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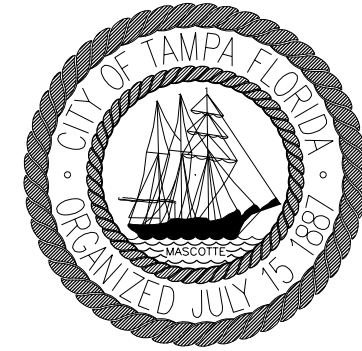
Please Let Us Know If You Plan To Bid

City of Tampa
Contract Administration Department
306 E. Jackson St. #280A4N
Tampa, FL 33602
(813)274-8456

CITY OF TAMPA
DEPARTMENT OF TRANSPORTATION
AND STORMWATER

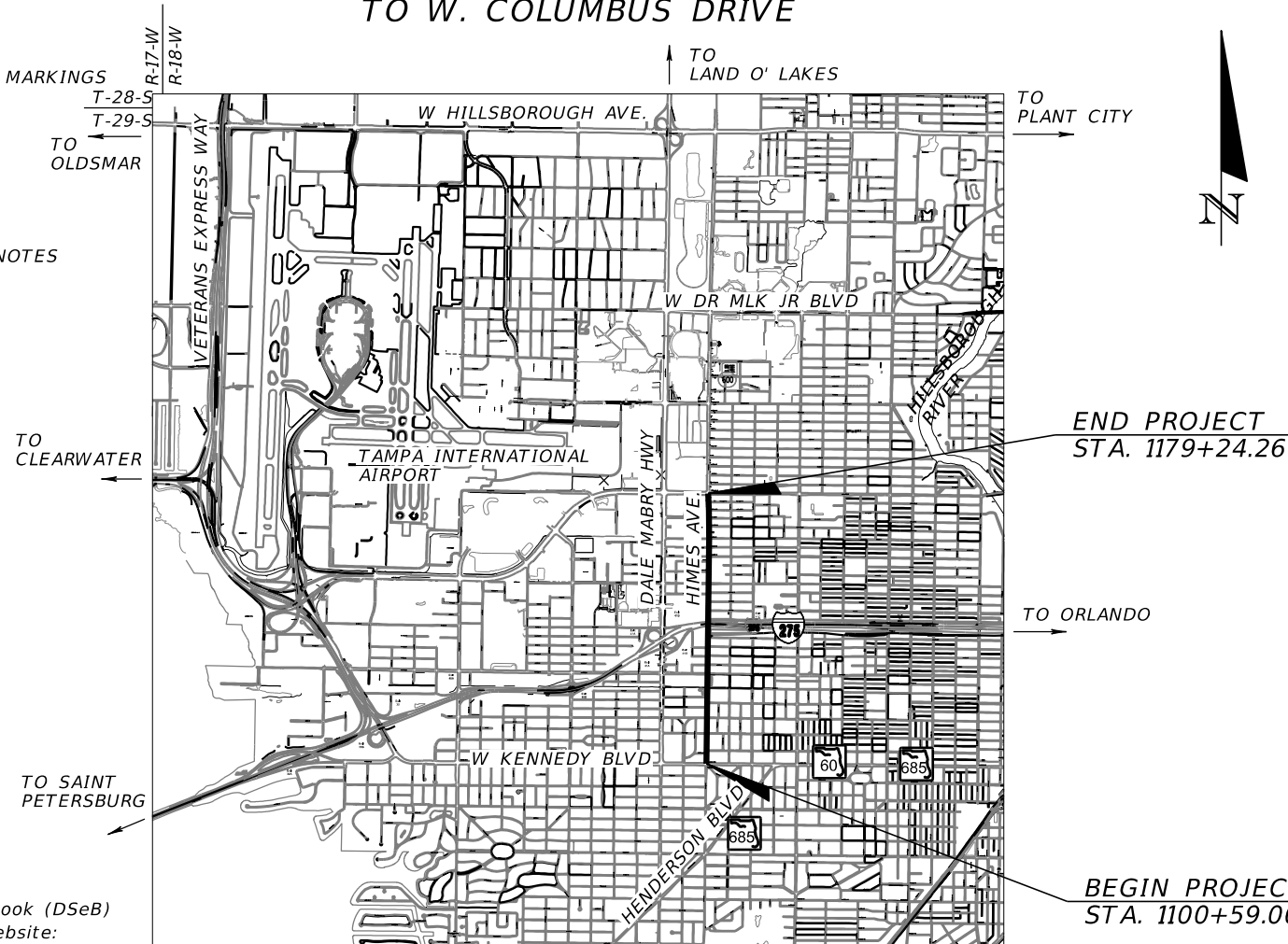
CONTRACT PLANS

CITY OF TAMPA PROJECT ID (TO BE DETERMINED)
FDOT FINANCIAL PROJECT ID 437647-1-58-01
(FEDERAL FUNDS)
HILLSBOROUGH COUNTY (10000031) HIMES AVENUE
FROM KENNEDY BLVD. (SR 60)
TO W. COLUMBUS DRIVE



INDEX OF ROADWAY PLANS

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GOVERNING DESIGN STANDARDS:

Florida Department of Transportation, FY2017-18 Design Standards eBook (DSeB) and applicable Design Standards Revisions (DSRs) at the following website: <http://www.dot.state.fl.us/rddesign/DesignStandards/Standards.shtm>

GOVERNING STANDARD SPECIFICATIONS:

Divisions II and III of the Florida Department of Transportation, July 2017 Standard Specifications for Road and Bridge Construction at the following website: <http://www.dot.state.fl.us/programmanagement/Implemented/SpecBooks>, as amended by Contract Documents.

For the City of Tampa Stormwater Standards, click on the "Stormwater Standard Details" link at the following web site: <http://www.tampagov.net/stormwater/info/document-library>

REVISIONS:

KEY SHEET REVISIONS	
DATE	DESCRIPTION

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

ROADWAY PLANS

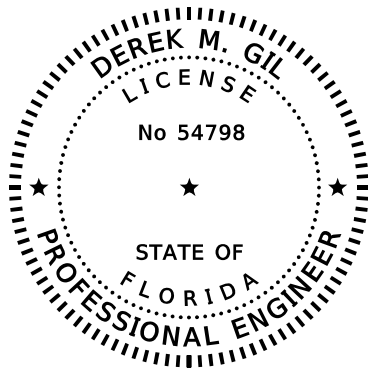
ENGINEER OF RECORD:

DEREK M. GIL, P.E.
P.E. NO.: 54798
ELEMENT ENGINEERING GROUP
1713 E. 9th AVENUE
TAMPA, FL 33605
PHONE: 813.386.2101
TOLL FREE: 888.603.1942
FAX: 813.386.2106
VENDOR NO. 56-2565488
CERTIFICATE OF AUTHORIZATION: 26921

CITY PROJECT MANAGER:

JAE-SANG LEE

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	18	1



THIS DOCUMENT HAS BEEN DIGITALLY
SIGNED AND SEALED BY:

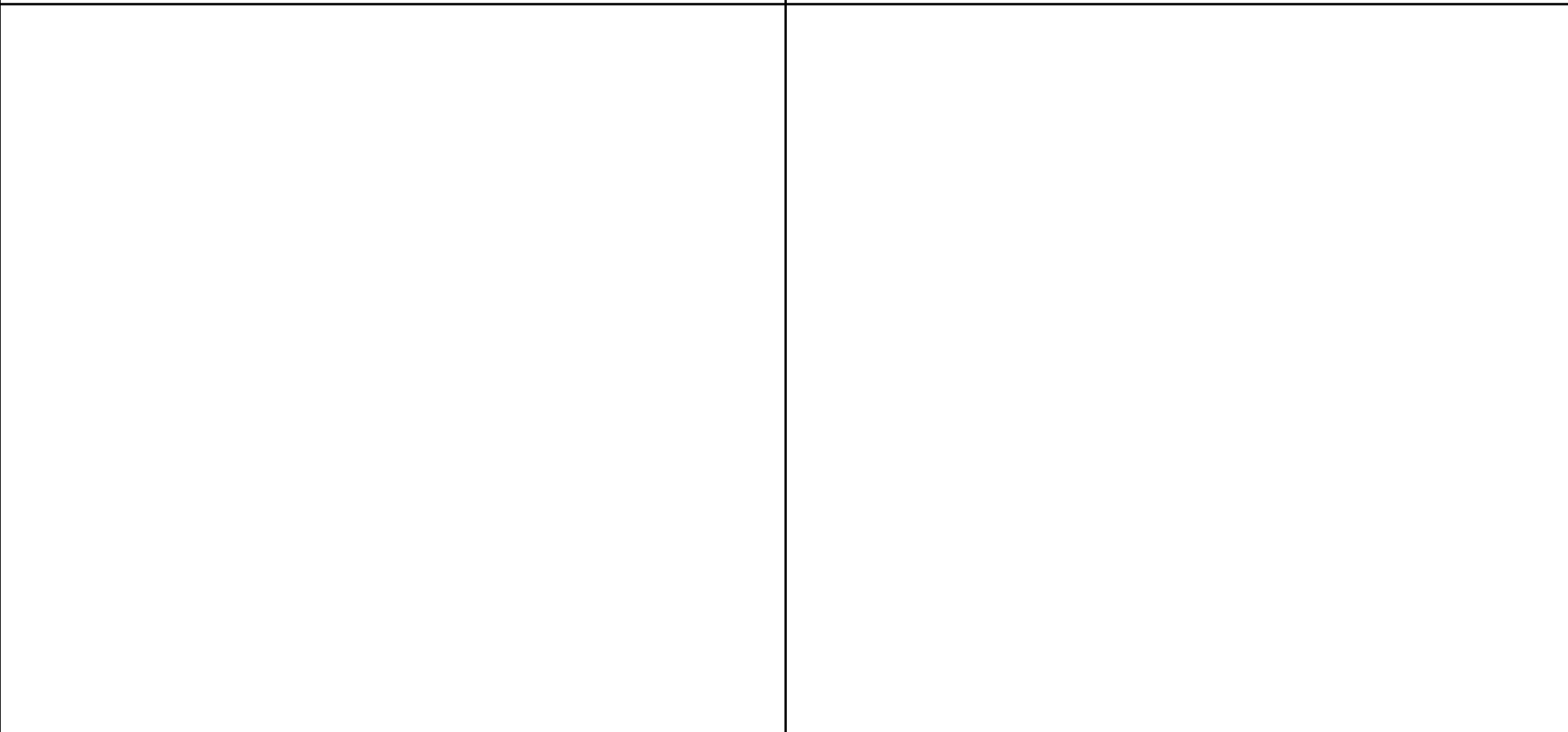
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ON THE ELECTRONIC DOCUMENTS.

ELEMENT ENGINEERING GROUP
1713 E. 9th AVENUE
TAMPA, FL 33605
CERTIFICATE OF AUTHORIZATION: 26921
DEREK M. GIL, P.E. NO. 54798

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

ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
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3	SUMMARY OF PAY ITEMS
4	TYPICAL SECTION
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SQ-1 - SQ-15	SUMMARY OF QUANTITIES
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51 - 55	SIGNALIZATION PLAN



REVISIONS				DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		2
					NA	HILLSBOROUGH	437647-1-58-01		

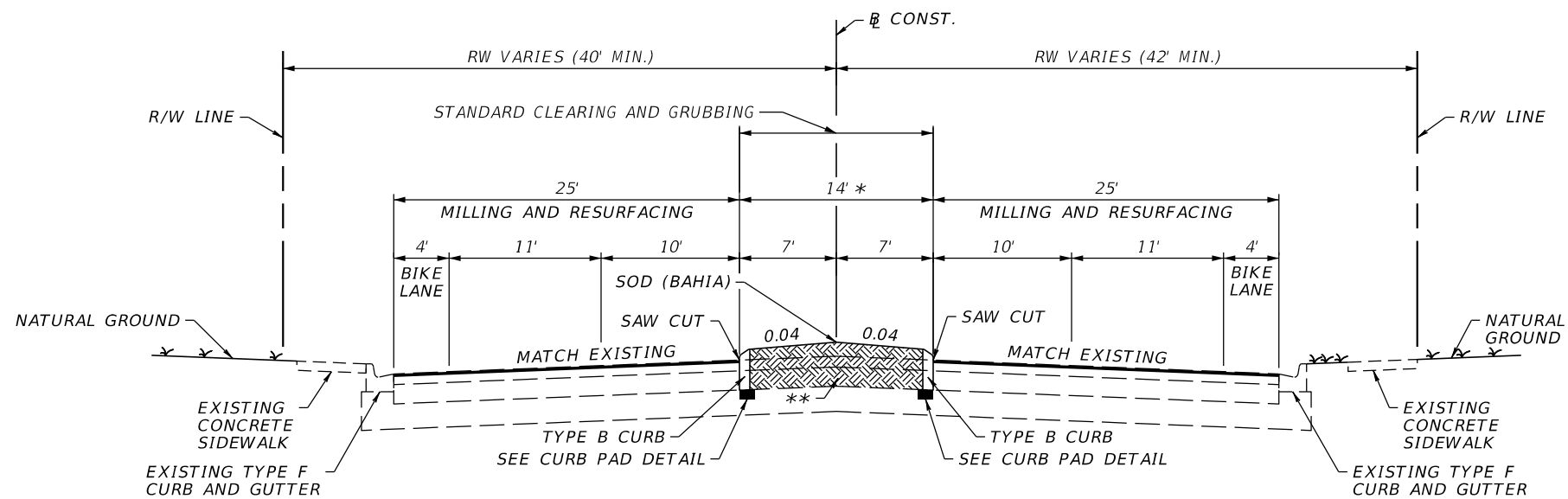
PAY ITEMS				
SUMMARY OF ROADWAY				
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	FA PARTICIPATING	TOTAL
0101 1	MOBILIZATION	LS	1	1
0102 1	MAINTENANCE OF TRAFFIC	LS	1	1
0102107 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE OF INTERSECTION	ED	750	750
0104 18	INLET PROTECTION SYSTEM	EA	105	105
0110 1 1	CLEARING AND GRUBBING (0.21 AC)	LS	1	1
0110 4 10	REMOVAL OF EXISTING CONCRETE	SY	970	970
0110 7 1	MAILBOX, F&I SINGLE	EA	1	1
120 6	EMBANKMENT	CY	1088	1088
0120 71	REGULAR EXCAVATION (3-R PROJECTS ONLY) (767 CY)	LS	1	1
0160 4	TYPE B STABILIZATION	SY	377	377
0162 1 12	PREPARED SOIL LAYER	SY	3095	3095
0285709	OPTIONAL BASE, BASE GROUP 09	SY	195	195
0327 70 1	MILLING EXIST. ASPH. PAVT. 1" AVG DEPTH	SY	55689	55689
0334 1 52	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, PG76-22	TN	21.50	21.50
0337 7 80	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-9.5, PG 76-22	TN	2965.3	2965.3
0339 1	MISCELLANEOUS ASPHALT PAVEMENT	TN	3.7	3.7
0425 5	MANHOLE, ADJUST	EA	46	46
0425 5 1	MANHOLE, ADJUST, UTILITIES	EA	43	43
0425 6	VALVE BOXES, ADJUST	EA	32	32
0425 1355	INLETS, CURB, TYPE P-5, PARTIAL	EA	1	1
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF	621	621
0520 2 1	CONCRETE CURB, TYPE A	LF	487	487
0520 2 2	CONCRETE CURB, TYPE B	LF	4810	4810
0520 70	CONCRETE TRAFFIC SEPARATOR, SPECIAL-VARIABLE WIDTH	SY	1566	1566
0522 1	CONCRETE SIDEWALK, 4" THICK	SY	348	348
0522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	22	22
0523 1	PATTERNED PAVEMENT, VEHICULAR AREAS	SY	371	371
0527 2	DETECTABLE WARNINGS	SF	139	139
0570 1 2	PERFORMANCE TURF (SOD)	SY	3061	3061

PAY ITEMS				
SUMMARY OF SIGNING AND PAVEMENT MARKINGS				
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	FA PARTICIPATING	TOTAL
0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	113	113
0700 1 50	SINGLE POST SIGN, RELOCATE	AS	2	2
0700 1 60	SINGLE POST SIGN, REMOVE	AS	30	30
0700 3601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	34	34
0705 11 3	DELINEATOR, FLEXIBLE HIGH VISABILITY MEDIAN	EA	37	37
0710 90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1	1
0710 11290	PAINTED PAVEMENT MARKINGS, YELLOW, ISLAND NOSE	SF	99	99
0711 11123	THERMO., STD., WHITE, SOLID, CROSSWALK/RA, 12"	LF	1456	1456
0711 11125	THERMO., STD., WHITE, SOLID, STOP LINE, 24"	LF	502	502
0711 11141	THERMO., STD., WHITE, DOTTED EXT., 6" (2/4)(6/10)	GM	0.775	0.775
0711 11160	THERMO., STD., WHITE, MESSAGE (ONLY)	EA	7	7
0711 11170	THERMO., STD., WHITE, ARROWS	EA	72	72
0711 11224	THERMO., STD., YELLOW, SOLID, DIAG./CHEVRONS, 18"	LF	30	30
0711 11241	THERMO., STD., YELLOW, GUIDE LINE, 6" (2/4)	GM	0.099	0.099
0711 14125	THERMO., PREFORMED, WHITE, SOLID, 24"	LF	1295	1295
0711 14160	THERMO., PREFORMED, WHITE, MESSAGE OR SYMBOL (BIKE)	EA	52	52
0711 14170	THERMO., PREFORMED, WHITE, ARROWS (BIKE THRU)	EA	52	52
0711 16101	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SOLID, 6"	GM	2.966	2.966
0711 16102	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SOLID, 8"	GM	0.636	0.636
0711 16131	THERMO., STD. - OTHER, WHITE, SKIP, 6" (10/30)	GM	2.608	2.608
0711 16133	THERMO., STD. - OTHER, WHITE, SKIP/DOTTED, 12" (3/9) LANE DROP	GM	0.030	0.030
0711 16201	THERMO., STD. - OTHER, YELLOW, SOLID, 6"	GM	3.138	3.138
0711 16202	THERMO., STD. - OTHER, YELLOW, SOLID, 8"	GM	0.010	0.010

PAY ITEMS				
SUMMARY OF SIGNALIZATION				
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	FA PARTICIPATING	TOTAL
630-2-12	CONDUIT (F&I) (DIRECTIONAL BORE)	LF	305	305
632-7-2	SIGNAL CABLE (REPAIR/REPLACE/OTHER) (F&I)	LF	741	741
635-2-11	PULL & SPLICE BOX (F&I) (13" X 24")	EA	8	8
646-1-40	ALUMINUM SIGNALS POLE (RELOCATE)	EA	1	1
650-1-70	TRAFFIC SIGNAL, RELOCATE- INCLUDES REMOVAL AND REINSTALLATION	AS	13	13
650-2-102	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE /RETROFIT- FURNISH & INSTALL, BACKPLATE- BLACK WITH REFLECT BORDER	EA	10	10
660-2-101	LOOP ASSEMBLY (F&I) (TYPE A)	AS	2	2
660-2-106	LOOP ASSEMBLY (F&I) (TYPE F)	AS	5	5
660-3-51	VEHICLE DETECTION SYSTEM (MICROWAVE) (ADJUST & MODIFY) (CABINET EQUIPMENT)	EA	1	1
670-5-400	TRAFFIC CONTROLLER ASSEMBLY (MODIFY)	AS	3	3

<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					DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>NA</td> <td>HILLSBOROUGH</td> <td>437647-1-58-01</td> </tr> </tbody> </table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	NA	HILLSBOROUGH	437647-1-58-01	SHEET NO. 3
REVISIONS																								
DATE	DESCRIPTION	DATE	DESCRIPTION																					
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																						
NA	HILLSBOROUGH	437647-1-58-01																						

SUMMARY OF PAY ITEMS



**TYPICAL SECTION
HIMES AVENUE
STA. 1100+59.00 TO STA. 1179+24.26**

MILLING

MILL EXISTING ASPHALT (1")

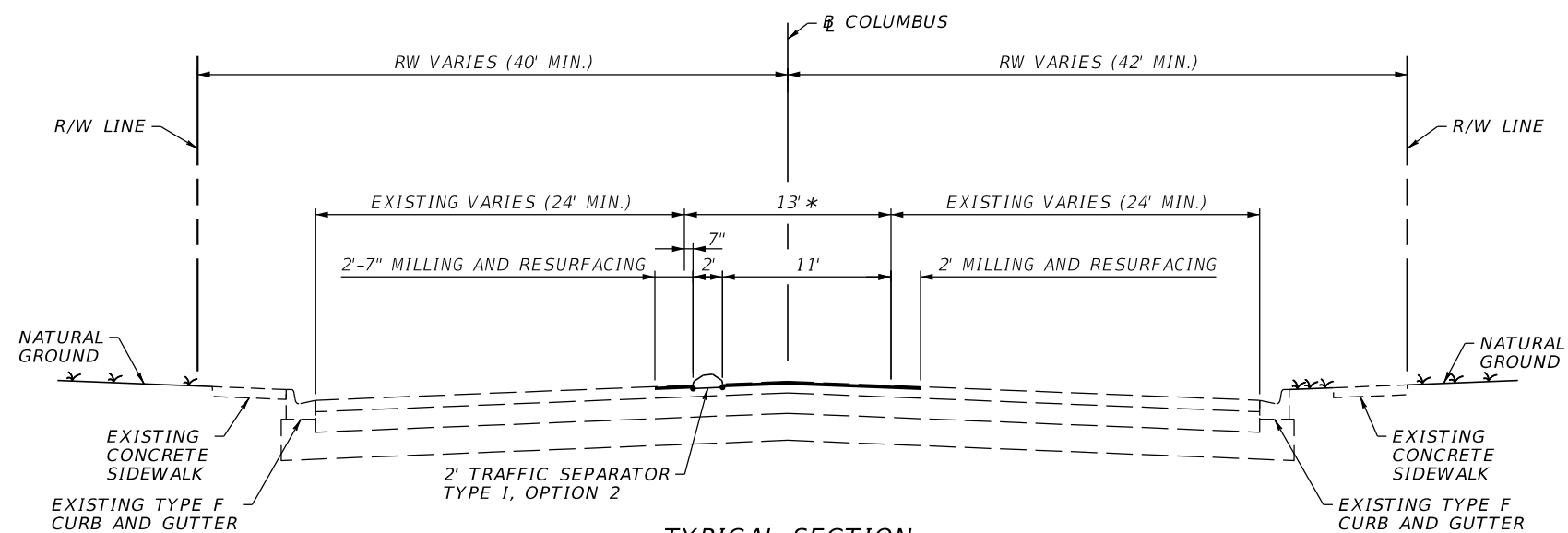
RESURFACING

FRICION COURSE FC-9.5 (TRAFFIC B) (1") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 2007 AADT = 26257
(KENNEDY TO CYPRESS, SPRUCE TO COLUMBUS)
DESIGN SPEED = 40 MPH
POSTED SPEED = 40 MPH
(CYPRESS TO SPRUCE)
DESIGN SPEED = 35 MPH
POSTED SPEED = 35 MPH

- * - SEE DETAIL 1 FOR TRAFFIC SEPARATOR TREATMENT
- ** - SAWCUT AND REMOVE EXIST. PAVT. & BASE. REPLACE WITH 18" MIN. CLEAN TOP SOIL (TYP.)



**TYPICAL SECTION
W. COLUMBUS DRIVE
STA. 15+42.60 TO STA. 28+00.00**

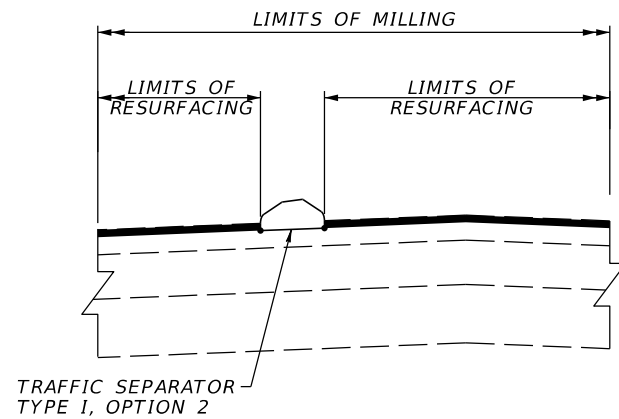
MILLING

MILL EXISTING ASPHALT (1")

RESURFACING

FRICION COURSE FC-9.5 (TRAFFIC B) (1") (PG 76-22)

REVISIONS				DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			SHEET NO. 4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					NA	HILLSBOROUGH	437647-1-58-01	



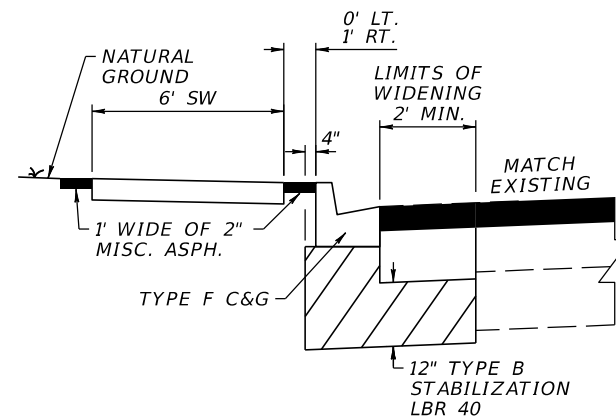
DETAIL 1
MILLING AND RESURFACING LIMITS

MILLING

MILL EXISTING ASPHALT (1")

RESURFACING

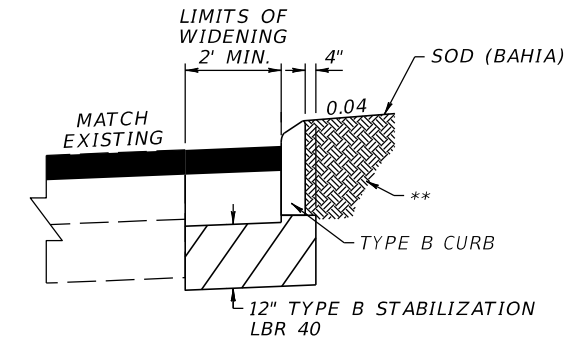
FRICION COURSE FC-9.5 (TRAFFIC B) (1") (PG 76-22)



DETAIL 2
OUTSIDE WIDENING
STA. 1138+86.34 TO STA. 1142+96.74 LT.
STA. 1138+64.86 TO STA. 1139+79.65 RT.

WIDENING

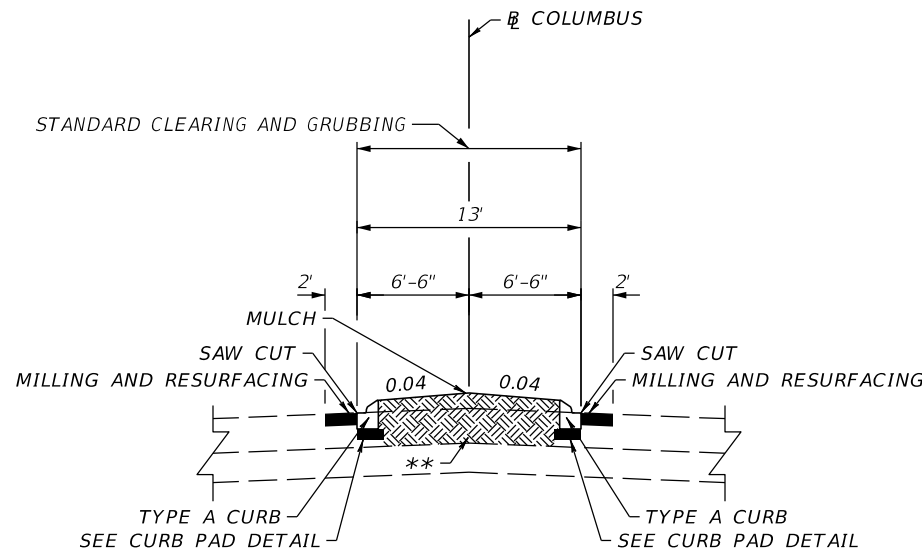
OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2") (PG 76-22)
AND FRICTION COURSE FC-9.5
(TRAFFIC B) (1") (PG 76-22)



DETAIL 3
MEDIAN WIDENING
STA. 1137+14.70 TO STA. 1138+60.68 MED.
STA. 1142+63.98 TO STA. 1143+53.03 MED.

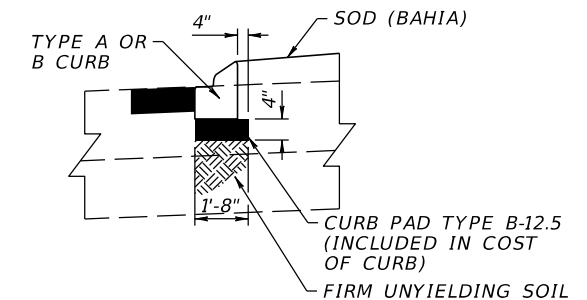
WIDENING

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2") (PG 76-22)
AND FRICTION COURSE FC-9.5
(TRAFFIC B) (1") (PG 76-22)



DETAIL 4
W. COLUMBUS DRIVE MEDIAN
STA. 23+68.75 TO STA. 23+98.54
STA. 25+44.00 TO STA. 25+84.00

** - SAWCUT AND REMOVE EXIST.
PAVT. & BASE. REPLACE WITH
18" MIN. CLEAN TOP SOIL (TYP.)



DETAIL 5
CURB PAD

REVISIONS				DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			SHEET NO. 5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					NA	HILLSBOROUGH	437647-1-58-01	

**TYPICAL SECTION
DETAILS**

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

SUMMARY OF LUMP SUM ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		CONSTRUCTION REMARKS
		P	F	
0101 1	MOBILIZATION	1		
0102 1	MAINTENANCE OF TRAFFIC	1		

PAY ITEM NOTES:

- 0162-1-12: PREPARED SOIL LAYER INCLUDES COST OF MULCH (WHEN NEEDED) AND 18" DEPTH OF SOIL.
- 0425-5-1 & 0425-6: MANHOLE AND VALVE BOX ADJUSTMENTS ARE TO BE PERFORMED BY THE CONTRACTOR WITH MATERIALS TO BE FURNISHED BY THE APPROPRIATE UTILITY. THE CONTRACTOR SHALL ARRANGE FOR DELIVERY/RECEIPT OF MATERIALS. THE COST FOR OBTAINING MATERIALS AND THE ADJUSTMENT WORK SHALL BE INCLUDED IN THE PAY ITEM.
- 0520-70: INCLUDES THE COST OF THE TEMPORARY LANE SEPARATORS LOCATED AT STATION 1112+96 THRU STATION 1114+40 AND TO REMAIN IN PLACE AT COMPLETION OF CONTRACT AS PROPERTY OF THE CITY OF TAMPA.

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				
0102 1	MAINTENANCE OF TRAFFIC	LS									250 TOTAL CONTRACT DAYS	
0102107 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE OF INTERSECTION	ED				100	3	300	300			

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE III			PHASE IV			TOTAL		GRAND TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	P	F	P	F		
			DAYS	P	P	DAYS	P	P						
0102 1	MAINTENANCE OF TRAFFIC	LS									1		250 TOTAL CONTRACT DAYS	
0102107 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE OF INTERSECTION	ED	100	3	300	50	3	150	450		750			

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

DEREK M. GIL, P.E.
P.E. NO.: 54798
ELEMENT ENGINEERING GROUP
1713 E 9th AVENUE
TAMPA, FL 33605
CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA
DEPARTMENT OF TRANSPORTATION
AND STORMWATER

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

SUMMARY OF QUANTITIES

SHEET NO.

SQ-1

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

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES					
LOCATION	SIDE	INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
		0104 18			
		EA			
STA. TO STA.		P	F		
1101+12	LT.	1			
1101+12	RT.	1			
1103+25	LT.	1		ON SIDE STREET.	
1103+88	RT.	1		ON SIDE STREET.	
1104+08	RT.	1		ON SIDE STREET.	
1106+24	LT.	1			
1106+24	RT.	1			
1108+99	LT.	1		ON SIDE STREET.	
1108+99	RT.	1		ON SIDE STREET.	
1109+17	LT.	1		ON SIDE STREET.	
1109+48	RT.	1			
1112+39	LT.	1			
1112+43	RT.	1			
1113+59	RT.	1		ON SIDE STREET.	
1113+76	LT.	1		ON SIDE STREET.	
1113+78	RT.	1		ON SIDE STREET.	
1116+63	LT.	1		ON SIDE STREET.	
1116+83	LT.	1		ON SIDE STREET.	
1118+84	RT.	1			
1118+90	LT.	1			
1119+83	LT.	1		ON SIDE STREET.	
1125+50	RT.	1			
1125+51	LT.	1			
1126+43	LT.	1		ON SIDE STREET.	
1126+78	RT.	1		ON SIDE STREET.	
1126+81	LT.	1		ON SIDE STREET.	
1129+24	RT.	1		ON SIDE STREET.	
1129+43	RT.	1		ON SIDE STREET.	
1129+61	LT.	1			
1131+91	RT.	1		ON SIDE STREET.	
1132+09	RT.	1		ON SIDE STREET.	
1132+12	LT.	1			
1134+58	RT.	1		ON SIDE STREET.	
1134+70	LT.	1			
1134+77	RT.	1		ON SIDE STREET.	
1137+30	LT.	1			
1137+86	RT.	1		ON 1275 ON RAMP.	
1140+04	RT.	1			
1142+40	RT.	1		ON 1275 OFF RAMP.	
1143+43	LT.	1			
1143+43	RT.	1			
1145+12	RT.	1		ON SIDE STREET.	
1145+36	RT.	1		ON SIDE STREET.	
1145+64	LT.	1			
1145+64	RT.	1			
1147+76	RT.	1		ON SIDE STREET.	
SUB-TOTAL:		46			
TOTAL:		105			

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES					
LOCATION	SIDE	INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
		0104 18			
		EA			
STA. TO STA.		P	F		
1148+01	RT.	1		ON SIDE STREET.	
1149+97	LT.	1		ON SIDE STREET.	
1150+27	LT.	1		ON SIDE STREET.	
1150+40	RT.	1		ON SIDE STREET.	
1150+67	RT.	1		ON SIDE STREET.	
1151+66	LT.	1			
1153+02	LT.	1		ON SIDE STREET.	
1153+05	RT.	1		ON SIDE STREET.	
1153+38	LT.	1		ON SIDE STREET.	
1153+41	RT.	1		ON SIDE STREET.	
1153+75	RT.	1			
1153+75	LT.	1			
1159+12	RT.	1			
1159+60	LT.	1		ON SIDE STREET.	
1159+84	LT.	1		ON SIDE STREET.	
1159+93 TO 1160+84	RT.	1		TRENCH DRAIN.	
1161+06	LT.	1		ON SIDE STREET.	
1161+06	RT.	1		ON SIDE STREET.	
1161+35	RT.	1		ON SIDE STREET.	
1161+35	LT.	1		ON SIDE STREET.	
1161+64 TO 1162+92	RT.	1		TRENCH DRAIN.	
1163+79	RT.	1		ON SIDE STREET.	
1164+03	RT.	1		ON SIDE STREET.	
1164+90 TO 1166+05	RT.	1		TRENCH DRAIN.	
1166+01	LT.	1			
1166+16	RT.	1			
1166+29	LT.	1		ON SIDE STREET.	
1166+45	RT.	1		ON SIDE STREET.	
1166+54	LT.	1		ON SIDE STREET.	
1166+67	RT.	1		ON SIDE STREET.	
1166+81	LT.	1			
1166+90 TO 1172+30	LT.	1		TRENCH DRAIN.	
1166+99	RT.	1			
1167+05 TO 1168+66	RT.	1		TRENCH DRAIN.	
1169+94	RT.	1		ON SIDE STREET.	
1170+20	RT.	1		ON SIDE STREET.	
1170+57 TO 1171+95	RT.	1		TRENCH DRAIN.	
1172+34	RT.	1		ON SIDE STREET.	
1172+36	LT.	1			
1172+58	RT.	1		ON SIDE STREET.	
1173+73 TO 1174+33	RT.	1		TRENCH DRAIN.	
1174+44	RT.	1			
1174+70	RT.	1		ON SIDE STREET.	
1174+89	LT.	1			
1174+95	RT.	1		ON SIDE STREET.	
1175+23	RT.	1			
1177+10	RT.	1		ON SIDE STREET.	
SUB-TOTAL:		47			

REVISIONS				DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			SUMMARY OF QUANTITIES	SHEET NO. SQ-2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				NA	HILLSBOROUGH	437647-1-58-01			

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION	SIDE	INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
		0104 18			
STA. TO STA.		EA			
		P	F		
1177+36	RT.	1		ON SIDE STREET.	
1178+40 TO 1178+99	RT.	1		TRENCH DRAIN.	
1179+05	LT.	1			
1179+08	RT.	1			
1179+43	RT.	1			
1180+25	RT.	1			
21+24	RT.	1		BL COLUMBUS	
21+26	LT.	1		BL COLUMBUS	
22+08	RT.	1		BL COLUMBUS	
22+10	LT.	1		BL COLUMBUS	
27+95	RT.	1		BL COLUMBUS	
28+20	LT.	1		ON SIDE STREET. BL COLUMBUS	
SUB-TOTAL:		12			

SUB-TOTAL: 12

SUMMARY OF MAILBOXES

STATION	SIDE	QUANTITY (EA)		DESIGN NOTES	CONSTRUCTION REMARKS
		0110	7 1		
		P	F		
1116+98.00	RT.	1			
SUB-TOTAL:		1			
TOTAL:		1			

SUMMARY OF EARTHWORK

PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
120 6	EMBANKMENT	1088		HAND CALCULATION	
0120 71	REGULAR EXCAVATION (3-R PROJECTS ONLY) (1 LS)	767		HAND CALCULATION	

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

DEREK M. GIL, P.E.
P.E. NO.: 54798
ELEMENT ENGINEERING GROUP
1713 E 9th AVENUE
TAMPA, FL 33605
CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA
DEPARTMENT OF TRANSPORTATION
AND STORMWATER

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

SUMMARY OF QUANTITIES

SHEET NO.

SQ-3

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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						LS		1		1		0.21 AC	
					621	2		0.029					0520-1-10	
					487	1.33		0.015					0520-2-1	
					4810	0.75		0.083					0520-2-2	
								0.008					0522-1 (346 SY)	
								0.001					0522-2 (22 SY)	
								0.071					0570-2-1 (3113 SY)	
0110 4 10	REMOVAL OF EXISTING CONCRETE	1116+79.34 TO 1116+95.35	RT.	35021			SY		3.6		970		C&G	
		1116+79.36 TO 1116+95.37	RT.	35020					8.7				SW	
		1117+08.80 TO 1117+24.87	LT.	35023					6.5				SW	
		1117+08.96 TO 1117+25.00	LT.	35022					3.3				C&G	
		1137+16.53 TO 1137+52.01	LT.	35088					19.0				C&G	
		1137+16.85 TO 1137+46.83	LT.	35065					15.7				SW	
		1137+46.63 TO 1137+47.56	LT.	35105					0.6				C&G	
		1137+47.42 TO 1137+52.00	LT.	35081					4.5				SW	
		1137+51.92 TO 1138+58.80	LT.	35115					56.8				C&G	
		1137+51.94 TO 1137+52.92	LT.	35110					0.8				C&G	
		1137+52.86 TO 1138+56.91	LT.	35070					130.8				SW	
		1138+65.73 TO 1139+79.65	RT.	35389					28.1				C&G	
		1138+86.11 TO 1139+95.91	LT.	35227					71.2				SW	
		1138+86.28 TO 1139+81.55	LT.	35197					22.0				C&G	
		1139+34.40 TO 1139+67.10	RT.	35422					15.0				TRAF. SEP.	
		1139+67.95 TO 1140+16.46	RT.	35431					22.3				TRAF. SEP.	
		1139+91.83 TO 1142+37.56	LT.	35208					57.5				C&G	
		1140+07.21 TO 1140+13.37	LT.	41508					4.7				MISC	
		1140+17.31 TO 1140+65.76	RT.	35433					22.3				TRAF. SEP.	
		1140+44.27 TO 1142+49.94	LT.	35240					132.2				SW	
		1140+66.53 TO 1141+15.51	RT.	35435					22.8				TRAF. SEP.	
		1141+16.52 TO 1141+64.34	RT.	35437					22.3				TRAF. SEP.	
		1141+65.28 TO 1142+17.02	RT.	35439					24.4				TRAF. SEP.	
		1142+16.12 TO 1142+25.17	LT.	41591					4.5				SW	
		1142+37.52 TO 1142+51.88	LT.	35279					3.2				C&G	
		1142+41.23 TO 1142+81.71	LT.	35292					30.3				DW	
		1142+46.77 TO 1142+96.85	LT.	35347					11.2				C&G	
		1142+67.97 TO 1143+70.91	LT.	35528					137.0				SW	
		1142+75.16 TO 1142+83.33	LT.	35336					1.8				C&G	
		1142+76.85 TO 1142+89.22	LT.	35305					6.2				SW	
		1143+19.36 TO 1143+19.36	RT.	35475					50.8				TRAF. SEP.	
		1169+47.00 TO 1169+63.00	RT.	35565					8.6				SW	
		1169+47.00 TO 1169+63.00	RT.	35568					3.5				C&G	
		1169+68.00 TO 1169+84.00	LT.	35567					3.4				C&G	
		1169+68.00 TO 1169+84.00	LT.	35566					9.0				SW	
		23+90.77 TO 23+98.88	LT.	35550					2.9				C&G, BL COLUMBUS	
		25+43.99 TO 25+46.36	LT.	35556					2.1				C&G, BL COLUMBUS	

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DATE	DESCRIPTION	DATE	DESCRIPTION																							
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																								
NA	HILLSBOROUGH	437647-1-58-01																								

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SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0160 4	TYPE B STABILIZATION	1137+14.40 TO 1138+60.68		LT.	38025	SY	50.6		377			
		1138+64.86 TO 1139+79.65		RT.	37895		54.5					
		1138+86.28 TO 1142+35.41		LT.	38003		168.3					
		1142+35.18 TO 1142+82.81		LT.	38008		28.1					
		1142+74.92 TO 1143+53.03		LT./RT.	38043		64.9					
		1142+81.40 TO 1142+96.87		LT.	38019		7.7					
		23+90.36 TO 23+98.95		LT./RT.	37890		3.2				BL COLUMBUS	
285709	OPTIONAL BASE, BASE GROUP 09	1137+14.40 TO 1138+60.68		LT.	38388	SY	34.1		195			
		1138+64.86 TO 1139+79.65		RT.	38399		25.3					
		1138+86.34 TO 1142+96.74		LT.	38405		91.7					
		1142+74.97 TO 1143+53.03		LT./RT.	38409		42.3					
		23+90.36 TO 23+98.54		LT.	38421		1.8				BL COLUMBUS	
0327 70 1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	1100+59.00 TO 1111+51.00		LT./RT.	29762	SY	6806.7		55689			
		1111+51.00 TO 1118+39.15		LT./RT.	29794		4518.4					
		1118+39.15 TO 1124+07.00		LT./RT.	29826		3873.4					
		1124+07.00 TO 1129+74.00		LT./RT.	38812		4466.8					
		1129+74.00 TO 1134+00.94		LT./RT.	38828		3060.9					
		1134+00.94 TO 1136+82.42		LT./RT.	29917		1898.5					
		1136+82.42 TO 1145+87.85		LT./RT.	30218		6040.1					
		1145+87.85 TO 1155+54.98		LT./RT.	30285		7135.8					
		1155+54.98 TO 1168+67.98		LT./RT.	30309		8888.3					
		1168+67.98 TO 1174+61.98		LT./RT.	38841		4033.0					
		1174+61.98 TO 1179+24.50		LT./RT.	38914		2996.0					
		15+42.60 TO 17+17.20		LT./RT.	41510		326.3				BL COLUMBUS	
		17+17.20 TO 21+34.00		LT./RT.	41521		852.7				BL COLUMBUS	
		22+01.00 TO 23+99.00		LT./RT.	38902		343.6				BL COLUMBUS	
		25+44.00 TO 28+00.00		LT./RT.	38937		448.2				BL COLUMBUS	
0334 1 52	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC B, PG 76-22)	1137+14.40 TO 1138+60.68		LT.	37864	TN	3.76		21.5			
		1138+64.86 TO 1139+79.65		RT.	31141		2.78					
		1138+86.34 TO 1142+96.74		LT.	31137		10.09					
		1142+74.97 TO 1143+53.03		LT./RT.	37875		4.66					
		23+90.36 TO 23+98.54		LT.	34832		0.19				BL COLUMBUS	
0337 7 80	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC B, FC-9.5, PG 76-22)	1100+59.00 TO 1105+23.00		LT./RT.	39970	TN	32.28		2965.3			
		1100+59.00 TO 1106+00.00		RT.	33186		82.58					
		1100+59.00 TO 1106+00.00		LT.	33219		84.28					
		1106+00.00 TO 1111+00.00		RT.	33291		75.97					
		1106+00.00 TO 1111+00.00		LT.	33259		77.53					
		1111+00.00 TO 1117+00.00		RT.	33308		91.50					
		1111+00.00 TO 1117+00.00		LT.	33361		90.49					
		1111+11.00 TO 1116+23.00		LT./RT.	41558		35.14					
		1117+00.00 TO 1123+00.00		RT.	33379		90.92					
		1117+00.00 TO 1123+00.00		LT.	33448		92.97					
		1118+15.57 TO 1120+59.73		LT./RT.	39940		15.19					
		1120+14.50 TO 1122+97.59		LT./RT.	40042		18.04					
		1123+00.00 TO 1130+00.00		RT.	33465		117.61					
		1123+00.00 TO 1130+00.00		LT.	33512		120.21					
		1123+67.00 TO 1129+74.35		LT./RT.	40070		42.36					
		1130+00.00 TO 1137+40.00		RT.	33531		113.30					
		1130+00.00 TO 1137+40.24		LT.	33894		115.25					
		1131+86.14 TO 1131+86.14		LT.	40119		32.84					

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DATE	DESCRIPTION	DATE	DESCRIPTION																						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																							
NA	HILLSBOROUGH	437647-1-58-01																							

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SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
		STA. TO STA.	DESCRIPTION				P	F	P	F			
0337 7 80	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC B, FC-9.5, PG 76-22) (CONT'D)	1134+76.95 TO 1137+22.42		LT./RT.	40250	TN	15.09						
		1137+40.00 TO 1144+00.00		RT.	33849		103.50						
		1137+40.05 TO 1144+00.00		LT.	33715		101.92						
		1138+36.66 TO 1142+75.03		LT./RT.	40270		56.07						
		1144+00.00 TO 1150+20.00		RT.	34033		94.49						
		1144+00.00 TO 1150+40.00		LT.	33965		98.81						
		1145+47.85 TO 1148+10.05		LT./RT.	40334		16.34						
		1147+93.77 TO 1150+42.00		LT./RT.	40363		15.29						
		1150+20.00 TO 1156+00.00		RT.	34069		95.06						
		1150+28.98 TO 1155+94.98		LT./RT.	40385		39.27						
		1150+40.00 TO 1156+00.00		LT.	34055		93.18						
		1156+00.00 TO 1163+80.00		LT.	34101		122.31						
		1156+00.00 TO 1163+80.00		RT.	34123		117.26						
		1158+61.98 TO 1161+12.95		LT./RT.	40412		15.50						
		1161+24.98 TO 1163+69.98		LT./RT.	40431		15.14						
		1163+80.00 TO 1172+00.00		LT.	34236		126.59						
		1163+80.00 TO 1172+00.00		RT.	34189		125.61						
		1163+85.98 TO 1169+07.98		LT./RT.	40450		36.00						
		1169+85.00 TO 1172+65.57		LT./RT.	39085		17.69						
		1172+00.00 TO 1179+22.21		LT.	38996		110.18						
		1172+00.00 TO 1179+24.50		RT.	39017		111.62						
		1172+51.09 TO 1175+01.98		LT./RT.	39065		15.46						
		1176+36.00 TO 1179+23.01		LT./RT.	39048		19.17						
		15+42.60 TO 21+34.00		LT./RT.	40526		31.38					BL COLUMBUS	
15+42.60 TO 21+34.00		LT./RT.	40512		27.12					BL COLUMBUS			
22+01.00 TO 23+98.54		LT./RT.	40545		13.81					BL COLUMBUS			
22+01.00 TO 23+99.00		RT.	34500		3.02					BL COLUMBUS			
0523 1	PATTERNED PAVEMENT , VEHICULAR AREAS	1126+13.58 TO 1126+24.02		RT.	46132	SY	3.9		371				
		1126+14.18 TO 1126+24.63		RT.	46127		3.9						
		1126+14.79 TO 1126+25.78		RT.	46122		9.5						
		1126+14.82 TO 1126+23.42		RT.	46137		1.9						
		1126+15.94 TO 1126+26.33		RT.	46117		3.4						
		1126+16.49 TO 1126+26.96		RT.	46112		4.2						
		1126+17.12 TO 1126+27.59		LT./RT.	46107		4.2						
		1126+17.75 TO 1126+27.87		LT.	46102		0.5						
		1126+18.03 TO 1126+28.42		LT.	46097		3.4						
		1126+18.58 TO 1126+28.96		LT.	46092		3.4						
		1126+19.12 TO 1126+29.57		LT.	46087		3.9						
		1126+19.73 TO 1126+30.17		LT.	46082		3.9						
		1126+20.33 TO 1126+30.78		LT.	46077		3.9						
		1126+20.94 TO 1126+31.38		LT.	46070		3.7						
		1126+26.75 TO 1126+32.16		LT.	46066		1.3						
		1126+30.58 TO 1126+35.46		RT.	46425		1.7						
		1126+36.54 TO 1126+38.23		LT.	46364		0.2						
		1126+37.17 TO 1126+41.20		RT.	46429		4.2						
		1126+40.17 TO 1126+44.22		LT.	46358		3.9						
		1126+42.91 TO 1126+46.94		RT.	46434		4.2						
1126+45.94 TO 1126+49.99		LT.	46369		4.2								
1126+48.66 TO 1126+52.68		RT.	46439		4.2								
1126+51.71 TO 1126+55.75		LT.	46374		4.2								

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DATE	DESCRIPTION	DATE	DESCRIPTION																						
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SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0523 1	PATTERNED PAVEMENT , VEHICULAR AREAS (CONT'D)	1126+54.40 TO 1126+58.42		RT.	46444	SY	4.2					
		1126+57.48 TO 1126+61.52		LT.	46379		4.2					
		1126+60.14 TO 1126+64.16		RT.	46449		4.2					
		1126+63.25 TO 1126+67.29		LT.	46384		4.2					
		1126+65.88 TO 1126+69.91		RT.	46454		4.2					
		1126+69.02 TO 1126+73.06		LT.	46389		4.2					
		1126+71.62 TO 1126+75.65		RT.	46459		4.2					
		1126+74.78 TO 1126+78.83		LT.	46394		4.2					
		1126+77.37 TO 1126+81.39		RT.	46464		4.2					
		1126+80.55 TO 1126+84.41		LT.	46399		3.3					
		1126+83.29 TO 1126+85.40		RT.	46470		0.4					
		1126+91.68 TO 1126+93.02		LT.	46237		0.1					
		1126+91.68 TO 1126+94.81		RT.	46288		0.5					
		1126+91.68 TO 1126+98.57		LT.	46241		1.9					
		1126+91.68 TO 1127+01.66		RT.	46293		3.4					
		1126+91.68 TO 1127+01.67		RT.	46299		3.9					
		1126+91.68 TO 1127+01.68		RT.	46304		3.9					
		1126+91.68 TO 1127+01.69		RT.	46314		3.3					
		1126+91.68 TO 1127+01.69		RT.	46309		3.9					
		1126+91.68 TO 1127+01.70		RT.	46324		0.5					
		1126+91.68 TO 1127+01.70		RT.	46319		3.3					
		1126+91.68 TO 1127+01.72		LT.	46278		4.2					
		1126+91.68 TO 1127+01.72		LT./RT.	46283		4.2					
		1126+91.68 TO 1127+01.73		LT.	46273		3.3					
		1126+91.68 TO 1127+01.74		LT.	46268		3.4					
		1126+91.68 TO 1127+01.74		LT.	46263		3.9					
		1126+91.68 TO 1127+01.75		LT.	46258		3.9					
		1126+91.68 TO 1127+01.76		LT.	46253		3.9					
		1126+91.68 TO 1127+01.76		LT.	46247		3.9					
		1152+81.95 TO 1152+91.99		LT.	46624		3.3					
		1152+82.04 TO 1152+92.14		LT.	46630		3.9					
		1152+82.19 TO 1152+92.29		LT.	46635		3.9					
		1152+82.34 TO 1152+92.44		LT.	46640		3.9					
		1152+82.49 TO 1152+92.57		LT.	46645		3.3					
		1152+82.62 TO 1152+92.71		LT.	46650		3.3					
		1152+82.81 TO 1152+92.92		LT.	46690		4.4					
		1152+82.97 TO 1152+93.09		RT.	46685		4.4					
		1152+83.14 TO 1152+93.22		RT.	46680		3.3					
		1152+83.27 TO 1152+93.36		RT.	46675		3.3					
		1152+83.41 TO 1152+93.51		RT.	46670		3.9					
		1152+83.56 TO 1152+93.65		RT.	46665		3.9					
		1152+83.70 TO 1152+93.80		RT.	46660		3.9					
		1152+83.85 TO 1152+93.64		RT.	46655		2.0					
		1152+87.99 TO 1152+95.74		LT.	46809		5.5					
		1152+90.06 TO 1152+97.40		RT.	46860		4.8					
		1152+97.53 TO 1153+01.73		LT.	46815		4.4					
		1152+99.19 TO 1153+03.40		RT.	46866		4.4					
		1153+03.53 TO 1153+07.73		LT.	46820		4.4					
		1153+05.19 TO 1153+09.40		RT.	46871		4.4					
		1153+09.53 TO 1153+13.73		LT.	46825		4.4					

<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					DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	<p align="center">CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER</p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>NA</td> <td>HILLSBOROUGH</td> <td>437647-1-58-01</td> </tr> </tbody> </table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	NA	HILLSBOROUGH	437647-1-58-01	<p align="center">SUMMARY OF QUANTITIES</p>	SHEET NO. SQ-7
DATE	DESCRIPTION	DATE	DESCRIPTION																		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																			
NA	HILLSBOROUGH	437647-1-58-01																			

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SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0523 1	PATTERNED PAVEMENT , VEHICULAR AREAS (CONT'D)	1153+11.19 TO 1153+15.40		RT.	46876	SY	4.4					
		1153+15.52 TO 1153+19.84		LT.	46830		4.6					
		1153+17.19 TO 1153+21.51		RT.	46881		4.6					
		1153+21.64 TO 1153+25.84		LT.	46835		4.4					
		1153+23.30 TO 1153+27.51		RT.	46886		4.4					
		1153+27.64 TO 1153+31.84		LT.	46840		4.4					
		1153+29.31 TO 1153+33.51		RT.	46891		4.4					
		1153+33.63 TO 1153+37.84		LT.	46845		4.4					
		1153+35.31 TO 1153+39.51		RT.	46896		4.4					
		1153+39.63 TO 1153+43.84		LT.	46850		4.4					
		1153+41.31 TO 1153+45.52		RT.	46901		4.4					
		1153+45.64 TO 1153+51.89		LT.	46855		3.6					
		1153+47.31 TO 1153+54.29		RT.	46906		4.8					
		1153+48.19 TO 1153+58.22		LT.	46695		4.2					
		1153+48.25 TO 1153+58.29		LT.	46701		3.9					
		1153+48.32 TO 1153+58.37		LT.	46706		3.9					
		1153+48.40 TO 1153+58.45		LT.	46711		3.9					
		1153+48.47 TO 1153+58.51		LT.	46716		3.3					
		1153+48.54 TO 1153+58.58		LT.	46721		3.3					
		1153+48.61 TO 1153+58.67		LT.	46726		4.4					
		1153+48.69 TO 1153+58.75		LT./RT.	46731		4.4					
		1153+48.80 TO 1153+58.84		RT.	46761		3.3					
		1153+48.87 TO 1153+58.91		RT.	46756		3.3					
		1153+48.94 TO 1153+58.99		RT.	46751		3.9					
		1153+49.01 TO 1153+59.06		RT.	46746		3.9					
		1153+49.09 TO 1153+59.14		RT.	46741		3.9					
		1153+49.68 TO 1153+59.19		RT.	46736		2.8					

SUMMARY OF MISCELLANEOUS DRAINAGE ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				P	F	P	F		
0425 1355	INLETS, CURB, TYPE P-5, PARTIAL	1139+83.94		LT.	EA	1		1		8" SLAB	

SUMMARY OF MISCELLANEOUS ASPHALT PAVEMENT

LOCATION	SIDE	AREA ID	THICK (IN)	OTHER		DESIGN NOTES	CONSTRUCTION REMARKS
				0339 1			
				TN			
STA. TO STA.				P	F		
1138+66.60 TO 1139+66.17	RT.	41451	2	1.10			
1138+86.08 TO 1139+59.64	LT.	41438	2	0.83			
1141+05.41 TO 1142+33.52	LT.	41442	2	1.74			
SUB-TOTAL:				3.67			
TOTAL:				3.7			

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

DEREK M. GIL, P.E.
P.E. NO.: 54798
ELEMENT ENGINEERING GROUP
1713 E 9th AVENUE
TAMPA, FL 33605
CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA
DEPARTMENT OF TRANSPORTATION
AND STORMWATER

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

SUMMARY OF QUANTITIES

SHEET NO.

SQ-8

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

SUMMARY OF UTILITY ADJUSTMENTS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
					P	F	P	F		
0425 5	MANHOLES, ADJUST	1101+10.70	RT.	EA	1		46			
		1103+32.34	LT.		1					
		1106+25.45	RT.		1					
		1106+48.55	RT.		1					
		1106+87.61	RT.		1					
		1107+70.07	RT.		1					
		1108+03.27	RT.		1					
		1109+19.18	RT.		1					
		1109+48.13	RT.		1					
		1112+49.48	RT.		1					
		1113+77.30	RT.		1					
		1113+80.29	LT.		1					
		1118+18.85	RT.		1					
		1118+85.67	RT.		1					
		1122+54.95	RT.		1					
		1122+81.32	LT.		1					
		1122+94.10	RT.		1					
		1125+49.87	RT.		1					
		1126+40.96	LT.		1					
		1126+43.14	RT.		1					
		1126+62.94	RT.		1					
		1126+95.96	LT.		1					
		1129+09.71	LT.		1					
		1129+29.67	RT.		1					
		1132+06.61	RT.		1					
		1134+70.25	RT.		1					
		1137+32.76	RT.		1					
		1139+90.17	RT.		1					
		1140+11.31	LT.		1					
		1142+33.33	RT.		1					
		1145+60.41	RT.		1					
		1147+75.19	RT.		1					
		1150+40.10	RT.		1					
		1151+65.00	RT.		1					
		1153+05.47	LT.		1					
		1153+07.36	RT.		1					
		1153+25.15	RT.		1					
		1153+76.36	RT.		1					
		1159+38.01	RT.		1					
		1161+43.38	RT.		1					
		1164+05.19	RT.		1					
		1166+41.27	RT.		1					
		1169+93.90	LT.		1					
		1172+32.77	LT.		1					
		1174+79.01	LT.		1					
		1177+10.11	RT.		1					

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DATE	DESCRIPTION	DATE	DESCRIPTION																						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																							
NA	HILLSBOROUGH	437647-1-58-01																							

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SUMMARY OF UTILITY ADJUSTMENTS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
					P	F	P	F		
0425 5 1	MANHOLES, ADJUST, UTILITIES	16+21.28	LT.	EA	1		43		SEWER, BL COLUMBUS	
		1101+49.44	LT.		1				SEWER	
		1101+89.60	LT.		1				SEWER	
		1102+70.08	LT.		1				WATER	
		1103+13.35	LT.		1				SEWER	
		1103+80.17	LT.		1				TEL	
		1104+21.63	LT.		1				SEWER	
		1105+53.43	LT.		1				SEWER	
		1107+95.67	LT.		1				SEWER	
		1110+26.41	LT.		1				SEWER	
		1110+28.83	RT.		1				SEWER	
		1113+68.86	RT.		1				SEWER	
		1113+69.13	RT.		1				SEWER	
		1116+74.20	LT.		1				SEWER	
		1118+09.57	LT.		1				SEWER	
		1118+49.42	RT.		1				SEWER	
		1119+73.79	LT.		1				SEWER	
		1119+76.22	RT.		1				SEWER	
		1121+97.88	RT.		1				SEWER	
		1122+35.09	LT.		1				SEWER	
		1122+79.57	LT.		1				SEWER	
		1126+63.30	RT.		1				SEWER	
		1129+28.46	RT.		1				SEWER	
		1132+00.50	LT.		1				SEWER	
		1133+22.27	LT.		1				SEWER	
		1137+32.37	RT.		1				SEWER	
		1143+44.44	RT.		1				SEWER	
		1145+23.68	RT.		1				SEWER	
		1147+89.35	LT.		1				SEWER	
		1150+10.29	LT.		1				SEWER	
		1154+99.83	LT.		1				SEWER	
		1156+61.49	RT.		1				TEL	
		1156+71.16	LT.		1				SEWER	
		1158+70.37	LT.		1				SEWER	
		1161+08.79	RT.		1				TEL	
		1161+46.89	LT.		1				TEL	
		1162+80.52	LT.		1				SEWER	
		1163+84.67	LT.		1				SEWER	
		1165+91.77	LT.		1				TEL	
		1170+29.52	LT.		1				TEL	
		1174+31.81	LT.		1				TEL	
		1174+41.91	LT.		1				TEL	
		1174+84.46	RT.		1				SEWER	
0425 6	VALVE BOXES, ADJUST	1102+76.74	LT.	EA	1		32		WATER	
		1109+27.91	LT.		1				WATER	
		1113+47.97	LT.		1				WATER	
		1114+03.86	LT.		1				WATER	
		1117+80.99	LT.		1				WATER	
		1117+96.02	LT.		1				WATER	
		1119+92.48	LT.		1				WATER	
		1123+32.87	LT.		1				WATER	
		1126+44.95	LT.		1				WATER	

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REVISIONS		DATE	DESCRIPTION																			
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID																				
NA	HILLSBOROUGH	437647-1-58-01																				

SUMMARY OF QUANTITIES

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SUMMARY OF UTILITY ADJUSTMENTS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
					P	F	P	F		
0425 6	VALVE BOXES, ADJUST (CONT'D)	1126+44.95	LT.	EA	1				WATER	
		1126+85.97	RT.		1				WATER	
		1129+01.88	LT.		1				WATER	
		1134+87.36	RT.		1				WATER	
		1137+52.40	LT.		1				WATER	
		1145+11.07	LT.		1				WATER	
		1148+43.70	LT.		1				WATER	
		1149+15.37	LT.		1				WATER	
		1150+21.81	LT.		1				WATER	
		1150+34.48	LT.		1				WATER	
		1152+96.56	LT.		1				WATER	
		1153+33.47	LT.		1				WATER	
		1158+34.70	LT.		1				WATER	
		1159+51.90	LT.		1				WATER	
		1160+95.21	LT.		1				WATER	
		1163+56.32	LT.		1				WATER	
		1164+14.26	LT.		1				WATER	
		1166+25.44	LT.		1				WATER	
		1166+36.82	LT.		1				WATER	
		1169+59.36	LT.		1				WATER	
		1170+15.90	LT.		1				WATER	
		1173+55.81	LT.		1				WATER	
		1174+96.34	LT.		1				WATER	

REVISIONS				DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		SQ-11
					NA	HILLSBOROUGH	437647-1-58-01		

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SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY					TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
						GROSS LENGTH	DEDUCTIONS		NET LENGTH		P	F		
							TYPE	LENGTH	P	F				
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	1116+79.35 TO 1116+95.35	RT.		LF	16.0			16.0		621			
		1117+08.97 TO 1117+24.97	LT.			16.0			16.0					
		1138+66.38 TO 1139+79.65	RT.			112.6			112.6					
		1138+86.30 TO 1142+35.36	LT.			349.7			349.7					
		1142+35.36 TO 1142+50.70	LT.			17.4			17.4					
		1142+37.68 TO 1142+89.57	LT.			52.0			52.0					
		1142+48.39 TO 1142+49.97	LT.			1.8			1.8					
		1142+76.36 TO 1142+89.57	LT.			16.7			16.7					
		1142+89.57 TO 1142+96.82	LT.			7.0			7.0					
		1169+47.00 TO 1169+63.00	RT.			16.0			16.0					
		1169+68.00 TO 1169+84.00	LT.			16.0			16.0					
0520 2 1	CONCRETE CURB, TYPE A	15+45.98 TO 15+46.02	RT.		LF	5.2			5.2		487	BL COLUMBUS		
		15+45.98 TO 15+48.97	RT.			4.7			4.7			BL COLUMBUS		
		15+46.02 TO 15+48.96	RT.			4.6			4.6			BL COLUMBUS		
		15+48.96 TO 17+17.20	RT.			168.2			168.2			BL COLUMBUS		
		15+48.97 TO 17+17.20	RT.			168.3			168.3			BL COLUMBUS		
		23+68.71 TO 23+98.68	LT./RT.			31.0			31.0			BL COLUMBUS		
		23+68.75 TO 23+92.50	RT.			23.8			23.8			BL COLUMBUS		
		25+43.88 TO 25+84.00	LT./RT.			40.9			40.9			BL COLUMBUS		
		25+44.00 TO 25+84.00	LT.			40.0			40.0			BL COLUMBUS		
0520 2 2	CONCRETE CURB, TYPE B	1104+83.00 TO 1111+51.00	LT./RT.		LF	671.9			671.9		4810			
		1104+83.00 TO 1111+51.00	LT./RT.			675.4			675.4					
		1115+83.00 TO 1118+39.15	LT./RT.			257.1			257.1					
		1115+83.00 TO 1118+39.15	LT./RT.			259.0			259.0					
		1122+73.95 TO 1124+07.00	LT./RT.			135.7			135.7					
		1122+73.95 TO 1124+07.00	LT./RT.			134.2			134.2					
		1134+00.94 TO 1135+00.54	LT./RT.			102.3			102.3					
		1134+00.94 TO 1135+00.54	LT./RT.			102.3			102.3					
		1136+83.17 TO 1137+45.06	LT./RT.			138.8			138.8					
		1137+54.50 TO 1138+58.68	LT./RT.			229.6			229.6					
		1142+74.94 TO 1142+74.99	LT./RT.			25.3			25.3					
		1142+74.94 TO 1145+87.85	LT./RT.			316.3			316.3					
		1142+74.99 TO 1145+87.85	LT.			312.8			312.8					
		1155+54.98 TO 1159+01.98	LT./RT.			352.0			352.0					
		1155+54.98 TO 1159+01.98	LT./RT.			348.3			348.3					
		1168+67.98 TO 1169+84.91	RT.			116.9			116.9					
		1168+67.98 TO 1170+25.00	LT./RT.			160.0			160.0					
		1169+84.91 TO 1170+25.00	LT./RT.			41.2			41.2					
		1174+61.98 TO 1176+35.92	RT.			174.2			174.2					
		1174+61.98 TO 1176+76.00	LT./RT.			215.0			215.0					
		1176+35.92 TO 1176+76.00	LT./RT.			41.2			41.2					
0520 70	CONCRETE TRAFFIC SEPARATOR, SPECIAL - VARIABLE WIDTH	1100+59.99 TO 1101+11.25	RT.	40642	SY	11.5			11.5		1566			
		1101+12.75 TO 1102+11.25	RT.	40649		21.8			21.8					
		1102+12.75 TO 1103+19.25	RT.	40660		23.6			23.6					
		1103+20.75 TO 1104+11.25	RT.	40669		20.1			20.1					
		1104+12.75 TO 1104+83.00	RT.	40678		16.9			16.9					
		1111+51.00 TO 1111+61.00	LT.	40687		3.5			3.5					
		1111+62.50 TO 1113+17.43	LT.	40694		34.6			34.6					
		1114+18.73 TO 1115+71.50	RT.	40701		34.1			34.1					
		1115+73.00 TO 1115+83.00	RT.	40708		3.5			3.5					

<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					DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921			CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td>NA</td> <td>HILLSBOROUGH</td> <td>437647-1-58-01</td> </tr> </table>			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	NA	HILLSBOROUGH	437647-1-58-01	SHEET NO. SQ-12	
REVISIONS																													
DATE	DESCRIPTION	DATE	DESCRIPTION																										
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																											
NA	HILLSBOROUGH	437647-1-58-01																											

SUMMARY OF QUANTITIES

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SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
						GROSS LENGTH	DEDUCTIONS		NET LENGTH		P		
		TYPE					LENGTH	P	F				
0520 70	CONCRETE TRAFFIC SEPARATOR, SPECIAL - VARIABLE WIDTH (CONT'D)	1118+39.15 TO 1118+77.96	LT.	32114	SY	9.2			9.2				
		1118+57.96 TO 1118+84.25	RT.	40714		6.0			6.0				
		1118+85.75 TO 1120+10.50	RT.	40721		27.7			27.7				
		1120+12.00 TO 1120+62.00	LT./RT.	40732		11.4			11.4				
		1120+63.50 TO 1121+99.25	LT.	40748		30.1			30.1				
		1122+00.75 TO 1122+46.00	LT.	40741		10.2			10.2				
		1122+26.00 TO 1122+73.95	RT.	29611		11.2			11.2				
		1124+07.00 TO 1124+17.02	LT.	40757		3.5			3.5				
		1124+18.51 TO 1125+49.25	LT.	40763		29.0			29.0				
		1125+50.75 TO 1126+02.89	LT.	40772		11.7			11.7				
		1127+18.27 TO 1128+21.25	RT.	40779		23.0			23.0				
		1128+22.75 TO 1129+22.50	RT.	40788		22.1			22.1				
		1129+24.00 TO 1129+81.37	LT./RT.	40797		26.2			26.2				
		1129+82.87 TO 1130+13.37	LT.	40810		6.9			6.9				
		1129+93.37 TO 1131+55.26	RT.	40817		36.1			36.1				
		1131+56.76 TO 1132+07.00	LT./RT.	40826		11.4			11.4				
		1132+08.50 TO 1133+09.25	LT.	40835		22.3			22.3				
		1133+10.75 TO 1133+81.42	LT.	40844		15.9			15.9				
		1133+61.42 TO 1134+00.94	RT.	32199		9.3			9.3				
		1135+00.54 TO 1135+37.42	LT.	32204		8.7			8.7				
		1135+17.42 TO 1136+70.92	RT.	40851		34.3			34.3				
		1136+72.42 TO 1136+82.42	RT.	40858		3.5			3.5				
		1139+34.80 TO 1139+67.25	RT.	40864		7.4			7.4				
		1139+68.75 TO 1140+16.25	RT.	40871		10.5			10.5				
		1140+17.75 TO 1140+66.25	RT.	40880		10.7			10.7				
		1140+67.75 TO 1141+15.25	RT.	40889		10.5			10.5				
		1141+16.75 TO 1141+64.25	RT.	40898		10.5			10.5				
		1141+65.75 TO 1142+10.62	RT.	40907		10.1			10.1				
		1145+87.85 TO 1145+97.85	LT.	40914		3.5			3.5				
		1145+99.35 TO 1147+62.46	LT.	40920		36.4			36.4				
		1147+42.46 TO 1147+74.21	RT.	40927		7.2			7.2				
		1147+75.71 TO 1148+59.36	LT./RT.	40934		27.2			27.2				
		1148+39.36 TO 1149+90.50	RT.	40947		33.7			33.7				
		1149+92.00 TO 1150+78.98	LT./RT.	40954		68.8			68.8				
		1150+80.48 TO 1152+64.34	LT.	40964		41.0			41.0				
		1153+79.74 TO 1155+43.48	RT.	40971		36.5			36.5				
		1155+44.98 TO 1155+54.98	RT.	40978		3.5			3.5				
		1159+01.98 TO 1159+11.98	LT.	40991		3.5			3.5				
		1159+13.48 TO 1160+69.87	LT.	40984		34.9			34.9				
		1160+49.87 TO 1161+88.06	LT./RT.	32277		77.3			77.3				
		1161+68.06 TO 1163+19.48	RT.	40997		33.8			33.8				
		1163+20.98 TO 1164+35.98	LT./RT.	41004		111.9			111.9				
		1164+37.48 TO 1165+91.28	LT.	41015		34.3			34.3				
		1167+03.00 TO 1168+56.48	RT.	41022		34.3			34.3				
		1168+57.98 TO 1168+67.98	RT.	41029		3.5			3.5				
		1170+25.00 TO 1170+35.00	LT.	41035		3.5			3.5				
		1170+36.50 TO 1172+20.00	LT.	41041		40.9			40.9				
		1172+00.00 TO 1172+30.48	RT.	41048		6.9			6.9				
		1172+31.98 TO 1173+15.12	LT./RT.	41055		29.5			29.5				
		1172+95.12 TO 1174+50.49	RT.	41067		34.7			34.7				

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DATE	DESCRIPTION	DATE	DESCRIPTION																							
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																								
NA	HILLSBOROUGH	437647-1-58-01																								

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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)	1174+51.98 TO 1174+61.98		RT.	41076	SY	3.6			3.6					
		1176+76.00 TO 1176+86.00		LT.	41082		3.6			3.6					
		1176+87.50 TO 1179+21.21		LT.	41088		52.2			52.2					
		17+17.20 TO 21+30.10		LT./RT.	41107		115.3			115.3			BL COLUMBUS		
		22+04.50 TO 23+57.23		RT.	41117		34.1			34.1			BL COLUMBUS		
		23+58.73 TO 23+68.75		RT.	41124		3.6			3.6			BL COLUMBUS		
		25+84.00 TO 25+94.00		LT.	41131		3.3			3.3			BL COLUMBUS		
		25+95.50 TO 27+96.65		LT.	41137		44.8			44.8			BL COLUMBUS		

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	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		
1116+79.35 TO 1116+95.37	RT.	32381	17.4							
1116+82.62 TO 1117+21.75	LT./RT.	32391	32.9							
1117+08.80 TO 1117+24.96	LT.	32386	13.5							
1137+42.66 TO 1137+56.73	LT./RT.	32404	14.0							
1138+86.11 TO 1139+95.09	LT.	32413	71.9							
1140+45.03 TO 1142+35.70	LT.	32459	125.8							
1142+20.97 TO 1142+26.96	LT.	41146	1.4							
1142+35.39 TO 1142+49.97	LT.	32546	6.5							
1142+76.91 TO 1142+89.22	LT.	32436	6.1							
1169+47.00 TO 1169+63.00	RT.	32554	15.8							
1169+50.25 TO 1169+80.75	LT./RT.	32564	26.2							
1169+68.00 TO 1169+84.00	LT.	32559	16.3							
1142+44.09 TO 1142+81.61	LT.	34837		22.0						
1116+84.37 TO 1116+90.37	RT.	37962				12.0				
1116+85.35 TO 1116+89.35	RT.	37964				8.0				
1117+14.00 TO 1117+20.00	LT.	37963				12.0				
1117+14.92 TO 1117+18.96	LT.	37965				8.0				
1137+45.49 TO 1137+53.89	LT.	37139				16.7				
1137+45.55 TO 1137+53.96	RT.	37138				16.7				
1142+21.65 TO 1142+25.75	LT.	47629				8.0				
1142+41.73 TO 1142+43.91	LT.	37130				7.0				
1142+81.16 TO 1142+83.31	LT.	37133				10.8				
1169+52.00 TO 1169+58.00	RT.	37966				12.0				
1169+53.00 TO 1169+57.00	RT.	37969				8.0				
1169+73.00 TO 1169+79.00	LT.	37967				12.0				
1169+73.99 TO 1169+78.00	LT.	37968				8.0				
SUB-TOTAL:			347.8		22.0		139.2			
TOTAL:			348		22		139			

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REVISIONS																		
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID																
NA	HILLSBOROUGH	437647-1-58-01																

SUMMARY OF QUANTITIES

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SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	PERFORMANCE TURF (SOD)		PREPARED SOIL LAYER		DESIGN NOTES	CONSTRUCTION REMARKS
			0570	1 2	0162	1 12		
			SY		SY			
P	F	P	F					
1104+83.00 TO 1111+51.00	LT./RT.	41764			876.7			
1115+83.00 TO 1117+13.50	LT./RT.	41678			127.6			
1116+90.87 TO 1118+39.15	LT./RT.	41687			156.8			
1122+73.95 TO 1124+07.00	LT./RT.	41702			145.8			
1134+00.94 TO 1135+00.54	LT./RT.	41709			104.5			
1136+83.17 TO 1137+45.06	LT./RT.	41718			65.3			
1137+54.50 TO 1138+58.68	LT./RT.	41726			172.0			
1142+74.94 TO 1145+87.85	LT./RT.	41735			426.7			
1155+54.98 TO 1159+01.98	LT./RT.	41740			435.9			
1168+67.98 TO 1169+72.50	LT./RT.	41745			100.9			
1169+58.50 TO 1170+25.00	LT./RT.	41779			46.6			
1174+61.98 TO 1176+76.00	LT./RT.	41789			255.5			
15+46.73 TO 17+17.20	RT.	41805			128.8		BL COLUMBUS	
23+68.72 TO 23+98.91	LT./RT.	41759			22.7		BL COLUMBUS	
25+43.73 TO 25+84.00	LT./RT.	41799			29.1		BL COLUMBUS	
1104+83.00 TO 1111+51.00	LT./RT.	32818	876.7					
1115+83.00 TO 1117+13.50	LT./RT.	32823	127.6					
1116+77.35 TO 1116+79.36	RT.	32845	1.1					
1116+90.87 TO 1118+39.15	LT./RT.	32832	156.8					
1116+95.35 TO 1116+97.36	RT.	32846	1.1					
1117+06.88 TO 1117+08.96	LT.	32849	0.9					
1117+24.87 TO 1117+26.96	LT.	32850	0.9					
1122+73.95 TO 1124+07.00	LT./RT.	32851	145.8					
1134+00.94 TO 1135+00.54	LT./RT.	32863	104.5					
1136+83.17 TO 1137+45.06	LT./RT.	32872	65.3					
1137+54.50 TO 1138+58.68	LT./RT.	32880	172.0					
1139+59.56 TO 1139+91.29	LT.	35750	7.0					
1142+33.27 TO 1142+48.52	LT.	35755	3.4					
1142+74.94 TO 1145+87.85	LT./RT.	32889	426.7					
1155+54.98 TO 1159+01.98	LT./RT.	32894	435.9					
1168+67.98 TO 1169+72.50	LT./RT.	32899	100.9					
1169+45.00 TO 1169+47.00	RT.	32924	0.9					
1169+58.50 TO 1170+25.00	LT./RT.	38632	46.6					
1169+63.00 TO 1169+65.00	RT.	32923	0.9					
1169+66.00 TO 1169+68.00	LT.	32927	0.9					
1169+83.99 TO 1169+86.00	LT.	32928	0.9					
1174+61.98 TO 1176+76.00	LT./RT.	41151	255.5					
15+46.73 TO 17+17.20	RT.	41169	128.8				BL COLUMBUS	
SUB-TOTAL:			3061.1		3094.9			
TOTAL:			3061		3095			

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REVISIONS															
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TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			34		35		36		37		38		39		40		PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL						
0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	5		5		5		13		6		7		9		50			
0700 1 50	SINGLE POST SIGN, RELOCATE	AS									1						1			
0700 1 60	SINGLE POST SIGN, REMOVE	AS	2		1		2		2		4		1		4		16			
0700 3601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1		2		3		3		1		3		3		16			
0705 11 3	DELINEATOR, FLEXIBLE HIGH VISIBILITY MEDIAN	EA	1				2		2		3		3		4		15			
0710 90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	LS															1			
*	RETRO-REFLECTIVE PAVEMENT MARKER	EA																		
*	REFLECTIVE PAVEMENT MARKERS (W/R)	EA	52		29		44		48		53		51		58		335			
*	REFLECTIVE PAVEMENT MARKERS (B/B)	EA				1		1		2		1		1			6			
*	PAINT, STD., WHITE, SOLID, 6"	GM	0.253		0.171		0.175		0.186		0.237		0.165		0.165		1.352			
*	PAINT, STD., WHITE, SOLID, 8"	GM					0.056		0.063		0.051		0.048		0.088		0.306			
*	PAINT, STD., WHITE, SOLID, CROSSWALK/ROUNDAABOUT, 12"	LF							99				512				611			
*	PAINT, STD., WHITE, SOLID, STOP LINES/CROSSWALK, 24"	LF	37						50				74				161			
*	PAINT, STD., WHITE, SKIP, 6" (10/30)	GM	0.064		0.192		0.224		0.194		0.200		0.153		0.206		1.233			
*	PAINT, STD., WHITE, SKIP/DOTTED, 12" (3/9)	GM	0.002		0.028												0.030			
*	PAINT, STD., WHITE, DOTTED EXT., 6" (2/4)(6/10)	GM	0.010		0.038		0.039		0.047		0.044		0.049		0.068		0.295			
*	PAINT, STD., WHITE, MESSAGE OR SYMBOL (ONLY)	EA	4														4			
*	PAINT, STD., WHITE, ARROWS	EA																		
*	PAINT, STD., WHITE, ARROWS (LEFT)	EA	4		1		3		3		6		5		4		26			
*	PAINT, STD., WHITE, ARROWS (RIGHT)	EA	4														4			
*	PAINT, STD., WHITE, ARROWS (THRU)	EA																		
*	PAINT, STD., WHITE, ARROWS (U-TURN)	EA																		
*	PAINT, STD., YELLOW, SOLID, 6"	GM	0.113		0.213		0.205		0.208		0.207		0.164		0.212		1.322			
*	PAINT, STD., YELLOW, SOLID, 8"	GM																		
*	PAINT, STD., YELLOW, SOLID, DIAGONALS/CHEVRONS, 18"	LF																		
*	PAINT, STD., YELLOW, GUIDE LINE, 6" (2/4)	GM					0.012		0.006		0.008		0.007		0.012		0.045			
0710 11290	PAINT, STD., YELLOW, ISLAND NOSE	SF	2				3		3		3		7		7		25			
0711 11123	THERMO., STD., WHITE, SOLID, CROSSWALK/RA, 12"	LF							99				512				611			
0711 11125	THERMO., STD., WHITE, SOLID, STOP LINE, 24"	LF	37						50				74				161			
0711 11141	THERMO., STD., WHITE, DOTTED EXT., 6" (2/4)(6/10)	GM	0.010		0.038		0.039		0.047		0.044		0.049		0.068		0.295			
0711 11160	THERMO., STD., WHITE, MESSAGE (ONLY)	EA	4														4			
0711 11170	THERMO., STD., WHITE, ARROWS	EA																		
	THERMO., STD., ARROWS (LEFT)	EA	4		1		3		3		6		5		4		26			
	THERMO., STD., ARROWS (RIGHT)	EA	4														4			
	THERMO., STD., ARROWS (THRU)	EA																		
	THERMO., STD., ARROWS (U-TURN)	EA																		
0711 11224	THERMO., STD., YELLOW, SOLID, DIAG./CHEVRONS, 18"	LF																		
0711 11241	THERMO., STD., YELLOW, GUIDE LINE, 6" (2/4)	GM					0.012		0.006		0.008		0.007		0.012		0.045			
0711 14125	THERMO., PREFORMED, WHITE, SOLID, 24"	LF							80				465				545			
0711 14160	THERMO., PREFORMED, WHITE, MESSAGE OR SYMBOL (BIKE)	EA	3		3		3		3		3		4		3		22			
0711 14170	THERMO., PREFORMED, WHITE, ARROWS (BIKE THRU)	EA	3		3		3		3		3		4		3		22			
0711 16101	THERMO., STD. - OTHER, WHITE, SOLID, 6"	GM	0.253		0.171		0.175		0.186		0.237		0.165		0.165		1.352			
0711 16102	THERMO., STD. - OTHER, WHITE, SOLID, 8"	GM					0.056		0.063		0.051		0.048		0.088		0.306			
0711 16131	THERMO., STD. - OTHER, WHITE, SKIP, 6" (10/30)	GM	0.064		0.192		0.224		0.194		0.200		0.153		0.206		1.233			
0711 16133	THERMO., STD. - OTHER, WHITE, SKIP/DOTTED, 12" (3/9) LANE DROP	GM	0.002		0.028												0.030			
0711 16201	THERMO., STD. - OTHER, YELLOW, SOLID, 6"	GM	0.113		0.213		0.205		0.208		0.207		0.164		0.212		1.322			
0711 16202	THERMO., STD. - OTHER, YELLOW, SOLID, 8"	GM																		

NOTE (*) THESE QUANTITIES ARE PAID FOR UNDER PAINTED PAVEMENT MARKINGS (FINAL SURFACE), LUMP SUM - ITEM NO. 710-90. THE QUANTITIES SHOWN ARE FOR ONE APPLICATION, SEE SPECIFICATION 710- FOR THE NUMBER OF APPLICATIONS REQUIRED.

REVISIONS				DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			SHEET NO. 6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					NA	HILLSBOROUGH	437647-1-58-01	

TABULATION OF QUANTITIES
SIGNING & PAVT. MARKINGS

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

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			41		42		43		44		45		46		47		PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL						
0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS			6		9		4		8		12		8			47		
0700 1 50	SINGLE POST SIGN, RELOCATE	AS	1															1		
0700 1 60	SINGLE POST SIGN, REMOVE	AS			2		3		1		2		2		2			12		
0700 3601	SIGN PANEL, REMOVE, UP TO 12 SF	EA			2		2		2		4		3		2			15		
0705 11 3	DELINEATOR, FLEXIBLE HIGH VISIBILITY MEDIAN	EA	2		2		4				4		2		4			18		
0710 90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	LS																1		
*	RETRO-REFLECTIVE PAVEMENT MARKER	EA																		
*	REFLECTIVE PAVEMENT MARKERS (W/R)	EA	68		46		50		38		55		41		53			351		
*	REFLECTIVE PAVEMENT MARKERS (B/B)	EA	1		1													2		
*	PAINT, STD., WHITE, SOLID, 6"	GM	0.284		0.177		0.156		0.213		0.130		0.199		0.189			1.348		
*	PAINT, STD., WHITE, SOLID, 8"	GM	0.070		0.048		0.042		0.006		0.072		0.006		0.086			0.330		
*	PAINT, STD., WHITE, SOLID, CROSSWALK/ROUNDAABOUT, 12"	LF	252				493						100					845		
*	PAINT, STD., WHITE, SOLID, STOP LINES/CROSSWALK, 24"	LF	98		25		104						50					276		
*	PAINT, STD., WHITE, SKIP, 6" (10/30)	GM	0.095		0.190		0.154		0.208		0.224		0.192		0.224			1.287		
*	PAINT, STD., WHITE, SKIP/DOTTED, 12" (3/9)	GM																		
*	PAINT, STD., WHITE, DOTTED EXT., 6" (2/4)(6/10)	GM	0.073		0.046		0.062		0.038		0.081		0.049		0.031			0.380		
*	PAINT, STD., WHITE, MESSAGE OR SYMBOL (ONLY)	EA	1										1		1			3		
*	PAINT, STD., WHITE, ARROWS	EA																		
*	PAINT, STD., WHITE, ARROWS (LEFT)	EA	6		2		5		3		4		3		2			25		
*	PAINT, STD., WHITE, ARROWS (RIGHT)	EA																		
*	PAINT, STD., WHITE, ARROWS (THRU)	EA	1															1		
*	PAINT, STD., WHITE, ARROWS (U-TURN)	EA													2			2		
*	PAINT, STD., YELLOW, SOLID, 6"	GM	0.153		0.199		0.174		0.212		0.204		0.172		0.205			1.319		
*	PAINT, STD., YELLOW, SOLID, 8"	GM	0.010															0.010		
*	PAINT, STD., YELLOW, SOLID, DIAGONALS/CHEVRONS, 18"	LF	30															30		
*	PAINT, STD., YELLOW, GUIDE LINE, 6" (2/4)(6/10)	GM	0.014		0.014						0.012				0.014			0.054		
0710 11290	PAINT, STD., YELLOW, ISLAND NOSE	SF	30		5		5				7		3		7			57		
0711 11123	THERMO., STD., WHITE, SOLID, CROSSWALK/RA, 12"	LF	252				493						100					845		
0711 11125	THERMO., STD., WHITE, SOLID, STOP LINE, 24"	LF	98		25		104						50					276		
0711 11141	THERMO., STD., WHITE, DOTTED EXT., 6" (2/4)(6/10)	GM	0.073		0.046		0.062		0.038		0.081		0.049		0.031			0.380		
0711 11160	THERMO., STD., WHITE, MESSAGE (ONLY)	EA	1										1		1			3		
0711 11170	THERMO., STD., WHITE, ARROWS	EA																		
	THERMO., STD., ARROWS (LEFT)	EA	6		2		5		3		4		3		2			25		
	THERMO., STD., ARROWS (RIGHT)	EA																		
	THERMO., STD., ARROWS (THRU)	EA	1															1		
	THERMO., STD., ARROWS (U-TURN)	EA													2			2		
0711 11224	THERMO., STD., YELLOW, SOLID, DIAG./CHEVRONS, 18"	LF	30															30		
0711 11241	THERMO., STD., YELLOW, GUIDE LINE, 6" (2/4)(6/10)	GM	0.014		0.014						0.012				0.014			0.054		
0711 14125	THERMO., PREFORMED, WHITE, SOLID, 24"	LF	210				460						80					750		
0711 14160	THERMO., PREFORMED, WHITE, MESSAGE OR SYMBOL (BIKE)	EA	4		5		4		4		4		4		3			28		
0711 14170	THERMO., PREFORMED, WHITE, ARROWS (BIKE THRU)	EA	4		4		5		4		4		4		3			28		
0711 16101	THERMO., STD. - OTHER, WHITE, SOLID, 6"	GM	0.284		0.177		0.156		0.213		0.130		0.199		0.189			1.348		
0711 16102	THERMO., STD. - OTHER, WHITE, SOLID, 8"	GM	0.070		0.048		0.042		0.006		0.072		0.006		0.086			0.330		
0711 16131	THERMO., STD. - OTHER, WHITE, SKIP, 6" (10/30)	GM	0.095		0.190		0.154		0.208		0.224		0.192		0.224			1.287		
0711 16133	THERMO., STD. - OTHER, WHITE, SKIP/DOTTED, 12" (3/9) LANE DROP	GM																		
0711 16201	THERMO., STD. - OTHER, YELLOW, SOLID, 6"	GM	0.153		0.199		0.174		0.212		0.204		0.172		0.205			1.319		
0711 16202	THERMO., STD. - OTHER, YELLOW, SOLID, 8"	GM	0.010															0.010		

NOTE (*) THESE QUANTITIES ARE PAID FOR UNDER PAINTED PAVEMENT MARKINGS (FINAL SURFACE), LUMP SUM - ITEM NO. 710-90. THE QUANTITIES SHOWN ARE FOR ONE APPLICATION, SEE SPECIFICATION 710- FOR THE NUMBER OF APPLICATIONS REQUIRED.

<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			Derek M. Gil, P.E. P.E. No.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921			CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			ROAD NO. COUNTY FINANCIAL PROJECT ID NA HILLSBOROUGH 437647-1-58-01			TABULATION OF QUANTITIES SIGNING & PAVT. MARKINGS		SHEET NO. 7
REVISIONS																					
DATE	DESCRIPTION																				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23-004, F.A.C.

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			48		49		50													
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	7		6		3											16	113	
0700 1 50	SINGLE POST SIGN, RELOCATE	AS																	2	
0700 1 60	SINGLE POST SIGN, REMOVE	AS	1				1											2	30	
0700 3601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1		2													3	34	
0705 11 3	DELINEATOR, FLEXIBLE HIGH VISIBILITY MEDIAN	EA	1		2		1											4	37	
0710 90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	LS																1	1	
*	RETRO-REFLECTIVE PAVEMENT MARKER	EA																	758	
*	REFLECTIVE PAVEMENT MARKERS (W/R)	EA	34		19		11											64		
*	REFLECTIVE PAVEMENT MARKERS (B/B)	EA																		
*	PAINT, STD., WHITE, SOLID, 6"	GM	0.151		0.069		0.046											0.266	2.966	
*	PAINT, STD., WHITE, SOLID, 8"	GM																	0.636	
*	PAINT, STD., WHITE, SOLID, CROSSWALK/ROUNDOABOUT, 12"	LF																	1456	
*	PAINT, STD., WHITE, SOLID, STOP LINES/CROSSWALK, 24"	LF	52				13											65	502	
*	PAINT, STD., WHITE, SKIP, 6" (10/30)	GM	0.088															0.088	2.608	
*	PAINT, STD., WHITE, SKIP/DOTTED, 12" (3/9)	GM																	0.030	
*	PAINT, STD., WHITE, DOTTED EXT., 6" (2/4)(6/10)	GM	0.032		0.034		0.034											0.100	0.775	
*	PAINT, STD., WHITE, MESSAGE OR SYMBOL (ONLY)	EA																	7	
*	PAINT, STD., WHITE, ARROWS	EA																	72	
*	PAINT, STD., WHITE, ARROWS (LEFT)	EA	5		5		4											14		
*	PAINT, STD., WHITE, ARROWS (RIGHT)	EA																		
*	PAINT, STD., WHITE, ARROWS (THRU)	EA																		
*	PAINT, STD., WHITE, ARROWS (U-TURN)	EA																		
*	PAINT, STD., YELLOW, SOLID, 6"	GM	0.156		0.186		0.155											0.497	3.138	
*	PAINT, STD., YELLOW, SOLID, 8"	GM																	0.010	
*	PAINT, STD., YELLOW, SOLID, DIAGONALS/CHEVRONS, 18"	LF																	30	
*	PAINT, STD., YELLOW, GUIDE LINE, 6" (2/4)	GM	0.014															0.014	0.113	
0710 11290	PAINT, STD., YELLOW, ISLAND NOSE	SF	12		3		2											17	99	
0711 11123	THERMO., STD., WHITE, SOLID, CROSSWALK/RA, 12"	LF																	1456	
0711 11125	THERMO., STD., WHITE, SOLID, STOP LINE, 24"	LF	52				13											65	502	
0711 11141	THERMO., STD., WHITE, DOTTED EXT., 6" (2/4)(6/10)	GM	0.032		0.034		0.034											0.100	0.775	
0711 11160	THERMO., STD., WHITE, MESSAGE (ONLY)	EA																	7	
0711 11170	THERMO., STD., WHITE, ARROWS	EA																	72	
	THERMO., STD., ARROWS (LEFT)	EA	5		5		4											14		
	THERMO., STD., ARROWS (RIGHT)	EA																		
	THERMO., STD., ARROWS (THRU)	EA																		
	THERMO., STD., ARROWS (U-TURN)	EA																		
0711 11224	THERMO., STD., YELLOW, SOLID, DIAG./CHEVRONS, 18"	LF																	30	
0711 11241	THERMO., STD., YELLOW, GUIDE LINE, 6" (2/4)	GM																	0.099	
0711 14125	THERMO., PREFORMED, WHITE, SOLID, 24"	LF																	1295	
0711 14160	THERMO., PREFORMED, WHITE, MESSAGE OR SYMBOL (BIKE)	EA	2															2	52	
0711 14170	THERMO., PREFORMED, WHITE, ARROWS (BIKE THRU)	EA	2															2	52	
0711 16101	THERMO., STD. - OTHER, WHITE, SOLID, 6"	GM	0.151		0.069		0.046											0.266	2.966	
0711 16102	THERMO., STD. - OTHER, WHITE, SOLID, 8"	GM																	0.636	
0711 16131	THERMO., STD. - OTHER, WHITE, SKIP, 6" (10/30)	GM	0.088															0.088	2.608	
0711 16133	THERMO., STD. - OTHER, WHITE, SKIP/DOTTED, 12" (3/9) LANE DROP	GM																	0.030	
0711 16201	THERMO., STD. - OTHER, YELLOW, SOLID, 6"	GM	0.156		0.186		0.155											0.497	3.138	
0711 16202	THERMO., STD. - OTHER, YELLOW, SOLID, 8"	GM																	0.010	

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REVISIONS				CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				NA	HILLSBOROUGH	437647-1-58-01	

DEREK M. GIL, P.E.
P.E. NO.: 54798
ELEMENT ENGINEERING GROUP
1713 E 9th AVENUE
TAMPA, FL 33605
CERTIFICATE OF AUTHORIZATION: 26921

TABULATION OF QUANTITIES
SIGNING & PAVT. MARKINGS

8

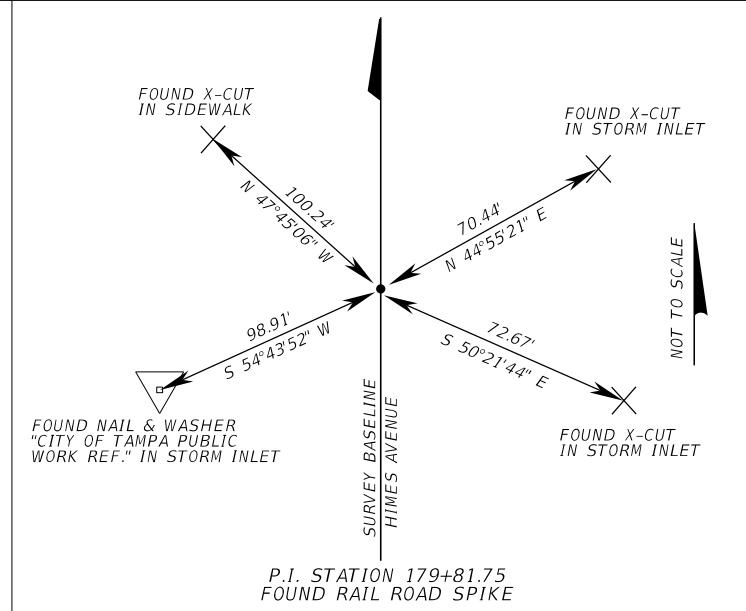
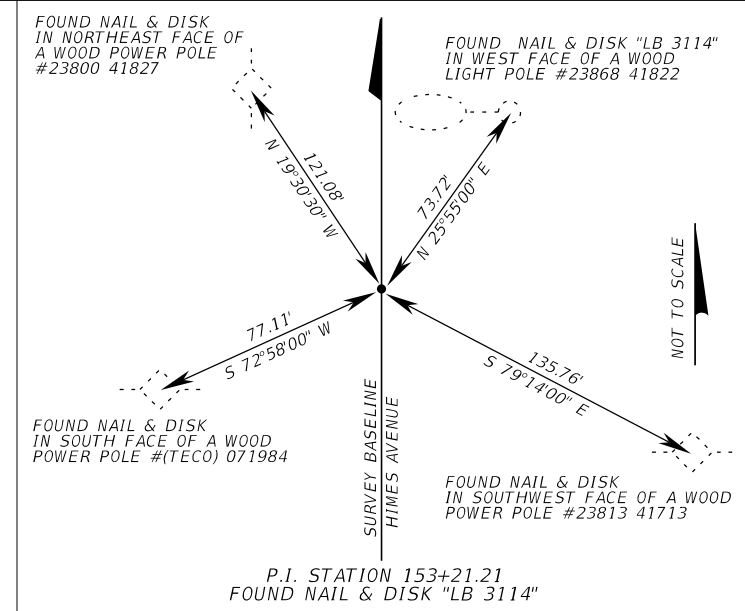
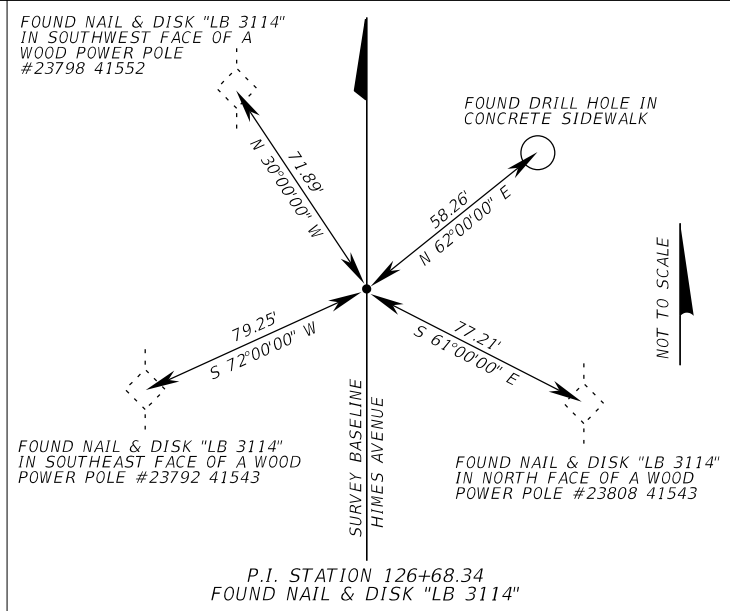
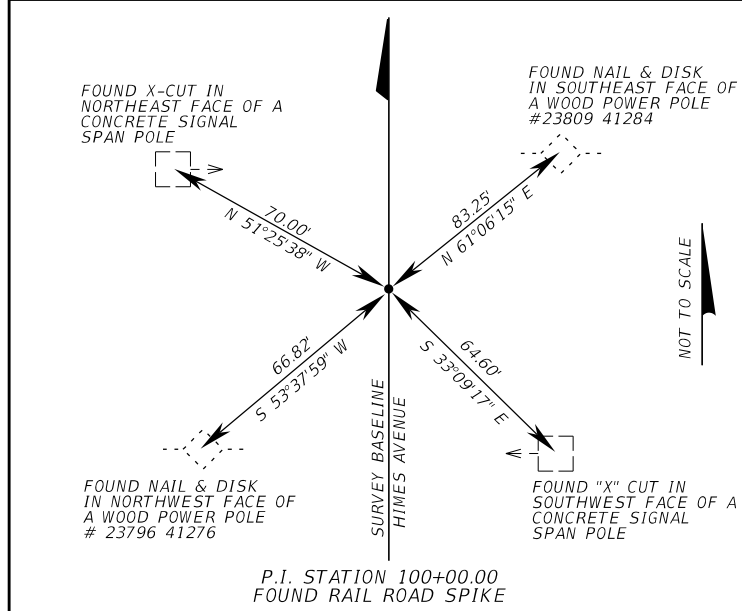
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TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS												TOTAL THIS SHEET		GRAND TOTAL	
			51		52		53		54		55		PLAN	FINAL	PLAN	FINAL		
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL						
630-2-12	CONDUIT (F&I) (DIRECTIONAL BORE)	LF			110				195								305	305
632-7-2	SIGNAL CABLE (REPAIR/REPLACE/OTHER) (F&I)	LF			294		7		440								741	741
635-2-11	PULL & SPLICE BOX (F&I) (13" x 24")	EA			1		5		2								8	8
646-1-40	ALUMINUM SIGNALS POLE (RELOCATE)	EA					1										1	1
650-1-70	TRAFFIC SIGNAL, RELOCATE- INCLUDES REMOVAL AND REINSTALLATION	AS			4				4		5						13	13
650-2-102	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT- FURNISH & INSTALL, BACKPLATE- BLACK WITH REFLECT BORDER	EA			4				4		2						10	10
660-2-101	LOOP ASSEMBLY (F&I) (TYPE A)	AS			1				1								2	2
660-2-106	LOOP ASSEMBLY (F&I) (TYPE F)	AS			1				2		2						5	5
660-3-51	VEHICLE DETECTION SYSTEM (MICROWAVE) (ADJUST & MODIFY) (CABINET EQUIPMENT)	EA	1														1	1
670-5-400	TRAFFIC CONTROLLER ASSEMBLY (MODIFY)	AS			1				1		1						3	3

DATE	REVISIONS		DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			TABULATION OF QUANTITIES SIGNALIZATION	SHEET NO. 9	
	DESCRIPTION	DATE		DESCRIPTION	ROAD NO.	COUNTY			FINANCIAL PROJECT ID
					NA	HILLSBOROUGH			437647-1-58-01

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DEREK M. GIL, P.E.
P.E. NO.: 54798
ELEMENT ENGINEERING GROUP
1713 E 9th AVENUE
TAMPA, FL 33605
CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

PROJECT CONTROL

SHEET NO.
10

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

GENERAL NOTES

1. CITY OF TAMPA STANDARD DRAWINGS ARE AVAILABLE AT THE CITY MUNICIPAL OFFICE BUILDING, 306 E. JACKSON STREET, 5TH FLOOR, NORTH WING.
2. BENCHMARK ELEVATIONS SHOWN ON THE PLANS DEPICT THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
3. RIGHT OF WAY INFORMATION SHOWN ON THE PLANS IS BASED ON INFORMATION OBTAINED FROM CITY OF TAMPA PUBLIC WORKS DEPARTMENT RIGHT OF WAY MAP FILE NUMBER PW84-56AB (DATED 8/1985), CITY OF TAMPA PUBLIC WORKS DEPARTMENT RIGHT OF WAY MAP (NO FILE NUMBER) BY DSA (DATED 7/1985) AND THE HILLSBOROUGH COUNTY PROPERTY APPRAISER.
4. EXISTING GRASSED AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE SODDED, NOT SEEDED OR MULCHED.
5. ALL RIGHT OF WAY STATION OFFSET/CALL OUTS ARE TO THE BL SURVEY.
6. ALL PROTECTED TREES SHALL BE BARRICADED IN ACCORDANCE WITH THE CITY OF TAMPA TREE PROTECTION DETAIL. SEE CHAPTER 13: TREE AND LANDSCAPE CODE, TECHNICAL MANUAL.
7. ALL ROOTS TO BE REMOVED DURING THE PROJECT SHALL BE SEVERED CLEAN AT THE PERIMETER OF THE PROTECTED ROOT ZONE BY A LICENSED CERTIFIED ARBORIST.
8. ALL SOD SHALL BE MAINTAINED FOR 90-DAYS IN ACCORDANCE WITH THE SPECIFICATIONS.
9. PROTECT EXISTING LANDSCAPE AND IRRIGATION IN THE MEDIAN ON COLUMBUS DRIVE. A CITY LANDSCAPE ARCHITECT WILL OVERSEE THE PLANT SELECTION AND INSTALLATION FOR ANY REPLACEMENTS AND REPAIRS REQUIRED DUE TO DAMAGE DURING CONSTRUCTION.
10. BAHIA SOD SHALL BE USED TO REPAIR AREAS DISTURBED BY CONSTRUCTION. SOD TO BE TRUCK WATERED FOR ESTABLISHMENT PERIOD OF 90-DAYS.

UTILITY ADJUSTMENT NOTES

1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh and Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS / ELEVATIONS APPLY ONLY AT THE POINT SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
2. EXERCISE CAUTION WHEN WORKING NEAR WATER VALVE BOXES, METERS, AND HYDRANTS. IF PROBLEMS OCCUR, CALL THE WATER DEPARTMENT TRIAGE CENTER AT 274-7400.
3. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED. EXISTING UTILITY MANHOLES OR VALVE COVERS NOTED "TO BE ADJUSTED" SHALL BE ADJUSTED IN ELEVATION AND/OR CROSS SLOPE AS NECESSARY TO CONFORM TO THE FINISHED GRADE USING ADJUSTING RINGS. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY OWNERS FOR DELIVERY OF THE ADJUSTING RINGS. UTILITY WORK SHOWN IN THE PLANS TO BE ADJUSTED OR REMOVED "BY OTHERS" ARE THE RESPONSIBILITY OF THE UTILITY OWNER.
4. AFTER RESURFACING OPERATIONS HAVE BEEN COMPLETED, CONTRACTOR SHALL ENSURE THAT ALL WATER VALVE BOXES (AS IDENTIFIED IN THE PLANS) HAVE NOT BEEN OVERLAID DURING RESURFACING OPERATIONS.
5. CITY OF TAMPA DOES NOT CERTIFY THE LOCATION OR EXISTENCE OF ANY UNDERGROUND UTILITIES, NOR AS TO THE SOIL OR GROUND CONDITIONS, AND ASSUMES NO LIABILITY FOR SUCH. THE CONTRACTOR MUST VERIFY ALL EXISTING UNDERGROUND UTILITIES AS TO THEIR LOCATION AND ELEVATION PRIOR TO COMMENCEMENT OF WORK.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OF THE COORDINATION OF CONSTRUCTION SCHEDULING BETWEEN THE CONTRACTOR & ALL UTILITY AGENCIES. NOTE: THIS INCLUDES MEETING WITH UTILITY AGENCIES PRIOR TO THE PRE-CONSTRUCTION CONFERENCE TO ADJUST THEIR SCHEDULES TO COINCIDE WITH THE CONTRACTOR'S CONSTRUCTION SCHEDULE. (REFERENCE CONTRACT DOCUMENTS.)

UTILITY OWNERS:

BRIGHT HOUSE NETWORKS (BHN)
 RANDY LYLE 813-684-6100, EXT. 32143
 4145 S FALKENBURG RD
 RIVERVIEW, FL 33578

LEVEL 3 COMMUNICATIONS, LLC. (LEVEL 3)
 NETWORK RELATIONS 877-366-8344, EXT. 2
 1025 ELDORADO BLVD.
 BROOMFIELD, CO 80021

CITY OF TAMPA TRANSPORTATION (COT)
 VIK BHIDE 813-274-8066
 1104 E. TWIGGS SUITE 200
 TAMPA, FL 33602

TAMPA ELECTRIC COMPANY (TECO) &
 TECO FIBER OPTIC
 JASON COOPER 813-275-3037
 P.O. BOX 111
 TAMPA, FL 33601

CITY OF TAMPA SEWER (COT SEWER)
 RICHARD RIVERA 813-274-8957
 306 E. JACKSON ST.
 TAMPA, FL 33602

TECO PEOPLES GAS - TAMPA (TECO GAS)
 JACK EVERIDGE 813-275-3729
 1400 CHANNELSIDE DR.
 TAMPA, FL 33605

CITY OF TAMPA WATER (COT WATER)
 ANDRE BIEN-AIME 813-274-8593
 306 E. JACKSON ST.
 MC:400-A5E
 TAMPA, FL 33602

VERIZON BUSINESS (VERIZON)
 DEAN BOYERS 972-729-6016

FIBERLIGHT, LLC.
 TIM GREEN 813-877-7183
 792 S MILITARY TRAIL
 DEERFIELD BEACH, FL 33442

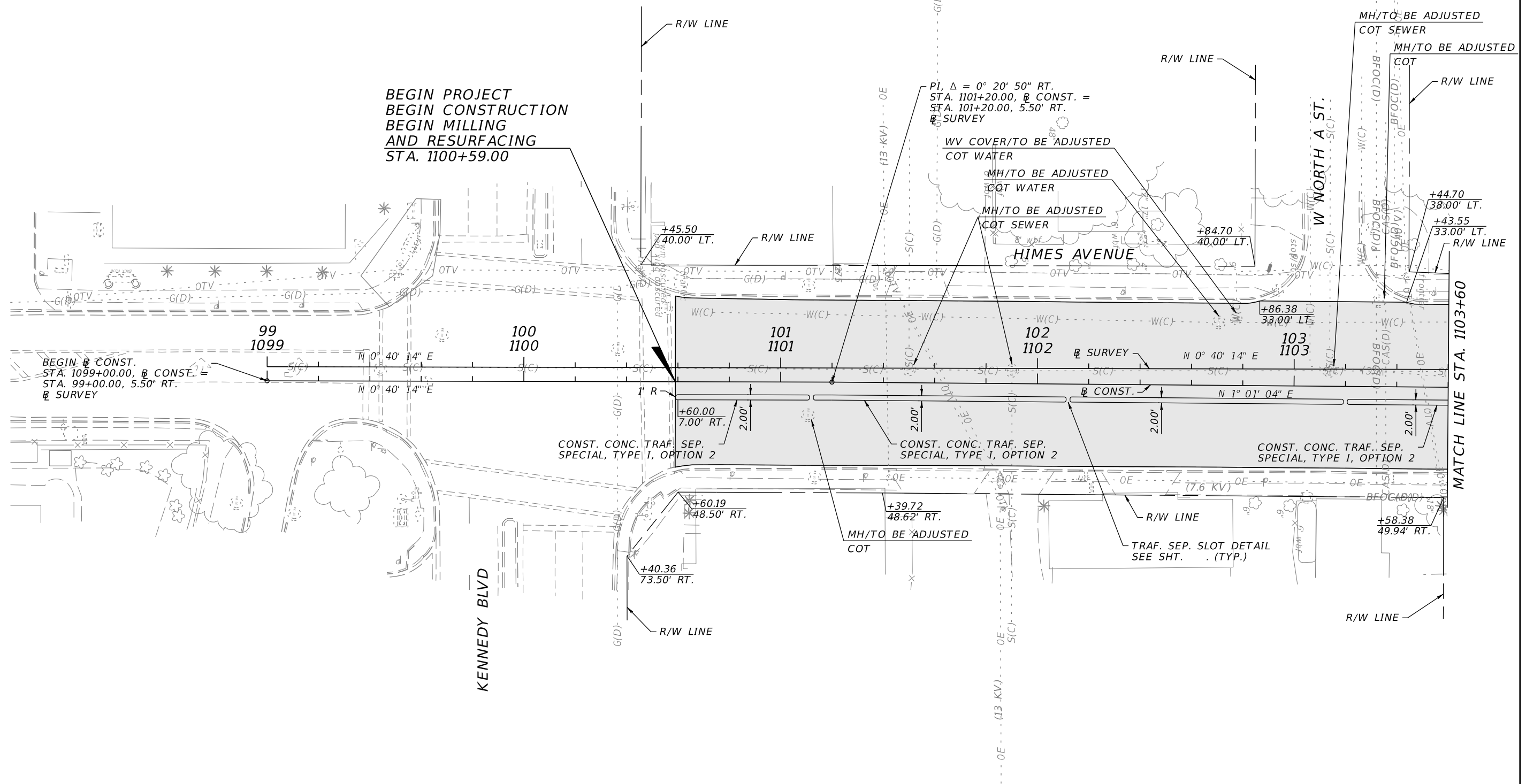
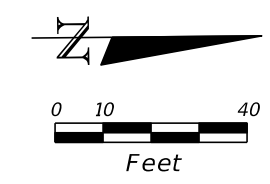
XO COMMUNICATIONS (XO)
 JEFF SBROCCO 813-301-4047
 5904-A HAMPTON OAKS PARKWAY
 TAMPA, FL 33610

FPL FIBERNET (FPL)
 DANNY HASKETT 305-552-2931
 9250 W FLAGLER STREET
 MIAMI, FL 33174

WINDSTREAM COMMUNICATIONS
 LOCATE DESK 800-289-1901
 929 MARTHAS WAY
 HIAWATHA, IA 52233

FRONTIER COMMUNICATIONS (FRONTIER)
 DANIEL COLLINGS 813-874-5005
 3712 W WALNUT ST.
 TAMPA, FL 33607

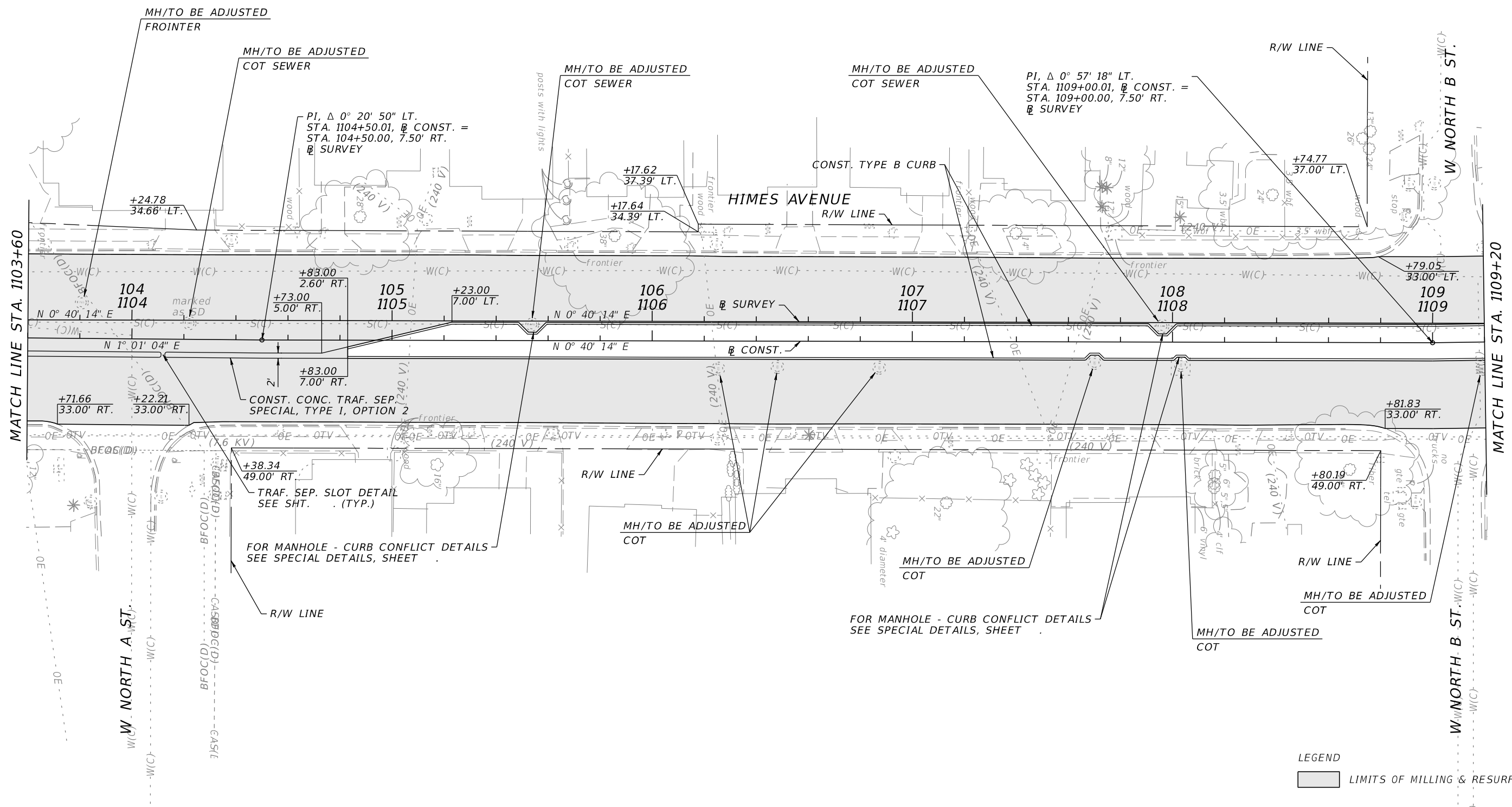
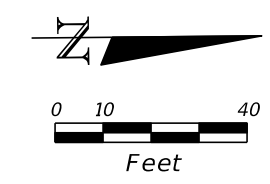
REVISIONS				DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			GENERAL NOTES	SHEET NO. 11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	437647-1-58-01		



LEGEND
 LIMITS OF MILLING & RESURFACING

REVISIONS				DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		12
					NA	HILLSBOROUGH	437647-1-58-01		

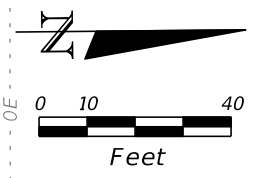
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LEGEND
 LIMITS OF MILLING & RESURFACING

REVISIONS				DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		13
					NA	HILLSBOROUGH	437647-1-58-01		

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PI, Δ = 1° 38' 13" RT.
 STA. 1113+20.06, @ CONST. =
 STA. 113+20.00, 0.50' RT.
 @ SURVEY

W NORTH B ST.

MATCH LINE STA. 1109+20

W NORTH B ST.

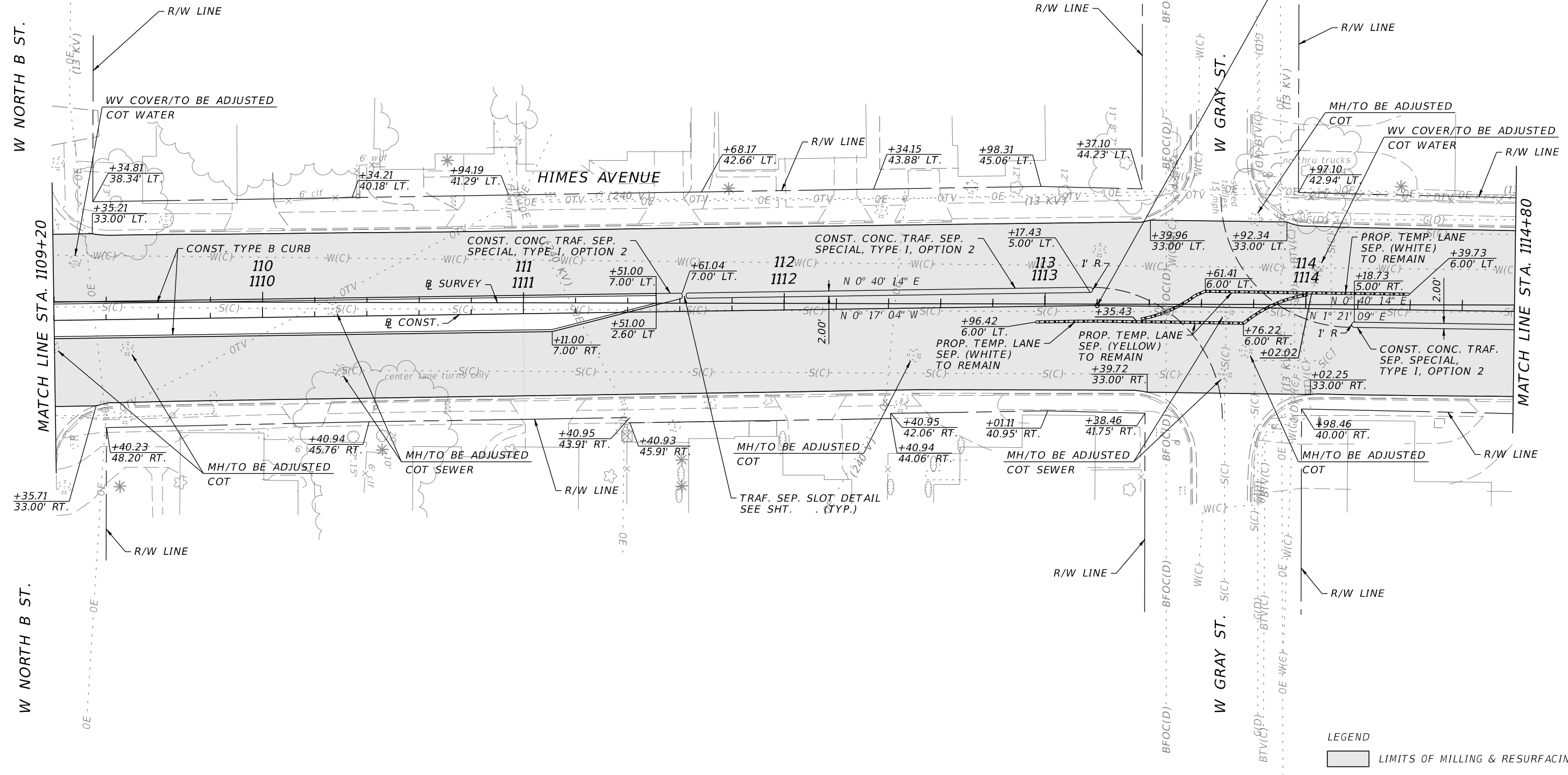
R/W LINE

W GRAY ST.

W GRAY ST.

HIMES AVENUE

MATCH LINE STA. 1114+80



LEGEND
 [Shaded Box] LIMITS OF MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

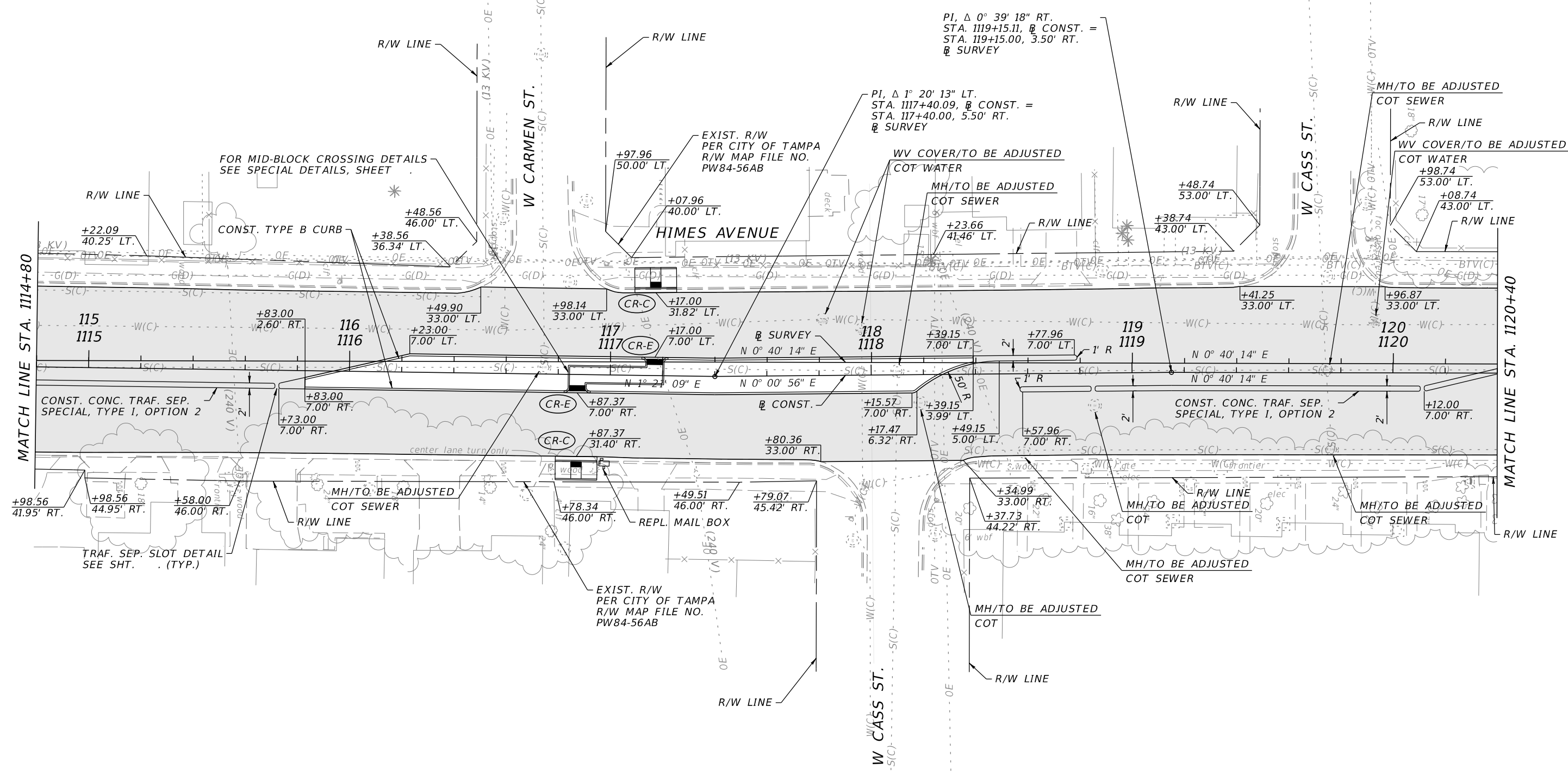
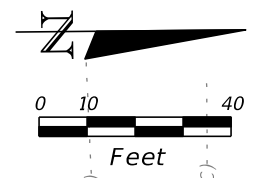
DEREK M. GIL, P.E.
 P.E. NO.: 54798
 ELEMENT ENGINEERING GROUP
 1713 E 9th AVENUE
 TAMPA, FL 33605
 CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

ROADWAY PLAN

SHEET NO.
 14

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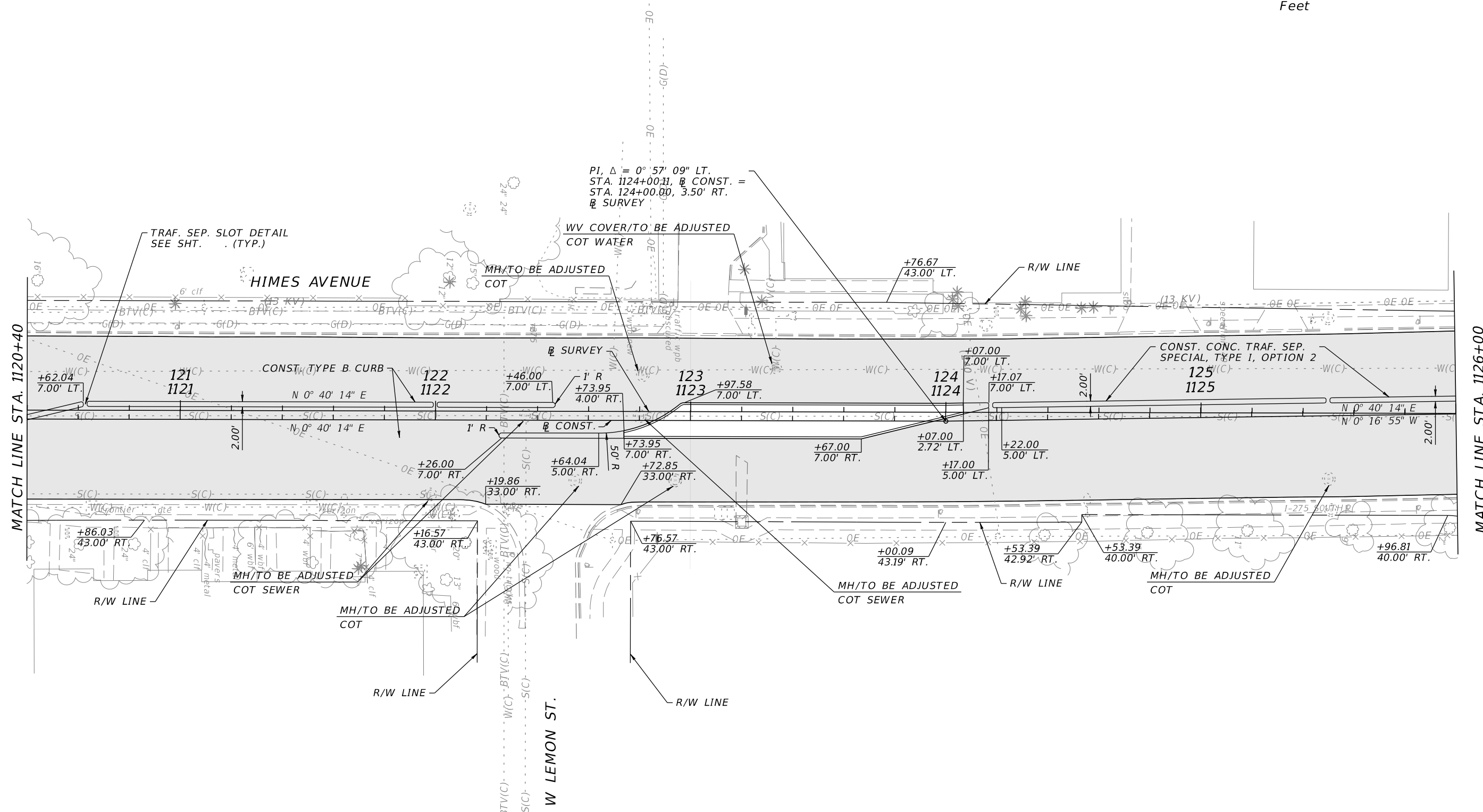
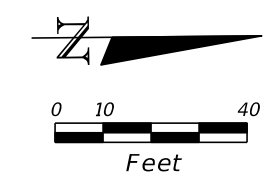


LEGEND

	LIMITS OF MILLING & RESURFACING
	DETECTABLE WARNING

REVISIONS				DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		15
					NA	HILLSBOROUGH	437647-1-58-01		

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LEGEND
 LIMITS OF MILLING & RESURFACING

REVISIONS			
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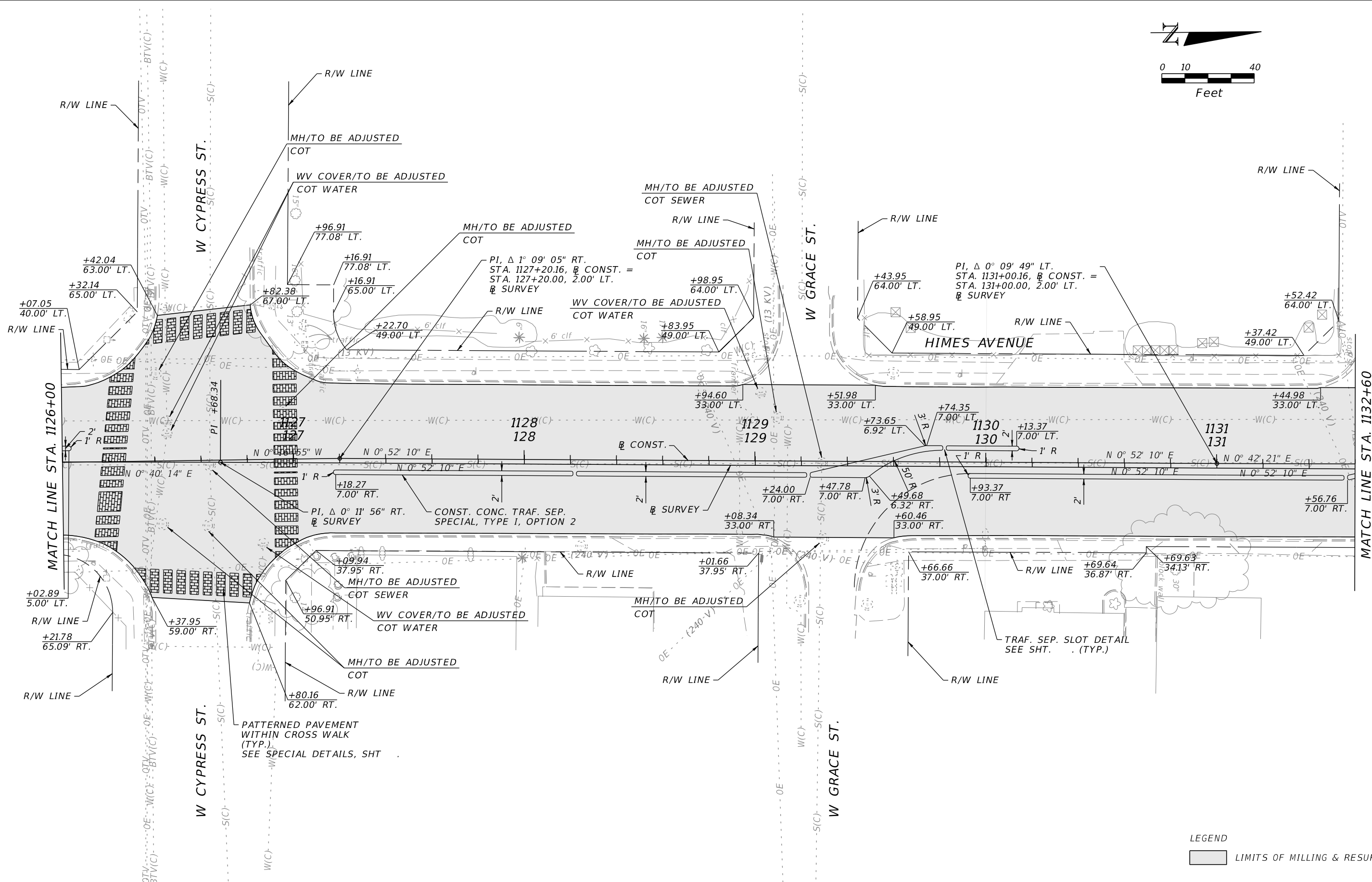
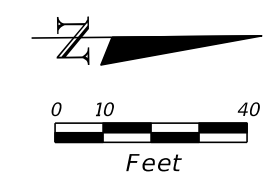
DEREK M. GIL, P.E.
 P.E. NO.: 54798
 ELEMENT ENGINEERING GROUP
 1713 E 9th AVENUE
 TAMPA, FL 33605
 CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

ROADWAY PLAN

SHEET NO.
16

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LEGEND
 LIMITS OF MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

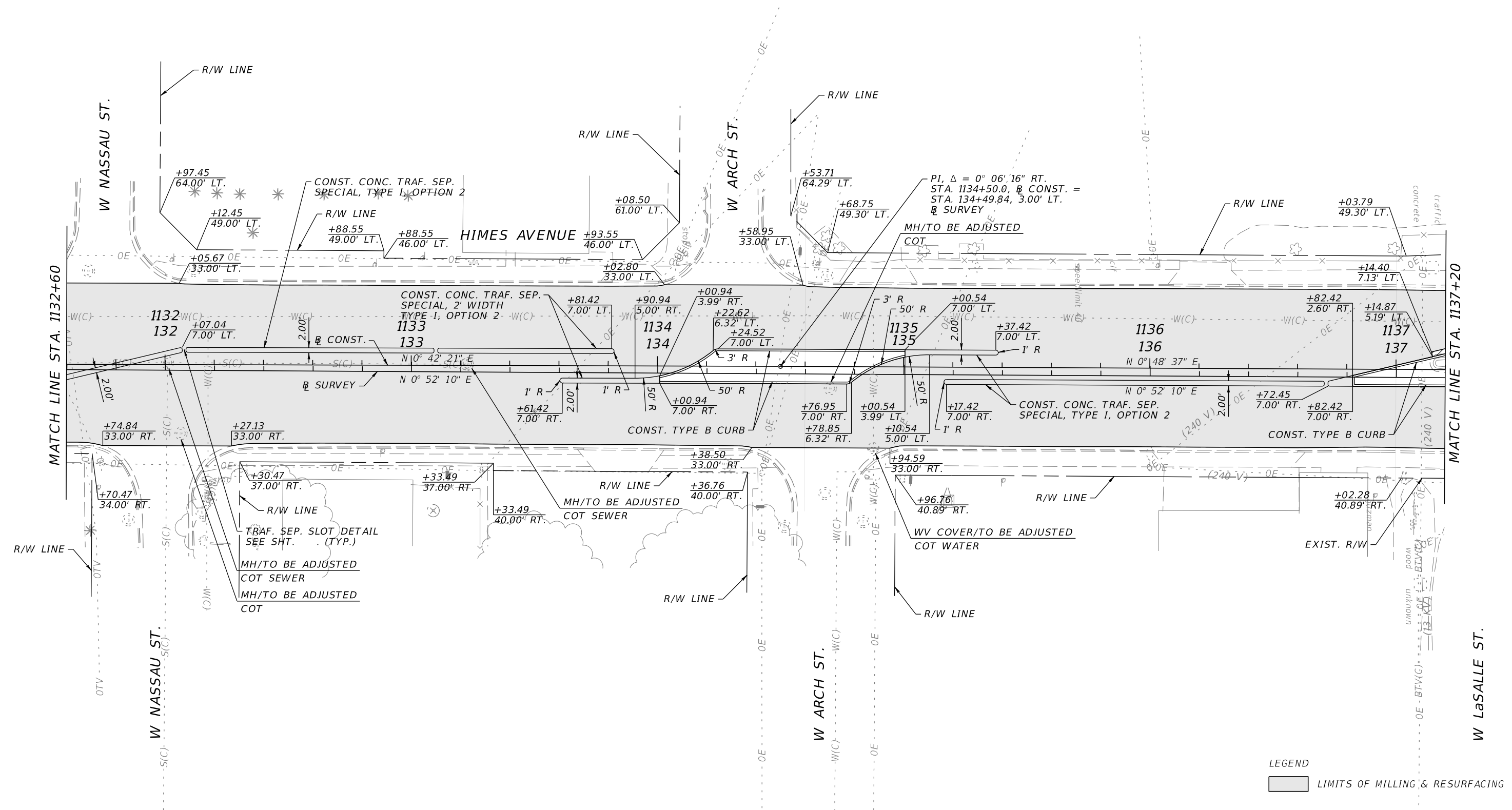
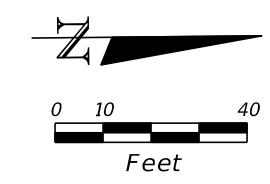
DEREK M. GIL, P.E.
 P.E. NO.: 54798
 ELEMENT ENGINEERING GROUP
 1713 E 9th AVENUE
 TAMPA, FL 33605
 CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

ROADWAY PLAN

SHEET NO.
 17

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LEGEND
 LIMITS OF MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DEREK M. GIL, P.E.
 P.E. NO.: 54798
 ELEMENT ENGINEERING GROUP
 1713 E 9th AVENUE
 TAMPA, FL 33605
 CERTIFICATE OF AUTHORIZATION: 26921

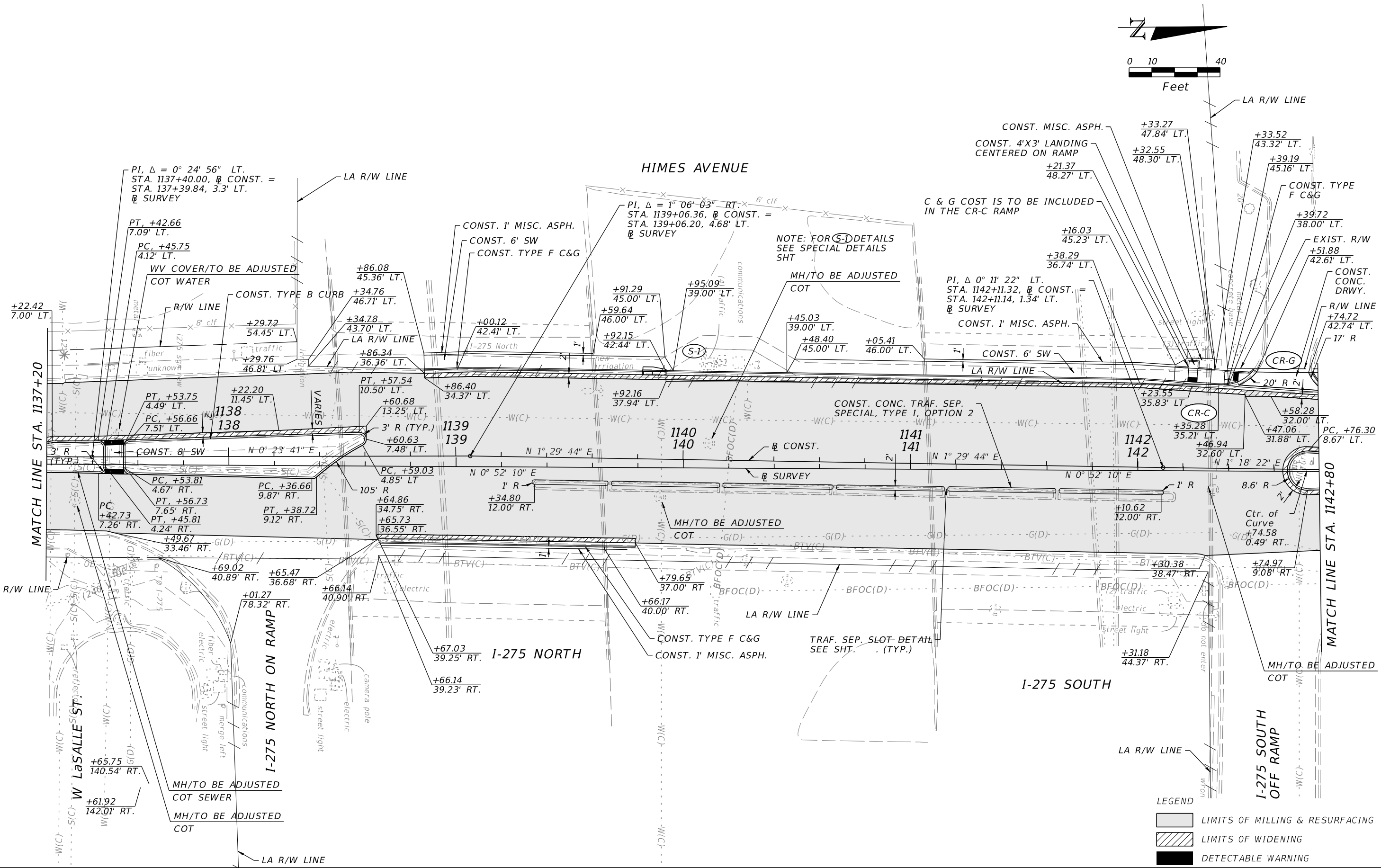
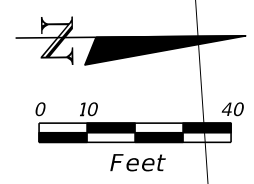
CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

ROADWAY PLAN

SHEET
NO.

18

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LEGEND

	LIMITS OF MILLING & RESURFACING
	LIMITS OF WIDENING
	DETECTABLE WARNING

REVISIONS	
DATE	DESCRIPTION

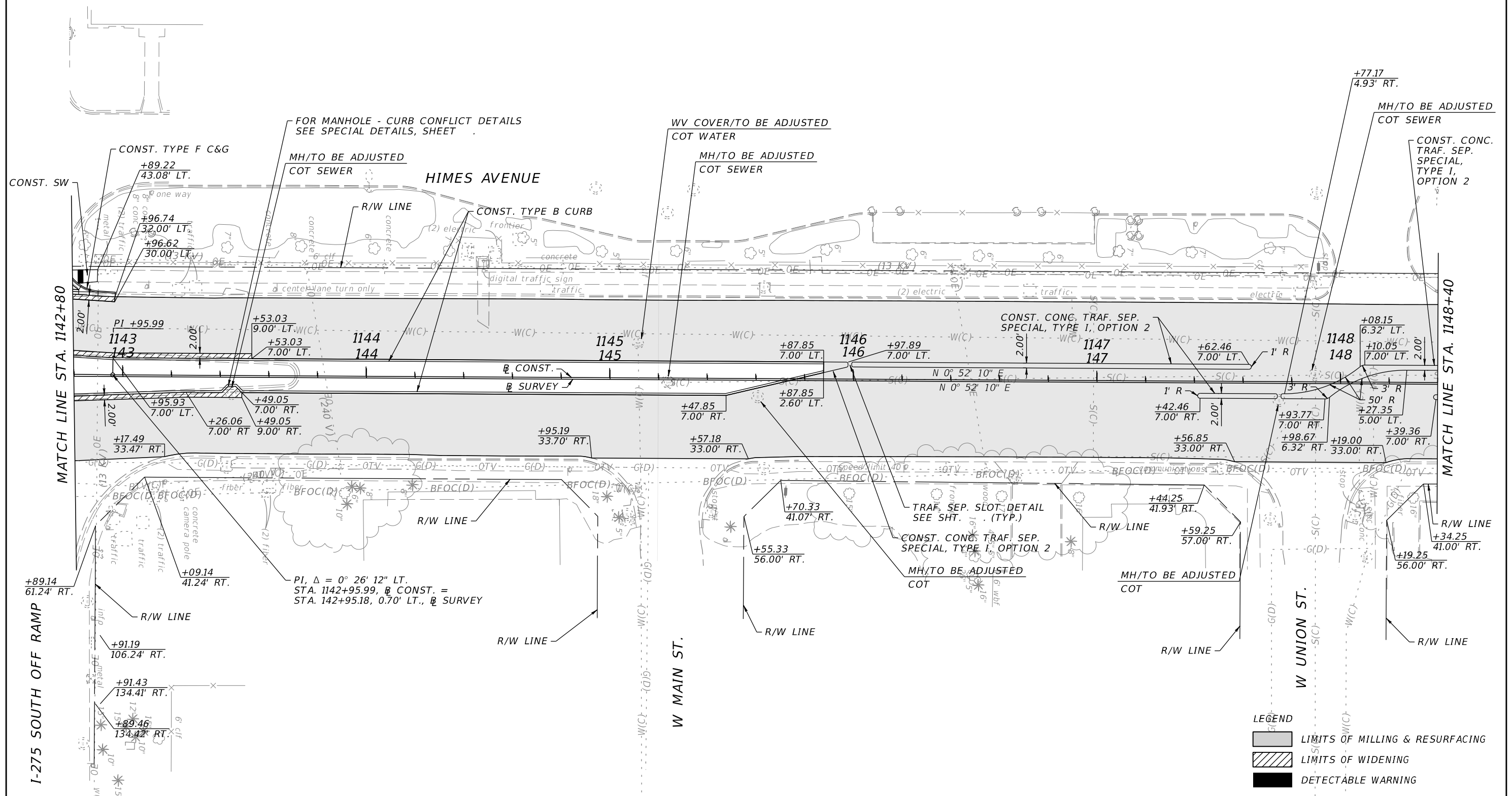
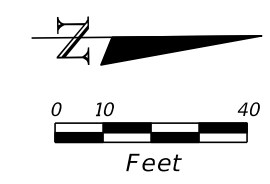
DEREK M. GIL, P.E.
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 ELEMENT ENGINEERING GROUP
 1713 E 9th AVENUE
 TAMPA, FL 33605
 CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

ROADWAY PLAN

SHEET NO.
19

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

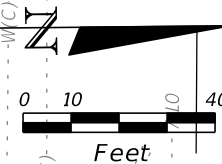
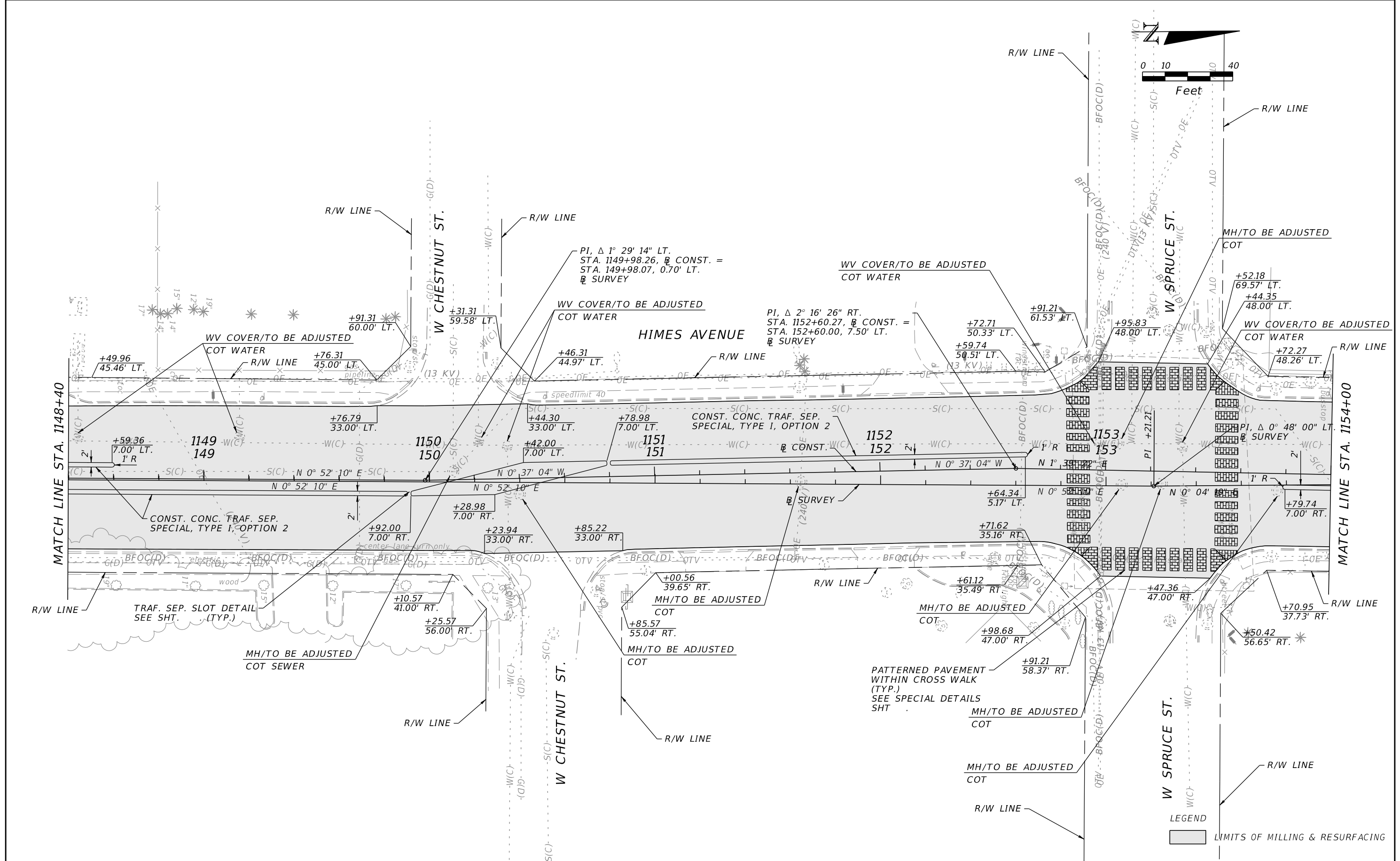
DEREK M. GIL, P.E.
 P.E. NO.: 54798
 ELEMENT ENGINEERING GROUP
 1713 E 9th AVENUE
 TAMPA, FL 33605
 CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

ROADWAY PLAN

SHEET NO.
20

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

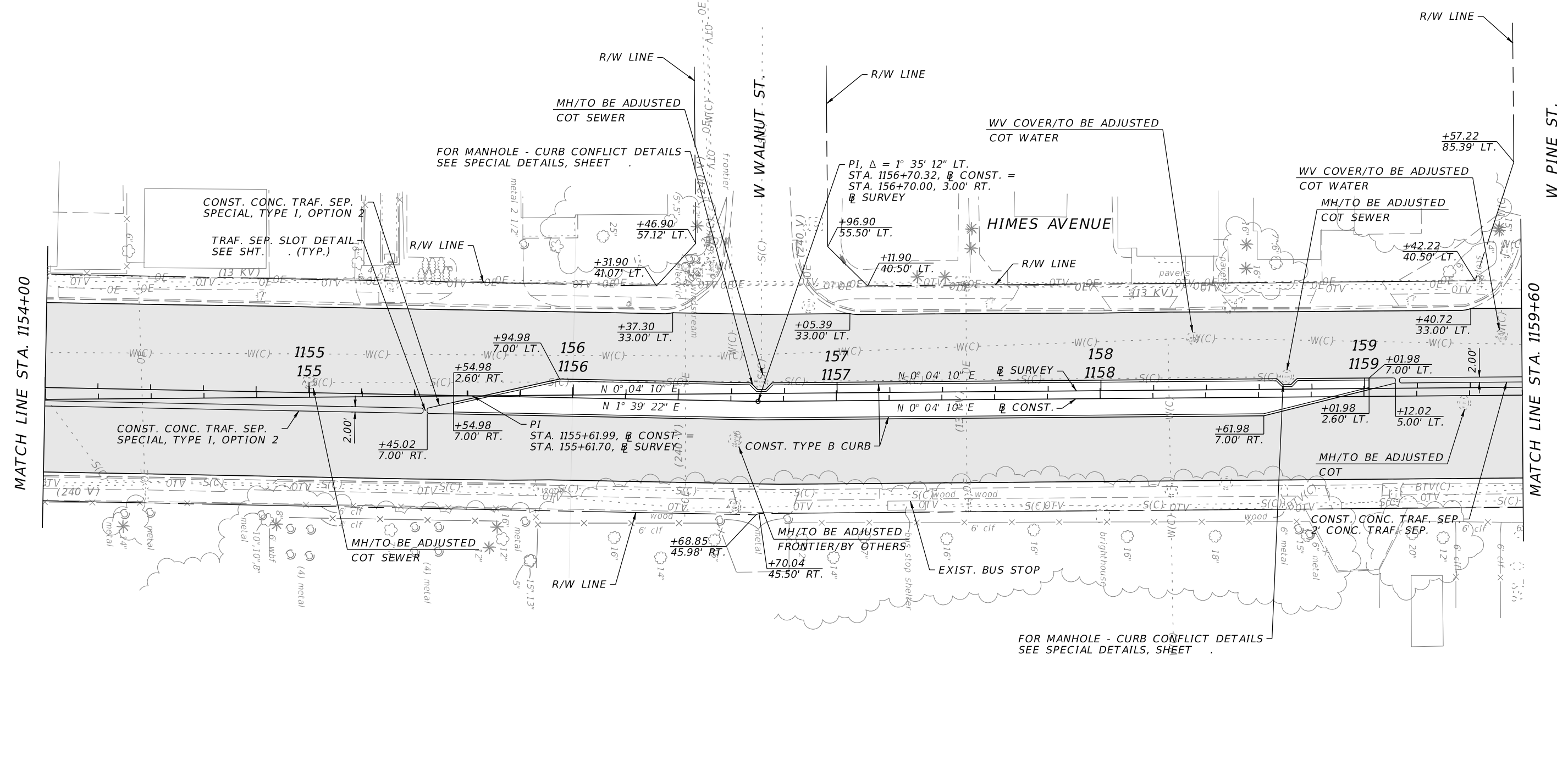
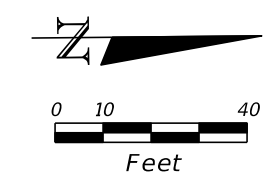
DEREK M. GIL, P.E.
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 TAMPA, FL 33605
 CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

ROADWAY PLAN

SHEET NO.
21

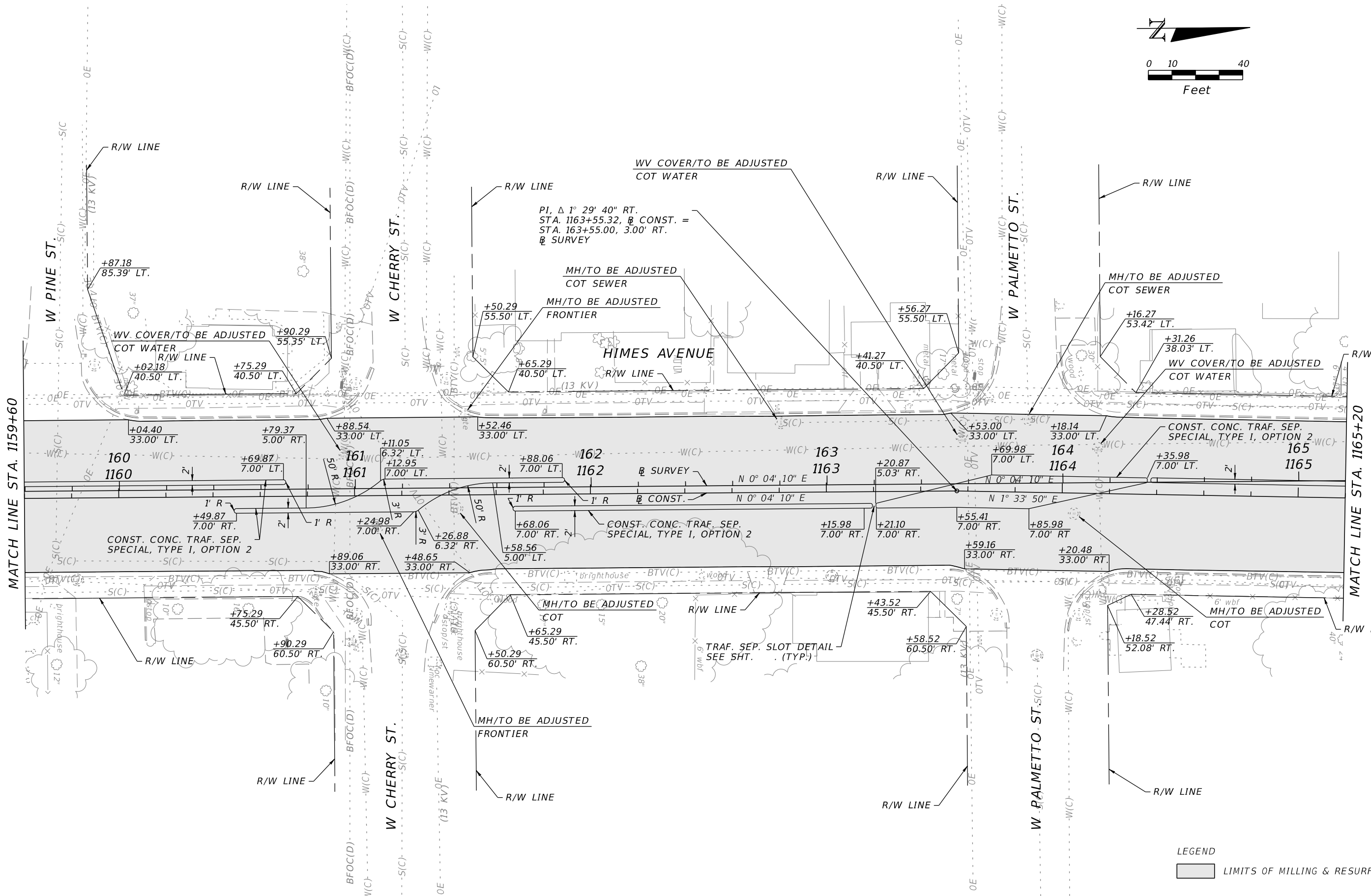
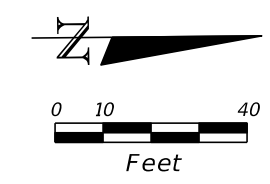
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LEGEND
 LIMITS OF MILLING & RESURFACING

REVISIONS				DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		22
					NA	HILLSBOROUGH	437647-1-58-01		

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LEGEND
 LIMITS OF MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DEREK M. GIL, P.E.
 P.E. NO.: 54798
 ELEMENT ENGINEERING GROUP
 1713 E 9th AVENUE
 TAMPA, FL 33605
 CERTIFICATE OF AUTHORIZATION: 26921

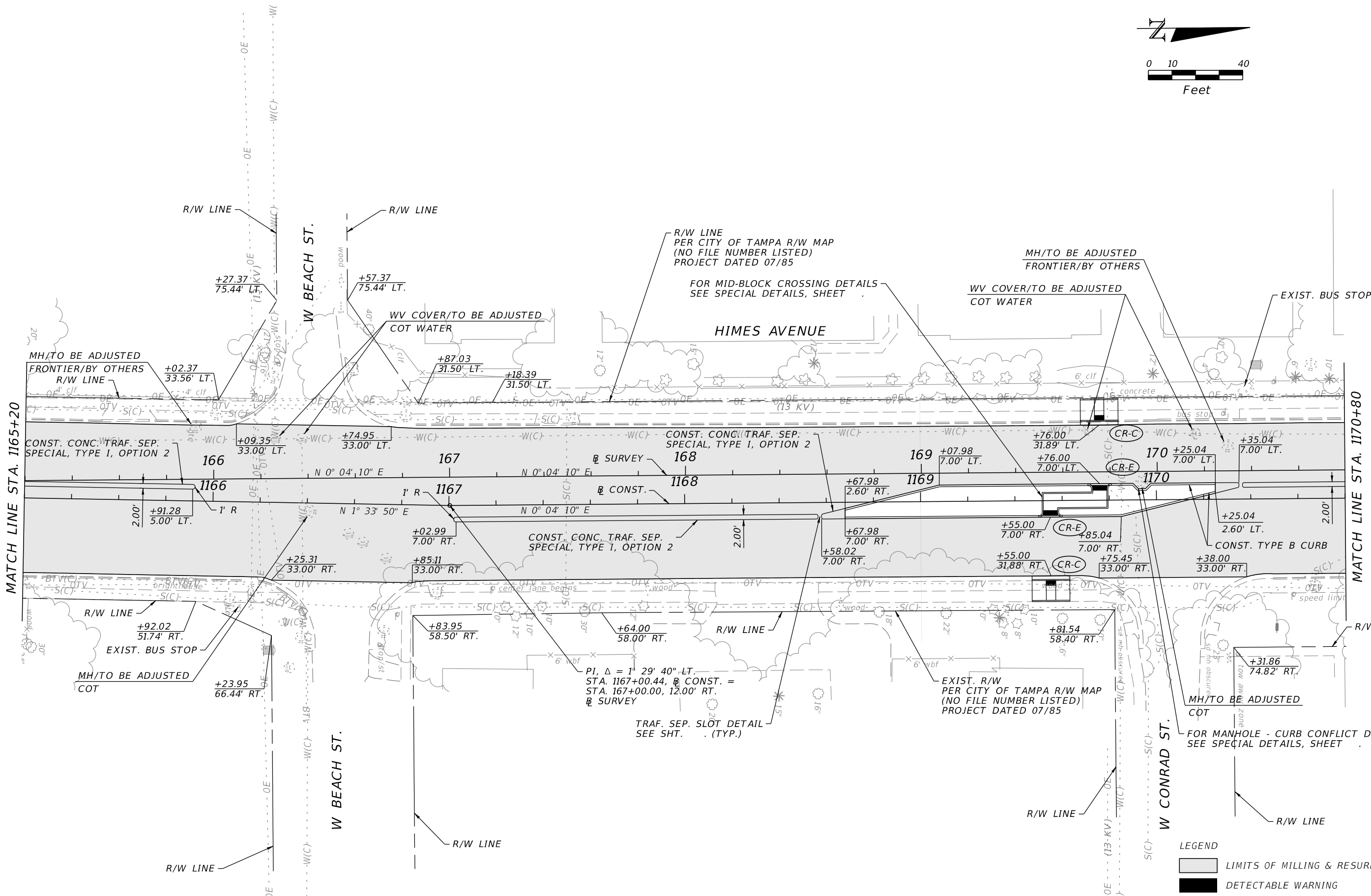
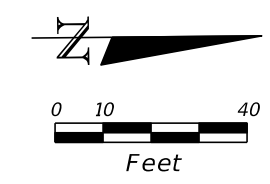
CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

ROADWAY PLAN

SHEET
NO.

23

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LEGEND

	LIMITS OF MILLING & RESURFACING
	DETECTABLE WARNING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

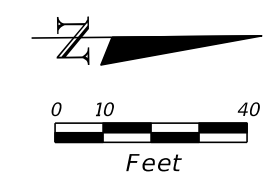
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 ELEMENT ENGINEERING GROUP
 1713 E 9th AVENUE
 TAMPA, FL 33605
 CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

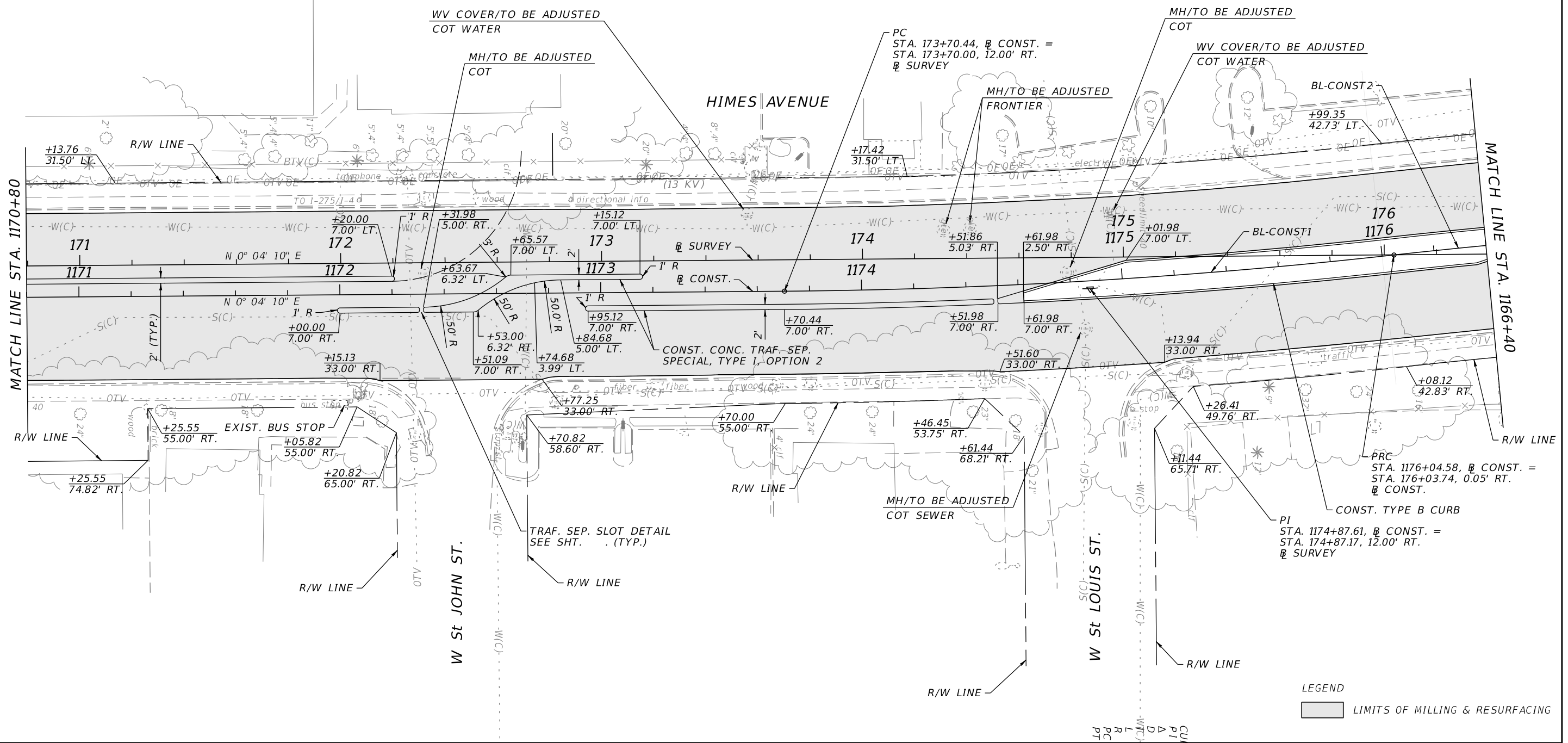
ROADWAY PLAN

SHEET NO.
24

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CURVE DATA BL-CONST1	CURVE DATA BL-CONST2
PI STA. = 1174+87.61	PI STA. = 1177+24.05
Δ = 5° 51' 13" (LT)	Δ = 5° 58' 06" (RT)
D = 2° 30' 00"	D = 2° 30' 00"
T = 117.17	T = 119.47
L = 234.14	L = 238.73
R = 2,291.83	R = 2,291.83
PC STA. = 1173+70.44	PRC STA. = 1176+04.58
PT STA. = 1176+04.58	PT STA. = 1178+43.31



LEGEND
 LIMITS OF MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DEREK M. GIL, P.E.
 P.E. NO.: 54798
 ELEMENT ENGINEERING GROUP
 1713 E 9th AVENUE
 TAMPA, FL 33605
 CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

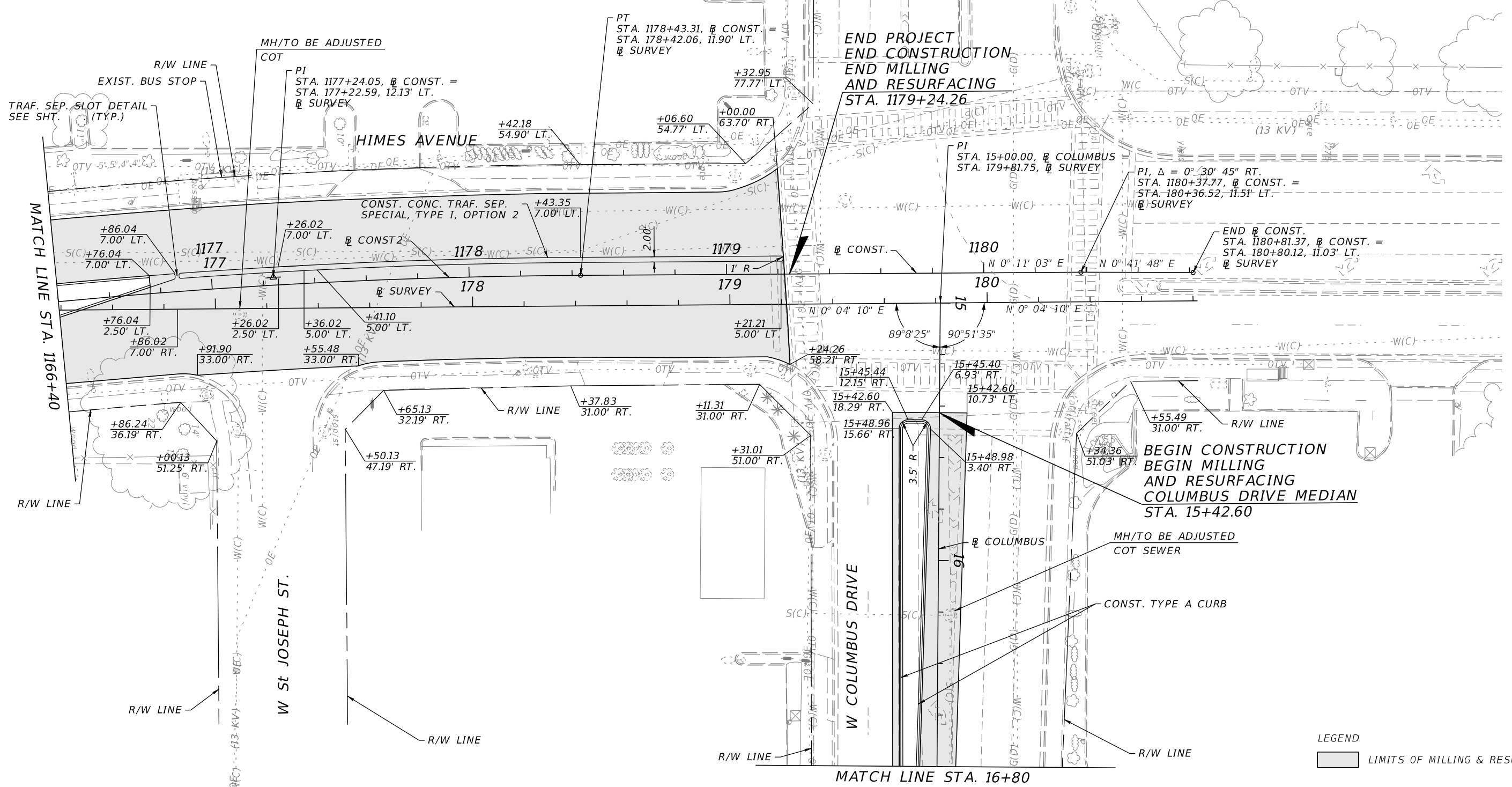
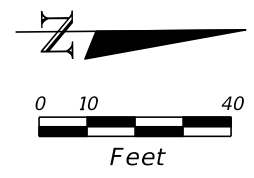
ROADWAY PLAN

SHEET NO.
25

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

CURVE DATA BL-CONST1
 PI STA. = 1174+87.61
 Δ = 5° 51' 13" (LT)
 D = 2° 30' 00"
 T = 117.17
 L = 234.14
 R = 2,291.83
 PC STA. = 1173+70.44
 PRC STA. = 1176+04.58

CURVE DATA BL-CONST2
 PI STA. = 1177+24.05
 Δ = 5° 58' 06" (RT)
 D = 2° 30' 00"
 T = 119.47
 L = 238.73
 R = 2,291.83
 PRC STA. = 1176+04.58
 PT STA. = 1178+43.31



END PROJECT
 END CONSTRUCTION
 END MILLING
 AND RESURFACING
 STA. 1179+24.26

END CONST.
 STA. 1180+81.37, B CONST. =
 STA. 180+80.12, 11.03' LT.
 B SURVEY

BEGIN CONSTRUCTION
 BEGIN MILLING
 AND RESURFACING
 COLUMBUS DRIVE MEDIAN
 STA. 15+42.60

LEGEND
 [Shaded Box] LIMITS OF MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

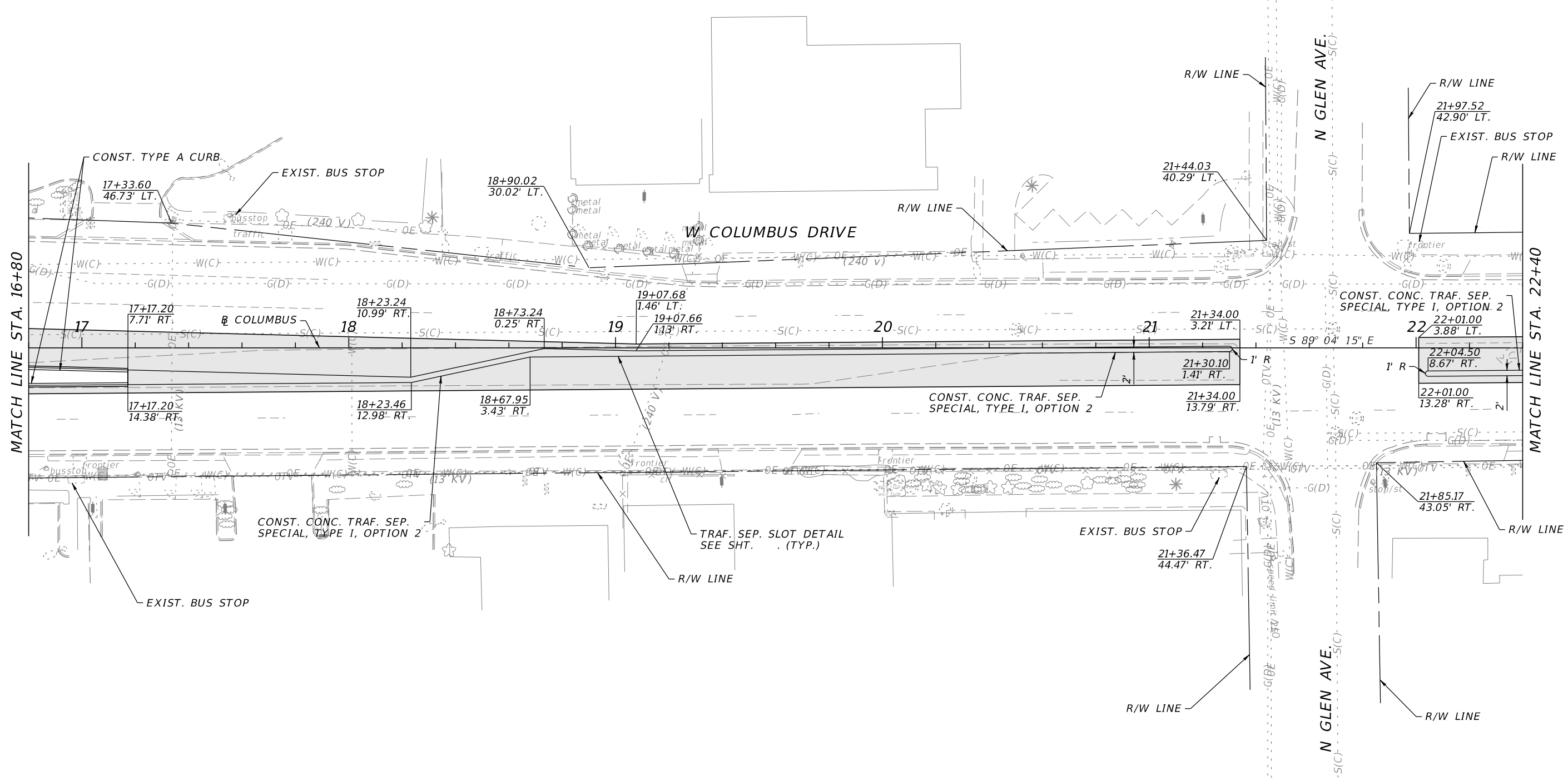
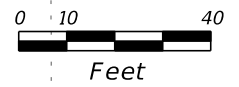
DEREK M. GIL, P.E.
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CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

ROADWAY PLAN

SHEET NO.
26

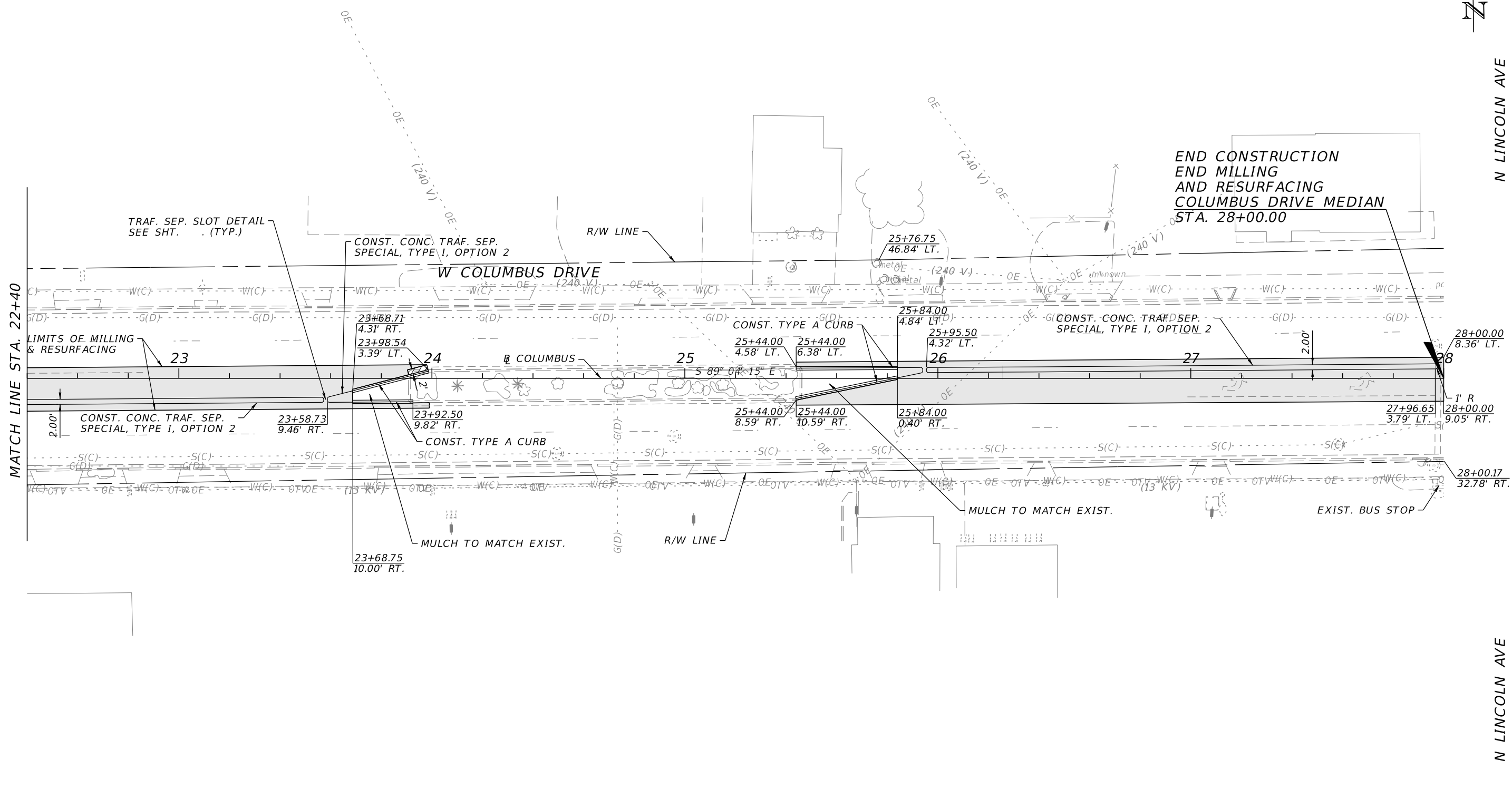
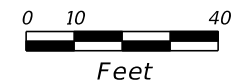
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LEGEND
 LIMITS OF MILLING & RESURFACING

REVISIONS				DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			SHEET NO. 27
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					NA	HILLSBOROUGH	437647-1-58-01	

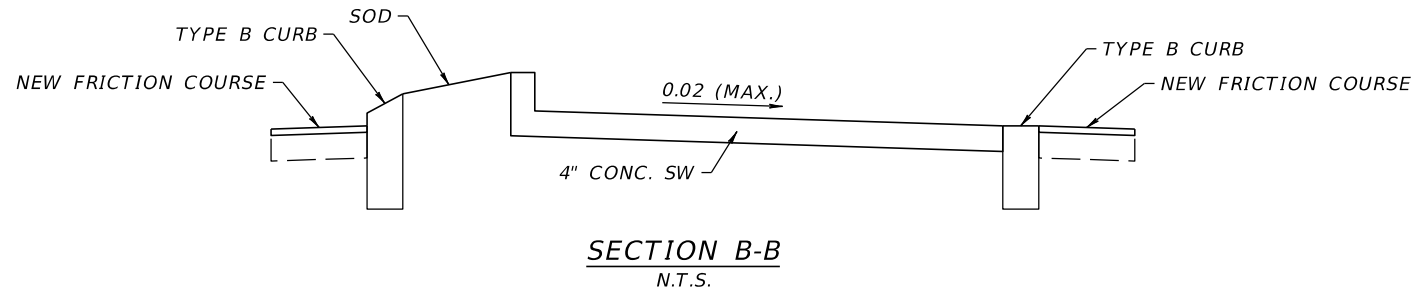
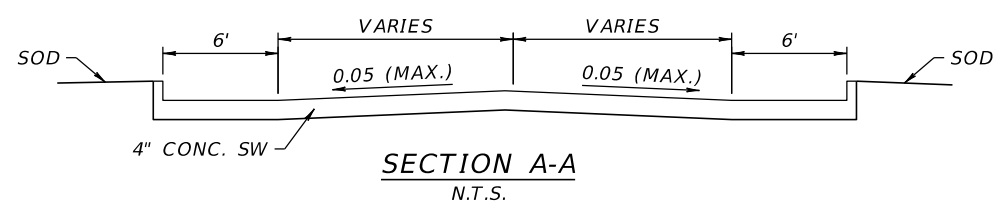
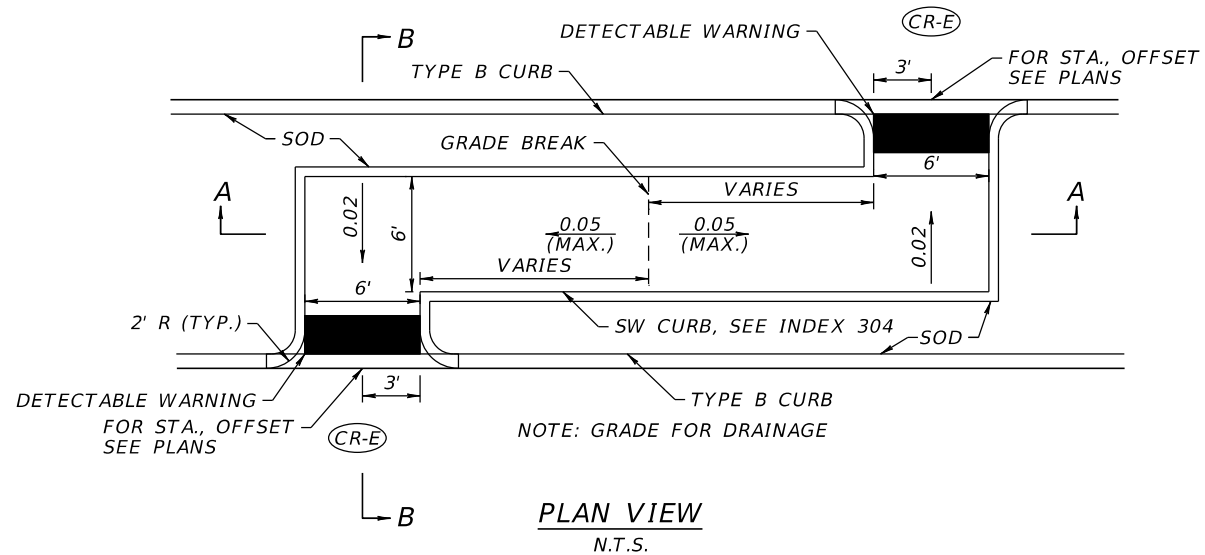
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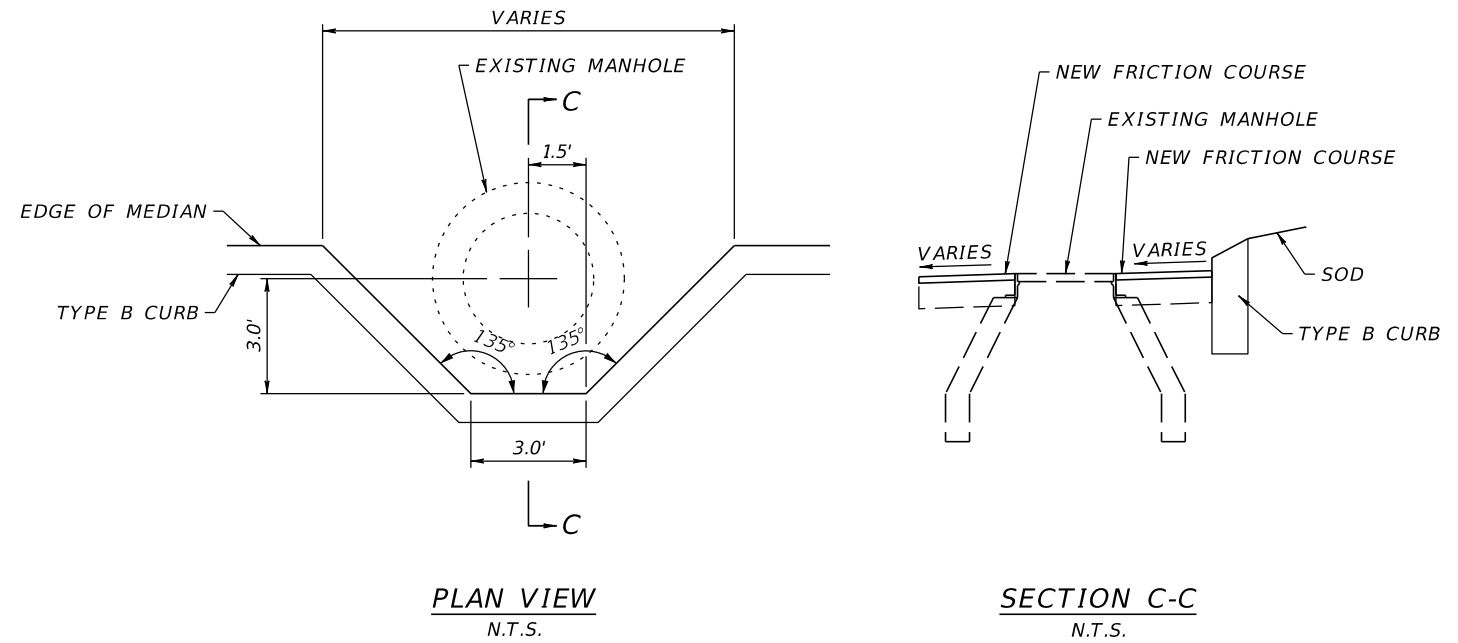
LEGEND

	LIMITS OF MILLING & RESURFACING
	LIMITS OF WIDENING

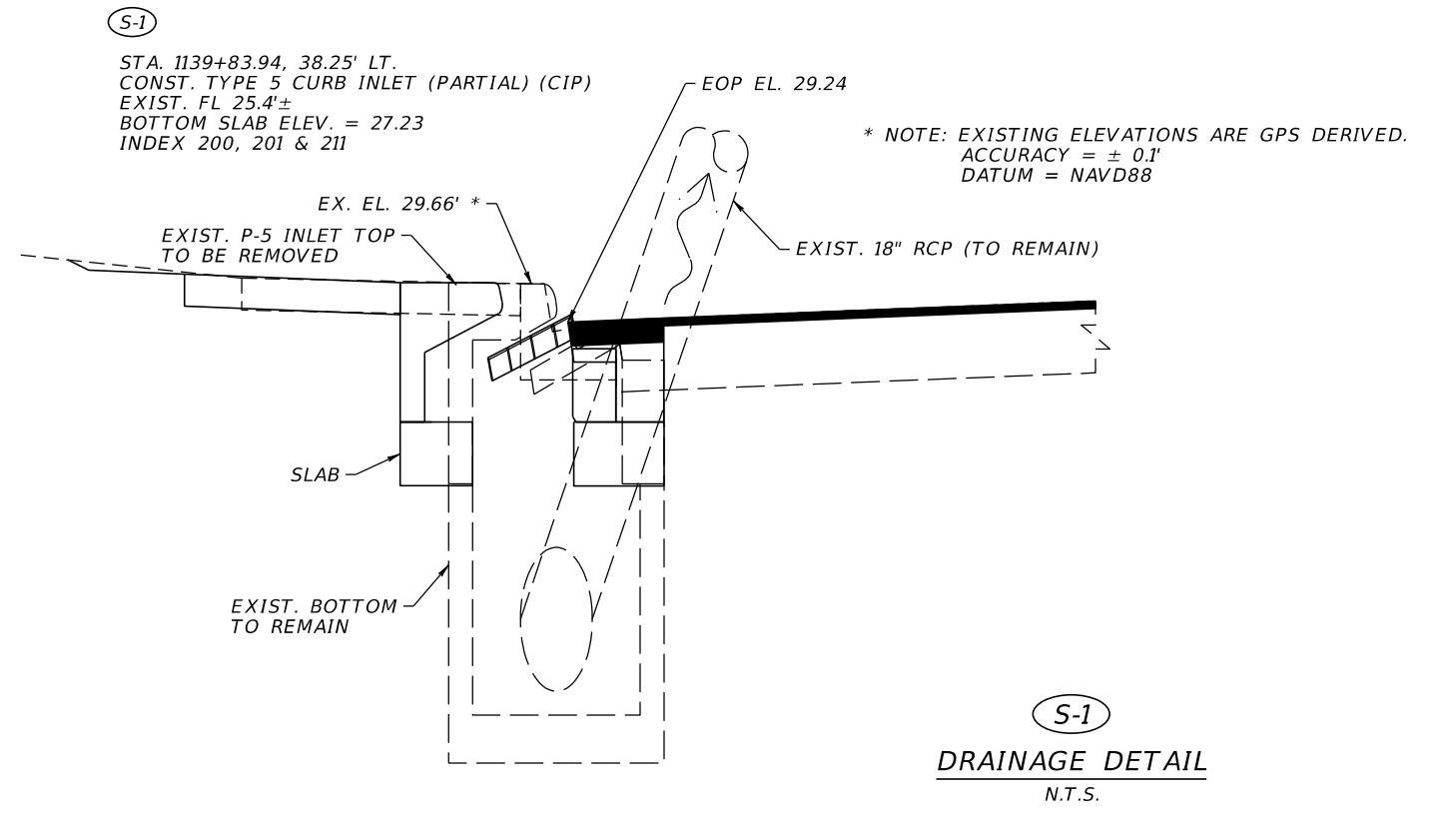
REVISIONS				DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			SHEET NO. 28
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					NA	HILLSBOROUGH	437647-1-58-01	



MID-BLOCK CROSSING DETAIL



MANHOLE - CURB CONFLICT DETAIL



S-1
DRAINAGE DETAIL
N.T.S.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DEREK M. GIL, P.E.
P.E. NO.: 54798
ELEMENT ENGINEERING GROUP
1713 E 9th AVENUE
TAMPA, FL 33605
CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

SPECIAL DETAILS

SHEET NO.
29

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TRAFFIC PATTERNS
BY ENNIS-FLINT

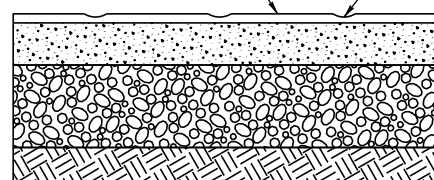
THERMOPLASTIC PANEL
= 125 MILS THICKNESS

PREFORMED
THERMOPLASTIC GROOVE
PATTERN, AS PER
MANUFACTURER.

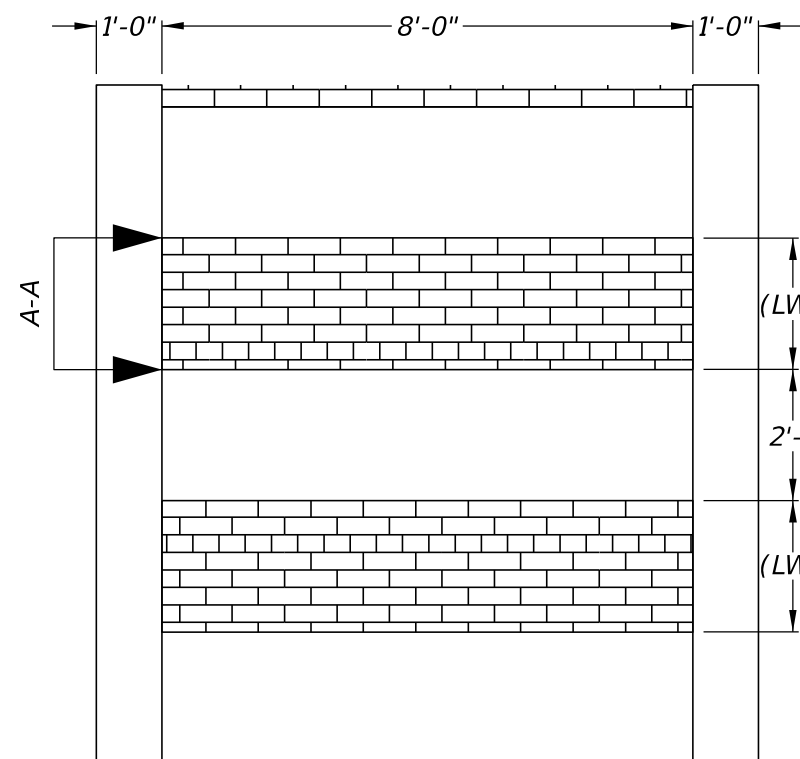
ASPHALT PAVEMENT
(2" MIN. TYPICAL FOR
OVERLAY/RESURFACING)

BASE

SUBGRADE

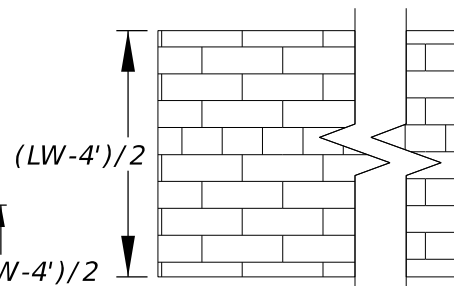


CROSS SECTION A-A



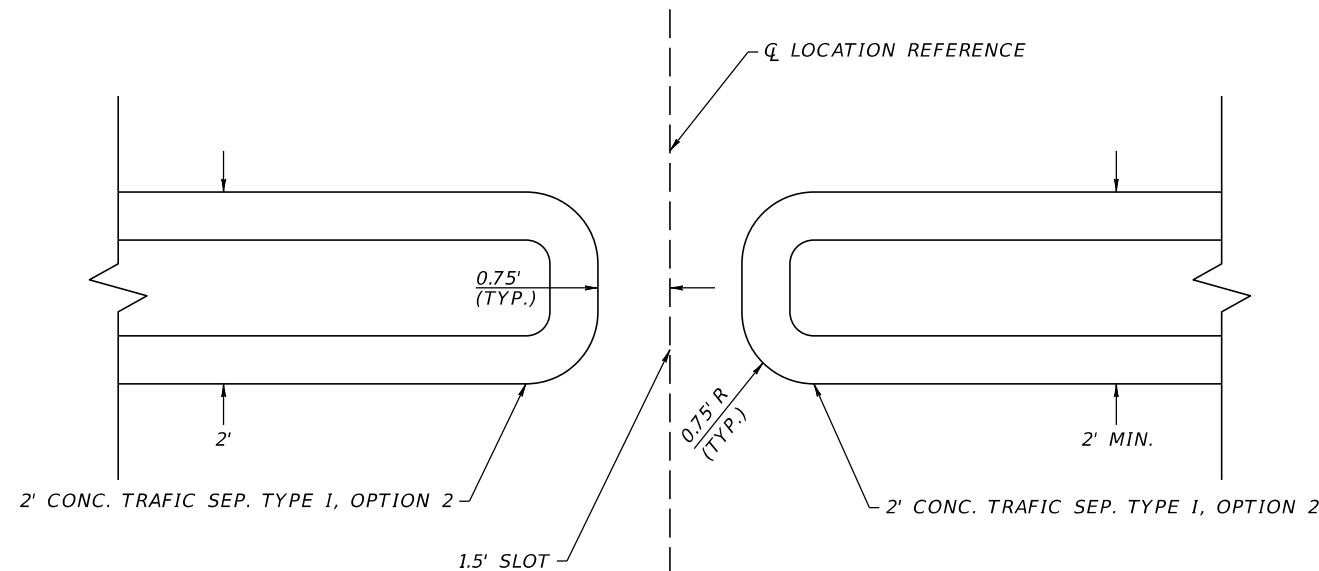
THERMOPLASTIC PAVEMENT OVERLAY
FOR ASPHALT AND CONCRETE BRICK
PATTERN - 10' CROSSWALK

N.T.S.



NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
2. ALL DIMENSIONS ARE CONSIDERED TRUE AND REFLECT MANUFACTURERS SPECIFICATIONS.
3. COLOR OF PATTERNED CROSSWALK - BRICK RED. GROUT COLOR - WHITE.
4. PATTERN - RUNNING BOND.
5. PATTERN TO BE RED BRICK WITH WHITE BORDER AS CURRENTLY BEING USED IN CITY OF TAMPA.
6. LW = LANE WIDTH



TYPICAL TRAFFIC SEPARATOR SLOT DETAIL

N.T.S.

STA. 1101+12.04 (RT.)	STA. 1140+17.00 (RT.)
STA. 1102+12.04 (RT.)	STA. 1140+67.00 (RT.)
STA. 1103+20.04 (RT.)	STA. 1141+16.00 (RT.)
STA. 1104+12.00 (RT.)	STA. 1141+65.00 (RT.)
STA. 1111+61.79 (LT.)	STA. 1145+98.64 (LT.)
STA. 1115+72.25 (RT.)	STA. 1147+75.00 (RT.)
STA. 1118+85.00 (RT.)	STA. 1149+91.25 (RT.)
STA. 1120+11.25 (RT.)	STA. 1150+79.73 (LT.)
STA. 1120+62.79 (LT.)	STA. 1155+44.27 (RT.)
STA. 1122+00.04 (LT.)	STA. 1159+12.77 (LT.)
STA. 1124+17.82 (LT.)	STA. 1163+20.23 (RT.)
STA. 1125+50.04 (LT.)	STA. 1164+36.73 (LT.)
STA. 1128+22.00 (RT.)	STA. 1168+57.27 (RT.)
STA. 1129+23.25 (RT.)	STA. 1170+35.79 (LT.)
STA. 1129+82.12 (LT.)	STA. 1172+31.23 (RT.)
STA. 1131+56.01 (RT.)	STA. 1174+51.23 (RT.)
STA. 1132+07.79 (LT.)	STA. 1176+86.78 (LT.)
STA. 1133+10.04 (LT.)	STA. 23+57.98 (RT.)
STA. 1136+71.70 (RT.)	STA. 25+94.75 (LT.)
STA. 1139+68.00 (RT.)	

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ELEMENT ENGINEERING GROUP
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TAMPA, FL 33605
CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

SPECIAL DETAILS

SHEET
NO.
30

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TEMPORARY TRAFFIC CONTROL GENERAL NOTES

1. THE EXISTING POSTED SPEED (40 MPH) WILL BE MAINTAINED DURING CONSTRUCTION.
2. THE EXACT LOCATION OF ALL SIGNS AND BARRICADES SHALL BE DETERMINED IN THE FIELD AND APPROVED BY THE ENGINEER TO ENSURE MINIMUM SIGHT DISTANCES ARE MET.
3. SEVEN DAYS PRIOR TO CONSTRUCTION, PLACE ONE PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) AT EACH OF THE FOLLOWING LOCATIONS (OR AS DIRECTED BY THE ENGINEER) TO ALERT MOTORISTS OF THE UPCOMING WORK AND CHANGE IN TRAFFIC PATTERNS:

NORTHBOUND HIMES AVENUE SOUTH OF CLEVELAND STREET,
 EASTBOUND KENNEDY BOULEVARD WEST OF STERLING AVENUE,
 WESTBOUND KENNEDY BOULEVARD EAST OF GLENN AVENUE
 SOUTHBOUND HIMES AVENUE NORTH OF IVY STREET
 EASTBOUND COLUMBUS DRIVE EAST OF DALE MABRY HIGHWAY
 WESTBOUND COLUMBUS DRIVE EAST OF MACDILL AVENUE

MESSAGE PROVIDED SHALL BE (OR AS DIRECTED BY THE ENGINEER):

MESSAGE 1:	MESSAGE 2:	
HIMES AVENUE CONST	CONST BEGINS XXXXXXXX	(DAY OF WEEK)

FOR DURATION OF CONSTRUCTION, MESSAGE PROVIDED SHALL BE (OR AS DIRECTED BY THE ENGINEER):

MESSAGE 1:	MESSAGE 2:
HIMES AVENUE CONST	SEEK ALTRNATE ROUTE

AS AN INTEGRAL PART OF ANY LANE CLOSURE, PLACE A PCMS APPROXIMATELY 250 FEET IN ADVANCE OF THE LANE CLOSURE.

DISPLAY PROVIDED SHALL BE (OR AS DIRECTED BY THE ENGINEER):

MESSAGE 1:	MESSAGE 2:
LANE CLOSED AHEAD	MERGE LEFT -----

(OR RIGHT AS APPROPRIATE)

DURING LANE CLOSURE, PCMS SHALL NOT BE PLACED MORE THAN 24 HOURS IN ADVANCE OF THE LANE CLOSURE AND SHALL BE REMOVED WITHIN 24 HOURS OF REOPENING THE LANE.

4. THE FOLLOWING INDIVIDUALS ARE TO BE NOTIFIED:

THE ENGINEER A MINIMUM OF 14 DAYS PRIOR TO A LANE CLOSURE.

MS. JULIE SCANLON, CITY OF TAMPA R/W COORDINATOR, AT (813) 541-7918,
 14 DAYS PRIOR TO A LANE CLOSURE.

SADE TOLBERT (SCHOOL BOARD OF HILLSBOROUGH COUNTY-TRANSPORTATION/BUS GARAGE) AT (813) 982-5524,
 ONE WEEK PRIOR TO A LANE CLOSURE.

GREGORY BRACKIN OR RALPH LAVADO (HART LINE) AT (813) 623-5835,
 ONE WEEK PRIOR TO A LANE CLOSURE.

THE CITY, FDOT AND LOCAL EMERGENCY AGENCIES (POLICE AND FIRE),
 24 HOURS PRIOR TO A LANE CLOSURES.

VIK BHIDE, CITY OF TAMPA TRAFFIC DESIGN ENGINEER, AT (813) 274-8105,
 A MINIMUM OF 7 DAYS IN ADVANCE OF A LANE CLOSURE TO COORDINATE TRAFFIC SIGNAL TIMING ADJUSTMENTS.

5. SINGLE LANE CLOSURE RESTRICTIONS:

SINGLE LANE CLOSURES WILL NOT BE ALLOWED BETWEEN 7:00 AM AND 9:00 AM OR BETWEEN 3:00 PM AND 7:00 PM, MONDAY THROUGH FRIDAY.

THE CONTRACTOR SHALL AT THE DISCRETION OF THE ENGINEER, OPEN ANY TEMPORARY LANE CLOSURE CAUSING EXTENDED TRAFFIC CONGESTION (5 MINUTE DELAY) UNTIL TRAFFIC HAS RETURNED TO AN ACCEPTABLE FLOW AS DETERMINED BY THE ENGINEER.

6. SUSPENSION OF CONTRACTOR'S OPERATIONS - HOLIDAYS AND SPECIAL EVENTS:

SUSPENSION OF CONTRACTOR'S OPERATIONS FOR HOLIDAYS AND SPECIAL EVENTS ARE SUBJECT TO PERMIT REQUIREMENTS AND RESTRICTIONS.

HOLIDAYS:
 AS STATED IN THE SPECIFICATIONS.

SPECIAL EVENT DAYS:
 THE DAY OF ALL RAYMOND JAMES STADIUM EVENTS WITH AN ANTICIPATED CROWD OF OVER 35K.

7. TEMPORARY THROUGH TRAVEL LANES SHALL BE A MINIMUM OF 10 FEET IN WIDTH. AUXILIARY LANES SHALL BE A MINIMUM OF 10 FEET IN WIDTH.

8. THE ACCESS TO AND FROM ALL BUS STOP BOARDING AND LANDING AREAS SHALL BE MAINTAINED DURING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE BUS STOP LOCATIONS AND ACCESS WITH THE MAINTAINING AGENCY, 14 DAYS PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT INTERFERE WITH NORMAL BUS OPERATIONS.

9. PLACE A PROJECT INFORMATION SIGN, AS DETAILED IN INDEX NO. 600, APPROXIMATELY 500 FEET IN ADVANCE OF PROJECT LIMITS FOR BOTH NORTHBOUND AND SOUTHBOUND HIMES AVENUE.

10. ADVANCE SIGNAGE FOR THE PROJECT SHALL CONSTITUTE THE FOLLOWING SIGNS AT THE FOLLOWING LOCATIONS:

ROAD WORK 500' (W20-1A) SIGNS PLACED:
 FOR NORTHBOUND TRAFFIC ON HIMES AVENUE SOUTH OF KENNEDY BOULEVARD,
 FOR SOUTHBOUND TRAFFIC ON HIMES AVENUE NORTH OF COLUMBUS DRIVE,
 FOR EASTBOUND TRAFFIC ON COLUMBUS DRIVE WEST OF HIMES AVENUE, AND
 FOR WESTBOUND TRAFFIC ON COLUMBUS DRIVE EAST OF MACDILL AVENUE

SPEEDING FINES DOUBLED WHEN WORKERS PRESENT (MOT 14-06) SIGNS PLACED 250' FOLLOWING W20-1A SIGNS IDENTIFIED FOR ABOVE.

ROAD WORK AHEAD (W20-1F) SIGNS PLACED:
 500' IN ADVANCE OF INTERSECTING HIMES AVENUE ON ALL INTERSECTING STREETS.

END ROAD WORK (G20-2) SIGNS PLACED:
 FOR NORTHBOUND TRAFFIC ON HIMES AVENUE 500' NORTH OF COLUMBUS DRIVE,
 FOR SOUTHBOUND TRAFFIC ON HIMES AVENUE 500' SOUTH OF KENNEDY BOULEVARD,
 FOR EASTBOUND TRAFFIC ON COLUMBUS DRIVE 500' EAST OF MACDILL AVENUE, AND
 FOR WESTBOUND TRAFFIC ON COLUMBUS DRIVE 500' WEST OF HIMES AVENUE.

11. NOTIFY INTERNATIONAL ACADEMY, WEST TAMPA ELEMENTARY SCHOOL, AND MITCHELL ELEMENTARY SCHOOL A MINIMUM OF 14 DAYS IN ADVANCE OF PERFORMING ANY LANE CLOSURES. DO NOT RESTRICT ANY ACCESS POINT TO THE SCHOOLS DURING ANY SCHEDULED EVENT.

REVISIONS				DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	437647-1-58-01		

TEMPORARY TRAFFIC CONTROL PHASING NOTES

PHASE I (UNDER I-275 OVERPASSES)

UNDER LANE CLOSURES AS NECESSARY:

1. REMOVE EXISTING MEDIAN SEPARATOR, AND EXISTING CURB AND GUTTER AT OUTSIDE EDGE OF PAVEMENT.
2. CONSTRUCT PROPOSED DRAINAGE AND OUTSIDE WIDENING BETWEEN STA. 1138+64.86 AND STA. 1142+96.62.

PHASE II

UNDER LANE CLOSURES AS NECESSARY:

1. MILL EXISTING PAVEMENT.
2. RESTRIPE TRAVEL LANES WITH TWO, 10'-WIDE TRAVEL LANES IN EACH DIRECTION MEASURED FROM THE OUTSIDE EDGE OF PAVEMENT.
3. ADJUST SIGNALIZATION FOR TEMPORARY LANEAGE.

PHASE III

UNDER LANE CLOSURES AS NECESSARY:

1. SHIFT TRAFFIC TO TEMPORARY TRAVEL LANES.
2. CONSTRUCT PROPOSED 2'-WIDE TYPE I TRAFFIC SEPARATORS AND TEMPORARY LANE SEPARATORS PER PLANS.
3. EXCAVATE EXISTING PAVEMENT AND BASE STRUCTURE IN AREAS OF PROPOSED RAISED SODDED MEDIANS.
4. CONSTRUCT TYPE B CURB AND RAISED SODDED MEDIANS.
5. CONSTRUCT SIDEWALK IMPROVEMENTS.

PHASE IV

1. RESURFACE ROADWAY.
2. RESTRIPE PER PLANS USING PAINT FOR PAVEMENT CURE PERIOD.
3. ADJUST SIGNALIZATION FOR FINAL LANEAGE.
4. CONFIRM CONSTRUCTION OF REMAINING PROPOSED SIGNING PER PLANS.

PHASE V

1. RESTRIPE PER PLANS USING THERMOPLASTIC. CONSTRUCT PATTERNED CROSSWALKS PER PLANS.

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	437647-1-58-01		

SIGNING & PAVEMENT MARKING GENERAL NOTES

1. ALL PROPOSED PEDESTRIAN CROSSWALK SIGNAGE AND AUXILIARIES, SHALL HAVE A RETRO-REFLECTIVE FLUORESCENT YELLOW-GREEN BACKGROUND WITH A BLACK LEGEND AND BORDER.
2. INSIDE TRAVEL LANES SHALL BE 10 FEET WIDE. OUTSIDE TRAVEL LANES SHALL BE A MAXIMUM 11 FEET WIDE. BIKE LANES ADJACENT TO THE CURB AND GUTTER SHALL BE A MINIMUM OF 4 FEET WIDE.

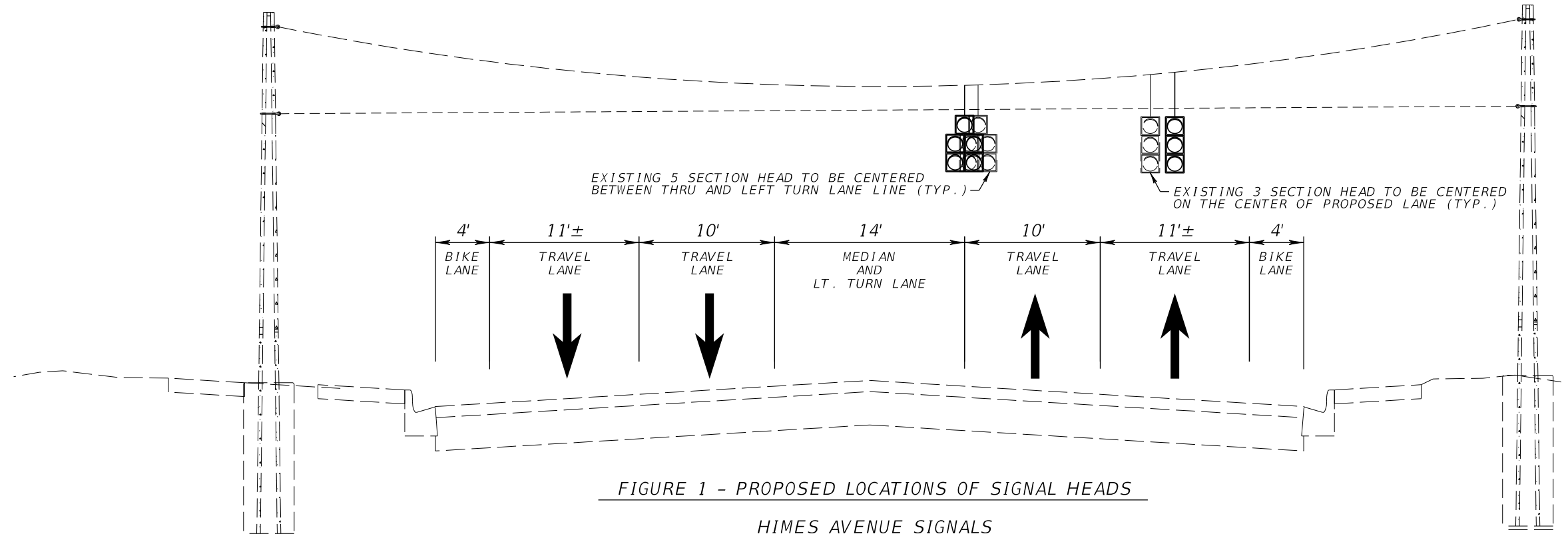
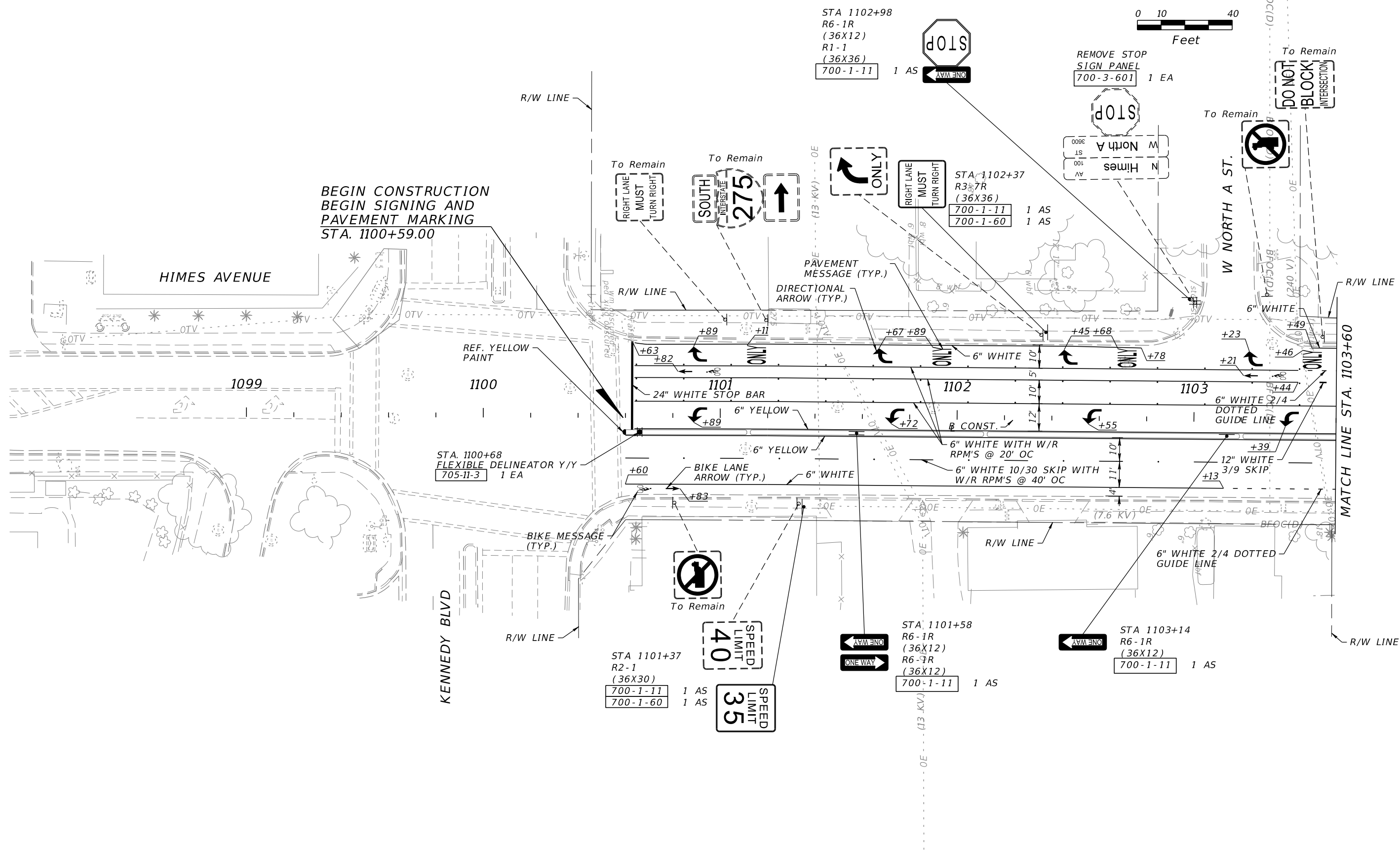
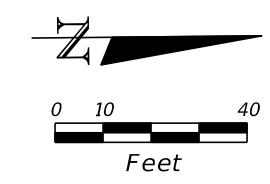


FIGURE 1 - PROPOSED LOCATIONS OF SIGNAL HEADS

HIMES AVENUE SIGNALS
AT
SPRUCE STREET, AT CYPRESS STREET,
AND AT
COLUMBUS DRIVE

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	437647-1-58-01		



**BEGIN CONSTRUCTION
BEGIN SIGNING AND
PAVEMENT MARKING
STA. 1100+59.00**

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

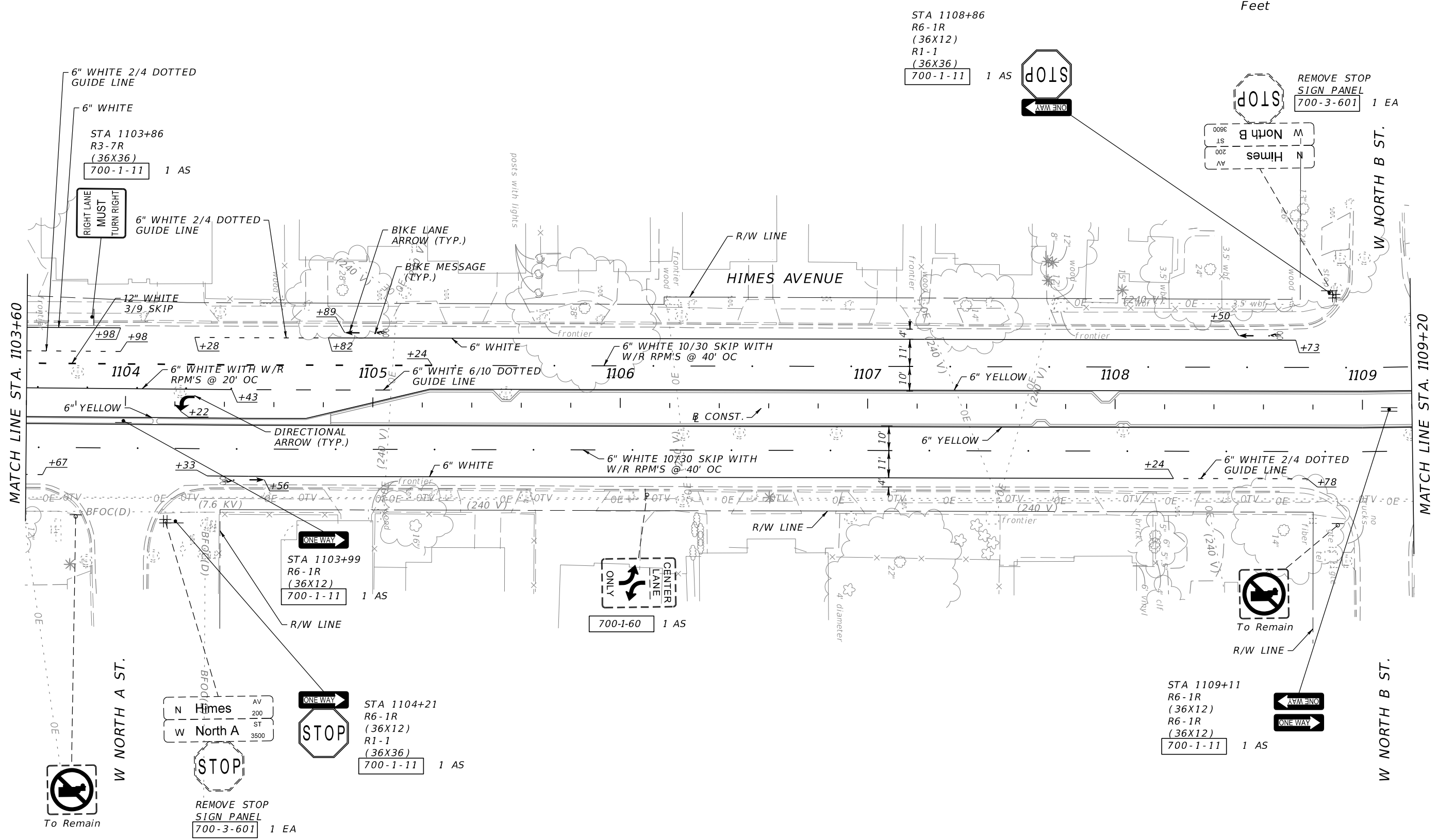
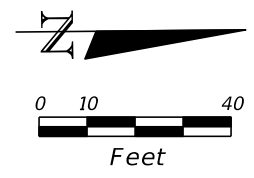
DEREK M. GIL, P.E.
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1713 E 9th AVENUE
TAMPA, FL 33605
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CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
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NA	HILLSBOROUGH	437647-1-58-01

**SIGNING AND
PAVEMENT MARKINGS**

SHEET NO.
34

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STA 1108+86
R6-1R
(36X12)
R1-1
(36X36)
700-1-11 1 AS

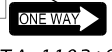


REMOVE STOP SIGN PANEL
700-3-601 1 EA

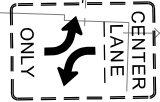
STA 1103+86
R3-7R
(36X36)
700-1-11 1 AS



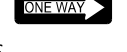
STA 1103+99
R6-1R
(36X12)
700-1-11 1 AS



700-1-60 1 AS



STA 1109+11
R6-1R
(36X12)
R6-1R
(36X12)
700-1-11 1 AS



N Himes AV
ST 200
W North A ST 3500



REMOVE STOP SIGN PANEL
700-3-601 1 EA

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

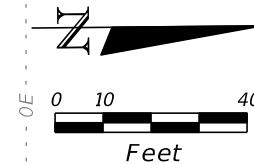
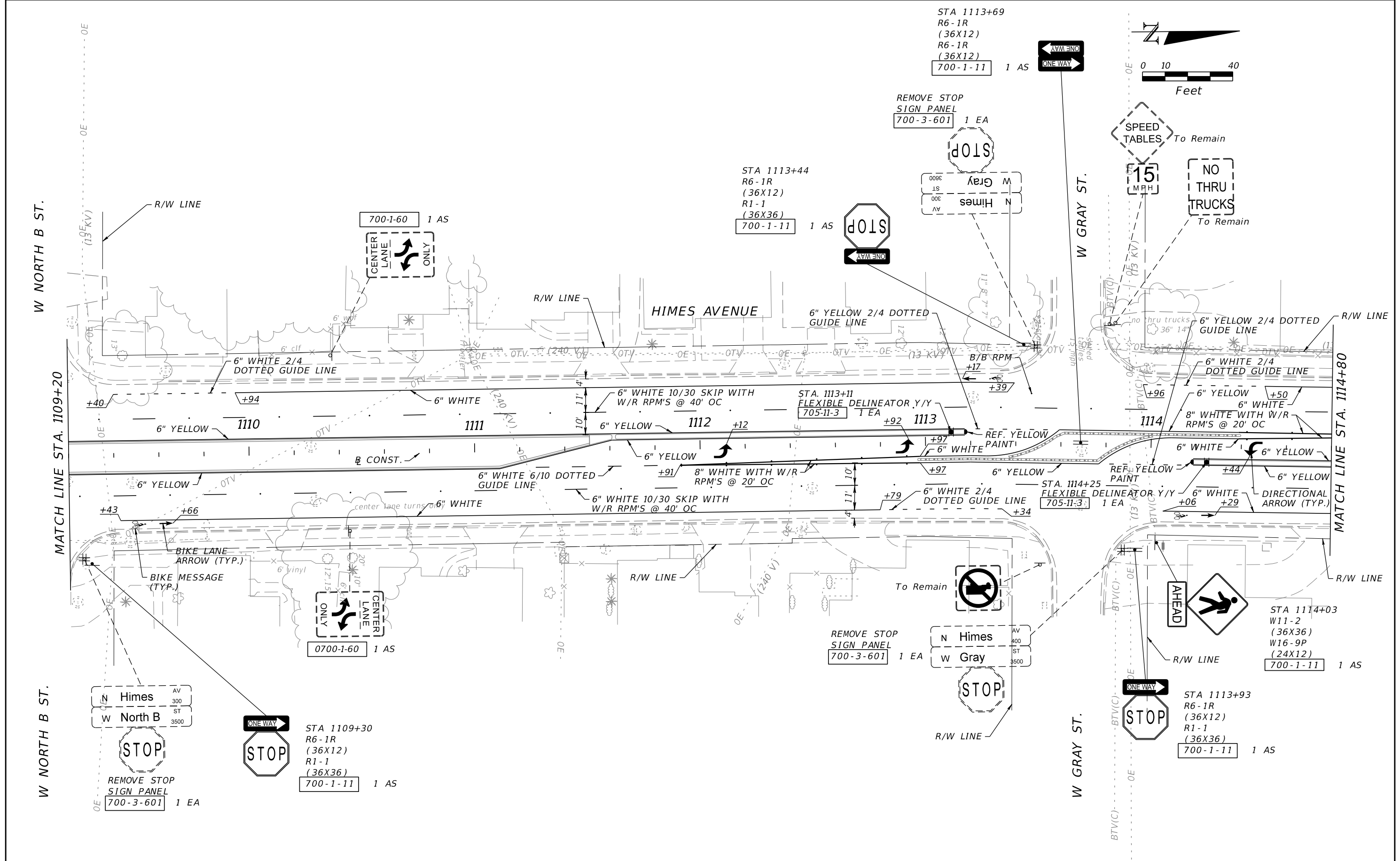
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**SIGNING AND
PAVEMENT MARKINGS**

SHEET NO.
35

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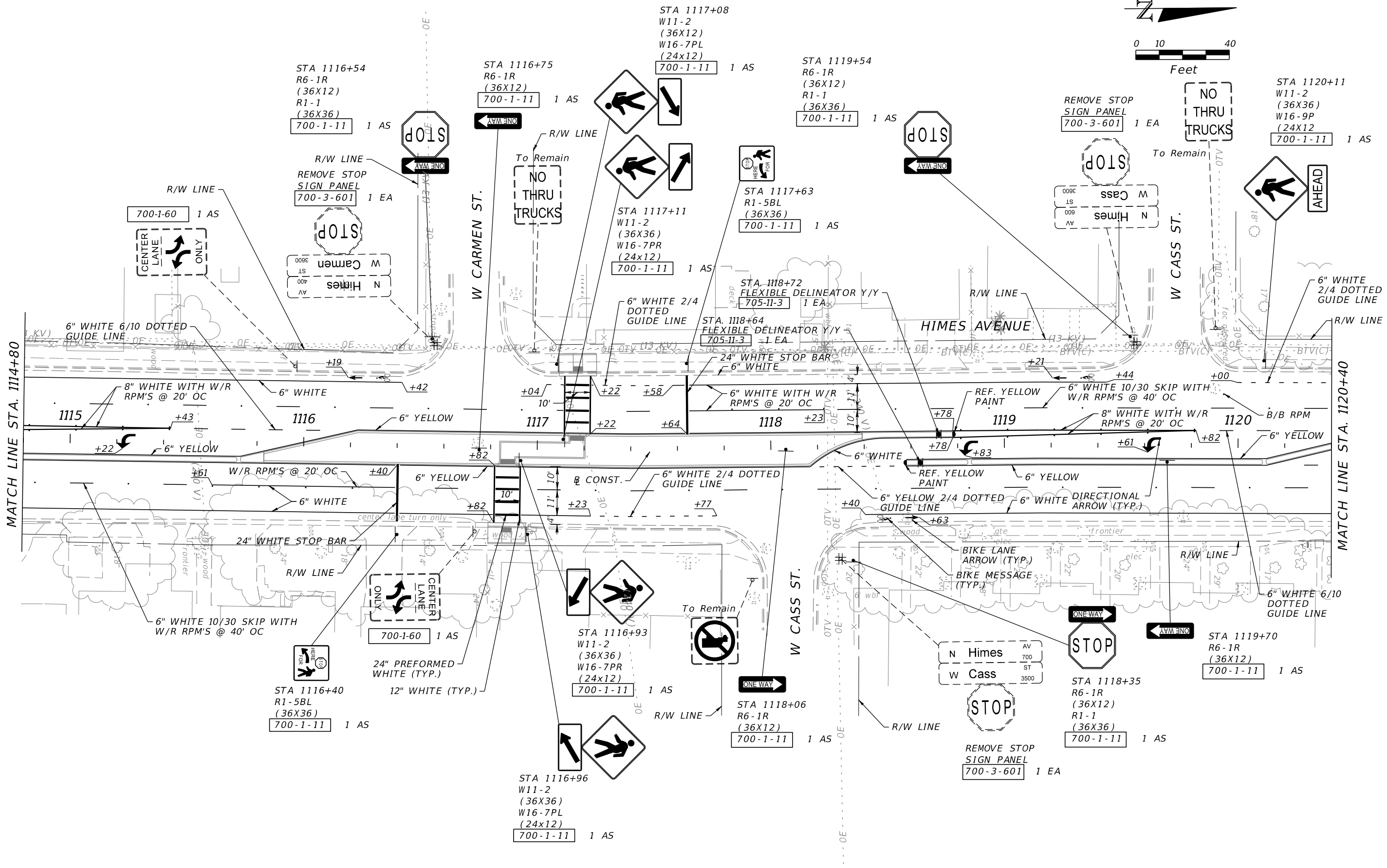
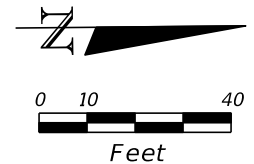


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					NA	HILLSBOROUGH	437647-1-58-01	

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MATCH LINE STA. 1114+80

MATCH LINE STA. 1120+40



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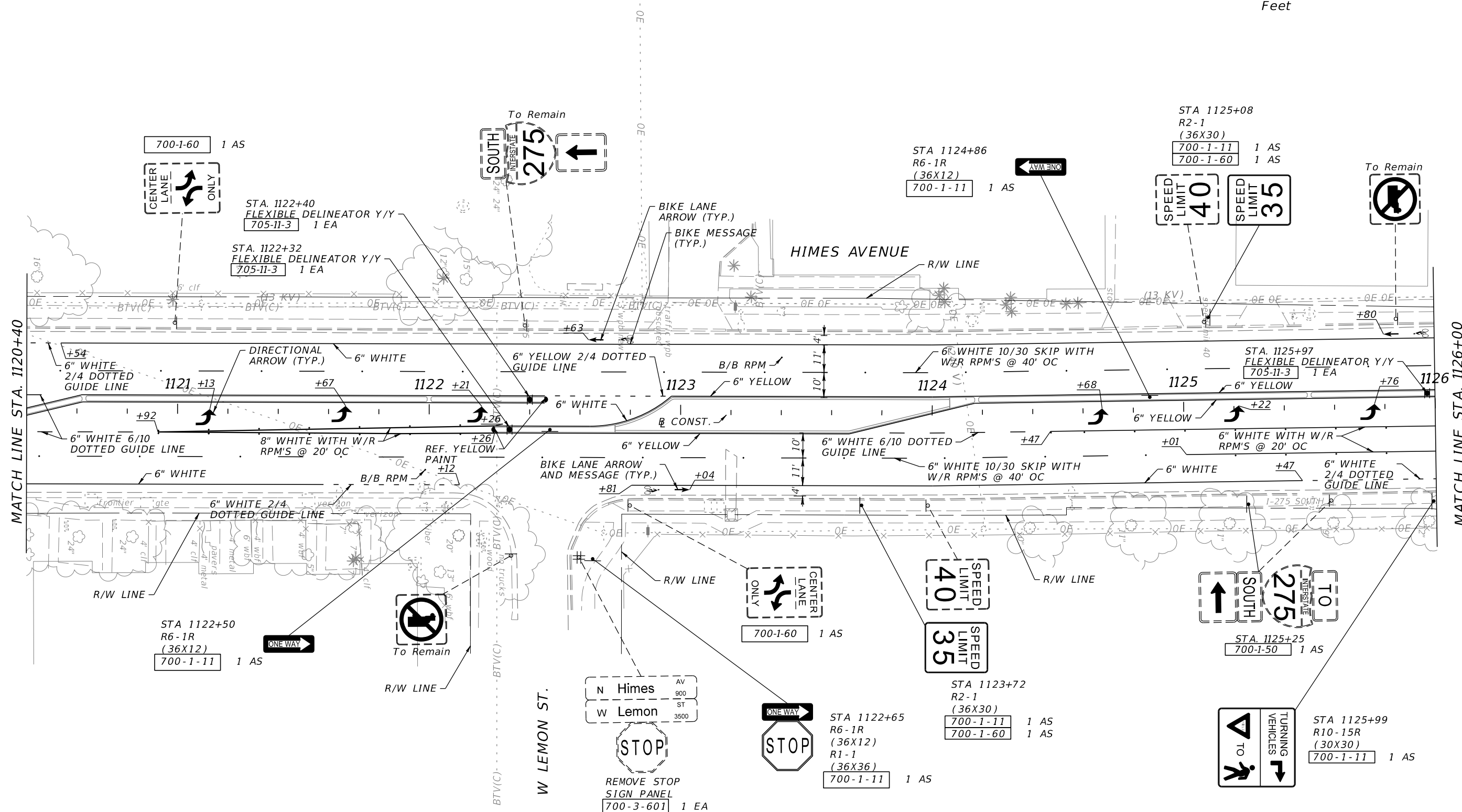
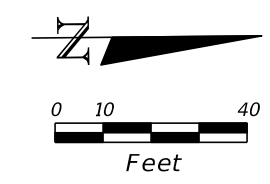
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**SIGNING AND
PAVEMENT MARKINGS**

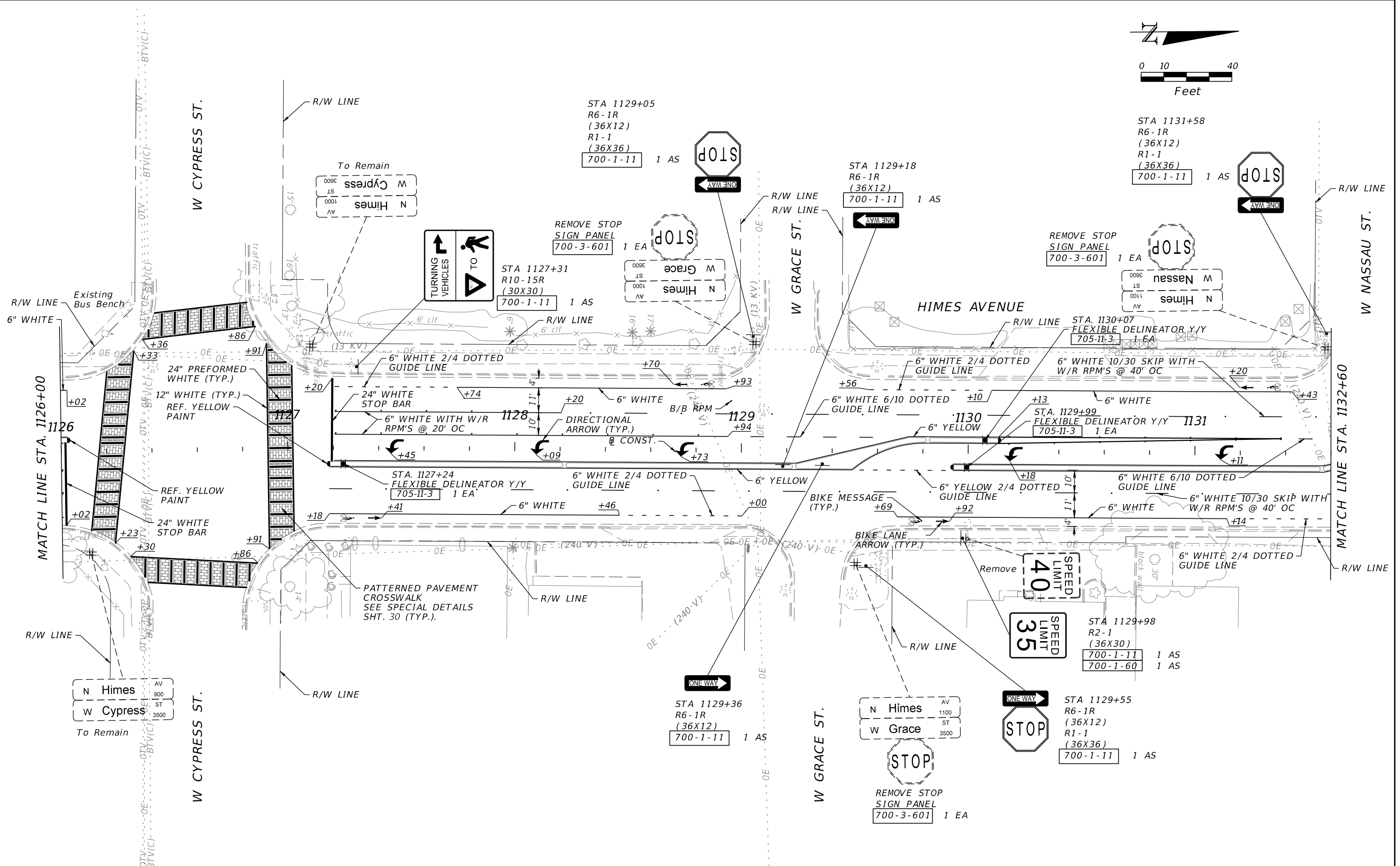
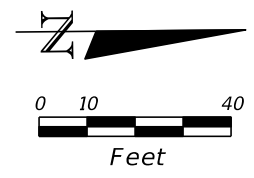
SHEET NO.
37

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					NA	HILLSBOROUGH	437647-1-58-01	

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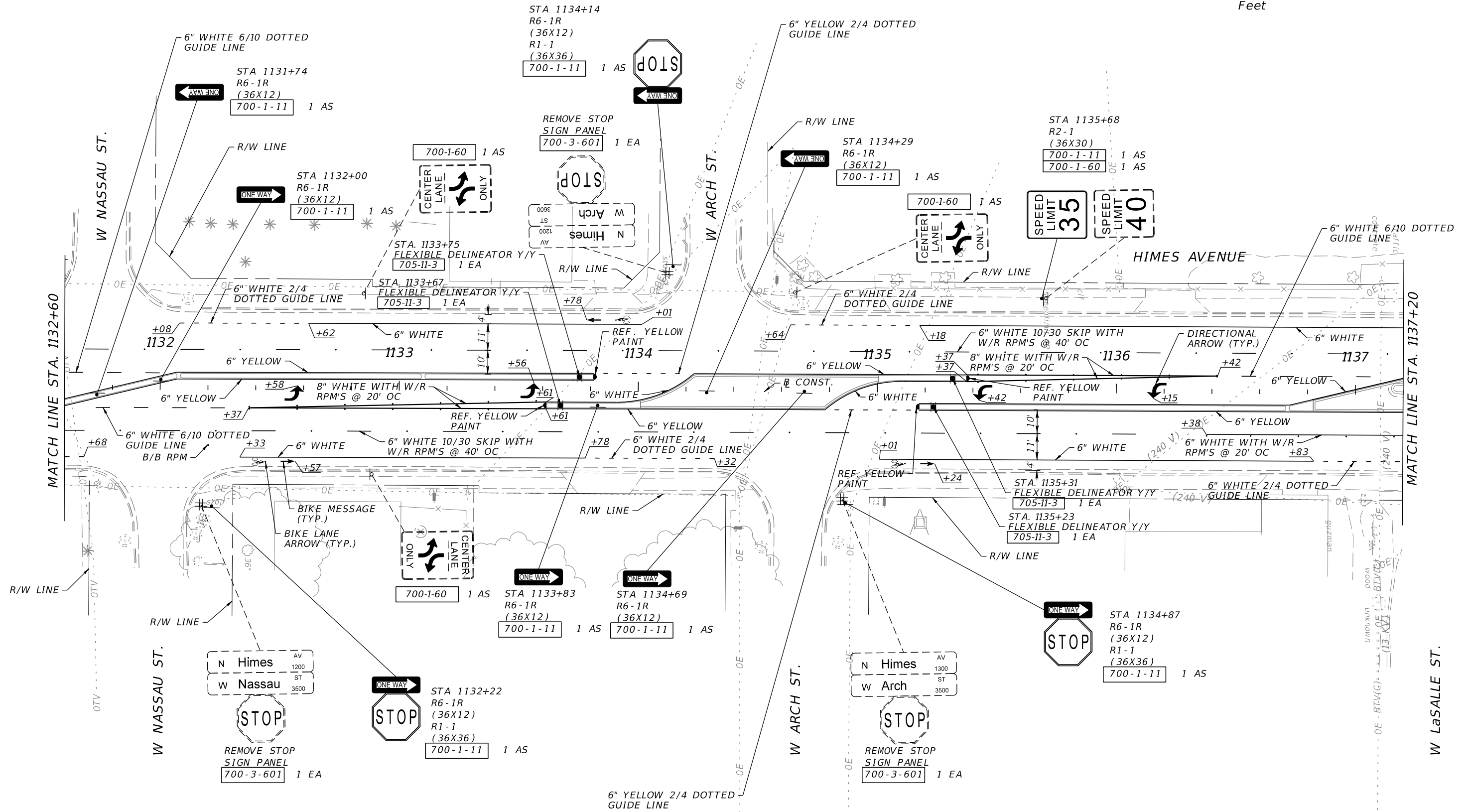
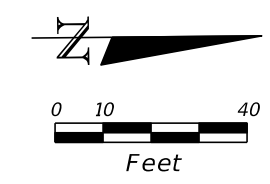
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**SIGNING AND
PAVEMENT MARKINGS**

SHEET NO.
39

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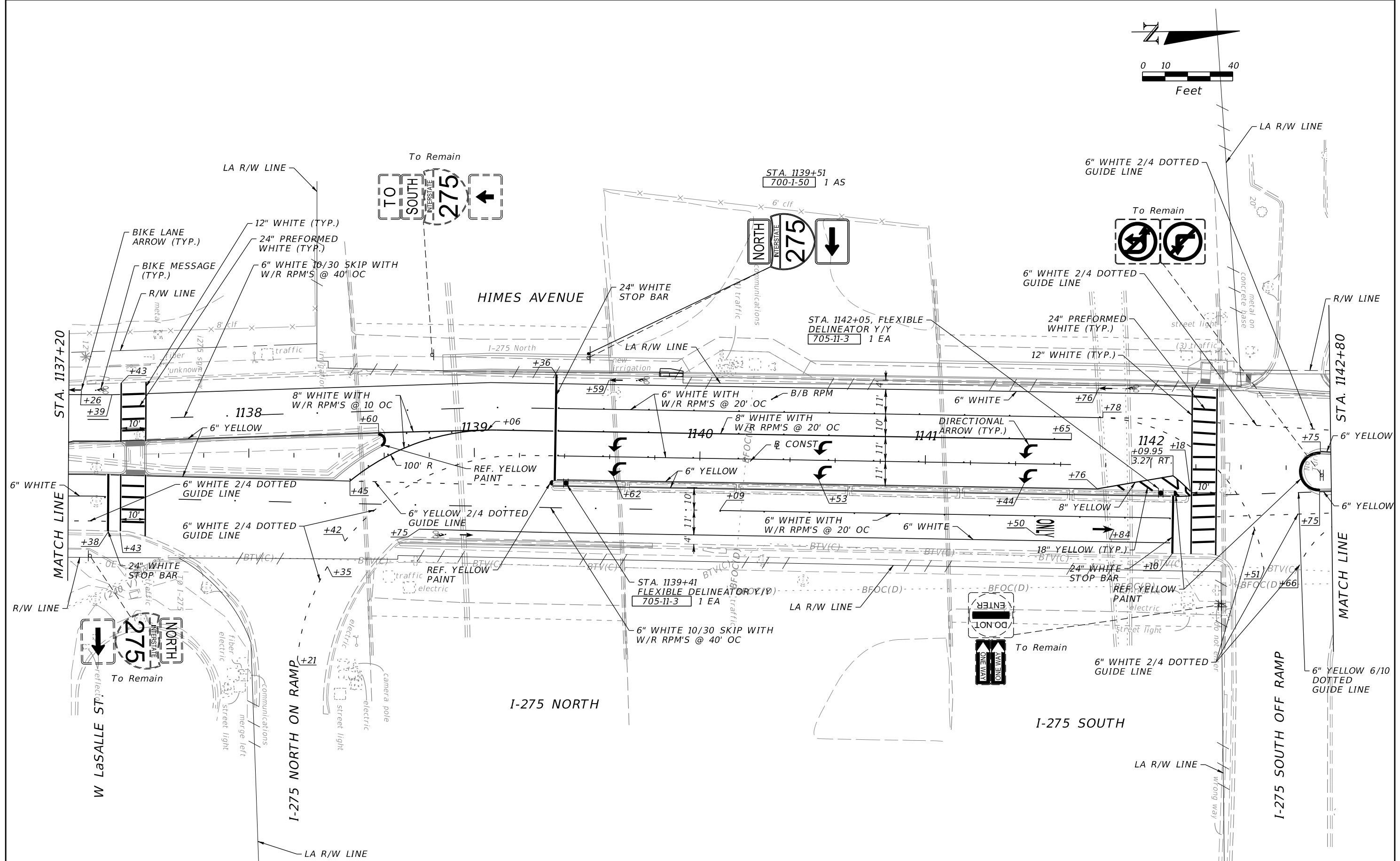
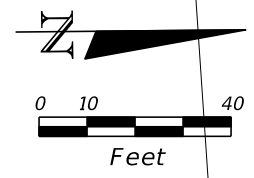
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**SIGNING AND
PAVEMENT MARKINGS**

SHEET NO.
40

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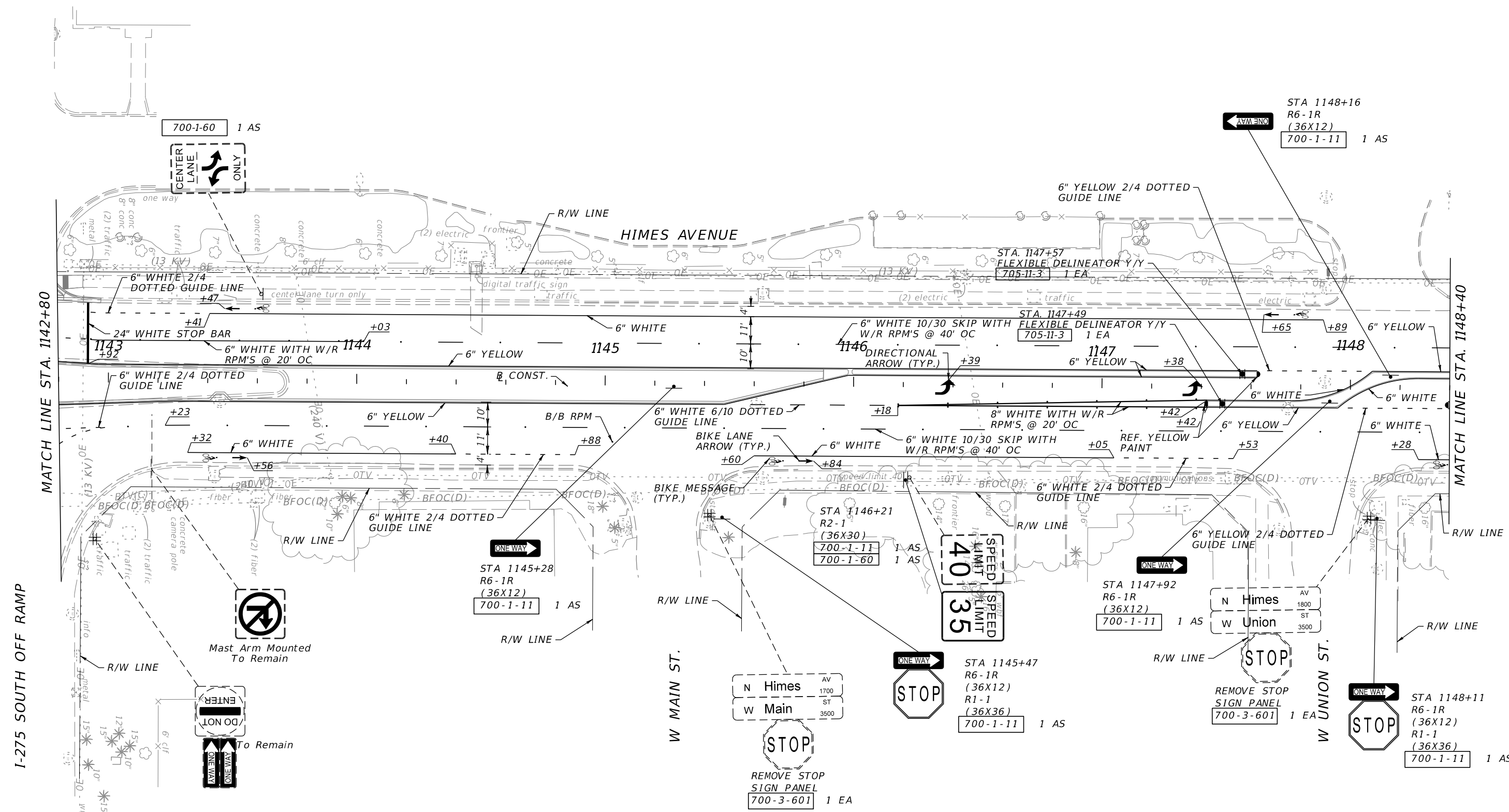
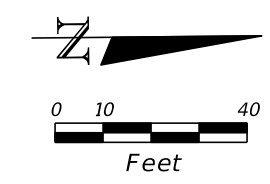
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CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

**SIGNING AND
PAVEMENT MARKINGS**

SHEET NO.
41

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

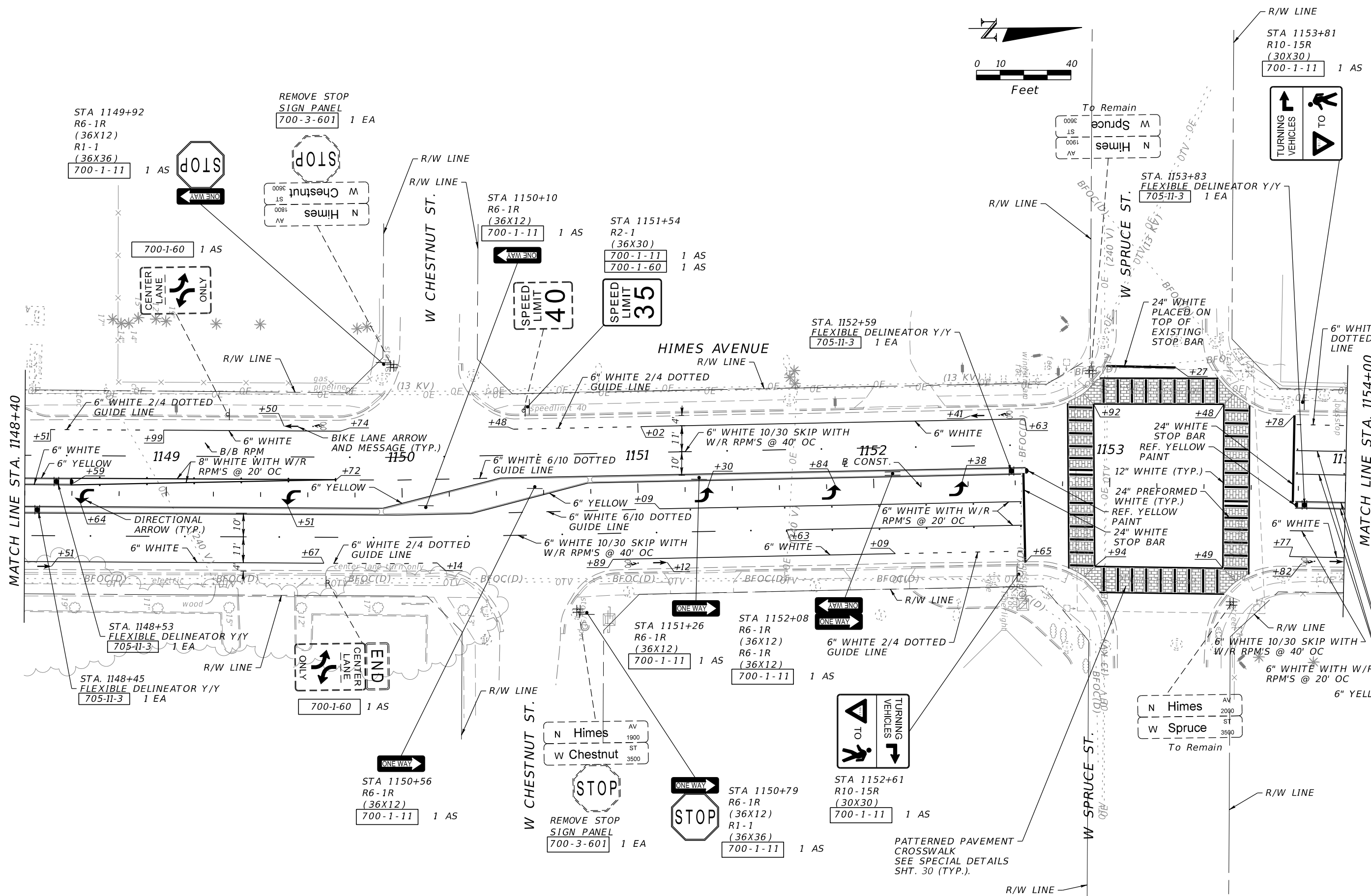
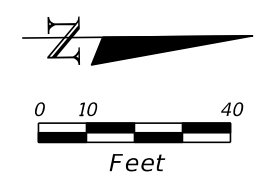
DEREK M. GIL, P.E.
 P.E. NO.: 54798
 ELEMENT ENGINEERING GROUP
 1713 E 9th AVENUE
 TAMPA, FL 33605
 CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

**SIGNING AND
PAVEMENT MARKINGS**

SHEET NO.
42

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

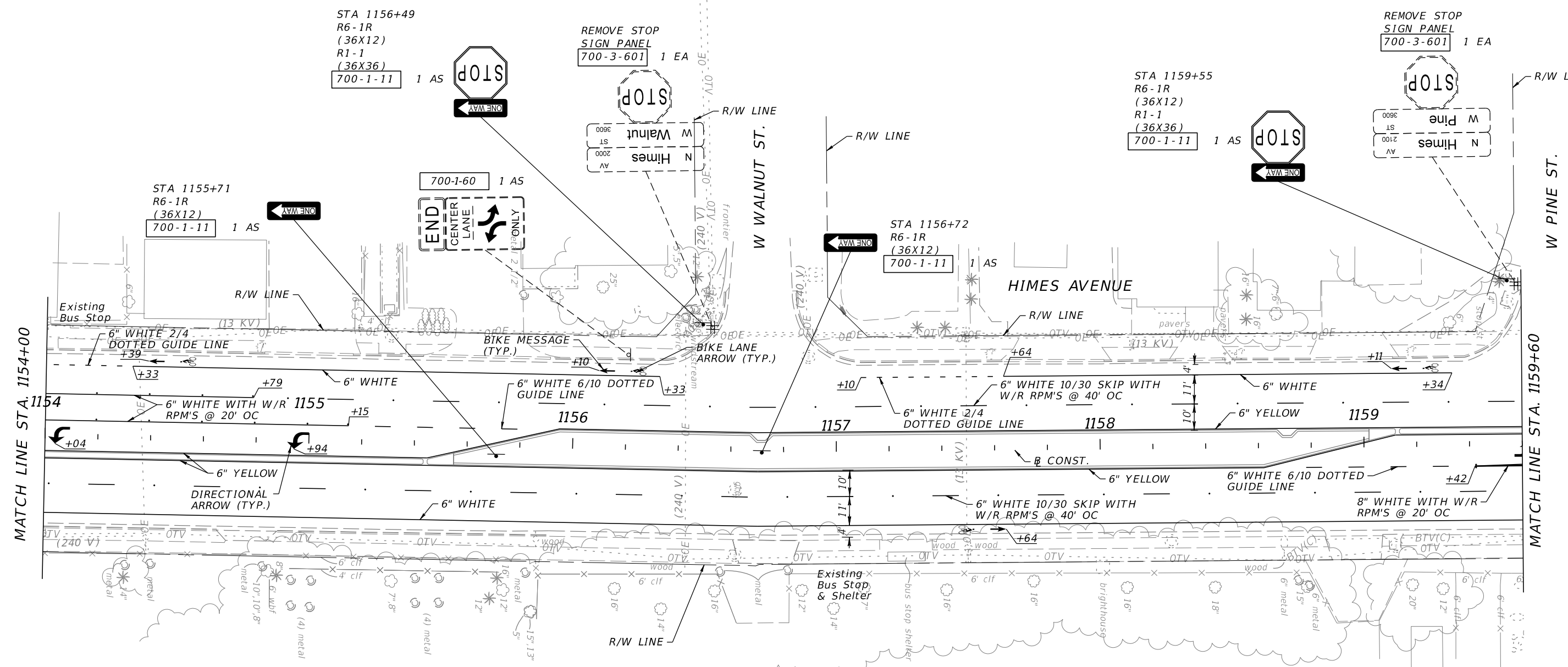
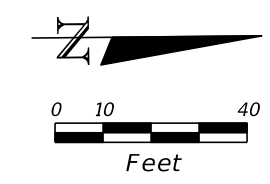
DEREK M. GIL, P.E.
 P.E. NO.: 54798
 ELEMENT ENGINEERING GROUP
 1713 E 9th AVENUE
 TAMPA, FL 33605
 CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

**SIGNING AND
PAVEMENT MARKINGS**

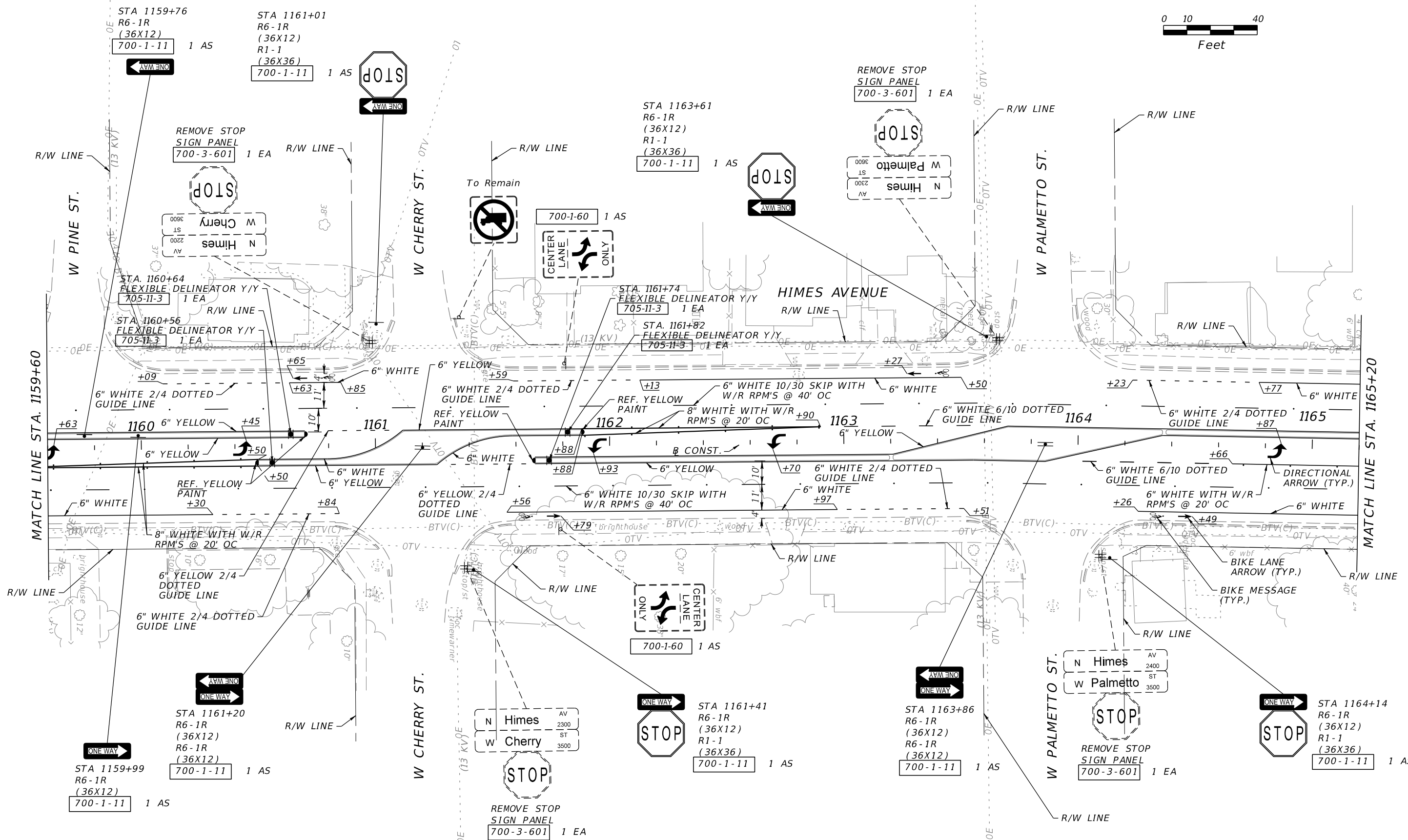
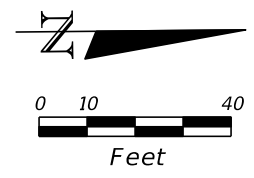
SHEET NO.
43

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REVISIONS				DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			SHEET NO. 44
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					NA	HILLSBOROUGH	437647-1-58-01	

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REVISIONS			
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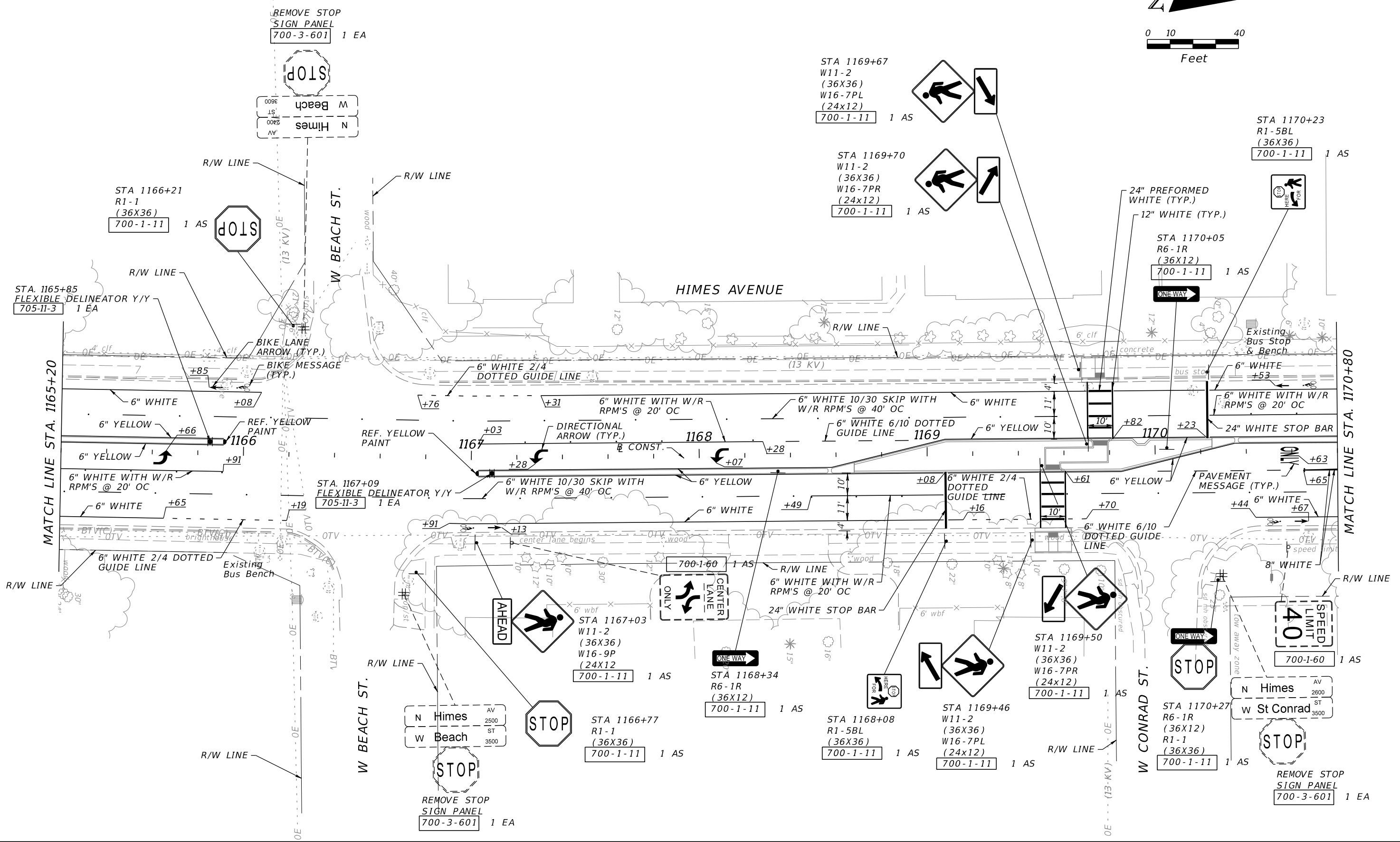
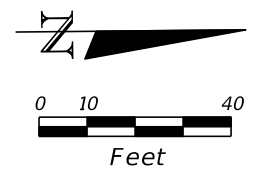
DEREK M. GIL, P.E.
 P.E. NO.: 54798
 ELEMENT ENGINEERING GROUP
 1713 E 9th AVENUE
 TAMPA, FL 33605
 CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

**SIGNING AND
PAVEMENT MARKINGS**

SHEET NO.
45

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REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

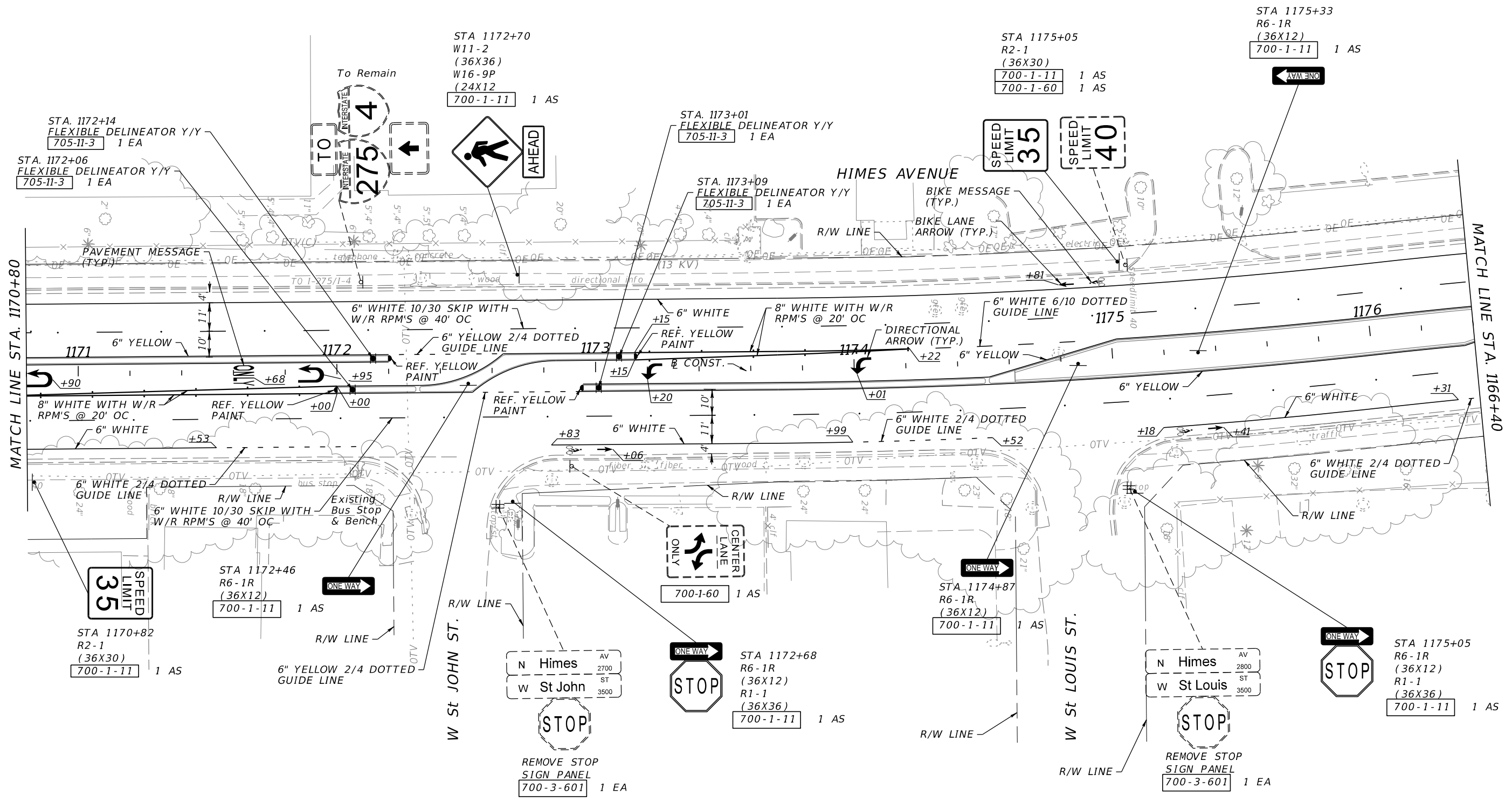
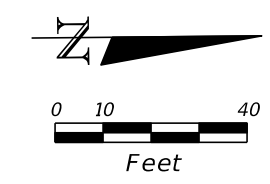
DEREK M. GIL, P.E.
 P.E. NO.: 54798
 ELEMENT ENGINEERING GROUP
 1713 E 9th AVENUE
 TAMPA, FL 33605
 CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

**SIGNING AND
PAVEMENT MARKINGS**

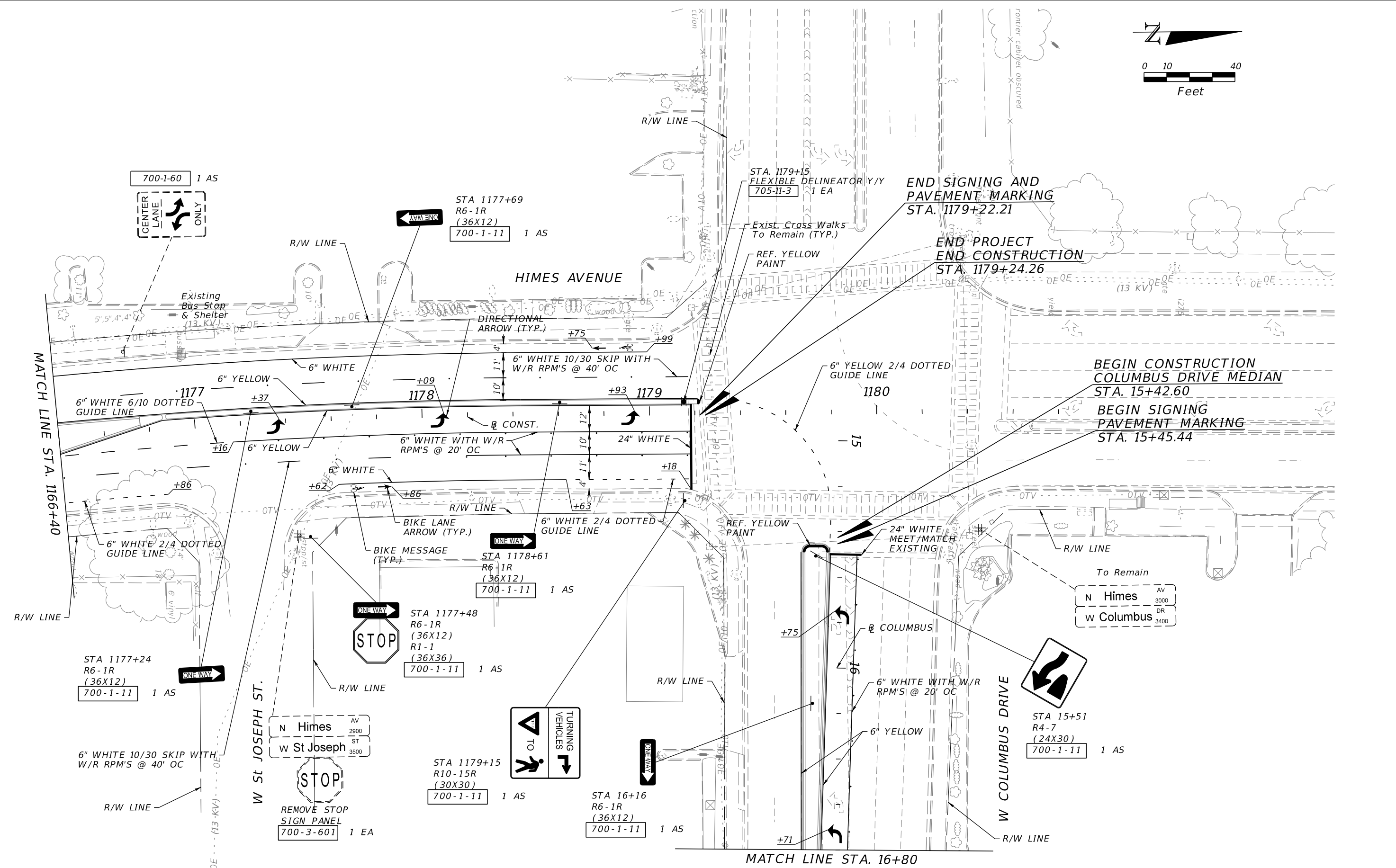
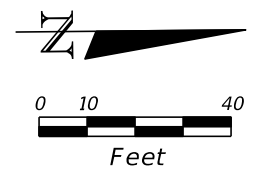
SHEET NO.
46

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REVISIONS				DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			SHEET NO. 47
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					NA	HILLSBOROUGH	437647-1-58-01	

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

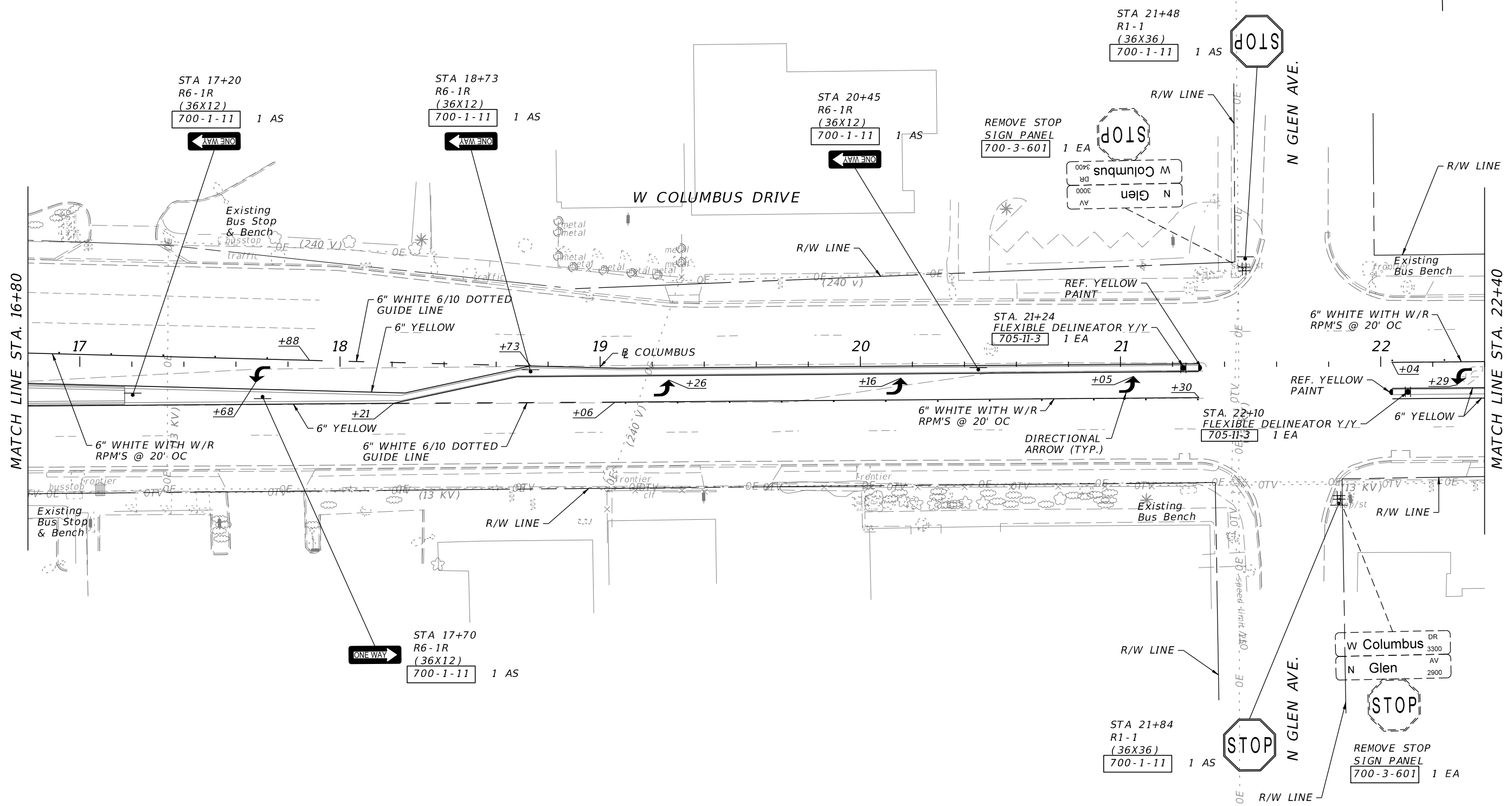
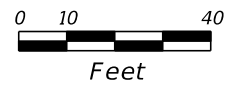
DEREK M. GIL, P.E.
 P.E. NO.: 54798
 ELEMENT ENGINEERING GROUP
 1713 E 9th AVENUE
 TAMPA, FL 33605
 CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

**SIGNING AND
PAVEMENT MARKINGS**

SHEET NO.
48

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MATCH LINE STA. 16+80

MATCH LINE STA. 22+40

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

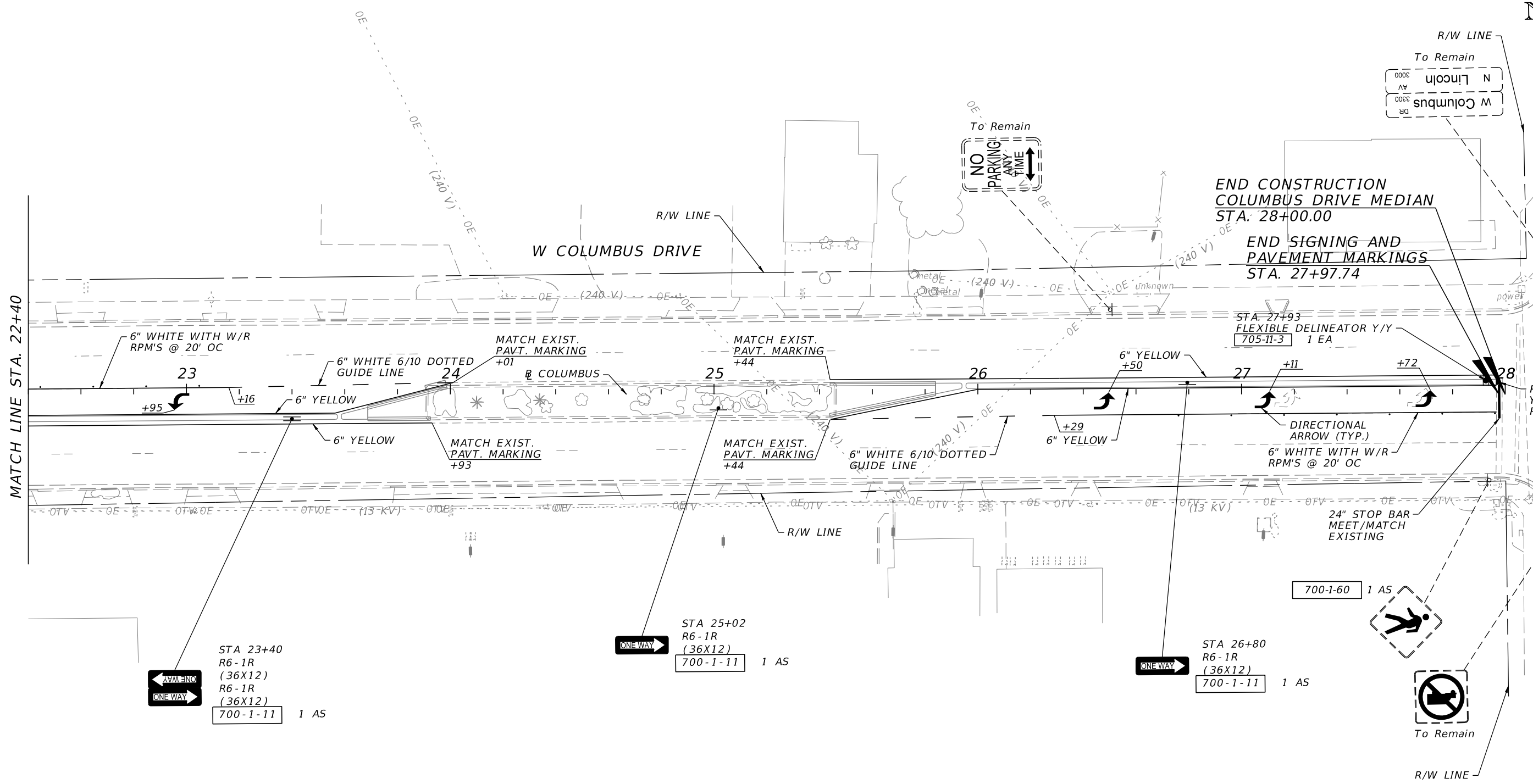
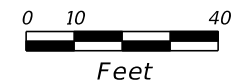
DEREK M. GIL, P.E.
 P.E. NO.: 54798
 ELEMENT ENGINEERING GROUP
 1713 E 9th AVENUE
 TAMPA, FL 33605
 CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

**SIGNING AND
PAVEMENT MARKINGS**

SHEET NO.
49

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MATCH LINE STA. 22+40

N LINCOLN AVE

**END CONSTRUCTION
COLUMBUS DRIVE MEDIAN
STA. 28+00.00**

**END SIGNING AND
PAVEMENT MARKINGS
STA. 27+97.74**

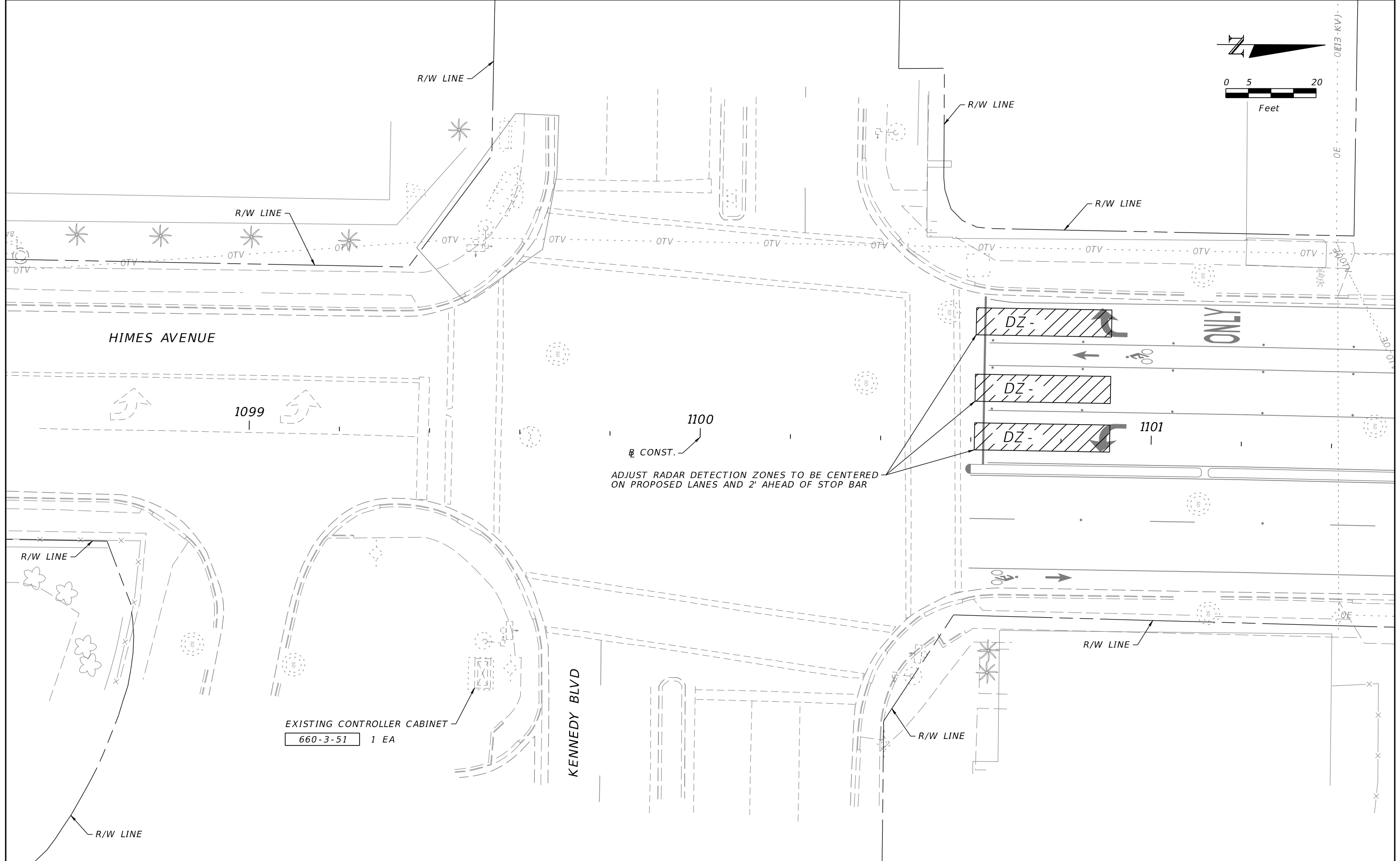
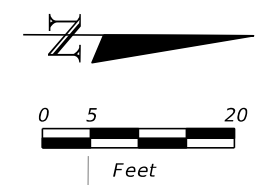
STA 23+40
R6-1R
(36X12)
R6-1R
(36X12)
700-1-11 1 AS

STA 25+02
R6-1R
(36X12)
700-1-11 1 AS

STA 26+80
R6-1R
(36X12)
700-1-11 1 AS

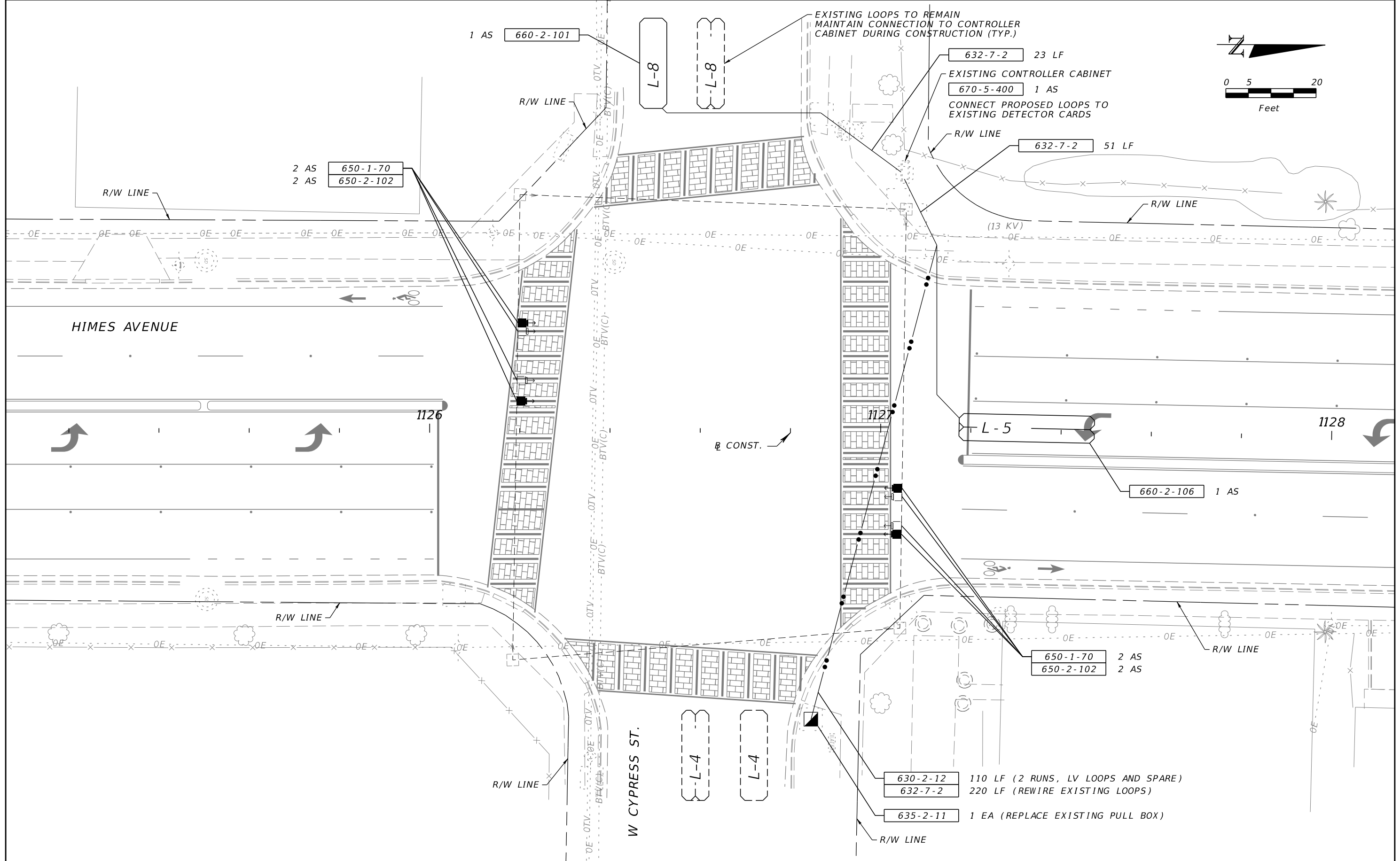
REVISIONS				DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			SHEET NO. 50
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					NA	HILLSBOROUGH	437647-1-58-01	

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REVISIONS				DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			SIGNALIZATION PLAN (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	437647-1-58-01		

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

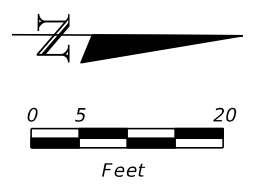
DEREK M. GIL, P.E.
P.E. NO.: 54798
ELEMENT ENGINEERING GROUP
1713 E 9th AVENUE
TAMPA, FL 33605
CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

SIGNALIZATION PLAN (2)

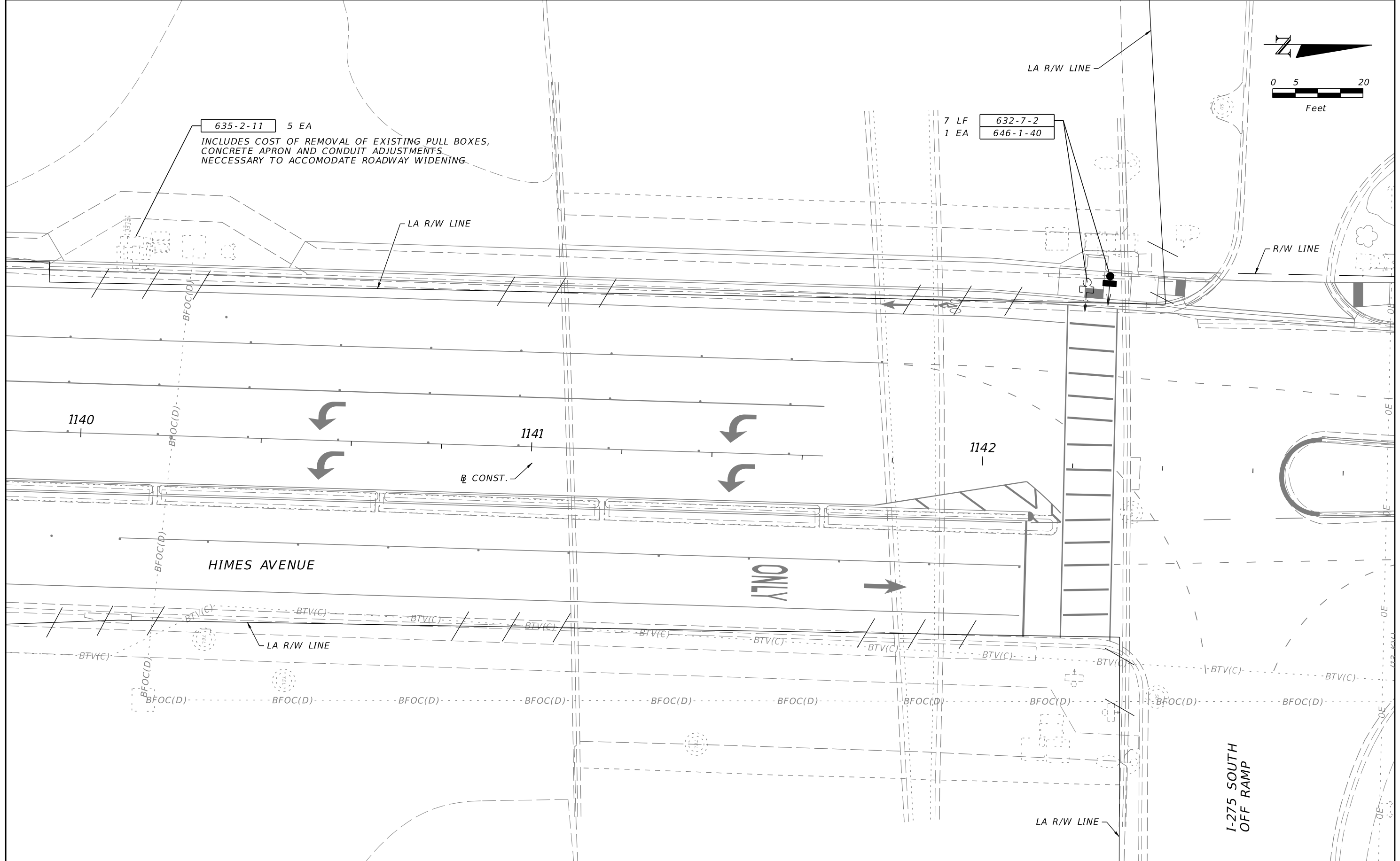
SHEET NO.
52

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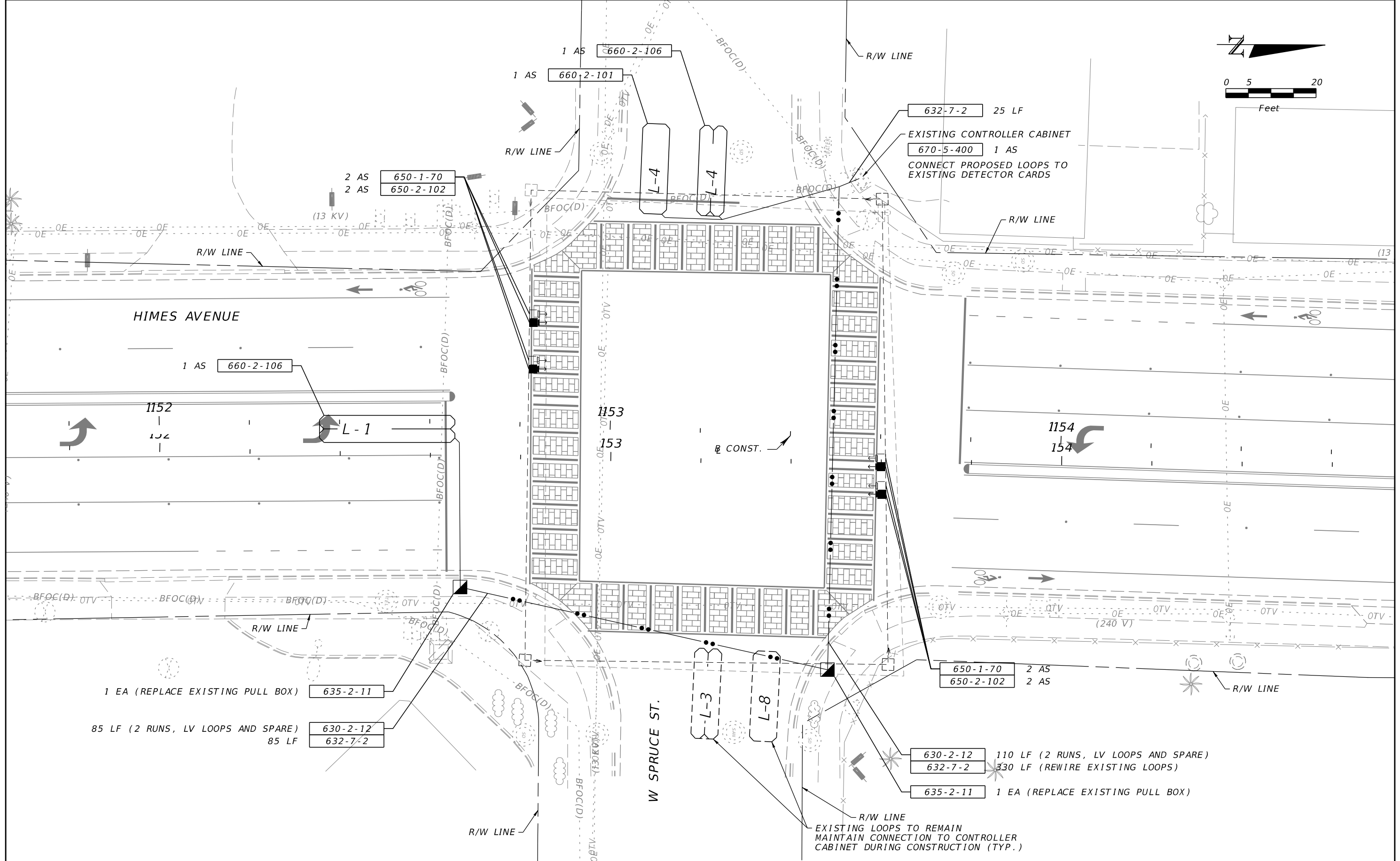
635-2-11 5 EA
 INCLUDES COST OF REMOVAL OF EXISTING PULL BOXES,
 CONCRETE APRON AND CONDUIT ADJUSTMENTS
 NECESSARY TO ACCOMMODATE ROADWAY WIDENING.

7 LF 632-7-2
 1 EA 646-1-40



REVISIONS				DEREK M. GIL, P.E. P.E. NO.: 54798 ELEMENT ENGINEERING GROUP 1713 E 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION: 26921	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			SHEET NO. 53
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					NA	HILLSBOROUGH	437647-1-58-01	

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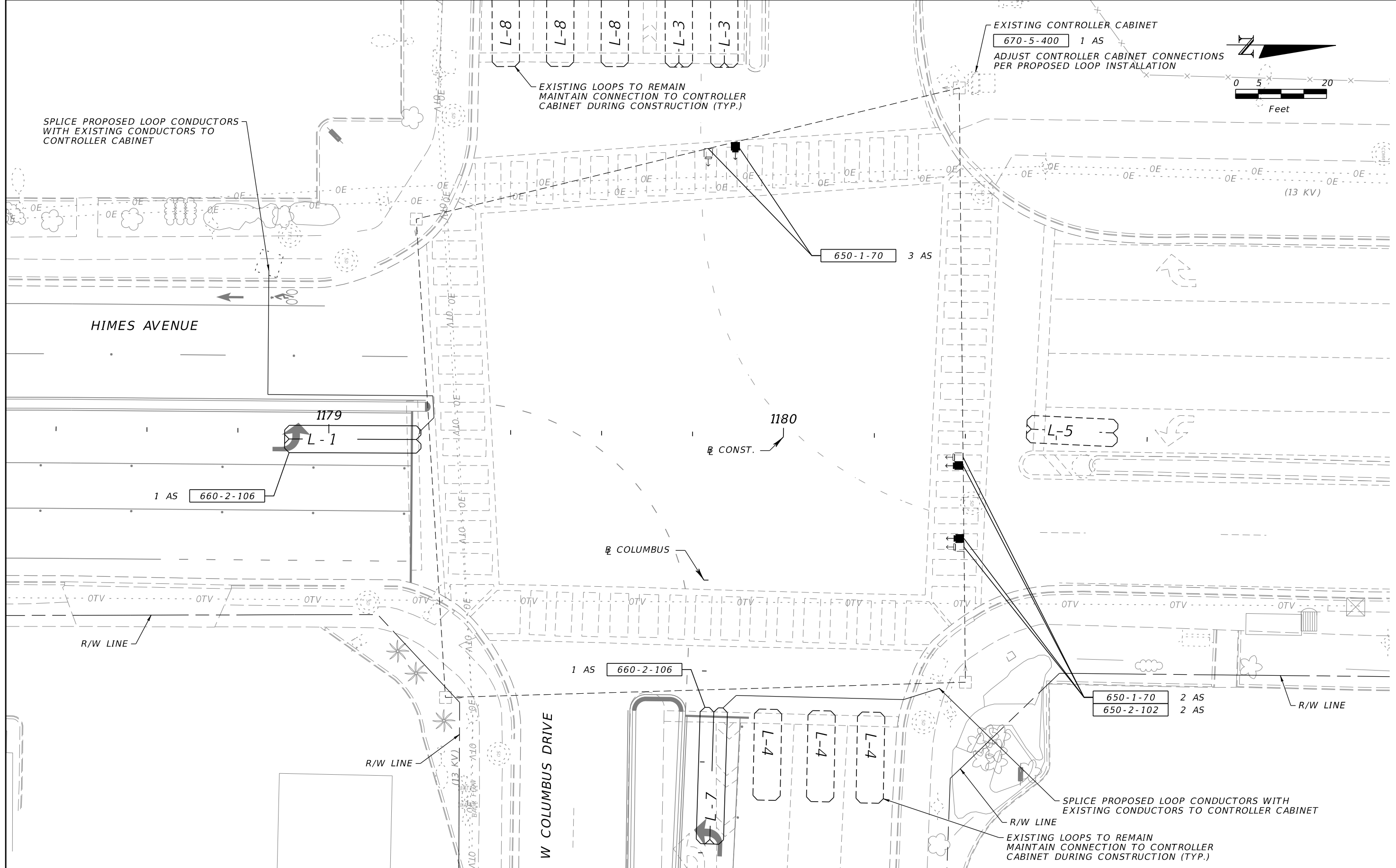
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DEREK M. GIL, P.E.
P.E. NO.: 54798
ELEMENT ENGINEERING GROUP
1713 E 9th AVENUE
TAMPA, FL 33605
CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

SIGNALIZATION PLAN (4)

SHEET NO.
54



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DEREK M. GIL, P.E.
P.E. NO.: 54798
ELEMENT ENGINEERING GROUP
1713 E 9th AVENUE
TAMPA, FL 33605
CERTIFICATE OF AUTHORIZATION: 26921

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	437647-1-58-01

SIGNALIZATION PLAN (5)

SHEET NO.
55

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