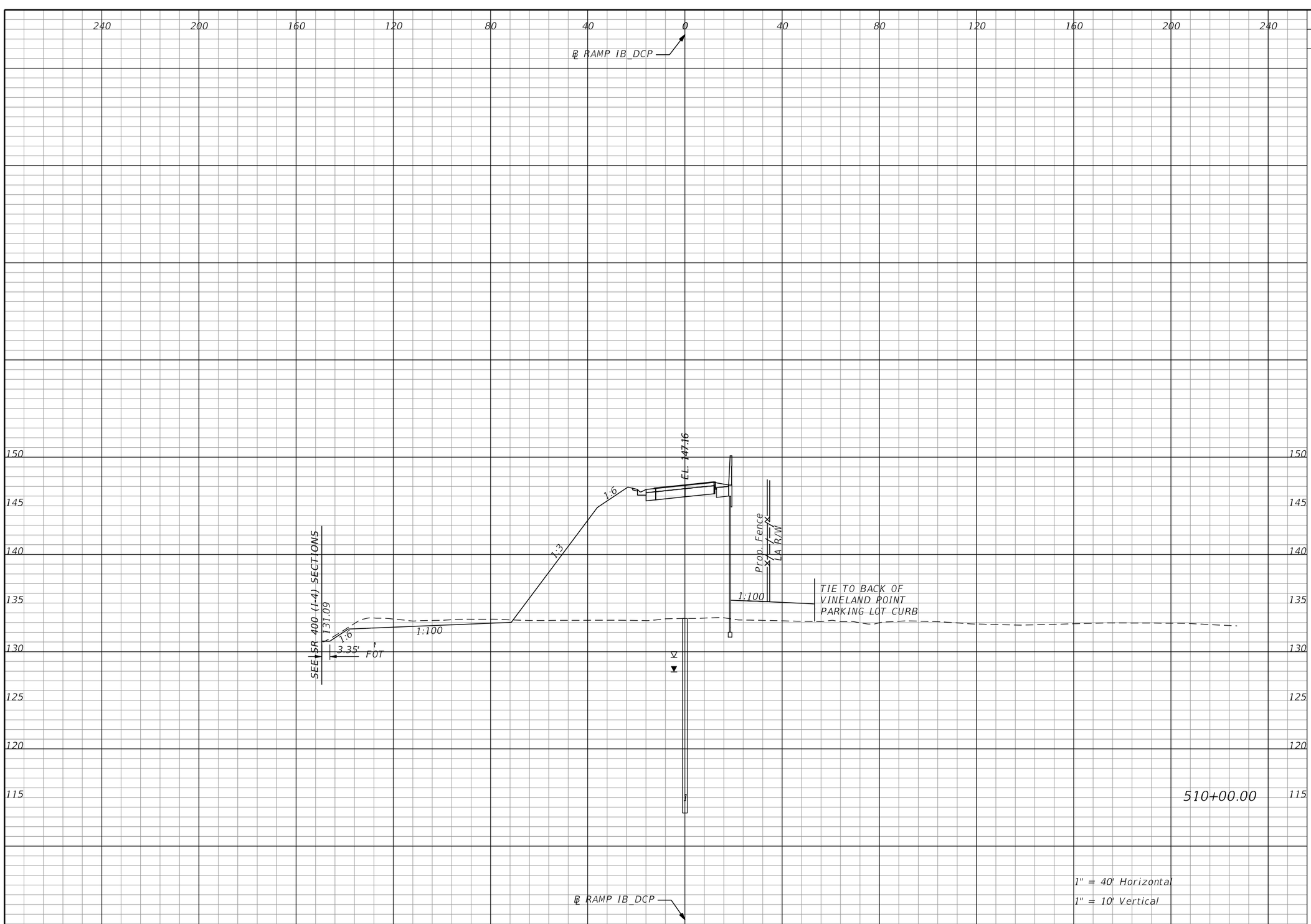

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	42.6	155.6	955.1	2998.7

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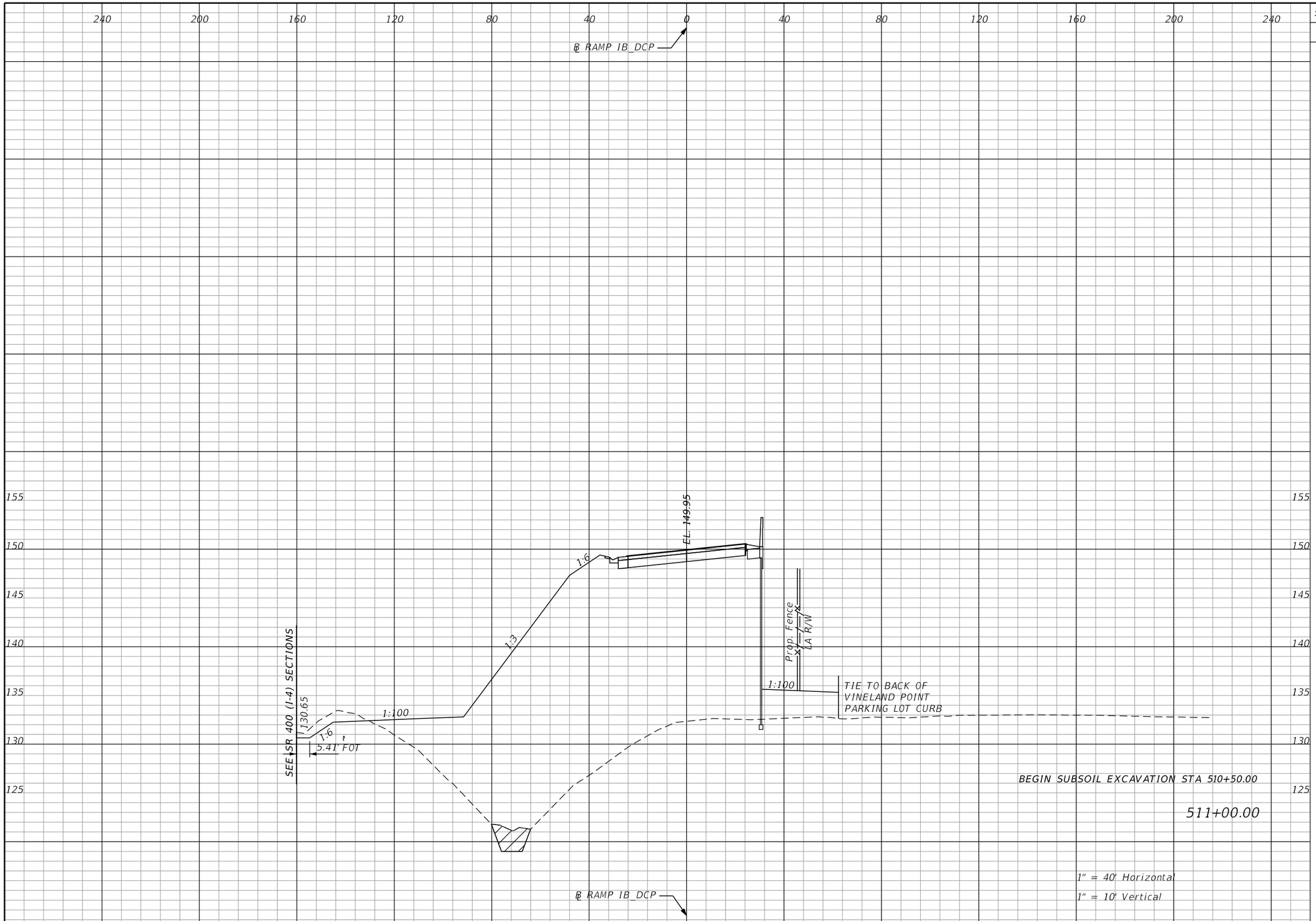
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IB_DCP
CROSS SECTIONS

SHEET NO. 472



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
118.5		24.3		2515.7	
	163.5		123.9		6371.6

1" = 40' Horizontal
1" = 10' Vertical

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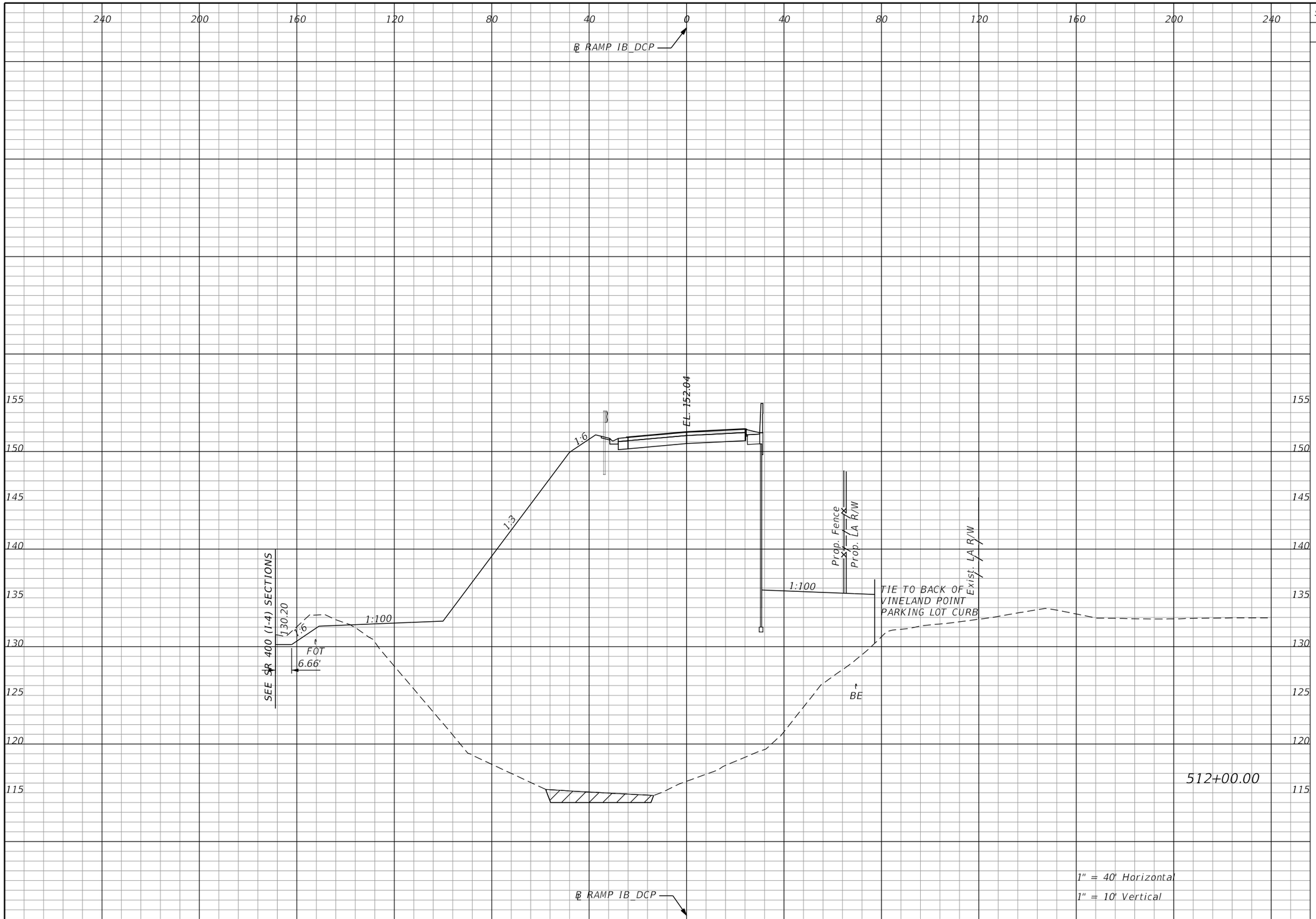
CROSS SECTIONS

SHEET NO. 473



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
175.4	370.5	32.5	105.1	4803.8	13380.9

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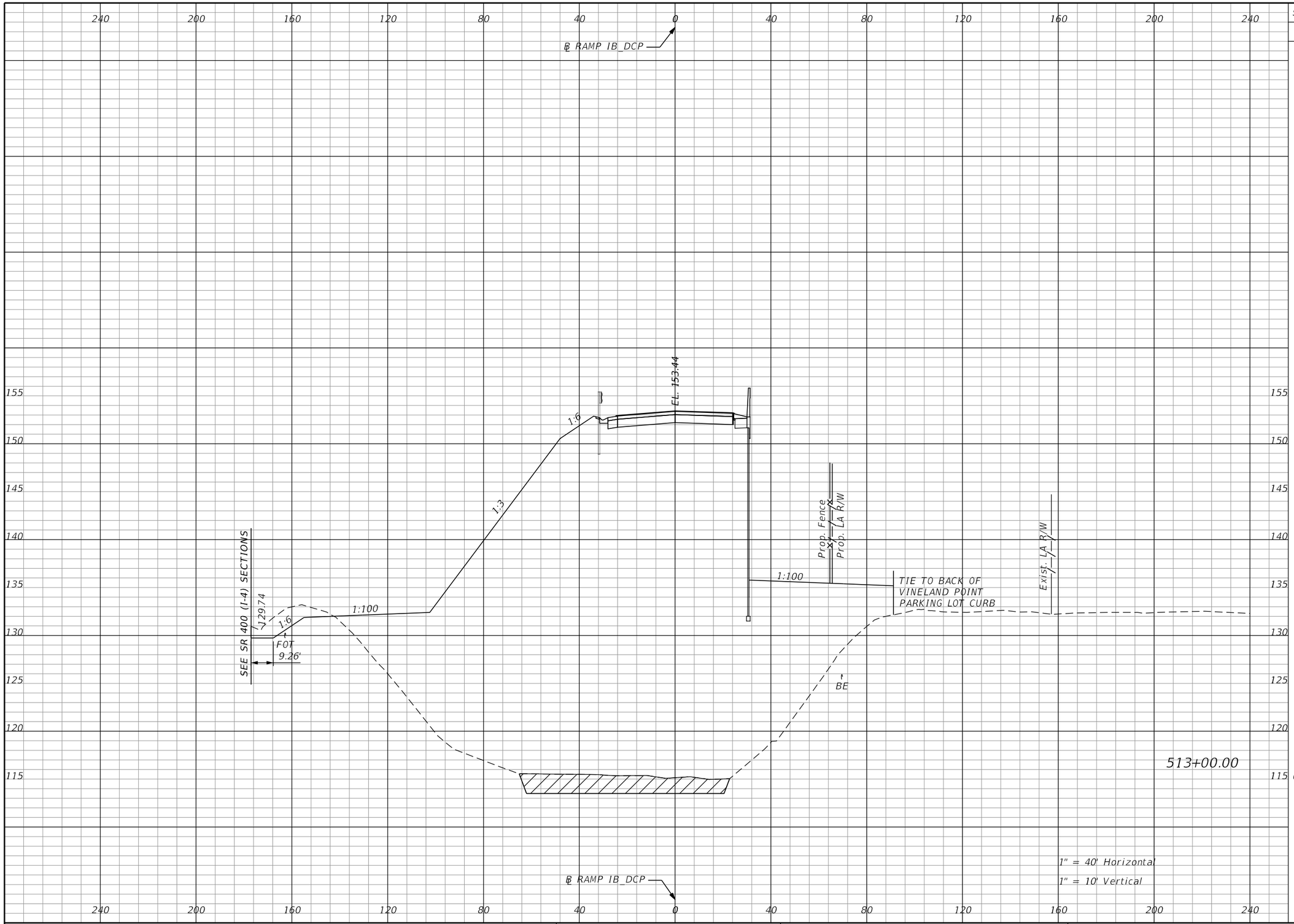
RAMP IB_DCP
CROSS SECTIONS

SHEET NO. 474



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
624.8	579.9	45.8	145.0	5688.9	18529.0

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IB_DCP
CROSS SECTIONS

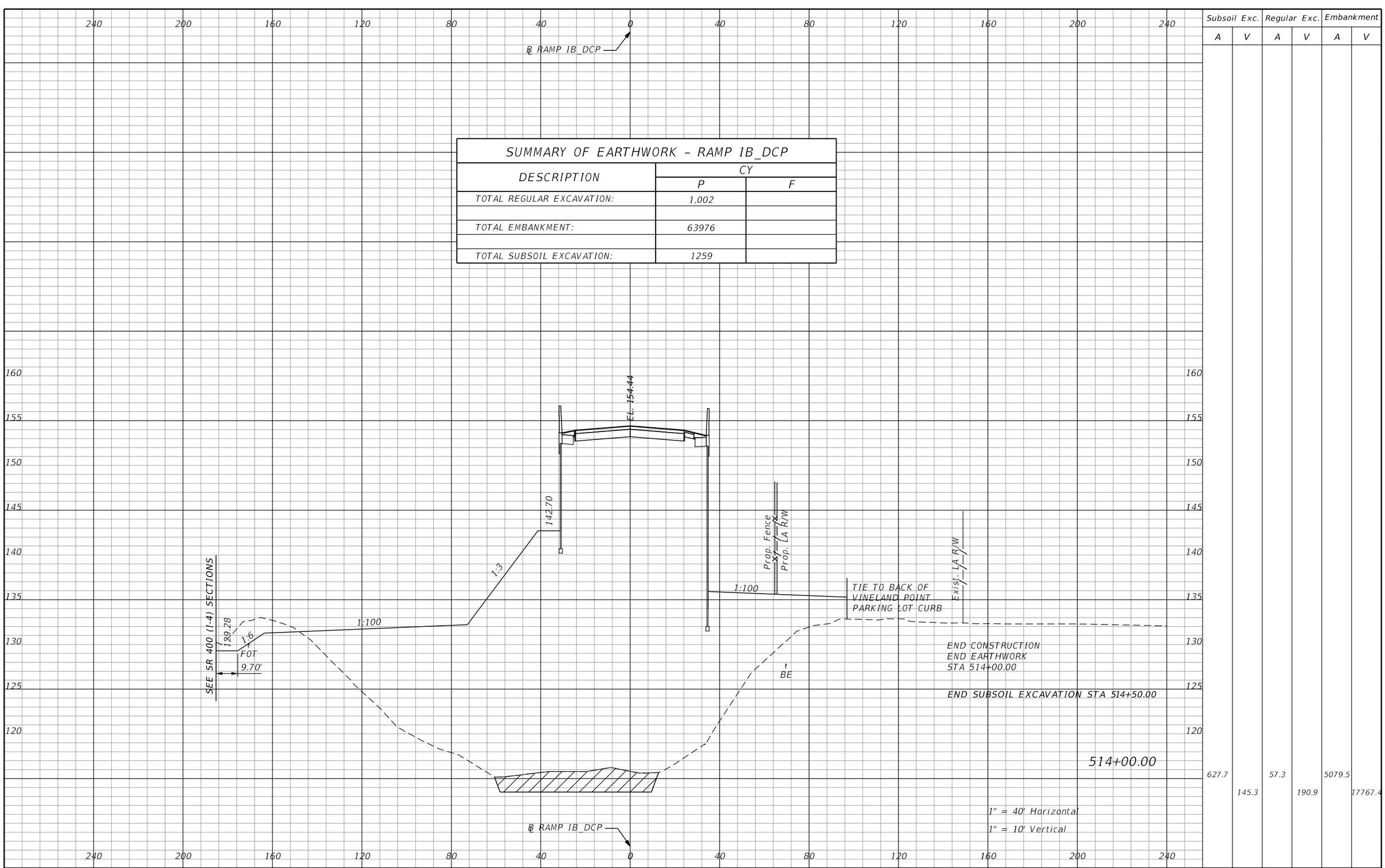
SHEET NO. 475

glen.dvorovy 5/6/2020 5:12:51 PM c:\pwworking\aecom_na\glen.dvorovy\d0166331\RDXSRD01_IB_DCP.DGN

SUMMARY OF EARTHWORK – RAMP IB_DCP

DESCRIPTION	CY	
	P	F
TOTAL REGULAR EXCAVATION:	1,002	
TOTAL EMBANKMENT:	63976	
TOTAL SUBSOIL EXCAVATION:	1259	

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
627.7	145.3	57.3	190.9	5079.5	17767.4



1" = 40' Horizontal
1" = 10' Vertical

REVISIONS			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IB_DCP
CROSS SECTIONS

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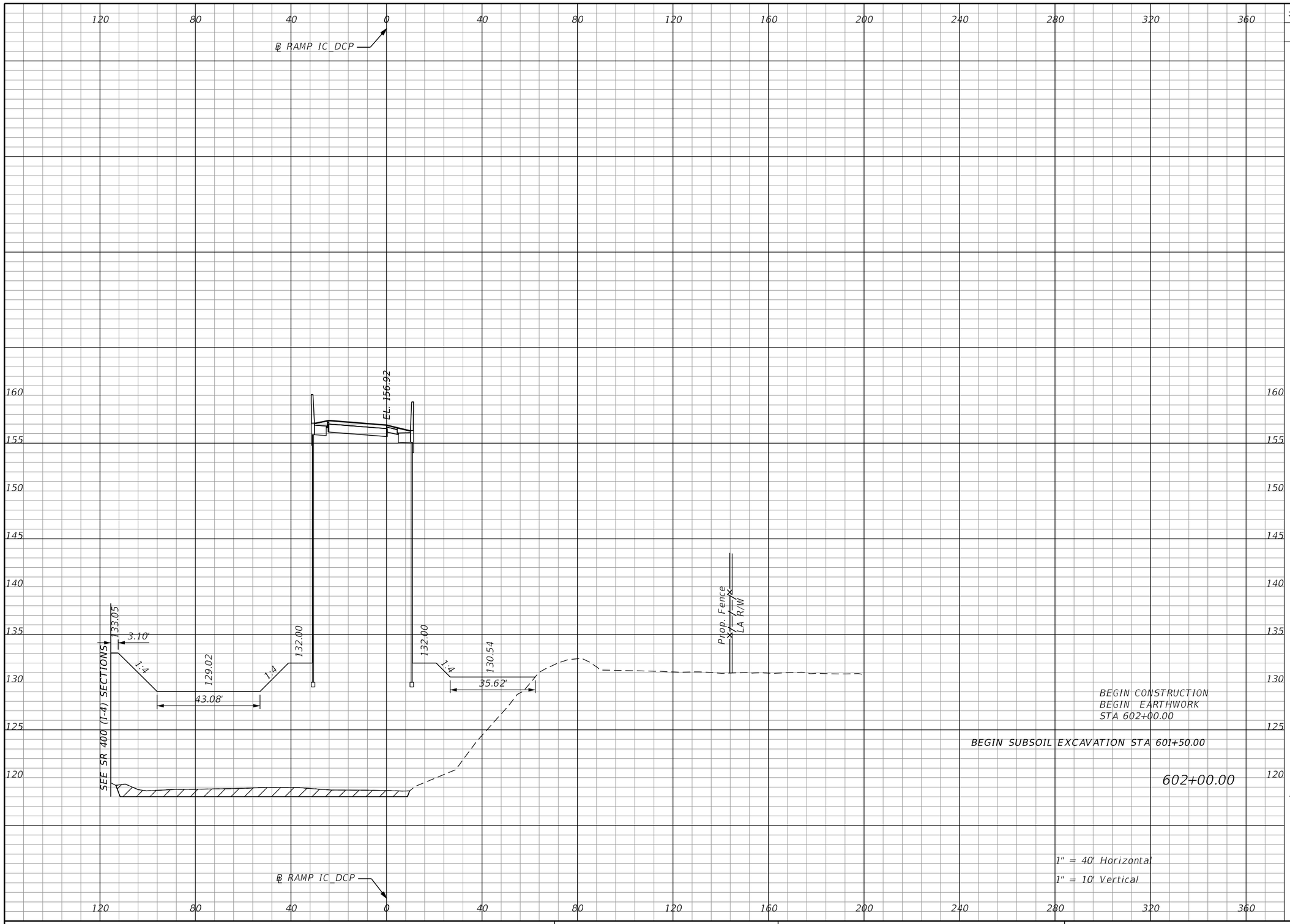

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
396.6	595.5	0.0	0.0	3238.4	595.5

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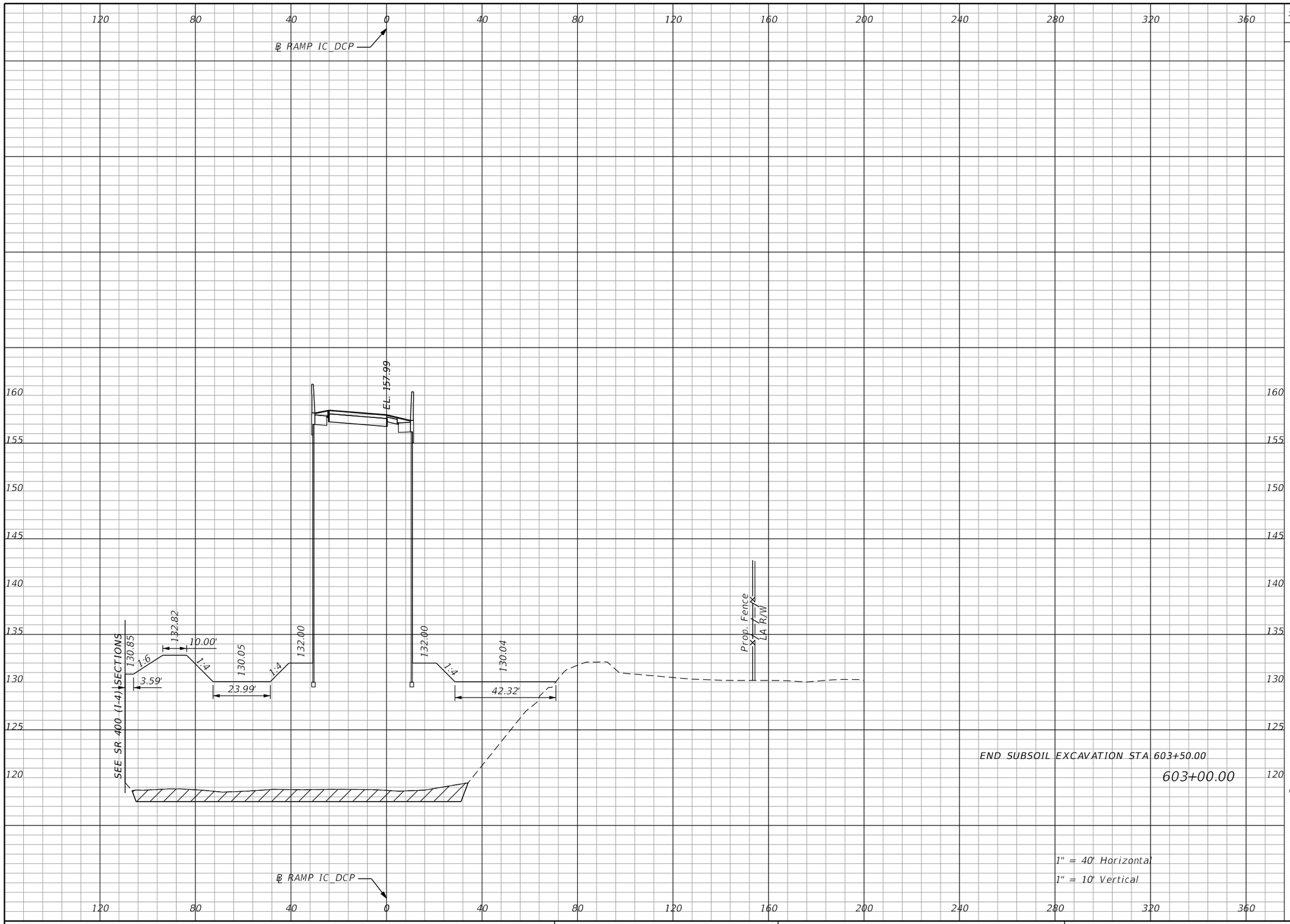
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IC_DCP CROSS SECTIONS

SHEET NO. 477



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
691.4	160.0	0.0	0.0	3709.7	11012.0

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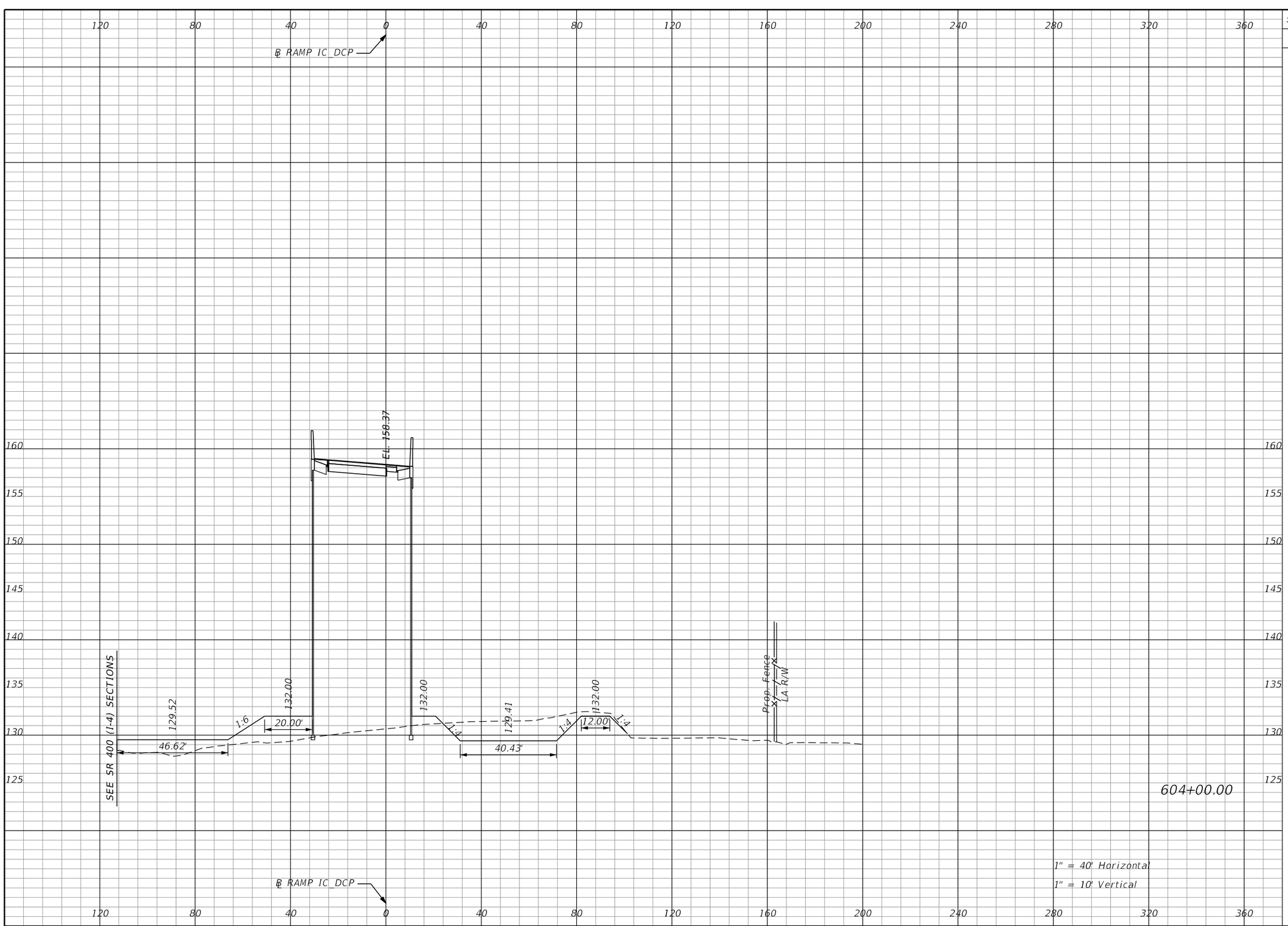
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IC_DCP CROSS SECTIONS

SHEET NO. 478



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	114.3	211.6	1240.3	7886.4

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SR 400	ORANGE	441113-1-52-01

RAMP IC_DCP CROSS SECTIONS

SHEET NO. 479

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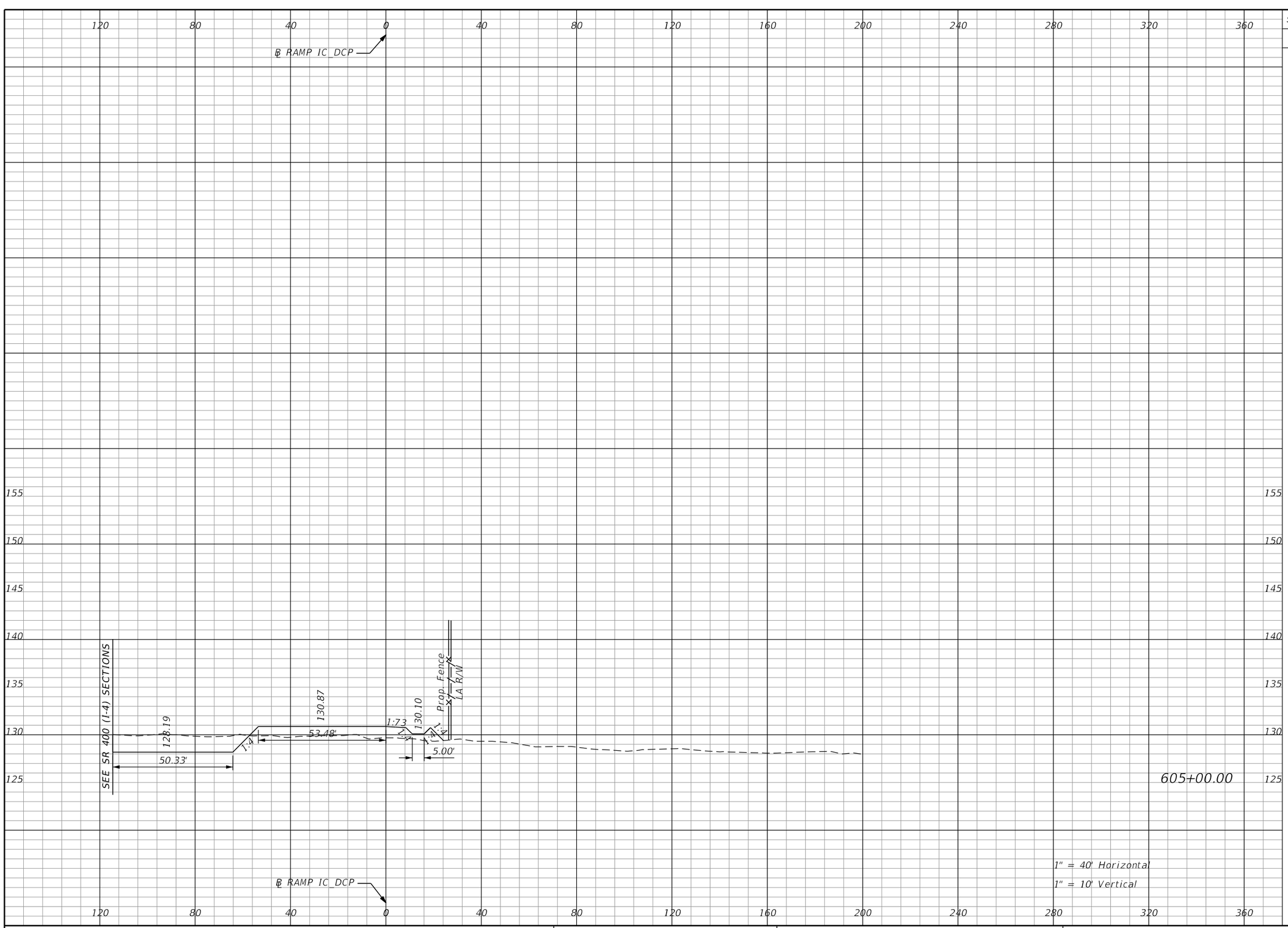

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	93.9	385.6	78.3	2441.8

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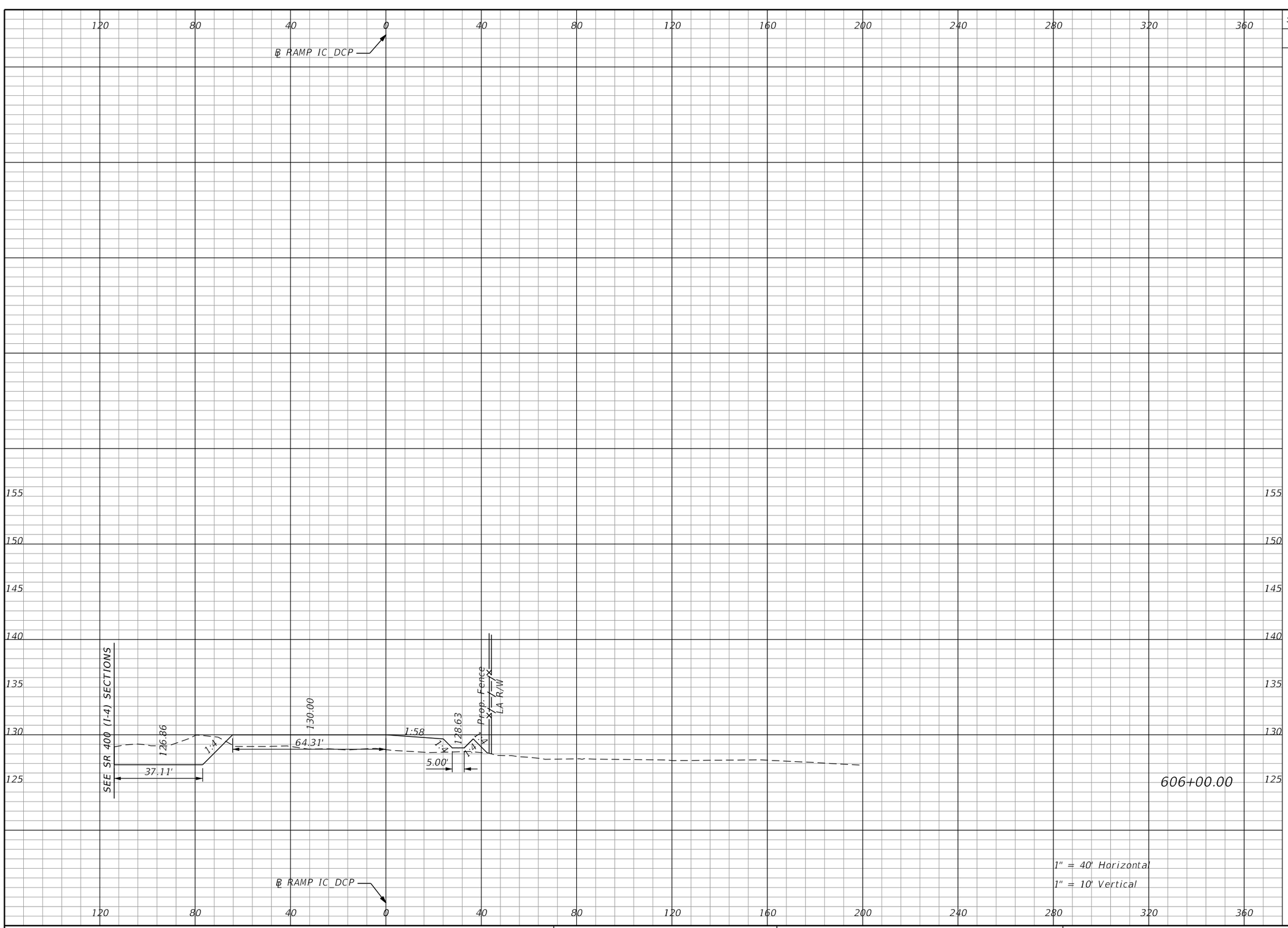
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IC_DCP CROSS SECTIONS

SHEET NO. 480



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	100.5	360.1	139.4	403.1

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SHEET NO. 481

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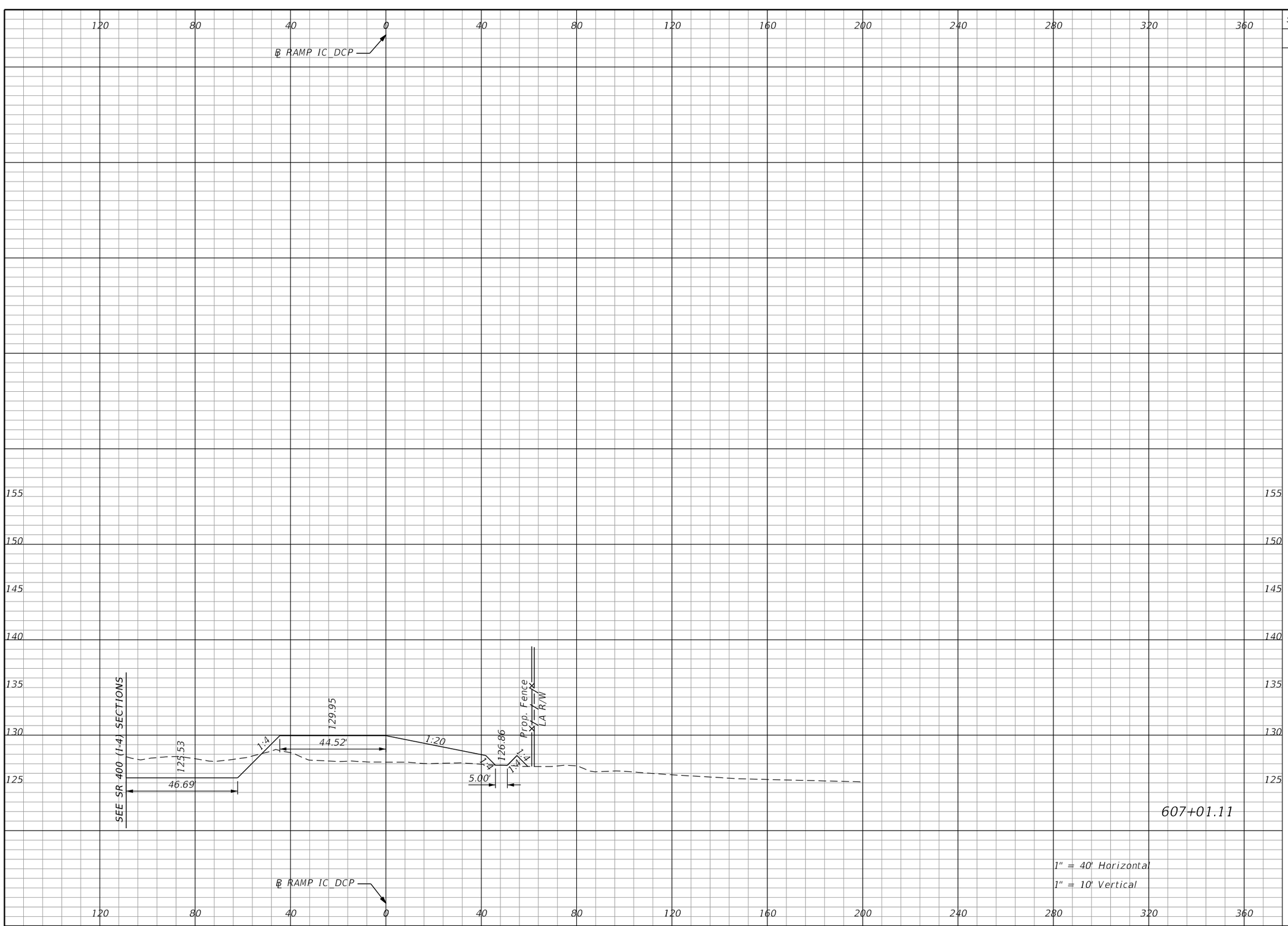

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	103.5	382.0	199.6	634.8

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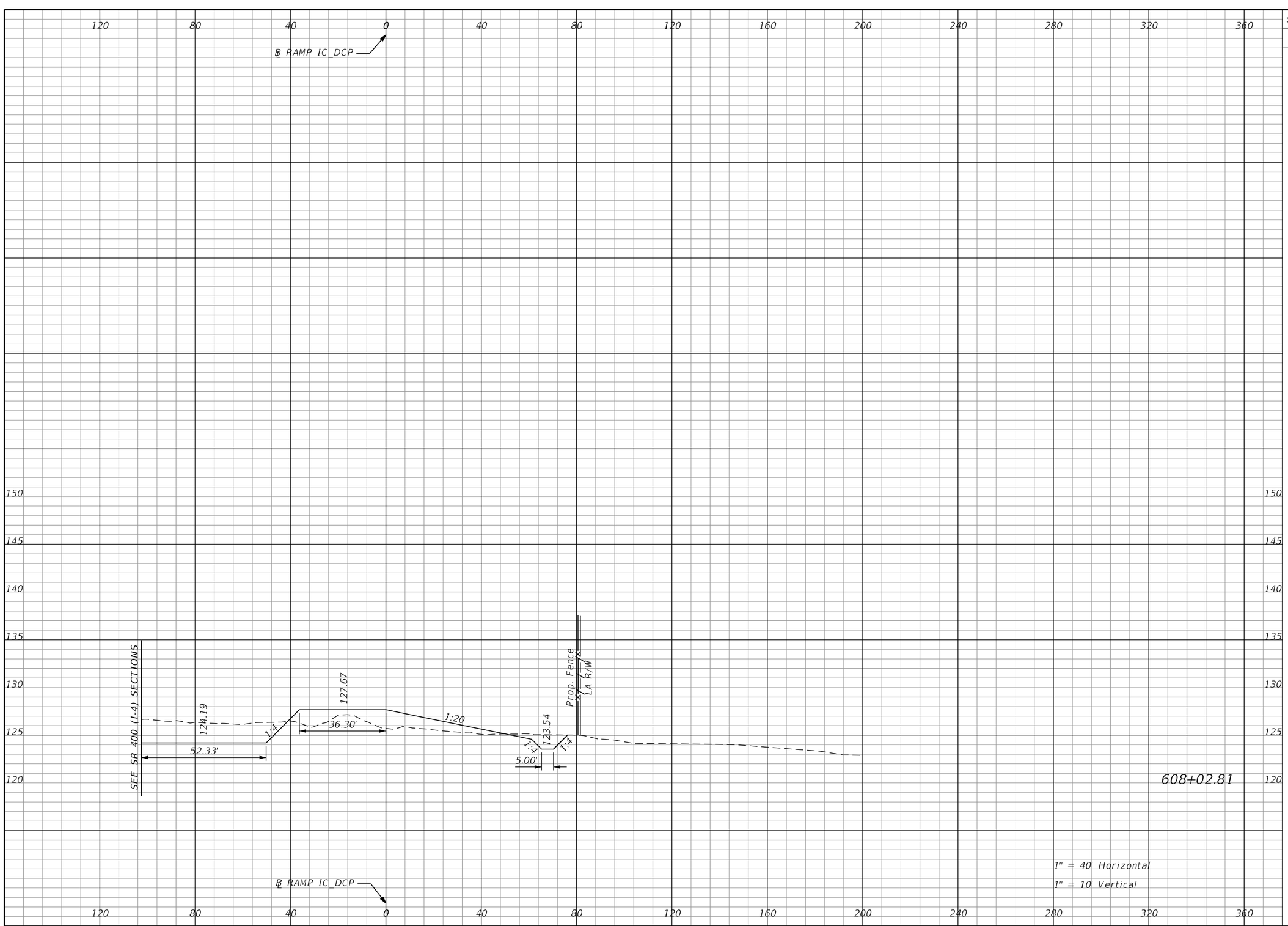
SR 400	ORANGE	441113-1-52-01

RAMP IC_DCP CROSS SECTIONS

SHEET NO. 482



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	141.7	461.8	96.0	556.8

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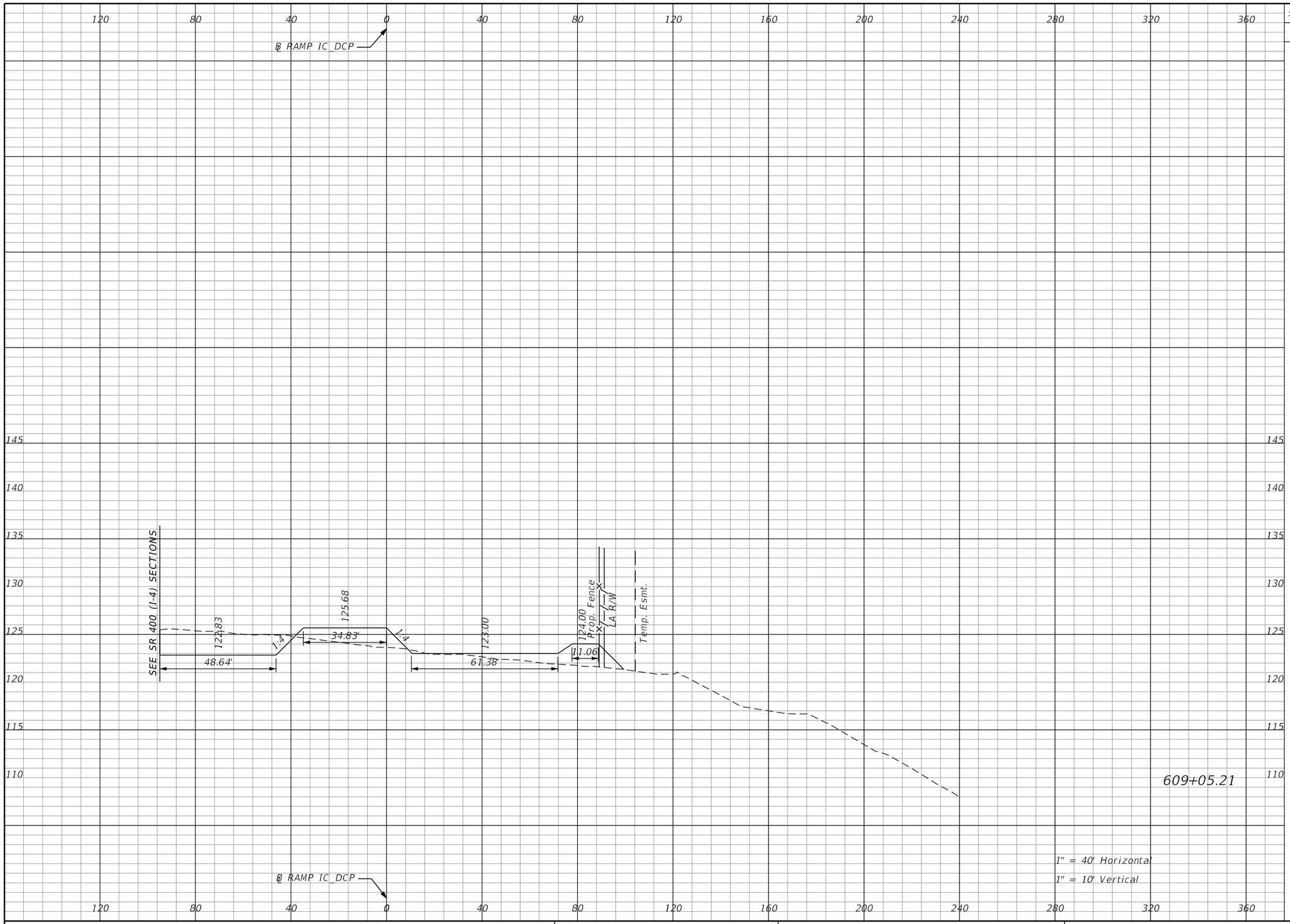
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IC_DCP CROSS SECTIONS

SHEET NO. 483



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	126.8	509.2	142.1	451.6

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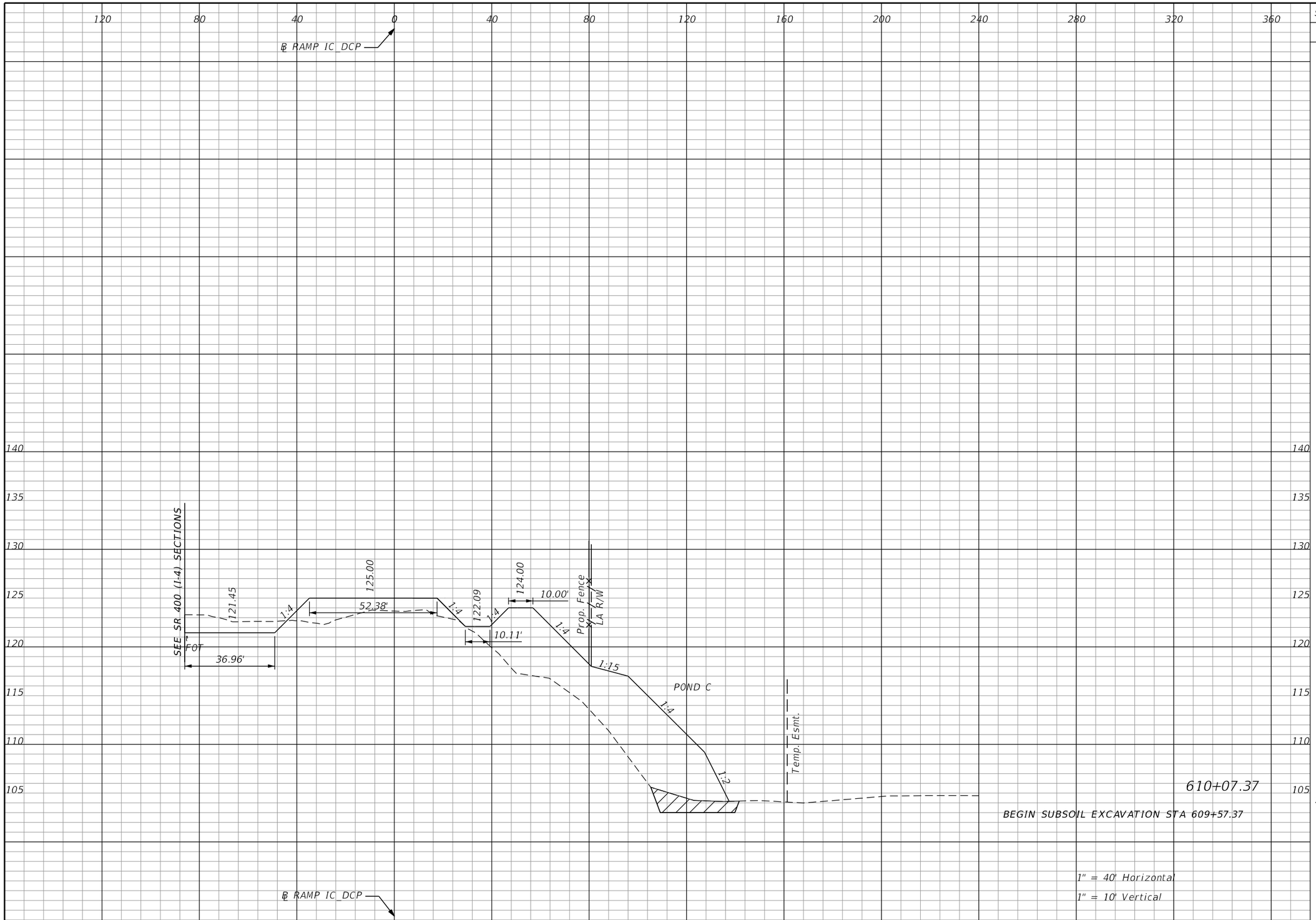
RAMP IC_DCP CROSS SECTIONS

SHEET NO. 484



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
200.2	300.3	55.1	344.2	901.6	1896.1

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
P.E. License No. 61806
AECOM TECHNICAL SERVICES, Inc.
150 N. Orange Avenue, Suite 200
Orlando, FL. 32801
T 407.843.6552 F 407.839.1789
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IC_DCP
CROSS SECTIONS

SHEET NO. 485

glen.dvorovy 5/6/2020 5:13:26 PM c:\pwworking\aecom_na\glen.dvorovy\d0166331\RDXSRD01_IC_DCP.DGN

℄ RAMP IC_DCP

EL. 140.15

SEE SR 400 (I-4) SECTIONS

123.87

4.00'

120.00

1:4

FOT

25.69'

123.76

1:4

121.64

1:4

16.41'

124.00

10.00'

Prop. Fence

LA R/W

1:4

1:15

1:4

POND C

1:2

Temp. Esmt.

1

7

℄ RAMP IC_DCP

611+08.34

1" = 40' Horizontal

1" = 10' Vertical

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
343.0	335.9	32.0	162.9	3350.7	7271.1

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IC_DCP
CROSS SECTIONS

SHEET NO. 486

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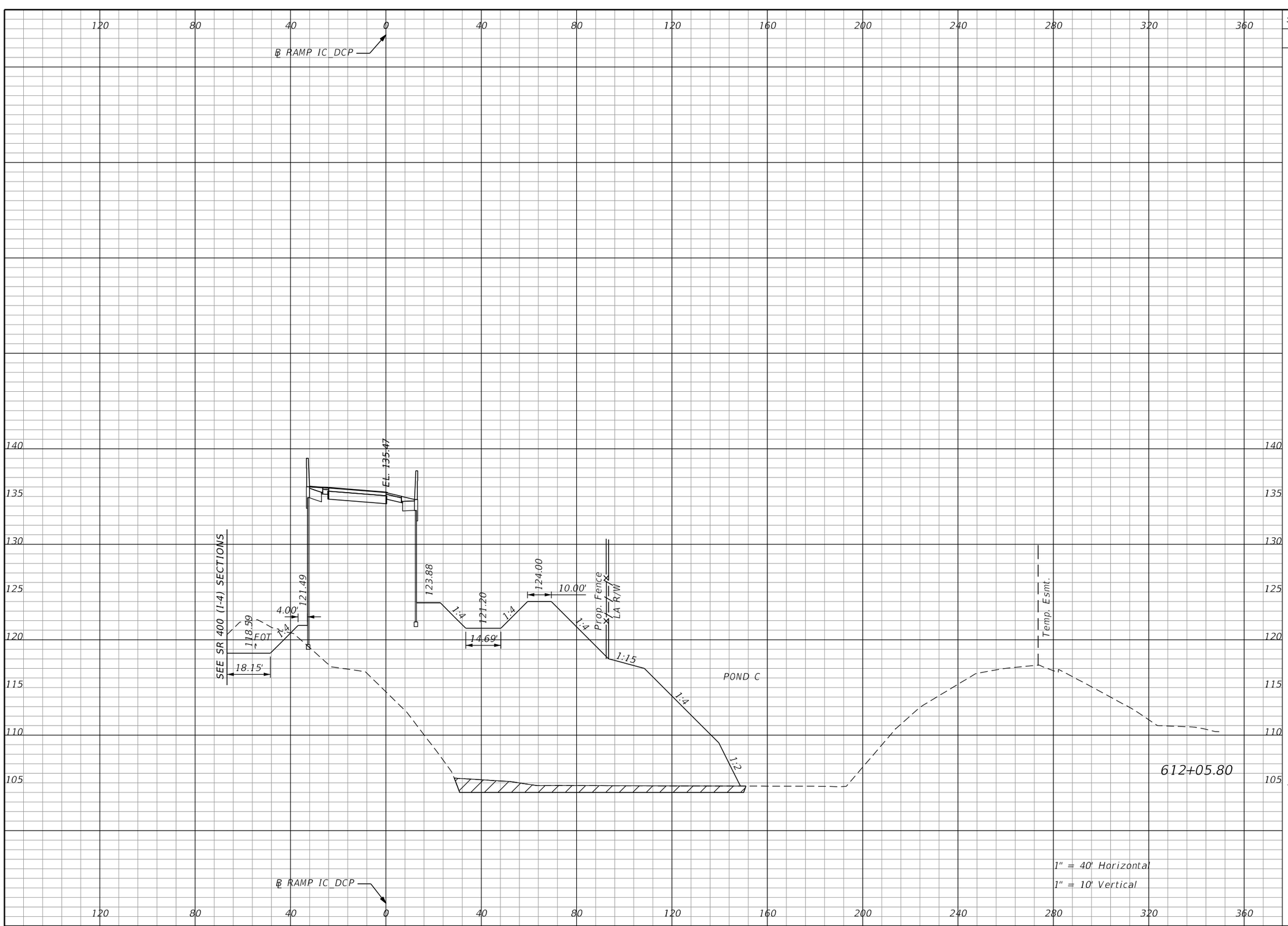

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
401.5	251.0	67.3	179.3	3052.8	10464.5

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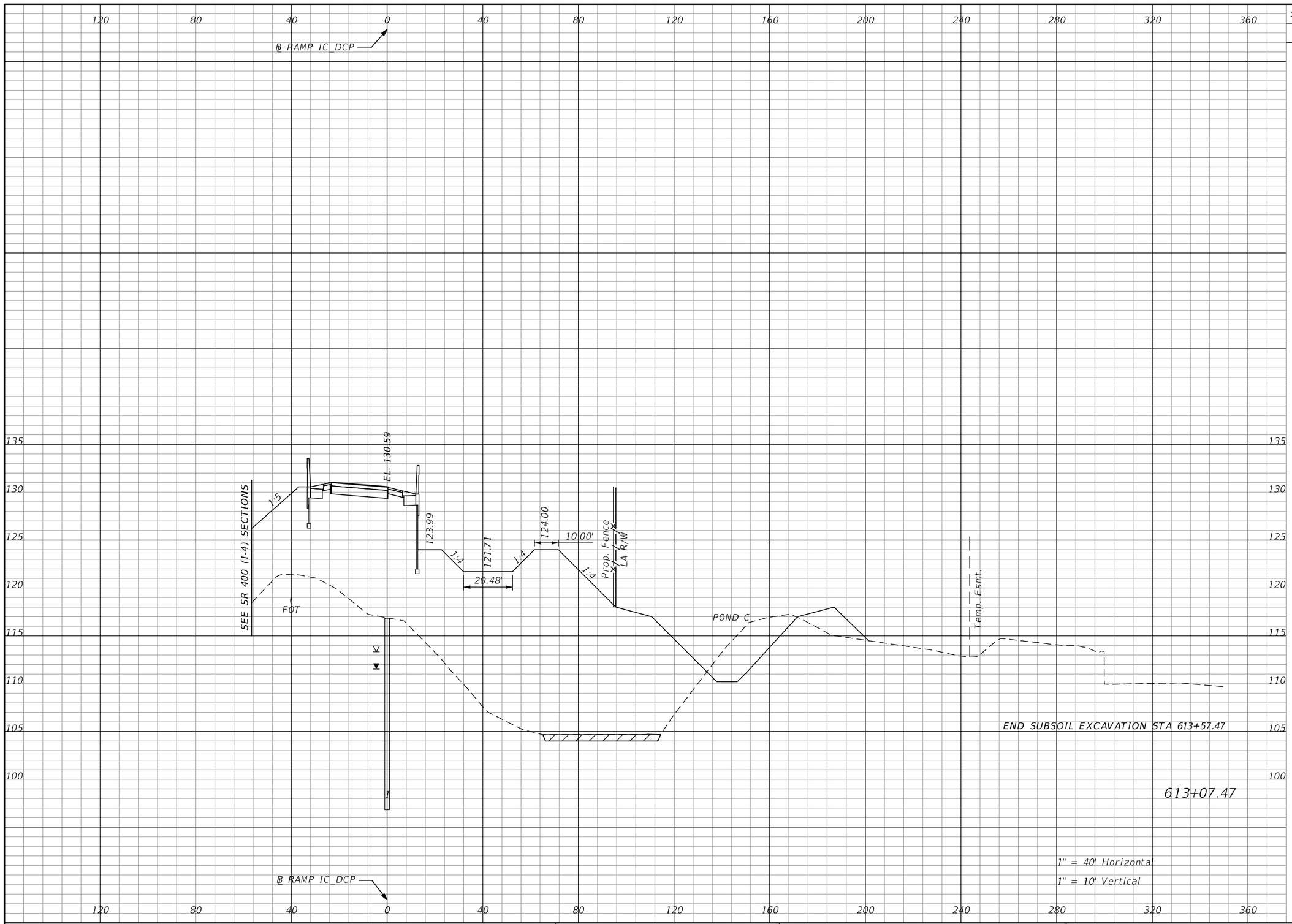
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IC_DCP CROSS SECTIONS

SHEET NO. 487



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
131.7	30.5	115.6	344.4	2469.5	9424.0

1" = 40' Horizontal
1" = 10' Vertical

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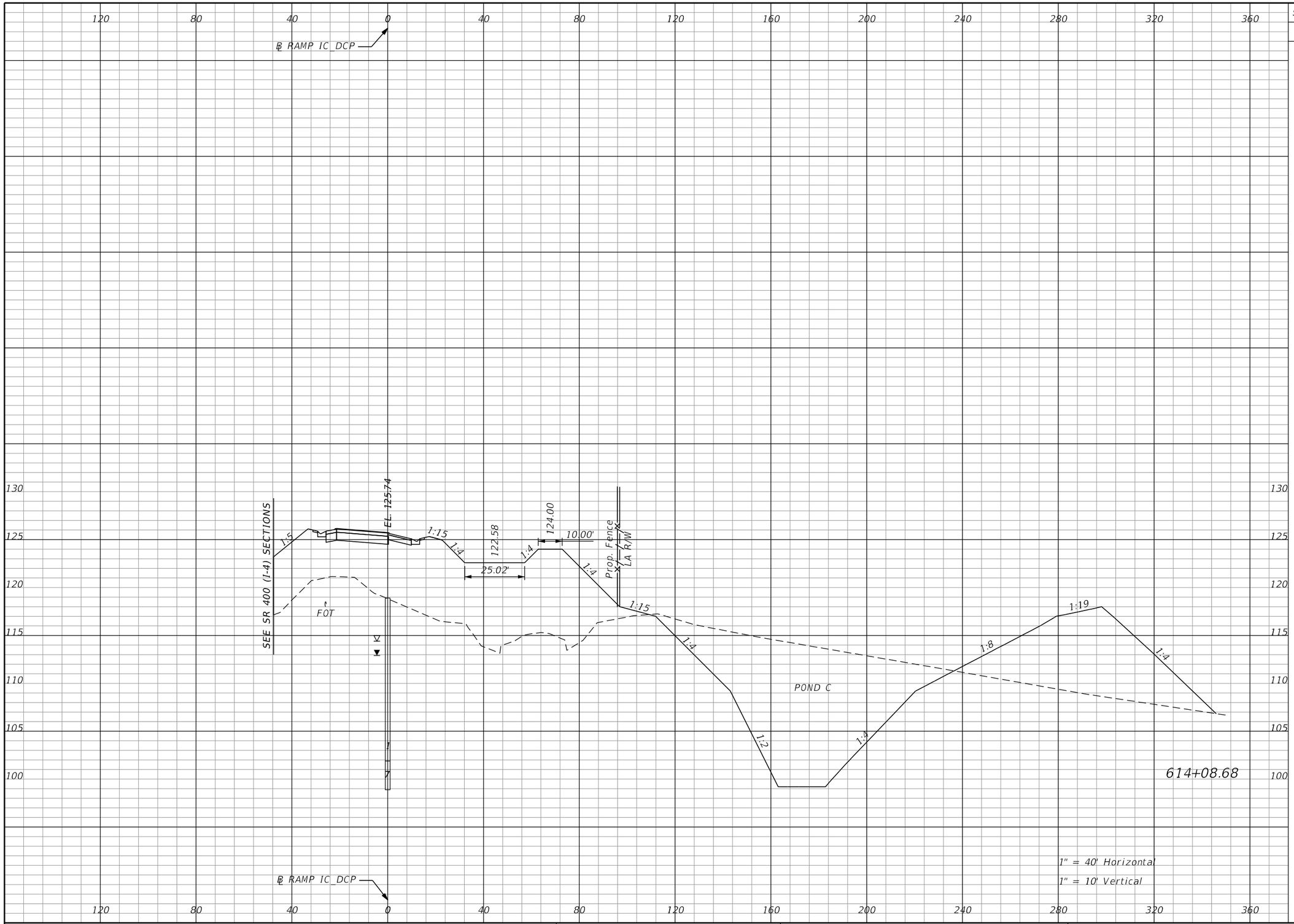
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IC_DCP
CROSS SECTIONS

SHEET NO. 488

glen.dvorovy 5/6/2020 5:13:35 PM c:\pwworking\aecom_na\glen.dvorovy\d0166331\RDXSRD01_IC_DCP.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	949.5	1996.4	1502.9	7198.4

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IC_DCP
CROSS SECTIONS

SHEET NO. 489

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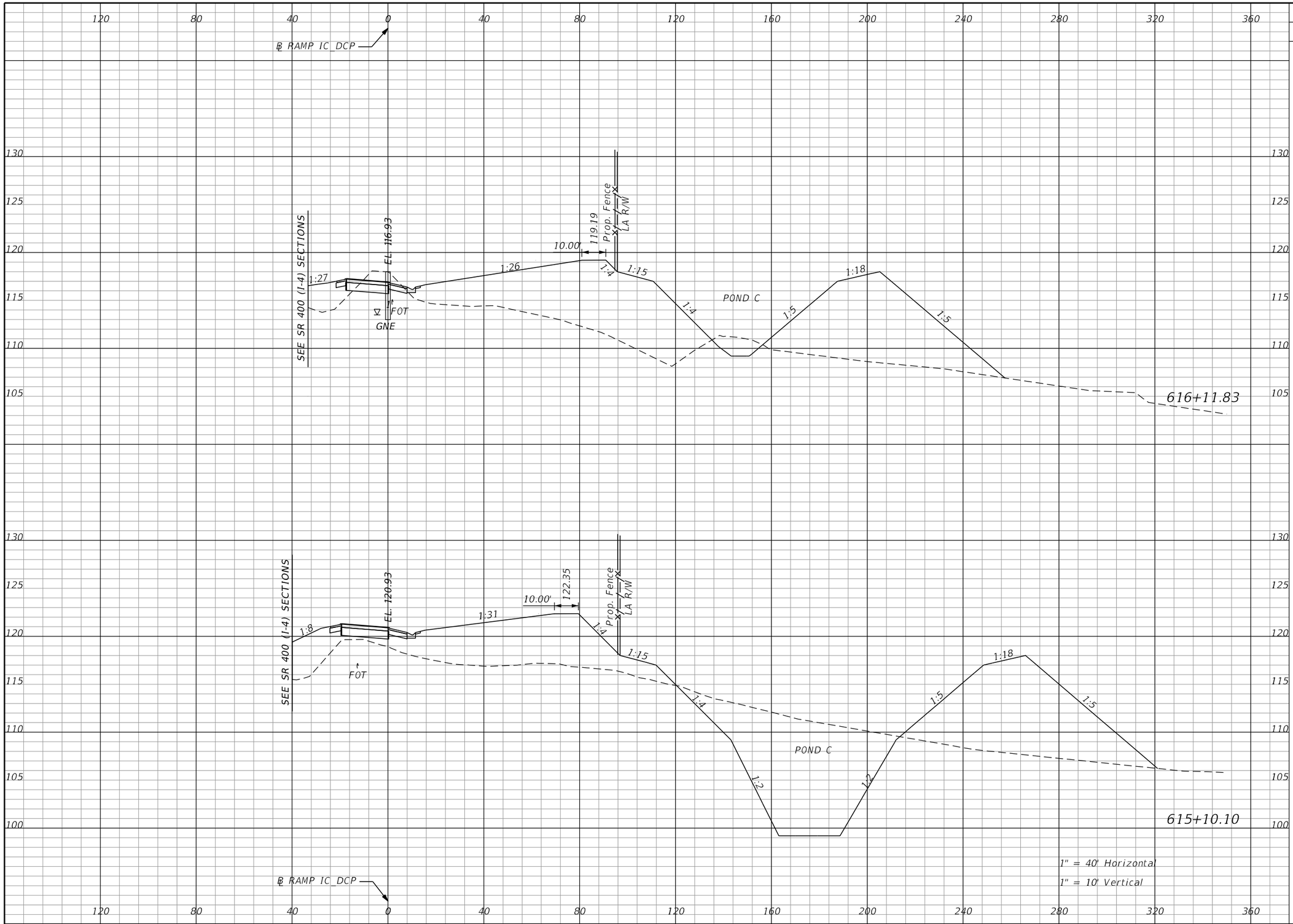

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	61.6	1347.7	1173.1	4290.0
0.0	0.0	653.8	3011.4	1104.1	4896.3

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IC_DCP CROSS SECTIONS

SHEET NO. 490

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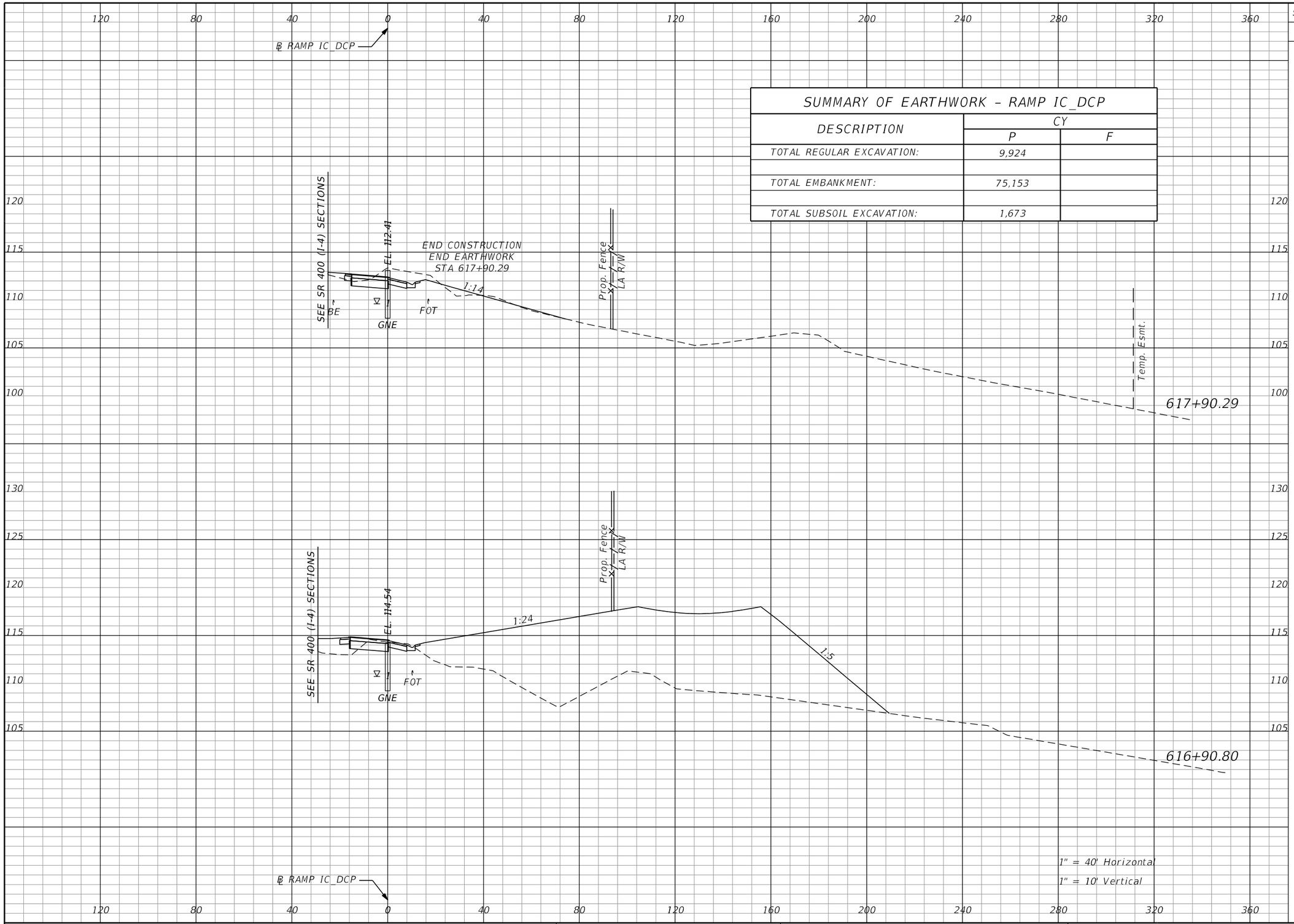

SUMMARY OF EARTHWORK – RAMP IC_DCP

DESCRIPTION	CY	
	P	F
TOTAL REGULAR EXCAVATION:	9,924	
TOTAL EMBANKMENT:	75,153	
TOTAL SUBSOIL EXCAVATION:	1,673	

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	43.3	112.3	11.0	2247.9
0.0	0.0	17.6	115.8	1209.1	3483.8

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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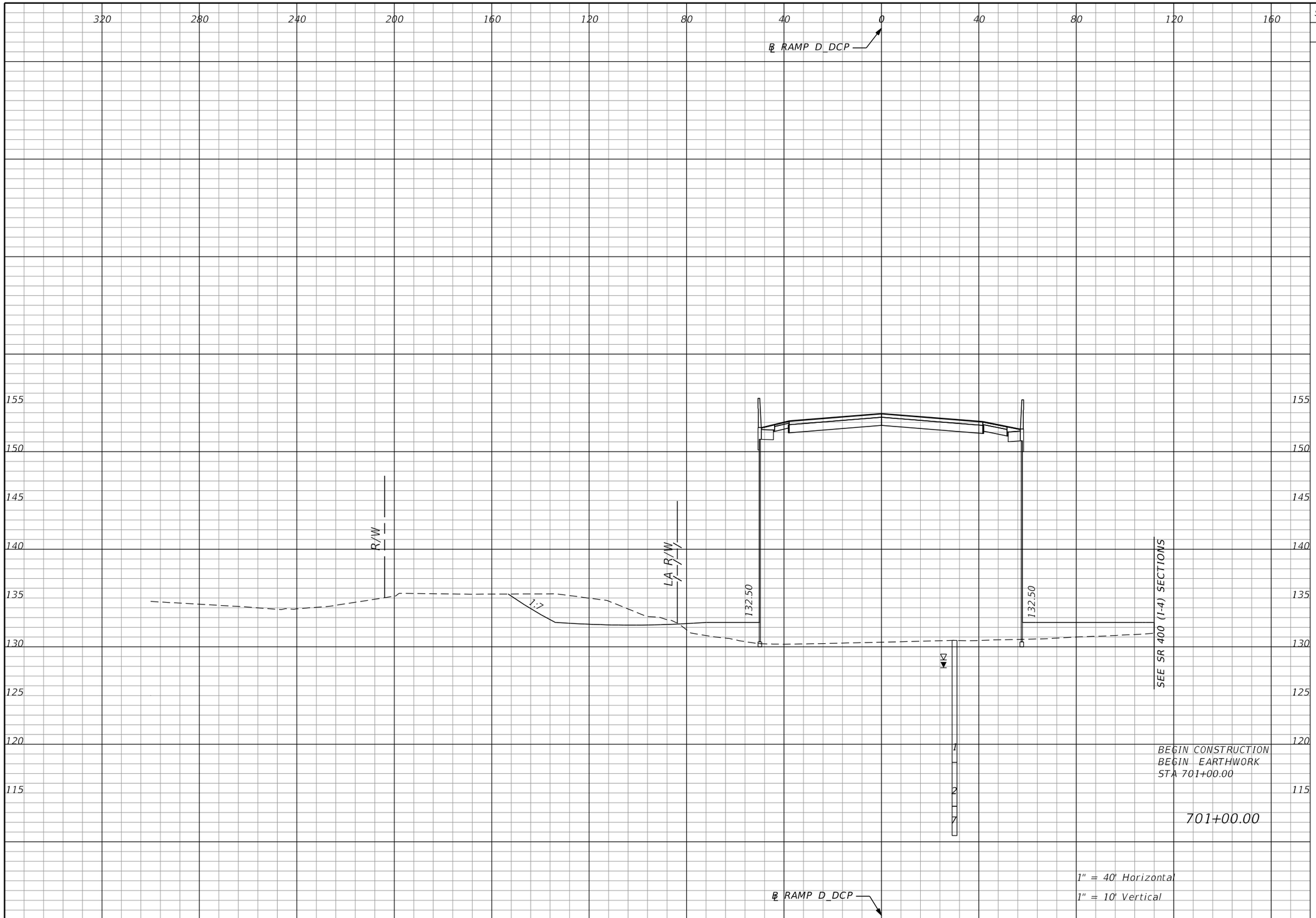
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP IC_DCP
CROSS SECTIONS

SHEET NO. 491



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	123.0	0.0	2444.1	0.0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP D_DCP CROSS SECTIONS

SHEET NO. 492

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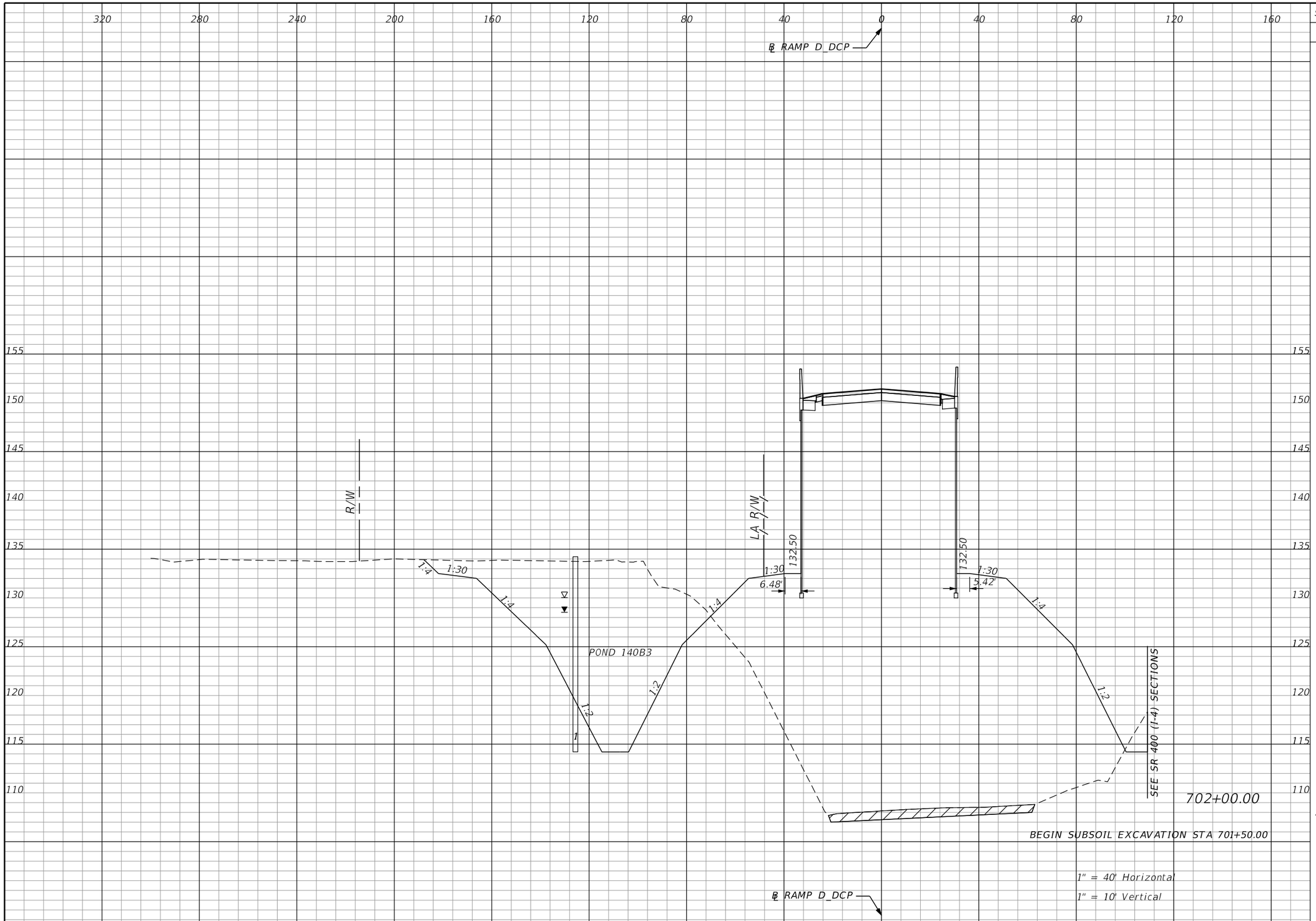

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
286.6		1044.0		4466.1	
	442.2		2161.1		12708.1

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP D_DCP CROSS SECTIONS

SHEET NO. 493

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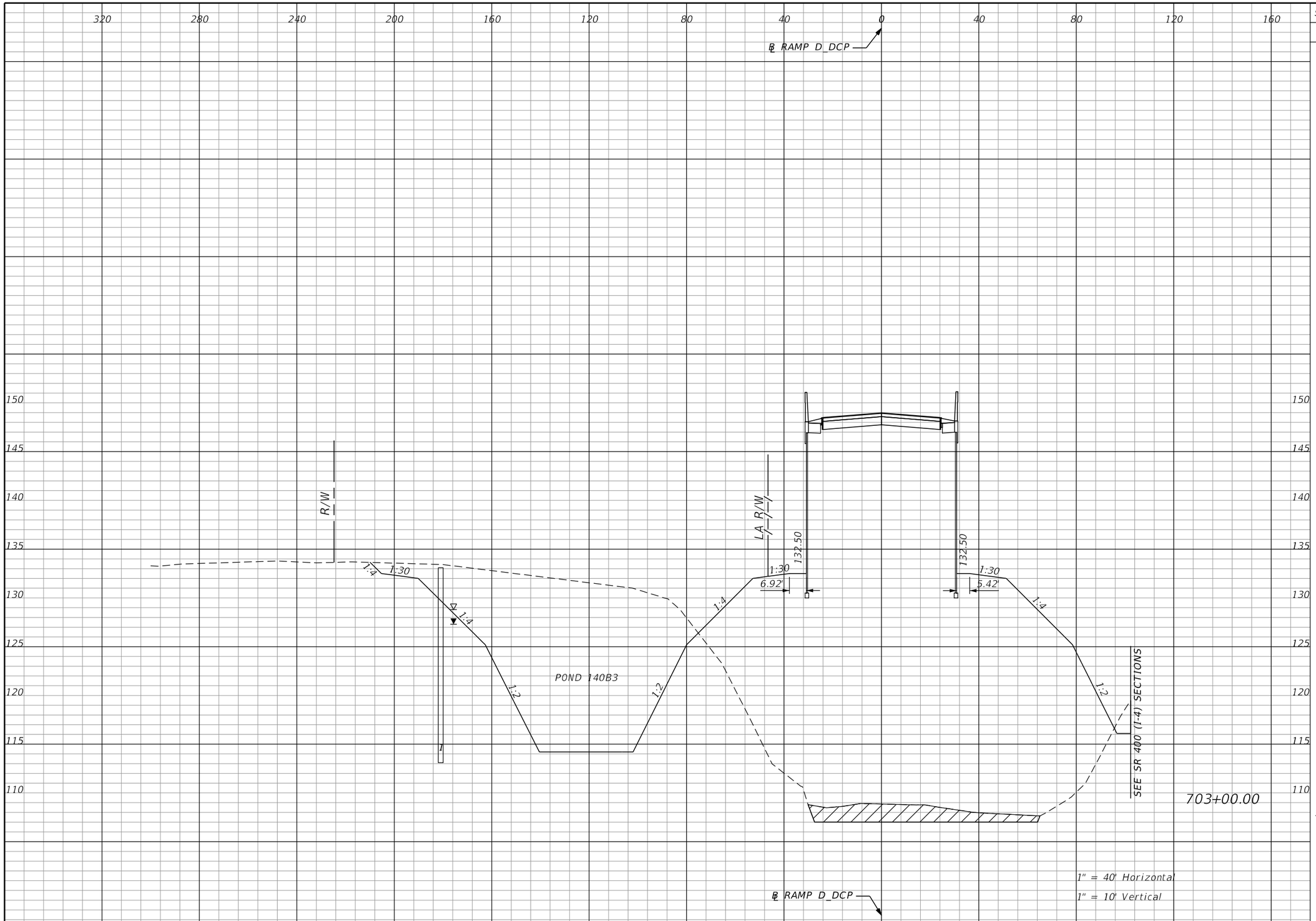

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
525.2		1349.7		4672.1	
	559.6		4432.7		15978.9

REVISIONS			
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP D_DCP CROSS SECTIONS

SHEET NO. 494

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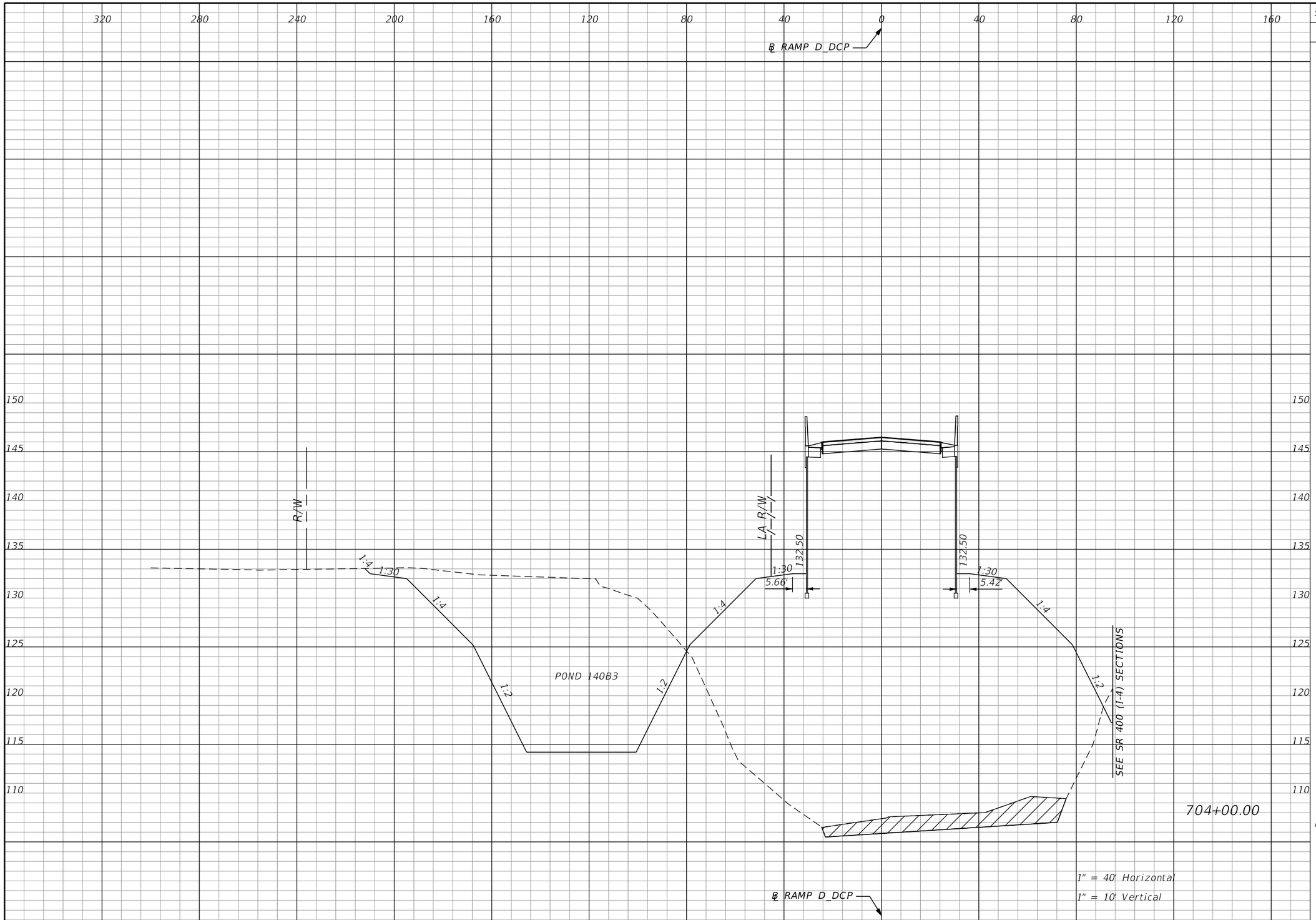

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
683.6	524.0	1363.1	5023.7	4879.2	15973.2

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP D_DCP CROSS SECTIONS

SHEET NO. 495

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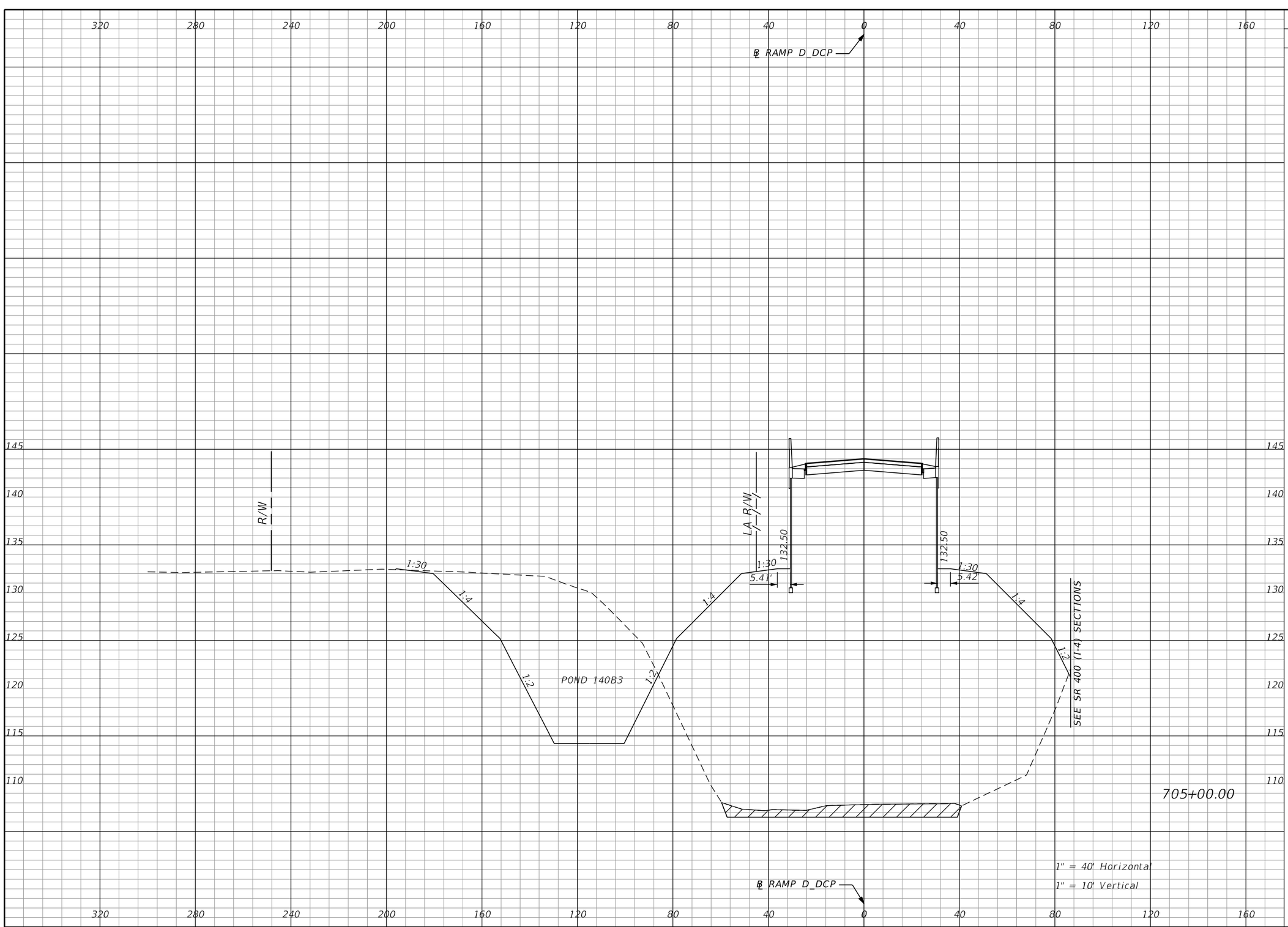

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
448.3		921.7		4590.8	
	483.0		4231.0		15923.2

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP D_DCP CROSS SECTIONS

SHEET NO. 496

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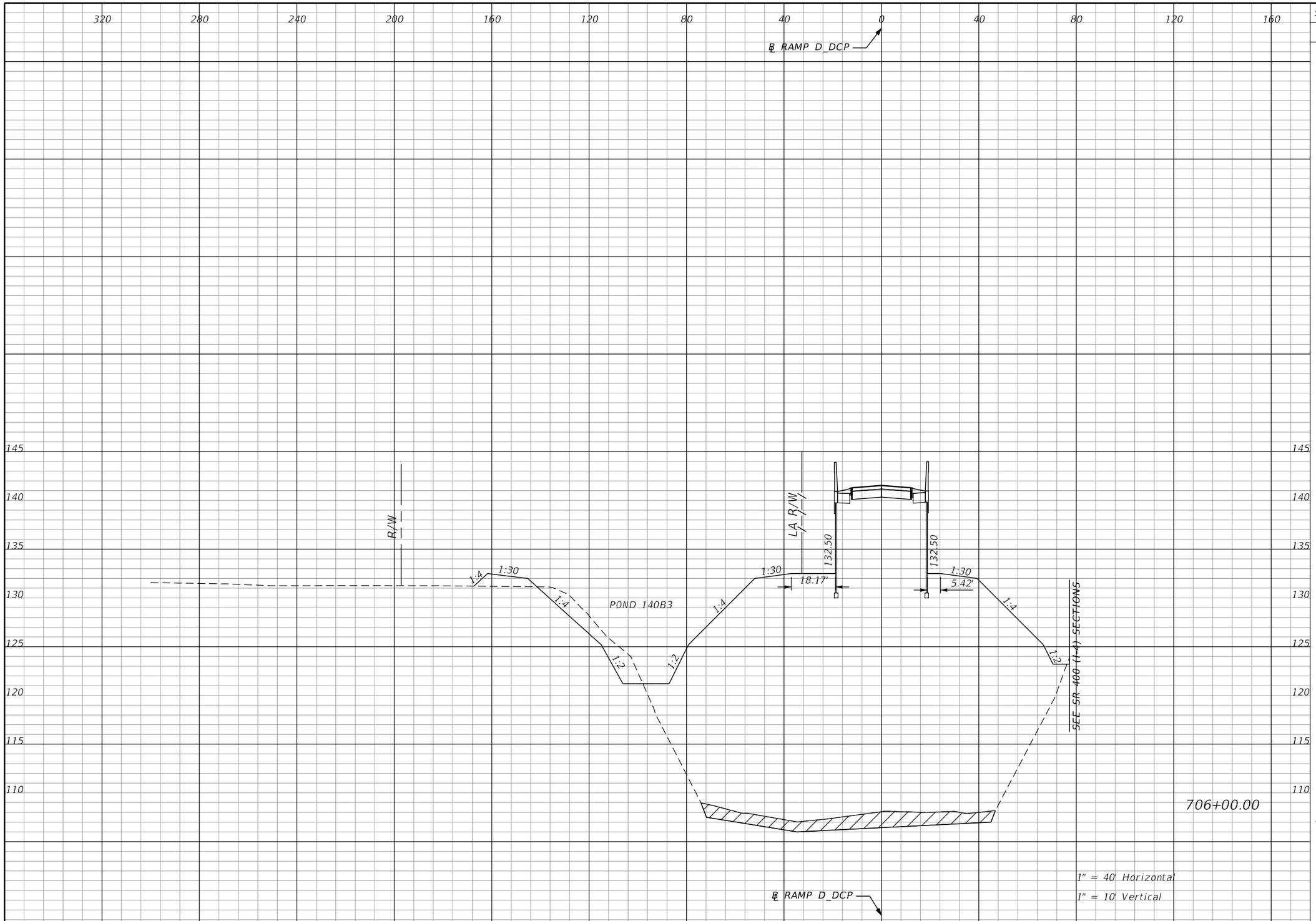

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
594.9	413.1	80.1	1855.1	4296.1	14937.7

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP D_DCP CROSS SECTIONS

SHEET NO. 497

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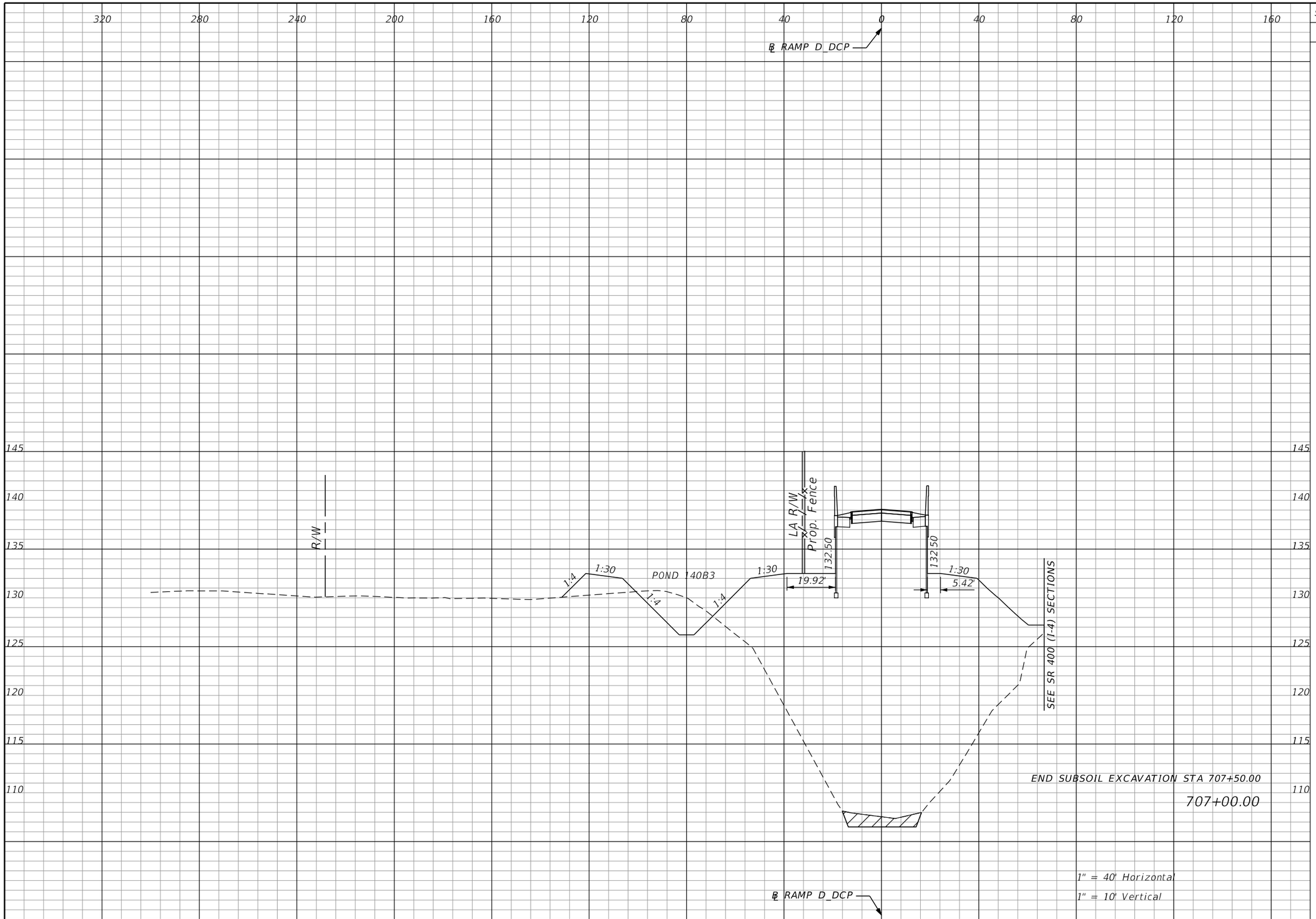

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	74.8	286.7	2374.6	11251.5

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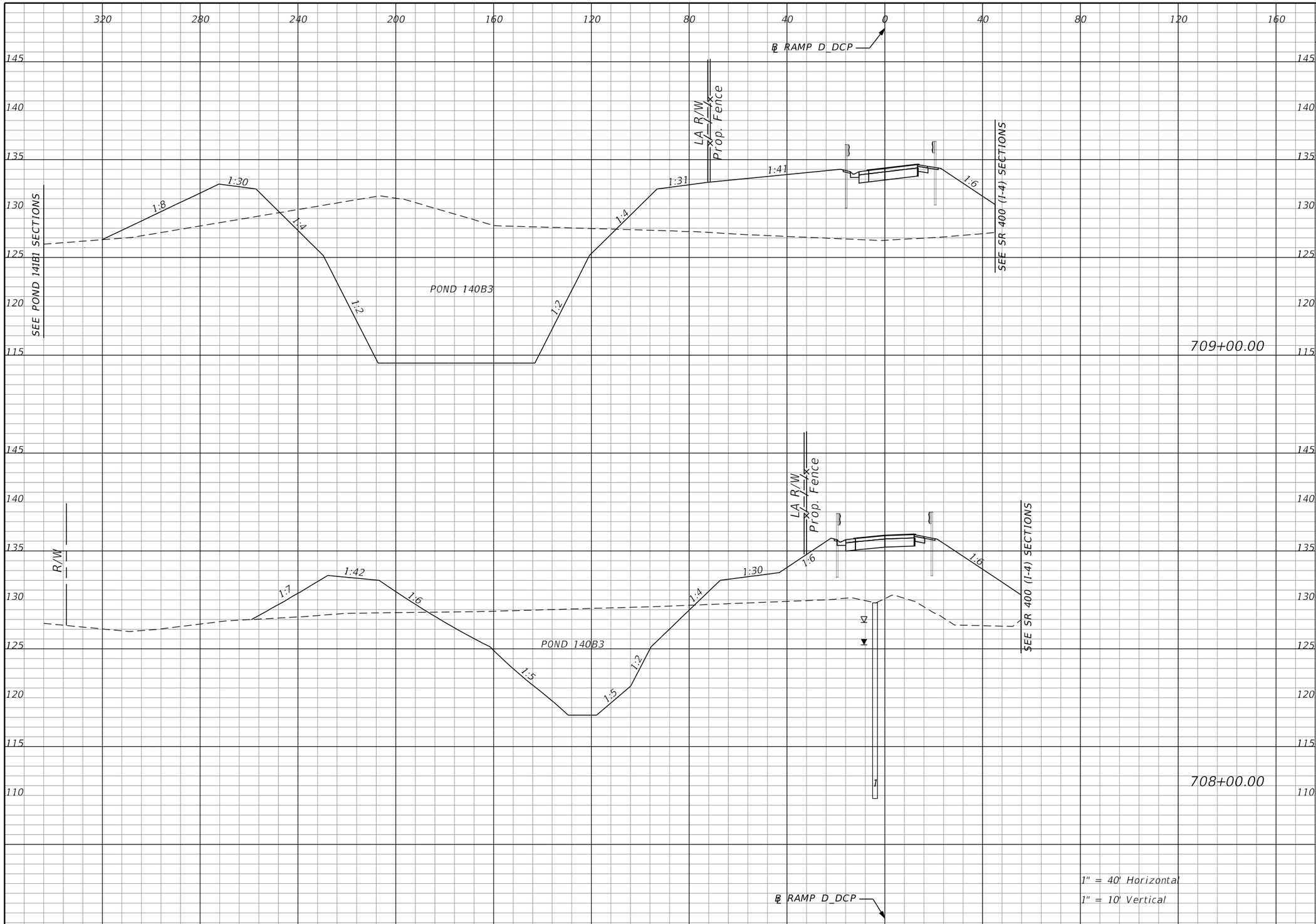
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP D_DCP CROSS SECTIONS

SHEET NO. 498



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		1502.9		1002.7	
	0.0		3962.6		3324.2
0.0		636.9		792.3	
	0.0		1317.9		5864.6

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP D_DCP
CROSS SECTIONS

SHEET NO. 499

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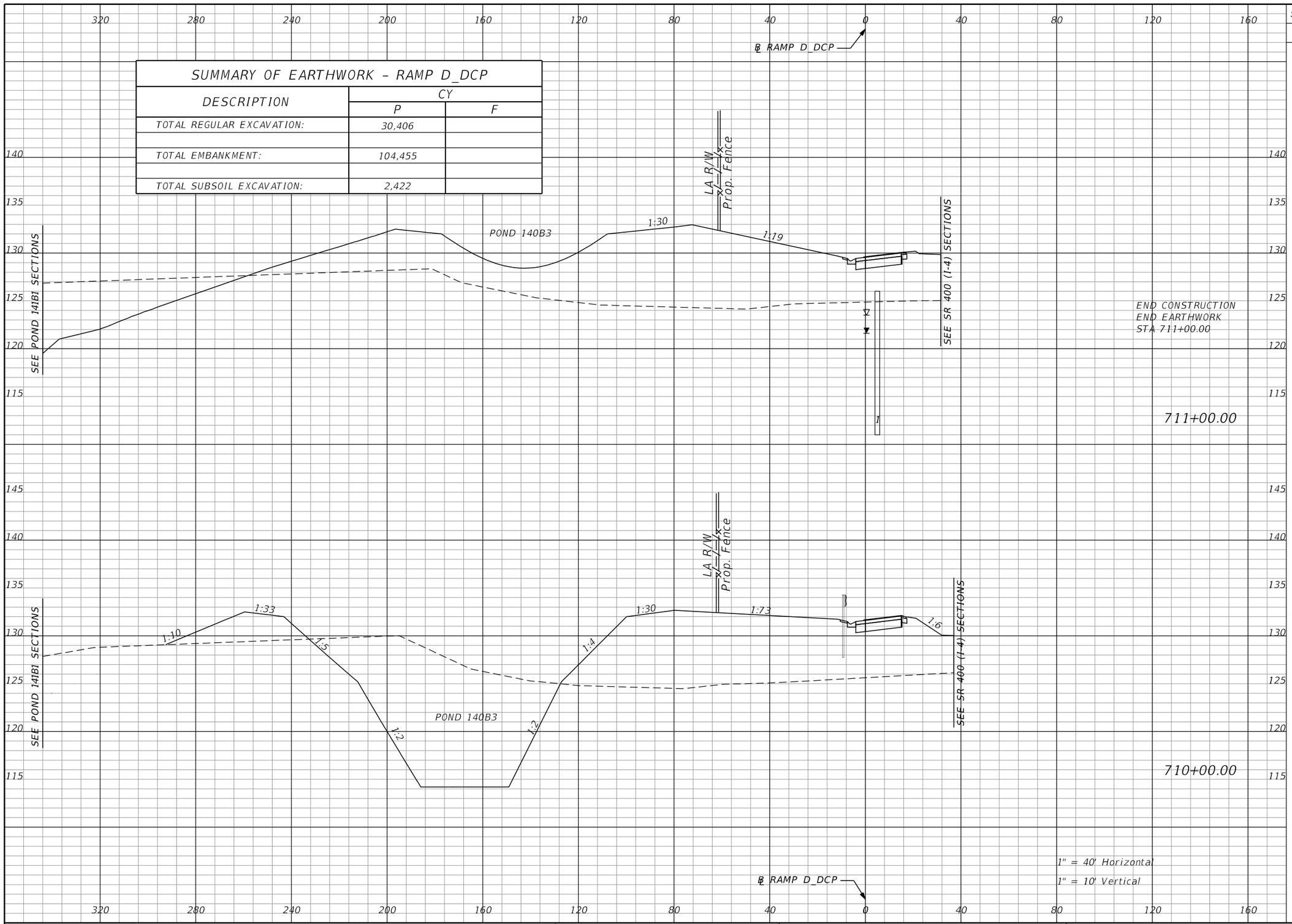
SUMMARY OF EARTHWORK – RAMP D_DCP

DESCRIPTION	CY	
	P	F
TOTAL REGULAR EXCAVATION:	30,406	
TOTAL EMBANKMENT:	104,455	
TOTAL SUBSOIL EXCAVATION:	2,422	



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		290.3		1370.5	
	0.0		2444.4		4586.9
0.0		1029.7		1106.4	
	0.0		4690.0		3905.8

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

RAMP D_DCP CROSS SECTIONS

SHEET NO. 500

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DATE OF SURVEY: 07/16 - 03/18
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: 441113-1-52-01

PROJECT NAME : SR 400 (I-4) FROM EAST OF SR522 (OSCEOLA PKWY)
TO WEST OF SR 528 (DARYL CARTER PARKWAY INTERCHANGE)

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	-	9	1-4	45	4-23	71	98-100	51-93	20-63	3-23	1-10	-	-	-	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	-	1	5	3	13-24	9	100	71-98	37-68	9-25	6-22	-	-	-	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	-	-	-	6	9-30	6	100	95-98	76-95	53-90	40-70	6	26-34	11-19	A-2-6 A-6	LIGHT BROWN CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL	-	-	-	-	-
5	-	-	-	1	21	1	100	100	98	96	69	1	46	27	A-2-7 A-7-5 A-7-6	LIGHT BROWN TO BROWN OR LIGHT GRAY SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

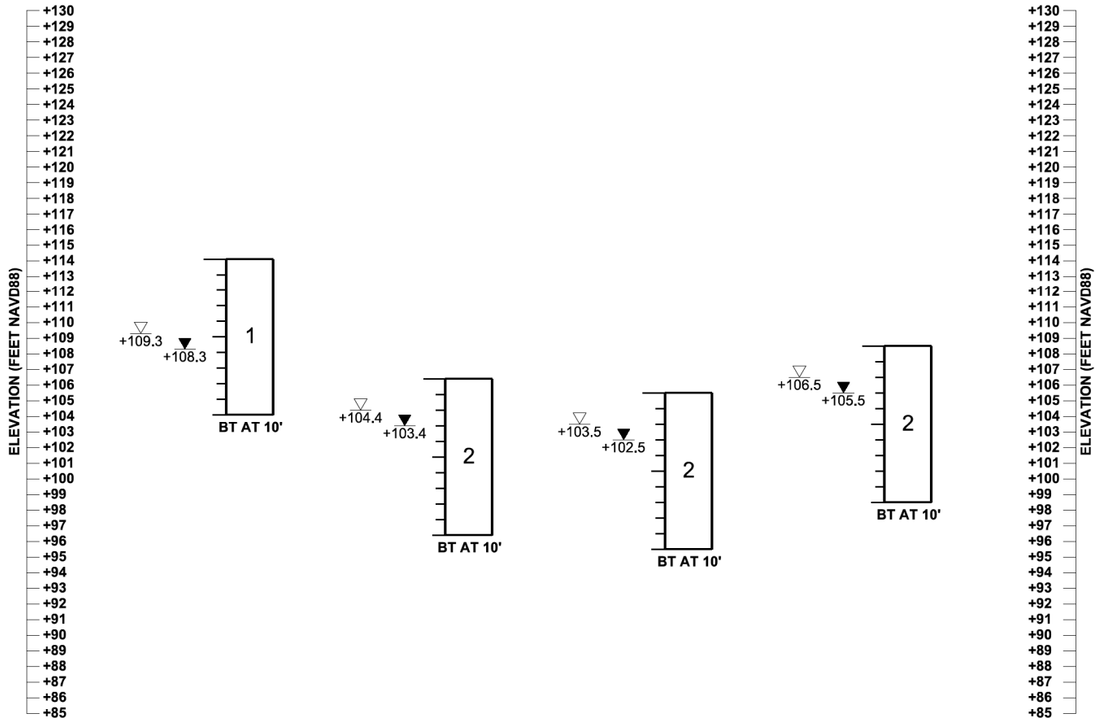
ROADWAY SOIL SURVEY - PONDS (1)

SHEET NO. 501

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SWALES SW138B1 THROUGH B3

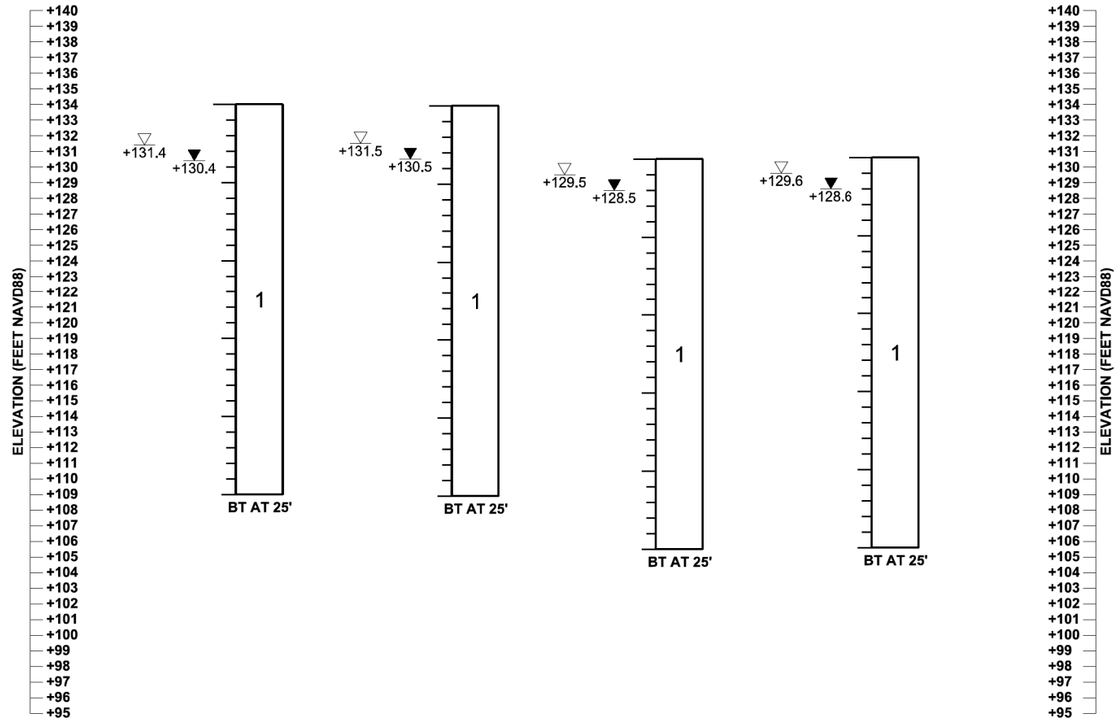
BORING ID	SW-1	SW-2	SW-3	SW-4
NORTHING	N: 1470959.1	N: 1471350.6	N: 1471967.1	N: 1472513.8
EASTING	E: 494436.0	E: 494744.5	E: 495240.5	E: 495676.8
GSE	+114.1	+106.4	+105.5	+108.5
DATE DRILLED	10-4-17	10-4-17	10-4-17	10-4-17



POND 140B1

POND 140B2

BORING ID	PB140B1-1	PB140B1-2	PB140B2-1	PB140B2-2
NORTHING	N: 1476895.7	N: 1477107.7	N: 1477670.8	N: 1477477.6
EASTING	E: 498976.9	E: 499148.0	E: 499604.0	E: 499448.4
GSE	+134.0	+133.9	+130.5	+130.6
DATE DRILLED	10-6-17	10-6-17	10-4-17	10-4-17

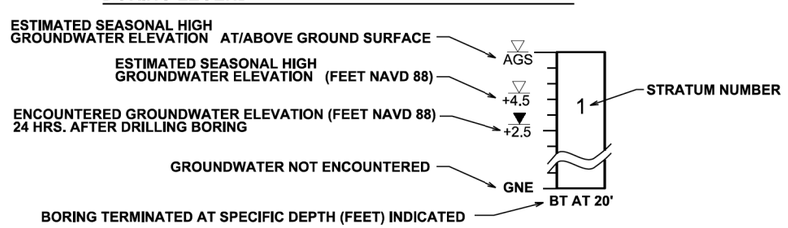


STRATUM NO.	AASHTO CLASSIFICATION	SOIL DESCRIPTION
1	A-3	LIGHT BROWN TO DARK BROWN, ORANGE BROWN OR LIGHT GRAY TO GRAY FINE SAND TO FINE SAND WITH SILT, OCCASIONAL LIMEROCK GRAVEL AND TRACE ORGANIC MATERIAL
2	A-3, A-2-4	LIGHT BROWN TO DARK BROWN, GRAY BROWN, ORANGE BROWN OR LIGHT GRAY TO DARK GRAY FINE 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	A-2-6, A-6	LIGHT BROWN CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL
5	A-2-7, A-7-5, A-7-6	LIGHT BROWN TO BROWN OR LIGHT GRAY SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL
6	A-8	DARK BROWN TO VERY DARK BROWN MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS
7	--	LIMEROCK ROAD BASE

NOTE:

BORING LOCATIONS WERE SURVEYED FOR VERTICAL AND HORIZONTAL CONTROL BY GEODATA, AECOM, DEWBERRY AND CARDNO.

BORING LEGEND



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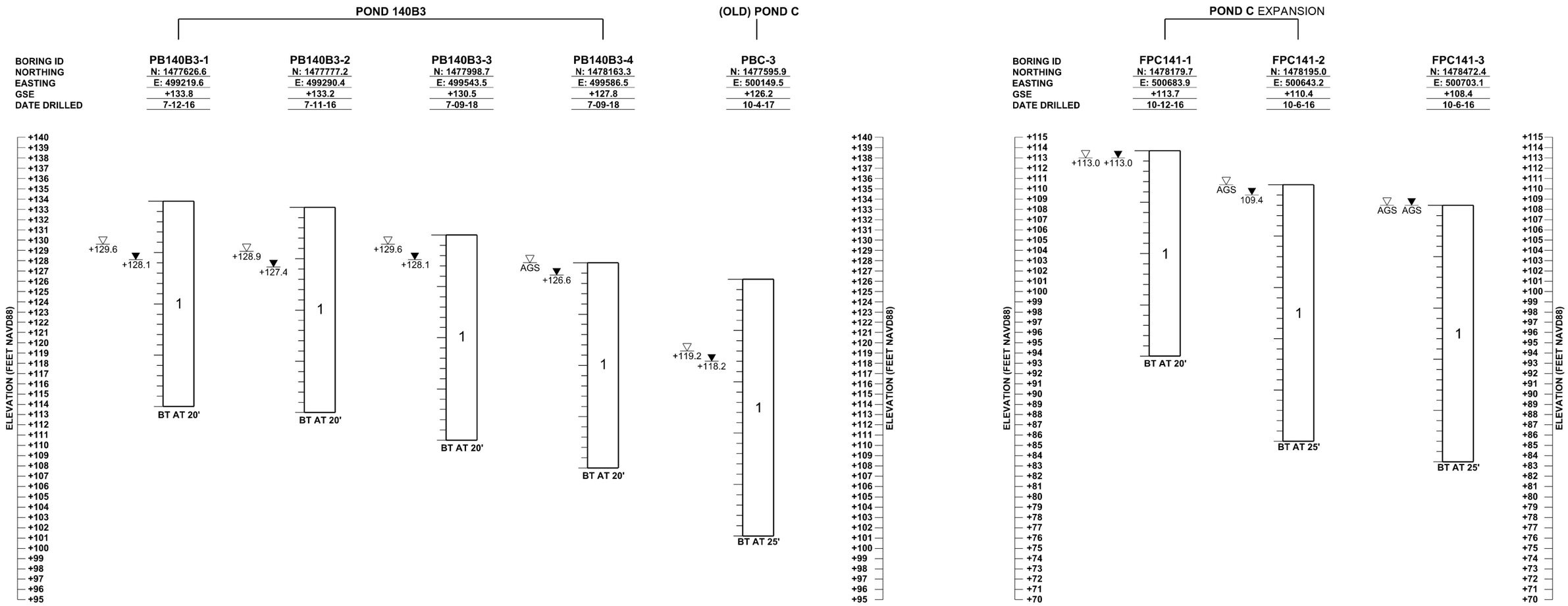
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

ROADWAY SOIL SURVEY - PONDS (2)

SHEET NO. 502

robert.martini 5/7/2020 2:06:06 PM c:\pwworking\aecom_na\rmartini\d0164805\RDSSGE004_Pond.DGN

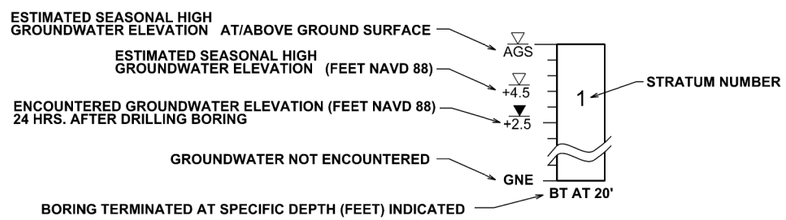


STRATUM NO.	AASHTO CLASSIFICATION	SOIL DESCRIPTION
1	A-3	LIGHT BROWN TO DARK BROWN, ORANGE BROWN OR LIGHT GRAY TO GRAY FINE SAND TO FINE SAND WITH SILT, OCCASIONAL LIMEROCK GRAVEL AND TRACE ORGANIC MATERIAL
2	A-3, A-2-4	LIGHT BROWN TO DARK BROWN, GRAY BROWN, ORANGE BROWN OR LIGHT GRAY TO DARK GRAY FINE 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	A-2-6, A-6	LIGHT BROWN CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL
5	A-2-7, A-7-5, A-7-6	LIGHT BROWN TO BROWN OR LIGHT GRAY SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL
6	A-8	DARK BROWN TO VERY DARK BROWN MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS
7	--	LIMEROCK ROAD BASE

NOTE:

POND BORING LOCATIONS WERE SURVEYED FOR VERTICAL AND HORIZONTAL CONTROL BY GEODATA, AECOM, DEWBERRY AND CARDNO.

BORING LEGEND



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

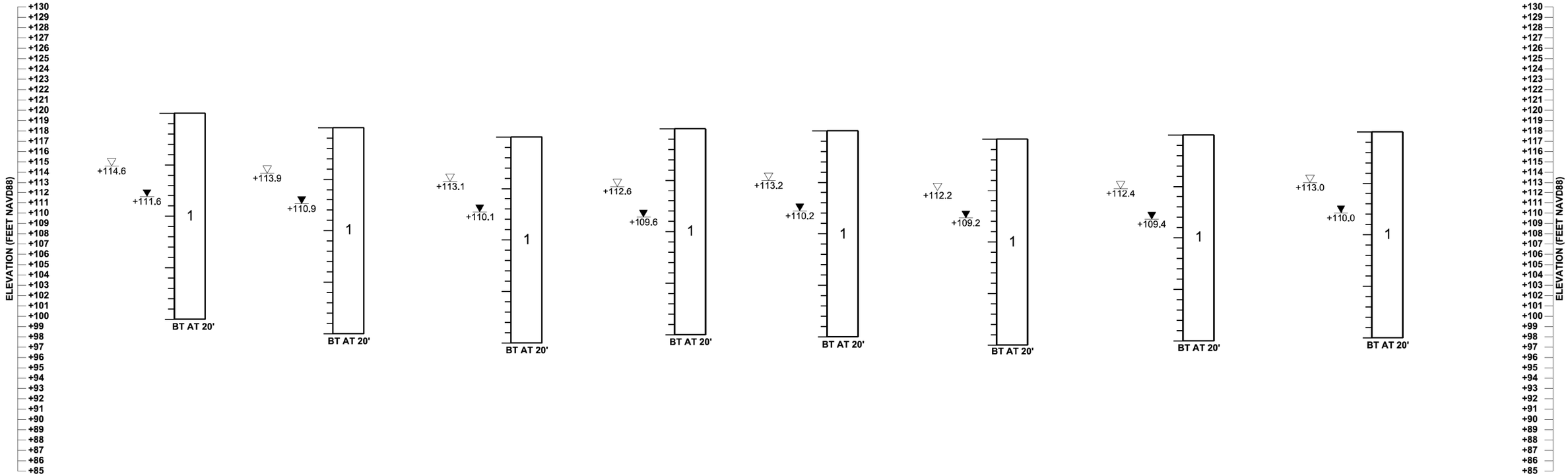
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

ROADWAY SOIL SURVEY - PONDS (3)

SHEET NO. 503

(OLD) POND 141

BORING ID	PB141-1	PB141-2	PB141-3	PB141-4	PB141-5	PB141-6	PB141-7	PB141-8
NORTHING	N: 1478938.8	N: 1479094.7	N: 1479285.6	N: 1479433.0	N: 1479115.1	N: 1479282.2	N: 1479509.6	N: 1479582.1
EASTING	E: 499604.7	E: 499644.5	E: 499625.2	E: 499661.6	E: 499761.6	E: 499767.9	E: 499801.3	E: 499843.6
GSE	+119.7	+118.3	+117.4	+118.2	+118.0	+117.2	+117.6	+117.9
DATE DRILLED	3-8-18	3-8-18	3-8-18	3-8-18	3-8-18	3-8-18	3-8-18	3-8-18

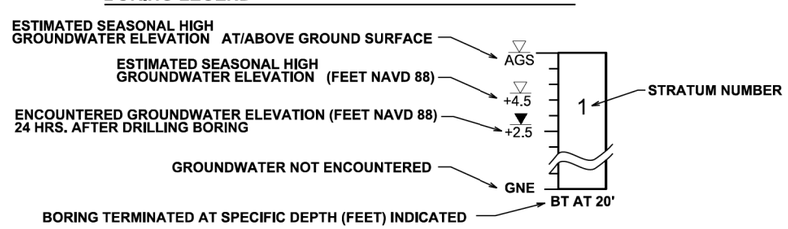


STRATUM NO.	AASHTO CLASSIFICATION	SOIL DESCRIPTION
1	A-3	LIGHT BROWN TO DARK BROWN, ORANGE BROWN OR LIGHT GRAY TO GRAY FINE SAND TO FINE SAND WITH SILT, OCCASIONAL LIMEROCK GRAVEL AND TRACE ORGANIC MATERIAL
2	A-3, A-2-4	LIGHT BROWN TO DARK BROWN, GRAY BROWN, ORANGE BROWN OR LIGHT GRAY TO DARK GRAY FINE 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	A-2-6, A-6	LIGHT BROWN CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL
5	A-2-7, A-7-5, A-7-6	LIGHT BROWN TO BROWN OR LIGHT GRAY SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL
6	A-8	DARK BROWN TO VERY DARK BROWN MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS
7	--	LIMEROCK ROAD BASE

NOTE:

POND BORING LOCATIONS WERE SURVEYED FOR VERTICAL AND HORIZONTAL CONTROL BY GEODATA, AECOM, DEWBERRY AND CARDNO.

BORING LEGEND



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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

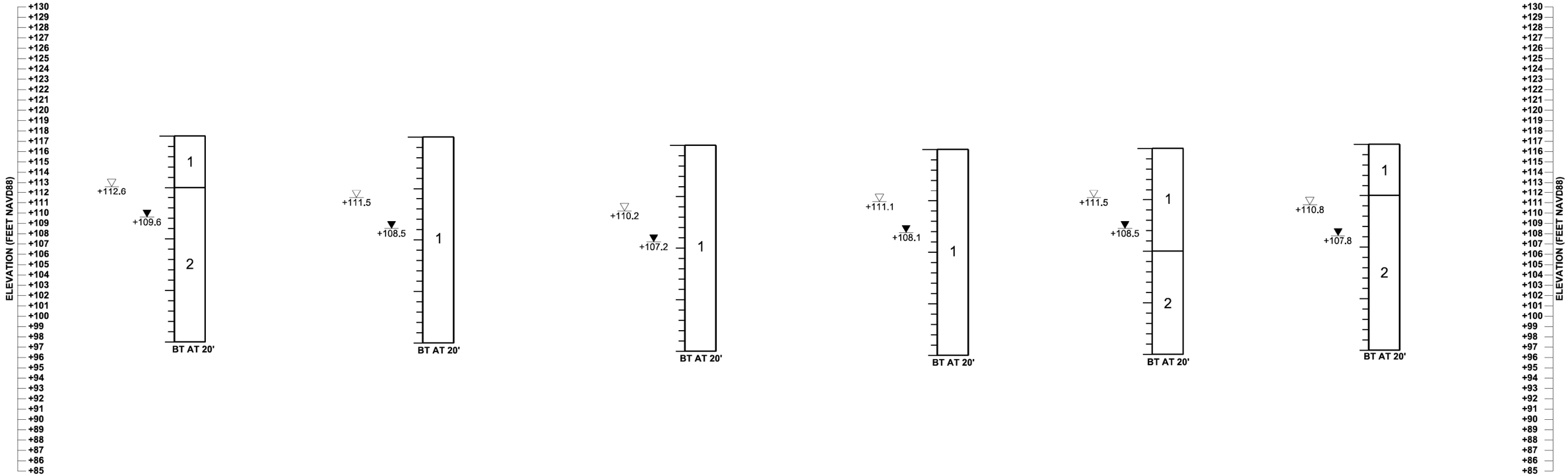
ROADWAY SOIL SURVEY - PONDS (4)

SHEET NO. 504

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

(OLD) POND 141

BORING ID	PB141-9	PB141-10	PB141-11	PB141-12	PB141-13	PB141-14
NORTHING	N: 1479105.2	N: 1479329.4	N: 1479409.1	N: 1479550.0	N: 1479213.5	N: 1479356.7
EASTING	E: 499872.4	E: 499878.8	E: 499916.6	E: 499939.4	E: 500018.6	E: 500025.6
GSE	+117.5	+117.4	+116.6	+116.2	+116.3	+116.7
DATE DRILLED	3-8-18	3-8-18	3-8-18	3-8-18	3-8-18	3-8-18

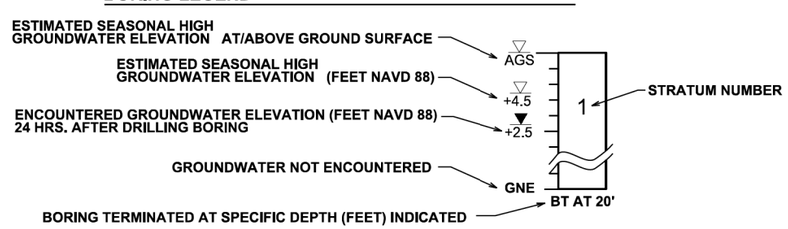


STRATUM NO.	AASHTO CLASSIFICATION	SOIL DESCRIPTION
1	A-3	LIGHT BROWN TO DARK BROWN, ORANGE BROWN OR LIGHT GRAY TO GRAY FINE SAND TO FINE SAND WITH SILT, OCCASIONAL LIMEROCK GRAVEL AND TRACE ORGANIC MATERIAL
2	A-3, A-2-4	LIGHT BROWN TO DARK BROWN, GRAY BROWN, ORANGE BROWN OR LIGHT GRAY TO DARK GRAY FINE 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	A-2-6, A-6	LIGHT BROWN CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL
5	A-2-7, A-7-5, A-7-6	LIGHT BROWN TO BROWN OR LIGHT GRAY SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL
6	A-8	DARK BROWN TO VERY DARK BROWN MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS
7	--	LIMEROCK ROAD BASE

NOTE:

POND BORING LOCATIONS WERE SURVEYED FOR VERTICAL AND HORIZONTAL CONTROL BY GEODATA, AECOM, DEWBERRY AND CARDNO.

BORING LEGEND



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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

ROADWAY SOIL SURVEY - PONDS (5)

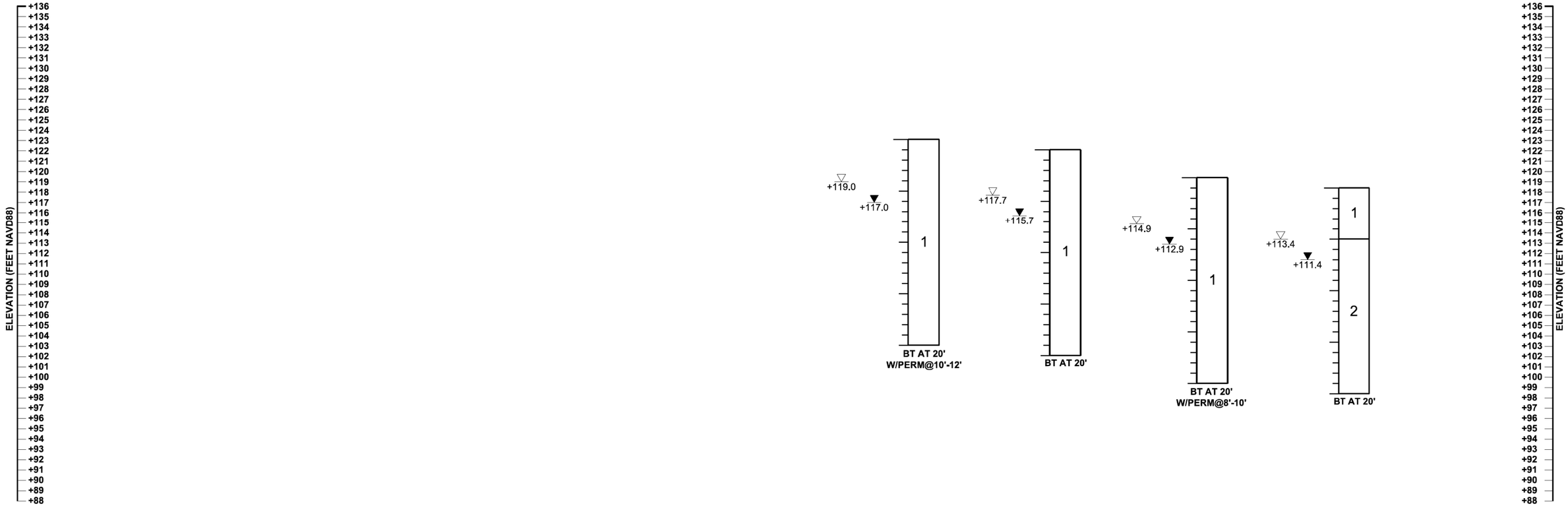
SHEET NO. 505

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

POND 141B1

POND 141B2

BORING ID	PB141B-1	PB141B-2	PB141B-3	PB141B-4
NORTHING	N: 1478523.79	N: 1478630.31	N: 1478757.58	N: 1478844.27
EASTING	E: 499643.94	E: 499731.34	E: 499890.44	E: 500019.94
GSE	+123.1	+122.1	+119.4	+118.4
DATE DRILLED	7-09-18	7-09-18	7-11-18	7-12-18

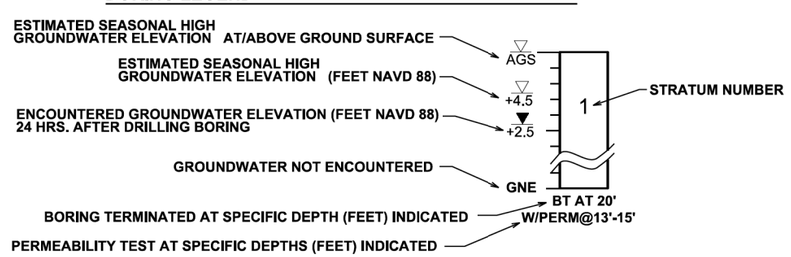


STRATUM NO.	AASHTO CLASSIFICATION	SOIL DESCRIPTION
1	A-3	LIGHT BROWN TO DARK BROWN, ORANGE BROWN OR LIGHT GRAY TO GRAY FINE SAND TO FINE SAND WITH SILT, OCCASIONAL LIMEROCK GRAVEL AND TRACE ORGANIC MATERIAL
2	A-3, A-2-4	LIGHT BROWN TO DARK BROWN, GRAY BROWN, ORANGE BROWN OR LIGHT GRAY TO DARK GRAY FINE 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	A-2-6, A-6	LIGHT BROWN CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL
5	A-2-7, A-7-5, A-7-6	LIGHT BROWN TO BROWN OR LIGHT GRAY SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL
6	A-8	DARK BROWN TO VERY DARK BROWN MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS
7	--	LIMEROCK ROAD BASE

NOTE:

POND BORING LOCATIONS WERE SURVEYED FOR VERTICAL AND HORIZONTAL CONTROL BY GEODATA, AECOM, DEWBERRY AND CARDNO.

BORING LEGEND



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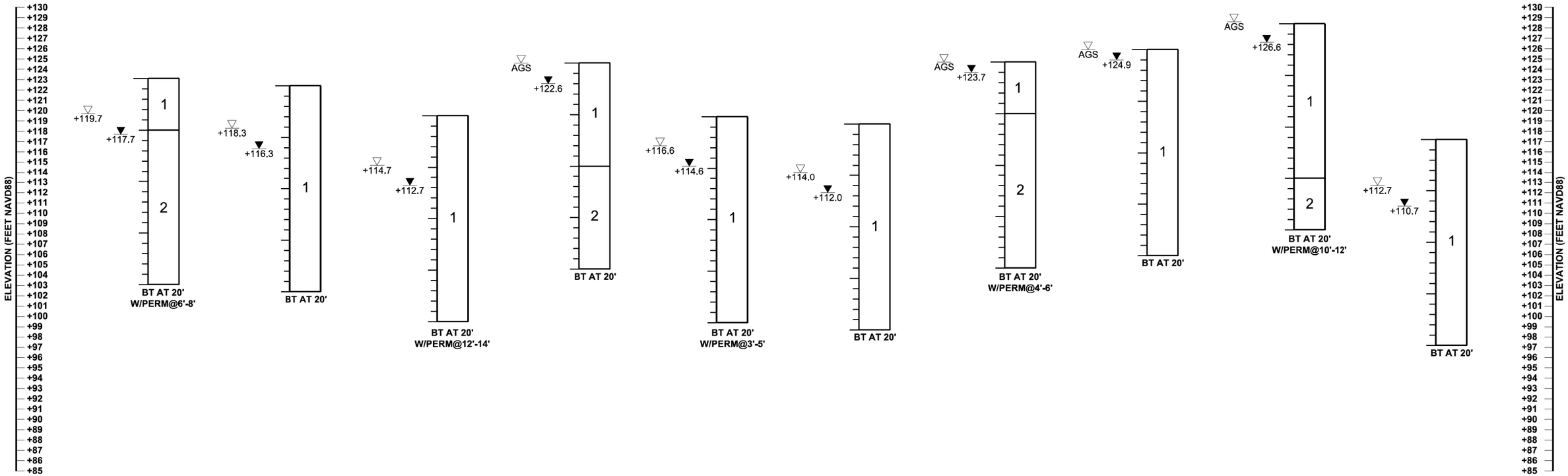
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

ROADWAY SOIL SURVEY - PONDS (6)

SHEET NO. 506

	PB141B-5	PB141B-6	PB141B-7	PB141B-8	PB141B-9	PB141B-10	PB141B-11	PB141B-12	PB141B-13	PB141B-14
	POND 141B1	POND 141B1		POND 140B3	POND 141B1	POND 141B2		POND 140B3	POND 140B3	POND 141B2
BORING ID	PB141B-5	PB141B-6	PB141B-7	PB141B-8	PB141B-9	PB141B-10	PB141B-11	PB141B-12	PB141B-13	PB141B-14
NORTHING	N: 1478425.74	N: 1478514.07	N: 1478703.21	N: 1478234.13	N: 1478391.97	N: 1478602.81	N: 1478333.78	N: 1478211.71	N: 1478040.84	N: 1478795.70
EASTING	E: 499790.58	E: 499921.48	E: 500015.14	E: 499835.10	E: 500004.95	E: 500101.84	E: 499576.33	E: 499724.70	E: 499694.05	E: 500172.42
GSE	+123.1	+122.4	+119.5	+124.6	+119.4	+118.7	+124.7	+125.9	+128.4	+117.2
DATE DRILLED	7-09-18	7-09-18	7-10-18	7-09-18	7-13-18	7-13-18	7-11-18	7-09-18	7-09-18	7-12-18

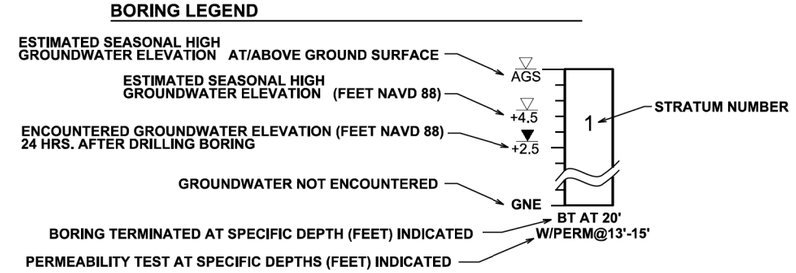


STRATUM NO.	AASHTO CLASSIFICATION	SOIL DESCRIPTION
1	A-3	LIGHT BROWN TO DARK BROWN, ORANGE BROWN OR LIGHT GRAY TO GRAY FINE SAND TO FINE SAND WITH SILT, OCCASIONAL LIMEROCK GRAVEL AND TRACE ORGANIC MATERIAL
2	A-3, A-2-4	LIGHT BROWN TO DARK BROWN, GRAY BROWN, ORANGE BROWN OR LIGHT GRAY TO DARK GRAY FINE 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	A-2-6, A-6	LIGHT BROWN CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL
5	A-2-7, A-7-5, A-7-6	LIGHT BROWN TO BROWN OR LIGHT GRAY SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL
6	A-8	DARK BROWN TO VERY DARK BROWN MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS
7	--	LIMEROCK ROAD BASE

NOTE:

POND BORING LOCATIONS WERE SURVEYED FOR VERTICAL AND HORIZONTAL CONTROL BY GEODATA, AECOM, DEWBERRY AND CARDNO.

BORING LEGEND



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ERROL S. ABDULLA, P.E.
P.E. License No. 74803
AWK Consulting Engineers, INC.
6457 Hazeltine National Dr.
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AWK CONSULTING ENGINEERS, INC.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

ROADWAY SOIL SURVEY - PONDS (7)

SHEET NO. 507

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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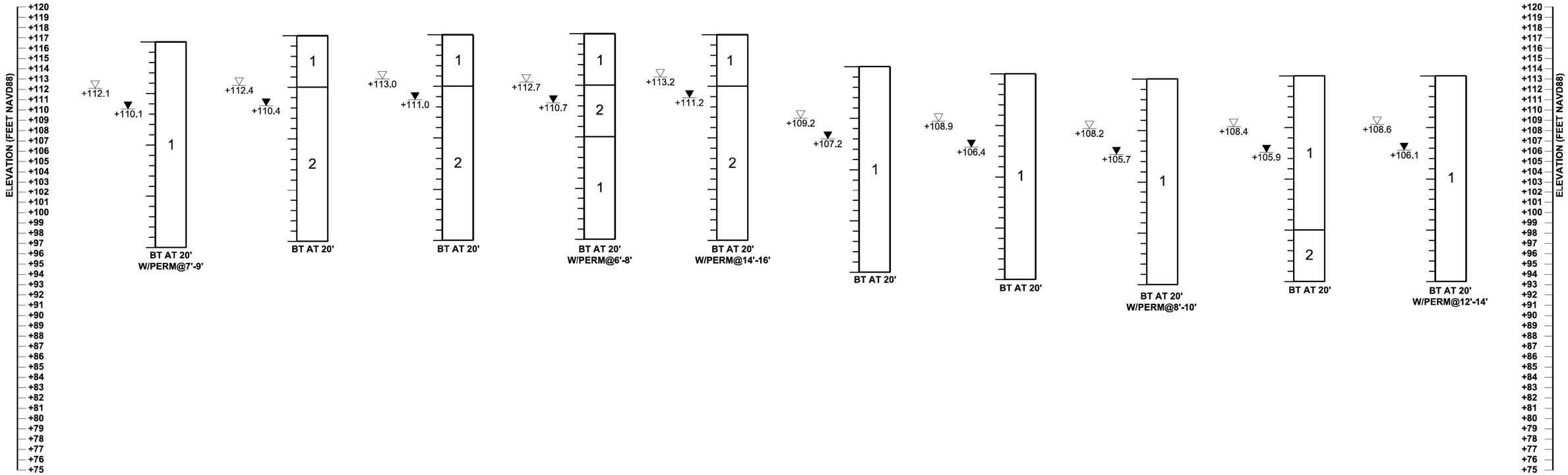
POND 141B2

POND 141B3

BORING ID	PB141B-15	PB141B-16	PB141B-17	PB141B-18	PB141B-19	PB141B-20	PB141B-21	PB141B-22	PB141B-23	PB141B-24
NORTHING	N: 1478784.62	N: 1478950.62	N: 1478922.29	N: 1479071.50	N: 1479030.74	N: 1479177.01	N: 1479193.12	N: 1479304.30	N: 1479338.17	N: 1479450.33
EASTING	E: 500281.62	E: 500163.87	E: 500374.73	E: 500281.21	E: 500478.75	E: 500357.97	E: 500584.90	E: 500486.28	E: 500685.95	E: 500609.62
GSE	+116.6	+117.2	+117.3	+117.4	+117.3	+114.2	+113.5	+113.0	+113.3	+113.3
DATE DRILLED	7-13-18	7-12-18	7-13-18	7-11-18	7-12-18	7-11-18	7-06-18	7-06-18	7-06-18	7-06-18

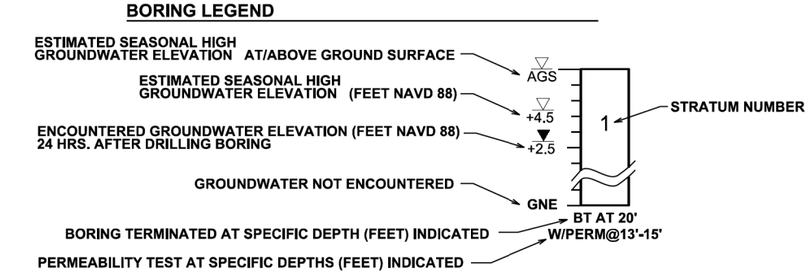


STRATUM NO.	AASHTO CLASSIFICATION	SOIL DESCRIPTION
1	A-3	LIGHT BROWN TO DARK BROWN, ORANGE BROWN OR LIGHT GRAY TO GRAY FINE SAND TO FINE SAND WITH SILT, OCCASIONAL LIMEROCK GRAVEL AND TRACE ORGANIC MATERIAL
2	A-3, A-2-4	LIGHT BROWN TO DARK BROWN, GRAY BROWN, ORANGE BROWN OR LIGHT GRAY TO DARK GRAY FINE 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	A-2-6, A-6	LIGHT BROWN CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL
5	A-2-7, A-7-5, A-7-6	LIGHT BROWN TO BROWN OR LIGHT GRAY SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL
6	A-8	DARK BROWN TO VERY DARK BROWN MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS
7	--	LIMEROCK ROAD BASE

NOTE:

POND BORING LOCATIONS WERE SURVEYED FOR VERTICAL AND HORIZONTAL CONTROL BY GEODATA, AECOM, DEWBERRY AND CARDNO.

BORING LEGEND



REVISIONS			
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AWK CONSULTING ENGINEERS, INC.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

ROADWAY SOIL SURVEY - PONDS (8)

SHEET NO. 508

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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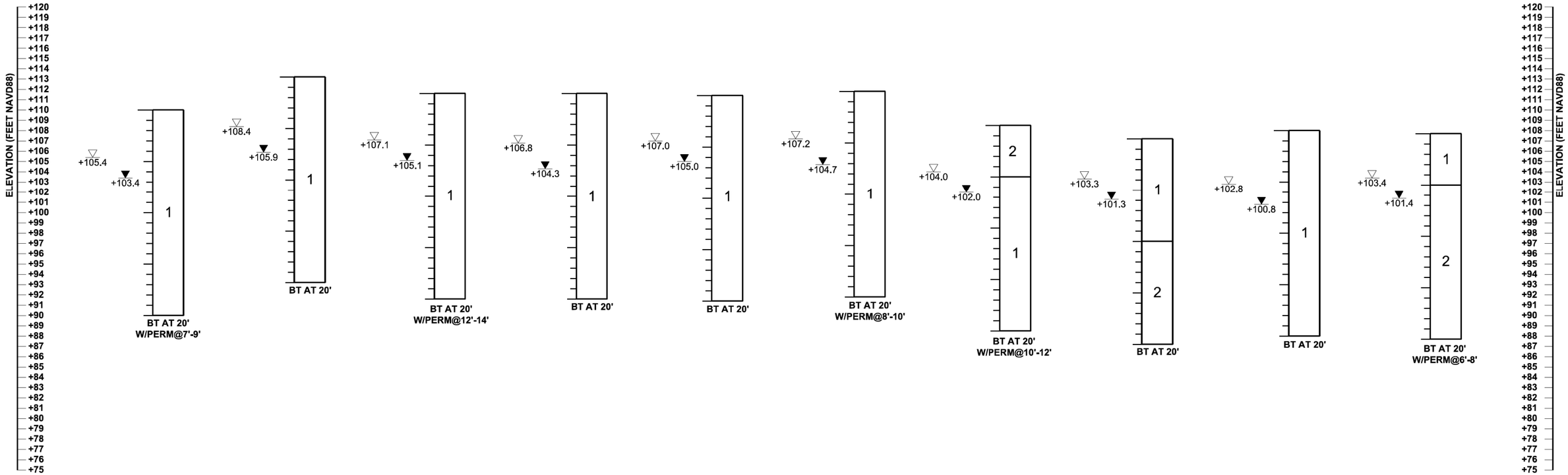
POND 141B3

FPC141

BORING ID	PB141B-25	PB141B-26	PB141B-27	PB141B-28	PB141B-29	PB141B-30	PB141B-31	PB141B-32	PB141B-33	PB141B-34
NORTHING	N: 1479452.50	N: 1479536.18	N: 1479627.78	N: 1479658.55	N: 1479825.89	N: 1479932.04	N: 1480067.00	N: 1480227.61	N: 1480221.68	N: 1480346.55
EASTING	E: 500841.30	E: 500698.72	E: 500996.65	E: 500808.43	E: 501160.58	E: 501047.64	E: 501359.64	E: 501302.21	E: 501443.23	E: 501407.52
GSE	+110.0	+113.2	+111.6	+111.6	+111.4	+111.8	+108.5	+107.2	+108.0	+107.7
DATE DRILLED	7-09-18	7-06-18	7-19-18	7-06-18	7-19-18	7-06-18	7-19-18	7-09-18	7-17-18	7-17-18

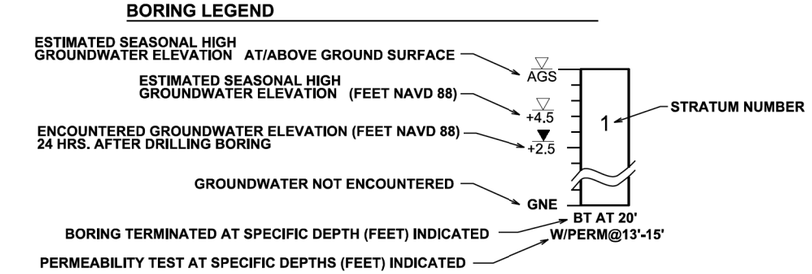


STRATUM NO.	AASHTO CLASSIFICATION	SOIL DESCRIPTION
1	A-3	LIGHT BROWN TO DARK BROWN, ORANGE BROWN OR LIGHT GRAY TO GRAY FINE SAND TO FINE SAND WITH SILT, OCCASIONAL LIMEROCK GRAVEL AND TRACE ORGANIC MATERIAL
2	A-3, A-2-4	LIGHT BROWN TO DARK BROWN, GRAY BROWN, ORANGE BROWN OR LIGHT GRAY TO DARK GRAY FINE 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	A-2-6, A-6	LIGHT BROWN CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL
5	A-2-7, A-7-5, A-7-6	LIGHT BROWN TO BROWN OR LIGHT GRAY SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL
6	A-8	DARK BROWN TO VERY DARK BROWN MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS
7	--	LIMEROCK ROAD BASE

NOTE:

POND BORING LOCATIONS WERE SURVEYED FOR VERTICAL AND HORIZONTAL CONTROL BY GEODATA, AECOM, DEWBERRY AND CARDNO.

BORING LEGEND



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

ROADWAY SOIL SURVEY - PONDS (9)

SHEET NO. 509

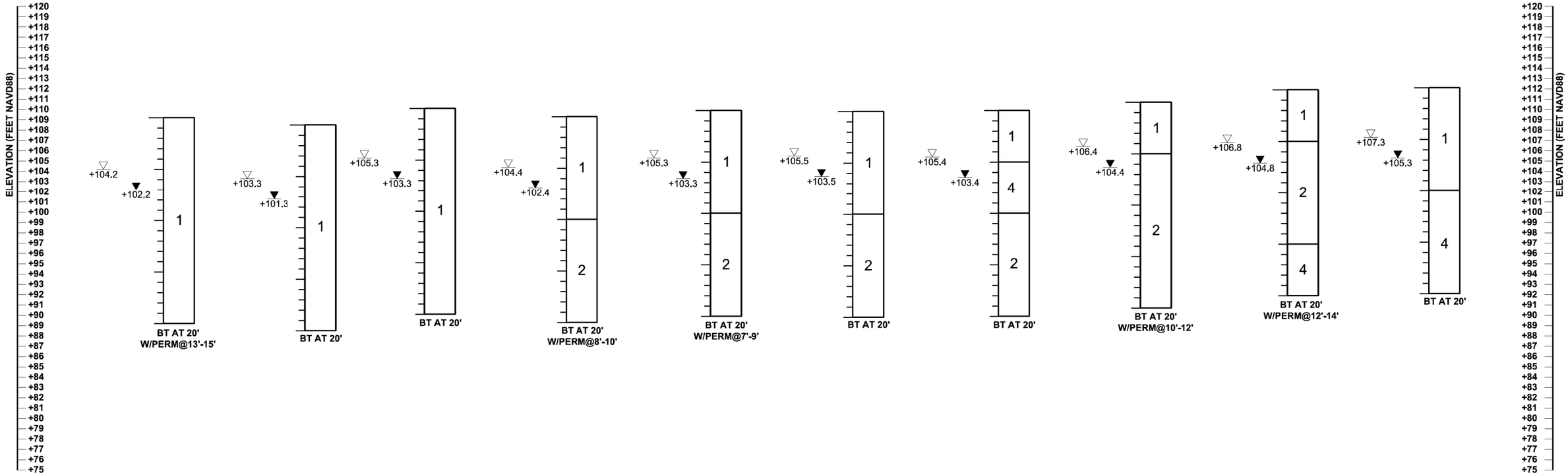
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

robert.martini 5/7/2020 2:07:22 PM c:\pwworking\aecom_na\rmartini\d0164805\RDSSGE004_Pond.DGN

FPC141

POND 141B4

BORING ID	PB141B-35	PB141B-36	PB141B-37	PB141B-38	PB141B-39	PB141B-40	PB141B-41	PB141B-42	PB141B-43	PB141B-44
NORTHING	N: 1480391.66	N: 1480519.10	N: 1480497.85	N: 1480568.23	N: 1480661.47	N: 1480749.73	N: 1480832.26	N: 1480922.38	N: 1481019.47	N: 1481109.79
EASTING	E: 501658.18	E: 501404.80	E: 501729.54	E: 501570.66	E: 501820.08	E: 501688.59	E: 501926.25	E: 501803.91	E: 502041.49	E: 501895.71
GSE	+109.2	+108.5	+110.1	+109.3	+109.9	+109.8	+109.9	+110.7	+111.9	+112.1
DATE DRILLED	7-17-18	7-17-18	7-17-18	7-17-18	7-16-18	7-16-18	7-16-18	7-16-18	7-16-18	7-16-18



STRATUM NO.	AASHTO CLASSIFICATION	SOIL DESCRIPTION
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2	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	A-2-6, A-6	LIGHT BROWN CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL
5	A-2-7, A-7-5, A-7-6	LIGHT BROWN TO BROWN OR LIGHT GRAY SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL
6	A-8	DARK BROWN TO VERY DARK BROWN MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS
7	--	LIMEROCK ROAD BASE

NOTE:

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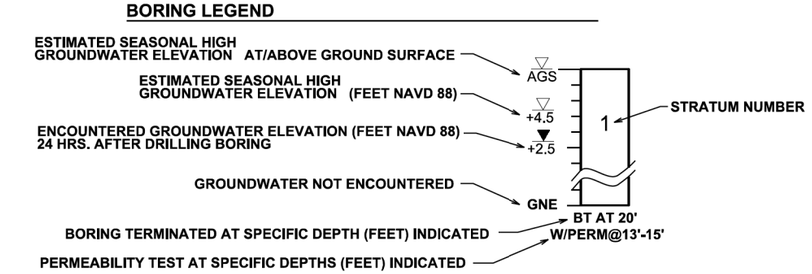
BORING LEGEND



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AWK CONSULTING ENGINEERS, INC.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

ROADWAY SOIL SURVEY - PONDS (10)

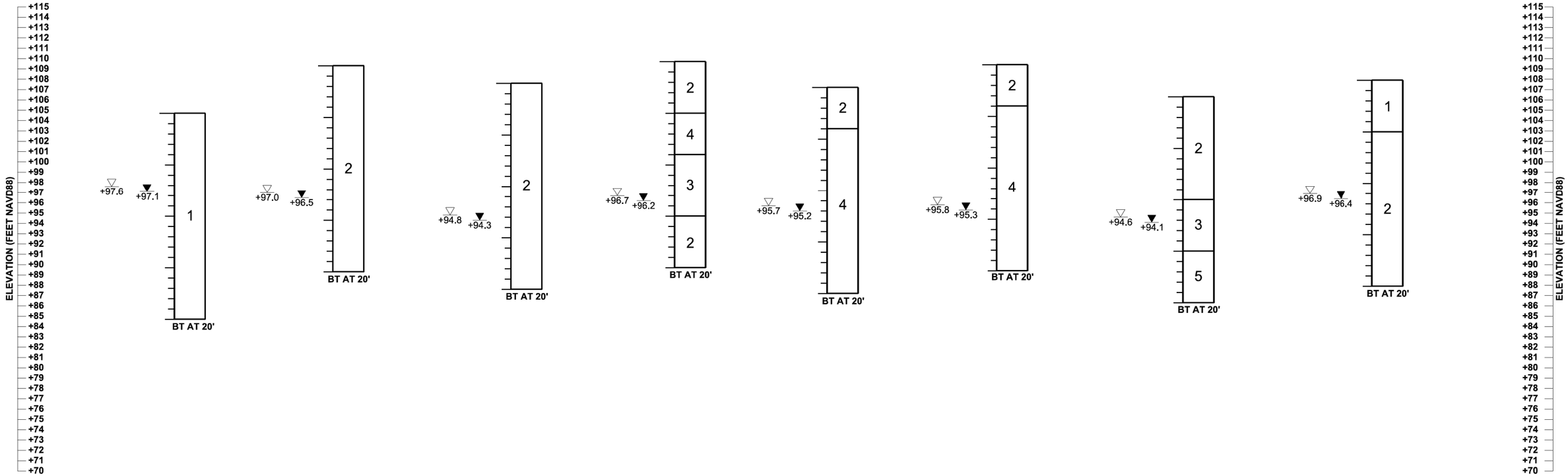
SHEET NO. 510

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

robert.martini 5/7/2020 2:07:34 PM c:\pwworking\aecom_na\rmartini\d0164805\RDSSGE004_Pond.DGN

POND 142B

BORING ID	PB142-1	PB142-2	PB142-3	PB142-4	PB142-5	PB142-6	PB142-7	PB142-8
NORTHING	N: 1481286.6	N: 1481404.5	N: 1481608.5	N: 1481754.4	N: 1481970.8	N: 1482093.3	N: 1482288.6	N: 1482399.5
EASTING	E: 501558.2	E: 501691.0	E: 501765.7	E: 501943.0	E: 501984.5	E: 502157.2	E: 502212.1	E: 502409.8
GSE	+104.7	+109.3	+107.6	+109.7	+107.2	+109.4	+106.3	+107.9
DATE DRILLED	9-30-16	9-30-16	9-30-16	9-30-16	9-30-16	9-30-16	10-4-16	10-4-16



STRATUM NO.	AASHTO CLASSIFICATION	SOIL DESCRIPTION
1	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 TRACE ORGANIC MATERIAL
2	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	A-2-6, A-6	LIGHT BROWN CLAYEY FINE SAND TO SANDY CLAY, OCCASIONAL ORGANIC MATERIAL
5	A-2-7, A-7-5, A-7-6	LIGHT BROWN TO BROWN OR LIGHT GRAY SANDY CLAY TO CLAY, OCCASIONAL ORGANIC MATERIAL
6	A-8	DARK BROWN TO VERY DARK BROWN MUCKY FINE SAND TO ORGANIC MUCK, OCCASIONAL WOOD FRAGMENTS
7	--	LIMEROCK ROAD BASE

NOTE:

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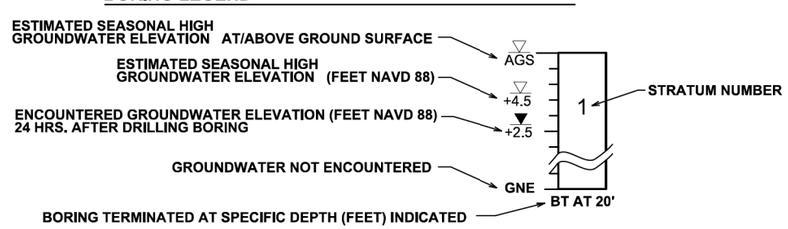
BORING LEGEND



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

ROADWAY SOIL SURVEY - PONDS (11)

SHEET NO. 511

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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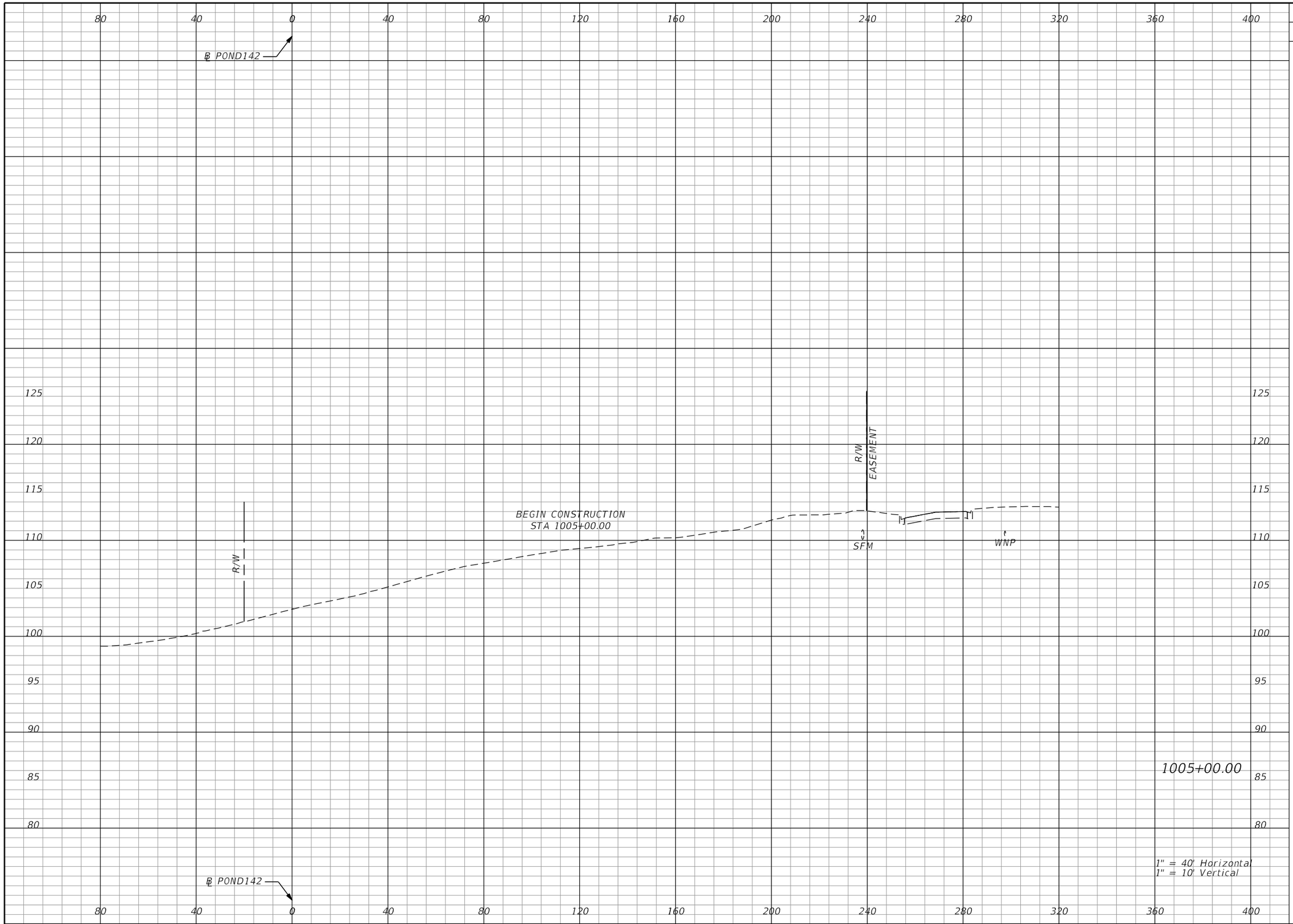

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	0.0	0.0	0.0

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Tuy Duong, P.E.
P.E. License No. 66461
AECOM TECHNICAL SERVICES, Inc.
150 N. Orange Avenue, Suite 200
Orlando, FL. 32801
T 407.843.6552 F 407.839.1789
www.aecom.com

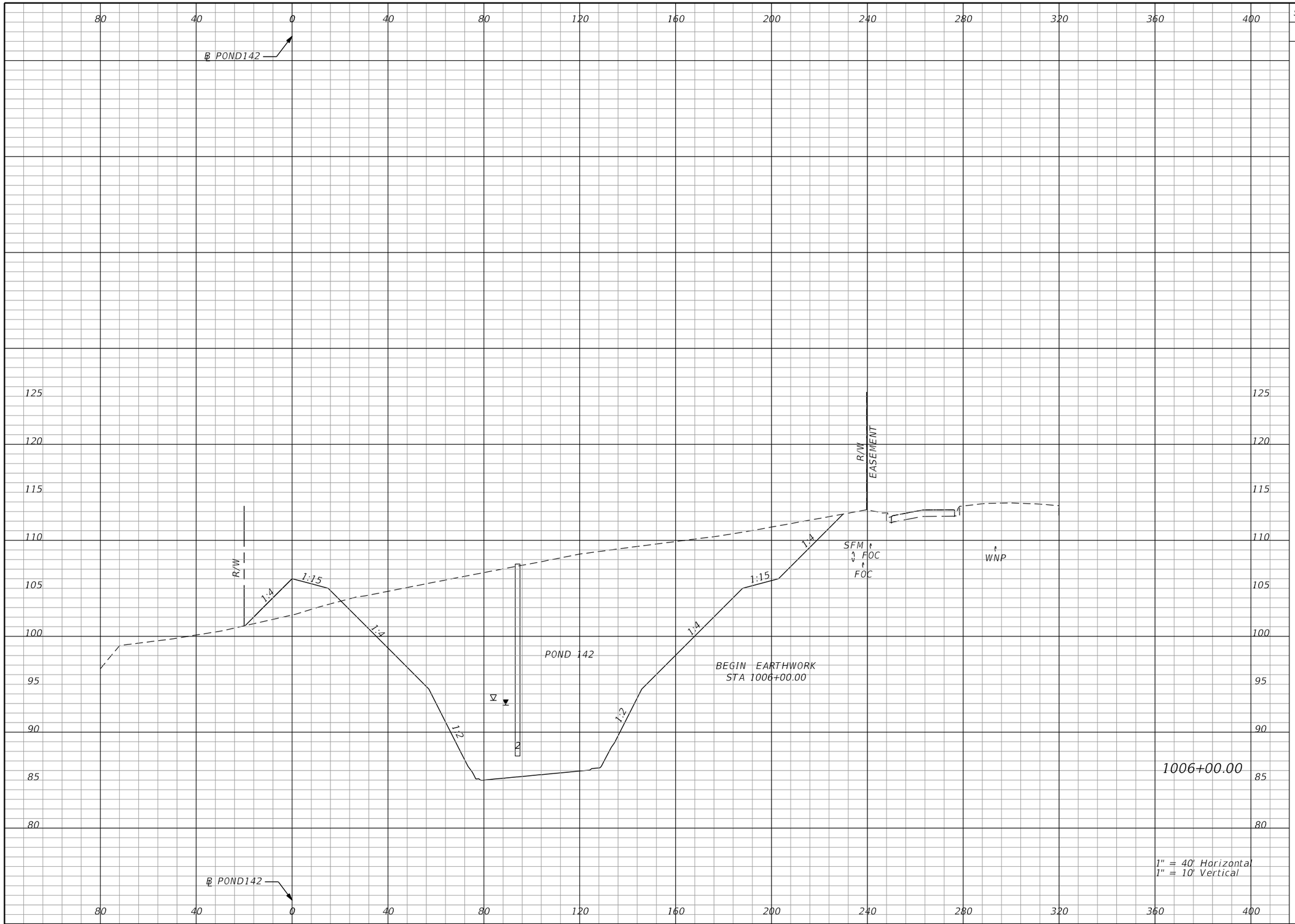
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND 142
CROSS SECTIONS

SHEET NO. 512

glen.dvorovy 5/6/2020 5:15:28 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\PDXSRD01_POND142.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	2593.1	4802.1	82.9	153.5

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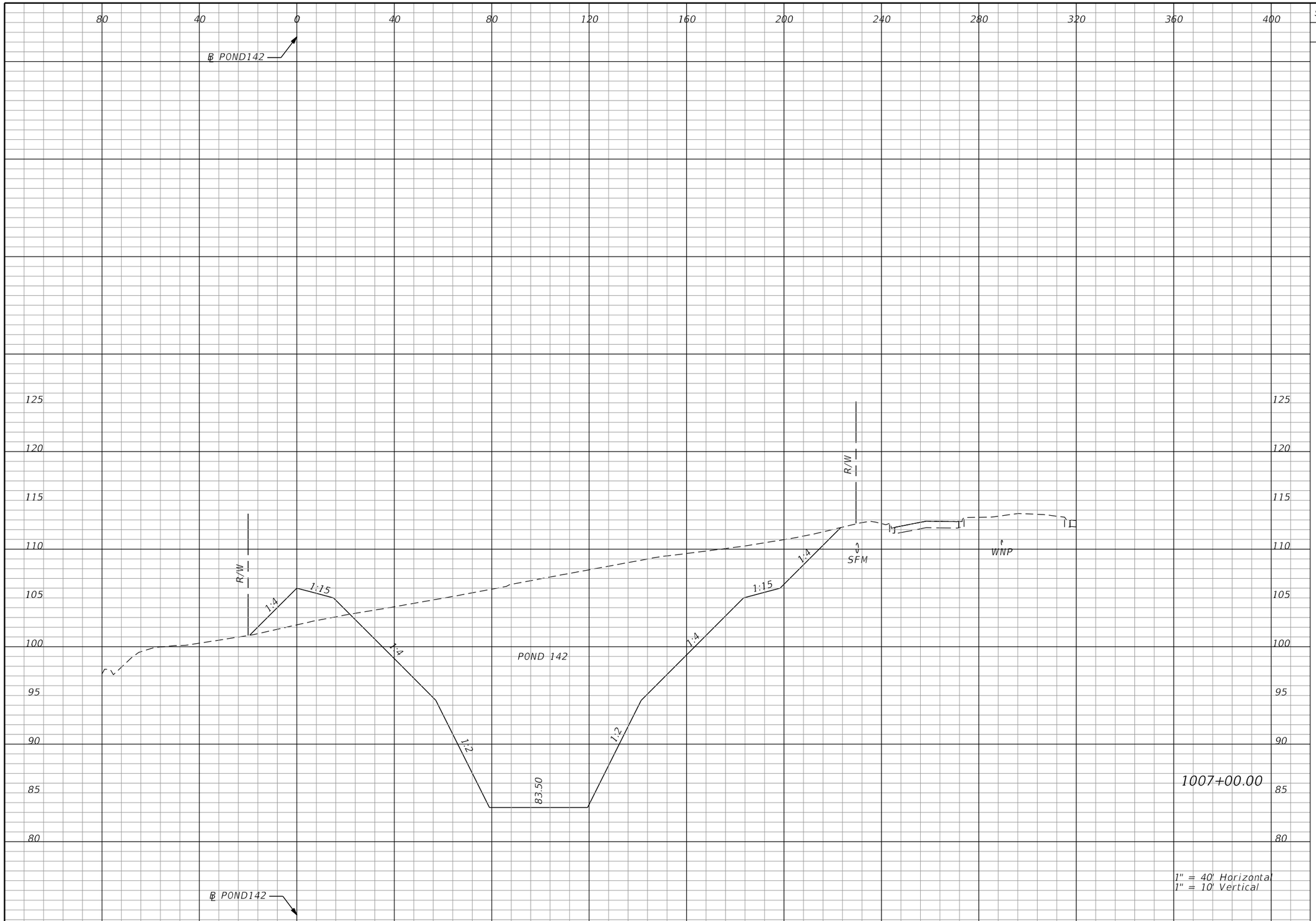
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND 142
CROSS SECTIONS

SHEET NO. 513

glen.dvorovy 5/6/2020 5:15:28 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\PDXSRD01_POND142.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	2461.6	9360.6	86.4	313.4

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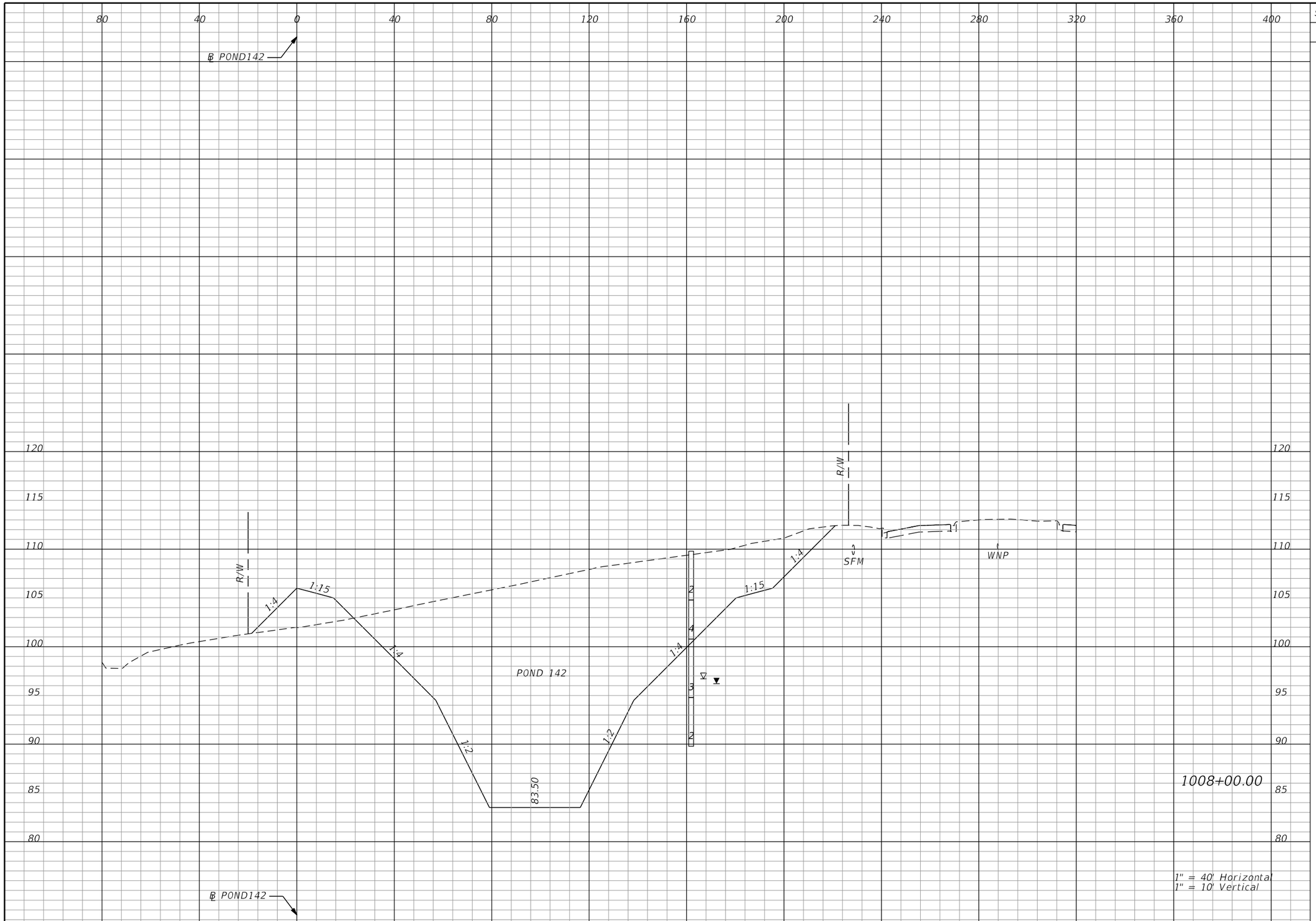
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND 142
CROSS SECTIONS

SHEET NO.
514



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	2362.8	8934.0	96.6	338.9

1" = 40' Horizontal
1" = 10' Vertical

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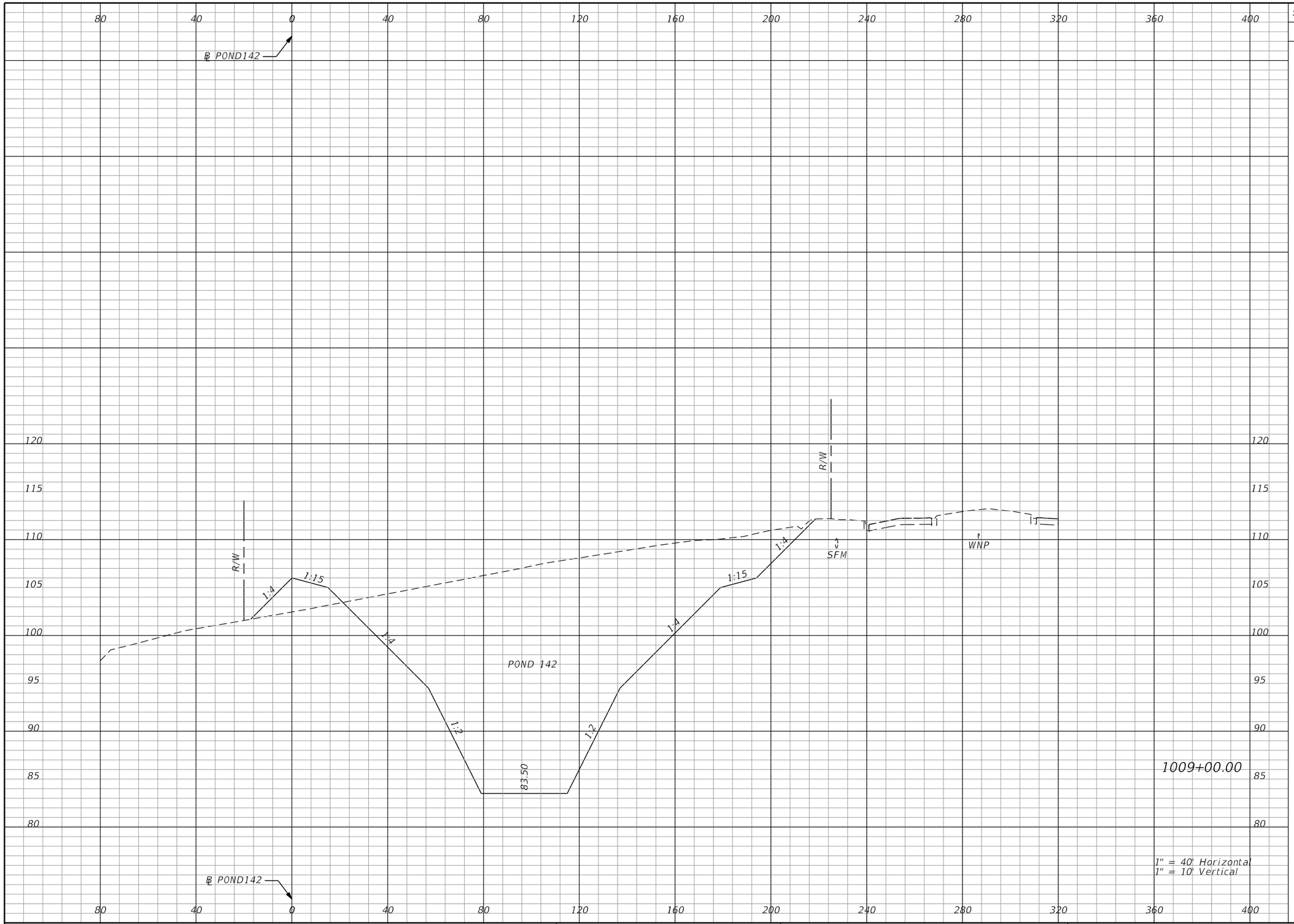
SR 400	ORANGE	441113-1-52-01

POND 142
CROSS SECTIONS

SHEET NO.
515



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	2364.5	8754.1	77.1	321.7

REVISIONS			
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150 N. Orange Avenue, Suite 200
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND 142
CROSS SECTIONS

SHEET NO. 516

glen.dvorovy 5/6/2020 5:15:31 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\PDXSRD01_POND142.DGN

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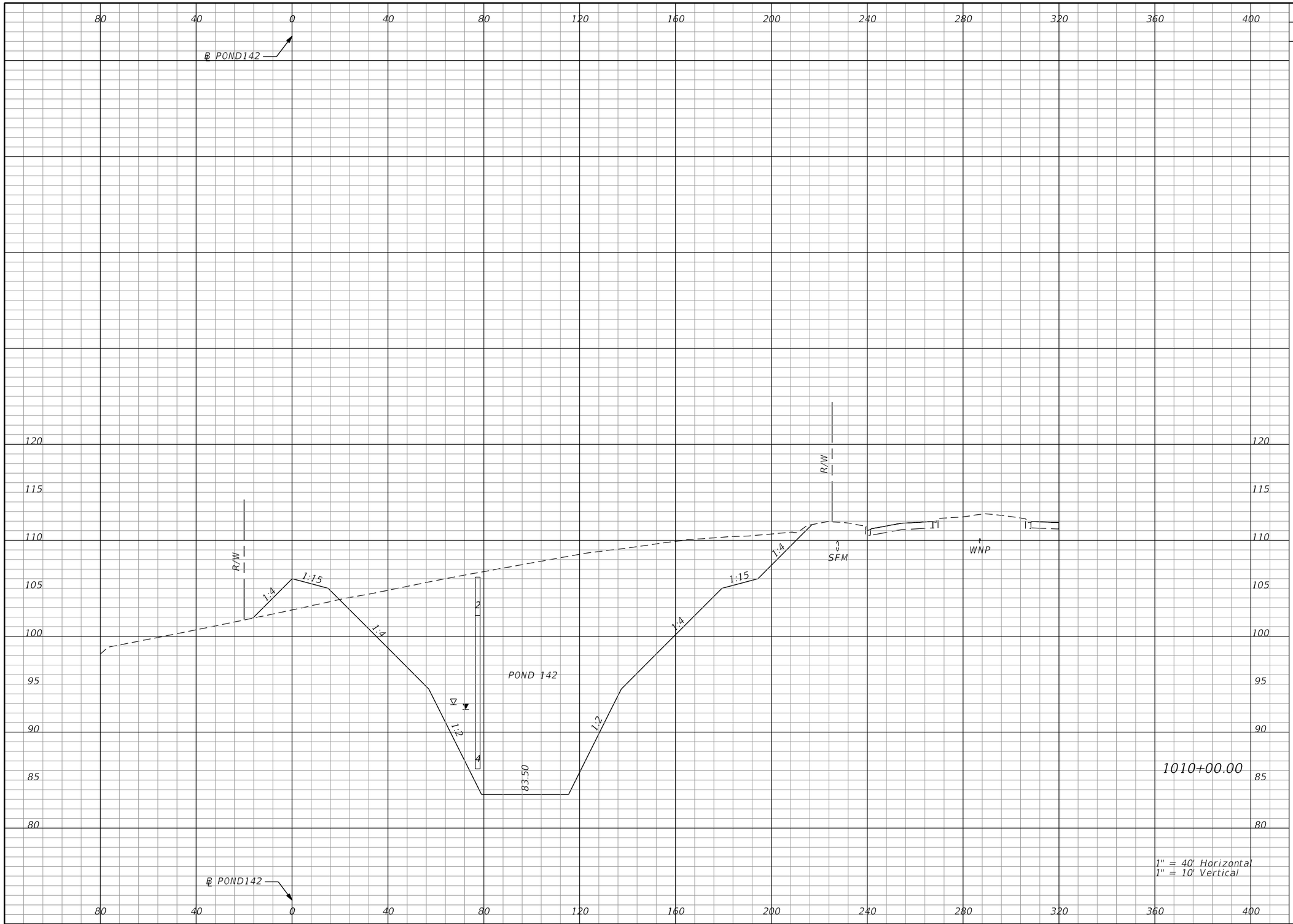

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	2433.7	8885.6	65.4	264.0

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DATE	DESCRIPTION	DATE	DESCRIPTION

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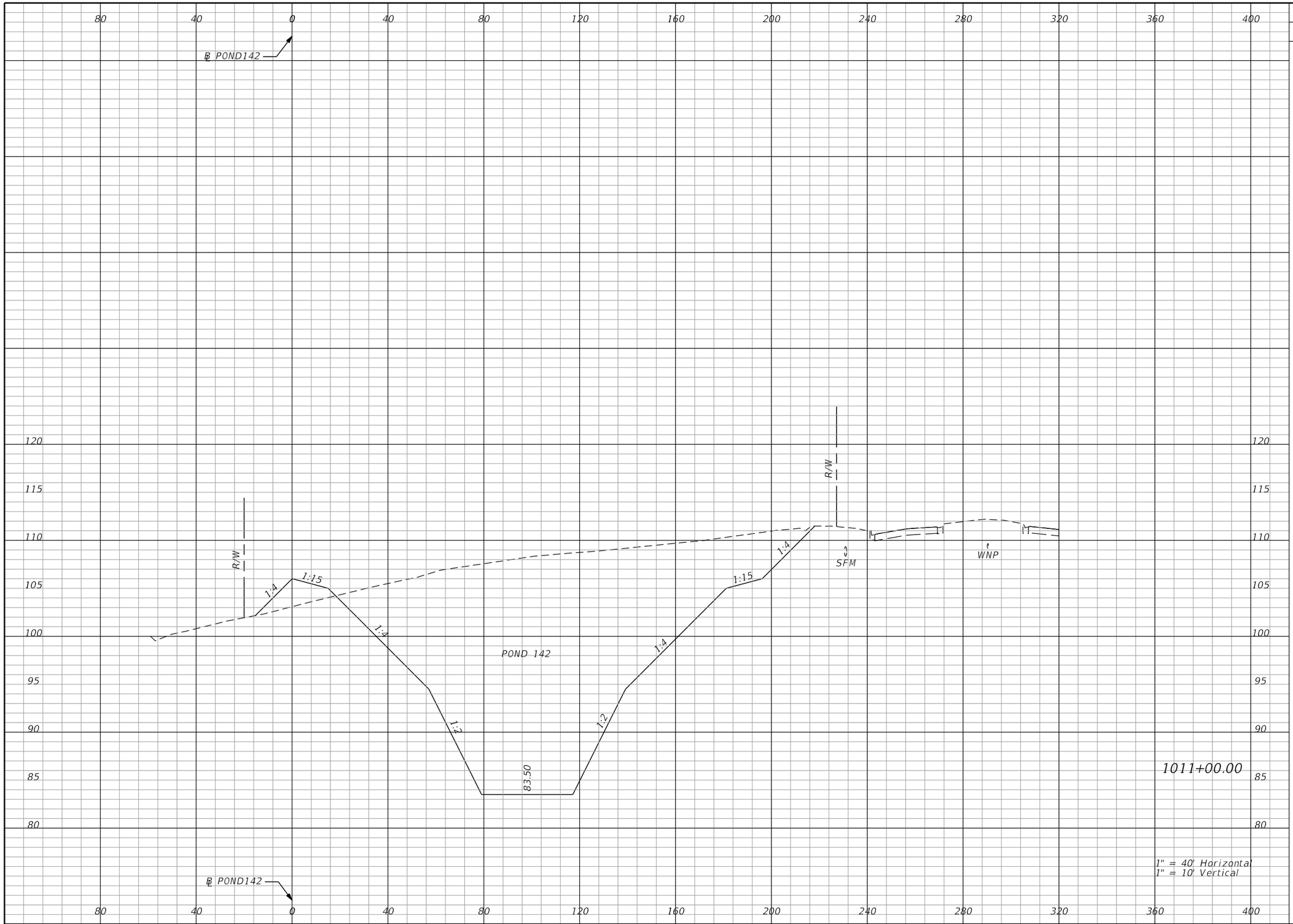
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND 142
CROSS SECTIONS

SHEET NO. 517

glen.dvorovy 5/6/2020 5:15:34 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\PDXSRD01_POND142.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	2555.6	9239.4	53.4	220.0

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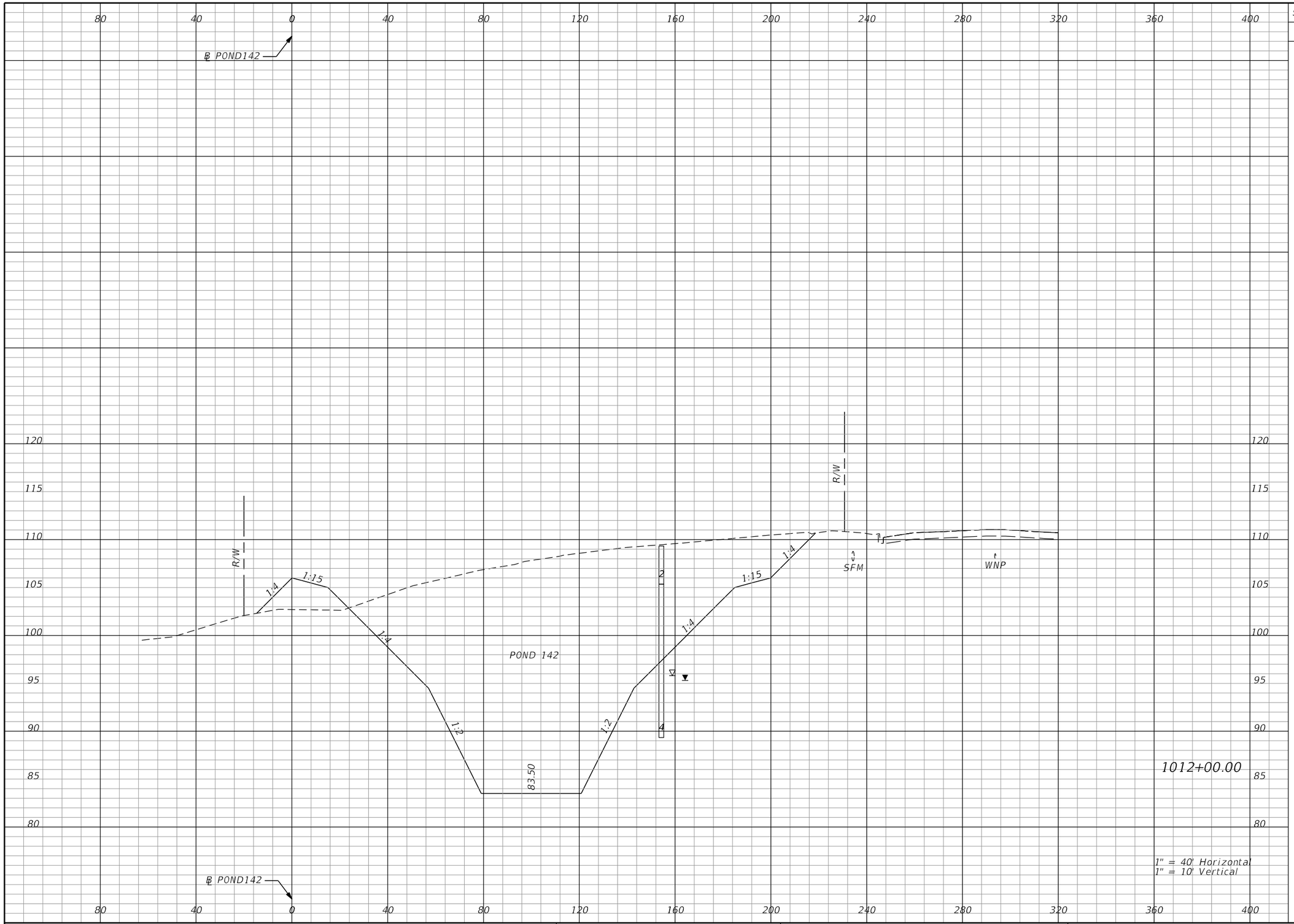
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND 142
CROSS SECTIONS

SHEET NO. 518



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	2548.8	9452.5	76.3	240.1

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND 142
CROSS SECTIONS

SHEET NO.
519

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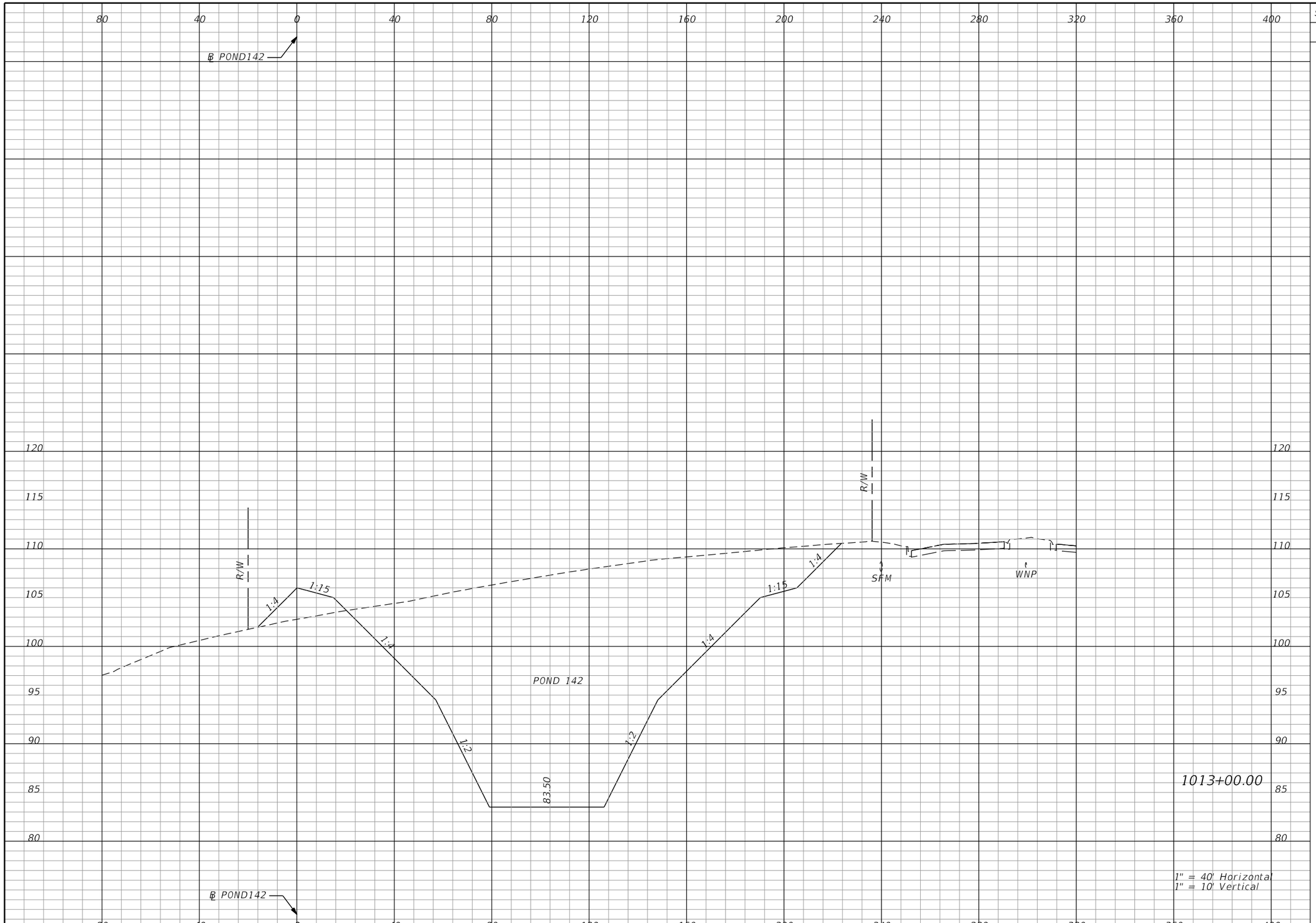

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	2622.7	9576.8	65.9	263.4

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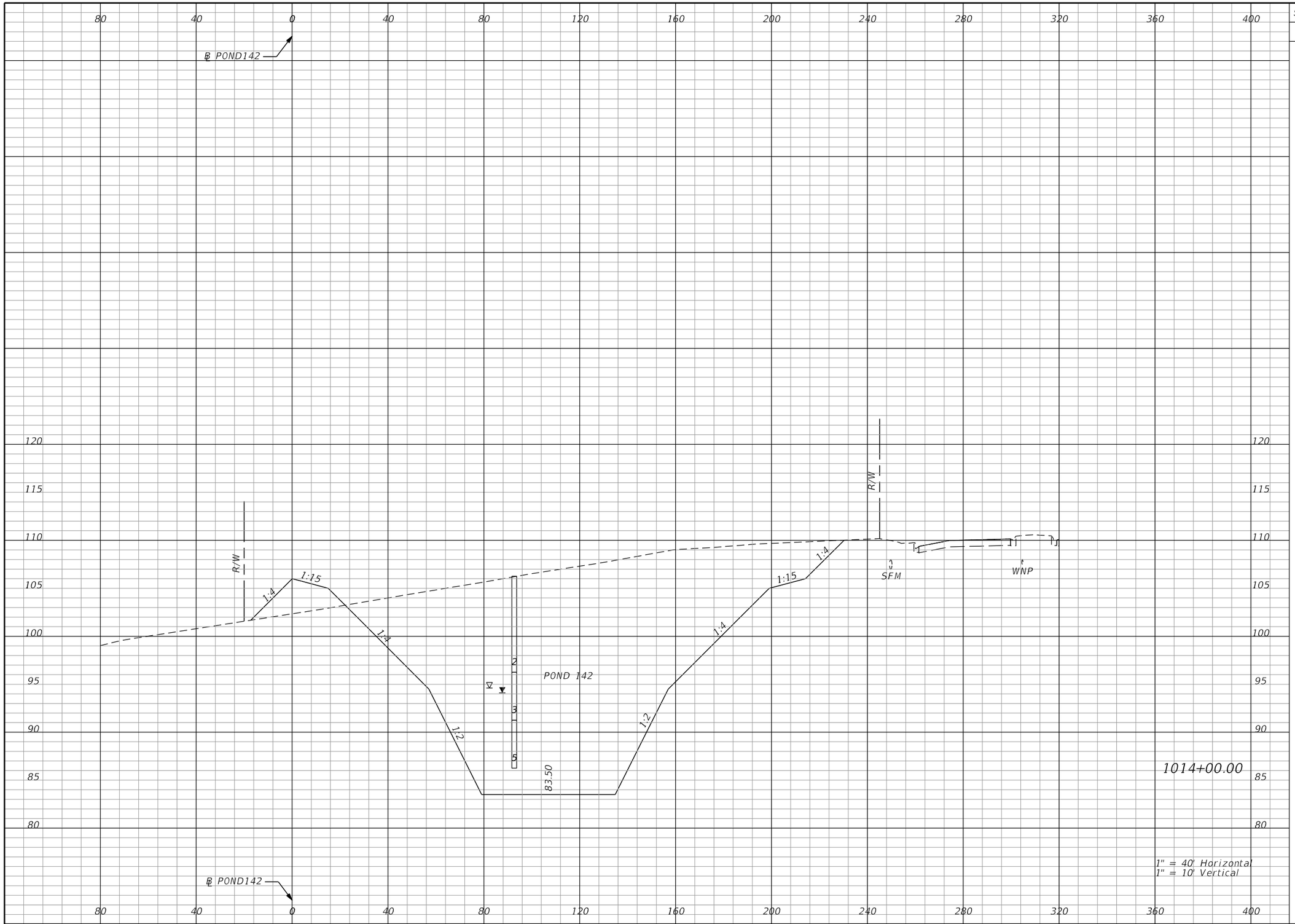
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND 142
CROSS SECTIONS

SHEET NO. 520



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	2759.1	9966.3	82.0	273.8

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND 142
CROSS SECTIONS

SHEET NO. 521

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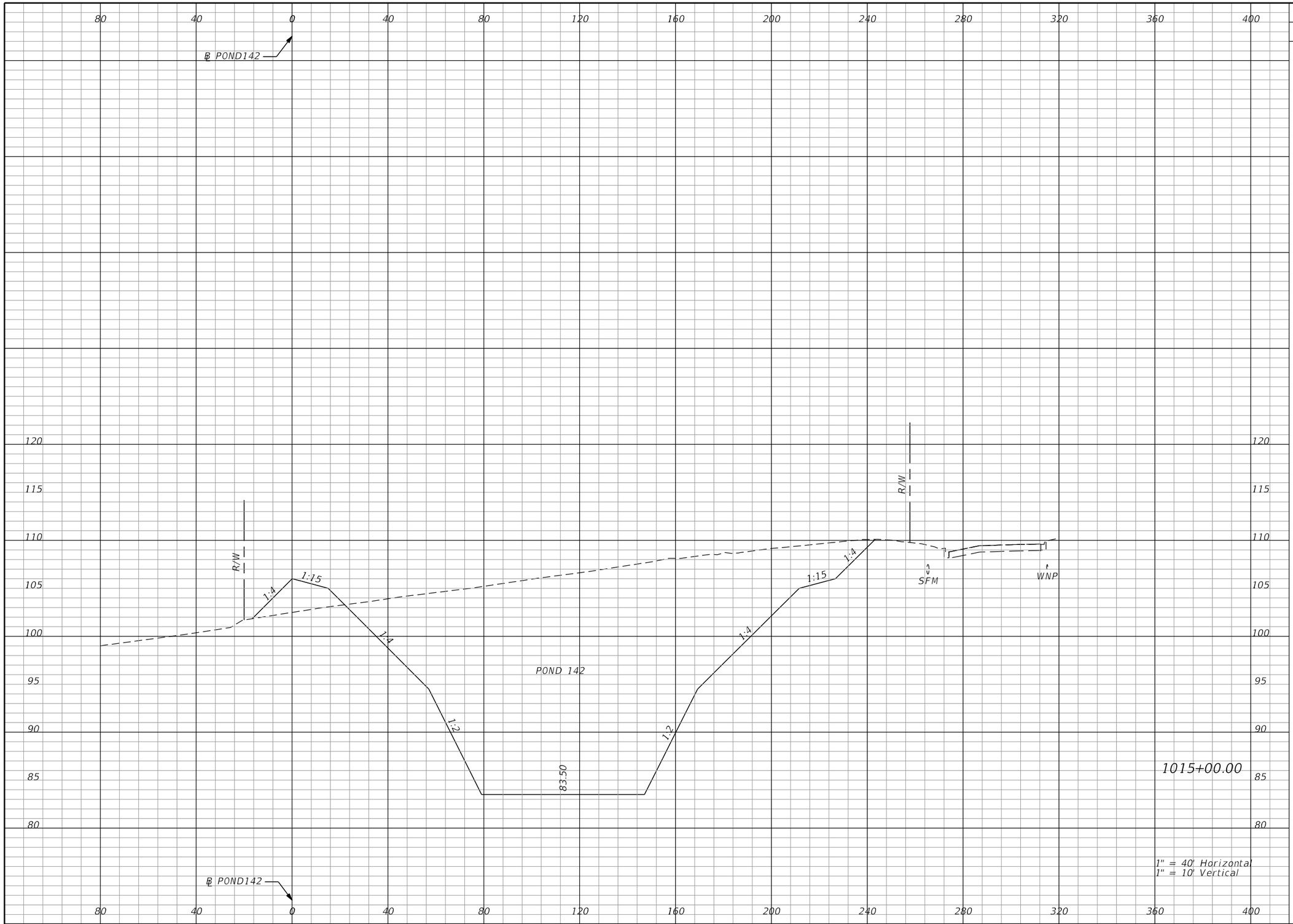

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	2982.4	10632.4	76.7	293.8

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND 142
CROSS SECTIONS

SHEET NO. 522

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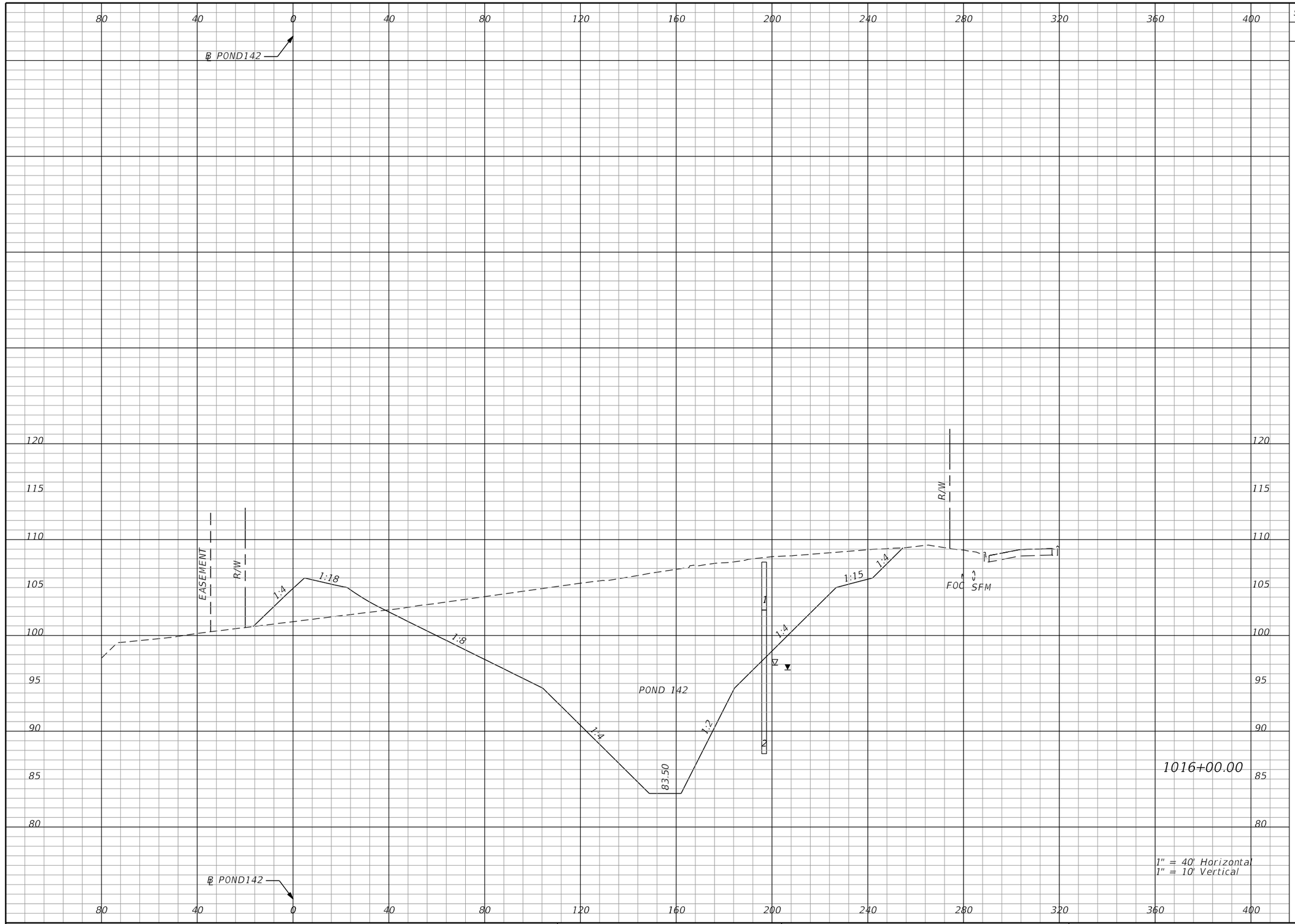

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	2230.5	9653.5	134.2	390.5

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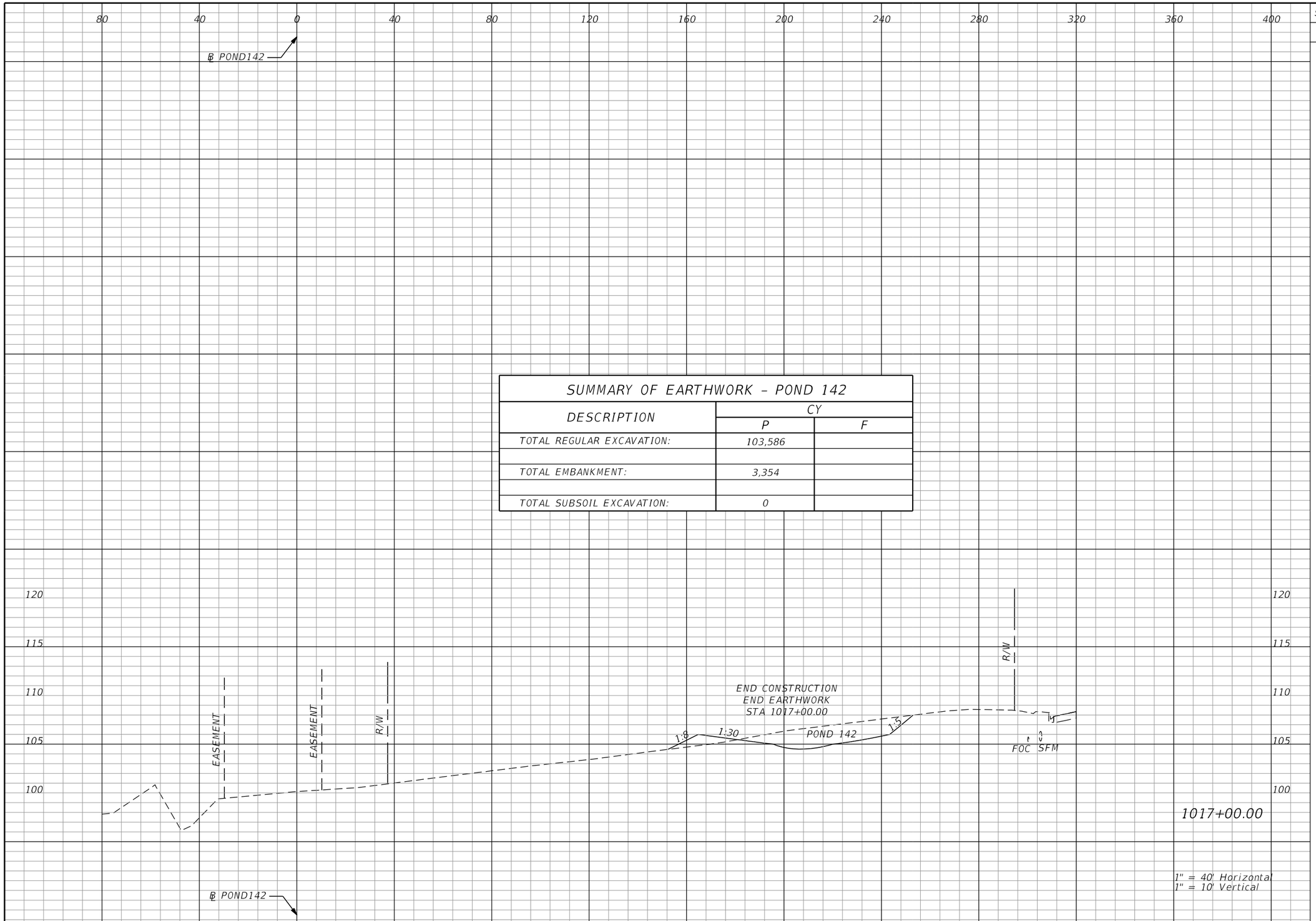
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND 142
CROSS SECTIONS

SHEET NO. 523



SUMMARY OF EARTHWORK – POND 142

DESCRIPTION	CY	
	P	F
TOTAL REGULAR EXCAVATION:	103,586	
TOTAL EMBANKMENT:	3,354	
TOTAL SUBSOIL EXCAVATION:	0	

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	106.9	4328.5	16.8	279.5

1" = 40' Horizontal
1" = 10' Vertical

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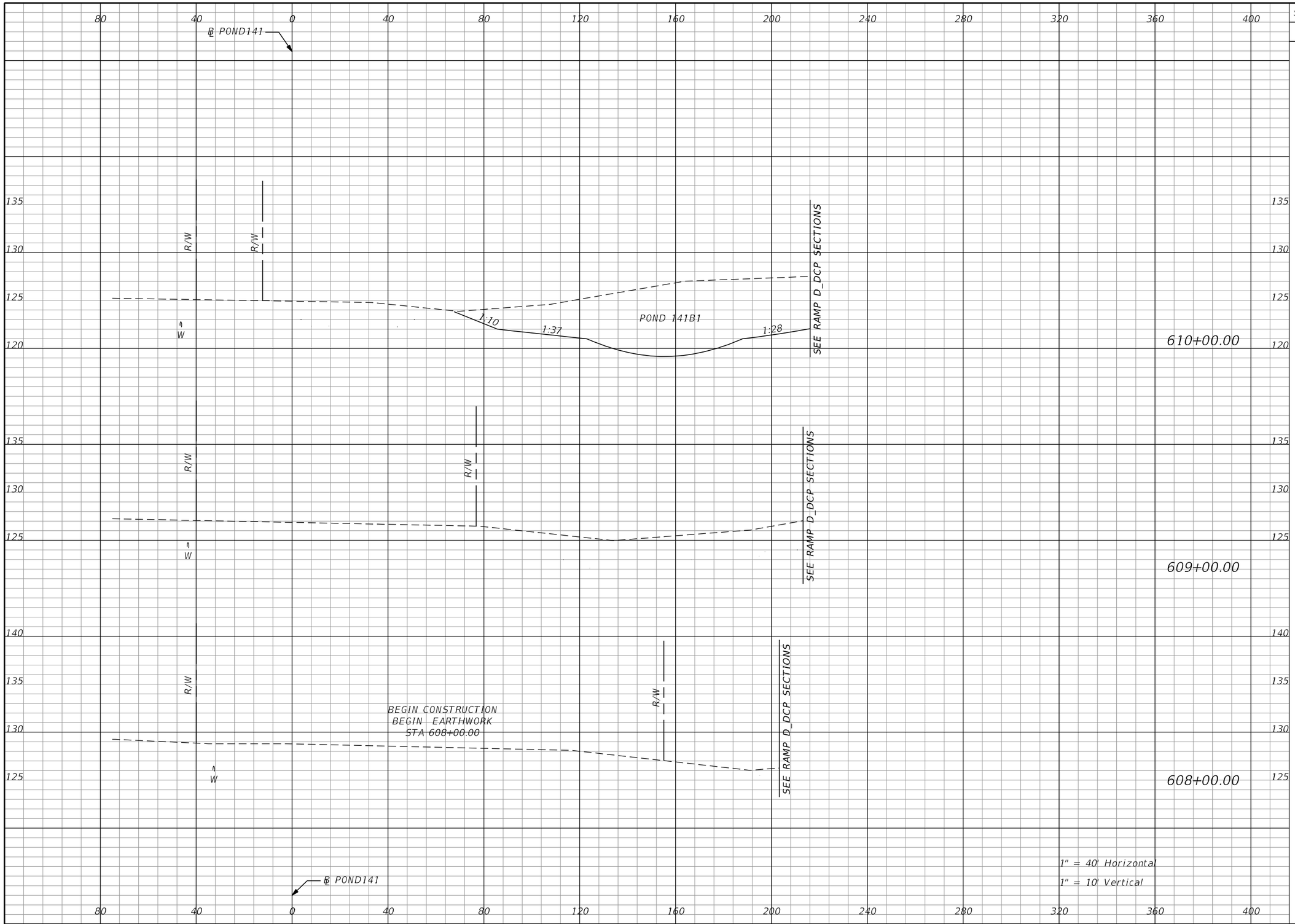
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

POND 142
CROSS SECTIONS

SHEET NO. 524



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	882.5	2194.0	0.0	0.0
0.0	0.0	302.3	570.9	0.0	0.0
0.0	0.0	6.0	0.0	0.0	0.0

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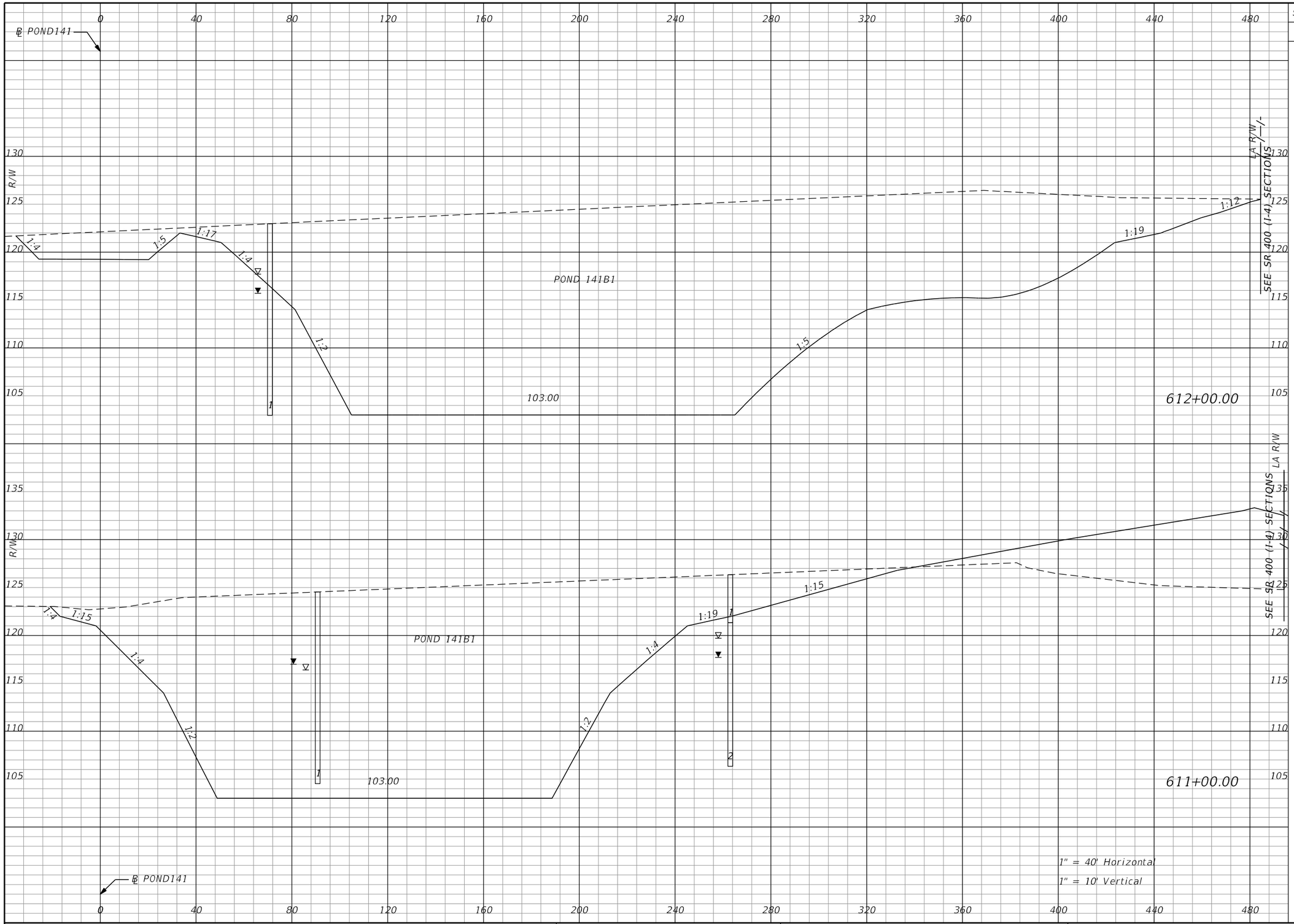
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B1 CROSS SECTIONS

SHEET NO. 525



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	6198.0	19838.4	0.0	1250.3
0.0	0.0	4514.7	9994.8	675.2	1250.3

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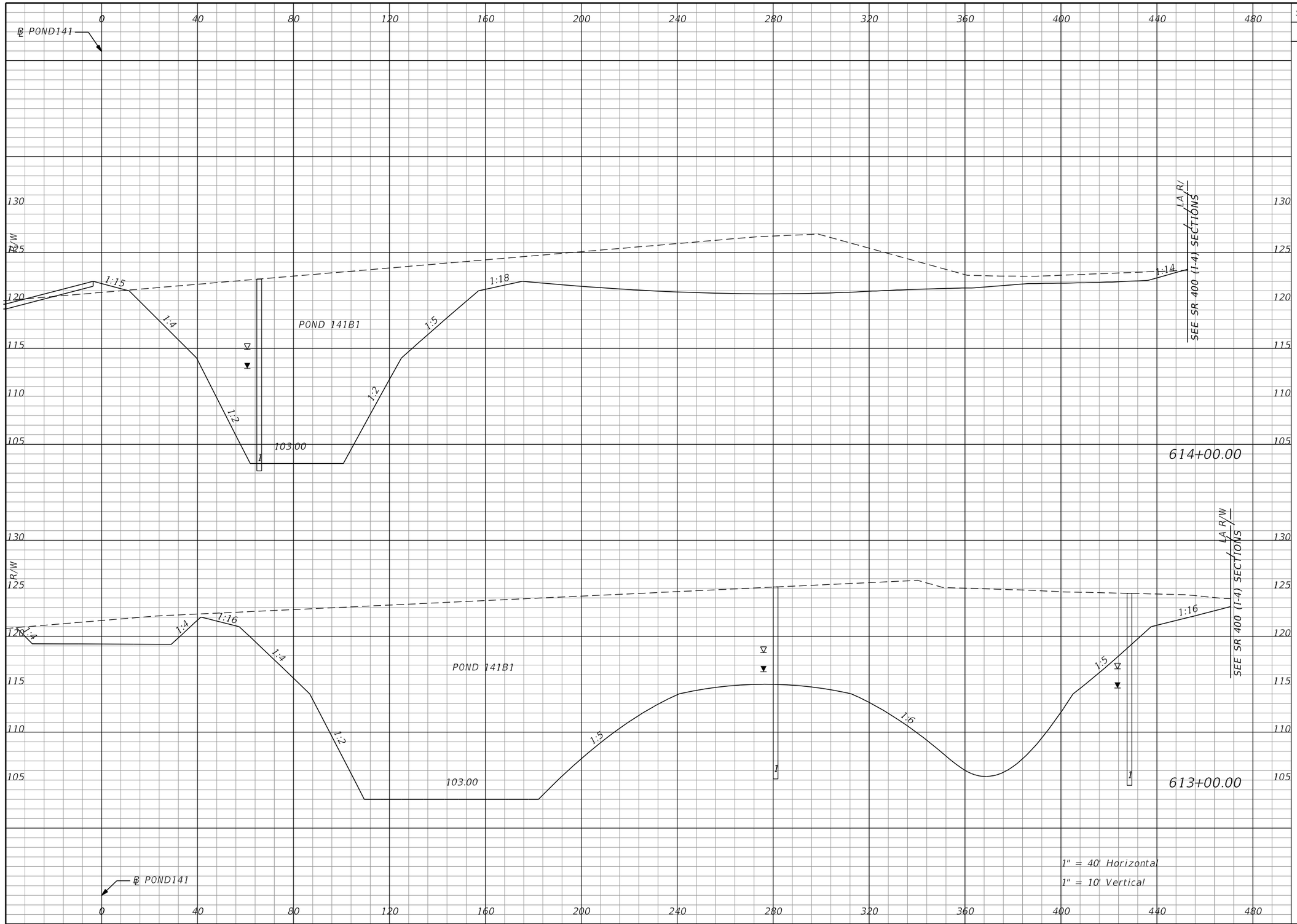
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B1 CROSS SECTIONS

SHEET NO. 526

glen.dvorovy 5/6/2020 5:16:03 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\PDXSRD01_PALM_PARKWAY_PONDS.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		2675.3		12.1	
	0.0		15271.6		22.4
0.0		5571.3		0.0	
	0.0		21795.1		0.0

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B1 & B2 CROSS SECTIONS

SHEET NO. 527

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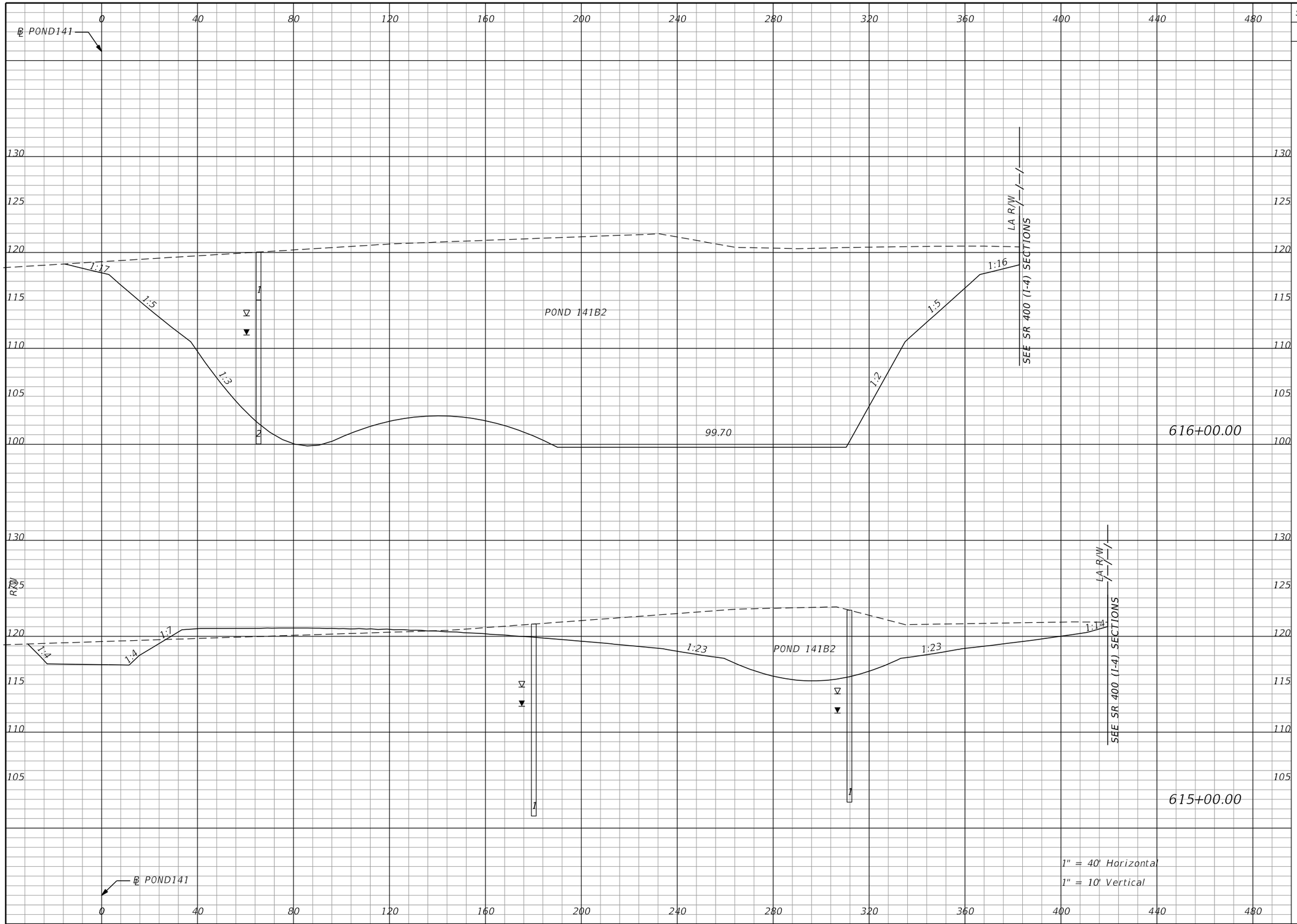

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	6181.2	13370.8	0.0	129.2
0.0	0.0	1039.0	6878.4	69.8	151.6

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B2 CROSS SECTIONS

SHEET NO. 528

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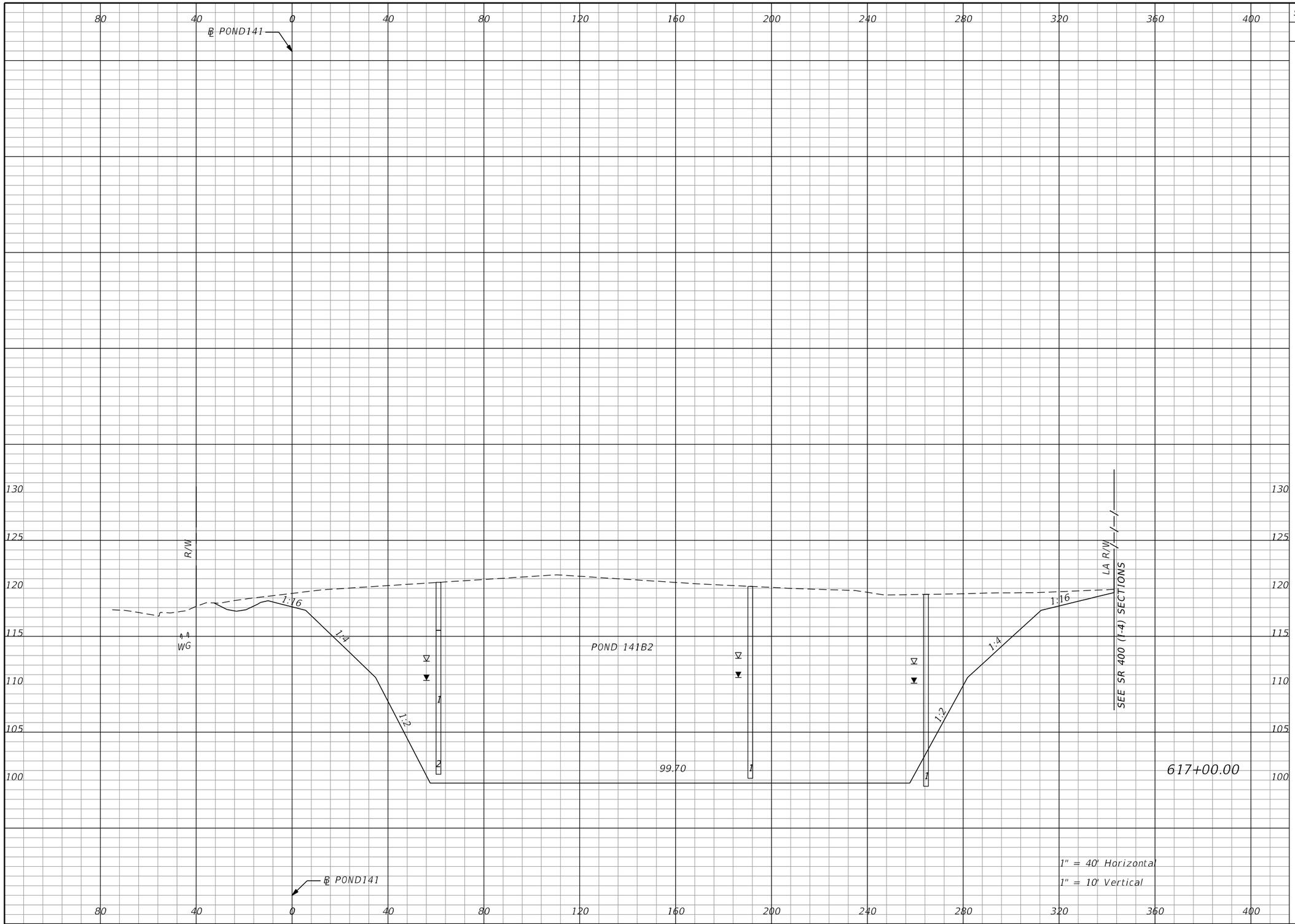

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	5248.2	21165.5	0.0	0.0

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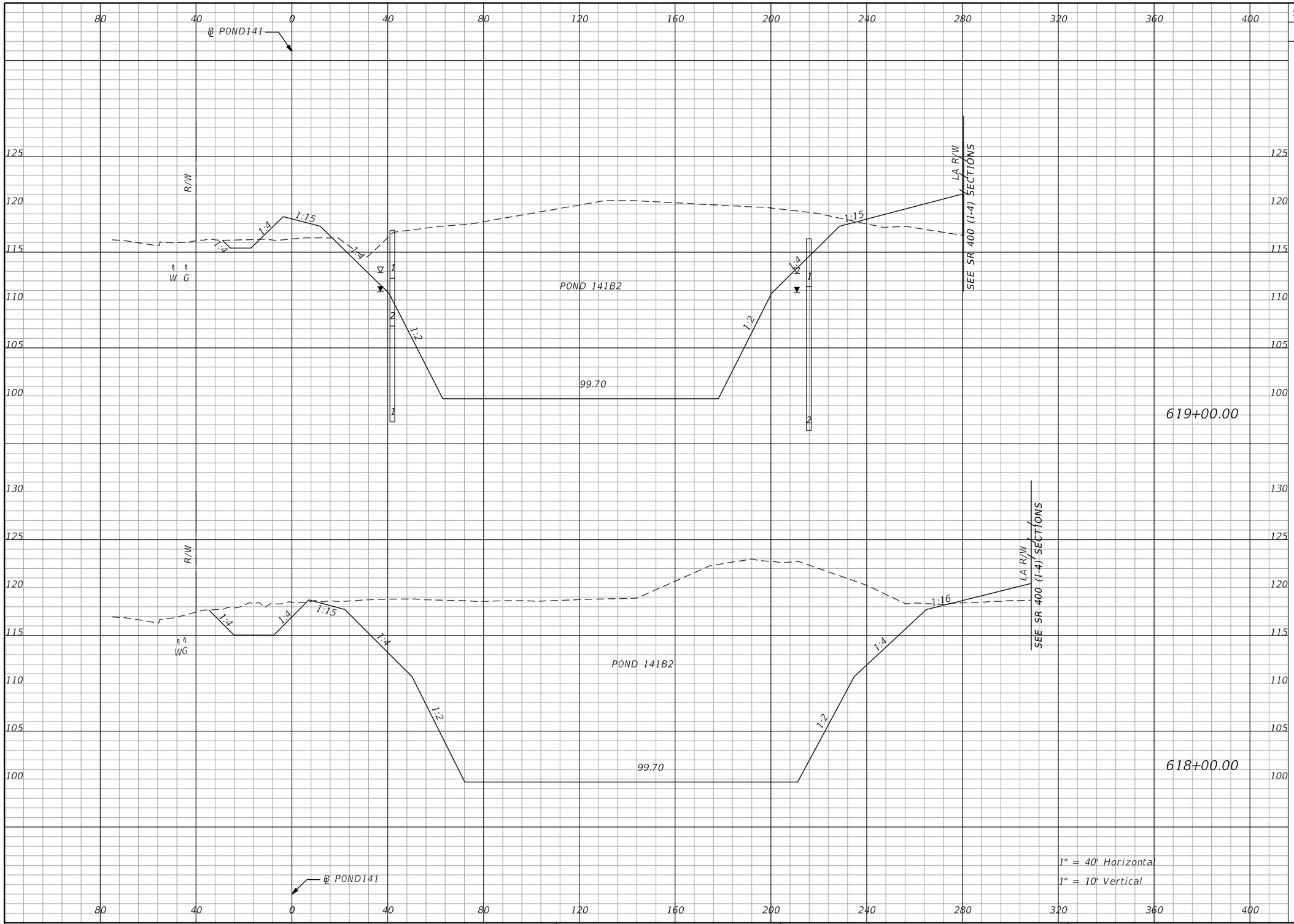
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B2 CROSS SECTIONS

SHEET NO. 529



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		3069.7		139.0	
	0.0		12918.3		311.4
0.0		3906.2		29.1	
	0.0		16952.4		53.9

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B2 CROSS SECTIONS

SHEET NO. 530

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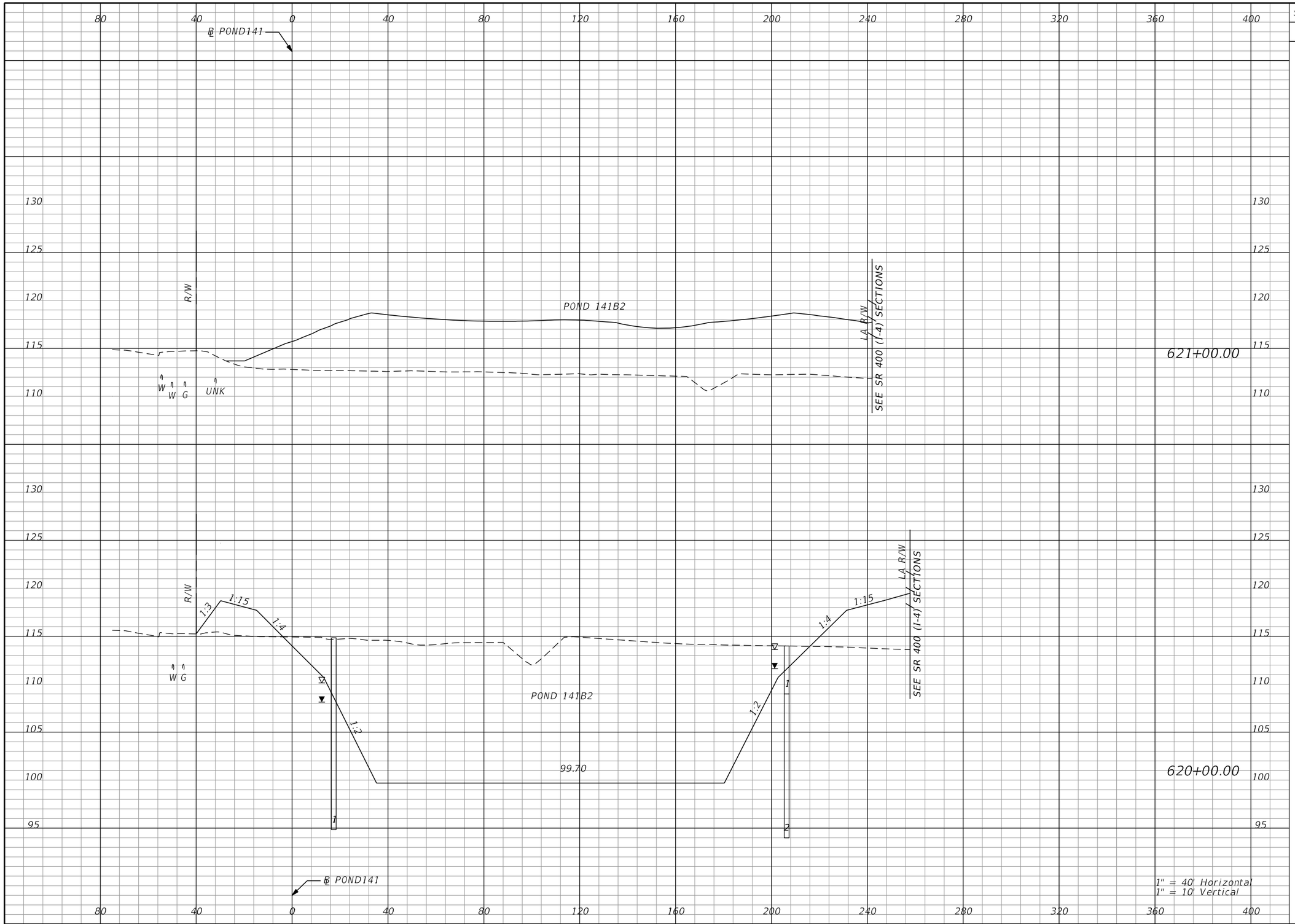

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		0.0		1382.3	
	0.0		4754.5		2995.8
0.0		2567.4		235.4	
	0.0		10439.2		693.4

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SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B2 CROSS SECTIONS

SHEET NO. 531

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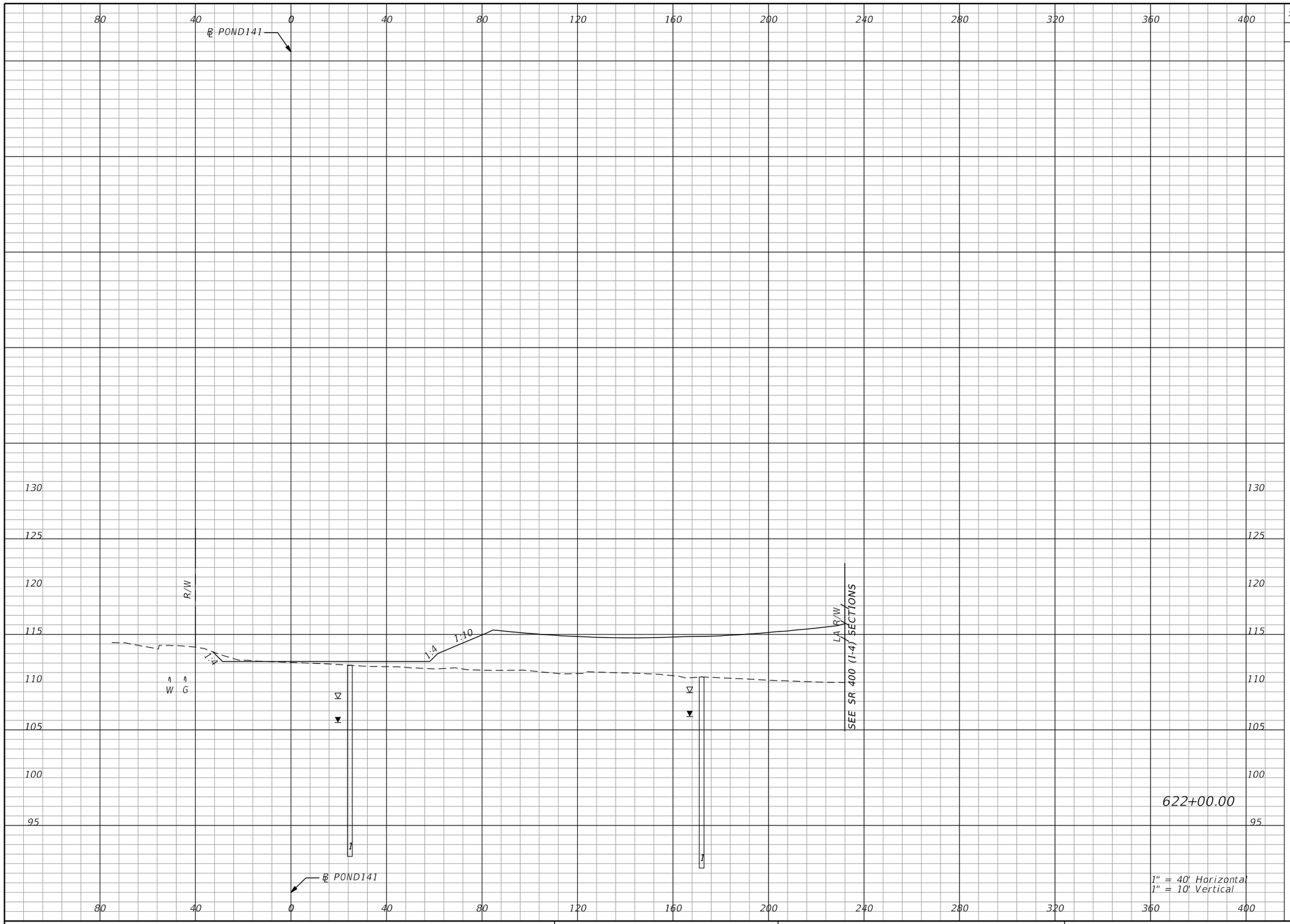

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	4.8	8.8	741.1	3932.3

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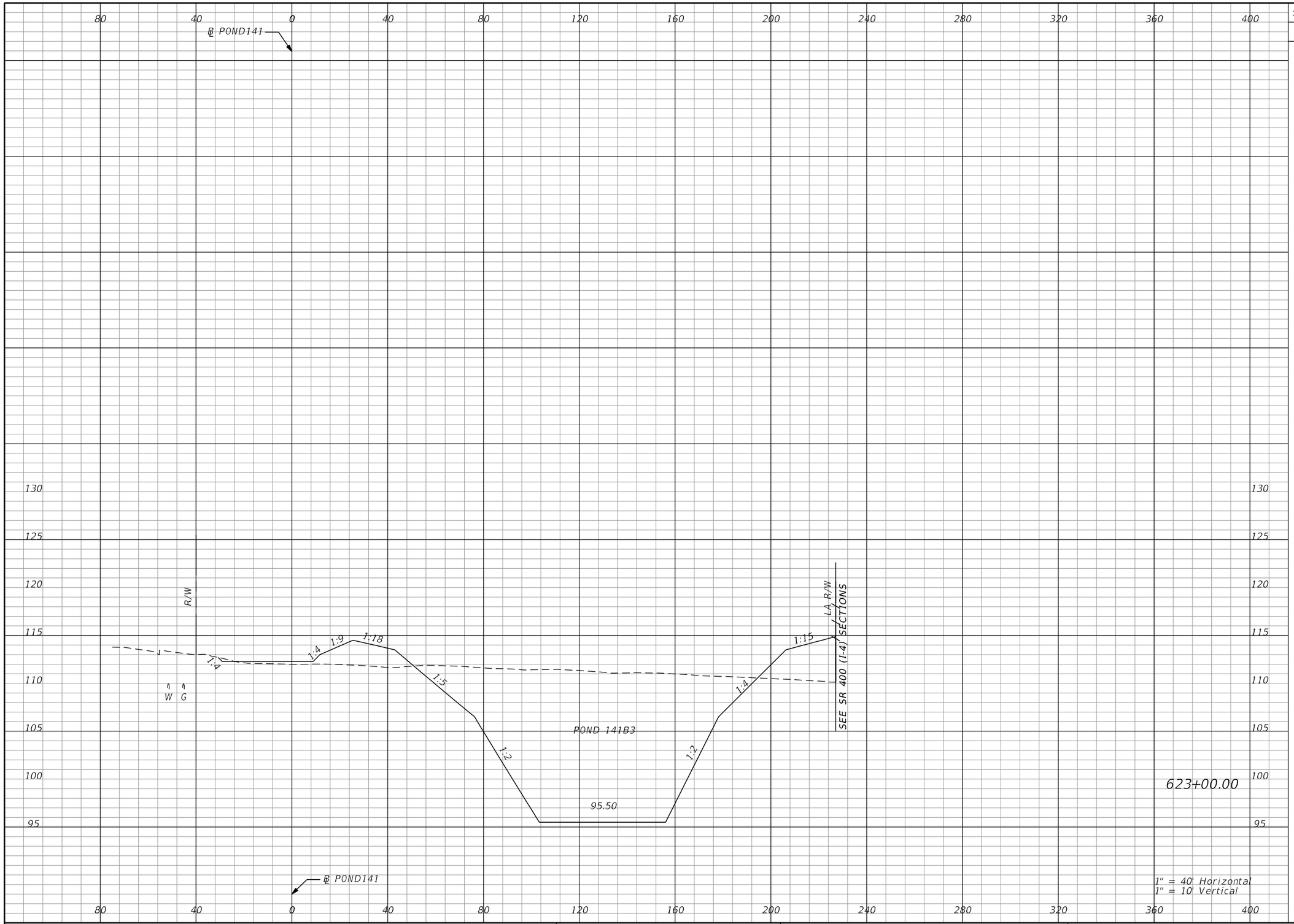
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B3 CROSS SECTIONS

SHEET NO. 532



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	1435.2	2666.6	179.9	1705.7

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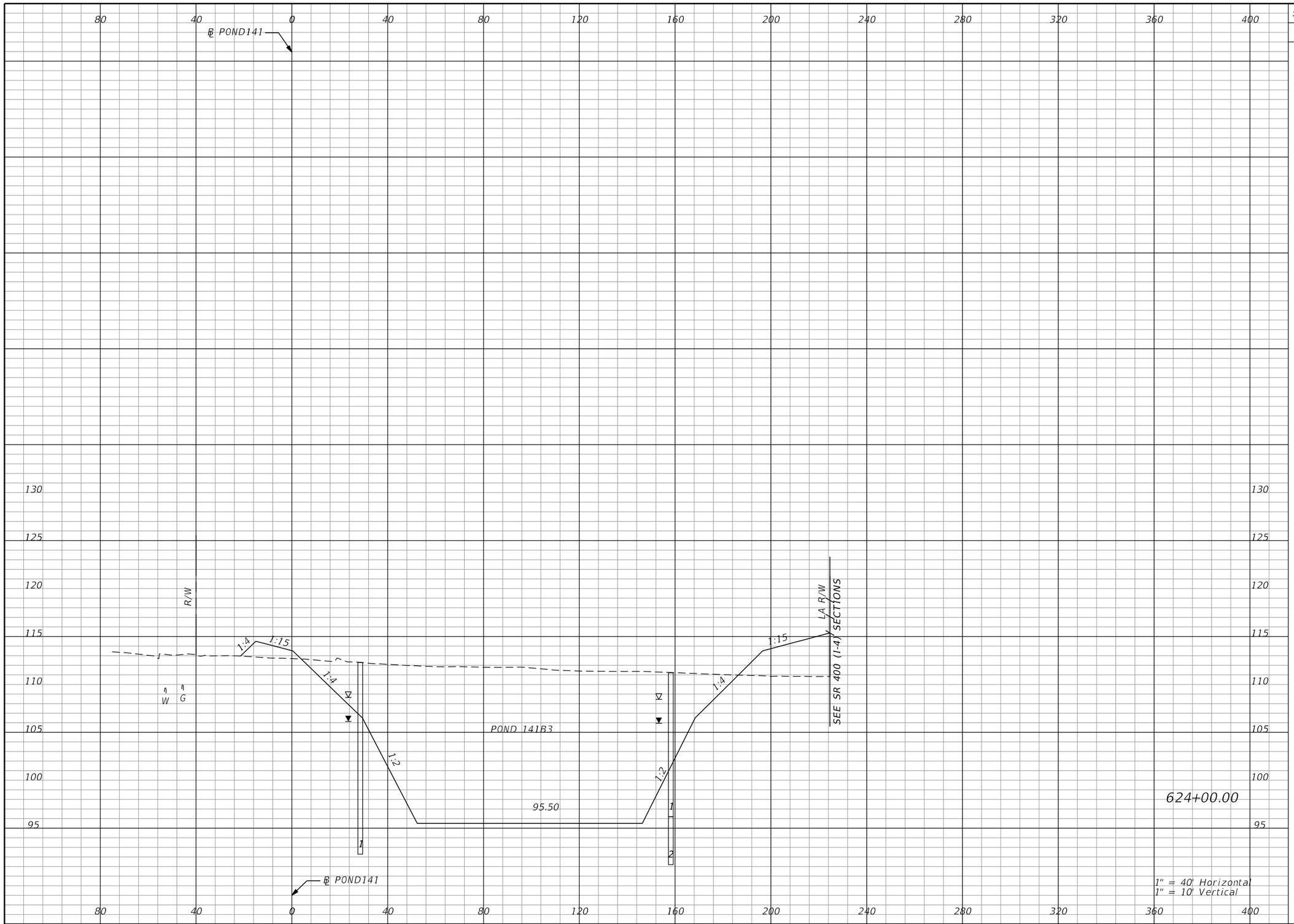
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B3 CROSS SECTIONS

SHEET NO. 533



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	2111.5	6567.9	139.9	592.4

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Tuy Duong, P.E.
P.E. License No. 66461
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www.aecom.com

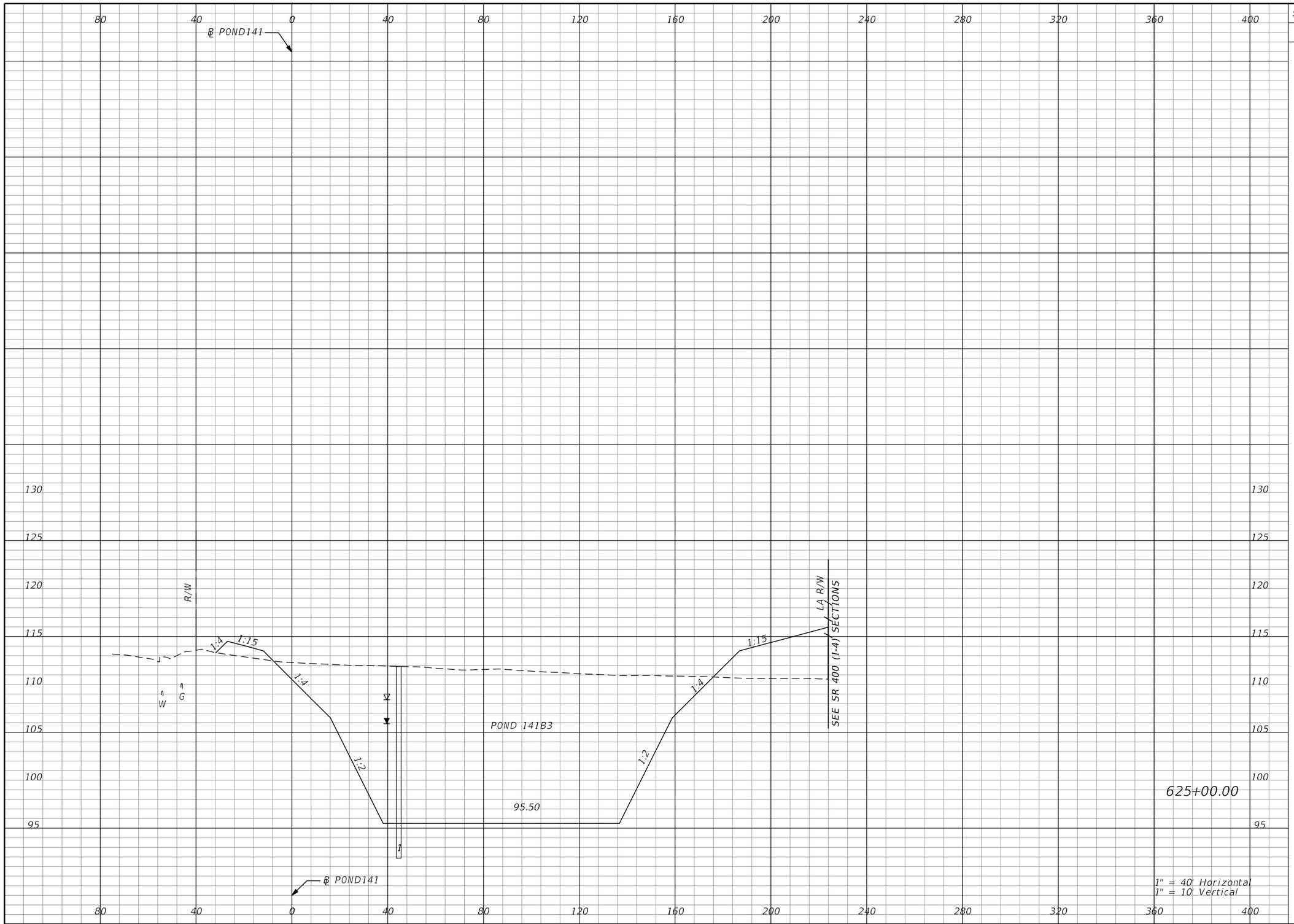
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B3 CROSS SECTIONS

SHEET NO. 534

glen.dvorovy 5/6/2020 5:16:10 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\PDXSRD01_PALM_PARKWAY_PONDS.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	2137.8	7869.1	190.8	612.5

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B3 CROSS SECTIONS

SHEET NO. 535

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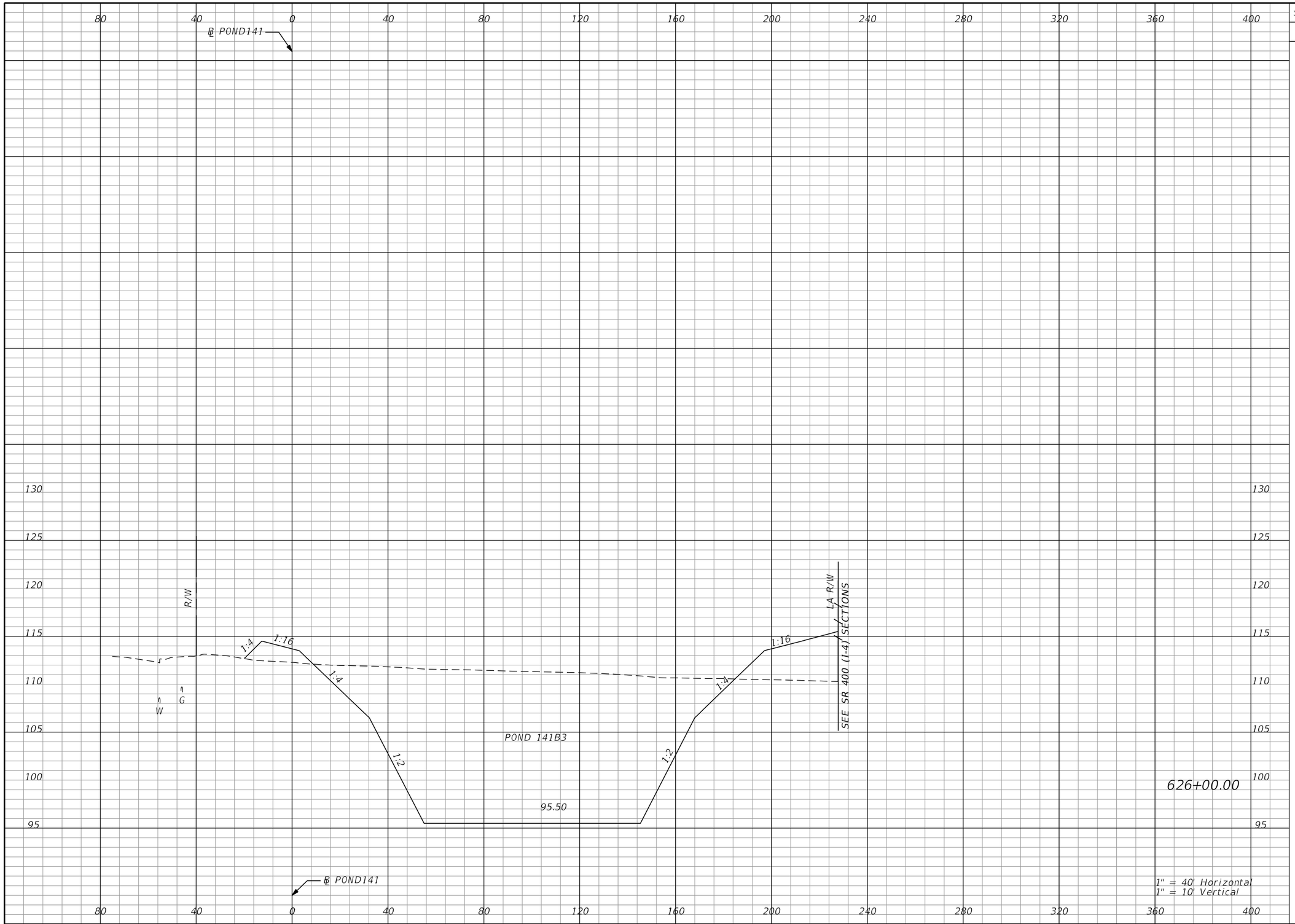

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	1988.7	7641.6	182.3	691.1

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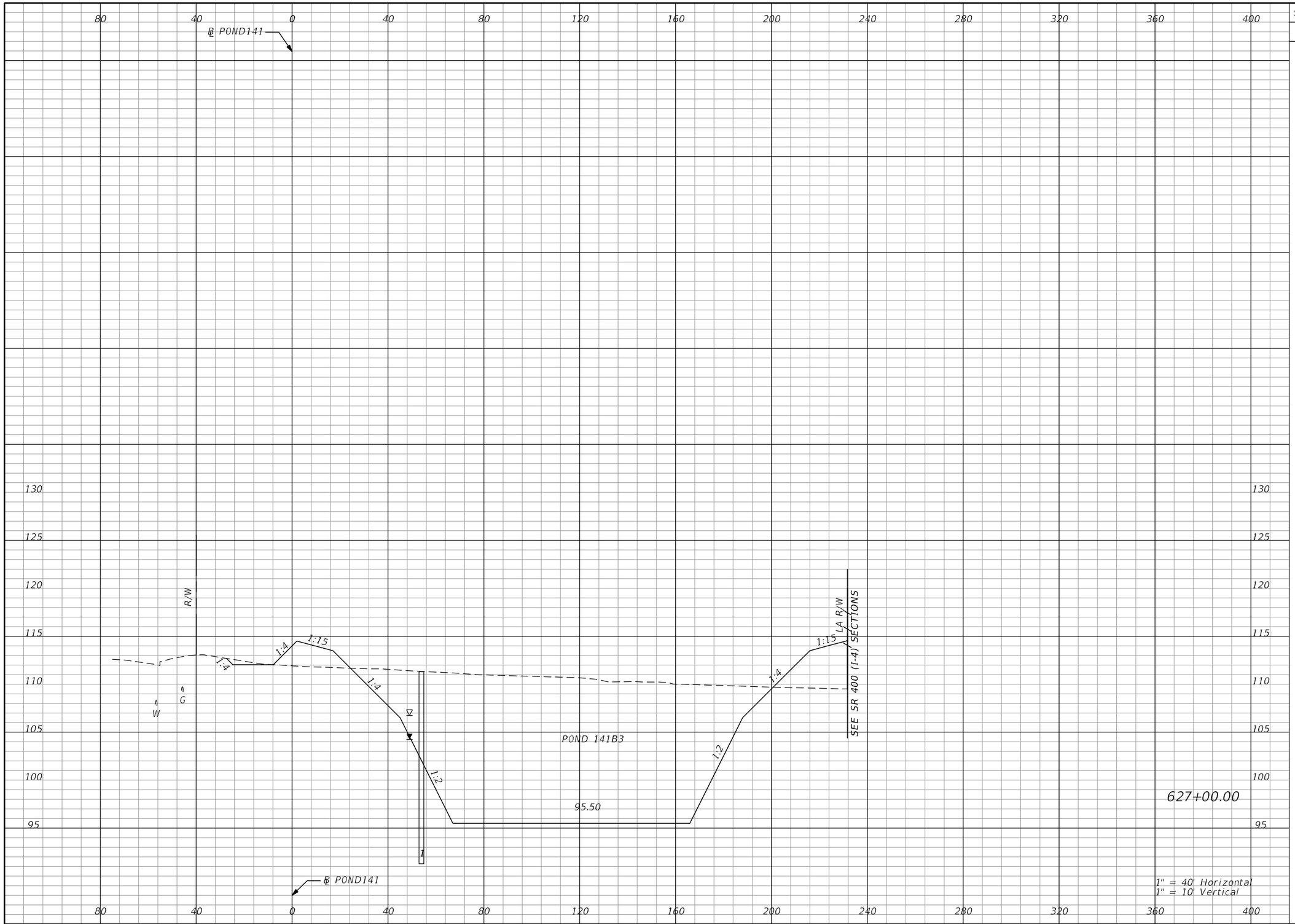
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B3 CROSS SECTIONS

SHEET NO. 536



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	1993.1	7373.6	152.1	619.3

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B3 CROSS SECTIONS

SHEET NO. 537

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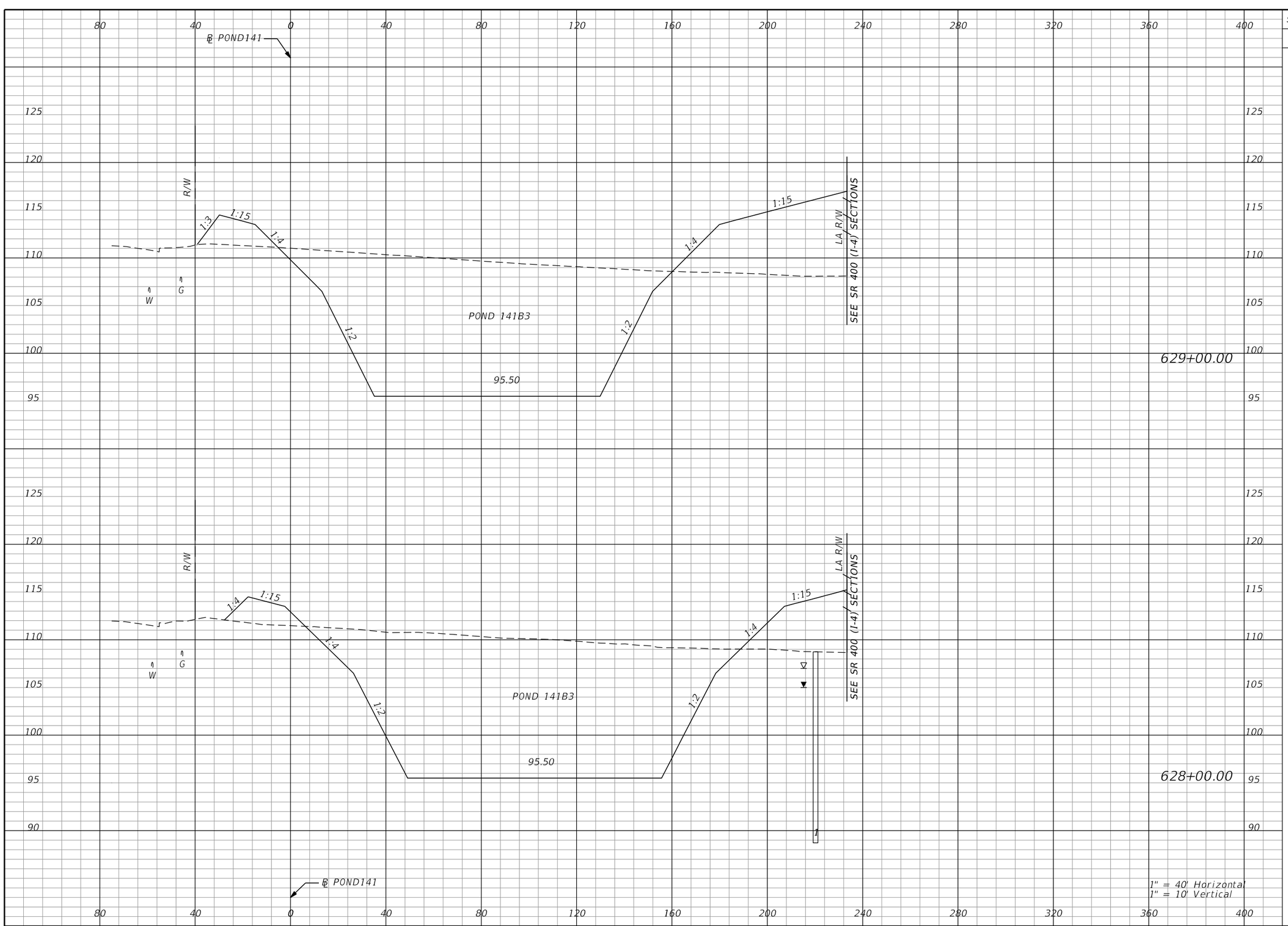

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		1771.3		491.0	
	0.0		7019.9		1368.5
0.0		2019.4		248.0	
	0.0		7430.6		740.9

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B3 CROSS SECTIONS

SHEET NO. 538

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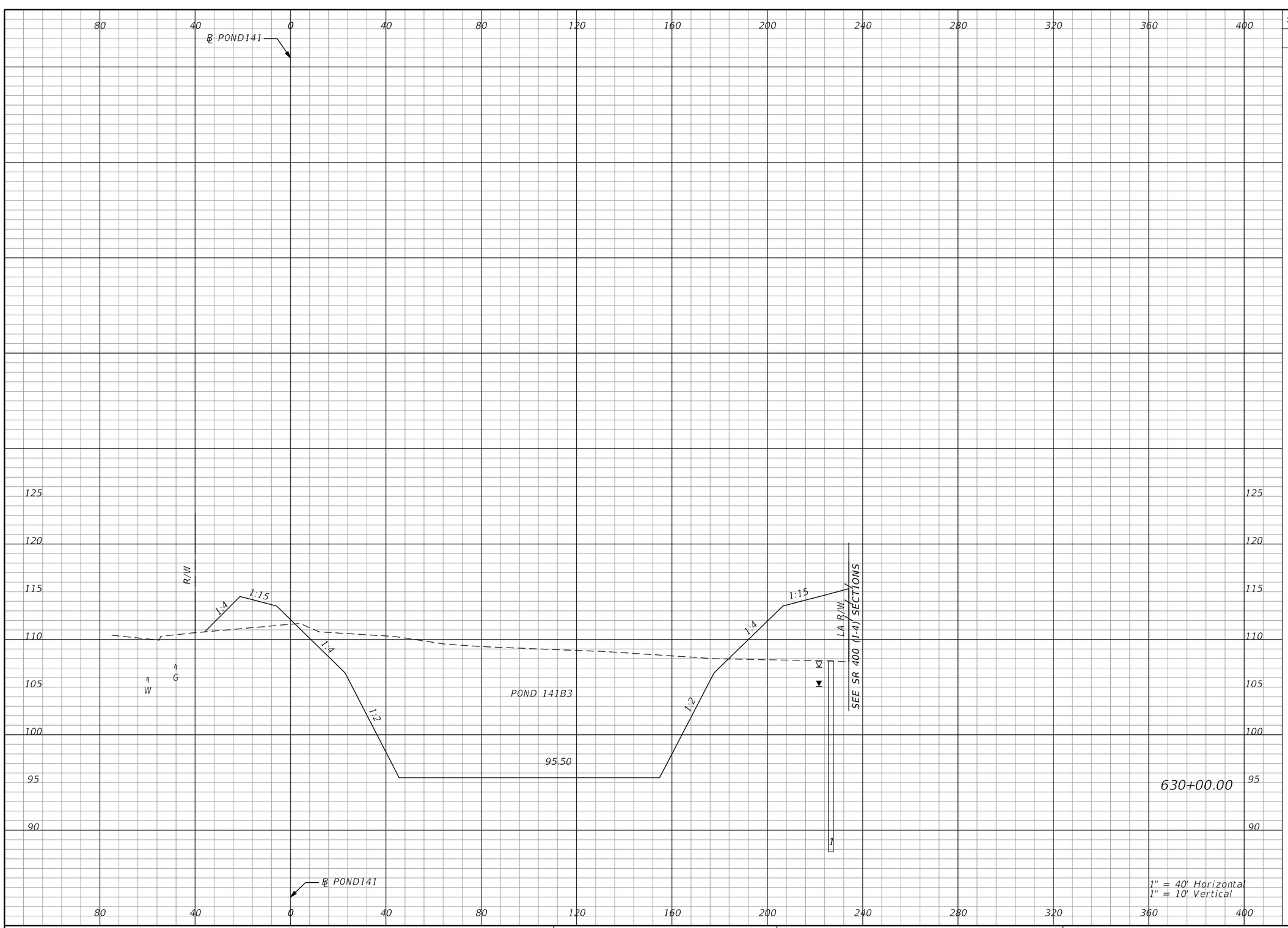

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	1909.6	6816.5	322.6	1506.6

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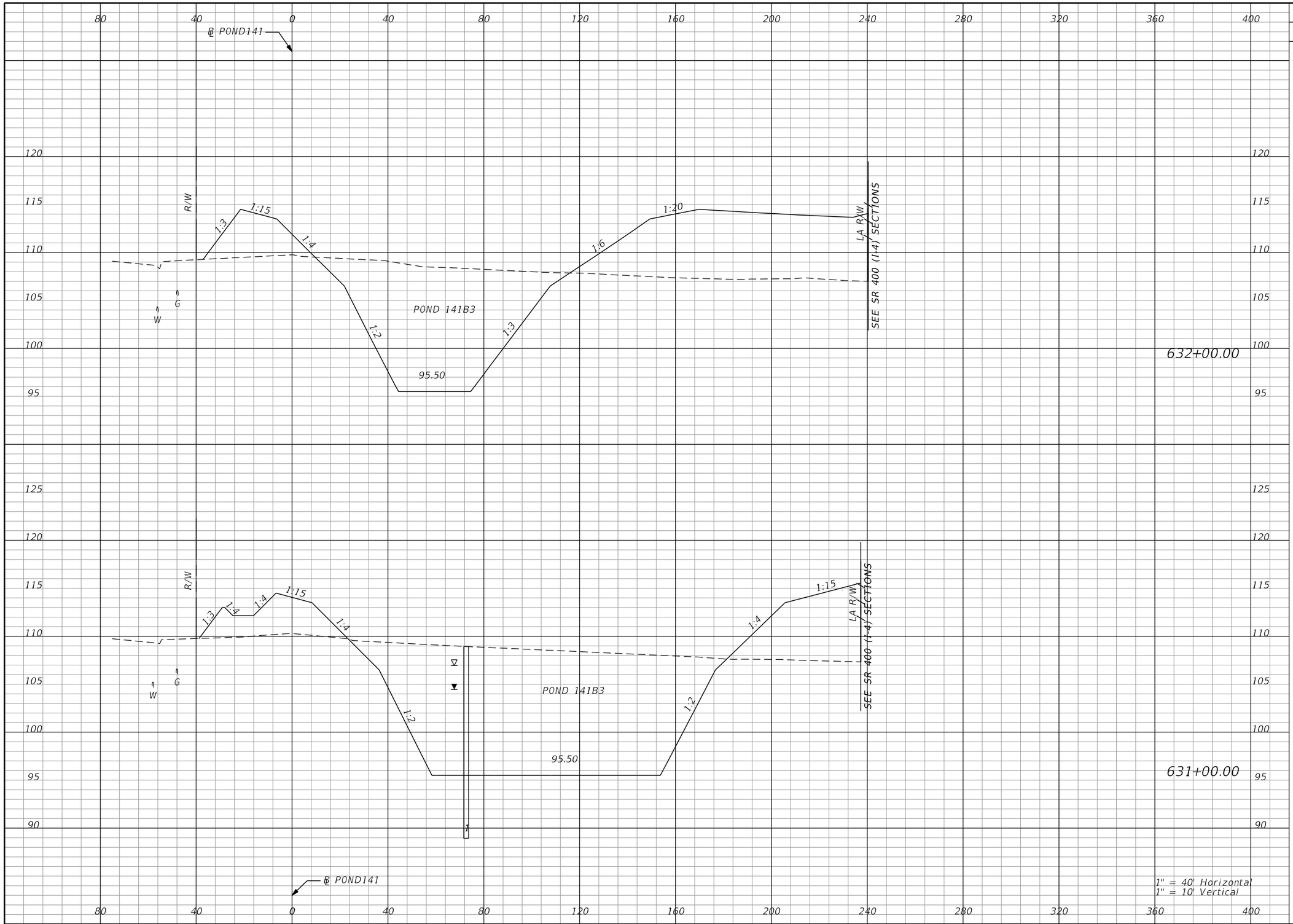
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B3 CROSS SECTIONS

SHEET NO. 539



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		837.0		852.0	
	0.0		4523.0		2420.9
0.0		1605.4		455.3	
	0.0		6509.3		1440.5

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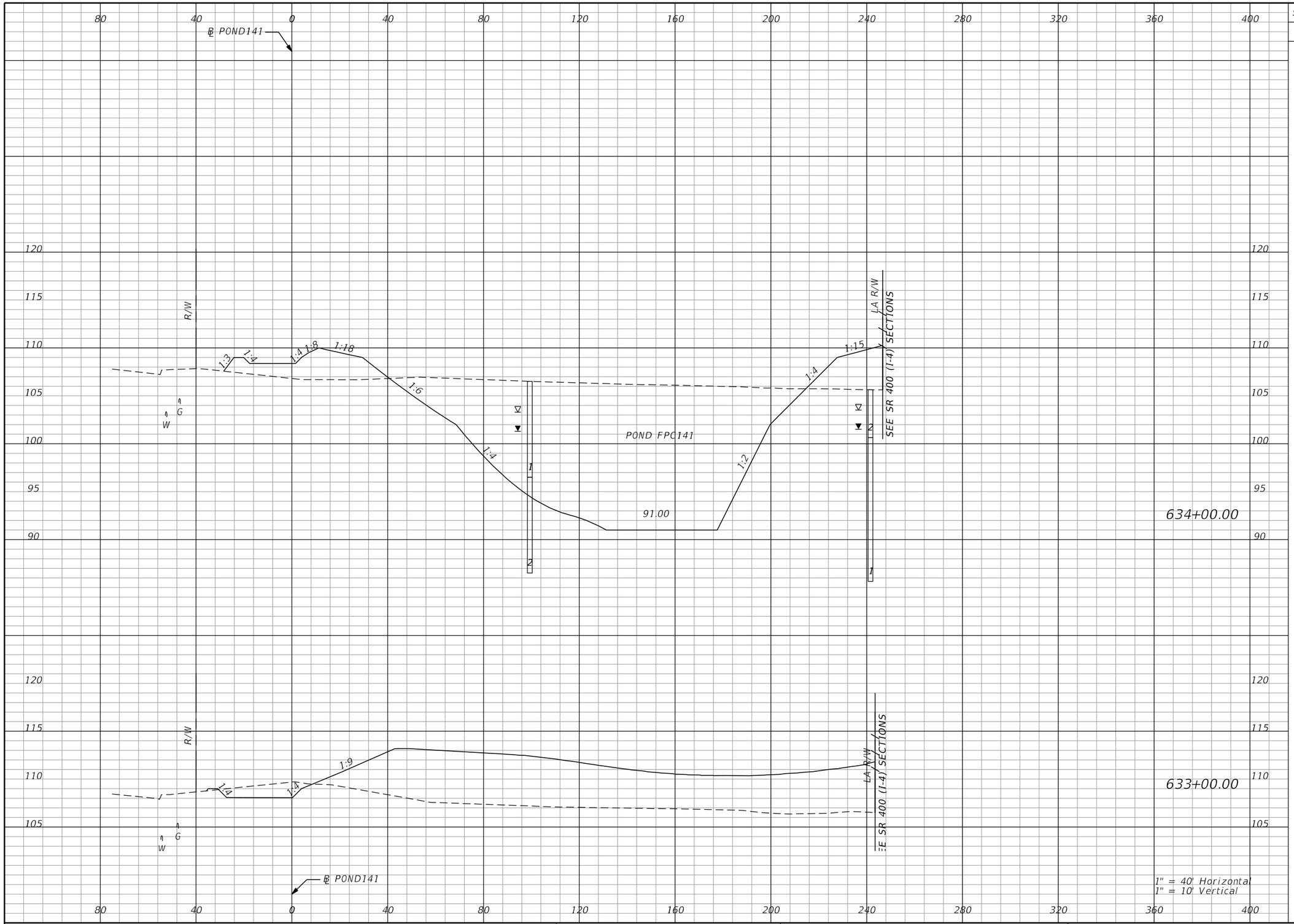
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B3 CROSS SECTIONS

SHEET NO. 540



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	1716.6	3257.7	225.3	2252.0
0.0	0.0	42.5	1628.7	990.8	3412.7

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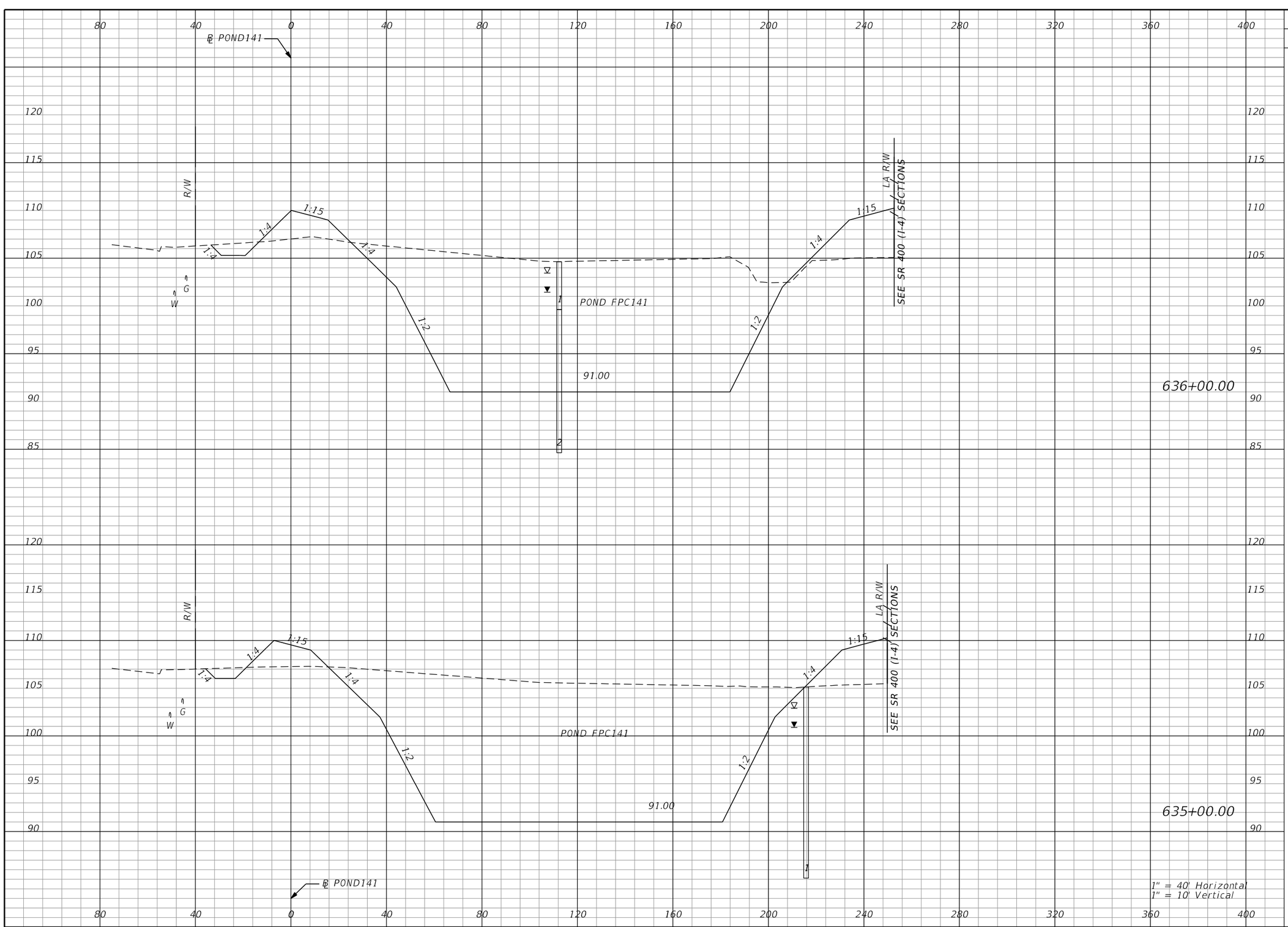
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND FPC141 CROSS SECTIONS

SHEET NO. 541

glen.dvorovy 5/6/2020 5:16:21 PM c:\pwworking\aecom_na\glen.dvorovy\d0166356\PDXSRD01_PALM_PARKWAY_PONDS.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		2052.7		190.6	
	0.0		8010.8		659.2
0.0		2273.1		165.3	
	0.0		7388.4		723.3

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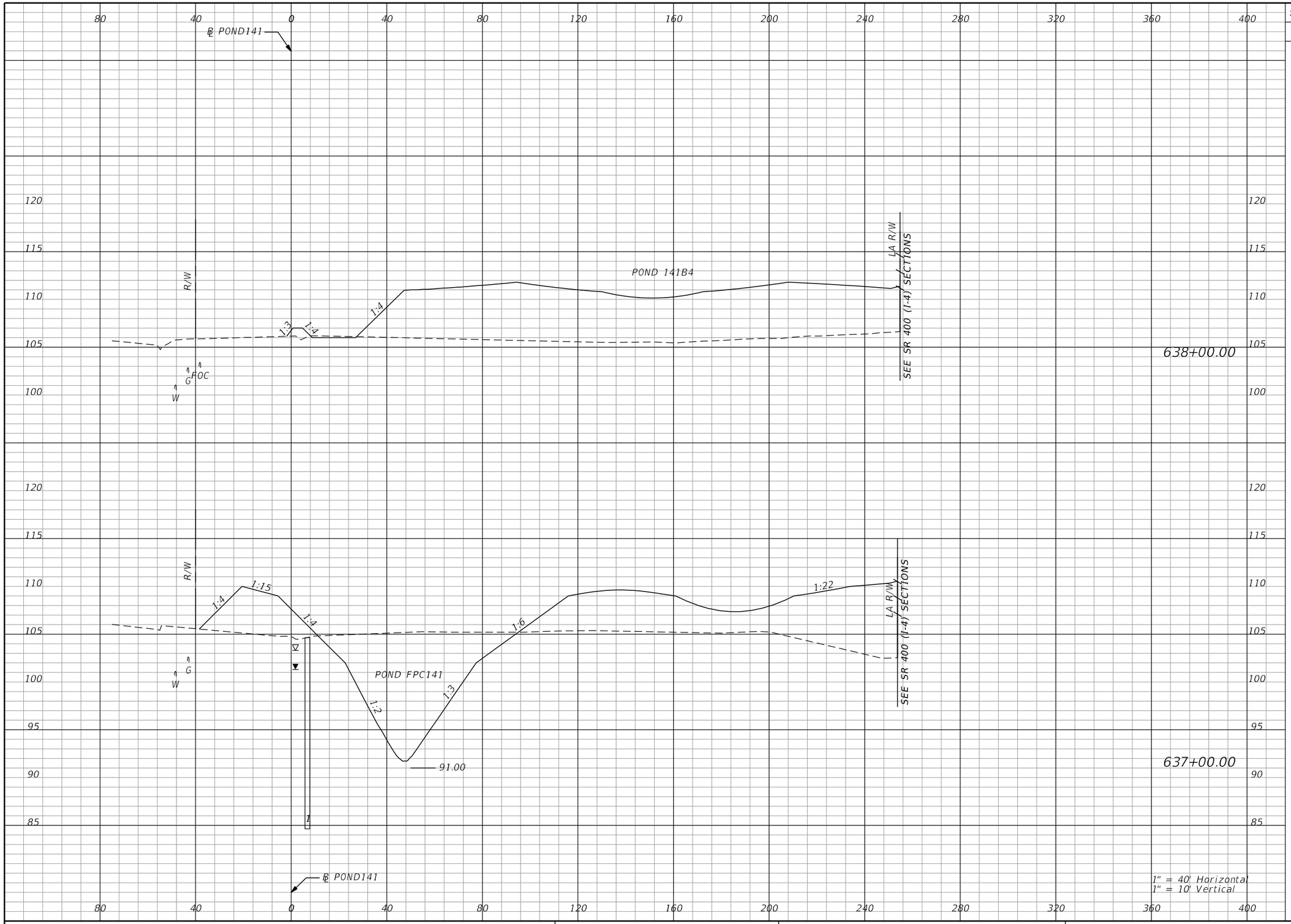
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND FPC141 CROSS SECTIONS

SHEET NO. 542



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	2.9	971.3	1154.9	3595.8
0.0	0.0	521.5	4767.2	786.9	1810.2

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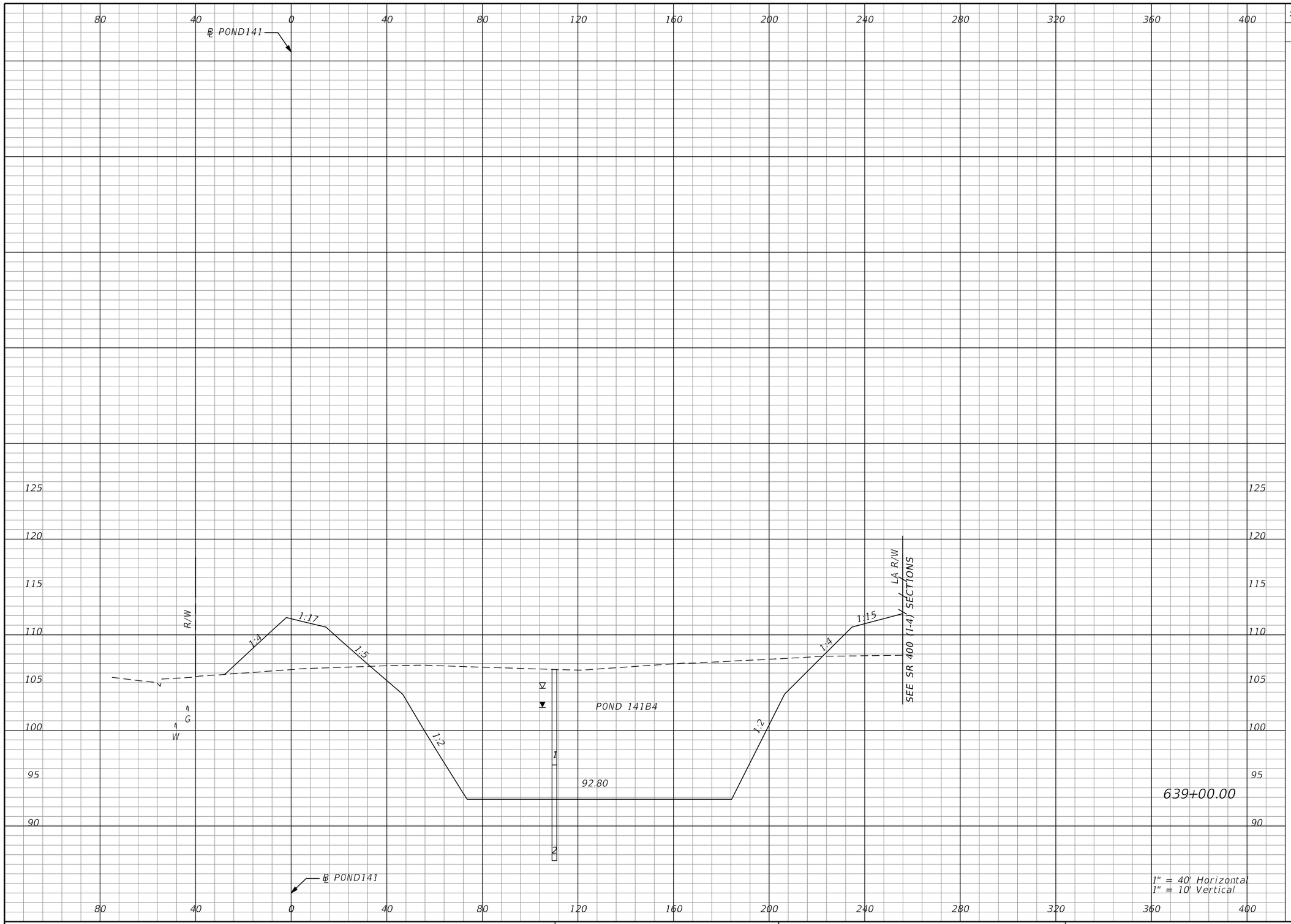
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND FPC141 & POND 141B4 CROSS SECTIONS

SHEET NO. 543



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	2016.6	3739.9	287.3	2670.6

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B4 CROSS SECTIONS

SHEET NO. 544

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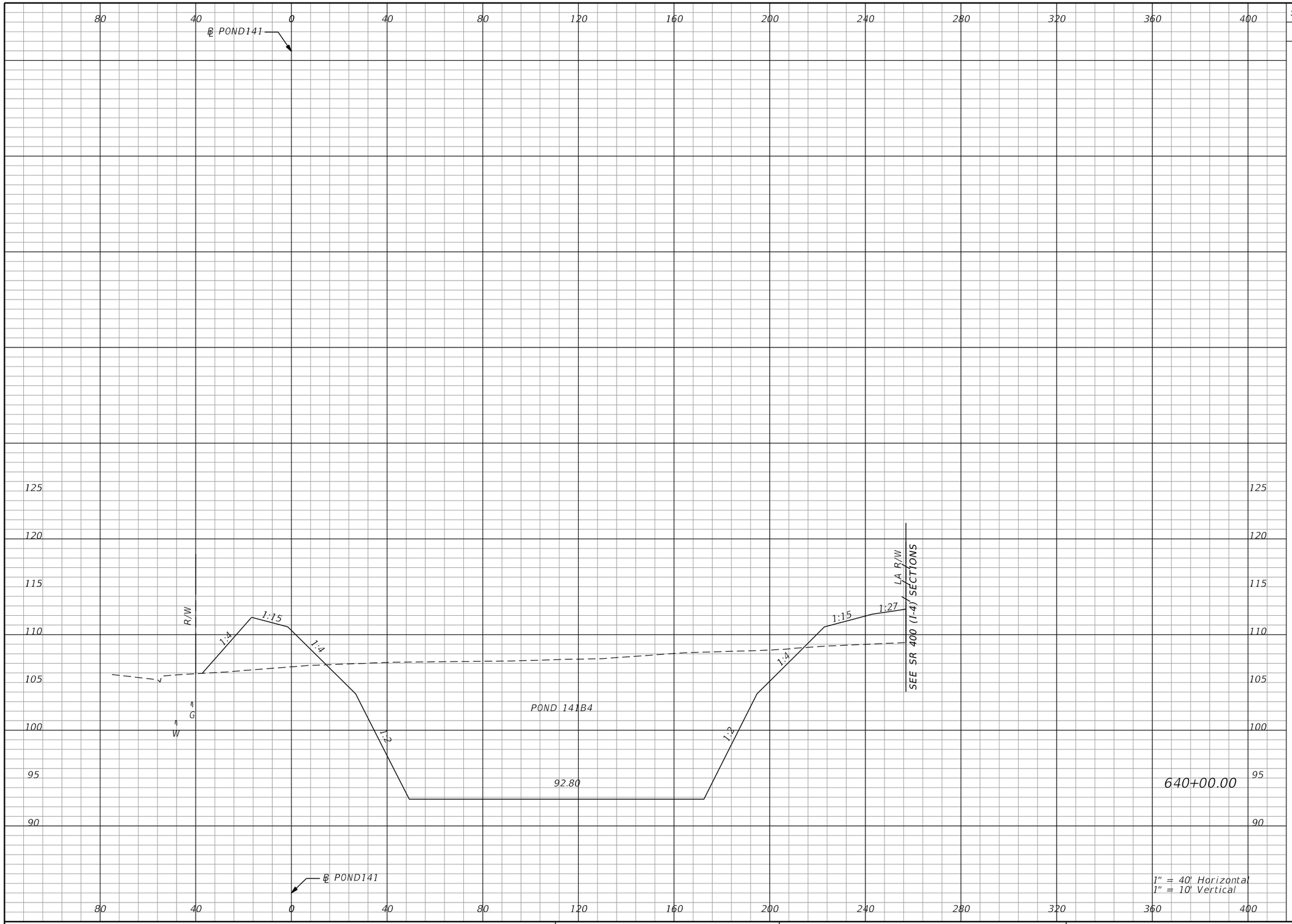

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	2288.2	7971.8	270.7	1033.3

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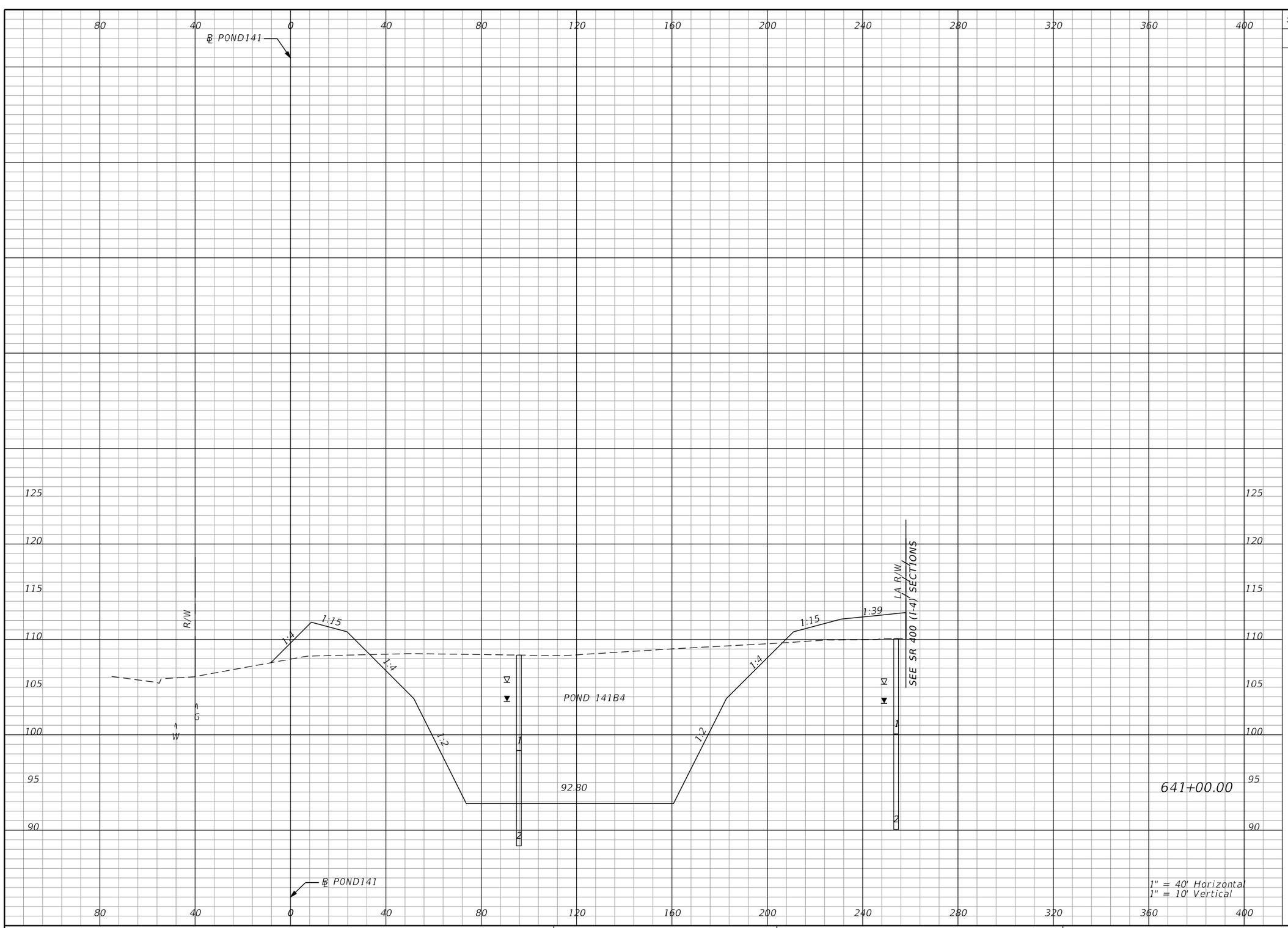
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B4 CROSS SECTIONS

SHEET NO. 545



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	1939.4	7828.9	187.3	848.1

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B4 CROSS SECTIONS

SHEET NO. 546

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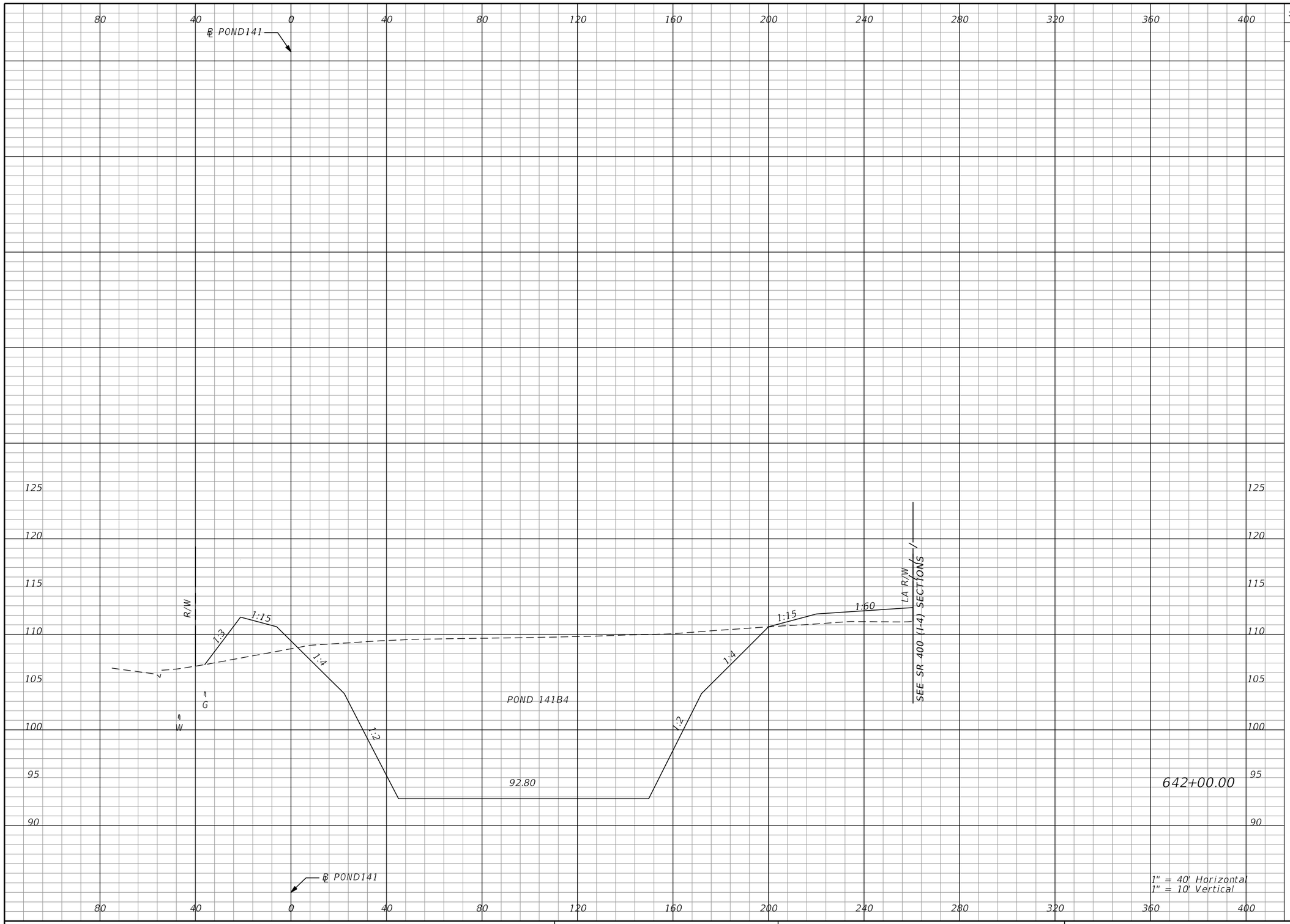

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	2422.8	8078.2	153.9	631.8

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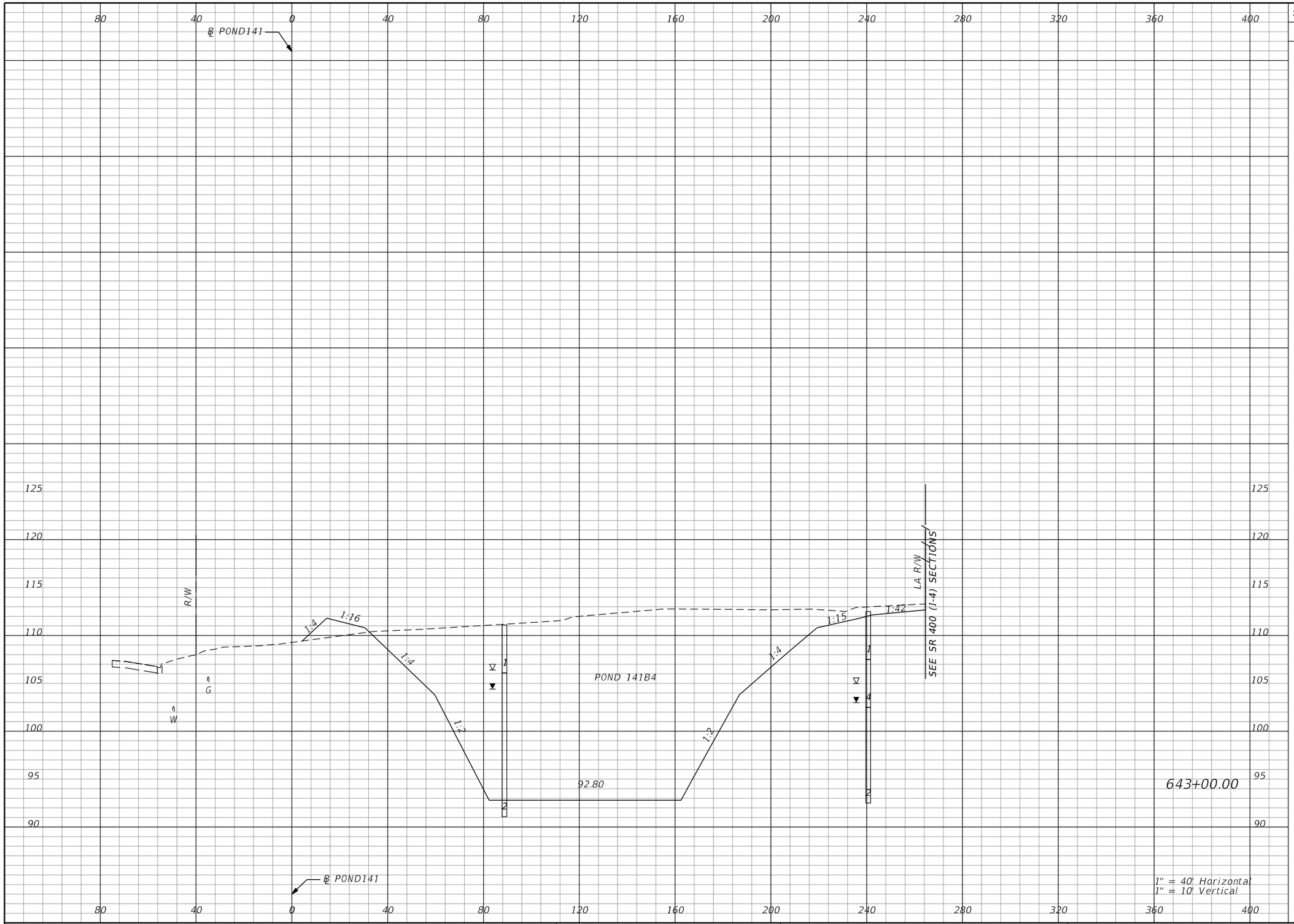
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B4 CROSS SECTIONS

SHEET NO. 547



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	2486.4	9091.1	31.3	343.0

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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B4 CROSS SECTIONS

SHEET NO. 548

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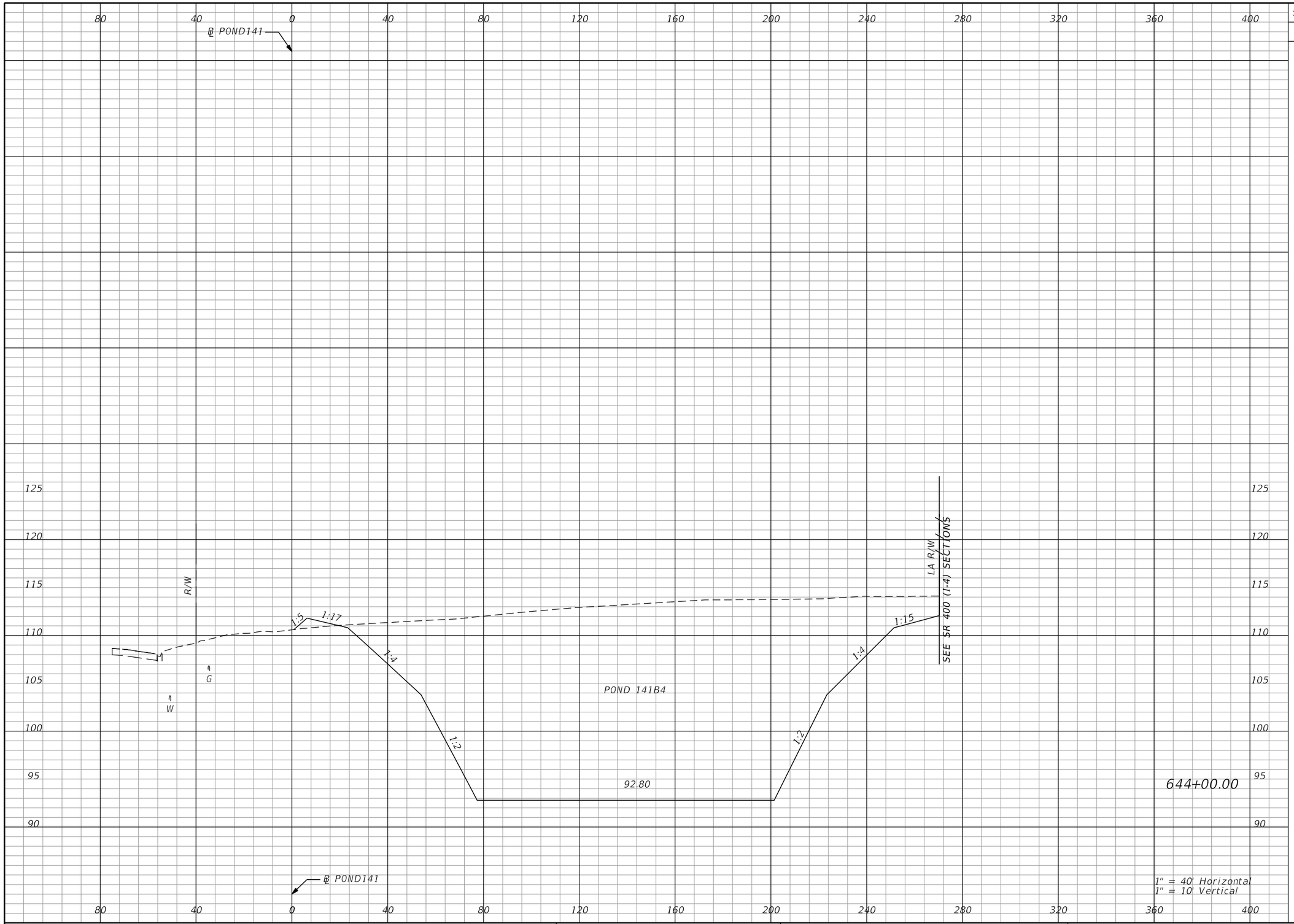

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0		3533.9		9.5	
	0.0		11148.7		75.5

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SR 400	ORANGE	441113-1-52-01

PALM PKWY POND 141B4 CROSS SECTIONS

SHEET NO. 549

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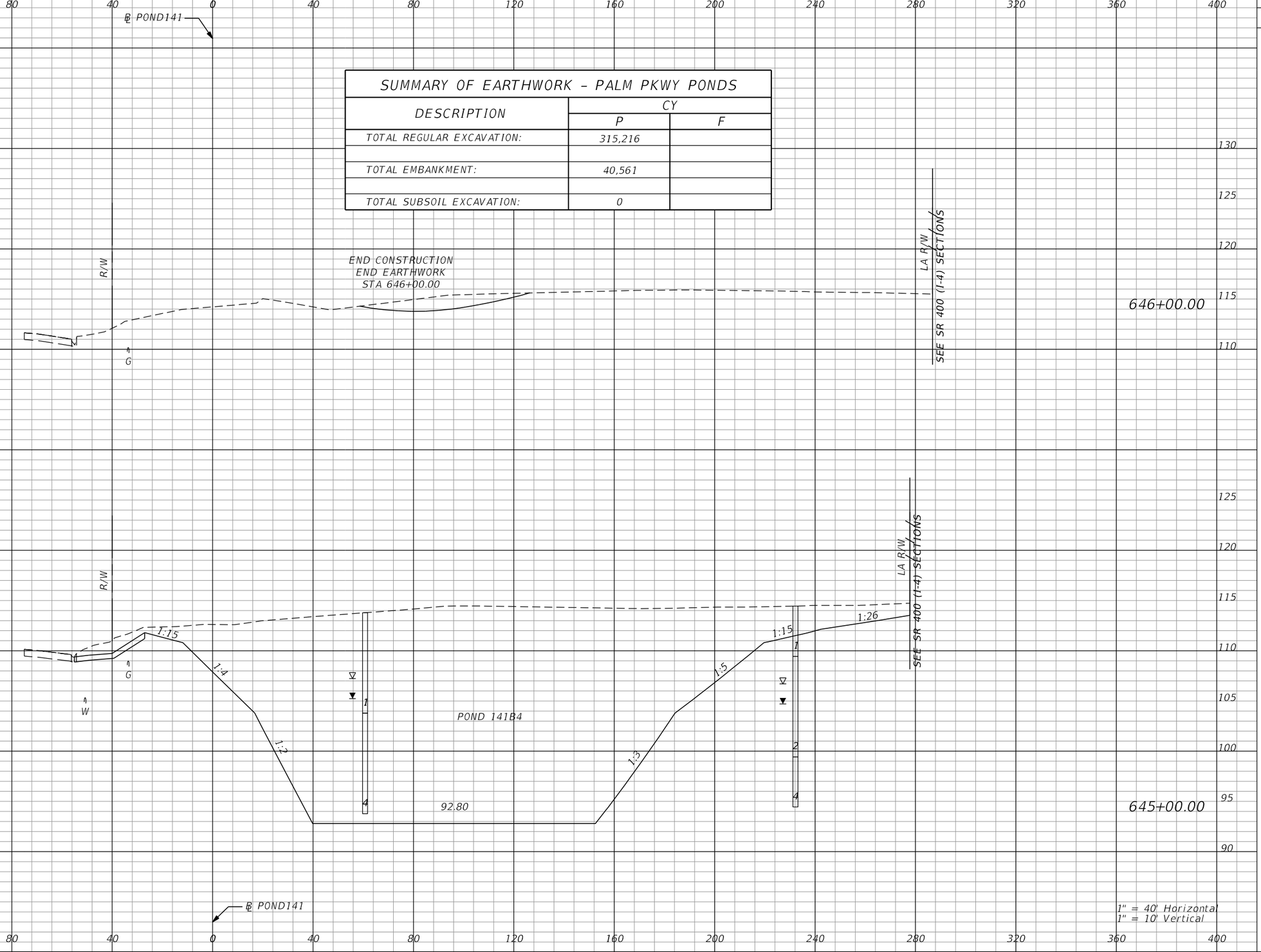
SUMMARY OF EARTHWORK – PALM PKWY PONDS

DESCRIPTION	CY	
	P	F
TOTAL REGULAR EXCAVATION:	315,216	
TOTAL EMBANKMENT:	40,561	
TOTAL SUBSOIL EXCAVATION:	0	



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	59.2	7163.3	0.0	0.0
0.0	0.0	3809.0	13598.0	0.0	17.6

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PALM PKWY POND 141B4 CROSS SECTIONS

SHEET NO. 550

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 3.05 MILE SEGMENT OF SR 400 (I-4), WHICH EXTENDS FROM MILEPOST 2.46 TO MILEPOST 5.509.

(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.
(d) PROVIDE INLET PROTECTION SYSTEMS AT INLET OPENINGS.
(e) COVER OR STABILIZE DISTURBED AREAS AS SOON AS POSSIBLE.
(f) FOR DITCH/SWALE CHECK DAMS DURING CONSTRUCTION.

(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: 188.13 ACRES.
TOTAL AREA TO BE DISTURBED: 110.54 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 (FT)
ARENTS, NEARLY LEVEL	A	
ARCHBOLD FINE SAND, 0 TO 5 PERCENT SLOPES	A	5
BASINGER FINE SAND, DEPRESSIONAL, 0-1 PERCENT SLOPES	A/D	2
CANDLER FINE SAND, 0-5 PERCENT SLOPES	A	
IMMOKALEE FINE SAND	B/D	1.5
ONA FINE SAND	B/D	1.5
ONA-URBAN LAND COMPLEX	B/D	
PITS		
POMELLO FINE SAND, 0 TO 5 PERCENT SLOPES	A	5
ST. JOHNS FINE SAND	B/D	3.5
ST. LUCIE FINE SAND		

(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	82.17	28°22'49" N	81°30'09" W	NO
RUBY LAKE	RUBY LAKE	0.55	28°23'41" N	81°29'23" W	NO
LAKE WILLIS	LAKE WILLIS	15.73	28°24'05" N	81°28'55" W	NO
BIG SAND LAKE 1	SANDLAKE	78.20	28°24'29" N	81°28'59" W	NO
BIG SAND LAKE 2	SANDLAKE	5.01	28°24'37" N	81°28'35" W	NO
VALENCIA WATER CONTROL DISTRICT	VWCD	14.88	28°24'33" N	81°28'31" W	NO

(9) WETLAND AND/OR SURFACE WATER IMPACTS:
ESTIMATED TOTAL WETLAND IMPACTS = 2.50 AC.
ESTIMATED TOTAL SURFACE WATER IMPACTS = 6.74 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.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 551

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	441113-1-52-01

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 552

(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, RANDY STAFFORD, AT (386) 943–5395.

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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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 553

TEMPORARY TRAFFIC CONTROL GENERAL NOTES

1. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH FDOT DESIGN STANDARDS INDEX 600 SERIES, THE FDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, THE FHWA "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND AS SHOWN IN THE PLANS.

2. LANES SHALL BE PROPERLY DELINEATED DURING ALL PHASES OF CONSTRUCTION.

3. TEMPORARY LANE CLOSURES WILL NOT BE PERMITTED DURING THE FOLLOWING PEAK HOURS:

ROAD	SINGLE LANE CLOSURE	DUAL LANE CLOSURE
EB SR 400 (I-4)	6:30 AM TO 9:00 PM	5:30 AM TO 11:00 PM
WB SR 400 (I-4)	6:30 AM TO 8:00 PM	6:00 AM TO 12:30 AM
EB DARYL CARTER PKWY	6:00 AM TO 9:00 AM 4:00 PM TO 7:00 PM	N/A
WB DARYL CARTER PKWY	6:00 AM TO 9:00 AM 4:00 PM TO 7:00 PM	N/A
NB PALM PKWY	NO RESTRICTIONS	N/A
SB PALM PKWY	NO RESTRICTIONS	N/A
WB CENTRAL FLA PKWY	6:30 AM TO 10:00 PM	N/A
EB CENTRAL FLA PKWY	7:30 AM TO 7:30 PM	N/A

COMPLETE AND SUBMIT THE ANTICIPATED LANE CLOSURE FORM TO THE ENGINEER 14 DAYS PRIOR TO PROPOSED LANE CLOSURES. ALLOWABLE LANE CLOSURE TIMES SHALL INCLUDE THE TIME FOR LANCE CLOSURE SET UPS AND REMOVAL TIME.

4. PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT FOR THE DURATION OF CONSTRUCTION, IN A LOCATION APPROVED BY THE ENGINEER.

   THE DISPLAYS ARE AS FOLLOWS:

   I-4:
   DISPLAY 1 - ROAD WORK AHEAD
   DISPLAY 2 - MM/DD TO MM/DD

   DARYL CARTER PARKWAY:
   DISPLAY 1 - ROAD WORK AHEAD
   DISPLAY 2 - MM/DD TO MM/DD

5. PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) SHALL BE USED DURING LANE CLOSURES. THE PCMS SHALL BE PLACED APPROXIMATELY 1/2 MILE IN ADVANCE OF THE FIRST WORK ZONE SIGNS, IN A LOCATION APPROVED BY THE ENGINEER.

   THE DISPLAYS ARE AS FOLLOWS:

   I-4:
   DISPLAY 1 - LANE CLOSED AHEAD
   DISPLAY 2 - MERGE LT/RT

   DARYL CARTER PARKWAY:
   DISPLAY 1 - LANE CLOSED AHEAD
   DISPLAY 2 - MERGE LT/RT

6. HEAVY TRAFFIC CONDITIONS, ACCIDENTS, AND ANY OTHER UNFORESEEN EMERGENCY MAY REQUIRE REMOVAL OR RESTRICTION OF ANY LANE CLOSURE. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS WITHOUT DELAY AT THE DIRECTION OF THE ENGINEER.

7. A UNIFORMED OFF-DUTY LAW ENFORCEMENT OFFICER WITH MARKED VEHICLE SHALL BE PROVIDED DURING THE SETUP AND REMOVAL OF ALL LANE CLOSURE OPERATIONS.

8. INSTALL TRAFFIC CONTROL DEVICES AND SIGNING PRIOR TO COMMENCEMENT OF THE APPLICABLE PHASE OF CONSTRUCTION OPERATION.

9. MAINTAIN EXISTING REGULATORY SIGNS, GUIDE SIGNS, SPEED LIMIT SIGNS, AND PAVEMENT MARKINGS AT ALL TIMES WHERE APPLICABLE. CONFLICTING SIGNS ARE TO BE REMOVED/REPLACED OR COVERED. CONFLICTING PAVEMENT MARKINGS ARE TO BE REMOVED AND REPLACED.

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP GENERAL NOTES

SHEET NO. 554

PHASE 1

PHASE 1-STAGE 1
SR 400 (I-4)
- OVERBUILD INSIDE WB I-4 SHOULDER, REFER TO PHASE 1-STAGE 2 TYPICAL SECTIONS FOR GRADING SCHEMES
- SHIFT WB I-4 TRAFFIC TOWARD THE MEDIAN.
-SHIFT RAMP IA_CFP TRAFFIC TO THE OUTSIDE.
- CONSTRUCT PONDS C (ONLY PORTION AS SHOWN), 140B3 (EXCEPT THE PORTION OF THE MAINTENANCE BERM ADJACENT TO THE RETAINING WALL ALONG RAMP D_DCP), 141B2, 141B3, 141B4, FPC 141, 142B AND ASSOCIATED OUTFALL STRUCTURES/ PIPE.
- UTILIZE PHASE 1- STAGES A, B, & C TO INSTALL POND 142B OUTFALL STRUCTURES/ PIPE ACROSS PALM PKWY AND IN ITS MEDIAN.
- CONSTRUCT CROSS DRAIN AT STA 676+60.
- CONSTRUCT DIVERSIONS 1 AND 2 AND ASSOCIATED TEMPORARY DRAINAGE STRUCTURES.
- INSTALL LATERAL DITCH 2 AND STORM SEWER ASSOCIATED WITH THE BIG SAND LAKE OUTFALL SYSTEM ADJACENT TO CENTRAL FLORIDA PKWY.
- CONTRACTOR TO REESTABLISH EXISTING DRAINAGE PATTERNS TO AVOID TRAPPING WATER ALONG WB I-4 AS IT IS AN EXISTING POND OUTFALL (WEST OF BL SURVEY SR 400 (I-4) 655+00).

DARYL CARTER PKWY (DCP)
- SHIFT EB AND WB DCP TRAFFIC TOWARDS THE OUTSIDE.
- REMOVE EXISTING TRAFFIC SEPARATOR AND CONNECT BRIDGE DECKS.
- CONSTRUCT MEDIAN BARRIERS/SIDEWALK.
- CONSTRUCT APPROACH MEDIANS.
- UTILIZE LANE CLOSURES FOR ALL BRIDGE WORK OVER I-4 TRAVEL LANES.

PHASE 1-STAGE 2
SR 400 (I-4)
- OPEN DIVERSION 2.
  - CONSTRUCT RAMP D_DCP FROM DCP TIE-IN TO END.
- CONSTRUCT IWBCD2 FROM RAMP D_DCP GORE TO END.
- CONSTRUCT RAMP ISLIP1 AND ASSOCIATED AUXILIARY LANE.
- CONSTRUCT ISLIP2 FROM IWBCD2 GORE TO STA 208+65.
- CONSTRUCT WB I-4 OUTSIDE SHOULDER FROM THE ISLIP1 GORE TO STA 664+84.
- CONSTRUCT PONDS 140B1, 140B2, AND THE REMAINDER OF POND 140B3.

DARYL CARTER PARKWAY (DCP)
- SHIFT WB DCP TRAFFIC TOWARDS THE MEDIAN.
- EB DCP TRAFFIC TO REMAIN AS IN PHASE 1-STAGE 1.
- CLOSE EXISTING SIDEWALK ON NORTH SIDE OF DCP BETWEEN REGENCY VILLAGE DRIVE AND PALM PARKWAY.
- DETOUR PEDESTRIAN TRAFFIC TO EXISTING SIDEWALK ON SOUTH SIDE OF DCP BETWEEN REGENCY VILLAGE DR. AND PALM PKWY.
- REMOVE EXISTING WB BRIDGE SIDEWALK/RAILING (NORTH SIDE).
- CONSTRUCT PROPOSED EB DCP SHOULDER AND BRIDGE RAILING (NORTH SIDE).
- WIDEN NORTH SIDE OF WB DCP.
- CONSTRUCT MAST ARMS AT THE DCP/RAMP D_DCP INTERSECTION.
- UTILIZE LANE CLOSURES FOR ALL BRIDGE WORK OVER I-4 TRAVEL LANES.

PHASE 1-STAGE 3
- REMOVE EXISTING TRAFFIC SEPARATOR ON CENTRAL FLORIDA PARKWAY (CFP) AND INSTALL SIGNAGE, TEMPORARY SIGNALS, AND TEMPORARY PAVEMENT MESSAGES TO DIVERT WB CFP TRAFFIC FROM THE EXISTING FLYOVER TO DIVERSION 1.
- CONSTRUCT RAMPS IA_CFP AND IC_CFP.
- REMOVE DIVERSION 2 AND TEMPORARY DRAINAGE STRUCTURES.
- EB AND WB DCP TRAFFIC TO REMAIN AS IN PHASE 1-STAGE 2.

PHASE 1-STAGE 4
- REPLACE TRAFFIC SEPARATOR ON CFP.
- REOPEN THE EXISTING FLYOVER AND REROUTE TRAFFIC ONTO RAMPS IA_CFP AND IC_CFP.
- CONSTRUCT THE WB I-4 OUTSIDE SHOULDER FROM STA 664+84 TO STA 682+00.
- CONSTRUCT THE REMAINDER OF ISLIP2 AND ASSOCIATED AUXILIARY LANE.
- REMOVE DIVERSION 1 AND TEMPORARY DRAINAGE STRUCTURES.
- EB AND WB DCP TRAFFIC TO REMAIN AS IN PHASE 1- STAGE 2.

PHASE 2

PHASE 2-STAGE 1
SR 400 (I-4)
- OVERBUILD INSIDE WB I-4 SHOULDER, REFER TO PHASE 1-STAGE 2 TYPICAL SECTIONS FOR GRADING SCHEMES
- SHIFT EB I-4 TRAFFIC TOWARD THE MEDIAN.
- CONSTRUCT REMAINDER OF POND C.
- CONSTRUCT RAMPS IB_DCP AND IC_DCP AND ASSOCIATED AUXILIARY LANES.
- CONSTRUCT AUXILIARY LANE ON EB I-4 BETWEEN SR 535 AND THE RAMP IC1_535/EB I-4 GORE.
- CONSTRUCT AUXILIARY LANE ON EB I-4 FOR RAMPS IC1_535 AND IB_CFP.

DARYL CARTER PKWY (DCP)
- SHIFT EB DCP TRAFFIC TOWARDS THE MEDIAN.
- WB DCP TRAFFIC TO REMAIN AS IN PHASE 1-STAGE 2.
- CLOSE EXISTING SIDEWALK ON SOUTH SIDE OF DCP BETWEEN REGENCY VILLAGE DR. AND PALM PARKWAY.
- DETOUR PEDESTRIAN TRAFFIC TO EXISTING SIDEWALK ON NORTH SIDE OF DCP AND THE EXISTING OUTSIDE WB LANE BETWEEN REGENCY VILLAGE DR. AND PALM PKWY.
- REMOVE EXISTING EB BRIDGE SIDEWALK/RAILING (SOUTH SIDE).
- CONSTRUCT PROPOSED WB DCP SHOULDER AND BRIDGE RAILING (SOUTH SIDE).
- CONSTRUCT MAST ARMS AT THE DCP/RAMP IB_DCP INTERSECTION.
- UTILIZE LANE CLOSURES FOR ALL BRIDGE WORK OVER I-4 TRAVEL LANES.

PHASE 2-STAGE 2
DARYL CARTER PKWY (DCP)
- REVISE PEDESTRIAN DETOUR ON NORTH SIDE OF DCP.
- SHIFT EB AND WB DCP TRAFFIC TO FINAL CONFIGURATION UTILIZING SIGNALIZATION.
- CONSTRUCT MEDIAN ISLAND AND SIDEWALK FROM STA 108+00 TO STA 109+60 (RT).
- CONSTRUCT THE REMAINDER OF THE MEDIAN ISLAND AND SIDEWALK AT THE DCP/RAMP IB_DCP INTERSECTION.

PHASE 2-STAGE 3
DARYL CARTER PKWY (DCP)
- EB AND WB DCP TRAFFIC TO REMAIN AS IN PHASE 2-STAGE 2.
- DETOUR PEDESTRIAN TRAFFIC UTILIZING THE EXISTING SIDEWALK ON SOUTH SIDE OF DCP, MEDIAN ISLAND SIDEWALKS, MEDIAN SIDEWALK, AND TEMPORARY CROSSWALKS.
- CONSTRUCT REMAINDER OF THE MEDIAN ISLAND AND SIDEWALK AT THE DCP/RAMP D_DCP AND DCP/RAMP IC_DCP INTERSECTIONS.

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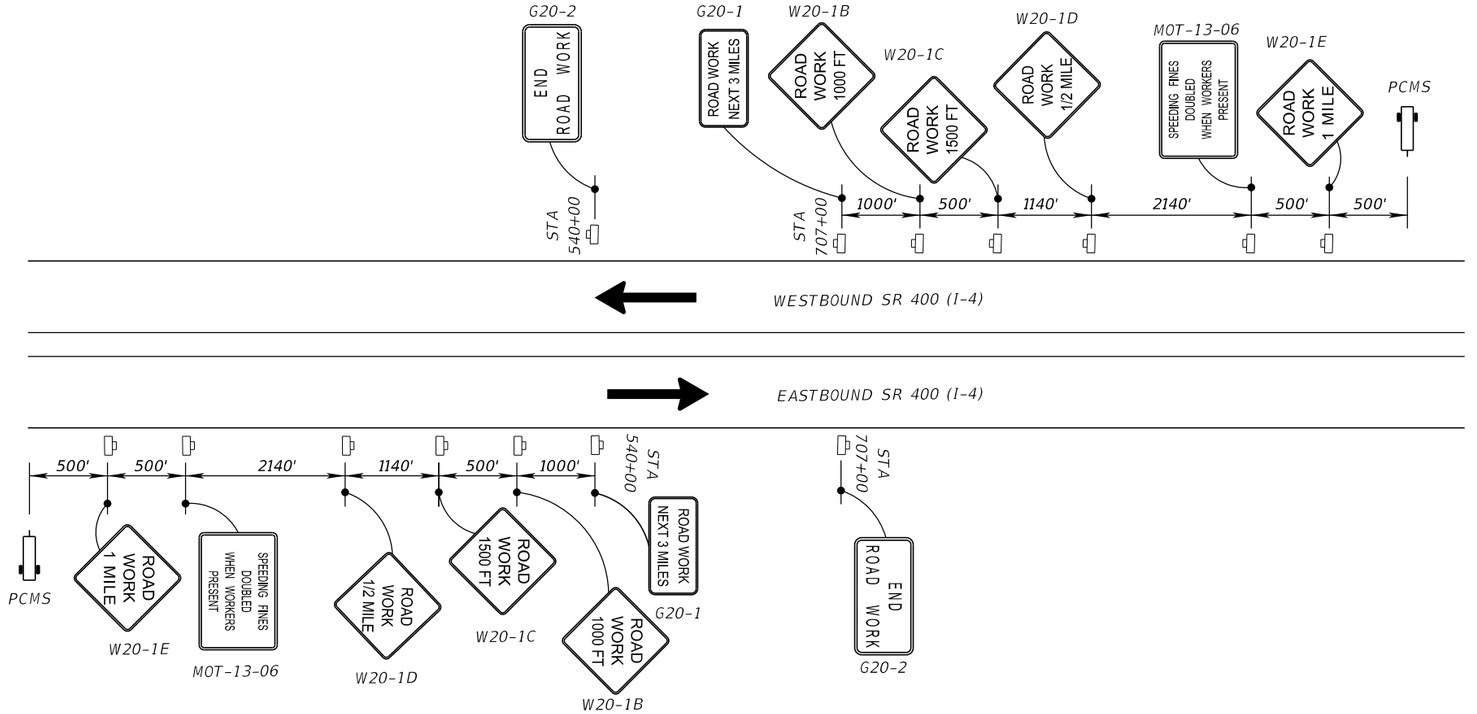
DEPARTMENT OF TRANSPORTATION

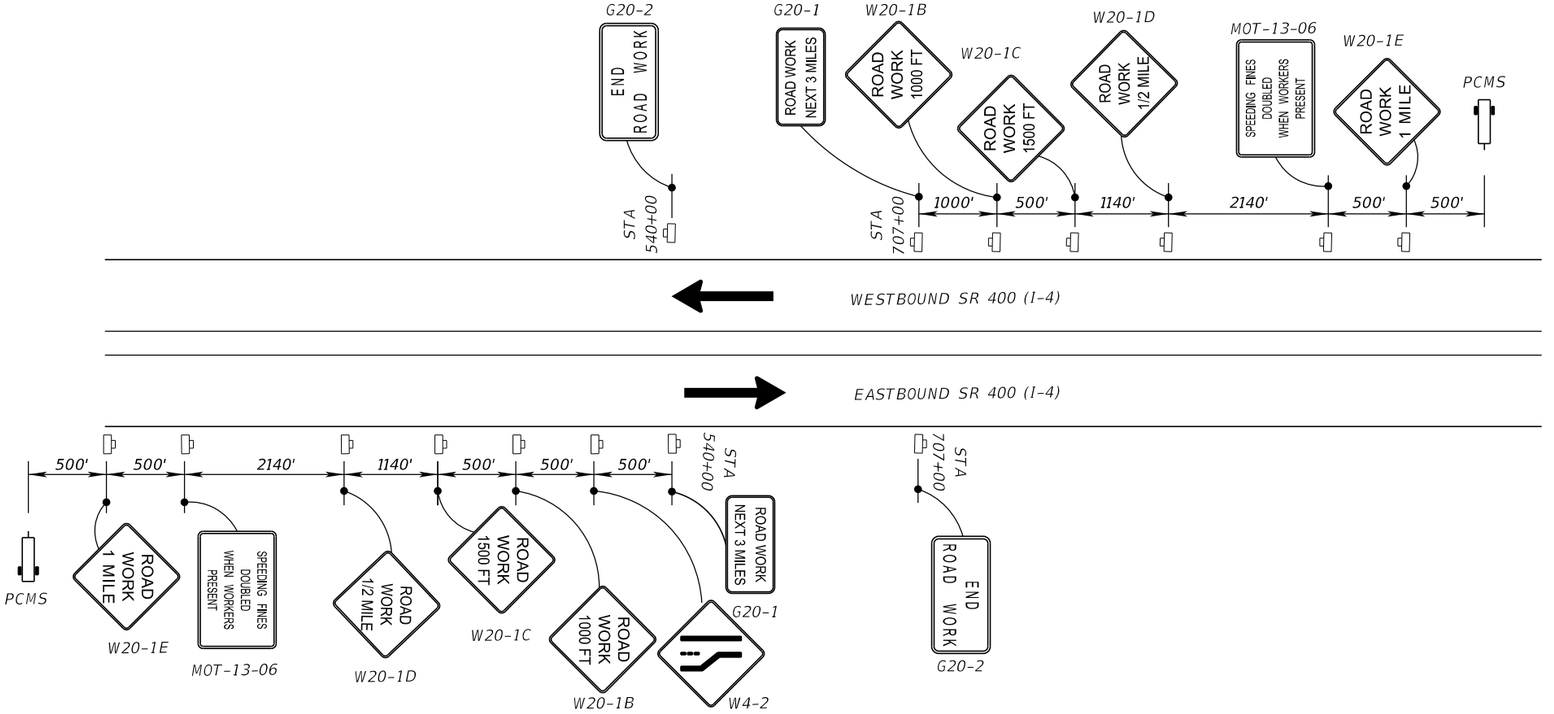
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP PHASE NOTES

SHEET NO. 555



ADVANCED WARNING SIGN DETAIL FOR PHASE 1 - STAGES 1 THRU 4



ADVANCED WARNING SIGN DETAIL FOR PHASE 2 - STAGE 1

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TTCP DETAILS

SHEET NO. 556

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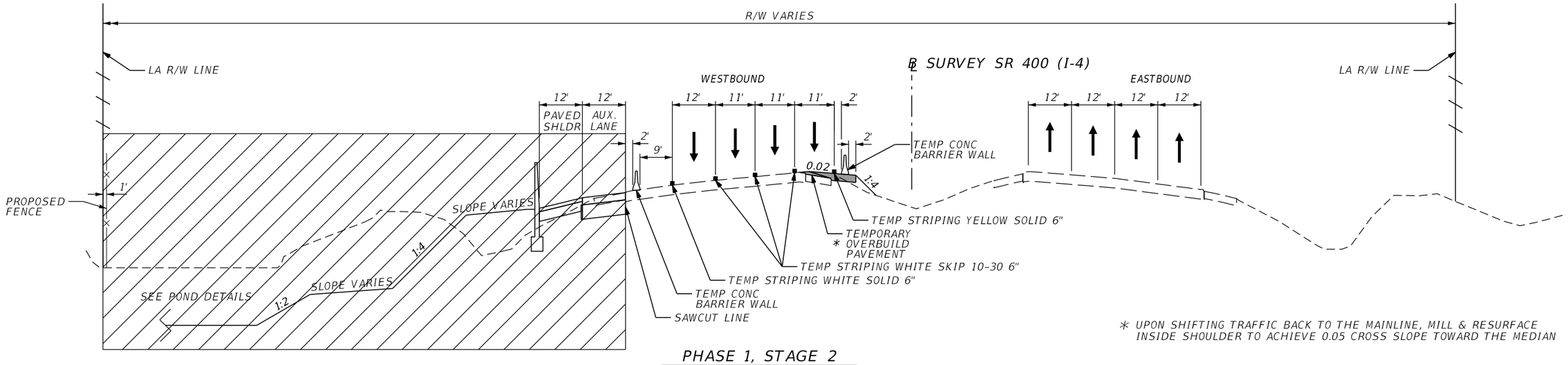
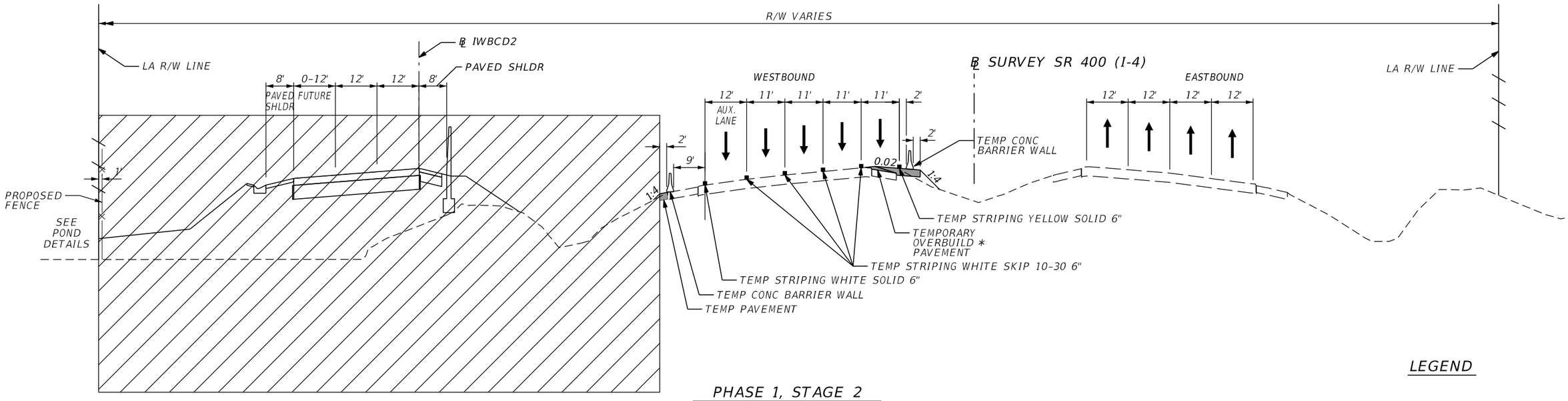


* UPON SHIFTING TRAFFIC BACK TO THE MAINLINE, MILL & RESURFACE INSIDE SHOULDER TO ACHIEVE 0.05 CROSS SLOPE TOWARD THE MEDIAN

PHASE 1, STAGE 2

℄ SURVEY SR 400 (I-4) STA. 637+00.00 to STA. 664+84.00 (LT)



PHASE 1, STAGE 2

℄ SURVEY SR 400 (I-4) STA. 664+84.00 to STA. 687+00.00 (LT)

LEGEND

WORK ZONE

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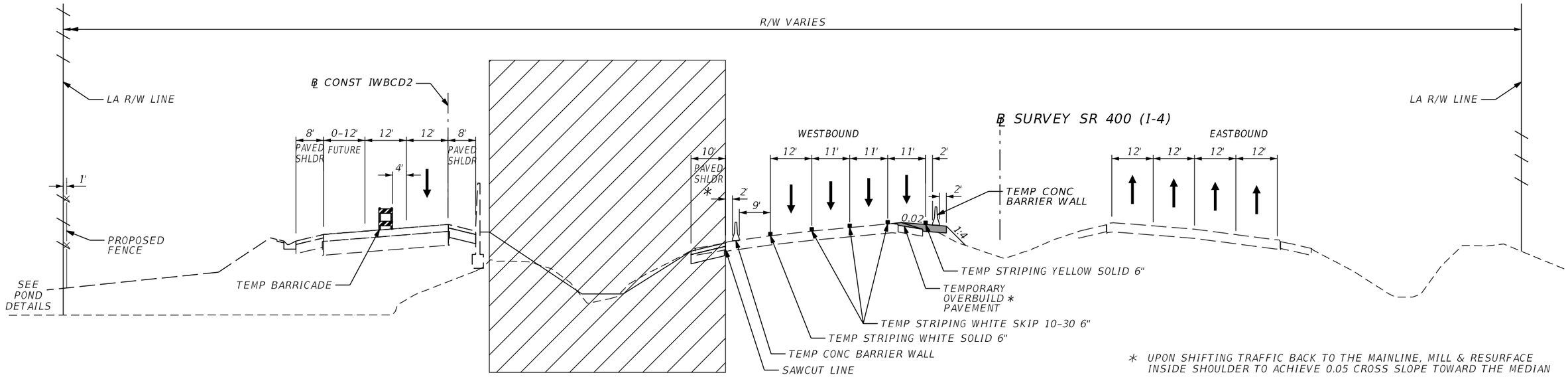
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
TTCP TYPICAL SECTION

SHEET NO. 557



PHASE 1, STAGE 4

℄ SURVEY SR 400 (I-4) STA. 664+84.00 to STA. 697+00.00 (LT)

LEGEND

WORK ZONE

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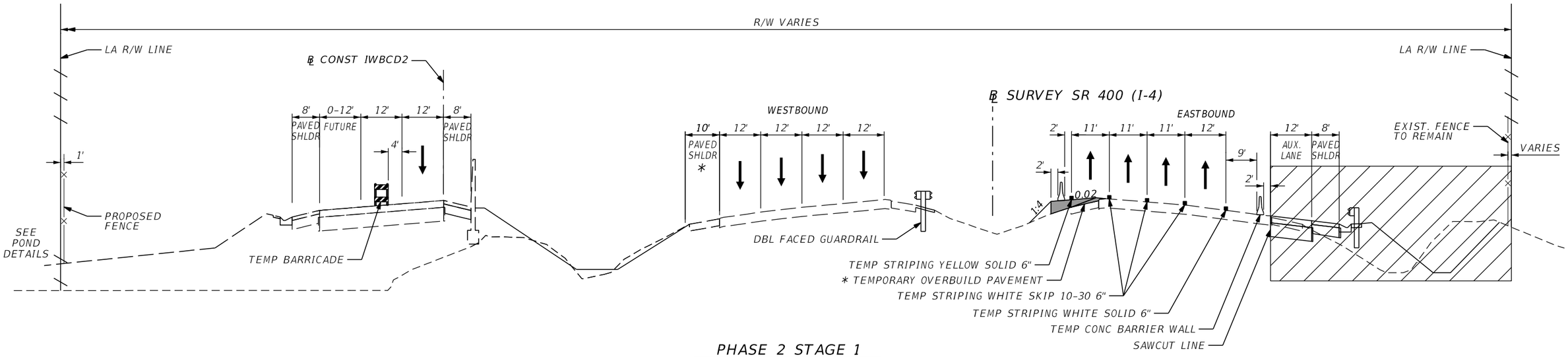
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
TTCP TYPICAL SECTION

SHEET NO. 558

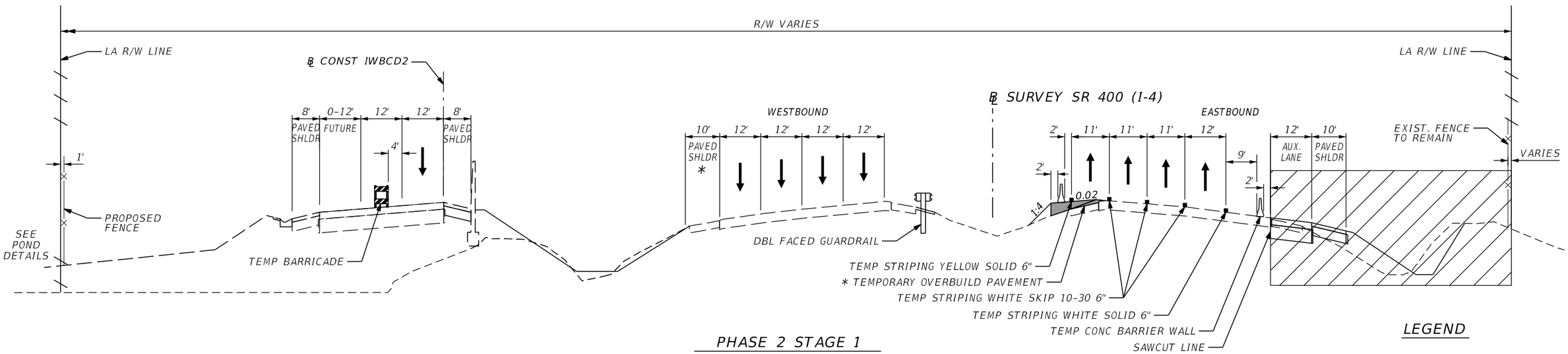


PHASE 2 STAGE 1

℄ SURVEY SR 400 (I-4) STA. 557+00.00 to STA. 562+50.00 (RT) **
℄ SURVEY SR 400 (I-4) STA. 568+26.00 to STA. 583+50.00 (RT)
℄ SURVEY SR 400 (I-4) STA. 619+60.00 to STA. 632+75.00 (RT)
℄ SURVEY SR 400 (I-4) STA. 657+65.00 to STA. 671+82.00 (RT)

* UPON SHIFTING TRAFFIC BACK TO THE MAINLINE, MILL & RESURFACE INSIDE SHOULDER TO ACHIEVE 0.05 CROSS SLOPE TOWARD THE MEDIAN

** ONLY MILL, RESURFACE, AND OVERBUILD EXISTING OUTSIDE SHOULDER PER TYPICAL SECTION #1



PHASE 2 STAGE 1

℄ SURVEY SR 400 (I-4) STA. 671+82.00 to STA. 686+11.00 (RT)

LEGEND

WORK ZONE

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SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
TTCP TYPICAL SECTION

SHEET NO. 559

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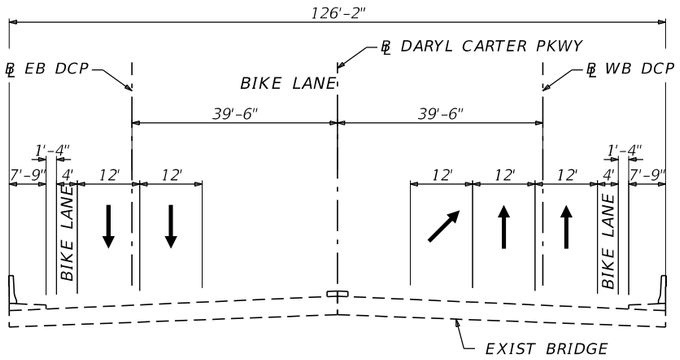
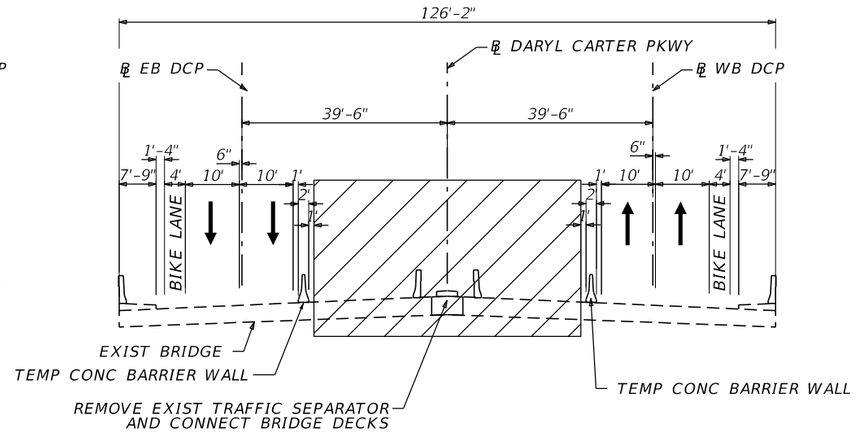


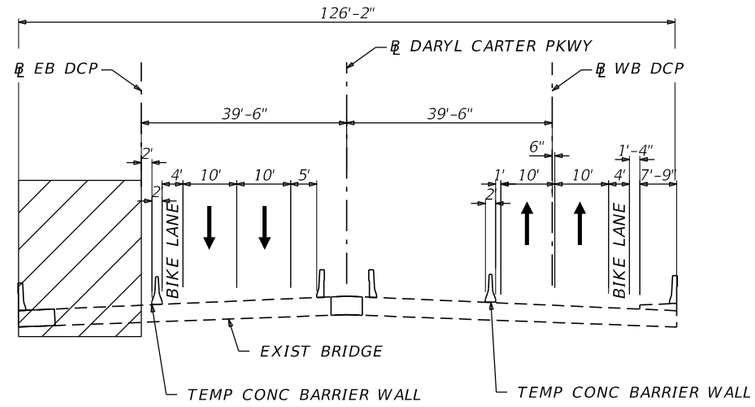
EXISTING LANE CONFIGURATION

℄ DARYL CARTER PKWY STA. 109+71.00 to STA. 114+31.00



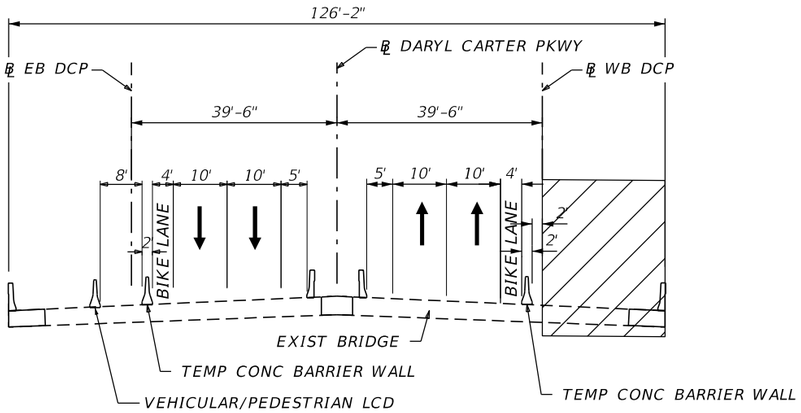
PHASE 1 STAGE 1

℄ DARYL CARTER PKWY STA. 109+71.00 to STA. 114+31.00



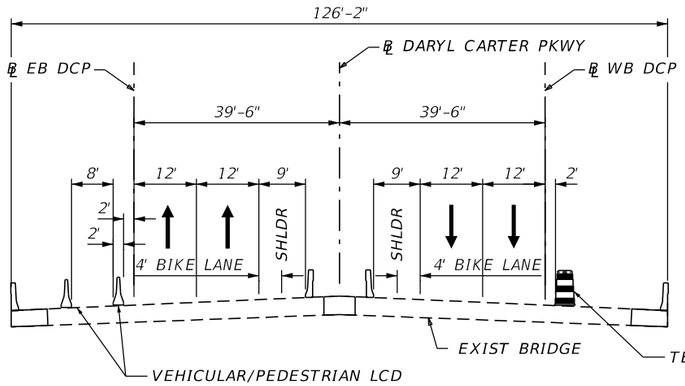
PHASE 1 STAGE 2

℄ DARYL CARTER PKWY STA. 109+71.00 to STA. 114+31.00



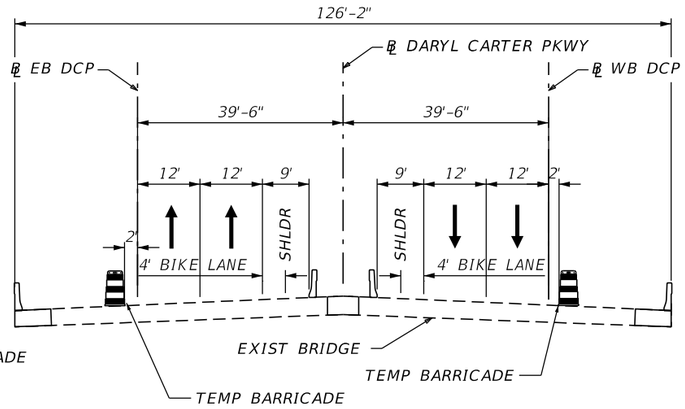
PHASE 2 STAGE 1

℄ DARYL CARTER PKWY STA. 109+71.00 to STA. 114+31.00



PHASE 2 STAGE 2

℄ DARYL CARTER PKWY STA. 109+71.00 to STA. 114+31.00



PHASE 2 STAGE 3

℄ DARYL CARTER PKWY STA. 109+71.00 to STA. 114+31.00

LEGEND

WORK ZONE

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY TTCP TYPICAL SECTION

SHEET NO. 560

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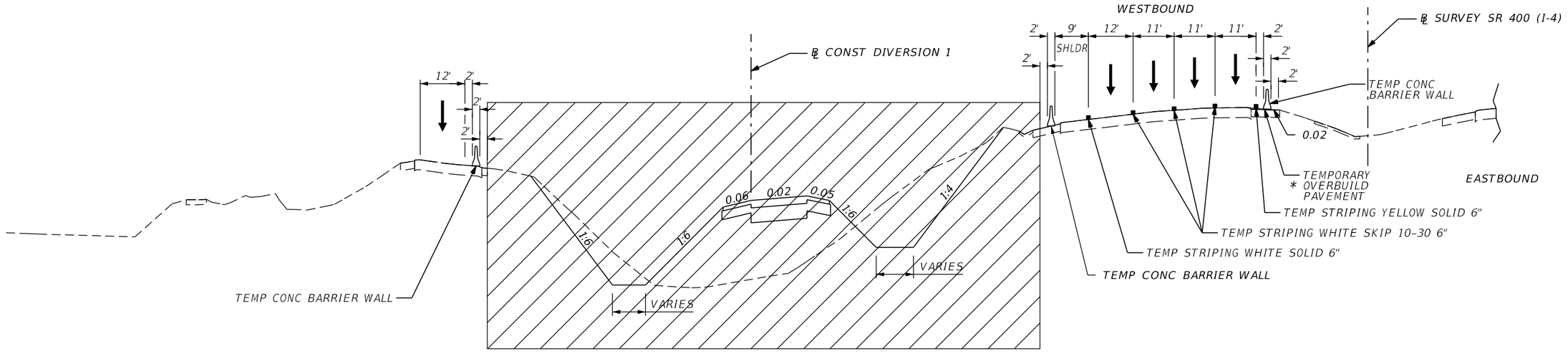
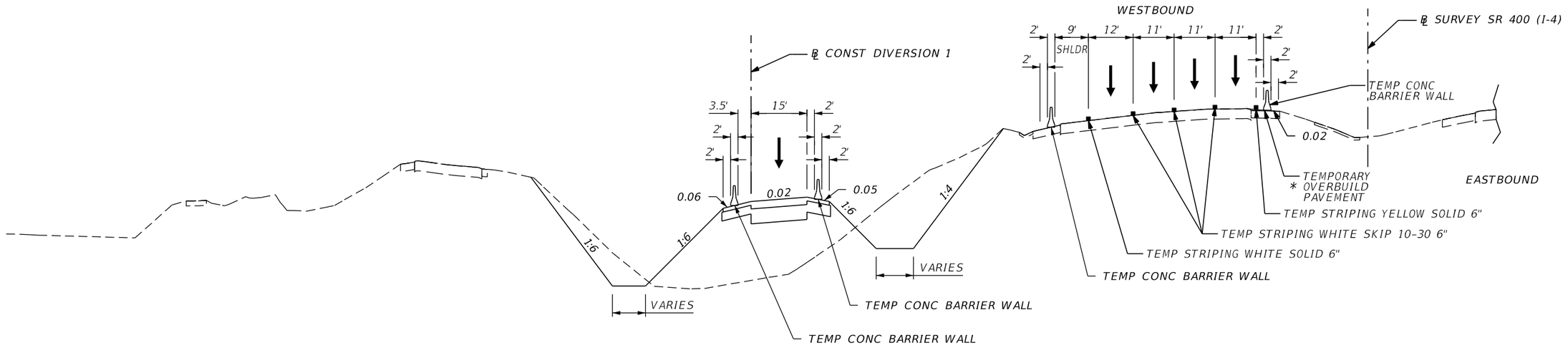


PHASE 1 STAGE 1

℄ CONST DIVERSION 1 STA. 104+00.00 to STA. 109+00.00



PHASE 1 STAGE 3

℄ CONST DIVERSION 1 STA. 104+00.00 to STA. 109+00.00

LEGEND

WORK ZONE

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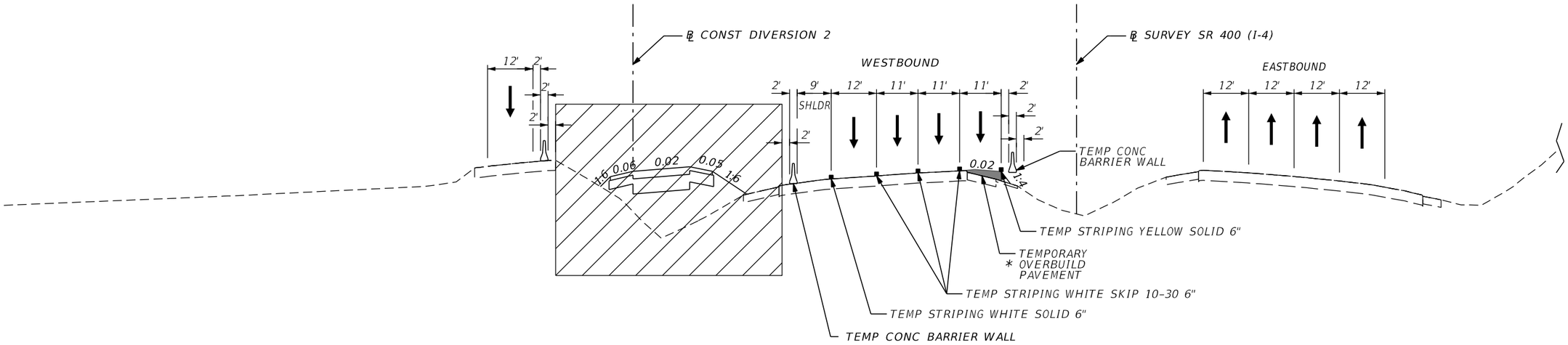
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

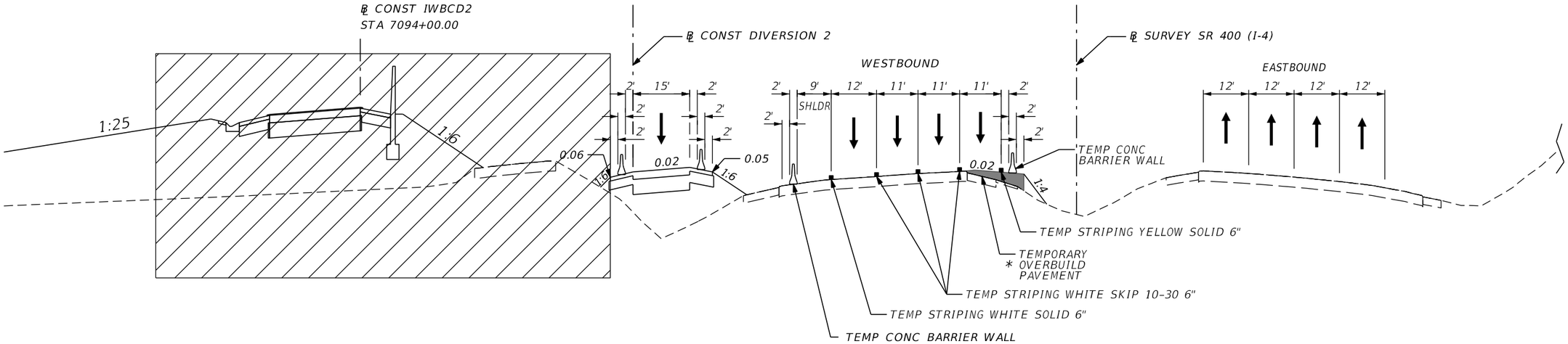
DIVERSION 1
TTCP TYPICAL SECTION

SHEET NO. 561



PHASE 1 STAGE 1

℄ CONST DIVERSION 2 STA. 203+00.00 to STA. 206+00.00



PHASE 1 STAGE 2

℄ CONST DIVERSION 2 STA. 203+00.00 to STA. 206+00.00

LEGEND

WORK ZONE

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 2
TTCP TYPICAL SECTION

SHEET NO. 562

glen.dvorovy 5/6/2020 5:17:38 PM c:\pwworking\aecom_na\glen.dvorovy\d0177900\TCTYRD06.DGN

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

0 20 100
Feet

LA R/W LINE

℄ SURVEY SR 400 (I-4)

550

555

560

675

680

TEMP CONC BARRIER WALL

TEMP ATTENUATOR

BEGIN TEMP CONC BARRIER WALL
STA 557+70.79

910

905

670

SB SR 535

NB SR 535

℄ SURVEY SR 535

℄ RAMP IC1_535

LA R/W LINE

MATCH LINE SR 400 (I-4) STA 562+00.00

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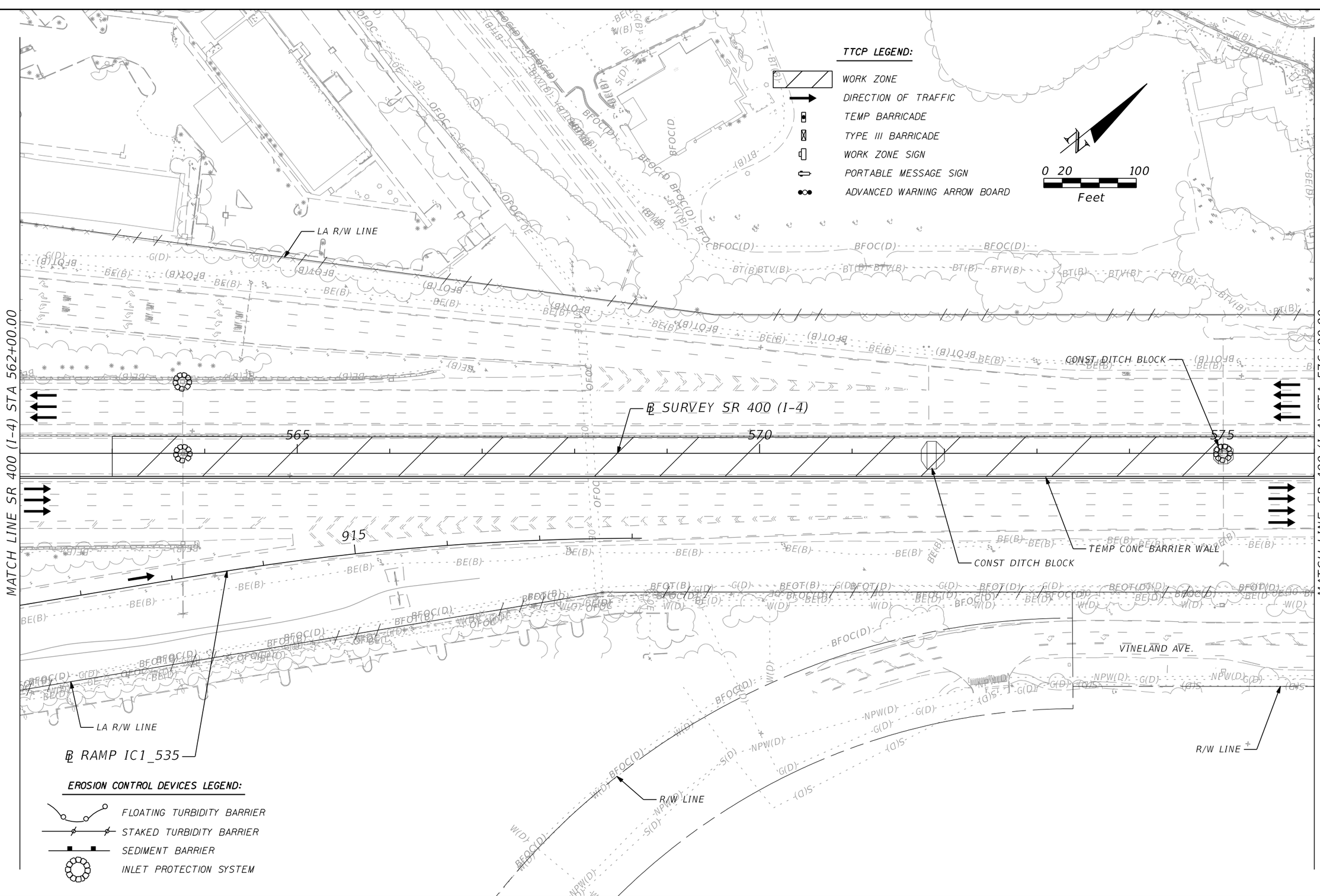
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 2 PHASE 1 - STAGE 1

SHEET NO. 563

glen.dvorovy 5/7/2020 6:56:35 PM c:\pwworking\aecom_na\glen.dvorovy\d0177900\TCPLRD02_P1S1.dgn



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 3
PHASE 1 - STAGE 1

SHEET NO. 564

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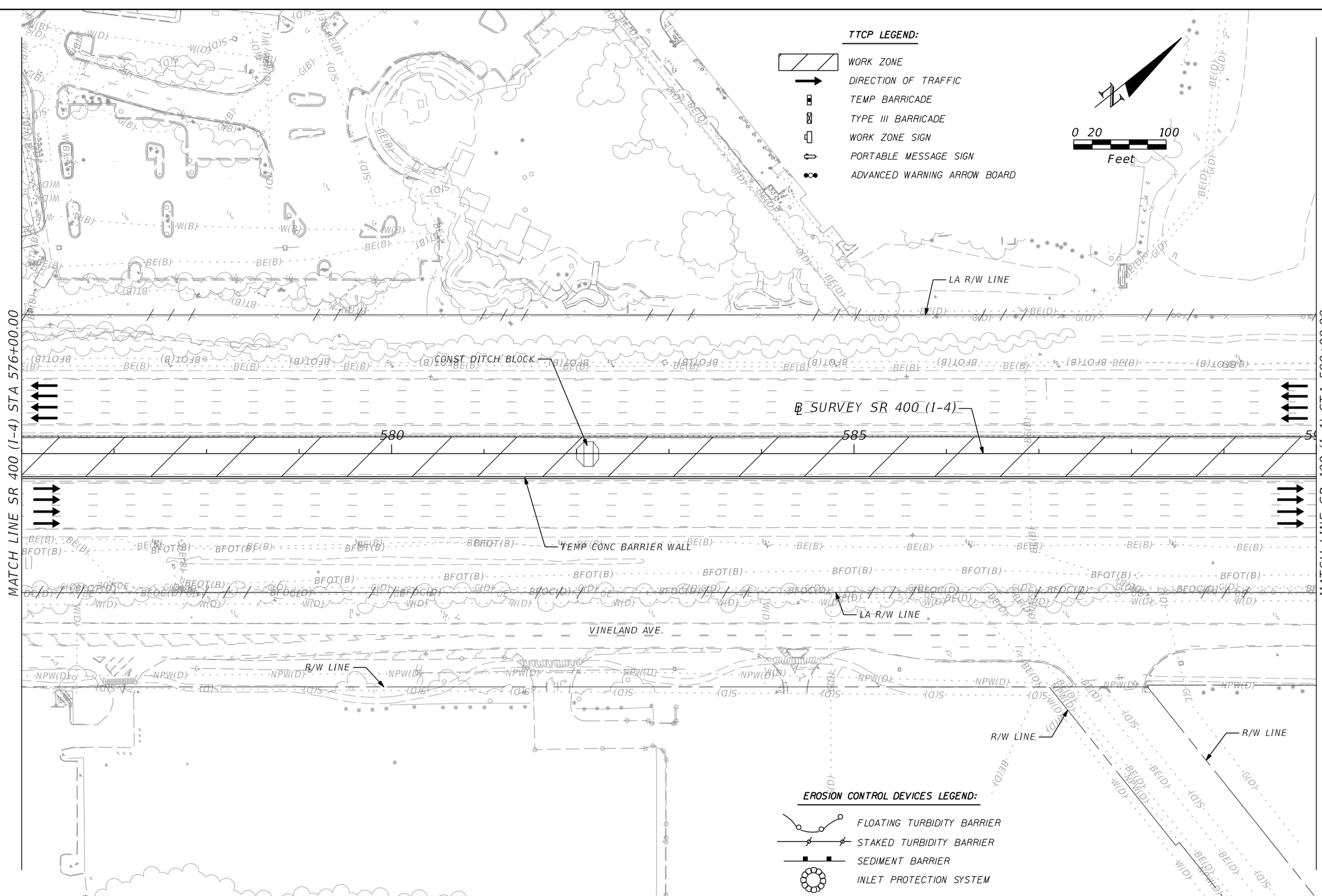

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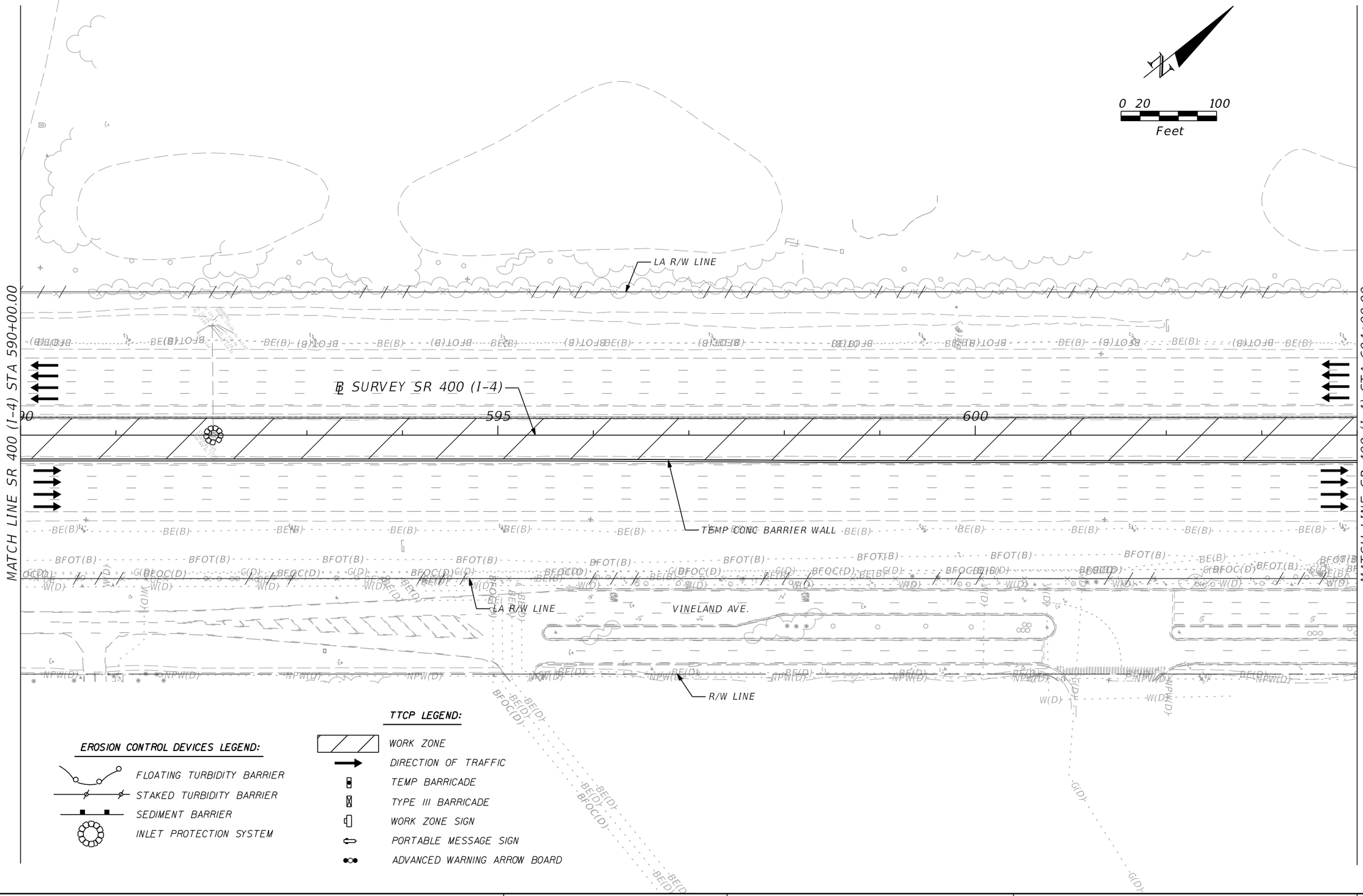
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 4
PHASE 1 - STAGE 1

SHEET NO. 565



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 5
PHASE 1 - STAGE 1

SHEET NO. 566

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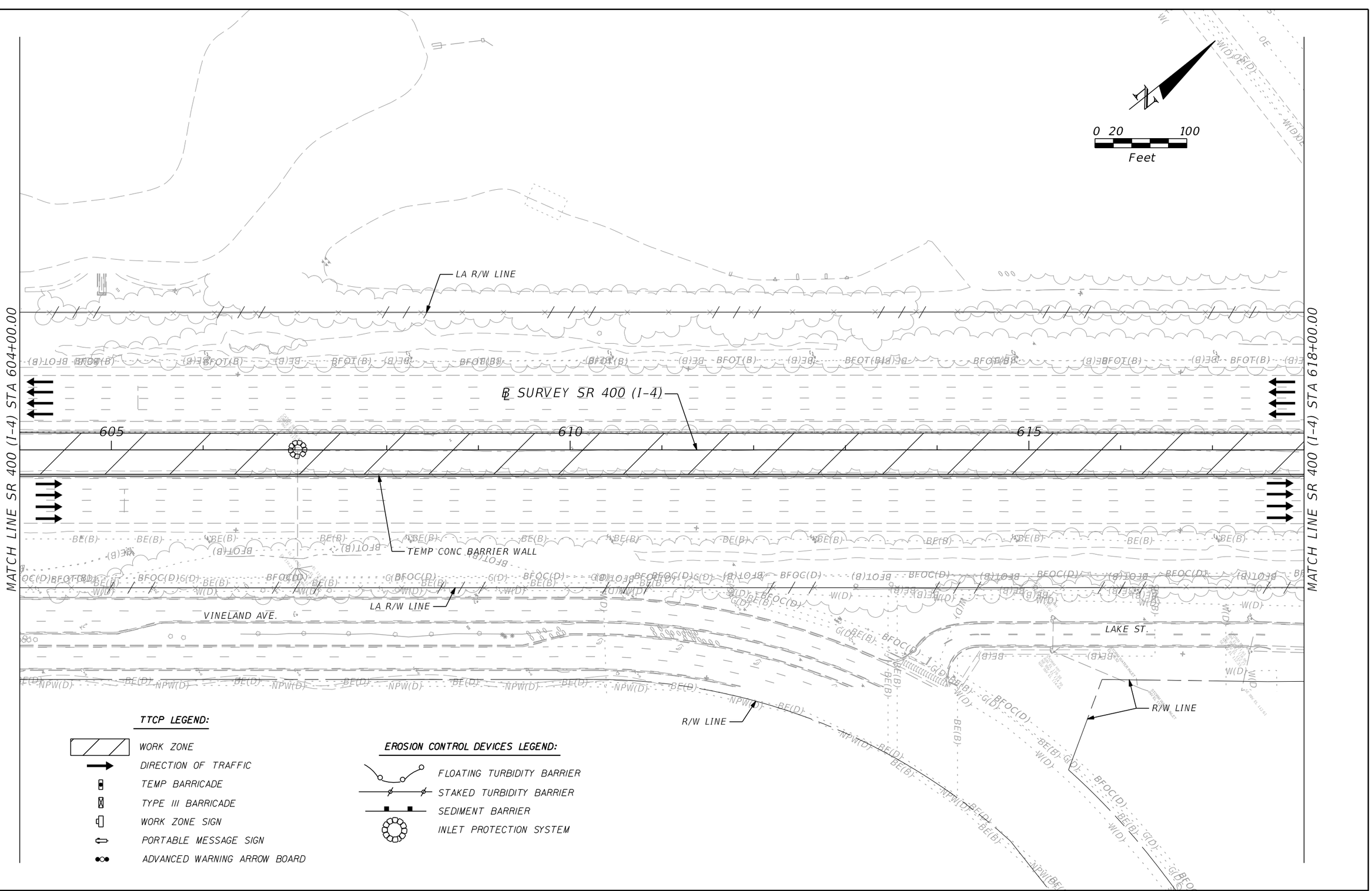

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 6
PHASE 1 - STAGE 1

SHEET NO. 567

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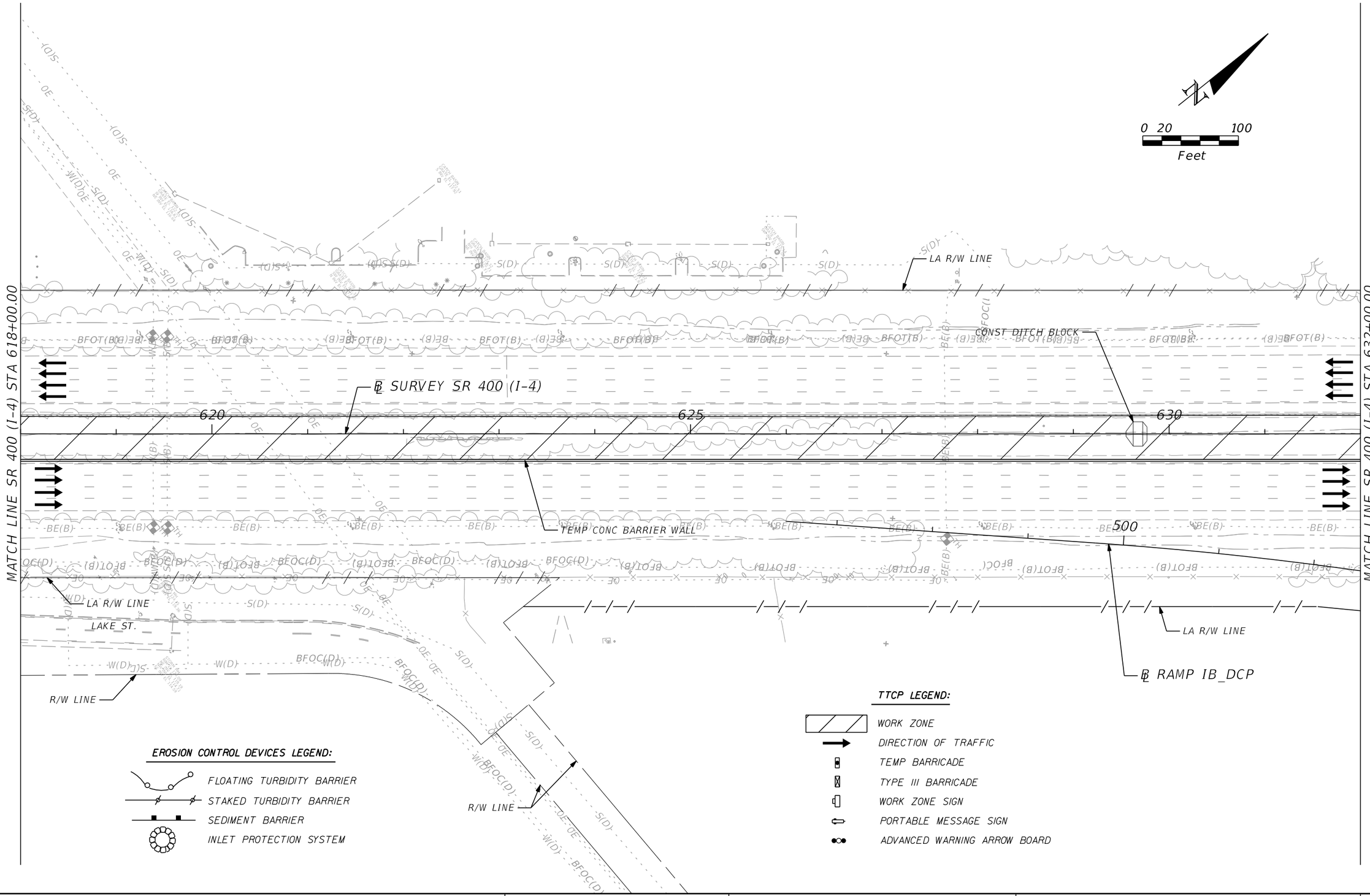

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 7
PHASE 1 - STAGE 1

SHEET NO. 568

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EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

0 20 100
Feet

MATCH LINE SR 400 (I-4) STA 632+00.00

MATCH LINE SR 400 (I-4) STA 645+00.00

℄ EB DCP

T-101A TEMP TOP

℄ DARYL CARTER PKWY

LA R/W LINE

TEMP CONC BARRIER WALL

BEGIN GUARDRAIL REMOVAL
STA 632+29.95

BEGIN TEMP CONC BARRIER WALL
STA 636+88.12

℄ SURVEY SR 400 (I-4)

TEMP CONC BARRIER WALL

EDGE OF TEMP PAVEMENT

635

640

CONST DITCH BLOCK

TEMP CONC BARRIER WALL

505

510

515

℄ RAMP IB_DCP

LA R/W LINE

T-103A TEMP TOP

NIGHT WORK WITH
LANE CLOSURES

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 8
PHASE 1 - STAGE 1

SHEET NO. 569

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SEE TTCP PALM PKWY - PLAN 1 & 2
PHASE 1 - STAGE 1A, 1B, 1C

MATCH LINE SR 400 (I-4) STA 645+00.00

MATCH LINE SR 400 (I-4) STA 660+00.00

R/W LINE

POND 140B3

POND 141B1

0 20 100
Feet

℄ WB DCP

℄ EB DCP

℄ RAMP D_DCP

℄ CONST IWBCD2

℄ RAMP ISLIP1

℄ SURVEY SR 400 (I-4)

℄ RAMP IC_DCP

STA 706+37.61, 161.42' LT
℄ RAMP D_DCP

STA 604+86.03, 25.00' RT
℄ RAMP IC_DCP

STA 608+99.91, 101.32' RT
℄ RAMP IC_DCP

STA 612+83.74, 204.87' RT
℄ RAMP IC_DCP

STA 612+35.10, 290.10' RT
℄ RAMP IC_DCP

54" PIPE
JACK AND BORE

54" PIPE
JACK AND BORE

TEMP CONC BARRIER WALL

EDGE OF TEMP PAVEMENT

TEMP CONC BARRIER WALL

TEMP TOP T-102A

NIGHT WORK WITH LANE CLOSURES

LA R/W LINE

EXISTING POND C

POND C

TEMPORARY EASEMENT

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 9
PHASE 1 - STAGE 1

SHEET NO. 570

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SEE TTCP PALM PKWY – PLAN 2 & 3
PHASE 1 – STAGE 1A, 1B, 1C

POND 141B2

POND 141B3

0 20 100
Feet

LA R/W LINE

℄ CONST IWBCD2

℄ RAMP ISLIP2

7070

7075

7080 200

℄ RAMP D_DCP

MATCH LINE SR 400 (I-4) STA 660+00.00

MATCH LINE SR 400 (I-4) STA 674+00.00

665

670

TEMP CONC BARRIER WALL

EDGE OF TEMP PAVEMENT

℄ SURVEY SR 400 (I-4)

℄ RAMP IC_DCP

620

625

STA 670+23.67, 150.00' RT
℄ SURVEY SR 400 (I-4)

LA R/W LINE

POND C

TEMPORARY EASEMENT

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 10
PHASE 1 - STAGE 1

SHEET NO. 571

SEE TTCP PALM PKWY – PLAN 3 & 4
PHASE 1 – STAGE 1A, 1B, 1C

POND 141B3

POND FPC 141

POND 141B4

0 20 100
Feet

LA R/W LINE

℄ CONST IWBCD2

℄ RAMP ISLIP2

TIE TEMP PAVENMENT TO EXIT EDGE OF GORE PAVEMENT STA 677+02.06, 90.74' LT

BEGIN TEMP CONC BARRIER WALL
END LANE SHIFT
STA 678+50.00

TEMP CONC BARRIER WALL

60" PIPE JACK AND BORE

BEGIN LANE SHIFT
STA 677+00.00

STA 7088+05.91, 19.50' RT
℄ CONST IWBCD2

BEGIN LATERAL DITCH

TEMP STRIPING

END LATERAL DITCH
STA 7089+49.38, 91.75' RT
℄ CONST IWBCD2

BEGIN ℄ CONST DIVERSON STA 200+00.00
℄ SURVEY SR400 (I-4) STA 682+37.54, 77.45' LT

℄ CONST DIVERSION 2

TEMP CONC BARRIER WALL

STA 201+38.83
6.00' LT

STA 203+03.69
21.00' RT

℄ RAMP IA_CFP

℄ RAMP IC_CFP

EDGE OF TEMP PAVEMENT

END LANE SHIFT
STA 683+08.00

TEMP CONC BARRIER WALL

TIE TEMP PAVEMENT TO EXIST PAVED SHLDR
STA 204+06.35, 6.21' LT

EDGE OF TEMP PAVEMENT

℄ SURVEY SR 400 (I-4)

EDGE OF TEMP PAVEMENT

END TEMP CONC BARRIER WALL
STA 679+77.91

BEGIN TEMP CONC BARRIER WALL
BEGIN LANE SHIFT
STA 678+50.00

LA R/W LINE

W1-4d

CONST 254' OF 18" PIPE

℄ RAMP IB_CFP

MATCH LINE SR 400 (I-4) STA 674+00.00

MATCH LINE SR 400 (I-4) STA 688+00.00

STA 676+28.88, 150.00' RT
℄ SURVEY SR 400 (I-4)

STA 676+34.28, 205.34' RT
℄ SURVEY SR 400 (I-4)

STA 676+03.51, 317.08' RT
℄ SURVEY SR 400 (I-4)

STA 675+99.67, 347.31' RT
℄ SURVEY SR 400 (I-4)

EASEMENT

STA 676+44.91, 336.80' RT
℄ SURVEY SR 400 (I-4)

STA 676+07.68, 354.01' RT
℄ SURVEY SR 400 (I-4)

STA 678+69.54, 150.00' RT
℄ SURVEY SR 400 (I-4)

STA 677+13.88, 150.00' RT
℄ SURVEY SR 400 (I-4)

STA 677+13.88, 205.34' RT
℄ SURVEY SR 400 (I-4)

STA 676+84.61, 205.34' RT
℄ SURVEY SR 400 (I-4)

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

CURVE DATA DIV021
PI STA. = 201+85.84
Δ = 15° 13' 48" (LT)
D = 4° 07' 19"
T = 185.84
L = 369.48
R = 1,390.00
PC STA. = 200+00.00
PRC STA.= 203+69.48
e = NC

CURVE DATA DIV022
PI STA. = 205+10.72
Δ = 11° 36' 15" (RT)
D = 4° 07' 19"
T = 141.24
L = 281.52
R = 1,390.00
PRC STA. = 203+69.48
PT STA.= 206+51.00
e = NC

T-100
CONST CONCRETE COLLAR
CONNECT TO EXIST 18" PIPE

T-102
CONST 18" MES
FL 106.89

T-101
CONST TEMP DBI
TOP EL 107.49
FL 103.64
CONTRACTOR TO VERIFY INVERT/TOP ELEV BEFORE INSTALLATION, MODIFY IF NECESSARY

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 11
PHASE 1 - STAGE 1

SHEET NO. 572

SEE TTCP PALM PKWY – PLAN 4 & 5
PHASE 1 – STAGE 1A, 1B, 1C

POND 141B4

R/W LINE

STA 305+99.81, 21.42' LT
℄ RAMP IA_CFP

℄ RAMP IC_CFP

℄ RAMP IA_CFP

LA R/W LINE

0 20 100
Feet

TEMP CONC BARRIER WALL

BEGIN DITCH ℄
STA 105+00.00, 44.54' LT
℄ RAMP DIV01
EL 108.06
BOTTOM WIDTH 15'

DITCH ℄
STA 106+00.00, 46.15' LT
℄ RAMP DIV01
EL 107.96
BOTTOM WIDTH 5'

END LANE SHIFT
BEGIN TEMP CONC BARRIER WALL
STA 104+63.00

BEGIN LANE SHIFT
STA 103+63.00

END ℄ CONST DIVERSION 2 STA 206+51.00=
℄ SURVEY SR400 (I-4) STA 688+79.92 172.30' LT

TIE TEMP PAVEMENT TO EXIST PAVED SHLDR
STA 206+51.00, 21.00' RT

TIE TEMP PAVEMENT
TO EXIST PAVED SHLDR
STA 104+12.26, 21.00' RT

CONST 21'
OF 18" PIPE

DIV022

TEMP CONC BARRIER WALL

TEMP ATTENUATOR

END LANE SHIFT
STA 690+00.00

TEMP STRIPING

BEGIN ℄ CONST DIVERSION 1 STA 100+00.00=
℄ SURVEY SR400 (I-4) STA 695+90.96, 76.27' LT

EDGE OF TEMP PAVEMENT

STA 101+69.39
7.50' LT

T-104

DIV011

28.5'

MATCH LINE SR 400 (I-4) STA 688+00.00

MATCH LINE SR 400 (I-4) STA 702+00.00

12'
11'
11'
11'

690

695

700

℄ RAMP ISLIP2

END TEMP CONC BARRIER WALL
BEGIN LANE SHIFT
STA 689+00.00

TEMP CONC BARRIER WALL

EDGE OF TEMP PAVEMENT

℄ SURVEY SR 400 (I-4)

℄ CONST DIVERSION 1

BEGIN LANE SHIFT
STA 700+05.00

EDGE OF TEMP PAVEMENT

END TEMP CONC BARRIER WALL
STA 701+50.00

℄ CONST DIVERSION 2
105

TEMP ATTENUATOR

END GUARDRAIL REMOVAL
STA 701+50.00

LA R/W LINE

LA R/W LINE

℄ RAMP IB_CFP

CURVE DATA DIV022
PI STA. = 205+10.72
Δ = 11° 36' 15" (RT)
D = 4° 07' 19"
T = 141.24
L = 281.52
R = 1,390.00
PRC STA. = 203+69.48
PT STA.= 206+51.00
e = NC

CURVE DATA DIV011
PI STA. = 103+11.27
Δ = 13° 39' 14" (LT)
D = 2° 12' 13"
T = 311.27
L = 619.60
R = 2,600.00
PC STA. = 100+00.00
PRC STA.= 106+19.60
e = NC

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

T-104
TEMP 18" MES AND CONC COLLAR
CONNECT TO EXIST PIPE
FL 108.05

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 12
PHASE 1 - STAGE 1

SHEET NO. 573

SEE TTCP PALM PKWY – PLAN 5
PHASE 1 – STAGE 1A, 1B, 1C

℄ CONST DIVERSION 1
TEMP CONC BARRIER WALL
END DITCH ℄
STA 107+00.00, 23.28' RT
℄ RAMP DIV01
EL 112.43
BOTTOM WIDTH 5'
END TEMP CONC BARRIER WALL
STA 110+75.00
LA R/W LINE
STA 110+11.65, 15.31' LT
℄ RAMP DIV01
TIE TEMP PAVEMENT TO
EXIST MISC ASPHALT
STA 110+12.14 21.00' RT
TEMP STRIPING
STA 109+91.71, 21.56' RT
℄ RAMP DIV01
TIE TEMP PAVEMENT TO
EXIST MISC ASPHALT
STA 108+48.13 7.50' LT
MATCH LINE SR 400 (I-4) STA 702+00.00
DIV01
PAD
38.5'
12'
12'
12'
12'
TEMP CONC
BARRIER WALL
EDGE OF TEMP
PAVEMENT
TIE TEMP PAVEMENT TO
EXIST PAVED SHLDR
STA 703+00.00, 21.00' LT
EXTEND GUTTER
AND CONNECT TO
EXISTING SYSTEM
DITCH ℄
STA 109+00.00, 56.45' RT
℄ RAMP DIV01
EL 105.88
BOTTOM WIDTH 15'
BEGIN DITCH ℄
STA 108+00.00, 55.01' RT
℄ RAMP DIV01
EL 108.50
BOTTOM WIDTH 5'
TEMP ATTENUATOR
STA 705+18.54 R 4, 94.38' RT
℄ SURVEY SR 400 (I-4)
STA 705+03.11 R 4, 158.83' RT
℄ SURVEY SR 400 (I-4)
STA 705+05.45 R 4, 183.59' RT
℄ SURVEY SR 400 (I-4)
STA 705+60.40 R 4, 243.25' RT
℄ SURVEY SR 400 (I-4)
LA R/W LINE
STA 705+10.85 R 4, 242.41' RT
℄ SURVEY SR 400 (I-4)
EASEMENT
STA 705+17.27 R 4, 315.33' RT
℄ SURVEY SR 400 (I-4)
STA 705+27.25 R 4, 356.77' RT
℄ SURVEY SR 400 (I-4)
STA 706+87.84 R 4, 384.84' RT
℄ SURVEY SR 400 (I-4)
END LANE SHIFT
END TEMP CONC BARRIER WALL
STA 704+62.00
W1-4d
30
705
710
715
150
STA 18+68.98, 2.00' RT
℄ LAT DITCH2
EASEMENT
R/W LINE
LA R/W LINE
STA 20+12.85, 2.00' RT
℄ LAT DITCH2
TEMPORARY EASEMENT
TEMP ATTENUATOR
℄ CENTRAL FLORIDA PKWY
℄ CENTRAL FLORIDA PKWY
STA 18+69.12, 58.14' LT
℄ LAT DITCH2
R/W LINE
STA 19+26.31, 58.00' LT
℄ LAT DITCH2
STA 20+23.19, 79.04' LT
℄ LAT DITCH2
℄ LAT DITCH2
℄ SURVEY TURKEY LAKE ROAD
END ℄ CONST DIVERSION 1 STA 110+87.79=
℄ SURVEY TURKEY LAKE ROAD STA 148+34.04, 100.00' LT
STA 20+91.57, 123.79' LT
℄ LAT DITCH2
STA 110+84.60, 12.34' LT
℄ RAMP DIV01
STA 110+55.51, 27.77' RT
℄ RAMP DIV01
END DITCH ℄
STA 110+00.00, 70.60' RT
℄ RAMP DIV01
EL 99.11
BOTTOM WIDTH 5'
STA 110+44.37, 94.68' RT
℄ RAMP DIV01
STA 109+76.59, 82.04' RT
℄ RAMP DIV01
℄ SURVEY SR 400 (I-4)
℄ SURVEY CENTRAL FLORIDA PKWY
STA 707+64.45 R 4, 92.45' RT
℄ SURVEY SR 400 (I-4)
STA 707+64.17 R 4, 94.93' RT
℄ SURVEY SR 400 (I-4)
STA 707+66.23 R 4, 100.56' RT
℄ SURVEY SR 400 (I-4)
STA 707+65.71 R 4, 188.67' RT
℄ SURVEY SR 400 (I-4)
STA 706+24.83 R 4, 266.58' RT
℄ SURVEY SR 400 (I-4)
STA 706+58.15 R 4, 289.89' RT
℄ SURVEY SR 400 (I-4)
STA 706+94.30 R 4, 322.66' RT
℄ SURVEY SR 400 (I-4)
R/W LINE
LA R/W LINE
LA R/W LINE

CURVE DATA DIV011
PI STA. = 103+11.27
Δ = 13° 39' 14" (LT)
D = 2° 12' 13"
T = 311.27
L = 619.60
R = 2,600.00
PC STA. = 100+00.00
PRC STA. = 106+19.60
e = NC

CURVE DATA DIV012
PI STA. = 108+24.41
Δ = 6° 53' 41" (RT)
D = 1° 41' 07"
T = 204.82
L = 409.14
R = 3,400.00
PC STA. = 106+19.60
PRC STA. = 110+28.73
e = NC

0 20 100
Feet

EROSION CONTROL DEVICES LEGEND:
FLOATING TURBIDITY BARRIER
STAKED TURBIDITY BARRIER
SEDIMENT BARRIER
INLET PROTECTION SYSTEM

TTCP LEGEND:
WORK ZONE
DIRECTION OF TRAFFIC
TEMP BARRICADE
TYPE III BARRICADE
WORK ZONE SIGN
PORTABLE MESSAGE SIGN
ADVANCED WARNING ARROW BOARD

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
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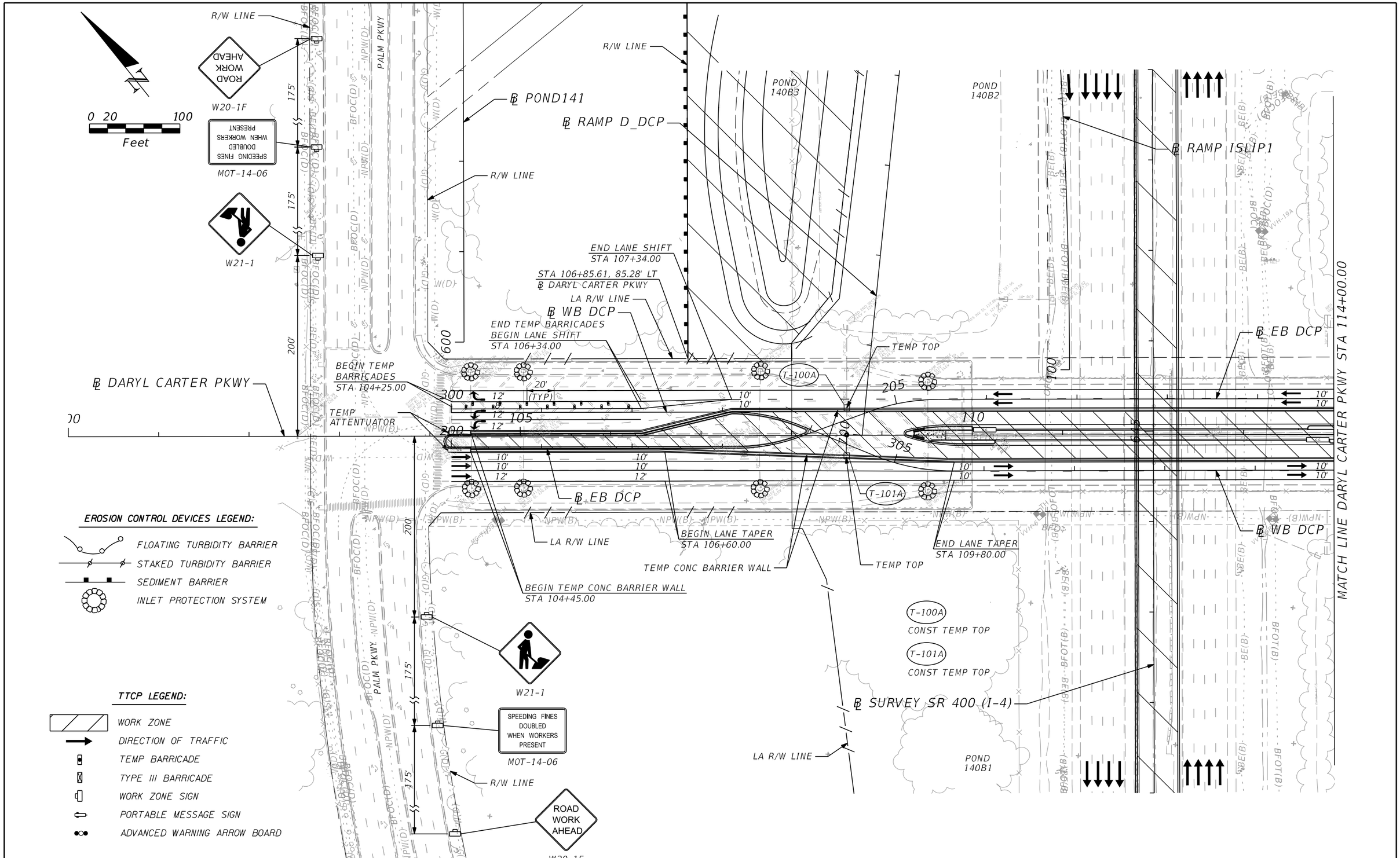
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 13
PHASE 1 - STAGE 1

SHEET NO. 574



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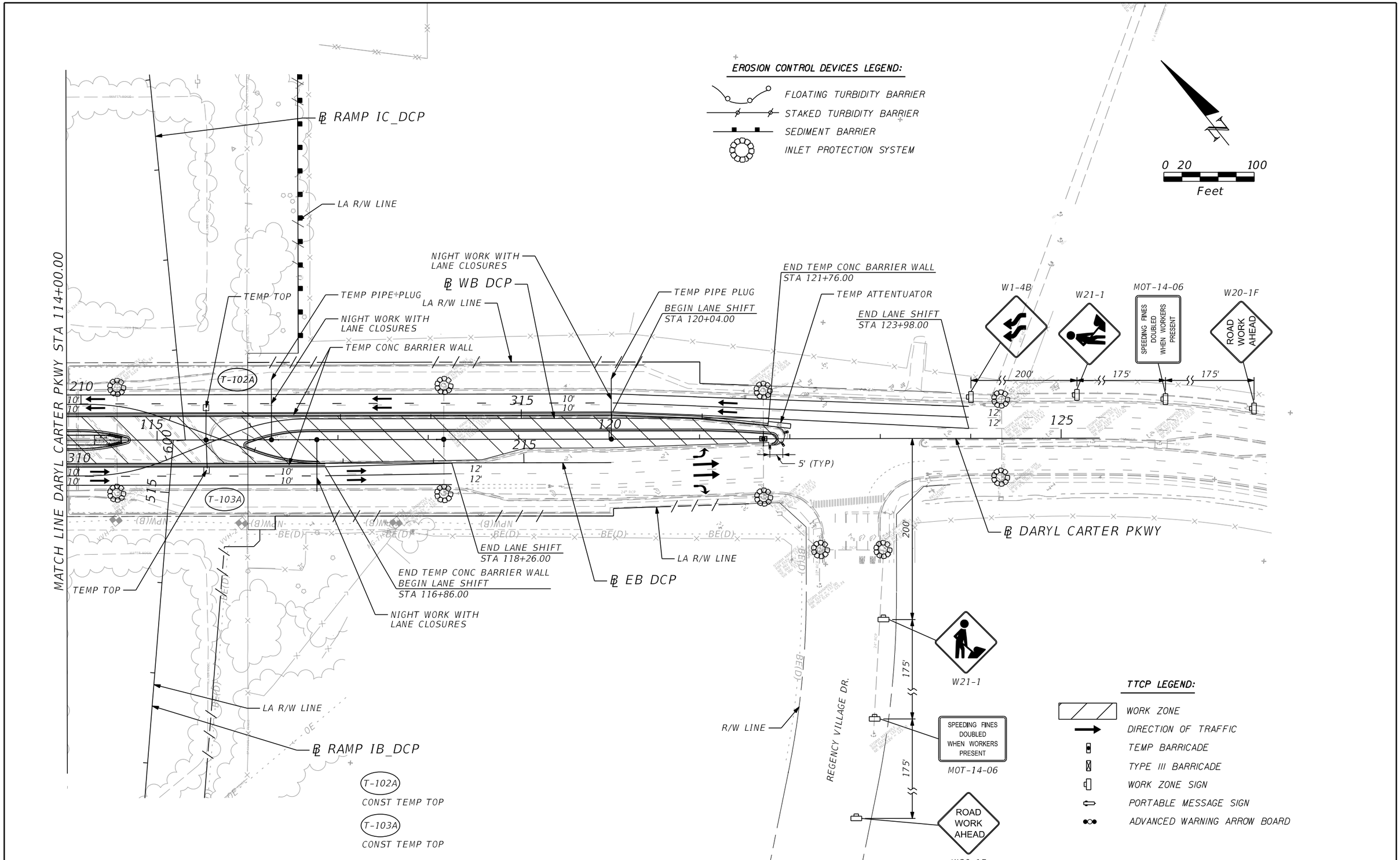
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP DARYL CARTER PKWY - PLAN 1 PHASE 1 - STAGE 1

SHEET NO. 575



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP DARYL CARTER PKWY - PLAN 2 PHASE 1 - STAGE 1

SHEET NO. 576

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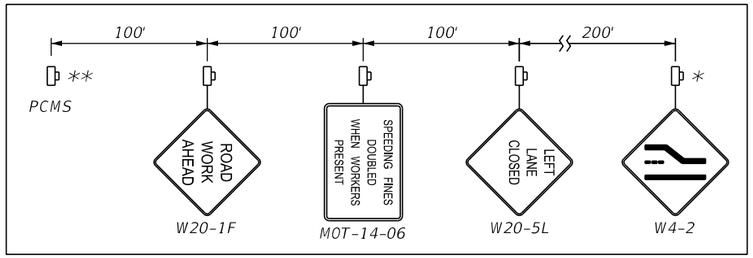
TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

ADVANCED WARNING SIGN DETAIL



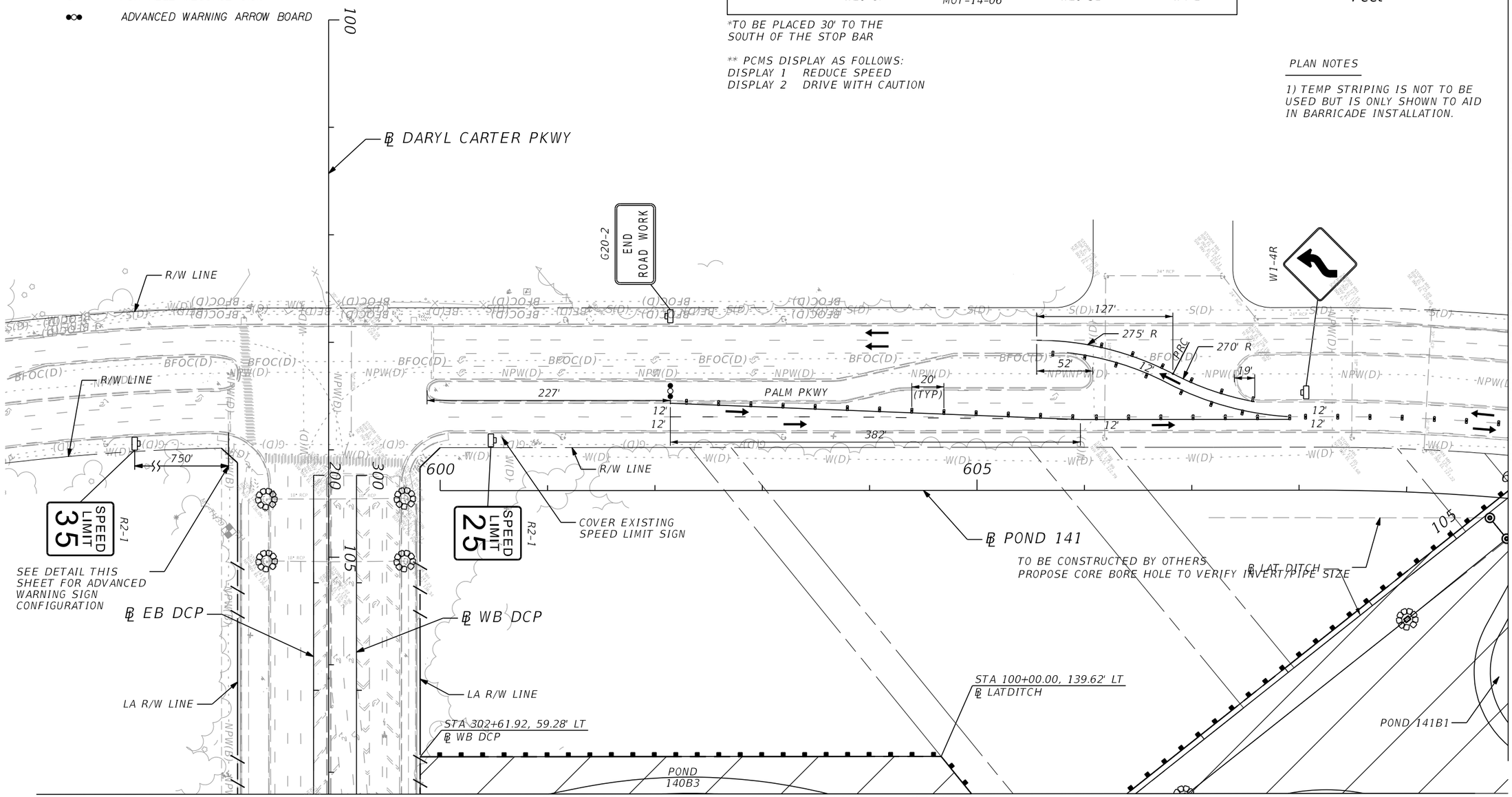
*TO BE PLACED 30' TO THE SOUTH OF THE STOP BAR

** PCMS DISPLAY AS FOLLOWS:
DISPLAY 1 REDUCE SPEED
DISPLAY 2 DRIVE WITH CAUTION

0 20 100
Feet

PLAN NOTES

1) TEMP STRIPING IS NOT TO BE USED BUT IS ONLY SHOWN TO AID IN BARRICADE INSTALLATION.



SEE TTCP SR 400 (I-4) - PLAN 9 PHASE 1 - STAGE 1

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP PALM PKWY - PLAN 1 PHASE 1 - STAGE 1A

SHEET NO. 577

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TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

0 20 100
Feet

MATCH LINE ℄ POND 141 STA 609+95.00

MATCH LINE ℄ POND 141 STA 624+24.00

STA 610+28.34, 40.00' LT
℄ POND141

℄ POND141

SPEED LIMIT 25

R2-1

R/W LINE

STA 613+98.64, 40.00' LT
℄ POND141

STA 613+96.43, 16.44' LT
℄ POND141

STA 614+13.41, 40.00' LT
℄ POND141

STA 614+11.25, 15.06' LT
℄ POND141

R/W LINE

PALM PKWY

12'
12'

20'
(TYP)

POND
141B1

POND
141B2

POND
141B3

SEE TTCP SR 400 (I-4) - PLAN 9 & 10 PHASE 1 - STAGE 1

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP PALM PKWY - PLAN 2
PHASE 1 - STAGE 1A

SHEET NO. 578

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

0 20 100
Feet

MATCH LINE ℄ POND 141 STA 624+24.00

MATCH LINE ℄ POND 141 STA 638+24.00

R/W LINE

R/W LINE

PALM PKWY

℄ POND141

EASEMENT

STA 637+63.25, 49.19' LT
℄ POND141

STA 637+62.89, 40.00' LT
℄ POND141

STA 637+19.66, 49.23' LT
℄ POND141

STA 637+19.38, 40.00' LT
℄ POND141

20'
(TYP)

12'
12'

625

630

635

POND
141B3

POND FPC 141

SEE TTCP SR 400 (I-4) - PLAN 10 & 11 PHASE 1 - STAGE 1

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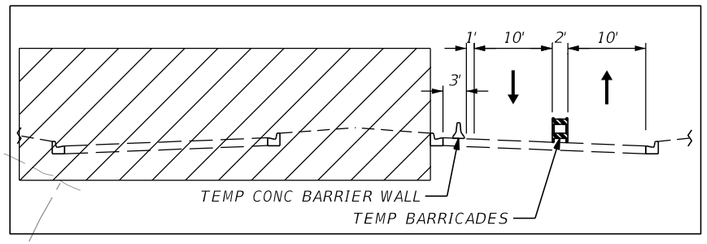
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP PALM PKWY - PLAN 3
PHASE 1 - STAGE 1A

SHEET NO. 579

TYPICAL SECTION A-A



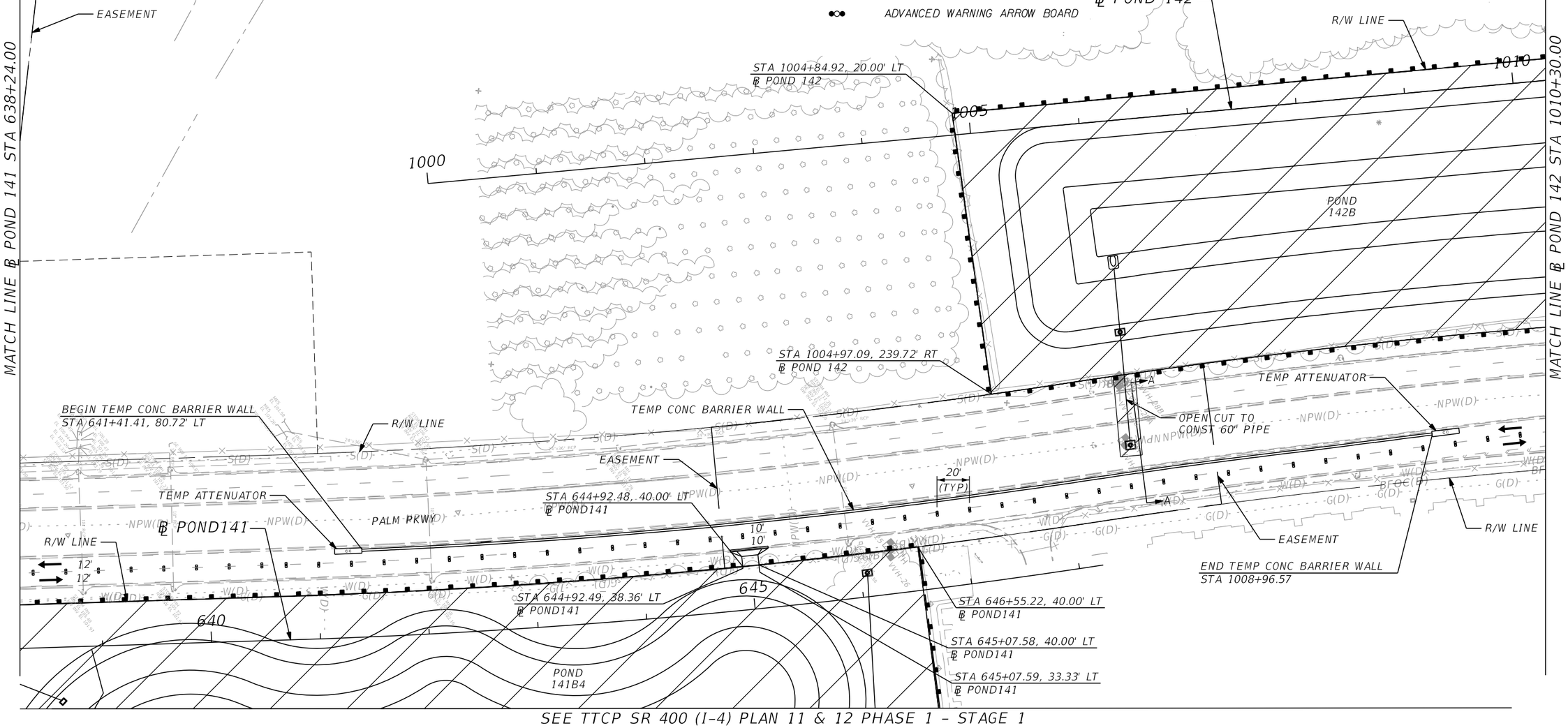
EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

0 20 100
Feet



SEE TTCP SR 400 (I-4) PLAN 11 & 12 PHASE 1 - STAGE 1

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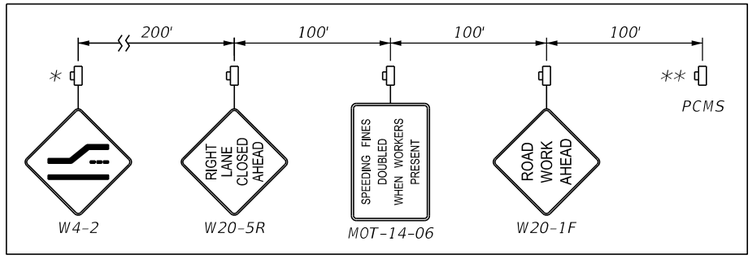
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP PALM PKWY - PLAN 4 PHASE 1 - STAGE 1A

SHEET NO. 580

ADVANCED WARNING SIGN DETAIL



*TO BE PLACED 200' FROM BEGIN LANE MERGE (WITH RESPECT TO DIRECTION OF TRAFFIC)

** PCMS DISPLAY AS FOLLOWS:
DISPLAY 1 REDUCE SPEED
DISPLAY 2 DRIVE WITH CAUTION

0 20 100
Feet

PLAN NOTES

1) TEMP STRIPING IS NOT TO BE USED BUT IS ONLY SHOWN TO AID IN BARRICADE INSTALLATION.

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

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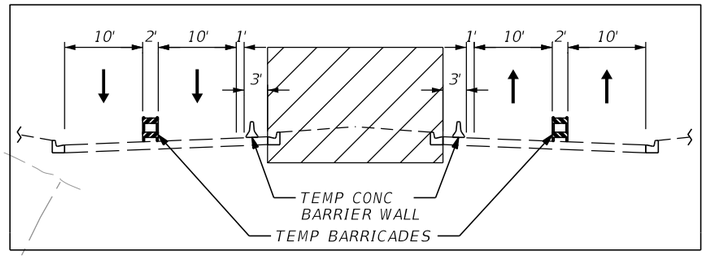
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

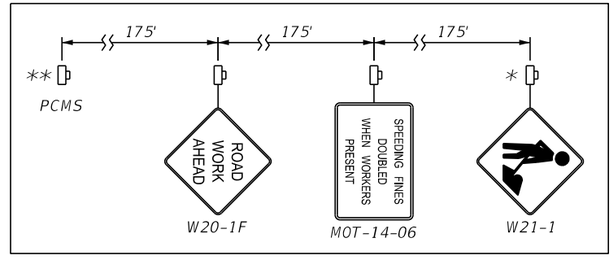
TTCP PALM PKWY - PLAN 5 PHASE 1 - STAGE 1A

SHEET NO. 581

TYPICAL SECTION A-A

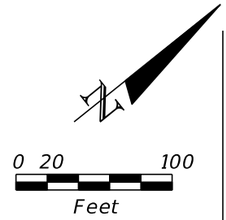


ADVANCED WARNING SIGN DETAIL



*TO BE PLACED 200 FT TO THE SOUTH OF BEGIN TEMP CONC BARRIER WALL

** PCMS DISPLAY AS FOLLOWS:
DISPLAY 1 REDUCE SPEED
DISPLAY 2 DRIVE WITH CAUTION



EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

SEE TTCP SR 400 (I-4) PLAN 11 & 12 PHASE 1 – STAGE 1

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP PALM PKWY - PLAN 4
PHASE 1 - STAGE 1B

SHEET NO. 582

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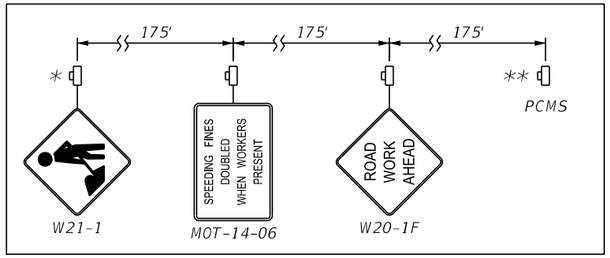
ADVANCED WARNING SIGN DETAIL



*TO BE PLACED 800 FT TO THE NORTH OF END TEMP CONC BARRIER WALL

** PCMS DISPLAY AS FOLLOWS:
DISPLAY 1 REDUCE SPEED
DISPLAY 2 DRIVE WITH CAUTION

0 20 100
Feet

PLAN NOTES

1) TEMP STRIPING IS NOT TO BE USED BUT IS ONLY SHOWN TO AID IN BARRICADE INSTALLATION.

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP PALM PKWY - PLAN 5 PHASE 1 - STAGE 1B

SHEET NO. 583

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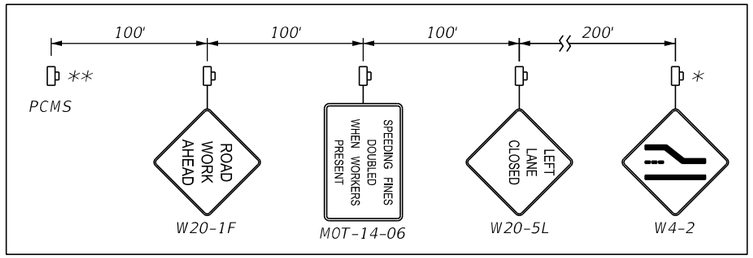
TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

ADVANCED WARNING SIGN DETAIL



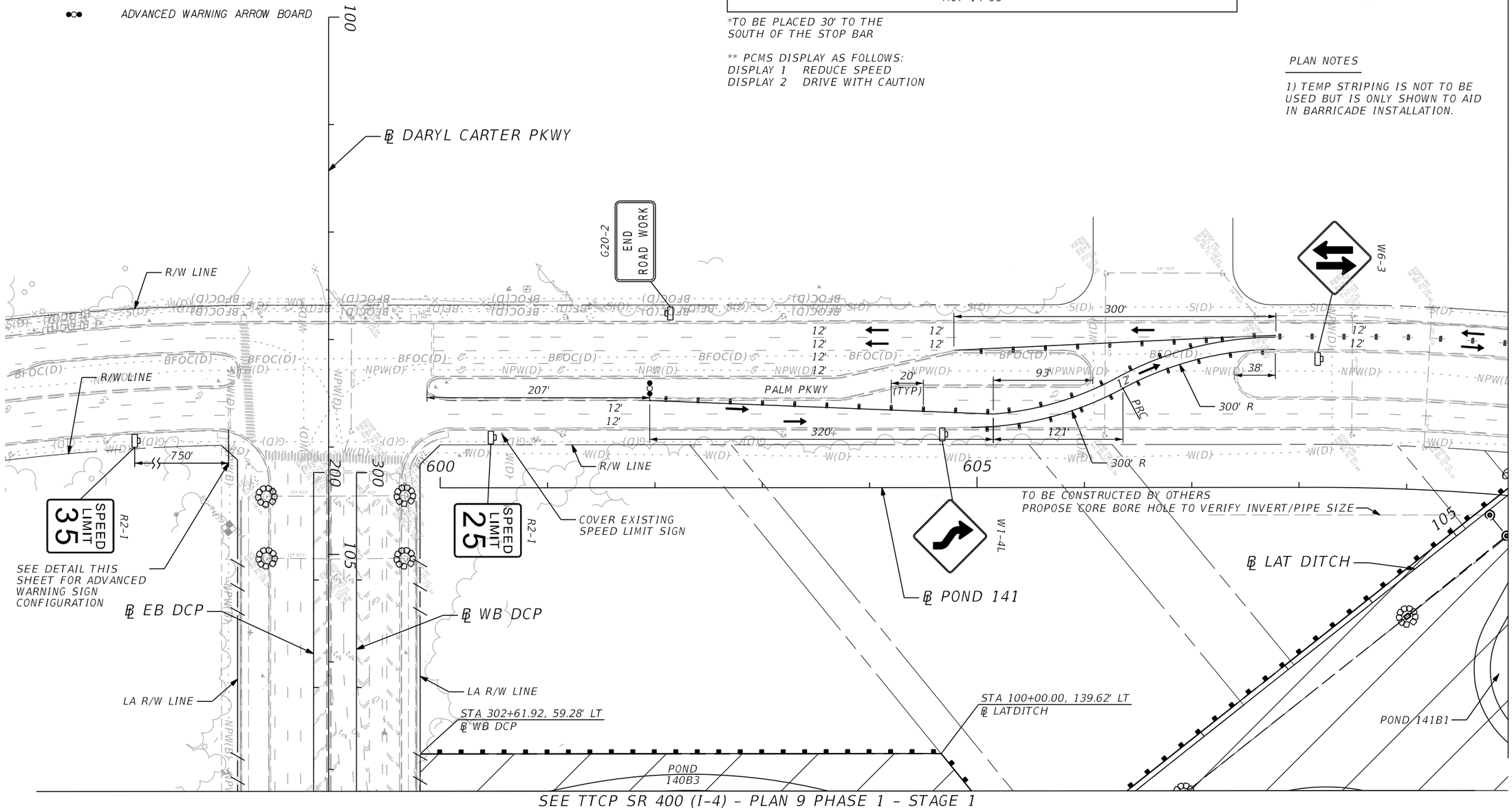
*TO BE PLACED 30' TO THE SOUTH OF THE STOP BAR

** PCMS DISPLAY AS FOLLOWS:
DISPLAY 1 REDUCE SPEED
DISPLAY 2 DRIVE WITH CAUTION

0 20 100
Feet

PLAN NOTES

1) TEMP STRIPING IS NOT TO BE USED BUT IS ONLY SHOWN TO AID IN BARRICADE INSTALLATION.



SEE TTCP SR 400 (I-4) - PLAN 9 PHASE 1 - STAGE 1

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Michael Scott Phillips, P.E.
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP PALM PKWY - PLAN 1 PHASE 1 - STAGE 1C

SHEET NO. 584

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

0 20 100
Feet

MATCH LINE ℄ POND 141 STA 609+95.00

MATCH LINE ℄ POND 141 STA 624+24.00

STA 610+28.34, 40.00' LT
℄ POND141

℄ POND141

R/W LINE

STA 613+98.64, 40.00' LT
℄ POND141

STA 613+96.43, 16.44' LT
℄ POND141

STA 614+13.41, 40.00' LT
℄ POND141

STA 614+11.25, 15.06' LT
℄ POND141

R/W LINE

PALM PKWY

12'
12'

20'
(TYP)

615

620

POND
141B1

POND
141B2

POND
141B3

SEE TTCP SR 400 (I-4) - PLAN 9 & 10 PHASE 1 - STAGE 1

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP PALM PKWY - PLAN 2
PHASE 1 - STAGE 1C

SHEET NO.
585

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

0 20 100
Feet

MATCH LINE ℄ POND 141 STA 624+24.00

MATCH LINE ℄ POND 141 STA 638+24.00

R/W LINE

R/W LINE

12'
12'

PALM PKWY

℄ POND141

20'
(TYP)

EASEMENT

STA 637+62.89, 40.00' LT
℄ POND141
STA 637+63.25, 49.19' LT
℄ POND141
STA 637+19.66, 49.23' LT
℄ POND141
STA 637+19.38, 40.00' LT
℄ POND141

625

630

635

POND
141B3

POND FPC 141

SEE TTCP SR 400 (I-4) - PLAN 10 & 11 PHASE 1 - STAGE 1

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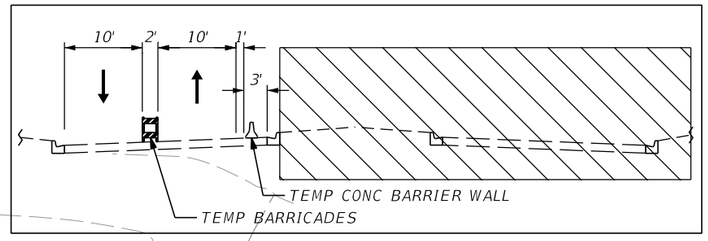
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP PALM PKWY - PLAN 3 PHASE 1 - STAGE 1C

SHEET NO. 586

TYPICAL SECTION A-A



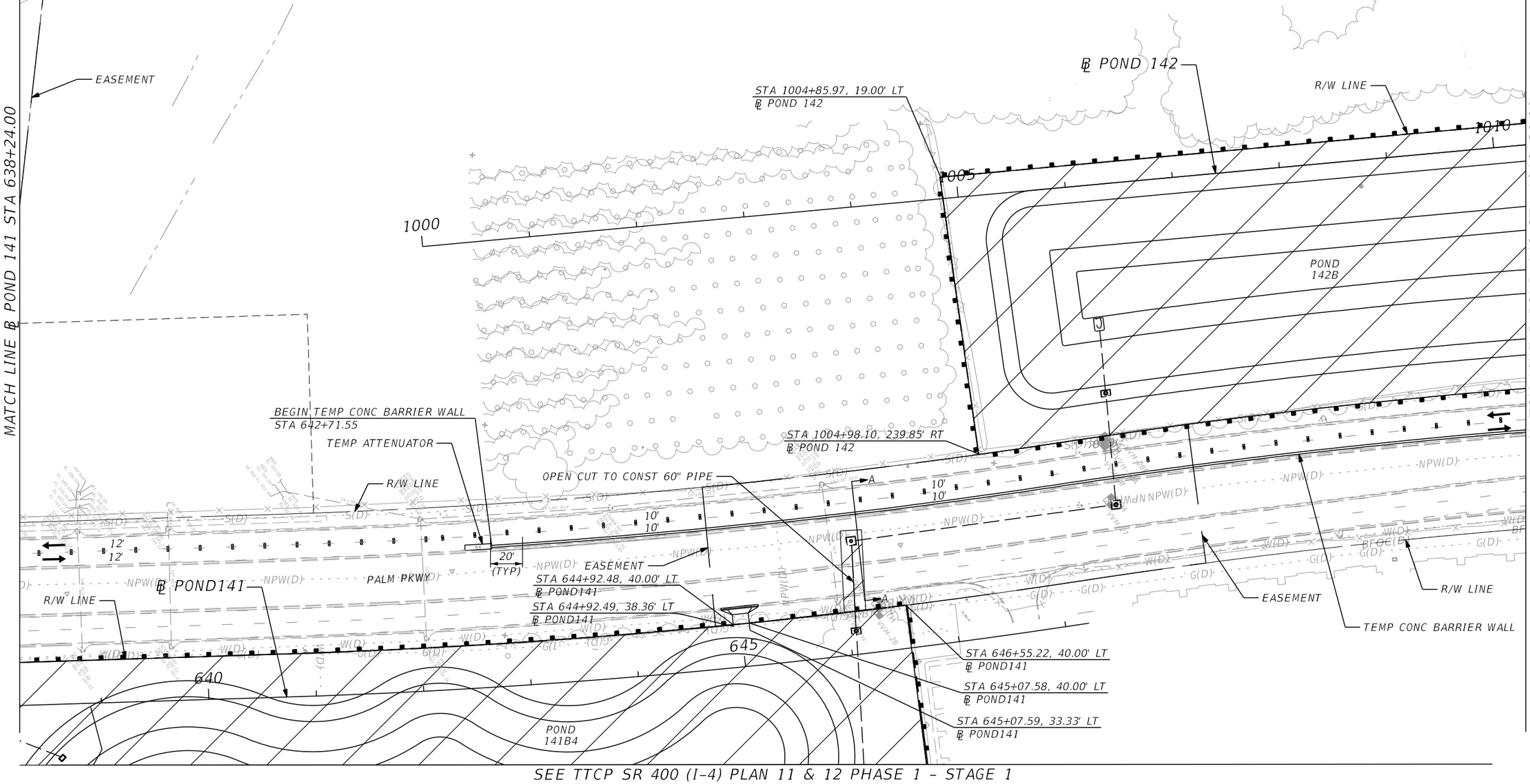
TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

0 20 100
Feet



SEE TTCP SR 400 (I-4) PLAN 11 & 12 PHASE 1 - STAGE 1

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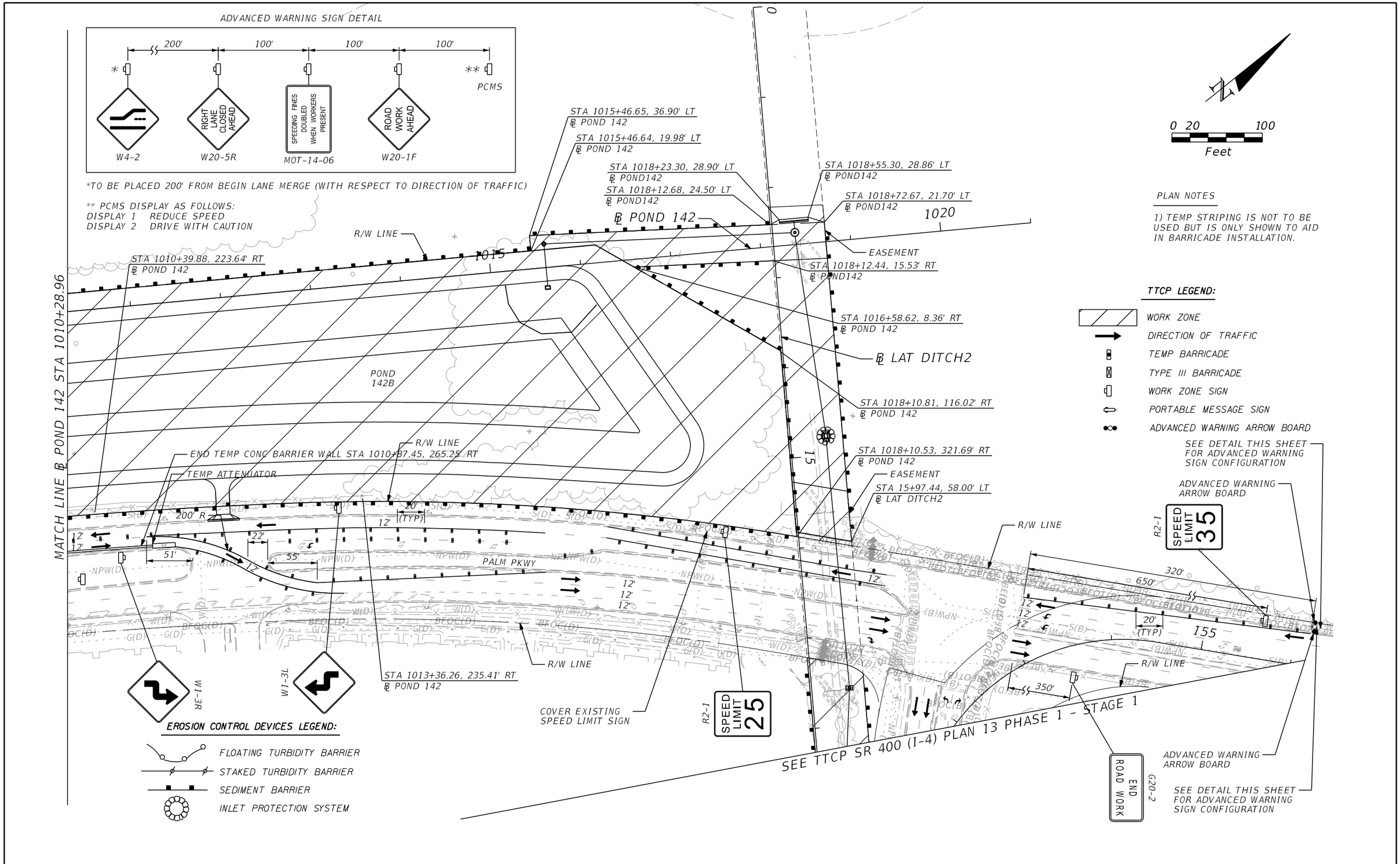
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP PALM PKWY - PLAN 4 PHASE 1 - STAGE 1C

SHEET NO. 587



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP PALM PKWY - PLAN 5
PHASE 1 - STAGE 1C

SHEET NO.
588

glen.dvorovy 5/7/2020 6:59:05 PM c:\pwworking\aecom_na\glen.dvorovy\d0177900\TCPLRD20_P1S1_C.dgn

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)													MITERED END SECTION (EA)				DITCH BOTTOM INLET (EA)	REMARKS
							ROUND									JACK AND BORE				18"	24"	30"	36"	TYPE E	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	24"	48"	54"	60"						CONC. COLLAR CONNECT TO EXISITNG 18" PIPE
P	T-100	684+24.91	BL400	LT.	CONC. COLLAR	1																		1	
F																									
P	T-101	684+33.71	BL400	LT.	INLET, PIPE	1	254.00																	1	
F																									
P	T-102	686+91.58	BL400	LT.	MES	1														1					
F																									CONC. COLLAR CONNECT TO EXISITNG PIPE
P	T-104	700+90.90	BL400	LT.	MES, Pipe	1	21.00													1					
F																									
P	T-100A	108+61.11	CLDCP	LT.	TEMP TOP	1																			
F																									
P	T-101A	108+61.11	CLDCP	RT.	TEMP TOP	1																			
F																									
P	T-102A	115+54.19	CLDCP	LT.	TEMP TOP	1																			
F																									
P	T-103A	115+55.34	CLDCP	RT.	TEMP TOP	1																			
F																									
P		676+60.45	BL400		Pipe	1													151.00						JACK AND BORE
F																									
P		676+60.45	BL400		Pipe	1													113.00						JACK AND BORE
F																									
P		658+01.26	BL400		Pipe	1												114.00							JACK AND BORE
F																									
P		654+60.34	BL400	RT.	Pipe	1												111.00							JACK AND BORE
F																									
P		705+69.47	BL400	RT.	Pipe	1										102.00									JACK AND BORE
F																									
P		706+74.56	BL400	RT.	Pipe	1											205.00								JACK AND BORE
F																									
P		706+67.71	BL400		Pipe	1												247.00							JACK AND BORE
F																									
P		706+62.00	BL400		Pipe	1												84.00							JACK AND BORE
F																									
P		16+18.82	LATDITCH2	LT.	Pipe	1													169.00						JACK AND BORE
F																									
P																									
F																									
P																									
F																									
Sheet Summary					P Total		275.00	0	0	0	0	0	0	0	0	102.00	205.00	556.00	433.00	2	0	0	0	2	
					F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

TEMPORARY STRUCTURE TOP
EACH
4

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP - PHASE 1 STAGE 1 TEMP DRAINAGE QUANTITIES

SHEET NO. 589

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

0 20 100
Feet

℄ EB DCP
STA 203+57.54, 94.54' LT
℄ EB DCP
STA 203+65.52, 97.27' RT
℄ EB DCP
STA 304+79.05, 146.49' RT
℄ WB DCP
STA 639+04.52, 303.66' LT
℄ SURVEY SR 400 (I-4)
LA R/W LINE
STA 637+00.02, 239.94' LT
℄ SURVEY SR 400 (I-4)
STA 639+06.31, 292.25' LT
℄ SURVEY SR 400 (I-4)
STA 637+00.02, 149.00' LT
℄ SURVEY SR 400 (I-4)
W1-4d
BEGIN TEMP CONC BARRIER WALL
STA 632+30.00
TEMP STRIPING
BEGIN LANE SHIFT
STA 632+30.00
POND
140B1
END LANE SHIFT
STA 636+88.00
TEMP CONC BARRIER WALL
EDGE OF TEMP PAVEMENT
℄ SURVEY SR 400 (I-4)
℄ DARYL CARTER PKWY
℄ WB DCP
TEMP CONC
BARRIER WALL
℄ RAMP IB_DCP
LA R/W LINE
MATCH LINE SR 400 (I-4) STA 645+00.00

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 8
PHASE 1 - STAGE 2

SHEET NO. 590

glen.dvorovy 5/7/2020 6:59:17 PM c:\pwworking\aecom_na\glen.dvorovy\d0177900\TCPLRD08_P1S2.dgn

℄ WB DCP
R/W LINE
POND 140B3
POND 141B1
0 20 100
Feet
℄ RAMP D_DCP
℄ CONST IWBCD2
LA R/W LINE
POND 140B2
EDGE OF TEMP PAVEMENT
TEMP CONC BARRIER WALL
TEMP STRIPING
℄ RAMP ISLIP1
℄ SURVEY SR 400 (I-4)
℄ EB DCP
TEMP CONC BARRIER WALL
℄ RAMP IC_DCP
LA R/W LINE
EXISTING POND C
TEMPORARY EASEMENT
MATCH LINE SR 400 (I-4) STA 645+00.00
MATCH LINE SR 400 (I-4) STA 660+00.00

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

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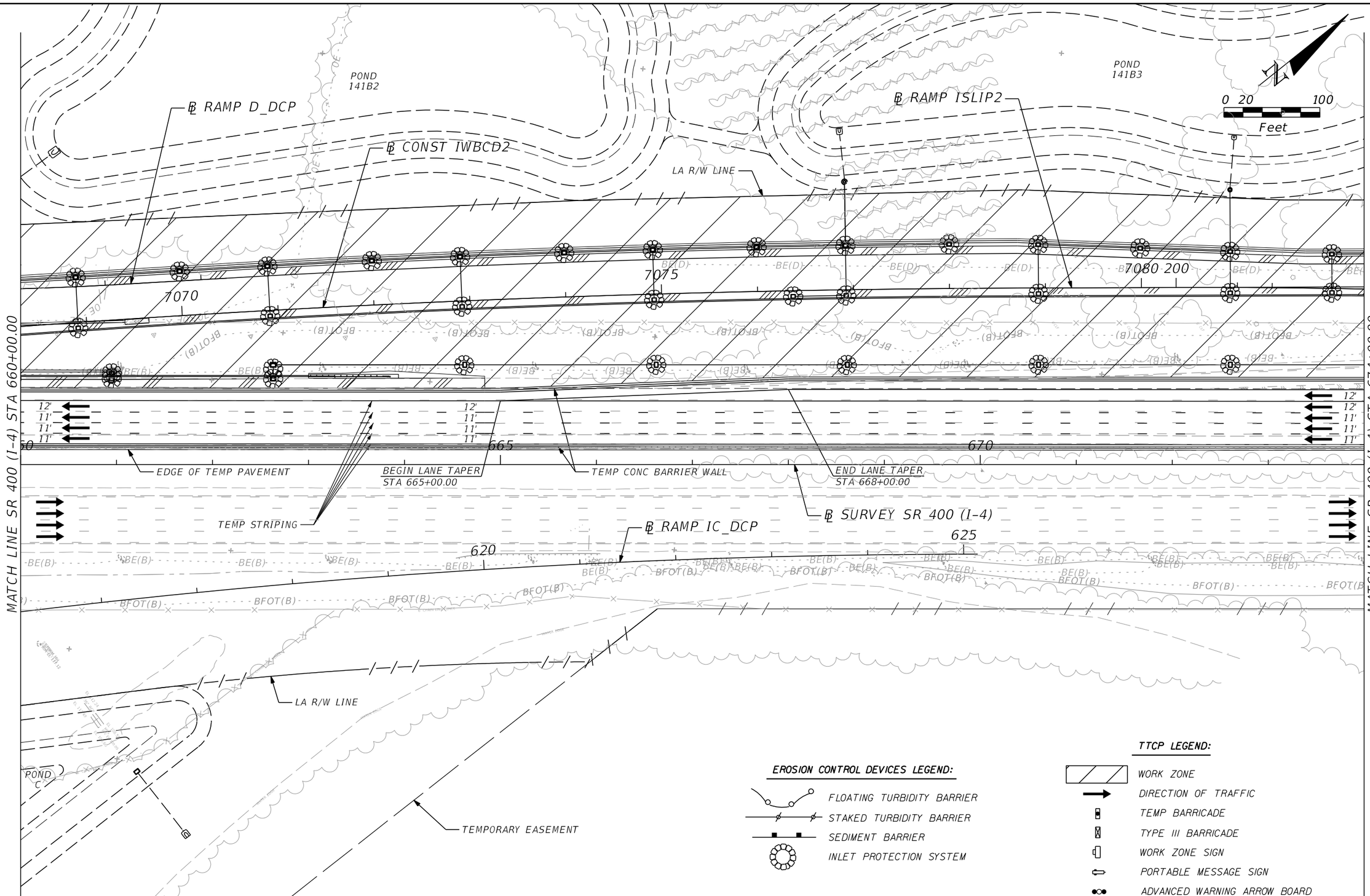
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 9
PHASE 1 - STAGE 2

SHEET NO. 591



EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

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STATE OF FLORIDA
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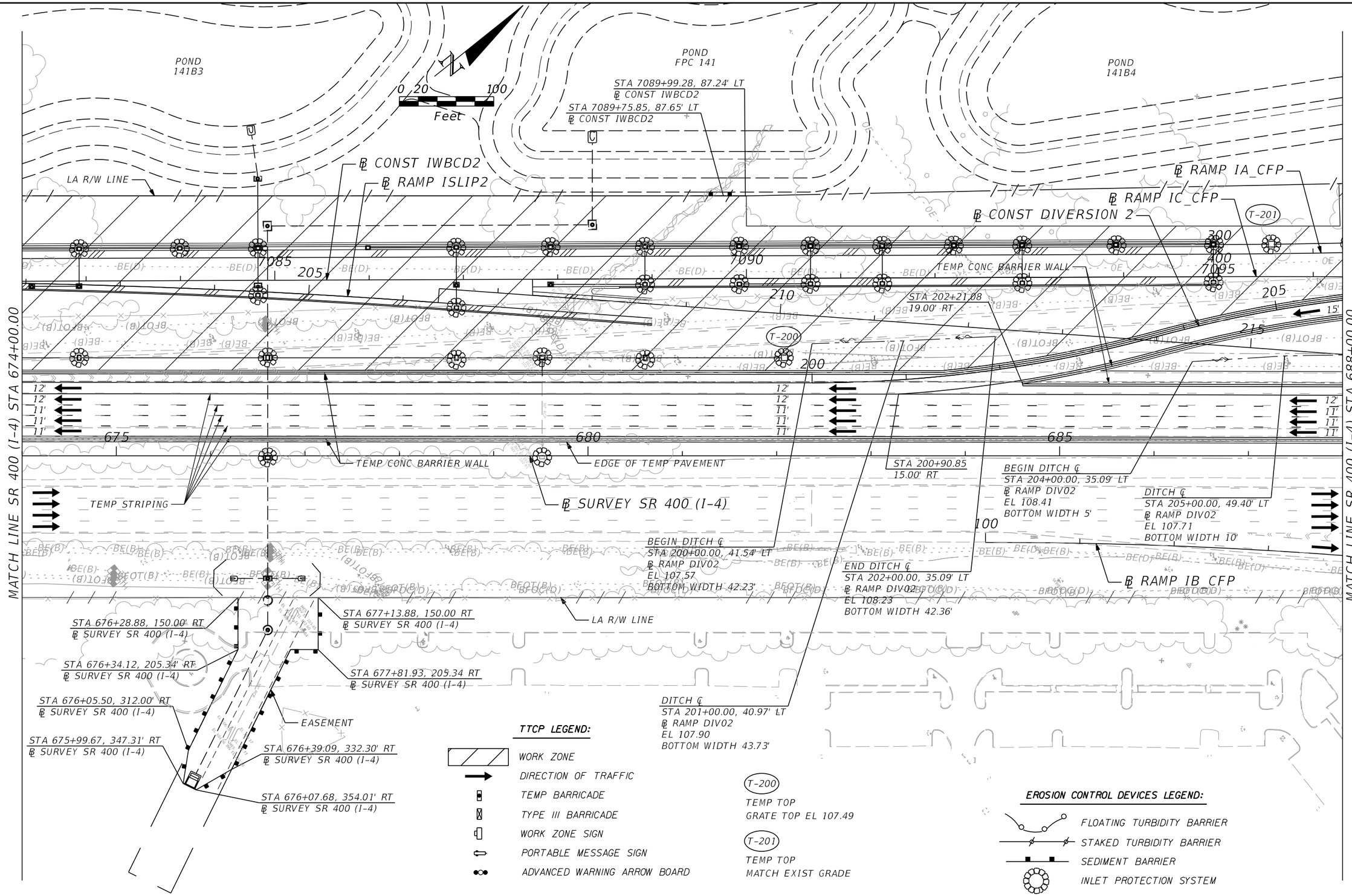
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 10
PHASE 1 - STAGE 2

SHEET NO. 592



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 11
PHASE 1 - STAGE 2

SHEET NO. 593

glen.dvorovy 5/7/2020 6:59:38 PM c:\pwworking\aecom_na\glen.dvorovy\d0177900\TCPLRD11_PIS2.dgn

℄ RAMP IA_CFP
POND
141B4
R/W LINE
TEMP CONC BARRIER WALL
END LANE SHIFT
BEGIN TEMP CONC BARRIER WALL
STA 104+63.00
STA 305+99.87, 20.46' LT
℄ CONST IA_CFP
STA 310+36.97, 32.77' LT
℄ CONST IA_CFP
BEGIN LANE SHIFT
STA 103+63.00
0 20 100
Feet
SPEED LIMIT 35
R-2-1
LA R/W LINE
CONST 29' OF 36" PIPE
JACK AND BORE
UNDER RAMP DIV02
T-202
℄ CONST DIVERSION 2
305
310
405
℄ RAMP IC_CFP
EDGE OF PAVEMENT
END TEMP CONC BARRIER WALL
STA 206+51.00
BEGIN ℄ CONST DIVERSION 1 STA 100+00.00=
℄ SURVEY SR400 (I-4) STA 695+90.96, 76.27' LT
15'
TEMP ATTENUATOR
CONST 103' OF 36" PIPE
T-203
TEMP STRIPING
105
DIV011
18.5'
100
12'
11'
11'
11'
690
695
700
℄ RAMP ISLIP2
TEMP CONC BARRIER WALL
EDGE OF TEMP PAVEMENT
℄ CONST DIVERSION 1
END DITCH ℄
STA 206+00.00, 60.96' LT
℄ RAMP DIV02
EL 107.01
BOTTOM WIDTH 5'
105
℄ SURVEY SR 400 (I-4)
BEGIN LANE SHIFT
STA 700+05.00
END TEMP CONC BARRIER WALL
STA 701+50.00
TEMP ATTENUATOR
℄ RAMP IB_CFP
LA R/W LINE
LA R/W LINE
MATCH LINE SR 400 (I-4) STA 688+00.00
MATCH LINE SR 400 (I-4) STA 702+00.00

T-202
CONST GUTTER INLET TYPE S
ELEV. 11.58 (EOS)
FL 101.00 RT
FL 100.90 LT
FL 106.30 BK

T-203
CONST TEMP DBI
TOP EL 106.88
FL 101.99

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

CURVE DATA DIV011
PI STA. = 103+11.27
Δ = 13° 39' 14" (LT)
D = 2° 12' 13"
T = 311.27
L = 619.60
R = 2,600.00
PC STA. = 100+00.00
PRC STA. = 106+19.60
e = NC

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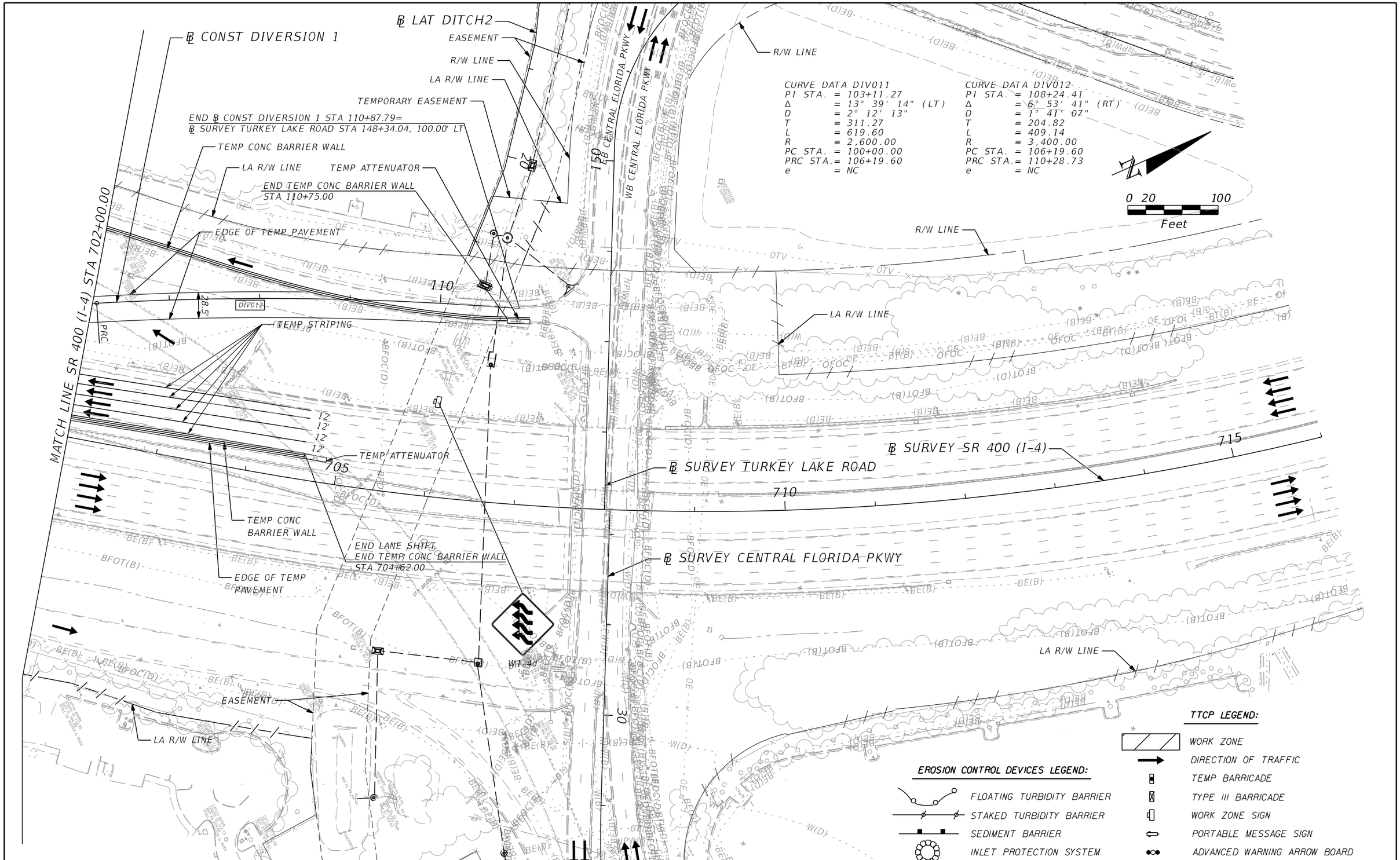
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 12
PHASE 1 - STAGE 2

SHEET NO. 594



CURVE DATA DIV011
PI STA. = 103+11.27
Δ = 13° 39' 14" (LT)
D = 2° 12' 13"
T = 311.27
L = 619.60
R = 2,600.00
PC STA. = 100+00.00
PRC STA.= 106+19.60
e = NC

CURVE DATA DIV012
PI STA. = 108+24.41
Δ = 6° 53' 41" (RT)
D = 1° 41' 07"
T = 204.82
L = 409.14
R = 3,400.00
PC STA. = 106+19.60
PRC STA.= 110+28.73
e = NC

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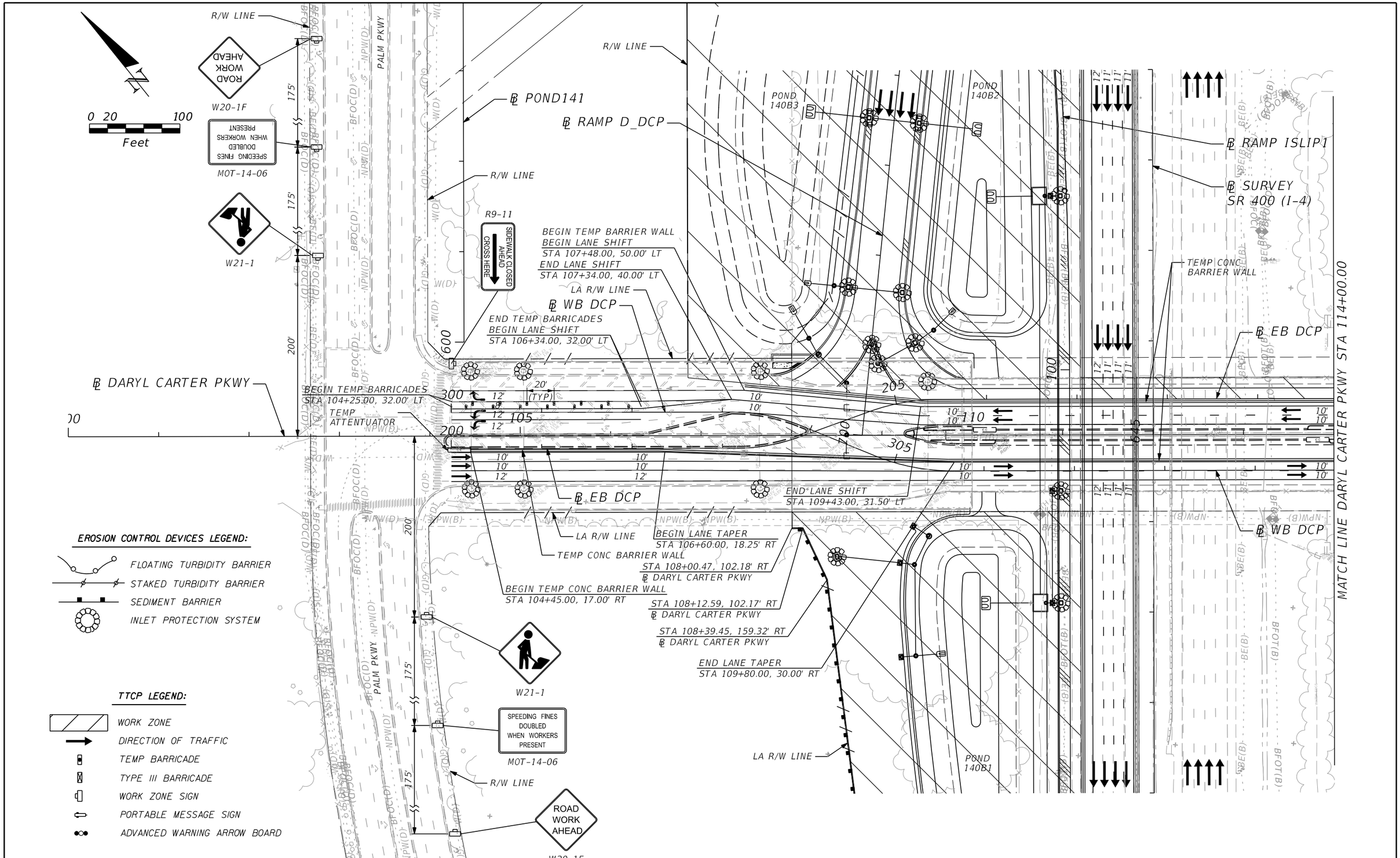
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 13
PHASE 1 - STAGE 2

SHEET NO.
595

glen.dvorovy 5/7/2020 6:59:52 PM c:\pwworking\aecom_na\glen.dvorovy\d0177900\TCPLRD13_P1S2.dgn



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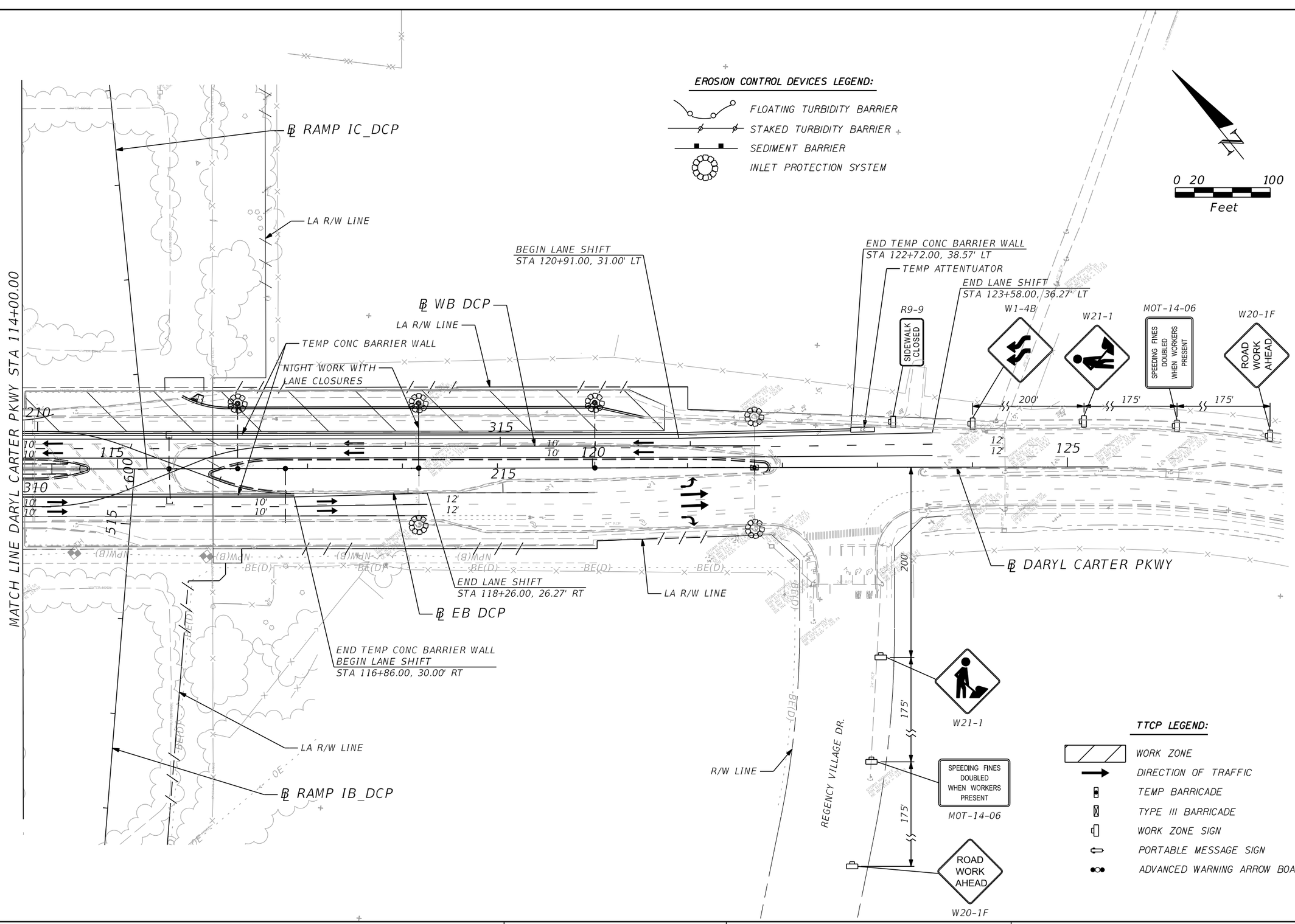
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP DARYL CARTER PKWY - PLAN 1 PHASE 1 - STAGE 2

SHEET NO. 596



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www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP DARYL CARTER PKWY - PLAN 2 PHASE 1 - STAGE 2

SHEET NO. 597

QUANTITY	STR. NO.	STATION	ALIGNMENT	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL (LF)													GUTTER INLET TYPE S (EA)				DITCH BOTTOM INLET (EA)	REMARKS
							ROUND									JACK AND BORE				18"	24"	30"	36"	TYPE E	
							18"	24"	30"	36"	42"	48"	54"	60"	66"	24"	36"	54"	60"						
P	T-200	682+08.29	BL400	LT.	TEMP TOP	1																			
F																									
P	T-201	687+24.41	BL400	LT.	TEMP TOP	1																			
F																									
P	T-202	688+57.87	BL400	LT.	INLET, PIPE	1				29.00													1		
F																									
P	T-203	688+60.37	BL400	LT.	INLET, PIPE	1											103.00							1	JACK AND BORE
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	F Total						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

TEMPORARY STRUCTURE TOP
EACH
2

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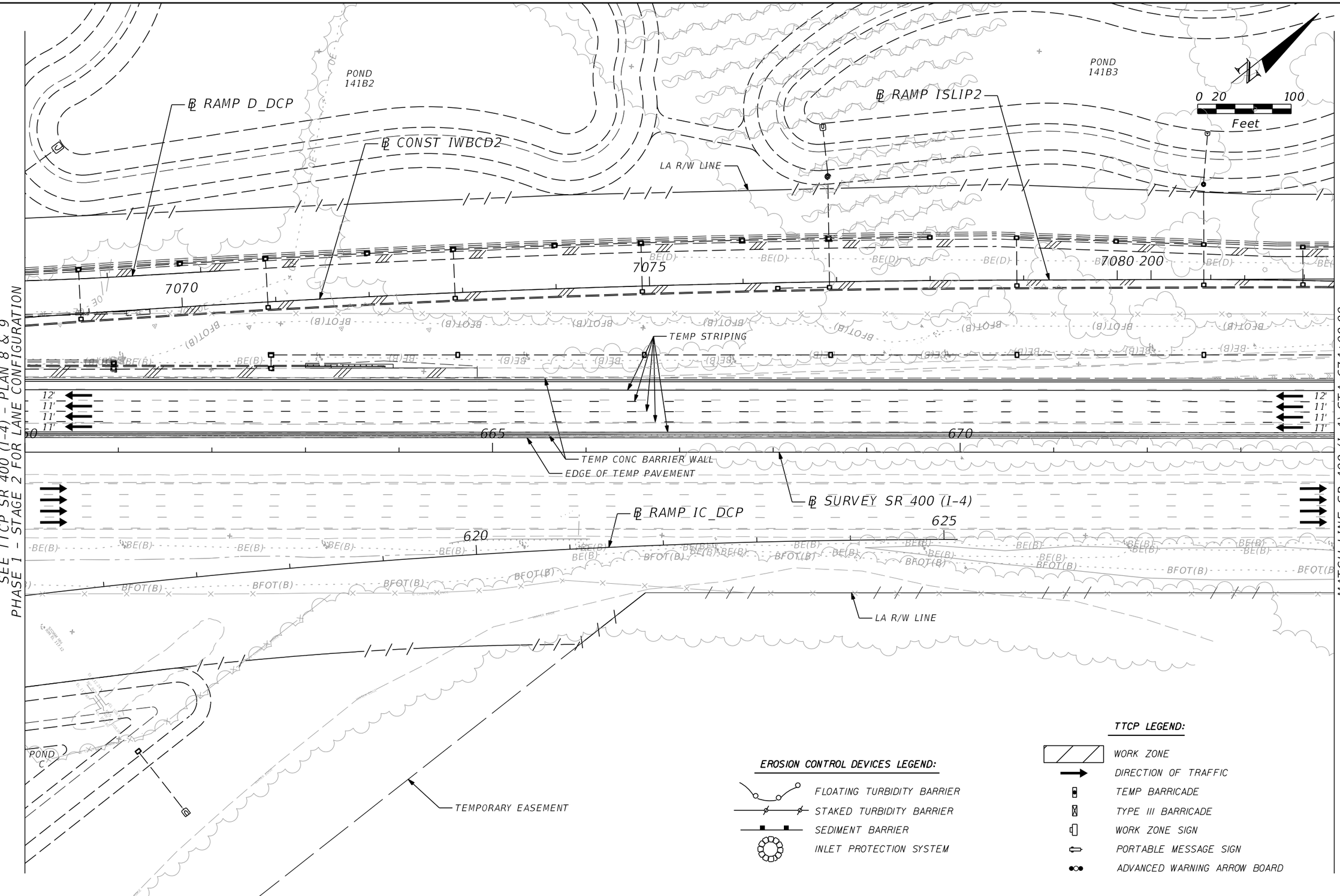
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP PHASE 1 STAGE 2 TEMP DRAINAGE QUANTITIES

SHEET NO. 598



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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 10
PHASE 1 - STAGE 3

SHEET NO. 599

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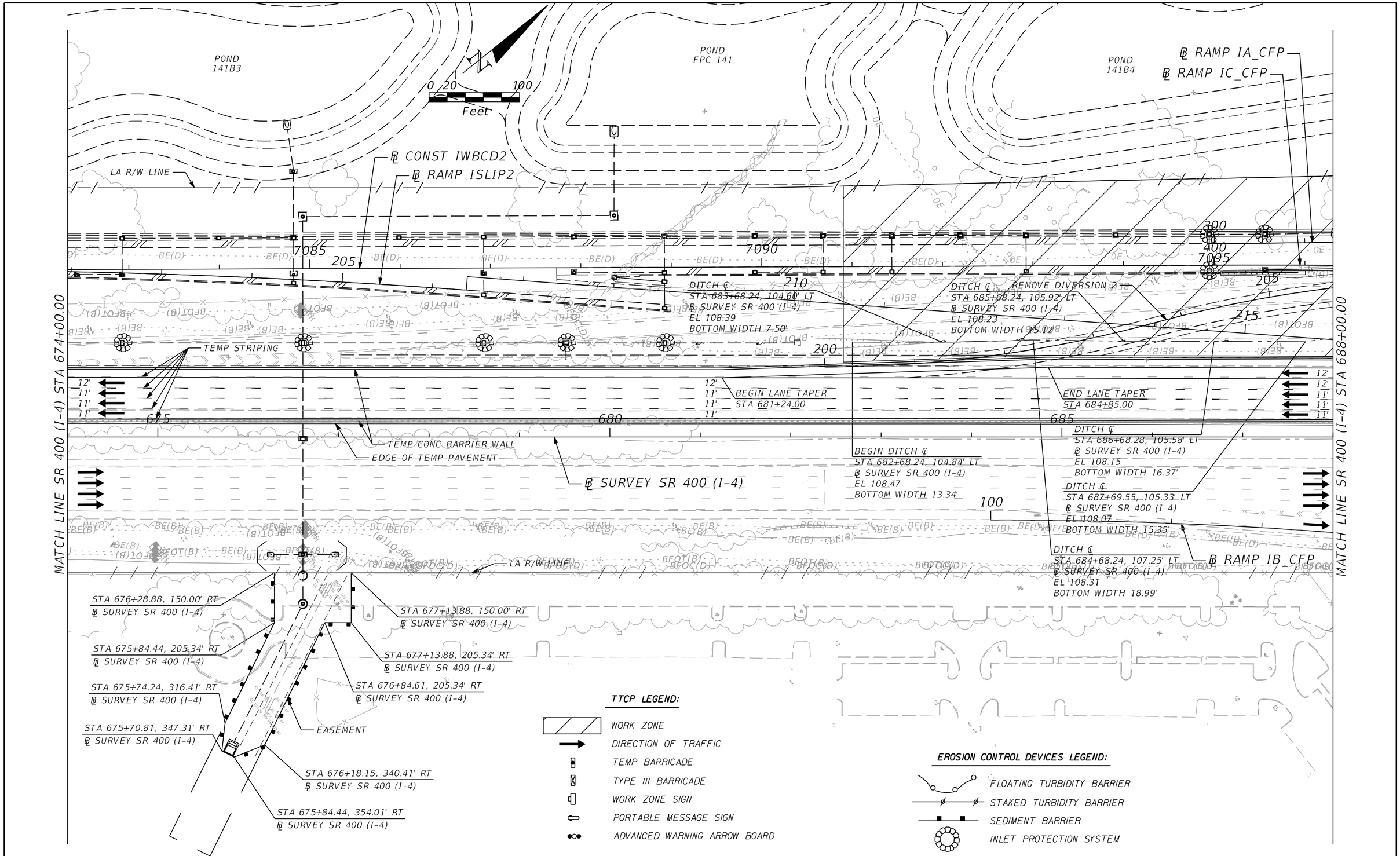

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 11
PHASE 1 - STAGE 3

SHEET NO.
600

℄ RAMP IA_CFP

POND
141B4

℄ RAMP IC_CFP

R/W LINE

LA R/W LINE

0 20 100
Feet

305

310

405

END DITCH C
STA 686+70.24, 118.13' LT
℄ SURVEY SR 400 (I-4)
EL 107.99
BOTTOM WIDTH 44.24'

105

100

105

TEMP CONC BARRIER WALL

12'
12'
11'
11'
11'

690

695

700

12'
11'
11'
11'

REMOVE DIVERSION 2

℄ RAMP ISLIP2

TEMP CONC BARRIER WALL

EDGE OF TEMP PAVEMENT

℄ SURVEY SR 400 (I-4)

℄ CONST DIVERSION 1

BEGIN TEMP CONC BARRIER WALL
STA 700+05.00

BEGIN LANE SHIFT
STA 700+05.00

END TEMP CONC BARRIER WALL
STA 701+50.00

TEMP ATTENUATOR

TEMP STRIPING

℄ RAMP IB_CFP

105

LA R/W LINE

LA R/W LINE

MATCH LINE SR 400 (I-4) STA 688+00.00

MATCH LINE SR 400 (I-4) STA 702+00.00

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 12
PHASE 1 - STAGE 3

SHEET NO. 601

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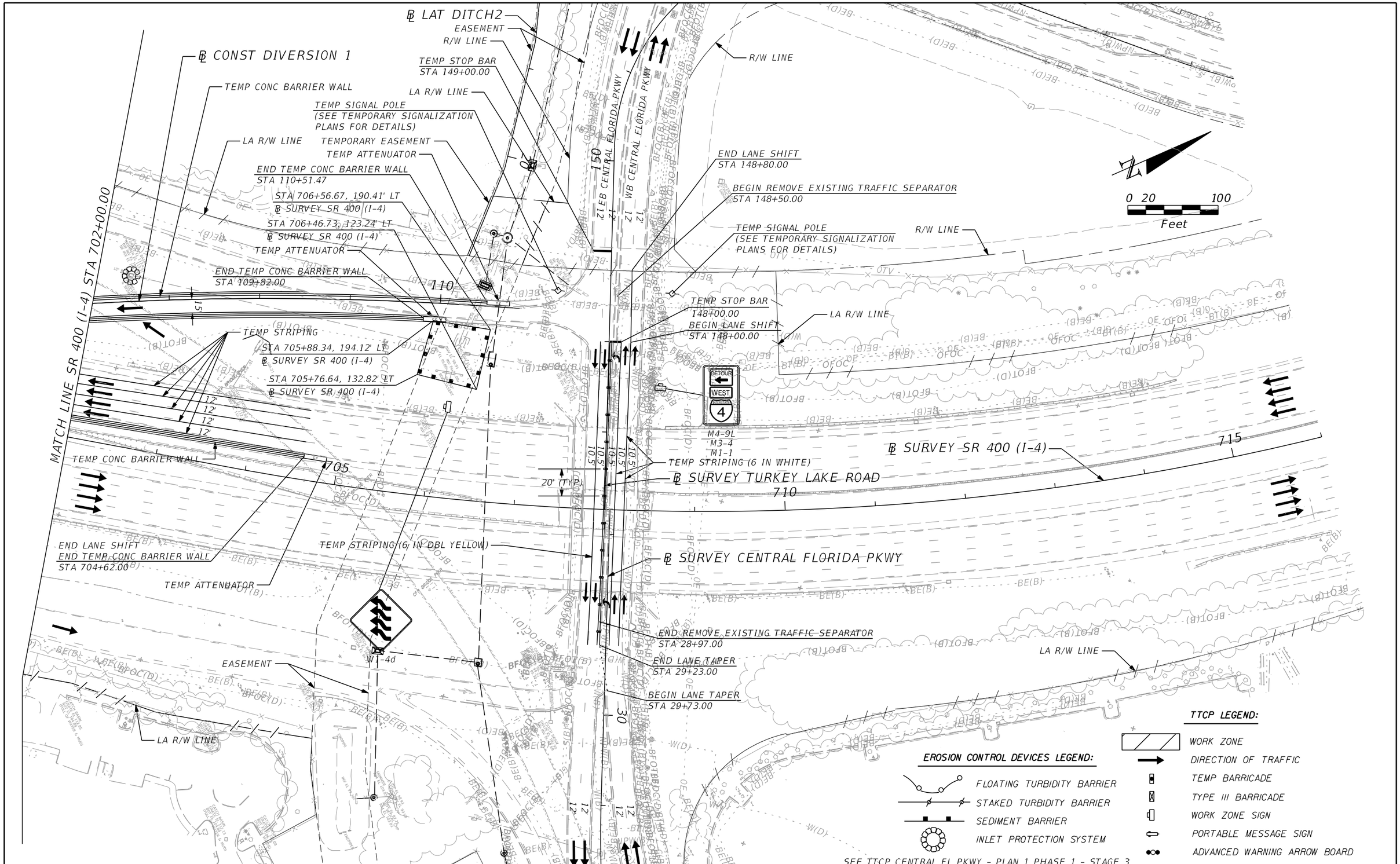

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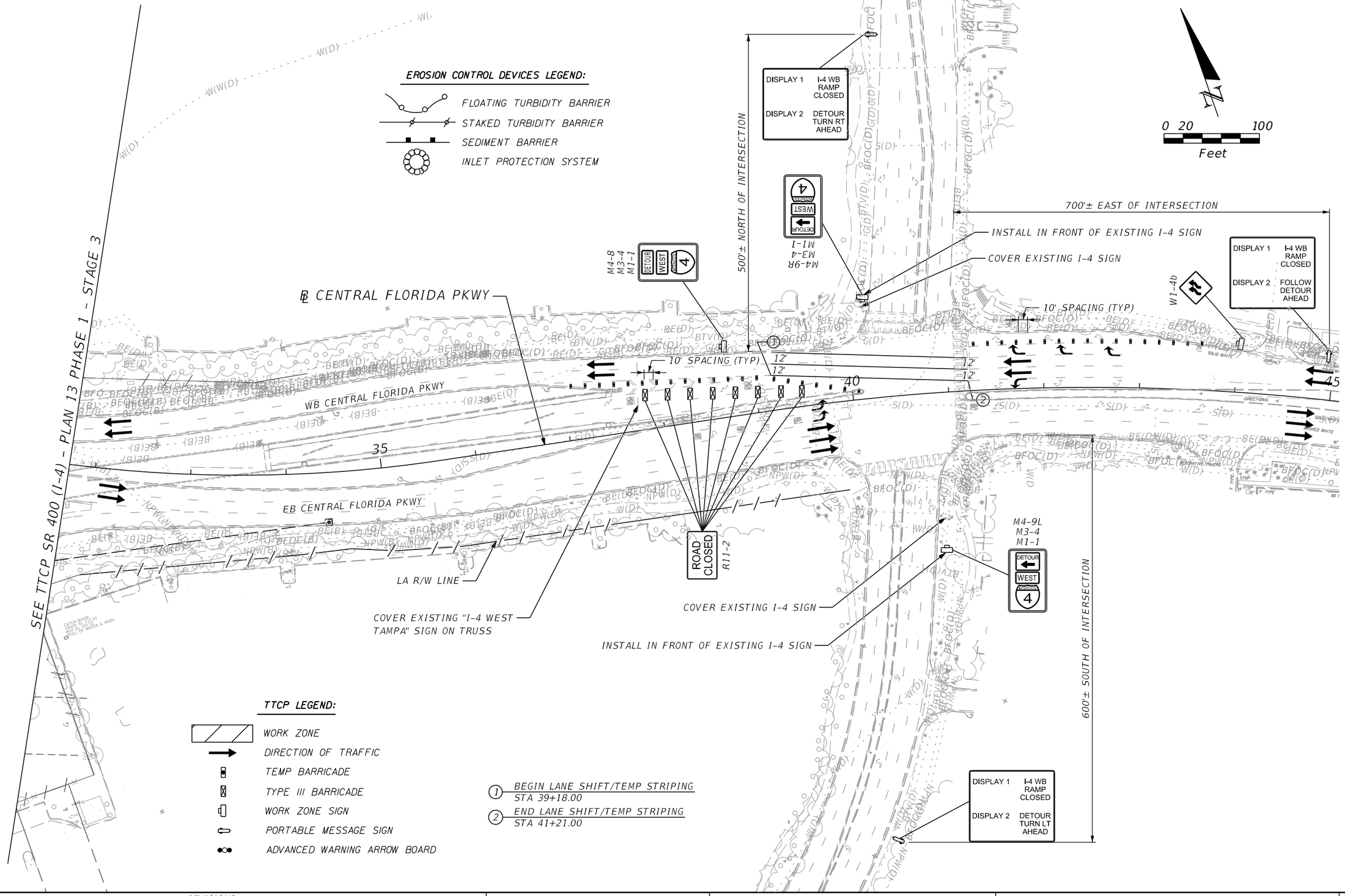
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 13
PHASE 1 - STAGE 3

SHEET NO.
602



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Florida Certificate No. 4695
Surveyor Business LB 7860
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP CENTRAL FL PKWY - PLAN 1 PHASE 1 - STAGE 3

SHEET NO. 603

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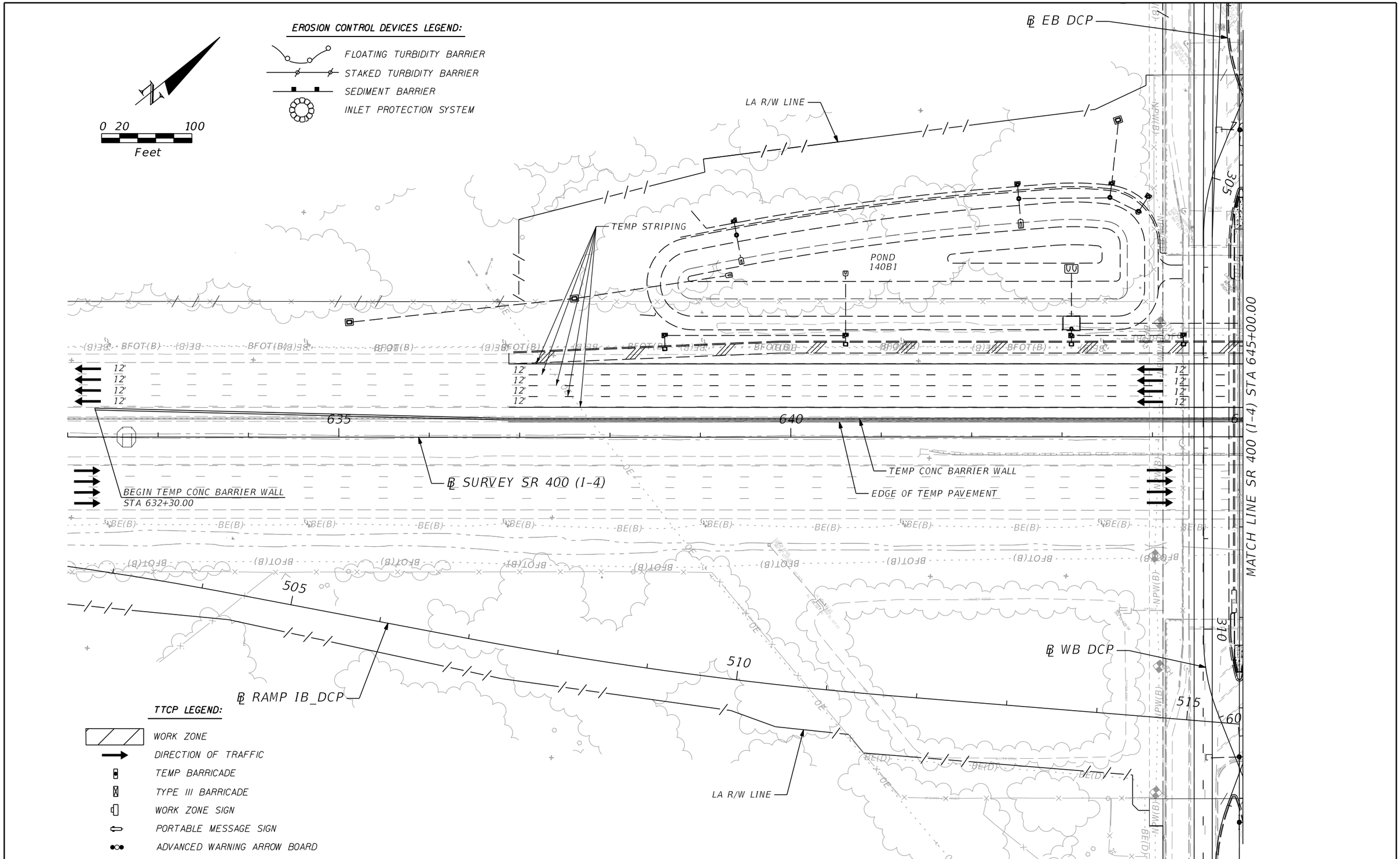

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 8
PHASE 1 - STAGE 4

SHEET NO.
604

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℄ WB DCP

R/W LINE

POND 140B3

POND 141B1

0 20 100
Feet

℄ RAMP D_DCP

℄ CONST IWBCD2

LA R/W LINE

100' (TYP)

POND 140B2

℄ RAMP ISLIP1

12'
12'
12'
12'

℄ EB DCP

TEMP CONC BARRIER WALL

EDGE OF TEMP PAVEMENT

℄ SURVEY SR 400 (I-4)

TEMP STRIPING

BEGIN LANE SHIFT
STA 658+40.00

MATCH LINE SR 400 (I-4) STA 645+00.00

MATCH LINE SR 400 (I-4) STA 660+00.00

℄ RAMP IC_DCP

LA R/W LINE

LA R/W LINE

POND C

EXISTING POND C

TEMPORARY EASEMENT

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 9
PHASE 1 - STAGE 4

SHEET NO. 605

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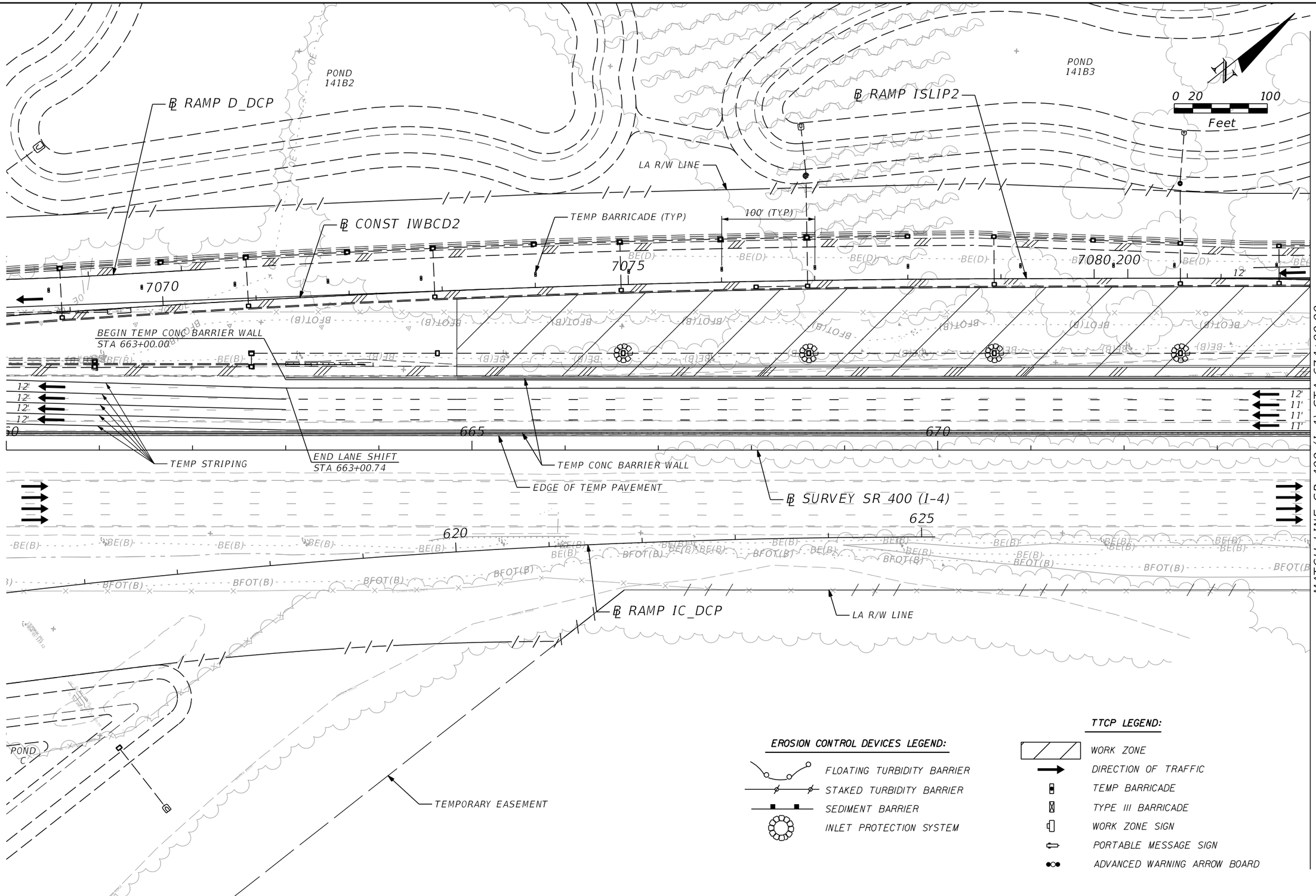

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 10
PHASE 1 - STAGE 4

SHEET NO. 606

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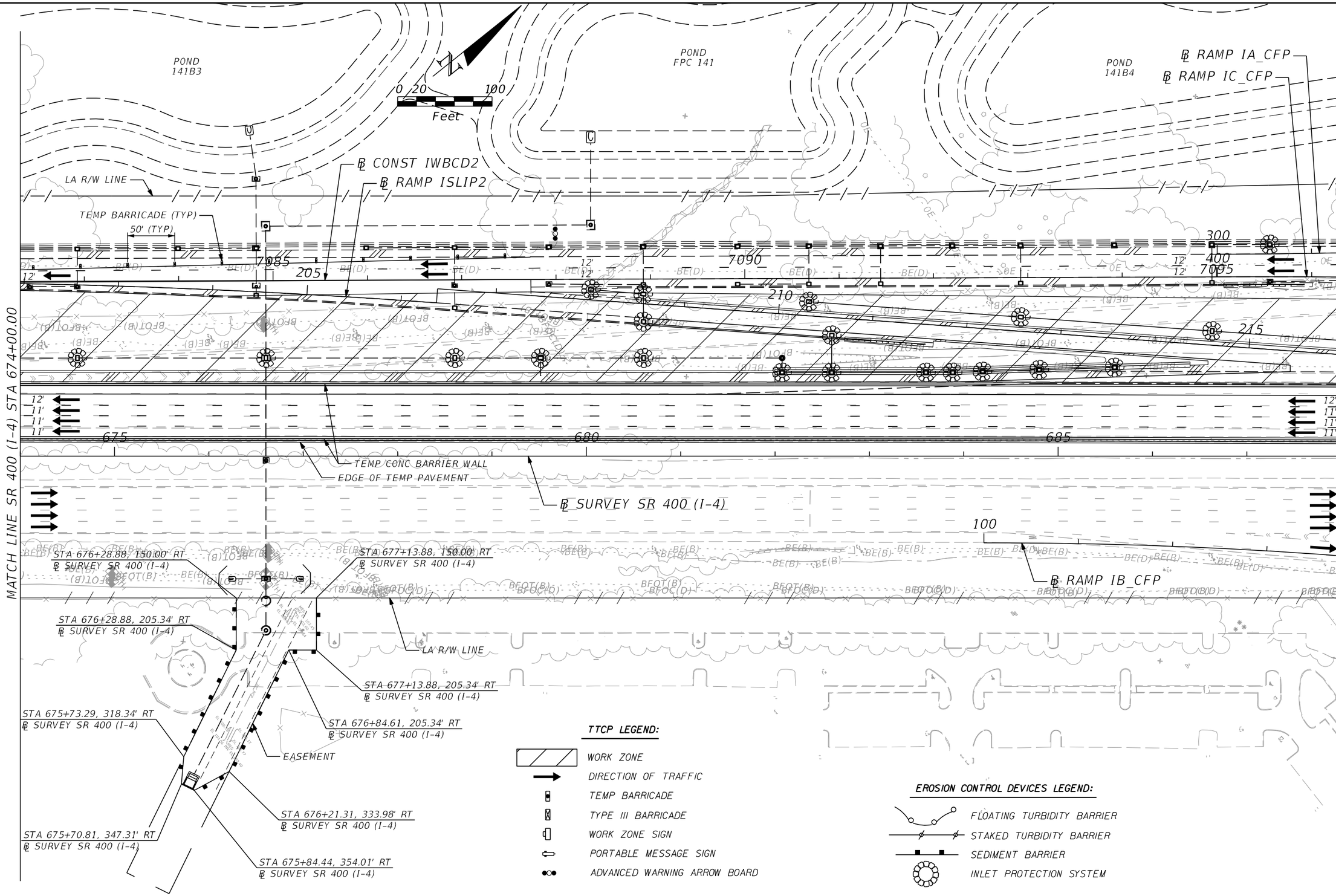

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 11
PHASE 1 - STAGE 4

SHEET NO.
607

℄ RAMP IA_CFP

POND
141B4

℄ RAMP IC_CFP

R/W LINE

END TEMP STRIPING
STA 305+05.00

LA R/W LINE

305

310

405

TEMP CONC BARRIER WALL

END LANE SHIFT
BEGIN TEMP CONC BARRIER WALL
STA 104+63.00

BEGIN LANE SHIFT
STA 103+63.00

REMOVE DIVERSION 1

0 20 100
Feet

MATCH LINE SR 400 (I-4) STA 688+00.00

12'
11'
11'
11'

690

695

700

℄ RAMP ISLIP2

TEMP CONC BARRIER WALL

EDGE OF TEMP PAVEMENT

℄ SURVEY SR 400 (I-4)

TEMP STRIPING

BEGIN LANE SHIFT
STA 700+05.00

END TEMP CONC BARRIER WALL
STA 701+50.00

TEMP ATTENUATOR

MATCH LINE SR 400 (I-4) STA 702+00.00

℄ RAMP IB_CFP

105

LA R/W LINE

LA R/W LINE

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 12
PHASE 1 - STAGE 4

SHEET NO. 608

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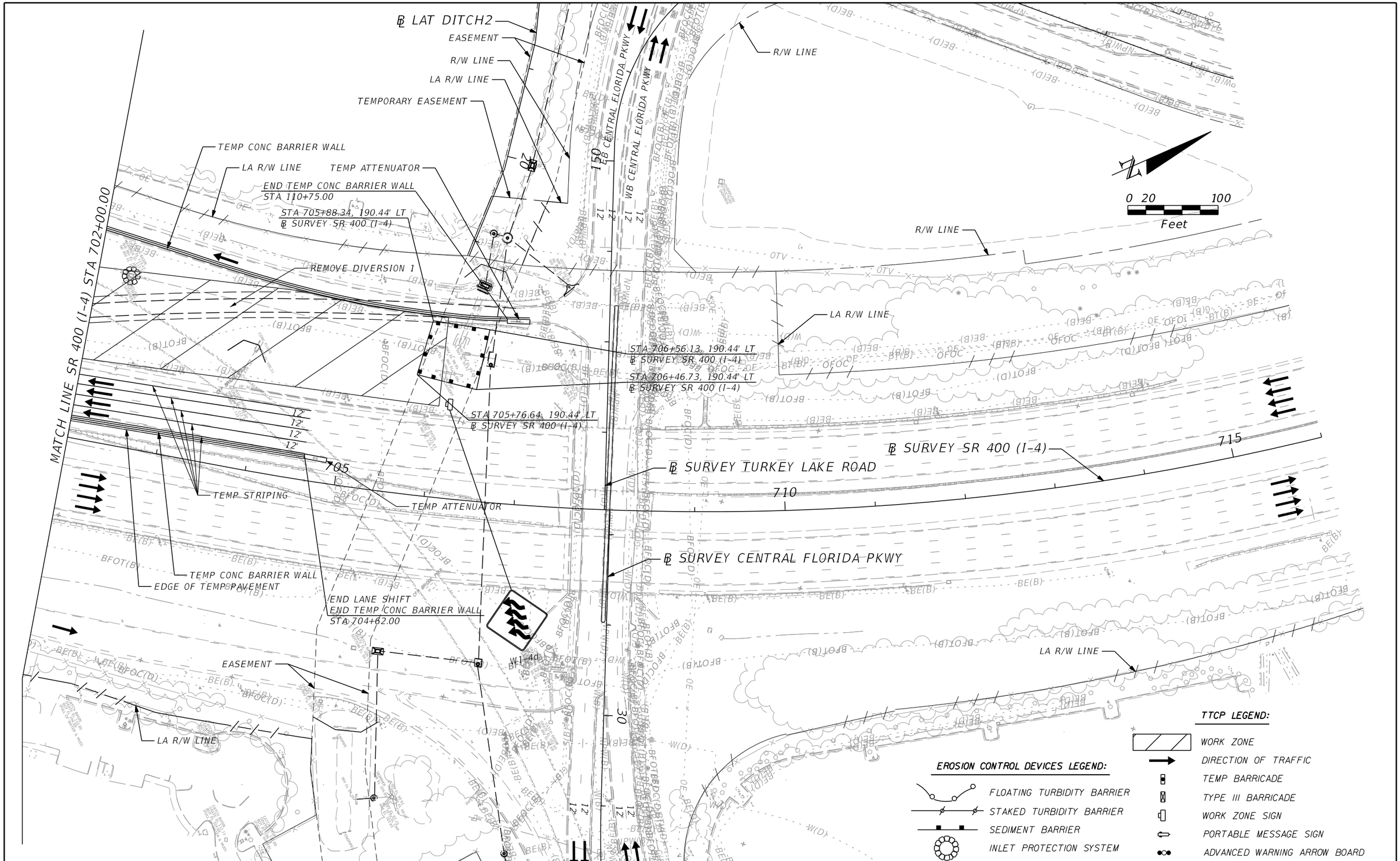

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 13
PHASE 1 - STAGE 4

SHEET NO.
609

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TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

0 20 100
Feet

535 540 545

12' 12' 12' 12' 12'

MATCH LINE SR 400 (I-4) STA 548+00.00

BEGIN LANE TAPER
BEGIN TEMP STRIPING
STA 546+40.00

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 1
PHASE 2 - STAGE 1

SHEET NO. 610

glen.dvorovy 5/7/2020 7:01:41 PM c:\pwworking\aecom_na\glen.dvorovy\d0177900\TCPLRD01_P2S1.dgn

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

0 20 100
Feet

MATCH LINE SR 400 (I-4) STA 548+00.00

MATCH LINE SR 400 (I-4) STA 562+00.00

℄ SURVEY SR 400 (I-4)

550 555 560

675 680

12' 12' 12' 12'

11' 11' 11' 12'

11' 11' 11'

LA R/W LINE

END LANE TAPER
BEGIN LANE SHIFT
STA 554+40.00, 79.83' RT

BEGIN TEMP CONC BARRIER WALL
STA 557+26.69

END LANE SHIFT
BEGIN LANE TAPER
STA 558+18.00, 66.72' RT

TEMP CONC BARRIER WALL

TEMP ATTENUATOR

BEGIN TEMP CONC BARRIER WALL
STA 552+78.98

W1-4d

℄ SURVEY SR 535

SB SR 535

NB SR 535

670

905

910

50' (TYP)

SEE DETAIL THIS SHEET FOR ADVANCED WARNING SIGN CONFIGURATION

TEMP STRIPING

TEMP BARRICADES (TYP)

℄ RAMP IC1_535

BEGIN TEMP BARRICADES
STA 906+50.00

LA R/W LINE

ADVANCED WARNING SIGN DETAIL

250' 250'

ROAD WORK AHEAD — W20-1F

SPEEDING FINES DOUBLED WHEN WORKERS PRESENT — MOT-14-06

* — W21-1

*TO BE PLACED AT STA 910+00

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 2
PHASE 2 - STAGE 1

SHEET NO. 611

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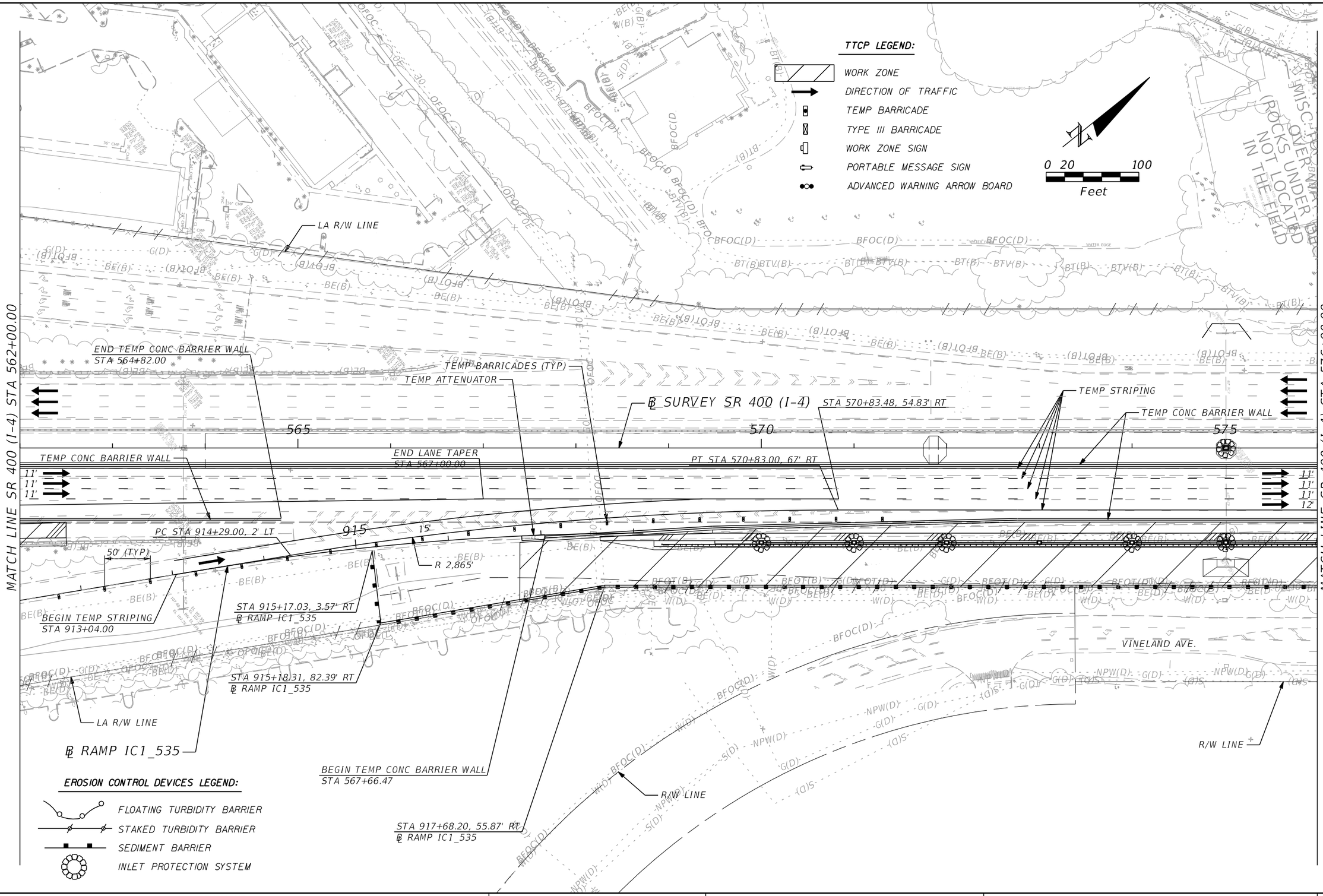

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www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 3
PHASE 2 - STAGE 1

SHEET NO. 612

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

0 20 100
Feet

MATCH LINE SR 400 (I-4) STA 576+00.00

MATCH LINE SR 400 (I-4) STA 590+00.00

LA R/W LINE

℄ SURVEY SR 400 (I-4)

580 585

TEMP CONC BARRIER WALL

TEMP CONC BARRIER WALL

TEMP STRIPING

11' 11' 11' 12'

11' 11' 11' 12'

LA R/W LINE

VINELAND AVE.

R/W LINE

R/W LINE

R/W LINE

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 4
PHASE 2 - STAGE 1

SHEET NO. 613

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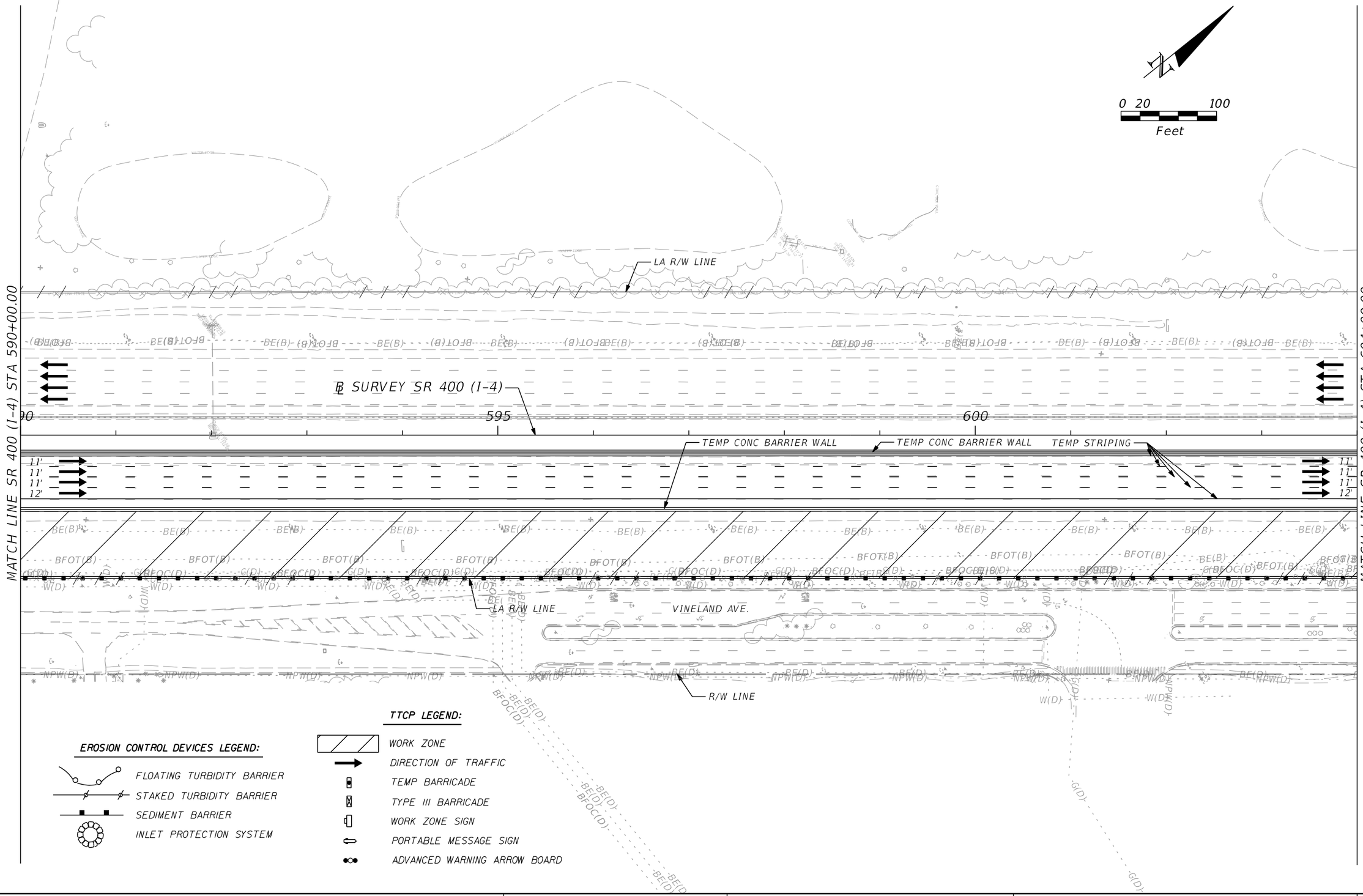

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 5
PHASE 2 - STAGE 1

SHEET NO. 614

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0 20 100
Feet

MATCH LINE SR 400 (I-4) STA 604+00.00

MATCH LINE SR 400 (I-4) STA 618+00.00

LA R/W LINE

℄ SURVEY SR 400 (I-4)

605 610 615

TEMP CONC BARRIER WALL

TEMP CONC BARRIER WALL

TEMP STRIPING

11' 11' 11' 12'

11' 11' 11' 12'

LA R/W LINE

VINELAND AVE.

LAKE ST.

R/W LINE

R/W LINE

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 6
PHASE 2 - STAGE 1

SHEET NO. 615

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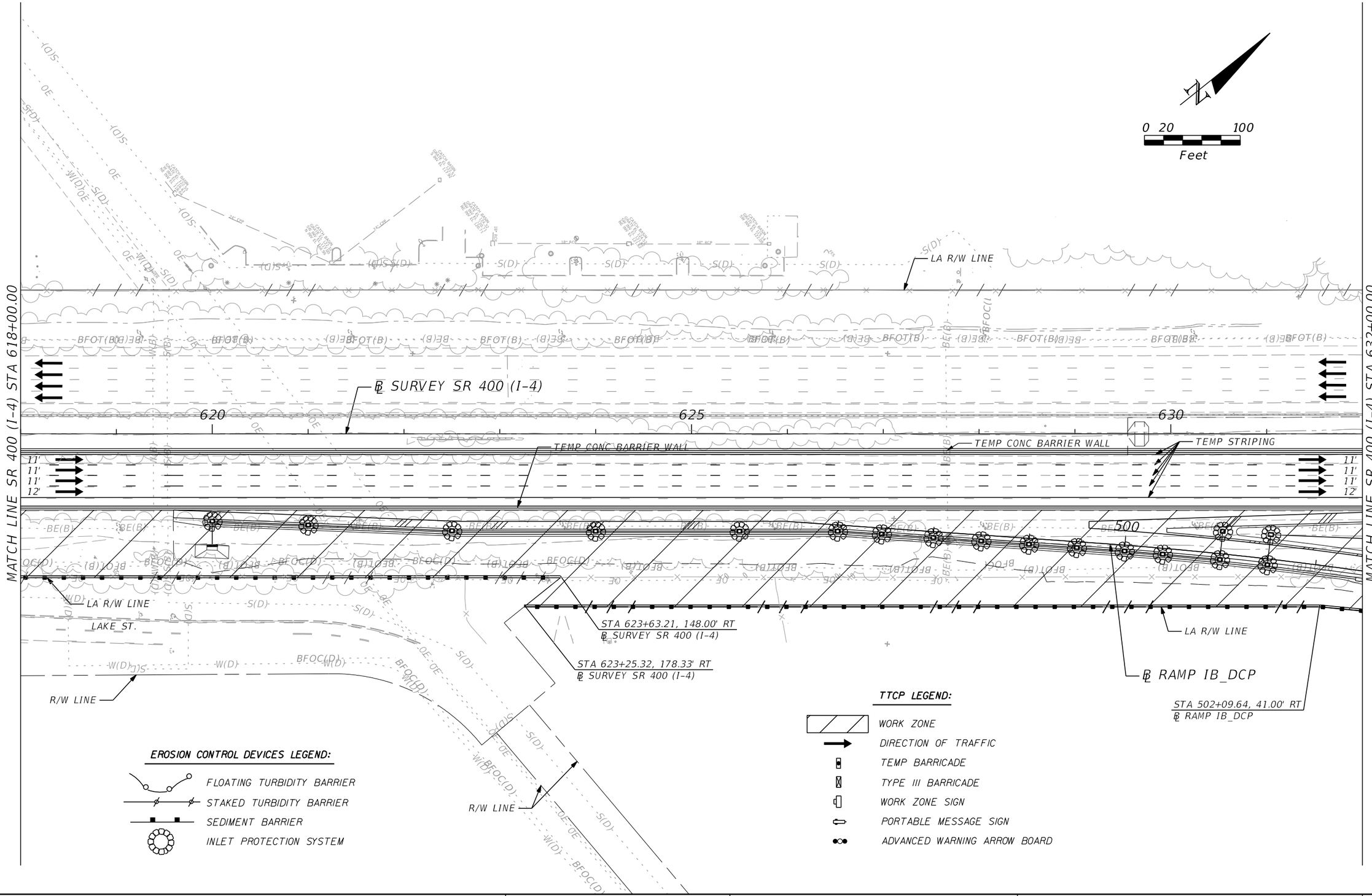

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 7
PHASE 2 - STAGE 1

SHEET NO. 616

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

0 20 100
Feet

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

℄ EB DCP
TEMP ATTENTUATOR
℄ DARYL CARTER PKWY
LA R/W LINE
TEMP CONC BARRIER WALL
POND 140B1
℄ SURVEY SR 400 (I-4)
635
640
REMOVE GUARDRAIL
TEMP CONC BARRIER WALL
TEMP CONC BARRIER WALL
TEMP STRIPING
℄ WB DCP
11' 11' 11' 12'
MATCH LINE SR 400 (I-4) STA 632+00.00
MATCH LINE SR 400 (I-4) STA 645+00.00
505
510
515
STA 504+35.05, 27.18' RT
℄ RAMP IB_DCP
℄ RAMP IB_DCP
STA 507+43.99, 36.06' RT
B RAMP IB_DCP
STA 509+98.01, 32.38' RT
B RAMP IB_DCP
STA 510+48.62, 44.49' RT
℄ RAMP IB_DCP
LA R/W LINE
STA 511+28.88, 44.77' RT
℄ RAMP IB_DCP
STA 511+48.23, 63.66' RT
℄ RAMP IB_DCP
STA 514+47.15, 63.69' RT
℄ RAMP JB_DCP
STA 514+49.83, 97.19' RT
℄ RAMP IB_DCP
STA 514+55.64, 102.13' RT
℄ RAMP IB_DCP
STA 514+66.89, 101.23' RT
℄ RAMP IB_DCP

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 8
PHASE 2 - STAGE 1

SHEET NO. 617

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℄ WB DCP
R/W LINE
POND 140B3
POND 141B1
0 20 100
Feet
℄ RAMP D_DCP
℄ CONST IWBCD2
LA R/W LINE
BEGIN TEMP BARRICADES STA 7065+00.00
100' (TYP)
POND 140B2
℄ RAMP ISLIP1
TEMP CONC BARRIER WALL
℄ EB DCP
REMOVE GUARDRAIL
BEGIN TEMP CONC BARRIER WALL STA 646+00.00
℄ SURVEY SR 400 (I-4)
STA 609+00.60, 99.42' RT ℄ RAMP IC_DCP
TEMP CONC BARRIER WALL
TEMP BARRICADES (TYP)
BEGIN BRIDGE STA 604+32.00
STA 604+86.12, 24.00' RT ℄ RAMP IC_DCP
℄ RAMP IC_DCP
TEMP STRIPING
END BRIDGE STA 610+55.00
TEMP CONC BARRIER WALL
MATCH LINE SR 400 (I-4) STA 645+00.00
MATCH LINE SR 400 (I-4) STA 660+00.00
STA 600+78.79, 74.92' RT ℄ RAMP IC_DCP
STA 604+71.18, 169.71' RT ℄ RAMP IC_DCP
STA 600+90.73, 76.06' RT ℄ RAMP IC_DCP
STA 600+85.38, 131.80' RT ℄ RAMP IC_DCP
LA R/W LINE
STA 609+54.07, 129.01' RT ℄ RAMP IC_DCP
EXISTING POND C
POND C
STA 658+00.41, 190.44' RT ℄ SURVEY SR 400 (I-4)
STA 657+08.71, 190.44' RT ℄ SURVEY SR 400 (I-4)
STA 657+64.62, 190.44' RT ℄ SURVEY SR 400 (I-4)

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

EROSION CONTROL DEVICES LEGEND:

- TEMPORARY EASEMENT
- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 9
PHASE 2 - STAGE 1

SHEET NO. 618

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POND 141B2

℄ RAMP D_DCP

℄ CONST IWBCD2

POND 141B3

℄ RAMP ISLIP2

0 20 100
Feet

LA R/W LINE

TEMP BARRICADE (TYP)

7070

7075

7080.200

12'

100' (TYP)

BEGIN LANE MERGE
BEGIN TEMP STRIPING
STA 7081+71.00

TEMP BARRICADE (TYP)

100' (TYP)

℄ SURVEY SR 400 (I-4)

TEMP CONC BARRIER WALL

660

665

670

TEMP STRIPING

MATCH LINE SR 400 (I-4) STA 660+00.00

MATCH LINE SR 400 (I-4) STA 674+00.00

11'
11'
11'
12'

℄ RAMP IC_DCP

TEMP CONC BARRIER WALL

620

625

15'

STA 622+82.90, 31.44' RT
℄ RAMP IC_DCP
STA 622+50.67, 43.63' RT
℄ RAMP IC_DCP
STA 621+88.16, 39.63' RT
℄ RAMP IC_DCP
STA 621+78.31, 37.98' RT
℄ RAMP IC_DCP
STA 620+88.97, 32.85' RT
℄ RAMP IC_DCP
STA 619+89.85, 44.54' RT
℄ RAMP IC_DCP
STA 618+90.82, 38.31' RT
℄ RAMP IC_DCP
STA 617+90.29, 74.14' RT
℄ RAMP IC_DCP
STA 617+77.72, 78.34' RT
℄ RAMP IC_DCP
STA 617+82.19, 97.47' RT
℄ RAMP IC_DCP
STA 617+43.46, 147.43' RT
℄ RAMP IC_DCP
STA 617+39.91, 157.84' RT
℄ RAMP IC_DCP
STA 617+29.45, 177.40' RT
℄ RAMP IC_DCP
STA 617+22.55, 186.31' RT
℄ RAMP IC_DCP

STA 625+14.72, 56.80' RT
℄ RAMP IC_DCP

LA R/W LINE

STA 616+42.02, 238.17' RT
℄ RAMP IC_DCP

STA 616+60.75, 227.51' RT
℄ RAMP IC_DCP

POND C

TEMPORARY EASEMENT

STA 616+76.24, 251.34' RT
℄ RAMP IC_DCP

STA 616+59.54, 263.17' RT
℄ RAMP IC_DCP

STA 615+52.92, 298.33' RT
℄ RAMP IC_DCP

STA 614+98.63, 327.19' RT
℄ RAMP IC_DCP

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 10
PHASE 2 - STAGE 1

SHEET NO. 619

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POND 141B3

POND FPC 141

POND 141B4

0 20 100 Feet

END LANE MERGE
END TEMP BARRICADES
STA 7087+73.00

℄ RAMP IA_CFP

℄ RAMP IC_CFP

℄ CONST IWBCD2

℄ RAMP ISLIP2

LA R/W LINE

TEMP BARRICADE (TYP)
50' (TYP)

7085

205

7090

210

300

400

7095

215

100' (TYP)

℄ SURVEY SR 400 (I-4)

TEMP BARRICADE (TYP)

675

680

685

TEMP CONC BARRIER WALL

TEMP STRIPING

END TEMP CONC BARRIER WALL
STA 687+19.94, 25.77' RT

END TEMP CONC BARRIER WALL
STA 687+11.00, 98.41' RT

℄ RAMP IB_CFP

MATCH LINE SR 400 (I-4) STA 674+00.00

MATCH LINE SR 400 (I-4) STA 688+00.00

11'
11'
11'
12'

100

STA 676+28.88, 150.00' RT
℄ SURVEY SR 400 (I-4)

STA 677+13.88, 150.00' RT
℄ SURVEY SR 400 (I-4)

LA R/W LINE

STA 687+12.90, 102.92' RT
℄ SURVEY SR 400 (I-4)

STA 687+12.06, 150.00' RT
℄ SURVEY SR 400 (I-4)

STA 676+28.88, 205.34' RT
℄ SURVEY SR 400 (I-4)

STA 677+13.88, 205.34' RT
℄ SURVEY SR 400 (I-4)

STA 676+84.61,, 205.34' RT
℄ SURVEY SR 400 (I-4)

EASEMENT

BEGIN LANE SHIFT
STA 684+39.00, 66.73' RT

W1-4d

STA 675+80.87, 302.92' RT
℄ SURVEY SR 400 (I-4)

STA 676+23.55, 329.45' RT
℄ SURVEY SR 400 (I-4)

STA 675+70.81, 347.31' RT
℄ SURVEY SR 400 (I-4)

STA 675+84.44, 354.01' RT
℄ SURVEY SR 400 (I-4)

TTCP LEGEND:

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMP BARRICADE
- TYPE III BARRICADE
- WORK ZONE SIGN
- PORTABLE MESSAGE SIGN
- ADVANCED WARNING ARROW BOARD

EROSION CONTROL DEVICES LEGEND:

- FLOATING TURBIDITY BARRIER
- STAKED TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 11
PHASE 2 - STAGE 1

SHEET NO. 620

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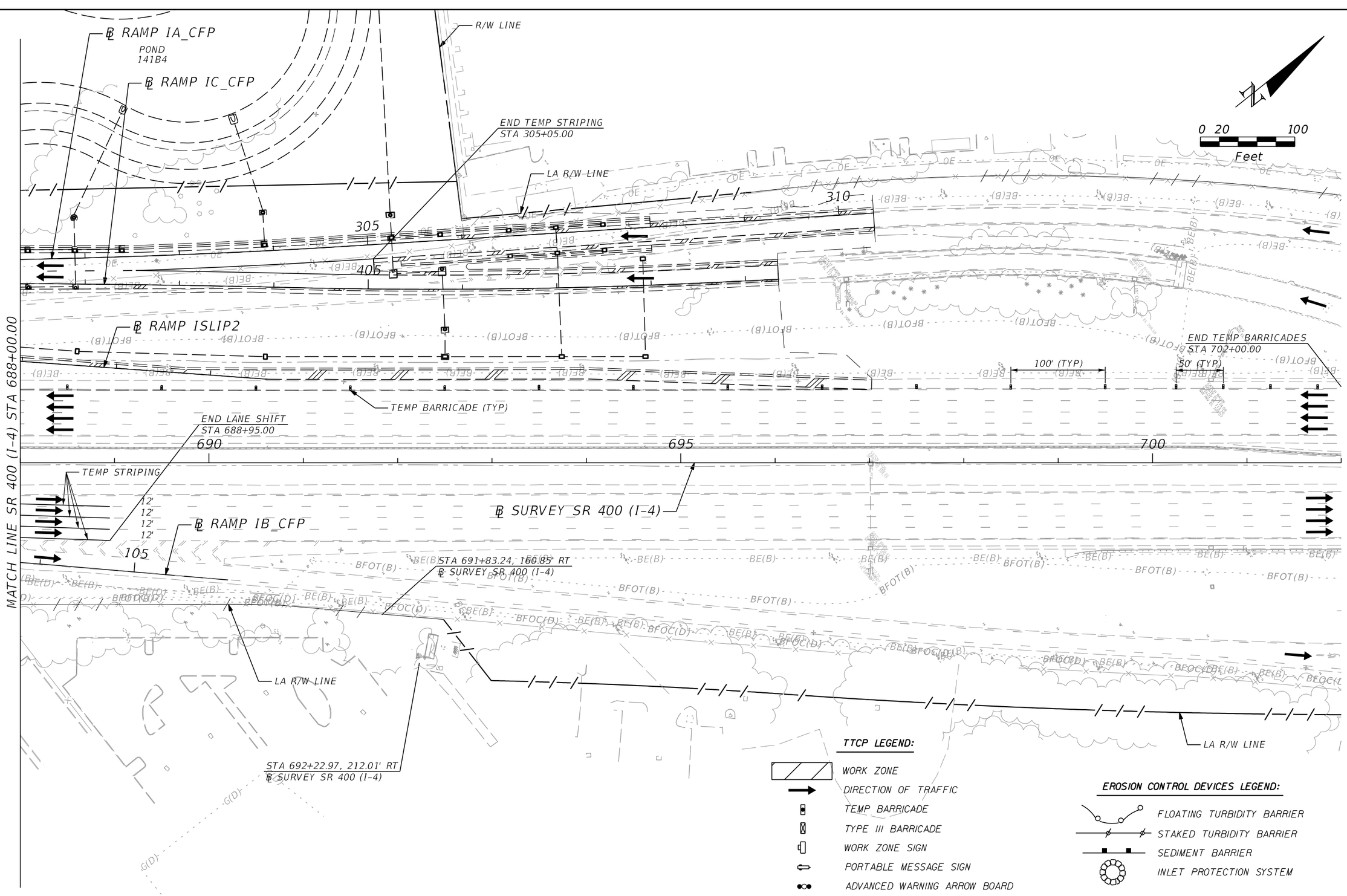

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP SR 400 (I-4) - PLAN 12
PHASE 2 - STAGE 1

SHEET NO. 621

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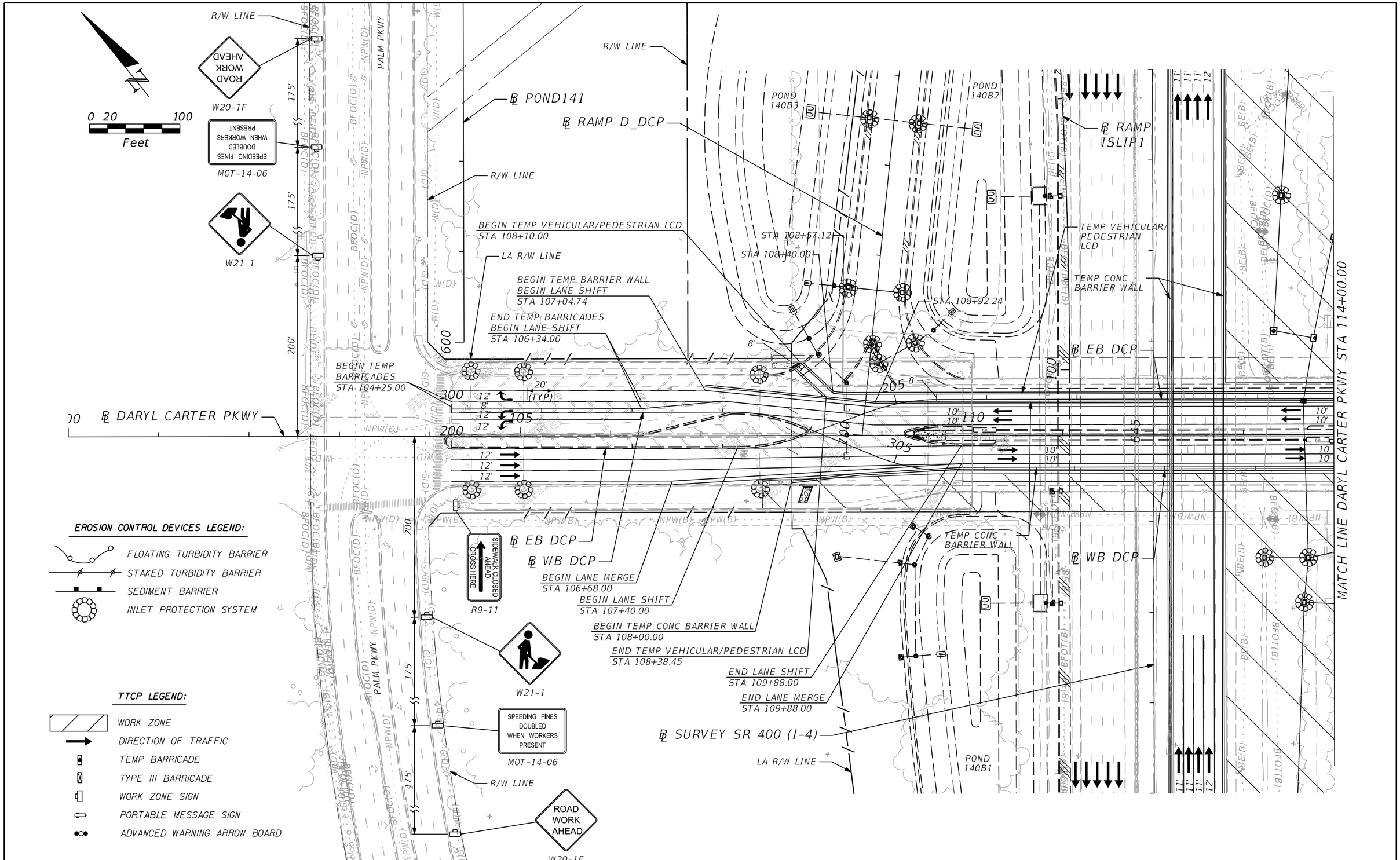

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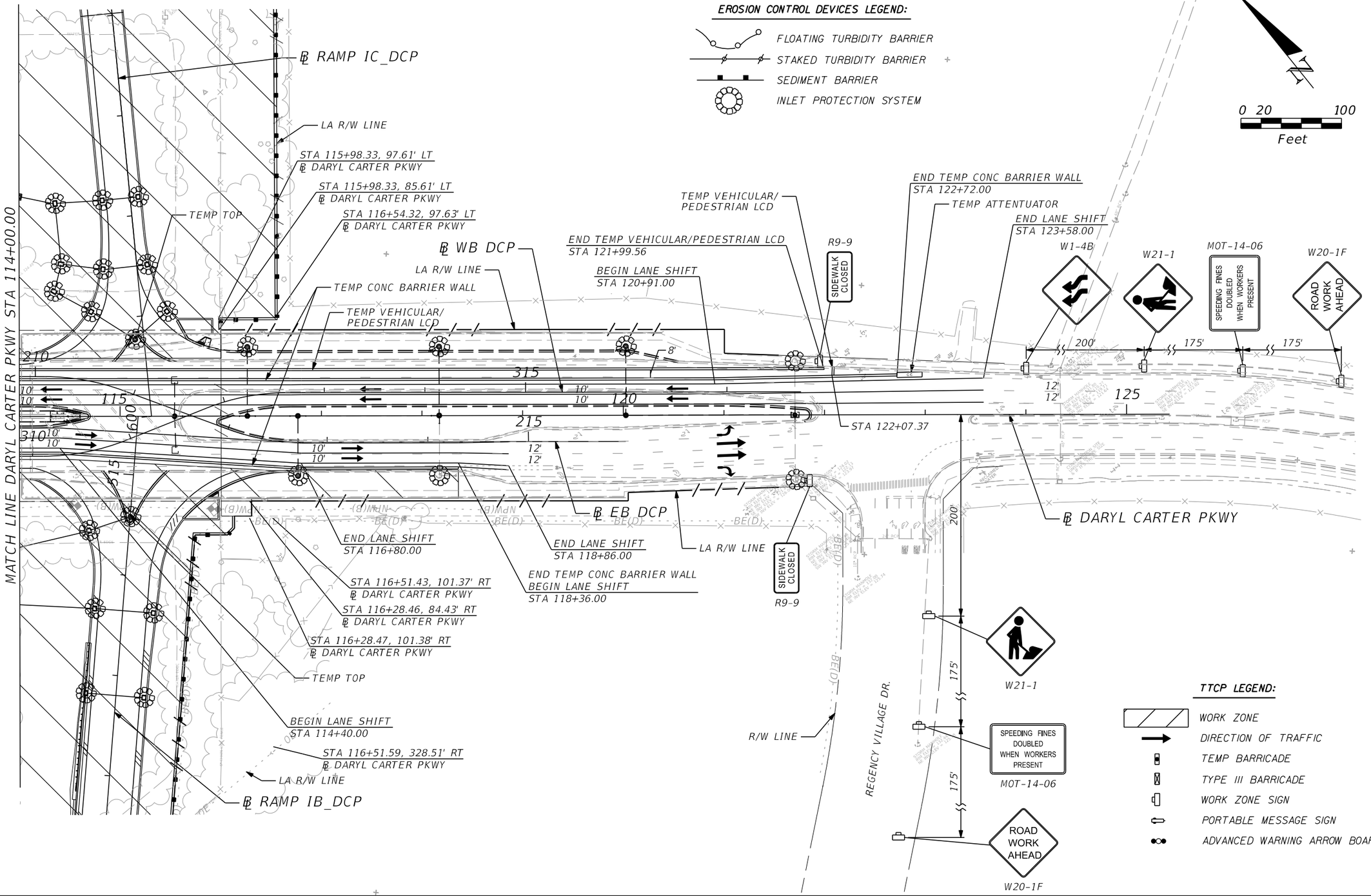
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP DARYL CARTER PKWY - PLAN 1 PHASE 2 - STAGE 1

SHEET NO. 622



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP DARYL CARTER PKWY - PLAN 2 PHASE 2 - STAGE 1

SHEET NO. 623

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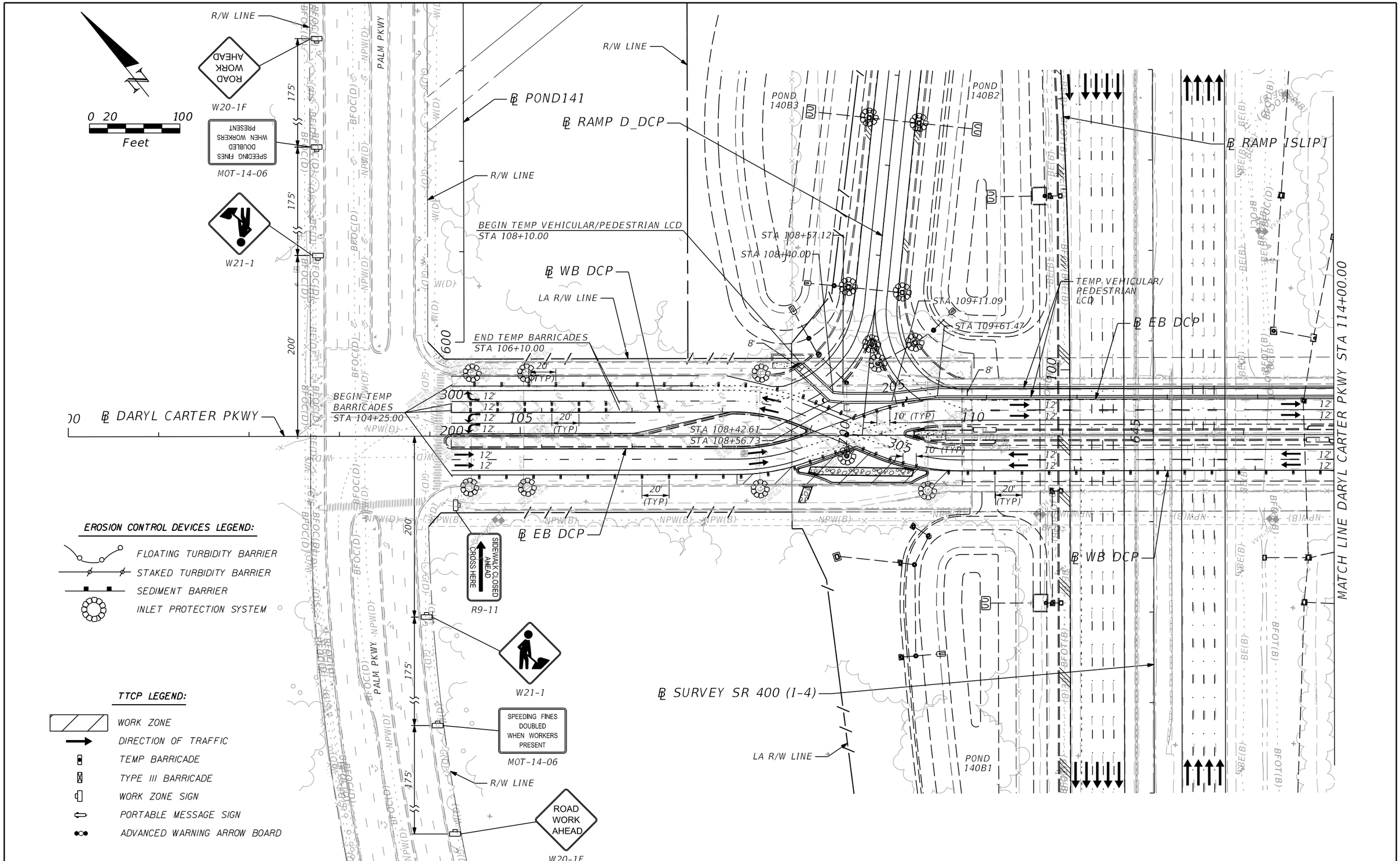

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP DARYL CARTER PKWY - PLAN 1 PHASE 2 - STAGE 2

SHEET NO. 624

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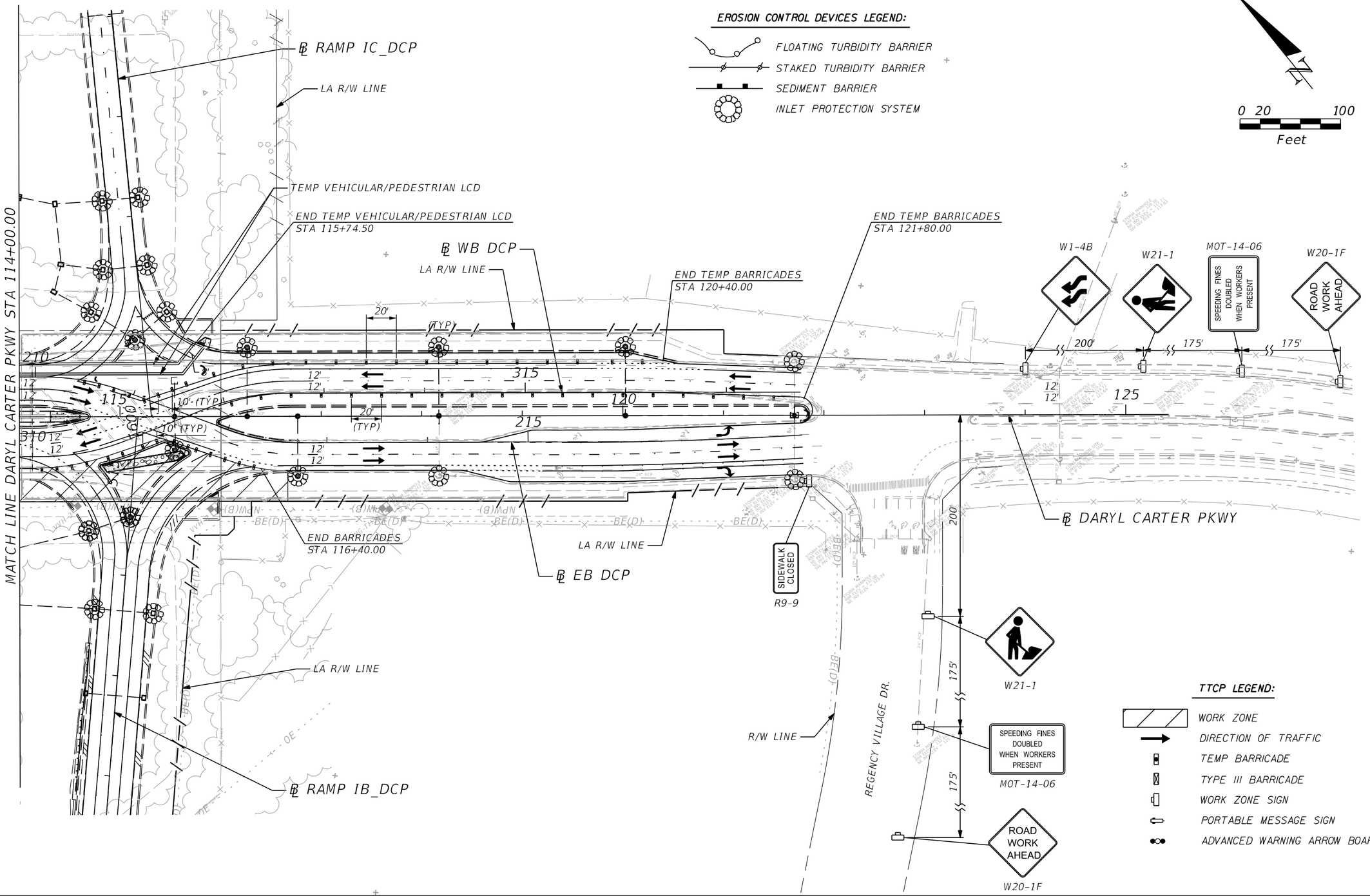

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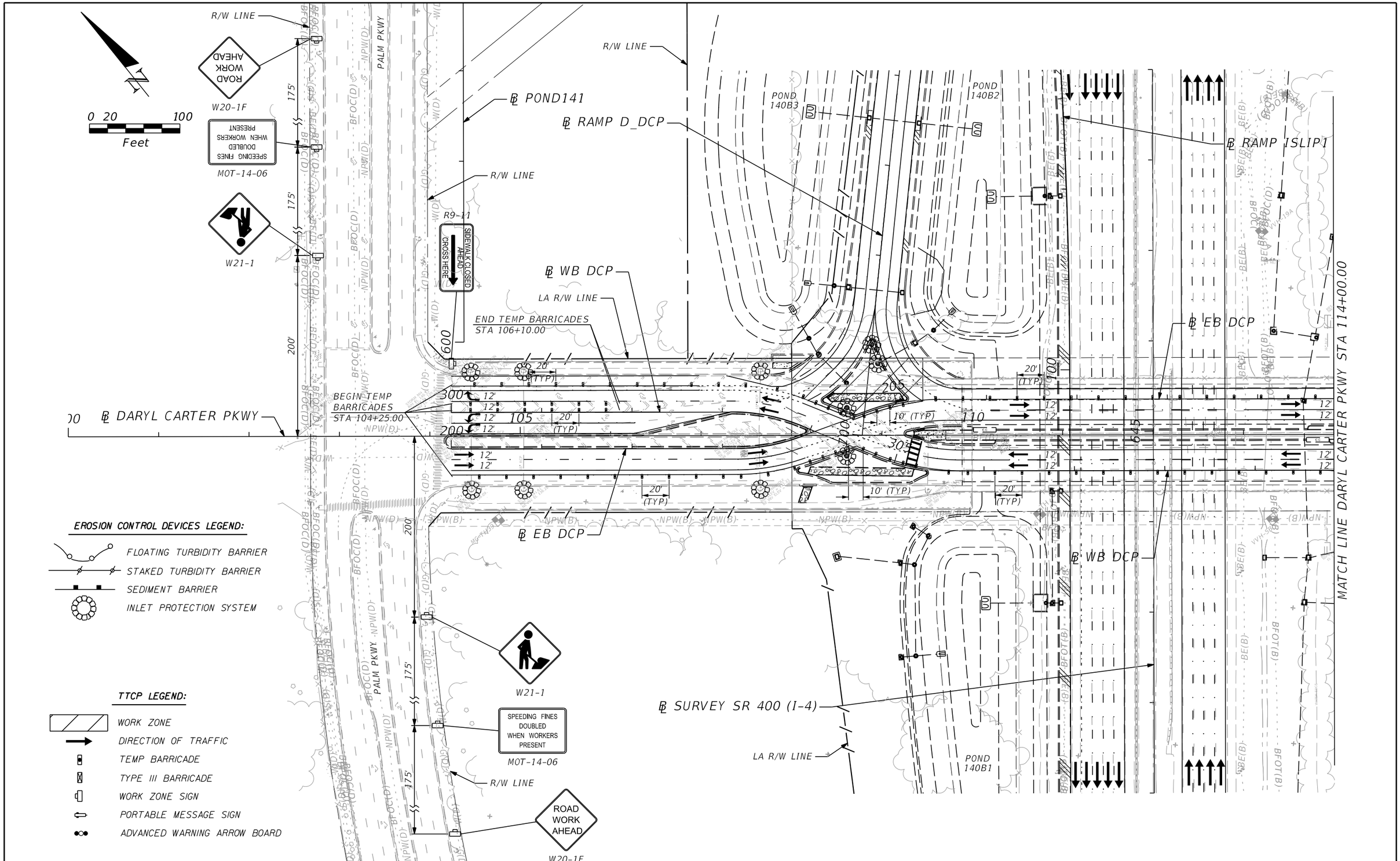
T 407.843.6552 F 407.839.1789
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP DARYL CARTER PKWY - PLAN 2 PHASE 2 - STAGE 2

SHEET NO. 625



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP DARYL CARTER PKWY - PLAN 1 PHASE 2 - STAGE 3

SHEET NO. 626

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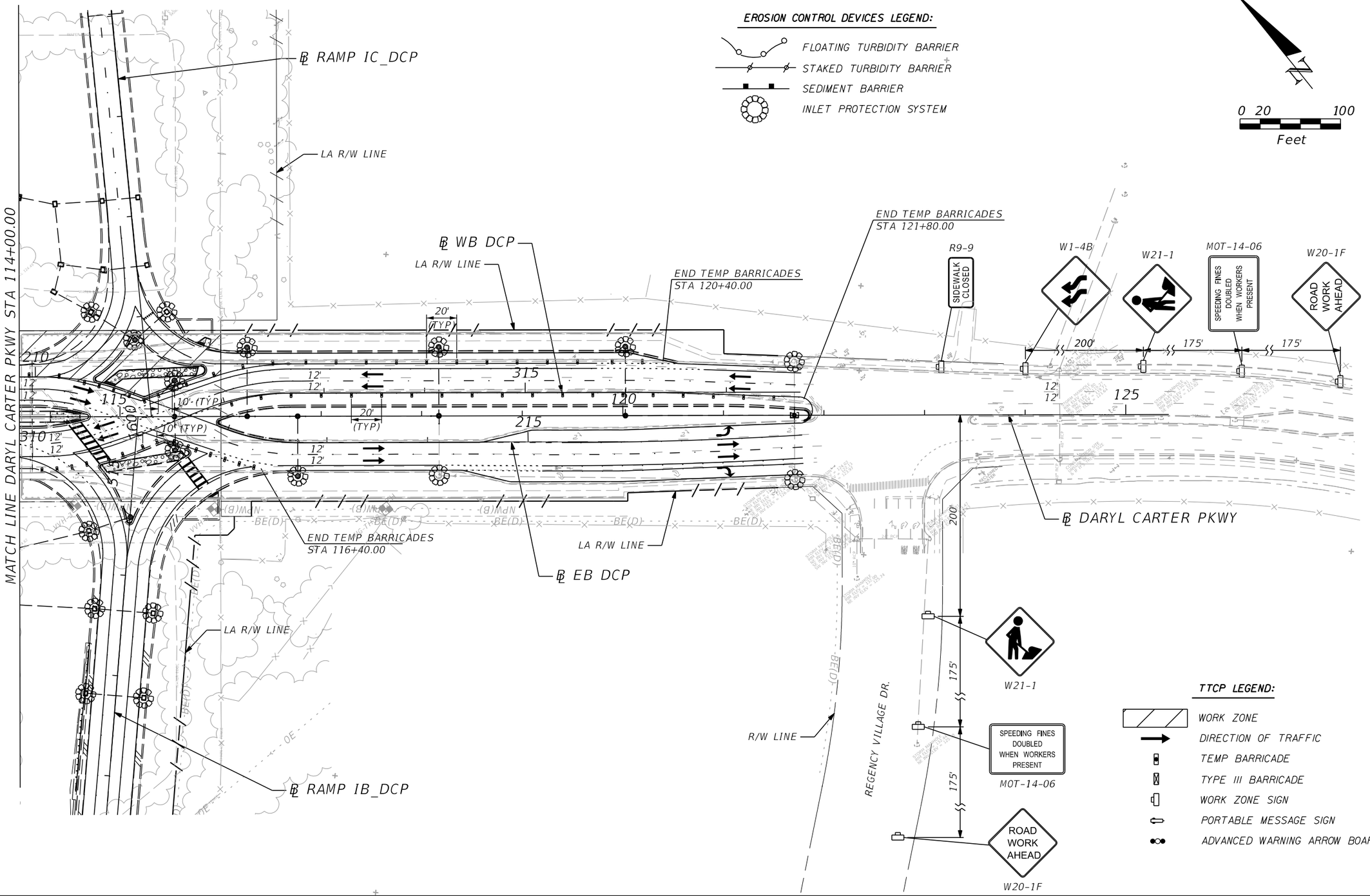

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TTCP DARYL CARTER PKWY - PLAN 2 PHASE 2 - STAGE 3

SHEET NO. 627

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150
140
130
120
110
100
90
80
70
60

100' SE TRANS
e = (+) 0.035
TO e = (+) 0.02

100' SE TRANS
INSIDE SHLDR (RT)
e = (+) 0.02
TO e = (-) 0.05

+20.00 +20.00 +00.00 +00.00

BEGIN PROFILE
℄ CONST. DIVERSION 1
STA. 100+72.11
EL. 110.47'

℄ CONST. DIVERSION 1 PGL

PI +00.00 EL. 110.45
PI +50.00 EL. 110.49
PI +00.00 EL. 110.62
PI +50.00 EL. 110.72
PI +87.76 EL. 110.88
PI +13.49 EL. 112.15
PI +42.44 EL. 115.43
PI +85.64 EL. 110.63
110.21

(-) 0.072% (+) 0.080% (+) 0.260% (+) 0.200% (+) 0.424% (+) 0.940% (+) 1.119% (+) 0.998% (+) 0.998% (-) 3.354% (-) 3.354% (-) 3.954%

(+) 0.735%

(+) 1.115%

110.47

PI +00.00 EL. 110.97
PI +50.00 EL. 111.44
PI +00.00 EL. 112.00
EL. 114.41
114.63
113.29
EL. 112.00

+40.15 EL. 114 +44.73 EL. 112

205' V.C.
K = 47

EXISTING GROUND AT ℄ CONST. DIVERSION 1

END PROFILE
CONST. DIVERSION 1
STA. 108+96.37
EL. 110.21'

100+00.00 105+00.00 110+00.00

SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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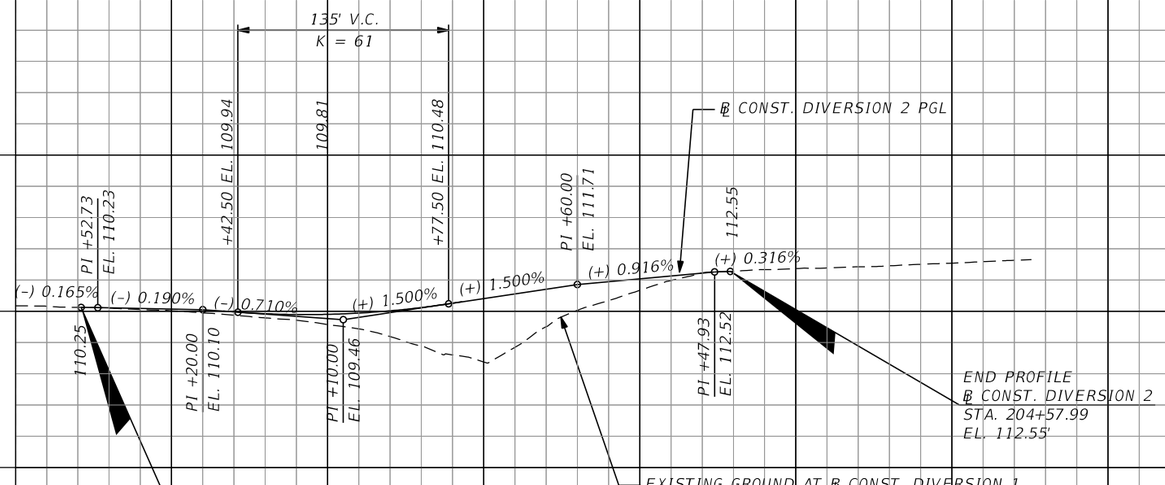
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 1 PROFILE

SHEET NO. 628



SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

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SR 400	ORANGE	441113-1-52-01

DIVERSION 2 PROFILE

SHEET NO. 629

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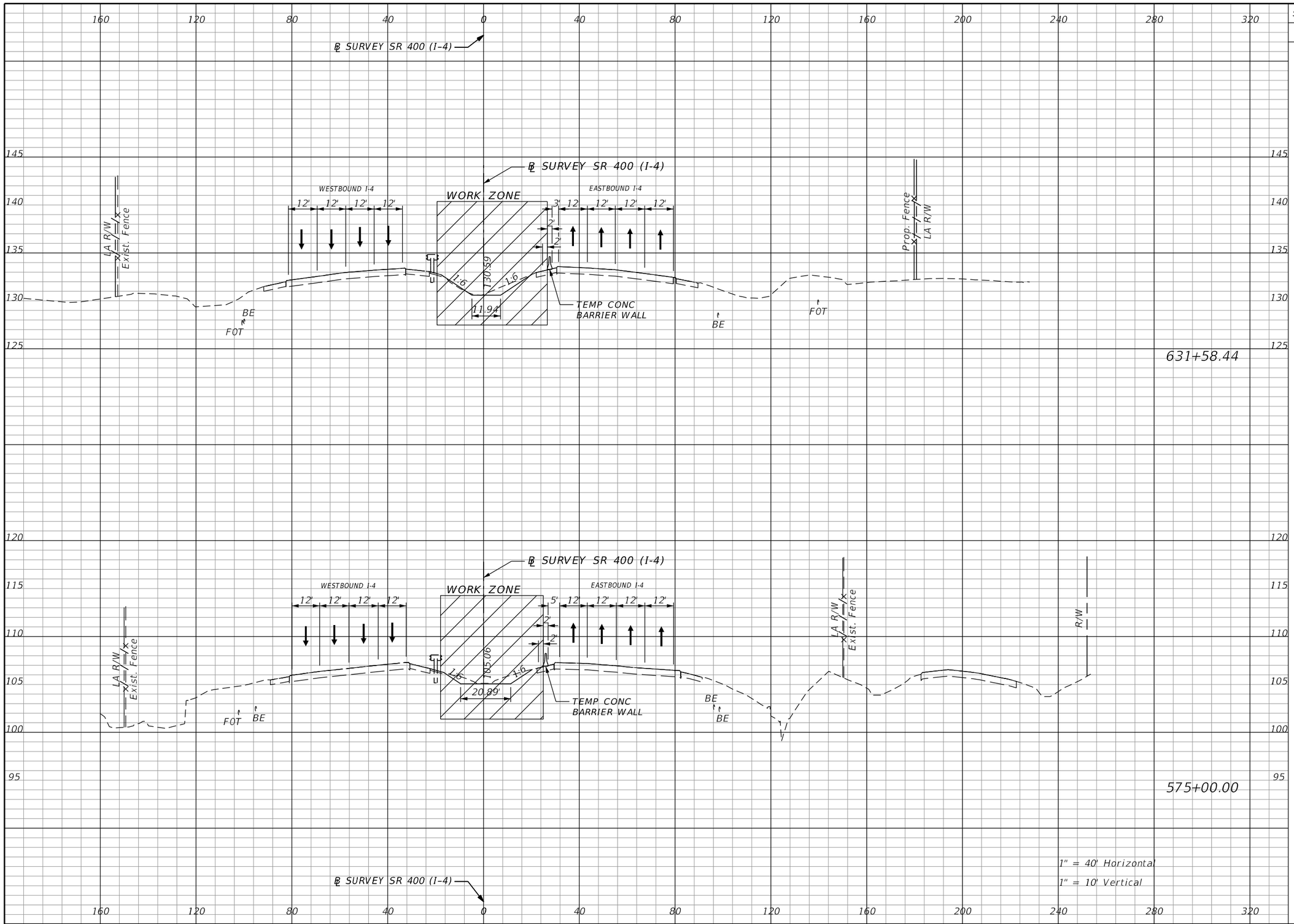
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
PHASE 1 - STAGE 1
CROSS SECTIONS

SHEET NO. 630

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Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V

℄ SURVEY SR 400 (I-4)

LA R/W
Prop. Fence

WORK ZONE

WESTBOUND I-4

9' SHLDR | 12' | 11' | 11' | 11' | 2'

EASTBOUND I-4

12' | 12' | 12' | 12'

1:6 | 1:30 | 1:4 | 1:2 | 1:2 | 1:10 | 1:4 | 1:32

BE FOT

TEMP CONC BARRIER WALL

TEMP CONC BARRIER WALL
TEMPORARY OVERBUILD PAVEMENT

BE

642+52.87

1" = 40' Horizontal
1" = 10' Vertical

℄ SURVEY SR 400 (I-4)

360 320 280 240 200 160 120 80 40 0 40 80 120

155 150 145 140 135 130 125 120 115 110

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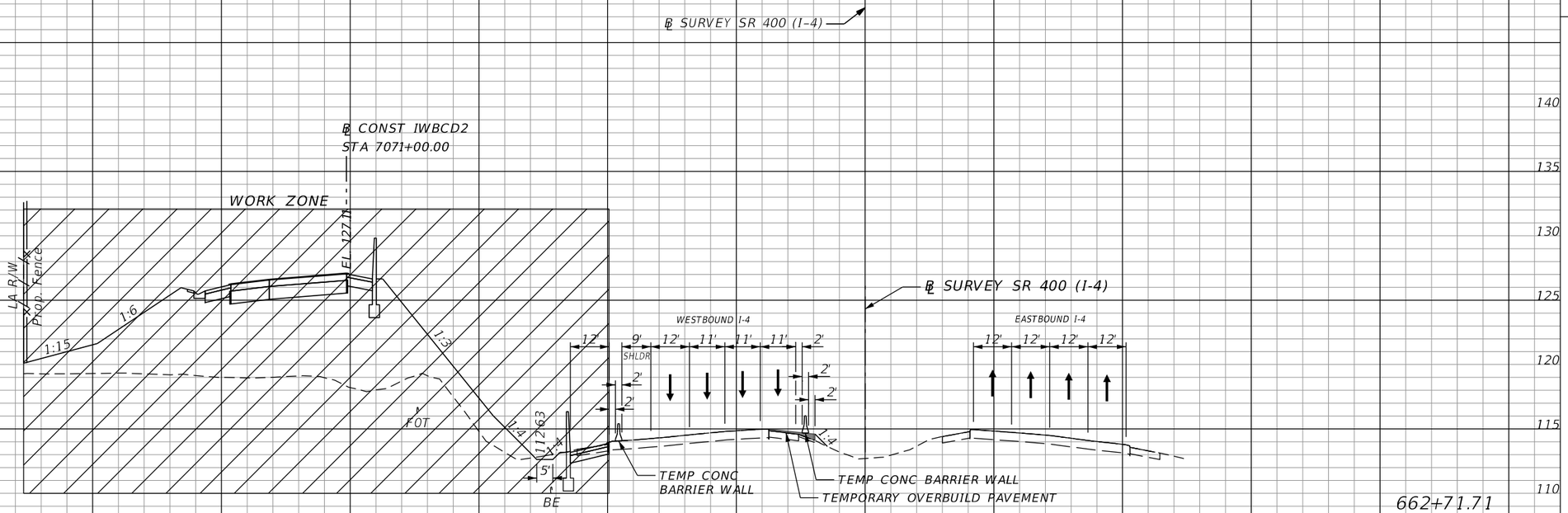
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
PHASE 1 - STAGE 2
CROSS SECTIONS

SHEET NO. 631

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
PHASE 1 - STAGE 2
CROSS SECTIONS

SHEET NO. 632

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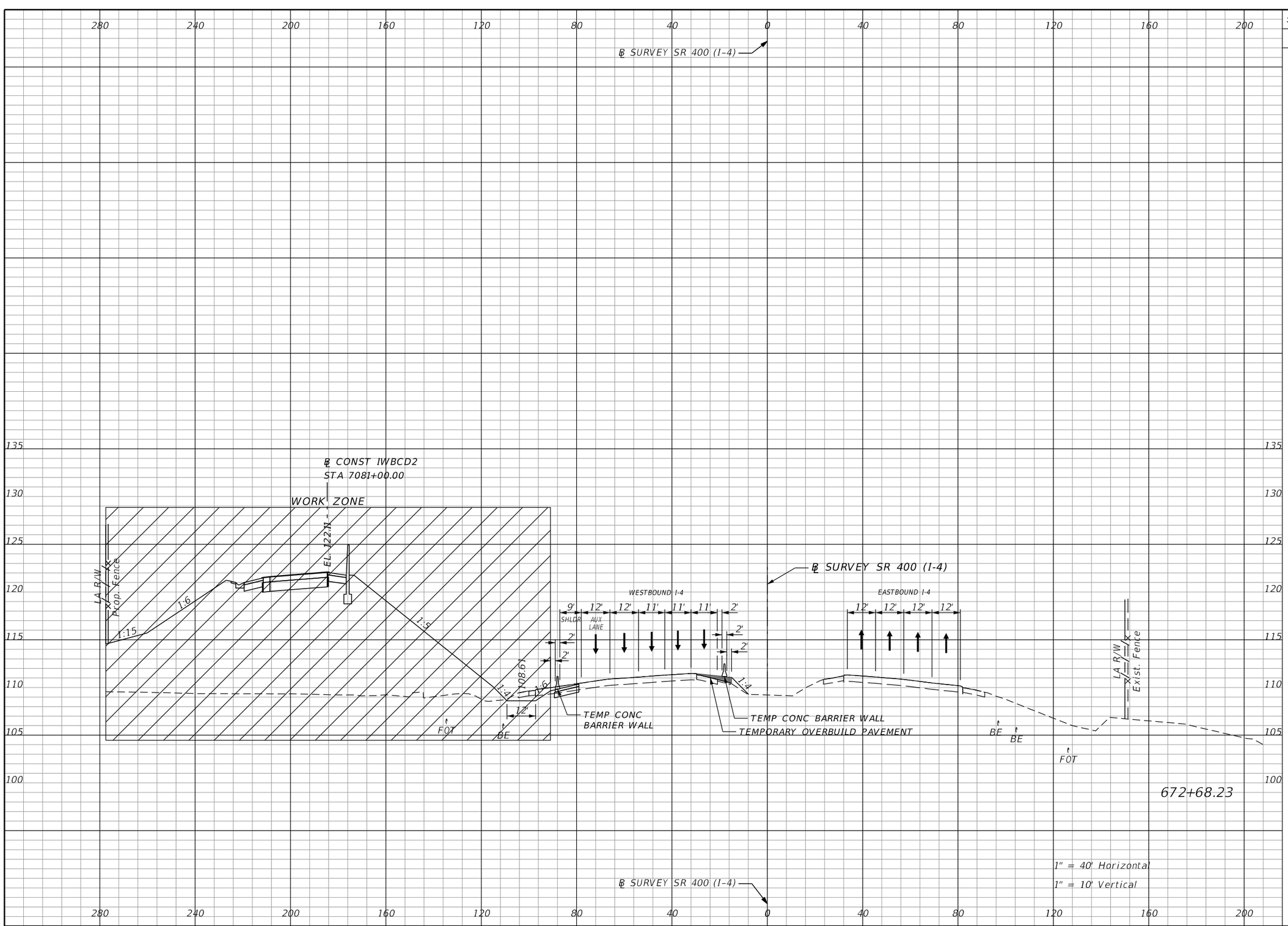

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
PHASE 1 - STAGE 2
CROSS SECTIONS

SHEET NO. 633

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V

℄ SURVEY SR 400 (I-4)

℄ CONST IWBCD2
STA 7091+00.00

WORK ZONE

EL. 117.11

LA R/W
Prop. Fence

1:6

1:15

WESTBOUND I-4

9' SHLDR | 12' | 12' | 11' AUX LANE | 11' | 11' | 2'

2' 2' 2' 2'

1:4

TEMP CONC BARRIER WALL

TEMPORARY OVERBUILD PAVEMENT

BE FOT BE

℄ SURVEY SR 400 (I-4)

EASTBOUND I-4

12' | 12' | 12' | 12'

LA R/W
Exist. Fence

BE BE FOT

682+68.24

1" = 40' Horizontal
1" = 10' Vertical

280 240 200 160 120 80 40 0 40 80 120 160 200

130 125 120 115 110 105 100

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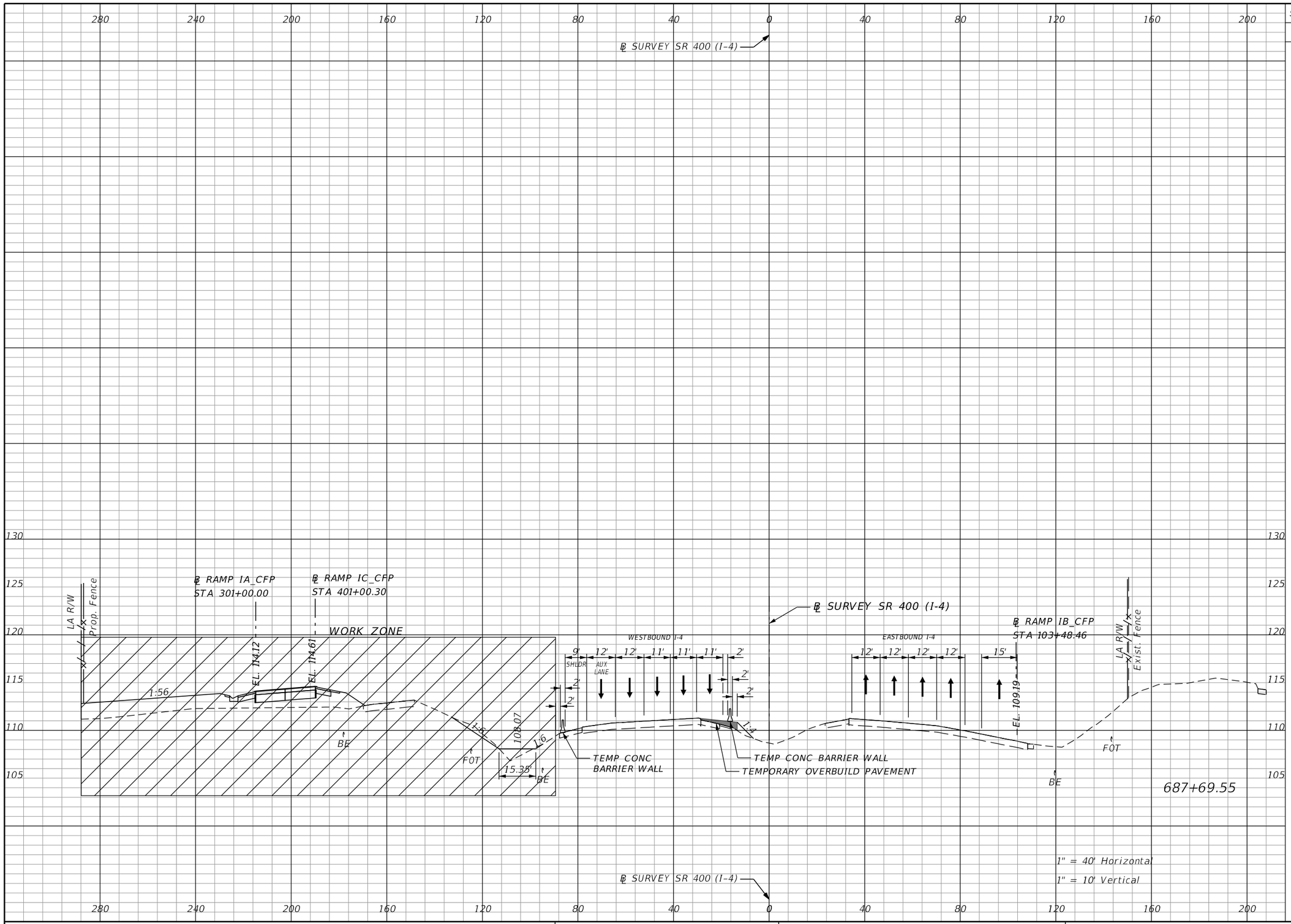
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
PHASE 1 - STAGE 2
CROSS SECTIONS

SHEET NO. 634

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
PHASE 1 - STAGE 3
CROSS SECTIONS

SHEET NO. 635

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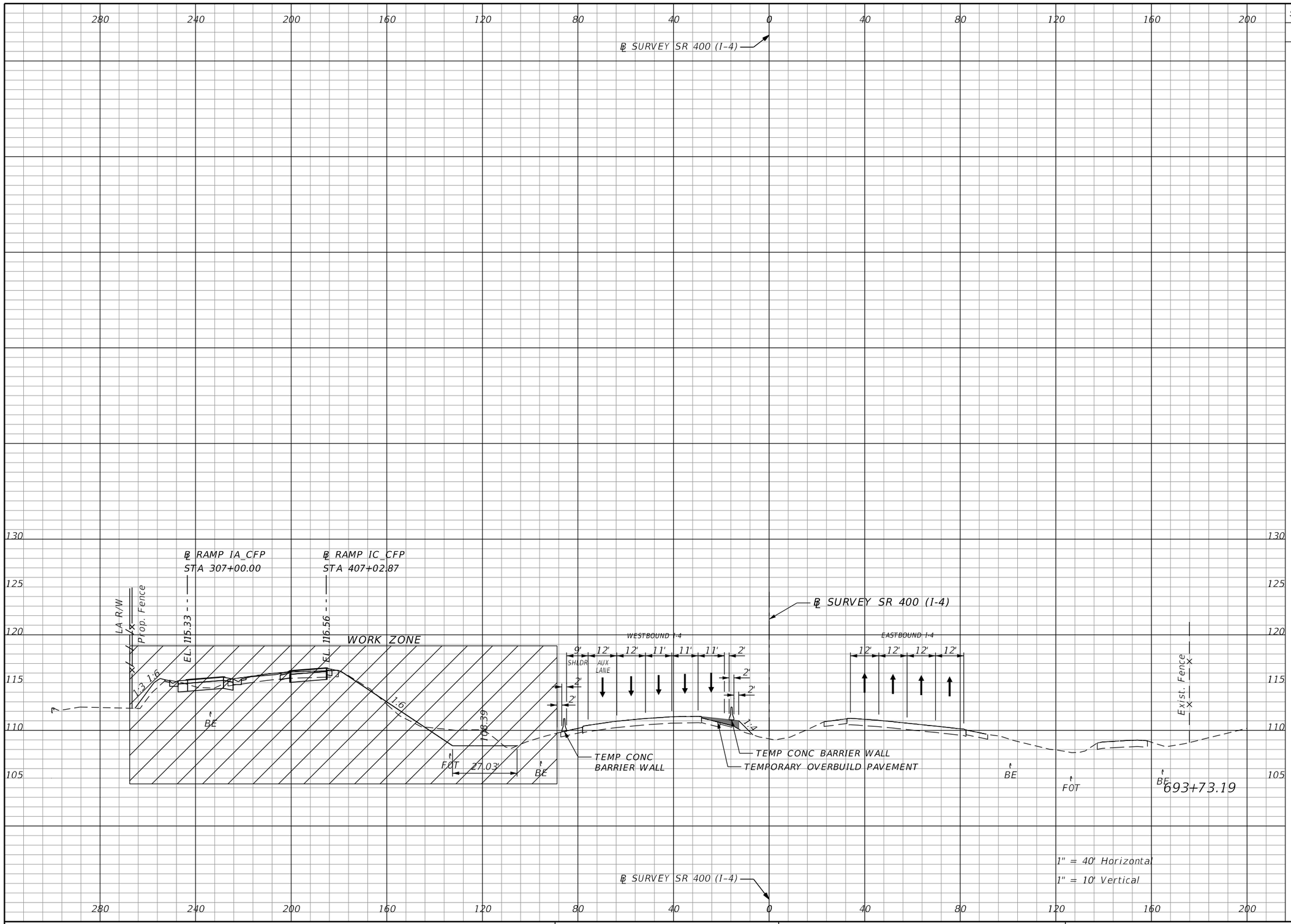
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
PHASE 1 - STAGE 3
CROSS SECTIONS

SHEET NO. 636

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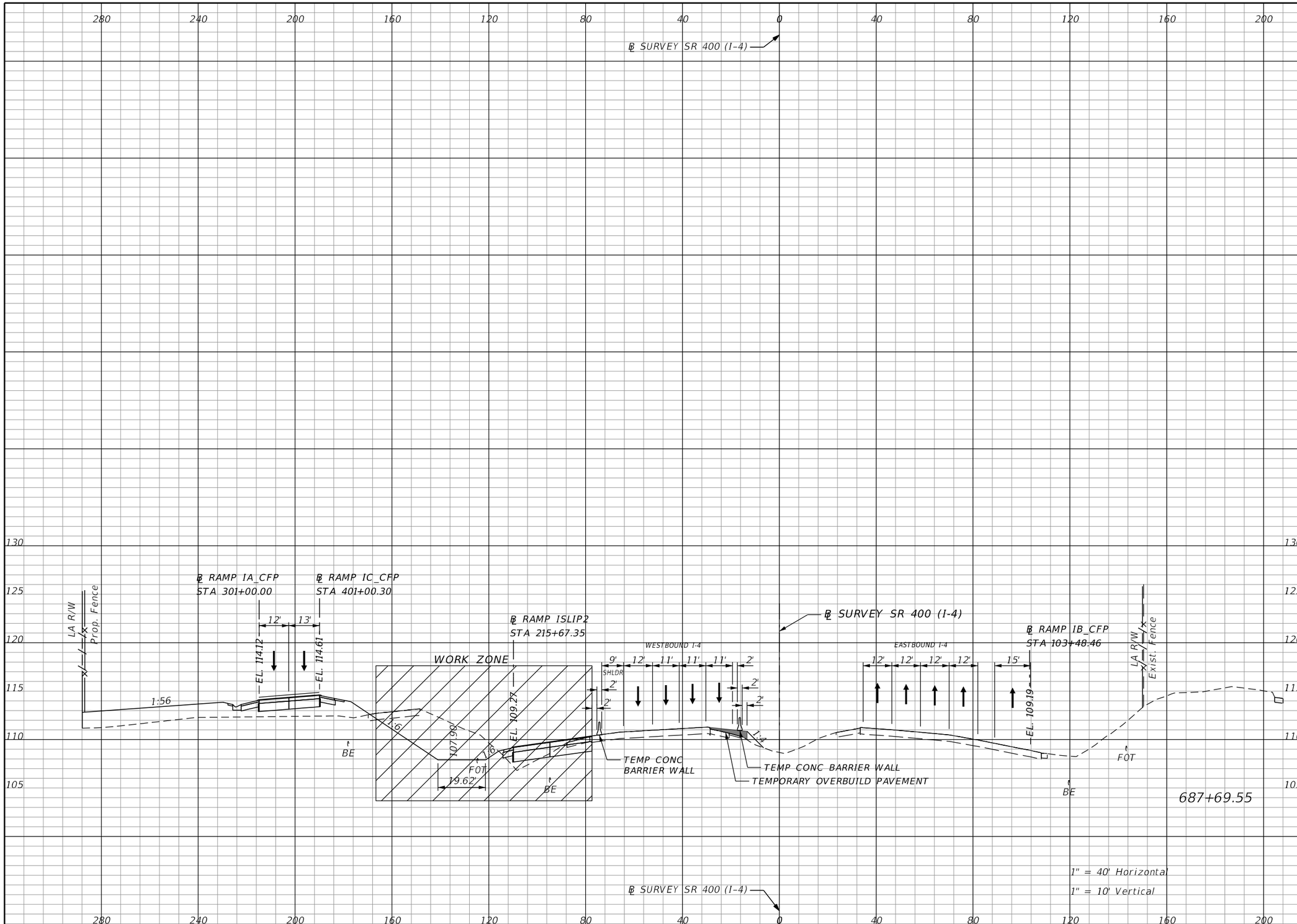

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
PHASE 1 - STAGE 4
CROSS SECTIONS

SHEET NO.
637

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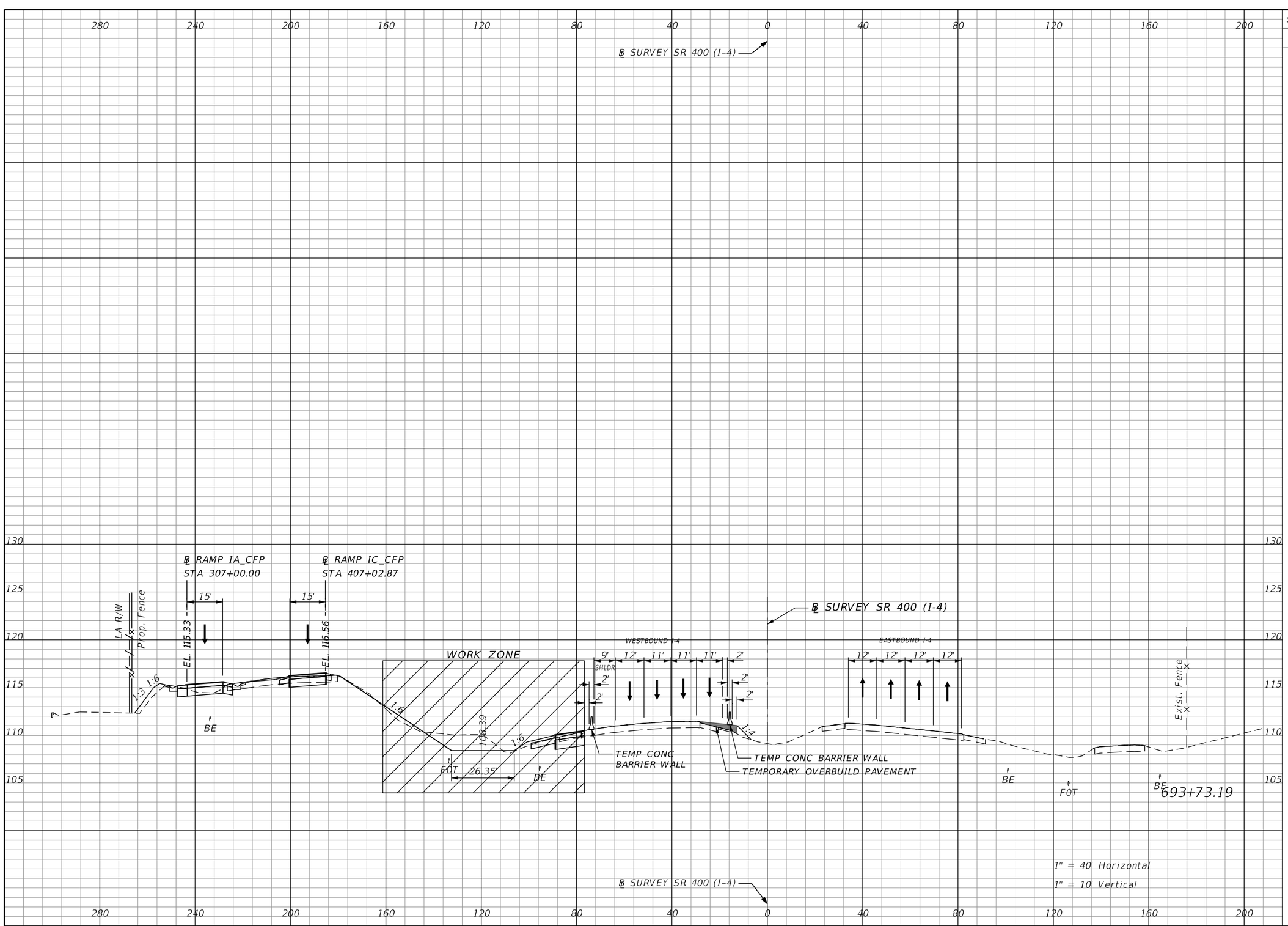
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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SR 400 (I-4)
PHASE 1 - STAGE 4
CROSS SECTIONS

SHEET NO. 638

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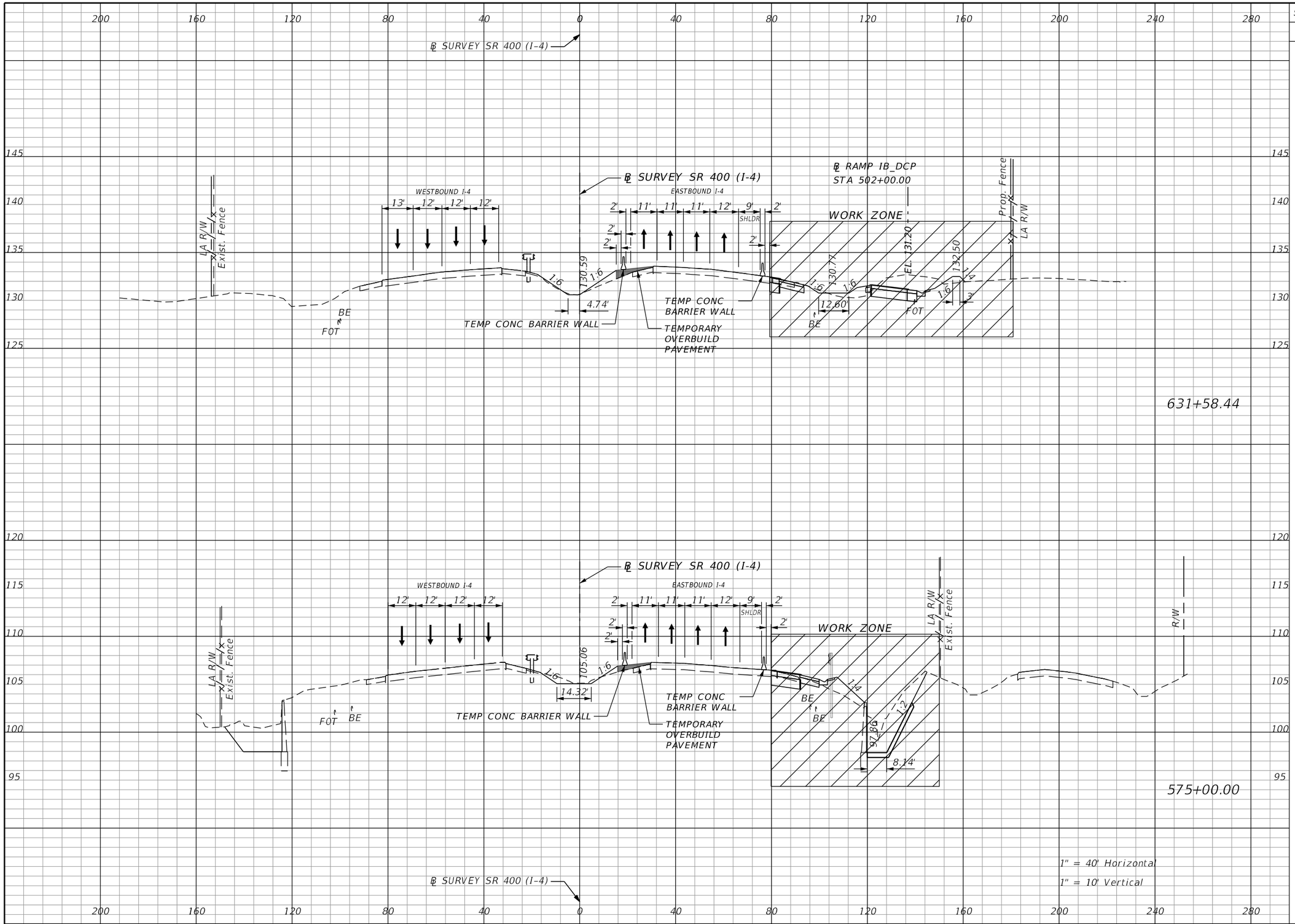

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
PHASE 2 - STAGE 1
CROSS SECTIONS

SHEET NO. 639

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Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V

℄ SURVEY SR 400 (I-4)

℄ CONST IWBCD2 ℄ RAMP ISLIP2
STA 7081+00.00 STA 200+63.81

12'

EL. 122.11
EL. 122.11

LA R/W
Prop. Fence

1:6

1:15

TEMPORARY BARRICADE

1:5

WESTBOUND I-4

10' SHLDR | 12' | 12' | 12' | 12'

108.61

1:4

1:6

12.00'

TEMPORARY BARRICADE

FOT

BE

℄ SURVEY SR 400 (I-4)

EASTBOUND I-4

2' | 11' | 11' | 11' | 12' | 9' SHLDR | 2'

2'
2'

WORK ZONE

TEMP CONC BARRIER WALL

TEMP CONC BARRIER WALL

TEMPORARY OVERBUILD PAVEMENT

LA R/W
Exist. Fence

1:6

105.80

1:4

16'

BE
BE
FOT

672+68.23

1" = 40' Horizontal
1" = 10' Vertical

℄ SURVEY SR 400 (I-4)

280 240 200 160 120 80 40 0 40 80 120 160 200

135 130 125 120 115 110 105 100

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
PHASE 2 - STAGE 1
CROSS SECTIONS

SHEET NO. 640

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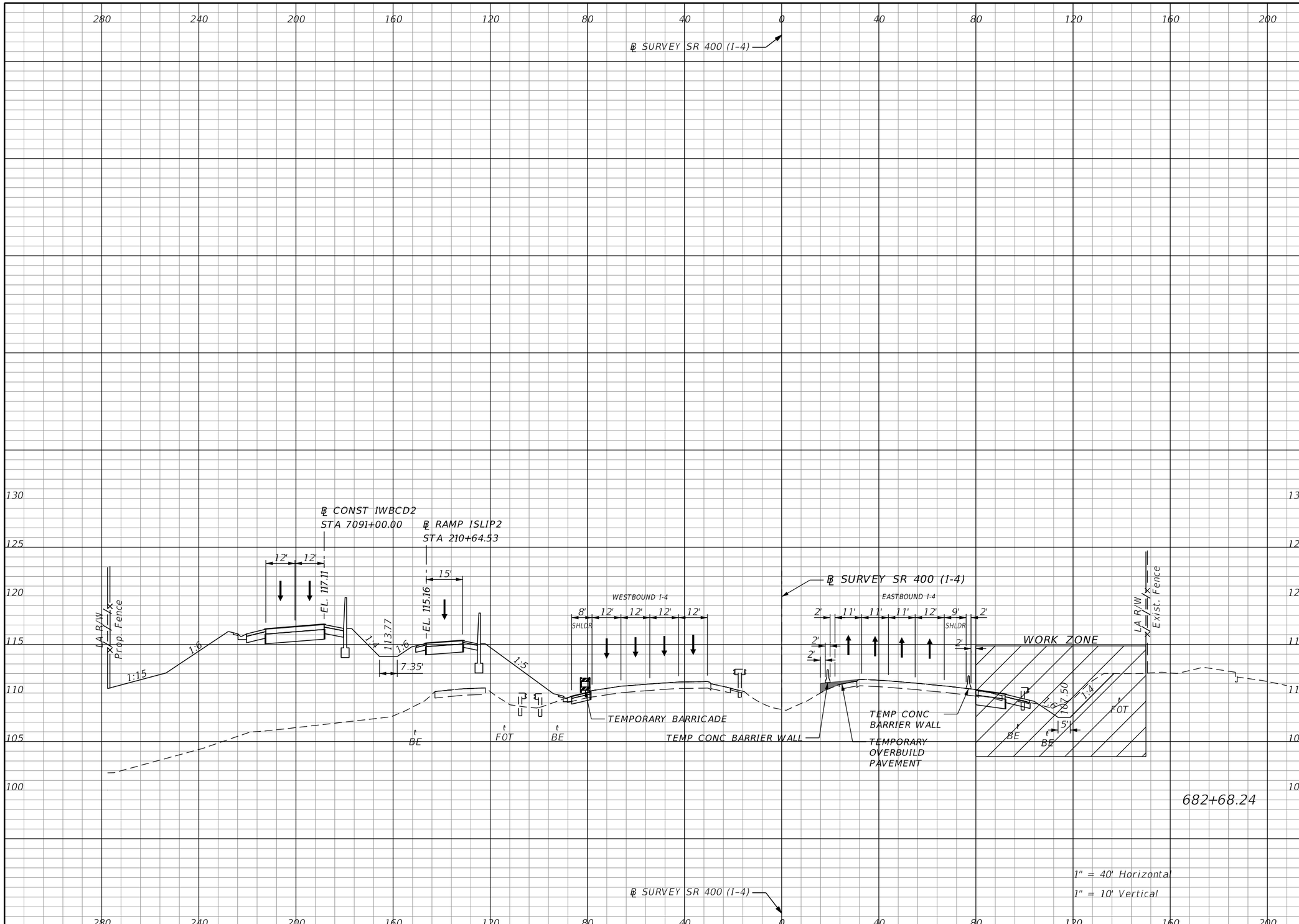

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
PHASE 2 - STAGE 1
CROSS SECTIONS

SHEET NO.
641

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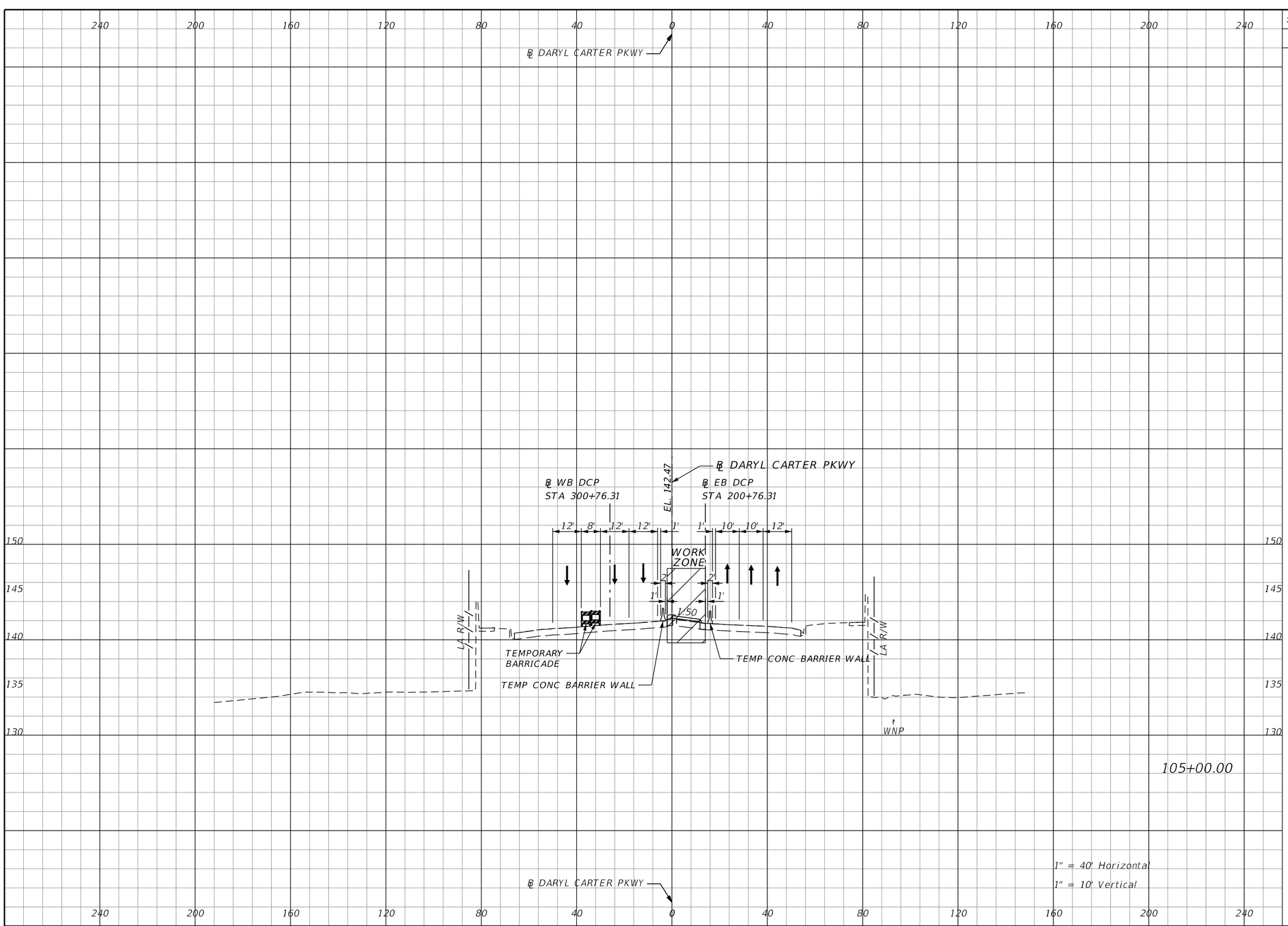
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY
PHASE 1 - STAGE 1
CROSS SECTIONS

SHEET NO. 642

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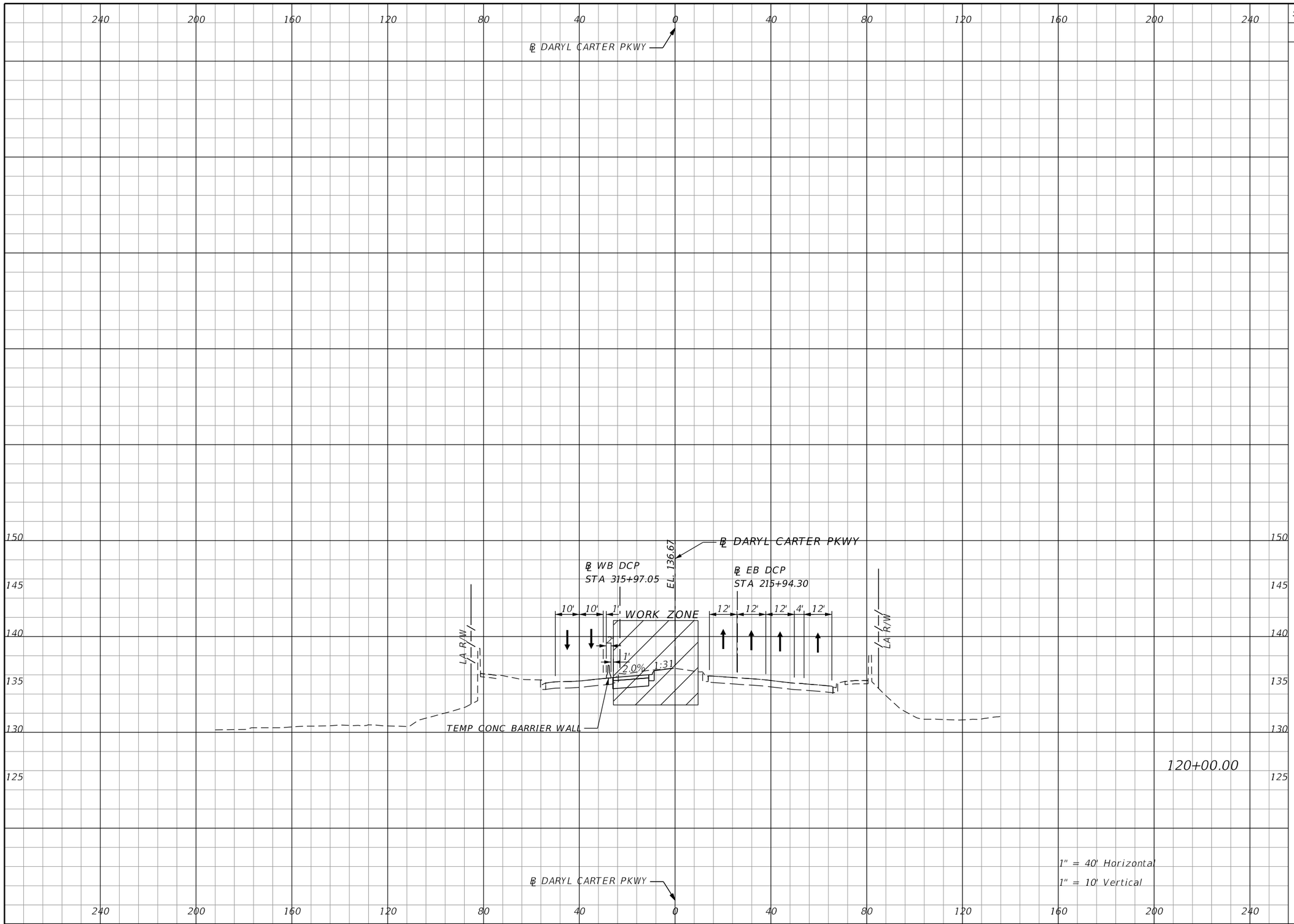
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY
PHASE 1 - STAGE 1
CROSS SECTIONS

SHEET NO. 643

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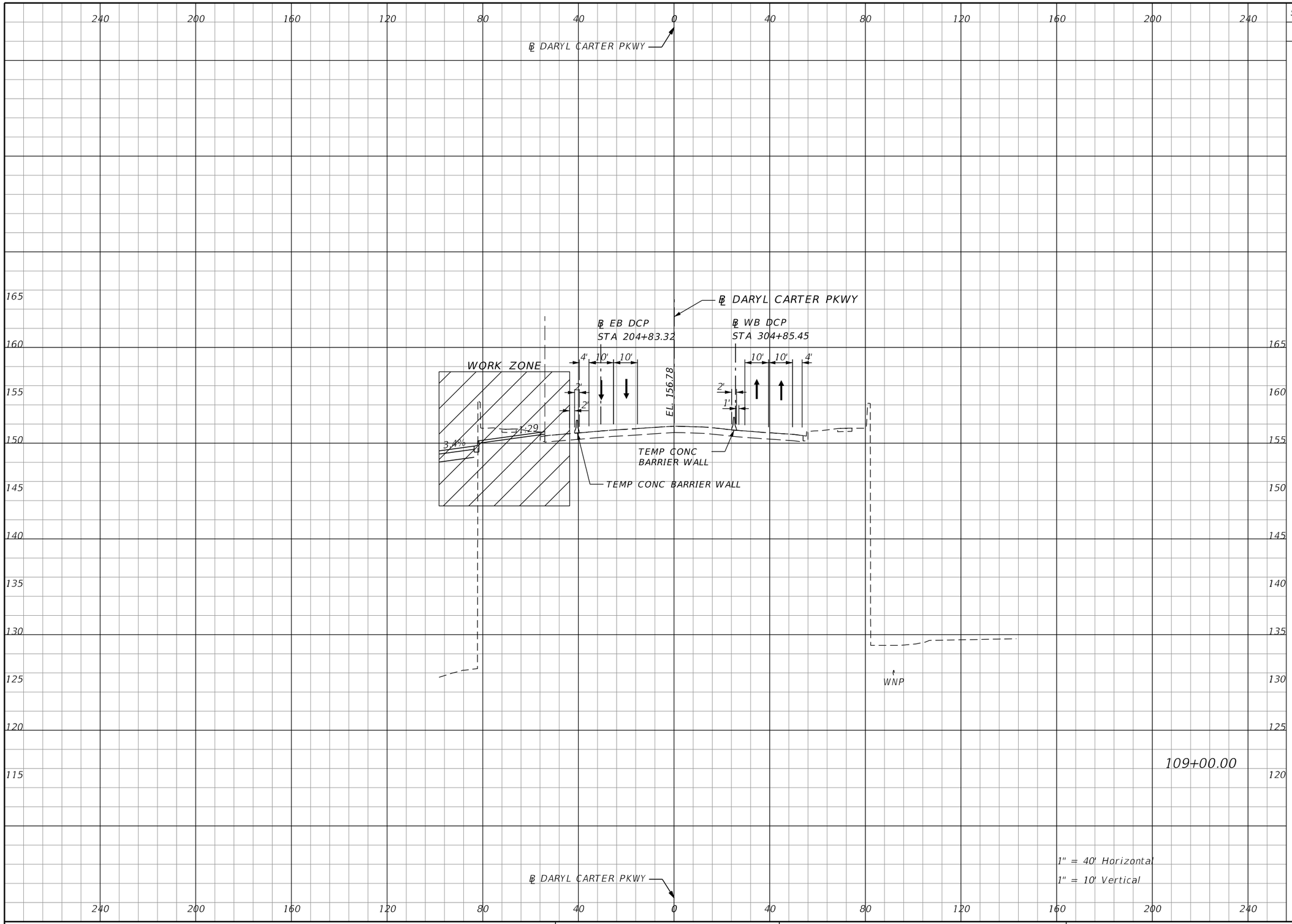

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY
PHASE 1 - STAGE 2
CROSS SECTIONS

SHEET NO.
644

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Subsoil Exc.		Regular Exc.		Embankment	
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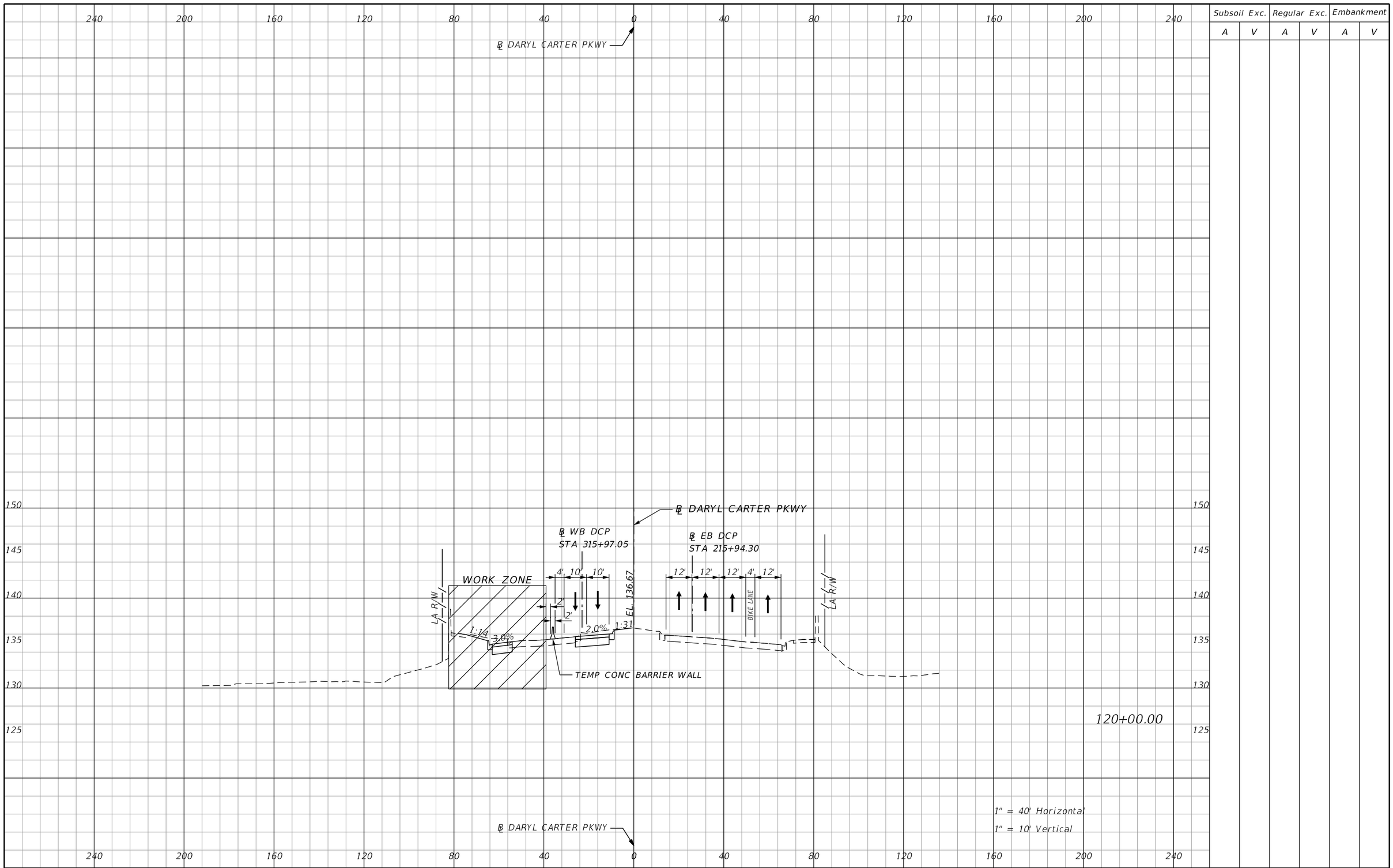

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY
PHASE 1 - STAGE 2
CROSS SECTIONS

SHEET NO. 645

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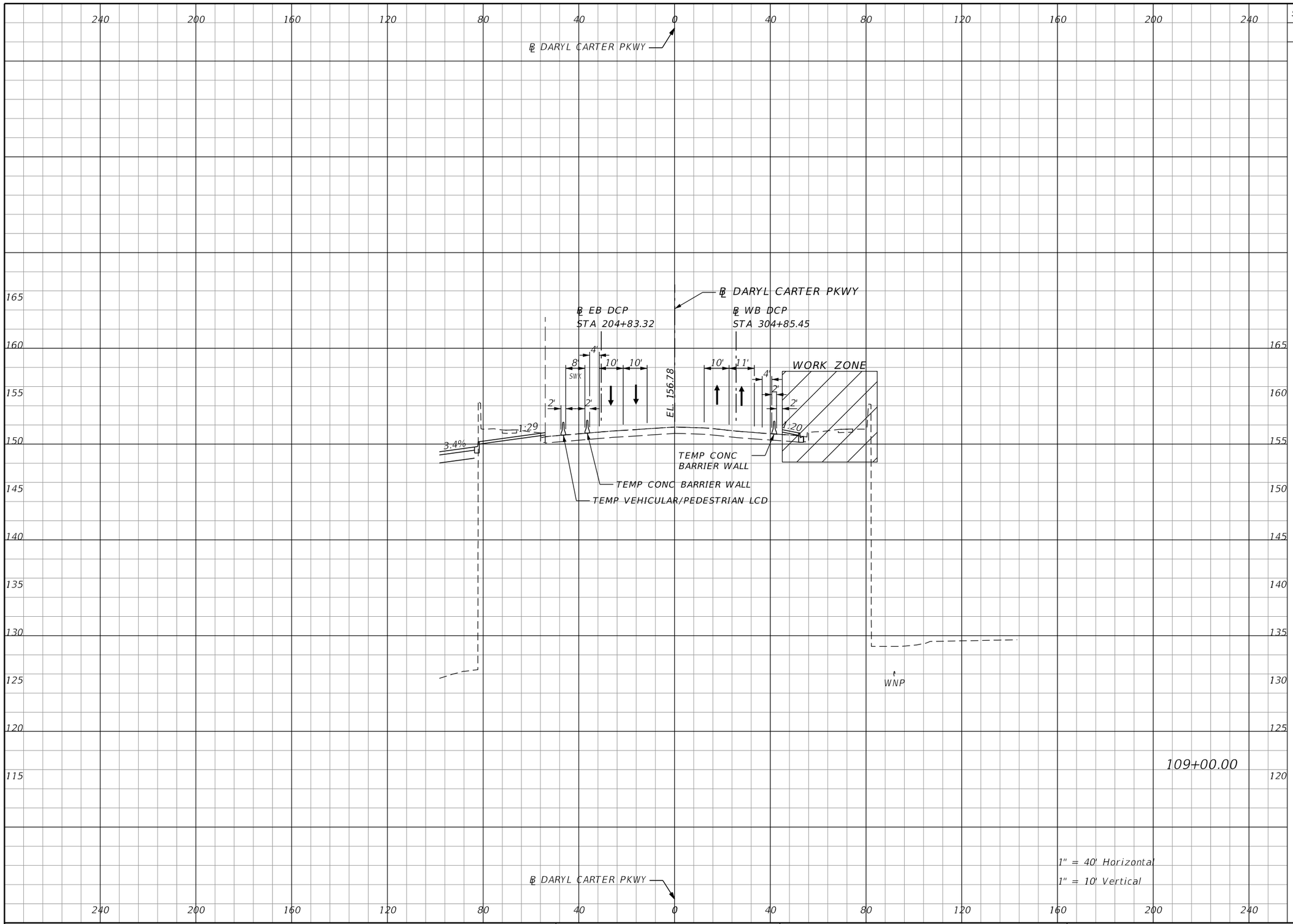

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY PHASE 2 - STAGE 1 CROSS SECTIONS

SHEET NO. 646

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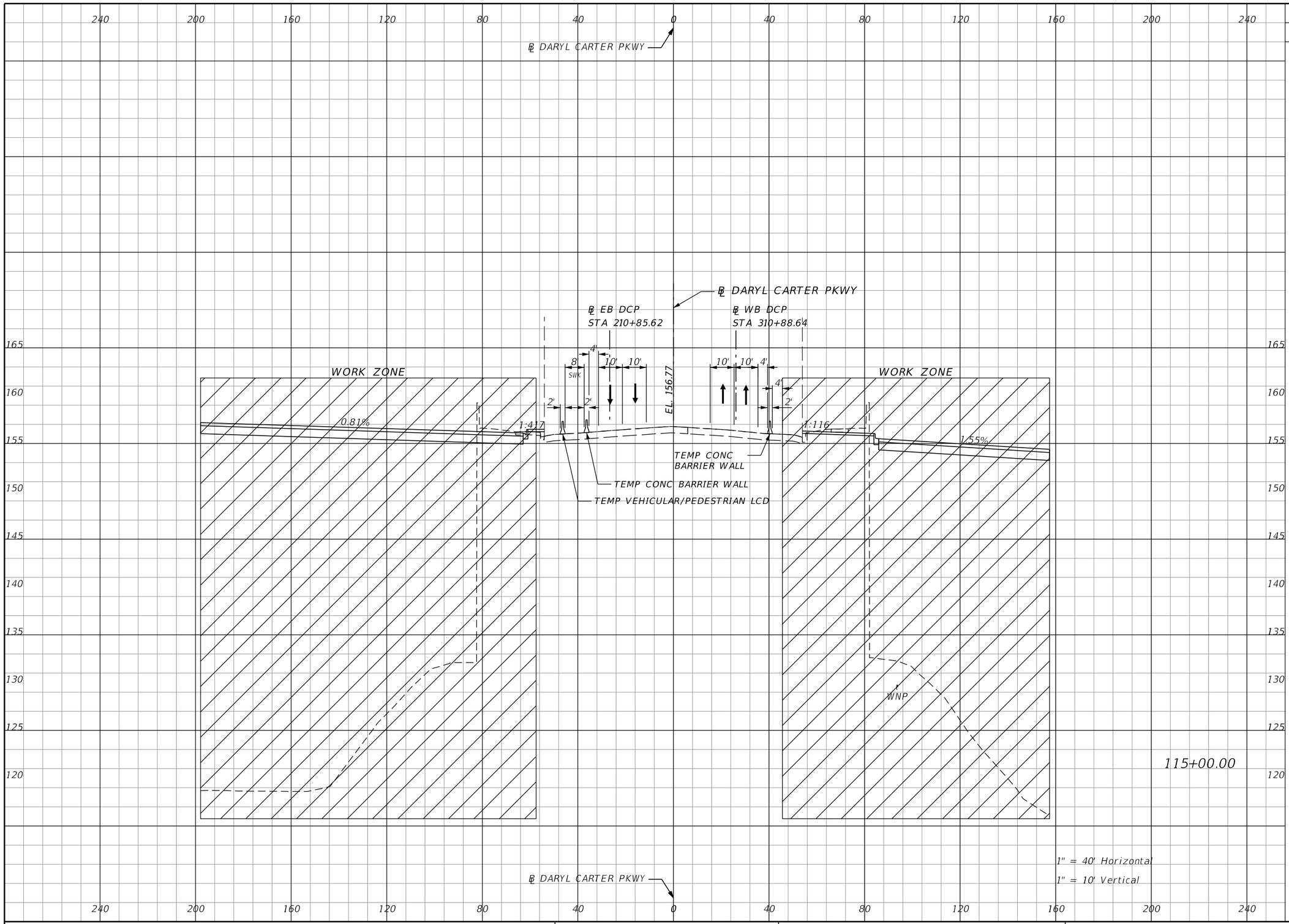
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY
PHASE 2 - STAGE 1
CROSS SECTIONS

SHEET NO. 647

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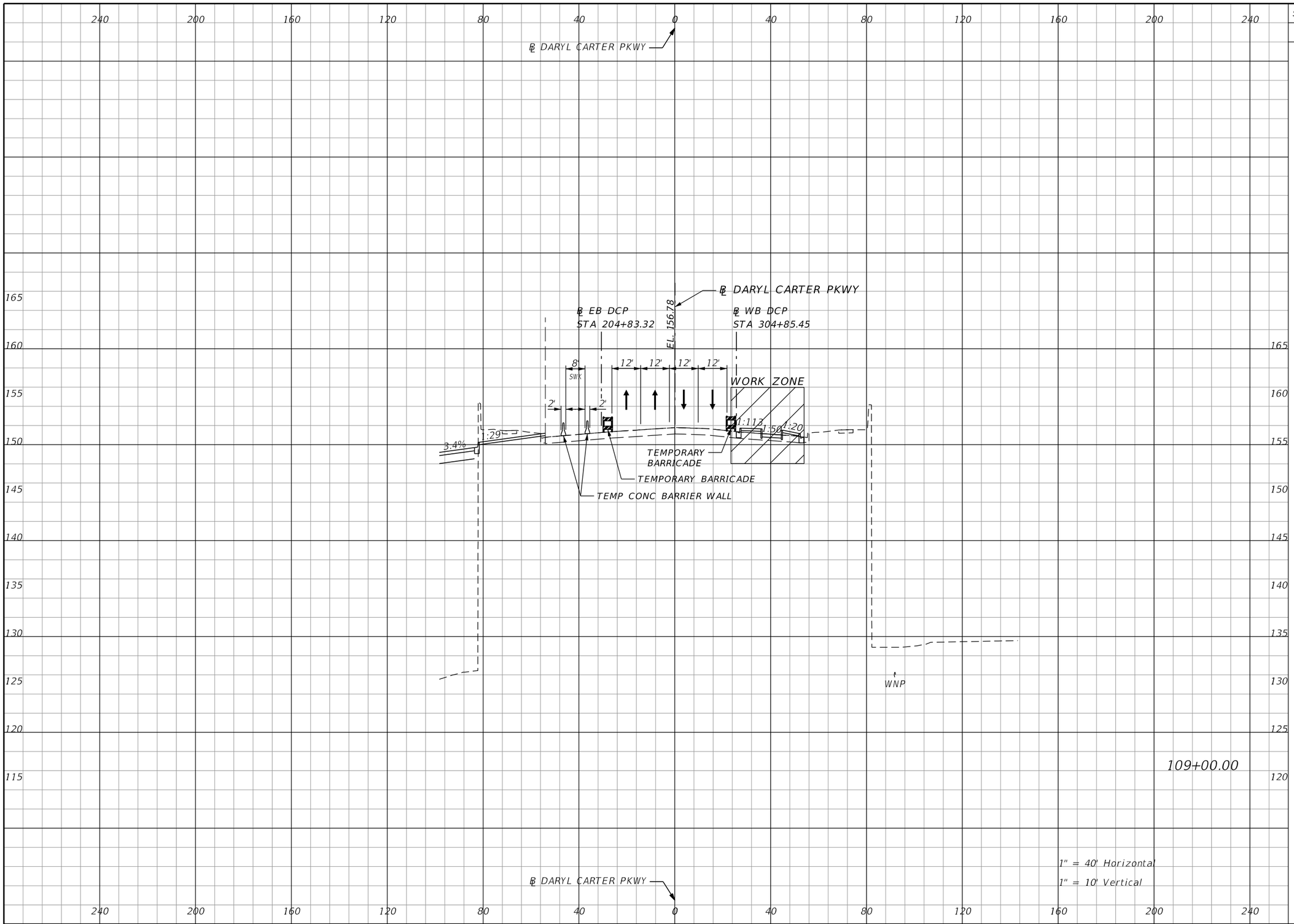

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY
PHASE 2 - STAGE 2
CROSS SECTIONS

SHEET NO. 648

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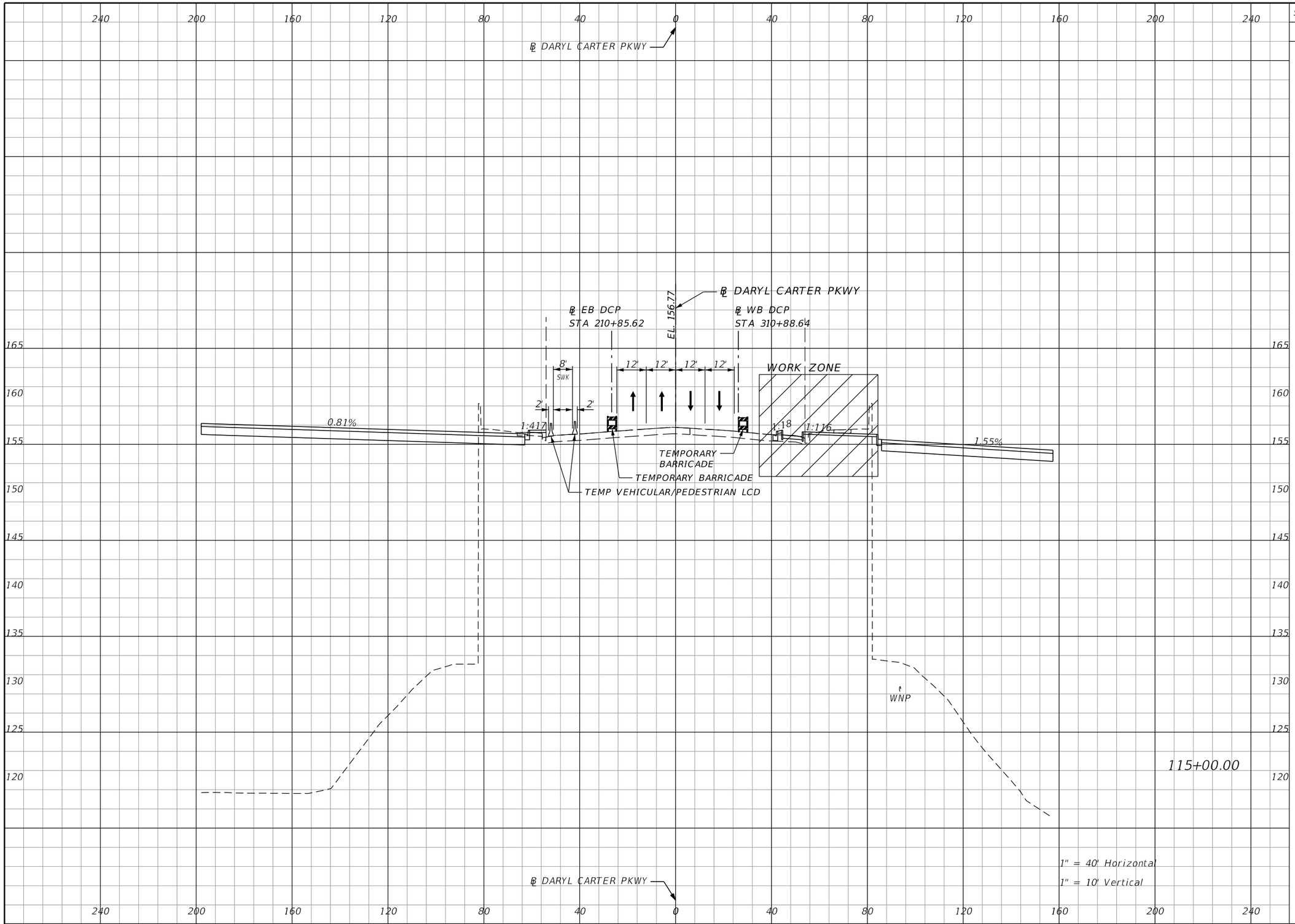

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V

1" = 40' Horizontal
1" = 10' Vertical

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DARYL CARTER PKWY
PHASE 2 - STAGE 2
CROSS SECTIONS

SHEET NO. 649

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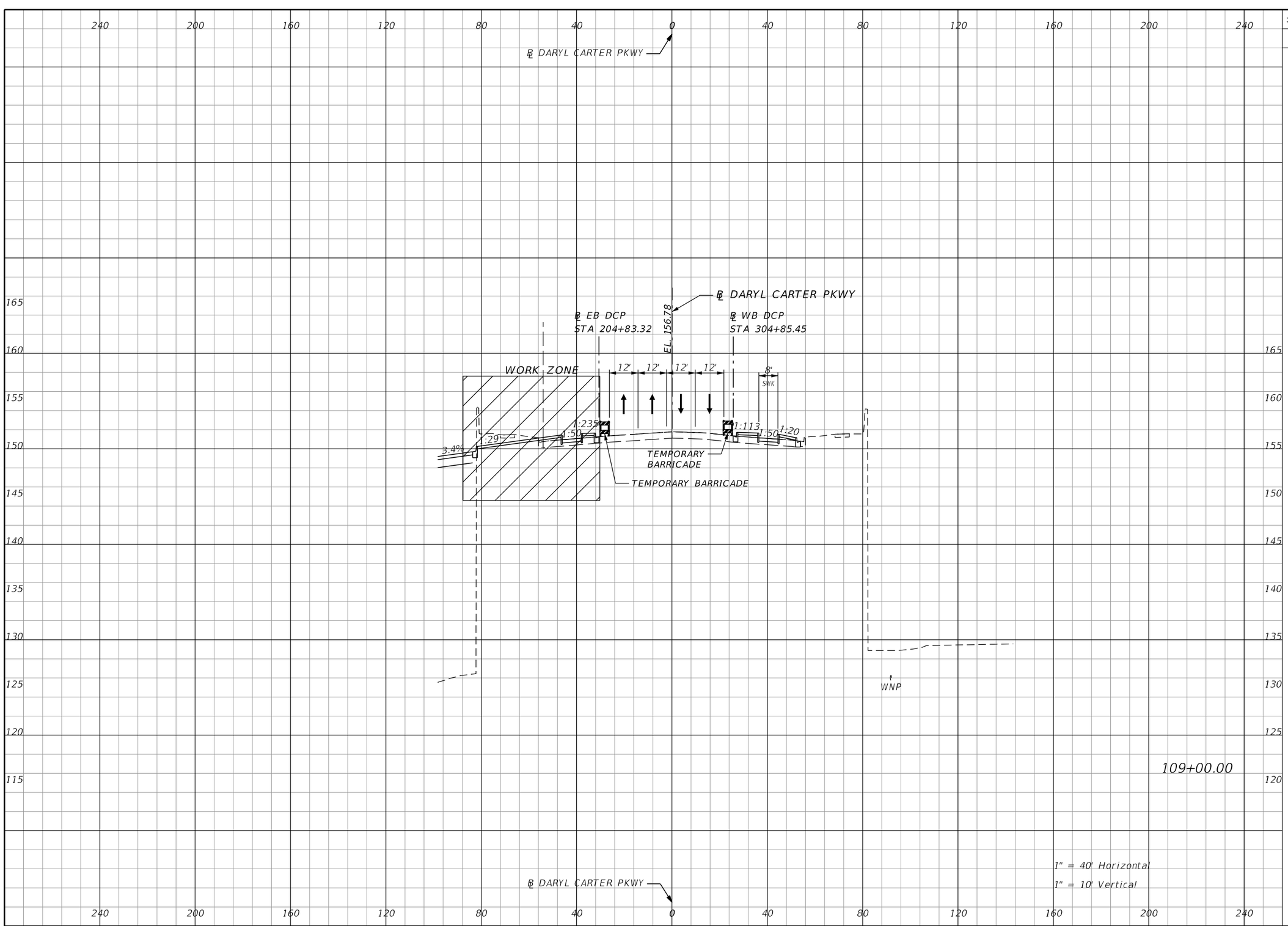

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V

REVISIONS

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY
PHASE 2 - STAGE 3
CROSS SECTIONS

SHEET NO. 650

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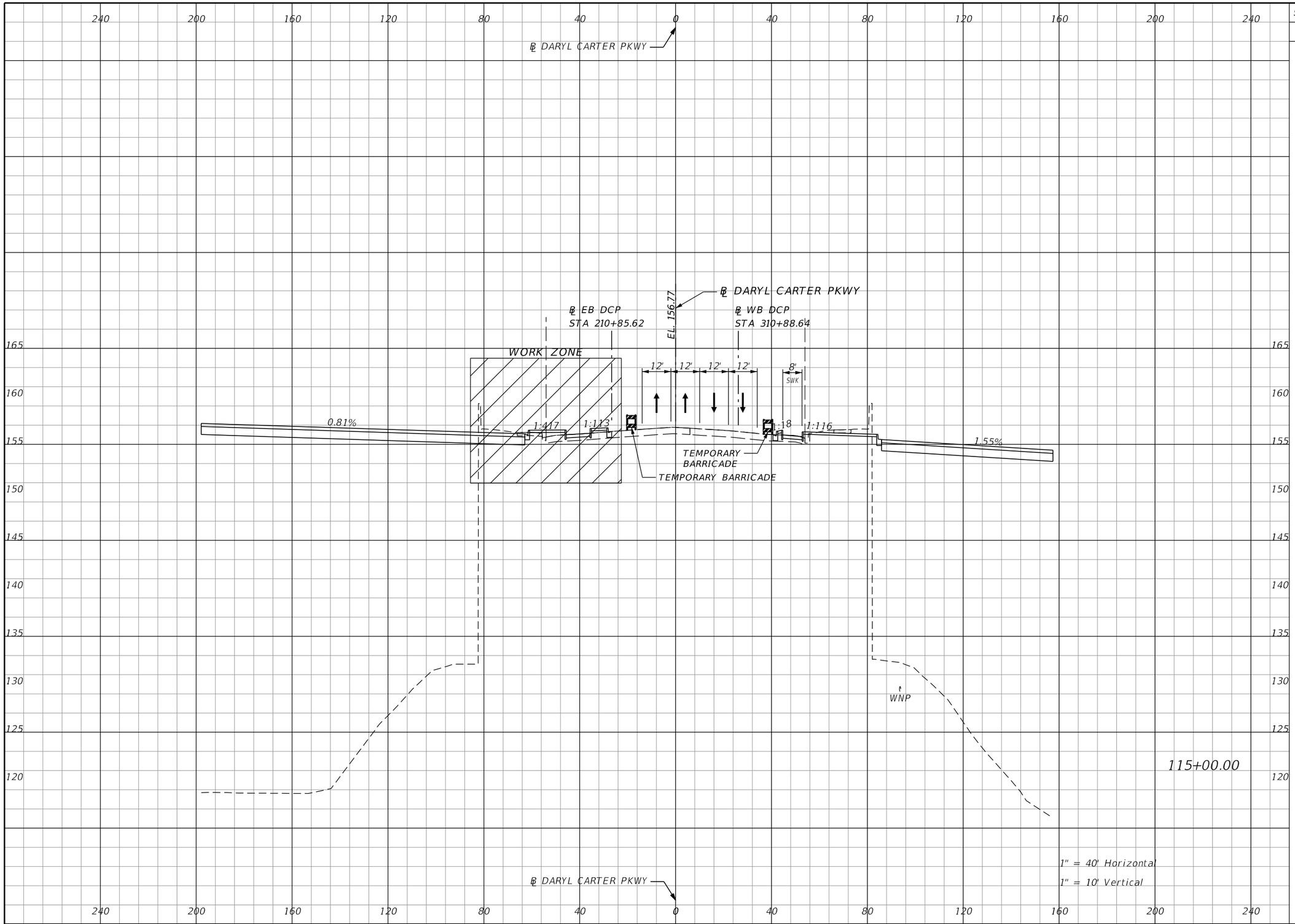

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V

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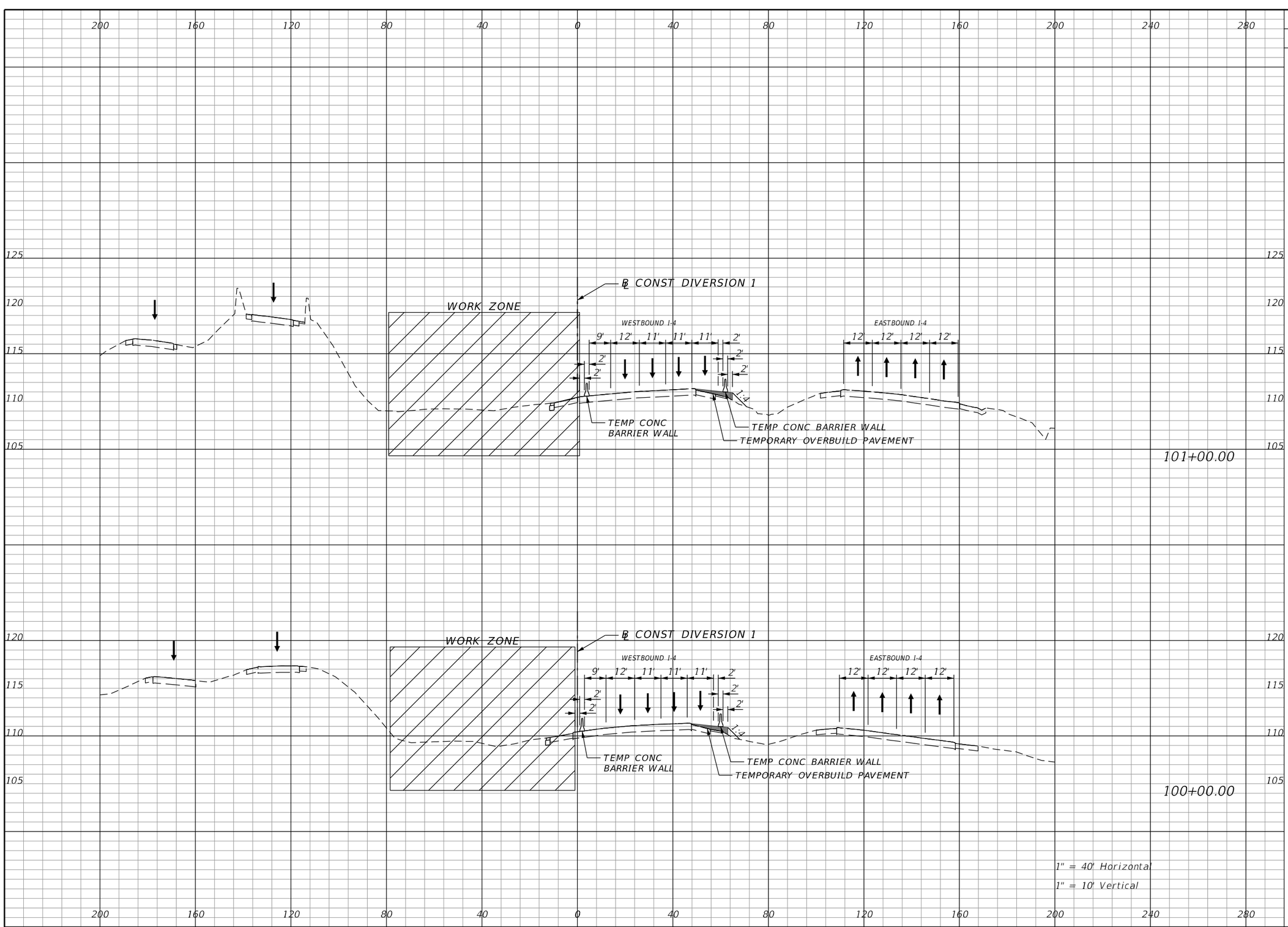
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY
PHASE 2 - STAGE 3
CROSS SECTIONS

SHEET NO. 651

glen.dvorovy 5/6/2020 5:28:47 PM c:\pwworking\aecom_na\glen.dvorovy\d0177900\TCTYRD00_DCP.DGN

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V



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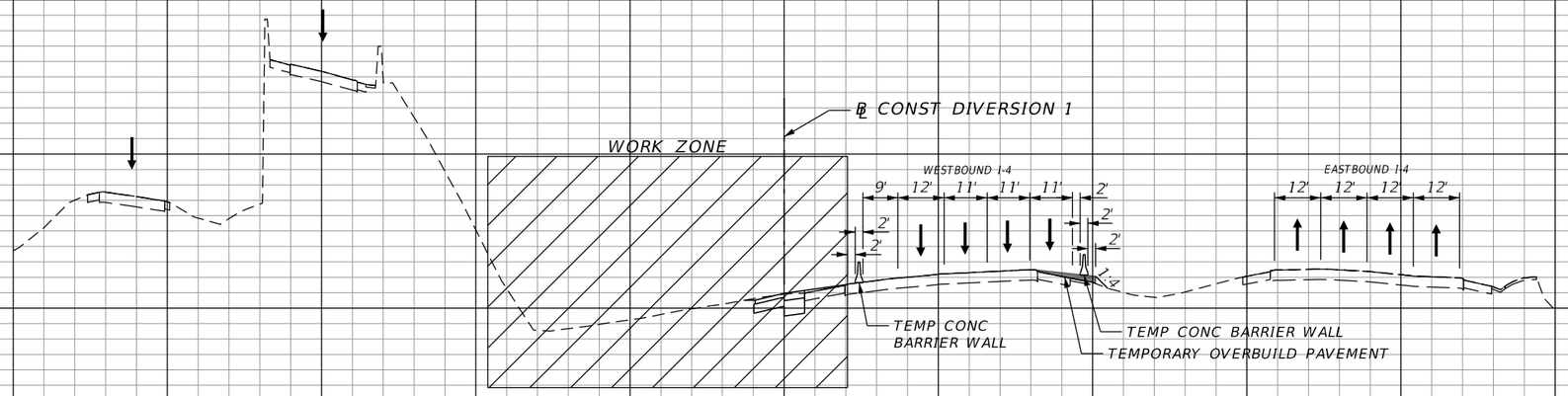
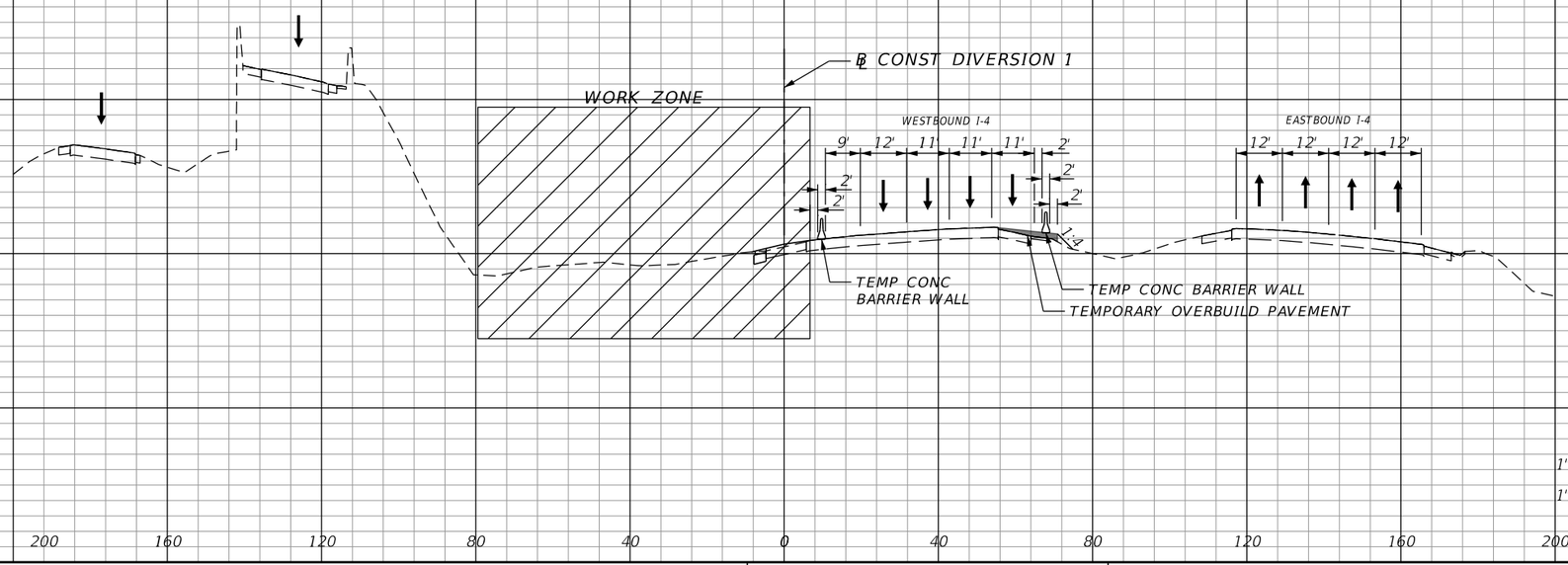
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 1
PHASE 1 - STAGE 1
CROSS SECTIONS

SHEET NO. 652

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V





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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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DIVERSION 1
PHASE 1 - STAGE 1
CROSS SECTIONS

SHEET NO. 653

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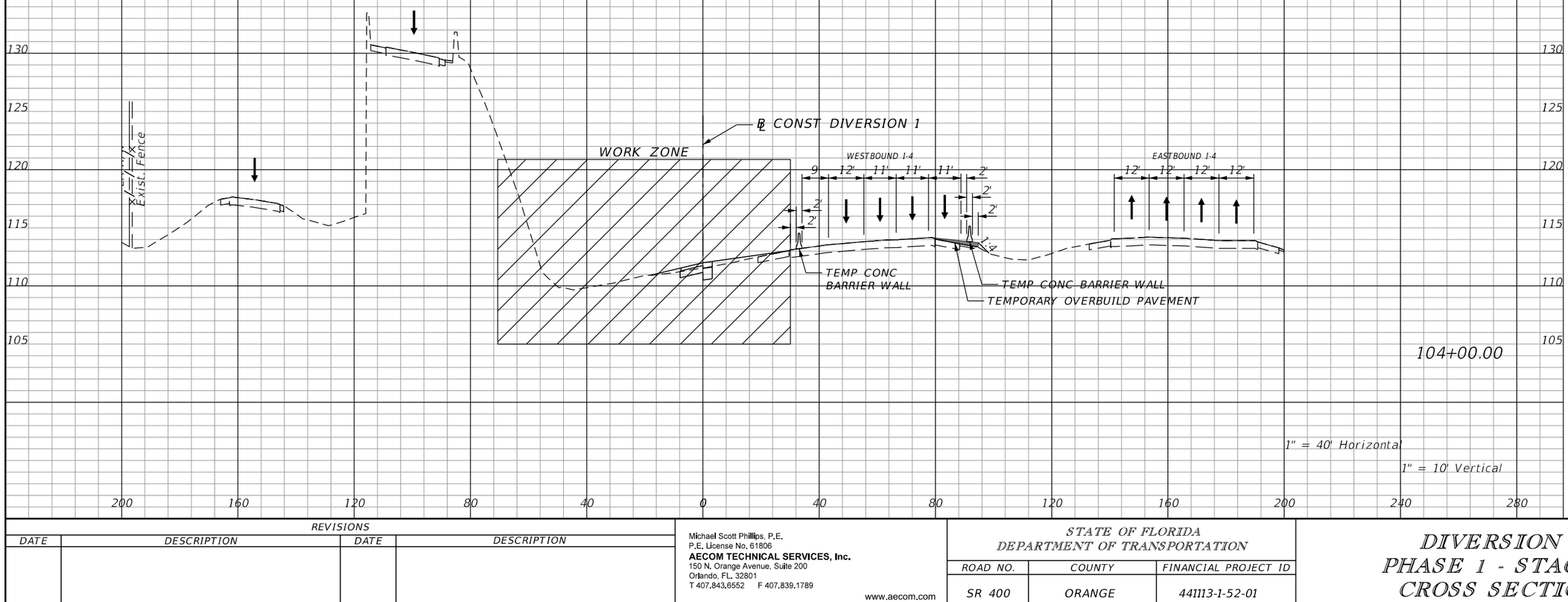
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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DIVERSION 1
PHASE 1 - STAGE 1
CROSS SECTIONS

SHEET NO. 654

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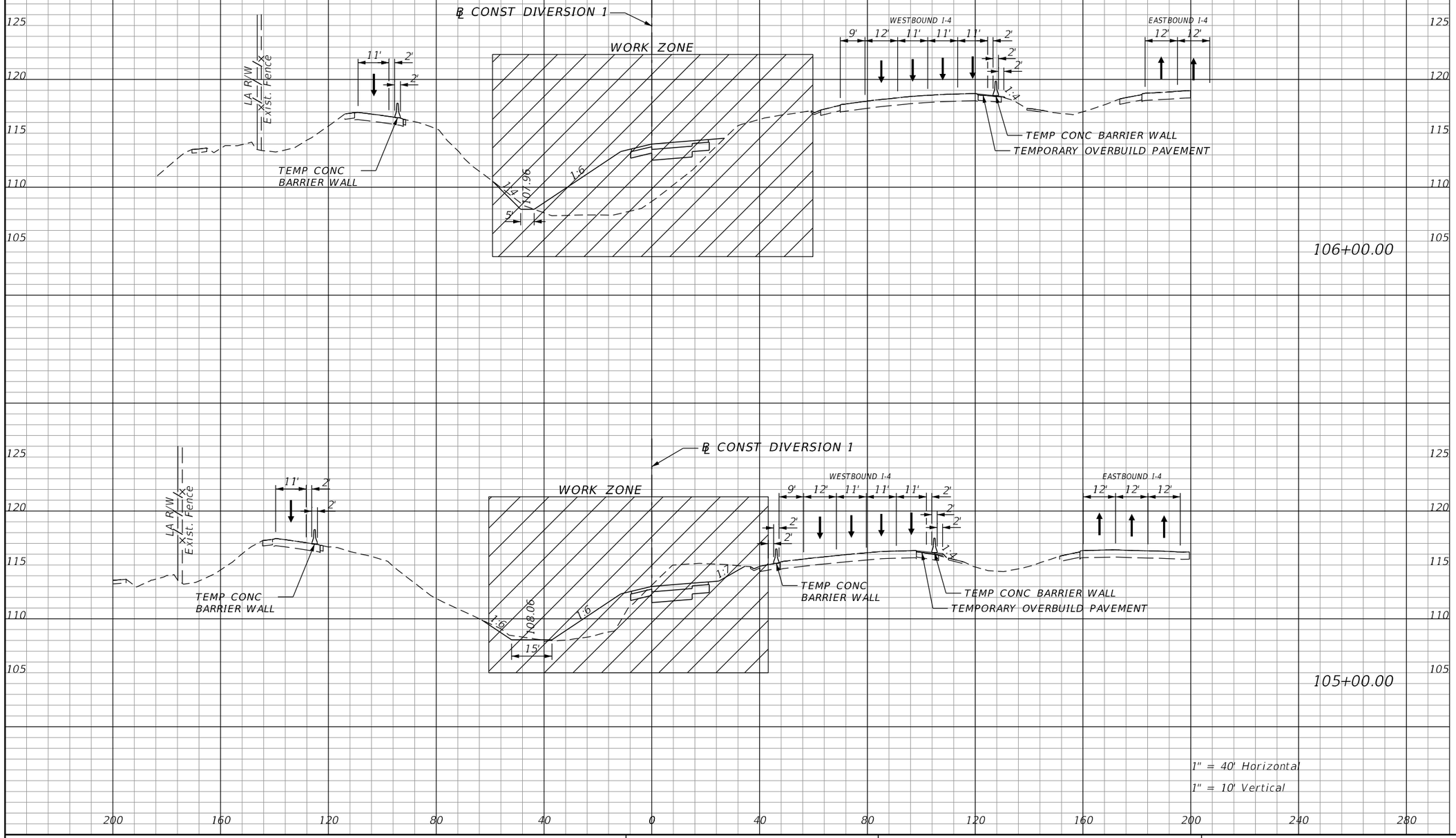
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 1
PHASE 1 - STAGE 1
CROSS SECTIONS

SHEET NO. 655

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Subsoil Exc.		Regular Exc.		Embankment	
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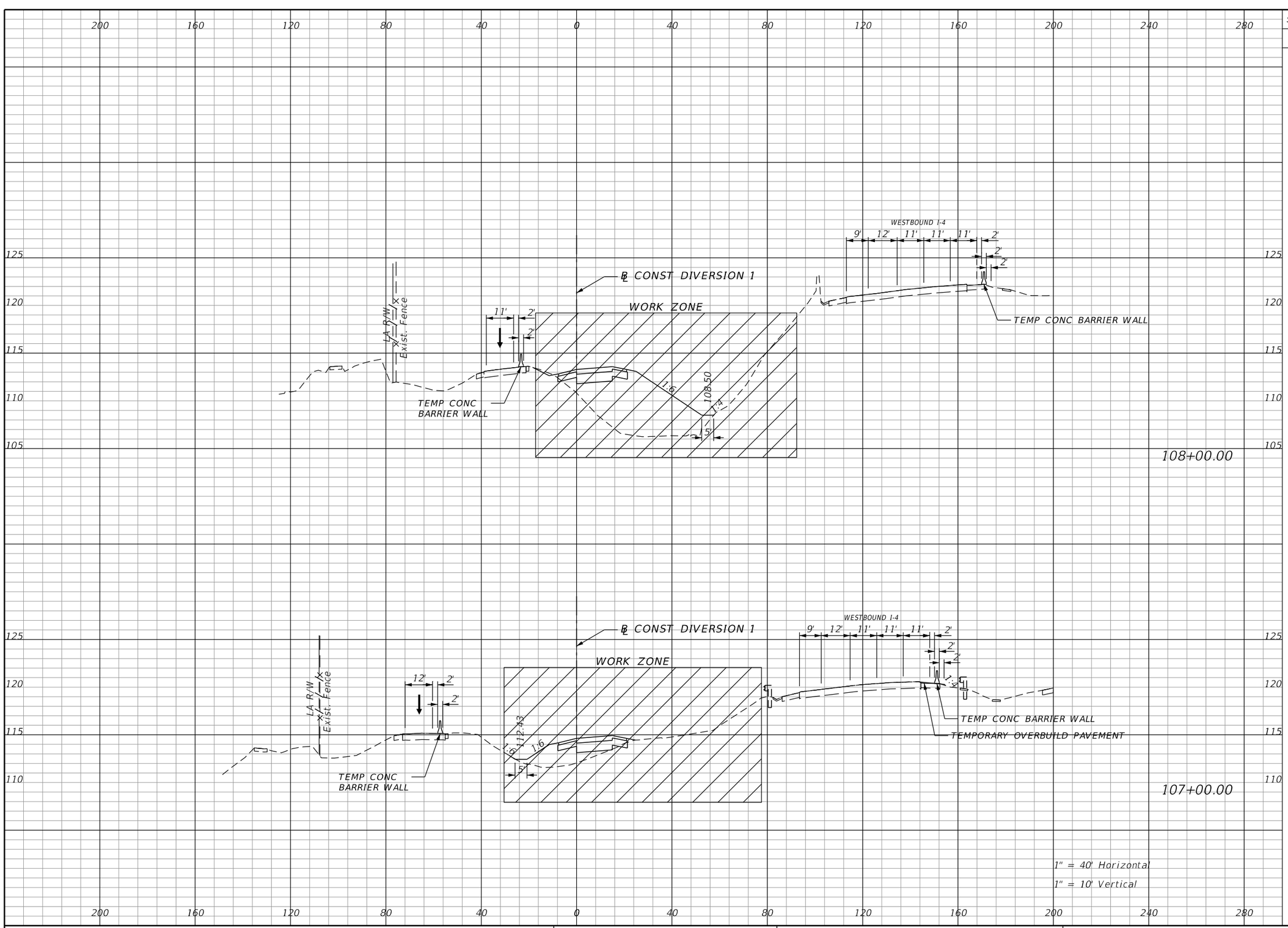

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 1 PHASE 1 - STAGE 1 CROSS SECTIONS

SHEET NO. 656

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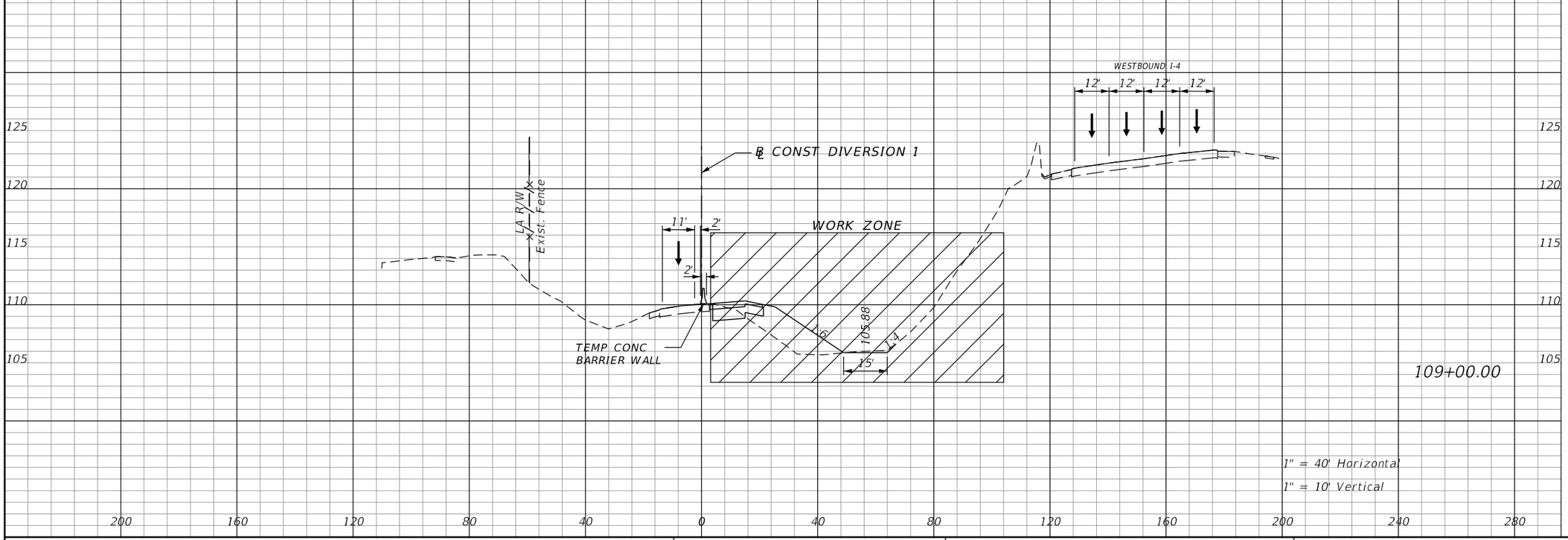
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 1
PHASE 1 - STAGE 1
CROSS SECTIONS

SHEET NO. 657

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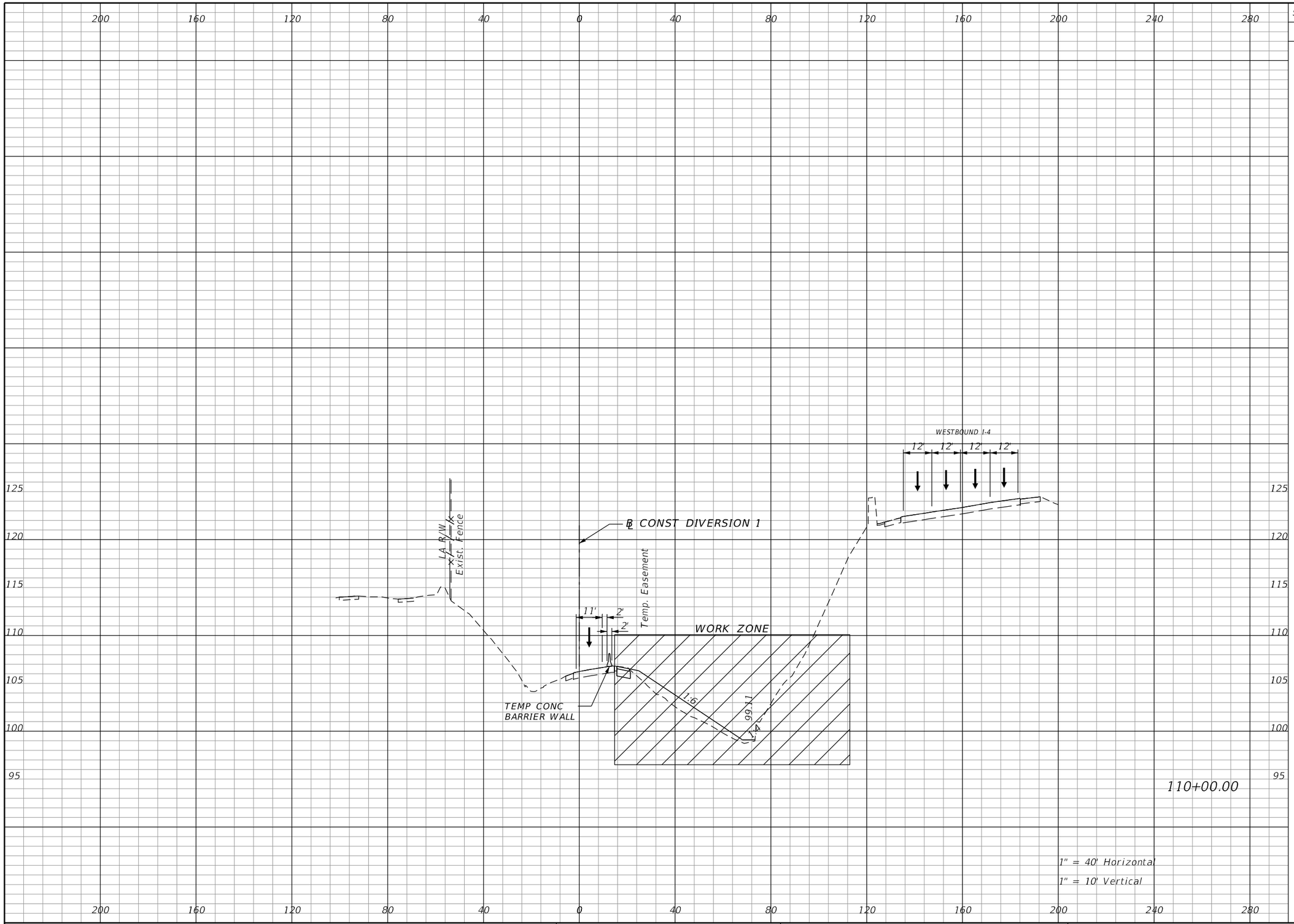

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 1
PHASE 1 - STAGE 1
CROSS SECTIONS

SHEET NO. 658

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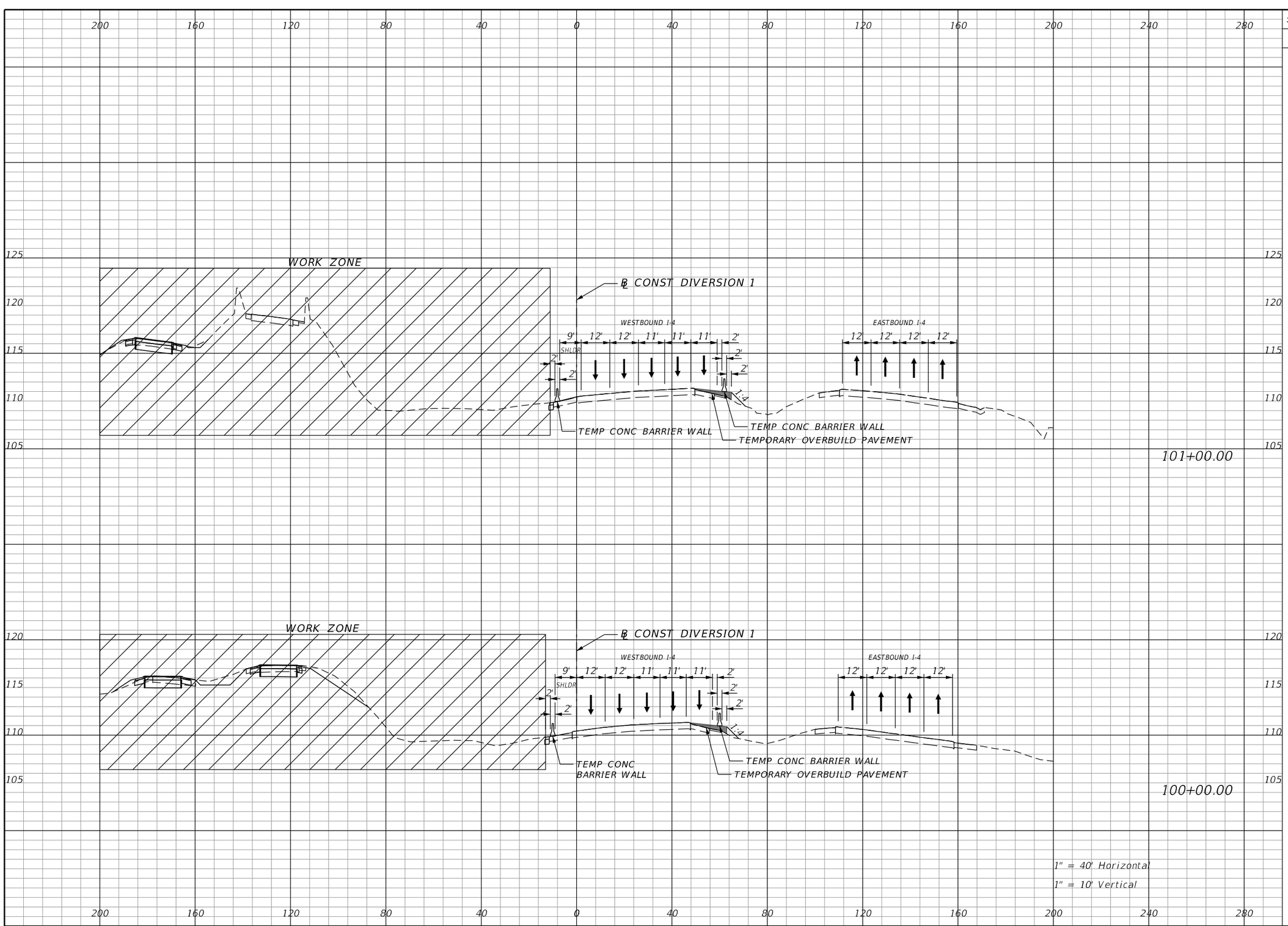

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V

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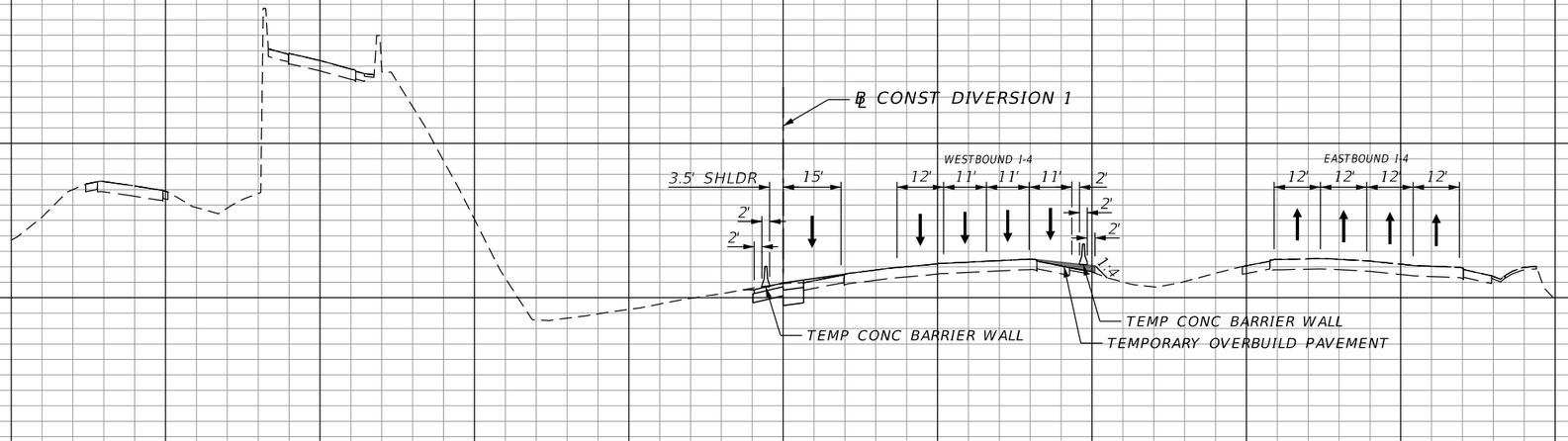
DEPARTMENT OF TRANSPORTATION

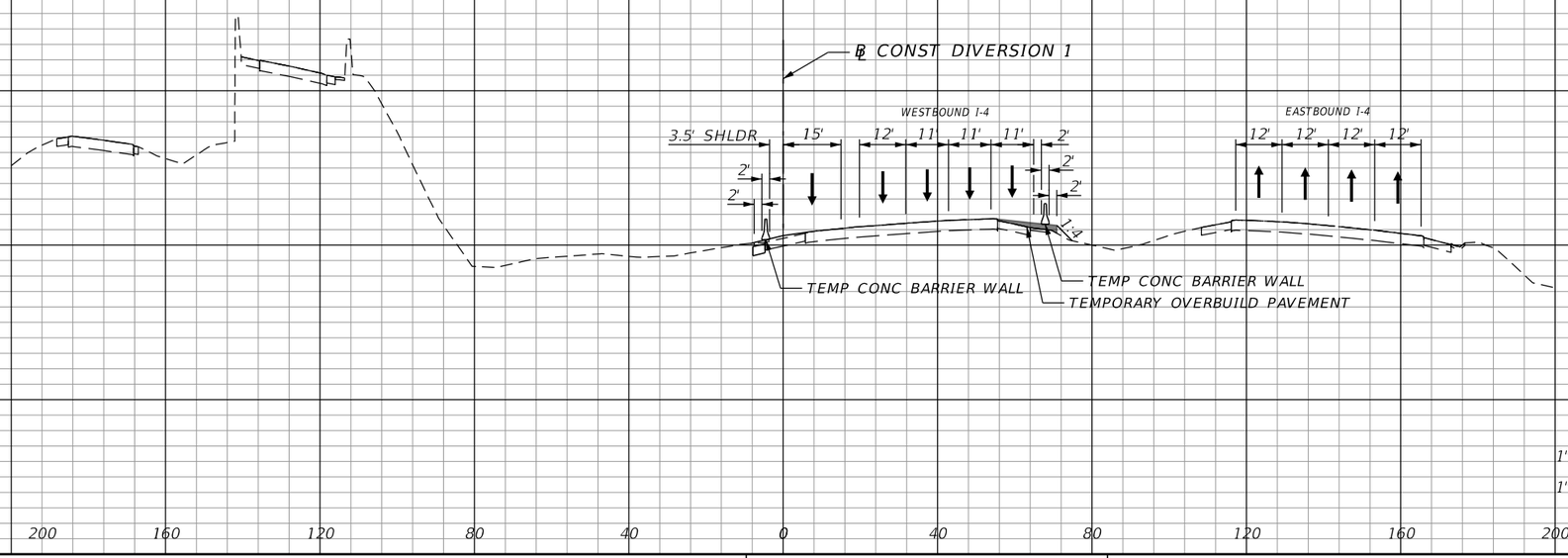
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 1
PHASE 1 - STAGE 3
CROSS SECTIONS

SHEET NO. 659

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V





1" = 40' Horizontal

1" = 10' Vertical

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www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

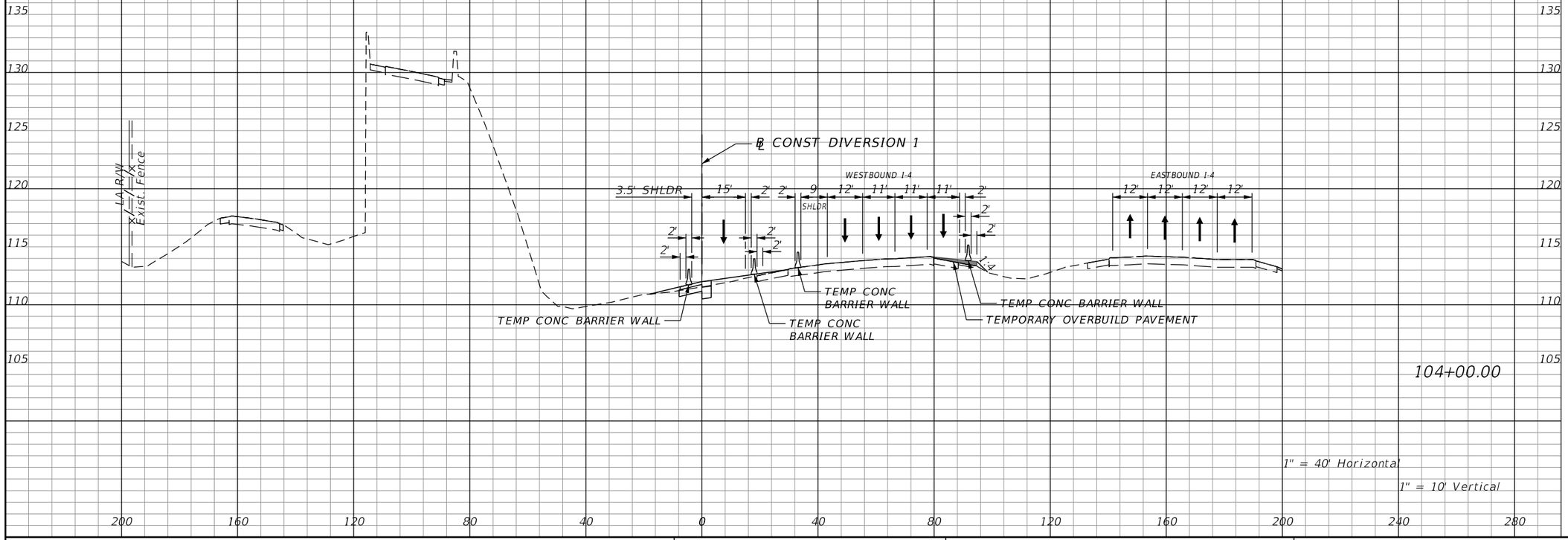
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 1 PHASE 1 - STAGE 3 CROSS SECTIONS

SHEET NO. 660

glen.dvorovy 5/6/2020 5:30:01 PM c:\pwworking\aecom_na\glen.dvorovy\d0177900\TCTYRD00_DIV01.DGN

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
P.E. License No. 61806
AECOM TECHNICAL SERVICES, Inc.
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Orlando, FL. 32801
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www.aecom.com

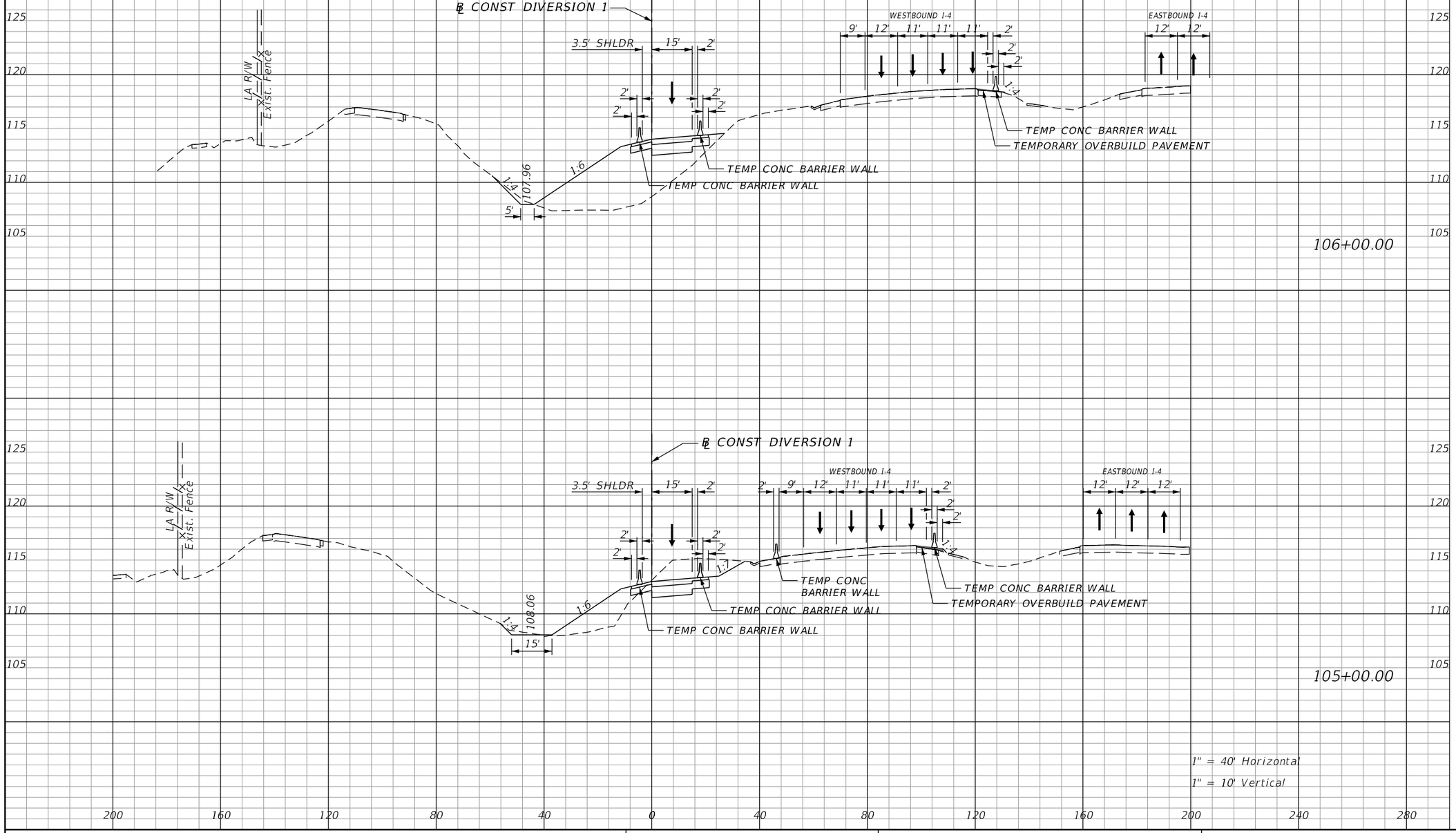
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 1
PHASE 1 - STAGE 3
CROSS SECTIONS

SHEET NO. 661

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 1
PHASE 1 - STAGE 3
CROSS SECTIONS

SHEET NO. 662

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Subsoil Exc.		Regular Exc.		Embankment	
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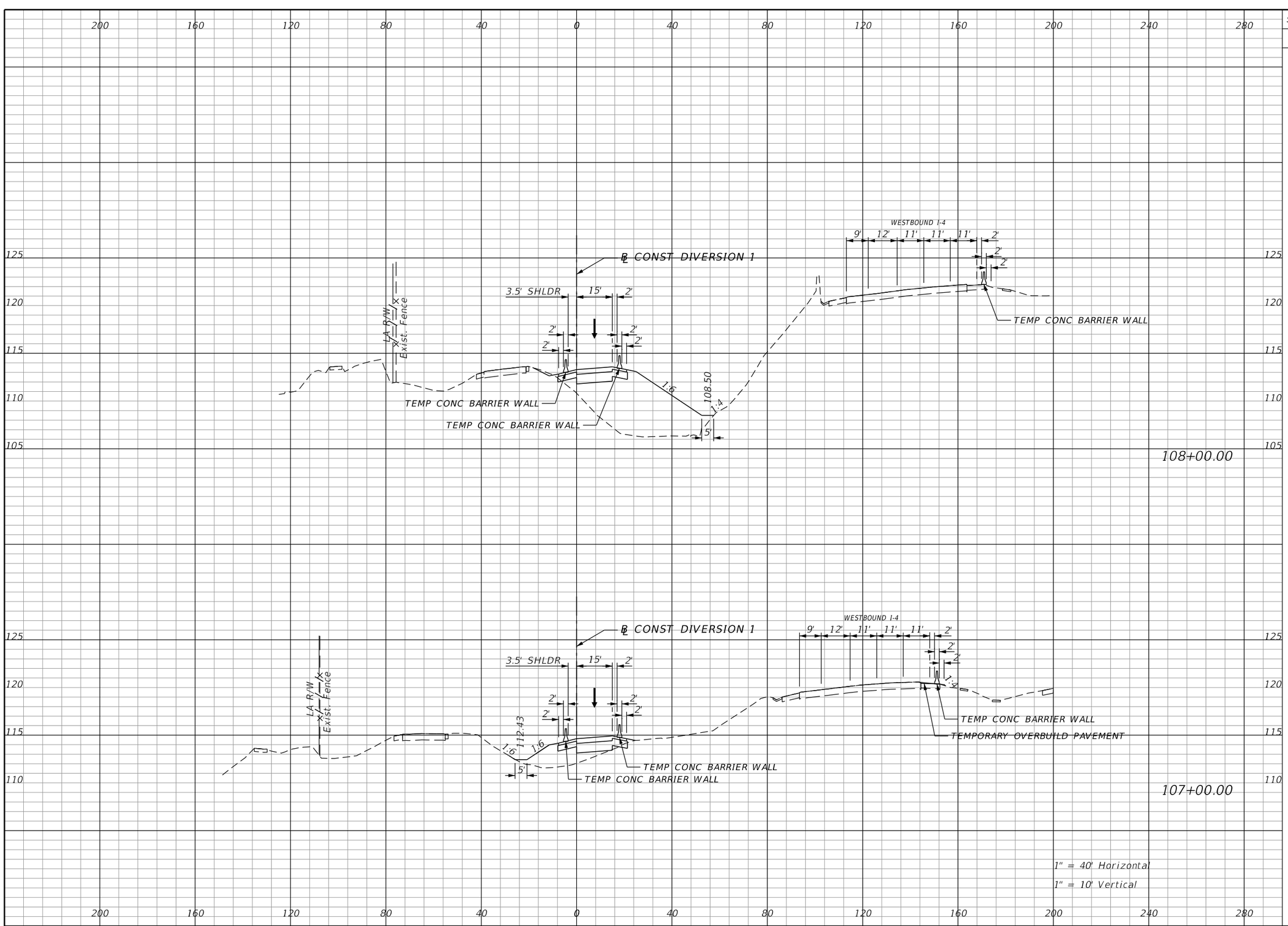

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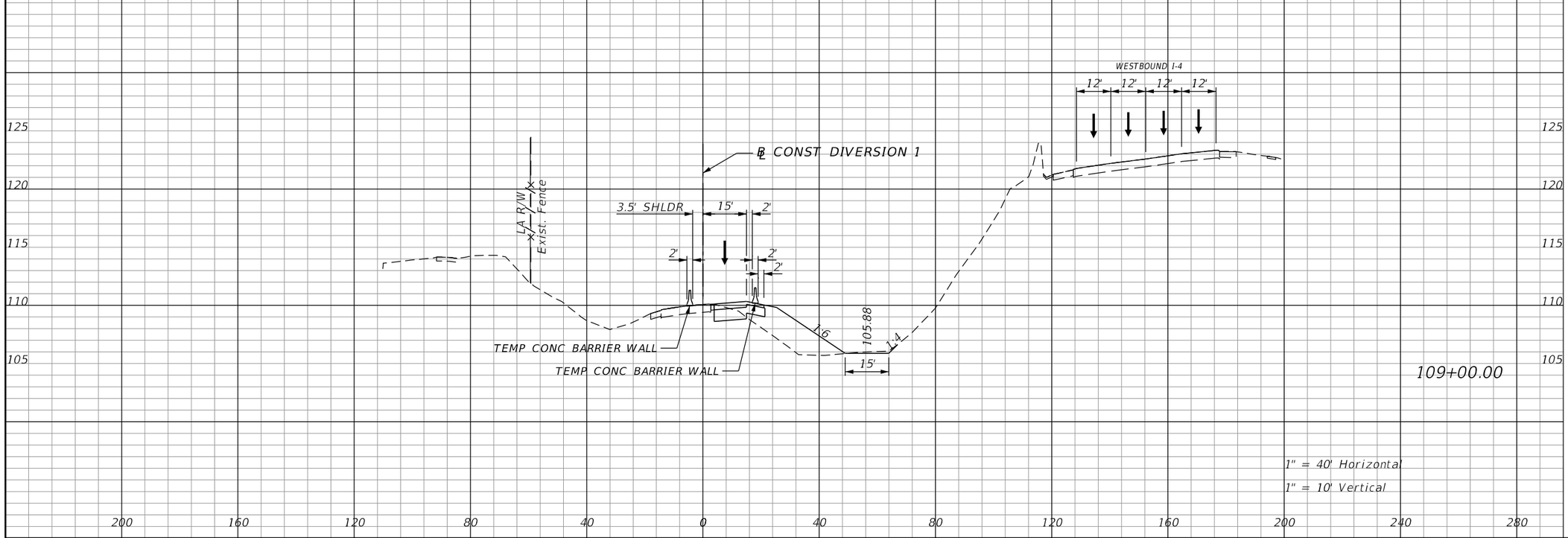
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 1
PHASE 1 - STAGE 3
CROSS SECTIONS

SHEET NO. 663

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V



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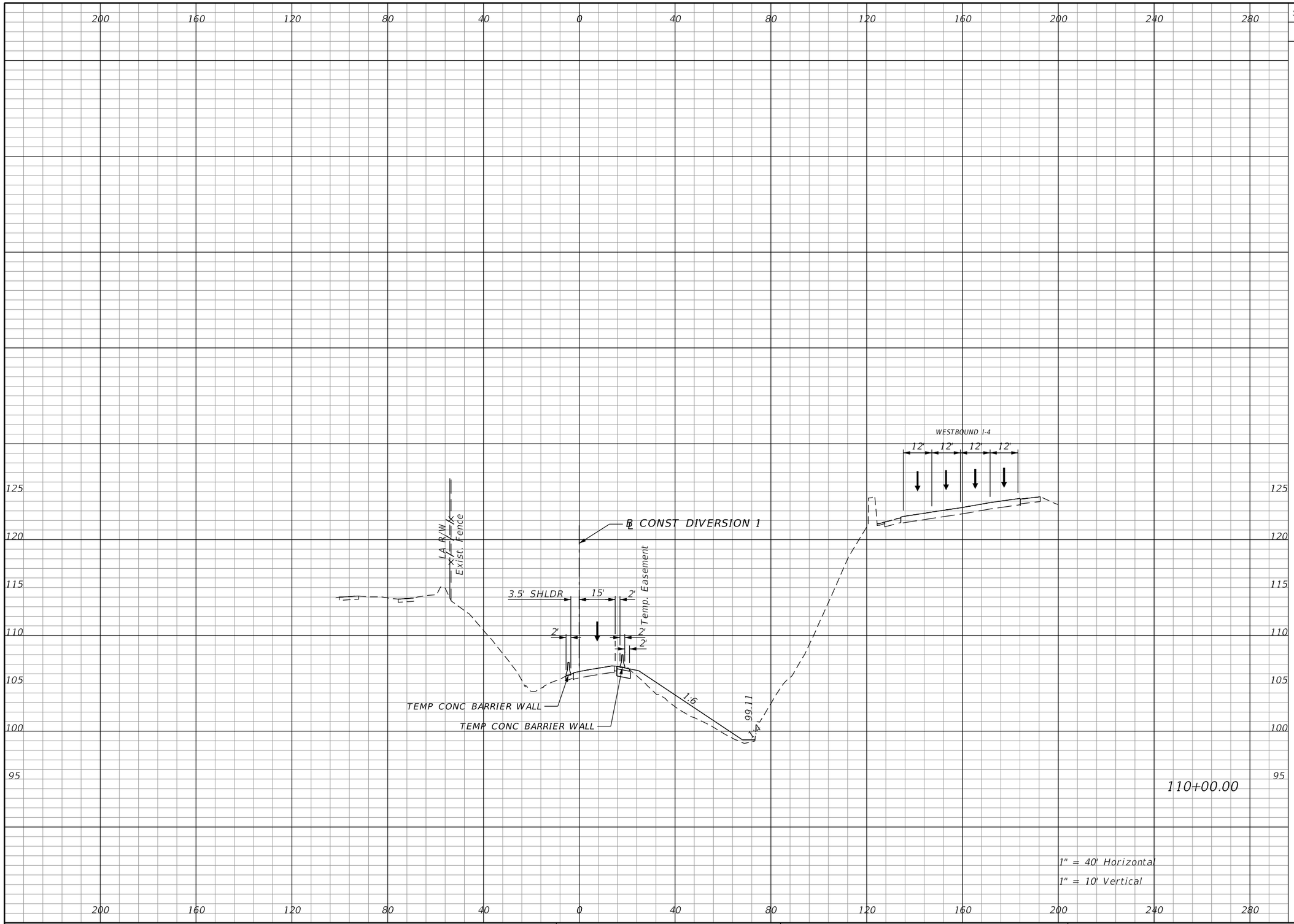
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 1
PHASE 1 - STAGE 3
CROSS SECTIONS

SHEET NO. 664

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 1
PHASE 1 - STAGE 3
CROSS SECTIONS

SHEET NO. 665

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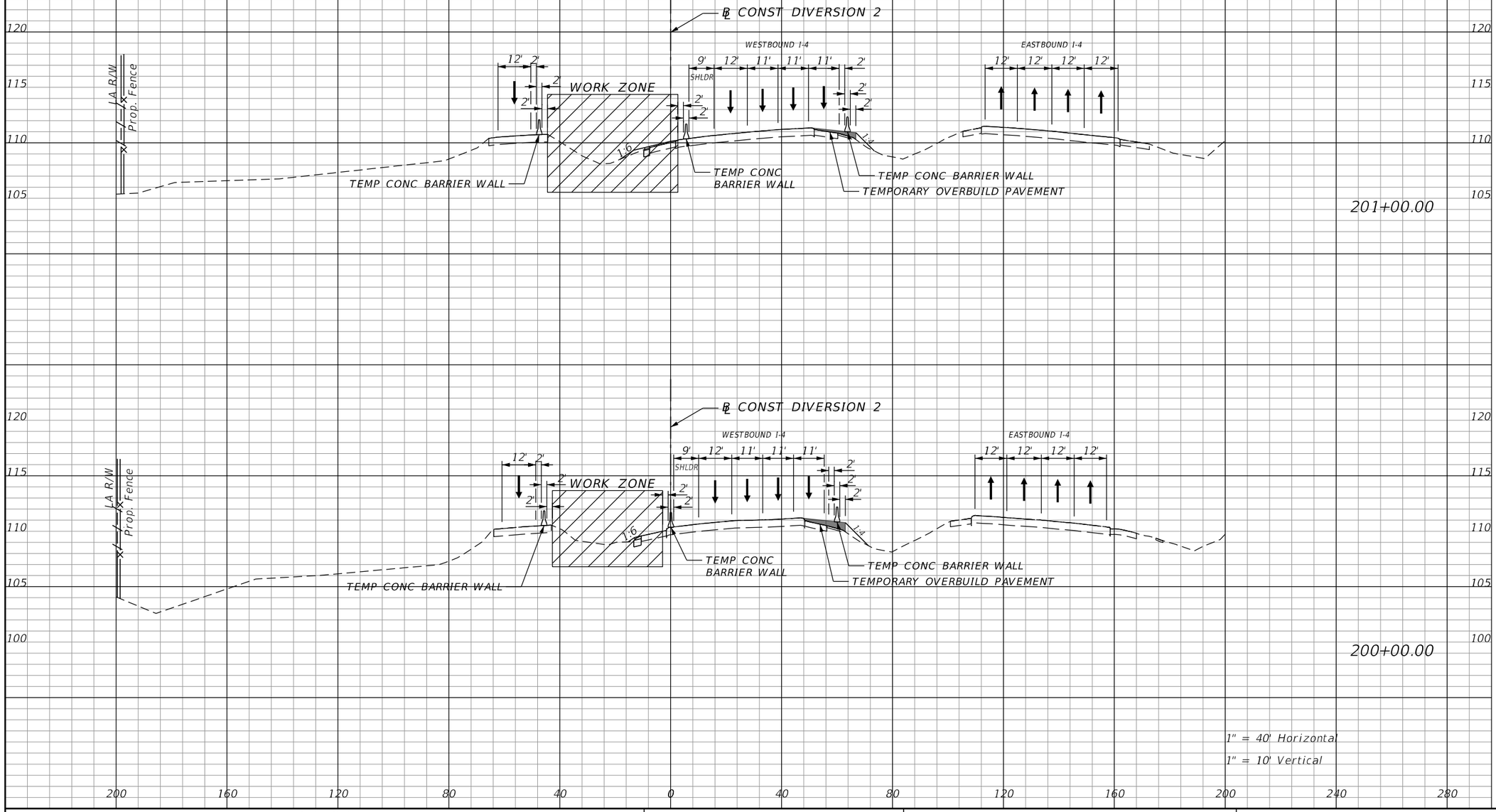
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V



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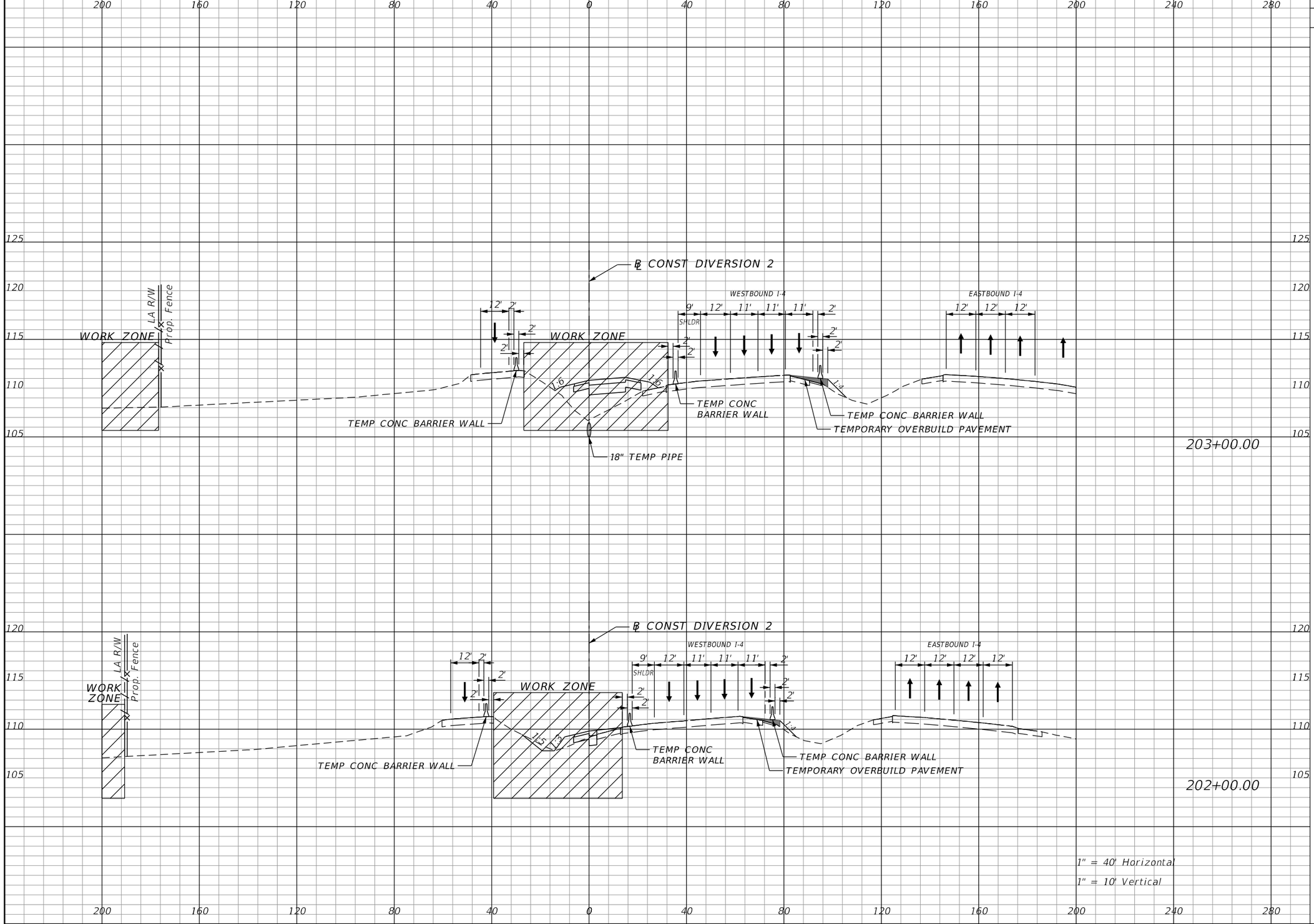
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 2 PHASE 1 - STAGE 1 CROSS SECTIONS

SHEET NO. 666

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V



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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 2 PHASE 1 - STAGE 1 CROSS SECTIONS

SHEET NO. 667

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Subsoil Exc.		Regular Exc.		Embankment	
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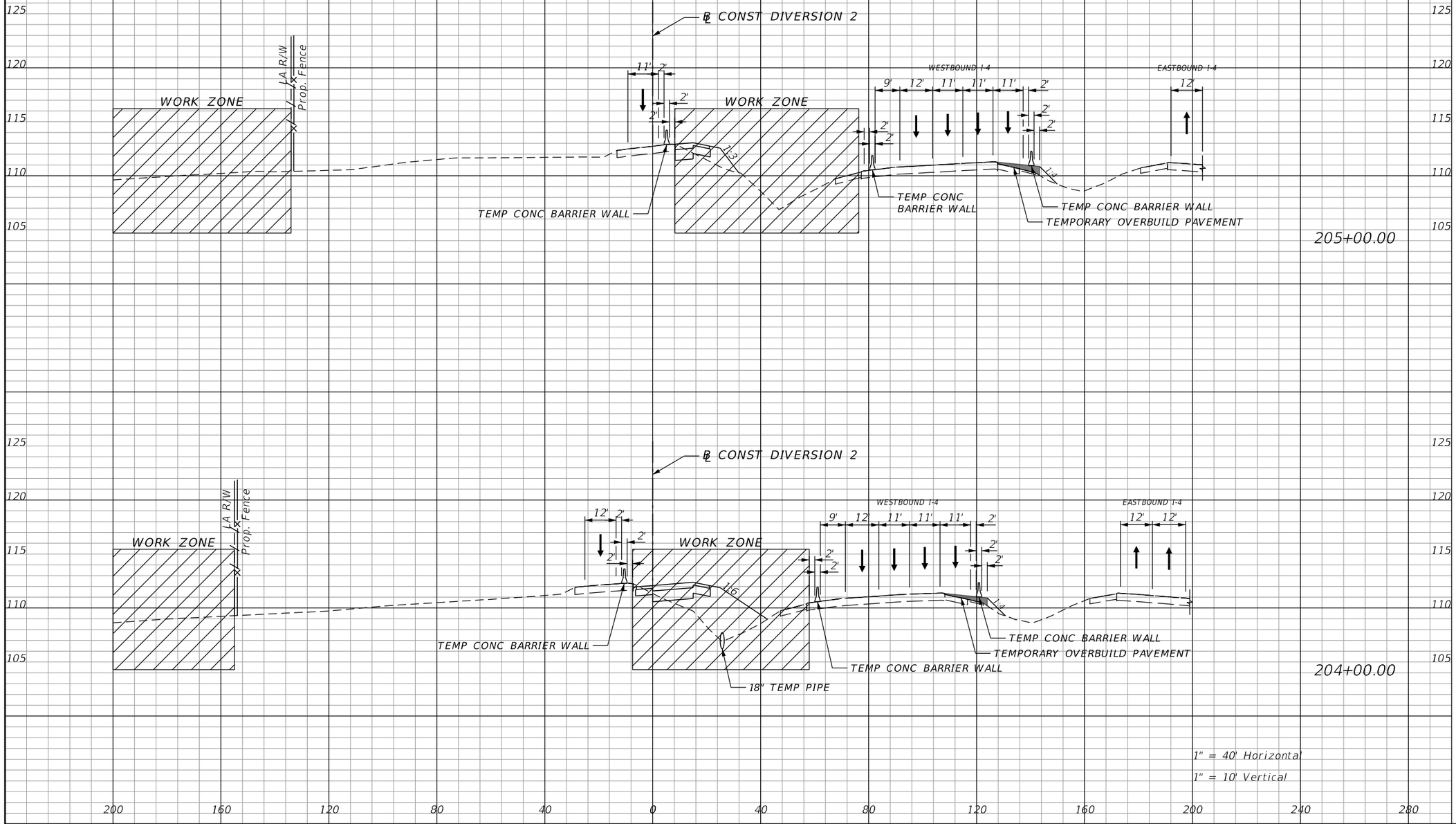

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SR 400	ORANGE	441113-1-52-01

DIVERSION 2 PHASE 1 - STAGE 1 CROSS SECTIONS

SHEET NO. 668

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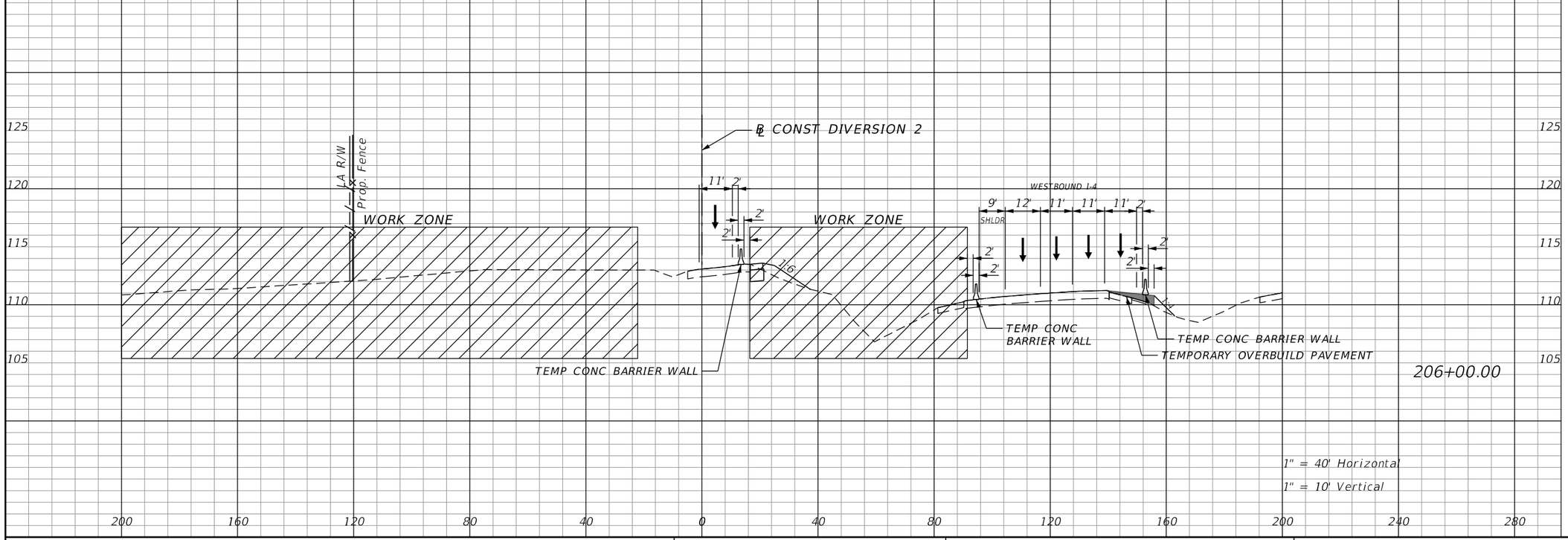
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 2 PHASE 1 - STAGE 1 CROSS SECTIONS

SHEET NO. 669

Subsoil Exc.		Regular Exc.		Embankment	
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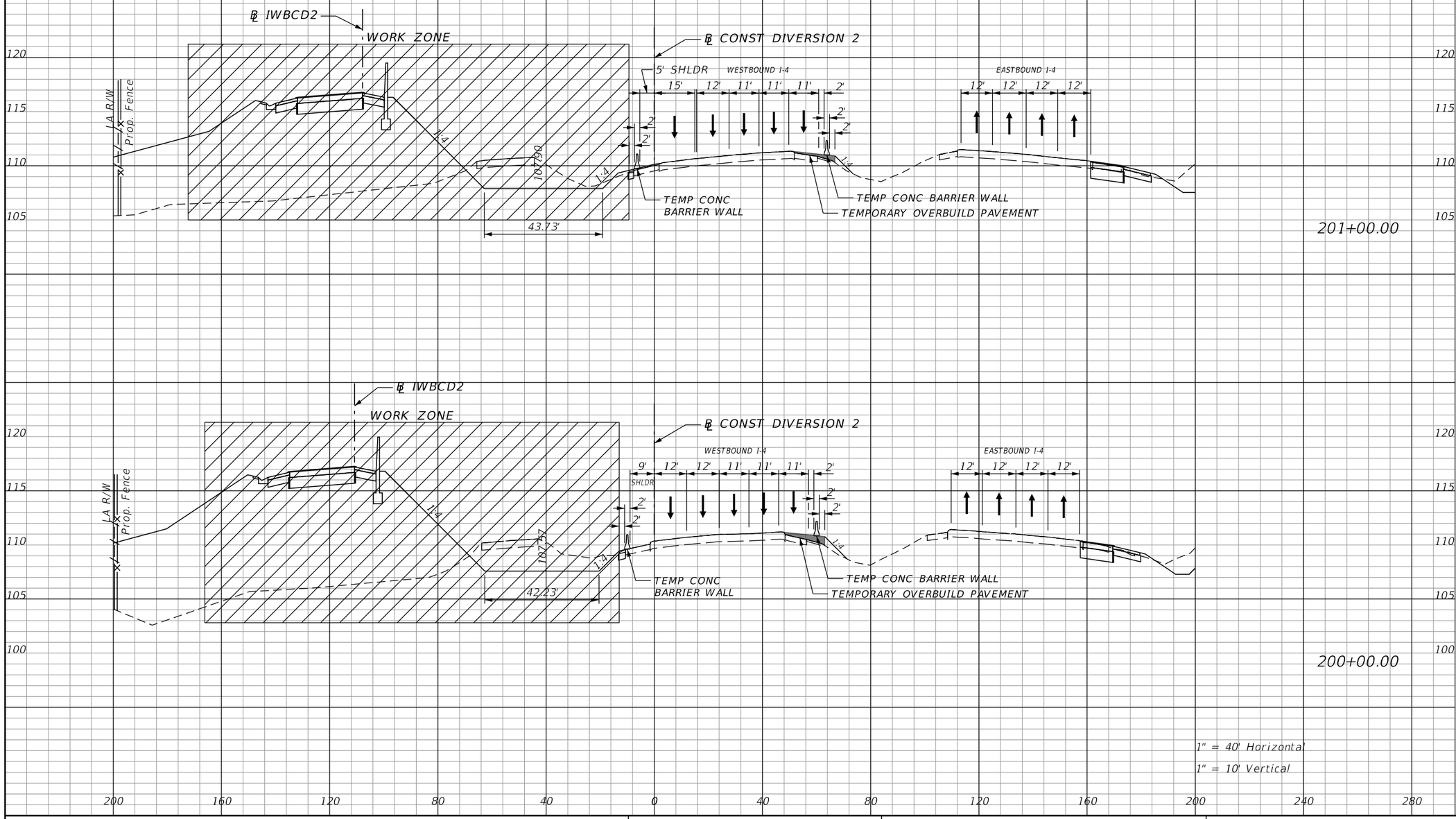

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 2 PHASE 1 - STAGE 2 CROSS SECTIONS

SHEET NO. 670

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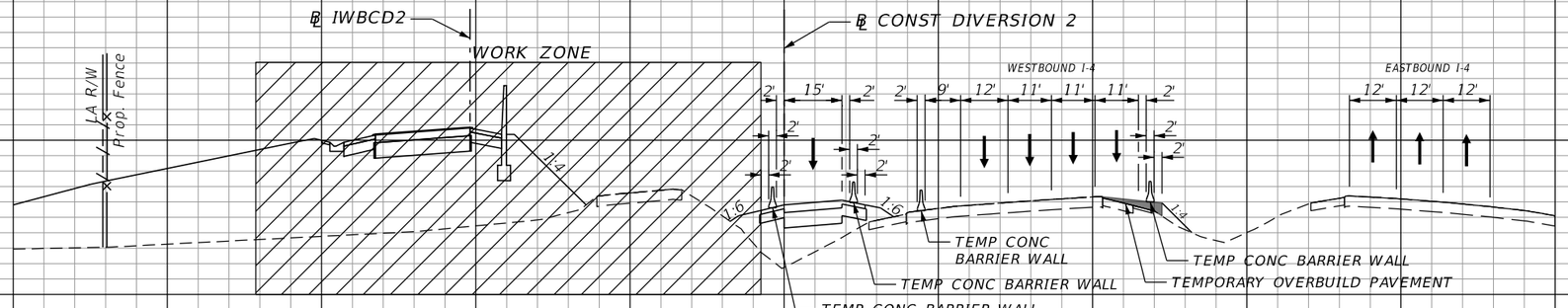
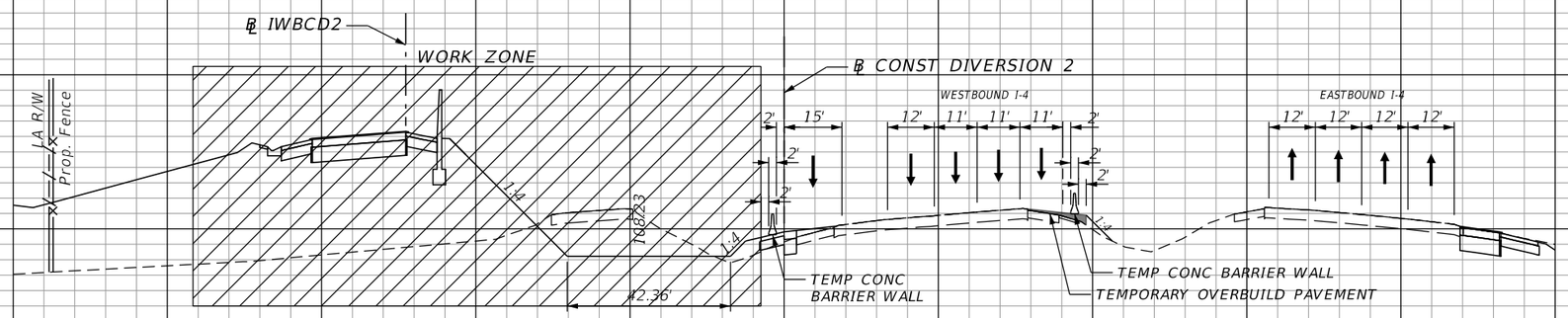
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V





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DATE	DESCRIPTION	DATE	DESCRIPTION

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P.E. License No. 61806
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 2
PHASE 1 - STAGE 2
CROSS SECTIONS

SHEET NO. 671

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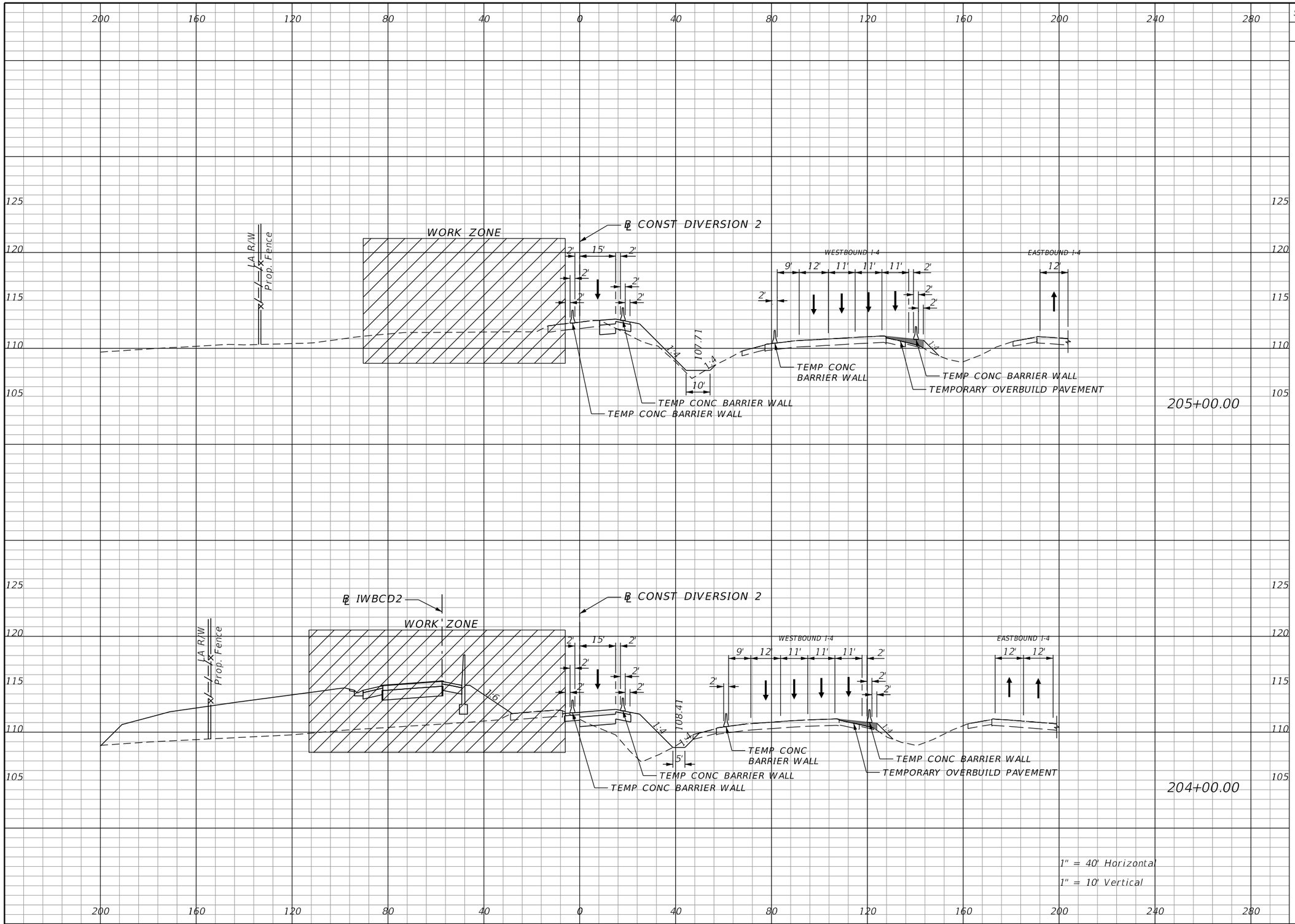
glen.dvorovy 5/6/2020 5:31:18 PM c:\pwworking\aecom_na\glen.dvorovy\d0177900\TCTYRD00_DIV02.DGN



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 2 PHASE 1 - STAGE 2 CROSS SECTIONS

SHEET NO. 672

Subsoil Exc.		Regular Exc.		Embankment	
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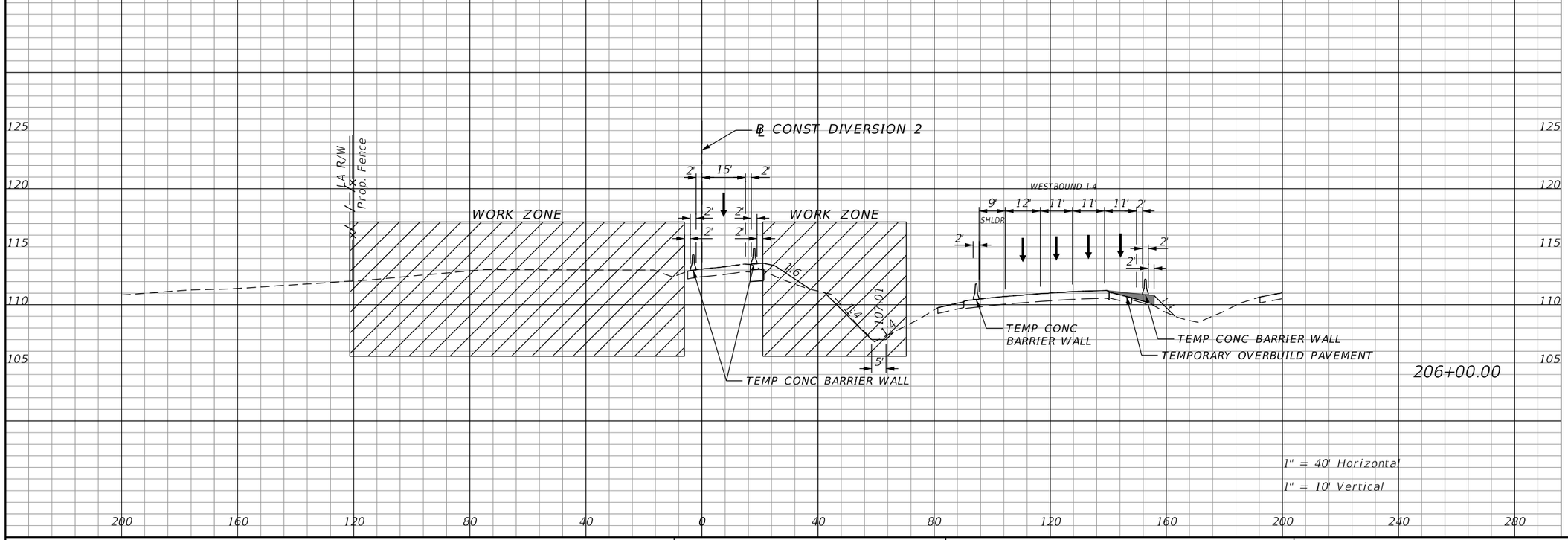

REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DIVERSION 2 PHASE 1 - STAGE 2 CROSS SECTIONS

SHEET NO. 673

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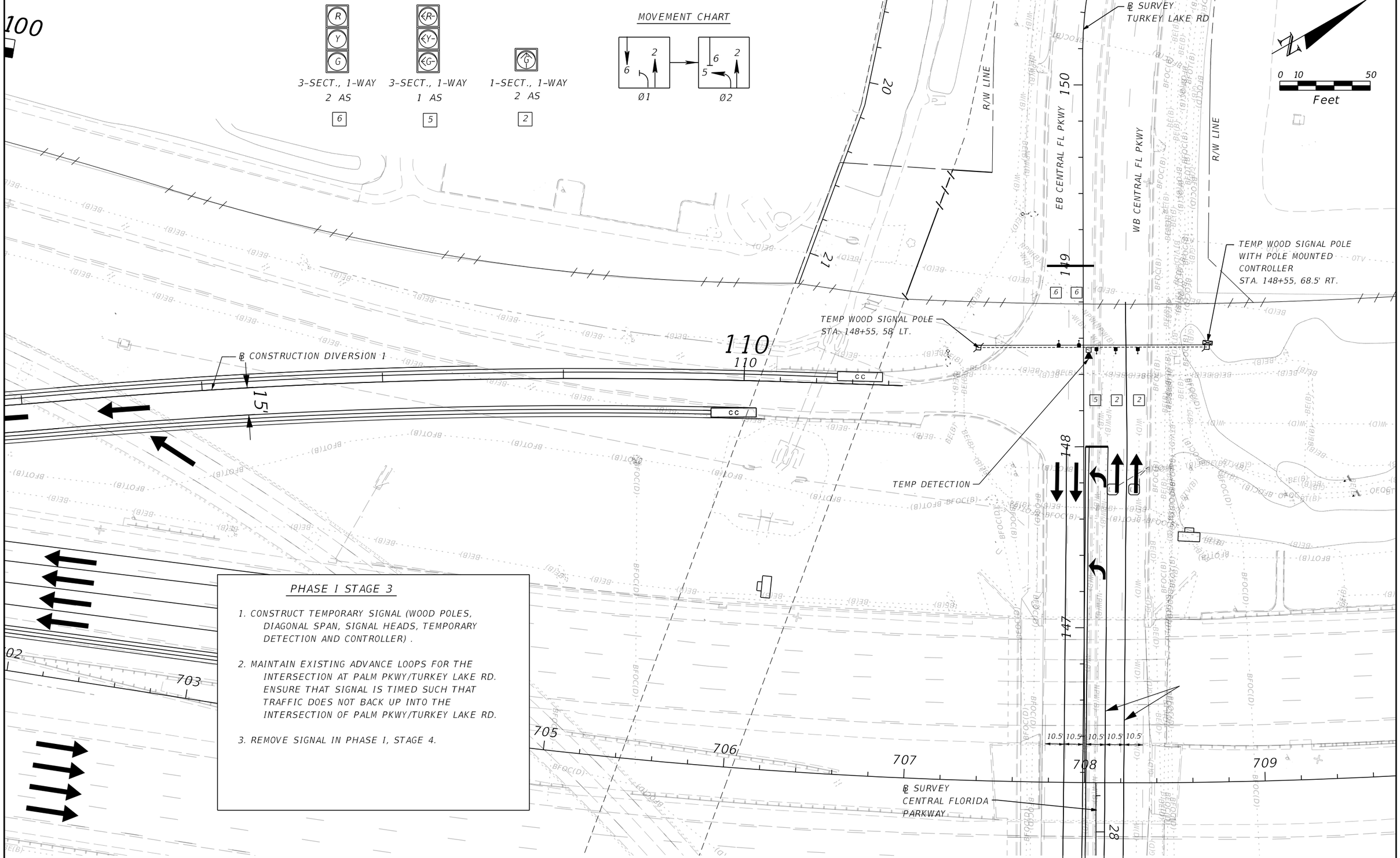

PHASE I STAGE 3

1. CONSTRUCT TEMPORARY SIGNAL (WOOD POLES, DIAGONAL SPAN, SIGNAL HEADS, TEMPORARY DETECTION AND CONTROLLER) .

2. MAINTAIN EXISTING ADVANCE LOOPS FOR THE INTERSECTION AT PALM PKWY/TURKEY LAKE RD. ENSURE THAT SIGNAL IS TIMED SUCH THAT TRAFFIC DOES NOT BACK UP INTO THE INTERSECTION OF PALM PKWY/TURKEY LAKE RD.

3. REMOVE SIGNAL IN PHASE I, STAGE 4.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

SUSANNE S. WILLIAMS, P.E.
P.E. NO.: 49486
TRAFFIC ENGINEERING DATA SOLUTIONS, INC.
80 SPRING VISTA DRIVE
DEBARY, FL 32713

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

TEMPORARY SIGNAL PLAN

SHEET NO. 674

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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. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

2. UTILITY/AGENCY OWNERS:

COMPANIES	CONTACT PERSONS	TELEPHONE NUMBERS
AT&T DISTRIBUTION	ALAN REYNOLDS	(407) 351-8180
CHARTER COMMUNICATIONS	MARVIN USRY, JR.	(407) 532-8509
CENTURYLINK	MARLON N. BROWN	(863) 452-3132
COMCAST COMMUNICATIONS	CESAR RIVERA	(352) 315-8528
DUKE ENERGY DISTRIBUTION	ROBB BROWN	(352) 459-4671
DUKE ENERGY TRANSMISSION	JENNIFER WILLIAMS	(813) 909-1210
DUKE ENERGY FIBER	MARK HURST	(727) 820-5208
CENTURYLINK AKA LEVEL 3 COMMUNICATIONS	DEREK BROEKER	(636) 887-4747
ORANGE COUNTY PUBLIC WORKS	CATHY EVANGELO	(407) 836-8034
ORANGE COUNTY UTILITIES	JOSE HERNANDEZ	(407) 254-9718
ORLANDO TELEPHONE D/B/A SUMMIT BROADBAND	AARON PICKLE	(321) 356-2995
SMART CITY TELECOM	DAVID CAWLEY	(407) 828-6648
TECO	SHAWN WINSOR	(407) 232-5257
VERIZON/MCI	TIM COLE	(407) 618-2078
FLORIDA GAS TRANSMISSION	JOE SANCHEZ	(407) 838-7171
REEDY CREEK	PEGGY KNOWLES	(407) 560-6539

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

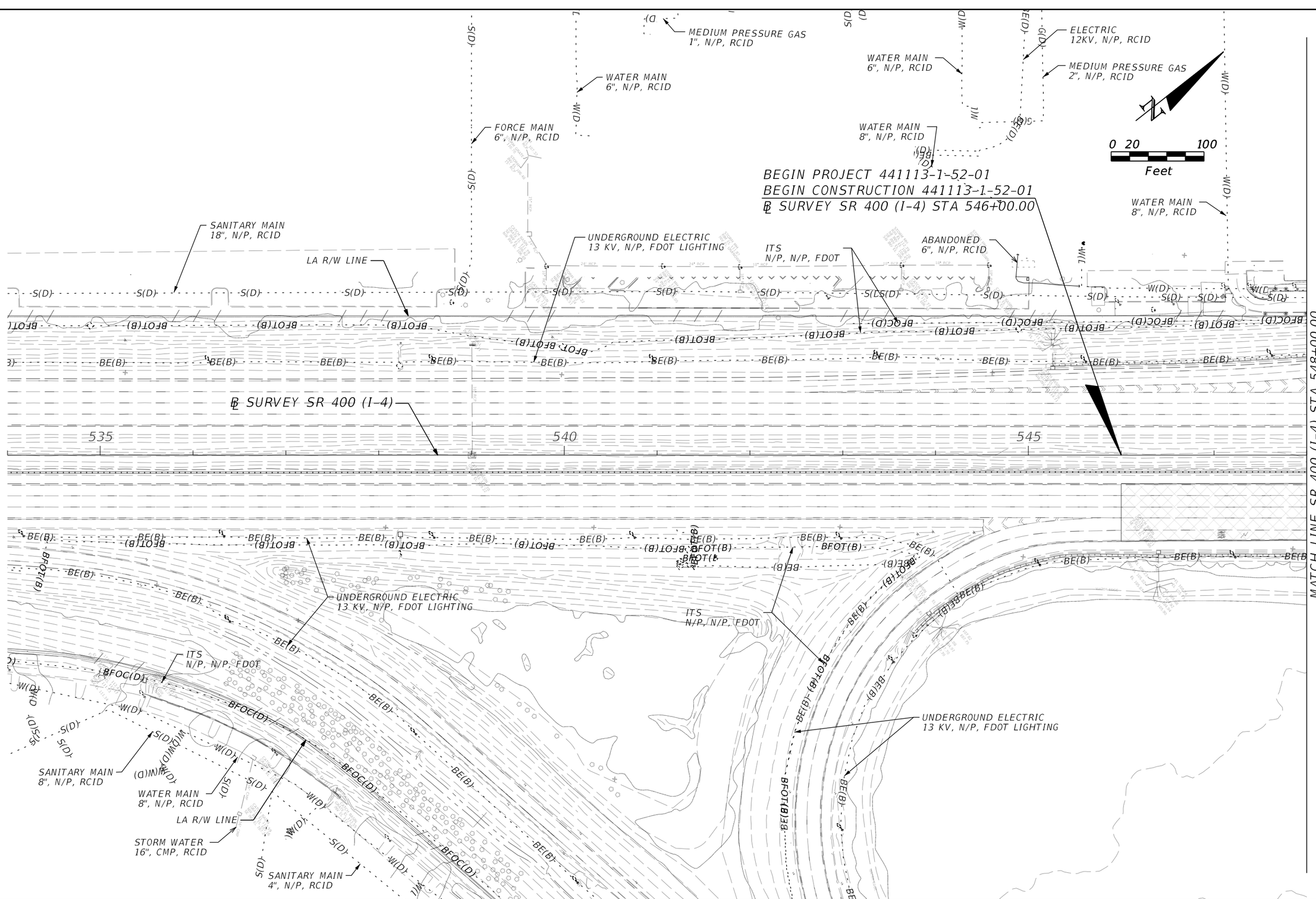
Thomas M. Pridgen, P.E.
P.E. License No. 18495
T2 UTILITY ENGINEERS, INC.
402 South Northlake Blvd., Suite 1004
Altamonte Springs, FL 32701

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

UTILITY GENERAL NOTES

SHEET NO. 675



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
UTILITY ADJUSTMENT PLAN 1

SHEET NO.
676

helen.lamberti 4/27/2020 2:36:36 PM c:\pwworking\aecom_na\lam7706\d0164843\UTADRD01.dgn

0 20 100
Feet

MATCH LINE SR 400 (I-4) STA 548+00.00

MATCH LINE SR 400 (I-4) STA 562+00.00

℄ SURVEY SR 400 (I-4)

℄ SURVEY SR 535

℄ RAMP IC1_535

WATER MAIN 6", N/P, RCID

ELECTRIC 12KV, N/P, RCID

SCADA N/P, N/P, RCID

ITS N/P, N/P, FDOT

WATER MAIN 8", N/P, RCID

LA R/W LINE

SANITARY MAIN 18", N/P, RCID

UNDERGROUND ELECTRIC 13 KV, N/P, FDOT LIGHTING

NATURAL GAS 6.625", STEEL, FGT

UNDERGROUND FIBER OPTIC 1-2", HDPE, VERIZON/MCI TO REMAIN

FORCE MAIN 6", N/P, RCID

UG FIBER OPTIC 3-1.5", PE, CHARTER

WATER MAIN 24", DIP, OCU TO REMAIN

NATURAL GAS 8", STEEL, TECO TO REMAIN

ITS 3", PVC, FDOT

FOC/TRAFFIC SIGNAL 2-2", PVC, FDOT

UNDERGROUND FIBER OPTIC 96 CT, 4", PVC, AT&T TO REMAIN

UNDERGROUND CATV 0.5", DBC, CHARTER

AERIAL/UNDERGROUND ELECTRIC 13 KV, N/P, DUKE DISTRIBUTION TO REMAIN

RECLAIM WATER 12", PVC, OCU TO REMAIN

UNDERGROUND CATV N/P, N/P, CHARTER

WATER MAIN 16", DIP, OCU TO REMAIN

SB SR 535

NB SR 535

NATURAL GAS 8", STEEL, TECO TO REMAIN

UNDERGROUND FIBER OPTIC 6-5", COPPER IN 20" CASING, CENTURYLINK

UNDERGROUND FIBER OPTIC 6-5", COPPER, CENTURYLINK

NATURAL GAS 4", STEEL, TECO TO REMAIN

AERIAL ELECTRIC 69 KV, N/P, DUKE TRANSMISSION TO REMAIN

AERIAL ELECTRIC 13 KV, N/P, DUKE DISTRIBUTION TO REMAIN

AERIAL FIBER OPTIC N/P, N/P, LEVEL 3

UNDERGROUND ELECTRIC 7.2 KV, N/P, DUKE DISTRIBUTION

UNDERGROUND ELECTRIC 13 KV, N/P, DUKE DISTRIBUTION TO REMAIN

550 555 560 675 680 670 910

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T2 UTILITY ENGINEERS, INC.
402 South Northlake Blvd., Suite 1004
Altamonte Springs, FL 32701

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
UTILITY ADJUSTMENT PLAN 2

SHEET NO. 677

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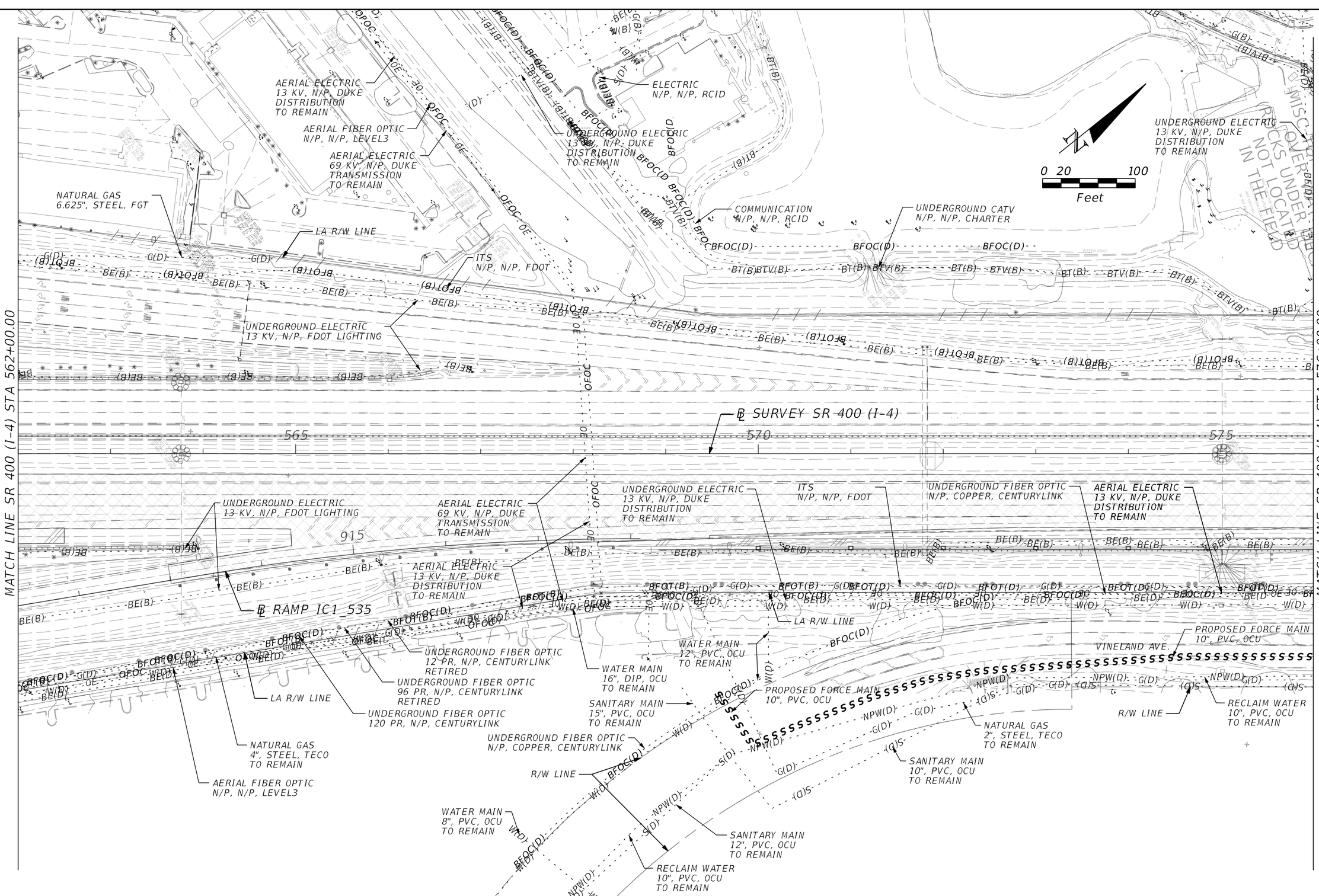

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Thomas M. Pridgen, P.E.
P.E. License No. 18495
T2 UTILITY ENGINEERS, INC.
402 South Northlake Blvd., Suite 1004
Altamonte Springs, FL 32701

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
UTILITY ADJUSTMENT PLAN 3

SHEET NO. 678

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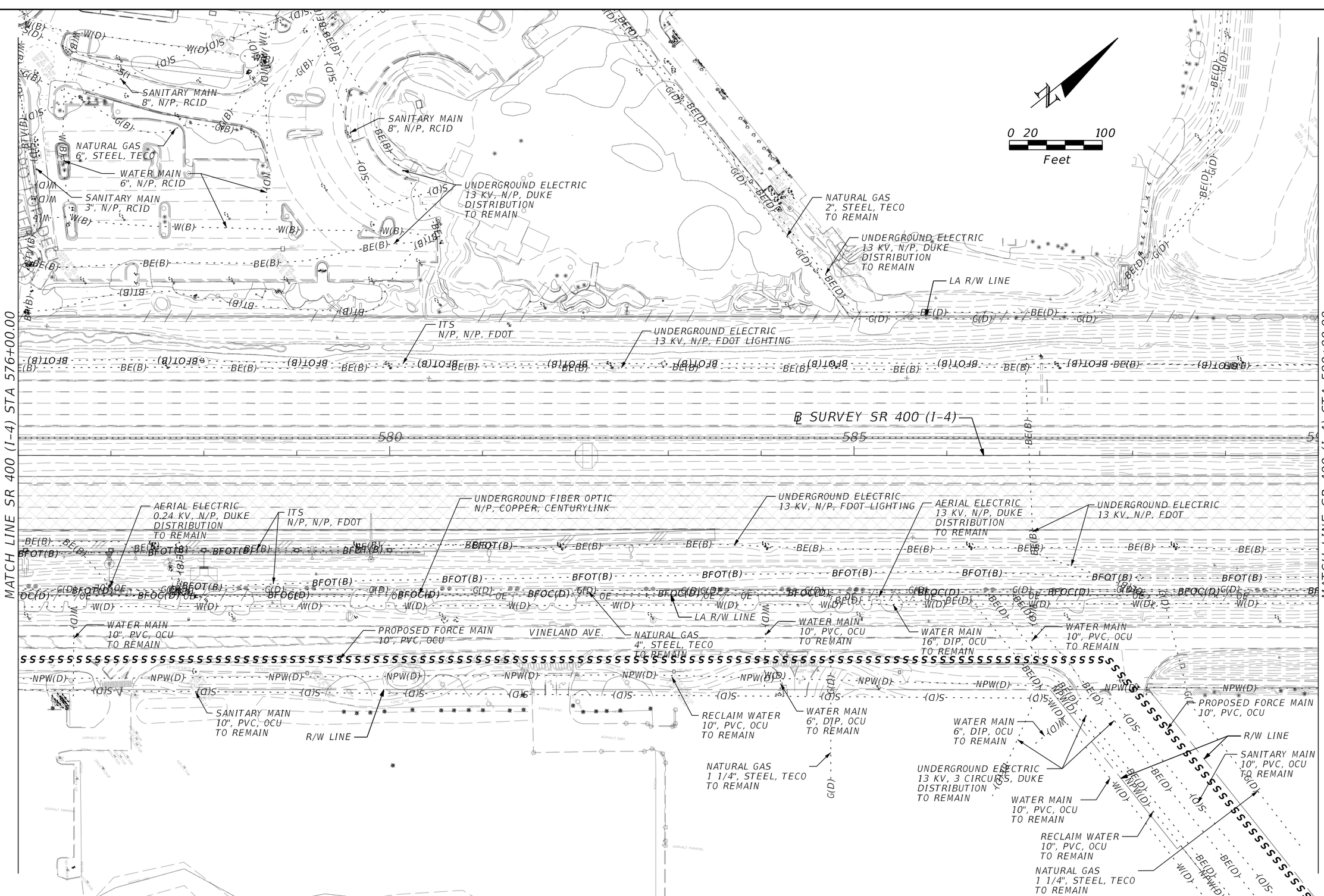

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Altamonte Springs, FL 32701

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
UTILITY ADJUSTMENT PLAN 4

SHEET NO.
679

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0 20 100
Feet

MATCH LINE SR 400 (I-4) STA 590+00.00

MATCH LINE SR 400 (I-4) STA 604+00.00

℄ SURVEY SR 400 (I-4)

595

600

LA R/W LINE

ITS
N/P, N/P, FDOT

UNDERGROUND ELECTRIC
13 KV, N/P, FDOT LIGHTING

WATER MAIN
6", DIP, OCU
TO REMAIN

AERIAL ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

ITS
N/P, N/P, FDOT

UNDERGROUND FIBER OPTIC
120 PR, N/P, CENTURYLINK

UNDERGROUND ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

UNDERGROUND FIBER OPTIC
300 PR, COPPER, CENTURYLINK

UNDERGROUND ELECTRIC
13 KV, N/P, FDOT LIGHTING

UNDERGROUND ELECTRIC
0.24 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

NATURAL GAS
4", STEEL, TECO
TO REMAIN

LA R/W LINE

VINELAND AVE.

WATER MAIN
16", DIP, OCU
TO REMAIN

WATER MAIN
6", PVC, OCU
TO REMAIN

WATER MAIN
10", PVC, OCU
TO REMAIN

RECLAIM WATER
10", PVC, OCU
TO REMAIN

R/W LINE

UNDERGROUND FIBER OPTIC
96 PR, N/P, CENTURYLINK
RETIRED

UNDERGROUND FIBER OPTIC
12 PR, N/P, CENTURYLINK
RETIRED

UNDERGROUND ELECTRIC
0.24 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

RECLAIM WATER
6", PVC, OCU
TO REMAIN

WATER MAIN
16", DIP, OCU
TO REMAIN

UNDERGROUND ELECTRIC
13 KV, 2 CIRCUITS, DUKE
DISTRIBUTION
TO REMAIN

UNDERGROUND FIBER OPTIC
24 PR, N/P, CENTURYLINK

UNDERGROUND FIBER OPTIC
100 PR, COPPER, CENTURYLINK

UNDERGROUND FIBER OPTIC
1500 PR, COPPER, CENTURYLINK

NATURAL GAS
4", STEEL, TECO
TO REMAIN

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Altamonte Springs, FL 32701

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
UTILITY ADJUSTMENT PLAN 5

SHEET NO. 680

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MATCH LINE SR 400 (I-4) STA 604+00.00

MATCH LINE SR 400 (I-4) STA 618+00.00

25' DUKE ENERGY EASEMENT
PER ORB 4315 PG 2263

0 20 100
Feet

LA R/W LINE

ITS
N/P, N/P, FDOT

℄ SURVEY SR 400 (I-4)

UNDERGROUND ELECTRIC
13 KV, N/P, FDOT LIGHTING

605 610 615

NATURAL GAS
4", STEEL, TECO
TO REMAIN

ITS
N/P, N/P, FDOT

UNDERGROUND ELECTRIC
13 KV, N/P, FDOT LIGHTING

WATER MAIN
16", DIP, OCU
TO REMAIN

UNDERGROUND FIBER OPTIC
72 PR, N/P, CENTURYLINK

UNDERGROUND FIBER OPTIC
12 PR, N/P, CENTURYLINK
RETIRED

AERIAL ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

LA R/W LINE

VINELAND AVE.

UNDERGROUND ELECTRIC
0.24 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

WATER MAIN
6", PVC, OCU
TO REMAIN

NATURAL GAS
4", STEEL, TECO
TO REMAIN

WATER MAIN
12", PVC, OCU
TO REMAIN

WATER MAIN
24", PVC, OCU
TO REMAIN

RECLAIM WATER
10", PVC, OCU
TO REMAIN

R/W LINE

R/W LINE

UNDERGROUND ELECTRIC
13 KV, 2 CIRCUITS, DUKE
DISTRIBUTION
TO REMAIN

UNDERGROUND FIBER OPTIC
50 PR, COPPER, CENTURYLINK

UNDERGROUND FIBER OPTIC
1500 PR, COPPER, CENTURYLINK

UNDERGROUND ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

WATER MAIN
6", DIP, OCU

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
UTILITY ADJUSTMENT PLAN 6

SHEET NO. 681

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MATCH LINE SR 400 (I-4) STA 618+00.00

MATCH LINE SR 400 (I-4) STA 632+00.00

0 20 100
Feet

FORCE MAIN
36", STEEL, OCU
TO REMAIN

25' DUKE ENERGY EASEMENT
PER ORB 4315 PG 2263

SANITARY MAIN
8", PVC, OCU
TO REMAIN

LA R/W LINE

WATER MAIN
16" DIP, WITH 30"
STEEL CASING, OCU
TO REMAIN

AERIAL ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

ITS
N/P, N/P, FDOT

UNDERGROUND ELECTRIC
13 KV, N/P, FDOT LIGHTING

℄ SURVEY SR 400 (I-4)

620 625 630 635 640

FORCE MAIN
20", PVC, WITH
36" CASING, OCU
TO REMAIN

AERIAL ELECTRIC
69 KV, N/P, DUKE
TRANSMISSION
TO REMAIN

ITS
N/P, N/P, FDOT

UNDERGROUND ELECTRIC
13 KV, N/P, FDOT LIGHTING

UNDERGROUND ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

WATER MAIN
16", DIP, OCU
TO REMAIN

LA R/W LINE

FORCE MAIN
20", PVC, OCU
TO REMAIN

WATER MAIN
12", PVC, OCU
TO REMAIN

AERIAL ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

LA R/W LINE

FORCE MAIN
4", PVC, OCU
TO REMAIN

R/W LINE

AERIAL ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

FORCE MAIN
16", DIP, OCU
TO REMAIN

WATER MAIN
12", PVC, OCU
TO REMAIN

UNDERGROUND FIBER OPTIC
25 PR, COPPER, CENTURYLINK

UNDERGROUND FIBER OPTIC
72 PR, N/P, CENTURYLINK

R/W LINE

℄ RAMP IB_DCP

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
UTILITY ADJUSTMENT PLAN 7

SHEET NO. 682

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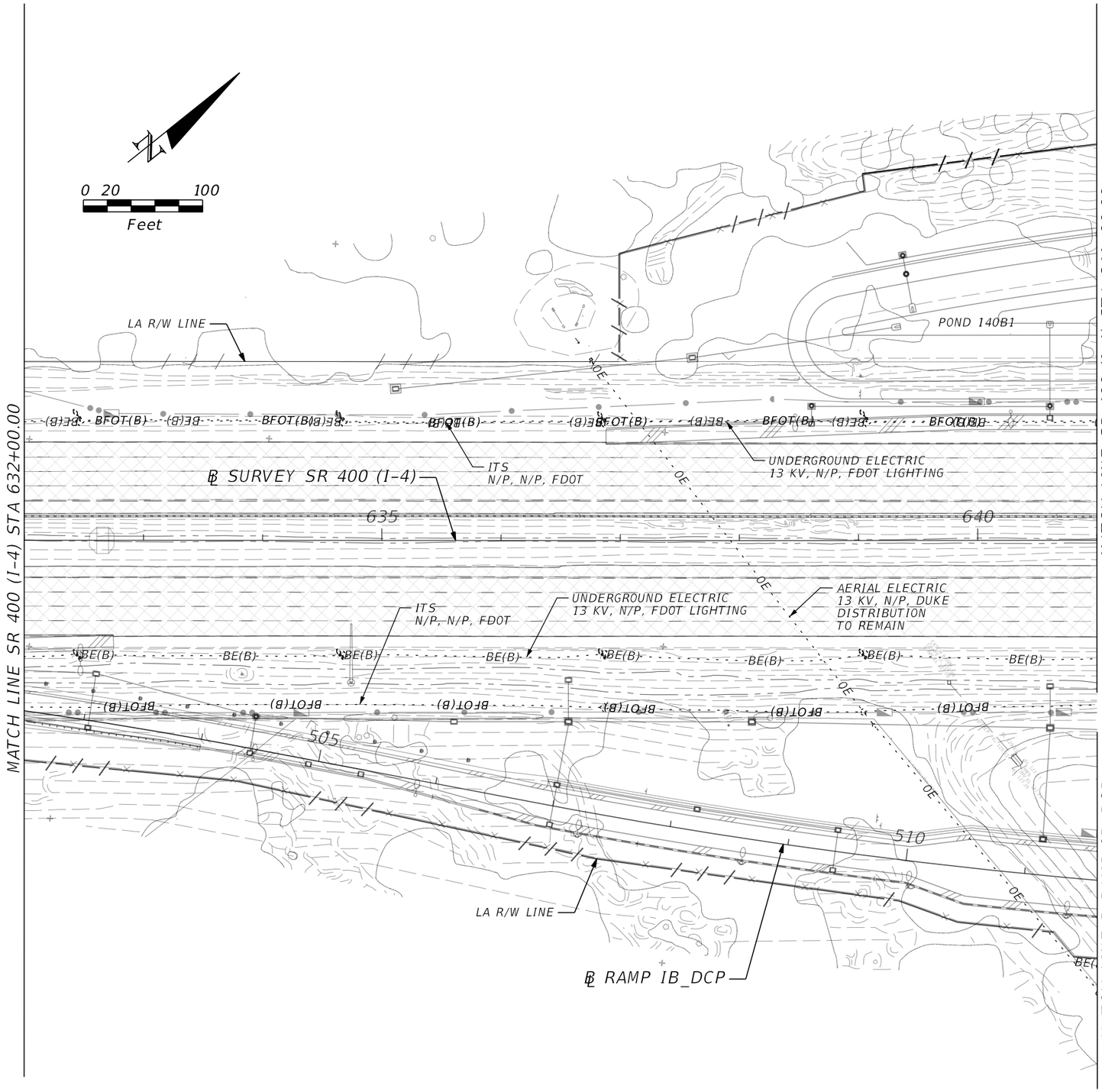

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
UTILITY ADJUSTMENT PLAN 8

SHEET NO. 683

SEE DARYL CARTER PKWY - PLAN 1
MATCH LINE SR 400 (I-4) STA 649+00.00

SEE DARYL CARTER PKWY - PLAN 2
MATCH LINE ℄ RAMP IC_DCP
STA 604+05.96

MATCH LINE SR 400 (I-4) STA 660+00.00

R/W LINE
℄ LAT DITCH
POND 140B3
POND 140B2
POND 141B1
℄ RAMP D_DCP
LA R/W LINE
℄ CONST IWBCD2
℄ RAMP ISLIP1
ITS
1.5", PE, FDOT
UNDERGROUND ELECTRIC
13 KV, N/P, FDOT LIGHTING
UNDERGROUND ELECTRIC
0.24 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN
℄ SURVEY SR 400 (I-4)
AERIAL ELECTRIC
0.24 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN
℄ RAMP IC_DCP
LA R/W LINE
POND C
TEMPORARY EASEMENT

0 20 100
Feet

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
UTILITY ADJUSTMENT PLAN 9

SHEET NO.
684

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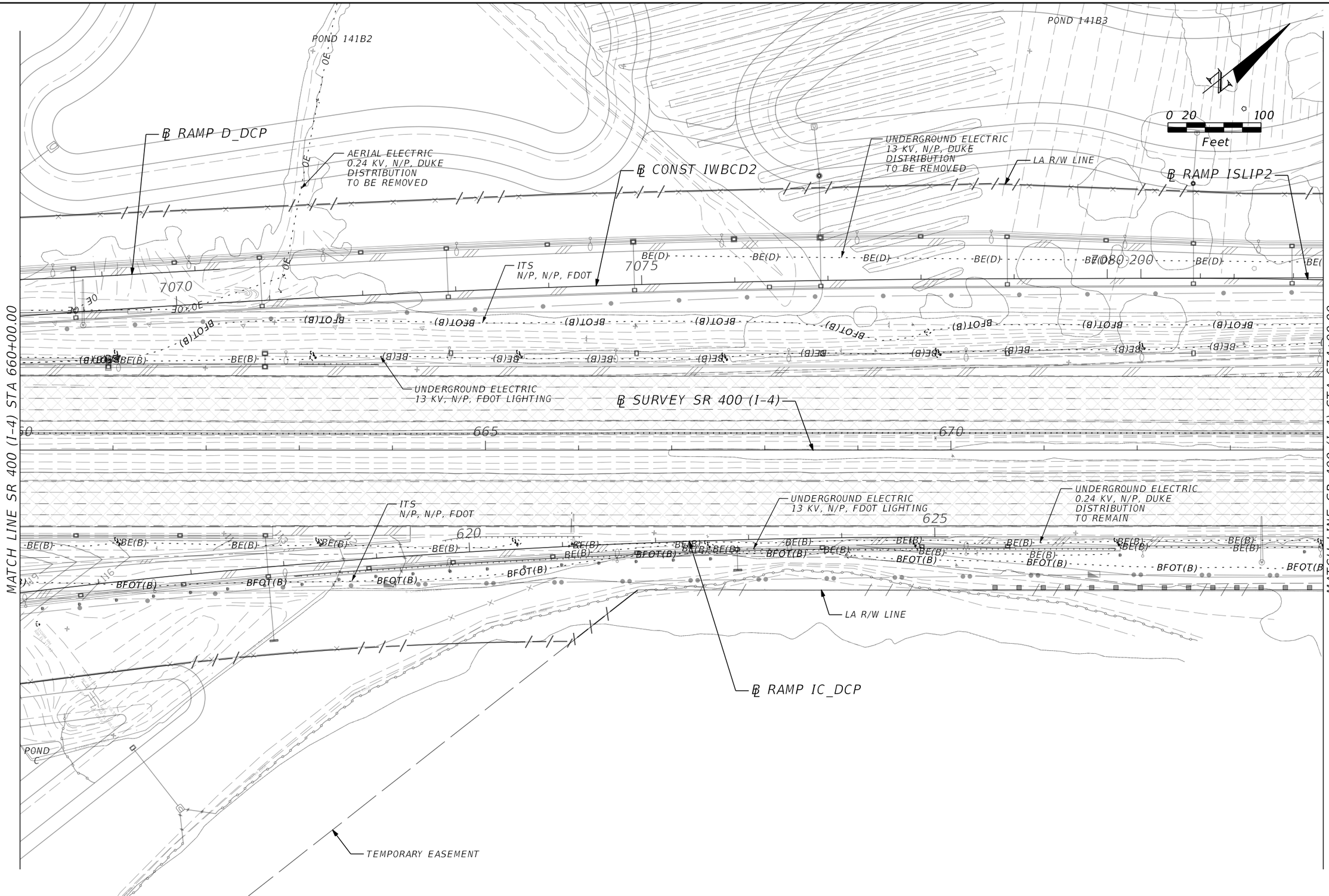

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
UTILITY ADJUSTMENT PLAN 10

SHEET NO. 685

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POND 141B3

POND FPC 141

POND 141B4

0 20 100
Feet

℄ CONST IWBCD2

℄ RAMP ISLIP2

LA R/W LINE

ITS
1.5", PE, FDOT

AERIAL ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

PROPOSED OH ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION

℄ RAMP IA_CFP

℄ RAMP IC_CFP

UNDERGROUND ELECTRIC
13 KV & 0.24 KV, N/P,
DUKE DISTRIBUTION
TO BE REMOVED

AERIAL ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO BE REMOVED

7085 205 7090 210 7095 215 300 400

675 680 685 100

UNDERGROUND ELECTRIC
13 KV, N/P, FDOT LIGHTING

ITS
N/P, N/P, FDOT

UNDERGROUND ELECTRIC
13 KV, N/P, FDOT LIGHTING

UNDERGROUND ELECTRIC
0.24 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

ITS
2", PVC, FDOT

℄ SURVEY SR 400 (I-4)

UNDERGROUND ELECTRIC
13 KV, N/P, FDOT LIGHTING

UNDERGROUND ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

LA R/W LINE

℄ RAMP IB_CFP

UNDERGROUND ELECTRIC
13 KV, 2", PVC, DUKE
DISTRIBUTION
TO REMAIN

EASEMENT

MATCH LINE SR 400 (I-4) STA 674+00.00

MATCH LINE SR 400 (I-4) STA 688+00.00

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
UTILITY ADJUSTMENT PLAN 11

SHEET NO.
686

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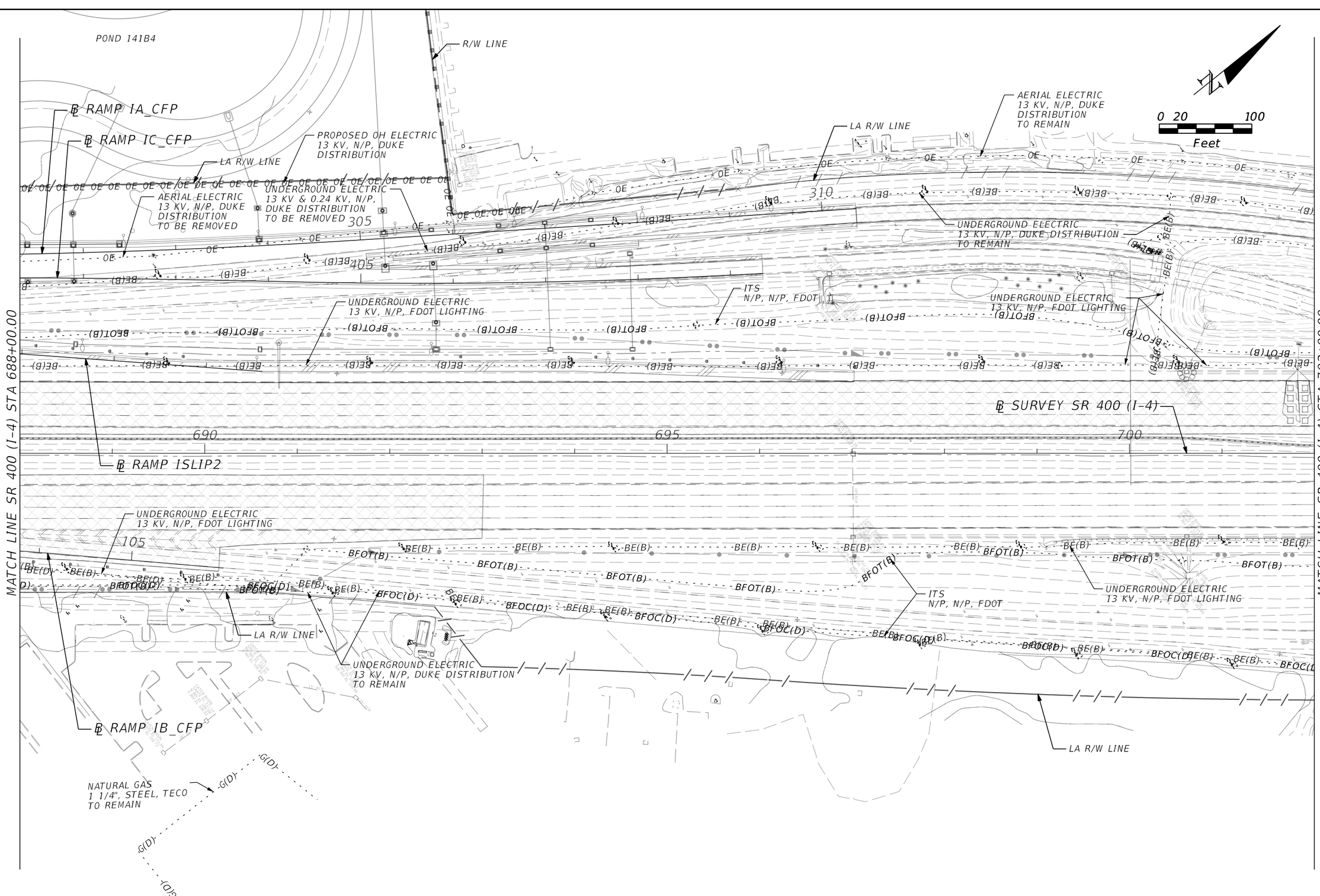

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
UTILITY ADJUSTMENT PLAN 12

SHEET NO. 687

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SEE CENTRAL FLORIDA PKWY – PLAN 1

MATCH LINE SR 400 (I-4) STA 702+00.00

WATER MAIN
20", PVC, OCU
TO REMAIN

RECLAIM WATER
16", PVC, OCU
TO REMAIN

EASEMENT

UNDERGROUND FIBER OPTIC
2-1.5", PE, COMCAST

R/W LINE

LA R/W LINE

TEMPORARY EASEMENT

AERIAL ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

UNDERGROUND ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

UNDERGROUND FIBER OPTIC
2", PVC, COMCAST

ITS
N/P, N/P, FDOT

UNDERGROUND ELECTRIC
13 KV, N/P, FDOT LIGHTING

PROPOSED FORCE MAIN
6", PVC, OCU DRYLINE

RECLAIM WATER
16", PVC, OCU
TO REMAIN

UNDERGROUND ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

WATER MAIN
24", DIP, OCU
TO REMAIN

UNDERGROUND ELECTRIC
13 KV, N/P, FDOT LIGHTING

ITS
N/P, N/P, FDOT

EASEMENT

UNDERGROUND FIBER OPTIC
N/P) N/P, VERIZON/MCI

LA R/W LINE

UNDERGROUND
ELECTRIC
120 V, N/P, FDOT

UNDERGROUND ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

FORCE MAIN
4", STEEL, OCU
TO REMAIN

NATURAL GAS
6", STEEL, N/P

UNDERGROUND FIBER OPTIC
2-2", PVC, VERIZON/MCI

UNDERGROUND ELECTRIC
13 KV, N/P, FDOT LIGHTING

R/W LINE

FOC/TRAFFIC SIGNAL
2", PVC, FDOT

NATURAL GAS
6", STEEL, TECO
TO REMAIN

UNDERGROUND FIBER OPTIC
3-1.5", PE, SUMMIT BROADBAND

UNDERGROUND ELECTRIC
13 KV, N/P, FDOT

FORCE MAIN
20", PVC, OCU

RECLAIM WATER
12", PVC, OCU

UNDERGROUND ELECTRIC
120 V, N/P, FDOT

0 20 100
Feet

EB CENTRAL FLORIDA PKWY

WB CENTRAL FLORIDA PKWY

END PROJECT 441113-1-52-01
END CONSTRUCTION 441113-1-52-01

℄ SURVEY SR 400 (I-4) STA 707+00.00

AERIAL CATV
N/P, N/P, CHARTER

WATER MAIN
10", PVC, OCU
DRYLINE
TO REMAIN

LA R/W LINE

AERIAL ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

NATURAL GAS
4", STEEL, TECO
TO REMAIN

UNDERGROUND ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

R/W LINE

UNDERGROUND ELECTRIC
13 KV, N/P, FDOT LIGHTING

AERIAL FIBER OPTIC
N/P, N/P, COMCAST

ITS
N/P, N/P, FDOT

PROPOSED UG FIBER OPTIC
1-2", HDPE, VERIZON/MCI

715

710

UNDERGROUND FIBER OPTIC
N/P, N/P, COMCAST

UNDERGROUND CATV
2-1.75", PE, CHARTER

UNDERGROUND FIBER OPTIC
2", HDPE, SMARTCITY

℄ SURVEY SR 400 (I-4)

WATER MAIN
10", PVC, OCU
TO REMAIN

WATER MAIN
4", PVC, OCU
TO REMAIN

ITS
N/P, N/P, FDOT

UNDERGROUND ELECTRIC
13 KV, N/P, FDOT LIGHTING

UNDERGROUND FIBER OPTIC
3-1.75", PE, SUMMIT BROADBAND

NATURAL GAS
4", STEEL, TECO
TO REMAIN

LA R/W LINE

UNDERGROUND ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

WATER MAIN
10", PVC, OCU
TO REMAIN

RECLAIM WATER
2", PVC, OCU
TO REMAIN

WATER MAIN
24", PVC, OCU

UNDERGROUND FIBER OPTIC
4", PVC, ADELPHIA

SEE CENTRAL FLORIDA PKWY – PLAN 2

REVISIONS			
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T2 UTILITY ENGINEERS, INC.
402 South Northlake Blvd., Suite 1004
Altamonte Springs, FL 32701

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SR 400 (I-4)
UTILITY ADJUSTMENT PLAN 13

SHEET NO.
688

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SEE SR 400 (I-4) – PLAN 9
MATCH LINE SR 400 (I-4) STA 649+00.00

0 20 100
Feet

℄ POND141
RECLAIM WATER 12", PVC, OCU TO REMAIN
R/W LINE
WATER MAIN 24", DIP, OCU TO REMAIN
NATURAL GAS 6", STEEL, TECO TO REMAIN
WATER MAIN 6", DIP, OCU TO REMAIN
FORCE MAIN 20", PVC, OCU TO REMAIN
UNDERGROUND FIBER OPTIC 1-2", HDPE, VERIZON/MCI TO REMAIN
UNDERGROUND FIBER OPTIC 2", CONDUIT DB, SMARTCITY
℄ RAMP D_DCP
℄ WB DCP
LA R/W LINE
R/W LINE
RECLAIM WATER 8", PVC, OCU TO REMAIN
℄ DARYL CARTER PKWY
WATER MAIN 16", DIP, OCU TO REMAIN
UNDERGROUND ELECTRIC 13 KV, N/P, DUKE DISTRIBUTION TO REMAIN
LA R/W LINE
℄ EB DCP
RECLAIM WATER 12", PVC, OCU TO REMAIN
UNDERGROUND FIBER OPTIC 4-4", PVC, CENTURYLINK
WATER MAIN 24", DIP, OCU TO REMAIN
R/W LINE
RECLAIM WATER 24" DIP, WITH 42" STEEL CASING, OCU
15' EASEMENT
LA R/W LINE
℄ SURVEY SR 400 (I-4)
POND 140B3
POND 140B2
POND 140B1
℄ RAMP ISLIP1
ITS N/P, N/P, FDOT
UNDERGROUND ELECTRIC 13 KV, N/P, FDOT LIGHTING
ITS 2-1.5", PE, FDOT
ITS N/P, N/P, FDOT
℄ EB DCP
℄ WB DCP
PALM PKWY

MATCH LINE DARYL CARTER PKWY STA 114+00.00
MATCH LINE SR 400 (I-4) STA 641+00.00
SEE SR 400 (I-4) – PLAN 8

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Thomas M. Pridgen, P.E.
P.E. License No. 18495
T2 UTILITY ENGINEERS, INC.
402 South Northlake Blvd., Suite 1004
Altamonte Springs, FL 32701

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY
UTILITY ADJUSTMENT PLAN 1

SHEET NO. 689

helen.lamberti 4/27/2020 2:38:26 PM c:\pwworking\aecom_na\lam7706\d0164843\UTADRD14.dgn

SEE SR 400 (I-4) - PLAN 9
MATCH LINE ℄ RAMP IC_DCP
STA 604+05.96

℄ RAMP IC_DCP

LA R/W LINE

℄ WB DCP

LA R/W LINE

℄ DARYL CARTER PKWY

℄ EB DCP

15' EASEMENT

RECLAIM WATER
24" DIP, WITH 42"
STEEL CASING, OCU

UNDERGROUND ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

LA R/W LINE

AERIAL ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

℄ RAMP IB_DCP

MATCH LINE ℄ RAMP IB_DCP
STA 511+61.14
SEE SR 400 (I-4) - PLAN 8

MATCH LINE DARYL CARTER PKWY STA 114+00.00

LA R/W LINE

UNDERGROUND ELECTRIC
13 KV, N/P, DUKE
DISTRIBUTION
TO REMAIN

R/W LINE

REGENCY VILLAGE DR.

0 20 100
Feet

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

DARYL CARTER PKWY
UTILITY ADJUSTMENT PLAN 2

SHEET NO. 690

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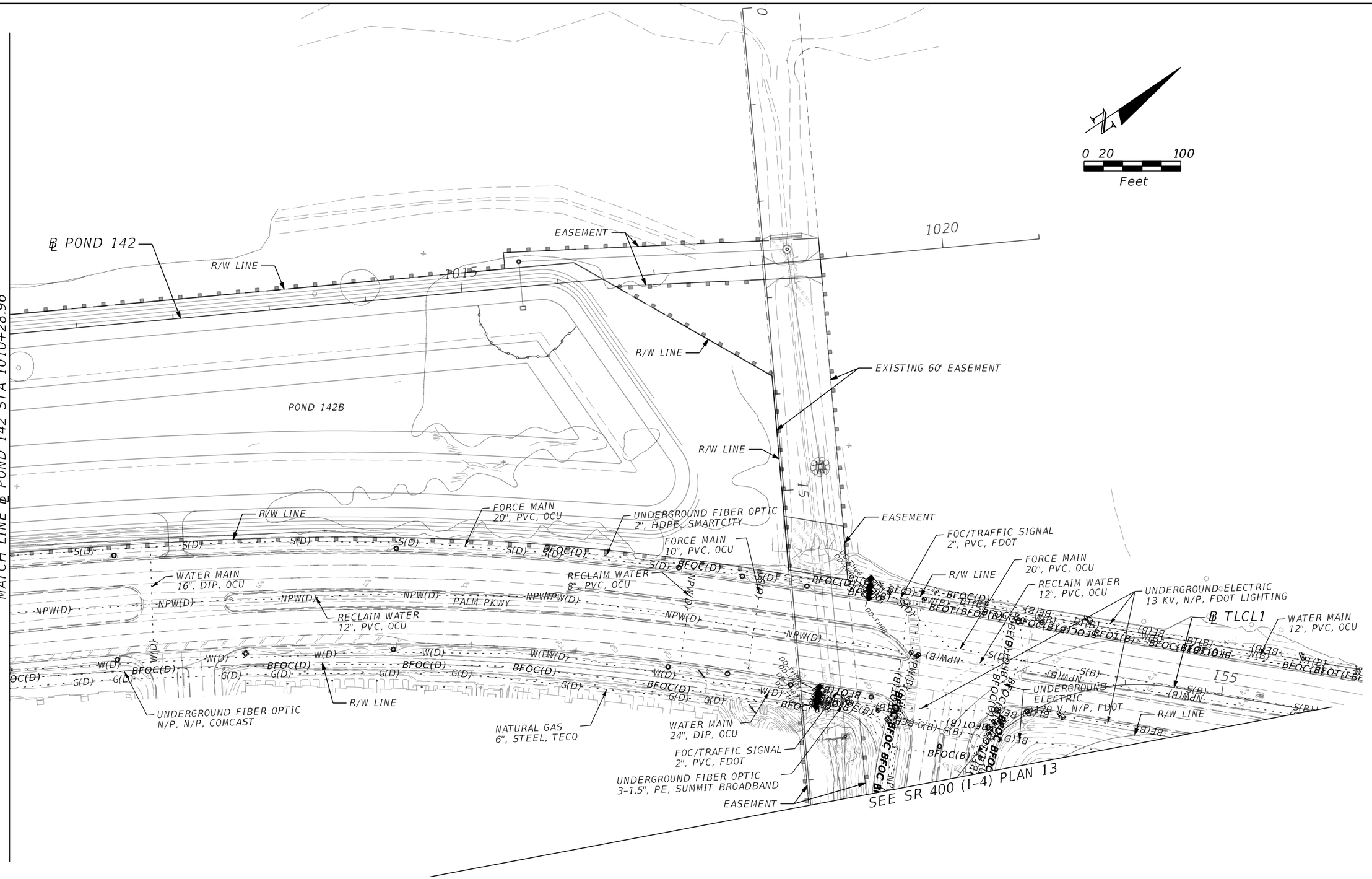

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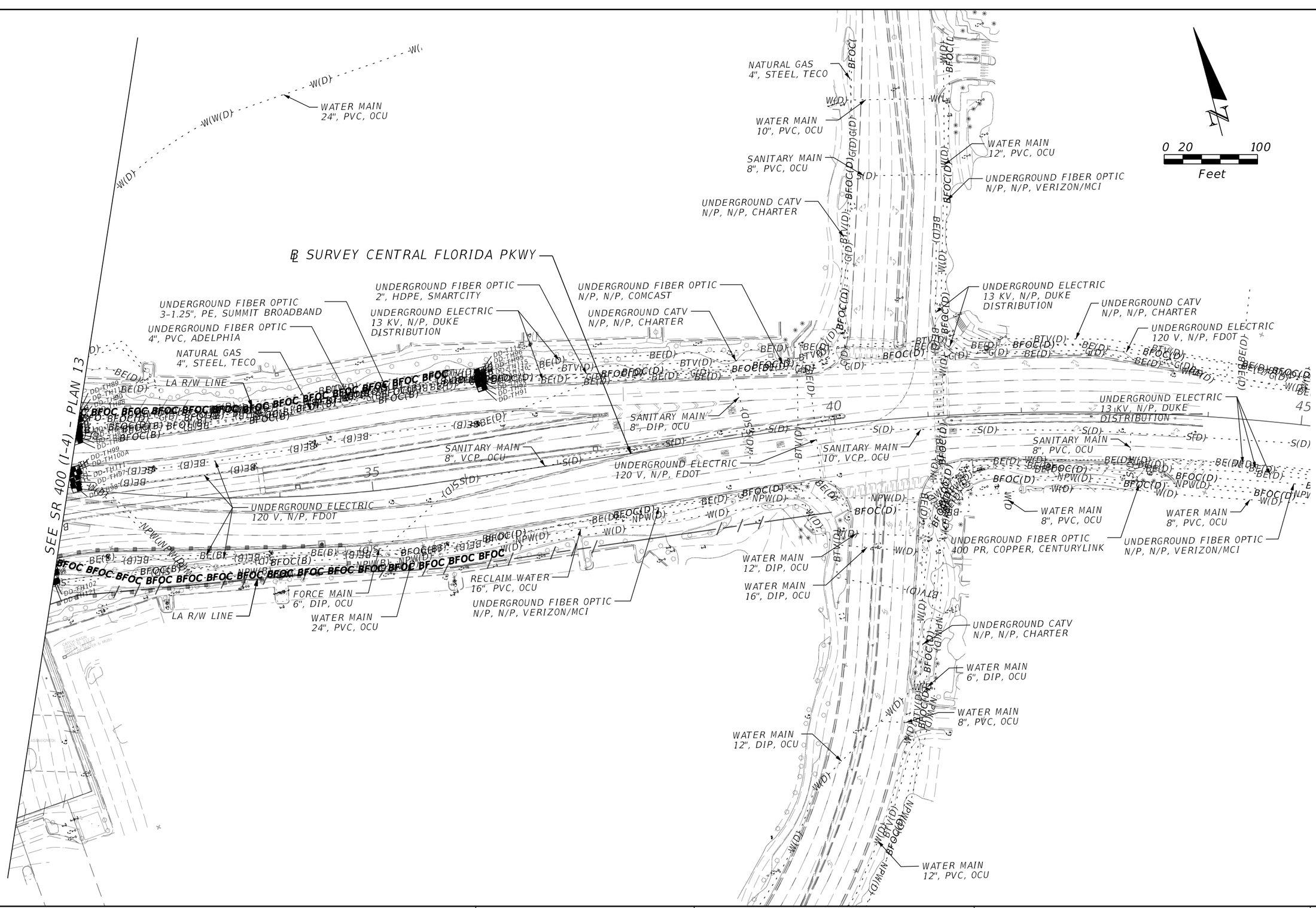
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

CENTRAL FLORIDA PARKWAY
UTILITY ADJUSTMENT PLAN 1

SHEET NO. 691

$USERS $DATES $TIMES $FILES



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

CENTRAL FLORIDA PARKWAY UTILITY ADJUSTMENT PLAN 2

SHEET NO. 692

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SUMMARY OF VERIFIED UTILITIES									
TEST HOLE (V_{vh}#)	UTILITY DESCRIPTION	UTILITY SIZE (INCHES)	UTILITY MATERIAL	B/L or C/L			EXISTING GROUND ELEVATION (FEET)	TOP ELEVATION (FEET)	COMMENTS
				STATION	OFFSET	LT/RT			
1-8	OCU, FM	UNK	UNK	619+53.30	101.96	LT	120.22	115.73	Unable to visually verify the size and material of utility
1-9	OCU, WM	UNK	UNK	619+37.85	102.11	LT	119.58	113.23	Unable to visually verify the size and material of utility
1-13	OCU, WM	UNK	UNK	619+38.94	97.46	RT	120.60	115.00	Unable to visually verify the size and material of utility
1-14	OCU, FM	UNK	UNK	619+53.91	97.99	RT	120.59	114.99	Unable to visually verify the size and material of utility
DD-TH66	UNK, BT	0.75	DBC	708+02	776.11	LT	108.88	106.36	
DD-TH67	OCU, FM	20	PVC	707+99	767.59	LT	108.92	103.40	
DD-TH68	FDOT, FOC/TS	2	PVC	707+97	763.55	LT	108.95	106.15	
DD-TH69	FDOT, FOC/TS	2	PVC	708+79.72	526.31	LT	107.28	104.12	
DD-TH70	FDOT, SL	2 X (0.5)	DBC	708+80.65	526.25	LT	107.23	104.69	
DD-TH71	FDOT, BE	2 X (6)	PVC	708+85.02	525.50	LT	107.18	103.72	
DD-TH72	TECO, GM	6	STEEL	708+99.43	522.23	LT	106.37	103.31	
DD-TH73	FDOT, FOC/TS	2	PVC	708+90.24	524.36	LT	107.02	104.51	
DD-TH74	SUMMIT, FOC	3 X (1.5)	PE	708+90.72	524.24	LT	107.05	104.85	
DD-TH75	FDOT, SL	3 X (2.5)	DBC	707+82.64	542.86	LT	107.16	104.52	
DD-TH76	OCU, RW	16	PVC	707+82.81	542.45	LT	107.21	103.16	
DD-TH77	OCU, WM	20	PVC	707+76.62	542.10	LT	107.50	103.72	
DD-TH78	COMCAST, FOC/CATV	2 X (1.5)	PE	707+71.12	543.58	LT	108.04	104.88	
DD-TH80	FDOT, FOC/TS	2	PVC	707+11	671.71	LT	108.23	105.33	
DD-TH81	SUMMIT, FOC	3 X (1.5)	PE	707+09	666.53	LT	108.28	105.63	
DD-TH82	OCU, WM	24	DIP	707+08	662.97	LT	108.13	105.37	
DD-TH83	TECO, GM	6	STEEL	707+06	659.05	LT	108.15	104.31	
DD-TH84	UNK, FOC	2	PVC	708+56.53	399.99	RT	109.82	106.09	
DD-TH85	UNK, UNK	2 X (1.75)	PVC	708+59.63	399.02	RT	110.30	107.28	
DD-TH86	UNK, FOC/CATV	UNK	CC	708+61.74	398.77	RT	110.61	108.23	Unable to visually verify due to conc cap, possibly 4" PVC
DD-TH87	UNK, FOC	2	PVC	708+62.60	398.53	RT	110.67	108.35	
DD-TH88	ADELPHIA, FOC/TV	4	PVC	708+65.01	397.68	RT	110.97	108.01	
DD-TH89	UNK, BT	0.75	DBC	708+77.64	395.50	RT	112.80	110.55	
DD-TH90	TECO, GM	4	STEEL	708+70.08	397.00	RT	111.45	107.93	
DD-TH91	OCU, WM	4	PVC	709+58	819.12	RT	116.55	116.05	
DD-TH92	UNK, FOC	2	PVC	709+58	818.97	RT	116.43	110.78	
DD-TH93	UNK, FOC/BT	UNK	CC	709+63	817.36	RT	116.36	114.55	Unable to visually verify the size of utility due to concrete cap, possibly 4" and PVC .
DD-TH94	UNK, FOC	2	PVC	709+63	817.25	RT	116.43	114.62	
DD-TH95	ADELPHIA, FOC/BT	4	PVC	709+65	816.80	RT	116.43	113.97	
DD-TH96	UNK	2 X (1.25)	PVC	709+67	816.63	RT	116.36	113.50	
DD-TH97	OCU, WM	UNK	PVC	708+16.83	406.43	RT	108.26	103.46	Unable to visually verify due to groundwater, possibly 20"
DD-TH98	FDOT, BE	2	PVC	708+12.19	408.19	RT	107.92	104.14	
DD-TH99	FDOT, SL	2 X (0.5)	DBC	708+27.24	404.93	RT	109.35	107.47	
DD-TH100	FDOT, BE	2 & 4 & 6	PVC	707+62.22	373.88	RT	108.04	104.58	East edge of conduits
DD-TH100A	UNK, BE	1.75	PE	708+27.05	404.85	RT	109.33	107.65	
DD-TH101	UNK, BE	2 & 4 & 6	PVC	707+61.47	370.72	RT	107.97	103.57	West edge of conduits
DD-TH102	VERIZON/MCI, FOC	2 X (2)	PVC	707+23.55	404.79	RT	109.12	106.68	
DD-TH103	FDOT, BE	2	PVC	707+30.70	402.07	RT	109.07	107.43	
DD-TH104	FDOT, SL	1 X (2) 1 X (2.5) 2 X (0.50) 3 X (0.75)	PVC/DBC	707+31.62	402.03	RT	108.95	106.69	
DD-TH105	DUKE DIST, BE	UNK	PVC	708+38.45	134.13	LT	102.55	97.25	Unable to visually verify due to groundwater and cave in
DD-TH106	CHARTER, CATV	2 X (1.75)	PE	708+53.78	132.53	LT	104.96	101.10	
DD-TH107	FDOT, SL	2 X (2)	PE	708+38.45	151.11	LT	102.42	100.23	
DD-TH108	UNK, FOC	2 X (1)	DBC	708+37.17	144.85	LT	102.38	98.64	
DD-TH109	COMCAST, FOC	2	PVC	708+40.36	173.26	LT	102.64	99.23	
DD-TH110	FDOT, TS	2	PVC	708+40.65	173.98	LT	102.60	100.08	
DD-TH111	OCU, RAW	UNK	UNK	708+22.42	404.36	RT	108.81	103.33	Unable to visually verify due to groundwater and cave in
DD-TH112	FDOT, SL	2 X (2)	PVC	707+71.51	259.66	RT	104.87	103.05	
DD-TH113	COMCAST, FOC	4	PE	708+48.18	400.33	LT	104.60	102.60	
DD-TH114	UNK, BT	0.75	DBC	709+69	815.91	RT	116.45	113.31	
DD-TH115	SUMMIT, FOC	3 X (1.25)	PE	709+64	817.05	RT	116.40	109.17	
DD-TH116	UNK, BT	2.5	DBC	709+64	817.24	RT	116.33	110.10	
DD-TH117	SUMMIT, FOC	3 X (1.75)	PE	708+75.97	395.65	RT	112.55	102.16	
DD-TH118	OCU, FM	4	STEEL	707+47.54	325.80	RT	107.35	104.89	
DD-TH119	UNK, BT	0.75	DBC	708+57.47	132.17	LT	105.61	103.81	
DD-TH120	TECO, GM	UNK	UNK	708+39.90	121.11	LT	102.90	96.00	Unable to visually verify due to groundwater and cave in
DD-TH121	UNK, GM	6	STEEL	707+22.23	404.14	RT	109.29	106.19	
DD-TH122	OCU, RCW	2	PVC	708+61.43	363.15	RT	110.01	109.01	
DD-TH123	UNK, GM	UNK	UNK	707+45.19	322.24	RT	107.35	99.83	Unable to visually verify due to groundwater and cave in

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402 South Northlake Blvd., Suite 1004
Altamonte Springs, FL 32701

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

UTILITY VERIFICATION 1

SHEET NO.
693

SUMMARY OF VERIFIED UTILITIES

TEST HOLE (V_{vh}#)	UTILITY DESCRIPTION	UTILITY SIZE (INCHES)	UTILITY MATERIAL	B/L or C/L			EXISTING GROUND ELEVATION (FEET)	TOP ELEVATION (FEET)	COMMENTS
				STATION	OFFSET	LT/RT			
DD-TH124	VERIZON/MCI, FOC	UNK	UNK	707+44.96	321.61	RT	107.31	100.41	Unable to visually verify due to groundwater and cave in
DD-TH125	CHARTER, CATV	0.5	DBC	560+86.78	359.51	LT	108.31	105.17	
DD-TH126	FDOT ITS, FOC	3	PVC	560+79.46	364.60	LT	107.86	105.83	
DD-TH127	FDOT, TS	2 X (2)	PVC	560+79.11	365.02	LT	107.80	104.53	
DD-TH128	FDOT, SL	1	PVC	560+78.78	365.27	LT	107.88	104.06	
DD-TH129	CHARTER, FOC	3 X (1.5)	PE	560+72.81	369.15	LT	107.86	105.02	
DD-TH131	AT&T, FOC	3 X (2)	PE	560+67.28	373.36	LT	107.49	103.91	
DD-TH152	CHARTER, FOC	UNK	UNK	555+84.24	191.15	RT	109.32	105.16	Unable to visually verify due to groundwater and cave in
DD-TH153	VERIZON/MCI, FOC	2	PVC	556+09.05	207.86	RT	109.11	106.96	
DD-TH154	FDOT, SL	2	PC	556+46.93	232.81	RT	109.85	107.29	
DD-TH155	AT&T, FOC	4	PVC	555+95.59	200.04	RT	109.22	106.42	
DD-TH156	UNK, FOC	UNK	UNK	556+01.42	208.76	RT	109.09	102.03	Unable to visually verify due to groundwater and cave in
DD-TH203	CENTURYLINK, FOC	5 X (4)	PVC	560+83.12	361.89	LT	107.88	104.23	West edge of conduits
DD-TH204	CENTURYLINK, FOC	5 X (4)	PVC	560+84.89	360.80	LT	108.15	104.30	East edge of conduits
DD-TH205	UNK, FOC	2 X (1.5)	PE	560+88.21	357.56	LT	108.92	105.72	
DD-TH206	UNK, BT	0.75	DBC	560+88.82	357.05	LT	108.96	105.42	
DD-TH207	UNK, BT	0.75	DBC	560+90.98	352.86	LT	109.53	106.47	
JKP-TH27	FGT, GM	UNK	UNK	556+78.33	159.64	LT	107.14	102.94	Unable to visually verify due to groundwater
JKP-TH28	FGT, GM	UNK	UNK	552+43.73	337.76	RT	112.82	106.12	Unable to visually verify due to groundwater
MG-TH38	OCU, RCW	24	DIP	644+03.60	563.73	RT	132.72	126.90	
MG-TH39	OCU, RCW	UNK	UNK	644+03.70	724.89	LT	134.49	128.58	Unable to visually verify, possibly 24" DIP
VVH-1	DUKE DIST, BE	*	*	627+68.02	109.51	RT	126.87994	113.41994	Unable to visually identify utility due to ground water at 4 f/d and cave-ins.
VVH-2	OCU, RCW	*	*	644+03.52	393.25	RT	132.767829	121.567829	Unable to visually identify utility due to ground water and cave-ins.
VVH-3	OCU, RCW	*	*	644+07.46	253.82	RT	132.161882	121.021882	Unable to visually identify utility due to ground water and cave-ins.
VVH-5B	OCU, RCW	*	*	644+02.56	131.68	RT	131.586192	124.686192	Unable to visually identify utility due to ground water and cave-ins.
VVH-6	OCU, RCW	*	*	644+08.65	126.03	LT	130.887204	125.537204	Unable to visually identify utility due to ground water.
VVH-8	FDOT ITS, FOC	2	PVC	674+97.33	132.09	RT	107.427298	105.887298	
VVH-9	FDOT ITS, FOC	1.5	PE	674+96.90	127.60	RT	107.995992	105.615992	
VVH-10	DUKE DIST, BE	2	PVC	674+97.27	122.46	RT	108.018987	106.208987	
VVH-11	FDOT ITS, FOC	2	PVC	676+60.71	134.90	RT	107.108003	104.758003	
VVH-12	UNK	(2)1.5	PE	676+60.20	125.19	RT	107.751965	105.851965	
VVH-12A	UNK	4	PE	676+60.20	125.19	RT	107.751965	105.741965	
VVH-13	FDOT ITS, FOC	2	PVC	676+60.14	124.93	RT	107.804708	106.044708	
VVH-14	FDOT ITS, FOC	2	PVC	676.63.34	105.70	RT	108.24596	105.25596	
VVH-15	FDOT, SL	2	PE	676.63.20	103.20	RT	108.207063	105.197063	
VVH-16	EXP	*	*	676+62.77	99.47	RT	108.517684	*	No utility found, dug 4 f/d, probed down to 10'
VVH-17	EXP	*	*	676+58.61	138.16	LT	107.891707	*	No utility found, Vacuumed depth 5', probed 10'
VVH-17A	FDOT ITS, FOC	1.5	PE	676+57.67	141.54	LT	108.196846	105.176846	
VVH-18A	FDOT ITS, FOC	1.5	PE	654+35.52	97.96	LT	124.53934	122.48934	
VVH-18B	FDOT, SL	2	PVC	654+35.52	97.96	LT	124.53934	122.62934	
VVH-19	FDOT ITS, FOC	1.5	PE	651+66.72	140.75	RT	128.29428	125.67428	
VVH-19A	FDOT ITS, FOC	(2) 1.5	PE	647+20.85	120.51	RT	132.619967	130.669967	
VVH-20	FDOT ITS, FOC	1.5	PE	654+50.43	140.65	RT	124.055085	121.865085	
VVH-21	TECO, GM	8	PVC	666+51.08	564.89	LT	114.7924578	111.5924578	
VVH-21A	OCU, WM	24	STL	666+50.81	558.72	LT	114.570438	111.380438	
VVH-21B	UNK, FOC	2	PE	666+50.68	551.49	LT	113.772687	111.472687	
VVH-22A	OCU, FM	*	*	683+18.68	702.16	LT	105.75817	94.17817	Unable to visually identify utility due to cave-ins.
VVH-22B	UNK, FOC	*	PE	683+19.26	694.35	LT	105.800407	100.660407	Unable to visually identify utility due to cave-ins.
VVH-23	OCU, RCW	*	*	683+19.46	645.11	LT	106.923519	96.943519	Unable to visually identify utility due to cave-ins.
VVH-23A	UNK	6	PVC	683+18.86	631.31	LT	106.94081	102.94081	
VVH-24	OCU, WM	24	STL	683+18.66	578.64	LT	105.99522	101.31522	
VVH-24A	TECO, GM	8	PVC	683+18.67	576.51	LT	105.986122	102.966122	
VVH-24B	UNK, FOC	(2) 2	FO	683+18.56	574.86	LT	105.95885	103.49885	
VVH-25	OCU, WM	24	STL	691+94.00	628.67	LT	112.133648	107.233648	
VVH-26	TECO, GM	8	PVC	691+95.01	621.96	LT	112.372008	109.722008	
VVH-27	OCU, RCW	12	PVC	694+09.65	724.63	LT	113.749775	109.249775	
VVH-28	UNK, FOC	2	PVC	694+04.63	778.40	LT	113.019126	109.569126	
VVH-28A	UNK, FOC	2	PE	694+04.59	778.82	LT	113.029545	107.579545	
VVH-28B	OCU, FM	36	PVC	694+03.66	781.85	LT	113.114393	108.984393	

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

UTILITY VERIFICATION 2

SHEET NO. 694

SUMMARY OF LUMP SUM ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY P	QUANTITY F	DESIGN NOTES	CONSTRUCTION REMARKS
0101 1	MOBILIZATION	1			

PAY ITEM NOTES

102-1	INCLUDES PERFORMANCE TURF SOD FOR RESTORING MEDIAN UPON REMOVING OVERBUILD
102-2-X00	INCLUDES THE COST OF CONSTRUCTING, MAINTAINING, AND SUBSEQUENTLY REMOVING TEMPORARY DRAINAGE PER THE TEMPORARY TRAFFIC CONTROL PLANS.
102-71-15	TEMPORARY BARRIER WALL FROM IWBCD2 STA 7065+44.17 LT TO STA 7069+46.92 RT IS TO REMAIN PERMANENT
521-72-40	38 INCH HEIGHT TO BE USED

INDEX OF SUMMARY OF QUANTITIES

SHEET NO.	SHEET DESCRIPTION
SQ-1	SUMMARY OF LUMP SUM ITEMS
SQ-2 - SQ-6	SUMMARY OF TRAFFIC CONTROL PLAN ITEMS
SQ-7	SUMMARY OF PEDESTRIAN LONGITUDINAL CHANNELING DEVICES
SQ-8	SUMMARY OF TEMPORARY CRASH CUSHION
SQ-9	SUMMARY OF TEMPORARY SIGNALIZATION & DETECTION
SQ-10	SUMMARY OF SPECIAL DETOURS
SQ-11 - SQ-18	SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES
SQ-19 - SQ-29	SUMMARY OF LITTER REMOVAL AND MOWING AND SUMMARY OF MONTITOR EXISITING STRUCTURES
SQ-30 - SQ-31	SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS
SQ-32	SUMMARY OF EARTHWORK
SQ-33 - SQ-37	SUMMARY OF PAVEMENT
SQ-38	SUMMARY OF MISCELLANEOUS ASPHALT PAVEMENT
SQ-39 - SQ-41	SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPERATORS
SQ-42	SUMMARY OF PERMANENT BARRIER WALL
SQ-43	SUMMARY OF SIDEWALK & DETECTABLE WARNINGS
SQ-44	SUMMARY OF DITCH PAVEMENT
SQ-45	SUMMARY OF GAURDRAIL
SQ-46	SUMMARY OF PERMANENT CRASH CUSHIONS
SQ-47	SUMMARY OF FENCING
SQ-48 - SQ-54	SUMMARY OF PERFORMANCE TURF

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REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-1

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE 1 - STAGE 1			PHASE 1 - STAGE 1A			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL				
			DAYS	P	P	DAYS	P	P	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS/DA	202		202	5		5	207			
0102 14	TRAFFIC CONTROL OFFICER	HR		40	40		40	40	80			
0102 60	WORK ZONE SIGN	ED	202	29	5858	5	17	85	5943			
0102 61	BUSINESS SIGN	EA										
0102 71 15	BARRIER WALL, TEMPORARY BARRIER, F&I, ANCHORED	LF		26182	26182		990	990	27172			
0102 71 25	BARRIER WALL, TEMPORARY BARRIER , RELOCATE, ANCHORED	LF										
0102- 115	TYPE III BARRICADE	ED	202	5	1010	5	346	1730	2740			
0102 74 2	CHANNELIZING DEVICE, TYPE III, 6'	ED										
0102 76	ARROW BOARD/ ADVANCED WARNING ARROW PANEL	ED				5	2	10	10			
0102 78	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA		625	625				625			
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	202	2	404	5	2	10	414			
0102 9111	PAVEMENT MARKING REMOVABLE TAPE, WHITE, SKIP	LF		0.095	0.095				0.095			
0102 9112	PAVEMENT MARKING REMOVABLE TAPE, WHITE, SOLID	LF		0.095	0.095				0.095			
0102 9122	PAVEMENT MARKING REMOVABLE TAPE, YELLOW, SOLID	LF		0.095	0.095				0.095			
0710 11101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM		1.779	1.779				1.779			
0710 11123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 12"	LF										
0710 11124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 18"	LF										
0710 11125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24"	LF										
0710 11131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30	GM		1.243	1.243				1.243			
0710 11141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, DOTTED, 6"	GM										
0710 11160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE	EA										
0710 11170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA										
0710 11180	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, YIELD LINE	LF										
0710 11201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM		1.428	1.428				1.428			
0710 11224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 18"	LF										
0710 11241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, DOTTED, 6"	GM										

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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	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-2

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE 1 - STAGE 1B			PHASE 1 - STAGE 1C			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL				
			DAYS	P	P	DAYS	P	P	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS/DA	5	1	5	5	1	5	10			
0102 14	TRAFFIC CONTROL OFFICER	HR		40	40		40	40	80			
0102 60	WORK ZONE SIGN	ED	5	8	40	5	19	95	135			
0102 61	BUSINESS SIGN	EA										
0102 71 15	BARRIER WALL, TEMPORARY BARRIER, F&I, ANCHORED	LF		1062	1062				1062			
0102 71 25	BARRIER WALL, TEMPORARY BARRIER , RELOCATE, ANCHORED	LF										
0102- 115	TYPE III BARRICADE	ED	5	117	585	5	398	1990	2575			
0102 74 2	CHANNELIZING DEVICE, TYPE III, 6'	ED										
0102 76	ARROW BOARD/ ADVANCED WARNING ARROW PANEL	ED				5	2	10	10			
0102 78	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA										
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	5	2	10	5	2	10	20			
0102 9111	PAVEMENT MARKING REMOVABLE TAPE, WHITE, SKIP	LF										
0102 9112	PAVEMENT MARKING REMOVABLE TAPE, WHITE, SOLID	LF										
0102 9122	PAVEMENT MARKING REMOVABLE TAPE, YELLOW, SOLID	LF										
0710 11101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM										
0710 11123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 12"	LF										
0710 11124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 18"	LF										
0710 11125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24"	LF										
0710 11131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30	GM										
0710 11141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, DOTTED, 6"	GM										
0710 11160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE	EA										
0710 11170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA										
0710 11180	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, YIELD LINE	LF										
0710 11201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM										
0710 11224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 18"	LF										
0710 11241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, DOTTED, 6"	GM										

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-3

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE 1 - STAGE 2			PHASE 1 - STAGE 3			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL				
			DAYS	P	P	DAYS	P	P	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS/DA	202	1	202	98	1	98	300			
0102 14	TRAFFIC CONTROL OFFICER	HR		40	40		24	24	64			
0102 60	WORK ZONE SIGN	ED	202	31	6262	98	23	2254	8516			
0102 61	BUSINESS SIGN	EA										
0102 71 15	BARRIER WALL, TEMPORARY BARRIER, F&I, ANCHORED	LF										
0102 71 25	BARRIER WALL, TEMPORARY BARRIER , RELOCATE, ANCHORED	LF		7611	7611		4835	4835	12446			
0102- 115	TYPE III BARRICADE	ED	202	20	4040	98	76	7448	11488			
0102 74 2	CHANNELIZING DEVICE, TYPE III, 6'	ED				98	1	98	98			
0102 76	ARROW BOARD/ ADVANCED WARNING ARROW PANEL	ED										
0102 78	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA		1198	1198		965	965	2163			
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	202	2	404	98	5	490	894			
0102 9111	PAVEMENT MARKING REMOVABLE TAPE, WHITE, SKIP	LF										
0102 9112	PAVEMENT MARKING REMOVABLE TAPE, WHITE, SOLID	LF										
0102 9122	PAVEMENT MARKING REMOVABLE TAPE, YELLOW, SOLID	LF										
0710 11101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM		1.776	1.776		0.505	0.505	2.281			
0710 11123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 12"	LF										
0710 11124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 18"	LF										
0710 11125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24"	LF					33	33	33			
0710 11131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30	GM		2.894	2.894				2.894			
0710 11141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, DOTTED, 6"	GM					0.009	0.009	0.009			
0710 11160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE	EA										
0710 11170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA										
0710 11180	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, YIELD LINE	LF										
0710 11201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM		1.282	1.282		0.127	0.127	1.409			
0710 11224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 18"	LF										
0710 11241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, DOTTED, 6"	GM										

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SUMMARY OF QUANTITIES

SHEET NO.
SQ-4

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE 1 - STAGE 4			PHASE 2 - STAGE 1			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL				
			DAYS	P	P	DAYS	P	P	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS/DA	92	1	92	141	1	141	233			
0102 14	TRAFFIC CONTROL OFFICER	HR					40	40	40			
0102 60	WORK ZONE SIGN	ED	92	14	1288	141	36	5076	6364			
0102 61	BUSINESS SIGN	EA										
0102 71 15	BARRIER WALL, TEMPORARY BARRIER, F&I, ANCHORED	LF										
0102 71 25	BARRIER WALL, TEMPORARY BARRIER , RELOCATE, ANCHORED	LF		2773	2773		27668	27668	30441			
0102- 115	TYPE III BARRICADE	ED	92	30	2760	141	131	18471	21231			
0102 74 2	CHANNELIZING DEVICE, TYPE III, 6'	ED										
0102 76	ARROW BOARD/ ADVANCED WARNING ARROW PANEL	ED	92	1	92	141	2	282	374			
0102 78	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA		1013	1013		2630	2630	3643			
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	92	2	184	141	2	282	466			
0102 9111	PAVEMENT MARKING REMOVABLE TAPE, WHITE, SKIP	LF										
0102 9112	PAVEMENT MARKING REMOVABLE TAPE, WHITE, SOLID	LF										
0102 9122	PAVEMENT MARKING REMOVABLE TAPE, YELLOW, SOLID	LF										
0710 11101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM		0.869	0.869		3.961	3.961	4.830			
0710 11123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 12"	LF										
0710 11124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 18"	LF										
0710 11125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24"	LF										
0710 11131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30	GM		1.524	1.524		7.457	7.457	8.981			
0710 11141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, DOTTED, 6"	GM										
0710 11160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE	EA										
0710 11170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA										
0710 11180	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, YIELD LINE	LF										
0710 11201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM		0.763	0.763		2.937	2.937	3.700			
0710 11224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 18"	LF										
0710 11241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, DOTTED, 6"	GM										

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SUMMARY OF QUANTITIES

SHEET NO.
SQ-5

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE 2 - STAGE 2			PHASE 2 - STAGE 3			SHEET TOTAL		GRAND TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL						
			DAYS	P	P	DAYS	P	P	P	F	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS/DA	92	1	92	92	1	92	184		934			
0102 14	TRAFFIC CONTROL OFFICER	HR		16	16		16	16	32		296			
0102 60	WORK ZONE SIGN	ED	92	30	2760	92	30	2760	5520		26478			
0102 61	BUSINESS SIGN	EA												
0102 71 15	BARRIER WALL, TEMPORARY BARRIER, F&I, ANCHORED	LF									28234			
0102 71 25	BARRIER WALL, TEMPORARY BARRIER , RELOCATE, ANCHORED	LF									42887			
0102- 115	TYPE III BARRICADE	ED	92	273	25116	92	300	27600	52716		90750			
0102 74 2	CHANNELIZING DEVICE, TYPE III, 6'	ED									98			
0102 76	ARROW BOARD/ ADVANCED WARNING ARROW PANEL	ED									394			
0102 78	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA									6431			
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	92	2	184	92	2	184	368		2162			
0102 9111	PAVEMENT MARKING REMOVABLE TAPE, WHITE, SKIP	LF									0.095			
0102 9112	PAVEMENT MARKING REMOVABLE TAPE, WHITE, SOLID	LF									0.095			
0102 9122	PAVEMENT MARKING REMOVABLE TAPE, YELLOW, SOLID	LF									0.095			
0710 11101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM									8.89			
0710 11123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 12"	LF					224	224	224		224			
0710 11124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 18"	LF												
0710 11125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24"	LF					193	193	193		225			
0710 11131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30	GM									13.118			
0710 11141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, DOTTED, 6"	GM									0.009			
0710 11160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE	EA												
0710 11170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA												
0710 11180	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, YIELD LINE	LF												
0710 11201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM									6.537			
0710 11224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 18"	LF												
0710 11241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, DOTTED, 6"	GM												

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SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-6

SUMMARY OF PEDESTRIAN LONGITUDINAL CHANNELING DEVICES

CONST. PHASE	LOCATION STA. TO STA.	SIDE	QUANTITY 0102 74 8 FD P	QUANTITY 0102 74 8 FD F	DESIGN NOTES	CONSTRUCTION REMARKS
PH2-ST1	108+03.55 to 108+35.20	LT	6142		DARYL CARTER PARKWAY	
PH2-ST1	108+12.91 to 108+46.99	LT	6614		DARYL CARTER PARKWAY	
PH2-ST1	108+46.99 to 108+57.22	LT	1449		DARYL CARTER PARKWAY	
PH2-ST1	108+57.22 to 114+13.78	LT	78474		DARYL CARTER PARKWAY	
PH2-ST1	114+13.80 to 116+70.01	LT	36126		DARYL CARTER PARKWAY	
PH2-ST1	116+69.99 to 121+99.63	LT	74680		DARYL CARTER PARKWAY	
PH2-ST1	122+09.38 to 122+09.65	LT	1135		DARYL CARTER PARKWAY	
PH2-ST2	108+03.55 to 108+41.73	LT	4834		DARYL CARTER PARKWAY	
PH2-ST2	108+12.91 to 108+46.99	LT	4316		DARYL CARTER PARKWAY	
PH2-ST2	108+41.73 to 108+56.63	LT	1377		DARYL CARTER PARKWAY	
PH2-ST2	108+46.99 to 108+57.22	LT	946		DARYL CARTER PARKWAY	
PH2-ST2	108+56.63 to 109+11.21	LT	5021		DARYL CARTER PARKWAY	
PH2-ST2	108+57.22 to 109+10.97	LT	4945		DARYL CARTER PARKWAY	
PH2-ST2	109+10.97 to 109+61.35	LT	4668		DARYL CARTER PARKWAY	
PH2-ST2	109+11.21 to 109+61.59	LT	4668		DARYL CARTER PARKWAY	
PH2-ST2	109+61.35 to 115+57.21	LT	54819		DARYL CARTER PARKWAY	
PH2-ST2	109+61.59 to 115+63.00	LT	55330		DARYL CARTER PARKWAY	
PH2-ST2	115+57.21 to 115+72.64	LT	2282		DARYL CARTER PARKWAY	
PH2-ST2	115+63.00 to 115+84.22	LT	3138		DARYL CARTER PARKWAY	
		SUB-TOTAL:	350963			
		TOTAL:	350963			

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SUMMARY OF QUANTITIES

SHEET NO. SQ-7

SUMMARY OF TEMPORARY CRASH CUSHIONS

TTC PHASE	STATION	OFFSET (FT)	SIDE	WORK ZONE SPEED (MPH)	TEST LEVEL (TL-2 OR TL-3)	WIDTH OF HAZARD (IN)	LENGTH RESTRICTION (FT)	TEMPORARY CRASH CUSHION 0102 89 1		DESIGN NOTES	CONSTRUCTION REMARKS
								P	F		
PH1-ST1	104+45.00	0.00	LT	40	TL-3	192.00	N/A	1			
PH1-ST1	104+45.00	15.00	RT	40	TL-3	192.00	N/A	1			
PH1-ST1	121+76.00	12.00	LT	40	TL-3	216.00	N/A	1			
PH1-ST1	701+50.00	80.00	LT	60	TL-3	1200.00	N/A	1			
PH1-ST1	689+00.00	156.00	LT	50	TL-3	936.00	N/A	1			
PH1-ST1	110+75.00	12.00	RT	50	TL-3	1200.00	N/A	1			
PH2-ST1	552+80.00	26.00	RT	60	TL-3	336.00	N/A	1			
PH2-ST1	917+00.00	0.00	LT	50	TL-3	840.00	N/A	1			
PH1-ST1A	641+20.00	77.00	LT	25	TL-3	480.00	N/A	1			
PH1-ST1B	1011+00.00	265.00	RT	25	TL-3	480.00	N/A	1			
PH1-ST2	122+72.00	37.00	LT	40	TL-3	516.00	N/A	1			
PH1-ST2	688+80.00	152.00	LT	50	TL-3	660.00	N/A	1			
PH1-ST2	688+80.00	173.00	LT	50	TL-3	1320.00	N/A	1			
PH1-ST2	704+60.00	24.00	LT	60	TL-3	456.00	N/A	1			
PH1-ST3	110+00.00	16.00	RT	50	TL-3	72.00	N/A	1			
PH1-ST3	110+51.00	2.00	LT	50	TL-3	72.00	N/A	1			
PH2-ST1	552+80.00	96.00	RT	60	TL-3	336.00	N/A	1			
PH2-ST1	917+00.00	0.00	LT	50	TL-3	840.00	N/A	1			
PH2-ST1	108+00.00	50.00	RT	40	TL-3	480.00	N/A	1			

SUMMARY OF TEMPORARY SIGNALIZATION & DETECTION

PHASE	DURATION	0102104 TEMPORARY SIGNALS & MAINTENANCE OF INTERSECTION - EACH DAY						0102107 1 TEMPORARY TRAFFIC DETECTION & MAINTENANCE OF INTERSECTION - EACH DAY						DESIGN NOTES	CONSTRUCTION REMARKS
		EXISTING			TEMPORARY			EXISTING			TEMPORARY/NEW				
	DAYS	#	P	F	#	P	F	#	P	F	#	P	F		
PH 1 - ST 3	98				1	98		1	98					CFP/PALM PKWY	
SUB-TOTAL						98			98						
TOTAL						98					TOTAL	98			

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SUMMARY OF QUANTITIES

SHEET NO. SQ-9

SUMMARY OF SPECIAL DETOURS

TTC PHASE	LOCATION	SIDE	AREA ID	UNITS	SPECIAL DETOUR TEMPORARY PAVEMENT			SPECIAL DETOUR TEMPORARY EARTHWORK/BASE			PEDESTRIAN SPECIAL DETOUR			DESIGN NOTES	CONSTRUCTION REMARKS
					0102 2200			102 2300			0102 4				
	STA. TO STA.				P	SY	F	P	CY	F	P	SY	F		
PH1-ST1	100+00.00 to 110+00.00	LT	631985	LS	1	1964.30		1	2678.94					DIVERSION 1	
PH1-ST1	200+00.00 to 210+00.00	LT	631976	LS	1	858.50		1	1529.70					DIVERSION 2	
				SUB-TOTAL:	2	2822.8	0	2	4208.6	0	0	0.0	0		
				TOTAL:	2	2823.0	0	2	4208.6	0	0	0.0	0		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
P.E. License No. 61806
AECOM TECHNICAL SERVICES, Inc.
150 N. Orange Avenue, Suite 200
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-10

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION	SIDE	AREA ID	ARTIFICIAL COVERINGS		SEDIMENT BASIN		SEDIMENT BASIN CLEANOUT		SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		STAKED TURBIDITY BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 1		0104 7		0104 9		0104 10 3		0104 11		0104 12		0104 15		0104 18			
STA. TO STA.			SY		EA		EA		LF		LF		LF		EA		EA			
			P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F		
600+00.00 to 614+00.00	RT								1364.5										PND141	
614+10.00 to 644+90.00	LT								3108.4										PND141	
645+10.00 to 646+50.00	LT								526.0										PND141	
1004+85.00 to 1018+30.00	LT								2317.6										PND142	
1011+90.00 to 1018+30.00	RT								1216.7										PND142	
7088+00.00 to 7089+60.00	RT								181.5										IWBCD2	
7089+45.00 to 7090+00.00	LT								55.8										IWBCD2	
565+80.00 to 623+60.00	RT								5856.0										BL400	
623+20.00 to 644+00.00	RT								2181.5										BL400	
631+20.00 to 644+00.00	LT								1324.0										BL400	
672+70.00 to 676+35.00	RT								463.9										BL400	
676+30.00 to 687+10.00	RT								1265.2										BL400	
705+60.00 to 706+50.00	LT								261.6										BL400	
706+00.00 to 706+80.00	LT								73.1										BL400	
600+90.00 to 609+60.00	RT								1086.9										RAMP IC_DCP	
608+60.00 to 611+20.00	LT								307.9										RAMP IC_DCP	
611+80.00 to 614+60.00	RT								485.5										RAMP IC_DCP	
306+00.00 to 311+00.00	LT								490.5										RAMP IA_CFP	
1018+10.00 to 1018+35.00	LT												22.9						PND142	
1018+10.00 to 1018+35.00	RT												25.0						PND142	
1018+50.00 to 1018+75.00	LT												25.0						PND142	
1018+50.00 to 1018+75.00	RT												27.3						PND142	
710+50.00 to 710+90.00	LT												67.2						RAMP D_DCP	
575+70.00 to 575+30.00	LT												69.0						BL400	
676+00.00 to 676+25.00	RT												72.6						BL400	
676+90.00 to 677+15.00	RT												80.7						BL400	
696+40.00 to 697+00.00	LT												72.3						BL400	
696+70.00 to 697+40.00	RT												87.7						BL400	
699+70.00 to 700+10.00	LT												59.2						BL400	
700+60.00 to 701+10.00	LT												49.9						BL400	
705+10.00 to 705+80.00	RT												79.4						BL400	
706+20.00 to 706+80.00	LT												72.0						BL400	
701+10.00 to 701+40.00	LT										72.5								RAMP D_DCP	
701+40.00 to 701+80.00	LT										63.5								RAMP D_DCP	
701+40.00 to 701+90.00	RT										73.2								RAMP D_DCP	
701+45.00 to 701+70.00	RT										41.8								RAMP D_DCP	
703+15.00 to 703+85.00	RT										111.0								RAMP D_DCP	
703+20.00 to 703+90.00	LT										115.1								RAMP D_DCP	
706+90.00 to 707+60.00	RT										119.6								RAMP D_DCP	
660+00.00 to 672+60.00	RT										1455.9								BL400	
612+40.00 to 613+20.00	RT										101.0								PND141	
615+20.00 to 615+80.00	RT										113.5								PND141	
622+40.00 to 623+20.00	RT										111.5								PND141	
626+50.00 to 627+30.00	RT										112.6								PND141	
630+25.00 to 631+10.00	RT										132.2								PND141	
633+90.00 to 634+60.00	RT										124.7								PND141	
638+20.00 to 638+70.00	LT										68.2								PND141	
642+80.00 to 644+70.00	RT										208.8								PND141	
SUB-TOTAL:									22566.6		3025.1		810.2							

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-11

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION	SIDE	AREA ID	ARTIFICIAL COVERINGS		SEDIMENT BASIN		SEDIMENT BASIN CLEANOUT		SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		STAKED TURBIDITY BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 1		0104 7		0104 9		0104 10 3		0104 11		0104 12		0104 15		0104 18			
STA. TO STA.			SY		EA		EA		LF		LF		LF		EA		EA			
			P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F		
609+50.00 to 611+80.00	RT										263.5								RAMP IC_DCP	
563+70.00 to 563+70.00	RT																2		BL400	
575+00.00 to 575+00.00	RT																1		BL400	
592+00.00 to 592+00.00	RT																1		BL400	
607+00.00 to 607+00.00	RT																1		BL400	
654+60.00 to 654+60.00	LT																1		BL400	
658+00.00 to 658+00.00	LT																1		BL400	
676+60.00 to 676+60.00	LT																1		BL400	
679+50.00 to 679+50.00	LT																2		BL400	
679+50.00 to 679+50.00	RT																1		BL400	
700+65.00 to 700+65.00	LT																1		BL400	
702+40.00 to 702+40.00	LT																1		BL400	
703+65.00 to 703+65.00	LT																1		BL400	
706+00.00 to 706+00.00	LT																1		BL400	
104+40.00 to 104+40.00	LT																1		DARYL CARTER PKWY	
104+40.00 to 104+40.00	RT																1		DARYL CARTER PKWY	
105+00.00 to 105+00.00	LT																1		DARYL CARTER PKWY	
105+00.00 to 105+00.00	RT																1		DARYL CARTER PKWY	
107+60.00 to 107+60.00	LT																1		DARYL CARTER PKWY	
107+60.00 to 107+60.00	RT																1		DARYL CARTER PKWY	
109+50.00 to 109+50.00	LT																1		DARYL CARTER PKWY	
109+50.00 to 109+50.00	RT																1		DARYL CARTER PKWY	
118+10.00 to 118+10.00	LT																1		DARYL CARTER PKWY	
118+10.00 to 118+10.00	RT																1		DARYL CARTER PKWY	
121+70.00 to 121+70.00	LT																1		DARYL CARTER PKWY	
121+70.00 to 121+70.00	RT																1		DARYL CARTER PKWY	
121+70.00 to 121+70.00	LT																1		DARYL CARTER PKWY	
121+70.00 to 121+70.00	RT																1		DARYL CARTER PKWY	
101+50.00 to 101+50.00	RT																1		LATDITCH	
104+20.00 to 104+20.00	RT																1		LATDITCH	
612+50.00 to 612+50.00	RT																1		PND141	
614+00.00 to 614+00.00	RT																1		PND141	
615+10.00 to 615+10.00	RT																1		PND141	
616+10.00 to 616+10.00	LT																1		PND141	
620+00.00 to 620+00.00	LT																1		PND141	
622+50.00 to 622+50.00	LT																1		PND141	
626+90.00 to 626+90.00	LT																1		PND141	
630+90.00 to 630+90.00	LT																1		PND141	
633+15.00 to 633+15.00	LT																1		PND141	
635+80.00 to 635+80.00	LT																1		PND141	
638+00.00 to 638+00.00	RT																1		PND141	
638+60.00 to 638+60.00	RT																1		PND141	
207+80.00 to 207+80.00	RT																1		RAMP ISLIP2	
212+30.00 to 212+30.00	RT																1		RAMP ISLIP2	
609+80.00 to 609+80.00	LT																1		RAMP IC_DCP	
616+20.00 to 616+20.00	RT																1		RAMP IC_DCP	
635+10.00 to 635+10.00	LT																1		BL400	
639+60.00 to 639+60.00	LT																1		BL400	
638+60.00 to 638+60.00	LT																1		BL400	
640+60.00 to 640+60.00	LT																1		BL400	
SUB-TOTAL:											263.5						49.0			

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-12

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION	SIDE	AREA ID	ARTIFICIAL COVERINGS		SEDIMENT BASIN		SEDIMENT BASIN CLEANOUT		SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		STAKED TURBIDITY BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 1		0104 7		0104 9		0104 10 3		0104 11		0104 12		0104 15		0104 18			
STA. TO STA.			SY		EA		EA		LF		LF		LF		EA		EA			
			P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F		
643+10.00 to 643+10.00	LT																1		BL400	
644+30.00 to 644+30.00	LT																1		BL400	
647+60.00 to 647+60.00	LT																1		BL400	
649+10.00 to 649+10.00	LT																1		BL400	
652+40.00 to 652+40.00	LT																1		BL400	
654+10.00 to 654+10.00	LT																1		BL400	
655+90.00 to 655+90.00	LT																2		BL400	
658+00.00 to 658+00.00	LT																2		BL400	
659+90.00 to 659+90.00	LT																1		BL400	
661+00.00 to 661+00.00	LT																2		BL400	
662+00.00 to 662+00.00	LT																2		BL400	
664+60.00 to 664+60.00	LT																1		BL400	
666+60.00 to 666+60.00	LT																1		BL400	
668+60.00 to 668+60.00	LT																1		BL400	
670+60.00 to 670+60.00	LT																1		BL400	
672+60.00 to 672+60.00	LT																1		BL400	
674+60.00 to 674+60.00	LT																1		BL400	
676+60.00 to 676+60.00	LT																1		BL400	
678+60.00 to 678+60.00	LT																1		BL400	
680+60.00 to 680+60.00	LT																1		BL400	
682+10.00 to 682+10.00	LT																1		BL400	
688+60.00 to 688+60.00	LT																1		BL400	
108+50.00 to 108+50.00	RT																1		DARYL CARTER PKWY	
116+15.00 to 116+15.00	LT																1		DARYL CARTER PKWY	
118+10.00 to 118+10.00	LT																1		DARYL CARTER PKWY	
120+00.00 to 120+00.00	LT																1		DARYL CARTER PKWY	
121+70.00 to 121+70.00	LT																1		DARYL CARTER PKWY	
121+70.00 to 121+70.00	RT																1		DARYL CARTER PKWY	
700+80.00 to 700+80.00	RT																1		RAMP D_DCP	
701+00.00 to 701+00.00	RT																2		RAMP D_DCP	
701+60.00 to 701+60.00	LT																1		RAMP D_DCP	
701+60.00 to 701+60.00	RT																1		RAMP D_DCP	
703+50.00 to 703+50.00	LT																1		RAMP D_DCP	
703+50.00 to 703+50.00	RT																1		RAMP D_DCP	
705+00.00 to 705+00.00	LT																1		RAMP D_DCP	
705+00.00 to 705+00.00	RT																1		RAMP D_DCP	
706+50.00 to 706+50.00	LT																1		RAMP D_DCP	
706+50.00 to 706+50.00	RT																1		RAMP D_DCP	
707+50.00 to 707+50.00	LT																1		RAMP D_DCP	
707+50.00 to 707+50.00	RT																1		RAMP D_DCP	
708+35.00 to 708+35.00	LT																1		RAMP D_DCP	
709+60.00 to 709+60.00	LT																1		RAMP D_DCP	
711+00.00 to 711+00.00	LT																1		RAMP D_DCP	
711+80.00 to 711+80.00	LT																1		RAMP D_DCP	
712+20.00 to 712+20.00	LT																1		RAMP D_DCP	
712+60.00 to 712+60.00	LT																1		RAMP D_DCP	
7066+20.00 to 7066+20.00	LT																1		IWBCD2	
7066+20.00 to 7066+20.00	RT																1		IWBCD2	
SUB-TOTAL:																	53.0			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-13

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION	SIDE	AREA ID	ARTIFICIAL COVERINGS		SEDIMENT BASIN		SEDIMENT BASIN CLEANOUT		SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		STAKED TURBIDITY BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 1		0104 7		0104 9		0104 10 3		0104 11		0104 12		0104 15		0104 18			
STA. TO STA.			SY		EA		EA		LF		LF		LF		EA		EA			
			P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F		
7066+90.00 to 7066+90.00	LT																1		IWBCD2	
7067+20.00 to 7067+20.00	LT																1		IWBCD2	
7067+40.00 to 7067+40.00	RT																1		IWBCD2	
7067+50.00 to 7067+50.00	LT																1		IWBCD2	
7068+25.00 to 7068+25.00	LT																1		IWBCD2	
7068+90.00 to 7068+90.00	LT																1		IWBCD2	
7068+90.00 to 7068+90.00	RT																1		IWBCD2	
7070+00.00 to 7070+00.00	LT																1		IWBCD2	
7070+90.00 to 7070+90.00	LT																1		IWBCD2	
7070+90.00 to 7070+90.00	RT																1		IWBCD2	
7072+00.00 to 7072+00.00	LT																1		IWBCD2	
7072+90.00 to 7072+90.00	LT																1		IWBCD2	
7072+90.00 to 7072+90.00	RT																1		IWBCD2	
7074+00.00 to 7074+00.00	LT																1		IWBCD2	
7074+90.00 to 7074+90.00	LT																1		IWBCD2	
7074+90.00 to 7074+90.00	RT																1		IWBCD2	
7076+00.00 to 7076+00.00	LT																1		IWBCD2	
7076+35.00 to 7076+35.00	RT																1		IWBCD2	
7076+90.00 to 7076+90.00	LT																1		IWBCD2	
7076+90.00 to 7076+90.00	RT																1		IWBCD2	
7078+00.00 to 7078+00.00	LT																1		IWBCD2	
7078+90.00 to 7078+90.00	LT																1		IWBCD2	
7078+90.00 to 7078+90.00	RT																1		IWBCD2	
7080+00.00 to 7080+00.00	LT																1		IWBCD2	
7080+90.00 to 7080+90.00	LT																1		IWBCD2	
7080+90.00 to 7080+90.00	RT																1		IWBCD2	
7082+00.00 to 7082+00.00	LT																1		IWBCD2	
7082+00.00 to 7082+00.00	RT																1		IWBCD2	
7082+90.00 to 7082+90.00	LT																1		IWBCD2	
7084+00.00 to 7084+00.00	LT																1		IWBCD2	
7084+90.00 to 7084+90.00	LT																1		IWBCD2	
7084+90.00 to 7084+90.00	RT																1		IWBCD2	
7086+90.00 to 7086+90.00	LT																1		IWBCD2	
7086+90.00 to 7086+90.00	RT																1		IWBCD2	
7087+90.00 to 7087+90.00	LT																1		IWBCD2	
7088+90.00 to 7088+90.00	LT																1		IWBCD2	
7088+90.00 to 7088+90.00	RT																1		IWBCD2	
7089+90.00 to 7089+90.00	LT																1		IWBCD2	
7089+90.00 to 7089+90.00	RT																1		IWBCD2	
7090+50.00 to 7090+50.00	LT																1		IWBCD2	
7090+50.00 to 7090+50.00	RT																1		IWBCD2	
7091+50.00 to 7091+50.00	LT																1		IWBCD2	
7091+50.00 to 7091+50.00	RT																1		IWBCD2	
7092+20.00 to 7092+20.00	LT																1		IWBCD2	
7092+90.00 to 7092+90.00	LT																1		IWBCD2	
7092+90.00 to 7092+90.00	RT																1		IWBCD2	
7093+90.00 to 7093+90.00	LT																1		IWBCD2	
7094+90.00 to 7094+90.00	LT																1		IWBCD2	
SUB-TOTAL:																	48.0			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-14

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	AREA ID	ARTIFICIAL COVERINGS 0104 1 SY		SEDIMENT BASIN 0104 7 EA		SEDIMENT BASIN CLEANOUT 0104 9 EA		SEDIMENT BARRIER 0104 10 3 LF		FLOATING TURBIDITY BARRIER 0104 11 LF		STAKED TURBIDITY BARRIER 0104 12 LF		SOIL TRACKING PREVENTION DEVICE 0104 15 EA		INLET PROTECTION SYSTEM 0104 18 EA		DESIGN NOTES	CONSTRUCTION REMARKS
			P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F		
7094+90.00 to 7094+90.00	RT																1		IWBCD2	
300+50.00 to 300+50.00	LT																1		RAMP IA_CFP	
301+40.00 to 301+40.00	LT																1		RAMP IA_CFP	
301+90.00 to 301+90.00	LT																1		RAMP IA_CFP	
104+90.00 to 104+90.00	LT																1		RAMP ISLIP1	
105+70.00 to 105+70.00	LT																1		RAMP ISLIP1	
106+20.00 to 106+20.00	LT																1		RAMP ISLIP1	
106+20.00 to 106+20.00	RT																1		RAMP ISLIP1	
106+70.00 to 106+70.00	LT																2		RAMP ISLIP1	
106+70.00 to 106+70.00	RT																1		RAMP ISLIP1	
108+00.00 to 108+00.00	LT																1		RAMP ISLIP1	
108+00.00 to 108+00.00	RT																1		RAMP ISLIP1	
109+00.00 to 109+00.00	LT																1		RAMP ISLIP1	
109+00.00 to 109+00.00	RT																1		RAMP ISLIP1	
110+15.00 to 110+15.00	LT																1		RAMP ISLIP1	
110+15.00 to 110+15.00	RT																1		RAMP ISLIP1	
114+00.00 to 114+00.00	LT																1		RAMP ISLIP1	
114+00.00 to 114+00.00	RT																1		RAMP ISLIP1	
690+60.00 to 690+60.00	LT																1		BL400	
692+50.00 to 692+50.00	LT																1		BL400	
693+70.00 to 693+70.00	LT																1		BL400	
694+60.00 to 694+60.00	LT																1		BL400	
696+75.00 to 696+75.00	LT																1		BL400	
699+80.00 to 699+80.00	LT																1		BL400	
302+40.00 to 302+40.00	LT																1		RAMP IA_CFP	
303+90.00 to 303+90.00	LT																1		RAMP IA_CFP	
305+25.00 to 305+25.00	LT																1		RAMP IA_CFP	
305+75.00 to 305+75.00	LT																1		RAMP IA_CFP	
306+50.00 to 306+50.00	LT																1		RAMP IA_CFP	
306+50.00 to 306+50.00	RT																1		RAMP IA_CFP	
307+00.00 to 307+00.00	LT																1		RAMP IA_CFP	
307+00.00 to 307+00.00	RT																1		RAMP IA_CFP	
307+50.00 to 307+50.00	LT																1		RAMP IA_CFP	
307+50.00 to 307+50.00	RT																1		RAMP IA_CFP	
407+90.00 to 407+90.00	LT																1		RAMP IC_CFP	
682+10.00 to 682+10.00	LT																1		BL400	
682+60.00 to 682+60.00	LT																1		BL400	
683+60.00 to 683+60.00	LT																1		BL400	
683+90.00 to 683+90.00	LT																1		BL400	
684+25.00 to 684+25.00	LT																1		BL400	
684+80.00 to 684+80.00	LT																1		BL400	
685+60.00 to 685+60.00	LT																1		BL400	
697+00.00 to 697+00.00	RT																2		BL400	
208+00.00 to 208+00.00	LT																1		RAMP ISLIP2	
208+50.00 to 208+50.00	LT																1		RAMP ISLIP2	
208+60.00 to 208+60.00	RT																1		RAMP ISLIP2	
210+35.00 to 210+35.00	LT																1		RAMP ISLIP2	
210+60.00 to 210+60.00	RT																1		RAMP ISLIP2	
SUB-TOTAL:																	50.0			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-15

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION	SIDE	AREA ID	ARTIFICIAL COVERINGS		SEDIMENT BASIN		SEDIMENT BASIN CLEANOUT		SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		STAKED TURBIDITY BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 1		0104 7		0104 9		0104 10 3		0104 11		0104 12		0104 15		0104 18			
STA. TO STA.			SY		EA		EA		LF		LF		LF		EA		EA			
			P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F		
212+50.00 to 212+50.00	LT																1		RAMP ISLIP2	
214+60.00 to 214+60.00	LT																1		RAMP ISLIP2	
570+00.00 to 570+00.00	RT																1		BL400	
571+00.00 to 571+00.00	RT																1		BL400	
572+00.00 to 572+00.00	RT																1		BL400	
574+00.00 to 574+00.00	RT																1		BL400	
575+00.00 to 575+00.00	RT																1		BL400	
576+10.00 to 576+10.00	RT																1		BL400	
577+00.00 to 577+00.00	RT																1		BL400	
578+00.00 to 578+00.00	RT																1		BL400	
579+00.00 to 579+00.00	RT																1		BL400	
580+00.00 to 580+00.00	RT																1		BL400	
620+00.00 to 620+00.00	RT																1		BL400	
621+00.00 to 621+00.00	RT																1		BL400	
622+50.00 to 622+50.00	RT																1		BL400	
624+00.00 to 624+00.00	RT																1		BL400	
625+50.00 to 625+50.00	RT																1		BL400	
626+50.00 to 626+50.00	RT																1		BL400	
627+00.00 to 627+00.00	RT																1		BL400	
627+50.00 to 627+50.00	RT																1		BL400	
628+00.00 to 628+00.00	RT																1		BL400	
628+50.00 to 628+50.00	RT																1		BL400	
630+50.00 to 630+50.00	RT																1		BL400	
631+00.00 to 631+00.00	RT																1		BL400	
632+60.00 to 632+60.00	RT																1		BL400	
636+50.00 to 636+50.00	RT																1		BL400	
640+60.00 to 640+60.00	RT																1		BL400	
643+60.00 to 643+60.00	RT																1		BL400	
647+60.00 to 647+60.00	RT																1		BL400	
649+70.00 to 649+70.00	RT																1		BL400	
658+70.00 to 658+70.00	RT																1		BL400	
659+30.00 to 659+30.00	RT																1		BL400	
660+60.00 to 660+60.00	RT																1		BL400	
661+70.00 to 661+70.00	RT																1		BL400	
662+70.00 to 662+70.00	RT																1		BL400	
664+70.00 to 664+70.00	RT																1		BL400	
665+70.00 to 665+70.00	RT																1		BL400	
666+60.00 to 666+60.00	RT																1		BL400	
667+70.00 to 667+70.00	RT																1		BL400	
668+60.00 to 668+60.00	RT																1		BL400	
669+70.00 to 669+70.00	RT																1		BL400	
670+60.00 to 670+60.00	RT																1		BL400	
499+50.00 to 499+50.00	RT																1		RAMP IB_DCP	
500+00.00 to 500+00.00	RT																1		RAMP IB_DCP	
540+00.00 to 540+00.00	RT																1		RAMP IB_DCP	
501+00.00 to 501+00.00	RT																1		RAMP IB_DCP	
SUB-TOTAL :																	46.0			

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-16

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION	SIDE	AREA ID	ARTIFICIAL COVERINGS		SEDIMENT BASIN		SEDIMENT BASIN CLEANOUT		SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		STAKED TURBIDITY BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 1		0104 7		0104 9		0104 10 3		0104 11		0104 12		0104 15		0104 18			
STA. TO STA.			SY		EA		EA		LF		LF		LF		EA		EA			
			P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F		
501+50.00 to 501+50.00	RT																1		RAMP IB_DCP	
503+10.00 to 503+10.00	RT																1		RAMP IB_DCP	
504+45.00 to 504+45.00	RT																1		RAMP IB_DCP	
404+90.00 to 404+90.00	RT																1		RAMP IB_DCP	
505+35.00 to 505+35.00	RT																1		RAMP IB_DCP	
506+10.00 to 506+10.00	LT																1		RAMP IB_DCP	
507+00.00 to 507+00.00	LT																2		RAMP IB_DCP	
507+00.00 to 507+00.00	RT																1		RAMP IB_DCP	
508+20.00 to 508+20.00	LT																1		RAMP IB_DCP	
508+50.00 to 508+50.00	LT																1		RAMP IB_DCP	
509+40.00 to 509+40.00	LT																1		RAMP IB_DCP	
509+40.00 to 509+40.00	RT																1		RAMP IB_DCP	
511+10.00 to 511+10.00	LT																2		RAMP IB_DCP	
512+80.00 to 512+80.00	LT																1		RAMP IB_DCP	
512+80.00 to 512+80.00	RT																1		RAMP IB_DCP	
513+70.00 to 513+70.00	LT																2		RAMP IB_DCP	
513+70.00 to 513+70.00	RT																1		RAMP IB_DCP	
514+10.00 to 514+10.00	LT																1		RAMP IB_DCP	
514+40.00 to 514+40.00	LT																1		RAMP IB_DCP	
514+60.00 to 514+60.00	RT																1		RAMP IB_DCP	
515+20.00 to 515+20.00	RT																1		RAMP IB_DCP	
600+75.00 to 600+75.00	LT																1		RAMP IC_DCP	
601+00.00 to 601+00.00	RT																1		RAMP IC_DCP	
601+10.00 to 601+10.00	LT																1		RAMP IC_DCP	
601+30.00 to 601+30.00	LT																1		RAMP IC_DCP	
601+10.00 to 601+10.00	LT																1		RAMP IC_DCP	
601+30.00 to 601+30.00	LT																1		RAMP IC_DCP	
601+50.00 to 601+50.00	LT																1		RAMP IC_DCP	
601+50.00 to 601+50.00	RT																1		RAMP IC_DCP	
601+60.00 to 601+60.00	LT																1		RAMP IC_DCP	
602+20.00 to 602+20.00	LT																2		RAMP IC_DCP	
602+20.00 to 602+20.00	RT																1		RAMP IC_DCP	
604+70.00 to 604+70.00	RT																1		RAMP IC_DCP	
607+50.00 to 607+50.00	RT																1		RAMP IC_DCP	
607+80.00 to 607+80.00	LT																1		RAMP IC_DCP	
608+80.00 to 608+80.00	RT																1		RAMP IC_DCP	
609+15.00 to 609+15.00	RT																1		RAMP IC_DCP	
609+25.00 to 609+25.00	LT																1		RAMP IC_DCP	
610+15.00 to 610+15.00	RT																1		RAMP IC_DCP	
611+00.00 to 611+00.00	RT																2		RAMP IC_DCP	
611+90.00 to 611+90.00	RT																1		RAMP IC_DCP	
612+25.00 to 612+25.00	LT																1		RAMP IC_DCP	
612+25.00 to 612+25.00	RT																2		RAMP IC_DCP	
613+00.00 to 613+00.00	LT																1		RAMP IC_DCP	
613+00.00 to 613+00.00	RT																2		RAMP IC_DCP	
613+90.00 to 613+90.00	RT																2		RAMP IC_DCP	
614+40.00 to 614+40.00	LT																1		RAMP IC_DCP	
615+10.00 to 615+10.00	RT																1		RAMP IC_DCP	
615+80.00 to 615+80.00	RT																1		RAMP IC_DCP	
SUB-TOTAL:																	55.0			

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-17

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION	SIDE	AREA ID	ARTIFICIAL COVERINGS		SEDIMENT BASIN		SEDIMENT BASIN CLEANOUT		SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		STAKED TURBIDITY BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.			0104 1		0104 7		0104 9		0104 10 3		0104 11		0104 12		0104 15		0104 18			
			SY		EA		EA		LF		LF		LF		EA		EA			
			P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F		
616+90.00 to 616+90.00	RT																1		RAMP IC_DCP	
617+80.00 to 617+80.00	RT																1		RAMP IC_DCP	
618+90.00 to 618+90.00	RT																1		RAMP IC_DCP	
108+60.00 to 108+60.00	LT																1		DARYL CARTER PKWY	
108+60.00 to 108+60.00	RT																1		DARYL CARTER PKWY	
115+55.00 to 115+55.00	LT																1		DARYL CARTER PKWY	
115+55.00 to 115+55.00	RT																1		DARYL CARTER PKWY	
SUB-TOTAL:																	7.0			
TOTAL:									22567		3289		810				308			

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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	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-18

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.			SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1							MOWING 0107 2							DESIGN NOTES	CONSTRUCTION REMARKS
							AREA ID	L	W	CYCLES	AREA AC/CYCLE	TOTAL (AC) P	TOTAL (AC) F	AREA ID	L	W	CYCLES	AREA AC/CYCLE	TOTAL (AC) P	TOTAL (AC) F		
0107 2 MOWING	554+65.93 R 4	to	564+95.89 R 4	RT	100	30								513509			3	0.345	1.034		SR400 (I-4)	
	557+26.29 R 4	to	644+33.28 R 4	LT/RT	100	30								508464			3	2.490	7.470		SR400 (I-4)	
	558+25.45 R 4	to	568+17.49 R 4	LT	100	30								510645			3	0.343	1.030		SR400 (I-4)	
	560+82.89 R 4	to	561+43.84 R 4	LT	100	30								510661			3	0.012	0.037		SR400 (I-4)	
	567+28.11 R 4	to	567+28.11 R 4	LT	100	30								550137			3	0.538	1.614		SR400 (I-4)	
	574+73.66 R 4	to	644+11.63 R 4	LT	100	30								603458			3	2.608	7.825		SR400 (I-4)	
	590+65.25 R 4	to	590+65.25 R 4	RT	100	30								517803			3	3.929	11.786		SR400 (I-4)	
	633+81.12 R 4	to	634+44.74 R 4	LT	100	30								476311			3	0.001	0.003		SR400 (I-4)	
	633+81.13 R 4	to	638+41.67 R 4	LT	100	30								476225			3	0.136	0.409		SR400 (I-4)	
	633+81.13 R 4	to	638+41.67 R 4	LT	100	30								598101			3	0.136	0.409		SR400 (I-4)	
	633+81.29 R 4	to	638+41.99 R 4	LT	100	30								476230			3	0.039	0.117		SR400 (I-4)	
	634+54.58 R 4	to	636+52.63 R 4	LT	100	30								598044			3	0.009	0.027		SR400 (I-4)	
	634+59.46 R 4	to	635+64.07 R 4	LT	100	30								598124			3	0.006	0.018		SR400 (I-4)	
	636+98.95 R 4	to	638+41.27 R 4	LT	100	30								598080			3	0.014	0.041		SR400 (I-4)	
	636+98.97 R 4	to	637+61.54 R 4	LT	100	30								478670			3	0.036	0.108		SR400 (I-4)	
	637+61.45 R 4	to	638+60.05 R 4	LT	100	30								478675			3	0.073	0.219		SR400 (I-4)	
	638+60.05 R 4	to	639+57.78 R 4	LT	100	30								478690			3	0.057	0.170		SR400 (I-4)	
	638+60.05 R 4	to	639+57.78 R 4	LT	100	30								478698			3	0.013	0.038		SR400 (I-4)	
	639+57.78 R 4	to	640+54.99 R 4	LT	100	30								478704			3	0.009	0.028		SR400 (I-4)	
	639+57.78 R 4	to	640+54.99 R 4	LT	100	30								478710			3	0.058	0.174		SR400 (I-4)	
	640+54.99 R 4	to	641+52.54 R 4	LT	100	30								478715			3	0.009	0.028		SR400 (I-4)	
	640+54.99 R 4	to	641+52.54 R 4	LT	100	30								478720			3	0.057	0.171		SR400 (I-4)	
	641+23.73 R 4	to	641+23.73 R 4	LT	100	30								473807			3	0.275	0.826		SR400 (I-4)	
	641+35.78 R 4	to	641+35.78 R 4	LT	100	30								473788			3	0.144	0.432		SR400 (I-4)	
	641+52.54 R 4	to	642+52.87 R 4	LT	100	30								478726			3	0.010	0.029		SR400 (I-4)	
	641+52.54 R 4	to	642+52.87 R 4	LT	100	30								478731			3	0.060	0.181		SR400 (I-4)	
	642+52.87 R 4	to	643+53.21 R 4	LT	100	30								478737			3	0.010	0.029		SR400 (I-4)	
	642+52.87 R 4	to	643+53.21 R 4	LT	100	30								478742			3	0.065	0.195		SR400 (I-4)	
	643+53.21 R 4	to	644+11.66 R 4	LT	100	30								478749			3	0.013	0.038		SR400 (I-4)	
	643+53.21 R 4	to	644+11.73 R 4	LT	100	30								478757			3	0.059	0.177		SR400 (I-4)	
	663+75.16 R 4	to	707+23.61 R 4	RT	100	30								597775			3	1.635	4.904		SR400 (I-4)	
	665+76.55 R 4	to	665+76.55 R 4	RT	100	30								541405			3	1.078	3.234		SR400 (I-4)	
	685+91.69 R 4	to	700+69.09 R 4	LT/RT	100	30								541435			3	0.439	1.317		SR400 (I-4)	
	690+16.06 R 4	to	707+68.20 R 4	RT	100	30								515251			3	1.034	3.102		SR400 (I-4)	
	700+69.09 R 4	to	705+16.17 R 4	LT/RT	100	30								515170			3	0.071	0.214		SR400 (I-4)	
	700+79.16 R 4	to	707+50.85 R 4	LT/RT	100	30								515211			3	0.096	0.287		SR400 (I-4)	
	702+85.82 R 4	to	705+14.66 R 4	LT/RT	100	30								515178			3	0.027	0.082		SR400 (I-4)	
	705+16.12 R 4	to	707+33.63 R 4	RT	100	30								515231			3	0.004	0.012		SR400 (I-4)	
	706+01.65 R 4	to	707+78.72 R 4	RT	100	30								527425			3	0.109	0.328		SR400 (I-4)	
	118+72.90	to	118+72.90	LT	100	30								550920			3	0.186	0.557		DARYL CARTER PARKWAY	
	704+08.26	to	704+08.26	RT	100	30								546176			3	0.229	0.687		RAMP D_DCP	
	706+27.91	to	706+27.91	RT	100	30								547436			3	0.440	1.321		RAMP D_DCP	
	306+00.00	to	307+00.00	LT	100	30								479714			3	0.010	0.031		RAMP IA_CFP	
	307+00.00	to	308+00.00	LT	100	30								479707			3	0.012	0.037		RAMP IA_CFP	
	308+00.00	to	309+00.00	LT	100	30								479698			3	0.019	0.056		RAMP IA_CFP	
											SUB-TOTAL:							SUB-TOTAL:				
											TOTAL:	108.50						TOTAL:	109.51			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
P.E. License No. 61806
AECOM TECHNICAL SERVICES, Inc.
150 N. Orange Avenue, Suite 200
Orlando, FL. 32801
T 407.843.6552 F 407.839.1789
www.aecom.com

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-19

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.			SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1							MOWING 0107 2						DESIGN NOTES	CONSTRUCTION REMARKS
							AREA ID	L	W	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	L	W	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	309+00.00	to	319+29.68	LT/RT	100	30								515098			3	0.255	0.765		RAMP IA_CFP	
	507+13.58	to	507+13.58	LT	100	30								521996			3	1.566	4.698		RAMP IB_DCP	
	406+92.70	to	406+92.70	RT	100	30								542824			3	1.826	5.477		RAMP IC_CFP	
	601+08.25	to	601+18.20	RT	100	30								476329			3	0.000	0.001		RAMP IC_DCP	
	609+01.34	to	612+49.75	RT	100	30								572070			3	0.036	0.107		RAMP IC_DCP	
	609+80.98	to	609+80.98	RT	100	30								527312			3	1.609	4.828		RAMP IC_DCP	
	609+87.36	to	609+87.36	LT	100	30								526046			3	1.355	4.064		RAMP IC_DCP	
	612+64.55	to	617+84.77	RT	100	30								572136			3	0.200	0.600		RAMP IC_DCP	
	7077+61.02	to	7077+61.02	RT	100	30								545887			3	1.397	4.192		RAMP IWBCD2	
	11+68.60	to	12+43.28	LT	100	30								614964			3	0.032	0.095		LATDITCH2	
	12+80.97	to	15+41.83	LT	100	30								614960			3	0.112	0.336		LATDITCH2	
	599+81.20	to	601+16.87	RT	100	30								480029			3	0.066	0.197		POND 141	
	600+98.22	to	601+98.14	RT	100	30								478031			3	0.005	0.015		POND 141	
	601+13.52	to	602+17.54	RT	100	30								478024			3	0.019	0.056		POND 141	
	601+97.47	to	602+97.78	RT	100	30								478038			3	0.004	0.013		POND 141	
	602+15.52	to	603+20.46	RT	100	30								478019			3	0.016	0.049		POND 141	
	602+97.19	to	603+97.40	RT	100	30								478043			3	0.004	0.011		POND 141	
	603+17.50	to	604+23.61	RT	100	30								478014			3	0.029	0.088		POND 141	
	603+96.79	to	604+97.03	RT	100	30								478055			3	0.010	0.031		POND 141	
	604+17.14	to	605+18.42	RT	100	30								478008			3	0.043	0.130		POND 141	
	604+94.67	to	605+96.69	RT	100	30								478048			3	0.014	0.043		POND 141	
	605+12.72	to	605+12.72	RT	100	30								473908			3	0.450	1.351		POND 141	
	605+13.14	to	605+13.14	RT	100	30								477972			3	0.261	0.782		POND 141	
	605+13.68	to	606+23.88	RT	100	30								478063			3	0.040	0.121		POND 141	
	605+93.90	to	606+97.55	RT	100	30								480016			3	0.017	0.052		POND 141	
	606+08.53	to	607+38.47	RT	100	30								478073			3	0.090	0.269		POND 141	
	606+93.07	to	610+53.90	RT	100	30								479999			3	0.141	0.424		POND 141	
	607+23.01	to	608+34.46	RT	100	30								478085			3	0.064	0.191		POND 141	
	607+48.47	to	608+00.00	RT	100	30								478209			3	0.010	0.029		POND 141	
	608+00.00	to	609+00.00	RT	100	30								478214			3	0.066	0.198		POND 141	
	608+24.52	to	609+36.12	RT	100	30								478002			3	0.052	0.156		POND 141	
	608+34.44	to	608+34.44	RT	100	30								473891			3	0.110	0.330		POND 141	
	609+00.00	to	610+00.00	LT/RT	100	30								478221			3	0.116	0.349		POND 141	
	609+31.83	to	610+44.40	RT	100	30								478237			3	0.077	0.232		POND 141	
	610+00.00	to	611+00.00	LT/RT	100	30								478230			3	0.028	0.085		POND 141	
	610+13.15	to	646+56.27	LT	100	30								478133			3	0.271	0.813		POND 141	
	610+39.22	to	611+00.00	RT	100	30								478246			3	0.068	0.203		POND 141	
	610+51.01	to	611+90.66	RT	100	30								479991			3	0.041	0.122		POND 141	
	611+00.00	to	612+00.00	LT/RT	100	30								478256			3	0.019	0.056		POND 141	
	611+00.00	to	612+00.00	RT	100	30								478262			3	0.084	0.251		POND 141	
	611+80.86	to	613+24.45	RT	100	30								479982			3	0.042	0.125		POND 141	
	612+00.00	to	613+00.00	LT/RT	100	30								478269			3	0.053	0.160		POND 141	
	612+00.00	to	613+00.00	RT	100	30								478274			3	0.014	0.041		POND 141	
	612+36.58	to	612+36.58	RT	100	30								478171			3	0.177	0.532		POND 141	
	612+36.58	to	612+36.58	RT	100	30								478190			3	0.302	0.906		POND 141	
	613+00.00	to	614+00.00	LT/RT	100	30								478279			3	0.029	0.087		POND 141	
	613+00.00	to	614+00.00	RT	100	30								478285			3	0.079	0.236		POND 141	
	613+08.23	to	614+49.12	RT	100	30								479973			3	0.041	0.123		POND 141	
										SUB-TOTAL:							SUB-TOTAL:	34.02				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
P.E. License No. 61806
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-20

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1 AREA ID	L	W	CYCLES	AREA AC/CYCLE	TOTAL (AC) P	TOTAL (AC) F	MOWING 0107 2 AREA ID	L	W	CYCLES	AREA AC/CYCLE	TOTAL (AC) P	TOTAL (AC) F	DESIGN NOTES	CONSTRUCTION REMARKS
	614+00.00 to 615+00.00	LT/RT	100	30								478291			3	0.243	0.730		POND 141	
	614+32.59 to 615+43.08	RT	100	30								479964			3	0.042	0.126		POND 141	
	615+00.00 to 616+00.00	LT/RT	100	30								478303			3	0.086	0.258		POND 141	
	615+00.00 to 616+00.00	RT	100	30								478312			3	0.015	0.045		POND 141	
	615+24.91 to 616+32.15	RT	100	30								479955			3	0.041	0.124		POND 141	
	615+99.92 to 617+00.00	RT	100	30								478326			3	0.006	0.018		POND 141	
	616+00.00 to 617+00.00	LT	100	30								478319			3	0.004	0.013		POND 141	
	616+16.36 to 616+94.05	RT	100	30								479948			3	0.032	0.095		POND 141	
	616+79.23 to 617+75.36	RT	100	30								479940			3	0.040	0.119		POND 141	
	617+00.00 to 618+00.00	LT/RT	100	30								478332			3	0.020	0.059		POND 141	
	617+00.00 to 618+00.00	RT	100	30								478337			3	0.018	0.055		POND 141	
	617+62.64 to 618+58.66	RT	100	30								479932			3	0.039	0.116		POND 141	
	617+84.58 to 617+84.58	RT	100	30								477717			3	0.358	1.073		POND 141	
	617+84.58 to 617+84.58	RT	100	30								477741			3	0.207	0.621		POND 141	
	618+00.00 to 619+00.00	LT/RT	100	30								478342			3	0.022	0.066		POND 141	
	618+00.00 to 619+00.00	RT	100	30								478347			3	0.029	0.087		POND 141	
	618+47.91 to 619+43.70	RT	100	30								479924			3	0.038	0.115		POND 141	
	619+00.00 to 619+63.99	LT	100	30								478353			3	0.006	0.017		POND 141	
	619+00.00 to 620+00.00	RT	100	30								478358			3	0.023	0.069		POND 141	
	619+34.86 to 620+30.22	RT	100	30								479917			3	0.038	0.115		POND 141	
	620+00.00 to 621+00.00	RT	100	30								478367			3	0.006	0.019		POND 141	
	620+23.27 to 621+17.91	RT	100	30								479909			3	0.038	0.115		POND 141	
	620+30.65 to 621+00.00	LT/RT	100	30								478363			3	0.011	0.033		POND 141	
	621+00.00 to 622+00.00	LT/RT	100	30								478377			3	0.194	0.582		POND 141	
	621+13.05 to 625+96.17	RT	100	30								479892			3	0.196	0.589		POND 141	
	622+00.00 to 623+00.00	LT/RT	100	30								478386			3	0.089	0.266		POND 141	
	622+82.97 to 622+85.24	RT	100	30								477771			3	0.000	0.001		POND 141	
	623+00.00 to 624+00.00	LT/RT	100	30								478399			3	0.021	0.063		POND 141	
	623+00.00 to 624+00.00	RT	100	30								478405			3	0.007	0.021		POND 141	
	624+00.00 to 624+56.64	LT	100	30								478410			3	0.002	0.006		POND 141	
	624+00.00 to 625+00.00	RT	100	30								478414			3	0.013	0.039		POND 141	
	625+00.00 to 626+00.00	RT	100	30								478425			3	0.017	0.050		POND 141	
	625+34.02 to 626+00.00	LT	100	30								478421			3	0.003	0.008		POND 141	
	625+95.96 to 626+96.18	RT	100	30								479884			3	0.040	0.121		POND 141	
	626+00.00 to 627+00.00	LT/RT	100	30								478430			3	0.017	0.052		POND 141	
	626+00.00 to 627+00.00	RT	100	30								478437			3	0.004	0.013		POND 141	
	626+95.98 to 627+96.19	RT	100	30								479875			3	0.040	0.121		POND 141	
	627+00.00 to 628+00.00	LT/RT	100	30								478443			3	0.015	0.044		POND 141	
	627+00.00 to 628+00.00	RT	100	30								478449			3	0.003	0.009		POND 141	
	627+40.02 to 627+40.02	RT	100	30								477780			3	0.480	1.440		POND 141	
	627+40.02 to 627+40.02	RT	100	30								477815			3	0.273	0.818		POND 141	
	627+95.98 to 628+96.19	RT	100	30								479867			3	0.040	0.121		POND 141	
	628+00.00 to 628+39.52	LT	100	30								478455			3	0.001	0.003		POND 141	
	628+00.00 to 629+00.00	RT	100	30								478459			3	0.020	0.059		POND 141	
	628+95.99 to 629+88.66	RT	100	30								479859			3	0.040	0.121		POND 141	
	629+00.00 to 630+00.00	RT	100	30								478469			3	0.023	0.068		POND 141	
	629+80.26 to 630+00.00	LT	100	30								478465			3	0.000	0.001		POND 141	
	629+87.22 to 630+88.61	RT	100	30								479851			3	0.040	0.120		POND 141	
									SUB-TOTAL:	0.00	0.00					SUB-TOTAL:	8.82	0.00		

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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	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-21

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1							MOWING 0107 2							DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	L	W	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	L	W	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	630+00.00 to 631+00.00	LT	100	30								478475			3	0.010	0.031		POND 141	
	630+00.00 to 631+00.00	RT	100	30								478481			3	0.008	0.024		POND 141	
	630+87.18 to 631+88.56	RT	100	30								479843			3	0.040	0.119		POND 141	
	631+00.00 to 632+00.00	LT	100	30								478486			3	0.009	0.026		POND 141	
	631+00.00 to 632+00.00	RT	100	30								478492			3	0.029	0.088		POND 141	
	631+87.15 to 632+88.51	RT	100	30								479835			3	0.039	0.118		POND 141	
	632+00.00 to 633+00.00	LT/RT	100	30								478497			3	0.129	0.387		POND 141	
	632+87.11 to 633+88.47	RT	100	30								479827			3	0.039	0.117		POND 141	
	633+00.00 to 634+00.00	LT/RT	100	30								478507			3	0.095	0.285		POND 141	
	633+87.07 to 634+88.42	RT	100	30								479819			3	0.039	0.116		POND 141	
	634+00.00 to 635+00.00	LT/RT	100	30								478517			3	0.016	0.047		POND 141	
	634+00.00 to 635+00.00	RT	100	30								478522			3	0.003	0.009		POND 141	
	634+87.03 to 635+88.37	RT	100	30								479811			3	0.038	0.115		POND 141	
	635+00.00 to 636+00.00	LT/RT	100	30								478527			3	0.021	0.062		POND 141	
	635+00.00 to 636+00.00	RT	100	30								478534			3	0.003	0.009		POND 141	
	635+37.53 to 635+37.53	RT	100	30								473935			3	0.232	0.697		POND 141	
	635+37.54 to 635+37.54	RT	100	30								477848			3	0.140	0.420		POND 141	
	635+86.99 to 636+88.38	RT	100	30								479803			3	0.039	0.117		POND 141	
	636+00.00 to 637+00.00	LT/RT	100	30								478540			3	0.011	0.033		POND 141	
	636+00.00 to 637+00.00	RT	100	30								478546			3	0.004	0.012		POND 141	
	636+86.96 to 637+88.39	RT	100	30								479795			3	0.040	0.121		POND 141	
	637+00.00 to 638+00.00	LT/RT	100	30								478552			3	0.135	0.404		POND 141	
	637+17.27 to 638+97.76	LT	100	30								605671			3	0.338	1.015		POND 141	
	637+86.92 to 638+88.39	RT	100	30								479787			3	0.042	0.125		POND 141	
	638+00.00 to 639+00.00	LT/RT	100	30								478564			3	0.047	0.141		POND 141	
	638+00.00 to 639+00.00	RT	100	30								478571			3	0.011	0.034		POND 141	
	638+86.88 to 639+88.40	RT	100	30								479779			3	0.043	0.128		POND 141	
	639+00.00 to 640+00.00	LT	100	30								478578			3	0.008	0.025		POND 141	
	639+00.00 to 640+00.00	RT	100	30								478583			3	0.010	0.029		POND 141	
	639+86.84 to 640+87.78	RT	100	30								479771			3	0.044	0.132		POND 141	
	640+00.00 to 641+00.00	LT/RT	100	30								478589			3	0.017	0.051		POND 141	
	640+00.00 to 641+00.00	RT	100	30								478596			3	0.020	0.059		POND 141	
	640+86.12 to 641+83.81	RT	100	30								479763			3	0.046	0.137		POND 141	
	641+00.00 to 642+00.00	LT/RT	100	30								478602			3	0.016	0.047		POND 141	
	641+00.00 to 642+00.00	RT	100	30								478608			3	0.031	0.092		POND 141	
	641+81.91 to 642+78.90	RT	100	30								479756			3	0.046	0.139		POND 141	
	641+88.68 to 641+88.68	RT	100	30								474029			3	0.387	1.161		POND 141	
	641+94.21 to 641+94.21	RT	100	30								477871			3	0.223	0.669		POND 141	
	642+00.00 to 643+00.00	LT/RT	100	30								478614			3	0.012	0.036		POND 141	
	642+00.00 to 643+00.00	RT	100	30								478620			3	0.035	0.105		POND 141	
	642+76.76 to 643+73.89	RT	100	30								479747			3	0.047	0.142		POND 141	
	643+00.00 to 644+00.00	LT/RT	100	30								478627			3	0.033	0.099		POND 141	
	643+00.00 to 644+00.00	RT	100	30								478632			3	0.008	0.025		POND 141	
	643+71.55 to 644+68.74	RT	100	30								479740			3	0.046	0.139		POND 141	
	644+00.00 to 645+00.00	RT	100	30								478637			3	0.013	0.040		POND 141	
	644+00.00 to 644+56.87	LT/RT	100	30								478642			3	0.006	0.017		POND 141	
	644+66.32 to 645+63.50	RT	100	30								479731			3	0.044	0.132		POND 141	
	645+00.00 to 646+00.00	LT/RT	100	30								478647			3	0.104	0.313		POND 141	
	645+61.03 to 646+57.26	RT	100	30								479722			3	0.041	0.123		POND 141	
	646+00.00 to 646+57.19	LT/RT	100	30								478654			3	0.140	0.419		POND 141	
								SUB-TOTAL:		0.00	0.00				SUB-TOTAL:		8.93	0.00		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-22

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1							MOWING 0107 2							DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	L	W	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	L	W	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	1004+67.48 to 1004+67.48	RT	100	30								509783			3	0.145	0.435		POND 142	
	1011+21.82 to 1011+21.82	RT	100	30								473958			3	0.794	2.381		POND 142	
	1011+21.84 to 1011+21.84	RT	100	30								509294			3	0.305	0.914		POND 142	
	1011+82.03 to 1011+82.03	RT	100	30								509250			3	0.878	2.634		POND 142	
	148+81.93 to 151+84.33	LT	100	30								614967			3	0.179	0.536		TURKEY LAKE ROAD	
0107 1 LITTER REMOVAL	554+65.93 R 4 to 564+95.89 R 4	RT	100	30	610508			3	0.345	1.034									SR 400 (I-4)	
	557+26.29 R 4 to 644+33.28 R 4	LT/RT	100	30	610672			3	2.490	7.470									SR 400 (I-4)	
	558+25.45 R 4 to 568+17.49 R 4	LT	100	30	611119			3	0.343	1.030									SR 400 (I-4)	
	560+82.89 R 4 to 561+43.84 R 4	LT	100	30	611131			3	0.012	0.037									SR 400 (I-4)	
	567+28.11 R 4 to 567+28.11 R 4	LT	100	30	610524			3	0.538	1.614									SR 400 (I-4)	
	574+73.66 R 4 to 644+11.63 R 4	LT	100	30	611201			3	2.608	7.825									SR 400 (I-4)	
	584+98.03 R 4 to 584+98.03 R 4	RT	100	30	614698			3	3.360	10.081									SR 400 (I-4)	
	619+59.74 R 4 to 620+00.00 R 4	RT	100	30	501595			3	0.019	0.056									SR 400 (EB I-4)	
	620+00.00 R 4 to 621+00.00 R 4	RT	100	30	501610			3	0.041	0.123									SR 400 (EB I-4)	
	621+00.00 R 4 to 622+00.00 R 4	RT	100	30	501688			3	0.038	0.114									SR 400 (EB I-4)	
	622+00.00 R 4 to 623+00.00 R 4	RT	100	30	501695			3	0.035	0.105									SR 400 (EB I-4)	
	623+00.00 R 4 to 624+00.00 R 4	RT	100	30	501703			3	0.048	0.143									SR 400 (EB I-4)	
	624+00.00 R 4 to 625+00.00 R 4	RT	100	30	501712			3	0.058	0.173									SR400 (EB I-4)	
	625+00.00 R 4 to 625+98.80 R 4	RT	100	30	501719			3	0.056	0.167									SR 400 (EB I-4)	
	625+93.52 R 4 to 626+52.24 R 4	RT	100	30	501726			3	0.031	0.093									SR 400 (EB I-4)	
	626+46.96 R 4 to 627+52.02 R 4	RT	100	30	501733			3	0.055	0.166									SR 400 (EB I-4)	
	627+47.20 R 4 to 628+51.77 R 4	RT	100	30	501742			3	0.050	0.150									SR 400 (EB I-4)	
	628+47.45 R 4 to 629+51.45 R 4	RT	100	30	501749			3	0.045	0.134									SR 400 (EB I-4)	
	629+77.02 R 4 to 634+79.49 R 4	RT	100	30	497879			3	0.050	0.150									SR 400 (EB I-4)	
	633+81.12 R 4 to 634+44.74 R 4	LT	100	30	499110			3	0.001	0.003									SR 400 (I-4)	
	633+81.13 R 4 to 638+41.67 R 4	LT	100	30	607171			3	0.136	0.409									SR 400 (I-4)	
	633+81.29 R 4 to 638+41.99 R 4	LT	100	30	499029			3	0.039	0.117									SR 400 (I-4)	
	634+54.58 R 4 to 636+52.63 R 4	LT	100	30	607192			3	0.009	0.027									SR400 (I-4)	
	634+59.46 R 4 to 635+64.07 R 4	LT	100	30	607217			3	0.006	0.018									SR400 (I-4)	
	636+98.95 R 4 to 638+41.27 R 4	LT	100	30	607181			3	0.014	0.041									SR400 (I-4)	
	636+98.97 R 4 to 637+61.54 R 4	LT	100	30	607176			3	0.036	0.108									SR400 (I-4)	
	637+61.45 R 4 to 638+60.05 R 4	LT	100	30	501388			3	0.073	0.219									SR 400 (I-4)	
	638+60.05 R 4 to 639+57.78 R 4	LT	100	30	501403			3	0.057	0.170									SR 400 (I-4)	
	638+60.05 R 4 to 639+57.78 R 4	LT	100	30	501411			3	0.013	0.038									SR 400 (I-4)	
	639+57.78 R 4 to 640+54.99 R 4	LT	100	30	501417			3	0.009	0.028									SR 400 (I-4)	
	639+57.78 R 4 to 640+54.99 R 4	LT	100	30	501423			3	0.058	0.174									SR 400 (I-4)	
	640+54.99 R 4 to 641+52.54 R 4	LT	100	30	501428			3	0.009	0.028									SR 400 (I-4)	
	640+54.99 R 4 to 641+52.54 R 4	LT	100	30	501433			3	0.057	0.171									SR 400 (I-4)	
	641+23.73 R 4 to 641+23.73 R 4	LT	100	30	496613			3	0.275	0.826									SR 400 (I-4) (POND 140B1)	
	641+35.78 R 4 to 641+35.78 R 4	LT	100	30	496594			3	0.144	0.432									SR 400 (I-4) (POND 140B1)	
	641+52.54 R 4 to 642+52.87 R 4	LT	100	30	501439			3	0.010	0.029									SR 400 (I-4)	
	641+52.54 R 4 to 642+52.87 R 4	LT	100	30	501444			3	0.060	0.181									SR 400 (I-4)	
	642+52.87 R 4 to 643+53.21 R 4	LT	100	30	501450			3	0.010	0.029									SR 400 (I-4)	
	642+52.87 R 4 to 643+53.21 R 4	LT	100	30	501455			3	0.065	0.195									SR 400 (I-4)	
	643+53.21 R 4 to 644+11.66 R 4	LT	100	30	501462			3	0.013	0.038									SR 400 (I-4)	
	643+53.21 R 4 to 644+11.73 R 4	LT	100	30	501470			3	0.059	0.177									SR 400 (I-4)	
	663+75.16 R 4 to 707+23.61 R 4	RT	100	30	607222			3	1.635	4.904									SR400 (EB I-4)	
	665+76.55 R 4 to 665+76.55 R 4	RT	100	30	613408			3	1.078	3.234									SR 400 (I-4)	
								SUB-TOTAL:		42.26	0.00				SUB-TOTAL:		6.90	0.00		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
P.E. License No. 61806
AECOM TECHNICAL SERVICES, Inc.
150 N. Orange Avenue, Suite 200
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-23

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1							MOWING 0107 2							DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	L	W	CYCLES	AREA AC/ CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	L	W	CYCLES	AREA AC/ CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	685+91.69 R 4 to 700+69.09 R 4	LT/RT	100	30	611167			3	0.439	1.317									SR 400 (I-4)	
	690+16.06 R 4 to 707+68.20 R 4	RT	100	30	611173			3	1.034	3.102									SR400 (EB I-4)	
	706+01.65 R 4 to 707+78.72 R 4	RT	100	30	613396			3	0.109	0.328									SR400 (EB I-4)	
	118+72.90 to 118+72.90	LT	100	30	510404			3	0.186	0.557									DARYL CARTER PKWY	
	700+92.71 to 702+09.01	RT	100	30	500297			3	0.057	0.170									RAMP D_DCP	
	702+00.00 to 703+00.00	RT	100	30	500314			3	0.018	0.055									RAMP D_DCP	
	702+07.72 to 703+08.87	RT	100	30	500321			3	0.010	0.031									RAMP ISLIP1	
	703+00.00 to 704+00.00	RT	100	30	500332			3	0.018	0.055									RAMP D_DCP	
	703+07.35 to 704+09.05	RT	100	30	500326			3	0.011	0.033									RAMP ISLIP1	
	704+00.00 to 705+00.00	RT	100	30	500337			3	0.018	0.055									RAMP D_DCP	
	704+07.45 to 705+08.63	RT	100	30	500342			3	0.007	0.022									RAMP ISLIP1	
	704+19.04 to 704+19.04	RT	100	30	496667			3	0.229	0.687									RAMP D_DCP (POND 140B2)	
	704+24.30 to 704+24.30	RT	100	30	496632			3	0.092	0.275									SR 400 (I-4) (POND 140B2)	
	705+00.00 to 706+00.00	RT	100	30	500352			3	0.018	0.055									RAMP D_DCP	
	705+07.99 to 706+07.92	RT	100	30	500363			3	0.004	0.011									RAMP ISLIP1	
	706+00.00 to 707+00.00	RT	100	30	500374			3	0.018	0.055									RAMP D_DCP	
	706+07.24 to 707+07.00	RT	100	30	500368			3	0.004	0.012									RAMP ISLIP1	
	707+00.00 to 707+84.07	RT	100	30	500380			3	0.011	0.033									RAMP ISLIP1	
	707+23.76 to 711+28.08	RT	100	30	500400			3	0.045	0.135									RAMP ISLIP1	
	707+54.75 to 708+05.49	RT	100	30	500396			3	0.002	0.006									RAMP ISLIP1	
	708+04.58 to 709+03.04	RT	100	30	502806			3	0.006	0.017									RAMP ISLIP1	
	709+02.55 to 710+01.50	RT	100	30	502794			3	0.003	0.008									RAMP ISLIP1	
	709+55.41 to 709+55.41	RT	100	30	502733			3	0.088	0.263									RAMP D_DCP	
	710+00.87 to 711+00.34	RT	100	30	502785			3	0.006	0.019									RAMP D_DCP	
	711+00.00 to 711+51.26	RT	100	30	500432			3	0.003	0.010									RAMP ISLIP1	
	306+00.00 to 307+00.00	LT	100	30	578958			3	0.010	0.031									RAMP IA_CFP	
	307+00.00 to 308+00.00	LT	100	30	578951			3	0.012	0.037									RAMP IA_CFP	
	308+00.00 to 309+00.00	LT	100	30	578942			3	0.019	0.056									RAMP IA_CFP	
	309+00.00 to 319+29.68	LT/RT	100	30	578932			3	0.255	0.765									RAMP IA_CFP	
	500+00.00 to 501+00.00	RT	100	30	501757			3	0.039	0.116									SR 400 (EB I-4)	
	501+00.00 to 502+00.00	RT	100	30	501764			3	0.031	0.093									SR 400 (EB I-4)	
	502+00.00 to 503+00.00	RT	100	30	501771			3	0.024	0.071									RAMP IB_DCP	
	502+09.79 to 502+09.79	LT	100	30	503583			3	0.034	0.101									SR 400 (EB I-4)	
	503+00.00 to 504+00.00	RT	100	30	501781			3	0.020	0.059									RAMP IB_DCP	
	503+15.28 to 514+61.41	LT	100	30	497986			3	0.141	0.424									SR 400 (EB I-4)	
	503+16.66 to 514+62.70	LT	100	30	497978			3	0.140	0.419									SR 400 (EB I-4)	
	504+00.00 to 505+00.00	RT	100	30	501794			3	0.018	0.053									RAMP IB_DCP	
	505+00.00 to 506+00.00	RT	100	30	501808			3	0.018	0.053									RAMP IB_DCP	
	506+00.00 to 507+00.00	RT	100	30	501815			3	0.014	0.042									RAMP IB_DCP	
	507+00.00 to 508+00.00	RT	100	30	501822			3	0.013	0.039									RAMP IB_DCP	
	507+72.68 to 507+72.68	LT	100	30	503309			3	0.542	1.626									SR 400 (EB I-4)	
	508+00.00 to 509+00.00	RT	100	30	501828			3	0.012	0.035									RAMP IB_DCP	
	509+00.00 to 510+00.00	RT	100	30	501833			3	0.011	0.034									RAMP IB_DCP	
	509+31.90 to 509+31.90	LT	100	30	503266			3	0.238	0.715									RAMP IB_DCP	
	510+00.00 to 511+00.00	RT	100	30	501839			3	0.012	0.036									RAMP IB_DCP	
	510+87.06 to 510+87.06	LT	100	30	503144			3	0.076	0.228									RAMP IB_DCP	
	511+00.00 to 512+00.00	RT	100	30	501847			3	0.021	0.063									RAMP IB_DCP	
	512+00.00 to 513+00.00	RT	100	30	501855			3	0.026	0.079									RAMP IB_DCP	
								SUB-TOTAL:		12.49	0.00				SUB-TOTAL:		0.00	0.00		

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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	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-24

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1							MOWING 0107 2							DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	L	W	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	AREA ID	L	W	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F		
	513+00.00 to 514+00.00	RT	100	30	501863			3	0.025	0.074									RAMP IB_DCP	
	514+00.00 to 514+80.91	RT	100	30	501871			3	0.016	0.048									RAMP IB_DCP	
	400+00.00 to 409+43.06	LT/RT	100	30	578967			3	1.826	5.477									SR 400 (I-4)	
	600+92.65 to 602+00.00	LT	100	30	499286			3	0.014	0.042									SR 400 (I-4)	
	600+97.60 to 601+29.49	LT	100	30	499015			3	0.003	0.009									SR 400 (I-4)	
	600+99.39 to 610+49.26	LT	100	30	499266			3	0.110	0.329									SR 400 (I-4)	
	601+07.27 to 604+32.00	LT	100	30	498827			3	0.071	0.212									SR 400 (I-4)	
	601+08.25 to 601+18.20	RT	100	30	499120			3	0.000	0.001									RAMP IC_DCP	
	601+08.32 to 612+91.06	LT	100	30	498444			3	0.734	2.201									SR 400 (EB I-4)	
	601+08.93 to 612+91.57	LT	100	30	498568			3	0.114	0.342									SR 400 (EB I-4)	
	601+17.13 to 604+44.12	RT	100	30	498823			3	0.019	0.057									RAMP IC_DCP	
	601+26.62 to 604+32.00	LT	100	30	498961			3	0.018	0.054									SR 400 (I-4)	
	601+45.74 to 603+98.22	LT	100	30	498923			3	0.021	0.063									SR 400 (I-4)	
	602+00.00 to 603+00.00	LT	100	30	499296			3	0.007	0.022									SR 400 (I-4)	
	603+00.00 to 604+00.00	LT	100	30	499302			3	0.007	0.022									SR 400 (I-4)	
	603+02.90 to 603+02.90	RT	100	30	499130			3	0.401	1.203									RAMP IC_DCP	
	604+00.00 to 605+00.00	LT	100	30	499307			3	0.016	0.048									SR 400 (I-4)	
	605+00.00 to 606+00.00	RT	100	30	499124			3	0.019	0.056									RAMP IC_DCP	
	605+00.00 to 606+00.00	LT	100	30	499316			3	0.021	0.064									SR 400 (I-4)	
	606+00.00 to 607+01.11	RT	100	30	499261			3	0.032	0.097									RAMP IC_DCP	
	606+00.00 to 607+01.11	LT	100	30	499324			3	0.021	0.064									SR 400 (I-4)	
	607+01.11 to 608+02.81	LT	100	30	499329			3	0.013	0.039									SR 400 (I-4)	
	607+01.11 to 608+02.81	RT	100	30	499334			3	0.047	0.142									SR 400 (I-4)	
	608+02.81 to 609+05.21	RT	100	30	499352			3	0.063	0.190									RAMP IC_DCP	
	608+02.81 to 609+05.21	LT	100	30	499358			3	0.007	0.020									SR 400 (I-4)	
	609+01.34 to 612+49.75	RT	100	30	573877			3	0.036	0.107									SR 400 (I-4) (POND C)	
	609+05.21 to 610+07.37	RT	100	30	499339			3	0.051	0.153									RAMP IC_DCP	
	609+05.21 to 610+07.37	LT	100	30	499346			3	0.007	0.020									SR 400 (I-4)	
	609+46.78 to 617+01.40	RT	100	30	496885			3	0.146	0.437									SR 400 (I-4) (POND C)	
	610+07.37 to 611+08.34	RT	100	30	499363			3	0.057	0.172									RAMP IC_DCP	
	610+07.37 to 611+08.34	LT	100	30	499382			3	0.013	0.038									SR 400 (I-4)	
	611+08.34 to 612+05.80	RT	100	30	499369			3	0.059	0.177									RAMP IC_DCP	
	611+08.34 to 612+05.80	LT	100	30	499395			3	0.013	0.039									SR 400 (I-4)	
	612+05.80 to 613+07.47	RT	100	30	499376			3	0.063	0.189									RAMP IC_DCP	
	612+05.80 to 613+07.47	LT	100	30	499408			3	0.013	0.040									SR 400 (I-4)	
	612+64.55 to 617+84.77	RT	100	30	573750			3	0.200	0.600									SR 400 (I-4) (POND C)	
	612+84.32 to 613+11.70	LT	100	30	502997			3	0.005	0.015									SR 400 (I-4)	
	613+05.48 to 613+05.48	RT	100	30	496858			3	0.289	0.866									SR 400 (I-4) (POND C)	
	613+07.47 to 614+11.89	LT	100	30	503040			3	0.036	0.107									SR 400 (I-4)	
	613+07.47 to 614+08.68	RT	100	30	501885			3	0.064	0.191									RAMP IC_DCP	
	614+08.68 to 615+10.10	RT	100	30	501894			3	0.062	0.186									RAMP IC_DCP	
	614+08.68 to 615+10.10	RT	100	30	501902			3	0.002	0.005									RAMP IC_DCP	
	614+59.54 to 614+59.54	LT	100	30	503012			3	0.030	0.089									SR 400 (I-4)	
	615+10.10 to 616+11.83	RT	100	30	501909			3	0.002	0.005									RAMP IC_DCP	
	615+10.10 to 616+11.83	RT	100	30	501914			3	0.063	0.188									RAMP IC_DCP	
	615+10.10 to 616+13.35	LT	100	30	503065			3	0.024	0.072									SR 400 (I-4)	
	616+11.83 to 616+91.79	LT	100	30	503085			3	0.014	0.042									SR 400 (I-4)	
	616+11.83 to 616+90.80	RT	100	30	499426			3	0.048	0.143									RAMP IC_DCP	
								SUB-TOTAL:		14.76	0.00				SUB-TOTAL:		0.00	0.00		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-25

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1							MOWING 0107 2							DESIGN NOTES	CONSTRUCTION REMARKS
									AREA							AREA				
	STA. TO STA.				AREA ID	L	W	CYCLES	AC/ CYCLE	TOTAL (AC) P	TOTAL (AC) F	AREA ID	L	W	CYCLES	AC/ CYCLE	TOTAL (AC) P	TOTAL (AC) F		
	616+11.83 to 616+90.80	RT	100	30	501921			3	0.001	0.004									RAMP IC_DCP	
	616+90.80 to 617+90.56	LT	100	30	503100			3	0.012	0.036									SR 400 (I-4)	
	617+40.56 to 617+40.56	RT	100	30	503603			3	0.061	0.183									RAMP IC_DCP	
	617+90.29 to 618+90.82	RT	100	30	499438			3	0.060	0.179									RAMP IC_DCP	
	617+90.29 to 618+90.82	RT	100	30	501926			3	0.002	0.005									RAMP IC_DCP	
	618+61.53 to 618+61.53	LT	100	30	503116			3	0.012	0.035									SR 400 (I-4)	
	7060+28.53 to 7062+13.99	LT/RT	100	30	502817			3	0.009	0.027									SR 400 (I-4)	
	7062+13.32 to 7063+15.62	LT/RT	100	30	501483			3	0.012	0.037									SR 400 (I-4)	
	7063+14.44 to 7064+16.90	LT/RT	100	30	501488			3	0.018	0.053									SR 400 (I-4)	
	7064+15.14 to 7065+16.58	LT/RT	100	30	501493			3	0.022	0.067									SR 400 (I-4)	
	7065+12.58 to 7066+16.32	LT/RT	100	30	502823			3	0.016	0.049									SR 400 (I-4)	
	7066+14.36 to 7067+18.31	RT	100	30	502831			3	0.018	0.054									SR 400 (I-4)	
	7067+16.11 to 7068+19.92	RT	100	30	502837			3	0.024	0.073									SR 400 (I-4)	
	7068+18.19 to 7069+21.25	RT	100	30	502842			3	0.030	0.091									SR 400 (I-4)	
	7069+20.52 to 7070+00.00	RT	100	30	502847			3	0.018	0.054									SR 400 (I-4)	
	7069+27.50 to 7090+31.56	RT	100	30	502855			3	0.111	0.332									SR 400 (I-4)	
	7069+27.69 to 7090+31.61	RT	100	30	498096			3	0.182	0.546									SR 400 (I-4)	
	7069+28.02 to 7090+31.65	RT	100	30	498438			3	0.116	0.349									SR 400 (I-4)	
	7070+00.00 to 7071+00.00	RT	100	30	501500			3	0.026	0.077									SR 400 (I-4)	
	7071+00.00 to 7072+00.00	RT	100	30	501505			3	0.030	0.089									SR 400 (I-4)	
	7072+00.00 to 7073+00.00	RT	100	30	501510			3	0.033	0.100									SR 400 (I-4)	
	7073+00.00 to 7074+00.00	RT	100	30	501516			3	0.037	0.110									SR 400 (I-4)	
	7074+00.00 to 7075+00.00	RT	100	30	501522			3	0.039	0.118									SR 400 (I-4)	
	7075+00.00 to 7080+00.00	RT	100	30	501528			3	0.220	0.661									SR 400 (I-4)	
	7080+00.00 to 7081+00.00	RT	100	30	501542			3	0.046	0.138									SR 400 (I-4)	
	7081+00.00 to 7082+00.00	RT	100	30	501547			3	0.046	0.139									SR 400 (I-4)	
	7082+00.00 to 7083+00.00	RT	100	30	501552			3	0.046	0.138									SR 400 (I-4)	
	7083+00.00 to 7084+00.00	RT	100	30	501558			3	0.044	0.132									SR 400 (I-4)	
	7084+00.00 to 7085+00.00	RT	100	30	501564			3	0.041	0.123									SR 400 (I-4)	
	7085+00.00 to 7086+00.00	RT	100	30	501569			3	0.037	0.111									SR 400 (I-4)	
	7086+00.00 to 7087+00.00	RT	100	30	501574			3	0.032	0.096									SR 400 (I-4)	
	7087+00.00 to 7088+00.00	RT	100	30	501580			3	0.027	0.080									SR 400 (I-4)	
	7088+00.00 to 7089+00.00	RT	100	30	501588			3	0.021	0.064									SR 400 (I-4)	
	7089+00.00 to 7090+00.00	RT	100	30	502353			3	0.016	0.047									SR 400 (I-4)	
	7090+00.00 to 7091+00.00	RT	100	30	502938			3	0.022	0.066									SR 400 (I-4)	
	7090+99.97 to 7092+00.00	RT	100	30	502951			3	0.021	0.063									SR 400 (I-4)	
	7091+99.97 to 7093+00.00	RT	100	30	502966			3	0.019	0.058									SR 400 (I-4)	
	7092+99.98 to 7094+00.00	RT	100	30	502978			3	0.012	0.035									SR 400 (I-4)	
	7093+99.99 to 7094+90.66	RT	100	30	502987			3	0.004	0.012									SR 400 (I-4)	
	11+68.60 to 12+43.28	LT	100	30	614926			3	0.032	0.095									LATDITCH2	
	12+80.97 to 15+41.83	LT	100	30	614922			3	0.112	0.336									LATDITCH2	
	599+81.20 to 601+16.87	RT	100	30	502717			3	0.066	0.197									RAMP D_DCP POND 140 B3	
	600+98.22 to 601+98.14	RT	100	30	500744			3	0.005	0.015									RAMP D_DCP POND 140 B3	
	601+13.52 to 602+17.54	RT	100	30	500737			3	0.019	0.056									RAMP D_DCP POND 140 B3	
	601+97.47 to 602+97.78	RT	100	30	500751			3	0.004	0.013									RAMP D_DCP POND 140 B3	
	602+15.52 to 603+20.46	RT	100	30	500732			3	0.016	0.049									RAMP D_DCP POND 140 B3	
	602+97.19 to 603+97.40	RT	100	30	500756			3	0.004	0.011									RAMP D_DCP POND 140 B3	
	603+17.50 to 604+23.61	RT	100	30	500727			3	0.029	0.088									RAMP D_DCP POND 140 B3	
								SUB-TOTAL:		5.49	0.00				SUB-TOTAL:		0.00	0.00		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
P.E. License No. 61806
AECOM TECHNICAL SERVICES, Inc.
150 N. 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	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-26

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1 AREA ID	L	W	CYCLES	AREA AC/CYCLE	TOTAL (AC) P	TOTAL (AC) F	MOWING 0107 2 AREA ID	L	W	CYCLES	AREA AC/CYCLE	TOTAL (AC) P	TOTAL (AC) F	DESIGN NOTES	CONSTRUCTION REMARKS
	603+96.79 to 604+97.03	RT	100	30	500768			3	0.010	0.031									RAMP D_DCP POND 140 B3	
	604+17.14 to 605+18.42	RT	100	30	500721			3	0.043	0.130									RAMP D_DCP POND 140 B3	
	604+94.67 to 605+96.69	RT	100	30	500761			3	0.014	0.043									RAMP D_DCP POND 140 B3	
	605+12.72 to 605+12.72	RT	100	30	496714			3	0.450	1.351									RAMP D_DCP (POND 140B3)	
	605+13.14 to 605+13.14	RT	100	30	500685			3	0.261	0.782									RAMP D_DCP (POND 140B3)	
	605+13.68 to 606+23.88	RT	100	30	500776			3	0.040	0.121									RAMP D_DCP POND 140 B3	
	605+93.90 to 606+97.55	RT	100	30	502704			3	0.017	0.052									RAMP D_DCP POND 140 B3	
	606+08.53 to 607+38.47	RT	100	30	500786			3	0.090	0.269									RAMP D_DCP POND 140 B3	
	606+93.07 to 610+53.90	RT	100	30	502687			3	0.141	0.424									RAMP D_DCP POND 140B3	
	607+23.01 to 608+34.46	RT	100	30	500798			3	0.064	0.191									RAMP D_DCP POND 140 B3	
	607+48.47 to 608+00.00	RT	100	30	500922			3	0.010	0.029									RAMP IWBDC2 (POND 141B2)	
	608+00.00 to 609+00.00	RT	100	30	500927			3	0.066	0.198									RAMP IWBDC2 (POND 141B2)	
	608+24.52 to 609+36.12	RT	100	30	500715			3	0.052	0.156									RAMP D_DCP POND 140 B3	
	608+34.44 to 608+34.44	RT	100	30	496697			3	0.110	0.330									RAMP D_DCP (POND 140B3)	
	609+00.00 to 610+00.00	LT/RT	100	30	500934			3	0.116	0.349									RAMP IWBDC2 (POND 141B2)	
	609+31.83 to 610+44.40	RT	100	30	500950			3	0.077	0.232									RAMP IWBDC2 POND 104 B3	
	610+00.00 to 611+00.00	LT/RT	100	30	500943			3	0.028	0.085									RAMP IWBDC2 (POND 141B1)	
	610+13.15 to 646+56.27	LT	100	30	500846			3	0.271	0.813									PONDS IWBCD2	
	610+23.32 to 646+56.43	LT	100	30	500809			3	0.139	0.416									PONDS IWBCD2	
	610+39.22 to 611+00.00	RT	100	30	500959			3	0.068	0.203									RAMP IWBDC2 (POND 141B1)	
	610+51.01 to 611+90.66	RT	100	30	502679			3	0.041	0.122									RAMP IWBCD2	
	611+00.00 to 612+00.00	LT/RT	100	30	500969			3	0.019	0.056									RAMP IWBDC2 (POND 141B1)	
	611+00.00 to 612+00.00	RT	100	30	500975			3	0.084	0.251									RAMP IWBDC2 (POND 141B1)	
	611+80.86 to 613+24.45	RT	100	30	502670			3	0.042	0.125									RAMP IWBCD2	
	611+95.67 to 612+21.86	RT	100	30	503623			3	0.001	0.002									RAMP D_DCP	
	612+00.00 to 613+00.00	LT/RT	100	30	500982			3	0.053	0.160									RAMP IWBDC2 (POND 141B1)	
	612+00.00 to 613+00.00	RT	100	30	500987			3	0.014	0.041									RAMP IWBDC2 (POND 141B1)	
	612+36.58 to 612+36.58	RT	100	30	500884			3	0.177	0.532									RAMP IWBDC2 (POND 141B1)	
	612+36.58 to 612+36.58	RT	100	30	500903			3	0.302	0.906									RAMP IWBDC2 (POND 141B1)	
	613+00.00 to 614+00.00	LT/RT	100	30	500992			3	0.029	0.087									RAMP IWBDC2 (POND 141B1)	
	613+00.00 to 614+00.00	RT	100	30	500998			3	0.079	0.236									RAMP IWBDC2 (POND 141B1)	
	613+08.23 to 614+49.12	RT	100	30	502661			3	0.041	0.123									RAMP IWBCD2	
	614+00.00 to 615+00.00	LT/RT	100	30	501004			3	0.243	0.730									RAMP IWBDC2 (POND 141B1)	
	614+32.59 to 615+43.08	RT	100	30	502652			3	0.042	0.126									RAMP IWBCD2	
	615+00.00 to 616+00.00	LT/RT	100	30	501016			3	0.086	0.258									RAMP IWBDC2 (POND 141B2)	
	615+00.00 to 616+00.00	RT	100	30	501025			3	0.015	0.045									RAMP IWBDC2 (POND 141B2)	
	615+24.91 to 616+32.15	RT	100	30	502643			3	0.041	0.124									RAMP IWBCD2	
	615+99.92 to 617+00.00	RT	100	30	501039			3	0.006	0.018									RAMP IWBDC2 (POND 141B2)	
	616+00.00 to 617+00.00	LT	100	30	501032			3	0.004	0.013									RAMP IWBDC2 (POND 141B2)	
	616+16.36 to 616+94.05	RT	100	30	502636			3	0.032	0.095									RAMP IWBCD2	
	616+79.23 to 617+75.36	RT	100	30	502628			3	0.040	0.119									RAMP IWBCD2	
	617+00.00 to 618+00.00	LT/RT	100	30	501045			3	0.020	0.059									RAMP IWBDC2 (POND 141B2)	
	617+00.00 to 618+00.00	RT	100	30	501050			3	0.018	0.055									RAMP IWBDC2 (POND 141B2)	
	617+62.64 to 618+58.66	RT	100	30	502620			3	0.039	0.116									RAMP IWBCD2	
	617+84.58 to 617+84.58	RT	100	30	500439			3	0.358	1.073									RAMP IWBDC2 (POND 141B2)	
	617+84.58 to 617+84.58	RT	100	30	500463			3	0.207	0.621									RAMP IWBDC2 (POND 141B2)	
	618+00.00 to 619+00.00	LT/RT	100	30	501055			3	0.022	0.066									RAMP IWBDC2 (POND 141B2)	
	618+00.00 to 619+00.00	RT	100	30	501060			3	0.029	0.087									RAMP IWBDC2 (POND 141B2)	
								SUB-TOTAL:		12.45	0.00				SUB-TOTAL:		0.00	0.00		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
P.E. License No. 61806
AECOM TECHNICAL SERVICES, Inc.
150 N. 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	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-27

glen.dvorovy 5/6/2020 5:36:03 PM c:\pwworking\aecom_na\glen.dvorovy\d0164870\SUMQRD01.DGN

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1 AREA ID	L	W	CYCLES	AREA AC/CYCLE	TOTAL (AC) P	TOTAL (AC) F	MOWING 0107 2 AREA ID	L	W	CYCLES	AREA AC/CYCLE	TOTAL (AC) P	TOTAL (AC) F	DESIGN NOTES	CONSTRUCTION REMARKS
	618+47.91 to 619+43.70	RT	100	30	5026			3	0.038	0.115									RAMP IWBCD2	
	619+00.00 to 619+63.99	LT	100	30	5010			3	0.006	0.017									RAMP IWBDC2 (POND 141B2)	
	619+00.00 to 620+00.00	RT	100	30	5010			3	0.023	0.069									RAMP IWBDC2 (POND 141B2)	
	619+34.86 to 620+30.22	RT	100	30	5026			3	0.038	0.115									RAMP IWBCD2	
	620+00.00 to 621+00.00	RT	100	30	5010			3	0.006	0.019									RAMP IWBDC2 (POND 141B2)	
	620+23.27 to 621+17.91	RT	100	30	5025			3	0.038	0.115									RAMP IWBCD2	
	620+30.65 to 621+00.00	LT/RT	100	30	5010			3	0.011	0.033									RAMP IWBDC2 (POND 141B2)	
	621+00.00 to 622+00.00	LT/RT	100	30	5010			3	0.194	0.582									RAMP IWBDC2 (POND 141B2)	
	621+13.05 to 625+96.17	RT	100	30	5025			3	0.196	0.589									RAMP IWBCD2	
	622+00.00 to 623+00.00	LT/RT	100	30	5010			3	0.089	0.266									RAMP IWBDC2 (POND 141B3)	
	623+00.00 to 624+00.00	LT/RT	100	30	5011			3	0.021	0.063									RAMP IWBDC2 (POND 141B3)	
	623+00.00 to 624+00.00	RT	100	30	5011			3	0.007	0.021									RAMP IWBDC2 (POND 141B3)	
	624+00.00 to 624+56.64	LT	100	30	5011			3	0.002	0.006									RAMP IWBDC2 (POND 141B3)	
	624+00.00 to 625+00.00	RT	100	30	5011			3	0.013	0.039									RAMP IWBDC2 (POND 141B3)	
	625+00.00 to 626+00.00	RT	100	30	5011			3	0.017	0.050									RAMP IWBDC2 (POND 141B3)	
	625+34.02 to 626+00.00	LT	100	30	5011			3	0.003	0.008									RAMP IWBDC2 (POND 141B3)	
	625+95.96 to 626+96.18	RT	100	30	5025			3	0.040	0.121									RAMP IWBCD2	
	626+00.00 to 627+00.00	LT/RT	100	30	5011			3	0.017	0.052									RAMP IWBDC2 (POND 141B3)	
	626+00.00 to 627+00.00	RT	100	30	5011			3	0.004	0.013									RAMP IWBDC2 (POND 141B3)	
	626+95.98 to 627+96.19	RT	100	30	5025			3	0.040	0.121									RAMP IWBCD2	
	627+00.00 to 628+00.00	LT/RT	100	30	5011			3	0.015	0.044									RAMP IWBDC2 (POND 141B3)	
	627+00.00 to 628+00.00	RT	100	30	5011			3	0.003	0.009									RAMP IWBDC2 (POND 141B3)	
	627+40.02 to 627+40.02	RT	100	30	5004			3	0.480	1.440									RAMP IWBDC2 (POND 141B3)	
	627+40.02 to 627+40.02	RT	100	30	5005			3	0.273	0.818									RAMP IWBDC2 (POND 141B3)	
	627+95.98 to 628+96.19	RT	100	30	5025			3	0.040	0.121									RAMP IWBCD2	
	628+00.00 to 628+39.52	LT	100	30	5011			3	0.001	0.003									RAMP IWBDC2 (POND 141B3)	
	628+00.00 to 629+00.00	RT	100	30	5011			3	0.020	0.059									RAMP IWBDC2 (POND 141B3)	
	628+95.99 to 629+88.66	RT	100	30	5025			3	0.040	0.121									SR 400 (I-4)	
	629+00.00 to 630+00.00	RT	100	30	5011			3	0.023	0.068									RAMP IWBDC2 (POND 141B3)	
	629+80.26 to 630+00.00	LT	100	30	5011			3	0.000	0.001									RAMP IWBDC2 (POND 141B3)	
	629+87.22 to 630+88.61	RT	100	30	5025			3	0.040	0.120									SR 400 (I-4)	
	630+00.00 to 631+00.00	LT	100	30	5011			3	0.010	0.031									RAMP IWBDC2 (POND 141B3)	
	630+00.00 to 631+00.00	RT	100	30	5011			3	0.008	0.024									RAMP IWBDC2 (POND 141B3)	
	630+87.18 to 631+88.56	RT	100	30	5025			3	0.040	0.119									RAMP IWBCD2	
	631+00.00 to 632+00.00	LT	100	30	5011			3	0.009	0.026									RAMP IWBDC2 (POND 141B3)	
	631+00.00 to 632+00.00	RT	100	30	5012			3	0.029	0.088									RAMP IWBDC2 (POND 141B3)	
	631+87.15 to 632+88.51	RT	100	30	5025			3	0.039	0.118									RAMP IWBCD2	
	632+00.00 to 633+00.00	LT/RT	100	30	5012			3	0.129	0.387									RAMP IWBDC2 (POND 141B3)	
	632+87.11 to 633+88.47	RT	100	30	5025			3	0.039	0.117									RAMP IWBCD2	
	633+00.00 to 634+00.00	LT/RT	100	30	5012			3	0.095	0.285									RAMP IWBDC2 (PNDFPC141)	
	633+87.07 to 634+88.42	RT	100	30	5025			3	0.039	0.116									SR 400 (I-4)	
	634+00.00 to 635+00.00	LT/RT	100	30	5012			3	0.016	0.047									RAMP IWBDC2 (PNDFPC141)	
	634+00.00 to 635+00.00	RT	100	30	5012			3	0.003	0.009									RAMP IWBDC2 (PNDFPC141)	
	634+87.03 to 635+88.37	RT	100	30	5024			3	0.038	0.115									RAMP IWBCD2	
	635+00.00 to 636+00.00	LT/RT	100	30	5012			3	0.021	0.062									RAMP IWBDC2 (PNDFPC141)	
	635+00.00 to 636+00.00	RT	100	30	5012			3	0.003	0.009									RAMP IWBDC2 (PNDFPC141)	
	635+37.53 to 635+37.53	RT	100	30	4967			3	0.232	0.697									RAMP IWBDC2 (POND FPC141)	
	635+37.54 to 635+37.54	RT	100	30	5005			3	0.140	0.420									RAMP IWBDC2 (POND FPC141)	
								SUB-TOTAL:		7.89	0.00				SUB-TOTAL:		0.00	0.00		

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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	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-28

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1							MOWING 0107 2							DESIGN NOTES	CONSTRUCTION REMARKS
					AREA ID	L	W	CYCLES	AREA AC/CYCLE	TOTAL (AC) P	TOTAL (AC) F	AREA ID	L	W	CYCLES	AREA AC/CYCLE	TOTAL (AC) P	TOTAL (AC) F		
	635+86.99 to 636+88.38	RT	100	30	5024			3	0.039	0.117									RAMP IWBCD2	
	636+00.00 to 637+00.00	LT/RT	100	30	5012			3	0.011	0.033									RAMP IWBDC2 (PNDFPC141)	
	636+00.00 to 637+00.00	RT	100	30	5012			3	0.004	0.012									RAMP IWBDC2 (PNDFPC141)	
	636+86.96 to 637+88.39	RT	100	30	5024			3	0.040	0.121									RAMP IWBCD2	
	637+00.00 to 638+00.00	LT/RT	100	30	5012			3	0.135	0.404									RAMP IWBDC2 (PNDFPC141)	
	637+17.27 to 638+97.76	LT	100	30	6092			3	0.338	1.015									RAMP IWBCD2	
	637+86.92 to 638+88.39	RT	100	30	5024			3	0.042	0.125									RAMP IWBCD2	
	638+00.00 to 639+00.00	LT/RT	100	30	5012			3	0.047	0.141									RAMP IWBDC2 (PND141B4)	
	638+00.00 to 639+00.00	RT	100	30	5012			3	0.011	0.034									RAMP IWBDC2 (PND141B4)	
	638+86.88 to 639+88.40	RT	100	30	5024			3	0.043	0.128									RAMP IWBCD2	
	639+00.00 to 640+00.00	LT	100	30	5012			3	0.008	0.025									RAMP IWBDC2 (PND141B4)	
	639+00.00 to 640+00.00	RT	100	30	5012			3	0.010	0.029									RAMP IWBDC2 (PND141B4)	
	639+86.84 to 640+87.78	RT	100	30	5024			3	0.044	0.132									RAMP IWBCD2	
	640+00.00 to 641+00.00	LT/RT	100	30	5013			3	0.017	0.051									RAMP IWBDC2 (PND141B4)	
	640+00.00 to 641+00.00	RT	100	30	5013			3	0.020	0.059									RAMP IWBDC2 (PND141B4)	
	640+86.12 to 641+83.81	RT	100	30	5024			3	0.046	0.137									RAMP IWBCD2	
	641+00.00 to 642+00.00	LT/RT	100	30	5013			3	0.016	0.047									RAMP IWBDC2 (PND141B4)	
	641+00.00 to 642+00.00	RT	100	30	5013			3	0.031	0.092									RAMP IWBDC2 (PND141B4)	
	641+81.91 to 642+78.90	RT	100	30	5024			3	0.046	0.139									RAMP IWBCD2	
	641+88.68 to 641+88.68	RT	100	30	4968			3	0.387	1.161									RAMP IWBDC2 (POND 141B4)	
	641+94.21 to 641+94.21	RT	100	30	5005			3	0.223	0.669									RAMP IWBDC2 (POND 141B4)	
	642+00.00 to 643+00.00	LT/RT	100	30	5013			3	0.012	0.036									RAMP IWBDC2 (PND141B4)	
	642+00.00 to 643+00.00	RT	100	30	5013			3	0.035	0.105									RAMP IWBDC2 (PND141B4)	
	642+76.76 to 643+73.89	RT	100	30	5024			3	0.047	0.142									RAMP IWBCD2	
	643+00.00 to 644+00.00	LT/RT	100	30	5013			3	0.033	0.099									RAMP IWBDC2 (PND141B4)	
	643+00.00 to 644+00.00	RT	100	30	5013			3	0.008	0.025									RAMP IWBDC2 (PND141B4)	
	643+71.55 to 644+68.74	RT	100	30	5024			3	0.046	0.139									RAMP IWBCD2	
	644+00.00 to 645+00.00	RT	100	30	5013			3	0.013	0.040									RAMP IWBDC2 (PND141B4)	
	644+00.00 to 644+56.87	LT/RT	100	30	5013			3	0.006	0.017									RAMP IWBDC2 (PND141B4)	
	644+66.32 to 645+63.50	RT	100	30	5024			3	0.044	0.132									RAMP IWBCD2	
	645+00.00 to 646+00.00	LT/RT	100	30	5013			3	0.104	0.313									RAMP IWBDC2 (PND141B4)	
	645+61.03 to 646+57.26	RT	100	30	5024			3	0.041	0.123									RAMP IWBCD2	
	646+00.00 to 646+57.19	LT/RT	100	30	5013			3	0.140	0.419									RAMP IWBDC2 (PND141B4)	
	1004+67.48 to 1004+67.48	RT	100	30	5104			3	0.145	0.435									RAMP IA_CFP (POND 142B)	
	1011+21.82 to 1011+21.82	RT	100	30	4967			3	0.794	2.381									RAMP IWBDC2 (POND 142B)	
	1011+22.93 to 1011+22.93	RT	100	30	5006			3	0.305	0.914									RAMP IWBDC2 (POND 142B)	
	1011+82.03 to 1011+82.03	RT	100	30	5104			3	0.878	2.634									RAMP IA_CFP (POND 142B)	
	148+81.93 to 151+84.33	LT	100	30	6149			3	0.179	0.536									TURKEY LAKE ROAD	
								SUB-TOTAL:		13.16	0.00				SUB-TOTAL:		0.00	0.00		

SUMMARY OF MONITOR EXISTING STRUCTURES

SITE NO.	LOCATION ADDRESS AND/OR STA.	STRUCTURE USAGE	INSPECTION & SETTLEMENT MONITORING 0108 1 LS P	INSPECTION & SETTLEMENT MONITORING 0108 1 LS F	VIBRATION MONITORING 0108 2 LS P	VIBRATION MONITORING 0108 2 LS F	GROUNDWATER MONITORING 0108 3 LS P	GROUNDWATER MONITORING 0108 3 LS F	DESIGN NOTES	CONSTRUCTION REMARKS
1	BL SURVEY SR 400 (I-4) STA 650+00, 200' RT VINELAND POINTE	RETAIL	X		X				PILE DRIVING	
2	BRIDGE #754115 AND ADJACENT MSE WALLS	EXISTING BRIDGE /WALLS	X		X				DRILLED SHAFT INSTALLATION	
3	PONDS	DRAINAGE					X		EXCAVATION	
		TOTAL:	1		1		1			

THIS LIST INCLUDES EXISTING STRUCTURES (AS DETERMINED BY THE DEPARTMENT) LOCATED OUTSIDE THE LIMITS SPECIFIED IN ARTICLE 108-2 OF THE FDOT SPECIFICATIONS THAT ARE REQUIRED TO BE MONITORED. THIS LIST SHOULD NOT BE CONSIDERED ALL INCLUSIVE AND DOES NOT CONTAIN EXISTING STRUCTURES TO BE MONITORED THAT ARE LOCATED WITHIN THE DISTANCES SPECIFIED IN ARTICLE 108-2.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-29

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	UNIT S	SECONDARY UNITS (IF LUMP SUM) AREA (AC)	QUANTITY P	QUANTITY F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0110 1 1	Clearing & Grubbing	565+82.13 R 4 to 583+50.00 R 4	RT	195645			AC		2.4		97		SR 400 (I-4 EB)	
		619+59.26 R 4 to 644+11.56 R 4	RT	557551					8.1				SR 400 (I-4 EB)	
		631+24.09 R 4 to 644+11.73 R 4	LT	615152					4.7				SR 400 (I-4 EB)	
		644+32.86 R 4 to 645+59.56 R 4	LT	580779					0.3				SR 400 (I-4 WB)	
		645+81.44 R 4 to 657+65.50 R 4	RT	195860					7.6				SR 400 (I-4 WB)	
		645+81.62 R 4 to 697+07.95 R 4	LT	557572					56.3				SR 400 (I-4 EB)	
		654+05.49 R 4 to 657+59.22 R 4	RT	568532					0.1				SR 400 (I-4 EB POND C)	
		654+48.99 R 4 to 661+98.67 R 4	RT	505994					1.7				SR 400 (I-4 EB POND C)	
		657+65.05 R 4 to 686+04.31 R 4	RT	615064					6.0				SR 400 (I-4 WB)	
		657+76.89 R 4 to 662+76.62 R 4	RT	568598					0.6				SR 400 (I-4 EB POND C)	
		692+51.16 R 4 to 707+99.99 R 4	LT	557602					8.1				SR 400 (I-4 WB)	
		706+22.89 R 4 to 707+73.84 R 4	LT	614985					0.5				SR 400 (I-4 WB)	
		706+92.66 R 4 to 707+96.02 R 4	LT	614981					0.3				SR 400 (I-4 WB)	
		707+03.99 R 4 to 708+07.48 R 4	LT	614978					0.1				SR 400 (I-4 WB)	
0110 4 10	Removal of Existing Concrete	652+50.82 R 4 to 652+53.13 R 4	RT	596041			SY		0.9		1784		Concrete Slab (BL400)	
		652+53.47 R 4 to 652+57.90 R 4	RT	596040					3.4				Concrete Slab (BL400)	
		652+89.21 R 4 to 652+95.79 R 4	RT	244883					1.7				Concrete Slab (BL400)	
		652+91.52 R 4 to 652+96.70 R 4	RT	244879					1.0				Concrete Slab (BL400)	
		654+88.29 R 4 to 654+97.30 R 4	RT	245043					5.6				Concrete Slab (BL400)	
		654+88.45 R 4 to 654+96.29 R 4	RT	245046					0.8				Concrete Slab (BL400)	
		654+92.97 R 4 to 654+96.02 R 4	RT	245059					0.1				Concrete Slab (BL400)	
		661+98.90 R 4 to 662+05.75 R 4	LT	596042					2.8				Concrete Slab (BL400)	
		662+29.44 R 4 to 662+36.57 R 4	LT	596043					3.4				Concrete Slab (BL400)	
		708+01.29 R 4 to 708+05.88 R 4	LT/RT	328019					56.8				Traffic Separator (BL400)	
		708+01.72 R 4 to 708+07.26 R 4	LT	328028					99.0				Traffic Separator (BL400)	
		104+27.60 to 108+47.82	LT/RT	242754					191.4				Curb & Gutter (CLDCP)	
		107+78.07 to 109+70.62	LT	246157					43.0				Curb & Gutter (CLDCP)	
		107+79.43 to 109+56.14	LT	246209					121.5				Sidewalk (CLDCP)	
		108+08.63 to 108+27.67	RT	245551					4.5				Curb & Gutter (CLDCP)	
		108+75.82 to 109+70.77	RT	245696					61.1				Sidewalk (CLDCP)	
		109+11.56 to 109+70.91	RT	246239					8.9				Barrier Wall (CLDCP)	
		109+21.82 to 109+70.77	LT	246932					12.9				Barrier Wall (CLDCP)	
		109+56.14 to 109+70.77	LT	246918					1.3				Barrier Wall (CLDCP)	
		109+56.46 to 109+70.77	LT	246927					1.0				Berrier Wall (CLDCP)	
		109+57.58 to 109+70.77	LT	246914					4.6				Berrier Wall (CLDCP)	
		109+60.52 to 109+70.77	RT	245722					2.4				Sidewalk (CLDCP)	
		109+68.38 to 109+70.77	LT/RT	245757					0.9				Traffic Seperator (CLDCP)	
		114+30.77 to 114+41.27	RT	246952					3.1				Sidewalk (CLDCP)	
		114+30.77 to 114+44.35	RT	246939					6.9				Sidewalk (CLDCP)	
		114+30.77 to 114+48.58	LT	247022					1.2				Barrier Wall (CLDCP)	
		114+30.77 to 114+45.85	LT	247017					4.7				Sidewalk (CLDCP)	
		114+30.77 to 114+50.80	LT	247008					11.3				Sidewalk (CLDCP)	
		114+30.77 to 114+47.42	LT	247027					1.2				Barrier Wall (CLDCP)	
		114+30.77 to 114+44.35	RT	246945					0.8				Curb & Gutter (CLDCP)	
		114+30.77 to 114+42.24	RT	246965					0.7				Barrier Wall (CLDCP)	
		114+30.77 to 114+66.81	LT/RT	245637					16.5				Traffic Seperator (CLDCP)	
		114+30.77 to 120+54.99	LT	245661					149.7				Curb & Gutter (CLDCP)	
		114+30.77 to 116+66.74	RT	245642					52.2				Curb & Gutter (CLDCP)	
		114+30.78 to 114+43.51	RT	246957					1.1				Barrier Wall (CLDCP)	
		114+41.27 to 114+44.35	RT	246979					0.2				Barrier Wall (CLDCP)	

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-30

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	LENGTH	WIDTH	UNITS	SECONDARY UNITS (IF LUMP SUM)	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.						AREA (AC)	P	F	P	F		
0110 4 10	Removal of Existing Concrete (Cont.)	114+42.24 to 114+44.35	RT	246974			SY		0.1				Barrier Wall (CLDCP)	
		114+44.35 to 114+76.82	RT	246992					2.1				Barrier Wall (CLDCP)	
		114+44.35 to 114+76.81	RT	246984					2.9				Barrier Wall (CLDCP)	
		114+44.35 to 115+97.69	RT	242614					110.3				Sidewalk (CLDCP)	
		114+44.35 to 114+45.18	RT	246202					0.1				Curb & Gutter (CLDCP)	
		114+45.85 to 114+50.80	LT	247033					0.3				Barrier Wall (CLDCP)	
		114+47.42 to 114+50.80	LT	247038					0.2				Barrier Wall (CLDCP)	
		114+50.80 to 115+03.64	LT	247053					3.3				Barrier Wall (CLDCP)	
		114+50.80 to 115+03.18	LT	247043					4.9				Barrier Wall (CLDCP)	
		114+50.80 to 115+90.79	LT	242720					90.8				Sidewalk (CLDCP)	
		115+02.53 to 115+05.15	LT	247058					0.2				Barrier Wall (CLDCP)	
		115+03.18 to 115+05.60	LT	247063					0.1				Barrier Wall (CLDCP)	
		115+04.52 to 115+05.80	LT	247068					0.1				Barrier Wall (CLDCP)	
		115+05.18 to 115+26.69	LT	247078					2.0				Barrier Wall (CLDCP)	
		115+05.80 to 115+25.88	LT	247084					1.3				Barrier Wall (CLDCP)	
		115+25.88 to 115+27.34	LT	247094					0.1				Barrier Wall (CLDCP)	
		115+25.96 to 115+28.46	LT	247099					0.1				Barrier Wall (CLDCP)	
		115+26.52 to 115+29.31	LT	247104					0.2				Barrier Wall (CLDCP)	
		115+27.88 to 115+63.63	LT	247116					2.6				Barrier Wall (CLDCP)	
		115+28.46 to 115+63.65	LT	247109					3.3				Barrier Wall (CLDCP)	
		115+57.19 to 121+94.81	LT/RT	245231					210.1				Curb & Gutter (CLDCP)	
		107+79.50 to 109+56.00	LT						236.0				Retaining Qall Removal HT=11' (CLDCP)	
		114+45.00 to 115+97.00	RT						85.0				Retaining Qall Removal HT=8.5' (CLDCP)	
		114+50.00 to 115+91.00	LT						149.0				Retaining Qall Removal HT=4' (CLDCP)	

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-31

SUMMARY OF EARTHWORK

PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
	REGULAR EXCAVATION	51,934		SR400	
	REGULAR EXCAVATION	1,002		RAMP IB_DCP	
	REGULAR EXCAVATION	9,924		RAMP IC_DCP	
	REGULAR EXCAVATION	30,406		RAMP D_DCP	
	REGULAR EXCAVATION	2,333		DARYL CARTER PKWY	
	REGULAR EXCAVATION	103,586		POND 142	
	REGULAR EXCAVATION	315,216		PALM PKWY PONDS	
0120-1	REGULAR EXCAVATION, TOTAL	514,401			
	SUBSOIL EXCAVATION	622		SR400	
	SUBSOIL EXCAVATION	1,259		RAMP IB_DCP	
	SUBSOIL EXCAVATION	1,673		RAMP IC_DCP	
	SUBSOIL EXCAVATION	2,422		RAMP D_DCP	
0120-4	SUBSOIL EXCAVATION, TOTAL	5,976			
	EMBANKMENT	144,252		SR400	
	EMBANKMENT	63,976		RAMP IB_DCP	
	EMBANKMENT	75,153		RAMP IC_DCP	
	EMBANKMENT	104,455		RAMP D_DCP	
	EMBANKMENT	24,562		DARYL CARTER PKWY	
	EMBANKMENT	3,354		POND 142	
	EMBANKMENT	40,561		PALM PKWY PONDS	
	EMBANKMENT	4,965		LATDITCH2	
0120-6	EMBANKMENT, TOTAL	461,279			
	SURCHARGE EMBANKMENT				
0120-74	SURCHARGE EMBANKMENT TOTAL	0			

Earthwork has been calculated using the Limerock base option. If another option is constructed, there shall be no revision to the earthwork quantites for which payment is made by Plan Quantity.

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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	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-32

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	LENGTH	WIDTH	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION						P	F	P	F		
0160 4	TYPE B STABILIZATION	568+26.14 R4 to 583+50.40 R4	SR400 (I-4)	RT	200993			SY	3448.3		104572			
		580+50.00 R4 to 583+50.48 R4	SR400 (I-4)	RT	201011				66.8					
		619+59.26 R4 to 632+75.12 R4	SR400 (I-4)	RT	156801				3380.6					
		636+88.12 R4 to 650+66.48 R4	SR400 (I-4)	LT	157024				3641.3					
		641+35.78 R4 to 641+35.78 R4	POND 140B1	LT	263862				2092.4					
		644+06.54 R4 to 644+33.65 R4	POND 140B1	LT	556773				55.2					
		650+66.47 R4 to 663+00.00 R4	SR400 (I-4)	LT	157050				1644.7					
		657+65.48 R4 to 662+71.33 R4	SR400 (I-4)	RT	166423				215.5					
		662+71.33 R4 to 664+19.28 R4	SR400 (I-4)	RT	158576				258.8					
		662+99.99 R4 to 681+99.83 R4	SR400 (I-4)	LT	203233				2572.8					
		664+19.28 R4 to 686+10.95 R4	SR400 (I-4)	RT	166454				6122.0					
		681+99.83 R4 to 697+02.57 R4	SR400 (I-4)	LT	158296				3477.2					
		115+57.19 to 121+94.81	DARYL CARTER PKWY	LT/RT	553946				1394.2					
		116+16.07 to 120+55.03	DARYL CARTER PKWY	LT	161678				528.7					
		699+95.07 to 699+95.07	RAMP D_DCP	LT	556886				16.6					
		700+48.73 to 712+78.71	RAMP D_DCP	LT/RT	239804				6398.9					
		704+24.30 to 704+24.30	POND 140B2	RT	263721				1331.8					
		300+00.00 to 310+36.97	RAMP IA_CFP	LT/RT	200910				4547.2					
		499+61.38 to 515+16.63	RAMP IB_DCP	LT/RT	201019				7442.7					
		405+06.19 to 409+35.00	IC_DCP	LT/RT	200898				1282.3					
		600+45.62 to 604+32.00	IC_DCP	LT/RT	189372				2246.5					
		609+46.78 to 617+01.40	IC_DCP	RT	264046				2116.0					
		610+55.00 to 619+37.51	IC_DCP	LT/RT	201068				3835.9					
		104+97.43 to 112+01.13	RAMP ISLIP1	LT/RT	239780				2353.6					
		106+33.78 to 110+00.75	POND 140B2	LT	556784				542.6					
		207+36.35 to 215+44.94	RAMP ISLIP2	LT/RT	189488				2447.2					
		7065+99.20 to 7095+00.88	RAMP IWBCD2	LT/RT	165990				17024.5					
		12+56.14 to 12+91.27	LATDITCH2	LT	634430				134.7					
		605+12.72 to 605+12.72	POND 140B3	RT	556518				3782.7					
		610+69.74 to 611+77.52	POND 140B3	RT	556798				144.1					
		610+81.76 to 611+20.05	POND 141B1	LT	556808				45.9					
		612+54.41 to 612+54.41	POND 141B1	RT	556495				2575.1					
		613+83.49 to 614+24.53	POND 141B1	LT/RT	634416				106.2					
		614+76.00 to 615+40.25	POND 141B1	RT	556822				108.7					
		617+77.70 to 617+77.70	POND 141B2	RT	556543				3007.3					
		621+11.76 to 622+18.78	POND 141B2	RT	556595				193.0					
		627+36.42 to 627+36.42	POND 141B3	RT	556567				3959.0					
		632+25.33 to 633+19.12	POND 141B3	RT	556604				150.1					
		635+37.53 to 635+37.53	POND FPC141	RT	556614				2031.8					
		637+57.77 to 638+23.49	POND FPC141	RT	556644				102.2					
		641+88.68 to 641+88.68	POND 141 B4	RT	556654				3236.0					
		644+82.52 to 645+14.75	POND 141 B4	LT	556832				25.5					
		1011+21.82 to 1011+21.82	POND 142B	RT	556680				4422.7					
		1011+61.39 to 1012+05.50	POND 142B	RT	556840				62.4					
285703	OPTIONAL BASE, BASE GROUP 03	104+97.77 to 107+50.00	RAMP ISLIP1	LT	227440			SY	168.2		3465			
		105+49.12 to 111+45.49	RAMP ISLIP1	RT	201129				397.3					
		207+36.57 to 215+45.33	RAMP ISLIP2	LT	159218				389.3					
		207+36.90 to 214+57.66	RAMP ISLIP2	RT	195942				342.4					
		308+00.00 to 310+36.97	RAMP IA_CFP	LT	227449				114.1					
		308+00.00 to 310+36.97	RAMP IA_CFP	RT	227454				114.1					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-33

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	LENGTH	WIDTH	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION						P	F	P	F		
285703	OPTIONAL BASE, BASE GROUP 03 (CONT'D)	400+00.00 to 405+07.72	RAMP IC_CFP	LT/RT	227899			SY	252.7					
		405+06.33 to 409+35.00	RAMP IC_CFP	LT	153362				205.8					
		405+07.72 to 409+35.00	RAMP IC_CFP	RT	159182				110.8					
		700+52.31 to 707+80.00	RAMP D_DCP	LT	227564				581.3					
		700+64.83 to 712+79.02	RAMP D_DCP	RT	227529				789.0					
285704	OPTIONAL BASE, BASE GROUP 04	500+42.34 to 506+92.43	RAMP IB_DCP	LT	227926			SY	186.1		3234			
		504+00.00 to 515+16.46	RAMP IB_DCP	LT/RT	227937				859.9					
		513+30.00 to 514+95.88	RAMP IB_DCP	LT	227915				182.5					
		600+65.31 to 604+02.00	RAMP IC_DCP	LT	153485				322.6					
		600+71.64 to 604+02.00	RAMP IC_DCP	RT	201371				383.7					
		610+85.00 to 613+19.88	RAMP IC_DCP	LT	227965				196.9					
		610+85.00 to 619+37.19	RAMP IC_DCP	LT/RT	201415				894.9					
		614+50.00 to 619+37.36	RAMP IC_DCP	LT	227973				207.7					
285705	OPTIONAL BASE, BASE GROUP 05	7065+44.17 to 7087+72.18	IWBCD2	LT/RT	226504			SY	1843.3		16612			
		7069+48.55 to 7095+00.88	IWBCD2	LT	226521				2271.1					
		7087+73.33 to 7095+00.88	IWBCD2	RT	227386				650.1					
		568+26.14 R4 to 568+84.12 R4	SR400 (I-4)	RT	201461				35.8					
		568+84.12 R4 to 569+49.91 R4	SR400 (I-4)	RT	201471				51.8					
		569+49.91 R4 to 583+50.41 R4	SR400 (I-4)	RT	201479				1322.8					
		619+59.41 R4 to 625+99.74 R4	SR400 (I-4)	RT	235298				570.5					
		629+14.72 R4 to 632+75.06 R4	SR400 (I-4)	RT	227322				423.1					
		636+88.12 R4 to 645+68.22 R4	SR400 (I-4)	LT	235313				1173.6					
		645+68.21 R4 to 650+65.47 R4	SR400 (I-4)	LT	226436			SY	450.9					
		650+66.47 R4 to 681+99.83 R4	SR400 (I-4)	LT	227339				3872.2					
		662+71.33 R4 to 664+19.28 R4	SR400 (I-4)	RT	235321				169.9					
		664+20.33 R4 to 686+10.95 R4	SR400 (I-4)	RT	235329				2317.8					
		681+99.83 R4 to 687+45.99 R4	SR400 (I-4)	LT	227355				543.1					
		687+47.08 R4 to 697+02.51 R4	SR400 (I-4)	LT	227372				915.7					
285710	OPTIONAL BASE, BASE GROUP 10	108+08.27 to 108+47.82	DARYL CARTER PKWY	LT/RT	226934			SY	16.6		1628			
		115+57.19 to 121+94.81	DARYL CARTER PKWY	LT/RT	557633				1196.4					
		116+16.07 to 120+54.52	DARYL CARTER PKWY	LT	167097				414.6					
285711	OPTIONAL BASE, BASE GROUP 11	104+97.77 to 112+00.93	RAMP ISLIP1	LT/RT	227610			SY	1529.7		20674			
		207+36.90 to 215+44.81	RAMP ISLIP2	LT/RT	227796				1406.4					
		300+00.00 to 310+36.97	RAMP IA_CFP	LT/RT	235397				3281.2					
		405+06.60 to 409+35.00	RAMP IC_CFP	LT/RT	235415				744.9					
		500+42.37 to 515+12.92	RAMP IA_DCP	LT/RT	227845				5382.3					
		600+45.62 to 600+71.64	RAMP IC_DCP	RT	201562				70.2					
		600+50.26 to 604+32.00	RAMP IC_DCP	LT/RT	201646				1455.7					
		610+55.00 to 619+37.22	RAMP IC_DCP	LT/RT	227811				2102.0					
		700+48.73 to 712+78.44	RAMP D_DCP	LT/RT	227756				4701.4					
285712	OPTIONAL BASE, BASE GROUP 12	7065+99.20 to 7095+00.88	IWBCD2	LT/RT	223455			SY	11246.6		21839			
		569+47.24 R4 to 583+50.01 R4	SR400 (I-4)	RT	235619				1567.3					
		619+59.72 R4 to 632+74.73 R4	SR400 (I-4)	RT	235642				1887.4					
		636+88.12 R4 to 650+66.48 R4	SR400 (I-4)	LT	235660				2067.7					
		664+19.28 R4 to 686+10.95 R4	SR400 (I-4)	RT	235673				3317.0					
		683+85.93 R4 to 697+02.13 R4	SR400 (I-4)	LT	235687				1752.8					
0327 70 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	106+92.84 to 106+92.84	DARYL CARTER PKWY	LT/RT	209391			SY	5523.7		34327.7			
		114+30.77 to 121+99.58	DARYL CARTER PKWY	LT/RT	209315				5894.4					
		121+85.42 to 121+98.44	DARYL CARTER PKWY	LT/RT	204999				12.0					

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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	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-34

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	LENGTH	WIDTH	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION						P	F	P	F		
0327 70 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH (CONT'D)	546+50.00 R4 to 554+87.40 R4	SR400 (I-4)	RT	233770				980.7					
		557+40.08 R4 to 688+95.00 R4	SR400 (I-4)	RT	233870				13692.5					
		632+30.00 R4 to 704+62.00 R4	SR400 (I-4)	LT	233851				8224.4					
0327 70 13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	109+70.77 to 109+88.77	DARYL CARTER PKWY	RT	236691			SY	88.5		353			
		109+70.77 to 109+88.77	DARYL CARTER PKWY	LT	236697				88.1					
		114+12.77 to 114+30.77	DARYL CARTER PKWY	RT	236705				88.2					
		114+12.77 to 114+30.77	DARYL CARTER PKWY	LT	236712				88.5					
0327 70 19	MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH	546+00.00 R4 to 554+80.30 R4	SR400 (I-4)	RT	139675			SY	5843.2		124096			
		556+97.18 R4 to 693+01.35 R4	SR400 (I-4)	RT	236720				78370.4					
		632+00.00 R4 to 701+99.60 R4	SR400 (I-4)	LT	140086				38074.4					
		697+04.15 R4 to 706+83.96 R4	SR400 (I-4)	LT	152590				1807.9					
0334 1 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	104+97.77 to 112+00.92	RAMP ISLIP1	LT/RT	222572			TN	246.37		9508.4			
		108+08.27 to 108+47.82	DARYL CARTER PKWY	LT/RT	205689				2.28					
		115+57.19 to 121+94.81	DARYL CARTER PKWY	LT/RT	553903				164.49					
		116+16.07 to 120+54.52	DARYL CARTER PKWY	LT	202346				57.01					
		207+36.59 to 215+44.81	RAMP ISLIP2	LT/RT	228052				29.63					
		207+36.90 to 214+57.64	RAMP ISLIP2	RT	228058				27.36					
		207+36.90 to 215+44.81	RAMP ISLIP2	RT	174291				222.18					
		300+00.00 to 305+04.08	RAMP IA_CFP	RT	193937				19.59					
		300+00.00 to 310+36.97	RAMP IA_CFP	LT/RT	227988				535.23					
		308+00.00 to 310+36.97	RAMP IA_CFP	LT/RT	228071				8.69					
		308+00.00 to 310+36.97	RAMP IA_CFP	RT	228076				8.69					
		405+06.33 to 409+35.00	RAMP IC_CFP	LT	193589				15.67					
		405+06.63 to 409+35.00	RAMP IC_CFP	RT	193930				7.85					
		405+06.63 to 409+35.00	RAMP IC_CFP	LT/RT	174570				117.68					
		504+00.00 to 515+16.47	RAMP IB_DCP	LT/RT	222095				94.57					
		513+30.00 to 514+87.63	RAMP IB_DCP	LT	236391				15.40					
		516+18.65 to 516+18.65	RAMP IC_DCP	LT	236400				30.19					
		517+11.16 to 517+11.16	RAMP IC_DCP	LT/RT	202646				42.21					
		528+04.48 to 528+04.48	RAMP IC_DCP	LT	222156				21.65					
		534+59.64 to 534+59.64	RAMP IC_DCP	LT	168065				98.44					
		700+48.73 to 705+53.79	RAMP D_DCP	LT/RT	236552				467.34					
		700+52.33 to 707+80.00	RAMP D_DCP	LT	237174				47.93					
		700+71.71 to 712+79.02	RAMP D_DCP	RT	236578				60.08					
		705+53.79 to 712+78.44	RAMP D_DCP	LT/RT	232356				294.45					
		705+90.95 to 708+40.24	RAMP ISLIP1	RT	222402				13.87					
		706+46.30 to 712+26.89	RAMP D_DCP	RT	202386				32.79					
		7065+44.17 to 7087+72.18	IWBCD2	LT/RT	202665				202.77					
		7069+48.55 to 7095+00.88	IWBCD2	LT	223376				249.82					
		7087+73.33 to 7095+00.88	IWBCD2	RT	168027				71.14					
		546+50.00 to 554+87.40	SR400 (I-4)	RT	233940				80.91					
		557+40.08 to 688+95.00	SR400 (I-4)	RT	233914				1129.63					
		568+26.14 to 583+50.40	SR400 (I-4)	RT	174108				230.52					
		619+59.42 to 625+99.74	SR400 (I-4)	RT	223327				93.93					

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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	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-35

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	LENGTH	WIDTH	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION						P	F	P	F		
0334 1 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C (CONT'D)	629+14.72 to 632+75.05	SR400 (I-4)	RT	173941			TN	68.10					
		632+30.00 to 704+62.00	SR400 (I-4)	LT	233896				678.51					
		636+88.12 to 645+68.22	SR400 (I-4)	LT	174063				193.65					
		645+68.21 to 650+65.47	SR400 (I-4)	LT	174340				74.40					
		650+66.47 to 681+99.83	SR400 (I-4)	LT	202771				627.88					
		662+71.33 to 664+19.28	SR400 (I-4)	RT	206640				27.13					
		664+20.33 to 686+10.95	SR400 (I-4)	RT	174273				373.71					
		681+99.83 to 687+45.99	SR400 (I-4)	LT	240605				86.41					
		687+47.08 to 697+02.49	SR400 (I-4)	LT	194067				145.25					
		557+00.00 to 693+00.00	SR400 (I-4)	RT					2493.00				OVERBUILD FOR TTCP TO REMAIN	
0334 1 14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	500+42.37 to 510+02.54	RAMP IB_DCP	LT/RT	232181			TN	251.47		2156.3			
		510+02.06 to 515+12.80	RAMP IB_DCP	LT/RT	236332				331.31					
		600+45.62 to 604+02.00	RAMP IC_DCP	LT/RT	236317				148.47					
		610+85.00 to 619+37.19	RAMP IC_DCP	LT/RT	221890				210.14					
		7065+99.20 to 7095+00.88	IWBCD2	LT/RT	223357				1214.92					
0334 1 15	SUPERPAVE ASPHALTIC CONC, TRAFFIC E	556+87.83 R4 to 562+50.00 R4	SR400 (I-4)	RT	183424			TN	59.68		1198.8			
		569+47.24 R4 to 583+50.00 R4	SR400 (I-4)	RT	183406				166.69					
		619+59.74 R4 to 632+74.71 R4	SR400 (I-4)	RT	223296				203.53					
		636+88.12 R4 to 650+66.48 R4	SR400 (I-4)	LT	183651				221.84					
		664+19.28 R4 to 669+97.38 R4	SR400 (I-4)	RT	183572				131.86					
		669+97.38 R4 to 686+10.95 R4	SR400 (I-4)	RT	183470				227.75					
		683+85.94 R4 to 697+02.12 R4	SR400 (I-4)	LT	183634				187.45					
0334 1 54	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC D, PG 76-22	500+42.37 to 510+02.54	RAMP IB_DCP	LT/RT	239734			TN	269.29		2195.0			
		510+02.06 to 515+12.80	RAMP IB_DCP	LT/RT	236353				331.31					
		600+45.62 to 604+02.00	RAMP IC_DCP	LT/RT	236374				148.47					
		610+85.00 to 619+37.45	RAMP IC_DCP	LT/RT	221956				210.16					
		614+50.00 to 619+37.33	RAMP IC_DCP	LT	223409				20.86					
		7065+99.20 to 7095+00.88	IWBCD2	LT/RT	223338				1214.92					
0334 1 55	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC E, PG 76-22	556+87.83 R4 to 562+50.00 R4	SR400 (I-4)	RT	186567			TN	119.35		2397.6			
		569+47.24 R4 to 583+50.00 R4	SR400 (I-4)	RT	186549				333.37					
		619+59.74 R4 to 632+74.71 R4	SR400 (I-4)	RT	223286			TN	407.07					
		636+88.12 R4 to 650+66.48 R4	SR400 (I-4)	LT	186794				443.68					
		664+19.28 R4 to 669+97.38 R4	SR400 (I-4)	RT	186715				263.72					
		669+97.38 R4 to 686+10.95 R4	SR400 (I-4)	RT	186613				455.50					
		683+85.94 R4 to 697+02.12 R4	SR400 (I-4)	LT	186777				374.89					
0337 7 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	546+00.00 R4 to 554+80.30 R4	SR400 (I-4)	RT	205759			TN	234.46		6330.2		3/4"	
		556+87.25 R4 to 693+01.35 R4	SR400 (I-4)	RT	233095				3438.05				3/4"	
		632+00.00 R4 to 701+99.60 R4	SR400 (I-4)	LT	233014				1694.87				3/4"	
		708+31.40 to 712+78.25	RAMP D_DCP	LT/RT	628985				34.85				3/4"	
		300+00.00 to 310+36.97	RAMP IA_CFP	LT/RT	233752				113.61				3/4"	

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REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-36

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	LENGTH	WIDTH	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION						P	F	P	F		
0337 7 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22 (CONT'D)	319+87.88 to 319+87.88	RAMP IA_CFP	LT/RT	215528			TN	72.54				3/4"	
		499+61.38 to 506+90.09	RAMP IB_DCP	LT/RT	628973				55.68				3/4"	
		405+06.58 to 409+35.00	RAMP IC_CFP	LT/RT	215521				31.12				3/4"	
		610+57.00 to 610+85.00	RAMP IC_DCP	LT/RT	214349				11.65				1.75"	
		610+85.00 to 619+37.19	RAMP IC_DCP	LT/RT	233645				77.51				3/4"	
		104+97.77 to 112+00.93	RAMP ISLIP1	LT/RT	232998				55.87				3/4"	
		207+36.90 to 215+44.81	RAMP ISLIP2	LT/RT	233721				58.03				3/4"	
		7065+99.20 to 7095+00.88	RAMP IWBCD2	LT/RT	233729				451.96				3/4"	
0337 7 82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	700+48.73 to 708+31.43	RAMP D_DCP	LT/RT	628920			TN	202.93		501.9		1"	
		506+90.09 to 515+13.03	RAMP IB_DCP	LT/RT	628901				210.15				1"	
		600+45.62 to 604+02.00	RAMP IC_DCP	LT/RT	626087				76.79				1"	
		604+02.00 to 604+30.00	RAMP IC_DCP	LT/RT	628896				11.98				1.75"	
0337 7 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	106+92.84 to 106+92.84	DARYL CARTER PKWY	LT	552616			TN	455.58		1126.9		1.5"	
		109+56.14 to 109+88.77	DARYL CARTER PKWY	LT	236096				13.62				1.75"	
		109+70.77 to 109+88.77	DARYL CARTER PKWY	RT	236105				9.72				1.75"	
		114+12.77 to 114+50.80	DARYL CARTER PKWY	LT	236175				14.50				1.75"	
		114+12.77 to 114+44.35	DARYL CARTER PKWY	RT	236165				13.46				1.75"	
		116+16.07 to 120+54.52	DARYL CARTER PKWY	LT	220246				34.21				1.5"	
		118+15.18 to 118+15.18	DARYL CARTER PKWY	RT	552712				585.83				1.5"	
0546 72 1	GROUND-IN RUMBLE STRIPS, 16 IN	557+00.00 to 693+00.00	SR400 (I-4)	RT		2.576		GM			3.951			
		632+00.00 to 704+62.00	SR400 (I-4)	LT		1.375			585.83					

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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	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-37

SUMMARY OF MISCELLANEOUS ASPHALT PAVEMENT

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	THICK (IN)	UNDER GUARDRAIL 0339 1 TN P	UNDER GUARDRAIL 0339 1 TN F	DESIGN NOTES	CONSTRUCTION REMARKS
107+50.00 to 109+06.27	LT	164021			2	4.90		RAMP ISLIP1	
109+06.27 to 111+06.25	LT	163728			2	4.44		RAMP ISLIP1	
110+07.55 to 110+94.57	LT/RT	580763			2	122.20		DARYL CARTER PARKWAY	
210+72.00 to 211+65.77	RT	132477			2	3.80		RAMP ISLIP2	
300+00.00 to 308+00.00	LT	163790			2	17.76		RAMP IA_CFP	
300+06.82 to 301+00.25	RT	220534			2	3.48		RAMP IC_CFP	
305+34.00 to 308+00.00	RT	220287			2	5.92		RAMP IA_CFP	
499+70.88 to 502+43.43	RT	165635			2	6.04		RAMP IB_DCP	
502+43.40 to 504+00.00	RT	165662			2	4.94		RAMP IB_DCP	
506+92.43 to 511+73.69	LT	163999			2	10.66		RAMP IB_DCP	
511+73.68 to 513+30.00	LT	164044			2	4.92		RAMP IB_DCP	
613+19.82 to 614+50.00	LT	163934			2	2.90		RMAP IC_DCP	
614+00.00 to 618+01.59	RT	163945			2	8.92		RAMP IC_DCP	
707+80.00 to 709+42.02	RT	220262			2	7.24		RAMP D_DCP	
707+80.00 to 712+78.25	LT	163736			2	13.42		RAMP D_DCP	
7066+02.32 to 7095+00.88	LT	163764			2	64.52		SR 400 (I-4)	
568+84.12 R4 to 580+37.62 R4	RT	220254			2	41.00		IWBCD2	
619+92.11 R4 to 629+22.62 R4	RT	163981			2	20.70		SR 400 (I-4)	
651+98.89 R4 to 660+97.66 R4	LT	163829			2	20.30		SR 400(I-4)	
657+65.48 R4 to 662+71.33 R4	RT	163958			2	11.24		SR 400 (I-4)	
662+86.12 R4 to 671+81.76 R4	RT	132442			2	31.76		SR 400 (I-4)	
663+00.00 R4 to 663+93.67 R4	LT	132492			2	3.40		SR 400 (I-4)	
681+99.83 R4 to 685+67.61 R4	LT	163818			2	9.78		SR 400 (I-4)	
683+32.80 R4 to 685+83.30 R4	RT	580517			2	12.52		SR 400 (I-4)	
					SUB-TOTAL:	436.76			
					TOTAL:	436.8			
					GRAND TOTAL:	436.8			

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-38

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY GROSS LENGTH	DEDUCTIONS TYPE	DEDUCTIONS LENGTH	NET LENGTH P	NET LENGTH F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0520 1 7	CONCRETE CURB & GUTTER, TYPE E	106+34.03 to 107+34.16	LT		LF	102.6			102.6		1238		DARYL CARTER PKWY	
		106+34.03 to 107+39.59	RT			105.6			105.6				DARYL CARTER PKWY	
		107+34.16 to 108+09.14	LT			76.9			76.9				DARYL CARTER PKWY	
		107+39.59 to 108+15.39	LT/RT			77.8			77.8				DARYL CARTER PKWY	
		108+09.14 to 108+15.39	LT			6.8			6.8				DARYL CARTER PKWY	
		108+15.39 to 108+15.39	LT			5.9			5.9				DARYL CARTER PKWY	
		109+27.71 to 109+27.89	LT/RT			6.5			6.5				DARYL CARTER PKWY	
		109+27.71 to 109+70.77	RT			44.0			44.0				DARYL CARTER PKWY	
		109+27.89 to 109+70.77	LT			43.3			43.3				DARYL CARTER PKWY	
		114+30.77 to 114+67.20	LT			37.1			37.1				DARYL CARTER PKWY	
		114+30.77 to 114+67.21	RT			37.1			37.1				DARYL CARTER PKWY	
		114+67.20 to 114+67.21	LT/RT			6.5			6.5				DARYL CARTER PKWY	
		115+98.88 to 115+98.90	RT			6.1			6.1				DARYL CARTER PKWY	
		115+98.88 to 116+69.97	LT/RT			72.7			72.7				DARYL CARTER PKWY	
		115+98.90 to 116+09.15	RT			10.9			10.9				DARYL CARTER PKWY	
		116+09.15 to 116+78.10	RT			70.4			70.4				DARYL CARTER PKWY	
		116+69.97 to 120+91.34	LT			421.4			421.4				DARYL CARTER PKWY	
		120+91.34 to 121+80.56	LT			89.3			89.3				DARYL CARTER PKWY	
		121+80.06 to 121+80.56	LT/RT			16.8			16.8				DARYL CARTER PKWY	
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	107+78.07 to 108+02.50	LT		LF	25.6			25.6		1896		DARYL CARTER PKWY	
		108+02.50 to 108+13.15	LT			12.7			12.7				DARYL CARTER PKWY	
		108+08.63 to 108+27.67	RT			19.0			19.0				DARYL CARTER PKWY	
		108+08.84 to 108+09.19	RT			6.9			6.9				DARYL CARTER PKWY	
		108+08.84 to 108+28.99	RT			21.1			21.1				DARYL CARTER PKWY	
		108+09.19 to 108+43.07	RT			35.6			35.6				DARYL CARTER PKWY	
		108+13.15 to 108+22.69	LT			12.1			12.1				DARYL CARTER PKWY	
		108+28.99 to 108+69.22	RT			42.7			42.7				DARYL CARTER PKWY	
		108+35.56 to 108+35.96	LT			5.5			5.5				DARYL CARTER PKWY	
		108+35.56 to 108+87.53	LT			83.3			83.3				DARYL CARTER PKWY	
		108+35.96 to 108+70.06	LT			36.8			36.8				DARYL CARTER PKWY	
		108+43.07 to 108+46.97	RT			4.1			4.1				DARYL CARTER PKWY	
		108+46.97 to 109+29.48	RT			82.5			82.5				DARYL CARTER PKWY	
		108+69.22 to 108+71.02	RT			1.8			1.8				DARYL CARTER PKWY	
		108+70.06 to 108+71.85	LT			1.8			1.8				DARYL CARTER PKWY	
		108+71.02 to 108+92.10	RT			22.8			22.8				DARYL CARTER PKWY	
		108+71.85 to 108+86.19	LT			15.2			15.2				DARYL CARTER PKWY	
		108+86.19 to 109+26.17	LT			41.4			41.4				DARYL CARTER PKWY	
		108+87.53 to 108+92.31	LT			6.4			6.4				DARYL CARTER PKWY	
		108+92.10 to 109+47.87	RT			57.9			57.9				DARYL CARTER PKWY	
		108+92.31 to 109+27.38	LT			72.1			72.1				DARYL CARTER PKWY	
		109+26.17 to 109+27.38	LT			5.6			5.6				DARYL CARTER PKWY	
		109+29.48 to 109+33.94	RT			4.7			4.7				DARYL CARTER PKWY	
		109+33.94 to 109+48.44	RT			16.2			16.2				DARYL CARTER PKWY	
		109+47.87 to 109+48.44	RT			6.6			6.6				DARYL CARTER PKWY	
		114+76.32 to 114+77.08	LT			5.9			5.9				DARYL CARTER PKWY	
		114+76.32 to 115+12.89	LT			56.0			56.0				DARYL CARTER PKWY	
		114+77.08 to 115+03.60	LT			27.7			27.7				DARYL CARTER PKWY	
		114+80.52 to 114+81.83	RT			5.2			5.2				DARYL CARTER PKWY	
		114+80.52 to 115+06.82	RT			59.9			59.9				DARYL CARTER PKWY	
		114+81.83 to 115+16.95	RT			36.8			36.8				DARYL CARTER PKWY	

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REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-39

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY GROSS LENGTH	DEDUCTIONS TYPE	DEDUCTIONS LENGTH	NET LENGTH P	NET LENGTH F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0520 1 10	CONCRETE CURB & GUTTER, TYPE F (CONT'D)	115+03.60 to 115+23.21	LT		LF	20.9			20.9				DARYL CARTER PKWY	
		115+06.82 to 115+11.60	RT			6.4			6.4				DARYL CARTER PKWY	
		115+11.60 to 115+67.78	RT			88.4			88.4				DARYL CARTER PKWY	
		115+12.89 to 115+17.26	LT			5.3			5.3				DARYL CARTER PKWY	
		115+16.95 to 115+43.28	RT			28.3			28.3				DARYL CARTER PKWY	
		115+17.26 to 115+73.29	LT			66.6			66.6				DARYL CARTER PKWY	
		115+23.21 to 115+25.00	LT			1.8			1.8				DARYL CARTER PKWY	
		115+25.00 to 115+67.05	LT			45.2			45.2				DARYL CARTER PKWY	
		115+43.28 to 115+45.07	RT			1.8			1.8				DARYL CARTER PKWY	
		115+45.07 to 115+67.37	RT			23.8			23.8				DARYL CARTER PKWY	
		115+57.43 to 115+67.05	LT			19.8			19.8				DARYL CARTER PKWY	
		115+63.37 to 116+66.74	RT			116.6			116.6				DARYL CARTER PKWY	
		115+67.05 to 115+68.42	LT			2.0			2.0				DARYL CARTER PKWY	
		115+67.05 to 115+81.73	LT			15.6			15.6				DARYL CARTER PKWY	
		115+67.37 to 115+67.78	RT			5.6			5.6				DARYL CARTER PKWY	
		115+68.42 to 115+75.63	LT			8.1			8.1				DARYL CARTER PKWY	
		115+73.29 to 115+80.34	LT			7.1			7.1				DARYL CARTER PKWY	
		115+75.63 to 116+16.07	LT			41.7			41.7				DARYL CARTER PKWY	
		115+79.51 to 115+80.34	LT			0.8			0.8				DARYL CARTER PKWY	
		115+80.34 to 115+81.73	LT			12.7			12.7				DARYL CARTER PKWY	
		116+16.07 to 120+05.91	LT			389.8			389.8				DARYL CARTER PKWY	
		120+05.91 to 120+54.85	LT			50.2			50.2				DARYL CARTER PKWY	
		1011+63.50 to 1011+69.48	RT			6.0			6.0				POND 142B DRIVEWAY	
		1011+69.48 to 1011+92.46	RT			23.0			23.0				POND 142B DRIVEWAY	
		1011+92.46 to 1011+98.47	RT			6.0			6.0				POND 142B DRIVEWAY	
		1202+31.76 to 1202+37.73	RT			6.0			6.0				POND 141B1 DRIVEWAY	
		1202+37.73 to 1202+60.76	RT			23.1			23.1				POND 141B1 DRIVEWAY	
		1202+60.76 to 1202+66.81	RT			6.1			6.1				POND 141B1 DRIVEWAY	
		1232+19.42 to 1232+19.42	LT			6.0			6.0				POND 141B4 DRIVEWAY	
		1232+40.99 to 1232+40.99	LT			23.0			23.0				POND 141B4 DRIVEWAY	
		1232+46.74 to 1232+46.74	LT			6.0			6.0				POND 141B4 DRIVEWAY	
0520 5 11	TRAFFIC SEPARATOR, CONCRETE, TYPE I, 4' WIDE	25+47.11 to 25+47.11	LT/RT		LF	2.0			2.0		353		CENTRAL FLORIDA PKWY	
		27+72.82 to 28+95.24	RT			61.2			61.2				CENTRAL FLORIDA PKWY	
		28+95.15 28+95.24	RT			3.3			3.3				CENTRAL FLORIDA PKWY	
		27+72.82 27+72.82	LT/RT			113			113				CENTRAL FLORIDA PKWY	
		27+72.82 28+95.15	RT			61			61				CENTRAL FLORIDA PKWY	
		5510+11.29 to 5510+79.24	RT			112.8			112.8				TURKEY LAKE ROAD	
0520 6	SHOULDER GUTTER - CONCRETE	107+77.52 to 110+55.63	LT		LF	275.0			275.0		10888		RAMP ISLIP1	
		110+55.63 to 111+06.25	LT			50.7			50.7				RAMP ISLIP1	
		302+58.58 to 304+94.02	LT			235.2			235.2				RAMP IA_CFP	
		304+94.02 to 308+00.00	LT			306.0			306.0				RAMP IA_CFP	
		497+04.29 to 499+70.88	RT			266.6			266.6				RAMP IB_CFP	
		499+70.88 to 503+72.47	RT			397.7			397.7				RAMP IB_CFP	
		506+92.43 to 510+01.64	LT			307.9			307.9				RAMP IB_CFP	
		510+01.64 to 510+51.64	LT			51.1			51.1				RAMP IB_CFP	
		510+51.64 to 511+79.46	LT			126.9			126.9				RAMP IB_CFP	
		511+79.46 to 513+02.48	LT			119.9			119.9				RAMP IB_CFP	
		613+19.82 to 614+50.00	LT			130.8			130.8				RAMP IC_DCP	
		614+00.00 to 615+00.05	RT			99.9			99.9				RAMP IC_DCP	

REVISIONS

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-40

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY GROSS LENGTH	DEDUCTIONS TYPE	DEDUCTIONS LENGTH	NET LENGTH P	NET LENGTH F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0520 6	SHOULDER GUTTER - CONCRETE (CONT'D)	615+00.00 to 625+14.72	RT		LF	1013.3			1013.3				RAMP IC_DCP	
		709+08.26 to 709+81.71	LT			73.5			73.5				RAMP D DCP	
		709+81.71 to 714+49.85	LT			467.2			467.2				RAMP D DCP	
		714+49.85 to 717+26.89	LT			276.6			276.6				RAMP D DCP	
		7070+48.53 to 7078+71.11	LT			825.2			825.2				IWBCD2	
		7078+71.11 to 7081+71.11	LT			300.2			300.2				IWBCD2	
		7081+71.11 to 7097+59.19	LT			1588.1			1588.1				IWBCD2	
		569+49.91 R4 to 580+50.00 R4	RT			1100.1			1100.1				SR400 (I-4)	
		619+92.19 R4 to 622+59.51 R4	RT			267.5			267.5				SR400 (I-4)	
		622+59.51 R4 to 626+56.68 R4	RT			397.2			397.2				SR400 (I-4)	
		651+69.52 R4 to 660+97.66 R4	LT			928.1			928.1				SR400 (I-4)	
		657+65.48 R4 to 662+71.33 R4	RT			505.8			505.8				SR400 (I-4)	
		669+97.39 R4 to 670+68.60 R4	RT			71.2			71.2				SR400 (I-4)	
		681+99.83 R4 to 683+85.72 R4	LT			185.9			185.9				SR400 (I-4)	
		683+85.72 R4 to 686+39.89 R4	LT			254.3			254.3				SR400 (I-4)	
		629+22.62 R4 to 633+17.27 R4	RT			266.0			266.0				SR400 (I-4)	
0520 70	CONCRETE TRAFFIC SEPARATOR, SPECIAL - VARIABLE WIDTH	104+22.62 to 106+34.03	LT/RT	326575	SY	345.8			345.8		346		DARYL CARTER PKWY	

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-41

SUMMARY OF PERMANENT BARRIER WALL

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	UNIT	QUANTITY P	QUANTITY F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0521 72 40	SHOULDER CONCRETE BARRIER, 38" OR 44" HEIGHT	636+88.12 R 4 to 639+87.95 R 4	LT	LF	300.0		5515		SR 400 (I-4)	
		639+87.95 R 4 to 648+36.32 R 4	LT		848.4				SR 400 (I-4)	
		660+97.66 R 4 to 663+00.00 R 4	LT		202.3				SR400 (I-4)	
		700+74.31 to 700+75.04	RT		8.1				RAMP D_DCP	
		700+75.03 to 700+89.97	RT		31.4				RAMP D_DCP	
		504+00.00 to 504+40.00	RT		39.9				RAMP IB_DCP	
		504+40.00 to 505+39.80	RT		99.8				RAMP IB_DCP	
		505+39.80 to 506+39.96	RT		100.5				RAMP IB_DCP	
		514+70.47 to 514+85.47	LT		29.2				RAMP IB_DCP	
		514+85.47 to 514+86.80	LT		9.4				RAMP IB_DCP	
		600+74.36 to 600+74.37	LT		5.4				RAMP IC_DCP	
		600+74.36 to 600+89.89	LT		39.1				RAMP IC_DCP	
		105+49.04 to 110+29.62	RT		480.6				RAMP ISLIP1	
		110+29.62 to 111+45.49	RT		115.6				RAMP ISLIP1	
		201+82.70 to 206+37.58	RT		454.5				RAMP ISLIP2	
		206+37.58 to 210+72.00	RT		434.4				RAMP ISLIP2	
		7065+44.17 to 7066+70.40	RT		126.3				IWBCD2	
		7066+70.40 to 7078+70.88	RT		1199.7				IWBCD2	
		7078+70.88 to 7082+18.72	RT		347.8				IWBCD2	
		7088+65.43 to 7095+00.88	RT		635.5				IWBCD2	
		7095+00.88 to 7095+00.88	RT		6.9				IWBCD2	
0521 72 41	SHOULDER CONCRETE BARRIER, RETAINING SECTION	651+18.12 R 4 to 660+97.66 R 4	LT	LF	979.5		1461		SR 400 (I-4)	
		102+68.51 to 104+07.94	LT		139.3				RAMP ISLIP1	
		104+07.94 to 107+50.00	LT		342.1				RAMP ISLIP1	

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REVISIONS			
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-42

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4" 0522 1 SY P	CONC SIDEWALK 4" 0522 1 SY F	CONC SIDEWALK 6" 0522 2 SY P	CONC SIDEWALK 6" 0522 2 SY F	DETECTABLE WARNINGS 0527 2 SF P	DETECTABLE WARNINGS 0527 2 SF F	DESIGN NOTES	CONSTRUCTION REMARKS
108+07.36 to 108+24.67	RT	235281			19.8						DARYL CARTER PKWY	
108+17.28 to 109+36.76	RT	247250			114.7						DARYL CARTER PKWY	
108+37.83 to 109+26.06	LT	247265			81.9						DARYL CARTER PKWY	
114+81.16 to 115+66.34	RT	247372			79.7						DARYL CARTER PKWY	
114+83.22 to 115+79.51	LT	247358			91.9						DARYL CARTER PKWY	
107+79.43 to 108+11.75	LT	235343					19.6				DARYL CARTER PKWY	
109+33.88 to 109+70.77	LT/RT	235600					42.7				DARYL CARTER PKWY	
114+30.77 to 114+61.80	LT/RT	235574					35.6				DARYL CARTER PKWY	
115+77.05 to 115+90.79	LT	228427					8.0				DARYL CARTER PKWY	
115+87.94 to 115+97.69	RT	235361					3.5				DARYL CARTER PKWY	
1011+63.44 to 1011+98.49	RT	285462					36.8				POND 142B	
1202+31.65 to 1202+67.01	RT	285472					37.7				POND 141B1	
1232+46.23 to 1232+46.23	LT	285481					36.9				POND 141B4	
107+97.79 to 108+11.75	LT	240007							24.3		DARYL CARTER PKWY	
108+18.43 to 108+30.36	RT	247515							18.8		DARYL CARTER PKWY	
108+38.82 to 108+47.14	LT	247497							16.4		DARYL CARTER PKWY	
109+15.12 to 109+24.84	LT	247487							16.2		DARYL CARTER PKWY	
109+22.58 to 109+35.56	RT	247523							19.7		DARYL CARTER PKWY	
109+33.88 to 109+46.92	LT/RT	240758							32.6		DARYL CARTER PKWY	
109+34.19 to 109+47.49	LT	240764							31.0		DARYL CARTER PKWY	
114+42.83 to 114+61.80	RT	240815							36.6		DARYL CARTER PKWY	
114+43.60 to 114+61.79	LT	240808							34.6		DARYL CARTER PKWY	
114+82.07 to 114+92.68	RT	247545							19.4		DARYL CARTER PKWY	
114+84.42 to 114+95.76	LT	247477							19.8		DARYL CARTER PKWY	
115+56.25 to 115+65.32	RT	247562							17.5		DARYL CARTER PKWY	
115+67.89 to 115+78.18	LT	247553							18.7		DARYL CARTER PKWY	
115+77.05 to 115+84.20	LT	240801							12.4		DARYL CARTER PKWY	
115+87.07 to 115+97.70	RT	240794							21.0		DARYL CARTER PKWY	
108+11.63 to 108+24.31	RT	240735							19.1		DARYL CARTER PKWY	
SUB-TOTAL:					388.0		220.8		358.1			
TOTAL:					388		221		358			

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STATE OF FLORIDA
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-43

SUMMARY OF DITCH PAVEMENT

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONCRETE SLOPE PAVEMENT - NON-REINF (3") 0524 2 1 SY P	 F	DESIGN NOTES	CONSTRUCTION REMARKS
643+91.47 R4 to 644+41.98 R4	RT	252771			154.4		SR 400 (I-4)	
644+41.93 R4 to 644+47.96 R4	RT	252797			1.7		SR 400 (I-4)	
644+41.93 R4 to 644+51.82 R4	RT	252779			27.7		SR 400 (I-4)	
644+44.50 R4 to 644+58.49 R4	LT	252847			90.0		SR 400 (I-4)	
644+50.41 R4 to 644+69.68 R4	RT	252785			45.7		SR 400 (I-4)	
644+54.55 R4 to 644+80.34 R4	LT	252833			122.8		SR 400 (I-4)	
644+84.70 R4 to 645+20.20 R4	LT	557619			498.0		SR 400 (I-4)	
645+16.05 R4 to 645+45.85 R4	RT	252803			96.3		SR 400 (I-4)	
645+19.41 R4 to 645+38.19 R4	LT	252861			67.5		SR 400 (I-4)	
645+29.88 R4 to 645+49.91 R4	RT	252817			67.5		SR 400 (I-4)	
645+34.88 R4 to 645+50.45 R4	LT	252873			61.4		SR 400 (I-4)	
645+49.87 R4 to 645+76.81 R4	RT	252828			73.8		SR 400 (I-4)	
645+50.38 R4 to 646+00.53 R4	LT	252885			153.4		SR 400 (I-4)	
				SUB-TOTAL:	1460.2			
				TOTAL:	1460			

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SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-44

SUMMARY OF GUARDRAIL

LOCATION STA. TO STA.			SIDE	GUARDRAIL, ROADWAY, GENERAL TL-3		SPECIAL GUARDRAIL POST-ENCASED POST FOR SHALLOW MOUNT		GUARDRAIL END TREATMENT - TRAILING ANCHORAGE		GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL		GUARDRAIL RESET		RUB RAIL		DESIGN NOTES	CONSTRUCTION REMARKS
				0536 1 1		0536 7 3		0536 85 20		0536 85 24		0538 1		0536 5 A			
				LF		EA		EA		EA		LF		LF			
				P	F	P	F	P	F	P	F	P	F	P	F		
568+94.12	to	580+31.62	RT	1137.5				1		1						BL400	
574+95.00	to	575+08.00	RT			2										BL400	
632+00.00	to	704+62.00	LT									7262.0				BL400	
641+53.68	to	645+68.03	RT									507.5				BL400	
669+97.39	to	671+75.76	RT	178.4				1								BL400	
683+39.80	to	685+77.30	RT	237.5				1		1						BL400	
707+79.40	to	708+10.65	RT	31.3												D DCP	
707+79.40	to	708+06.95	LT	27.6												D DCP	
708+06.95	to	708+57.89	LT	50.8												D DCP	
708+10.65	to	708+31.35	RT	20.7												D DCP	
708+31.35	to	709+32.00	RT	101.2						1						D DCP	
708+57.89	to	709+81.73	LT	123.8												D DCP	
709+52.00	to	709+65.00	LT			2										D DCP	
709+81.73	to	710+70.25	LT	88.3						1						D DCP	
502+53.44	to	503+19.21	RT	65.6						1						IB DCP	
503+19.21	to	503+69.31	RT	50.1												IB DCP	
503+69.31	to	504+00.61	RT	31.3												IB DCP	
511+83.73	to	512+49.35	LT	65.6						1						IB DCP	
512+49.35	to	512+99.35	LT	50												IB DCP	
512+99.35	to	513+30.60	LT	31.3												IB DCP	
400+06.25	to	400+90.66	RT	84.4						1						IC CFP	
618+11.63	to	625+14.72	RT	702.1						1						IC DCP	
107+49.40	to	107+80.65	LT	31.3												ISLIP1	
107+80.65	to	108+30.65	LT	50												ISLIP1	
108+30.65	to	108+96.27	LT	65.6						1						ISLIP1	
210+71.40	to	211+55.77	RT	84.4						1						ISLIP2	
7071+27.31	to	7072+11.99	RT	84.4						1						IWBCD2	
SUB-TOTAL:				3393.2		4		3		11		7769.5					
TOTAL:				3393		4		3		11		7769					

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-45

SUMMARY OF PERMANENT CRASH CUSHIONS

LOCATION	SIDE	BARRIER SYSTEM		DESIGN LENGTH	DESIGN SPEED	CRASH TEST LEVEL	HAZARD WIDTH	LENGTH RESTRICTION	CRASH CUSHION 0544 75 1		DESIGN NOTES	CONSTRUCTION REMARKS
STATION		CONCRETE BARRIER WALL	GUARDRAIL	FT	MPH	TL-2 / TL-3	IN	FT	P	F		
7069+60.00	RT	IWBCD2		25	60	TL-3	24	N/A	1		IWBCD2	
								SUB-TOTAL:	1			
								TOTAL:	1			

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-46

SUMMARY OF FENCING

PAY ITEM NO.	DESCRIPTION	LOCATION STA. TO STA.	SIDE	UNIT	QUANTITY P	QUANTITY F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0550 10120	FENCING, TYPE A, 5.1- 6.0', STANDARD	623+28.17 R 4 to 631+55.33 R 4	RT	LF	827.2		9835		SR 400 (I-4)	
		623+28.17 R 4 to 623+65.16 R 4	RT		47.4				SR 400 (I-4)	
		631+55.33 R 4 to 633+78.06 R 4	RT		223.8				SR 400 (I-4)	
		633+78.06 R 4 to 636+80.52 R 4	RT		309.4				SR 400 (I-4)	
		636+80.52 R 4 to 639+33.59 R 4	RT		255.8				SR 400 (I-4)	
		636+99.95 R 4 to 637+00.02 R 4	LT		90.1				SR 400 (I-4)	
		637+00.02 R 4 to 639+06.31 R 4	LT		212.6				SR 400 (I-4)	
		639+04.52 R 4 to 639+06.31 R 4	LT		14.5				SR 400 (I-4)	
		639+04.52 R 4 to 643+37.05 R 4	LT		435.9				SR 400 (I-4)	
		639+33.59 R 4 to 639+82.90 R 4	RT		52.5				SR 400 (I-4)	
		639+82.90 R 4 to 640+64.01 R 4	RT		81.6				SR 400 (I-4)	
		640+64.01 R 4 to 640+80.99 R 4	RT		26.6				SR 400 (I-4)	
		640+80.99 R 4 to 643+78.83 R 4	RT		298.9				SR 400 (I-4)	
		643+37.05 R 4 to 643+94.23 R 4	LT		63.2				SR 400 (I-4)	
		643+78.77 R 4 to 643+78.83 R 4	RT		33.1				SR 400 (I-4)	
		643+78.77 R 4 to 643+84.73 R 4	RT		8.5				SR 400 (I-4)	
		643+84.73 R 4 to 643+97.44 R 4	RT		12.7				SR 400 (I-4)	
		643+94.23 R 4 to 643+94.23 R 4	LT		11.1				SR 400 (I-4)	
		643+94.23 R 4 to 644+02.10 R 4	LT		7.9				SR 400 (I-4)	
		643+97.43 R 4 to 644+13.71 R 4	RT		16.3				SR 400 (I-4)	
		643+97.43 R 4 to 643+97.44 R 4	RT		17.0				SR 400 (I-4)	
		644+02.10 R 4 to 644+14.22 R 4	LT		12.1				SR 400 (I-4)	
		645+77.99 R 4 to 645+81.44 R 4	RT		3.5				SR 400 (I-4)	
		645+81.44 R 4 to 645+92.44 R 4	RT		11.0				SR 400 (I-4)	
		645+92.42 R 4 to 649+81.08 R 4	RT		388.7				SR 400 (I-4)	
		645+92.42 R 4 to 645+92.44 R 4	RT		56.0				SR 400 (I-4)	
		649+81.08 R 4 to 654+03.74 R 4	RT		423.8				SR 400 (I-4)	
		649+81.08 R 4 to 649+81.08 R 4	RT		146.5				SR 400 (I-4)	
		651+94.41 R 4 to 651+96.16 R 4	LT		12.2				SR 400 (I-4)	
		651+96.16 R 4 to 652+97.35 R 4	LT		102.2				SR 400 (I-4)	
		652+97.35 R 4 to 653+14.67 R 4	LT		27.2				SR 400 (I-4)	
		653+14.67 R 4 to 653+67.63 R 4	LT		53.4				SR 400 (I-4)	
		653+67.63 R 4 to 653+78.22 R 4	LT		10.7				SR 400 (I-4)	
		653+78.22 R 4 to 654+27.22 R 4	LT		49.8				SR 400 (I-4)	
		654+03.74 R 4 to 654+16.00 R 4	RT		35.2				SR 400 (I-4)	
		654+16.00 R 4 to 657+02.64 R 4	RT		287.4				SR 400 (I-4)	
		654+27.19 R 4 to 655+24.68 R 4	LT		100.1				SR 400 (I-4)	
		655+24.68 R 4 to 658+65.15 R 4	LT		340.7				SR 400 (I-4)	
		657+02.64 R 4 to 661+20.23 R 4	RT		420.9				SR 400 (I-4)	
		658+65.15 R 4 to 665+76.22 R 4	LT		711.7				SR 400 (I-4)	
		661+20.23 R 4 to 663+82.78 R 4	RT		263.7				SR 400 (I-4)	
		663+82.78 R 4 to 665+76.62 R 4	RT		207.4				SR 400 (I-4)	
		665+76.22 R 4 to 670+42.79 R 4	LT		466.7				SR 400 (I-4)	
		670+42.79 R 4 to 673+17.18 R 4	LT		274.6				SR 400 (I-4)	
		673+17.18 R 4 to 681+67.87 R 4	LT		850.7				SR 400 (I-4)	
		676+28.88 R 4 to 677+13.88 R 4	RT		85.0				SR 400 (I-4)	
		681+67.88 R 4 to 692+61.77 R 4	LT		1094.1				SR 400 (I-4)	
		692+61.77 R 4 to 692+66.72 R 4	LT		39.9				SR 400 (I-4)	
		692+66.72 R 4 to 695+79.49 R 4	LT		314.1				SR 400 (I-4)	

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-47

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
563+99.96 R 4 to 584+00.00 R 4	LT	254752			2305.9		SR 400 (I-4)	
563+99.99 R 4 to 584+00.00 R 4	LT/RT	254745			3392.2		SR 400 (I-4)	
564+00.00 R 4 to 584+00.00 R 4	RT	255419			2588.0		SR 400 (I-4)	
566+00.00 R 4 to 583+50.48 R 4	RT	559941			3876.8		SR 400 (I-4)	
566+00.00 R 4 to 583+50.48 R 4	RT	559918			1630.9		SR 400 (I-4)	
567+00.00 R 4 to 583+50.48 R 4	RT	559897			2408.8		SR 400 (I-4)	
619+59.74 R 4 to 620+00.00 R 4	RT	399413			274.4		SR 400 (EB I-4)	
620+00.00 R 4 to 621+00.00 R 4	RT	399443			598.5		SR 400 (EB I-4)	
621+00.00 R 4 to 622+00.00 R 4	RT	400848			558.3		SR 400 (EB I-4)	
622+00.00 R 4 to 623+00.00 R 4	RT	400862			516.9		SR 400 (EB I-4)	
623+00.00 R 4 to 624+00.00 R 4	RT	400875			699.5		SR 400 (EB I-4)	
624+00.00 R 4 to 625+00.00 R 4	RT	400889			839.2		SR 400 (I-4)	
625+00.00 R 4 to 625+98.80 R 4	RT	400901			818.1		SR 400 (EB I-4)	
625+93.52 R 4 to 626+52.24 R 4	RT	401003			454.7		SR 400 (EB I-4)	
626+46.96 R 4 to 627+52.02 R 4	RT	401010			816.9		SR 400 (EB I-4)	
627+47.20 R 4 to 628+51.77 R 4	RT	401019			750.6		SR 400 (EB I-4)	
629+77.02 R 4 to 634+79.49 R 4	LT/RT	256958			747.7		SR 400 (EB I-4)	
629+77.02 R 4 to 634+79.49 R 4	LT/RT	256952			619.5		SR 400 (EB I-4)	
629+77.02 R 4 to 634+79.49 R 4	RT	257086			737.1		SR 400 (EB I-4)	
633+81.12 R 4 to 634+44.74 R 4	LT	262777			12.9		SR 400 (I-4)	
633+81.13 R 4 to 638+41.67 R 4	LT	621165			1978.4		SR 400 (I-4)	
633+81.29 R 4 to 638+41.99 R 4	LT	257247			573.5		SR 400 (I-4)	
634+54.58 R 4 to 636+52.63 R 4	LT	621135			134.8		SR 400 (I-4)	
634+59.46 R 4 to 635+64.07 R 4	LT	621160			89.7		SR 400 (I-4)	
636+98.95 R 4 to 638+41.27 R 4	LT	621119			205.8		SR 400 (I-4)	
636+98.97 R 4 to 637+61.54 R 4	LT	621130			529.2		SR 400 (I-4)	
637+61.45 R 4 to 638+60.05 R 4	LT	348748			1059.1		SR 400 (I-4)	
638+60.05 R 4 to 639+57.78 R 4	LT	348740			846.7		SR 400 (I-4)	
638+60.05 R 4 to 639+57.78 R 4	LT	348763			182.7		SR 400 (I-4)	
639+57.78 R 4 to 640+54.99 R 4	LT	348769			137.2		SR 400 (I-4)	
639+57.78 R 4 to 640+54.99 R 4	LT	348735			870.5		SR 400 (I-4)	
640+54.99 R 4 to 641+52.54 R 4	LT	348775			137.6		SR 400 (I-4)	
640+54.99 R 4 to 641+52.54 R 4	LT	348729			830.4		SR 400 (I-4)	
641+23.73 R 4 to 641+23.73 R 4	LT	250864			4120.2		SR 400 (I-4) (POND 140B1)	
641+35.78 R 4 to 641+35.78 R 4	LT	250741			2093.6		SR 400 (I-4) (POND 140B1)	
641+52.54 R 4 to 642+52.87 R 4	LT	348780			139.9		SR 400 (I-4)	
641+52.54 R 4 to 642+52.87 R 4	LT	348723			886.7		SR 400 (I-4)	
642+52.87 R 4 to 643+53.21 R 4	LT	348785			140.1		SR 400 (I-4)	
642+52.87 R 4 to 643+53.21 R 4	LT	348716			958.0		SR 400 (I-4)	
643+53.21 R 4 to 644+11.66 R 4	LT	348790			181.9		SR 400 (I-4)	
643+53.21 R 4 to 644+11.73 R 4	LT	349053			868.2		SR 400 (I-4)	
662+75.05 R 4 to 686+11.17 R 4	RT	621335			13551.0		SR 400 (I-4)	
118+72.90 to 118+72.90	LT	510390			2695.7		DARYL CARTER PKWY	
700+92.71 to 702+09.01	RT	339150			822.1		RAMP D_DCP	
702+00.00 to 703+00.00	RT	339334			265.7		RAMP D_DCP	
702+07.72 to 703+08.87	RT	339341			149.0		RAMP ISLIP1	
703+00.00 to 704+00.00	RT	339368			264.6		RAMP D_DCP	
703+07.35 to 704+09.05	RT	339373			160.9		RAMP ISLIP1	
				SUB-TOTAL:	59520.1			
				TOTAL:	336499			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
P.E. License No. 61806
AECOM TECHNICAL SERVICES, Inc.
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-48

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
704+00.00 to 705+00.00	RT	339394			264.6		RAMP D_DCP	
704+07.45 to 705+08.63	RT	339399			107.4		RAMP ISLIP1	
704+19.04 to 704+19.04	RT	250964			3429.6		RAMP D_DCP (POND 140B2)	
704+24.30 to 704+24.30	RT	250929			1332.5		SR 400 (I-4) (POND 140B2)	
705+00.00 to 706+00.00	RT	339438			268.5		RAMP D_DCP	
705+07.99 to 706+07.92	RT	339449			55.4		RAMP ISLIP1	
706+00.00 to 707+00.00	RT	339488			264.9		RAMP D_DCP	
706+07.24 to 707+07.00	RT	339494			56.4		RAMP ISLIP1	
707+00.00 to 707+84.07	RT	339614			157.9		RAMP ISLIP1	
707+23.76 to 711+28.08	RT	263411			651.2		RAMP ISLIP1	
707+54.75 to 708+05.49	RT	339676			28.7		RAMP ISLIP1	
708+04.58 to 709+03.04	RT	404080			84.6		RAMP ISLIP1	
709+02.55 to 710+01.50	RT	404059			37.3		RAMP ISLIP1	
709+55.41 to 709+55.41	RT	403965			1290.7		RAMP D_DCP	
710+00.87 to 711+00.34	RT	404038			92.6		RAMP D_DCP	
711+00.00 to 711+51.26	RT	339804			48.5		RAMP ISLIP1	
712+00.00 to 712+18.26	RT	408876			11.3		RAMP D_DCP	
306+00.00 to 307+00.00	LT	402835			151.4		RAMP IA_CFP	
307+00.00 to 308+00.00	LT	402823			182.3		RAMP IA_CFP	
308+00.00 to 310+36.97	LT	402809			679.3		RAMP IA_CFP	
499+00.00 to 500+00.00	RT	401026			657.7		SR 400 (EB I-4)	
500+00.00 to 501+00.00	RT	401034			566.8		SR 400 (EB I-4)	
501+00.00 to 502+00.00	RT	401041			454.5		SR 400 (EB I-4)	
502+00.00 to 503+00.00	RT	401048			347.5		RAMP IB_DCP	
502+09.79 to 502+09.79	LT	408491			494.0		SR 400 (EB I-4)	
503+00.00 to 504+00.00	RT	401074			291.0		RAMP IB_DCP	
503+15.28 to 514+61.41	LT	260493			2078.9		SR 400 (EB I-4)	
503+16.66 to 514+62.70	LT	258952			2028.6		SR 400 (EB I-4)	
504+00.00 to 505+00.00	RT	401435			258.4		RAMP IB_DCP	
505+00.00 to 506+00.00	RT	401454			262.3		RAMP IB_DCP	
505+55.39 to 514+68.44	RT	566737			1744.9		SR 400 (EB I-4)	
506+00.00 to 507+00.00	RT	401461			203.8		RAMP IB_DCP	
507+00.00 to 508+00.00	RT	401468			188.6		RAMP IB_DCP	
507+72.68 to 507+72.68	LT	408110			7978.7		SR 400 (EB I-4)	
508+00.00 to 509+00.00	RT	401474			167.4		RAMP IB_DCP	
509+00.00 to 510+00.00	RT	401479			162.7		RAMP IB_DCP	
509+31.90 to 509+31.90	LT	407529			3459.4		RAMP IB_DCP	
510+00.00 to 511+00.00	RT	401485			173.7		RAMP IB_DCP	
510+87.06 to 510+87.06	LT	407251			1102.9		RAMP IB_DCP	
511+00.00 to 512+00.00	RT	401493			302.7		RAMP IB_DCP	
512+00.00 to 513+00.00	RT	401512			380.8		RAMP IB_DCP	
513+00.00 to 514+00.00	RT	401531			358.8		RAMP IB_DCP	
514+00.00 to 514+80.91	RT	401555			233.1		RAMP IB_DCP	
392+99.12 to 392+99.12	RT	402718			137.8		RAMP IWBCD2	
394+99.12 to 394+99.12	RT	402687			197.9		RAMP IWBCD2	
395+99.12 to 395+99.12	RT	402674			285.6		RAMP IWBCD2	
396+99.12 to 396+99.12	RT	402659			373.3		RAMP IWBCD2	
396+99.12 to 396+99.12	RT	402644			461.2		RAMP IWBCD2	
SUB-TOTAL:					34548.1			

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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	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-49

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
397+99.12 to 397+99.12	RT	402629			548.9		RAMP IWBCD2	
399+99.12 to 399+99.12	RT	402610			636.7		RAMP IWBCD2	
400+00.00 to 401+00.99	RT	402591			720.7		RAMP IWBCD2	
401+00.49 to 402+02.27	RT	402552			836.1		RAMP IWBCD2	
402+00.85 to 403+03.70	RT	402516			924.3		RAMP IWBCD2	
403+01.32 to 404+05.14	RT	402451			975.9		RAMP IWBCD2	
404+01.91 to 405+04.93	RT	402322			961.9		RAMP IWBCD2	
405+02.68 to 406+04.11	RT	402258			942.8		RAMP IWBCD2	
405+05.68 to 406+01.66	LT	408881			88.3		RAMP IA_CFP	
406+01.10 to 407+02.09	LT	402797			136.5		RAMP IA_CFP	
406+02.86 to 407+03.91	RT	402240			933.5		RAMP IA_CFP	
407+01.48 to 408+02.45	LT	402788			182.3		RAMP IA_CFP	
407+02.58 to 408+03.63	RT	402220			979.7		RAMP IA_CFP	
408+01.22 to 409+03.36	RT	402172			1063.1		RAMP IWBCD2	
408+01.87 to 409+35.60	LT	402770			560.1		RAMP IA_CFP	
408+99.97 to 409+99.85	RT	402139			622.7		RAMP IWBCD2	
600+92.65 to 602+00.00	LT	294138			207.6		SR 400 (I-4)	
600+97.60 to 601+29.49	LT	262370			45.8		SR 400 (I-4)	
600+99.39 to 610+49.26	LT	294184			1594.0		SR 400 (I-4)	
601+07.27 to 604+32.00	LT	262220			1023.8		SR 400 (I-4)	
601+08.32 to 612+91.06	LT	261624			10651.3		SR 400 (EB I-4)	
601+08.93 to 612+91.57	LT	261145			1680.4		SR 400 (EB I-4)	
601+17.13 to 604+44.12	RT	262174			284.0		RAMP IC_DCP	
601+26.62 to 604+32.00	LT	262316			266.2		SR 400 (I-4)	
601+45.74 to 603+98.22	LT	262182			308.4		SR 400 (I-4)	
602+00.00 to 603+00.00	LT	294132			107.1		SR 400 (I-4)	
603+00.00 to 604+00.00	LT	294127			107.1		SR 400 (I-4)	
603+02.90 to 603+02.90	RT	293948			5999.5		RAMP IC_DCP	
604+00.00 to 605+00.00	LT	294118			236.3		SR 400 (I-4)	
605+00.00 to 606+00.00	RT	294079			280.8		RAMP IC_DCP	
605+00.00 to 606+00.00	LT	294110			313.5		SR 400 (I-4)	
606+00.00 to 607+01.11	RT	294085			486.3		RAMP IC_DCP	
606+00.00 to 607+01.11	LT	294105			315.3		SR 400 (I-4)	
607+01.11 to 608+02.81	LT	294100			191.4		SR 400 (I-4)	
607+01.11 to 608+02.81	RT	294095			686.7		SR 400 (I-4)	
608+02.81 to 609+05.21	RT	294210			947.2		RAMP IC_DCP	
608+02.81 to 609+05.21	LT	294216			97.6		SR 400 (I-4)	
609+01.34 to 612+49.75	RT	568854			535.2		SR 400 (I-4) (POND C)	
609+05.21 to 610+07.37	RT	294233			764.2		RAMP IC_DCP	
609+05.21 to 610+07.37	LT	294250			96.0		SR 400 (I-4)	
609+46.78 to 617+01.40	RT	251698			2132.5		SR 400 (I-4) (POND C)	
610+07.37 to 611+08.34	RT	294368			859.7		RAMP IC_DCP	
610+07.37 to 611+08.34	LT	294268			188.2		SR 400 (I-4)	
611+08.34 to 612+05.80	RT	294281			884.9		RAMP IC_DCP	
611+08.34 to 612+05.80	LT	294288			189.2		SR 400 (I-4)	
612+05.80 to 613+07.47	RT	294340			943.8		RAMP IC_DCP	
612+05.80 to 613+07.47	LT	294322			194.5		SR 400 (I-4)	
612+64.55 to 617+84.77	RT	568727			2991.6		SR 400 (I-4) (POND C)	
SUB-TOTAL:					46723.6			

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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	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-50

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
612+84.32 to 613+11.70	LT	406437			73.4		SR 400 (I-4)	
613+05.48 to 613+05.48	RT	251721			4287.4		SR 400 (I-4) (POND C)	
613+07.47 to 614+11.89	LT	406622			525.9		SR 400 (I-4)	
613+07.47 to 614+08.68	RT	401574			943.7		RAMP IC_DCP	
614+08.68 to 615+10.10	RT	401734			919.6		RAMP IC_DCP	
614+08.68 to 615+10.10	RT	401727			22.9		RAMP IC_DCP	
614+59.54 to 614+59.54	LT	406575			441.6		SR 400 (I-4)	
615+10.10 to 616+11.83	RT	401754			23.0		RAMP IC_DCP	
615+10.10 to 616+11.83	RT	401747			926.3		RAMP IC_DCP	
615+10.10 to 616+13.35	LT	406694			355.9		SR 400 (I-4)	
616+11.83 to 616+91.79	LT	406755			205.1		SR 400 (I-4)	
616+11.83 to 616+90.80	RT	294948			693.7		RAMP IC_DCP	
616+11.83 to 616+90.80	RT	401759			17.5		RAMP IC_DCP	
616+90.80 to 617+90.56	LT	406820			175.7		SR 400 (I-4)	
617+40.56 to 617+40.56	RT	408535			884.2		RAMP IC_DCP	
618+61.53 to 618+61.53	LT	406914			171.4		SR 400 (I-4)	
7060+28.53 to 7062+13.99	LT/RT	404095			129.6		SR 400 (I-4)	
7062+13.32 to 7063+15.62	LT/RT	347861			181.7		SR 400 (I-4)	
7063+14.44 to 7064+16.90	LT/RT	347866			260.7		SR 400 (I-4)	
7064+15.14 to 7065+16.58	LT/RT	347871			329.0		SR 400 (I-4)	
7065+12.58 to 7066+16.32	LT/RT	347878			241.9		SR 400 (I-4)	
7066+14.36 to 7067+18.31	RT	347886			276.7		SR 400 (I-4)	
7067+16.11 to 7068+19.92	RT	347892			374.4		SR 400 (I-4)	
7068+18.19 to 7069+21.25	RT	347897			464.3		SR 400 (I-4)	
7069+20.52 to 7070+00.00	RT	347902			274.7		SR 400 (I-4)	
7069+27.50 to 7090+31.56	RT	406151			1609.8		SR 400 (I-4)	
7069+27.69 to 7090+31.61	RT	259718			2644.2		SR 400 (I-4)	
7069+28.02 to 7090+31.65	RT	259370			1695.4		SR 400 (I-4)	
7070+00.00 to 7071+00.00	RT	347910			390.6		SR 400 (I-4)	
7071+00.00 to 7072+00.00	RT	347915			455.6		SR 400 (I-4)	
7072+00.00 to 7073+00.00	RT	347920			512.7		SR 400 (I-4)	
7073+00.00 to 7074+00.00	RT	347926			561.9		SR 400 (I-4)	
7074+00.00 to 7075+00.00	RT	347932			603.5		SR 400 (I-4)	
7075+00.00 to 7080+00.00	RT	349096			3299.5		SR 400 (I-4)	
7080+00.00 to 7081+00.00	RT	347964			681.6		SR 400 (I-4)	
7081+00.00 to 7082+00.00	RT	347969			686.5		SR 400 (I-4)	
7082+00.00 to 7083+00.00	RT	347974			682.0		SR 400 (I-4)	
7083+00.00 to 7084+00.00	RT	347980			647.6		SR 400 (I-4)	
7084+00.00 to 7085+00.00	RT	347986			606.8		SR 400 (I-4)	
7085+00.00 to 7086+00.00	RT	347991			548.6		SR 400 (I-4)	
7086+00.00 to 7087+00.00	RT	347996			475.6		SR 400 (I-4)	
7087+00.00 to 7088+00.00	RT	348002			399.8		SR 400 (I-4)	
7088+00.00 to 7089+00.00	RT	348010			324.2		SR 400 (I-4)	
7089+00.00 to 7090+00.00	RT	348017			239.6		SR 400 (I-4)	
7090+00.00 to 7091+00.00	RT	406239			335.0		SR 400 (I-4)	
7090+99.97 to 7092+00.00	RT	406280			309.2		SR 400 (I-4)	
7091+99.97 to 7093+00.00	RT	406318			284.7		SR 400 (I-4)	
7092+99.98 to 7094+00.00	RT	406353			169.0		SR 400 (I-4)	
SUB-TOTAL:					31363.7			

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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	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-51

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
7093+99.99 to 7094+90.66	RT	406418			60.3		SR 400 (I-4)	
11+68.60 to 12+43.28	LT	621185			461.0		LATDITCH2	
12+80.97 to 15+41.83	LT	621181			1625.8		LATDITCH2	
599+81.20 to 601+16.87	RT	403779			953.4		RAMP D_DCP POND 140 B3	
600+98.22 to 601+98.14	RT	341378			74.3		RAMP D_DCP POND 140 B3	
601+13.52 to 602+17.54	RT	341354			270.9		RAMP D_DCP POND 140 B3	
601+97.47 to 602+97.78	RT	341385			63.6		RAMP D_DCP POND 140 B3	
602+15.52 to 603+20.46	RT	341349			239.6		RAMP D_DCP POND 140 B3	
602+97.19 to 603+97.40	RT	341390			55.2		RAMP D_DCP POND 140 B3	
603+17.50 to 604+23.61	RT	341344			426.1		RAMP D_DCP POND 140 B3	
603+96.79 to 604+97.03	RT	341413			152.1		RAMP D_DCP POND 140 B3	
604+17.14 to 605+18.42	RT	341338			628.1		RAMP D_DCP POND 140 B3	
604+94.67 to 605+96.69	RT	341395			205.7		RAMP D_DCP POND 140 B3	
605+12.72 to 605+12.72	RT	251382			6740.0		RAMP D_DCP (POND 140B3)	
605+13.14 to 605+13.14	RT	341272			3812.1		RAMP D_DCP (POND 140B3)	
605+13.68 to 606+23.88	RT	341510			583.7		RAMP D_DCP POND 140 B3	
605+93.90 to 606+97.55	RT	403748			251.8		RAMP D_DCP POND 140 B3	
606+08.53 to 607+38.47	RT	341530			1300.8		RAMP D_DCP POND 140 B3	
606+93.07 to 610+53.90	RT	403725			2082.5		RAMP D_DCP POND 140B3	
607+23.01 to 608+34.46	RT	341553			934.7		RAMP D_DCP POND 140 B3	
607+48.47 to 608+00.00	RT	347406			138.3		RAMP IWBDC2 (POND 141B2)	
608+00.00 to 609+00.00	RT	347411			956.6		RAMP IWBDC2 (POND 141B2)	
608+24.52 to 609+36.12	RT	341302			754.5		RAMP D_DCP POND 140 B3	
608+34.44 to 608+34.44	RT	251283			1648.2		RAMP D_DCP (POND 140B3)	
609+00.00 to 610+00.00	LT/RT	347418			1688.1		RAMP IWBDC2 (POND 141B2)	
609+31.83 to 610+44.40	RT	347451			1122.6		RAMP IWBDC2 POND 104 B3	
610+00.00 to 611+00.00	LT/RT	347427			414.7		RAMP IWBDC2 (POND 141B1)	
610+13.15 to 646+56.27	LT	347026			3935.4		PONDS IWBCD2	
610+23.32 to 646+56.43	LT	346427			2074.0		PONDS IWBCD2	
610+39.22 to 611+00.00	RT	347460			984.4		RAMP IWBDC2 (POND 141B1)	
610+51.01 to 611+90.66	RT	403646			591.0		RAMP IWBCD2	
611+00.00 to 612+00.00	LT/RT	347434			281.3		RAMP IWBDC2 (POND 141B1)	
611+00.00 to 612+00.00	RT	347470			1217.7		RAMP IWBDC2 (POND 141B1)	
611+80.86 to 613+24.45	RT	403632			605.4		RAMP IWBCD2	
612+00.00 to 613+00.00	LT/RT	347440			777.8		RAMP IWBDC2 (POND 141B1)	
612+00.00 to 613+00.00	RT	347477			198.1		RAMP IWBDC2 (POND 141B1)	
612+36.58 to 612+36.58	RT	347387			2580.8		RAMP IWBDC2 (POND 141B1)	
612+36.58 to 612+36.58	RT	347341			4521.6		RAMP IWBDC2 (POND 141B1)	
613+00.00 to 614+00.00	LT/RT	347445			435.9		RAMP IWBDC2 (POND 141B1)	
613+00.00 to 614+00.00	RT	347482			1147.5		RAMP IWBDC2 (POND 141B1)	
613+08.23 to 614+49.12	RT	403618			602.5		RAMP IWBCD2	
614+00.00 to 615+00.00	LT/RT	347488			3640.9		RAMP IWBDC2 (POND 141B1)	
614+32.59 to 615+43.08	RT	403604			617.4		RAMP IWBCD2	
615+00.00 to 616+00.00	LT/RT	347500			1252.1		RAMP IWBDC2 (POND 141B2)	
615+00.00 to 616+00.00	RT	347509			219.1		RAMP IWBDC2 (POND 141B2)	
615+24.91 to 616+32.15	RT	403588			606.2		RAMP IWBCD2	
615+99.92 to 617+00.00	RT	347596			88.5		RAMP IWBDC2 (POND 141B2)	
616+00.00 to 617+00.00	LT	347521			64.5		RAMP IWBDC2 (POND 141B2)	
SUB-TOTAL:					54086.8			

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REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Scott Phillips, P.E.
P.E. License No. 61806
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150 N. Orange Avenue, Suite 200
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-52

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
616+16.36 to 616+94.05	RT	403576			464.6		RAMP IWBCD2	
616+79.23 to 617+75.36	RT	403563			584.2		RAMP IWBCD2	
617+00.00 to 618+00.00	LT/RT	347516			287.4		RAMP IWBDC2 (POND 141B2)	
617+00.00 to 618+00.00	RT	347591			266.1		RAMP IWBDC2 (POND 141B2)	
617+62.64 to 618+58.66	RT	403548			570.5		RAMP IWBCD2	
617+84.58 to 617+84.58	RT	340281			5353.2		RAMP IWBDC2 (POND 141B2)	
617+84.58 to 617+84.58	RT	340308			3030.7		RAMP IWBDC2 (POND 141B2)	
618+00.00 to 619+00.00	LT/RT	347528			331.7		RAMP IWBDC2 (POND 141B2)	
618+00.00 to 619+00.00	RT	347585			421.0		RAMP IWBDC2 (POND 141B2)	
618+47.91 to 619+43.70	RT	403535			564.2		RAMP IWBCD2	
619+00.00 to 619+63.99	LT	347533			82.9		RAMP IWBDC2 (POND 141B2)	
619+00.00 to 620+00.00	RT	347580			336.5		RAMP IWBDC2 (POND 141B2)	
619+34.86 to 620+30.22	RT	403523			565.5		RAMP IWBCD2	
620+00.00 to 621+00.00	RT	347570			94.2		RAMP IWBDC2 (POND 141B2)	
620+23.27 to 621+17.91	RT	403510			566.1		RAMP IWBCD2	
620+30.65 to 621+00.00	LT/RT	347538			168.3		RAMP IWBDC2 (POND 141B2)	
621+00.00 to 622+00.00	LT/RT	347542			2823.9		RAMP IWBDC2 (POND 141B2)	
621+13.05 to 625+96.17	RT	403488			2888.3		RAMP IWBCD2	
622+00.00 to 623+00.00	LT/RT	347551			1291.5		RAMP IWBDC2 (POND 141B3)	
623+00.00 to 624+00.00	LT/RT	347564			307.6		RAMP IWBDC2 (POND 141B3)	
623+00.00 to 624+00.00	RT	347602			104.2		RAMP IWBDC2 (POND 141B3)	
624+00.00 to 624+56.64	LT	347852			27.4		RAMP IWBDC2 (POND 141B3)	
624+00.00 to 625+00.00	RT	347607			188.2		RAMP IWBDC2 (POND 141B3)	
625+00.00 to 626+00.00	RT	347614			242.5		RAMP IWBDC2 (POND 141B3)	
625+34.02 to 626+00.00	LT	347848			39.4		RAMP IWBDC2 (POND 141B3)	
625+95.96 to 626+96.18	RT	403425			592.8		RAMP IWBCD2	
626+00.00 to 627+00.00	LT/RT	347841			260.7		RAMP IWBDC2 (POND 141B3)	
626+00.00 to 627+00.00	RT	347619			62.4		RAMP IWBDC2 (POND 141B3)	
626+95.98 to 627+96.19	RT	403411			593.8		RAMP IWBCD2	
627+00.00 to 628+00.00	LT/RT	347835			218.3		RAMP IWBDC2 (POND 141B3)	
627+00.00 to 628+00.00	RT	347625			44.7		RAMP IWBDC2 (POND 141B3)	
627+40.02 to 627+40.02	RT	340713			7184.3		RAMP IWBDC2 (POND 141B3)	
627+40.02 to 627+40.02	RT	340508			3989.8		RAMP IWBDC2 (POND 141B3)	
627+95.98 to 628+96.19	RT	403396			595.6		RAMP IWBCD2	
628+00.00 to 628+39.52	LT	347831			15.2		RAMP IWBDC2 (POND 141B3)	
628+00.00 to 629+00.00	RT	347631			285.1		RAMP IWBDC2 (POND 141B3)	
628+95.99 to 629+88.66	RT	403383			591.3		SR 400 (I-4)	
629+00.00 to 630+00.00	RT	347637			329.2		RAMP IWBDC2 (POND 141B3)	
629+80.26 to 630+00.00	LT	347827			4.3		RAMP IWBDC2 (POND 141B3)	
629+87.22 to 630+88.61	RT	403370			587.1		SR 400 (I-4)	
630+00.00 to 631+00.00	LT	347821			155.8		RAMP IWBDC2 (POND 141B3)	
630+00.00 to 631+00.00	RT	347643			117.6		RAMP IWBDC2 (POND 141B3)	
630+87.18 to 631+88.56	RT	403357			582.9		RAMP IWBCD2	
631+00.00 to 632+00.00	LT	347815			129.5		RAMP IWBDC2 (POND 141B3)	
631+00.00 to 632+00.00	RT	347648			424.7		RAMP IWBDC2 (POND 141B3)	
631+87.15 to 632+88.51	RT	403344			578.7		RAMP IWBCD2	
632+00.00 to 633+00.00	LT/RT	347653			1976.8		RAMP IWBDC2 (POND 141B3)	
632+87.11 to 633+88.47	RT	403331			574.4		RAMP IWBCD2	
SUB-TOTAL:					41495.1			

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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	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-53

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
633+00.00 to 634+00.00	LT/RT	347663			1388.9		RAMP IWBDC2 (PNDFPC141)	
633+87.07 to 634+88.42	RT	403318			570.3		SR 400 (I-4)	
634+00.00 to 635+00.00	LT/RT	347810			227.1		RAMP IWBDC2 (PNDFPC141)	
634+00.00 to 635+00.00	RT	347673			44.6		RAMP IWBDC2 (PNDFPC141)	
634+87.03 to 635+88.37	RT	403305			566.0		RAMP IWBCD2	
635+00.00 to 636+00.00	LT/RT	347803			310.4		RAMP IWBDC2 (PNDFPC141)	
635+00.00 to 636+00.00	RT	347678			44.4		RAMP IWBDC2 (PNDFPC141)	
635+37.53 to 635+37.53	RT	251449			3476.2		RAMP IWBDC2 (POND FPC141)	
635+37.54 to 635+37.54	RT	340748			2036.3		RAMP IWBDC2 (POND FPC141)	
635+86.99 to 636+88.38	RT	403292			573.3		RAMP IWBCD2	
636+00.00 to 637+00.00	LT/RT	347797			164.2		RAMP IWBDC2 (PNDFPC141)	
636+00.00 to 637+00.00	RT	347684			59.1		RAMP IWBDC2 (PNDFPC141)	
636+86.96 to 637+88.39	RT	403266			592.3		RAMP IWBCD2	
637+00.00 to 638+00.00	LT/RT	347690			2013.9		RAMP IWBDC2 (PNDFPC141)	
637+86.92 to 638+88.39	RT	403253			611.1		RAMP IWBCD2	
638+00.00 to 639+00.00	LT/RT	347790			704.9		RAMP IWBDC2 (PND141B4)	
638+00.00 to 639+00.00	RT	347702			165.9		RAMP IWBDC2 (PND141B4)	
638+86.88 to 639+88.40	RT	403240			622.5		RAMP IWBCD2	
639+00.00 to 640+00.00	LT	347785			124.9		RAMP IWBDC2 (PND141B4)	
639+00.00 to 640+00.00	RT	347709			139.8		RAMP IWBDC2 (PND141B4)	
639+86.84 to 640+87.78	RT	403227			640.6		RAMP IWBCD2	
640+00.00 to 641+00.00	LT/RT	347778			252.4		RAMP IWBDC2 (PND141B4)	
640+00.00 to 641+00.00	RT	347715			286.7		RAMP IWBDC2 (PND141B4)	
640+86.12 to 641+83.81	RT	403214			661.3		RAMP IWBCD2	
641+00.00 to 642+00.00	LT/RT	347772			236.7		RAMP IWBDC2 (PND141B4)	
641+00.00 to 642+00.00	RT	347721			446.5		RAMP IWBDC2 (PND141B4)	
641+81.91 to 642+78.90	RT	403202			674.0		RAMP IWBCD2	
641+88.68 to 641+88.68	RT	251597			5793.2		RAMP IWBDC2 (POND 141B4)	
641+94.21 to 641+94.21	RT	341138			3261.2		RAMP IWBDC2 (POND 141B4)	
642+00.00 to 643+00.00	LT/RT	347766			182.4		RAMP IWBDC2 (PND141B4)	
642+00.00 to 643+00.00	RT	347727			507.2		RAMP IWBDC2 (PND141B4)	
642+76.76 to 643+73.89	RT	403188			689.7		RAMP IWBCD2	
643+00.00 to 644+00.00	LT/RT	347761			493.7		RAMP IWBDC2 (PND141B4)	
643+00.00 to 644+00.00	RT	347734			120.1		RAMP IWBDC2 (PND141B4)	
643+71.55 to 644+68.74	RT	403174			674.8		RAMP IWBCD2	
644+00.00 to 645+00.00	RT	347739			195.3		RAMP IWBDC2 (PND141B4)	
644+00.00 to 644+56.87	LT/RT	347756			85.6		RAMP IWBDC2 (PND141B4)	
644+66.32 to 645+63.50	RT	402864			640.2		RAMP IWBCD2	
645+00.00 to 646+00.00	LT/RT	347744			1559.6		RAMP IWBDC2 (PND141B4)	
645+61.03 to 646+57.26	RT	402848			595.7		RAMP IWBCD2	
646+00.00 to 646+57.19	LT/RT	347751			2088.7		RAMP IWBDC2 (PND141B4)	
1004+67.48 to 1004+67.48	RT	510336			2170.4		RAMP IWBDC2 (POND 142B)	
1011+21.82 to 1011+21.82	RT	251472			11879.8		RAMP IWBDC2 (POND 142B)	
1011+22.93 to 1011+22.93	RT	341161			4457.1		RAMP IWBDC2 (POND 142B)	
1011+82.03 to 1011+82.03	RT	510292			13140.4		RAMP IWBDC2 (POND 142B)	
148+81.93 to 151+84.33	LT	621170			2592.1		TURKEY LAKE ROAD	
SUB-TOTAL:					68761.5			

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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	441113-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-54