

CONTRACT PLANS COMPONENTS

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNALIZATION PLANS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 439682-1-52-01

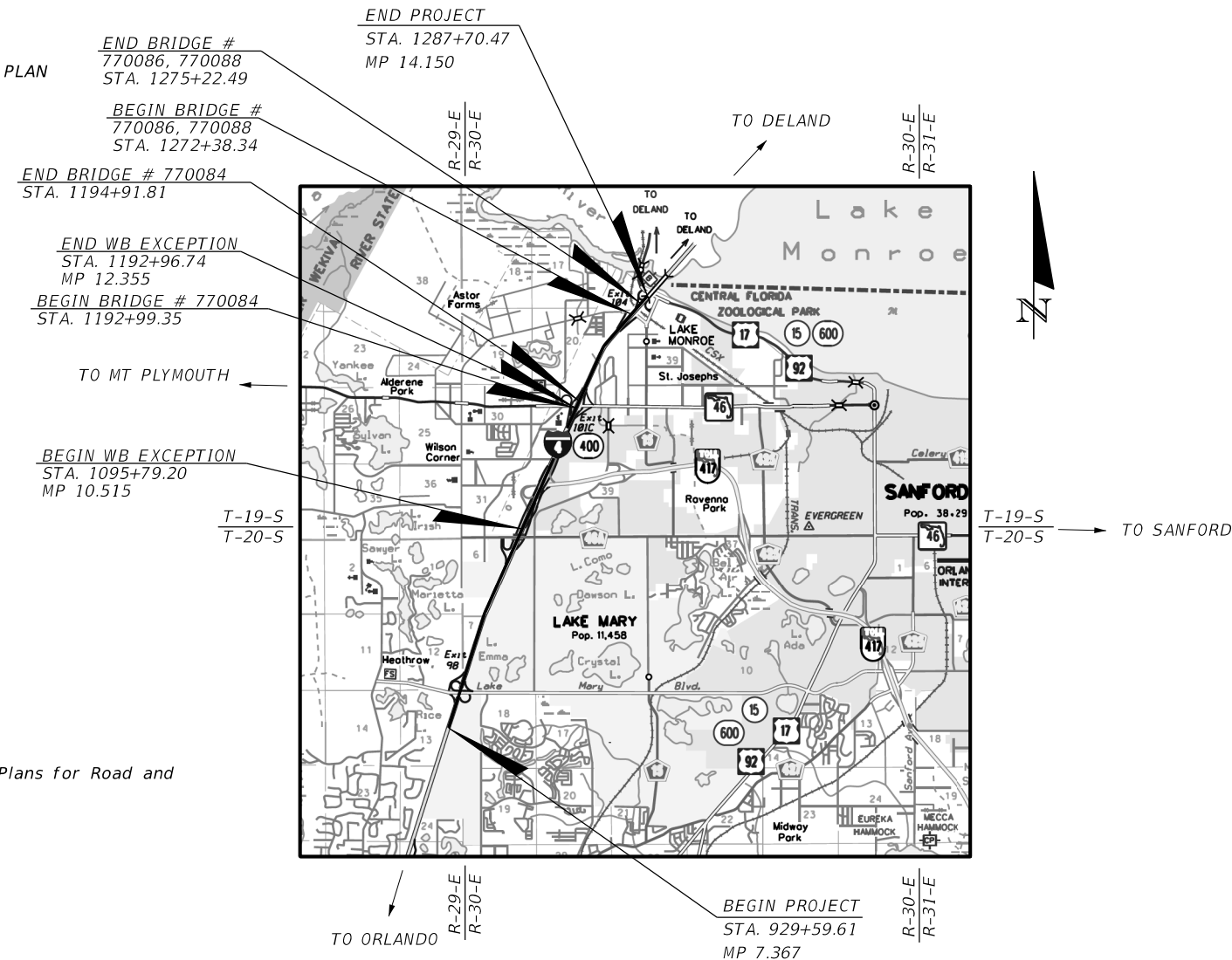
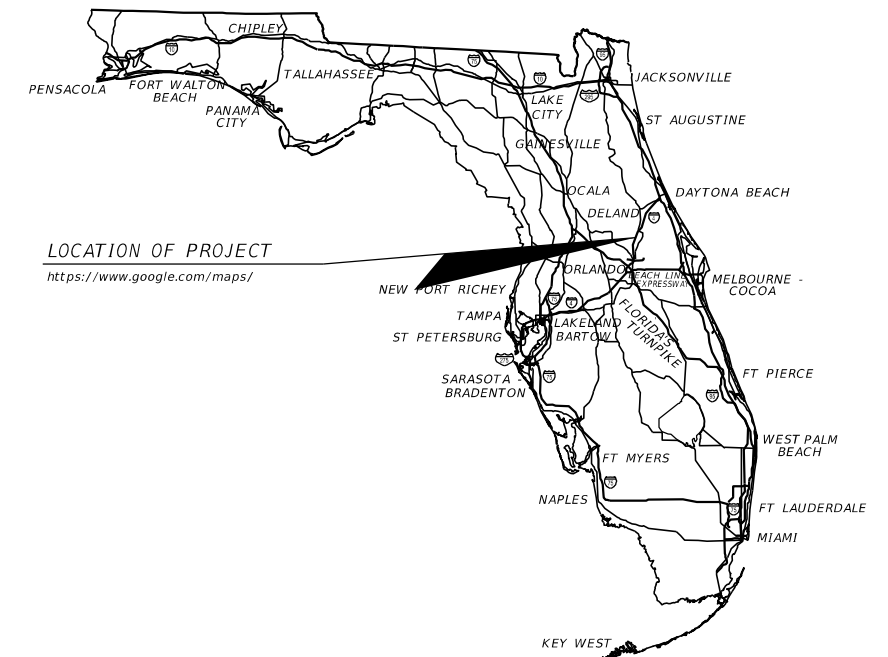
(FEDERAL FUNDS)

SEMINOLE COUNTY (77160)

STATE ROAD NO. 400 (1-4)
RESURFACING FROM WEST OF LAKE MARY BLVD. (MP 7.367)
TO SEMINOLE-VOLUSIA COUNTY LINE (MP 14.150) (WB ONLY)

INDEX OF ROADWAY PLANS

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GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2019-20 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, January 2020 Standard Specifications for Road and Bridge Construction at the following website:
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

**ROADWAY PLANS
ENGINEER OF RECORD:**

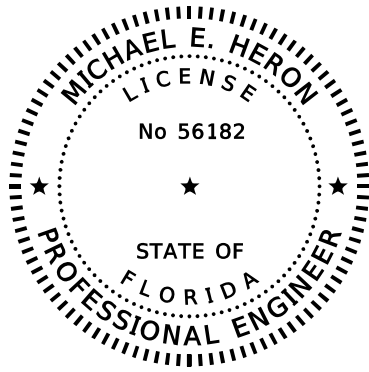
MICHAEL HERON, P.E.
P.E. NO.: 56182
STV INCORPORATED
111 NORTH ORANGE AVENUE, SUITE 1450
ORLANDO, FLORIDA 32801
(321) 418-6604
CONTRACT NO.: C9W94
VENDOR NO.: F131986759-001
CERTIFICATE OF AUTHORIZATION NO.: 390

FDOT PROJECT MANAGER:

TODD HELTON, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T5681	20	1

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



THIS ITEM HAS BEEN DIGITALLY
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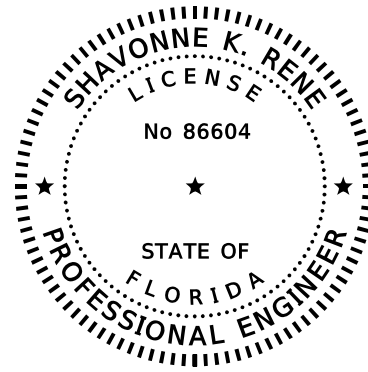
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STV INCORPORATED
111 North Orange Avenue, Suite 1450
Orlando, Florida 32801.
MICHAEL E. HERON, P.E. NO. 56182

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

ROADWAY PLANS

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STV INCORPORATED
111 North Orange Avenue, Suite 1450
Orlando, Florida 32801.
SHAVONNE K. RENE, P.E. NO. 86604

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

ROADWAY PLANS

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
2	SIGNATURE SHEET
38 - 39	STORMWATER POLLUTION PREVENTION PLAN

REVISIONS				MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		2
					SR 400	SEMINOLE	439682-1-52-01		

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 439682-1-52-01						
LEAD PROJECT : 439682-1-52-01		DISTRICT : 05		COUNTY/SECTION : 77160000		
PROJECT(S) : 43968215201		COUNTY : SEMINOLE				
0200 SUMMARY OF ROADWAY						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	43968215201	QUANTITY TOTAL
		0101- 1-	MOBILIZATION 43968215201	LS	1.000	1.000
		0102- 1-	MAINTENANCE OF TRAFFIC 43968215201	(LS)	1.000	1.000
		0102- 14-	TRAFFIC CONTROL OFFICER	HR	226.000	226.000
		0102- 60-	WORK ZONE SIGN	ED	8640.000	8640.000
		0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	44900.000	44900.000
		0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	110.000	110.000
		0102- 74- 7	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	LF	30.000	30.000
		0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	250.000	250.000
		0102- 78-	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA	3872.000	3872.000
		0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	309.000	309.000
		0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	600.000	600.000
		0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	600.000	600.000
		0102-150- 1	PORTABLE REGULATORY, SIGN	ED	300.000	300.000
		0102-150- 2	RADAR SPEED DISPLAY UNIT	ED	300.000	300.000
		0104- 10- 3	SEDIMENT BARRIER	LF	1479.000	1479.000
		0104- 18-	INLET PROTECTION SYSTEM	EA	79.000	79.000
		0107- 1-	LITTER REMOVAL	AC	655.500 N	655.500
		0107- 2-	MOWING	AC	544.910 N	544.910
		0110- 1- 1	CLEARING & GRUBBING 43968215201	(LS)	1.000	1.000
		0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	132.000	132.000
		0120- 2- 2	BORROW EXCAVATION, TRUCK MEASURE	CY	3.500	3.500
		0120- 71-	REGULAR EXCAVATION (3-R PROJECTS ONLY) 43968215201	LS	1.000	1.000
		0327- 70- 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	SY	40176.000	40176.000
		0327- 70- 5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	SY	6189.000	6189.000
		0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	3247.000	3247.000
		0327- 70- 11	MILLING EXIST ASPH PAVT, 2 1/4" AVG DEPTH	SY	54769.000	54769.000
		0327- 70- 15	MILLING EXIST ASPH PAVT, 2 3/4" AVG DEPTH	SY	59458.000	59458.000
		0327- 70- 17	MILLING EXIST ASPH PAVT, 3 1/4" AVG DEPTH	SY	50883.000	50883.000
		0327- 70- 19	MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH	SY	10164.000	10164.000
		0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	5832.200	5832.200
		0334- 1- 54	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC D, PG76-22	TN	17233.100	17233.100
		0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	6790.300	6790.300
		0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	TN	4122.300	4122.300
		0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	14.700	14.700
		0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	55.000	55.000
		0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	48.000	48.000
		0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	61.000	61.000
		0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	74.000	74.000
		0527- 2-	DETECTABLE WARNINGS	SF	80.000	80.000
		0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	194.000	194.000

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0200 SUMMARY OF ROADWAY						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	43968215201	QUANTITY TOTAL
		0536- 8- 13	APPROACH TRANSITION CONNECTION TO RIGID BARRIER, FURNISH AND INSTALL, TL-3	EA	1.000	1.000
		0536- 73-	GUARDRAIL REMOVAL	LF	192.000	192.000
		0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	1.000	1.000
		0538- 1-	GUARDRAIL RESET	LF	163.000	163.000
		0546- 72- 1	GROUND-IN RUMBLE STRIPS, 16"	GM	0.277	0.277
		0570- 1- 1	PERFORMANCE TURF	SY	85.000	85.000
		0570- 1- 2	PERFORMANCE TURF, SOD	SY	7234.000	7234.000
		0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	9.401	9.401
		0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.185	0.185
		0710- 11-103	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE MARKINGS, 12"	GM	2.139	2.139
		0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	245.000	245.000
		0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	645.000	645.000
		0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	351.000	351.000
		0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	12.560	12.560
		0710- 11-133	PAINTED PAVEMENT MARKING, STANDARD,WHITE, 3'-9' SKIP DROP LINE AND APPROACH TO TOLL PLAZA, 12" WIDE,	GM	2.912	2.912
		0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.036	0.036
		0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	15.000	15.000
		0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	67.000	67.000
		0710- 11-180	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, YIELD LINE	LF	45.000	45.000
		0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	9.024	9.024
		0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	8.000	8.000
		0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID 43968215201	LS	1.000 N	1.000

<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td>SR 400</td> <td>SEMINOLE</td> <td>439682-1-52-01</td> </tr> </table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 400	SEMINOLE	439682-1-52-01	SUMMARY OF PAY ITEMS SHEET NO. 3
REVISIONS																								
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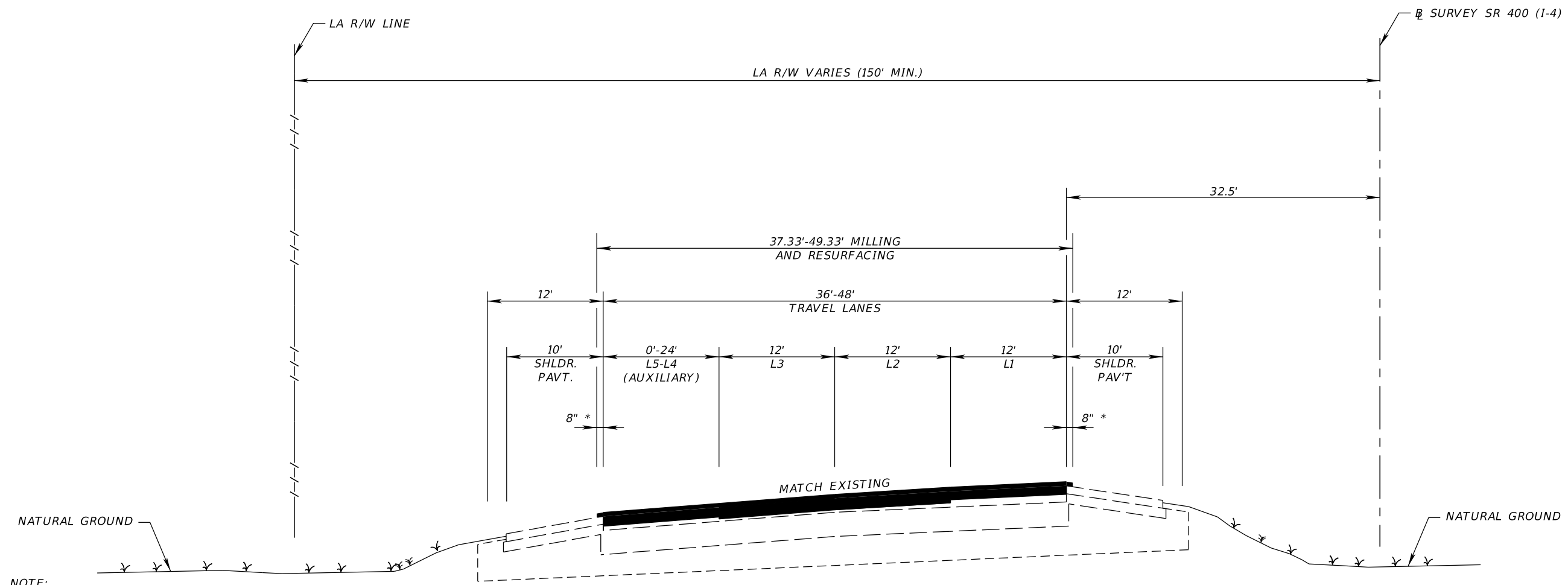
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LEAD PROJECT : 439682-1-52-01		DISTRICT : 05		COUNTY/SECTION : 77160000		
PROJECT(S) : 43968215201		COUNTY : SEMINOLE				
0300 SUMMARY OF SIGNING						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	43968215201	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	540.000	540.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	275.000	275.000
T		0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	30.000	30.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	7.000	7.000
		0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	585.000	585.000
		0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	1.000	1.000
		0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-11 SERVICE POLE	EA	1.000	1.000
		0676- 2-132	ITS CABINET, FURNISH & INSTALL, BASE MOUNT, 336S, 24" W X 46" H X 22" D	EA	1.000	1.000
P		0676- 2-500	ITS CABINET- ADJUST/MODIFY	EA	1.000	1.000
		0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	8.000	8.000
		0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	8.000	8.000
		0695- 7-600	TRAFFIC MONITORING SITE CABINET, REMOVE EXISTING CABINET	EA	6.000	6.000
		0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	18.000	18.000
		0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	37.000	37.000
		0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	4.000	4.000
		0700- 1- 22	SINGLE POST SIGN, F&I BARRIER MOUNT INDEX 11871/700-013, 12-20 SF	AS	1.000	1.000
		0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	2.000	2.000
		0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	51.000	51.000
A		0700- 13- 12	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'	EA	3.000	3.000
		0705- 10- 1	OBJECT MARKER, TYPE 1	EA	1.000	1.000
		0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	753.000	753.000
		0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	13.000	13.000
		0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE 43968215201	LS	1.000	1.000
		0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM	2.139	2.139
		0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	245.000	245.000
		0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	645.000	645.000
		0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	116.000	116.000
		0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.036	0.036
		0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	15.000	15.000
		0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	67.000	67.000
		0711- 11-180	THERMOPLASTIC, STANDARD, WHITE, YIELD LINE	LF	45.000	45.000
		0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	8.000	8.000
		0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	235.000	235.000
		0711- 14-560	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST ON CONCRETE PAVEMENT, MESSAGE OR SYMBOL	EA	3.000	3.000

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LEAD PROJECT : 439682-1-52-01		DISTRICT : 05		COUNTY/SECTION : 77160000		
PROJECT(S) : 43968215201		COUNTY : SEMINOLE				
0300 SUMMARY OF SIGNING						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	43968215201	QUANTITY TOTAL
		0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	5.920	5.920
		0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	GM	11.322	11.322
		0711- 15-133	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 12"- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	2.912	2.912
		0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	5.920	5.920
		0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	3.481	3.481
		0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.185	0.185
		0711- 16-131	THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	GM	1.238	1.238
		0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	3.104	3.104
		0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.206	0.206
		0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.207	0.207
		0713-103-133	PERMANENT TAPE, WHITE, SKIP, 12" WIDE 3'-9' DROP LANE ON CONCRETE SURFACES	GM	0.082	0.082
		0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.206	0.206
		0713-103-331	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.207	0.207
		0713-103-333	PERMANENT TAPE, BLACK, 3'-9' DROP LANE, 12" ON CONCRETE SURFACES	GM	0.082	0.082

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LEAD PROJECT : 439682-1-52-01		DISTRICT : 05		COUNTY/SECTION : 77160000		
PROJECT(S) : 43968215201		COUNTY : SEMINOLE				
0500 SUMMARY OF SIGNALIZATION						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	43968215201	QUANTITY TOTAL
		0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	335.000	335.000
		0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	290.000	290.000
		0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	1.000	1.000
		0635- 2- 11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	10.000	10.000
		0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	6.000	6.000
		0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	3.000	3.000
		0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	6.000	6.000
		0653- 1- 60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	AS	3.000	3.000
		0660- 2-102	LOOP ASSEMBLY, F&I, TYPE B	AS	2.000	2.000
		0660- 2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	9.000	9.000
		0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	6.000	6.000
		0665- 1- 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	3.000	3.000
		0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	3.000	3.000

REVISIONS				MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS	SHEET NO. 4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 400	SEMINOLE	439682-1-52-01		

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NOTE:
 SEE OVERBUILD AND RESURFACING DETAIL FOR:
 L1 STA. 1029+00.00 TO STA. 1043+50.00
 L3 STA. 1029+00.00 TO STA. 1043+50.00

* 8" OF 3/4" MILLING ON OUTSIDE AND INSIDE SHOULDER

**TYPICAL SECTION
 SR 400 (I-4) MAINLINE (WB)**

L5-L4 (AUXILIARY)
 STA. 929+59.61 TO STA. 1095+79.20
 STA. 1192+96.74 TO STA. 1287+70.47

L2 STA. 929+59.61 TO STA. 1050+30.00
 STA. 1215+00.00 TO STA. 1287+70.47
L3 STA. 929+59.61 TO STA. 1050+30.00
 STA. 1215+00.00 TO STA. 1287+70.47

L1 STA. 929+59.61 TO STA. 1095+79.20
 STA. 1192+96.74 TO STA. 1287+70.47
L2 STA. 1050+30.00 TO STA. 1095+79.20
 STA. 1192+96.74 TO STA. 1215+00.00
L3 STA. 1050+30.00 TO STA. 1095+79.20
 STA. 1192+96.74 TO STA. 1215+00.00

TRAVEL LANE
 MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (2 3/4")
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2") (PG 76-22) AND
 FRICTION COURSE FC-5 (3/4") (PG 76-22)

TRAVEL LANE
 MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (3 1/4")
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (2 1/2") (PG 76-22) AND
 FRICTION COURSE FC-5 (3/4") (PG 76-22)

TRAVEL LANE
 MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (2 1/4")
 TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2") (PG 76-22) AND
 FRICTION COURSE FC-5 (3/4") (PG 76-22)

TRAFFIC DATA (MP 10.367)
 STA. 929+59.61 TO STA. 1095+79.20

TRAFFIC DATA (MP 12.919)
 STA. 1194+55.93 TO STA. 1287+70.47

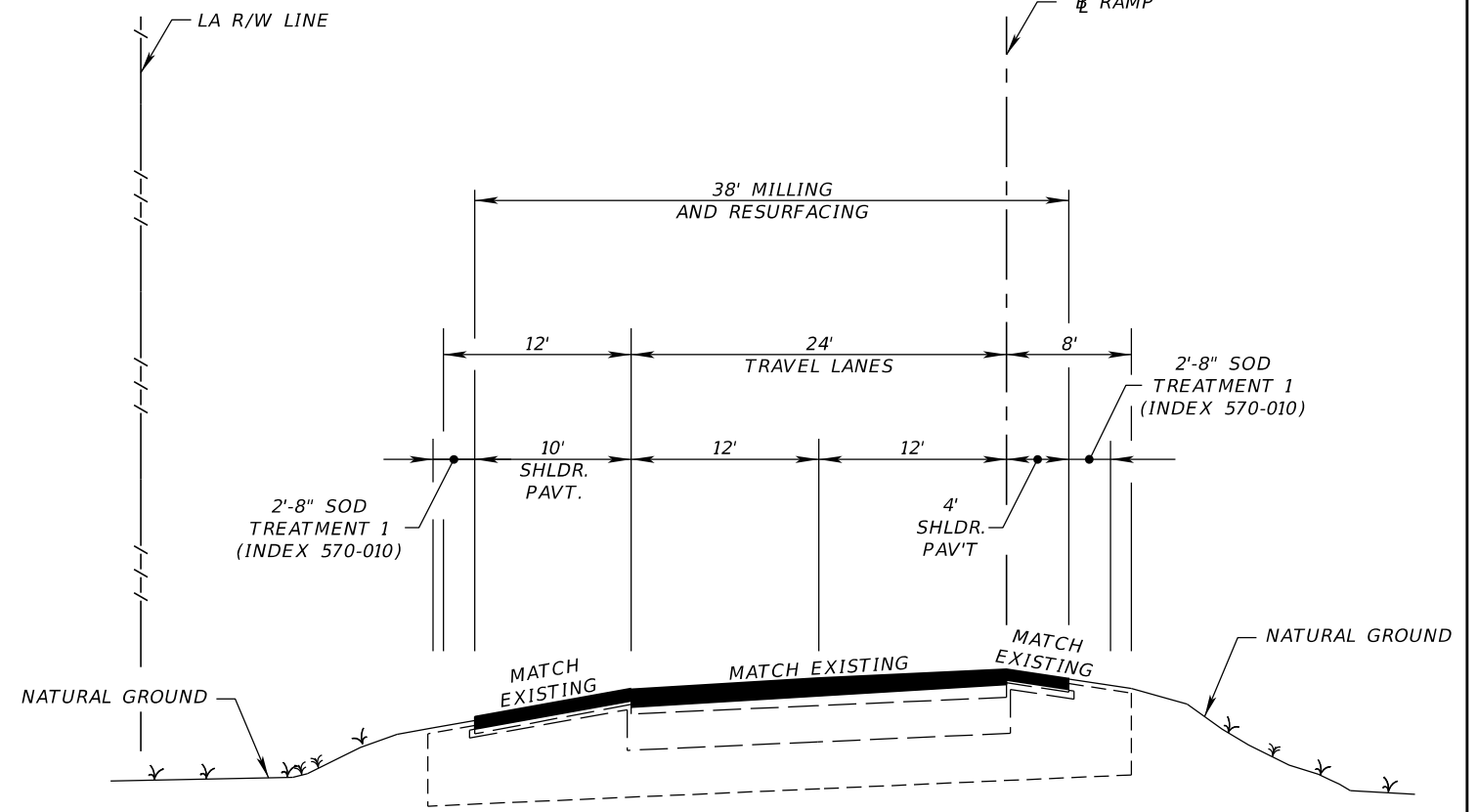
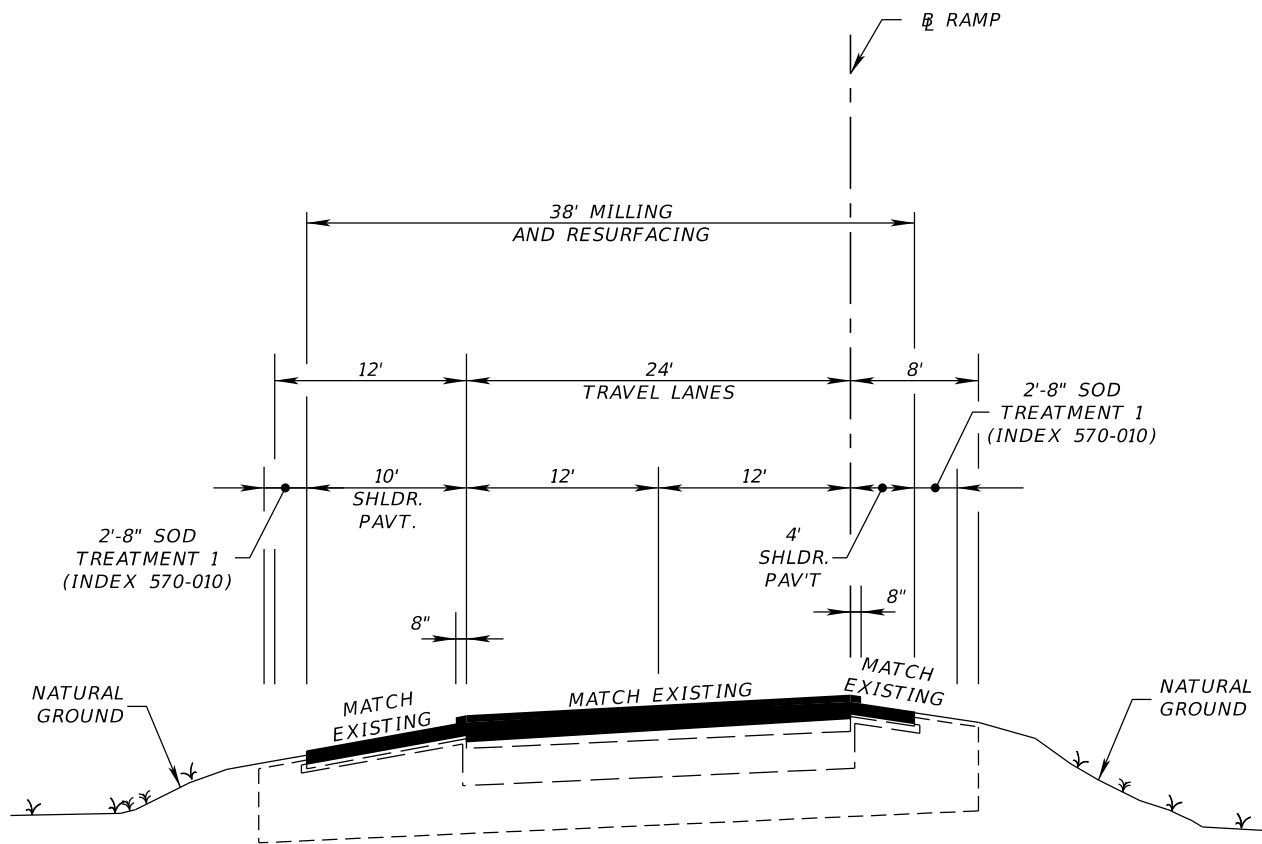
CURRENT YEAR = 2016 AADT = 70,647
 ESTIMATED OPENING YEAR = 2020 AADT = 70,890
 ESTIMATED DESIGN YEAR = 2040 AADT = 92,940
 K = 8.0% D = 52.1% T = 6.7% (24 HOUR)
 DESIGN HOUR T = 6.9%
 DESIGN SPEED = 70 MPH
 POSTED SPEED = 65 MPH

CURRENT YEAR = 2016 AADT = 65,000
 ESTIMATED OPENING YEAR = 2020 AADT = 66,490
 ESTIMATED DESIGN YEAR = 2040 AADT = 85,470
 K = 9.0% D = 52.1% T = 9.0% (24 HOUR)
 DESIGN HOUR T = 8.0%
 DESIGN SPEED = 70 MPH
 POSTED SPEED = 65 MPH

REVISIONS				MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 5
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
			SR 400		SEMINOLE	439682-1-52-01		

TYPICAL SECTION (1)

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



**TYPICAL SECTION
SR 400 (I-4) MULTI-LANE RAMP**

**CR 46A CD
STA. 2400+00.00 TO STA. 2442+65.57**

EXISTING TRAVEL LANES

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (2 3/4")
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2") AND
FRICTION COURSE FC-5 (3/4") (PG 76-22)

EXISTING SHOULDER PAVEMENT

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (2")
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")

**CR 46A WB CD
77160040
TRAFFIC DATA**

CURRENT YEAR = 2016 AADT = 9,800
ESTIMATED OPENING YEAR = 2020 AADT = 31,650
ESTIMATED DESIGN YEAR = 2040 AADT = 39,790
K = 9.0% D = 99.9% T = 9.5% (24 HOUR)
DESIGN HOUR T = 7.8%
DESIGN SPEED = 50 MPH
POSTED SPEED = 45 MPH

**LAKE MARY WB ON (RAMP D2)
77160031
TRAFFIC DATA**

CURRENT YEAR = 2016 AADT = 11,000
ESTIMATED OPENING YEAR = AADT =
ESTIMATED DESIGN YEAR = AADT =
K = 9.0% D = 99.9% T = % (24 HOUR)
DESIGN HOUR T = 10.9%
DESIGN SPEED = 30 MPH
POSTED SPEED = 30 MPH

**LAKE MARY WB ON (RAMP D2)
STA. 2109+33.25 TO STA. 2126+30.92**

EXISTING TRAVEL LANES

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (3")
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2") AND
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (PG 76-22)

EXISTING SHOULDER PAVEMENT

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1 1/2")
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (PG 76-22)

**LAKE MARY WB OFF (RAMP D1)
77160011
TRAFFIC DATA**

CURRENT YEAR = 2016 AADT = 12,500
ESTIMATED OPENING YEAR = 2020 AADT = 12,300
ESTIMATED DESIGN YEAR = 2040 AADT = 14,740
K = 9.0% D = 99.9% T = 12.2% (24 HOUR)
DESIGN HOUR T = 10.9%
DESIGN SPEED = 50 MPH
POSTED SPEED = 45 MPH

**LAKE MARY WB OFF (RAMP D1)
STA. 2300+00.00 TO STA. 2318+93.85
SR 46 WB OFF (RAMP D1)
STA. 2900+00.00 TO STA. 2919+71.51**

EXISTING TRAVEL LANES

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (3")
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2") AND
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (PG 76-22)

EXISTING SHOULDER PAVEMENT

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (3/4")
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (PG 76-22)

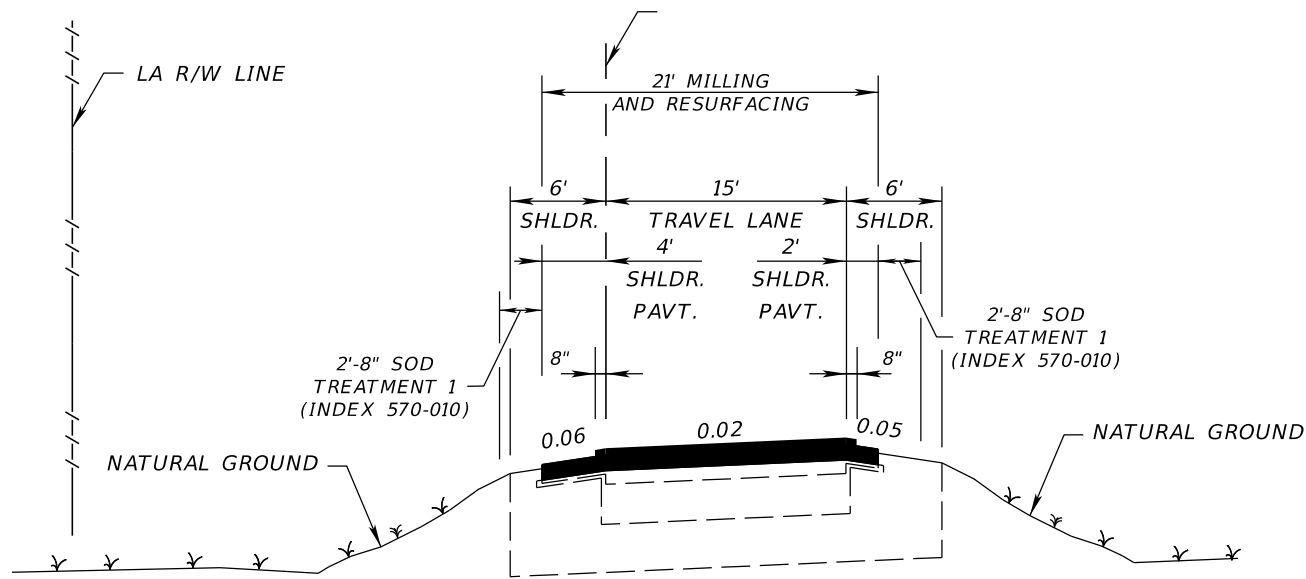
**SR 46 WB OFF (RAMP D1)
77160015
TRAFFIC DATA**

CURRENT YEAR = 2016 AADT = 9,600
ESTIMATED OPENING YEAR = 2020 AADT = 10,000
ESTIMATED DESIGN YEAR = 2040 AADT = 15,520
K = 9.0% D = 99.9% T = 10.3% (24 HOUR)
DESIGN HOUR T = 9.4%
DESIGN SPEED = 50 MPH
POSTED SPEED = 25-45 MPH

REVISIONS				MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 400	SEMINOLE	439682-1-52-01	

TYPICAL SECTION (2)

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



**TYPICAL SECTION
SR 400 (I-4) SINGLE-LANE RAMP**

EXISTING TRAVEL LANES

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (2 3/4")
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2") AND
FRICTION COURSE FC-5 (3/4") (PG 76-22)

EXISTING SHOULDER PAVEMENT

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (2")
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")

**CR 46A WB ON (RAMP A1)
77160025
TRAFFIC DATA**

CURRENT YEAR = 2016 AADT = 14,500
ESTIMATED OPENING YEAR = 2020 AADT = 13,890
ESTIMATED DESIGN YEAR = 2040 AADT = 22,940
K = 9.0% D = 99.9% T = 12.2% (24 HOUR)
DESIGN HOUR T = 10.9%
DESIGN SPEED = 50 MPH
POSTED SPEED = 45 MPH

**SR 46 WB ON (RAMP D2)
77160039
TRAFFIC DATA**

CURRENT YEAR = 2016 AADT = 5,500
ESTIMATED OPENING YEAR = AADT =
ESTIMATED DESIGN YEAR = AADT =
K = 9.0% D = 99.9% T = % (24 HOUR)
DESIGN HOUR T = 7.8%
DESIGN SPEED = 30-50 MPH
POSTED SPEED = 20-45 MPH

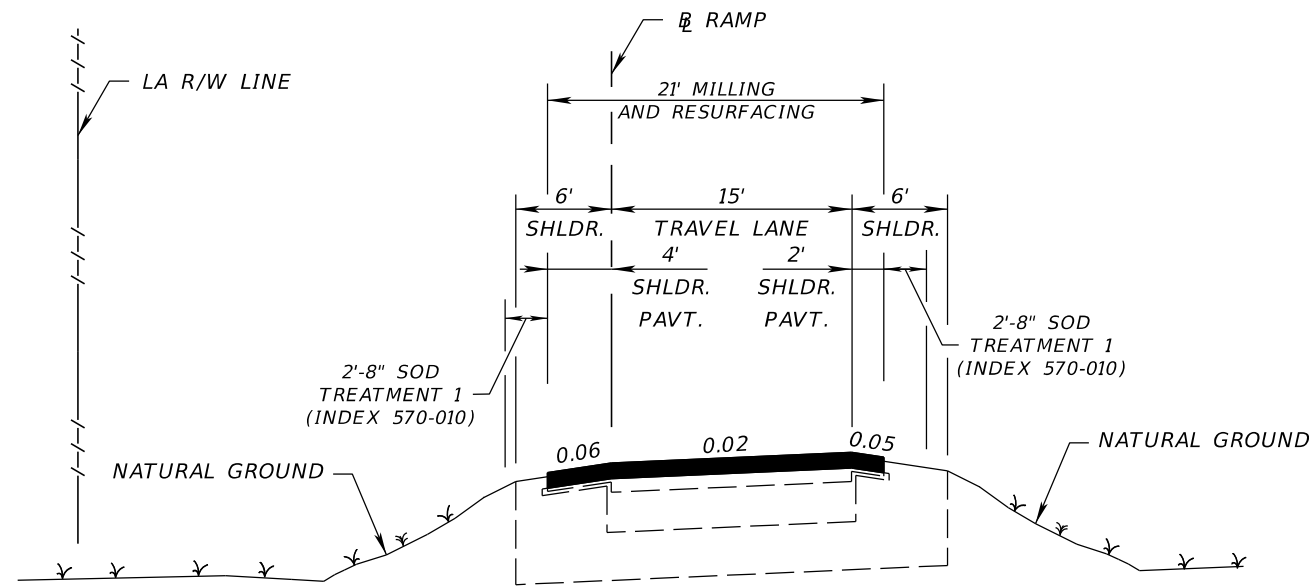
**SR 46 WB ON (RAMP A)
STA. 2700+39.19 TO STA. 2705+21.83
SR 46 WB ON (RAMP D2)
STA. 2800+14.31 TO STA. 2805+25.21
US 17/92 WB ON (RAMP A1)
STA. 3004+36.29 TO STA. 3006+27.33
US 17/92 WB OFF (RAMP A2)
STA. 3100+79.30 TO STA. 3111+53.71**

**CR 46A WB OFF (RAMP A2)
77160041
TRAFFIC DATA**

CURRENT YEAR = 2016 AADT = 5,000
ESTIMATED OPENING YEAR = 2020 AADT = 9,690
ESTIMATED DESIGN YEAR = 2040 AADT = 17,000
K = 9.0% D = 99.9% T = 9.5% (24 HOUR)
DESIGN HOUR T = 7.8%
DESIGN SPEED = 30 MPH
POSTED SPEED = 25 MPH

**US 17/92 WB ON (RAMP A1)
77160032
TRAFFIC DATA**

CURRENT YEAR = 2016 AADT = 9,200
ESTIMATED OPENING YEAR = 2020 AADT = 9,420
ESTIMATED DESIGN YEAR = 2040 AADT = 12,400
K = 9.0% D = 99.9% T = 9.0% (24 HOUR)
DESIGN HOUR T = 8.0%
DESIGN SPEED = 50 MPH
POSTED SPEED = 25-45 MPH



**CR 46A WB OFF (RAMP A2)
STA. 2600+42.83 TO STA. 2615+15.20
SR 46 WB ON (RAMP D2)
STA. 2807+18.61 TO STA. 2821+32.18**

EXISTING TRAVEL LANES

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (3")
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2") AND
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (PG 76-22)

EXISTING SHOULDER PAVEMENT

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1 1/2")
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (PG 76-22)

**SR 46 WB ON (RAMP A)
77160038
TRAFFIC DATA**

CURRENT YEAR = 2016 AADT = 5,700
ESTIMATED OPENING YEAR = AADT =
ESTIMATED DESIGN YEAR = AADT =
K = 9.0% D = 99.9% T = % (24 HOUR)
DESIGN HOUR T = 9.4%
DESIGN SPEED = 25-50 MPH
POSTED SPEED = 20-45 MPH

**US 17/92 WB OFF (RAMP A2)
77160033
TRAFFIC DATA**

CURRENT YEAR = 2016 AADT = 6,200
ESTIMATED OPENING YEAR = 2020 AADT = 7,170
ESTIMATED DESIGN YEAR = 2040 AADT = 9,600
K = 9.0% D = 99.9% T = 9.0% (24 HOUR)
DESIGN HOUR T = 8.0%
DESIGN SPEED = 50 MPH
POSTED SPEED = 25-45 MPH

**LAKE MARY WB ON (RAMP A)
STA. 2007+42.39 TO STA. 2025+40.39
CR 46A WB ON (RAMP A1)
STA. 2503+59.84 TO STA. 2521+17.25
US 17/92 WB ON (RAMP A1)
STA. 3009+67.21 TO STA. 3021+96.61**

EXISTING TRAVEL LANES

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (3")
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2") AND
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (PG 76-22)

EXISTING SHOULDER PAVEMENT

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (3/4")
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (PG 76-22)

**LAKE MARY WB ON (RAMP A)
77160009
TRAFFIC DATA**

CURRENT YEAR = 2016 AADT = 6,200
ESTIMATED OPENING YEAR = 2020 AADT = 11,320
ESTIMATED DESIGN YEAR = 2040 AADT = 17,840
K = 9.0% D = 99.9% T = 12.2% (24 HOUR)
DESIGN HOUR T = 10.9%
DESIGN SPEED = 50 MPH
POSTED SPEED = 45 MPH

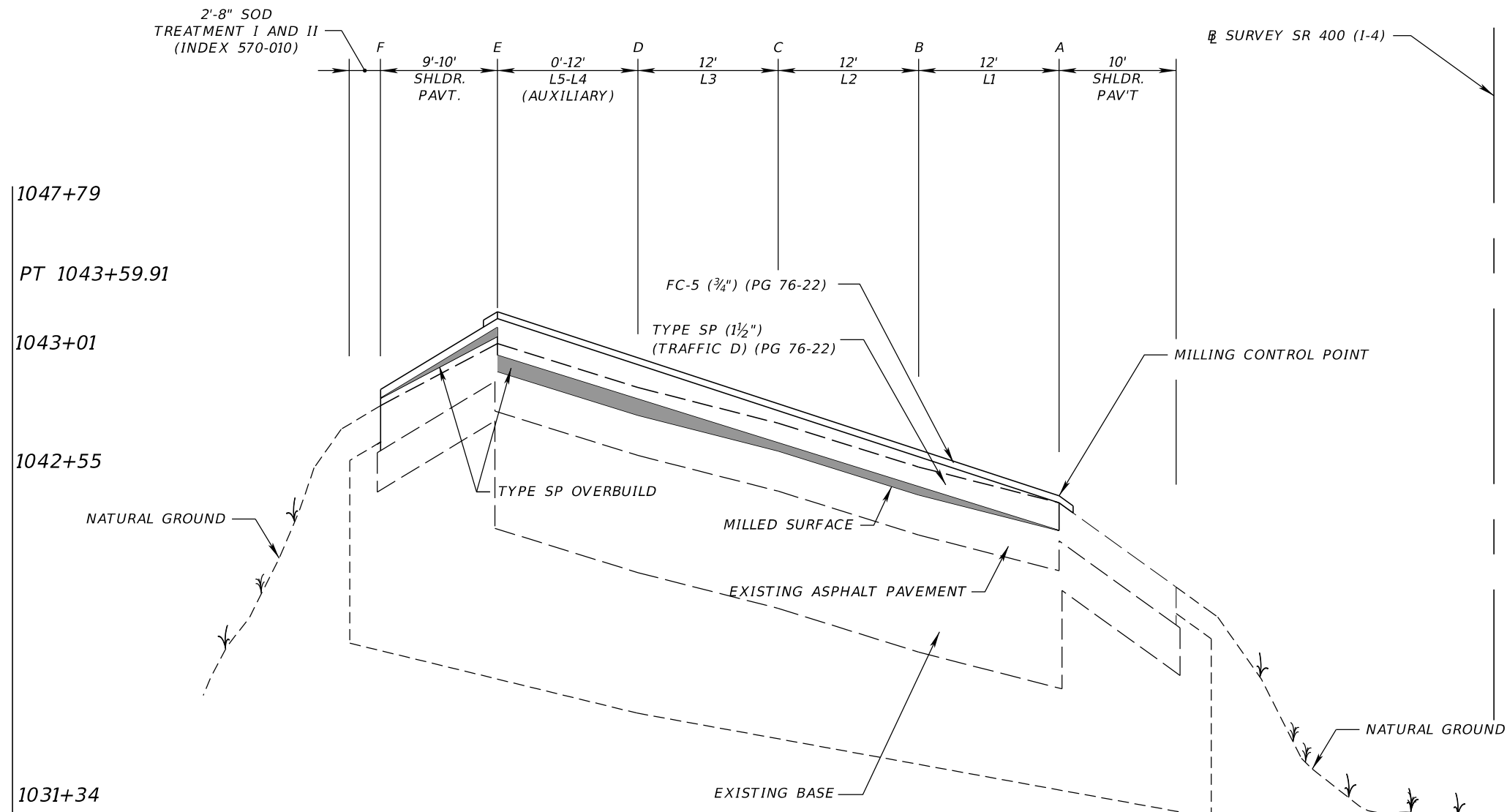
REVISIONS				MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 7
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
			SR 400		SEMINOLE	439682-1-52-01		

TYPICAL SECTION (3)

**SUPERELEVATION
TRANSITION
CURVE CL SR400 21
PC STA. 1030+51.43
PT STA. 1043+59.91**

L5	L4	L3	L2	L1
*	*	-3%	*	-2%
*	*	-2%	*	-2%
*	*	2%	*	2%
*	*	2%	*	2%
*	*	-2%	*	-2%
*	*	-3%	*	-2%

* MATCH EXISTING

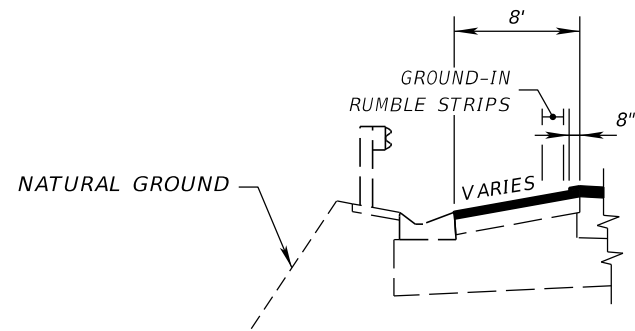


**TYPICAL SECTION
SR 400 (I-4) MAINLINE (WB)
CROSS SLOPE CORRECTION
L1 STA. 1029+00.00 TO STA. 1043+50.00
L3 STA. 1029+00.00 TO STA. 1043+50.00**

SUPERELEVATION

REVISIONS				MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			OVERBUILD DETAIL	SHEET NO. 8
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 400	SEMINOLE		439682-1-52-01

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**SHOULDER MILLING AND RESURFACING
SR 400 (I-4) MAINLINE (WB)**

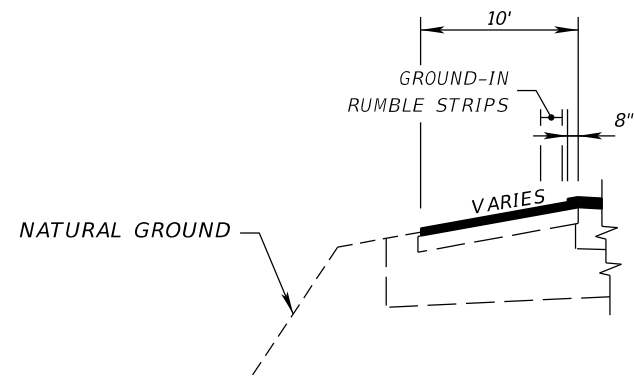
STA. 1029+00.00 TO STA. 1036+16.14

SHOULDER PAVEMENT

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1 1/2")
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2") (PG 76-22)

OVERBUILD (SEE DETAILS FOR LIMITS)

TYPE SP OVERBUILD (TRAFFIC D) (THICKNESS VARIES)



**SHOULDER MILLING AND RESURFACING
SR 400 (I-4) MAINLINE (WB)**

STA. 1036+16.14 TO STA. 1043+50.00

SHOULDER PAVEMENT

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1 1/2")
TYPE SP STRUCTURAL COURSE (TRAFFIC D) (1 1/2") (PG 76-22)

OVERBUILD (SEE DETAILS FOR LIMITS)

TYPE SP OVERBUILD (TRAFFIC D) (THICKNESS VARIES)

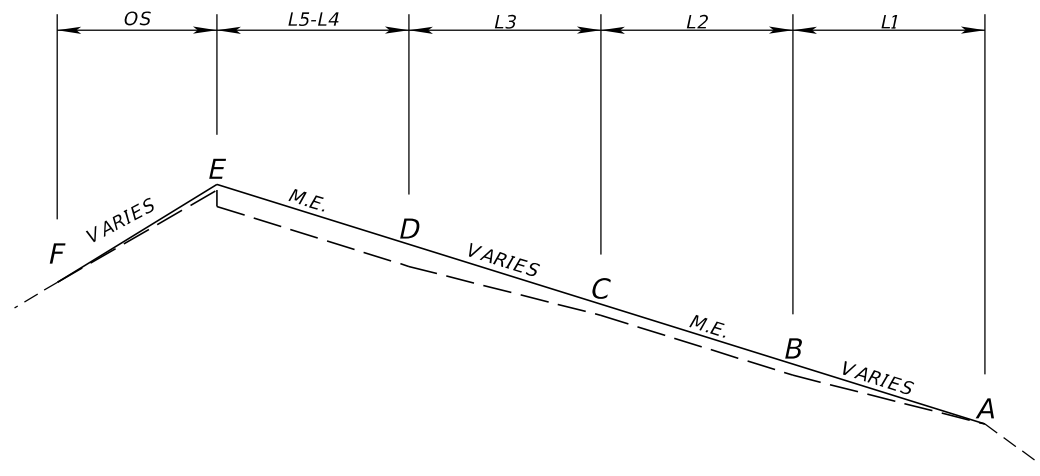
NOTE:
BASE EXPOSURE MAY OCCUR BETWEEN
STA. 1029+00.00 TO STA. 1034+54.46.

SHOULDER

REVISIONS				MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			OVERBUILD DETAIL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 400	SEMINOLE		439682-1-52-01

TYPE SP OVERBUILD

Station	L2 (MIDDLE LANE)							L1 (INSIDE LANE)							
	Lane Width	Exist. Lane Slope	Prop. Lane Slope	Thickness at Point C	End Area Lane L2	Plan Area Lane L2 (Previous Sta. to Listed Sta.)	Tonnage Lane L2 (Previous Sta. to Listed Sta.)	Lane Width	Exist. Lane Slope	Prop. Lane Slope	Thickness at Point B	Thickness at Point A	End Area Lane L1	Plan Area Lane L1 (Previous Sta. to Listed Sta.)	Tonnage Lane L1 (Previous Sta. to Listed Sta.)
-	FT.	ft/ft	ft/ft	IN.	SF	SY	Tons	FT.	ft/ft	ft/ft	IN.	IN.	SF	SY	Tons
1029+00.00	12.00	0.006	0.006	0.00	0.00	-	-	12.00	0.007	0.006	0.00	0.00	0.00	-	-
1029+50.00	12.00	-0.003	-0.003	0.08	0.08	66.7	0.15	12.00	0.001	0.000	0.08	0.00	0.04	66.7	0.07
1030+00.00	12.00	-0.009	-0.009	0.25	0.25	66.7	0.60	12.00	0.004	-0.005	0.25	0.00	0.12	66.7	0.30
1030+50.00	12.00	-0.012	-0.012	0.79	0.79	66.7	1.91	12.00	-0.005	-0.011	0.79	0.00	0.40	66.7	0.96
1031+00.00	12.00	-0.019	-0.019	1.29	1.29	66.7	3.82	12.00	-0.007	-0.016	1.29	0.00	0.65	66.7	1.91
1031+50.00	12.00	-0.023	-0.023	2.25	2.25	66.7	6.49	12.00	-0.004	-0.020	2.25	0.00	1.12	66.7	3.24
1032+00.00	12.00	-0.020	-0.020	2.19	2.19	66.7	8.13	12.00	-0.005	-0.020	2.19	0.00	1.09	66.7	4.07
1032+50.00	12.00	-0.018	-0.018	0.94	0.94	66.7	5.73	12.00	-0.014	-0.020	0.94	0.00	0.47	66.7	2.86
1033+00.00	12.00	-0.020	-0.020	0.94	0.94	66.7	3.43	12.00	-0.014	-0.020	0.94	0.00	0.47	66.7	1.72
1033+50.00	12.00	-0.022	-0.022	0.88	0.88	66.7	3.33	12.00	-0.014	-0.020	0.88	0.00	0.44	66.7	1.66
1034+00.00	12.00	-0.024	-0.024	0.73	0.73	66.7	2.96	12.00	-0.015	-0.020	0.73	0.00	0.37	66.7	1.48
1034+50.00	12.00	-0.020	-0.020	2.15	2.15	66.7	5.28	12.00	-0.005	-0.020	2.15	0.00	1.07	66.7	2.64
1035+00.00	12.00	-0.022	-0.022	0.85	0.85	66.7	5.49	12.00	-0.014	-0.020	0.85	0.00	0.42	66.7	2.75
1035+50.00	12.00	-0.019	-0.019	1.25	1.25	66.7	3.85	12.00	-0.011	-0.020	1.25	0.00	0.63	66.7	1.93
1036+00.00	12.00	-0.026	-0.026	1.68	1.68	66.7	5.39	12.00	-0.008	-0.020	1.68	0.00	0.84	66.7	2.69
1036+50.00	12.00	-0.022	-0.022	1.02	1.02	66.7	4.96	12.00	-0.013	-0.020	1.02	0.00	0.51	66.7	2.48
1037+00.00	12.00	-0.022	-0.022	1.87	1.87	66.7	5.31	12.00	-0.007	-0.020	1.87	0.00	0.94	66.7	2.65
1037+50.00	12.00	-0.023	-0.023	1.74	1.74	66.7	6.63	12.00	-0.008	-0.020	1.74	0.00	0.87	66.7	3.31
1038+00.00	12.00	-0.017	-0.017	1.20	1.20	66.7	5.39	12.00	-0.012	-0.020	1.20	0.00	0.60	66.7	2.69
1038+50.00	12.00	-0.023	-0.023	1.17	1.17	66.7	4.33	12.00	-0.012	-0.020	1.17	0.00	0.58	66.7	2.16
1039+00.00	12.00	-0.024	-0.024	0.88	0.88	66.7	3.75	12.00	-0.014	-0.020	0.88	0.00	0.44	66.7	1.87
1039+50.00	12.00	-0.024	-0.024	1.89	1.89	66.7	5.07	12.00	-0.007	-0.020	1.89	0.00	0.94	66.7	2.53
1040+00.00	12.00	-0.022	-0.022	1.07	1.07	66.7	5.41	12.00	-0.013	-0.020	1.07	0.00	0.53	66.7	2.71
1040+50.00	12.00	-0.019	-0.019	1.73	1.73	66.7	5.12	12.00	-0.008	-0.020	1.73	0.00	0.86	66.7	2.56
1041+00.00	12.00	-0.021	-0.021	0.50	0.50	66.7	4.09	12.00	-0.017	-0.020	0.50	0.00	0.25	66.7	2.05
1041+50.00	12.00	-0.020	-0.020	1.15	1.15	66.7	3.04	12.00	-0.012	-0.020	1.15	0.00	0.58	66.7	1.52
1042+00.00	12.00	-0.023	-0.023	1.56	1.56	66.7	4.96	12.00	-0.009	-0.020	1.56	0.00	0.78	66.7	2.48
1042+50.00	12.00	-0.022	-0.022	1.79	1.79	66.7	6.12	12.00	-0.008	-0.020	1.79	0.00	0.89	66.7	3.06
1043+00.00	12.00	-0.018	-0.018	1.52	1.52	66.7	6.07	12.00	-0.005	-0.016	1.52	0.00	0.76	66.7	3.03
1043+50.00	12.00	-0.009	-0.009	0.40	0.40	66.7	3.53	12.00	-0.009	M.E.	0.40	0.00	0.20	66.7	1.76



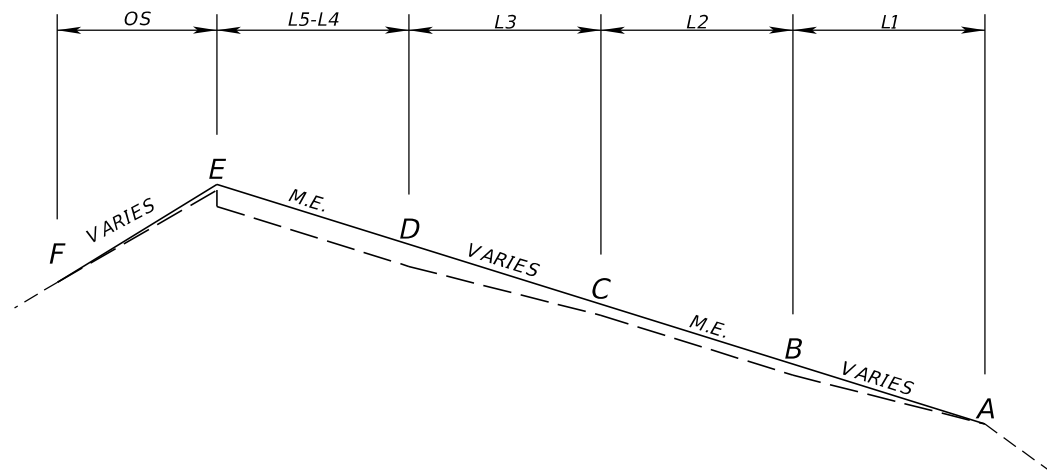
M.E. = MATCH EXISTING

OVERBUILD TABLE

REVISIONS				MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			OVERBUILD TABLE SUPERELEVATION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 400	SEMINOLE	439682-1-52-01		10

TYPE SP OVERBUILD

Station	OS (OUTSIDE SHOULDER)							L5-L4 (OUTSIDE LANE)							L3 (MIDDLE LANE)						
	Lane Width	Exist. Lane Slope	Prop. Lane Slope	Thickness at Point F	End Area Lane OS	Plan Area Lane OS (Previous Sta. to Listed Sta.)	Tonnage Lane OS (Previous Sta. to Listed Sta.)	Lane Width	Exist. Lane Slope	Prop. Lane Slope	Thickness at Point E	End Area Lane L4	Plan Area Lane L4 (Previous Sta. to Listed Sta.)	Tonnage Lane L4 (Previous Sta. to Listed Sta.)	Lane Width	Exist. Lane Slope	Prop. Lane Slope	Thickness at Point D	End Area Lane L3	Plan Area Lane L3 (Previous Sta. to Listed Sta.)	Tonnage Lane L3 (Previous Sta. to Listed Sta.)
-	FT.	ft/ft	ft/ft	IN.	SF	SY	Tons	FT.	ft/ft	ft/ft	IN.	SF	SY	Tons	FT.	ft/ft		IN.	SF	SY	Tons
* 1029+00.00	9.00	0.022	0.022	0.00	0.00	-	-	12.00	-0.001	-0.001	0.00	0.00	-	-	12.00	0.018	0.006	0.00	0.00	-	-
* 1029+50.00	9.00	0.018	0.036	0.00	0.73	50.0	1.34	12.00	0.000	0.000	2.02	2.02	66.7	3.70	12.00	0.014	0.000	2.02	2.99	66.7	5.48
* 1030+00.00	9.00	0.041	0.044	0.00	0.15	50.0	1.62	12.00	-0.003	-0.003	0.47	0.47	66.7	4.55	12.00	-0.002	-0.005	0.47	0.57	66.7	6.53
* 1030+50.00	9.00	0.043	0.052	0.00	0.40	50.0	1.01	12.00	-0.012	-0.012	1.12	1.12	66.7	2.91	12.00	-0.003	-0.011	1.12	1.29	66.7	3.42
* 1031+00.00	9.00	0.036	0.041	0.00	0.20	50.0	1.10	12.00	-0.012	-0.012	0.60	0.60	66.7	3.16	12.00	-0.012	-0.016	0.60	0.26	66.7	2.83
* 1031+50.00	9.00	0.025	0.037	0.00	0.49	100.0	2.68	12.00	-0.018	-0.018	1.38	1.38	66.7	3.64	12.00	-0.010	-0.020	1.38	0.95	66.7	2.21
* 1032+00.00	9.00	0.040	0.053	0.00	0.52	50.0	1.85	12.00	-0.020	-0.020	1.44	1.44	66.7	5.17	12.00	-0.010	-0.020	1.44	1.07	66.7	3.70
* 1032+50.00	9.00	0.056	0.071	0.00	0.60	50.0	2.04	12.00	-0.023	-0.023	1.66	1.66	66.7	5.68	12.00	-0.009	-0.020	1.66	2.02	66.7	5.65
* 1033+00.00	9.00	0.042	0.054	0.00	0.48	50.0	1.97	12.00	-0.022	-0.022	1.34	1.34	66.7	5.49	12.00	-0.011	-0.020	1.34	1.54	66.7	6.52
* 1033+50.00	9.00	0.041	0.059	0.00	0.72	50.0	2.19	12.00	-0.026	-0.026	1.97	1.97	66.7	6.07	12.00	-0.012	-0.020	1.97	2.52	66.7	7.44
* 1034+00.00	9.00	0.030	0.050	0.00	0.81	50.0	2.80	12.00	-0.019	-0.019	2.23	2.23	66.7	7.71	12.00	-0.010	-0.020	2.23	2.98	66.7	10.08
* 1034+50.00	9.00	0.031	0.065	0.00	1.35	50.0	3.96	12.00	-0.016	-0.016	3.66	3.66	66.7	10.80	12.00	-0.010	-0.020	3.66	4.41	66.7	13.56
1035+00.00	10.00	0.030	0.030	2.29	1.91	52.8	5.97	12.00	-0.022	-0.022	2.29	2.29	66.7	10.90	12.00	-0.010	-0.020	2.29	3.01	66.7	13.61
1035+50.00	10.00	0.028	0.028	2.32	1.93	55.6	7.04	12.00	-0.016	-0.016	2.32	2.32	66.7	8.45	12.00	-0.013	-0.020	2.32	2.85	66.7	10.74
1036+00.00	10.00	0.036	0.036	2.95	2.46	55.6	8.05	12.00	-0.015	-0.015	2.95	2.95	66.7	9.66	12.00	-0.011	-0.020	2.95	3.59	66.7	11.80
1036+50.00	10.00	0.049	0.049	2.30	1.92	55.6	8.03	12.00	-0.020	-0.020	2.30	2.30	66.7	9.64	12.00	-0.011	-0.020	2.30	2.94	66.7	11.97
1037+00.00	10.00	0.037	0.037	3.93	3.28	55.6	9.53	12.00	-0.023	-0.023	3.93	3.93	66.7	11.43	12.00	-0.006	-0.020	3.93	4.96	66.7	14.49
1037+50.00	10.00	0.035	0.035	3.30	2.75	55.6	11.04	12.82	-0.017	-0.017	3.30	3.52	68.9	13.67	12.00	-0.009	-0.020	3.30	4.08	66.7	16.57
1038+00.00	10.00	0.047	0.047	2.87	2.39	55.6	9.42	15.35	-0.020	-0.020	2.87	3.67	78.3	13.18	12.00	-0.008	-0.020	2.87	3.70	66.7	14.26
1038+50.00	10.00	0.040	0.040	2.84	2.36	55.6	8.71	17.91	-0.025	-0.025	2.84	4.23	92.4	14.48	12.00	-0.008	-0.020	2.84	3.67	66.7	13.52
1039+00.00	10.00	0.043	0.043	2.15	1.79	55.6	7.61	20.31	-0.017	-0.017	2.15	3.63	106.2	14.42	12.00	-0.011	-0.020	2.15	2.78	66.7	11.83
1039+50.00	10.00	0.056	0.056	2.55	2.12	55.6	7.17	22.43	-0.022	-0.022	2.55	4.76	118.7	15.39	12.00	-0.015	-0.020	2.55	2.88	66.7	10.38
1040+00.00	10.00	0.047	0.047	2.07	1.73	55.6	7.06	23.89	-0.018	-0.018	2.07	4.13	128.7	16.30	12.00	-0.013	-0.020	2.07	2.58	66.7	10.01
1040+50.00	10.00	0.061	0.061	3.21	2.68	55.6	8.07	24.79	-0.024	-0.024	3.21	6.63	135.2	19.73	12.00	-0.010	-0.020	3.21	3.95	66.7	11.97
1041+00.00	10.00	0.056	0.056	1.53	1.27	55.6	7.24	25.18	-0.015	-0.015	1.53	3.20	138.8	18.03	12.00	-0.013	-0.020	1.53	2.04	66.7	10.98
1041+50.00	10.00	0.052	0.052	1.80	1.50	55.6	5.08	25.07	-0.018	-0.018	1.80	3.76	139.6	12.77	12.00	-0.016	-0.020	1.80	2.12	66.7	7.63
1042+00.00	10.00	0.041	0.041	2.42	2.02	55.6	6.45	24.92	-0.018	-0.018	2.42	5.02	138.9	16.10	12.00	-0.014	-0.020	2.42	2.85	66.7	9.12
1042+50.00	10.00	0.054	0.054	2.91	2.42	55.6	8.14	12.00	-0.021	-0.021	2.91	2.91	102.6	14.54	12.00	-0.012	-0.020	2.91	3.47	66.7	11.59
1043+00.00	10.00	0.049	0.049	1.64	1.36	55.6	6.94	12.00	-0.014	-0.014	1.64	1.64	66.7	8.33	12.00	-0.015	-0.016	1.64	1.69	66.7	9.46
1043+50.00	10.00	0.049	0.049	0.39	0.32	55.6	3.09	12.00	-0.007	-0.007	0.39	0.39	66.7	3.71	12.00	-0.012	M.E.	0.39	0.38	66.7	3.79



M.E. = MATCH EXISTING
 * VARYING OUTSIDE SHOULDER SLOPE BETWEEN STA. 1029+00 AND 1034+50 TO TIE EXIST. SHLDR. GUTTER
 NOTE: BASE EXPOSURE MAY OCCUR BETWEEN STA. 1029+00.00 TO STA. 1034+54.46

OVERBUILD TABLE CONT.

REVISIONS				MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			OVERBUILD TABLE SUPERELEVATION	SHEET NO. 11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 400	SEMINOLE	439682-1-52-01		

GENERAL NOTES:

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
2. 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.
3. UTILITY/AGENCY OWNERS:

COMPANY	CONTACT	TELEPHONE NUMBER
AT&T CORPORATION	GREG JACOBSON	(813) 342-0512
AT&T FLORIDA (DISTRIBUTION)	SHAUN PURVIS	(407) 999-2636
AT&T TRANSMISSION	STEVE ERIKSSON	(407) 578-8000
BOMBARDIER TRANSPORTATION	TODD	(407) 732-6721
CENTURYLINK	MARLON BROWN	(863) 452-3132
CENTURYLINK FKA EMBARQ COMMUNICATONS	ROBERT GODEK	(407) 830-3421
CENTURYLINK FKA TW TELECOM	DEREK BROEKER	(636) 887-4747
CENTURYLINK FKA LEVEL 3	XAN RYPKEMA	(720) 888-1089
CHARTER COMMUNICATION F/K/A BRIGHT HOUSE NETWORKS	MARVIN USRY	(407) 532-8509
CITY OF DELTONA	FAITH MILLER	(386) 878-8100
CITY OF LAKE MARY	DANIELLE KOURY	(407) 585-1453
CITY OF SANFORD	RICHARD BLAKE	(407) 688-5101
CITY OF ALTAMONTE SPRINGS	ED TORRES	(407) 571-8337
COMCAST COMMUNICATIONS	SCOTT OSEBOLD	(352) 315-8527
DUKE ENERGY DISTRIBUTION	ROBB BROWN	(352) 459-4671
DUKE ENERGY TRANSMISSION	JENNIFER WILLIAMS	(813) 909-1210
DUKE ENERGY FIBER	MARK HURST	(727) 820-5208
FLORIDA GAS TRANSMISSION	JOSEPH SANCHEZ	(407) 838-7171
FP&L DISTRIBUTION	NICHOLAS MINNO	(407) 328-1909
FP&L TRANSMISSION	RALPH DIAZ	(561) 904-3562
FLORIDA PUBLIC UTILITIES COMPANY	JOHNNY HILL	(386) 668-9842
LEVEL 3 COMMUNICATIONS dba CENTURYLINK	RON PRARIO	(407) 754-0116, (407) 908-6903
SANLANDO UTILITIES	BRYAN GONGRE	(866) 842-8432 X 1360
SEMINOLE COUNTY UTILITIES	PAUL ZIMMERMANN	(407) 665-2021, (407) 497-3179
TECO PEOPLES GAS	SHAWN WINSOR	(407) 420-6663
	BRUCE STOUT	(407) 420-2678
VERIZON BUSINESS/MCI	THOMAS CLARK	(918) 590-9903

4. CONTRACTOR NOT TO USE THE EXISTING PAVED SHOULDERS AS AN AUXILIARY LANE DURING CONSTRUCTION OPERATIONS.

5. TRANSIT SERVICE COORDINATION:

START WORK NOTIFICATION

KEITH TILLET, ASSISTANT CHIEF SUPERVISOR	(407) 254-6207	KTILLET@GOLYNX.COM
BRUCE DETWEILER, BUS STOP COORDINATOR	(407) 254-6136	BDETWEILER@GOLYNX.COM
JEFF REINE, CONSTRUCTION PROJECT MANAGER	(407) 254-6046	JREINE@GOLYNX.COM

LANE CLOSURE NOTIFICATION

KEITH TILLET, ASSISTANT CHIEF SUPERVISOR	(407) 254-6207	KTILLET@GOLYNX.COM
REY QUINONES, CHIEF SUPERVISOR	(407) 254-6223	RQUINONES@GOLYNX.COM
BRUCE DETWEILER, BUS STOP COORDINATOR	(407) 254-6136	BDETWEILER@GOLYNX.COM

6. WHEN CONSTRUCTION IS COMPLETE, SUBMIT A CERTIFIED SURVEY CONFIRMING THE AS-BUILT MINIMUM VERTICAL CLEARANCE OF LAKE MARY BLVD EASTBOUND (BRIDGE #770040) OVER I-4 IS EQUAL TO OR GREATER THAN THE MINIMUM DESIGN VERTICAL CLEARANCE CALLED FOR IN THE PLANS.

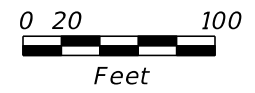
7. "SPECIAL EVENTS" INCLUDE, BUT ARE NOT LIMITED TO:

UNIVERSITY OF CENTRAL FLORIDA HOME GAMES
 RED HOT & BOOM FIREWORKS DISPLAY
 DAYTONA BIKE WEEK
 BIKETOBERFEST

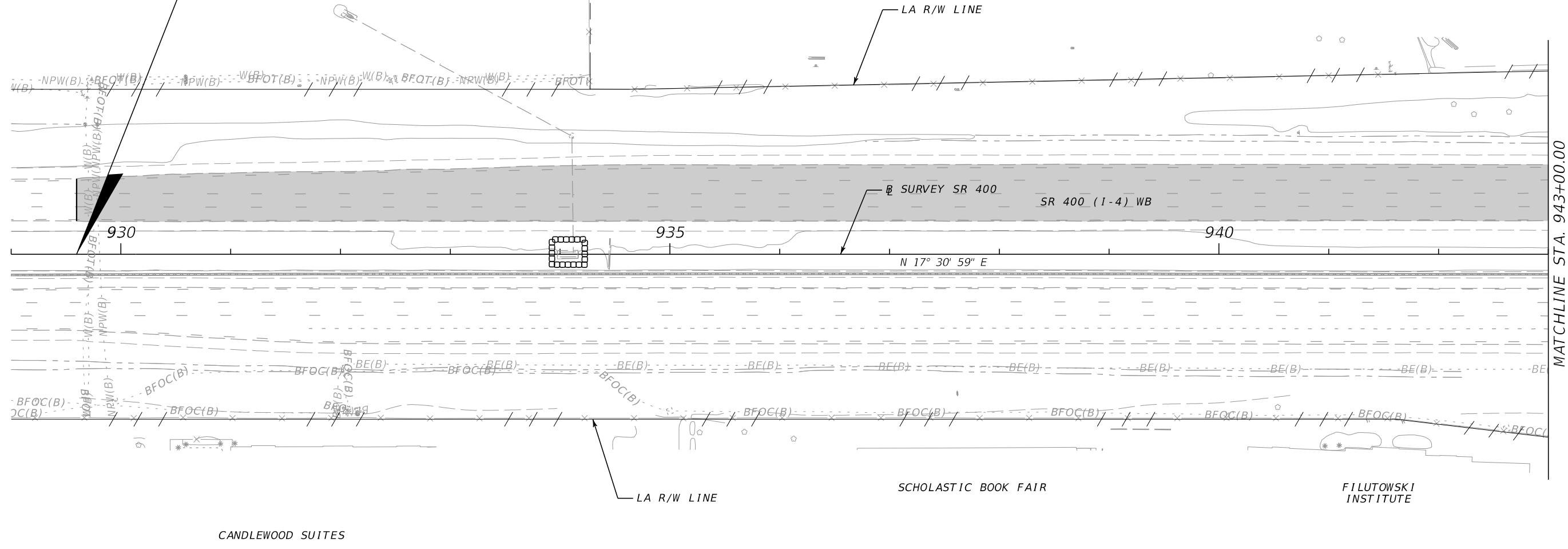
8. FDOT AGREED THAT EACH OF THEIR RESPECTIVE EMPLOYEES, AGENTS, CONTRACTORS AND SUBCONTRACTORS WILL OPERATE IN ACCORDANCE WITH ALL THE REQUIREMENTS OF THE AGREEMENT AND GLOBAL SETTLEMENT (INCLUDING ALL OF ITS ATTACHMENTS) DATED AUGUST 21, 2013, REGARDING FLORIDA GAS TRANSMISSION COMPANY, LLC(FGT) AND ALL FGT FACILITIES, SPECIFICALLY INCLUDING COMPLYING WITH NOTICE REQUIREMENTS AND FGT'S "ENGINEERING AND CONSTRUCTION SPECIFICATIONS" AND ALL APPLICABLE STANDARD OPERATING PROCEDURES.

REVISIONS				MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. GENERAL NOTES 12
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 400	SEMINOLE	439682-1-52-01	

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



BEGIN PROJECT
 BEGIN WB MILLING AND RESURFACING
 STA. 929+59.61



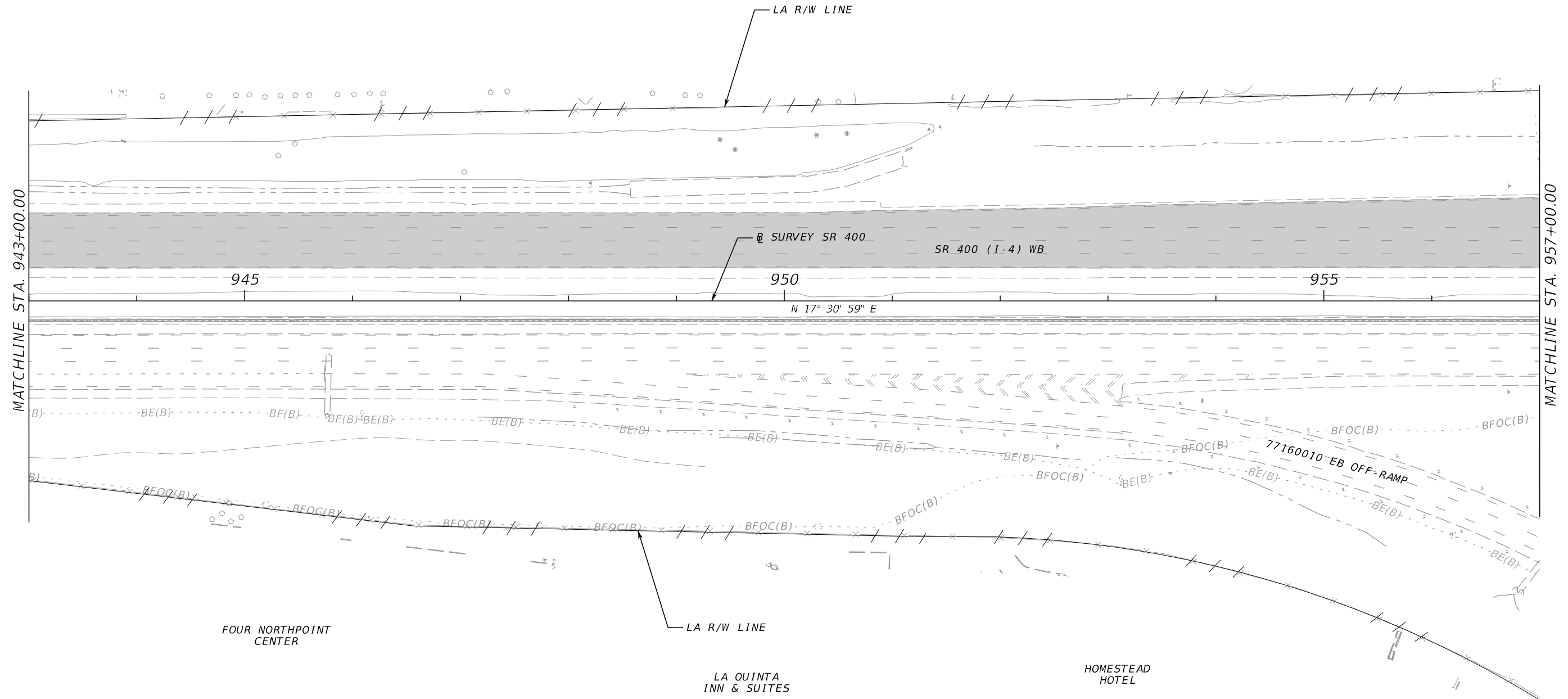
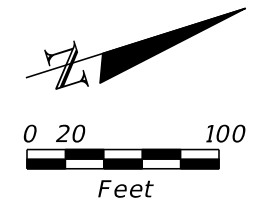
MATCHLINE STA. 943+00.00

- LEGEND:
- MILLING AND RESURFACING
 - INLET PROTECTION

REVISIONS				MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		13
					SR 400	SEMINOLE	439682-1-52-01		

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ITT TECHNICAL
INSTITUTE



MATCHLINE STA. 943+00.00

MATCHLINE STA. 957+00.00

FOUR NORTHPOINT
CENTER

LA QUINTA
INN & SUITES

HOMESTEAD
HOTEL

- LEGEND:
- MILLING AND RESURFACING
 - INLET PROTECTION
 - EXTENDED STAY AMERICA

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

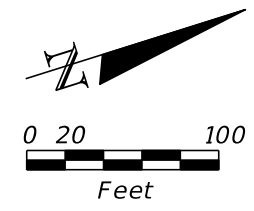
MICHAEL HERON, P.E. 56182
STV INCORPORATED
111 NORTH ORANGE AVENUE, SUITE 1450
ORLANDO, FL 32801
(321) 418-6604
CERTIFICATE OF AUTHORIZATION NO. 390

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

ROADWAY PLAN (2)

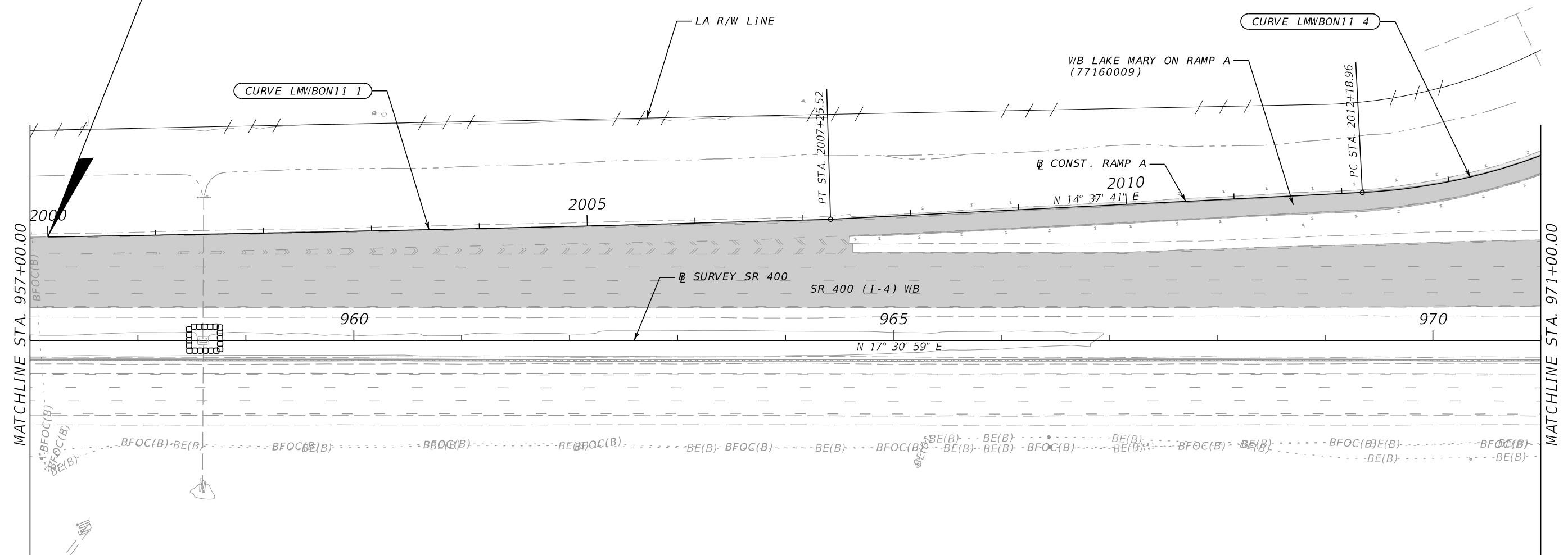
SHEET
NO.
14

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LAKE MARY PROFESSIONAL CAMPUS

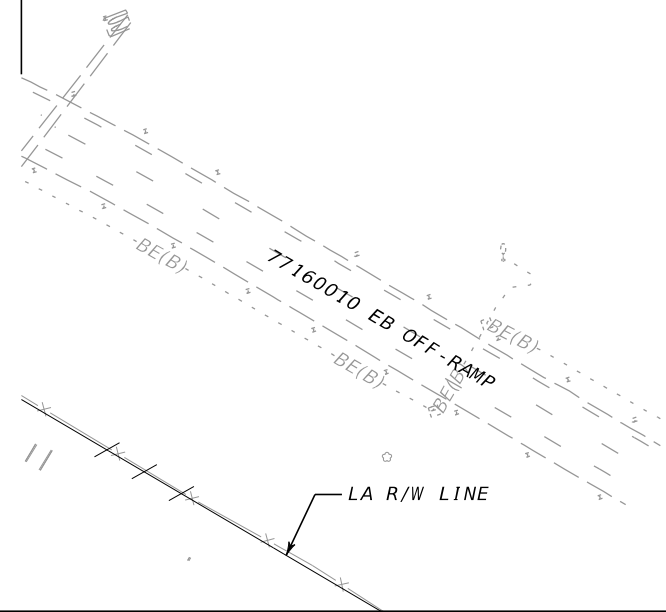
B SURVEY SR 400
 STA. 957+16.46, 95.96' LT =
 B CONST. RAMP A
 STA. 2000+00.00



MATCHLINE STA. 957+00.00

MATCHLINE STA. 971+00.00

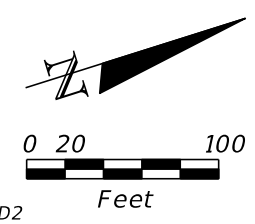
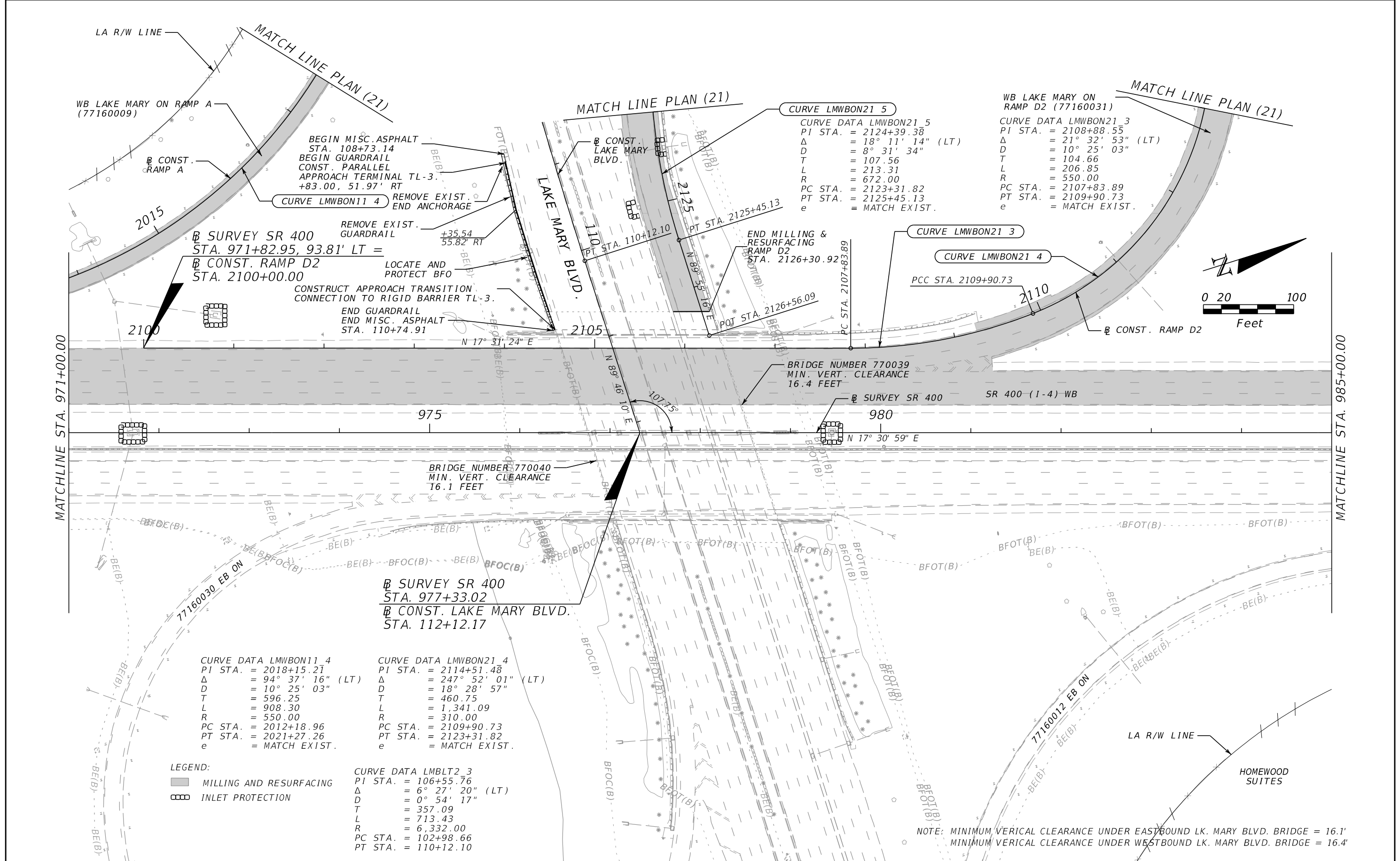
<p>CURVE DATA LMWBON11 1 PI STA. = 2003+62.76 Δ = 0° 45' 12" (LT) D = 0° 06' 14" T = 362.76 L = 725.52 R = 55,174.60 PC STA. = 2000+00.00 PT STA. = 2007+25.52 e = MATCH EXIST.</p>	<p>CURVE DATA LMWBON11 4 PI STA. = 2018+15.21 Δ = 94° 37' 16" (LT) D = 10° 25' 03" T = 596.25 L = 908.30 R = 550.00 PC STA. = 2012+18.96 PT STA. = 2021+27.26 e = MATCH EXIST.</p>
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LEGEND:
 ■ MILLING AND RESURFACING
 □ INLET PROTECTION

<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> <th colspan="2"></th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					<p>MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390</p>		<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td>SR 400</td> <td>SEMINOLE</td> <td>439682-1-52-01</td> </tr> </table>		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 400	SEMINOLE	439682-1-52-01	<p>ROADWAY PLAN (3)</p>		<p>SHEET NO. 15</p>
REVISIONS																												
DATE	DESCRIPTION	DATE	DESCRIPTION																									
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																										
SR 400	SEMINOLE	439682-1-52-01																										

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MICHAEL HERON, P.E. 56182
 STV INCORPORATED
 111 NORTH ORANGE AVENUE, SUITE 1450
 ORLANDO, FL 32801
 (321) 418-6604
 CERTIFICATE OF AUTHORIZATION NO. 390

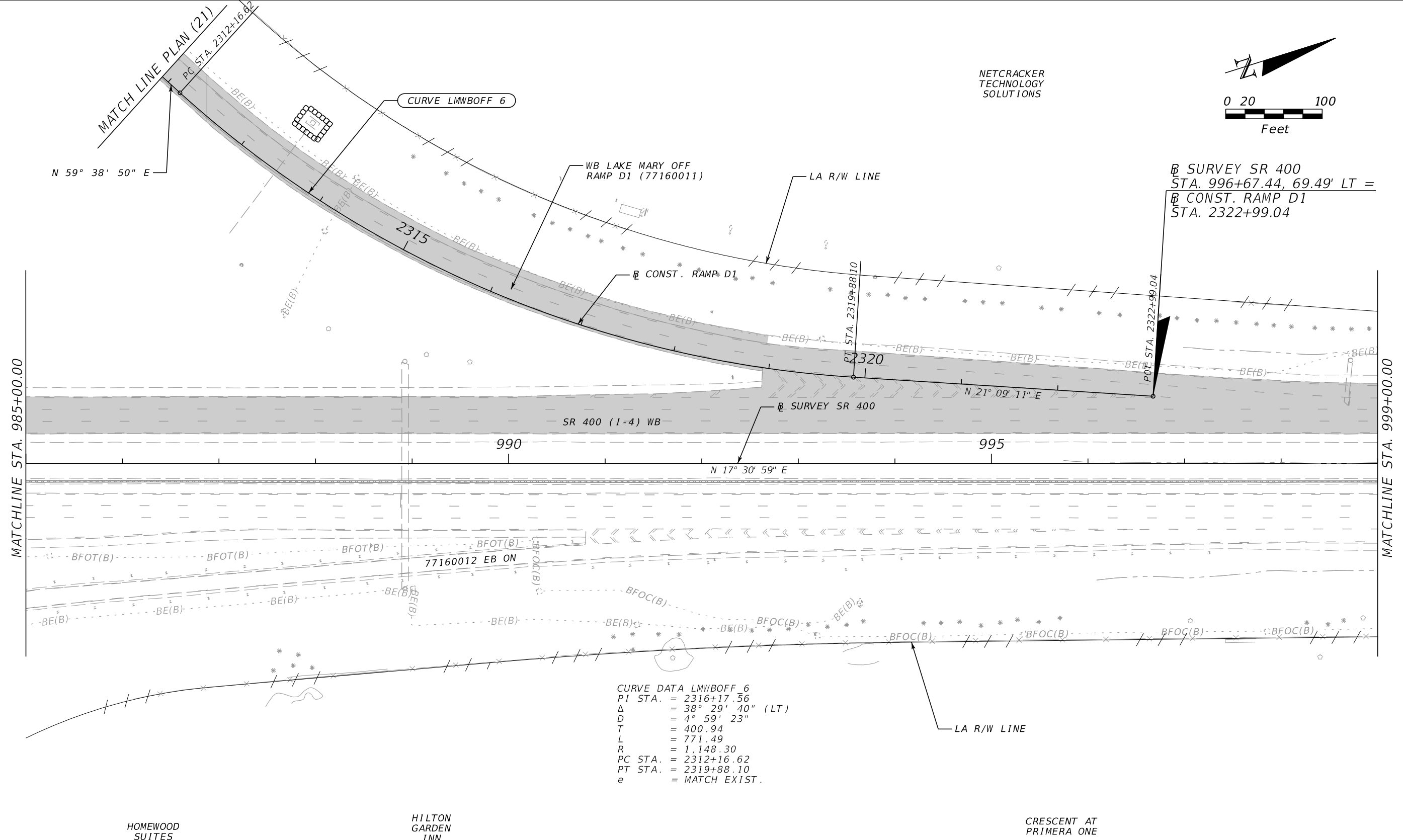
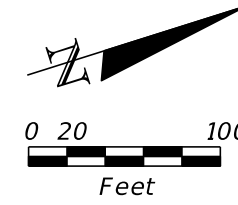
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

ROADWAY PLAN (4)

SHEET NO.
16

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

NETCRACKER
TECHNOLOGY
SOLUTIONS



CURVE DATA LMWBOFF 6
 PI STA. = 2316+17.56
 Δ = 38° 29' 40" (LT)
 D = 4° 59' 23"
 T = 400.94
 L = 771.49
 R = 1,148.30
 PC STA. = 2312+16.62
 PT STA. = 2319+88.10
 e = MATCH EXIST.

HOMEWOOD SUITES HILTON GARDEN INN CRESCENT AT PRIMERA ONE

LEGEND:
 ■ MILLING AND RESURFACING
 □ INLET PROTECTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

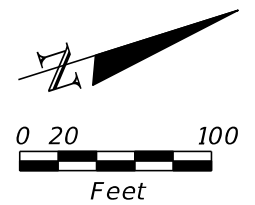
MICHAEL HERON, P.E. 56182
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 111 NORTH ORANGE AVENUE, SUITE 1450
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

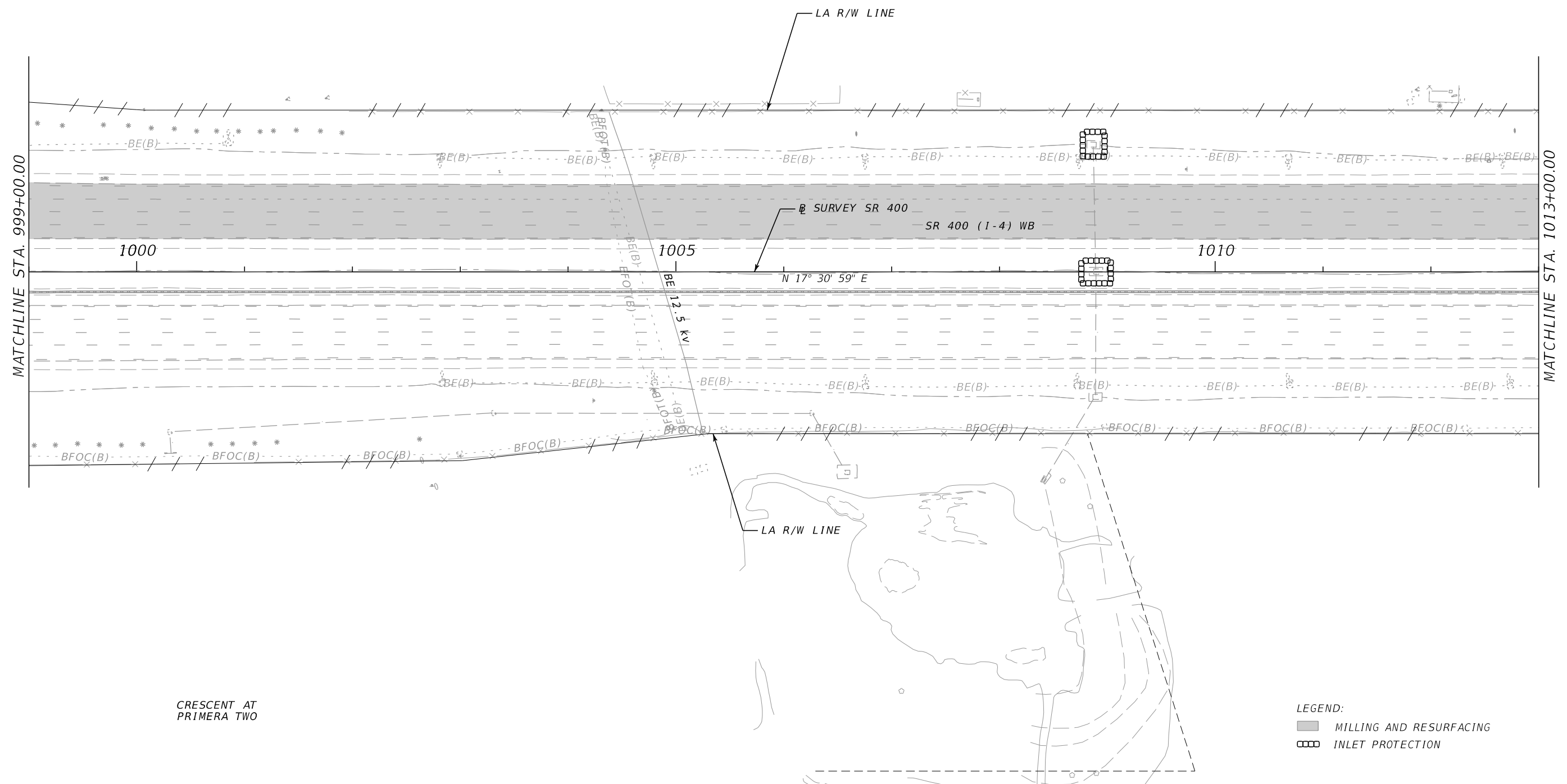
ROADWAY PLAN (5)

SHEET NO.
17

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



SEMINOLE
COUNTY
WASTEWATER
TREATMENT



CRESCENT AT
PRIMERA TWO

- LEGEND:
- MILLING AND RESURFACING
 - INLET PROTECTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

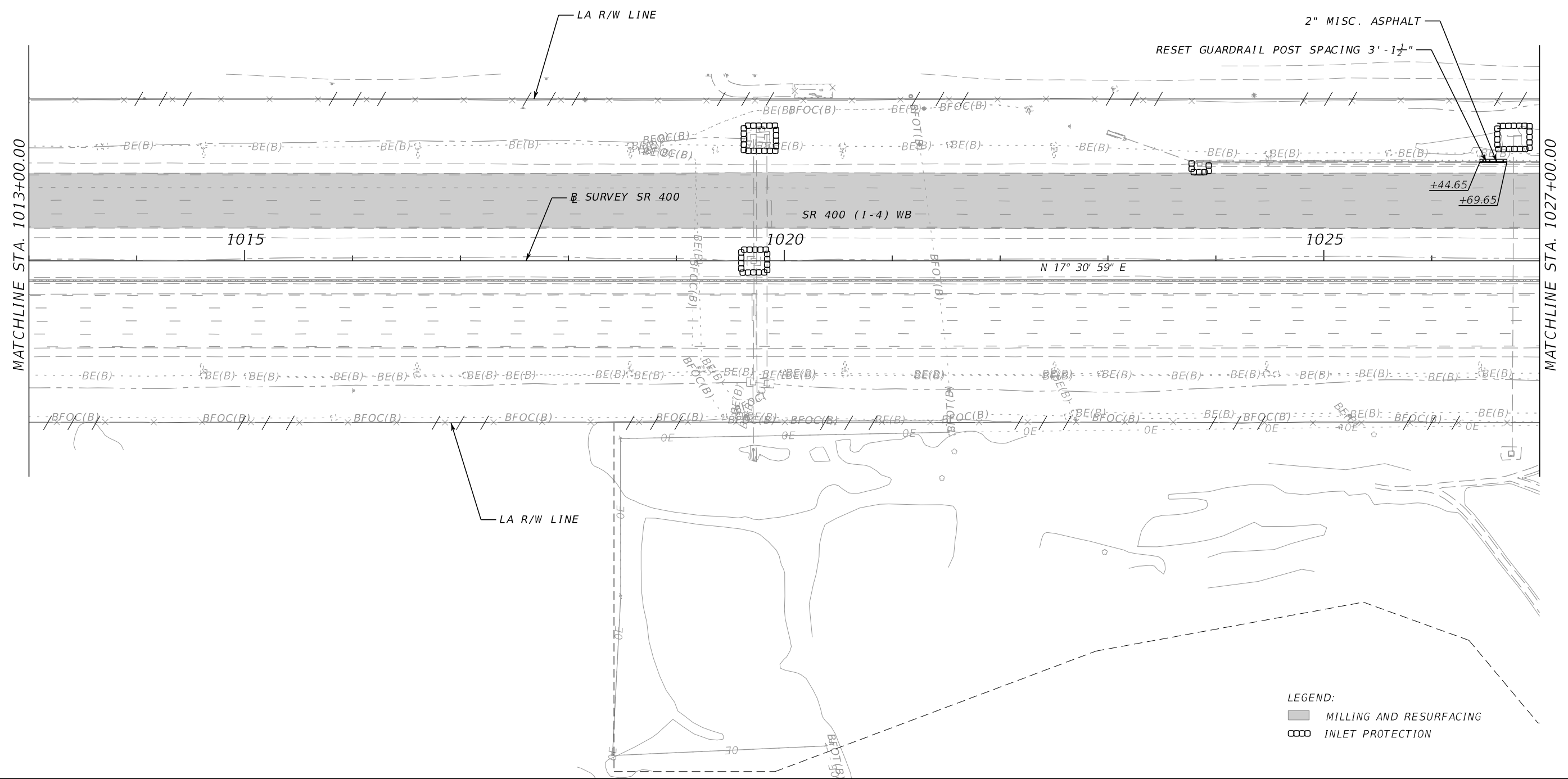
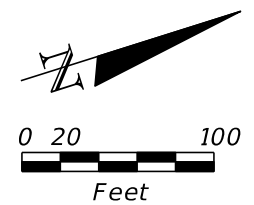
MICHAEL HERON, P.E. 56182
STV INCORPORATED
111 NORTH ORANGE AVENUE, SUITE 1450
ORLANDO, FL 32801
(321) 418-6604
CERTIFICATE OF AUTHORIZATION NO. 390

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

ROADWAY PLAN (6)

SHEET
NO.
18

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



- LEGEND:
- MILLING AND RESURFACING
 - INLET PROTECTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

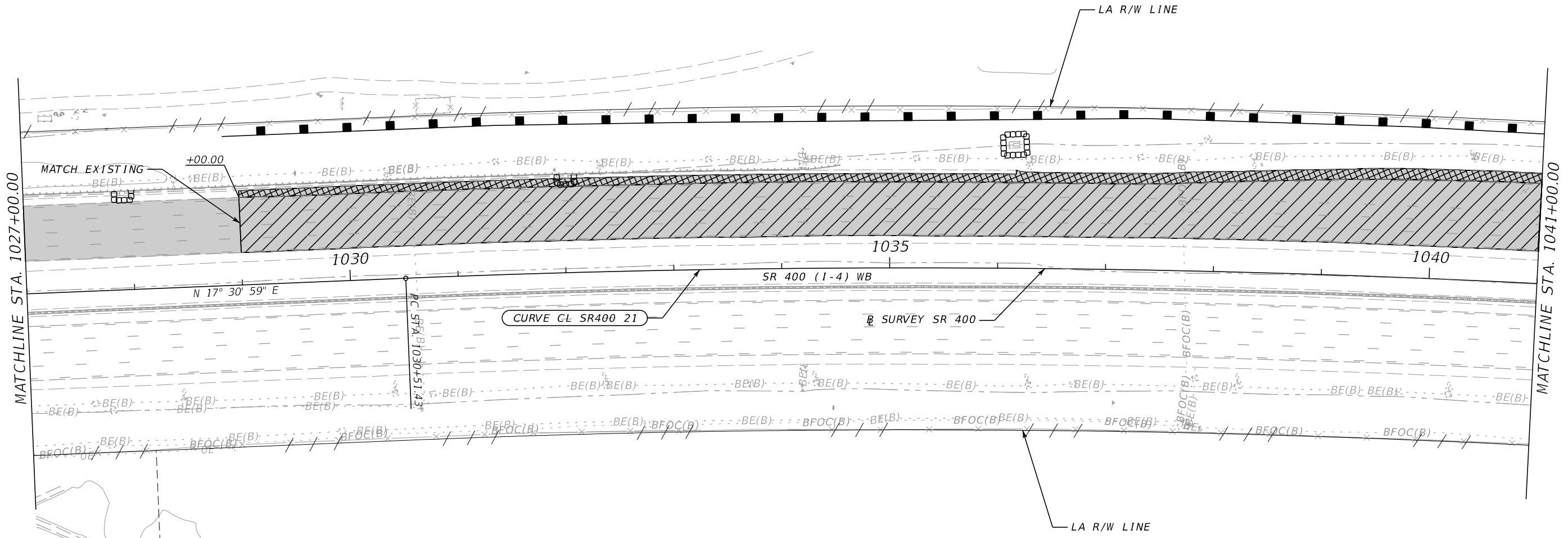
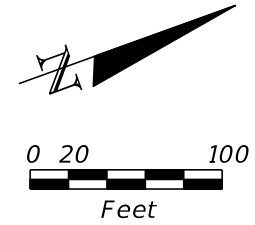
MICHAEL HERON, P.E. 56182
 STV INCORPORATED
 111 NORTH ORANGE AVENUE, SUITE 1450
 ORLANDO, FL 32801
 (321) 418-6604
 CERTIFICATE OF AUTHORIZATION NO. 390

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

ROADWAY PLAN (7)

SHEET
NO.
19

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



CURVE DATA CL SR400 21
 PI STA. = 1037+06.38
 Δ = 6° 32' 33" (RT)
 D = 0° 30' 00"
 T = 654.95
 L = 1,308.48
 R = 11,459.20
 PC STA. = 1030+51.43
 PT STA. = 1043+59.91
 e = RC

- LEGEND:
- OVERBUILD MAINLINE
 - OVERBUILD SHOULDERS
 - MILLING AND RESURFACING
 - INLET PROTECTION
 - SEDIMENT BARRIER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MICHAEL HERON, P.E. 56182
 STV INCORPORATED
 111 NORTH ORANGE AVENUE, SUITE 1450
 ORLANDO, FL 32801
 (321) 418-6604
 CERTIFICATE OF AUTHORIZATION NO. 390

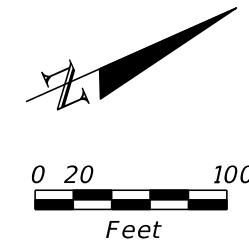
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

ROADWAY PLAN (8)

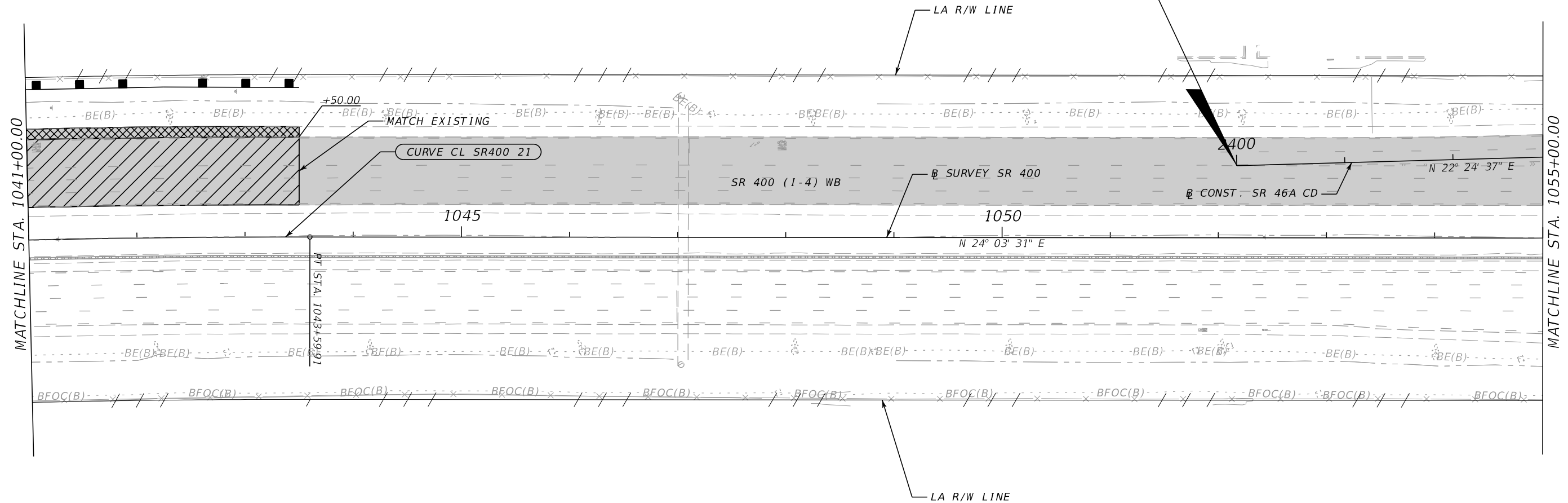
SHEET NO.
20

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

NCR LOCAL



B SURVEY SR 400
 STA. 1052+16.91, 66.58' LT =
 B CONST. CD
 STA. 2400+00.00



CURVE DATA CL SR400_21
 PI STA. = 1037+06.38
 Δ = 6° 32' 33" (RT)
 D = 0° 30' 00"
 T = 654.95
 L = 1,308.48
 R = 11,459.20
 PC STA. = 1030+51.43
 PT STA. = 1043+59.91
 e = RC

- LEGEND:
- OVERBUILD MAINLINE
 - OVERBUILD SHOULDERS
 - MILLING AND RESURFACING
 - INLET PROTECTION
 - SEDIMENT BARRIER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MICHAEL HERON, P.E. 56182
 STV INCORPORATED
 111 NORTH ORANGE AVENUE, SUITE 1450
 ORLANDO, FL 32801
 (321) 418-6604
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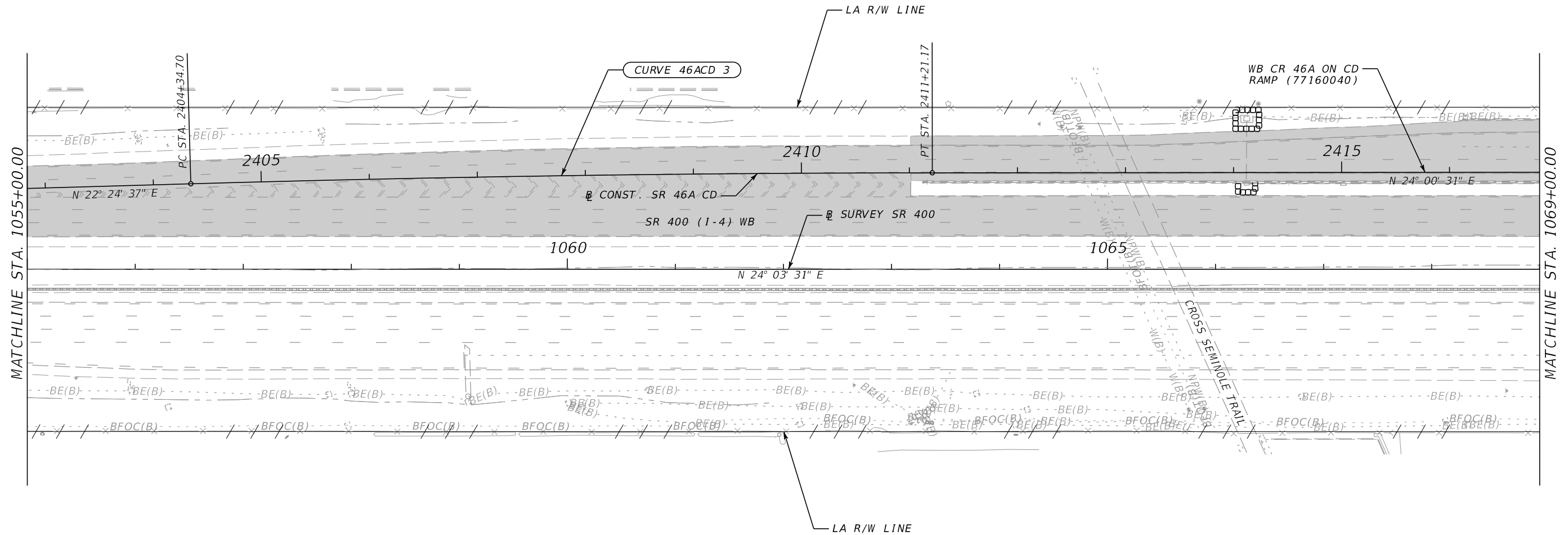
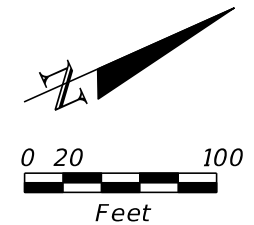
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

ROADWAY PLAN (9)

SHEET NO.
21

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HEATHROW AT COLONIAL
CENTER



REMINGTON COLLEGE
SCHOOL OF NURSING

CURVE DATA 46ACD 3
 PI STA. = 2407+77.96
 Δ = 1° 35' 54" (RT)
 D = 0° 13' 58"
 T = 343.26
 L = 686.48
 R = 24,608.97
 PC STA. = 2404+34.70
 PT STA. = 2411+21.17
 e = MATCH EXIST.

LEGEND:

- MILLING AND RESURFACING
- INLET PROTECTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MICHAEL HERON, P.E. 56182
 STV INCORPORATED
 111 NORTH ORANGE AVENUE, SUITE 1450
 ORLANDO, FL 32801
 (321) 418-6604
 CERTIFICATE OF AUTHORIZATION NO. 390

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

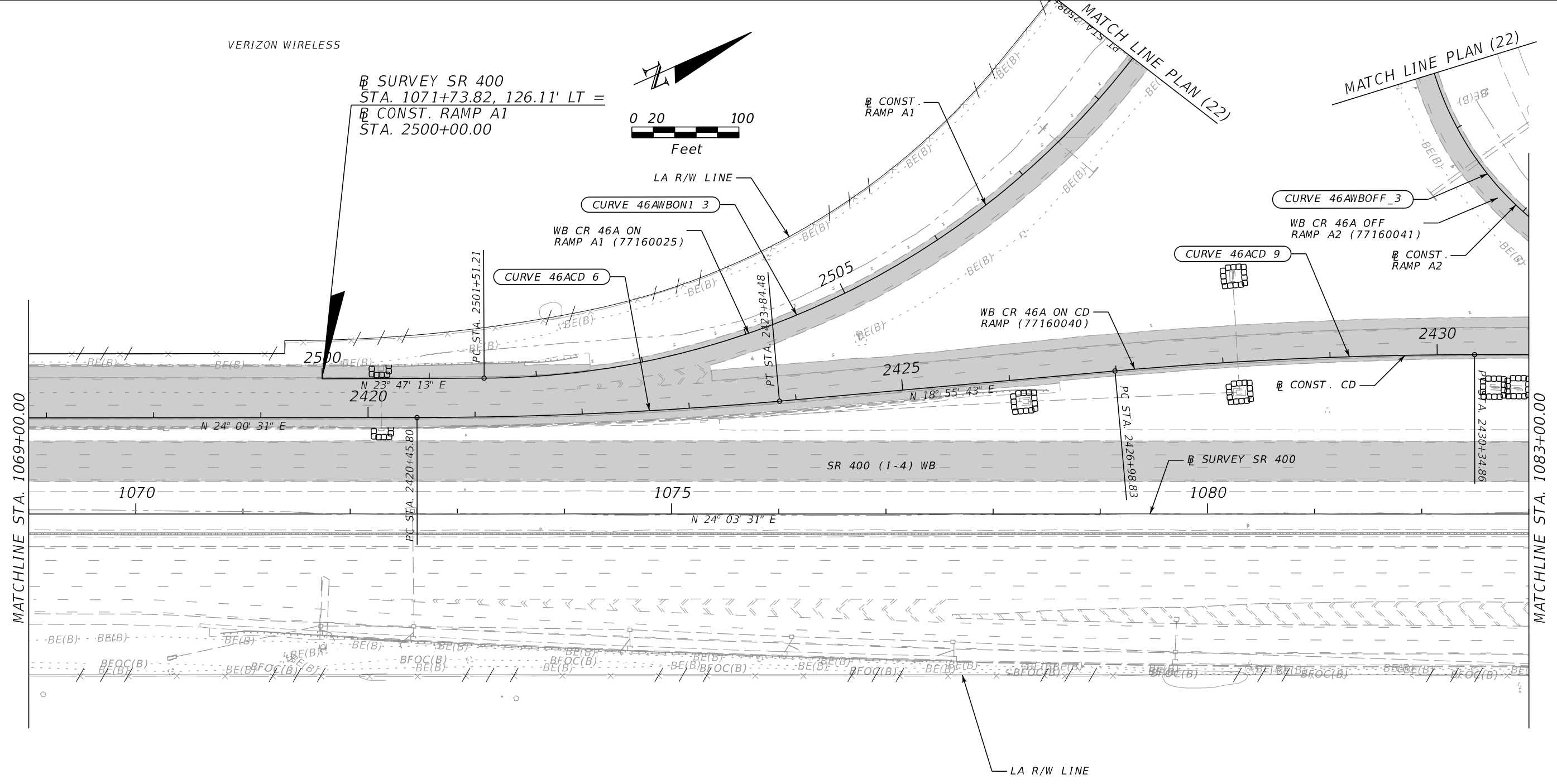
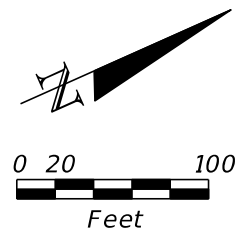
ROADWAY PLAN (10)

SHEET NO.
22

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

VERIZON WIRELESS

B SURVEY SR 400
 STA. 1071+73.82, 126.11' LT =
 B CONST. RAMP A1
 STA. 2500+00.00



CURVE DATA 46ACD 6
 PI STA. = 2422+15.25
 Δ = 5° 04' 47" (LT)
 D = 1° 30' 00"
 T = 169.45
 L = 338.68
 R = 3,820.00
 PC STA. = 2420+45.80
 PT STA. = 2423+84.48
 e = MATCH EXIST.

CURVE DATA 46AWBON 3
 PI STA. = 2505+30.00
 Δ = 52° 23' 20" (LT)
 D = 7° 26' 28"
 T = 378.79
 L = 704.06
 R = 770.00
 PC STA. = 2501+51.21
 PT STA. = 2508+55.26
 e = MATCH EXIST.

CURVE DATA 46ACD 9
 PI STA. = 2428+66.96
 Δ = 5° 02' 24" (RT)
 D = 1° 30' 00"
 T = 168.12
 L = 336.03
 R = 3,820.00
 PC STA. = 2426+98.83
 PT STA. = 2430+34.86
 e = MATCH EXIST.

CURVE DATA 46AWBOFF 3
 PI STA. = 2618+73.18
 Δ = 151° 54' 22" (LT)
 D = 20° 02' 01"
 T = 1,143.09
 L = 758.26
 R = 286.00
 PC STA. = 2607+30.09
 PT STA. = 2614+88.35
 e = MATCH EXIST.

LEGEND:
 MILLING AND RESURFACING
 INLET PROTECTION

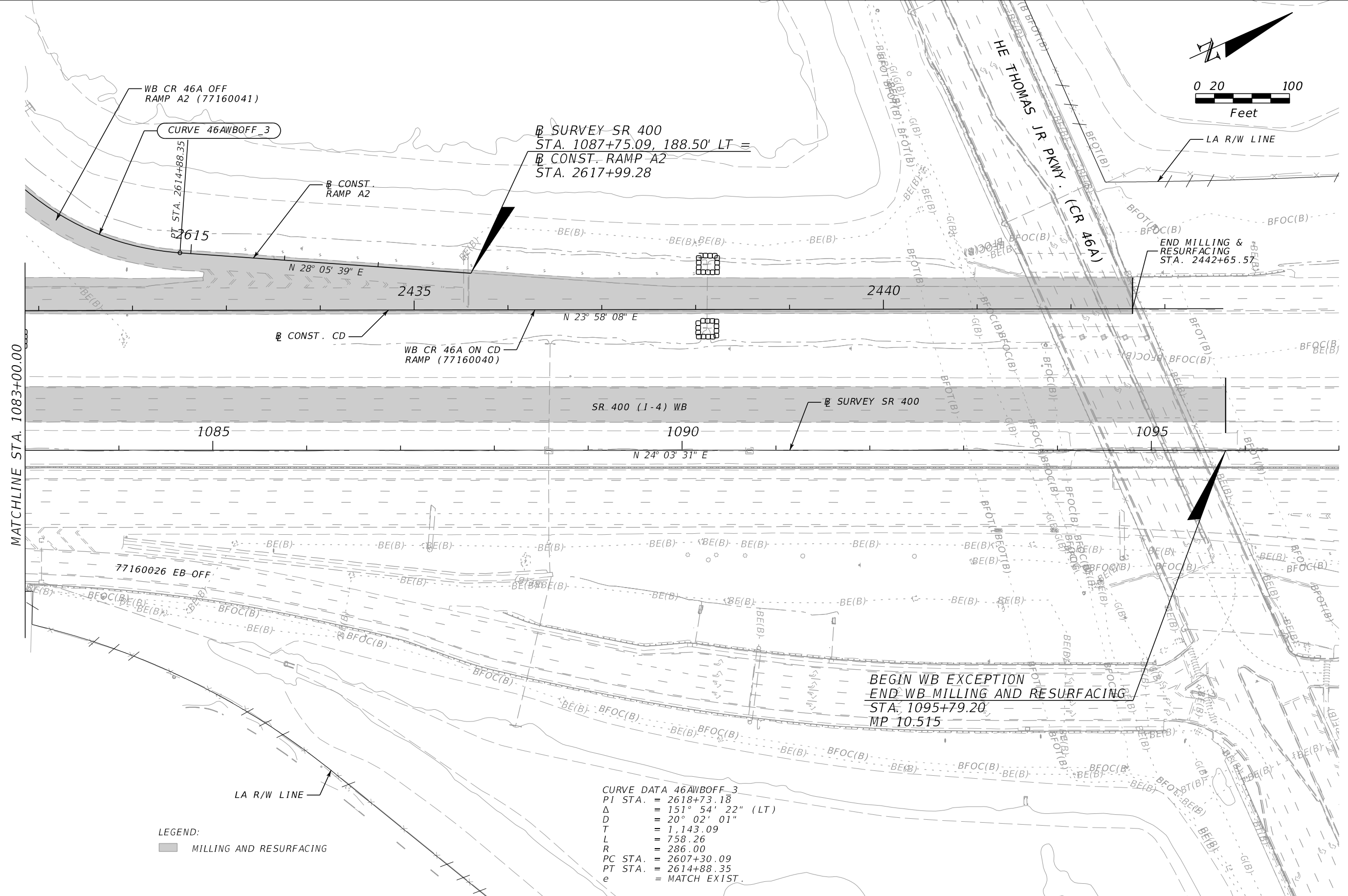
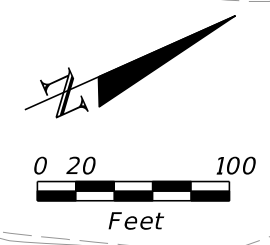
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MICHAEL HERON, P.E. 56182
 STV INCORPORATED
 111 NORTH ORANGE AVENUE, SUITE 1450
 ORLANDO, FL 32801
 (321) 418-6604
 CERTIFICATE OF AUTHORIZATION NO. 390

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

ROADWAY PLAN (11)
 SHEET NO. 23

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



MATCHLINE STA. 1083+00.00

WB CR 46A OFF RAMP A2 (77160041)

CURVE 46AWBOFF_3

PT STA. 2614+88.35

CONST. RAMP A2

SURVEY SR 400
STA. 1087+75.09, 188.50' LT =
CONST. RAMP A2
STA. 2617+99.28

END MILLING & RESURFACING
STA. 2442+65.5

CONST. CD

WB CR 46A ON CD RAMP (77160040)

SR 400 (I-4) WB

SURVEY SR 400

1085

1090

1095

77160026 EB-OFF

BEGIN WB EXCEPTION
END WB MILLING AND RESURFACING
STA. 1095+79.20
MP 10.515

LA R/W LINE

LEGEND:
MILLING AND RESURFACING

CURVE DATA 46AWBOFF_3
PI STA. = 2618+73.18
Δ = 151° 54' 22" (LT)
D = 20° 02' 01"
T = 1,143.09
L = 758.26
R = 286.00
PC STA. = 2607+30.09
PT STA. = 2614+88.35
e = MATCH EXIST.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

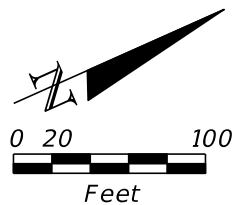
MICHAEL HERON, P.E. 56182
STV INCORPORATED
111 NORTH ORANGE AVENUE, SUITE 1450
ORLANDO, FL 32801
(321) 418-6604
CERTIFICATE OF AUTHORIZATION NO. 390

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

ROADWAY PLAN (12)

SHEET NO.
24

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



SURVEY SR 400
 STA. 1186+82.70, 186.05' LT =
 CONST. RAMP A
 STA. 2700+00.00

END MILLING &
 RESURFACING
 RAMP A
 STA. 2705+21.83
 CURVE 46WBON11 3
 WB SR 46 ON
 RAMP A (77160038)

MATCH LINE PLAN (23)

WB SR 46 ON
 RAMP D2 (77160039)

MATCH LINE PLAN (23)

CONST. RAMP A

LA R/W LINE

CURVE 46ON21 4

CURVE 46ON21 3

CONST. RAMP D2

BEGIN MILLING &
 RESURFACING
 STA. 2700+39.19

END MILLING &
 RESURFACING
 BEGIN BRIDGE
 STA. 2805+25.21

BEGIN MILLING &
 RESURFACING
 END BRIDGE
 STA. 2807+18.61

2" MISC. ASPHALT
 RESET GUARDRAIL-POST SPACING 3' - 1 1/2"

BEGIN MILLING &
 RESURFACING
 STA. 2800+14.31

BEGIN BRIDGE #770084
 STA. 1192+99.35

SR 400 (1-4) WB

1185

1190

1195

SURVEY SR 400

SURVEY SR 400
 STA. 1187+07.53, 147.24' LT =
 CONST. RAMP D1
 STA. 2800+00.00

END BRIDGE #770084
 BEGIN WB MILLING AND
 RESURFACING
 STA. 1194+91.81

END WB EXCEPTION
 STA. 1192+96.74

77160036 EB ON

77160014 EB OFF

LA R/W LINE

CURVE DATA 46WBON11 3
 PI STA. = 2705+45.50
 Δ = 112° 59' 04" (LT)
 D = 38° 11' 50"
 T = 226.56
 L = 295.79
 R = 150.00
 PC STA. = 2703+18.95
 PT STA. = 2706+14.74
 e = MATCH EXIST.

CURVE DATA 46ON21 4
 PI STA. = 2821+30.15
 Δ = 35° 22' 57" (LT)
 D = 20° 02' 01"
 T = 91.23
 L = 176.62
 R = 286.00
 PC STA. = 2820+38.93
 PT STA. = 2822+15.54
 e = MATCH EXIST.

CURVE DATA 46ON21 3
 PI STA. = 2811+87.15
 Δ = 258° 12' 12" (LT)
 D = 22° 02' 13"
 T = 319.91
 L = 1,171.69
 R = 260.00
 PC STA. = 2808+67.24
 PT STA. = 2820+38.93
 e = MATCH EXIST.

LEGEND:
 MILLING AND RESURFACING
 INLET PROTECTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

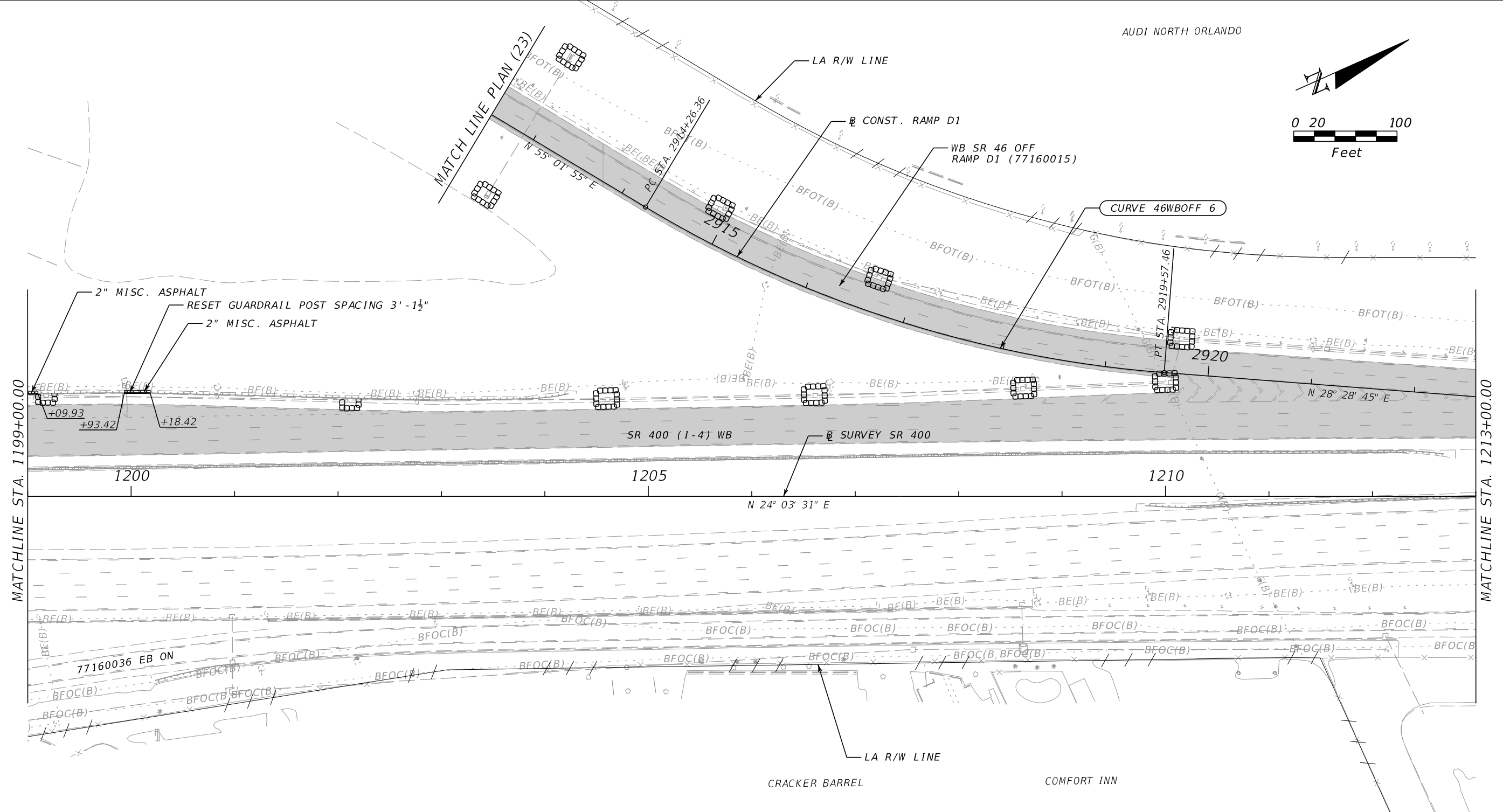
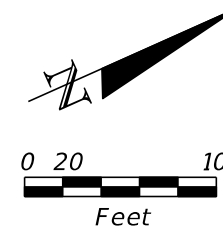
MICHAEL HERON, P.E. 56182
 STV INCORPORATED
 111 NORTH ORANGE AVENUE, SUITE 1450
 ORLANDO, FL 32801
 (321) 418-6604
 CERTIFICATE OF AUTHORIZATION NO. 390

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

ROADWAY PLAN (13)
 SHEET NO. 25

MATCHLINE STA. 1199+00.00

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MATCHLINE STA. 1199+00.00

MATCHLINE STA. 1213+00.00

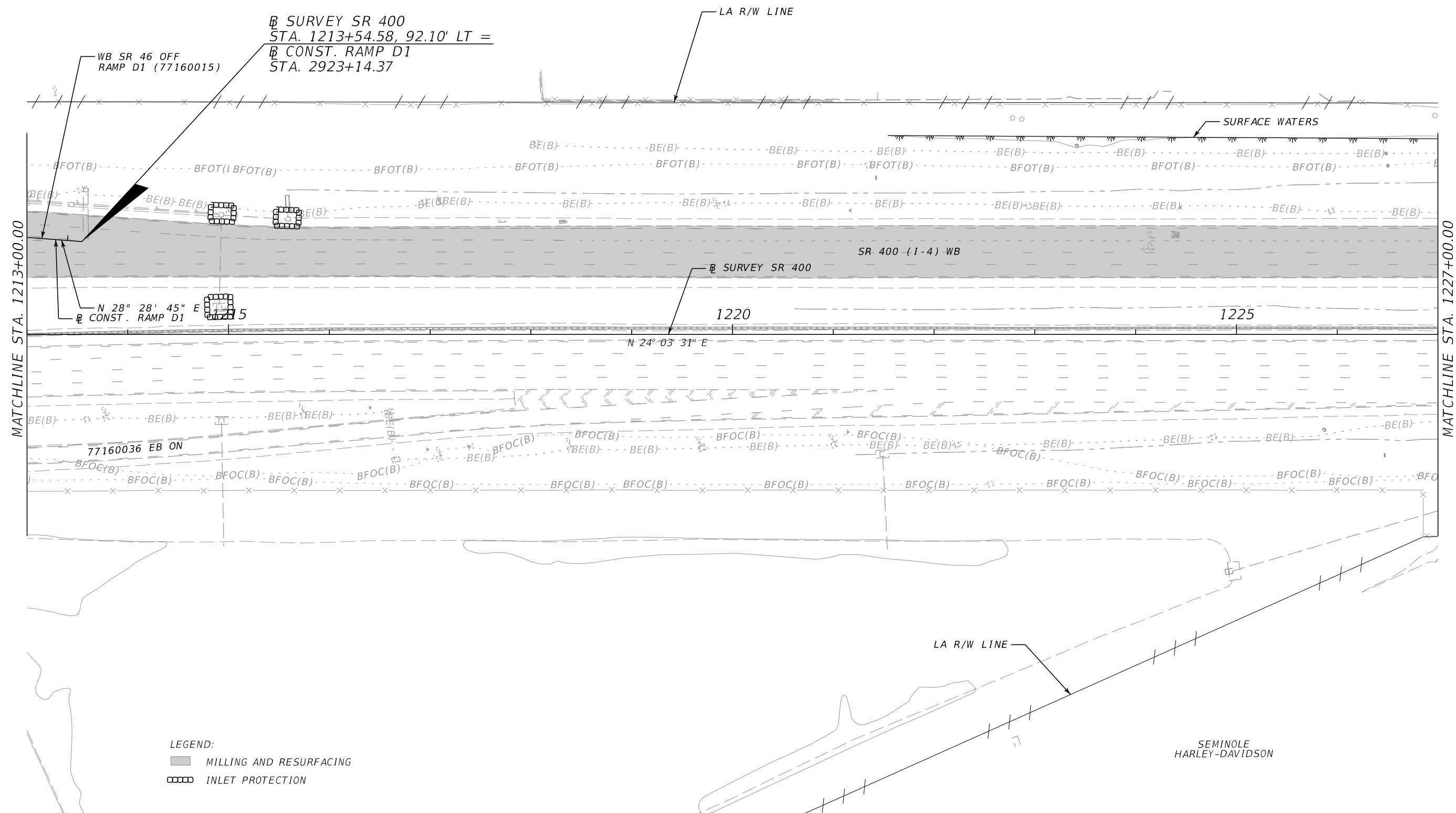
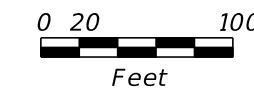
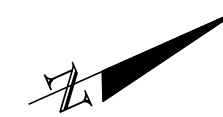
LEGEND:
 MILLING AND RESURFACING
 INLET PROTECTION

CURVE DATA 46WBOFF 6
 PI STA. = 2916+96.77
 Δ = 26° 33' 11" (LT)
 D = 4° 59' 59"
 T = 270.41
 L = 531.10
 R = 1,146.00
 PC STA. = 2914+26.36
 PT STA. = 2919+57.46
 e = MATCH EXIST.

REVISIONS				MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 26
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 400	SEMINOLE	439682-1-52-01	

ROADWAY PLAN (14)

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MATCHLINE STA. 1213+00.00

MATCHLINE STA. 1227+00.00

LEGEND:
 ■ MILLING AND RESURFACING
 □ INLET PROTECTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

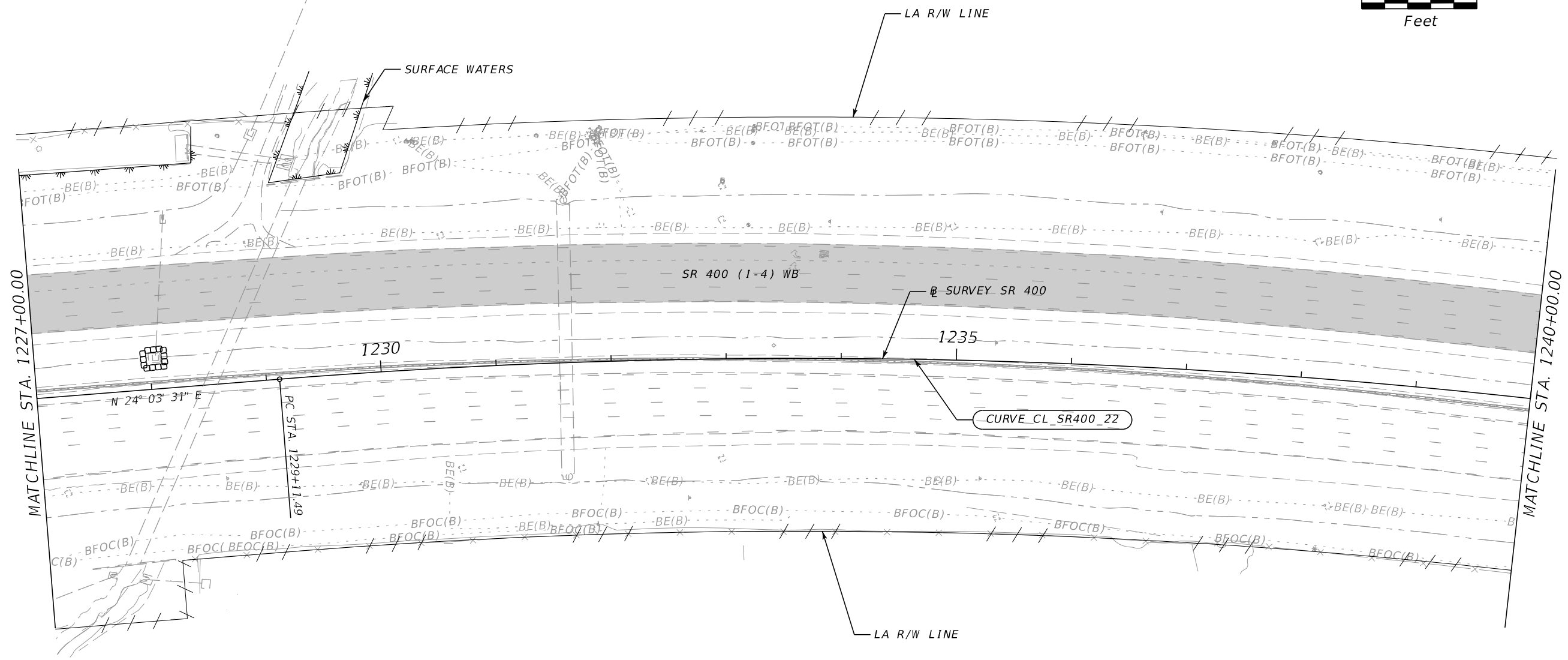
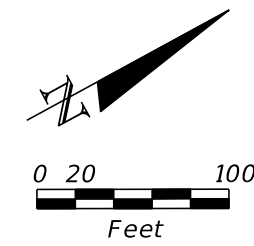
MICHAEL HERON, P.E. 56182
 STV INCORPORATED
 111 NORTH ORANGE AVENUE, SUITE 1450
 ORLANDO, FL 32801
 (321) 418-6604
 CERTIFICATE OF AUTHORIZATION NO. 390

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

ROADWAY PLAN (15)

SHEET NO.
27

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



CURVE CL_SR400_22

CURVE DATA CL_SR400_22
 P1 STA. = 1237+92.68
 Δ = 17° 29' 12" (RT)
 D = 1° 00' 00"
 T = 881.19
 L = 1,748.68
 R = 5,729.65
 PC STA. = 1229+11.49
 PT STA. = 1246+60.17
 e = MATCH EXIST.

FIVE R
TRUCKS & TRAILERS

- LEGEND:
 ■ MILLING AND RESURFACING
 □ INLET PROTECTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MICHAEL HERON, P.E. 56182
 STV INCORPORATED
 111 NORTH ORANGE AVENUE, SUITE 1450
 ORLANDO, FL 32801
 (321) 418-6604
 CERTIFICATE OF AUTHORIZATION NO. 390

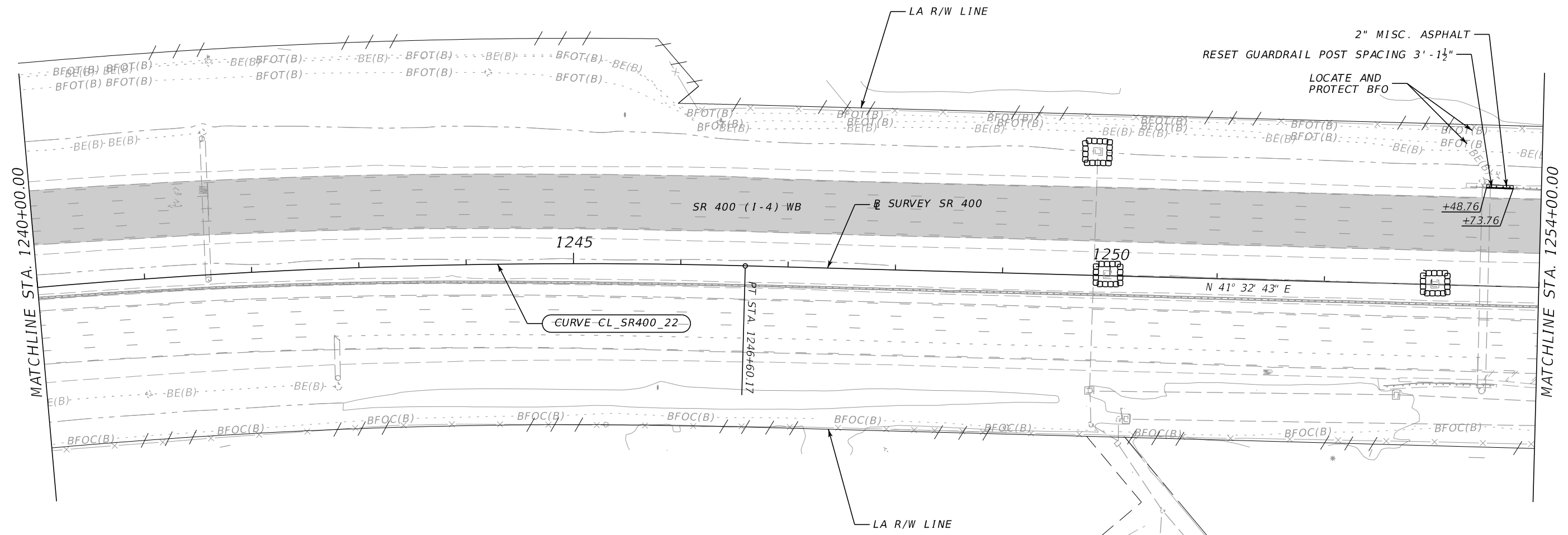
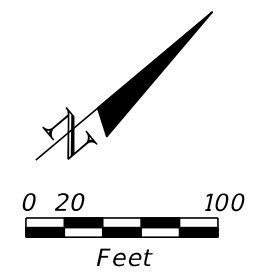
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

ROADWAY PLAN (16)

SHEET NO.
28

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CHESTNUT ST.



CURVE DATA CL SR400_22
 PI STA. = 1237+92.68
 Δ = 17° 29' 12" (RT)
 D = 1° 00' 00"
 T = 881.19
 L = 1,748.68
 R = 5,729.65
 PC STA. = 1229+11.49
 PT STA. = 1246+60.17
 e = MATCH EXIST.

LEGEND:
 MILLING AND RESURFACING
 INLET PROTECTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MICHAEL HERON, P.E. 56182
 STV INCORPORATED
 111 NORTH ORANGE AVENUE, SUITE 1450
 ORLANDO, FL 32801
 (321) 418-6604
 CERTIFICATE OF AUTHORIZATION NO. 390

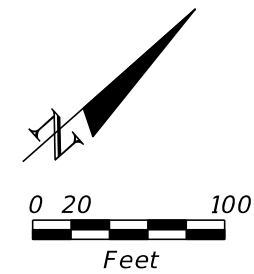
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

ROADWAY PLAN (17)

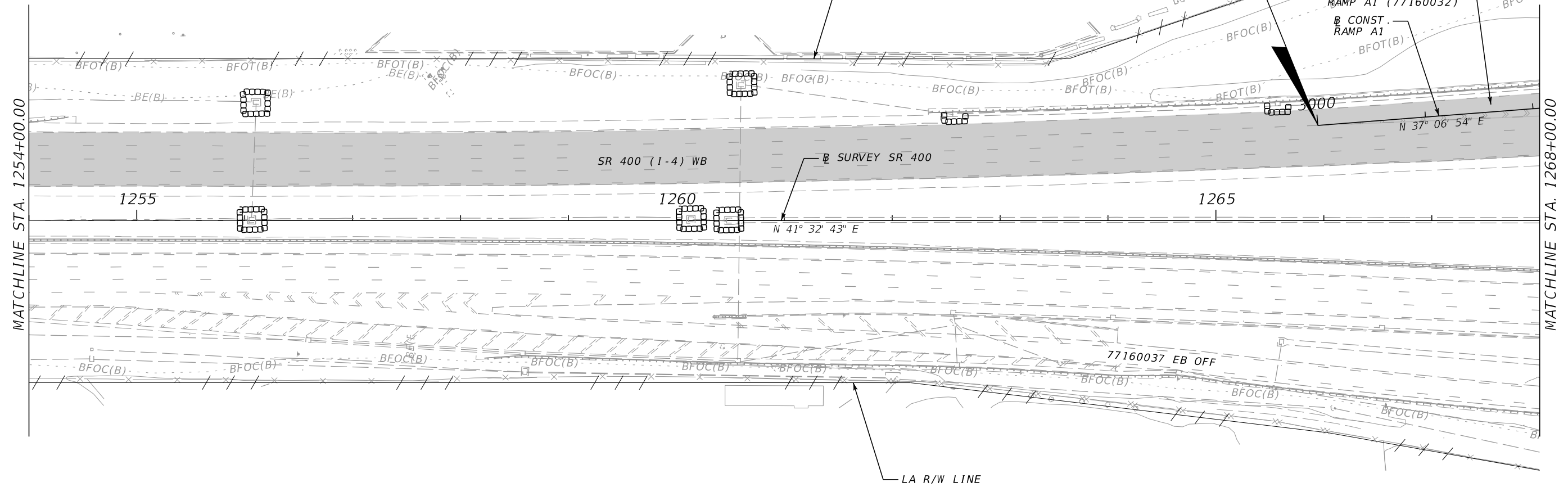
SHEET NO.
29

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LA MESA
RV CENTER



B SURVEY SR 400
 STA. 1265+94.41, 88.15' LT =
 B CONST. RAMP A1
 STA. 3000+00.00



LEGEND:
 ■ MILLING AND RESURFACING
 □ INLET PROTECTION

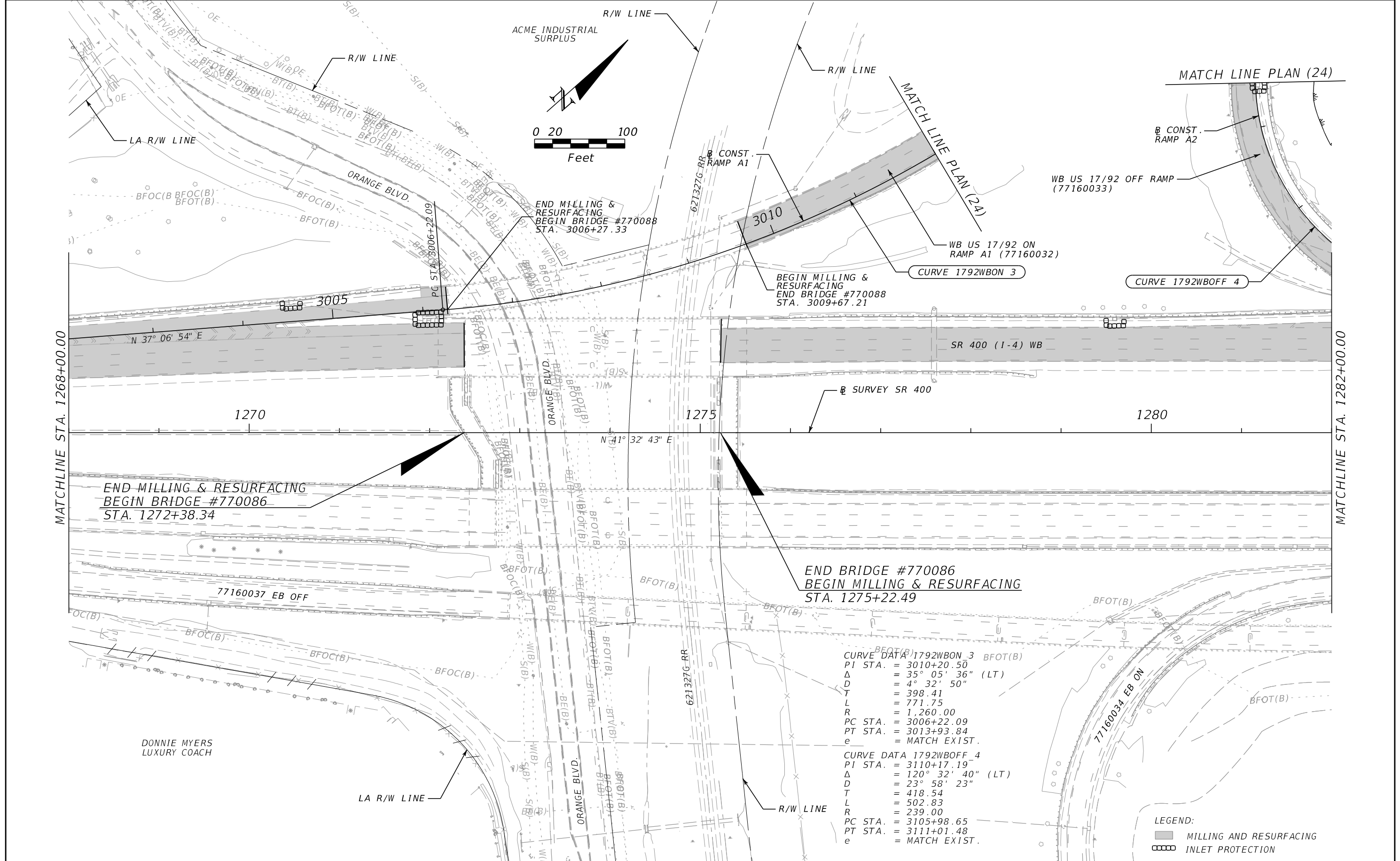
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MICHAEL HERON, P.E. 56182
 STV INCORPORATED
 111 NORTH ORANGE AVENUE, SUITE 1450
 ORLANDO, FL 32801
 (321) 418-6604
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

ROADWAY PLAN (18)
 SHEET NO. 30

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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	SEMINOLE	439682-1-52-01

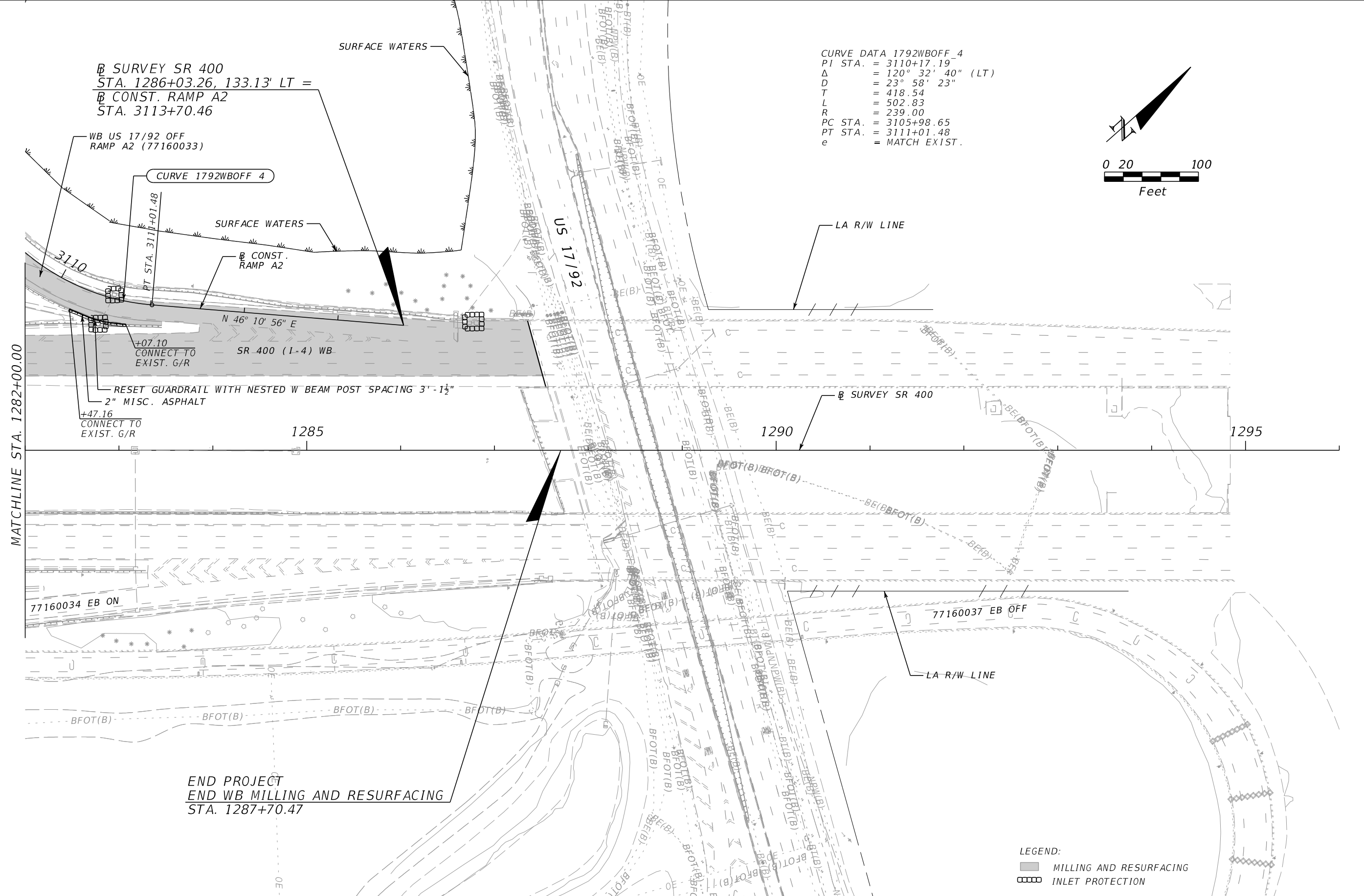
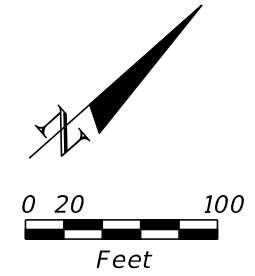
ROADWAY PLAN (19)

SHEET NO. 31

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

SURVEY SR 400
 STA. 1286+03.26, 133.13' LT =
 CONST. RAMP A2
 STA. 3113+70.46

CURVE DATA 1792WBOFF_4
 PI STA. = 3110+17.19
 Δ = 120° 32' 40" (LT)
 D = 23° 58' 23"
 T = 418.54
 L = 502.83
 R = 239.00
 PC STA. = 3105+98.65
 PT STA. = 3111+01.48
 e = MATCH EXIST.



MATCHLINE STA. 1282+00.00

END PROJECT
 END WB MILLING AND RESURFACING
 STA. 1287+70.47

LEGEND:
 ■ MILLING AND RESURFACING
 □ INLET PROTECTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MICHAEL HERON, P.E. 56182
 STV INCORPORATED
 111 NORTH ORANGE AVENUE, SUITE 1450
 ORLANDO, FL 32801
 (321) 418-6604
 CERTIFICATE OF AUTHORIZATION NO. 390

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

ROADWAY PLAN (20)

32

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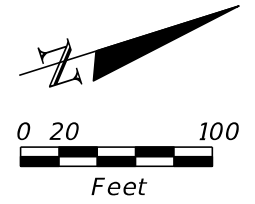
CURVE DATA LMWBON21_4
 PI STA. = 2114+51.48
 Δ = 247° 52' 01" (LT)
 D = 18° 28' 57"
 T = 460.75
 L = 1,341.09
 R = 310.00
 PC STA. = 2109+90.73
 PT STA. = 2123+31.82
 e = MATCH EXIST.

CURVE DATA LMWBON11_4
 PI STA. = 2018+15.21
 Δ = 94° 37' 16" (LT)
 D = 10° 25' 03"
 T = 596.25
 L = 908.30
 R = 550.00
 PC STA. = 2012+18.96
 PT STA. = 2021+27.26
 e = MATCH EXIST.

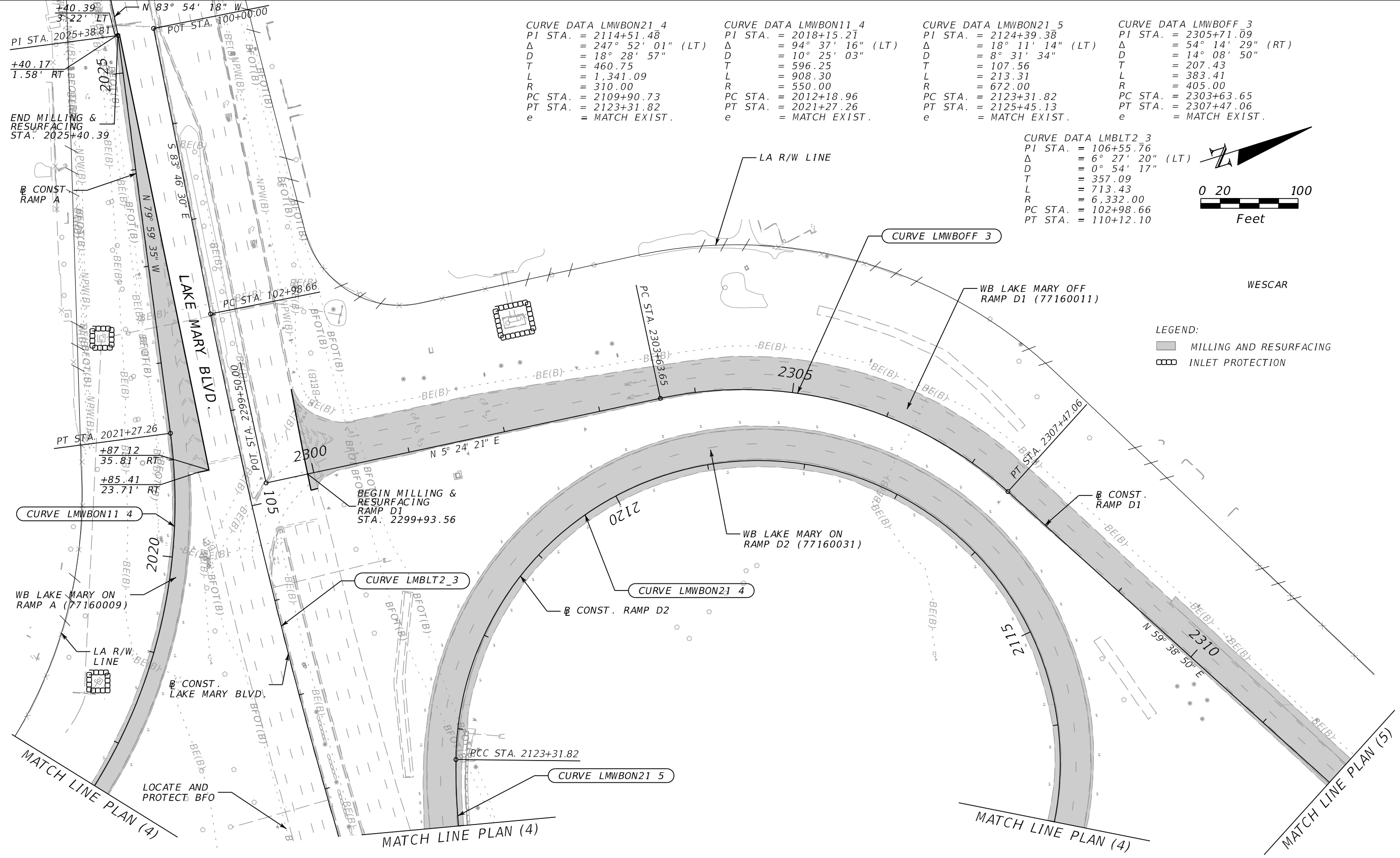
CURVE DATA LMWBON21_5
 PI STA. = 2124+39.38
 Δ = 18° 11' 14" (LT)
 D = 8° 31' 34"
 T = 107.56
 L = 213.31
 R = 672.00
 PC STA. = 2123+31.82
 PT STA. = 2125+45.13
 e = MATCH EXIST.

CURVE DATA LMWBOFF_3
 PI STA. = 2305+71.09
 Δ = 54° 14' 29" (RT)
 D = 14° 08' 50"
 T = 207.43
 L = 383.41
 R = 405.00
 PC STA. = 2303+63.65
 PT STA. = 2307+47.06
 e = MATCH EXIST.

CURVE DATA LMBLT2_3
 PI STA. = 106+55.76
 Δ = 6° 27' 20" (LT)
 D = 0° 54' 17"
 T = 357.09
 L = 713.43
 R = 6,332.00
 PC STA. = 102+98.66
 PT STA. = 110+12.10



LEGEND:
 [Shaded Area] MILLING AND RESURFACING
 [Square with X] INLET PROTECTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

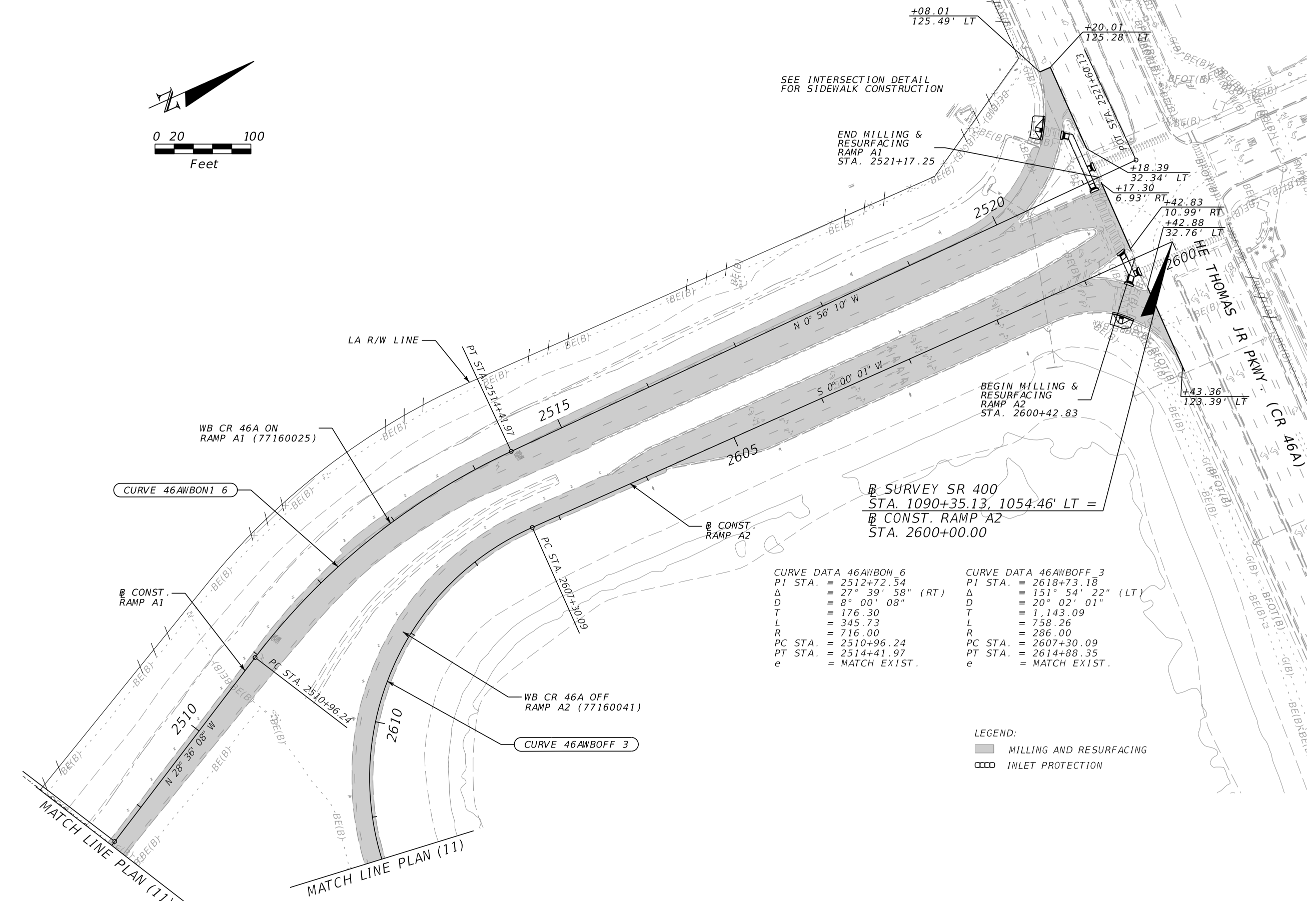
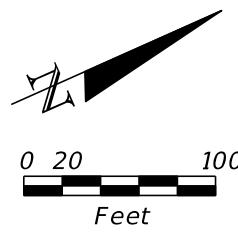
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ROADWAY PLAN (21)

SHEET NO.
33

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SEE INTERSECTION DETAIL FOR SIDEWALK CONSTRUCTION

END MILLING & RESURFACING RAMP A1 STA. 2521+17.25

BEGIN MILLING & RESURFACING RAMP A2 STA. 2600+42.83

B SURVEY SR 400 STA. 1090+35.13, 1054.46' LT =
 B CONST. RAMP A2 STA. 2600+00.00

CURVE DATA 46AWBON 6
 PI STA. = 2512+72.54
 Δ = 27° 39' 58" (RT)
 D = 8° 00' 08"
 T = 176.30
 L = 345.73
 R = 716.00
 PC STA. = 2510+96.24
 PT STA. = 2514+41.97
 e = MATCH EXIST.

CURVE DATA 46AWBOFF 3
 PI STA. = 2618+73.18
 Δ = 151° 54' 22" (LT)
 D = 20° 02' 01"
 T = 1,143.09
 L = 758.26
 R = 286.00
 PC STA. = 2607+30.09
 PT STA. = 2614+88.35
 e = MATCH EXIST.

LEGEND:
 MILLING AND RESURFACING
 INLET PROTECTION

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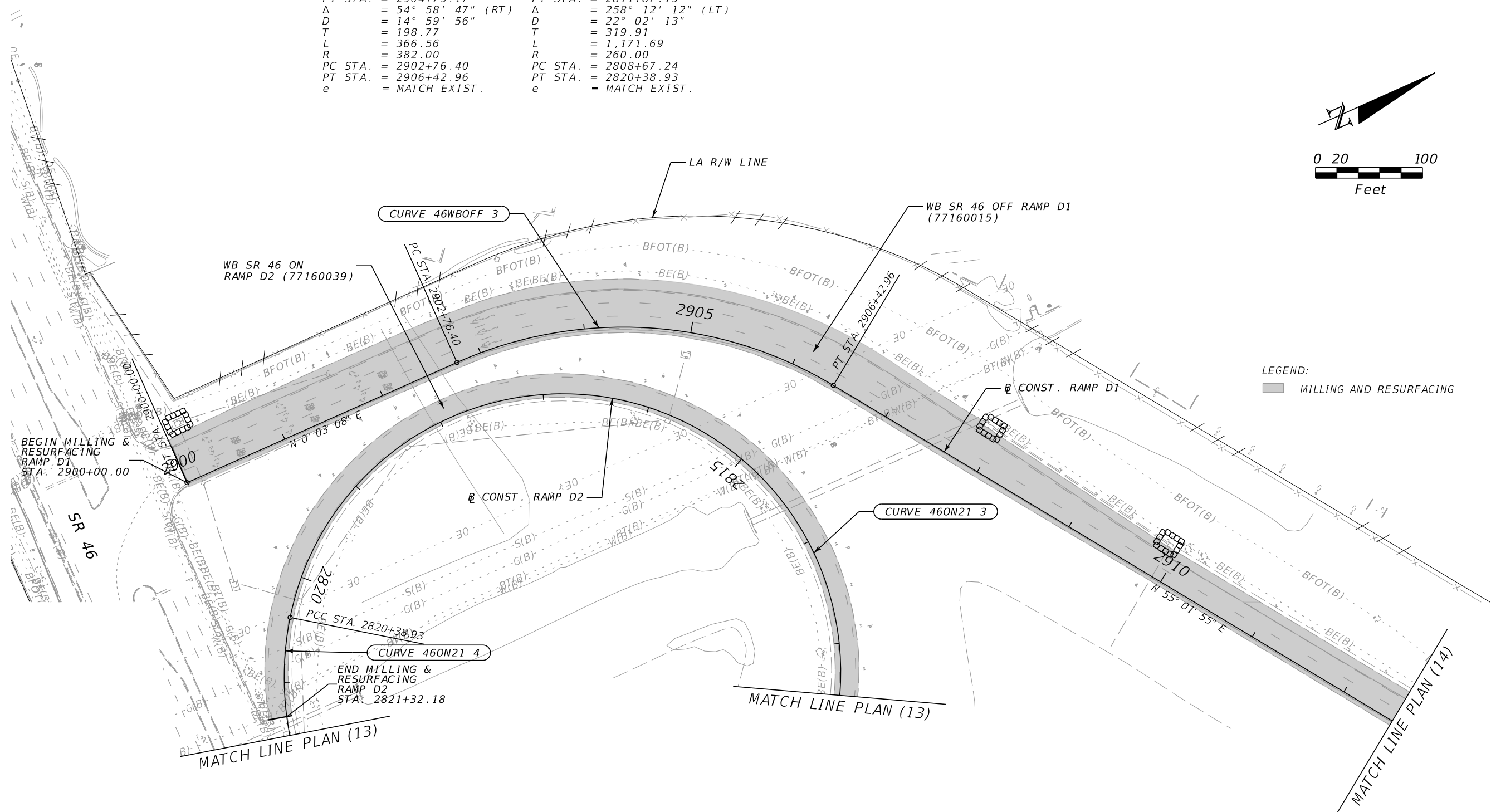
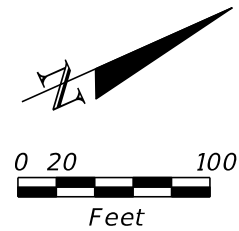
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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ROADWAY PLAN (22)
 SHEET NO. 34

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CURVE DATA 46WBOFF_3
 PI STA. = 2904+75.17
 Δ = 54° 58' 47" (RT)
 D = 14° 59' 56"
 T = 198.77
 L = 366.56
 R = 382.00
 PC STA. = 2902+76.40
 PT STA. = 2906+42.96
 e = MATCH EXIST.

CURVE DATA 46N21_3
 PI STA. = 2811+87.15
 Δ = 258° 12' 12" (LT)
 D = 22° 02' 13"
 T = 319.91
 L = 1,171.69
 R = 260.00
 PC STA. = 2808+67.24
 PT STA. = 2820+38.93
 e = MATCH EXIST.



LEGEND:
 [Shaded Box] MILLING AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

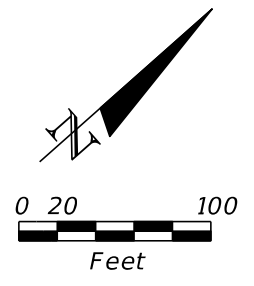
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
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SR 400	SEMINOLE	439682-1-52-01

ROADWAY PLAN (23)

SHEET NO.
35

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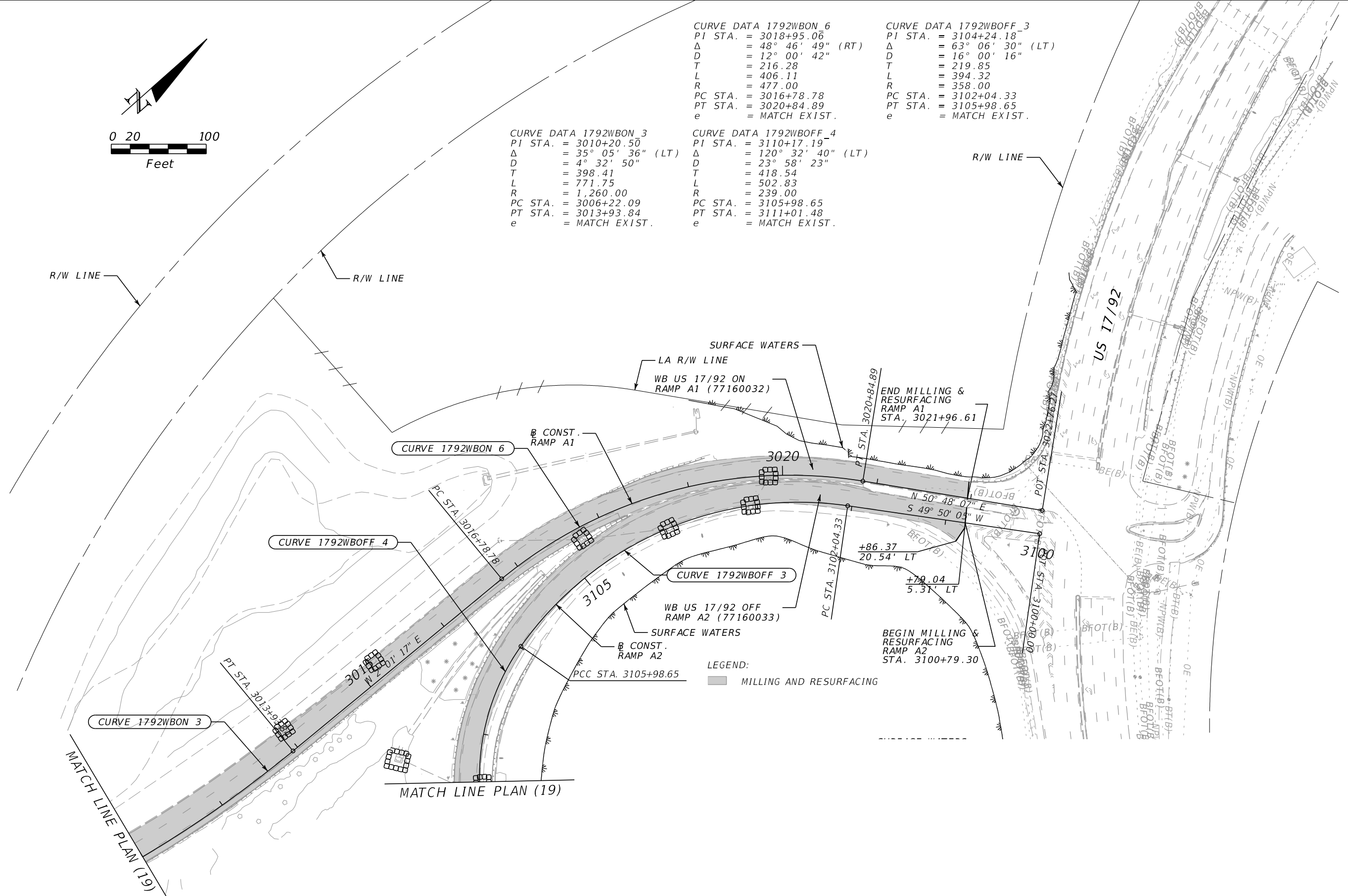


CURVE DATA 1792WBON 3
 PI STA. = 3010+20.50
 Δ = 35° 05' 36" (LT)
 D = 4° 32' 50"
 T = 398.41
 L = 771.75
 R = 1,260.00
 PC STA. = 3006+22.09
 PT STA. = 3013+93.84
 e = MATCH EXIST.

CURVE DATA 1792WBON 6
 PI STA. = 3018+95.06
 Δ = 48° 46' 49" (RT)
 D = 12° 00' 42"
 T = 216.28
 L = 406.11
 R = 477.00
 PC STA. = 3016+78.78
 PT STA. = 3020+84.89
 e = MATCH EXIST.

CURVE DATA 1792WBOFF 4
 PI STA. = 3110+17.19
 Δ = 120° 32' 40" (LT)
 D = 23° 58' 23"
 T = 418.54
 L = 502.83
 R = 239.00
 PC STA. = 3105+98.65
 PT STA. = 3111+01.48
 e = MATCH EXIST.

CURVE DATA 1792WBOFF 3
 PI STA. = 3104+24.18
 Δ = 63° 06' 30" (LT)
 D = 16° 00' 16"
 T = 219.85
 L = 394.32
 R = 358.00
 PC STA. = 3102+04.33
 PT STA. = 3105+98.65
 e = MATCH EXIST.



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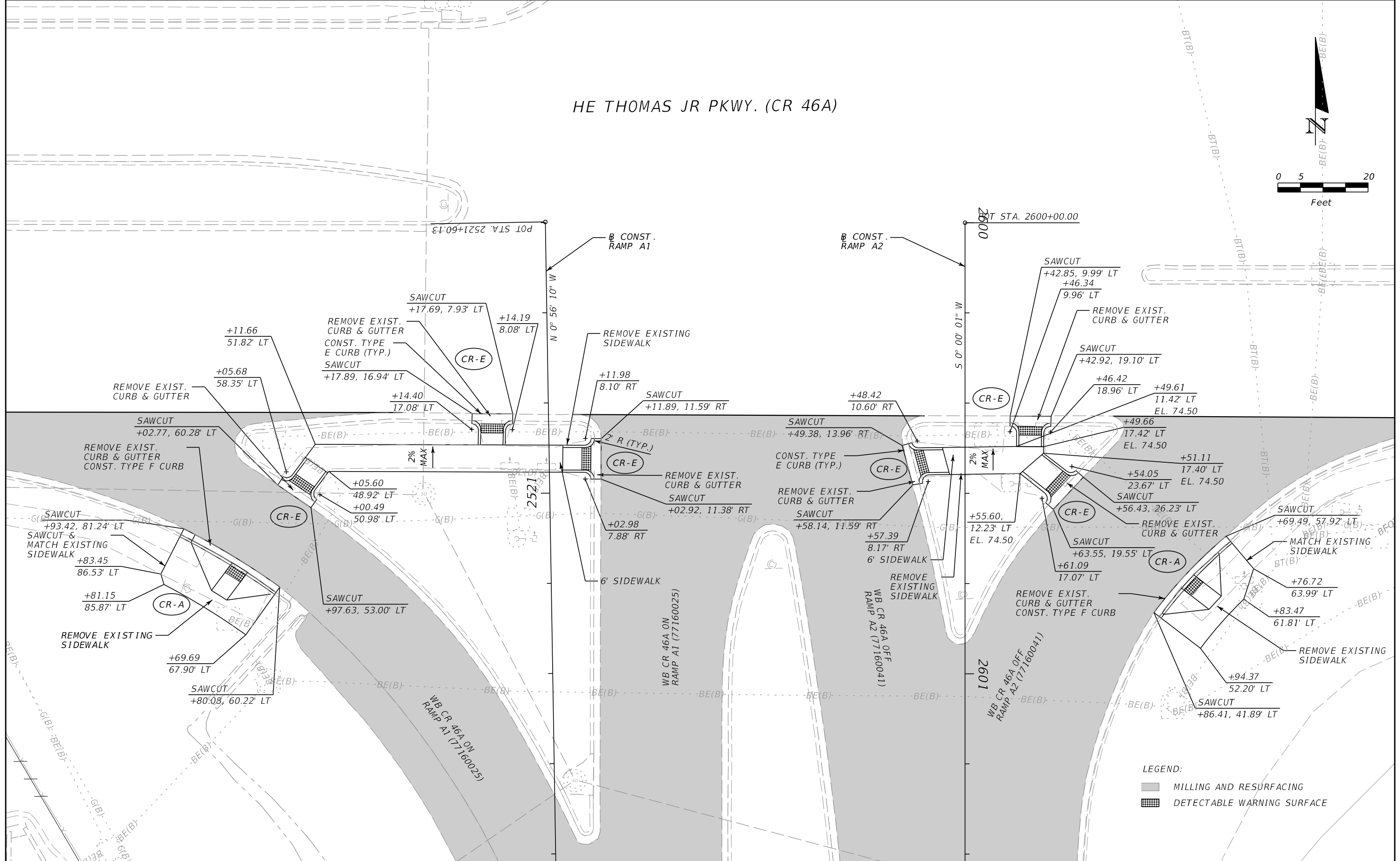
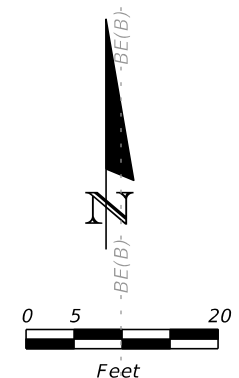
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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ROADWAY PLAN (24)

SHEET NO.
36

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HE THOMAS JR PKWY. (CR 46A)



REVISIONS			
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
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INTERSECTION DETAIL

SHEET NO.
37

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

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.

1.0 SITE DESCRIPTION:

1.A NATURE OF CONSTRUCTION ACTIVITY:

THE PROJECT IS THE MILLING AND RESURFACING THE WESTBOUND LANES OF OF STATE ROAD 400 (1-4). THIS INVOLVES CONSTRUCTING PAVEMENT SURFACE. THE PROJECT EXTENDS FROM WEST OF LAKE MARY BOULEVARD INTERCHANGE TO THE VOLUSIA COUNTY LINE. A DISTANCE OF APPROXIMATELY 6.78 MILES.

1.B 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.

CONSTRUCTION PHASING IS DETAILED IN THE CONSTRUCTION PLANS.

1.C AREA ESTIMATES:

TOTAL SITE AREA: 48.8 ACRES
 TOTAL AREA TO BE DISTURBED: 0.07 ACRES

1.D RUNOFF DATA:

RUNOFF COEFFICIENTS:

BEFORE: 0.85
 DURING: 0.85
 AFTER: 0.85

SOILS DATA: THE RESULTS OF THE SOIL BORINGS ALONG THE ROADWAY ARE SHOWN IN THE ROADWAY SOIL SURVEY SHEET(S). THE NUMBERS FOR THESE ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS.

OUTFALL INFORMATION:

THERE ARE MULTIPLE OUTFALLS: OUTFALLS 1, 2, 3 & 4

#1 DESCRIPTION:

OUTFALL 1
 LOCATION: LATITUDE 28° 45' 23" N, LONGITUDE, 81° 21' 48" W
 RECEIVING WATER NAME: INTERCONNECTED POND SYSTEM AT THE LAKE MARY BOULEVARD INTERCHANGE.

#2 DESCRIPTION:

OUTFALL 2
 LOCATION: LATITUDE 28° 47' 11" N, LONGITUDE, 81° 21' 02" W
 RECEIVING WATER NAME: INTERCONNECTED POND SYSTEM AT THE SR 46A INTERCHANGE.

#3 DESCRIPTION:

OUTFALL 3
 LOCATION: LATITUDE 28° 47' 46" N, LONGITUDE, 81° 20' 44" W
 RECEIVING WATER NAME: INTERCONNECTED POND SYSTEM AT THE SR 417 INTERCHANGE.

#4 DESCRIPTION:

OUTFALL 4
 LOCATION: LATITUDE 28° 48' 41" N, LONGITUDE, 81° 20' 17" W
 RECEIVING WATER NAME: INTERCONNECTED POND SYSTEM AT THE SR 46 INTERCHANGE.

1.E. SITE MAP:

THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS. THE LOCATION OF THE REQUIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR THE PLAN SHEETS REFERENCED ARE IDENTIFIED ON THE KEY SHEET OF

THESE CONSTRUCTION PLANS.

* DRAINAGE PATTERNS: N/A.

*APPROXIMATE SLOPES: N/A.

*AREAS OF SOIL DISTURBANCE: THE AREAS TO BE DISTURBED ARE INDICATED ON THE PLAN-PROFILE SHEETS AND THE CROSS SECTION SHEETS, ANY AREAS WHERE PERMANENT FEATURES ARE SHOWN TO BE CONSTRUCTED ABOVE OR BELOW GROUND WILL BE DISTURBED.

*LOCATIONS OF TEMPORARY CONTROLS: THESE ARE SHOWN ON THE ROADWAY PLAN SHEETS.

* LOCATIONS OF PERMANENT CONTROLS: THE STORM DRAIN SYSTEM AND DITCHES ARE THE PRIMARY PERMANENT STORMWATER MANAGEMENT CONTROLS. THESE ARE SHOWN ON PLAN VIEW AND DRAINAGE STRUCTURE SHEETS.

* AREAS TO BE STABILIZED: TEMPORARY STABILIZATION PRACTICES ARE SHOWN IN THE SAME LOCATION AS THE TEMPORARY CONTROLS MENTIONED ABOVE. PERMANENT STABILIZATION IS SHOWN ON THE TYPICAL SECTION SHEETS AND THE ROADWAY PLAN SHEETS.

* SURFACE WATERS: N/A.

1.F. RECEIVING WATERS:

SEE ITEM 1.D. FOR THE OUTFALL LOCATIONS AND RECEIVING WATER NAMES.

2.0 CONTROLS:

2.A. EROSION AND SEDIMENT CONTROLS:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTOR'S PROPOSED TEMPORARY TRAFFIC CONTROL (TTC) PLAN. THE FOLLOWING RECOMMENDED GUIDELINES ARE BASED ON THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THE CONSTRUCTION PLANS. WHERE FOLLOWING THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THESE CONSTRUCTION PLANS, THE CONTRACTOR MAY CHOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE SEDIMENT AND EROSION CONTROL PLAN, SUBJECT TO APPROVAL BY THE ENGINEER. AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES, AND THE NEED FOR BETTER PRACTICES.

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.

2.A.1 STABILIZATION PRACTICES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. THE STABILIZATION PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TEMPORARY:

* TURF AND SOD IN ACCORDANCE WITH SPECIFICATION SECTION 104.

PERMANENT:

* ASPHALT OR CONCRETE SURFACE.

* SOD IN ACCORDANCE WITH SPECIFICATION SECTION 570.

2.A.2 STRUCTURAL PRACTICES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

TEMPORARY:

* SEDIMENT BARRIERS IN ACCORDANCE WITH SPECIFICATION SECTION 104.

* INLET PROTECTION IN ACCORDANCE WITH THE LOCATIONS SHOWN IN THE ROADWAY PLAN SHEETS.

PERMANENT:

* SOD.

2.B STORMWATER MANAGEMENT:

* N/A

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2.C OTHER CONTROLS:

2.C.1 WASTE DISPOSAL:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATERS OF THE UNITED STATES. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

- * PROVIDING LITTER CONTROL AND COLLECTION WITHIN THE PROJECT DURING CONSTRUCTION ACTIVITIES.
- * DISPOSING OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
- * DISPOSING OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE BUT NOT IN SURFACE WATERS, OR WETLANDS.

2.C.2 OFF-SITE VEHICLE TRACKING & DUST CONTROL:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

- * COVERING LOADED HAUL TRUCKS WITH TARPULINS.
- * REMOVING EXCESS DIRT FROM ROADS DAILY.
- * STABILIZING CONSTRUCTION ENTRANCES.
- * USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND MILLING OPERATIONS.

2.C.3 STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC TANK REGULATIONS:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED PROCEDURES TO COMPLY WITH APPLICABLE STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, AND SANITARY SEWER OR SEPTIC SYSTEMS.

2.C.4 FERTILIZERS AND PESTICIDES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES. THE PROPOSED PROCEDURES SHALL COMPLY WITH APPLICABLE SUBSECTIONS OF SECTION 570 OF THE SPECIFICATIONS.

2.C.5 TOXIC SUBSTANCES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A LIST OF TOXIC SUBSTANCES THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE, AND DISPOSAL OF THESE SUBSTANCES.

2.D.4 APPROVED STATE AND LOCAL PLANS AND PERMITS:

- * ST. JOHN'S RIVER WATER MANAGEMENT DISTRICT

3.0 MAINTENANCE:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN SHALL AT A MINIMUM, COMPLY WITH THE FOLLOWING:

- * SILT FENCE: MAINTAIN PER SECTION 104. THE CONTRACTOR SHOULD ANTICIPATE REPLACING SILT FENCE ON 12 MONTH INTERVALS.

* SEDIMENT BARRIERS: REMOVE SEDIMENT AS PER MANUFACTURER'S RECOMMENDATIONS OR WHEN WATER PONDS IN UNACCEPTABLE AMOUNTS OR AREAS.

4.0 INSPECTIONS:

QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. TO COMPLY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO INSPECT THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN.

- * POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.
- * POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM DRAIN SYSTEMS.
- * DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
- * AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
- * STRUCTURAL CONTROLS.
- * STORMWATER MANAGEMENT SYSTEMS.
- * LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER.

IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.

5.0 NON-STORMWATER DISCHARGES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES. IF THE CONTRACTOR ENCOUNTERS CONTAMINATED SOIL OR GROUNDWATER, CONTACT THE DISTRICT HAZARDOUS MATERIALS COORDINATOR.

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						SR 400	SEMINOLE		439682-1-52-01

PHASING NOTES

PHASE 1

1. INSTALL PROJECT INFORMATION SIGNS, TEMPORARY TRAFFIC CONTROL SIGNS AND EROSION CONTROL.
2. INSTALL WORK ZONE CHANNELIZING DEVICES PER INDEX 102-600 AND INDEX 102-670.
3. MILL AND RESURFACE THE OUTSIDE TRAVEL LANE, AUXILIARY LANE AND SHOULDER WHERE APPLICABLE, EXCEPT FRICTION COURSE.
4. UTILIZING TCP FROM STANDARD PLAN 102-619 IN CONJUNCTION WITH OUTSIDE LANE CLOSURE, INSTALL RUMBLE STRIPS WHERE APPLICABLE AND RESET GUARDRAIL AT LOCATIONS INDICATED ON PLANS. GUARDRAIL MUST BE IN PLACE PRIOR TO REMOVING THE ADVANCE WARNING VEHICLE AND REOPENING THE OUTSIDE SHOULDER.

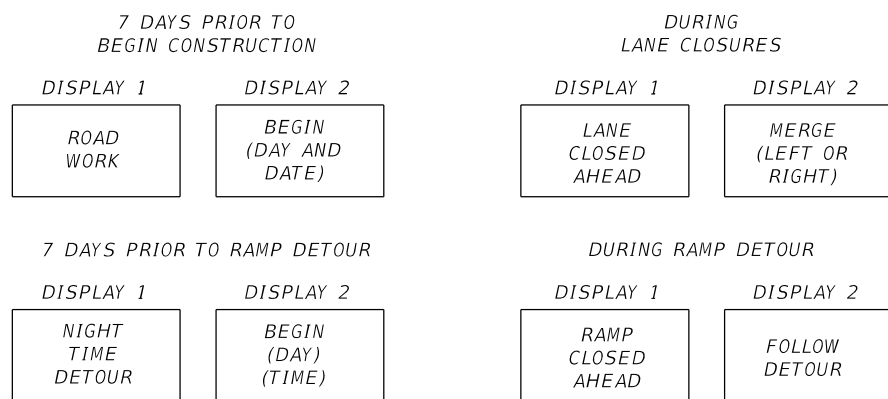
PHASE 2

1. MAINTAIN TEMPORARY TRAFFIC CONTROL SIGNS AND EROSION CONTROL.
2. INSTALL WORK ZONE CHANNELIZING DEVICES PER INDEX 102-600, INDEX 102-623 AND 102-670.
3. MILL AND RESURFACE THE INSIDE AND CENTER TRAVEL LANE, EXCEPT FRICTION COURSE

PHASE 3

1. MAINTAIN TEMPORARY TRAFFIC CONTROL SIGNS AND EROSION CONTROL.
2. CONSTRUCT CR 46A SIDEWALK IMPROVEMENTS PER CROSSWALK CLOSURE AND PEDESTRIAN DETOUR.
3. INSTALL WORK ZONE CHANNELIZING DEVICES PER INDEX 102-600, INDEX 102-623 AND 102-670.
4. MILL AND RESURFACE THE RAMP TRAVEL LANE(S) AND SHOULDERS.
5. PLACE FRICTION COURSE ON TRAVEL LANES AND AUXILIARY LANES.
6. REMOVE TEMPORARY TRAFFIC CONTROL SIGNS AND EROSION CONTROL.

PORTABLE CHANGEABLE MESSAGE SIGN



DETOUR NOTES

1. DETOURS FOR SINGLE LANE RAMPS ARE PERMITTED FROM 10:30 PM TO 5:30 AM.
2. PCMS SHALL BE INSTALLED 14 DAYS PRIOR TO DETOUR.
3. UNIFORMED OFF DUTY TRAFFIC CONTROL OFFICERS SHALL BE PROVIDED FOR DETOUR.
4. ONLY ONE ACTIVE DETOUR IS ALLOWED AT ANYTIME.

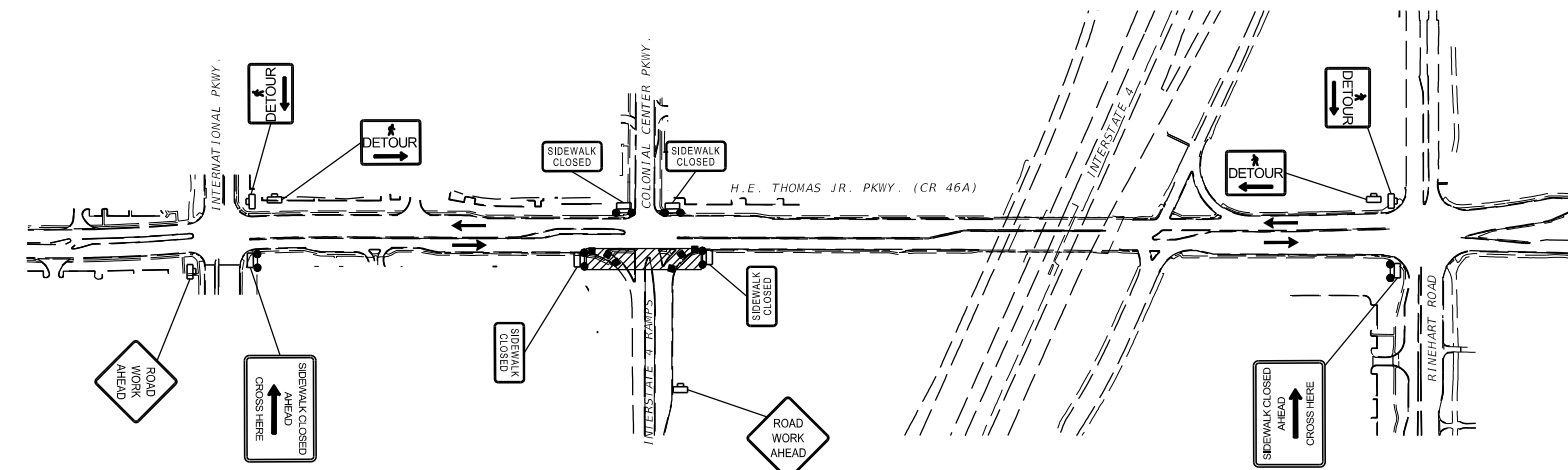
TEMPORARY TRAFFIC CONTROL PLANS GENERAL NOTES:

1. TEMPORARY LANE CLOSURES MAY BE IMPLEMENTED ONLY DURING ACTIVE WORK PERIODS.
2. THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 7 DAYS IN ADVANCE OF ANY LANE CLOSURES OR DETOURS.
3. THE LANE CLOSURE RESTRICTIONS FOR THIS PROJECT ARE AS FOLLOWS:
 - SR 400 (I-4) SINGLE LANE CLOSURE - NO LANE CLOSURES FROM 6:00 AM TO 7:30 PM
 - SR 400 (I-4) DOUBLE LANE CLOSURE - NO LANE CLOSURES FROM 5:30 AM TO 10:30 PM
4. ADJACENT PROJECTS :
 - 439682-2 - I-4 RESURFACING
 - 439682-3 - I-4 ADDING AUXILIARY LANE AND RESURFACING
 - 439682-4 - E.E. WILLIAMSON ROAD BRIDGE REPLACEMENT
 - 439682-5 - I-4 RESURFACING
 - 240200-4 - WEKIVA 8
5. IN THE VICINTIY OF I-4 RAMPS AT SR 46, CONSTRUCTION OF THIS PROJECT WILL REQUIRE CLOSE COORDINATION WITH FPID. 240200-4-52-01 WITHIN THE PROJECT LIMITS. ANY ADJUSTMENTS IN THE TTCP RESULTING FROM THIS COORDINATION WILL BE CONSIDERED INCIDENTAL TO THE UNIT PRICE FOR MAINTENANCE OF TRAFFIC AT NO ADDITIONAL COMPENSATION.
6. PEDESTRIAN TRAFFIC WILL NEED TO BE MAINTAINED ON HE THOMAS JR PKWY (CR 46A). UTILIZE CROSSWALK CLOSURE AND PEDESTRIAN DETOUR TO DETOUR PEDESTRIAN TRAFFIC TO THE NORTH SIDE OF HE THOMAS JR PKWY. (CR 46A) UTILIZING THE SIGNALIZED INTERSECTION AT RINEHART ROAD ON THE EAST END AND INTERNATIONAL PARKWAY INTERSECTION ON THE WEST END DURING THE CURB CUT RAMP CONSTRUCTION AT THE I-4 WB OFF RAMP TO HE THOMAS JR PKWY. (CR 46A).
7. TEMPORARY DETOURS WILL BE REQUIRED FOR THE MILLING AND RESURFACING OF THE EB LAKE MARY BLVD TO WB SR 400 ON-RAMP, WB SR 400 OFF-RAMP TO CR 46A, CR 46A TO WB SR 400 ON-RAMP, EB SR 46 TO WB SR 400 ON-RAMP, WB SR 46 TO WB SR 400 ON-RAMP, WB SR 400 OFF-RAMP TO US 17/92 AND US 17/92 ON-RAMP TO WB SR 400. UTILIZE THE DETOUR PLANS AS PROVIDED. TIME RESTRICTION FOR THE DETOURS ARE THE SAME AS THE RESTRICTION FOR A DOUBLE LANE CLOSURE ON WB I-4.
8. INSTALL PROJECT INFORMATION SIGNS ALONG S.R. 400 (I-4) APPROXIMATELY 500 FEET IN ADVANCE OF THE FIRST ADVANCE WARNING SIGN.

I-4 IMPROVEMENTS
BY FDOT AND CONTRACTOR

COMPLETION: SEASON YEAR

QUESTIONS OR COMMENTS
1-(XXX) XXX-XXXX



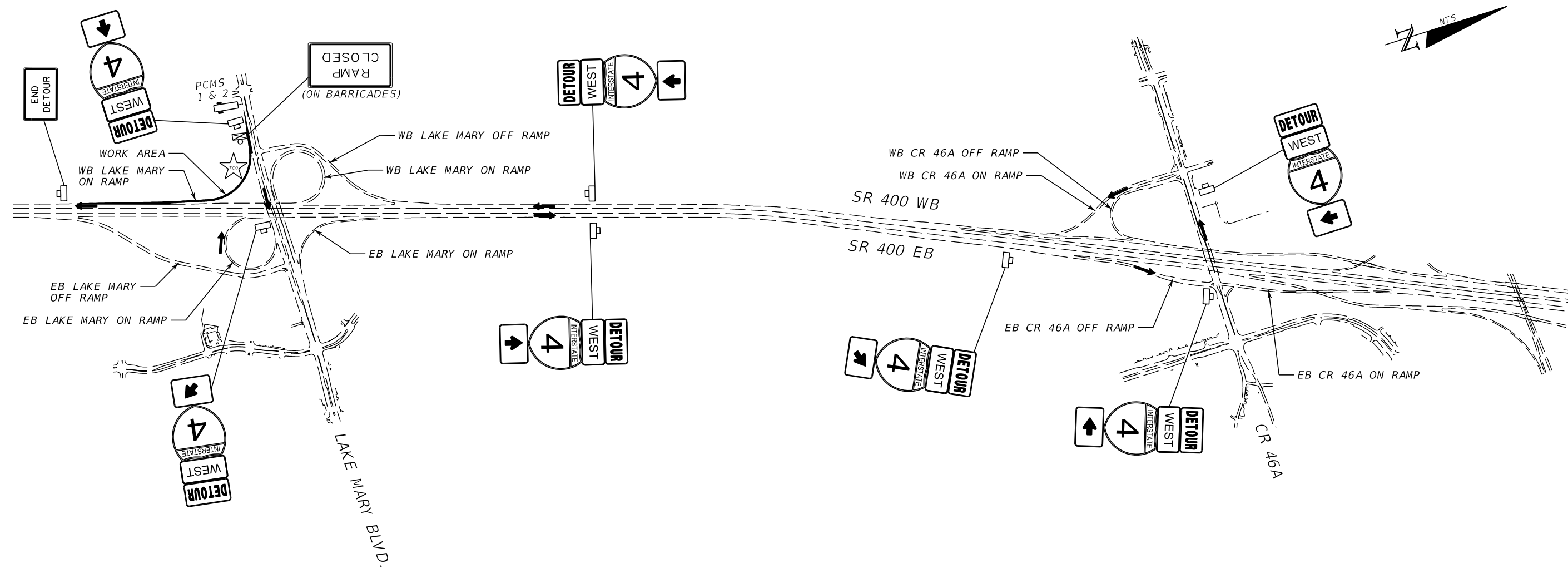
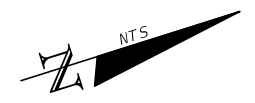
LEGEND

- WORK ZONE SIGN
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE(LCD) WITH MOUNTED WORK ZONE SIGN
- WORK ZONE
- CHANNELIZATION DEVICE

CROSSWALK CLOSURE AND PEDESTRIAN DETOUR

<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td>SR 400</td> <td>SEMINOLE</td> <td>439682-1-52-01</td> </tr> </table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 400	SEMINOLE	439682-1-52-01	SHEET NO. 40
REVISIONS																								
DATE	DESCRIPTION	DATE	DESCRIPTION																					
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																						
SR 400	SEMINOLE	439682-1-52-01																						
TEMPORARY TRAFFIC CONTROL PLAN																								

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



PCMS MESSAGE TABLE
14 DAYS PRIOR TO DETOUR

LOCATION	DISPLAY #1	DISPLAY #2
1	WB I-4 ON RAMP TO CLOSE	MM/DD 10:30PM- 5:30AM

PCMS MESSAGE TABLE
DURING DETOUR

LOCATION	DISPLAY #1	DISPLAY #2
2	WB I-4 ON RAMP CLOSED	FOLLOW DETOUR

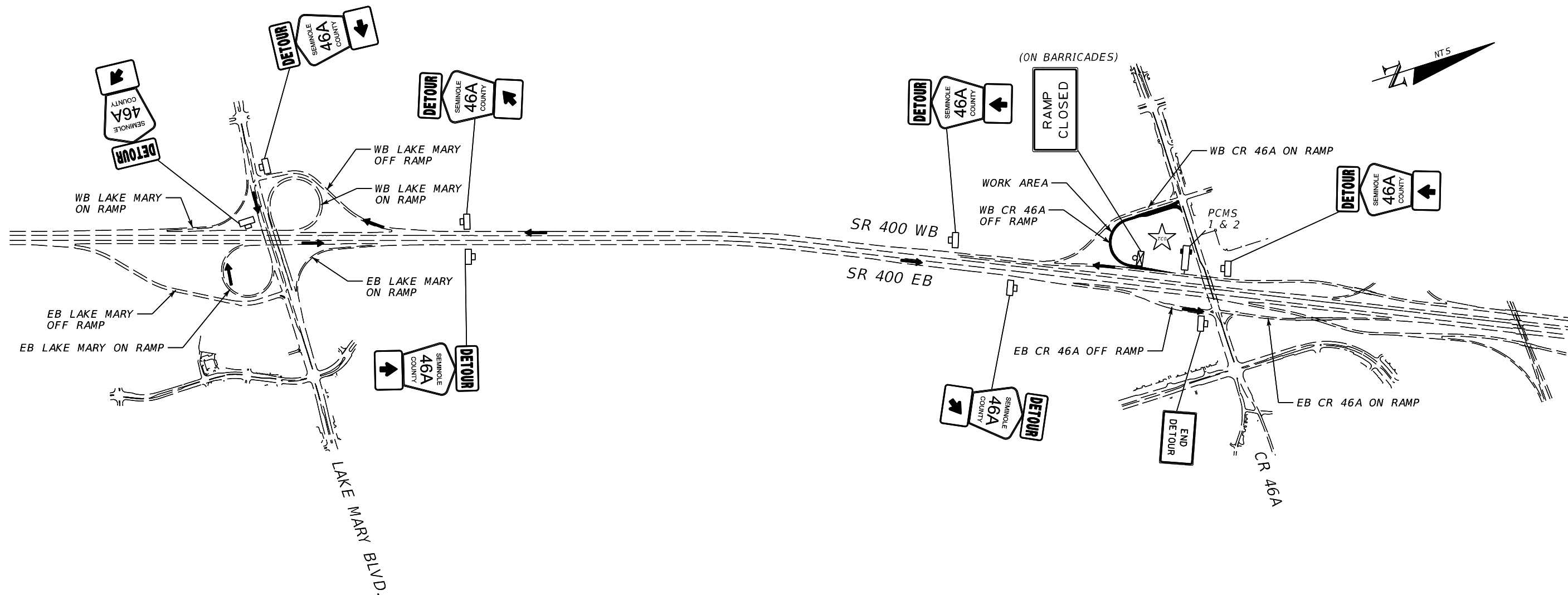
EB LAKE MARY BLVD TO WB SR 400 ON-RAMP DETOUR

- SHEET LEGEND:**
- = WORK ZONE SIGN
 - = TYPE III BARRICADE
 - = DIRECTION OF TRAFFIC
 - = WORK AREA
 - = PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
 - = TRAFFIC CONTROL OFFICER (TCO)

DETOUR PLAN

REVISIONS				MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		41
					SR 400	SEMINOLE	439682-1-52-01		

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PCMS MESSAGE TABLE
14 DAYS PRIOR TO DETOUR







LOCATION	DISPLAY #1	DISPLAY #2
1	CR 46A OFF RAMP TO CLOSE	MM/DD 10:30PM- 5:30AM

PCMS MESSAGE TABLE
DURING DETOUR

LOCATION	DISPLAY #1	DISPLAY #2
2	CR 46A OFF RAMP CLOSED	FOLLOW DETOUR

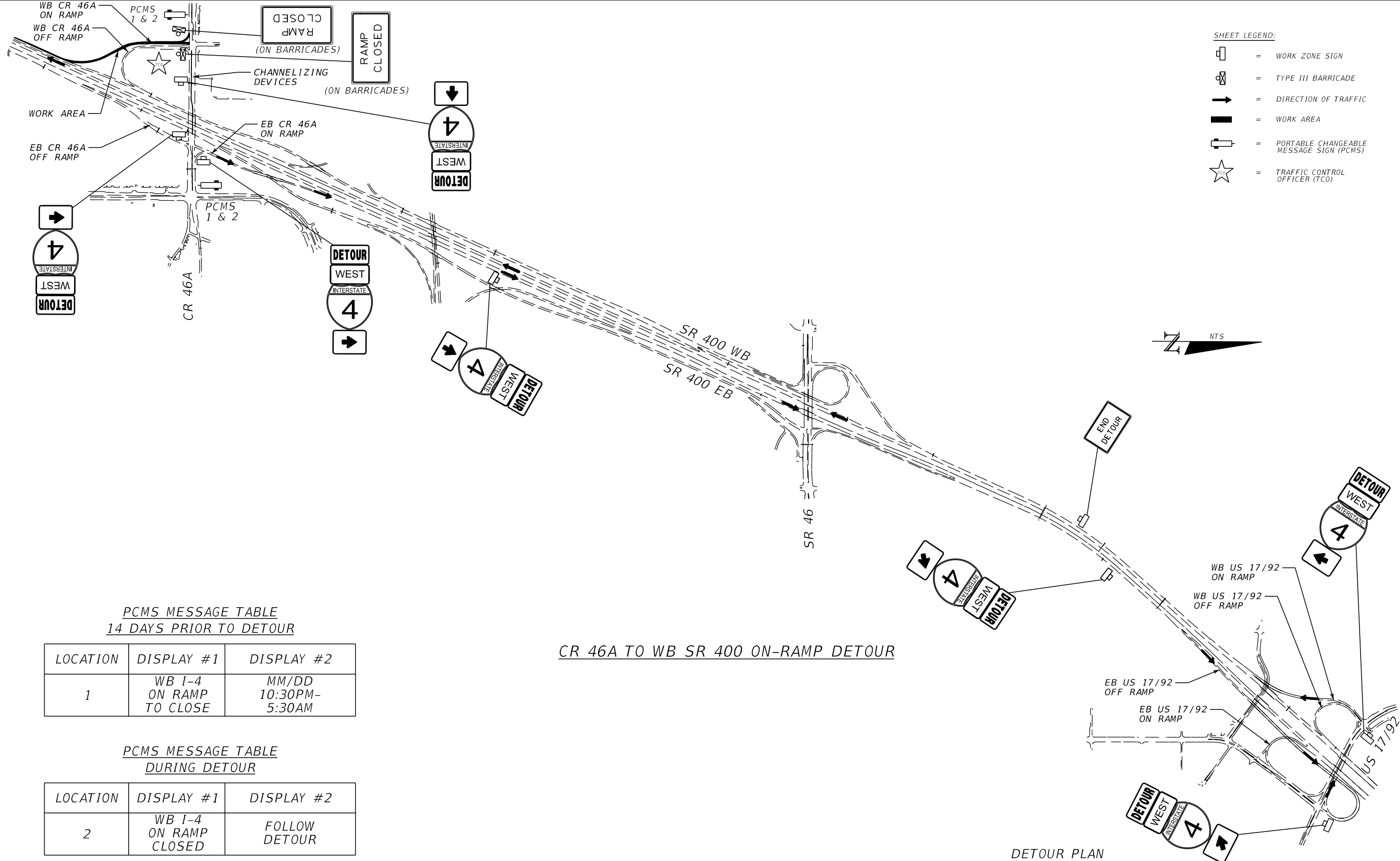
WB SR 400 OFF-RAMP TO CR 46A DETOUR

SHEET LEGEND:

-  = WORK ZONE SIGN
-  = TYPE III BARRICADE
-  = DIRECTION OF TRAFFIC
-  = WORK AREA
-  = PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
-  = TRAFFIC CONTROL OFFICER (TCO)

DETOUR PLAN

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 400	SEMINOLE	439682-1-52-01		42



PCMS MESSAGE TABLE
14 DAYS PRIOR TO DETOUR

LOCATION	DISPLAY #1	DISPLAY #2
1	WB I-4 ON RAMP TO CLOSE	MM/DD 10:30PM- 5:30AM

PCMS MESSAGE TABLE
DURING DETOUR

LOCATION	DISPLAY #1	DISPLAY #2
2	WB I-4 ON RAMP CLOSED	FOLLOW DETOUR

CR 46A TO WB SR 400 ON-RAMP DETOUR

DETOUR PLAN

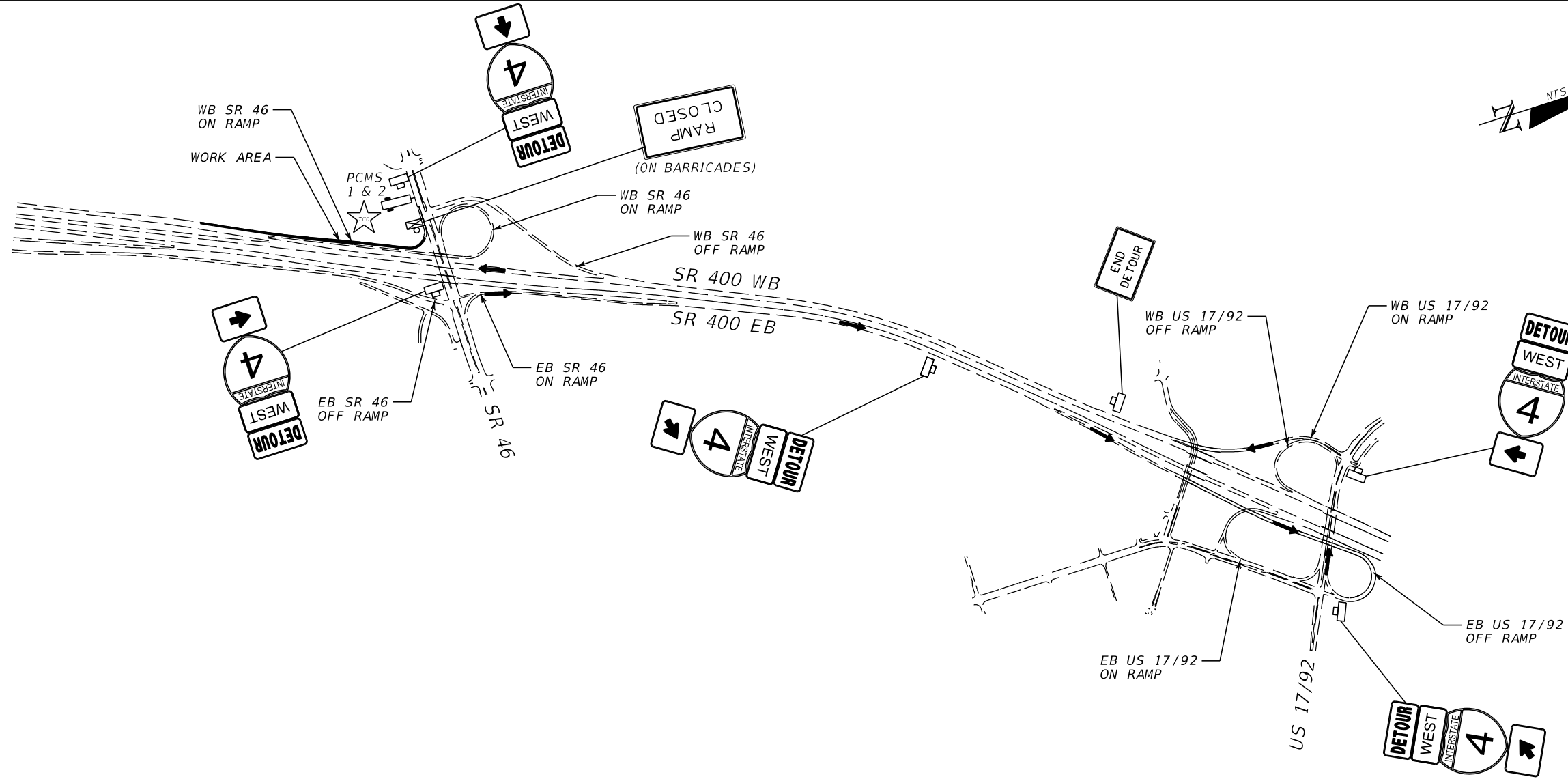
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MICHAEL HERON, P.E. 56182
STV INCORPORATED
111 NORTH ORANGE AVENUE, SUITE 1450
ORLANDO, FL 32801
(321) 418-6604
CERTIFICATE OF AUTHORIZATION NO. 390

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

TEMPORARY TRAFFIC
CONTROL PLAN

SHEET
NO.
43



PCMS MESSAGE TABLE
14 DAYS PRIOR TO DETOUR







LOCATION	DISPLAY #1	DISPLAY #2
1	WB I-4 ON RAMP TO CLOSE	MM/DD 10:30PM- 5:30AM

PCMS MESSAGE TABLE
DURING DETOUR

LOCATION	DISPLAY #1	DISPLAY #2
2	WB I-4 ON RAMP CLOSED	FOLLOW DETOUR

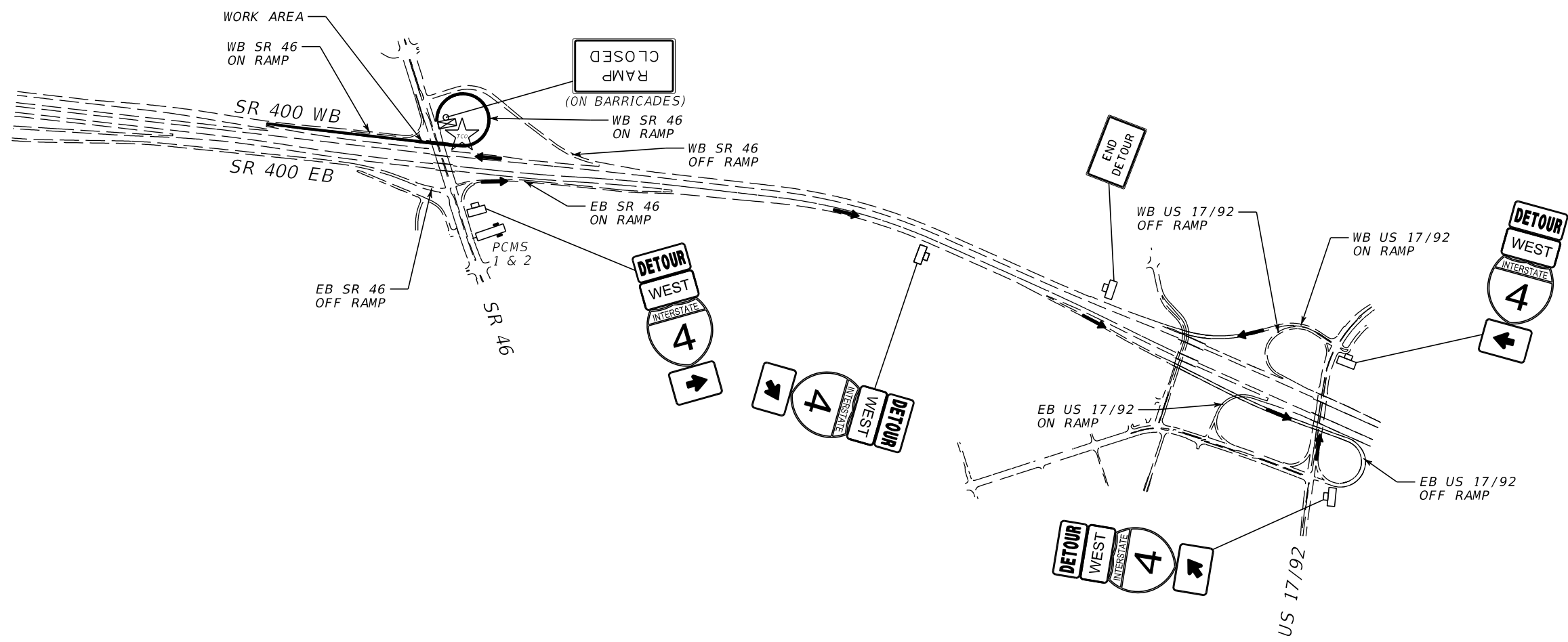
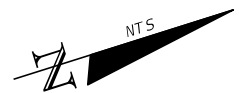
EB SR 46 TO WB SR 400 ON-RAMP DETOUR

SHEET LEGEND:

-  = WORK ZONE SIGN
-  = TYPE III BARRICADE
-  = DIRECTION OF TRAFFIC
-  = WORK AREA
-  = PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
-  = TRAFFIC CONTROL OFFICER (TCO)

DETOUR PLAN

REVISIONS				MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 400	SEMINOLE	439682-1-52-01		44



PCMS MESSAGE TABLE
14 DAYS PRIOR TO DETOUR

LOCATION	DISPLAY #1	DISPLAY #2
1	WB I-4 ON RAMP TO CLOSE	MM/DD 10:30PM- 5:30AM

PCMS MESSAGE TABLE
DURING DETOUR

LOCATION	DISPLAY #1	DISPLAY #2
2	WB I-4 ON RAMP CLOSED	FOLLOW DETOUR

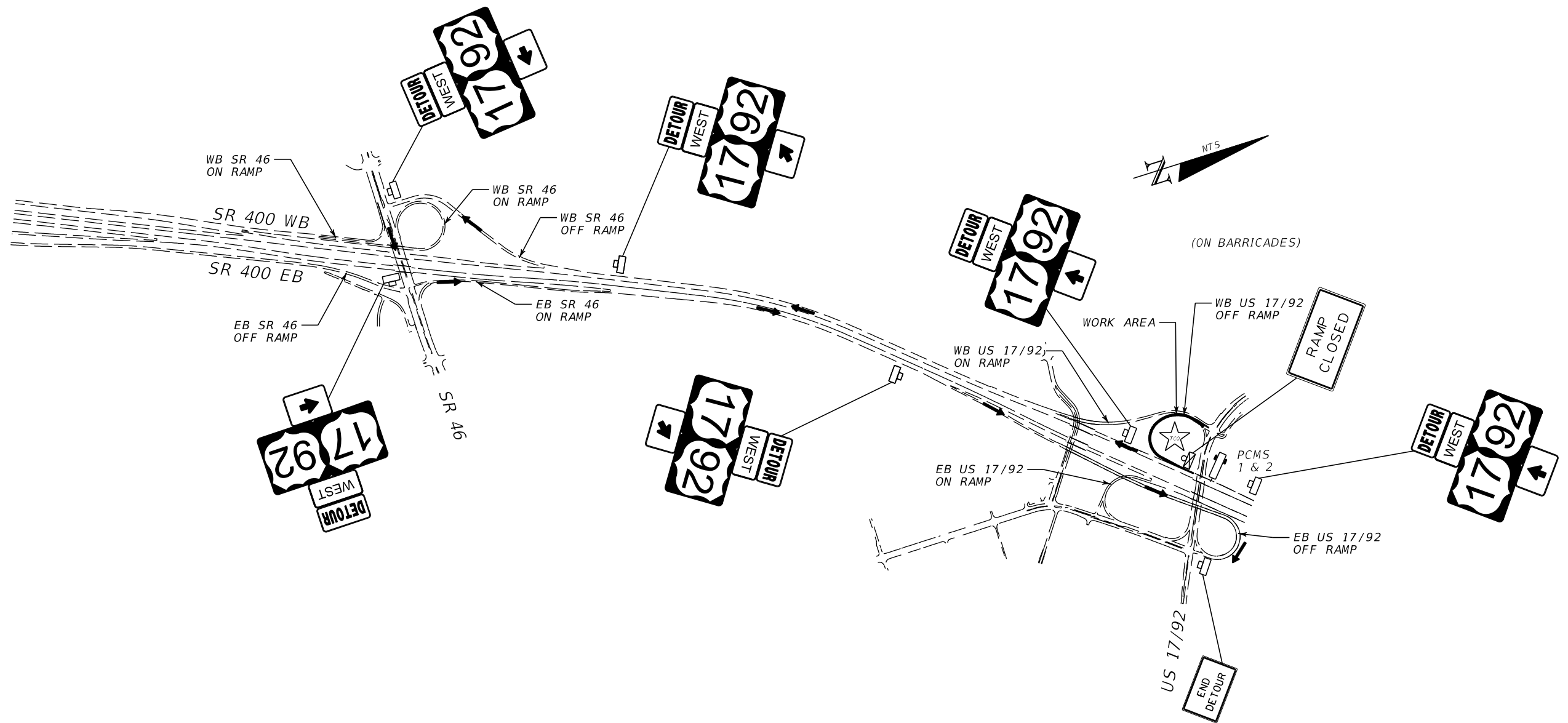
WB SR 46 TO WB SR 400 ON-RAMP DETOUR

- SHEET LEGEND:**
- = WORK ZONE SIGN
 - = TYPE III BARRICADE
 - = DIRECTION OF TRAFFIC
 - = WORK AREA
 - = PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
 - = TRAFFIC CONTROL OFFICER (TCO)

DETOUR PLAN

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 400	SEMINOLE	439682-1-52-01		45

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PCMS MESSAGE TABLE
14 DAYS PRIOR TO DETOUR







LOCATION	DISPLAY #1	DISPLAY #2
1	WB US 17/92 OFF RAMP TO CLOSE	MM/DD 10:30PM- 5:30AM

PCMS MESSAGE TABLE
DURING DETOUR

LOCATION	DISPLAY #1	DISPLAY #2
2	WB US 17/92 OFF RAMP CLOSED	FOLLOW DETOUR

WB SR 400 OFF-RAMP TO US 17/92 DETOUR

SHEET LEGEND:

-  = WORK ZONE SIGN
-  = TYPE III BARRICADE
-  = DIRECTION OF TRAFFIC
-  = WORK AREA
-  = PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
-  = TRAFFIC CONTROL OFFICER (TCO)

DETOUR PLAN

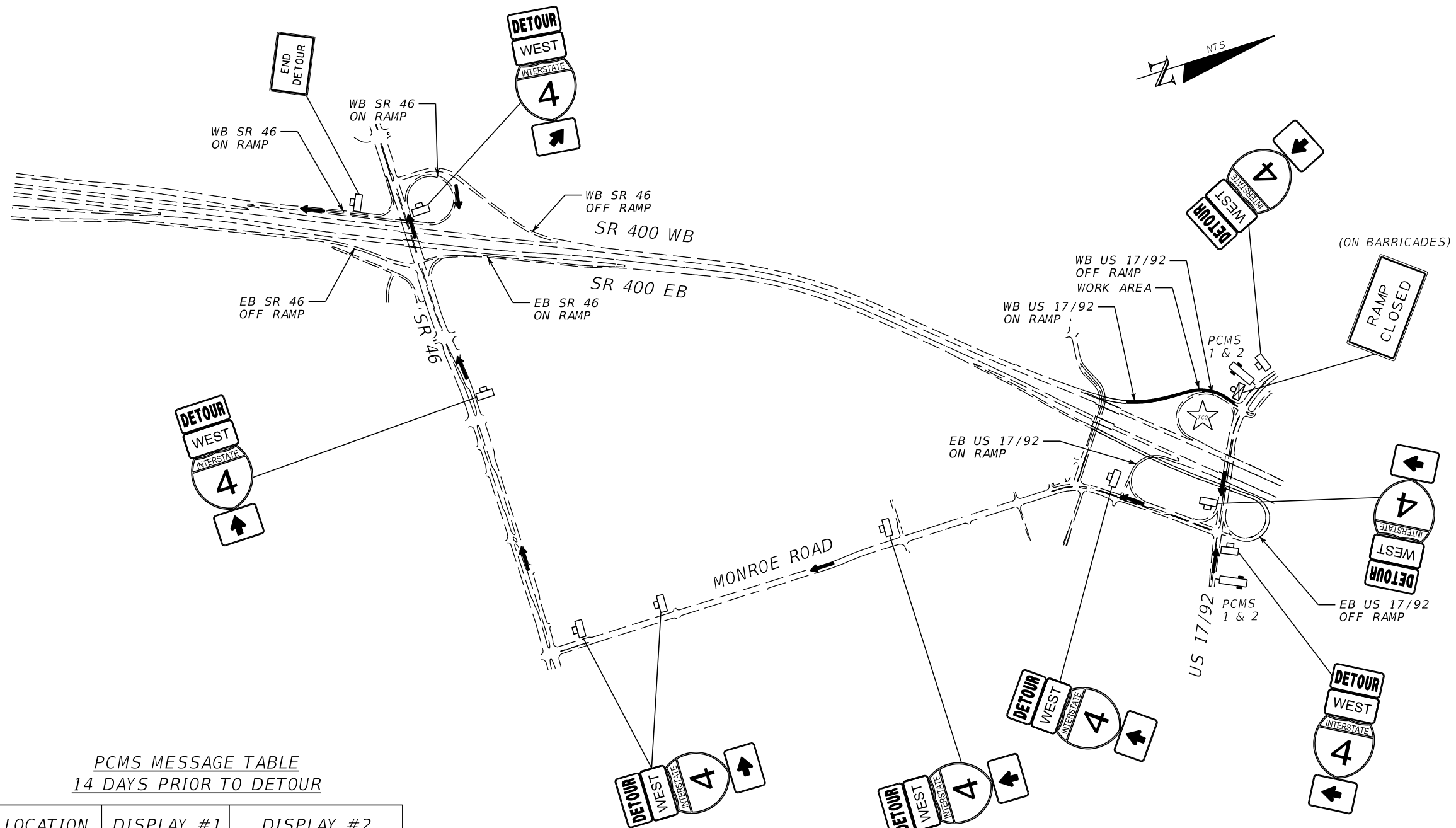
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STV INCORPORATED
111 NORTH ORANGE AVENUE, SUITE 1450
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(321) 418-6604
CERTIFICATE OF AUTHORIZATION NO. 390

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

**TEMPORARY TRAFFIC
CONTROL PLAN**

SHEET NO.
46



PCMS MESSAGE TABLE
14 DAYS PRIOR TO DETOUR

LOCATION	DISPLAY #1	DISPLAY #2
1	WB SR 400 ON RAMP TO CLOSE	MM/DD 10:30PM-5:30AM

PCMS MESSAGE TABLE
DURING DETOUR

LOCATION	DISPLAY #1	DISPLAY #2
2	WB SR 400 ON RAMP CLOSED	FOLLOW DETOUR

US 17/92 ON-RAMP TO WB SR 400 DETOUR

SHEET LEGEND:

- = WORK ZONE SIGN
- = TYPE III BARRICADE
- = DIRECTION OF TRAFFIC
- = WORK AREA
- = PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
- = TRAFFIC CONTROL OFFICER (TCO)

DETOUR PLAN

REVISIONS			
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

**TEMPORARY TRAFFIC
CONTROL PLAN**

SHEET NO.
47

SUMMARY OF LUMP SUM ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0101 1	MOBILIZATION	1			

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE I			PHASE II			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	P	F		
			DAYS	P	P	DAYS	P	P	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS							1			
102 14	TRAFFIC CONTROL OFFICER	HR										
0102 60	WORK ZONE SIGN	ED	50	40	2000	45	40	1800	3800			
102 74 1	CHANNELIZING DEVICE TYPES I, II, D1, VP DRUM, OR LCD	ED	50	284	14200	45	307	13815	28015			
102 74 2	CHANNELIZING DEVICE TYPE III, 6'	ED	50			45						
0102 76	ARROW BOARD/ADVANCED WARNING ARROW PANEL	ED	50	1	50	45	2	90	140			
0102 78	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA		1936	1936		1936	1936	3872			
102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	57	1	57	45	1	45	102	INCLUDES 7 DAYS PRIOR		
0102 150 1	Portable Regulatory Sign	ED	50	2	100	45	2	90	190			
0102 150 2	Radar Speed Display Unit	ED	50	2	100	45	2	90	190			
0710 11101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM		5.920	5.920				5.920			
0710 11102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM										
0710 11103	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE MARKINGS, 12"	GM		2.139	2.139				2.139			
0710 11123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF										
0710 11124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF										
0710 11125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF										
0710 11131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM		5.661	5.661		5.661	5.661	11.322			
0710 11133	PAINTED PAVEMENT MARKING, STANDARD, WHITE, 3'-9' SKIP DROP LINE AND APPROACH TO TOLL PLAZA, 12" WIDE,	GM		2.912	2.912				2.912			
0710 11141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM										
0710 11160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA		7	7				7			
0710 11170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA		10	10				10			
0710 11180	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, YIELD LINE	LF										
0710 11201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM					5.920	5.920	5.920			
0710 11224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF										

REVISIONS				MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO. SQ-1
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 400	SEMINOLE	439682-1-52-01		

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SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE III			TOTAL		GRAND TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	P	F	P	F		
			DAYS	P	P						
0102 1	MAINTENANCE OF TRAFFIC	LS						1		150 CONSTRUCTION DAYS	
102 14	TRAFFIC CONTROL OFFICER	HR		226	226	226		226			
0102 60	WORK ZONE SIGN	ED	55	88	4840	4840		8640			
102 74 1	CHANNELIZING DEVICE TYPES I, II, D1, VP DRUM, OR LCD	ED	55	307	16885	16885		44900			
102 74 2	CHANNELIZING DEVICE TYPE III, 6'	ED	55	2	110	110		110			
0102 76	ARROW BOARD/ADVANCED WARNING ARROW PANEL	ED	55	2	110	110		250			
0102 78	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA						3872			
102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	69	3	207	207		309		INCLUDES 14 DAYS PRIOR	
0102 150 1	Portable Regulatory Sign	ED	55	2	110	110		300			
0102 150 2	Radar Speed Display Unit	ED	55	2	110	110		300			
0710 11101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM		3.481	3.481	3.481		9.401			
0710 11102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM		0.185	0.185	0.185		0.185			
0710 11103	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE MARKINGS, 12"	GM						2.139			
0710 11123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF		245	245	245		245			
0710 11124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF		645	645	645		645			
0710 11125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF		351	351	351		351			
0710 11131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM		1.238	1.238	1.238		12.560			
0710 11133	PAINTED PAVEMENT MARKING, STANDARD, WHITE, 3'-9' SKIP DROP LINE AND APPROACH TO TOLL PLAZA, 12" WIDE,	GM						2.912			
0710 11141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM		0.036	0.036	0.036		0.036			
0710 11160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA		8	8	8		15			
0710 11170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA		57	57	57		67			
0710 11180	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, YIELD LINE	LF		45	45	45		45			
0710 11201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM		3.104	3.104	3.104		9.024			
0710 11224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF		8	8	8		8			

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REVISIONS																								
DATE	DESCRIPTION	DATE	DESCRIPTION																					
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																						
SR 400	SEMINOLE	439682-1-52-01																						

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

SUMMARY OF PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES						
CONST. PHASE	LOCATION STA. TO STA.	SIDE	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
			0102 74 7			
			LF			
			P	F		
III	1085+07.09 TO 1085+11.46	LT	5		INTERNATIONAL PARKWAY	
III	1088+91.45 TO 1088+96.24	LT	5		I-4 RAMP WEST SIDE OF THE RAMP	
III	1090+33.37 TO 1090+36.26	LT	5		COLONIAL CENTER PARKWAY WEST SIDE OF THE RAMP	
III	1090+36.83 TO 1090+40.77	LT	5		COLONIAL CENTER PARKWAY EAST SIDE OF THE RAMP	
III	1090+89.23 TO 1090+91.28	LT	5		I-4 RAMP EAST SIDE OF THE RAMP	
III	1098+14.14 TO 1098+19.50	RT	5		RINEHART ROAD	
SUB-TOTAL:			30			
TOTAL:			30			

SUMMARY OF TEMPORARY SIGNALIZATION & DETECTION																
PHASE	DURATION	0102104						0102107 1						DESIGN NOTES	CONSTRUCTION REMARKS	
		TEMPORARY SIGNALS & MAINTENANCE OF INTERSECTION - EACH DAY														
		EXISTING			TEMPORARY			EXISTING			TEMPORARY/NEW					
		DAYS	#	P	F	#	P	F	#	P	F	#	P			F
I, II & III	150	4	600							4	600					
SUB-TOTAL			600						600							
TOTAL			600					600								

SUMMARY OF EARTHWORK					
PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0120 2 2	BORROW EXCAVATION				
	CR 46A AND SR 400 RAMPS (SIDEWALK)	2.30			
	FILL ADJUSTMENT (20%) (2.3 X 0.20)	0.46			
	SUB TOTAL	2.76			
	TRUCK ADJUSTMENT (25%) (2.76 X 0.25)	0.69			
	TOTAL BORROW EXCAVATION	3.5			
0120 71	REGULAR EXCAVATION (3R PROJECTS ONLY)	7.0		LS-QTY FOR REFERENCE ONLY	

REVISIONS				MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 400	SEMINOLE	439682-1-52-01		SQ-3

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SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	SEDIMENT BARRIER		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
		0104 10 3		0104 18			
		LF		EA			
		P	F	P	F		
1028+86.46 TO 1043+50.00	LT	1479.3					
933+92.59 TO 934+22.45	LT/RT			1			
958+47.41 TO 958+76.08	LT/RT			1			
971+57.95 TO 971+84.05	LT			1			
972+51.97 TO 972+72.96	LT			1			
973+68.69 TO 973+87.60	LT			1			
973+72.03 TO 973+91.75	LT			1			
977+19.84 TO 977+32.46	LT			1			
977+51.88 TO 977+62.38	LT			1			
977+85.29 TO 978+24.93	LT/RT			1			
979+36.35 TO 979+55.45	LT			1			
987+78.33 TO 988+14.82	LT/RT			1			
1008+75.87 TO 1009+03.23	LT			1			
1008+77.24 TO 1008+97.51	LT/RT			1			
1019+60.06 TO 1019+84.14	LT			1			
1019+62.51 TO 1019+92.37	LT			1			
1023+77.51 TO 1023+93.37	LT			1			
1026+60.80 TO 1026+90.66	LT			1			
1027+84.47 TO 1028+00.34	LT			1			
1031+93.95 TO 1032+09.81	LT			1			
1036+04.23 TO 1036+26.55	LT			1			
1066+18.43 TO 1066+40.36	LT			1			
1066+20.81 TO 1066+36.79	LT			1			
1072+20.12 TO 1072+36.10	LT			1			
1072+22.05 TO 1072+38.03	LT			1			
1078+18.62 TO 1078+39.43	LT			1			
1080+14.31 TO 1080+35.11	LT			1			
1080+19.81 TO 1080+40.62	LT			1			
1082+57.15 TO 1082+76.75	LT			1			
1082+80.05 TO 1082+99.66	LT			1			
1090+17.12 TO 1090+36.73	LT			1			
1090+17.66 TO 1090+37.45	LT			1			
1187+35.96 TO 1187+56.23	LT			1			
1188+49.36 TO 1188+69.63	LT			1			
1188+50.66 TO 1188+66.64	LT			1			
1191+86.15 TO 1192+06.60	LT			1			
1191+99.83 TO 1192+24.54	LT			1			
1195+57.40 TO 1195+73.37	LT			1			
1198+18.54 TO 1198+29.62	LT			1			
1199+10.07 TO 1199+26.04	LT			1			
1199+60.92 TO 1199+86.28	LT			1			
1201+26.53 TO 1201+51.89	LT			1			
1202+04.00 TO 1202+19.97	LT			1			
1203+30.23 TO 1203+55.59	LT			1			
1204+12.30 TO 1204+37.65	LT			1			
1204+49.39 TO 1204+69.84	LT			1			
SUB-TOTAL		1479.3		45			
TOTAL		1479		79			

<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					<p align="center">MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390</p>	<p align="center">STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>SR 400</td> <td>SEMINOLE</td> <td>439682-1-52-01</td> </tr> </tbody> </table>			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 400	SEMINOLE	439682-1-52-01	<p align="center">SUMMARY OF QUANTITIES</p>	<p align="center">SHEET NO.</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																				
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<p align="center">SQ-4</p>																							

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SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	SEDIMENT BARRIER		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
		0104 10 3		0104 18			
		LF		EA			
		P	F	P	F		
1205+56.91 TO 1205+81.97	LT			1			
1206+50.27 TO 1206+70.72	LT			1			
1207+11.04 TO 1207+35.04	LT			1			
1208+52.65 TO 1208+73.10	LT			1			
1209+89.75 TO 1210+10.20	LT			1			
1210+04.32 TO 1210+26.29	LT			1			
1214+78.52 TO 1215+02.28	LT			1			
1214+81.96 TO 1215+05.27	LT			1			
1215+46.62 TO 1215+69.93	LT			1			
1227+94.63 TO 1228+13.28	LT			1			
1249+73.51 TO 1249+96.66	LT			1			
1249+86.81 TO 1250+09.87	LT/RT			1			
1252+91.87 TO 1253+14.93	LT/RT			1			
1255+95.36 TO 1256+18.43	LT/RT			1			
1255+98.14 TO 1256+21.30	LT			1			
1260+02.45 TO 1260+25.51	LT/RT			1			
1260+36.99 TO 1260+60.05	LT/RT			1			
1260+49.26 TO 1260+72.32	LT			1			
1262+47.99 TO 1262+67.84	LT			1			
1265+47.26 TO 1265+67.11	LT			1			
1270+36.35 TO 1270+56.50	LT			1			
1271+83.78 TO 1272+13.23	LT			1			
1278+99.36 TO 1279+19.18	LT			1			
1279+49.83 TO 1279+69.68	LT			1			
1279+94.42 TO 1280+14.24	LT			1			
1280+17.61 TO 1280+41.05	LT			1			
1281+11.62 TO 1281+25.87	LT			1			
1282+13.70 TO 1282+33.52	LT			1			
1282+70.10 TO 1282+86.03	LT			1			
1282+88.07 TO 1283+02.54	LT			1			
1283+05.24 TO 1283+24.27	LT			1			
1283+92.81 TO 1284+09.23	LT			1			
1284+12.62 TO 1284+27.60	LT			1			
1286+68.25 TO 1286+86.54	LT			1			
SUB-TOTAL				34.0			

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REVISIONS																								
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SUMMARY OF QUANTITIES

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SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS		
					0107 1					0107 2								
	STA. TO STA.				AREA ID	L	W	CYCLES	AREA		AREA ID	L	W	CYCLES			AREA	
									AC/CYCLE	TOTAL (AC)							AC/CYCLE	TOTAL (AC)
					P	F					P	F						
ALL	929+59.61 to 974+56.26	LT/RT	150	30	268430			5	10.558	52.790								
ALL	929+59.61 to 1094+62.84	LT	150	30	268440			5	23.061	115.305								
ALL	964+59.13 to 976+44.63	LT	150	30	268423			5	3.462	17.310								
ALL	975+59.10 to 1089+02.75	LT	150	30	268382			5	18.747	93.735								
ALL	976+03.47 to 992+63.32	LT	150	30	268403			5	6.780	33.900								
ALL	976+40.07 to 981+03.86	LT	150	30	349695			5	1.302	6.510								
ALL	978+75.94 to 983+50.66	LT	150	30	349748			5	0.496	2.480								
ALL	980+98.03 to 983+65.87	LT	150	30	349754			5	0.474	2.370								
ALL	1063+17.75 to 1094+19.18	LT	150	30	268378			5	3.696	18.480								
ALL	1075+35.75 to 1089+57.18	LT	150	30	268376			5	4.374	21.870								
ALL	1082+02.47 to 1088+12.46	LT	150	30	349683			5	3.119	15.595								
ALL	1086+54.73 to 1093+71.78	LT	150	30	349672			5	3.952	19.760								
ALL	1094+36.28 to 1095+79.20	LT	150	30	268357			5	0.278	1.390								
ALL	1094+92.01 to 1095+79.20	LT	150	30	268352			5	0.128	0.640								
ALL	1095+43.87 to 1095+79.20	LT/RT	150	30	268345			5	0.030	0.150								
ALL	1187+21.76 to 1192+25.14	LT	150	30	268304			5	0.593	2.965								
ALL	1187+21.85 to 1192+32.54	LT	150	30	268638			5	0.427	2.135								
ALL	1187+21.90 to 1191+48.21	LT	150	30	268318			5	0.750	3.750								
ALL	1191+90.38 to 1272+21.32	LT	150	30	268225			5	19.513	97.565								
ALL	1192+21.85 to 1202+31.79	LT	150	30	349635			5	4.262	21.310								
ALL	1193+15.69 to 1196+68.60	LT	150	30	349653			5	1.933	9.665								
ALL	1194+62.69 to 1198+27.28	LT	150	30	349644			5	1.878	9.390								
ALL	1195+04.42 to 1272+54.22	LT/RT	150	30	268256			5	13.448	67.240								
ALL	1201+39.44 to 1210+12.71	LT	150	30	349629			5	2.622	13.110								
ALL	1275+43.54 to 1287+72.78	LT/RT	150	30	268215			5	3.632	18.160								
ALL	1275+50.92 to 1279+76.65	LT	150	30	349608			5	0.628	3.140								
ALL	1278+06.65 to 1286+33.05	LT	150	30	349618			5	0.957	4.785								
ALL	929+59.61 to 974+54.32	LT	150	30							266509		5	9.913	49.565			
ALL	929+59.61 to 1094+48.09	LT/RT	150	30							266590		5	13.868	69.340			
ALL	964+59.48 to 976+33.33	LT	150	30							266521		5	3.169	15.845			
ALL	975+63.24 to 1088+92.98	LT	150	30							266544		5	16.536	82.680			
ALL	976+03.47 to 992+62.91	LT	150	30							266537		5	6.375	31.875			
ALL	977+56.89 to 982+25.38	LT	150	30							349929		5	1.152	5.760			
ALL	979+14.65 to 983+59.74	LT	150	30							349922		5	0.678	3.390			
ALL	1075+35.75 to 1089+54.96	LT	150	30							266690		5	4.113	20.565			
ALL	1075+44.52 to 1094+14.84	LT	150	30							266742		5	2.478	12.390			
ALL	1082+02.47 to 1089+08.78	LT	150	30							349900		5	3.525	17.625			
ALL	1087+07.57 to 1093+65.06	LT	150	30							349868		5	3.417	17.085			
ALL	1094+36.28 to 1095+79.20	LT	150	30							266748		5	0.278	1.390			
ALL	1094+93.43 to 1095+79.20	LT	150	30							266758		5	0.111	0.555			
ALL	1095+49.28 to 1095+79.20	LT	150	30							266763		5	0.009	0.045			
ALL	1187+21.77 to 1192+20.61	LT	150	30							266832		5	0.486	2.430			
ALL	1187+21.91 to 1191+44.88	LT	150	30							266846		5	0.669	3.345			
ALL	1190+12.89 to 1192+32.54	LT	150	30							266837		5	0.253	1.265			
ALL	1191+90.38 to 1272+21.32	LT	150	30							266901		5	17.837	89.185			
ALL	1192+22.93 to 1202+19.79	LT	150	30							349798		5	4.035	20.175			
										655.500	SUB-TOTAL:					444.510		
TOTAL:										655.50	655.50	TOTAL:					544.91	

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REVISIONS																							
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SUMMARY OF QUANTITIES

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SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL						MOWING						DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1						0107 2							
					AREA ID	L	W	CYCLES	AREA		AREA ID	L	W	CYCLES	AREA			
									AC/CYCLE	TOTAL (AC)					AC/CYCLE	TOTAL (AC)		
P	F	P	F															
ALL	1193+19.19 TO 1196+15.71	LT	150	30							349846			5	1.793	8.965		
ALL	1194+81.65 TO 1198+23.95	LT	150	30							349834			5	1.876	9.380		
ALL	1195+08.96 TO 1272+38.34	LT/RT	150	30							266817			5	9.034	45.170		
ALL	1201+70.29 TO 1210+12.56	LT	150	30							349816			5	2.235	11.175		
ALL	1275+43.54 TO 1287+72.78	LT/RT	150	30							266769			5	3.632	18.160		
ALL	1275+51.47 TO 1280+00.60	LT	150	30							349781			5	0.598	2.990		
ALL	1277+70.95 TO 1286+33.05	LT	150	30							349788			5	0.911	4.555		
SUB-TOTAL:					SUB-TOTAL:						SUB-TOTAL:							
											100.40							

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	UNITS	SECONDARY UNITS (IF LUMP SUM)	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
								AREA (AC)	P	F	P	F		
0110 1 1	CLEARING & GRUBBING	2520+65.47 TO 2520+94.80	LT	446057			LS	0.011			1		0.070 TOTAL AC, WB CR 46A ON RAMP A1	
		2520+97.64 TO 2521+18.39	LT/RT	446062				0.031					WB CR 46A OFF RAMP A1	
		2600+42.79 TO 2600+63.57	LT/RT	446065				0.018					WB CR 46A OFF RAMP A2	
		2600+67.60 TO 2600+98.64	LT	446068				0.010					WB CR 46A OFF RAMP A2	
0110 4 10	REMOVAL OF EXISTING CONCRETE	2520+72.63 TO 2520+88.47	LT	281892			SY		19.3		132		WB CR 46A ON RAMP A1	
		2520+78.54 TO 2520+93.47	LT	281690					5.4				WB CR 46A ON RAMP A1	
		2520+97.68 TO 2521+04.62	LT	281712					2.2				WB CR 46A ON RAMP A1	
		2520+99.58 TO 2521+15.59	LT/RT	281907					45.6				WB CR 46A ON RAMP A1	
		2521+02.92 TO 2521+11.94	RT	281729					2.3				WB CR 46A ON RAMP A1	
		2521+15.44 TO 2521+17.96	LT/RT	281721					2.3				WB CR 46A ON RAMP A1	
		2600+42.81 TO 2600+45.17	LT	281746					2.3				WB CR 46A OFF RAMP A2	
		2600+45.09 TO 2600+62.43	LT/RT	281946					30.9				WB CR 46A OFF RAMP A2	
		2600+48.71 TO 2600+58.15	RT	281736					2.4				WB CR 46A OFF RAMP A2	
		2600+54.93 TO 2600+63.62	LT	281754					2.4				WB CR 46A OFF RAMP A2	
		2600+69.45 TO 2600+87.64	LT	281765					5.2				WB CR 46A OFF RAMP A2	
		2600+73.03 TO 2600+88.31	LT	281934					12.0				WB CR 46A OFF RAMP A2	

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REVISIONS																													
DATE	DESCRIPTION	DATE	DESCRIPTION																										
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SUMMARY OF QUANTITIES

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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 4	Milling Exist Asph Pavt, 3" Avg Depth	2007+92.39 to 2025+40.26		LT/RT	40497			SY	3222.9		40176		WB LAKE MARY ON RAMP A	
		2109+81.14 to 2126+28.41		LT/RT	38233				5777.1				WB LAKE MARY ON RAMP D2	
		2299+93.48 to 2300+00.89		LT/RT	48741				46.3				WB LAKE MARY OFF RAMP D1	
		2299+98.82 to 2318+43.73		LT/RT	40225				6672.9				WB LAKE MARY OFF RAMP D1	
		2504+08.81 to 2521+20.01		LT/RT	41262				5702.7				WB CR 46A ON RAMP A1	
		2600+42.68 to 2614+65.77		LT/RT	39441				5248.9				WB CR 46A OFF RAMP A2	
		2807+19.58 to 2821+32.90		LT/RT	38536				3524.9				WB SR 46 ON RAMP D2	
		2900+00.00 to 2919+20.43		LT/RT	40713				6618.4				WB SR 46 OFF RAMP D1	
		3009+67.01 to 3021+96.69		LT/RT	40982				3361.7				WB US 17/92 ON RAMP A1	
0327 70 5	Milling Exist Asph Pavt, 2" Avg Depth	2411+00.89 to 2422+09.54		LT	47469			SY	1217.1		6189		WB CR 46A ON CD	
		2411+01.30 to 2442+65.57		RT	47057				1669.0				WB CR 46A ON CD	
		2423+23.09 to 2432+75.40		LT	47293				984.2				WB CR 46A ON CD	
		2433+50.73 to 2442+65.62		LT	47397				677.4				WB CR 46A ON CD	
		2700+39.05 to 2705+22.25		RT	47623				338.2				WB SR 46 ON RAMP A	
		2700+39.19 to 2705+21.85		LT/RT	47686				364.8				WB SR 46 ON RAMP A	
		2800+14.36 to 2805+15.79		LT	47585				355.0				WB SR 46 ON RAMP D2	
		2803+93.53 to 2805+25.21		RT	47574				38.7				WB SR 46 ON RAMP D2	
		3005+94.38 to 3006+27.37		LT/RT	48078				22.4				WB US 17/92 ON RAMP A1	
		3005+99.06 to 3006+27.22		LT	48071				31.0				WB US 17/92 ON RAMP A1	
		3101+79.49 to 3111+13.44		RT	47777				491.0				WB US 17/92 OFF RAMP A2	
		0327 70 6	Milling Exist Asph Pavt, 1 1/2" Avg Depth	1029+00.00 to 1034+54.46		LT	23063			SY		446.7		3247
1034+54.46 to 1042+00.00				LT	23056				775.2			WB LAKE MARY ON RAMP D2		
2109+25.11 to 2126+30.92				LT/RT	23540				1341.5			WB LAKE MARY ON RAMP D2		
2109+33.27 to 2126+20.64				RT	23818				646.9			WB LAKE MARY ON RAMP D2		
2807+18.61 to 2807+66.21				LT	24276				10.8			WB SR 46 ON RAMP D2		
2807+29.13 to 2808+66.36				RT	24265				25.6			WB SR 46 ON RAMP D2		
0327 70 11	Milling Exist Asph Pavt, 2 1/4" Avg Depth	929+59.61 to 1095+79.20		LT	29386			SY	24059.4		54769			
		1050+30.00 to 1095+79.20		LT	28625				6062.1					
		1050+30.00 to 1095+79.20		LT	29105				6310.4					
		1194+65.67 to 1215+00.00		LT	28388				2640.2					
		1194+70.81 to 1215+00.00		LT	28509				2674.5					
		1194+76.16 to 1272+38.34		LT	28282				11208.9					
		1275+22.49 to 1287+51.43		LT	28272				1813.9					
0327 70 15	Milling Exist Asph Pavt, 2 3/4" Avg Depth	929+59.60 to 981+70.48		LT	31110			SY	12017.4		59458			
		990+85.89 to 1063+18.03		LT	31019				14019.9					
		1194+60.46 to 1272+38.30		LT	30624				12575.9					
		1280+28.80 to 1287+41.22		LT	30588				1422.6				WB CR 46A ON CD	
		2400+00.00 to 2442+65.61		LT/RT	31868				14824.2				WB CR 46A ON CD	
		2700+39.09 to 2705+22.20		LT/RT	45075				981.4				WB SR 46 ON RAMP A	
		2800+14.18 to 2805+23.62		LT/RT	45032				996.9				WB SR 46 ON RAMP D2	
		3100+79.04 to 3111+03.71		LT/RT	44499				2619.9				WB US 17/92 OFF RAMP A2	
0327 70 17	Milling Exist Asph Pavt, 3 1/4" Avg Depth	929+59.61 to 1050+30.00		LT	35860			SY	16181.2		50883			
		929+59.61 to 1050+30.00		LT	36574				16248.7					
		1215+00.00 to 1272+38.31		LT	34212				7583.5					
		1215+00.00 to 1272+38.33		LT	33847				7632.9					
		1275+22.71 to 1287+47.94		LT	33746				1574.3					
		1275+22.93 to 1287+44.54		LT	33694				1662.6					

<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					<p align="center">MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390</p>			<p align="center">STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>SR 400</td> <td>SEMINOLE</td> <td>439682-1-52-01</td> </tr> </tbody> </table>			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 400	SEMINOLE	439682-1-52-01	<p align="center">SUMMARY OF QUANTITIES</p>		<p align="center">SHEET NO. SQ-8</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																							
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																								
SR 400	SEMINOLE	439682-1-52-01																								

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

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 19	Milling Exist Asph Pavt, 3/4" Avg Depth	929+59.60 to 964+79.86		LT	21350			SY	258.2		10164			
		929+59.80 to 965+08.71		LT	20675				260.3					
		964+59.47 to 965+09.45		LT	20394				3.6					
		964+62.37 to 981+62.11		LT	20091				125.1					
		964+79.86 to 981+19.37		LT	20402				120.4					
		981+19.37 to 993+36.85		LT	19828				89.2					
		981+23.22 to 981+70.73		LT	19800				3.7					
		981+24.31 to 992+62.21		LT	19497				84.4					
		992+13.99 to 992+63.32		LT	19471				3.7					
		992+18.37 to 1040+22.25		LT	18176				353.2					
		993+36.85 to 1040+30.89		LT	18910				344.4					
		1040+22.24 to 1063+18.69		LT	17905				168.7					
		1040+30.89 to 1063+21.63		LT	17628				168.1					
		1063+17.74 to 1095+79.20		LT	16748				238.9					
		1063+17.94 to 1075+47.14		LT	16589				90.2					
		1063+18.69 to 1075+78.03		LT	16034				92.9					
		1063+21.63 to 1095+79.20		LT	17196				238.8					
		1075+35.75 to 1075+83.75		LT	16010				3.7					
		1075+37.67 to 1084+89.81		LT	15825				70.0					
		1075+47.10 to 1094+80.03		LT	16288				142.0					
		1084+40.49 to 1084+90.40		LT	15800				3.7					
		1084+41.73 to 1094+80.03		LT	15535				76.4					
		1194+60.45 to 1210+12.54		LT	15258				114.0					
		1194+81.44 to 1240+51.26		LT	14562				335.8					
		1209+61.71 to 1210+12.25		LT	14549				3.7					
		1209+64.47 to 1240+43.22		LT	14170				227.4					
		1240+43.22 to 1254+41.31		LT	13897				102.7					
		1240+51.25 to 1254+56.33		LT	14053				103.4					
		1254+41.31 to 1272+18.49		LT	13627				130.5					
		1254+56.33 to 1272+38.34		LT	13389				130.8					
		1270+29.56 to 1272+19.84		LT	13290				13.9					
		1270+29.67 to 1272+38.29		LT	13338				15.4					
		1275+22.46 to 1281+85.05		LT	12940				48.5					
		1275+23.13 to 1283+85.23		LT	13027				62.1					
		1281+85.05 to 1283+01.30		LT	12916				8.5					
		1283+01.30 to 1284+65.29		LT	12877				12.0					
		1283+35.97 to 1283+85.88		LT	12794				3.7					
		1283+37.27 to 1284+85.19		LT	12762				10.9					
		1284+65.29 to 1286+37.87		LT	12843				12.7					
		1284+85.14 to 1286+70.22		LT	12719				13.6					
		1286+37.87 to 1287+51.43		LT	12813				8.3					
		1286+69.58 to 1287+35.22		LT	12688				4.9					
		2007+42.34 to 2020+84.08		RT	48112				172.5					
		2007+44.54 to 2025+40.39		LT/RT	45423				618.7				WB LAKE MARY ON RAMP A	
		2309+29.94 to 2318+93.85		LT/RT	45911				288.2				WB LAKE MARY ON RAMP A	
		2309+46.81 to 2318+94.51		LT	45793				776.1				WB LAKE MARY OFF RAMP D1	
		2512+26.33 to 2520+74.34		LT/RT	46028				800.2				WB LAKE MARY OFF RAMP D1	
		2900+00.00 to 2919+71.79		RT	46346				734.9				WB CR 46A ON RAMP A1	
		2900+00.38 to 2919+70.26		LT	46146				1857.2				WB SR 46 OFF RAMP D1	
		3009+67.24 to 3018+20.36		LT/RT	46535				526.2				WB SR 46 OFF RAMP D1	
													WB US 17/92 ON RAMP A1	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MICHAEL HERON, P.E. 56182
STV INCORPORATED
111 NORTH ORANGE AVENUE, SUITE 1450
ORLANDO, FL 32801
(321) 418-6604
CERTIFICATE OF AUTHORIZATION NO. 390

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-9

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

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 19	Milling Exist Asph Pavt, 3/4" Avg Depth (CONT'D)	3018+20.79 to 3020+95.77		LT	46687				87.7				WB US 17/92 ON RAMP A1	
0334 1 13	Superpave Asphaltic Conc, Traffic C	2007+92.39 to 2013+89.33		LT/RT	12454			TN	87.4		5832.2		WB LAKE MARY ON RAMP A	
		2013+82.82 to 2025+40.26		LT/RT	12462				178.49				WB LAKE MARY ON RAMP A	
		2109+81.14 to 2126+28.41		LT/RT	11975				476.61				WB LAKE MARY ON RAMP D2	
		2299+93.48 to 2300+00.89		LT/RT	27920				3.82				WB LAKE MARY OFF RAMP D1	
		2299+98.82 to 2312+54.74		LT/RT	12475				404.89				WB LAKE MARY OFF RAMP D1	
		2312+31.30 to 2318+43.73		LT/RT	12482				145.63				WB LAKE MARY OFF RAMP D1	
		2411+00.89 to 2416+83.41		LT	12722				67.42				WB CR 46A ON CD	
		2411+01.20 to 2442+65.61		LT/RT	20057				1296.58				WB CR 46A ON CD	
		2411+01.30 to 2416+83.37		RT	12754				49.67				WB CR 46A ON CD	
		2416+83.36 to 2430+85.54		RT	12748				94.09				WB CR 46A ON CD	
		2416+83.40 to 2422+09.54		LT	12741				66.46				WB CR 46A ON CD	
		2423+23.09 to 2430+85.60		LT	12771				89.08				WB CR 46A ON CD	
		2430+85.53 to 2442+65.57		RT	12780				39.83				WB CR 46A ON CD	
		2430+85.58 to 2432+75.40		LT	12775				19.18				WB CR 46A ON CD	
		2433+50.73 to 2442+65.62		LT	12786				74.51				WB CR 46A ON CD	
		2504+08.81 to 2507+68.62		LT/RT	12487				70.13				WB CR 46A ON RAMP A1	
		2507+47.07 to 2521+20.01		LT/RT	12528				400.46				WB CR 46A ON RAMP A1	
		2600+42.68 to 2613+21.21		LT/RT	12268				401.51				WB CR 46A OFF RAMP A2	
		2613+03.80 to 2614+65.77		LT/RT	11982				31.41				WB CR 46A OFF RAMP A2	
		2700+39.05 to 2705+22.25		LT/RT	25217				185.28				WB SR 46 ON RAMP A	
		2800+14.18 to 2805+25.21		LT/RT	26571				152.97				WB SR 46 ON RAMP D2	
		2807+19.58 to 2821+32.90		LT/RT	12023				290.81				WB SR 46 ON RAMP D2	
		2900+00.00 to 2913+79.08		LT/RT	12498				419.18				WB SR 46 OFF RAMP D1	
		2913+63.80 to 2919+20.43		LT/RT	12504				126.84				WB SR 46 OFF RAMP D1	
		3004+36.29 to 3006+27.33		LT/RT	20908				34.53				WB US 17/92 ON RAMP A1	
		3005+94.38 to 3006+27.37		LT/RT	26703				2.46				WB US 17/92 ON RAMP A1	
		3005+99.06 to 3006+27.22		LT	26696				3.41				WB US 17/92 ON RAMP A1	
		3009+67.01 to 3021+96.69		LT/RT	12509				277.34				WB US 17/92 ON RAMP A1	
		3100+79.04 to 3111+13.44		LT/RT	26612				342.20				WB US 17/92 OFF RAMP A2	
0334 1 54	Superpave Asphaltic Concrete, Traffic D, PG 76-22	929+59.61 to 1069+00.00		LT	16132			TN	1667.22		17233.1			
		929+59.71 to 943+00.00		LT	13731				246.65					
		929+59.79 to 943+00.00		LT	14307				251.72					
		929+59.88 to 943+00.00		LT	17620				197.06					
		943+00.00 to 957+00.00		LT	17626				297.67					
		943+00.00 to 957+00.00		LT	13850				258.70					
		943+00.00 to 957+00.00		LT	14427				260.53					
		957+00.00 to 971+00.00		LT	13911				258.65					
		957+00.00 to 971+00.00		LT	17683				472.69					
		957+00.00 to 971+00.00		LT	14491				261.55					
		971+00.00 to 981+70.48		LT	17731				354.50					
		971+00.00 to 985+00.00		LT	14240				257.39					
		971+00.00 to 985+00.00		LT	14542				267.25					
		985+00.00 to 999+00.00		LT	14648				264.00					

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SUMMARY OF QUANTITIES

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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 54	Superpave Asphaltic Concrete, Traffic D, PG 76-22 (CONT'D)	985+00.00 to 999+00.00		LT	14157			TN	262.52					
		990+48.60 to 999+00.00		LT	17772				281.56					
		999+00.00 to 1013+00.00		LT	17787				237.30					
		999+00.00 to 1013+00.00		LT	14091				257.85					
		999+00.00 to 1013+00.00		LT	14770				251.73					
		1013+00.00 to 1027+00.00		LT	17792				233.52					
		1013+00.00 to 1027+00.00		LT	14827				252.94					
		1013+00.00 to 1027+00.00		LT	14044				264.97					
		1027+00.00 to 1041+00.00		LT	14003				257.76					
		1027+00.00 to 1041+00.00		LT	14881				250.37					
		1027+00.00 to 1041+00.00		LT	17798				267.78					
		1029+00.00 to 1043+50.00		LT	27856				756.26					Overbuild
		1029+00.00 to 1043+50.00		LT	23599				258.04					Shoulder Overbuild
		1041+00.00 to 1050+30.00		LT	14921				164.76					
		1041+00.00 to 1050+30.00		LT	13966				169.63					
		1041+00.00 to 1055+00.00		LT	18238				363.82					
		1050+30.00 to 1095+79.20		LT	16833				520.61					
		1050+30.00 to 1095+79.20		LT	16441				500.13					
		1052+16.16 to 1063+17.93		LT	19775				334.09					
		1055+00.00 to 1063+18.03		LT	18182				160.54					
		1069+00.00 to 1095+79.20		LT	16322				317.68					
		1194+60.46 to 1202+60.11		LT	18300				95.60					
		1194+65.67 to 1215+00.00		LT	17077				217.81					
		1194+70.81 to 1215+00.00		LT	17120				220.65					
		1194+76.17 to 1272+38.34		LT	17215				924.73					
		1199+00.00 to 1213+00.00		LT	18355				190.38					
		1213+00.00 to 1272+38.30		LT	20379				1060.87					
		1215+00.00 to 1227+00.00		LT	15105				217.83					
		1215+00.00 to 1227+00.00		LT	15389				215.32					
		1227+00.00 to 1240+00.00		LT	15192				230.18					
1227+00.00 to 1240+00.00		LT	14951				239.38							
1240+00.00 to 1253+99.86		LT	15014				257.11							
1240+00.00 to 1253+99.93		LT	15247				257.54							
1254+00.00 to 1268+00.00		LT	15290				257.91							
1254+00.00 to 1268+00.00		LT	15060				254.95							
1268+00.00 to 1272+38.31		LT	15318				81.76							
1268+00.00 to 1272+38.33		LT	15086				80.19							
1275+22.49 to 1287+51.43		LT	17067				149.65							
1275+22.71 to 1282+00.00		LT	15142				119.09							
1275+22.93 to 1282+00.00		LT	15358				127.74							
1280+19.45 to 1287+41.22		LT	18263				156.70							
1282+00.00 to 1287+44.54		LT	15339				100.87							
1282+00.00 to 1287+47.94		LT	15172				97.37							
0337 7 25	Asphalt Concrete Friction Course, INC BIT, FC-5, PG 76-22	929+59.60 to 965+09.45		LT	6632			TN	905.31		6790.3			
		964+62.38 to 992+64.52		LT	7176				668.30					
		992+13.89 to 1040+30.89		LT	7753				1171.59					
		1040+22.24 to 1095+79.20		LT	5925				1272.24					
		1194+60.45 to 1272+38.34		LT	4876				1819.79					
		1275+22.46 to 1287+51.43		LT	4609				266.39					
		2411+01.32 to 2442+65.60		LT/RT	3457				490.62					WB CR 46A ON CD
2700+39.09 to 2705+22.21		LT/RT	26720				42.19						WB SR 46 ON RAMP A	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MICHAEL HERON, P.E. 56182
STV INCORPORATED
111 NORTH ORANGE AVENUE, SUITE 1450
ORLANDO, FL 32801
(321) 418-6604
CERTIFICATE OF AUTHORIZATION NO. 390

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

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 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)	2800+14.18 to 2805+23.92		LR/RT	26812				42.86				WB SR 46 ON RAMP D2	
		3100+79.04 to 3111+03.72		LT/RT	26726				111.05				WB US 17/92 OFF RAMP A2	
0337 7 83	Asphalt Concrete Friction Course, Traffic C, FC-12.5, PG 76-22	2007+42.34 to 2013+82.82		RT	11392			TN	5.71		4122.3		WB LAKE MARY ON RAMP A	
		2007+44.54 to 2013+90.06		LT/RT	11384				17.15				WB LAKE MARY ON RAMP A	
		2007+92.39 to 2013+89.33		LT/RT	8983				94.68				WB LAKE MARY ON RAMP A	
		2013+82.48 to 2015+97.27		RT	11399				2.34				WB LAKE MARY ON RAMP A	
		2013+82.56 to 2025+40.96		LT/RT	8991				189.93				WB LAKE MARY ON RAMP A	
		2013+88.75 to 2016+15.10		LT	11436				7.20				WB LAKE MARY ON RAMP A	
		2015+96.02 to 2017+50.00		RT	11404				1.72				WB LAKE MARY ON RAMP A	
		2016+11.65 to 2017+50.00		LT/RT	11431				4.46				WB LAKE MARY ON RAMP A	
		2017+50.00 to 2018+43.36		LT	11426				3.10				WB LAKE MARY ON RAMP A	
		2017+50.00 to 2018+50.06		RT	11409				1.33				WB LAKE MARY ON RAMP A	
		2018+41.86 to 2025+40.39		LT/RT	11422				19.14				WB LAKE MARY ON RAMP A	
		2018+49.57 to 2020+84.08		RT	11414				3.13				WB LAKE MARY ON RAMP A	
		2109+25.11 to 2111+72.30		LT/RT	10746				17.50				WB LAKE MARY ON RAMP D2	
		2109+33.25 to 2111+92.60		RT	10741				7.06				WB LAKE MARY ON RAMP D2	
		2109+81.08 to 2126+28.62		LT/RT	9434				497.58				WB LAKE MARY ON RAMP D2	
		2111+67.04 to 2113+00.00		LT/RT	10731				8.78				WB LAKE MARY ON RAMP D2	
		2111+91.42 to 2113+00.00		RT	10736				2.20				WB LAKE MARY ON RAMP D2	
		2113+00.00 to 2114+15.37		RT	10721				3.18				WB LAKE MARY ON RAMP D2	
		2113+00.00 to 2114+22.27		LT/RT	10726				7.28				WB LAKE MARY ON RAMP D2	
		2114+14.87 to 2122+80.83		RT	10698				24.49				WB LAKE MARY ON RAMP D2	
		2114+20.81 to 2122+74.71		LT/RT	10693				55.98				WB LAKE MARY ON RAMP D2	
		2122+73.48 to 2124+00.00		LT/RT	10686				6.93				WB LAKE MARY ON RAMP D2	
		2122+80.39 to 2124+00.00		RT	10703				4.38				WB LAKE MARY ON RAMP D2	
		2124+00.00 to 2125+07.98		RT	10708				5.84				WB LAKE MARY ON RAMP D2	
		2124+00.00 to 2125+16.33		LT/RT	10679				6.26				WB LAKE MARY ON RAMP D2	
		2125+06.48 to 2126+20.64		RT	10716				6.21				WB LAKE MARY ON RAMP D2	
		2125+14.40 to 2126+30.92		LT/RT	10673				7.95				WB LAKE MARY ON RAMP D2	
		2299+93.48 to 2300+00.89		LT/RT	27926				3.82				WB LAKE MARY OFF RAMP D1	
	2299+99.46 to 2312+54.74		LT/RT	9002				420.45				WB LAKE MARY OFF RAMP D1		
	2309+29.94 to 2310+72.61		LT/RT	11472				3.42				WB LAKE MARY OFF RAMP D1		
	2309+46.81 to 2311+09.90		LT	11442				11.44				WB LAKE MARY OFF RAMP D1		
	2310+69.79 to 2311+91.84		RT	11467				2.94				WB LAKE MARY OFF RAMP D1		
	2311+01.88 to 2311+91.84		LT	11446				5.78				WB LAKE MARY OFF RAMP D1		
	2311+91.84 to 2312+31.30		LT	11451				2.38				WB LAKE MARY OFF RAMP D1		
	2311+91.84 to 2312+57.39		RT	11462				1.52				WB LAKE MARY OFF RAMP D1		
	2312+24.77 to 2318+94.51		LT	11457				44.44				WB LAKE MARY OFF RAMP D1		
	2312+31.30 to 2318+43.75		LT/RT	9009				152.83				WB LAKE MARY OFF RAMP D1		
	2312+54.74 to 2318+93.85		LT/RT	11478				15.90				WB LAKE MARY OFF RAMP D1		
	2504+08.79 to 2507+68.62		LT/RT	8978				74.36				WB CR 46A ON RAMP A1		
	2507+47.07 to 2521+20.01		LT/RT	9075				416.92				WB CR 46A ON RAMP A1		
	2512+26.33 to 2520+74.34		LT/RT	11483				66.01				WB CR 46A ON RAMP A1		
	2600+42.86 to 2613+21.21		LT/RT	9781				417.30				WB CR 46A OFF RAMP A2		
	2613+03.80 to 2614+65.80		LT/RT	9429				33.29				WB CR 46A OFF RAMP A2		
	2807+18.61 to 2807+66.21		LT	10777				0.89				WB SR 46 ON RAMP D2		

<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td>SR 400</td> <td>SEMINOLE</td> <td>439682-1-52-01</td> </tr> </table>			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 400	SEMINOLE	439682-1-52-01	SUMMARY OF QUANTITIES		SHEET NO. SQ-12
REVISIONS																													
DATE	DESCRIPTION	DATE	DESCRIPTION																										
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																											
SR 400	SEMINOLE	439682-1-52-01																											

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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 83	Asphalt Concrete Friction Course, Traffic C, FC-12.5, PG 76-22 (CONT'D)	2807+19.29 to 2821+32.93		LT/RT	9476			TN	308.42				WB SR 46 ON RAMP D2	
		2807+29.13 to 2808+66.36		RT	10772				2.15				WB SR 46 ON RAMP D2	
		2900+00.00 to 2910+34.53		RT	11512				32.27				WB SR 46 OFF RAMP D1	
		2900+00.00 to 2913+79.08		LT/RT	9020				436.10				WB SR 46 OFF RAMP D1	
		2900+00.38 to 2910+89.78		LT	11519				93.83				WB SR 46 OFF RAMP D1	
		2910+29.47 to 2912+52.80		RT	11536				6.53				WB SR 46 OFF RAMP D1	
		2910+76.16 to 2912+52.80		LT	11531				12.54				WB SR 46 OFF RAMP D1	
		2912+52.80 to 2913+63.80		LT	11547				7.12				WB SR 46 OFF RAMP D1	
		2912+52.80 to 2913+81.01		RT	11541				3.94				WB SR 46 OFF RAMP D1	
		2913+59.56 to 2919+70.26		LT	11553				39.73				WB SR 46 OFF RAMP D1	
		2913+63.80 to 2919+20.43		LT/RT	9026				133.45				WB SR 46 OFF RAMP D1	
		2913+79.08 to 2919+71.79		RT	11564				17.89				WB SR 46 OFF RAMP D1	
		3009+67.01 to 3021+96.74		LT/RT	9031				292.51				WB US 17/92 ON RAMP A1	
		3009+67.22 to 3010+90.00		LT/RT	11569				4.48				WB US 17/92 ON RAMP A1	
		3010+76.93 to 3012+00.00		LT/RT	11575				7.27				WB US 17/92 ON RAMP A1	
		3012+00.00 to 3014+96.01		RT	11581				15.28				WB US 17/92 ON RAMP A1	
3014+89.88 to 3018+20.36		RT	11586				16.39				WB US 17/92 ON RAMP A1			
3018+20.79 to 3020+95.77		LT	11595				7.24				WB US 17/92 ON RAMP A1			
546 72 1	GROUND-IN RUMBLE STRIPS, 16"	1029+00.00 to 1043+50.00		LT				GM	0.2765		0.277			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MICHAEL HERON, P.E. 56182
 STV INCORPORATED
 111 NORTH ORANGE AVENUE, SUITE 1450
 ORLANDO, FL 32801
 (321) 418-6604
 CERTIFICATE OF AUTHORIZATION NO. 390

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-13

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

SUMMARY OF MISCELLANEOUS ASPHALT PAVEMENT									
LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	THICK (IN)	UNDER GUARDRAIL		DESIGN NOTES	CONSTRUCTION REMARKS
						0339	1		
						TN			
						P	F		
108+73.14 to 110+74.91	LT	372314			2	9.10			
1026+44.65 to 1026+69.65	LT	368659			2	0.88			
1198+84.93 to 1199+09.93	LT	368664			2	0.88			
1199+93.42 to 1200+18.42	LT	368669			2	0.83			
1253+48.76 to 1253+73.76	LT	368674			2	0.90			
1282+47.16 to 1283+07.10	LT	372301			2	2.06			
SUB-TOTAL:						14.65			
TOTAL:						14.7			

REVISIONS				MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 400	SEMINOLE	439682-1-52-01		

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SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
		STA. TO STA.				GROSS LENGTH	DEDUCTIONS		NET LENGTH		P			F
						TYPE	LENGTH	P	F					
0520 1 7	Concrete Curb & Gutter, Type E	2520+97.63 to 2521+02.77	LT		LF	8.9			8.9		55	WB CR 46A ON RAMP A1		
		2521+02.92 to 2521+11.89	RT			9.0			9.0			WB CR 46A ON RAMP A1		
		2521+17.69 to 2521+17.89	LT			9.0			9.0			WB CR 46A ON RAMP A1		
		2600+42.85 to 2600+42.92	LT			9.1			9.1			WB CR 46A OFF RAMP A2		
		2600+49.38 to 2600+58.14	RT			9.1			9.1			WB CR 46A OFF RAMP A2		
		2600+56.43 to 2600+63.55	LT			9.8			9.8			WB CR 46A OFF RAMP A2		
0520 1 10	Concrete Curb & Gutter, Type F	2520+80.15 to 2520+93.42	LT		LF	24.9			24.9		48	WB CR 46A ON RAMP A1		
		2600+69.49 to 2600+86.45	LT			23.4			23.4			WB CR 46A OFF RAMP A2		

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
					0522 1		0522 2		0527 2			
					SY		SY		SF			
					P	F	P	F	P	F		
2521+04.58 to 2521+17.89	LT/RT	440688			42.4						WB CR 46A ON RAMP A1	
2600+42.85 to 2600+55.74	LT/RT	440703			18.4						WB CR 46A OFF RAMP A2	
2520+69.69 to 2520+91.76	LT	324252					29.0				WB CR 46A ON RAMP A1	
2520+99.47 to 2521+08.78	LT	440721					4.3				WB CR 46A ON RAMP A1	
2521+02.96 to 2521+11.94	RT	440728					4.3				WB CR 46A ON RAMP A1	
2600+48.83 to 2600+57.76	RT	440735					4.4				WB CR 46A OFF RAMP A2	
2600+51.11 to 2600+62.08	LT	440742					6.3				WB CR 46A OFF RAMP A2	
2600+71.02 to 2600+94.37	LT	445530					25.4				WB CR 46A OFF RAMP A2	
2520+81.41 to 2520+85.19	LT	263735							8		WB CR 46A ON RAMP A1	
2521+00.37 to 2521+05.12	LT	263728							10		WB CR 46A ON RAMP A1	
2521+04.51 to 2521+10.39	RT	263714							10		WB CR 46A ON RAMP A1	
2521+13.49 to 2521+15.61	LT	263721							10		WB CR 46A ON RAMP A1	
2600+78.48 to 2600+82.67	LT	263687							8		WB CR 46A OFF RAMP A2	
2600+55.06 to 2600+60.81	LT	263694							12		WB CR 46A OFF RAMP A2	
2600+45.11 to 2600+47.15	LT	263700							10		WB CR 46A OFF RAMP A2	
2600+50.25 to 2600+56.21	RT	263707							11		WB CR 46A OFF RAMP A2	
SUB-TOTAL:						60.8		73.7		80		
TOTAL:						61		74		80		

<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					MICHAEL HERON, P.E. 56182 STV INCORPORATED 111 NORTH ORANGE AVENUE, SUITE 1450 ORLANDO, FL 32801 (321) 418-6604 CERTIFICATE OF AUTHORIZATION NO. 390			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
REVISIONS																							
DATE	DESCRIPTION	DATE	DESCRIPTION																				
ROAD NO.		COUNTY	FINANCIAL PROJECT ID		SR 400	SEMINOLE	439682-1-52-01	SQ-15															
HeronME 12/23/2019 1:15:23 PM I:\Projects\4019207\4019207_0300\50_Deliverables & Submittals\43968215201\roadway\SUMQRD01.dgn																							

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SUMMARY OF GUARDRAIL

LOCATION	SIDE	GUARDRAIL TL-3		APPROACH TRANSITION CONNECTION TO RIGID BARRIER, TL-3		END TREATMENT PARALLEL		GUARDRAIL REMOVAL		GUARDRAIL RESET		DESIGN NOTES	CONSTRUCTION REMARKS
		0536 1 1		0536 8 13		0536 85 24		0536 73		0538 1			
		LF		EA		EA		LF		LF			
		P	F	P	F	P	F	P	F	P	F		
108+83.00 to 110+74.91	LT	193.7		1		1		191.7				LAKE MARY BLVD.	
1026+44.65 to 1026+69.65	LT									25.0		W BEAM 3' - 1.5" POST SPACING	
1198+84.93 to 1199+09.93	LT									25.0		W BEAM 3' - 1.5" POST SPACING	
1199+93.42 to 1200+18.42	LT									25.0		W BEAM 3' - 1.5" POST SPACING	
1253+48.76 to 1253+73.76	LT									25.0		W BEAM 3' - 1.5" POST SPACING	
1282+47.16 to 1283+07.10	LT									62.5		W BEAM 3' - 1.5" POST SPACING	
SUB-TOTAL:		193.7		1		1		191.7		162.5			
TOTAL:		194		1		1		192		163			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MICHAEL HERON, P.E. 56182
 STV INCORPORATED
 111 NORTH ORANGE AVENUE, SUITE 1450
 ORLANDO, FL 32801
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 CERTIFICATE OF AUTHORIZATION NO. 390

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-16

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SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF		PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
					0570 1 1		0570 1 2			
					SY		SY			
P	F	P	F							
2520+65.82 to 2520+85.27	LT	450125			12.2					
2520+87.92 to 2520+92.91	LT	450134			1.3					
2520+98.78 to 2521+05.60	LT/RT	450088			19.2					
2521+04.62 to 2521+15.69	LT	450110			15.0					
2521+10.48 to 2521+15.44	LT/RT	450099			6.2					
2600+45.09 to 2600+49.92	LT/RT	450060			7.4					
2600+45.17 to 2600+55.08	LT	450050			3.8					
2600+55.60 to 2600+62.99	LT	450079			2.3					
2600+55.65 to 2600+58.65	LT/RT	450071			5.3					
2600+69.11 to 2600+73.01	LT	450044			0.8					
2600+74.82 to 2600+98.28	LT	450034			11.4					
964+59.28 to 965+59.47	LT	271683						29.7		
964+60.80 to 966+28.08	LT	271394						49.7		
965+59.36 to 966+72.13	LT	271696						33.4		
966+27.96 to 967+64.51	LT	271412						40.5		
966+71.25 to 968+01.01	LT	271711						38.2		
967+64.35 to 969+03.05	LT	271430						41.2		
967+99.52 to 969+91.66	LT	271725						56.9		
969+03.02 to 970+50.21	LT	271450						44.1		
969+91.25 to 970+86.31	LT	271749						28.8		
970+49.51 to 971+39.61	LT	271465						28.3		
970+85.47 to 972+37.23	LT	271762						50.5		
971+38.48 to 972+88.02	LT	271480						53.5		
972+35.72 to 973+86.57	LT	271779						64.4		
972+85.58 to 973+96.82	LT	271494						55.5		
973+84.32 to 974+59.53	LT	271817						54.9		
973+92.28 to 974+53.63	LT	271573						137.8		
973+94.41 to 974+54.32	LT	271525						79.7		
974+56.95 to 974+76.23	LT	271855						49.8		
975+77.58 to 984+79.31	LT	276395						297.2		
976+03.57 to 985+91.51	LT	276359						334.4		
977+08.71 to 984+01.95	LT	276068						487.5		
977+50.68 to 983+59.74	LT	275813						494.1		
984+77.53 to 986+59.44	LT	276401						72.8		
985+86.19 to 988+11.88	LT	276433						85.3		
986+56.30 to 988+36.18	LT	273187						67.1		
988+10.49 to 990+64.95	LT	273110						83.1		
988+34.76 to 990+71.27	LT	273073						77.3		
990+64.13 to 992+62.91	LT	273050						60.6		
990+70.37 to 992+69.32	LT	273018						60.6		
1063+17.43 to 1064+79.58	LT	273309						48.1		
1064+79.56 to 1066+85.39	LT	273355						61.1		
1066+85.25 to 1068+28.73	LT	276655						42.6		
1074+23.85 to 1081+62.68	LT	276667						288.3		
1075+35.75 to 1084+32.96	LT	276681						374.5		
1076+35.02 to 1077+73.62	LT	273723						41.2		
1077+73.34 to 1079+73.58	LT	273753						59.6		
SUB-TOTAL:					84.9			3972.3		
TOTAL:					85			7234		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MICHAEL HERON, P.E. 56182
STV INCORPORATED
111 NORTH ORANGE AVENUE, SUITE 1450
ORLANDO, FL 32801
(321) 418-6604
CERTIFICATE OF AUTHORIZATION NO. 390

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-17

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

SUMMARY OF PERFORMANCE TURF

LOCATION	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
					0570	1 2		
STA. TO STA.					SY			
					P	F		
1078+62.01 to 1078+75.97	LT	276739			4.1			
1078+75.72 to 1080+46.61	LT	273668			50.8			
1079+73.38 to 1080+64.64	LT	273791			27.1			
1080+46.43 to 1081+83.26	LT	273823			40.6			
1080+64.55 to 1081+70.88	LT	273804			31.6			
1081+60.81 to 1082+18.75	LT	274262			23.7			
1081+70.85 to 1083+08.94	LT	273863			41.0			
1081+77.98 to 1084+90.40	LT	276700			330.8			
1081+83.16 to 1083+78.66	LT	273928			58.0			
1082+02.47 to 1085+65.34	LT	276744			296.6			
1082+17.22 to 1083+10.89	LT	274296			32.0			
1083+09.69 to 1084+44.58	LT	274335			44.0			
1083+78.64 to 1084+52.56	LT	273949			21.9			
1084+43.47 to 1086+65.87	LT	274362			72.5			
1084+52.56 to 1085+61.81	LT	273977			32.4			
1085+61.76 to 1087+17.06	LT	273990			46.1			
1085+65.14 to 1086+46.82	LT	274130			24.2			
1086+46.61 to 1087+63.42	LT	274146			34.7			
1086+64.72 to 1088+95.28	LT	276909			84.7			
1087+17.02 to 1088+08.19	LT	274014			27.0			
1087+63.28 to 1089+10.65	LT	274168			43.8			
1088+08.03 to 1089+11.10	LT	274029			30.5			
1089+10.58 to 1090+96.98	LT	274190			55.3			
1089+11.04 to 1090+19.38	LT	274040			32.1			
1090+19.30 to 1091+85.20	LT	274060			49.3			
1090+96.96 to 1092+86.70	LT	274214			56.3			
1091+85.16 to 1092+96.87	LT	274085			33.1			
1092+86.69 to 1093+11.94	LT	277040			7.4			
1092+96.86 to 1093+85.26	LT	277053			26.1			
1187+21.83 to 1191+01.20	LT	276767			112.4			
1190+12.89 to 1191+16.56	LT	274596			33.1			
1190+13.98 to 1190+30.48	LT	276757			4.9			
1190+30.05 to 1191+44.88	LT	274537			49.6			
1191+01.11 to 1192+02.85	LT	274650			30.2			
1191+14.86 to 1191+71.32	LT	274619			32.8			
1192+02.71 to 1193+35.90	LT	274733			43.4			
1192+23.04 to 1193+55.81	LT	274701			42.8			
1192+91.21 to 1198+52.30	LT	276844			367.2			
1193+34.80 to 1194+83.73	LT	274772			47.7			
1193+54.71 to 1194+99.88	LT	274785			46.6			
1194+82.80 to 1198+87.30	LT	274854			125.5			
1194+98.90 to 1197+47.84	LT	274833			75.0			
1197+47.05 to 1199+39.65	LT	274890			64.9			
1198+85.77 to 1199+69.63	LT	276890			29.0			
1199+38.25 to 1201+54.68	LT	274913			74.3			
1201+53.27 to 1202+80.81	LT	274929			43.7			
1202+79.43 to 1204+49.75	LT	274955			58.4			
1204+48.41 to 1206+88.03	LT	275232			79.3			
1206+87.11 to 1210+12.43	LT	275261			98.9			
1283+62.67 to 1286+31.63	LT	276969			79.8			
1284+09.04 to 1286+17.12	LT	277035			64.0			
SUB-TOTAL:					3261.2			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MICHAEL HERON, P.E. 56182
STV INCORPORATED
111 NORTH ORANGE AVENUE, SUITE 1450
ORLANDO, FL 32801
(321) 418-6604
CERTIFICATE OF AUTHORIZATION NO. 390

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	SEMINOLE	439682-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-18

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