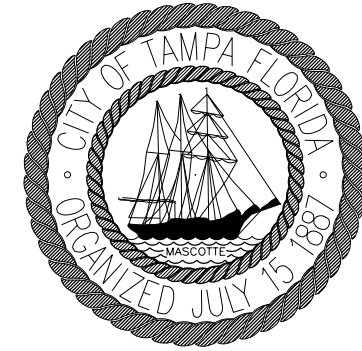


CITY OF TAMPA
DEPARTMENT OF TRANSPORTATION
AND STORMWATER

CONTRACT PLANS

CITY OF TAMPA PROJECT NO. 1000931
FDOT FINANCIAL PROJECT ID 436013-3-58-01
S HYDE PARK AVE.
FROM DE LEON ST. TO PLATT ST.

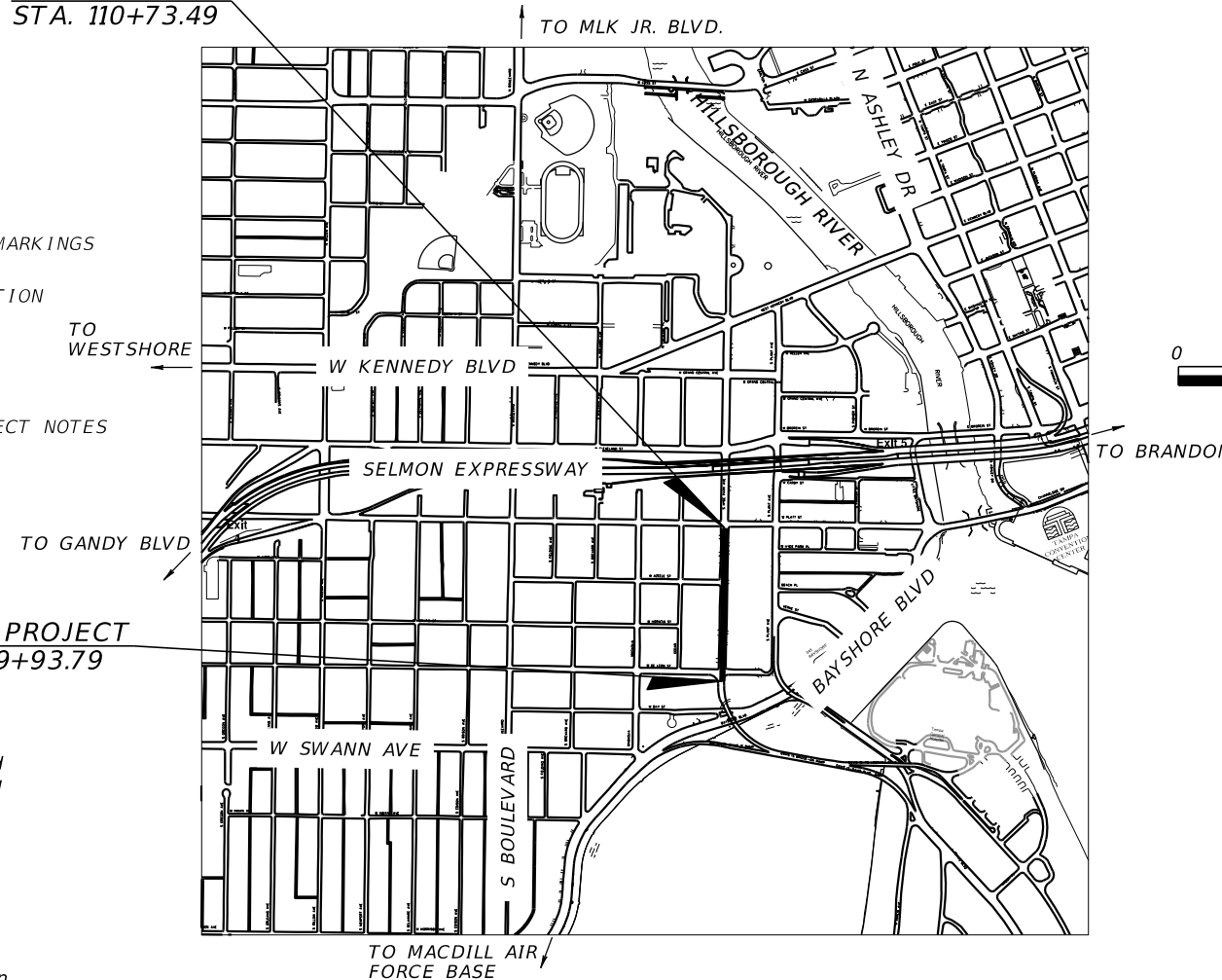


A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4	TYPICAL SECTION
SQ-1 - SQ-4	SUMMARY OF QUANTITIES
5	TABULATION OF QUANTITIES PAVEMENT MARKINGS
6	TABULATION OF QUANTITIES SIGNING
7	TABULATION OF QUANTITIES SIGNALIZATION
8	PROJECT LAYOUT
9	PROJECT NOTES
10 - 11	ROADWAY PLAN
12 - 13	TEMPORARY TRAFFIC CONTROL PLAN
14	SIGNING AND PAVEMENT MARKINGS PROJECT NOTES
15 - 16	PAVEMENT MARKING PLAN
17 - 18	SIGNING PLAN

END PROJECT
STA. 110+73.49



BEGIN PROJECT
STA. 99+93.79

GOVERNING STANDARDS AND SPECIFICATIONS:

Florida Department of Transportation, 2016 Design Standards and revised Index Drawings as appended herein, and Divisions II and III of the Florida Department of Transportation, January 2016 Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.

For Design Standards click on the "Design Standards" link at the following web site:
<http://www.dot.state.fl.us/rddesign/Design Standards>

For the Standard Specifications for Road and Bridge Construction click on the "Specifications" link at the following web site:
<http://www.dot.state.fl.us/specificationsoffice/Standard Specifications>

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>

PROJECT LENGTH IS BASED ON Q OF
CONSTRUCTION FOR HYDE PARK AVENUE

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	1079.70	0.205
BRIDGES	0.00	0.000
NET LENGTH OF PROJECT	1079.70	0.205
EXCEPTIONS	0.00	0.000
GROSS LENGTH OF PROJECT	1079.70	0.205

CITY PROJECT MANAGER: NINA MABILLEAU

KEY SHEET REVISIONS	
DATE	DESCRIPTION

ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:
DEREK M. GIL, P.E.
ELEMENT ENGINEERING GROUP
1713 E. 9th AVENUE
TAMPA, FL 33605

PLANS PREPARED BY:
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 NUMBER 26921

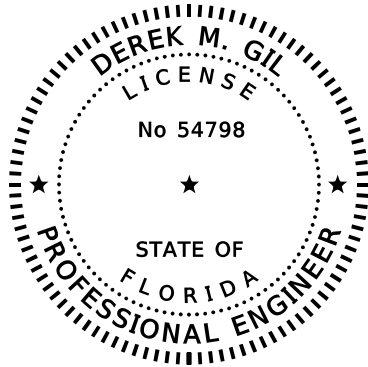
NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

NOTE: THIS PROJECT TO BE LET TO CONTRACT
WITH FINANCIAL PROJECT ID 436013-1-58-01
AND 436013-2-58-01

ROADWAY PLANS
ENGINEER OF RECORD: DEREK M. GIL

P.E. NO.: 54798

FISCAL YEAR	SHEET NO.
16	1



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED 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
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4	TYPICAL SECTION
SQ-1 - SQ-4	SUMMARY OF QUANTITIES
5	TABULATION OF QUANTITIES PAVEMENT MARKINGS
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15 - 16	PAVEMENT MARKING PLAN
17 - 18	SIGNING PLAN

REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	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	436013-3-58-01		

PAY ITEMS					
SUMMARY OF ROADWAY					
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	FA PART.	NON PART.	TOTAL
0101 1	MOBILIZATION	LS		1	1
0102 1	MAINTENANCE OF TRAFFIC (58 DA)	LS		1	1
0102 60	WORK ZONE SIGN	ED		724	724
0102 74 1	CHANNELIZING DEVICE (TYPES I,II,DI,VP,DRUM, VEH. LCD)	ED		2084	2084
0102 74 5	CHANNELIZING DEVICE - PEDESTRIAN LCD	ED		70	70
0102 76	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED		44	44
0102 78	TEMPORARY RETRO-REFLECTIVE PAVEMENT MARKERS	EA		94	94
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN - TEMPORARY	ED		246	246
0104 18	INLET PROTECTION SYSTEM	EA		7	7
0110 1 1	CLEARING & GRUBBING (0.01 AC)	LS		1	1
0327 70 5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	SY		5409	5409
0334 1 22	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC B, PG 76-22, PMA)	TN		595.0	595.0
0337 7 40	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC B, FC-9.5,	TN		297.5	297.5
0425 5 1	MANHOLE, ADJUST, UTILITIES	EA		1	1
0425 6	VALVE BOX, ADJUST	EA		2	2
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF		47	47
0522 1	SIDEWALK CONCRETE, 4" THICK	SY		51	51
0527 2	DETECTABLE WARNINGS	SF		19	19
0570 1 2	PERFORMANCE TURF, SOD	SY		27	27
0710 11101	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 6"	GM		0.331	0.331
0710 11102	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 8"	GM		0.117	0.117
0710 11123	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 12"	LF		316	316
0710 11124	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 18"	LF		195	195
0710 11125	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 24"	LF		200	200
0710 11131	PAINTED PAVEMENT MARKINGS, STD, WHITE, SKIP 10/30, 6"	GM		0.198	0.198
0710 11141	PAINTED PAVT. MARKINGS, STD., WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXT., 6"	GM		0.105	0.105
0710 11160	PAINTED PAVEMENT MARKINGS, STD, WHITE, MESSAGE OR SYMBOL	EA		7	7
0710 11170	PAINTED PAVEMENT MARKINGS, STD, WHITE, ARROW	EA		7	7
0710 11202	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 8"	GM		0.121	0.121
0710 11224	PAINTED PAVT. MARKINGS, STD., YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF		457	457

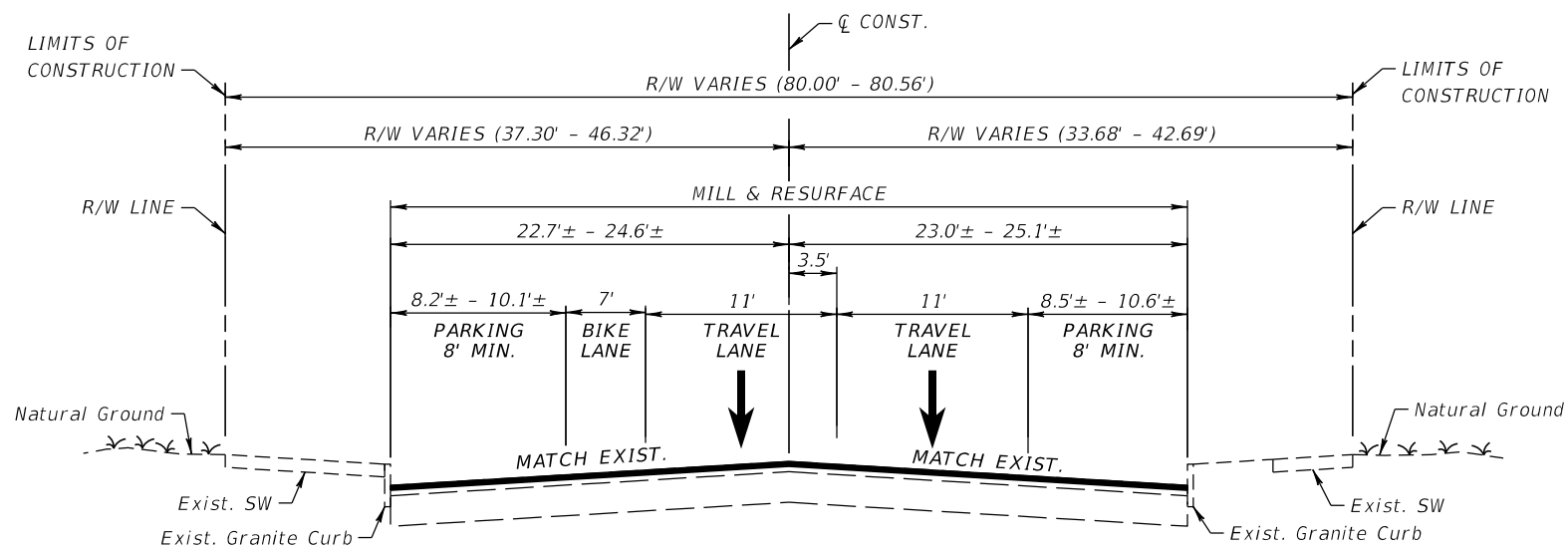
PAY ITEMS					
SUMMARY OF SIGNING AND PAVEMENT MARKINGS					
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	FA PART.	NON PART.	TOTAL
0700 1 11	SINGLE POST SIGN, F&I, GROUND MOUNT, UP TO 12 SF	AS		9	9
0700 1 50	SINGLE POST SIGN, RELOCATE	AS		3	3
0700 1 60	SINGLE POST SIGN, REMOVE	AS		9	9
0700 3 601	SIGN PANEL, REMOVE, UP TO 12 SF	EA		1	1
0710 90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	LS		1	1
0711 11124	THERMOPLASTIC, WHITE, SOLID FOR DIAGONALS AND CHEVRONS, 18"	LF		195	195
0711 11125	THERMOPLASTIC, WHITE, SOLID FOR STOP BARS, 24"	LF		17	17
0711 11141	THERMO, STD, WHITE, 2-4 DOTTED / 6-10 DOTTED EXT., 6"	GM		0.105	0.105
0711 11170	THERMOPLASTIC, ARROWS	EA		3	3
0711 11224	THERMOPLASTIC, YELLOW, SOLID FOR DIAGONALS AND CHEVRONS, 18"	LF		457	457
0711 14123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12"	LF		316	316
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24"	LF		183	183
0711 14160	THERMOPLASTIC, PREFORMED, MESSAGE	EA		7	7
0711 14170	THERMOPLASTIC, PREFORMED, ARROWS (BIKE THRU ARROW)	EA		4	4
0711 16101	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SOLID, 6"	GM		0.331	0.331
0711 16102	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SOLID, 8"	GM		0.117	0.117
0711 16131	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SKIP/DOTTED, 6"	GM		0.198	0.198
0711 16202	THERMOPLASTIC, STD - OTHER SURFACES, YELLOW, SOLID, 8"	GM		0.121	0.121
0711 17	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	SF		147	147

PAY ITEMS					
SUMMARY OF SIGNALIZATION					
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	FA PART.	NON PART.	TOTAL
0650 1 70	VEHICULAR TRAFFIC SIGNAL (RELOCATE)	AS		2	2
0650 2102	VEHICULAR SIGNAL AUXILIARIES, (REPAIR/REPLACE/RETROFIT - F&I)(BACKPLATE - BLACK WITH RETROFLECTIVE BORDER)	EA		2	2

REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER	ROAD NO. COUNTY FINANCIAL PROJECT ID NA HILLSBOROUGH 436013-3-58-01	SUMMARY OF PAY ITEMS	SHEET NO. 3
DATE	DESCRIPTION	DATE	DESCRIPTION					

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

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TRAFFIC DATA

CURRENT YEAR = 2014 AADT = 7100
 K = 9.0% D = 100.0% T = 7.2% (24 HOUR)
 DESIGN SPEED = 35 MPH
 POSTED SPEED = 35 MPH

**TYPICAL SECTION
 S. HYDE PARK AVE.
 STA. 99+93.79 TO STA. 110+73.49**

MILLING

MILL EXISTING ASPHALT PAVEMENT (2" AVG. DEPTH) *

RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2") (PG-76-22) (PMA)
 AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1") (PG-76-22) (PMA)

* NOTE: THERE IS EXIST. BRICK UNDER THE PAVEMENT.
 CONTRACTOR SHALL USE CAUTION WHEN MILLING
 EXIST. PAVEMENT.

REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			SHEET NO. 4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					NA	HILLSBOROUGH	436013-3-58-01	TYPICAL SECTION

SUMMARY OF LUMP SUM ITEMS

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

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE I			PHASE II			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	P	F		
			DAYS	P	P	DAYS	P	P	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS							1		58 TOTAL CONTRACT DAYS	
0102 60	WORK ZONE SIGN	ED	14	17	238	30	12	360	598			
0102 74 1	CHANNELIZING DEVICE (TYPES I,II,DI,VP,DRUM, VEH. LCD)	ED	14	41	686	30	41	1230	1916			
	ADVANCED PCMS	ED	7	16								
0102 74 5	CHANNELIZING DEVICE - PEDESTRIAN LCD	ED	14	5	70				70			
0102 76	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	14	1	14	30	1	30	44			
0102 78	TEMPORARY RETRO-REFLECTIVE PAVEMENT MARKERS	EA						94	94			
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN - TEMPORARY	ED	14	4	84	30	4	120	204			
	ADVANCED PCMS	ED	7	4								
0710 11101	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 6"	GM						0.331	0.331			
0710 11102	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 8"	GM						0.117	0.117			
0710 11123	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 12"	LF						316	316			
0710 11124	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 18"	LF						195	195			
0710 11125	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 24"	LF						200	200			
0710 11131	PAINTED PAVEMENT MARKINGS, STD. WHITE, SKIP 10/30, 6"	GM						0.198	0.198			
0710 11141	PAINTED PAVT. MARKINGS, STD., WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXT. 6"	GM						0.105	0.105			
0710 11160	PAINTED PAVEMENT MARKINGS, STD, WHITE, MESSAGE OR SYMBOL	EA						7	7			
0710 11170	PAINTED PAVEMENT MARKINGS, STD, WHITE, ARROW	EA						7	7			
0710 11202	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 8"	GM						0.121	0.121			
0710 11224	PAINTED PAVT. MARKINGS, STD., YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF						457	457			

<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					<p>ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798</p>	<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 align="center">NA</td> <td align="center">HILLSBOROUGH</td> <td align="center">436013-3-58-01</td> </tr> </tbody> </table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	NA	HILLSBOROUGH	436013-3-58-01	<p align="center">SUMMARY OF QUANTITIES</p>	<p align="center">SHEET NO. SQ-1</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																			
NA	HILLSBOROUGH	436013-3-58-01																			

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SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE III			TOTAL		GRAND TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	P	F	P	F		
			DAYS	P	P						
0102 1	MAINTENANCE OF TRAFFIC	LS						1		58 TOTAL CONTRACT DAYS	
0102 60	WORK ZONE SIGN	ED	14	9	126	126		724			
0102 74 1	CHANNELIZING DEVICE (TYPES I,II,DI,VP,DRUM, VEH. LCD)	ED	14	12	168	168		2084			
0102 74 5	CHANNELIZING DEVICE - PEDESTRIAN LCD	ED						70			
0102 76	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED						44			
0102 78	TEMPORARY RETRO-REFLECTIVE PAVEMENT MARKERS	EA						94			
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN - TEMPORARY	ED	14	3	42	42		246			
0710 11101	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 6"	GM						0.331			
0710 11102	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 8"	GM						0.117			
0710 11123	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 12"	LF						316			
0710 11124	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 18"	LF						195			
0710 11125	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 24"	LF						200			
0710 11131	PAINTED PAVEMENT MARKINGS, STD. WHITE, SKIP 10/30, 6"	GM						0.198			
0710 11141	PAINTED PAVT. MARKINGS, STD., WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXT. 6"	GM						0.105			
0710 11160	PAINTED PAVEMENT MARKINGS, STD, WHITE, MESSAGE OR SYMBOL	EA						7			
0710 11170	PAINTED PAVEMENT MARKINGS, STD, WHITE, ARROW	EA						7			
0710 11202	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 8"	GM						0.121			
0710 11224	PAINTED PAVT. MARKINGS, STD., YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF						457			

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION	SIDE	INLET PROTECTION SYSTEM		CONSTRUCTION REMARKS
		0104 18		
STA. TO STA.		EA		
		P	F	
100+11	RT.	1		
101+01	LT.	1		
101+02	RT.	1		
104+06	RT.	1		
104+08	LT.	1		
107+18	RT.	1		
107+37	LT.	1		
SUB-TOTAL:		7		
TOTAL:		7		

REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	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	436013-3-58-01			

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SUMMARY OF REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNITS	SECONDARY UNITS (IF LUMP SUM)	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				AREA (AC)	P	F	P	F		
0110 1 1	CLEARING & GRUBBING	106+48.11 TO 106+72.09	LT.	7881	LS	0.006		1		1		0.01 AC
		106+61.41 TO 106+74.40	LT.	7904		0.001						
		107+07.84 TO 107+22.25	LT.	7916		0.001						
		107+09.87 TO 107+31.56	LT.	7892		0.005						

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F	
0327 70 5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	99+93.79 TO 110+45.00		LT./RT.	7960	SY	5409.3		5409		
0334 1 22	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC B, PG 76-22, PMA)	99+93.79 TO 110+45.00		LT./RT.	7995	TN	595.03		595.0		
0337 7 40	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC B, FC-9.5, PG 76-22, PMA)	99+93.79 TO 110+45.00		LT./RT.	8101	TN	297.51		297.5		

SUMMARY OF UTILITY ADJUSTMENTS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STATION	SIDE	UNIT	QUANTITY		TOTAL		CONSTRUCTION REMARKS
					P	F	P	F	
0425 5 1	MANHOLE, ADJUST, UTILITIES	101+76.00	RT.	EA	1.0		1		
0425 6	VALVE BOX, ADJUST	107+19.00	LT.	EA	1.0		2		
		107+23.00	LT.		1.0				

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY				TOTAL		CONSTRUCTION REMARKS	
		STA. TO STA.			GROSS LENGTH	DEDUCTIONS		NET LENGTH		P		F
						TYPE	LENGTH	P	F			
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	106+61.61 TO 106+72.91	LT.	LF	23.6			23.6		47		
		107+09.33 TO 107+22.14	LT.		23.3			23.3				

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

ELEMENT ENGINEERING GROUP
1713 E. 9th AVENUE
TAMPA, FL 33605
CERTIFICATE OF AUTHORIZATION 26921
DEREK M. GIL, P.E.
P.E. LICENSE NUMBER: 54798

CITY OF TAMPA
DEPARTMENT OF TRANSPORTATION
AND STORMWATER

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	436013-3-58-01

SUMMARY OF QUANTITIES

SHEET NO.

SQ-3

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

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION	SIDE	AREA ID	CONC SIDEWALK 4"		DETECTABLE WARNINGS		CONSTRUCTION REMARKS
			0522 1	0527 2			
STA. TO STA.			SY		SF		
			P	F	P	F	
106+48.11 TO 106+72.09	LT.	8197	27.7				
107+09.87 TO 107+31.56	LT.	8208	23.4				
106+65.64 TO 106+70.68	LT.	23324			9.6		
107+10.91 TO 107+15.71	LT.	23277			9.4		
SUB-TOTAL:			51.1		19.0		
TOTAL:			51		19		

SUMMARY OF PERFORMANCE TURF

LOCATION	SIDE	AREA ID	PERFORMANCE TURF (SOD)		CONSTRUCTION REMARKS
			0570 1	2	
STA. TO STA.			SY		
			P	F	
106+48.11 TO 106+64.54	LT.	7320	11.1		
106+67.13 TO 106+72.99	LT.	7339	4.7		
107+09.83 TO 107+15.24	LT.	7154	1.8		
107+17.39 TO 107+31.65	LT.	7292	9.2		
SUB-TOTAL:			26.8		
TOTAL:			27		

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

ELEMENT ENGINEERING GROUP
 1713 E. 9th AVENUE
 TAMPA, FL 33605
 CERTIFICATE OF AUTHORIZATION 26921
 DEREK M. GIL, P.E.
 P.E. LICENSE NUMBER: 54798

CITY OF TAMPA
 DEPARTMENT OF TRANSPORTATION
 AND STORMWATER

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	436013-3-58-01

SUMMARY OF QUANTITIES

SHEET NO.

SQ-4

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			15		16															
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL		
0710 90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	LS																		
*	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	57		37												94			
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 12"	LF	239		77												316			
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 18"	LF	89		106												195			
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 24"	LF	143		57												200			
*	PAINTED PAVEMENT MARKINGS, STD., WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXT., 6"	GM	0.034		0.071												0.105			
*	PAINTED PAVEMENT MARKINGS, STD, MESSAGE OR SYMBOL	EA	4		3												7			
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, ARROW	EA	4		3												7			
*	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	296		161												457			
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 6"	GM	0.162		0.169												0.331			
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 8"	GM	0.070		0.047												0.117			
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SKIP 10/30, 6"	GM	0.099		0.099												0.198			
*	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 8"	GM	0.062		0.059												0.121			
0711 11124	THERMOPLASTIC, WHITE, SOLID FOR DIAGONALS AND CHEVRONS, 18"	LF	89		106												195		195	
0711 11125	THERMOPLASTIC, WHITE, SOLID FOR STOP BARS, 24"	LF			17												17		17	
0711 11141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDE LINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.034		0.071												0.105		0.105	
0711 11170	THERMOPLASTIC, ARROWS, RIGHT	EA	3														3		3	
0711 11224	THERMOPLASTIC, YELLOW, SOLID FOR DIAGONALS AND CHEVRONS, 18"	LF	296		161												457		457	
0711 14123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12"	LF	239		77												316		316	
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24"	LF	143		40												183		183	
0711 14160	THERMOPLASTIC, PREFORMED, MESSAGE	EA															7		7	
	THERMOPLASTIC, PREFORMED, MESSAGE, BIKE SYMBOL	EA	1		3															
	THERMOPLASTIC, PREFORMED, MESSAGE, SHARROW	EA	3																	
0711 14170	THERMOPLASTIC, PREFORMED, ARROWS (BIKE THRU ARROW)	EA	1		3												4		4	
0711 16101	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SOLID, 6"	GM	0.162		0.169												0.331		0.331	
0711 16102	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SOLID, 8"	GM	0.070		0.047												0.117		0.117	
0711 16131	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SKIP/DOTTED, 6" 10/30 SKIP	GM	0.099		0.099												0.198		0.198	
0711 16202	THERMOPLASTIC, STD - OTHER SURFACES, YELLOW, SOLID, 8"	GM	0.062		0.059												0.121		0.121	
0711 17	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	SF	10		137												147		147	

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				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			TABULATION OF QUANTITIES PAVEMENT MARKINGS	SHEET NO. 5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-3-58-01		

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	
			17		18												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		2													9	9	
0700 1 50	SINGLE POST SIGN, RELOCATE	AS	3															3	3	
0700 1 60	SINGLE POST SIGN, REMOVE	AS	5		4													9	9	
0700 3 601	SIGN PANEL, REMOVE, UP TO 12 SF	EA			1													1	1	

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REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			TABULATION OF QUANTITIES SIGNING	SHEET NO. 6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-3-58-01		

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT											TOTAL THIS SHEET		GRAND TOTAL			
			18										PLAN	FINAL	PLAN	FINAL		
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL						
0650 1 70	VEHICULAR TRAFFIC SIGNAL, RELOCATE	AS	2														2	2
0650 2102	VEHICULAR SIGNAL AUXILIARIES (REPAIR/REPLACE/RETROFIT - F&I) (BACKPLATE - BLACK WITH RETROREFLECTIVE BORDER)	EA	2														2	2

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ELEMENT ENGINEERING GROUP
 1713 E. 9th AVENUE
 TAMPA, FL 33605
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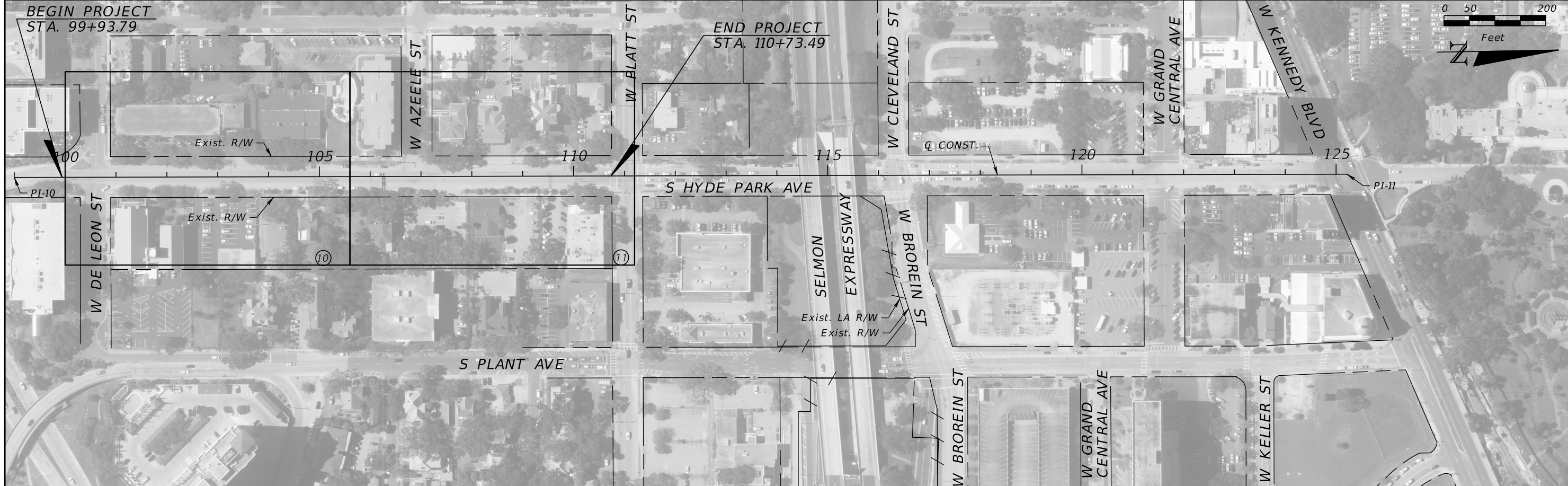
CITY OF TAMPA
 DEPARTMENT OF TRANSPORTATION
 AND STORMWATER

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	436013-3-58-01

**TABULATION OF QUANTITIES
 SIGNALIZATION**

SHEET
NO.
7

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CURVE AND COORDINATE DATA TABLE

CURVE /PI NO	ALIGNMENT	PC			PI			PT			Δ	D	T	L	R	BACK BEARING	AHEAD BEARING	e	DESIGN SPEED
		STATION	NORTHING	EASTING	STATION	NORTHING	EASTING	STATION	NORTHING	EASTING									
	HYDE PARK Q. CONST.																		
10					99+00.00	1,310,578.4592	506,363.2935									N 0° 51' 11" E			
11					125+21.62	1,313,199.7925	506,402.3189									N 0° 51' 11" E			

<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			<p>ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798</p>			<p align="center">CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER</p> <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>436013-3-58-01</td> </tr> </table>			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	NA	HILLSBOROUGH	436013-3-58-01	<p align="center">PROJECT LAYOUT</p>				<p align="center">SHEET NO. 8</p>
REVISIONS																										
DATE	DESCRIPTION																									
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																								
NA	HILLSBOROUGH	436013-3-58-01																								

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PROJECT NOTES

1. THE PURPOSE OF THIS PROJECT IS TO CONSTRUCT PEDESTRIAN AND BICYCLE IMPROVEMENTS ALONG HYDE PARK AVE. BETWEEN DE LEON ST. AND PLATT ST. THE IMPROVEMENTS WILL INCLUDE PEDESTRIAN RAMP BULB-OUTS, BIKE LANES, AND HIGH EMPHASIS PAVEMENT MARKINGS. RETROREFLECTIVE BACKPLATES SHALL BE INSTALLED AT ALL SIGNALIZED INTERSECTIONS. LIMITED SURVEY HAS BEEN PERFORMED IN PREPARATION TO THESE PLANS. EXIST. R/W LINES SHOWN ARE PROVIDED BY THE CITY OF TAMPA SURVEY DEPARTMENT. ALL FEATURES SHOWN ARE APPROXIMATE AND MUST BE FIELD VERIFIED AT TIME OF CONSTRUCTION.
2. CITY OF TAMPA STANDARD DRAWINGS ARE AVAILABLE AT THE CITY MUNICIPAL OFFICE BUILDING, 306 E. JACKSON STREET, 5TH FLOOR, NORTH WING.
3. BENCHMARK ELEVATIONS SHOWN ON THE PLANS DEPICT THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
4. ANY U.S.C. & G.S. MONUMENT WITHIN LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND:
DIRECTOR, NATIONAL GEODETIC SURVEY
1315 EAST WEST HIGHWAY
SILVER SPRING, MARYLAND 20910-2382
PHONE: (301) 713-3242
5. STATIONS AND OFFSETS FOR INLETS AND MANHOLES REFER TO THE CENTERPOINT OF THE STRUCTURE. CURB INLETS SHALL BE POSITIONED LONGITUDINALLY ACCORDING TO STATIONING GIVEN AND Laterally according to the appropriate standard, unless noted otherwise. CURB INLET TOP AND THROAT ELEVATIONS SHALL BE BASED ON THE EDGE-OF-PAVEMENT ELEVATION (GIVEN OR CALCULATED) AND THE APPROPRIATE STANDARD. INLET THROAT ELEVATIONS TO BE DETERMINED BY THE CONTRACTOR FROM THE EDGE-OF-PAVEMENT ELEVATION.
6. ALL CURB RADII, P.I., P.C., AND P.T. REFER TO THE EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.
7. ALL RCP'S SHALL BE CONSTRUCTED WITHOUT LIFT-HOLES AND SHALL BE CLASS III UNLESS NOTED OTHERWISE IN THE PLANS.
8. EXISTING SIDEWALK WITHIN THE ROADWAY R/W SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.
9. EXISTING DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.
10. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO REMAIN UNLESS OTHERWISE SHOWN IN THE PLANS.
11. ALL TREES LOCATED WITHIN THE LIMITS OF CONSTRUCTION ARE TO REMAIN UNLESS OTHERWISE INDICATED IN THE PLANS.
12. THE COST OF SAW-CUTTING SHALL BE INCIDENTAL TO THE WORK BEING PERFORMED.
13. ALL SIDEWALK RAMPS SHALL BE BUILT PER THE LATEST FDOT STANDARD INDEX AND COMPLY WITH AMERICANS WITH DISABILITIES ACT (ADA) AT THE TIME OF BID. ALL SIDEWALK RAMPS SHALL HAVE DETECTABLE WARNING SURFACES THAT COMPLY TO THE LATEST FDOT STANDARD INDEX.
14. ALL EXISTING SIDEWALK AND CURB TO BE REMOVED SHALL BE REMOVED TO THE NEAREST JOINT AND REPLACED AS NOTED IN THE PLANS.
15. ALL PROPOSED SIDEWALK AND CURB SHALL MATCH EXISTING ELEVATIONS UNLESS OTHERWISE NOTED. LOCATIONS WITH ELEVATION LABELS SHOWING "+/-" ARE INTENDED TO SHOW THE APPROXIMATE EXISTING ELEVATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF THERE IS A SIGNIFICANT DIFFERENCE IN PLAN VERSUS FIELD ELEVATIONS.
16. CLEARING & GRUBBING IS NEEDED ONLY AT LOCATIONS OF PROPOSED PEDESTRIAN BULB-OUTS.
17. EXISTING GRASSED AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE SODDED, NOT SEEDED OR MULCHED.
18. THE VOLTAGE OF THE OVERHEAD ELECTRIC LINES IS SHOWN IN THE ROADWAY PLANS.
19. ALL REMOVED BRICKS AND GRANITE CURB SHALL BE STOCKPILED AND DELIVERED TO A LOCATION OF THE CITY'S CHOOSING. CONTACT Henry Fain (813-622-1976) (Henry.Fain@tampagov.net) (3802 E. 26th Avenue |Tampa, FL, 33605) OR Ghoonesh Ramdial (813-622-1951) (Ghoonesh.Ramdial@tampagov.net) (3802 E. 26th Avenue |Tampa FL, 33605) FOR LOCATION.

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. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF THE EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF THE PREPARATION OF THESE PLANS BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT.
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 ADJUSTMENT RINGS. UTILITY WORK SHOWN IN THE PLANS TO BE ADJUSTED OR REMOVED "BY OTHERS" ARE THE RESPONSIBILITY OF THE UTILITY OWNER.
4. 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.
5. 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 CONTRACTORS CONSTRUCTION SCHEDULE. (REFERENCE CONTRACT DOCUMENTS.)

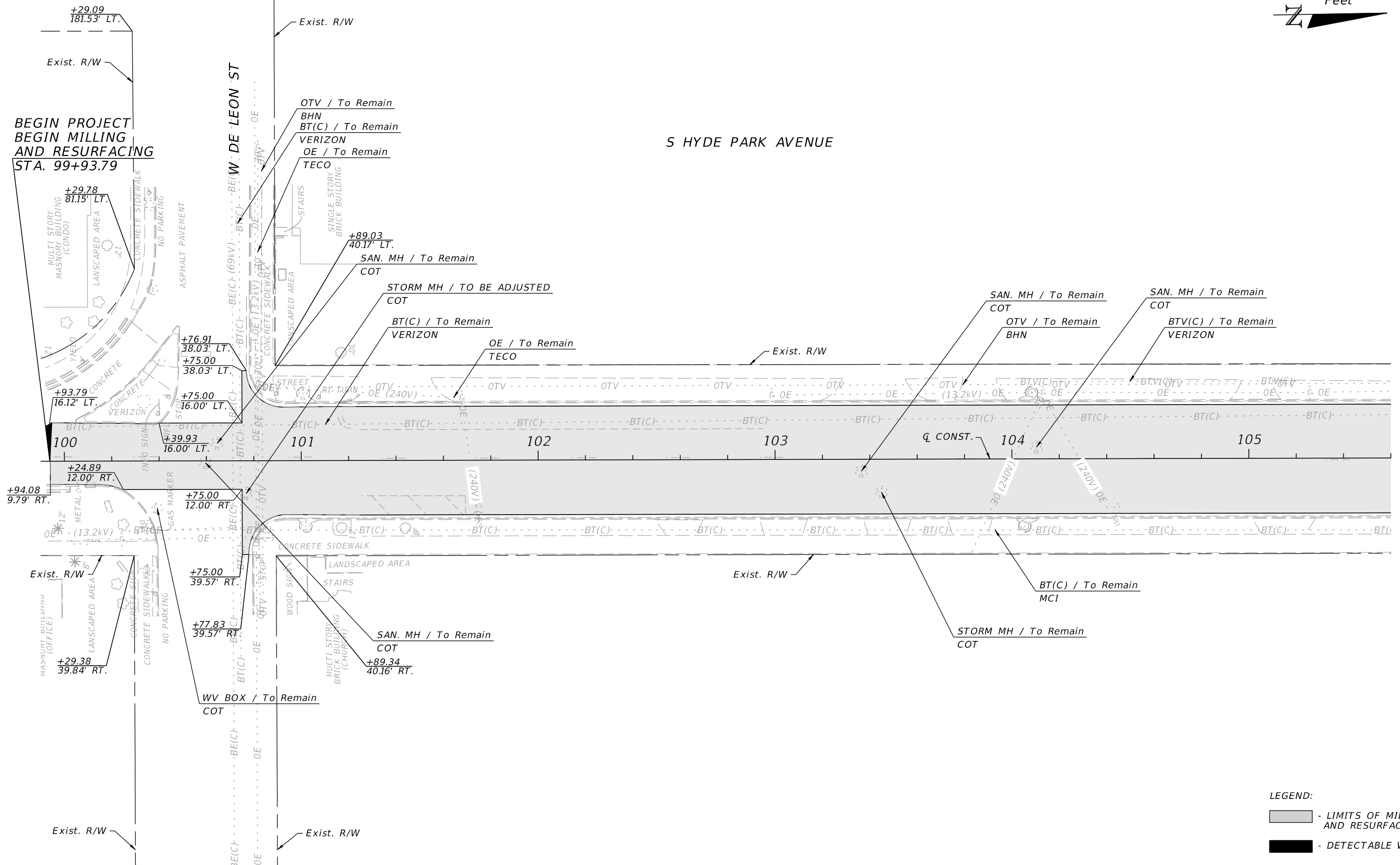
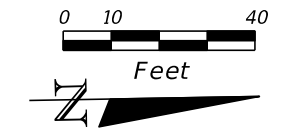
UTILITY OWNERS:

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 SEWER JACK FERRAS 813-274-8095 306 E. JACKSON ST. TAMPA, FL 33602	TAMPA ELECTRIC COMPANY (TECO) & TECO FIBER OPTIC RONNIE ALEXANDER 813-275-3037 P.O. BOX 111 TAMPA, FL 33601
CITY OF TAMPA TRANSPORTATION VIK BHIIDE 813-274-8105 1104 E. TWIGGS SUITE 200 TAMPA, FL 33602	TECO PEOPLES GAS - TAMPA LUIS CASTELLANO 813-275-3743 1400 CHANNELSIDE DR. TAMPA, FL 33605
CITY OF TAMPA WATER JANICE DAVIS 813-274-7096 306 E. JACKSON ST. MC:400-A5E TAMPA, FL 33602	TW TELECOM - TAMPA JAMES MCVEIGH 813-316-7763 3030 N ROCKY POINT DR W, STE 850 TAMPA, FL 33607
FIBERLIGHT, LLC. TIM GREEN 813-877-7183 4023 N. ARMENIA AVE. SUITE 200 TAMPA, FL 33602	VERIZON FLORIDA, INC. (VERIZON) DAVID WYNNS 813-627-8343 7701 E. TELECOM PKWY TEMPLE TERRACE, FL 33637
MCI VERIZON FLORIDA, INC 972-729-6322 1909 US HIGHWAY 301 N BLDG D TAMPA, FL 33619	XO COMMUNICATIONS (XO) JEFF SBROCCO 813-301-4047 5904-A HAMPTON OAKS PARKWAY TAMPA, FL 33610

REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					NA	HILLSBOROUGH	436013-3-58-01	9

PROJECT NOTES

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BEGIN PROJECT
BEGIN MILLING
AND RESURFACING
STA. 99+93.79

S HYDE PARK AVENUE

- LEGEND:
- LIMITS OF MILLING AND RESURFACING
 - DETECTABLE WARNING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ELEMENT ENGINEERING GROUP
1713 E. 9th AVENUE
TAMPA, FL 33605
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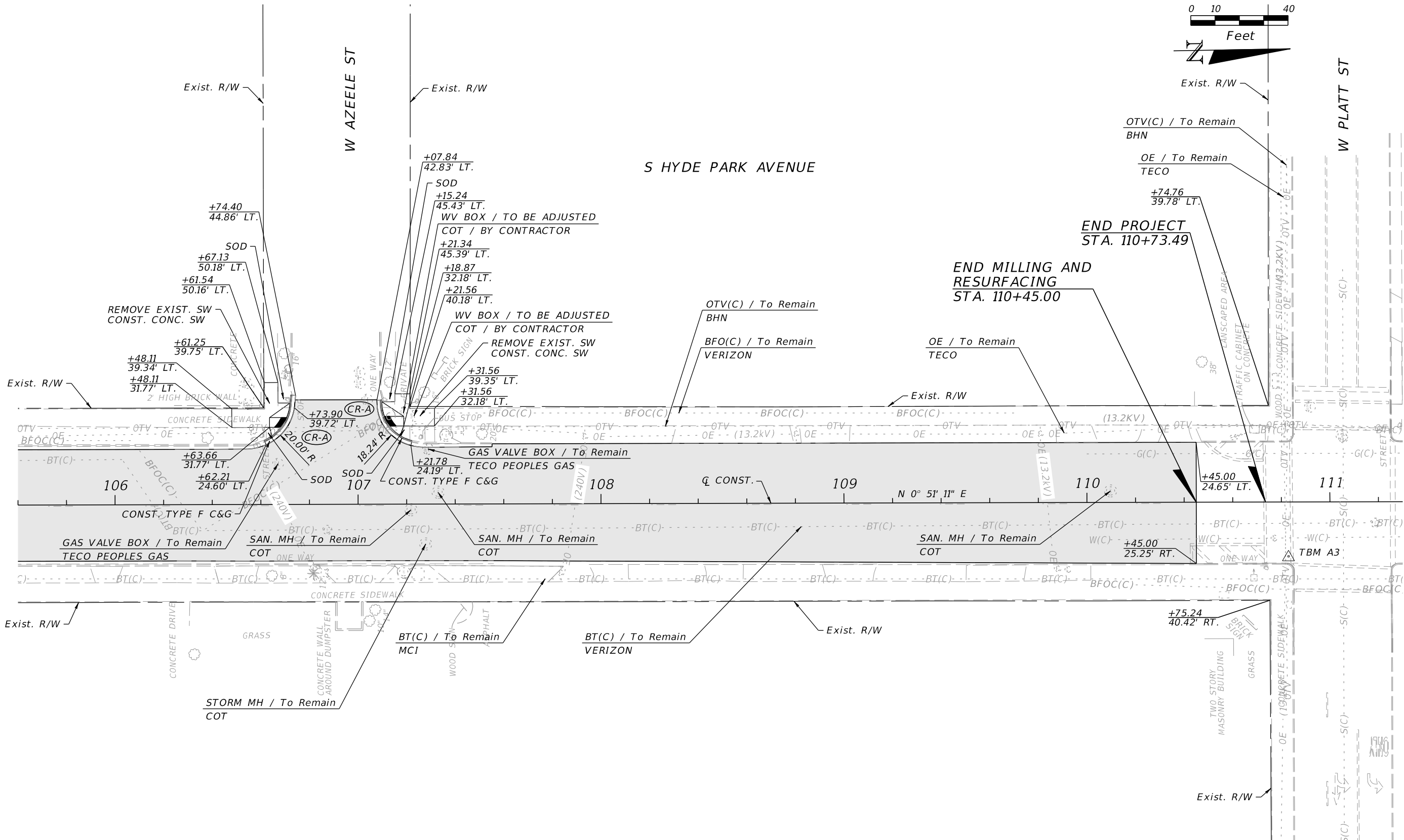
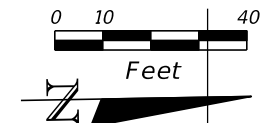
CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	436013-3-58-01

ROADWAY PLAN

SHEET
NO.

10

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LEGEND:
 [Grey Box] - LIMITS OF MILLING AND RESURFACING
 [Black Box] - DETECTABLE WARNING

TBM A3
 NAIL AND DISK LB7831
 N = 1311760.925 E = 506403.233
 ELEV. = 18.98' (NAVD 88)

REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			ROADWAY PLAN	SHEET NO. 11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-3-58-01		

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TEMPORARY TRAFFIC CONTROL PROJECT NOTES

1. THE EXISTING POSTED SPEED (35 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 (VARIABLE) 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:

SOUTHBOUND HYDE PARK AVENUE IN NORTHWEST CORNER OF GRAND CENTRAL AVENUE
 EASTBOUND PLATT STREET WEST OF MAGNOLIA AVENUE
 EASTBOUND AZEELE STREET WEST OF MAGNOLIA AVENUE
 EASTBOUND DELEON STREET EAST OF MAGNOLIA AVENUE

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

MESSAGE 1:	MESSAGE 2:	
HYDE PARK AV CONST	CONST BEGINS XXXXXXX	(DAY OF WEEK)

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

MESSAGE 1:	MESSAGE 2:
HYDE PARK AV 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 ROAD.

4. THE CONTRACTOR SHALL NOTIFY:
 - THE ENGINEER A MINIMUM OF 7 DAYS PRIOR TO A LANE CLOSURE.
 - MR. BRIAN GENTRY, PE, CITY OF TAMPA R/W COORDINATOR, AT (813)274-8009, 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, FIRE AND HOSPITAL), 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 ON HYDE PARK AVENUE WILL NOT BE ALLOWED BETWEEN 7:00 AM AND 9:00 AM OR BETWEEN 4:00 PM AND 7:00 PM.
 - 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. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION VISIBLE DURING CONSTRUCTION OPERATIONS TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
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 BEGIN CONSTRUCTION FOR SOUTHBOUND TRAFFIC ON HYDE PARK AVENUE.
10. ADVANCE SIGNAGE FOR THE PROJECT SHALL CONSTITUTE THE FOLLOWING SIGNS AT THE FOLLOWING LOCATIONS:
 - ROAD WORK AHEAD (W20-1F) SIGNS PLACED:
 - FOR SOUTHBOUND TRAFFIC ON HYDE PARK AVENUE NORTH OF BROREIN STREET
 - FOR EASTBOUND TRAFFIC ON WEST PLATT STREET WEST OF HYDE PARK AVENUE,
 - FOR EASTBOUND TRAFFIC ON AZEELE STREET WEST OF HYDE PARK AVENUE,
 - FOR EASTBOUND TRAFFIC ON DE LEON STREET WEST OF HYDE PARK AVENUE, AND
 - FOR WESTBOUND TRAFFIC ON DE LEON STREET EAST OF HYDE PARK AVENUE.
 - END ROAD WORK (G20-2) SIGNS PLACED:
 - FOR EASTBOUND TRAFFIC ON WEST PLATT STREET EAST OF HYDE PARK AVENUE,
 - FOR WESTBOUND TRAFFIC ON AZEELE STREET WEST OF HYDE PARK AVENUE,
 - FOR SOUTHBOUND TRAFFIC ON HYDE PARK AVENUE SOUTH OF DE LEON STREET,
 - FOR EASTBOUND TRAFFIC ON DE LEON STREET EAST OF HYDE PARK AVENUE, AND
 - FOR WESTBOUND TRAFFIC ON DE LEON STREET WEST OF HYDE PARK AVENUE.
11. NOTIFY UNIVERSITY OF TAMPA, ST. JOHNS EPISCOPAL SCHOOL, GORRIE ELEMENTARY SCHOOL, WOODROW WILSON MIDDLE SCHOOL, WILSON JUNIOR HIGH SCHOOL, PRIMROSE SCHOOL OF SOUTH TAMPA, RAMPOLLO K-8 MAGNET SCHOOL, TAMPA PREPARATORY SCHOOL, BLAKE HIGH SCHOOL, A MINIMUM OF 14 DAYS IN ADVANCE OF PREFORMING ANY LANE CLOSURES. DO NOT RESTRICT ANY ACCESS POINT TO THE SCHOOLS DURING ANY SCHEDULED EVENT.

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-3-58-01		

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TEMPORARY TRAFFIC CONTROL PHASING NOTES

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PHASE I

PLACE ADVANCE NOTIFICATION PCMS SIGNS SEVEN (7) DAYS IN ADVANCE. PLACE ADVANCE SIGNAGE ON SOUTHBOUND HYDE PARK AVENUE, EASTBOUND PLATT STREET, AZEELE STREET, AND ON EASTBOUND AND WESTBOUND DE LEON STREET.

UNDER LANE CLOSURES AS NECESSARY, USING INDICES 612, 613, 616 & 660. CONSTRUCT RETURNS AND NEW PEDESTRIAN FACILITIES AT THE INTERSECTION OF AZEELE STREET.

PHASE II

MILL & RESURFACE HYDE PARK AVENUE AND APPLY TEMPORARY PAVEMENT MARKINGS UTILIZING ALLOWABLE LANE CLOSURES AND STANDARD INDEXES 612, 613, 616, & 619.

PHASE III

APPLY FINAL PAVEMENT MARKINGS AFTER 14 DAY CURING PERIOD UTILIZING ALLOWABLE LANE CLOSURES AND STANDARD INDEXES 612, 613, 616, & 619.

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SIGNING & PAVEMENT MARKING PROJECT NOTES

1. EXISTING SINGLE-POST AND MULTI-POST SIGNS WITHIN THE PROJECT LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.
2. THE ADDITIONAL WIDTH OUTSIDE OF THE TRAVEL LANES TO THE CURB SHALL BE VARYING WIDTH PARKING AT LOCATIONS SHOWN IN THE PLANS.
3. ALL EXISTING PAVEMENT MARKINGS ON BRICK STREETS THAT ARE TO BE REMOVED SHALL BE WATER BLASTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF REPAIRING ANY BRICKS DAMAGED AS A RESULT OF WATER BLASTING.
4. ANY VEGETATION INTERFERING WITH THE VISIBILITY OF THE EXISTING AND/OR PROPOSED SIGNS SHALL BE TRIMMED UNTIL FULL VISIBILITY IS RESTORED.
5. ALL PROPOSED PEDESTRIAN CROSS WALK SIGNAGE AND AUXILIARIES, SHALL HAVE A RETRO-REFLECTIVE FLUORESCENT YELLOW-GREEN BACKGROUND WITH A BLACK LEGEND AND BORDER.
6. ALL BICYCLE LANE ARROWS AND PAVEMENT MESSAGES SHALL BE PREFORMED THERMOPLASTIC. ALL SPECIAL EMPHASIS CROSSWALK MARKINGS SHALL BE PREFORMED MARKING MATERIALS.

SIGNALIZATION PAY ITEM NOTES

1. 650-1-70:
RELOCATE SIGNAL HEAD TO THE CENTER OF THE PROPOSED LANE ASSIGNMENT. SEE FIGURE 1 FOR DETAILS.

PAY ITEM INCLUDES FURNISHING AND INSTALLING AN ADJUSTABLE HANGER ASSEMBLY WITH THE TRI-STUD ASSEMBLY AS DETAILED IN INDEX NO. 17727.

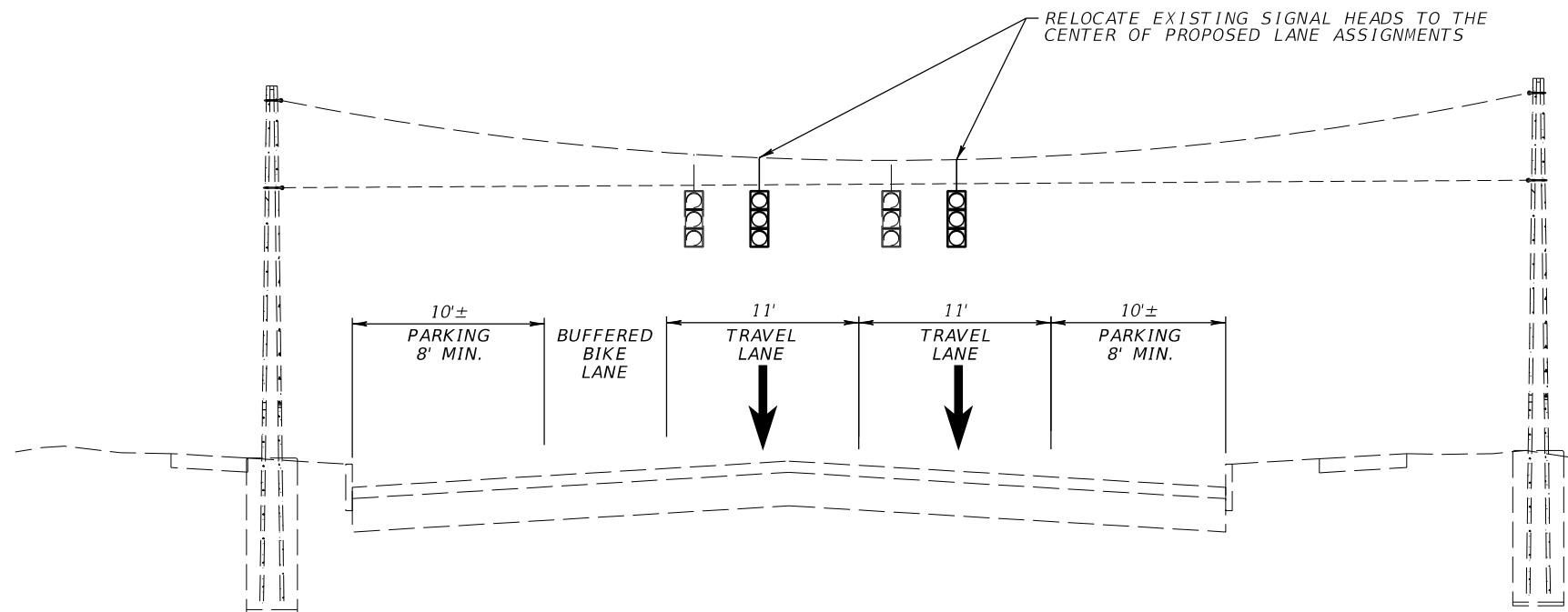
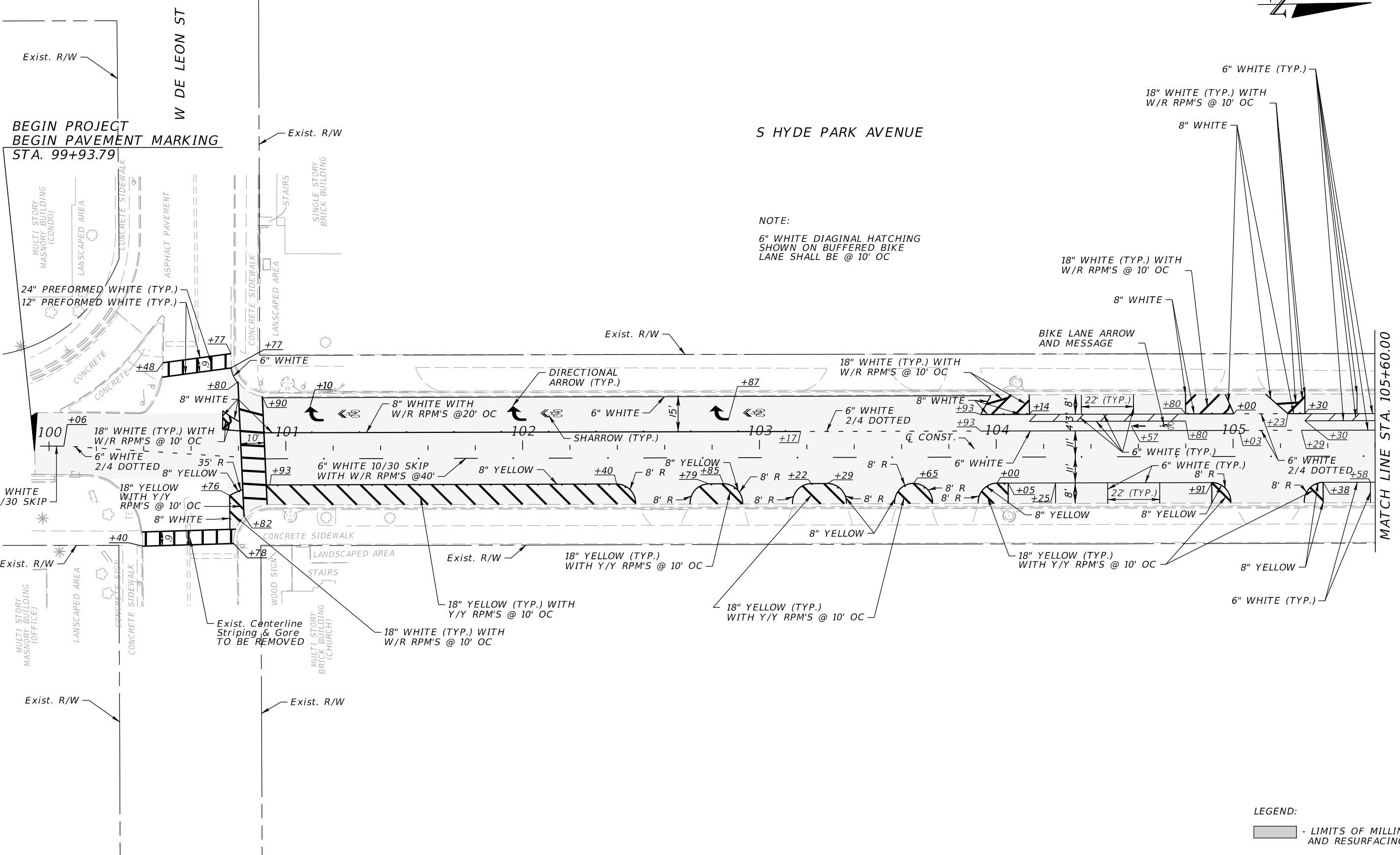
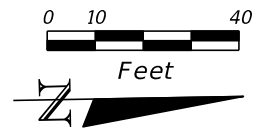


FIGURE 1: PROPOSED LOCATION OF SIGNAL HEADS

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		14
					NA	HILLSBOROUGH	436013-3-58-01		

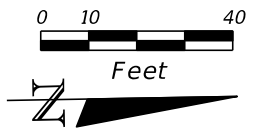


NOTE:
6" WHITE DIAGONAL HATCHING SHOWN ON BUFFERED BIKE LANE SHALL BE @ 10' OC

LEGEND:
 - LIMITS OF MILLING AND RESURFACING

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		15
					NA	HILLSBOROUGH	436013-3-58-01		

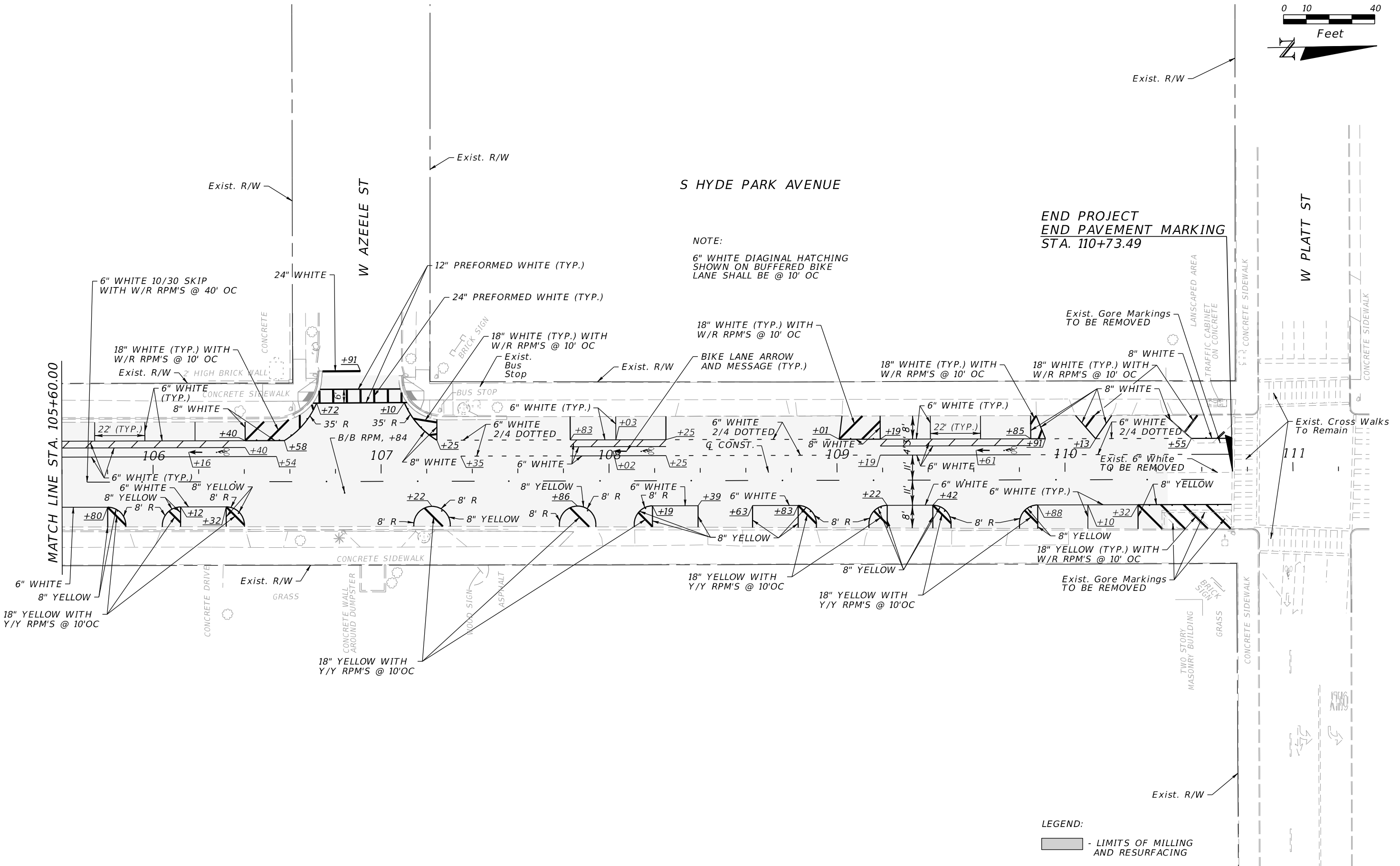
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S HYDE PARK AVENUE

**END PROJECT
END PAVEMENT MARKING
STA. 110+73.49**

NOTE:
6" WHITE DIAGONAL HATCHING
SHOWN ON BUFFERED BIKE
LANE SHALL BE @ 10' OC



LEGEND:
[Shaded Box] - LIMITS OF MILLING
AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

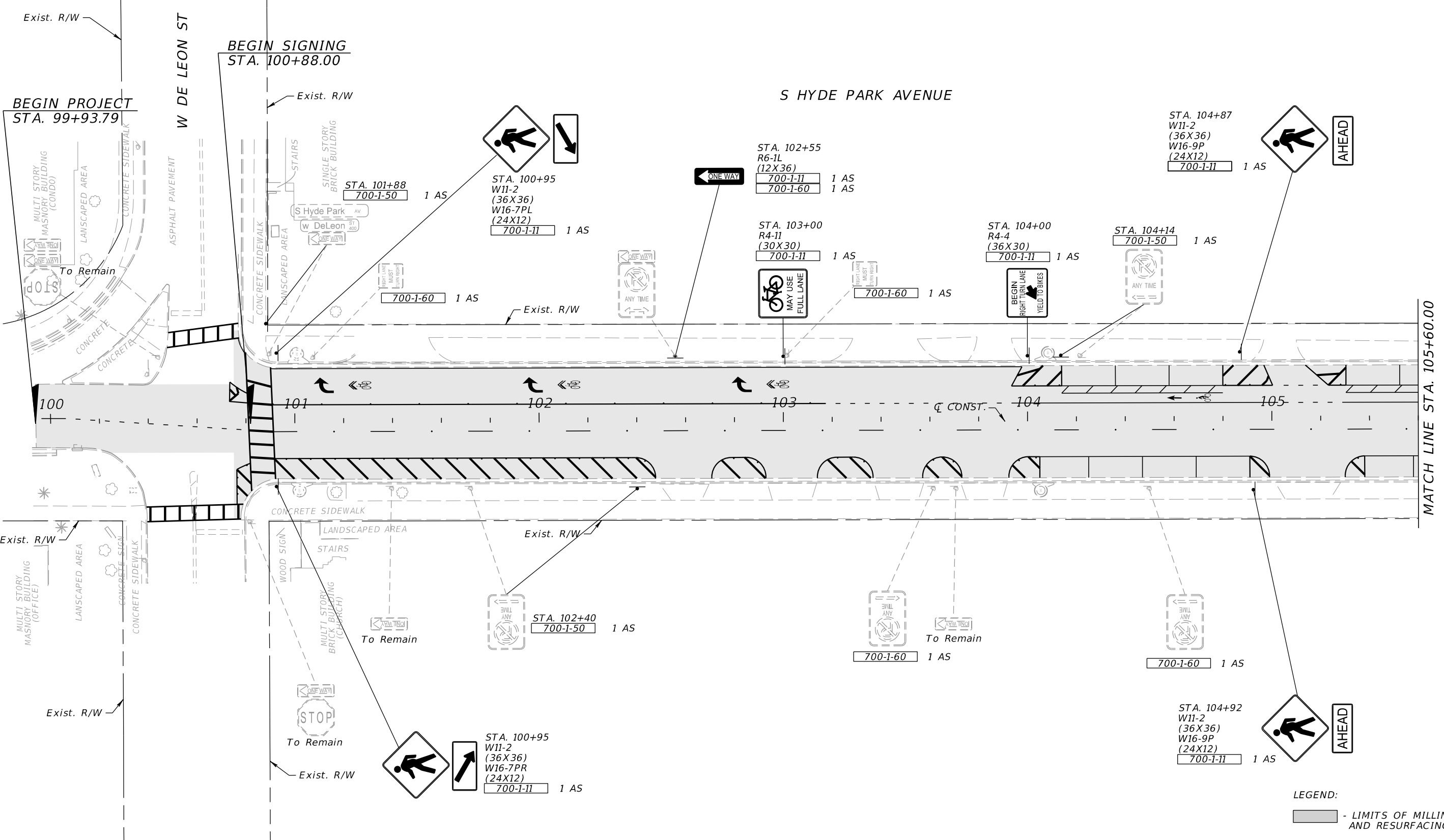
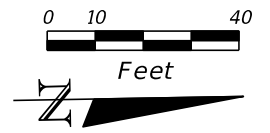
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PAVEMENT MARKING PLAN

SHEET NO.
16

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LEGEND:
 - LIMITS OF MILLING AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

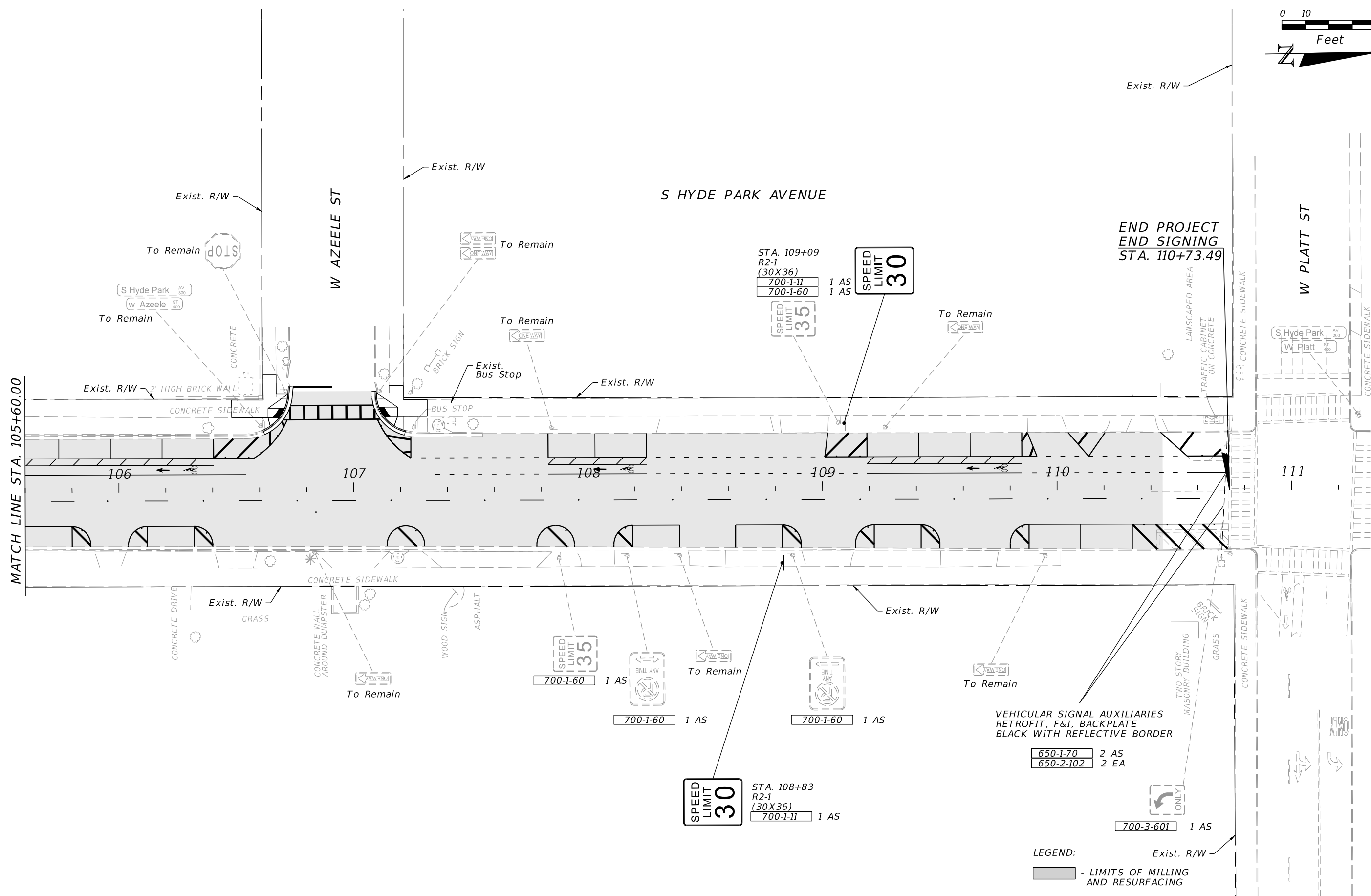
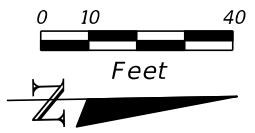
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CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
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SIGNING PLAN

SHEET NO.
17

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END PROJECT
END SIGNING
STA. 110+73.49

MATCH LINE STA. 105+60.00

LEGEND:
 - LIMITS OF MILLING AND RESURFACING

REVISIONS			
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 TAMPA, FL 33605
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CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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SIGNING PLAN

SHEET NO.
18

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