

**CONTRACT PLANS COMPONENTS**

ROADWAY PLANS  
SIGNING AND PAVEMENT MARKING PLANS

**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION**

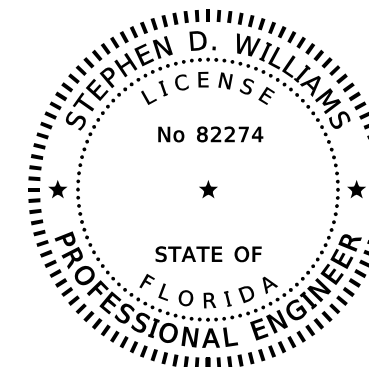
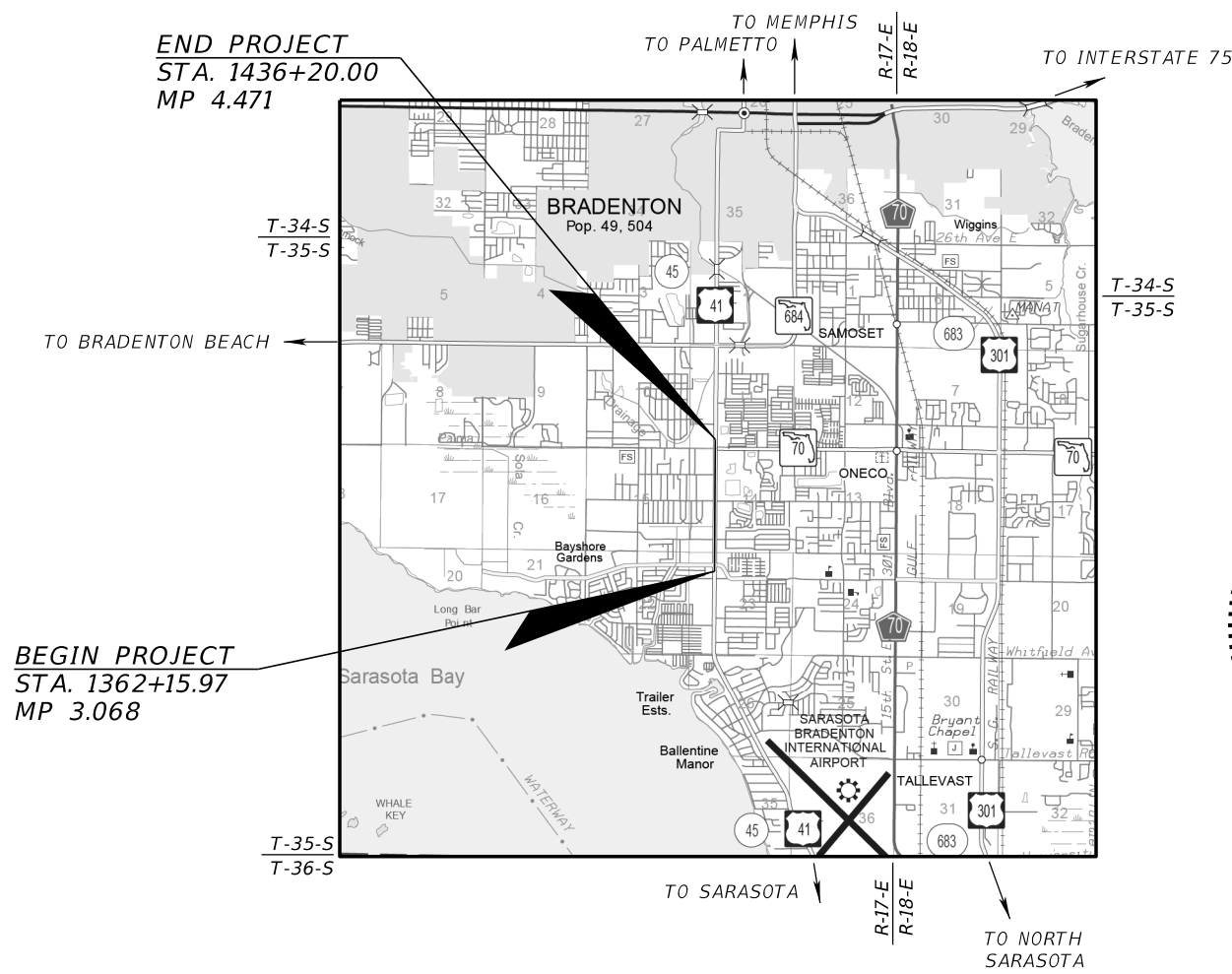
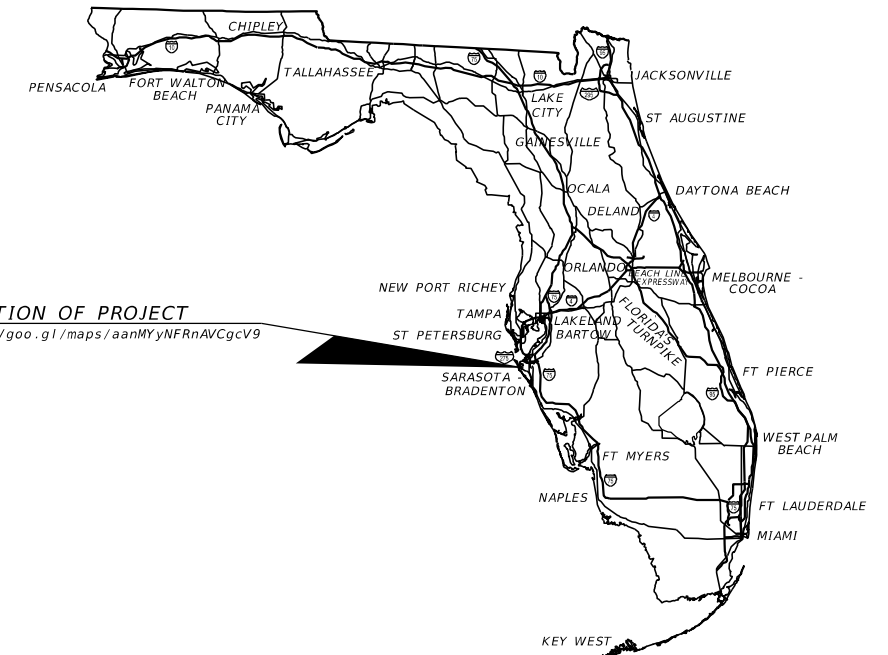
**CONTRACT PLANS**

FINANCIAL PROJECT ID 444049-1-52-01  
(FEDERAL FUNDS)  
MANATEE COUNTY (13010)  
STATE ROAD NO. 45 (US 41)  
FROM 63RD AVE W TO 53RD AVE W

THIS PROJECT TO BE LET TO CONTRACT  
WITH FINANCIAL PROJECT ID:  
433592-1-52-01 & 433592-3-52-01

**INDEX OF ROADWAY PLANS**

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1A	NOTES TO REVIEWER
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17 - 18	TEMPORARY TRAFFIC CONTROL PLANS
SQ-1 - SQ-12	SUMMARY OF QUANTITIES



THIS ITEM HAS BEEN DIGITALLY  
SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL  
PRINTED COPIES OF THIS DOCUMENT ARE  
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AND THE SIGNATURE MUST BE VERIFIED  
ON ANY ELECTRONIC COPIES.

ROADWAY PLANS  
ENGINEER OF RECORD:

STEPHEN D. WILLIAMS, P.E. NO.: 82274  
SCALAR CONSULTING GROUP INC.  
13337 N. 56TH STREET  
TAMPA, FLORIDA 33617  
(813) 988-1199  
CONTRACT NO.: C9N99  
VENDOR NO.: 451909667

FDOT PROJECT MANAGER:  
AMY BLAIR, P.E.

**GOVERNING STANDARD PLANS:**

Florida Department of Transportation, FY2020-2021 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

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

**GOVERNING STANDARD SPECIFICATIONS:**

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

PHASE III PLANS  
NOVEMBER 04, 2020

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T1785	21	1

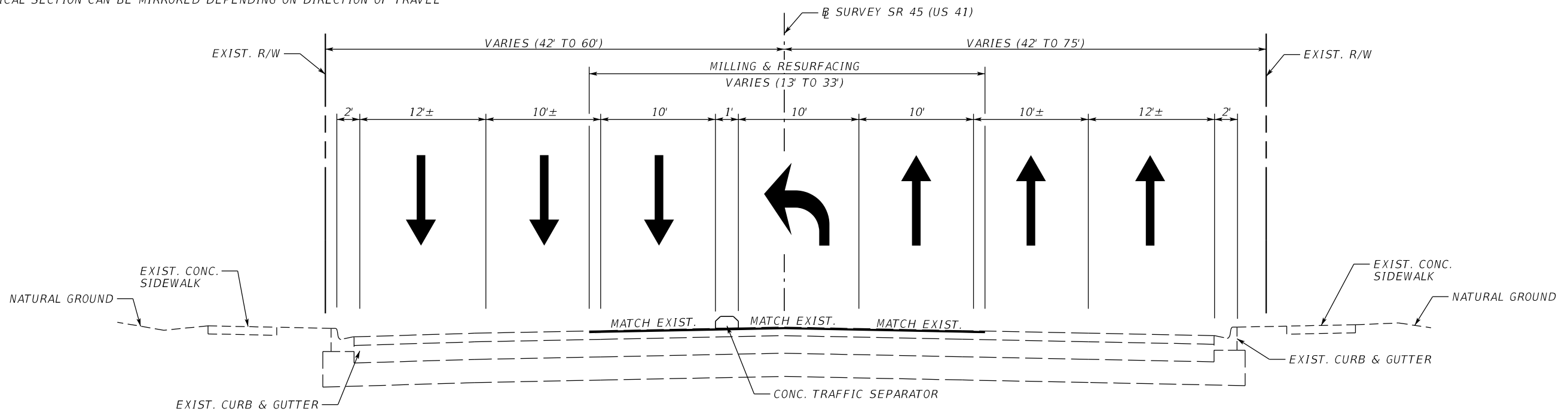
NOTES TO REVIEWER

1. THE PURPOSE OF FPID: 444049-1-52-01 IS TO PROVIDE ACCESS MANAGEMENT IMPROVEMENTS ALONG SR 45 (US 41) FROM 63RD AVENUE WEST TO 53RD AVENUE WEST. THE PRIMARY OBJECTIVE OF THIS EFFORT IS TO ENHANCE TRAFFIC FLOW AND REDUCE CRASHES. ALL PROPOSED ROADWAY WORK IS TO BE CONSTRUCTED WITHIN THE EXISTING BI-DIRECTIONAL MEDIAN AND INSIDE TRAVEL LANES.
2. THE PURPOSE OF FPID: 433592-1-52-01 IS TO PROVIDE SIDEWALK ENHANCEMENTS ALONG SR 45 (US 41) FROM 69TH AVENUE (BAY DRIVE) TO 63RD AVENUE WEST AND FROM 53RD AVENUE WEST TO CORTEZ ROAD. THE PRIMARY OBJECTIVE OF THIS EFFORT IS TO CREATE A CONTINUOUS PEDESTRIAN CORRIDOR ALONG SR 45 (US 41) AND TO EVALUATE POTENTIAL LIGHTING AS WELL AS SIGNAL IMPROVEMENTS FOR PEDESTRIAN SAFETY.

REVISIONS				STEPHEN D. WILLIAMS, P.E. P.E. LICENSE NUMBER 82274 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			NOTES TO REVIEWER	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		1A
						SR 45	MANATEE		444049-1-52-01

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

NOTE: TYPICAL SECTION CAN BE MIRRORED DEPENDING ON DIRECTION OF TRAVEL



**TYPICAL SECTION  
SR 45 (US 41)**

**MILLING & RESURFACING LIMITS**

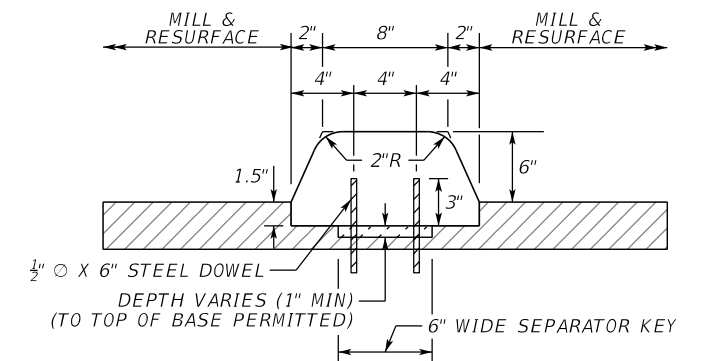
STA. 1362+15.97 TO STA. 1369+15.23  
 STA. 1370+22.15 TO STA. 1382+38.60  
 STA. 1383+14.78 TO STA. 1402+26.83  
 STA. 1403+28.39 TO STA. 1429+06.68  
 STA. 1430+19.57 TO STA. 1436+20.00

**MILLING**

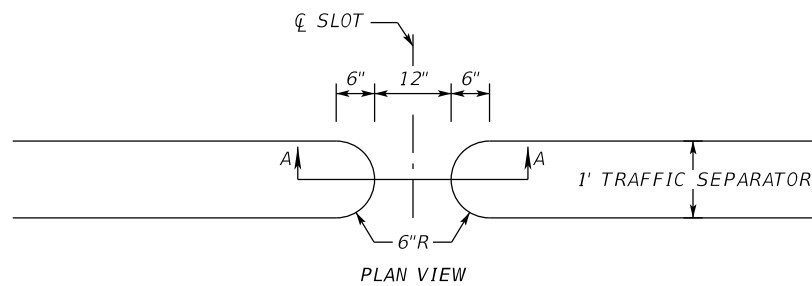
MILL EXISTING ASPHALT  
 PAVEMENT FOR DEPTH (1.50")

**RESURFACING**

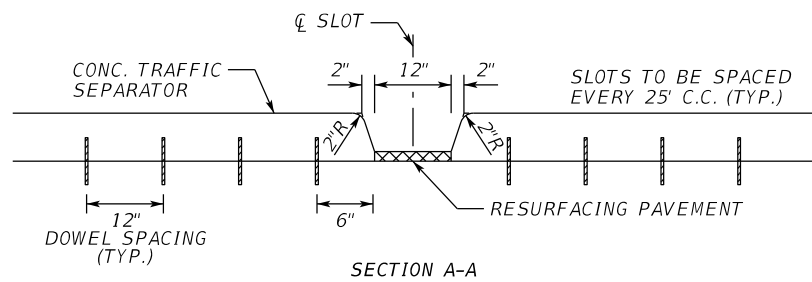
FRICION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.50")



**SECTION VIEW  
SPECIAL TRAFFIC SEPARATOR DETAIL  
N.T.S.**



PLAN VIEW



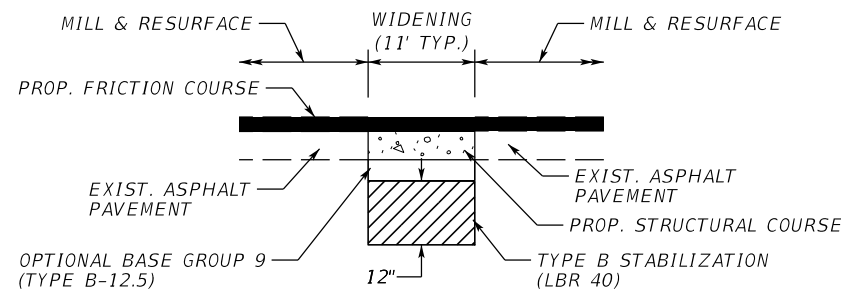
SECTION A-A

**TYPICAL TRAFFIC  
SEPARATOR SLOT DETAIL  
N.T.S.**

**TRAFFIC DATA**

CURRENT YEAR = 2019 AADT = 44500  
 ESTIMATED OPENING YEAR = N/A  
 ESTIMATED DESIGN YEAR = N/A  
 K = 9% D = 56% T = 3% (24 HOUR)  
 DESIGN HOUR T = 1.5%  
 DESIGN SPEED = 45 MPH

\* ACTUAL WIDTH OF BASE WIDENING  
 MAY VARY DUE TO EXISTING PAVEMENT  
 WIDTH. A UNIFORM WIDTH BASE  
 WIDENING STRIP MAY BE CONSTRUCTED  
 AT NO ADDITIONAL COMPENSATION.

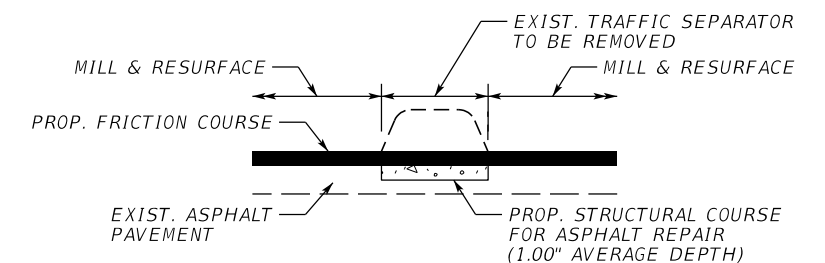


**WIDENING TYPICAL  
N.T.S.**

**WIDENING LIMITS**

STA. 1362+51.65 TO STA. 1362+80.21  
 STA. 1379+13.89 TO STA. 1379+91.53  
 STA. 1411+11.06 TO STA. 1411+55.93  
 STA. 1417+68.50 TO STA. 1418+21.50

TYPE B STABILIZATION (LBR 40) (12.00")  
 OPTIONAL BASE GROUP 9 (TYPE B-12.5)  
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3.00")  
 FRICION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.50")



**TYPICAL TRAFFIC  
SEPARATOR REMOVAL DETAIL  
N.T.S.**

LIMITS  
 STA. 1363+41.34 TO STA. 1364+49.94  
 STA. 1403+31.65 TO STA. 1406+95.17  
 STA. 1426+01.43 TO STA. 1429+03.76  
 STA. 1430+22.72 TO STA. 1432+71.06  
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1.00")  
 FRICION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.50")

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STEPHEN D. WILLIAMS, P.E.  
 P.E. LICENSE NUMBER 82274  
 SCALAR CONSULTING GROUP INC.  
 13337 N. 56TH STREET  
 TAMPA, FLORIDA 33617

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 45	MANATEE	444049-1-52-01

**TYPICAL SECTION**

SHEET  
NO.  
2

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 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 NUMBERS
BRIGHT HOUSE NETWORKS	JAMES FLEMING	(941) 748-3816X2024051
CHARTER COMMUNICATIONS	JAMES CRUZAN	(727) 329-2846
CROWN CASTLE	JOHN TRUDEL	(786) 701-7343
FLORIDA POWER & LIGHT - DISTRIBUTIONS	GREG COKER	(941) 723-4430
FLORIDA POWER & LIGHT - TRANSMISSION	PETER H. WASHIO	(561) 904-3693
FRONTIER	DENISE HUTTON	(941) 906-6722
MANATEE COUNTY IT DEPARTMENT	BILL KERSEY	(941) 748-4501X5083
MANATEE COUNTY UTILITY OPERATIONS	SCOTT MAY	(941) 708-7450X7650
MCI	KEN SOULE	(913) 458-4667
TECO PEOPLES GAS	BAUBLITZ ANTHONY	(941) 342-4025

4. SPECIAL EVENT DAYS FOR THIS PROJECT INCLUDE: TO BE DETERMINED
5. COORDINATE ALL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEMS (NPDES) DEWATERING ACTIVITIES THROUGH THE PROJECT ENGINEER, DISTRICT CONTAMINATION IMPACT COORDINATOR, AND CONTAMINATION ASSESSMENT & REMEDIATION CONTRACTOR TO ENSURE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND WATER MANAGEMENT DISTRICT COMPLIANCE DUE TO KNOWN GROUNDWATER CONTAMINATION PLUMES ADJACENT TO THE CORRIDOR THROUGHOUT THE PROJECT LIMITS. SEE THE PROJECT'S ASSOCIATED CONTAMINATION MEMORANDUM.
6. PROJECT CONTROL SHEETS ARE PROVIDED WITHIN THE LEAD COMPONENT ROADWAY PLAN SET. (FPID 433592-1-52-01)

LEGEND

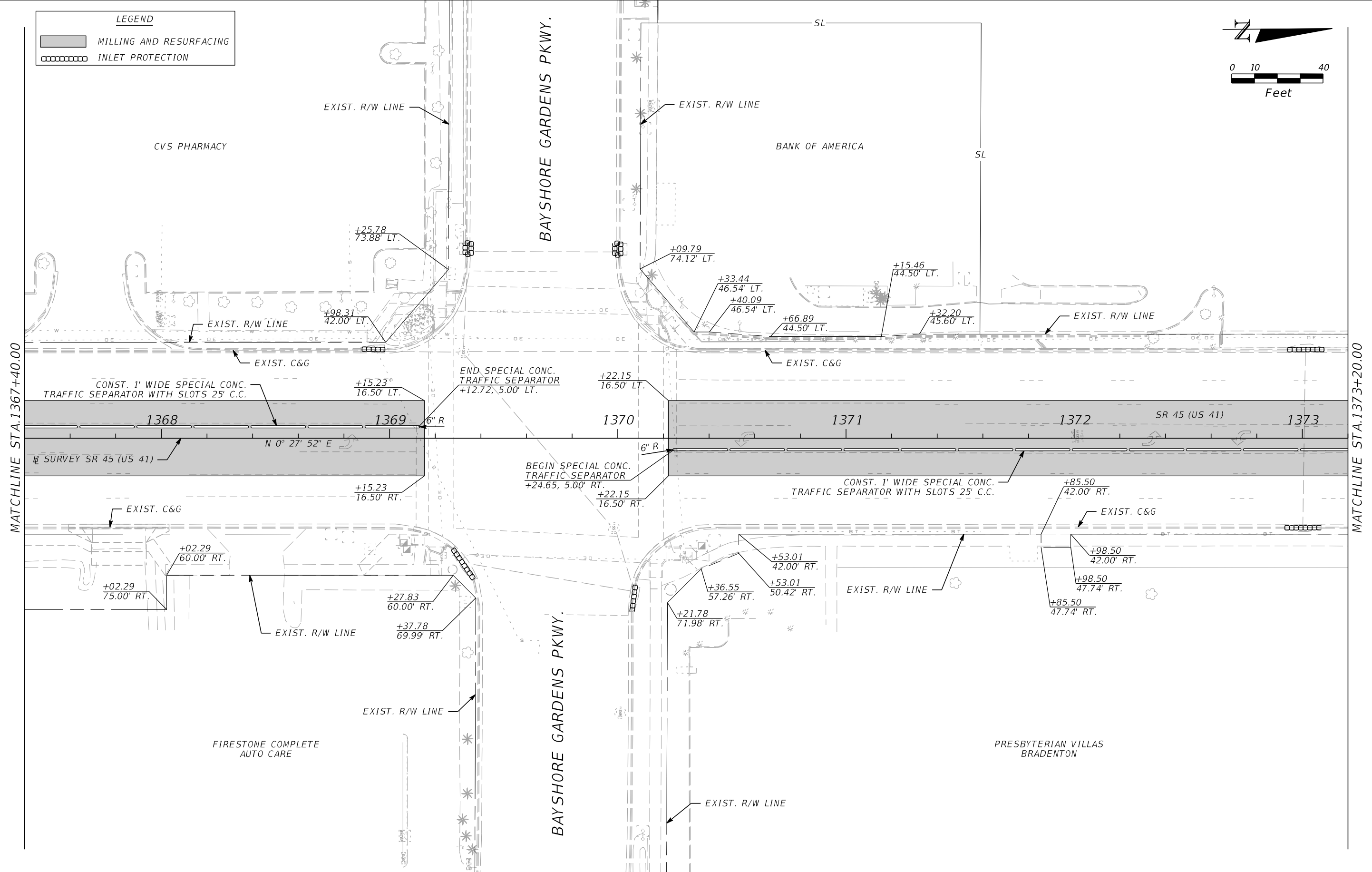
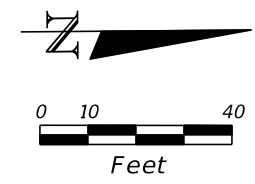
- PL = PROPERTY LINE  
 SL = SUBDIVISION LINE

REVISIONS				STEPHEN D. WILLIAMS, P.E. P.E. LICENSE NUMBER 82274 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		3
					SR 45	MANATEE	444049-1-52-01		

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LEGEND	
	MILLING AND RESURFACING
	INLET PROTECTION



MATCHLINE STA. 1367+40.00

MATCHLINE STA. 1373+20.00

REVISIONS			
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13337 N. 56TH STREET  
TAMPA, FLORIDA 33617




STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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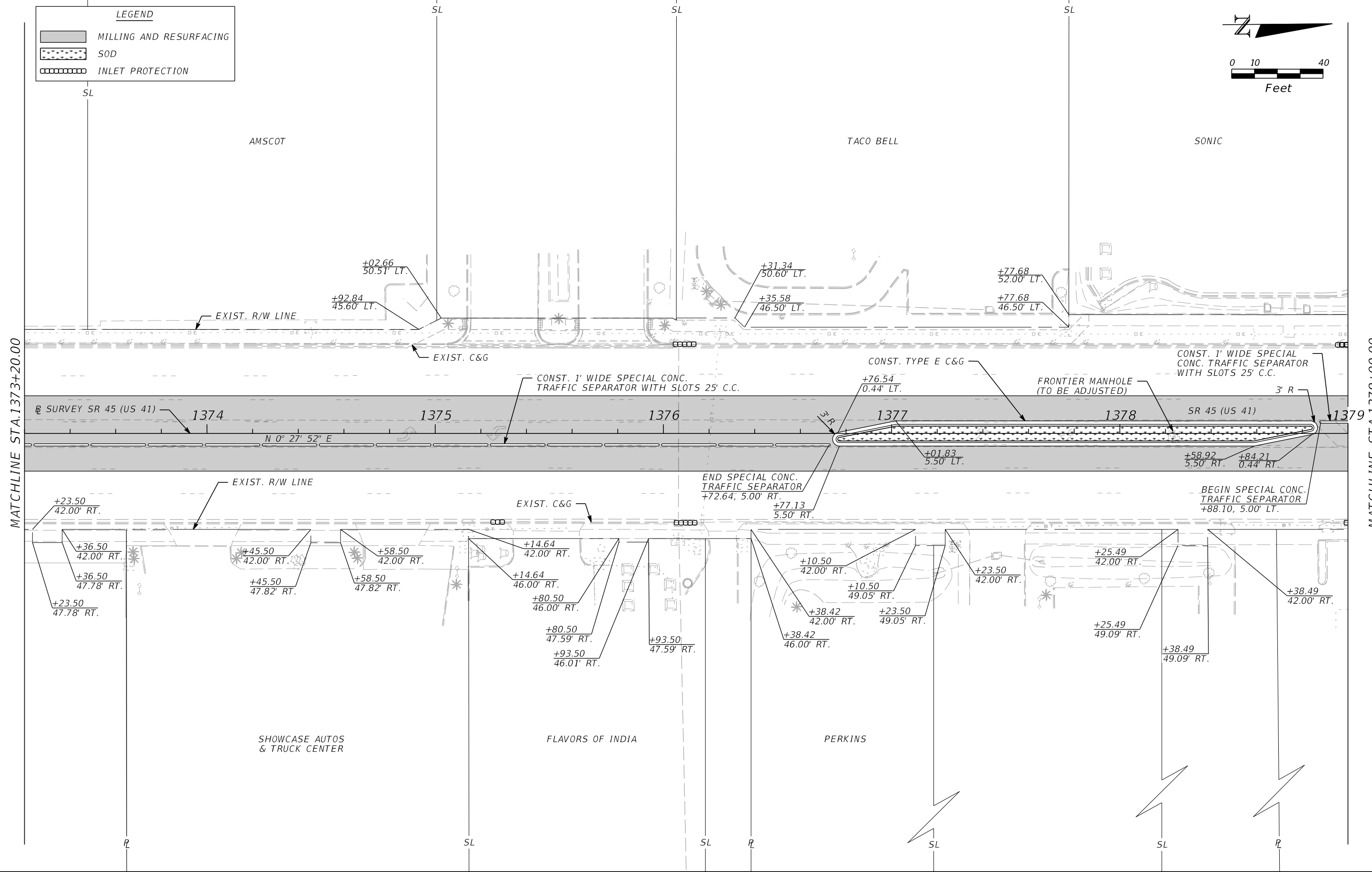
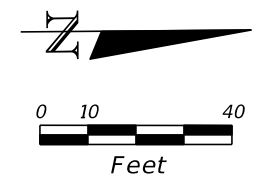
**ROADWAY PLANS (02)**

SHEET NO.  
5

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**LEGEND**

	MILLING AND RESURFACING
	SOD
	INLET PROTECTION



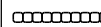


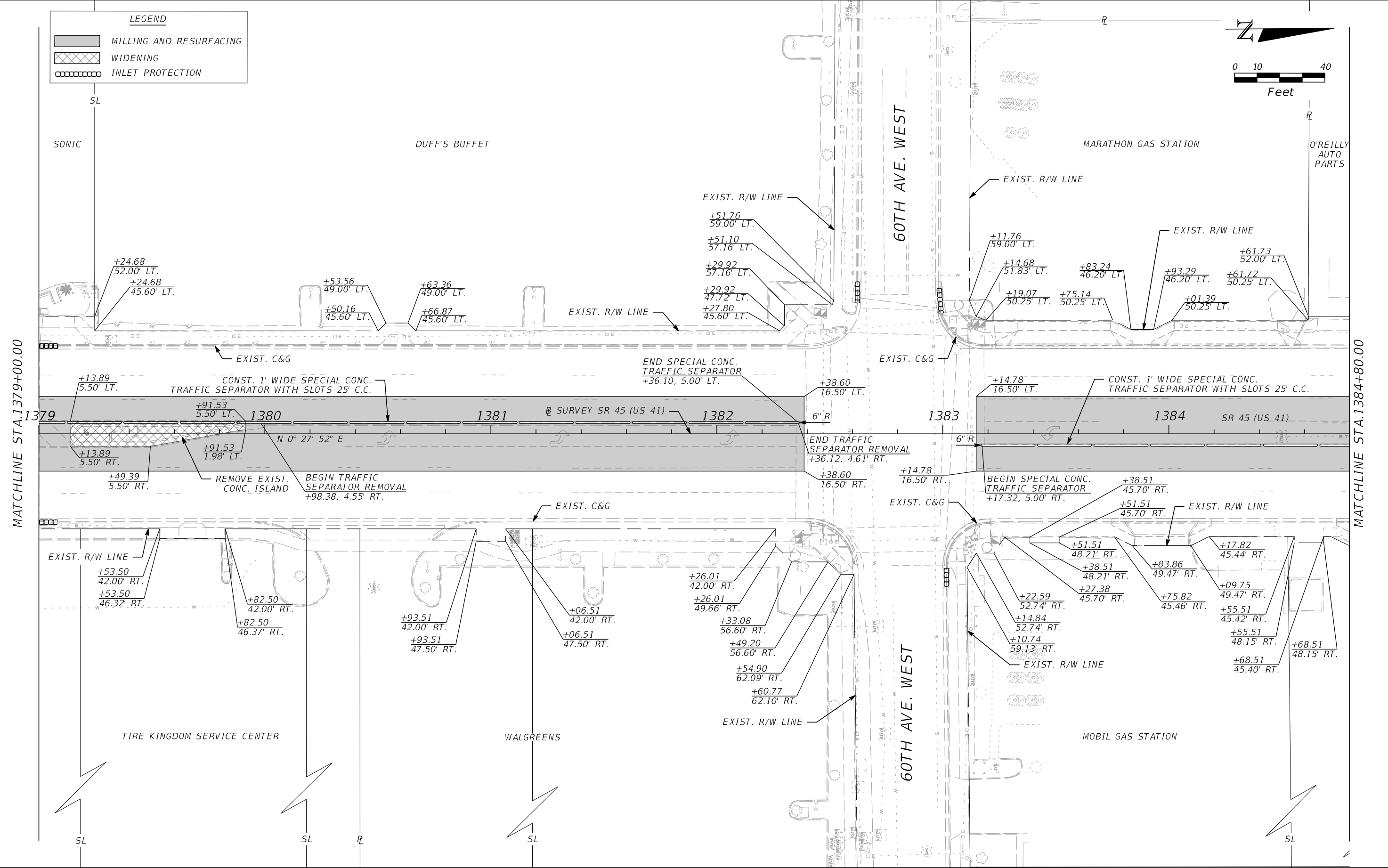
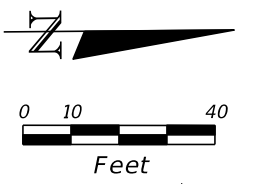
MATCHLINE STA. 1373+20.00

MATCHLINE STA. 1379+00.00

REVISIONS				STEPHEN D. WILLIAMS, P.E. P.E. LICENSE NUMBER 82274 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (03)	SHEET NO.  6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 45	MANATEE	444049-1-52-01		

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LEGEND	
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	WIDENING
	INLET PROTECTION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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13337 N. 56TH STREET  
TAMPA, FLORIDA 33617




STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 45	MANATEE	444049-1-52-01

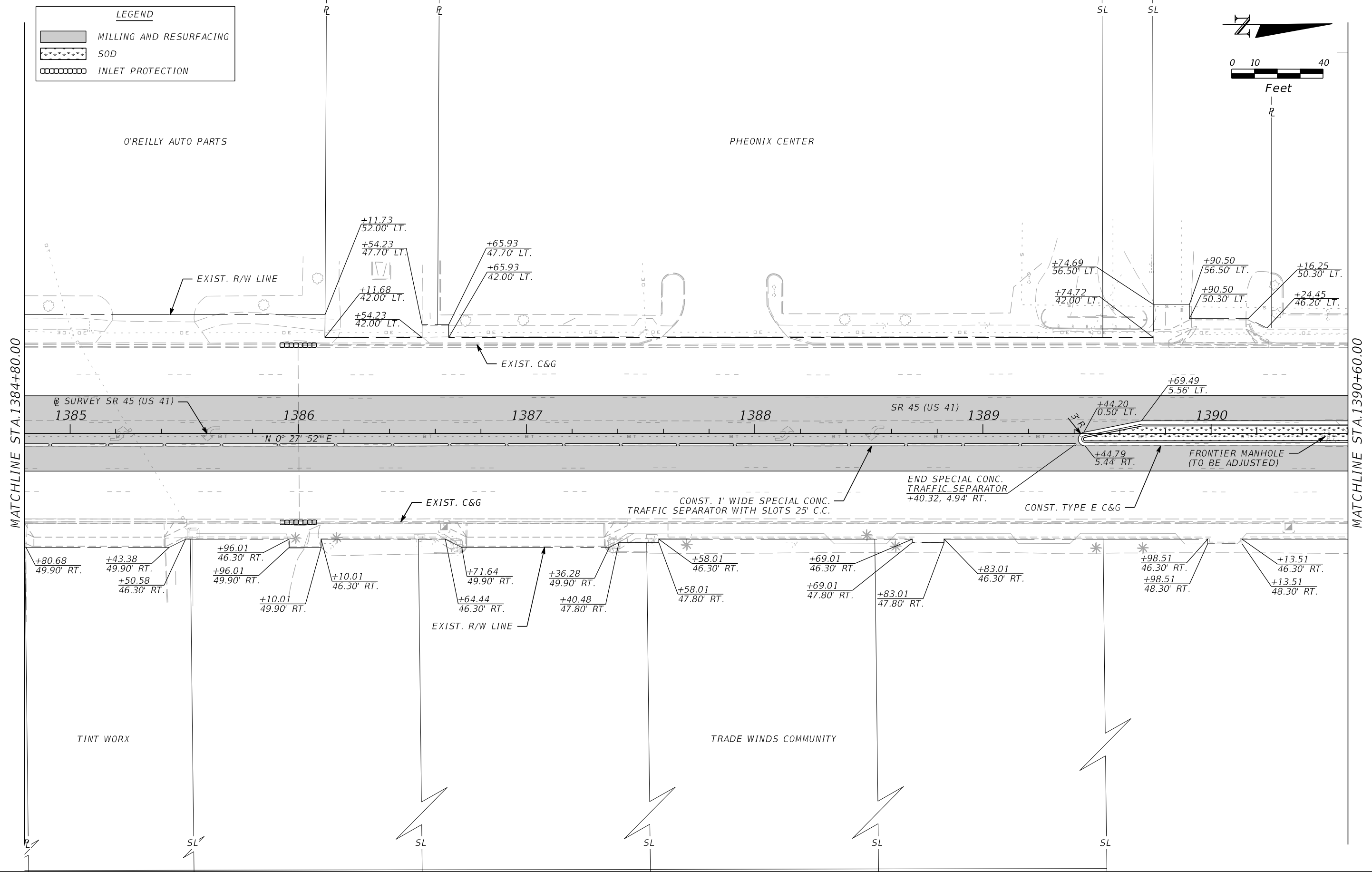
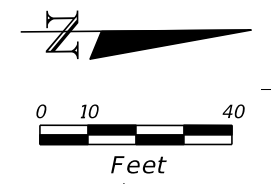
**ROADWAY PLANS (04)**

SHEET NO.  
7

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LEGEND	
	MILLING AND RESURFACING
	SOD
	INLET PROTECTION






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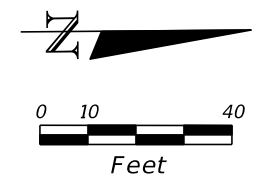
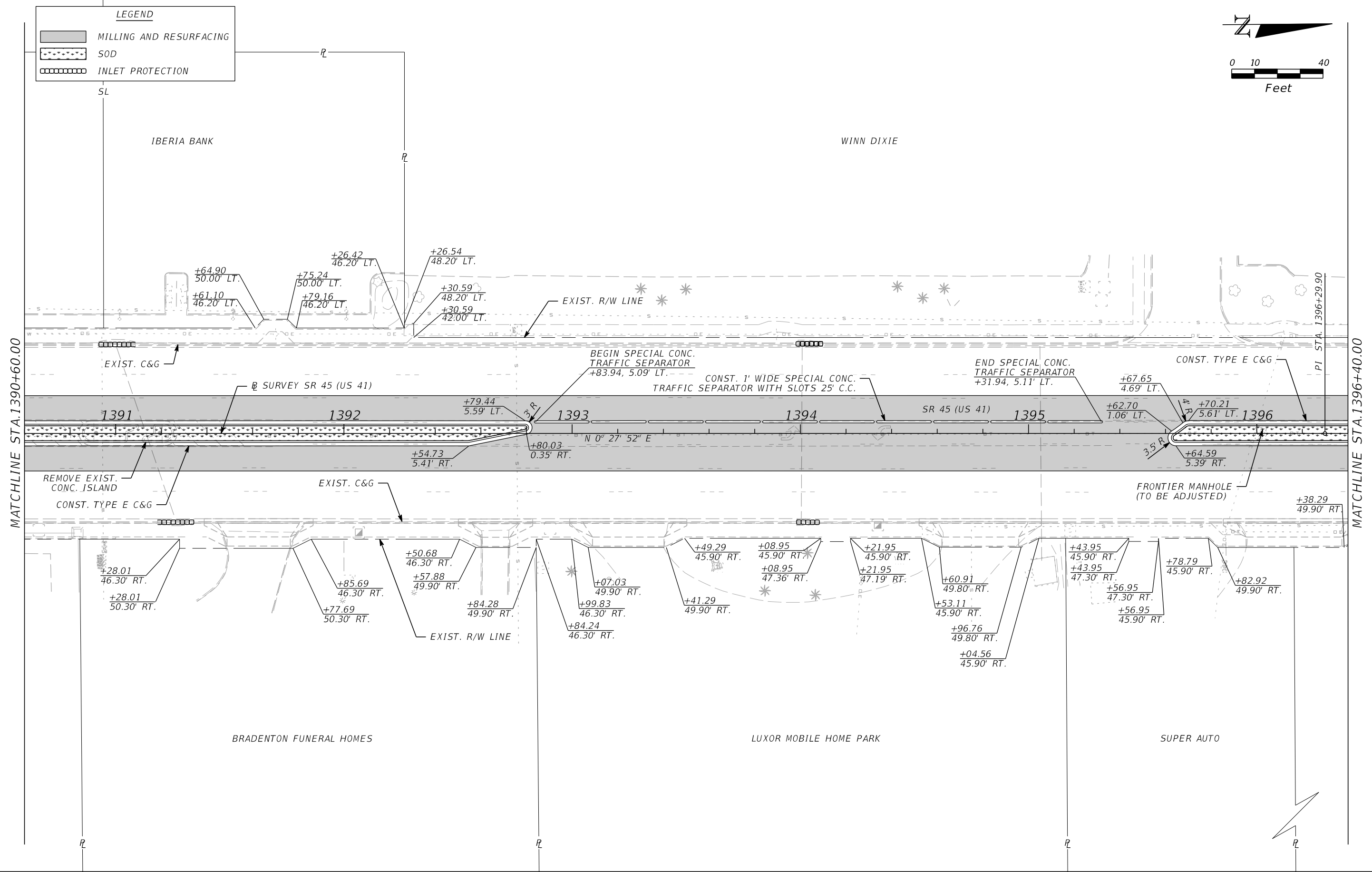
MATCHLINE STA. 1390+60.00

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 45	MANATEE	444049-1-52-01		8

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**LEGEND**

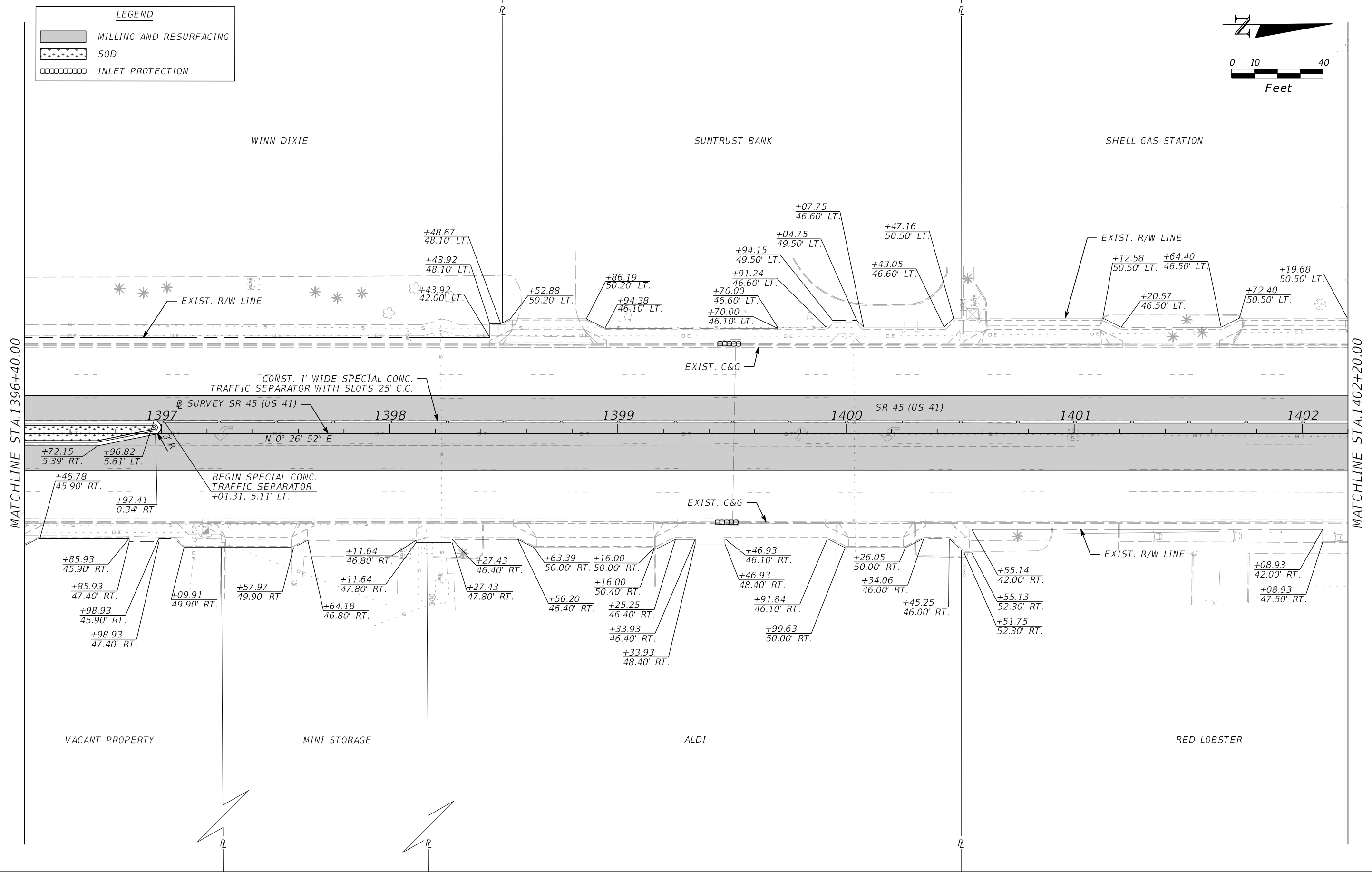
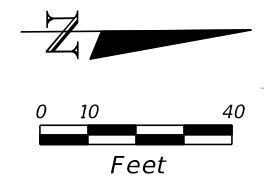
-  MILLING AND RESURFACING
-  SOD
-  INLET PROTECTION

REVISIONS				STEPHEN D. WILLIAMS, P.E. P.E. LICENSE NUMBER 82274 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>ROADWAY PLANS (06)</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		9
					SR 45	MANATEE	444049-1-52-01		

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LEGEND	
	MILLING AND RESURFACING
	SOD
	INLET PROTECTION



REVISIONS			
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TAMPA, FLORIDA 33617




STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 45	MANATEE	444049-1-52-01

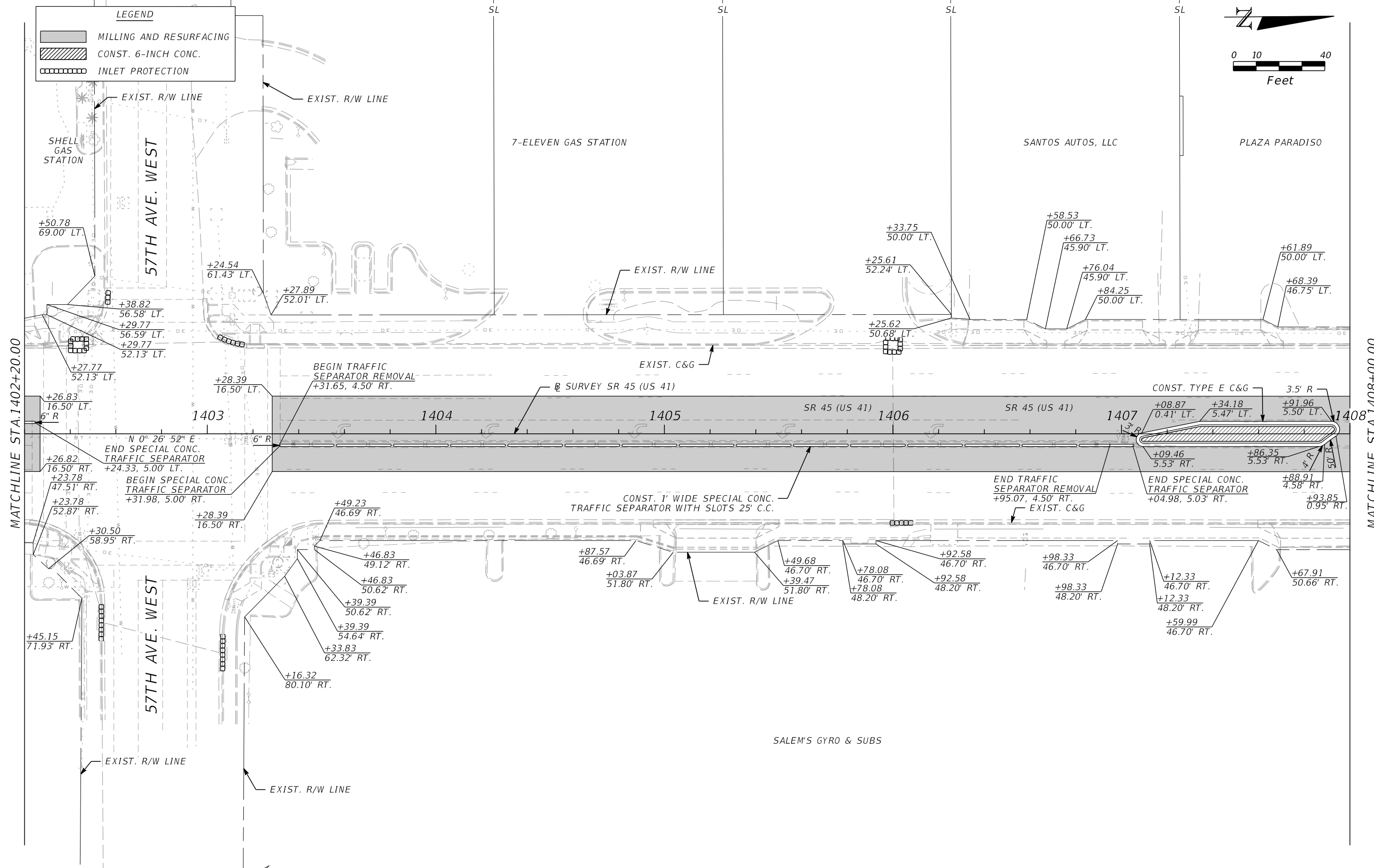
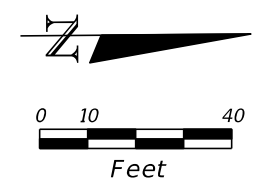
**ROADWAY PLANS (07)**

SHEET NO.  
10

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**LEGEND**

	MILLING AND RESURFACING
	CONST. 6-INCH CONC.
	INLET PROTECTION



MATCHLINE STA. 1402+20.00

MATCHLINE STA. 1408+00.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STEPHEN D. WILLIAMS, P.E.  
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 SCALAR CONSULTING GROUP INC.  
 13337 N. 56TH STREET  
 TAMPA, FLORIDA 33617

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 45	MANATEE	444049-1-52-01

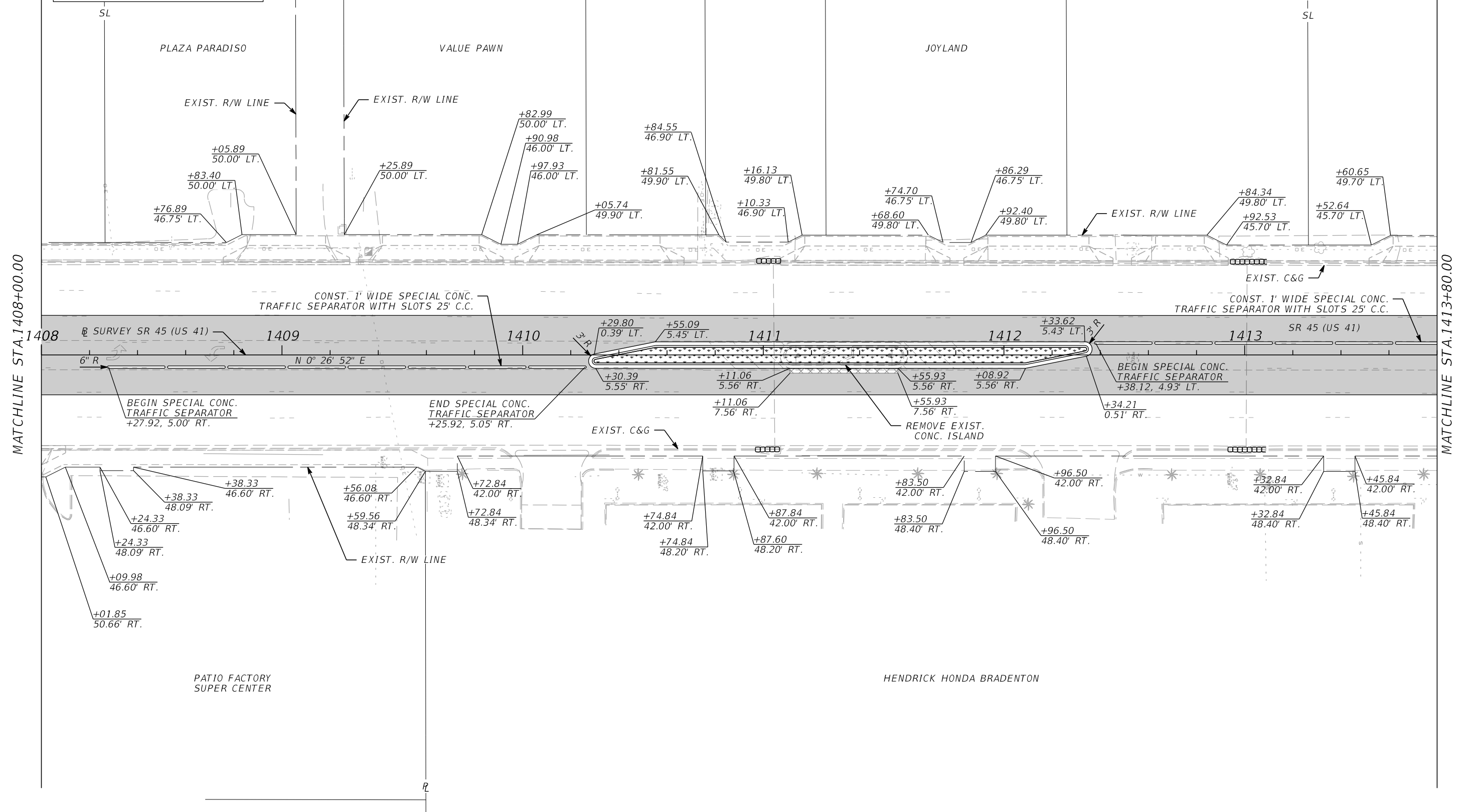
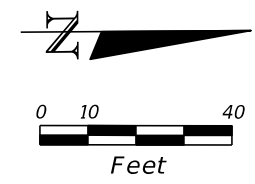
**ROADWAY PLANS (08)**

SHEET NO.  
**11**

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**LEGEND**

	MILLING AND RESURFACING
	WIDENING
	SOD
	INLET PROTECTION



MATCHLINE STA. 1408+00.00

MATCHLINE STA. 1413+80.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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13337 N. 56TH STREET  
TAMPA, FLORIDA 33617

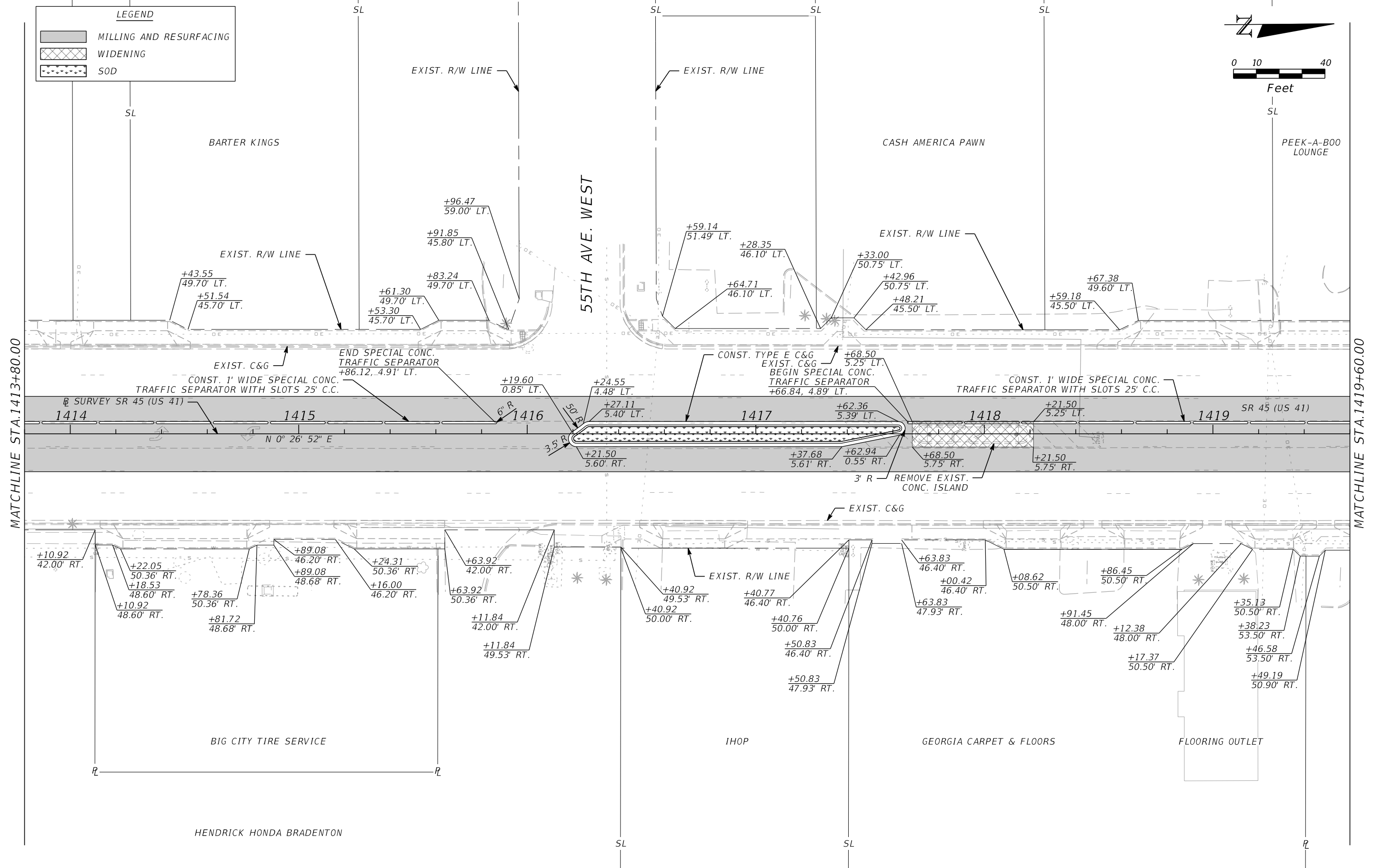
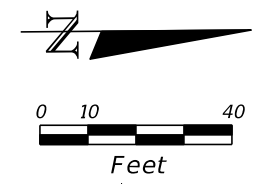
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 45	MANATEE	444049-1-52-01

**ROADWAY PLANS (09)**

SHEET NO.  
12

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LEGEND	
	MILLING AND RESURFACING
	WIDENING
	SOD



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION




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 P.E. LICENSE NUMBER 82274  
 SCALAR CONSULTING GROUP INC.  
 13337 N. 56TH STREET  
 TAMPA, FLORIDA 33617

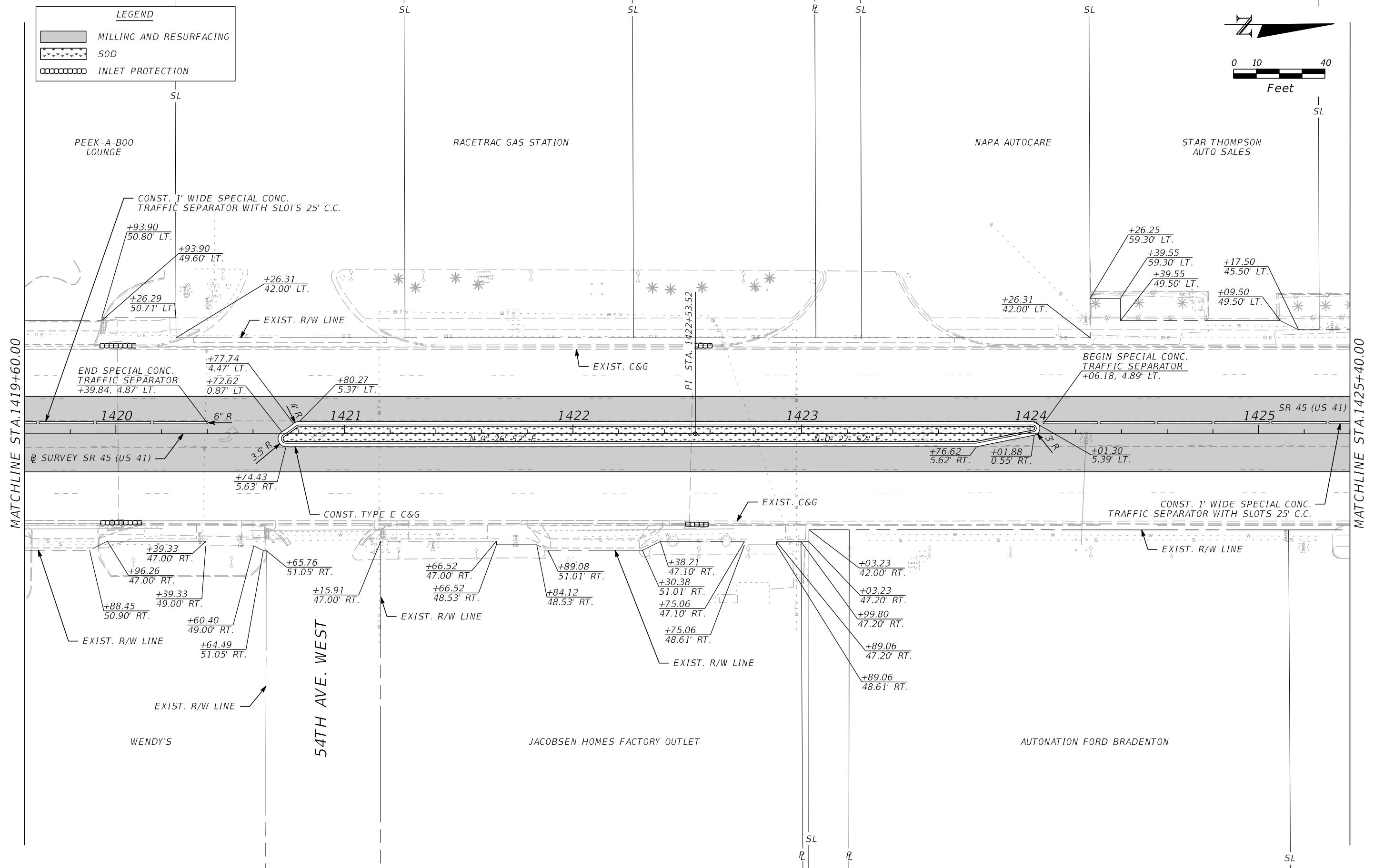
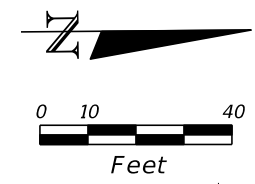
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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**ROADWAY PLANS (10)**

SHEET NO.  
13

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LEGEND	
	MILLING AND RESURFACING
	SOD
	INLET PROTECTION



MATCHLINE STA. 1419+60.00

MATCHLINE STA. 1425+40.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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TAMPA, FLORIDA 33617

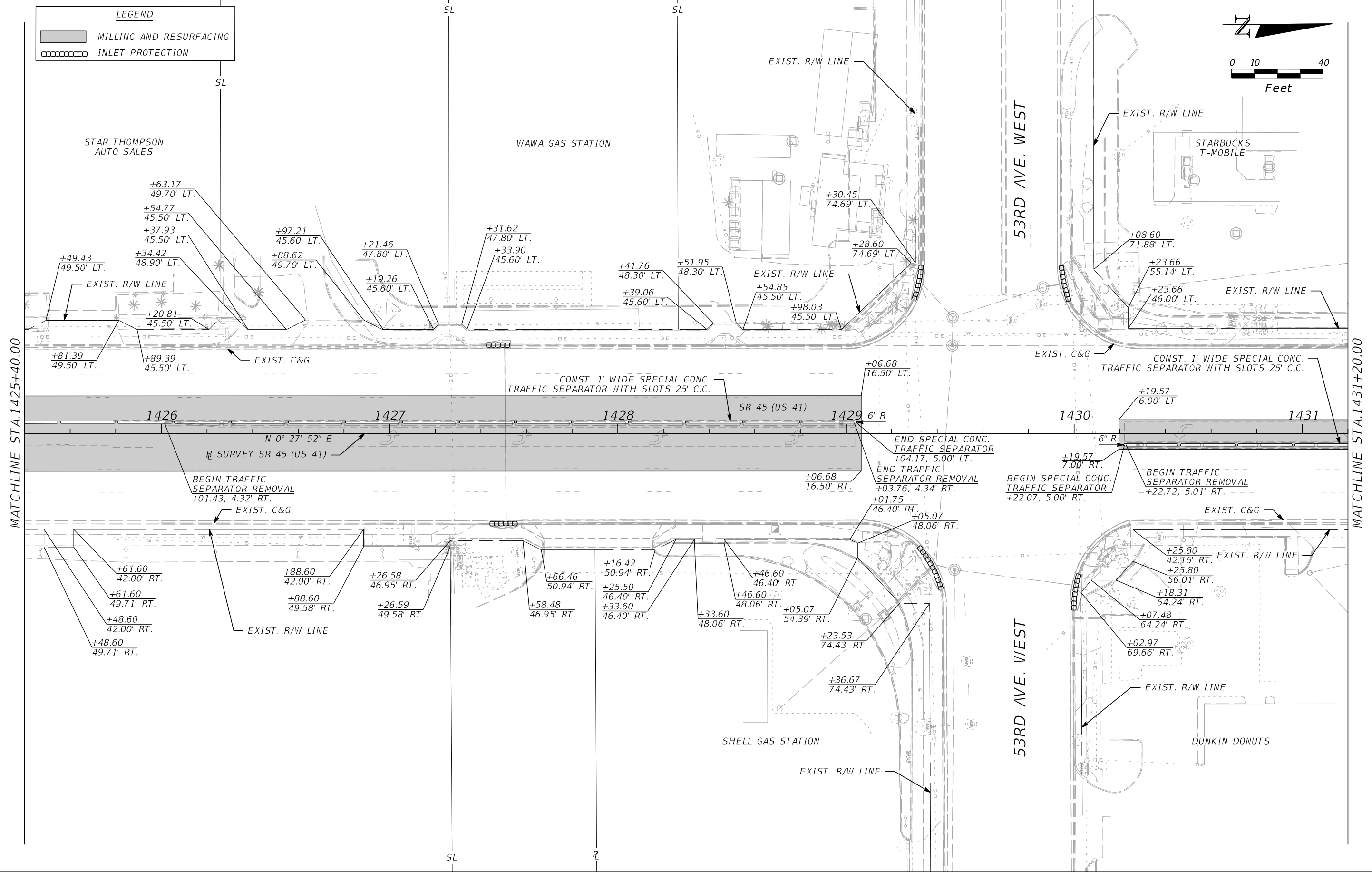
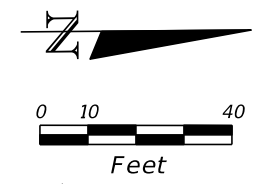
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 45	MANATEE	444049-1-52-01

**ROADWAY PLANS (11)**

SHEET NO.  
**14**

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



MATCHLINE STA. 1425+40.00

MATCHLINE STA. 1431+20.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STEPHEN D. WILLIAMS, P.E.  
 P.E. LICENSE NUMBER 82274  
 SCALAR CONSULTING GROUP INC.  
 13337 N. 56TH STREET  
 TAMPA, FLORIDA 33617

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 45	MANATEE	444049-1-52-01



**ROADWAY PLANS (12)**

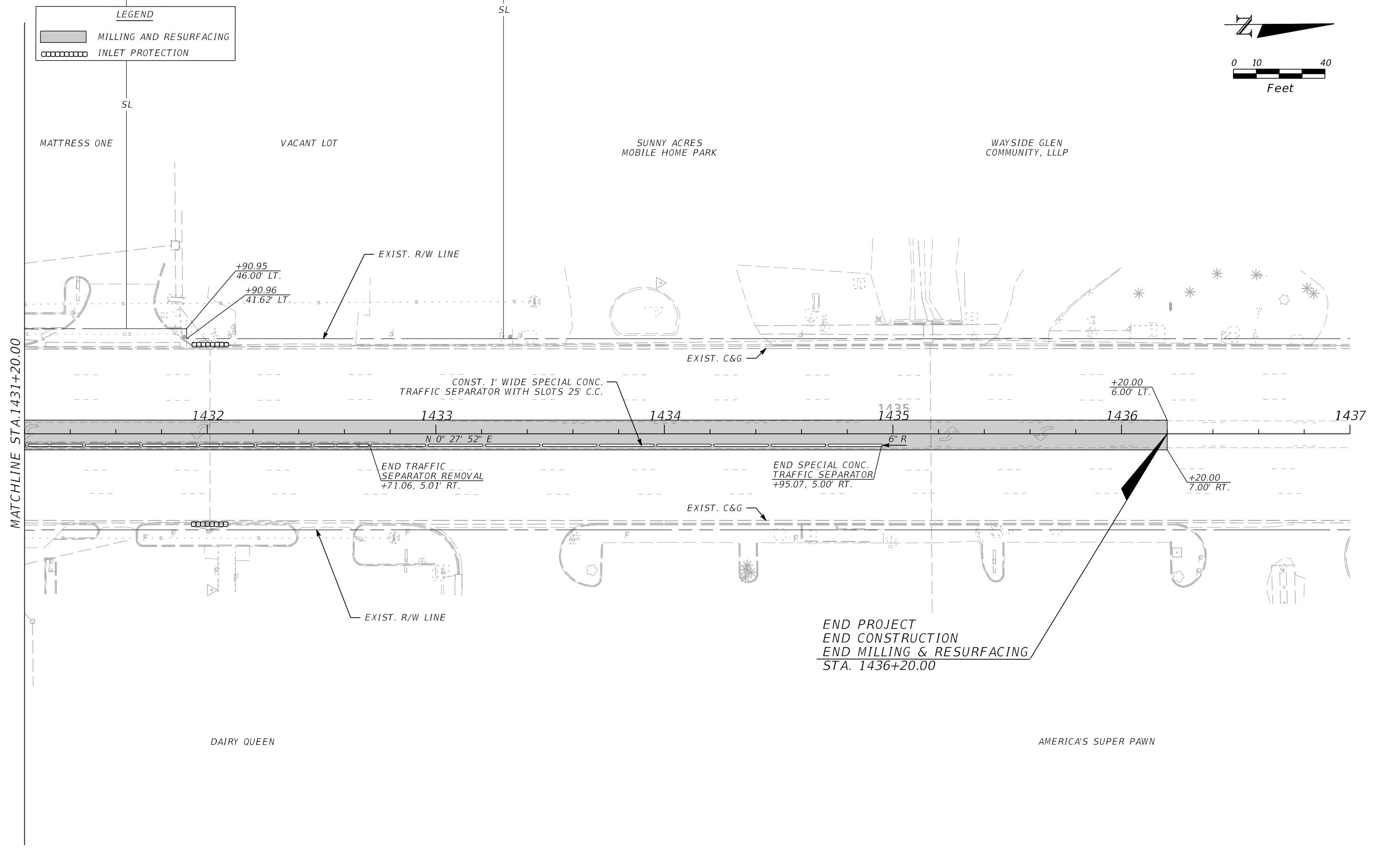
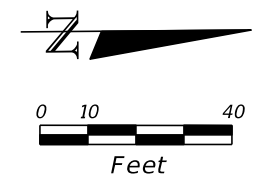
SHEET NO.  
**15**

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



MATCHLINE STA. 1431+20.00

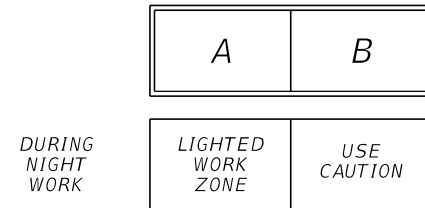
END PROJECT  
 END CONSTRUCTION  
 END MILLING & RESURFACING  
 STA. 1436+20.00

REVISIONS				STEPHEN D. WILLIAMS, P.E. P.E. LICENSE NUMBER 82274 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLANS (13)	SHEET NO.  16
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 45	MANATEE	444049-1-52-01		

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

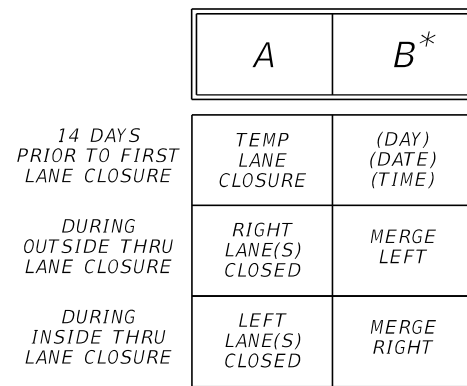
**TEMPORARY TRAFFIC CONTROL PLAN GENERAL NOTES**

- LANE CLOSURES ARE PERMITTED BETWEEN THE HOURS OF 7:00 PM TO 6:00 AM FOR SINGLE LANE CLOSURES IN EACH DIRECTION. LANE CLOSURES ARE ALLOWED ONLY WITHIN AN ACTIVE WORK ZONE.
- THE EXISTING POSTED SPEED LIMIT (45 MPH) ALONG SR 45 SHALL REMAIN AT ALL TIMES DURING CONSTRUCTION.
- UTILIZE PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGNS (PCMS) DURING ACTIVE NIGHT TIME OPERATIONS. USE THE FOLLOWING PCMS NO. 1 DISPLAY DURING NIGHT TIME OPERATIONS:



**PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN (PCMS) NO. 1 DISPLAY**

- DURING LANE CLOSURES ALONG SR 45, USE A PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN (PCMS) DISPLAY APPROXIMATELY 1500' IN ADVANCE OF THE LANE CLOSURE AREA FOR APPROACHING TRAFFIC. USE THE FOLLOWING PCMS DISPLAYS FOR LANE CLOSURES:

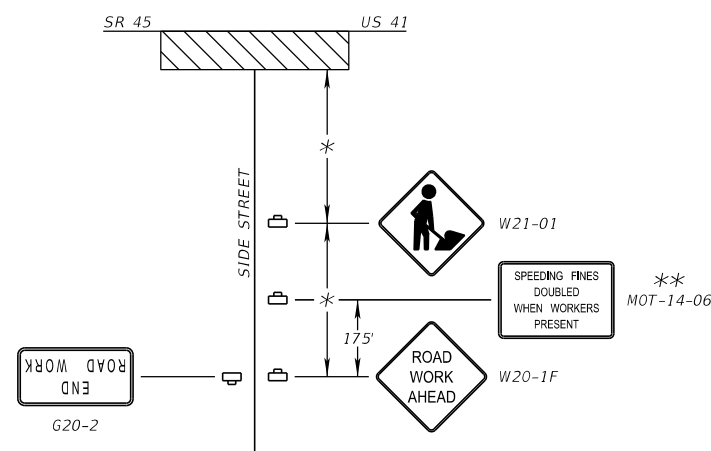


**PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN (PCMS) NO. 2 DISPLAY**

\* INFORMATION IN PARENTHESIS TO BE ADDED PER CONSTRUCTION SCHEDULE

- SIGNALIZED SIDE STREETS:**
- BAYSHORE GARDENS PKWY.
  - 60TH AVE. W.
  - 57TH AVE. W.
  - 53RD AVE. W.

- MINOR SIDE STREETS:**
- 63RD AVE. W.
  - 56TH AVE. W.
  - 55TH AVE. W.
  - 54TH AVE. W.



**SIDE STREET ADVANCE SIGNING**  
N.T.S.

- \* = 350-FT FOR SIGNALIZED SIDE STREETS  
100-FT FOR MINOR SIDE STREETS
- \*\* = ONLY TO BE USED WITH SIGNALIZED INTERSECTIONS

**WORK ZONE PHASING NOTES**

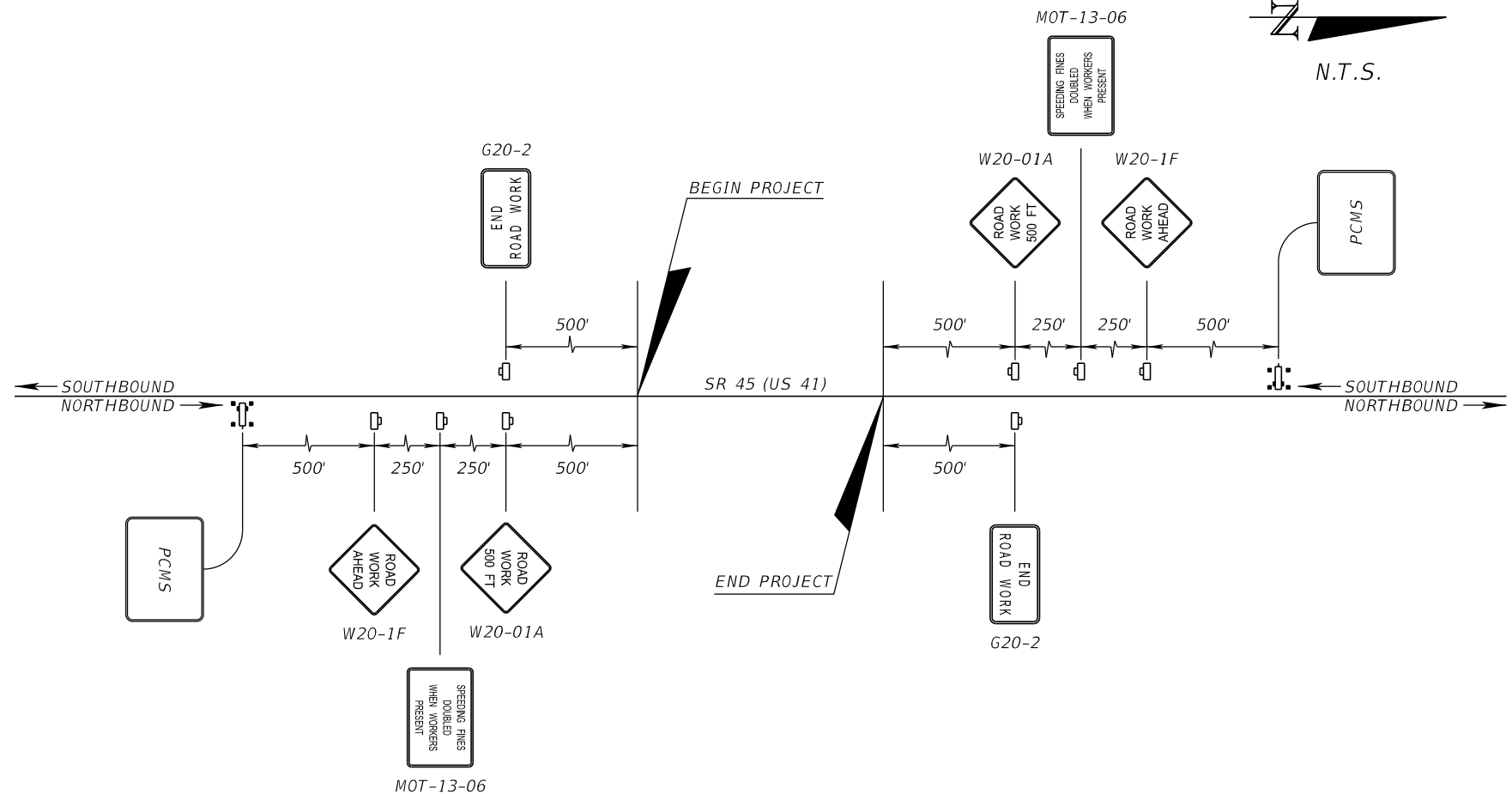
- MAINTAIN PEDESTRIAN ACCESS TO BUS STOPS AND SIDE STREETS AT ALL TIMES.
- REFER TO LEAD PROJECT FPID 433592-1-52-01 FOR PHASE I & II.

**PHASE III - THE INTENT OF THIS PHASE IS TO CONSTRUCT THE MEDIAN AND TRAFFIC SEPARATOR.**

- PLACE TEMPORARY SIGNAGE AND ROADWAY CHANELIZING DEVICES IN ACCORDANCE WITH INDEX 102-600, 102-616 AND 102-628.
- REMOVE EXIST. CONCRETE MEDIANS AND TRAFFIC SEPARATOR AS NOTED.
- PERFORM WIDENING AS NOTED IN THE PLANS.
- MILL BI-DIRECTIONAL LEFT TURN LANES.
- CONSTRUCT TRAFFIC SEPARATORS AND RAISED MEDIANS.
- RESURFACE BI-DIRECTIONAL LEFT TURN LANES.

**PHASE IV - THE INTENT OF THIS PHASE IS TO MILL AND RESURFACE THE ADJACENT TRAVEL LANES.**




- PLACE TEMPORARY SIGNAGE AND ROADWAY CHANELIZING DEVICES IN ACCORDANCE WITH INDEX 102-600, 102-616 AND 102-617.
- MILL AND RESURFACE INSIDE THROUGH LANES.

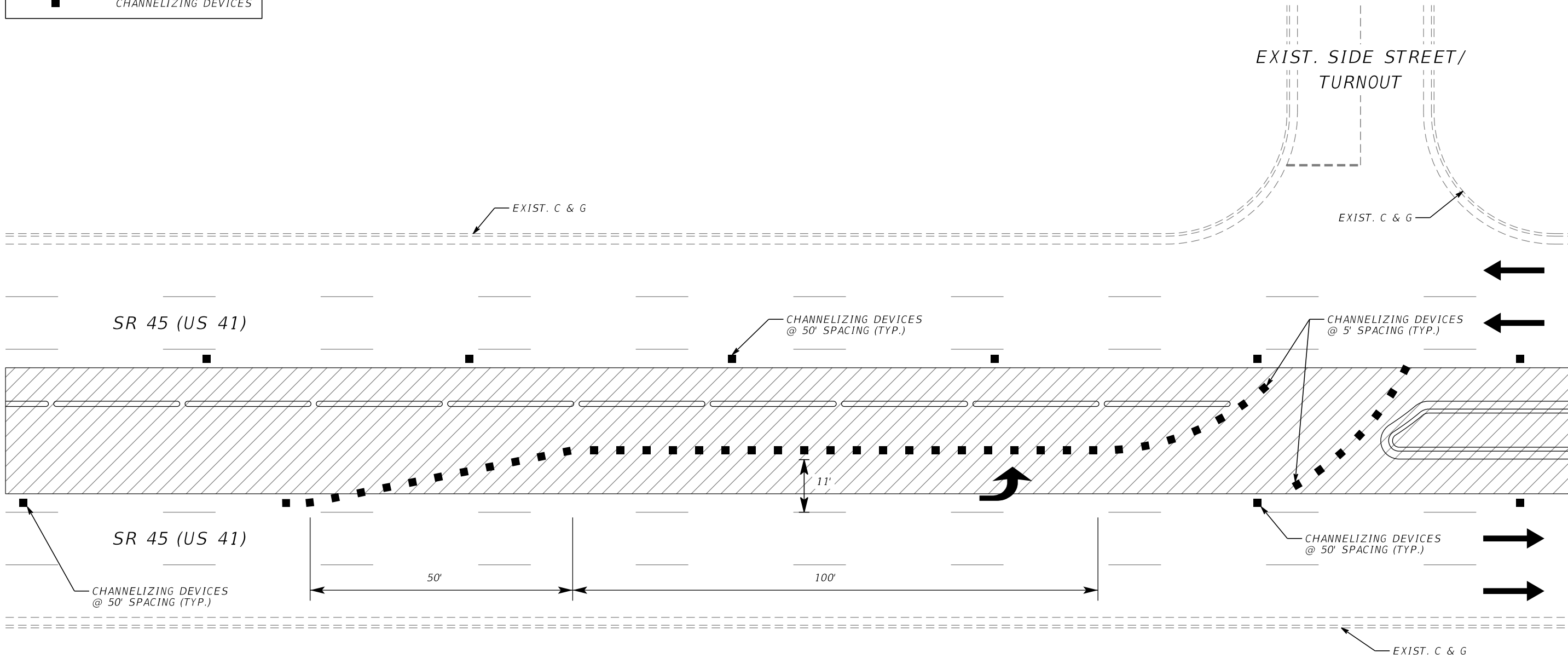


**SR 45 (US 41) ADVANCE SIGNING DETAIL**  
N.T.S.

REVISIONS				STEPHEN D. WILLIAMS, P.E. P.E. LICENSE NUMBER 82274 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 45	MANATEE	444049-1-52-01		17

**LEGEND**

-  WORK ZONE
-  DIRECTIONAL ARROW
-  CHANNELIZING DEVICES



**ACCESS MANAGEMENT DETAIL**

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STEPHEN D. WILLIAMS, P.E.  
P.E. LICENSE NUMBER 82274  
SCALAR CONSULTING GROUP INC.  
13337 N. 56TH STREET  
TAMPA, FLORIDA 33617

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 45	MANATEE	444049-1-52-01

**TEMPORARY TRAFFIC CONTROL PLANS**

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.

**INDEX OF SUMMARY OF QUANTITIES**

SHEET NO.	SHEET DESCRIPTION
SQ-1	SUMMARY OF LUMP SUM ITEMS
SQ-1	SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS
SQ-1	SUMMARY OF TEMPORARY SIGNALIZATION & DETECTION
SQ-2	SUMMARY OF EROSION AND SEDIMENT CONTROL
SQ-3 - SQ-4	SUMMARY OF LITTER REMOVAL AND MOWING
SQ-5	SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS
SQ-6	SUMMARY OF EARTHWORK
SQ-6 - SQ-7	SUMMARY OF PAVEMENT
SQ-8 - SQ-12	SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS
SQ-12	SUMMARY OF SIDEWALK & DETECTABLE WARNINGS
SQ-12	SUMMARY OF PERFORMANCE TURF

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		GRAND TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	P	F	P	F		
			DAYS	P	P	DAYS	P	P	P	F	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS/DA									1			
0102 14	TRAFFIC CONTROL OFFICER	HR				48	48	48			48			
0102 60	WORK ZONE SIGN	ED	170	41	6970	30	41	1230	8200		8200			
0102 74 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	170	375	63750	30	422	12660	76410		76410			
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	170	2	340	30			340		340			
0102 115	TYPE III BARRICADE	ED	170	26	4420	30			4420		4420			

SUMMARY OF TEMPORARY SIGNALIZATION & DETECTION															
PHASE	DURATION	0102104						0102107 1						DESIGN NOTES	CONSTRUCTION REMARKS
		TEMPORARY SIGNALS & MAINTENANCE OF INTERSECTION - EACH DAY						TEMPORARY TRAFFIC DETECTION & MAINTENANCE OF INTERSECTION - EACH DAY							
		EXISTING			TEMPORARY			EXISTING			TEMPORARY/NEW				
DAYS	#	P	F	#	P	F	#	P	F	#	P	F			
I	100	6	600				6	600							
II	100	6	600				6	600							
	SUB-TOTAL		1200					1200							
				TOTAL		1200				TOTAL		1200			

<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					STEPHEN D. WILLIAMS, P.E. P.E. LICENSE NUMBER 82274 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617	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 45</td> <td>MANATEE</td> <td>444049-1-52-01</td> </tr> </table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 45	MANATEE	444049-1-52-01	SUMMARY OF QUANTITIES (01)	SHEET NO. SQ-1
REVISIONS																									
DATE	DESCRIPTION	DATE	DESCRIPTION																						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																							
SR 45	MANATEE	444049-1-52-01																							

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**SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES**

LOCATION  STA. TO STA.	SIDE	AREA ID	INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 18			
			EA			
P	F					
1362+18.36 to 1362+28.38	LT		1			
1362+29.71 to 1362+40.57	RT		1			
1362+99.64 to 1363+09.76	LT		1			
1363+11.55 to 1363+21.41	RT		1			
1364+96.91 to 1365+07.16	RT		1			
1364+97.58 to 1365+08.05	LT		1			
1365+97.46 to 1366+02.35	RT		1			
1366+74.49 to 1366+81.95	LT		1			
1368+87.47 to 1368+97.96	LT		1			
1369+27.75 to 1369+37.01	RT		1			
1369+33.12 to 1369+35.73	LT		1			
1369+98.74 to 1370+01.29	LT		1			
1370+06.23 to 1370+07.73	RT		1			
1372+92.30 to 1373+08.22	RT		1			
1372+99.55 to 1373+02.99	LT		1			
1375+24.38 to 1375+30.69	RT		1			
1376+04.26 to 1376+14.68	LT		1			
1376+04.70 to 1376+14.70	RT		1			
1378+95.39 to 1379+08.46	LT		1			
1378+98.30 to 1379+08.18	RT		1			
1382+62.21 to 1382+62.27	LT		1			
1382+98.38 to 1382+99.28	LT		1			
1383+01.57 to 1383+01.62	RT		1			
1385+92.13 to 1386+08.04	RT		1			
1385+97.56 to 1386+01.65	LT		1			
1390+92.62 to 1391+08.54	LT		1			
1391+18.39 to 1391+34.19	RT		1			
SUB-TOTAL:			27			
TOTAL:			53			

**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	CYCLES	AREA		AREA ID	CYCLES	AREA			
							AC/CYCLE	TOTAL (AC)			AC/CYCLE	TOTAL (AC)		
P	F	P	F	P	F	P	F							
ALL	1359+38.42 to 1362+59.03	RT	200	30	73899	7	0.089	0.622						
	1359+39.06 to 1369+35.09	LT	200	30	74152	7	0.122	0.854						
	1362+94.19 to 1369+38.01	RT	200	30	73903	7	0.314	2.196						
	1369+99.53 to 1382+63.72	LT	200	30	74161	7	0.290	2.027						
	1370+06.56 to 1382+62.76	RT	200	30	73918	7	0.175	1.226						
	1382+96.91 to 1402+57.53	LT	200	30	74190	7	0.359	2.512						
	1382+99.77 to 1402+55.13	RT	200	30	73965	7	0.446	3.119						
	1402+96.72 to 1416+12.12	LT	200	30	74240	7	0.392	2.741						
	1403+07.60 to 1429+43.91	RT	200	30	74056	7	0.537	3.758						
	1416+40.51 to 1429+34.51	LT	200	30	74278	7	0.280	1.961						
1429+92.72 to 1436+20.00	LT	200	30	79182	7	0.094	0.658							
1429+98.30 to 1436+20.00	RT	200	30	79155	7	0.067	0.469							
SUB-TOTAL:								22.143	SUB-TOTAL:					
TOTAL:								22.14	TOTAL:				3.74	

<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					STEPHEN D. WILLIAMS, P.E. P.E. LICENSE NUMBER 82274 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>SUMMARY OF QUANTITIES (02)</b>	SHEET NO.  SQ-2
REVISIONS																					
DATE	DESCRIPTION	DATE	DESCRIPTION																		
ROAD NO.		COUNTY	FINANCIAL PROJECT ID	SR 45	MANATEE	444049-1-52-01															

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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	CYCLES	AREA		AREA ID	CYCLES	AREA			
							AC/CYCLE	TOTAL (AC) P F			AC/CYCLE	TOTAL (AC) P F		
ALL	1362+15.88 to 1362+51.52	RT	200	30					85279	7	0.008	0.053		
	1362+15.91 to 1362+45.75	RT	200	30					85325	7	0.001	0.007		
	1362+16.11 to 1362+57.15	LT	200	30					84582	7	0.003	0.018		
	1362+86.81 to 1363+95.09	LT	200	30					86036	7	0.008	0.053		
	1362+95.50 to 1364+57.70	RT	200	30					85369	7	0.014	0.097		
	1363+06.09 to 1364+29.45	RT	200	30					85289	7	0.006	0.043		
	1364+47.27 to 1365+90.57	LT	200	30					84617	7	0.008	0.055		
	1364+81.78 to 1365+58.43	RT	200	30					85268	7	0.005	0.034		
	1364+89.37 to 1365+54.84	RT	200	30					85344	7	0.003	0.020		
	1365+64.63 to 1365+87.55	RT	200	30					85390	7	0.001	0.010		
	1365+66.96 to 1365+80.42	RT	200	30					85262	7	0.001	0.004		
	1366+11.89 to 1366+45.34	RT	200	30					85400	7	0.008	0.053		
	1366+19.39 to 1366+37.88	RT	200	30					85254	7	0.001	0.006		
	1366+50.33 to 1367+18.03	LT	200	30					84626	7	0.004	0.028		
	1366+69.34 to 1368+01.39	RT	200	30					85411	7	0.032	0.222		
	1366+80.78 to 1367+62.17	RT	200	30					85244	7	0.004	0.029		
	1367+96.50 to 1368+30.29	RT	200	30					85235	7	0.010	0.067		
	1368+04.79 to 1369+18.85	LT	200	30					85992	7	0.010	0.071		
	1368+53.08 to 1369+10.60	RT	200	30					85427	7	0.014	0.097		
	1368+89.14 to 1369+17.86	RT	200	30					85219	7	0.006	0.044		
	1369+22.86 to 1369+33.95	RT	200	30					85436	7	0.002	0.013		
	1370+19.69 to 1370+53.01	RT	200	30					85197	7	0.002	0.015		
	1370+22.83 to 1371+75.85	RT	200	30					85446	7	0.012	0.081		
	1371+80.73 to 1373+82.83	RT	200	30					85463	7	0.012	0.083		
	1374+13.86 to 1374+66.12	RT	200	30					85182	7	0.003	0.020		
	1374+91.66 to 1375+13.38	LT	200	30					84636	7	0.002	0.013		
	1374+96.58 to 1375+33.74	RT	200	30					85483	7	0.002	0.015		
	1375+45.49 to 1375+62.59	LT	200	30					85978	7	0.002	0.013		
	1375+63.54 to 1376+19.26	RT	200	30					85174	7	0.003	0.021		
	1375+93.70 to 1376+32.72	LT	200	30					84651	7	0.004	0.027		
	1376+32.91 to 1377+33.47	RT	200	30					85161	7	0.006	0.042		
	1377+59.18 to 1378+50.39	RT	200	30					85496	7	0.006	0.039		
	1377+78.79 to 1379+23.64	LT	200	30					85970	7	0.023	0.162		
	1378+87.09 to 1379+64.04	RT	200	30					85152	7	0.004	0.025		
1379+71.92 to 1380+08.57	RT	200	30					85505	7	0.002	0.011			
1380+66.87 to 1382+35.85	LT	200	30					85953	7	0.001	0.008			
1380+83.06 to 1382+41.36	RT	200	30					85130	7	0.012	0.086			
1382+28.96 to 1382+49.20	RT	200	30					85119	7	0.002	0.014			
1382+31.53 to 1382+40.27	LT	200	30					84666	7	0.001	0.005			
1382+37.70 to 1382+50.41	LT	200	30					84661	7	0.001	0.007			
1382+46.42 to 1382+57.07	LT	200	30					85965	7	0.001	0.005			
1382+51.49 to 1382+59.97	RT	200	30					85511	7	0.001	0.006			
1383+09.81 to 1383+27.47	RT	200	30					85105	7	0.003	0.018			
1383+11.51 to 1383+18.61	LT	200	30					84671	7	0.001	0.006			
1384+56.35 to 1385+14.90	LT	200	30					84681	7	0.008	0.053			
1384+61.72 to 1385+18.64	LT	200	30					85943	7	0.002	0.014			
1385+57.65 to 1386+17.22	LT	200	30					85927	7	0.009	0.062			
1385+91.04 to 1386+11.73	LT	200	30					84695	7	0.001	0.004			
1386+54.36 to 1387+57.42	LT	200	30					84700	7	0.005	0.037			
1388+16.94 to 1389+23.94	LT	200	30					85922	7	0.006	0.040			
1391+00.00 to 1391+48.33	RT	200	30					85520	7	0.003	0.018			
1391+76.79 to 1392+60.11	RT	200	30					85091	7	0.002	0.013			
1392+27.48 to 1395+43.62	LT	200	30					84707	7	0.016	0.113			
1392+72.68 to 1393+09.44	RT	200	30					85533	7	0.001	0.009			
1393+40.21 to 1394+62.02	RT	200	30					85070	7	0.002	0.014			
					SUB-TOTAL:				SUB-TOTAL:					
									2.122					

<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS		DATE	DESCRIPTION			STEPHEN D. WILLIAMS, P.E. P.E. LICENSE NUMBER 82274 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES (03)	SHEET NO. SQ-3
REVISIONS															
DATE	DESCRIPTION														
		ROAD NO. COUNTY FINANCIAL PROJECT ID SR 45 MANATEE 444049-1-52-01													

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

**SUMMARY OF LITTER REMOVAL AND MOWING**

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL (CONT'D)				MOWING (CONT'D)				DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1				0107 2					
	STA. TO STA.				AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA			
							AC/CYCLE	TOTAL (AC) P F			AC/CYCLE	TOTAL (AC) P F		
	1394+94.17 to 1395+95.54	RT	200	30					85046	7	0.002	0.012		
	1395+94.59 to 1398+47.97	LT	200	30					85913	7	0.013	0.092		
	1397+63.97 to 1398+16.74	RT	200	30					85546	7	0.003	0.020		
	1398+11.64 to 1398+40.73	RT	200	30					85553	7	0.001	0.008		
	1400+46.40 to 1400+90.11	RT	200	30					85036	7	0.003	0.020		
	1401+19.81 to 1402+29.83	RT	200	30					85576	7	0.009	0.063		
	1402+20.92 to 1402+30.50	LT	200	30					85898	7	0.001	0.005		
	1402+23.78 to 1402+38.21	RT	200	30					85591	7	0.001	0.006		
	1402+24.73 to 1402+57.47	LT	200	30					84718	7	0.002	0.016		
	1402+35.50 to 1402+51.63	LT	200	30					85884	7	0.003	0.019		
	1402+40.79 to 1402+50.31	RT	200	30					85021	7	0.001	0.005		
	1402+98.35 to 1404+21.66	LT	200	30					85867	7	0.010	0.067		
	1403+00.91 to 1403+18.39	LT	200	30					84738	7	0.003	0.018		
	1403+23.39 to 1404+10.27	LT	200	30					84758	7	0.009	0.061		
	1403+23.72 to 1403+49.23	RT	200	30					85005	7	0.003	0.019		
	1403+27.94 to 1403+37.48	RT	200	30					85603	7	0.001	0.004		
	1404+66.40 to 1405+69.31	LT	200	30					85856	7	0.006	0.045		
	1404+73.81 to 1405+56.54	LT	200	30					84766	7	0.008	0.057		
	1406+18.33 to 1406+32.88	LT	200	30					85849	7	0.001	0.008		
	1406+28.38 to 1407+68.91	RT	200	30					84988	7	0.004	0.029		
	1407+11.24 to 1407+31.72	LT	200	30					84776	7	0.001	0.009		
	1408+00.79 to 1409+72.84	RT	200	30					85612	7	0.004	0.031		
	1409+20.12 to 1409+39.71	LT	200	30					84788	7	0.001	0.008		
	1409+53.77 to 1409+94.28	RT	200	30					85632	7	0.002	0.017		
	1410+30.00 to 1412+09.83	RT	200	30					84975	7	0.010	0.067		
	1410+59.08 to 1410+84.39	LT	200	30					85839	7	0.002	0.015		
	1412+37.29 to 1412+60.98	LT	200	30					85828	7	0.002	0.011		
	1412+50.72 to 1414+17.57	RT	200	30					85638	7	0.009	0.060		
	1413+87.72 to 1414+08.28	LT	200	30					85816	7	0.001	0.009		
	1415+91.85 to 1416+09.70	LT	200	30					84796	7	0.004	0.030		
	1416+03.16 to 1416+41.82	RT	200	30					84968	7	0.003	0.020		
	1416+42.50 to 1416+60.16	LT	200	30					85801	7	0.003	0.024		
	1416+48.88 to 1416+64.03	LT	200	30					84808	7	0.001	0.008		
	1419+03.38 to 1419+27.68	LT	200	30					85789	7	0.002	0.012		
	1419+91.27 to 1420+28.61	LT	200	30					84816	7	0.004	0.027		
	1421+23.91 to 1422+80.39	LT	200	30					85778	7	0.010	0.070		
	1423+71.48 to 1425+50.49	LT	200	30					84846	7	0.022	0.155		
	1425+33.61 to 1426+89.10	RT	200	30					85654	7	0.008	0.054		
	1425+80.38 to 1426+33.82	LT	200	30					84830	7	0.008	0.053		
	1427+11.10 to 1427+26.76	RT	200	30					84959	7	0.001	0.008		
	1429+03.13 to 1429+18.98	RT	200	30					85666	7	0.001	0.006		
	1429+11.75 to 1429+11.75	RT	200	30					84918	7	0.004	0.025		
	1429+23.83 to 1429+35.48	RT	200	30					85674	7	0.002	0.015		
	1429+98.26 to 1430+02.79	LT	200	30					84910	7	0.001	0.004		
	1430+11.79 to 1430+54.46	RT	200	30					85749	7	0.005	0.034		
	1430+13.21 to 1431+25.52	LT	200	30					85696	7	0.008	0.057		
	1430+73.75 to 1430+96.72	RT	200	30					84859	7	0.001	0.008		
	1431+36.76 to 1431+51.99	RT	200	30					85744	7	0.001	0.005		
	1431+69.66 to 1432+37.77	RT	200	30					84865	7	0.003	0.019		
	1432+64.87 to 1433+57.46	LT	200	30					84903	7	0.005	0.037		
	1432+65.45 to 1432+96.96	RT	200	30					85738	7	0.001	0.008		
	1433+60.42 to 1434+59.85	RT	200	30					84885	7	0.005	0.032		
	1434+44.14 to 1435+43.91	LT	200	30					85716	7	0.005	0.037		
	1434+75.24 to 1436+20.00	RT	200	30					85727	7	0.007	0.049		
	1435+68.28 to 1436+20.00	LT	200	30					84895	7	0.003	0.020		
	SUB-TOTAL:											1.615		

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				STEPHEN D. WILLIAMS, P.E. P.E. LICENSE NUMBER 82274 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES (04)	SHEET NO. SQ-4
ROAD NO.		COUNTY	FINANCIAL PROJECT ID						
SR 45		MANATEE	444049-1-52-01						

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

**SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS**

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	LENGTH	WIDTH	UNITS	SECONDARY UNITS (IF LUMP SUM)	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.						AREA (AC)	P	F	P	F		
0110 1 1	CLEARING & GRUBBING						LS		1		1		0.42 AC	
		1362+51.65 to 1363+85.83	LT/RT	80754				0.03						
		1376+76.54 to 1378+84.21	LT/RT	80672				0.05						
		1379+13.89 to 1379+91.53	LT/RT	80679				0.02						
		1389+44.20 to 1392+80.03	LT/RT	80690				0.08						
		1395+62.70 to 1396+97.41	LT/RT	80709				0.03						
		1407+08.87 to 1407+93.85	LT/RT	80702				0.02						
		1410+29.80 to 1412+34.21	LT/RT	80765				0.05						
		1416+19.60 to 1417+62.94	LT/RT	80726				0.04						
		1417+68.50 to 1418+21.50	LT/RT	80733				0.01						
		1420+72.62 to 1424+01.88	LT/RT	80744				0.08						
0110 4 10	REMOVAL OF EXISTING CONCRETE PAVEMENT						SY				551			
		1362+54.31 to 1362+93.24	LT/RT	80774					36.8					
		1363+42.14 to 1363+59.13	RT	10162					3.9					
		1363+60.13 to 1363+84.13	RT	10169					5.3					
		1363+85.13 to 1364+09.13	RT	10178					5.3					
		1364+10.13 to 1364+34.13	RT	10187					5.3					
		1364+35.13 to 1364+49.00	RT	10196					3.2					
		1379+19.39 to 1382+36.12	LT/RT	10246					125.4					
		1390+89.25 to 1391+21.51	LT/RT	10203					48.6					
		1403+32.65 to 1403+44.82	RT	60417					2.9					
		1403+45.82 to 1403+69.82	RT	60424					5.3					
		1403+70.82 to 1403+94.82	RT	60433					5.3					
		1403+95.82 to 1404+19.82	RT	60442					5.3					
		1404+20.82 to 1404+44.82	RT	60451					5.3					
		1404+45.82 to 1404+69.82	RT	60460					5.3					
		1404+70.82 to 1404+94.82	RT	60469					5.3					
		1404+95.82 to 1405+19.82	RT	60478					5.3					
		1405+20.82 to 1405+44.82	RT	60487					5.3					
		1405+45.82 to 1405+69.82	RT	60496					5.3					
		1405+70.82 to 1405+94.82	RT	60505					5.3					
		1405+95.82 to 1406+19.82	RT	60514					5.3					
		1406+20.82 to 1406+44.82	RT	60523					5.3					
		1406+45.82 to 1406+69.07	RT	60532					5.3					
		1406+70.82 to 1406+94.07	RT	60539					5.3					
		1411+12.50 to 1411+54.50	LT/RT	10388					61.9					
		1417+74.00 to 1418+16.00	LT/RT	10393					61.9					
		1426+02.49 to 1426+53.93	LT	10499					10.3					
		1426+54.93 to 1426+78.93	LT	10478					5.3					
		1426+79.93 to 1427+03.93	LT	10469					5.3					
		1427+04.93 to 1427+28.93	LT	10459					5.3					
		1427+29.93 to 1427+53.93	LT	10450					5.3					
		1427+54.93 to 1427+78.93	LT	10441					5.3					
		1427+79.93 to 1428+03.93	LT	10432					5.3					
		1428+04.93 to 1428+28.93	LT	10423					5.3					
		1428+29.93 to 1428+53.93	LT	10414					5.3					
		1428+54.93 to 1428+78.93	LT	10405					5.3					
		1428+79.93 to 1429+02.93	LT	10398					5.3					
		1430+23.00 to 1430+30.50	RT	10512					1.8					
		1430+31.50 to 1430+55.50	RT	10519					5.3					
		1430+56.50 to 1430+80.50	RT	10528					5.3					
		1430+81.50 to 1431+05.50	RT	10537					5.3					
		1431+06.50 to 1431+30.50	RT	10546					5.3					
		1431+31.50 to 1431+55.50	RT	10555					5.3					
		1431+56.50 to 1431+80.50	RT	10564					5.3					
		1431+81.50 to 1432+05.50	RT	10573					5.3					
		1432+06.50 to 1432+30.50	RT	10582					5.3					
		1432+31.50 to 1432+55.50	RT	10591					5.3					
		1432+56.50 to 1432+71.00	RT	10600					3.4					

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				STEPHEN D. WILLIAMS, P.E. P.E. LICENSE NUMBER 82274 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES (05)	SHEET NO. SQ-5
ROAD NO.		COUNTY	FINANCIAL PROJECT ID		SR 45		MANATEE		

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



**SUMMARY OF EARTHWORK**

PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0120 6	EMBANKMENT				
	FROM STA. 1362+56.46 TO STA. 1363+85.57	86.1			
	FROM STA. 1376+76.98 TO STA. 1378+83.77	137.9			
	FROM STA. 1389+44.64 TO STA. 1392+79.59	223.3			
	FROM STA. 1395+63.92 TO STA. 1396+97.16	88.8			
	FROM STA. 1410+30.24 TO STA. 1412+33.77	135.7			
	FROM STA. 1416+20.82 TO STA. 1417+62.69	94.6			
	FROM STA. 1420+73.78 TO STA. 1424+01.43	218.4			
	TOTAL EMBANKMENT	984.8			

**SUMMARY OF PAVEMENT**

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	LENGTH	WIDTH	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION						P	F	P	F		
0160 4	TYPE B STABILIZATION							SY			159			
		1362+51.65 to 1362+80.21		RT	81809				7.4					
		1379+13.89 to 1379+91.53		LT/RT	80875				77.4					
		1411+11.06 to 1411+55.93		RT	81816				10.0					
		1417+68.50 to 1418+21.50		LT/RT	80912				64.8					
285709	OPTIONAL BASE, BASE GROUP 09							SY			159			
		1362+51.65 to 1362+80.21		RT	81934				7.4					
		1379+13.89 to 1379+91.53		LT/RT	81912				77.4					
		1411+11.06 to 1411+55.93		RT	81941				10.0					
		1417+68.50 to 1418+21.50		LT/RT	81923				64.8					
0327 70 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH							SY			21821			
		1362+15.97 to 1369+15.23		LT/RT	86855				1489.5					
		1362+15.97 to 1369+15.23		LT	86952				858.8					
		1370+22.15 to 1382+38.60		LT/RT	87043				2222.9					
		1370+22.15 to 1382+38.60		LT/RT	87334				1820.8					
		1383+14.78 to 1402+26.83		LT/RT	87655				3258.1					
		1383+14.78 to 1402+26.83		LT/RT	87895				3048.4					
		1403+28.39 to 1429+06.68		LT/RT	88394				3857.9					
		1403+28.39 to 1429+06.68		LT/RT	89284				4447.2					
		1430+19.57 to 1436+20.00		RT	85236				108.3					
		1430+19.57 to 1436+20.00		LT/RT	85317				708.8					
0334 1 13	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C							TN			22.8			
		1362+51.65 to 1362+80.21		RT	83863				0.4					
		1363+41.48 to 1363+58.94		RT	83931				0.0					
		1363+60.32 to 1363+84.13		RT	83923				0.2					
		1363+85.13 to 1364+09.13		RT	83898				0.3					
		1364+10.13 to 1364+34.13		RT	83907				0.3					
		1364+35.13 to 1364+49.00		RT	83916				0.2					
		1379+13.89 to 1379+91.53		LT/RT	83870				4.3					
		1379+98.38 to 1382+36.12		LT	83936				2.6					
		1403+32.65 to 1403+44.82		RT	83941				0.2					
		1403+45.82 to 1403+69.82		RT	83948				0.3					
		1403+70.82 to 1403+94.82		RT	83957				0.3					
		1403+95.82 to 1404+19.82		RT	83966				0.3					
		1404+20.82 to 1404+44.82		RT	83975				0.3					
		1404+45.82 to 1404+69.82		RT	83984				0.3					
		1404+70.82 to 1404+94.82		RT	83993				0.3					

REVISIONS				STEPHEN D. WILLIAMS, P.E. P.E. LICENSE NUMBER 82274 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES (06)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 45	MANATEE	444049-1-52-01		SQ-6

**SUMMARY OF PAVEMENT**

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	LENGTH	WIDTH	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION						P	F	P	F		
0334 1 13	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C (CONT'D)	1404+95.82 to 1405+19.82		RT	84002				0.3					
		1405+20.82 to 1405+44.82		RT	84011				0.3					
		1405+45.82 to 1405+69.82		RT	84020				0.3					
		1405+70.82 to 1405+94.82		RT	84029				0.3					
		1405+95.82 to 1406+19.82		RT	84038				0.3					
		1406+20.82 to 1406+44.82		RT	84047				0.3					
		1406+45.82 to 1406+69.07		RT	84056				0.3					
		1406+70.82 to 1406+94.07		RT	84063				0.3					
		1411+11.06 to 1411+55.93		RT	83881				0.5					
		1417+68.50 to 1418+21.50		LT/RT	83886				3.6					
		1426+26.23 to 1426+53.93		LT	84070				0.3					
		1426+54.93 to 1426+78.93		LT	84077				0.3					
		1426+79.93 to 1427+03.93		LT	84086				0.3					
		1427+04.93 to 1427+28.93		LT	84095				0.3					
		1427+29.93 to 1427+53.93		LT	84105				0.3					
		1427+54.93 to 1427+78.93		LT	84114				0.3					
		1427+79.93 to 1428+03.93		LT	84123				0.3					
		1428+04.93 to 1428+28.93		LT	84132				0.3					
		1428+29.93 to 1428+53.93		LT	84141				0.3					
		1428+54.93 to 1428+78.93		LT	84150				0.3					
		1428+79.93 to 1429+02.93		LT	84159				0.3					
		1430+23.00 to 1430+30.50		RT	84166				0.1					
		1430+31.50 to 1430+55.50		RT	84173				0.3					
		1430+56.50 to 1430+80.50		RT	84182				0.3					
		1430+81.50 to 1431+05.50		RT	84191				0.3					
		1431+06.50 to 1431+30.50		RT	84200				0.3					
		1431+31.50 to 1431+55.50		RT	84209				0.3					
		1431+56.50 to 1431+80.50		RT	84218				0.3					
		1431+81.50 to 1432+05.50		RT	84227				0.3					
		1432+06.50 to 1432+30.50		RT	84236				0.3					
		1432+31.50 to 1432+55.50		RT	84245				0.3					
		1432+56.50 to 1432+71.00		RT	84254				0.2					
0337 7 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22							TN			1812.3			
		1362+15.97 to 1369+15.23		LT/RT	89943				70.9					
		1362+15.97 to 1369+15.23		RT	91449				123.5					
		1370+22.15 to 1382+38.60		RT	90034				183.4					
		1370+22.15 to 1382+38.60		RT	91544				155.9					
		1383+14.78 to 1402+26.83		RT	90366				268.8					
		1383+14.78 to 1402+26.83		RT	90606				251.5					
		1403+28.39 to 1429+06.68		LT/RT	90843				318.3					
		1403+28.39 to 1429+06.68		LT/RT	92026				372.7					
		1430+19.57 to 1436+20.00		RT	89683				8.9					
		1430+19.57 to 1436+20.00		RT	89764				58.5					

<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					STEPHEN D. WILLIAMS, P.E. P.E. LICENSE NUMBER 82274 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617	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 45</td> <td>MANATEE</td> <td>444049-1-52-01</td> </tr> </table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 45	MANATEE	444049-1-52-01	SUMMARY OF QUANTITIES (07)	SHEET NO. SQ-7
REVISIONS																									
DATE	DESCRIPTION	DATE	DESCRIPTION																						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																							
SR 45	MANATEE	444049-1-52-01																							

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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				LF					3205				
		1362+56.06 to 1363+85.53	LT/RT	84316		269.0			269.0					
		1376+76.84 to 1378+83.91	LT/RT	84326		423.4			423.4					
		1389+44.49 to 1392+79.74	LT/RT	84336		679.7			679.7					
		1395+63.51 to 1396+97.12	LT/RT	84343		277.3			277.3					
		1407+09.17 to 1407+93.04	LT/RT	84354		177.8			177.8					
		1410+30.10 to 1412+33.92	LT/RT	84367		416.9			416.9					
		1416+20.42 to 1417+62.65	LT/RT	84376		294.5			294.5					
		1420+73.40 to 1424+01.58	LT/RT	84386		666.5			666.5					
0520 70	CONCRETE TRAFFIC SEPARATOR, SPECIAL - VARIABLE WIDTH				SY					533				
		1363+89.72 to 1364+12.72	LT	73172		2.6			2.6					
		1364+14.72 to 1364+37.72	LT	73177		2.6			2.6					
		1364+39.72 to 1364+62.72	LT	73182		2.6			2.6					
		1364+64.72 to 1364+87.72	LT	73187		2.6			2.6					
		1364+89.72 to 1365+12.72	LT	73192		2.6			2.6					
		1365+14.72 to 1365+37.72	LT	73197		2.6			2.6					
		1365+39.72 to 1365+62.72	LT	73202		2.6			2.6					
		1365+64.72 to 1365+87.72	LT	73207		2.6			2.6					
		1365+89.72 to 1366+12.72	LT	73212		2.6			2.6					
		1366+14.72 to 1366+37.72	LT	73217		2.6			2.6					
		1366+39.72 to 1366+62.72	LT	73222		2.6			2.6					
		1366+64.72 to 1366+87.72	LT	73227		2.6			2.6					
		1366+89.72 to 1367+12.72	LT	73232		2.6			2.6					
		1367+14.72 to 1367+37.72	LT	73237		2.6			2.6					
		1367+39.72 to 1367+62.72	LT	73242		2.6			2.6					
		1367+64.72 to 1367+87.72	LT	73247		2.6			2.6					
		1367+89.72 to 1368+12.72	LT	73252		2.6			2.6					
		1368+14.72 to 1368+37.72	LT	73257		2.6			2.6					
		1368+39.72 to 1368+62.72	LT	73262		2.6			2.6					
		1368+64.72 to 1368+87.72	LT	73267		2.6			2.6					
		1368+89.72 to 1369+12.72	LT	73272		2.6			2.6					
		1370+24.65 to 1370+47.65	RT	73278		2.6			2.6					
		1370+49.64 to 1370+72.64	RT	73283		2.6			2.6					
		1370+74.64 to 1370+97.64	RT	73288		2.6			2.6					
		1370+99.64 to 1371+22.64	RT	73293		2.6			2.6					
		1371+24.64 to 1371+47.64	RT	73298		2.6			2.6					
		1371+49.64 to 1371+72.64	RT	73303		2.6			2.6					
		1371+74.64 to 1371+97.64	RT	73308		2.6			2.6					
		1371+99.64 to 1372+22.64	RT	73313		2.6			2.6					
		1372+24.64 to 1372+47.64	RT	73318		2.6			2.6					
		1372+49.64 to 1372+72.64	RT	73323		2.6			2.6					
		1372+74.64 to 1372+97.64	RT	73328		2.6			2.6					
		1372+99.64 to 1373+22.64	RT	73333		2.6			2.6					
		1373+24.64 to 1373+47.64	RT	73338		2.6			2.6					
		1373+49.64 to 1373+72.64	RT	73343		2.6			2.6					
		1373+74.64 to 1373+97.64	RT	73348		2.6			2.6					
		1373+99.64 to 1374+22.64	RT	73353		2.6			2.6					
		1374+24.64 to 1374+47.64	RT	73358		2.6			2.6					
		1374+49.64 to 1374+72.64	RT	73363		2.6			2.6					
		1374+74.64 to 1374+97.64	RT	73368		2.6			2.6					
		1374+99.64 to 1375+22.64	RT	73373		2.6			2.6					
		1375+24.64 to 1375+47.64	RT	73378		2.6			2.6					

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				STEPHEN D. WILLIAMS, P.E. P.E. LICENSE NUMBER 82274 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES (08)	SHEET NO. SQ-8
ROAD NO.		COUNTY			FINANCIAL PROJECT ID				
SR 45		MANATEE		444049-1-52-01					

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

**SUMMARY OF 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 70	CONCRETE TRAFFIC SEPARATOR, SPECIAL - VARIABLE WIDTH (CONT'D)	1375+49.64 to 1375+72.64		RT	73383	SY	2.6			2.6					
		1375+74.64 to 1375+97.64		RT	73388		2.6			2.6					
		1375+99.64 to 1376+22.64		RT	73393		2.6			2.6					
		1376+24.64 to 1376+47.64		RT	73398		2.6			2.6					
		1376+49.64 to 1376+72.64		RT	73403		2.6			2.6					
		1378+88.10 to 1379+11.10		LT	73408		2.6			2.6					
		1379+13.10 to 1379+36.10		LT	73413		2.6			2.6					
		1379+38.10 to 1379+61.10		LT	73423		2.6			2.6					
		1379+63.10 to 1379+86.10		LT	73418		2.6			2.6					
		1379+88.10 to 1380+11.10		LT	73428		2.6			2.6					
		1380+13.10 to 1380+36.10		LT	73433		2.6			2.6					
		1380+38.10 to 1380+61.10		LT	73438		2.6			2.6					
		1380+63.10 to 1380+86.10		LT	73443		2.6			2.6					
		1380+88.10 to 1381+11.10		LT	73448		2.6			2.6					
		1381+13.10 to 1381+36.10		LT	73453		2.6			2.6					
		1381+38.10 to 1381+61.10		LT	73458		2.6			2.6					
		1381+63.10 to 1381+86.10		LT	73463		2.6			2.6					
		1381+88.10 to 1382+11.10		LT	73468		2.6			2.6					
		1382+13.10 to 1382+36.10		LT	73473		2.6			2.6					
		1383+17.32 to 1383+40.32		RT	72436		2.6			2.6					
		1383+17.32 to 1383+40.32		RT	73482		2.6			2.6					
		1383+42.32 to 1383+65.32		RT	73495		2.6			2.6					
		1383+67.32 to 1383+90.32		RT	73501		2.6			2.6					
		1383+92.32 to 1384+15.32		RT	73507		2.6			2.6					
		1384+17.32 to 1384+40.32		RT	73513		2.6			2.6					
		1384+42.32 to 1384+65.32		RT	73519		2.6			2.6					
		1384+67.32 to 1384+90.32		RT	73525		2.6			2.6					
		1384+92.32 to 1385+15.32		RT	73530		2.6			2.6					
		1385+17.32 to 1385+40.32		RT	73535		2.6			2.6					
		1385+42.32 to 1385+65.32		RT	73540		2.6			2.6					
		1385+67.32 to 1385+90.32		RT	73546		2.6			2.6					
		1385+92.32 to 1386+15.32		RT	73551		2.6			2.6					
		1386+17.32 to 1386+40.32		RT	73557		2.6			2.6					
		1386+42.32 to 1386+65.32		RT	73563		2.6			2.6					
		1386+67.32 to 1386+90.32		RT	73569		2.6			2.6					
		1386+92.32 to 1387+15.32		RT	73574		2.6			2.6					
		1387+17.32 to 1387+40.32		RT	73579		2.6			2.6					
		1387+42.32 to 1387+65.32		RT	73585		2.6			2.6					
		1387+67.32 to 1387+90.32		RT	73591		2.6			2.6					
		1387+92.32 to 1388+15.32		RT	73597		2.6			2.6					
		1388+17.32 to 1388+40.32		RT	73602		2.6			2.6					
		1388+42.32 to 1388+65.32		RT	73608		2.6			2.6					
		1388+67.32 to 1388+90.32		RT	73614		2.6			2.6					
		1388+92.32 to 1389+15.32		RT	73620		2.6			2.6					
		1389+17.32 to 1389+40.32		RT	73626		2.6			2.6					
		1392+83.94 to 1393+06.94		LT	73631		2.6			2.6					
		1393+08.94 to 1393+31.94		LT	73636		2.6			2.6					
		1393+33.94 to 1393+56.94		LT	73641		2.6			2.6					
		1393+58.94 to 1393+81.94		LT	73646		2.6			2.6					
		1393+83.94 to 1394+06.94		LT	73651		2.6			2.6					

<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					STEPHEN D. WILLIAMS, P.E. P.E. LICENSE NUMBER 82274 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617	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 45</td> <td>MANATEE</td> <td>444049-1-52-01</td> </tr> </table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 45	MANATEE	444049-1-52-01	SUMMARY OF QUANTITIES (09)	SHEET NO. SQ-9
REVISIONS																									
DATE	DESCRIPTION	DATE	DESCRIPTION																						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																							
SR 45	MANATEE	444049-1-52-01																							

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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 70	CONCRETE TRAFFIC SEPARATOR, SPECIAL - VARIABLE WIDTH (CONT'D)	1394+08.94 to 1394+31.94	LT	73656	SY	2.6			2.6					
		1394+33.94 to 1394+56.94	LT	73661		2.6			2.6					
		1394+58.94 to 1394+81.94	LT	73666		2.6			2.6					
		1394+83.94 to 1395+06.94	LT	73671		2.6			2.6					
		1395+08.94 to 1395+31.94	LT	73676		2.6			2.6					
		1397+01.31 to 1397+24.31	LT	73681		2.6			2.6					
		1397+26.33 to 1397+49.33	LT	73686		2.6			2.6					
		1397+51.33 to 1397+74.33	LT	73691		2.6			2.6					
		1397+76.33 to 1397+99.33	LT	73696		2.6			2.6					
		1398+01.33 to 1398+24.33	LT	73701		2.6			2.6					
		1398+26.33 to 1398+49.33	LT	73706		2.6			2.6					
		1398+51.33 to 1398+74.33	LT	73711		2.6			2.6					
		1398+76.33 to 1398+99.33	LT	73716		2.6			2.6					
		1399+01.33 to 1399+24.33	LT	73721		2.6			2.6					
		1399+26.33 to 1399+49.33	LT	73726		2.6			2.6					
		1399+51.33 to 1399+74.33	LT	73731		2.6			2.6					
		1399+76.33 to 1399+99.33	LT	73736		2.6			2.6					
		1400+01.33 to 1400+24.33	LT	73741		2.6			2.6					
		1400+26.33 to 1400+49.33	LT	73746		2.6			2.6					
		1400+51.33 to 1400+74.33	LT	73751		2.6			2.6					
		1400+76.33 to 1400+99.33	LT	73756		2.6			2.6					
		1401+01.33 to 1401+24.33	LT	73761		2.6			2.6					
		1401+26.33 to 1401+49.33	LT	73766		2.6			2.6					
		1401+51.33 to 1401+74.33	LT	73771		2.6			2.6					
		1401+76.33 to 1401+99.33	LT	73776		2.6			2.6					
		1402+01.33 to 1402+24.33	LT	73781		2.6			2.6					
		1403+31.98 to 1403+54.98	RT	73786		2.6			2.6					
		1403+56.98 to 1403+79.98	RT	73791		2.6			2.6					
		1403+81.98 to 1404+04.98	RT	73796		2.6			2.6					
		1404+06.98 to 1404+29.98	RT	73801		2.6			2.6					
		1404+31.98 to 1404+54.98	RT	73806		2.6			2.6					
		1404+56.98 to 1404+79.98	RT	73811		2.6			2.6					
		1404+81.98 to 1405+04.98	RT	73816		2.6			2.6					
		1405+06.98 to 1405+29.98	RT	73821		2.6			2.6					
		1405+31.98 to 1405+54.98	RT	73826		2.6			2.6					
		1405+56.98 to 1405+79.98	RT	73831		2.6			2.6					
		1405+81.98 to 1406+04.98	RT	73836		2.6			2.6					
		1406+06.98 to 1406+29.98	RT	73841		2.6			2.6					
		1406+31.98 to 1406+54.98	RT	73846		2.6			2.6					
		1406+56.98 to 1406+79.98	RT	73851		2.6			2.6					
		1406+81.98 to 1407+04.98	RT	73856		2.6			2.6					
		1408+27.92 to 1408+50.92	RT	73861		2.6			2.6					
		1408+52.92 to 1408+75.92	RT	73866		2.6			2.6					
		1408+77.92 to 1409+00.92	RT	73871		2.6			2.6					
		1409+02.92 to 1409+25.92	RT	73876		2.6			2.6					
		1409+27.92 to 1409+50.92	RT	73881		2.6			2.6					
		1409+52.92 to 1409+75.92	RT	73886		2.6			2.6					
		1409+77.92 to 1410+00.92	RT	73891		2.6			2.6					
		1410+02.92 to 1410+25.92	RT	73896		2.6			2.6					
		1412+38.12 to 1412+61.12	LT	73901		2.6			2.6					

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REVISIONS																									
DATE	DESCRIPTION	DATE	DESCRIPTION																						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																							
SR 45	MANATEE	444049-1-52-01																							

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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 70	CONCRETE TRAFFIC SEPARATOR, SPECIAL - VARIABLE WIDTH (CONT'D)	1412+63.12 to 1412+86.12	LT	73906	SY	2.6			2.6					
		1412+88.12 to 1413+11.12	LT	73911		2.6			2.6					
		1413+13.12 to 1413+36.12	LT	73916		2.6			2.6					
		1413+38.12 to 1413+61.12	LT	73921		2.6			2.6					
		1413+63.12 to 1413+86.12	LT	73926		2.6			2.6					
		1413+88.12 to 1414+11.12	LT	73931		2.6			2.6					
		1414+13.12 to 1414+36.12	LT	73936		2.6			2.6					
		1414+38.12 to 1414+61.12	LT	73941		2.6			2.6					
		1414+63.12 to 1414+86.12	LT	73946		2.6			2.6					
		1414+88.12 to 1415+11.12	LT	73951		2.6			2.6					
		1415+13.12 to 1415+36.12	LT	73956		2.6			2.6					
		1415+38.12 to 1415+61.12	LT	73961		2.6			2.6					
		1415+63.12 to 1415+86.12	LT	73966		2.6			2.6					
		1417+66.84 to 1417+89.84	LT	73971		2.6			2.6					
		1417+91.84 to 1418+14.84	LT	73976		2.6			2.6					
		1418+16.84 to 1418+39.84	LT	73981		2.6			2.6					
		1418+41.84 to 1418+64.84	LT	73986		2.6			2.6					
		1418+66.84 to 1418+89.84	LT	73996		2.6			2.6					
		1418+91.84 to 1419+14.84	LT	73991		2.6			2.6					
		1419+16.84 to 1419+39.84	LT	74001		2.6			2.6					
		1419+41.84 to 1419+64.84	LT	74006		2.6			2.6					
		1419+66.84 to 1419+89.84	LT	74011		2.6			2.6					
		1419+91.84 to 1420+14.84	LT	74016		2.6			2.6					
		1420+16.84 to 1420+39.84	LT	74021		2.6			2.6					
		1424+06.18 to 1424+29.18	LT	77506		2.6			2.6					
		1424+31.18 to 1424+54.18	LT	74026		2.6			2.6					
		1424+56.18 to 1424+79.18	LT	74031		2.6			2.6					
		1424+81.18 to 1425+04.18	LT	74036		2.6			2.6					
		1425+06.18 to 1425+29.18	LT	74041		2.6			2.6					
		1425+31.18 to 1425+54.18	LT	74046		2.6			2.6					
		1425+56.18 to 1425+79.18	LT	74051		2.6			2.6					
		1425+81.18 to 1426+04.18	LT	74056		2.6			2.6					
		1426+06.18 to 1426+29.18	LT	74061		2.6			2.6					
		1426+31.18 to 1426+54.18	LT	74066		2.6			2.6					
		1426+56.18 to 1426+79.18	LT	74071		2.6			2.6					
		1426+81.18 to 1427+04.18	LT	74076		2.6			2.6					
		1427+06.18 to 1427+29.18	LT	74081		2.6			2.6					
		1427+31.18 to 1427+54.18	LT	74086		2.6			2.6					
		1427+56.18 to 1427+79.18	LT	74096		2.6			2.6					
		1427+81.18 to 1428+04.18	LT	74101		2.6			2.6					
		1428+06.18 to 1428+29.18	LT	74106		2.6			2.6					
		1428+31.18 to 1428+54.18	LT	74111		2.6			2.6					
		1428+56.18 to 1428+79.18	LT	74116		2.6			2.6					
		1428+81.18 to 1429+04.18	LT	74121		2.6			2.6					
		1430+22.07 to 1430+45.07	RT	74126		2.6			2.6					
		1430+47.07 to 1430+70.07	RT	74131		2.6			2.6					
		1430+72.07 to 1430+95.07	RT	74136		2.6			2.6					
		1430+97.07 to 1431+20.07	RT	74141		2.6			2.6					
		1431+22.07 to 1431+45.07	RT	74146		2.6			2.6					
		1431+47.07 to 1431+70.07	RT	74151		2.6			2.6					

<p align="center"><b>REVISIONS</b></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>STEPHEN D. WILLIAMS, P.E. P.E. LICENSE NUMBER 82274 SCALAR CONSULTING GROUP INC. 13337 N. 56TH STREET TAMPA, FLORIDA 33617</p>	<p align="center"><b>STATE OF FLORIDA</b> <b>DEPARTMENT OF TRANSPORTATION</b></p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>SR 45</td> <td>MANATEE</td> <td>444049-1-52-01</td> </tr> </tbody> </table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 45	MANATEE	444049-1-52-01	<p align="center"><b>SUMMARY OF QUANTITIES (11)</b></p>	<p align="center">SHEET NO. SQ-11</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																			
SR 45	MANATEE	444049-1-52-01																			

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

**SUMMARY OF 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 70	CONCRETE TRAFFIC SEPARATOR, SPECIAL - VARIABLE WIDTH (CONT'D)	1431+72.07 to 1431+95.07		RT	74156	SY	2.6			2.6					
		1431+97.07 to 1432+20.07		RT	74161		2.6			2.6					
		1432+22.07 to 1432+45.07		RT	74166		2.6			2.6					
		1432+47.07 to 1432+70.07		RT	74171		2.6			2.6					
		1432+72.07 to 1432+95.07		RT	74176		2.6			2.6					
		1432+97.07 to 1433+20.07		RT	74181		2.6			2.6					
		1433+22.07 to 1433+45.07		RT	74186		2.6			2.6					
		1433+47.07 to 1433+70.07		RT	74191		2.6			2.6					
		1433+72.07 to 1433+95.07		RT	74196		2.6			2.6					
		1433+97.07 to 1434+20.07		RT	74201		2.6			2.6					
		1434+22.07 to 1434+45.07		RT	74206		2.6			2.6					
		1434+47.07 to 1434+70.07		RT	74211		2.6			2.6					
		1434+72.07 to 1434+95.07		RT	74216		2.6			2.6					

**SUMMARY OF SIDEWALK & DETECTABLE WARNINGS**

LOCATION	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 6"		DESIGN NOTES	CONSTRUCTION REMARKS
					0522 2			
					SY			
STA. TO STA.					P	F		
1407+09.32 to 1407+92.64	LT/RT	84307			52.0			
SUB-TOTAL:					52.0			
TOTAL:					52			

**SUMMARY OF PERFORMANCE TURF**

LOCATION	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
					0570 1 2			
					SY			
STA. TO STA.					P	F		
1362+56.46 to 1363+85.57	LT/RT	84276			84.9			
1376+76.98 to 1378+83.77	LT/RT	80089			135.5			
1389+44.64 to 1392+79.59	LT/RT	80096			228.0			
1395+63.92 to 1396+97.16	LT/RT	84286			87.9			
1410+30.24 to 1412+33.77	LT/RT	80101			133.2			
1416+20.82 to 1417+62.69	LT/RT	84297			94.1			
1420+73.78 to 1424+01.43	LT/RT	80108			228.4			
SUB-TOTAL:					992.1			
TOTAL:					992			

**REVISIONS**

DATE	DESCRIPTION	DATE	DESCRIPTION

STEPHEN D. WILLIAMS, P.E.  
P.E. LICENSE NUMBER 82274  
SCALAR CONSULTING GROUP INC.  
13337 N. 56TH STREET  
TAMPA, FLORIDA 33617

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 45	MANATEE	444049-1-52-01

**SUMMARY OF QUANTITIES (12)**

SHEET NO.

SQ-12