



CITY OF TAMPA

Bob Buckhorn, Mayor

CONTRACT ADMINISTRATION DEPARTMENT

Michael W. Chucran, Director

ADDENDUM NO. 1

DATE: September 8, 2016

Contract 16-C-00020; Hyde Park Avenue and Plant Avenue Safety Improvements

Bidders on the above referenced project are hereby notified that the following addendum is made to the Contract Documents. BIDS TO BE SUBMITTED SHALL CONFORM TO THIS NOTICE.

- Item 1: The Bid Date for the above referenced project is hereby changed to September 27, 2016.
- Item 2: Replace the entire set of plans with the attached set of plans; S Hyde Park Ave. dated 6/22/2016, S Hyde Park Ave. (SB – One Way Pair) dated 7/15/2016, and Plant Ave. (NB – One Way Pair) dated 7/15/2016.
- Item 3: Specifications, page I-1a, I-1.05, Change “180” to “216”
- Item 4: Attached for reference is the pre-bid meeting sign-in sheet.

All other provisions of the Contract Documents and Specifications not in conflict with this Addendum shall remain in full force and effect. Questions are to be e-mailed to ContractAdministration@tampagov.net.

Jim Greiner

Jim Greiner, P.E., Contract Management Supervisor

CITY OF TAMPA
DEPARTMENT OF TRANSPORTATION
AND STORMWATER

CONTRACT PLANS

CITY OF TAMPA PROJECT NO. 1000931
FDOT FINANCIAL PROJECT ID 436013-1-58-01
PLANT AVE. (NB - ONE WAY PAIR)
FROM W PLATT ST. TO SR 60/KENNEDY BLVD.



A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

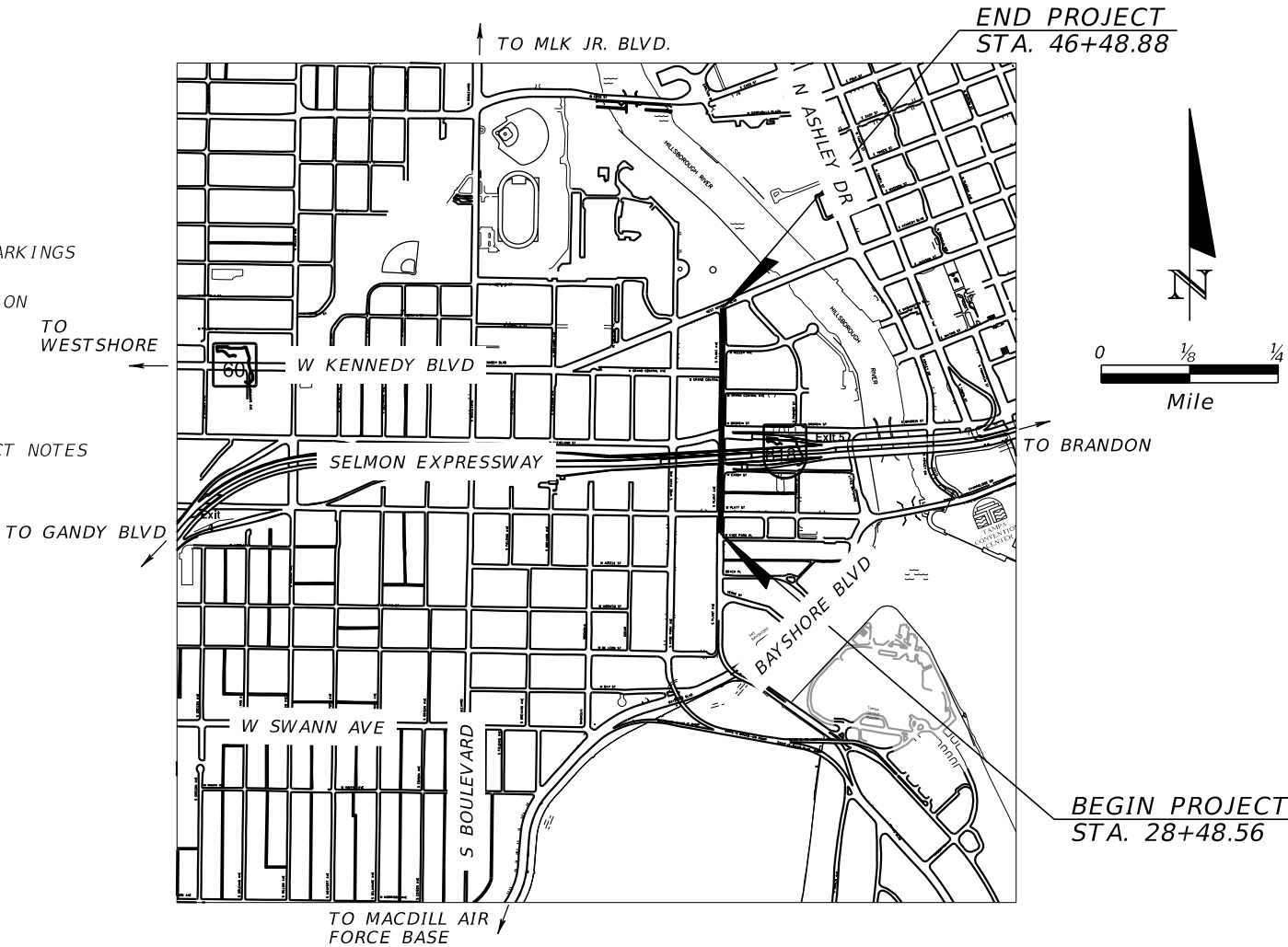
SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4	TYPICAL SECTIONS
SQ-1 - SQ-6	SUMMARY OF QUANTITIES
5	TABULATION OF QUANTITIES PAVEMENT MARKINGS
6	TABULATION OF QUANTITIES SIGNING
7	TABULATION OF QUANTITIES SIGNALIZATION
8	PROJECT LAYOUT
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10 - 12	ROADWAY PLAN
13 - 14	INTERSECTION DETAILS
15 - 16	TEMPORARY TRAFFIC CONTROL PLAN
17	SIGNING AND PAVEMENT MARKINGS PROJECT NOTES
18 - 21	PAVEMENT MARKING PLAN
22 - 24	SIGNING PLAN

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/DesignStandards>

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/StandardSpecifications>

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>



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 436013-2-58-01
AND 436013-3-58-01

PROJECT LENGTH IS BASED ON
Q CONST. FOR PLANT AVENUE

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	1800.32	0.341
BRIDGES	0.00	0.000
NET LENGTH OF PROJECT	1800.32	0.341
EXCEPTIONS	0.00	0.000
GROSS LENGTH OF PROJECT	1800.32	0.341

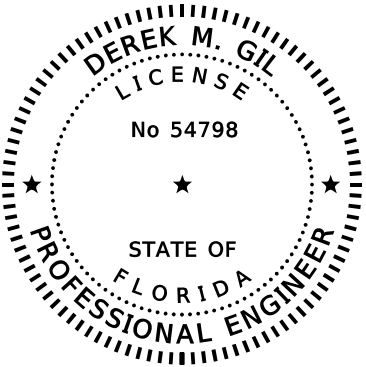
CITY PROJECT MANAGER: NINA MABILLEAU

KEY SHEET REVISIONS	
DATE	DESCRIPTION

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
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3	SUMMARY OF PAY ITEMS
4	TYPICAL SECTIONS
SQ-1 - SQ-6	SUMMARY OF QUANTITIES
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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			SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-1-58-01		2

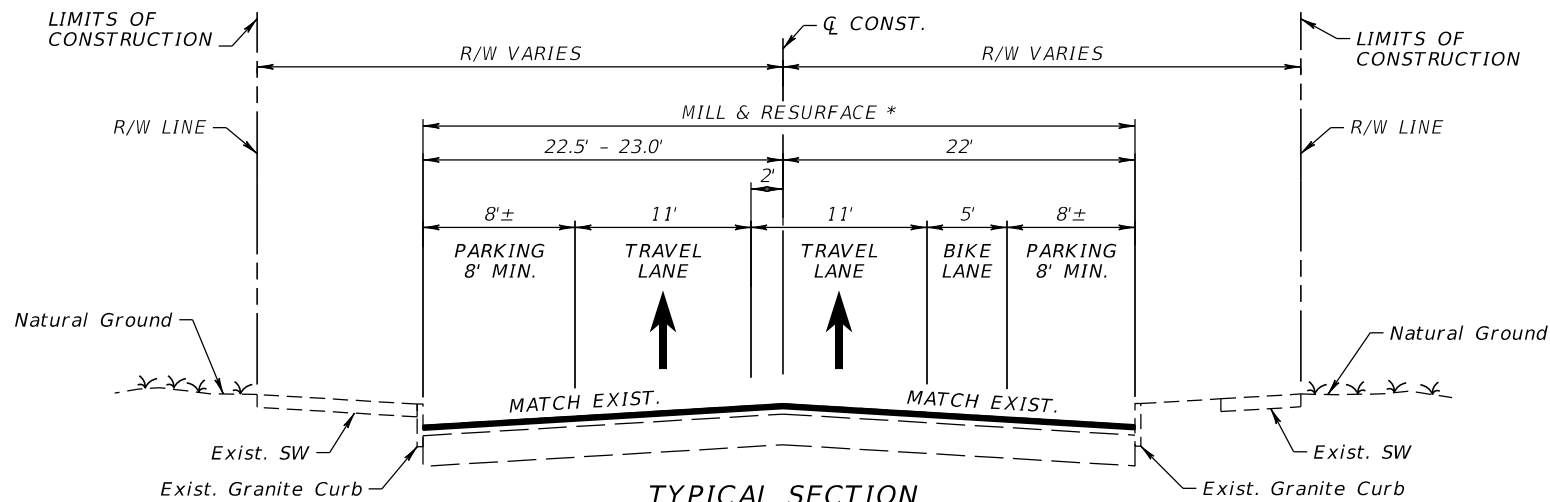
PAY ITEMS				
SUMMARY OF ROADWAY				
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	FA PART.	TOTAL
0101 1	MOBILIZATION	LS	1	1
0102 1	MAINTENANCE OF TRAFFIC (101 DA)	LS	1	1
0102 60	WORK ZONE SIGN	ED	2189	2189
0102 74 1	CHANNELIZING DEVICE (TYPES I,II,DI,VP,DRUM, VEH. LCD)	ED	5055	5055
0102 74 2	CHANNELIZING DEVICE (TYPE III - 6")	ED	720	720
0102 74 6	CHANNELIZING DEVICE - PEDESTRIAN LCD	ED	1080	1080
0102 76	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	41	41
0102 78	TEMPORARY RETROREFLECTIVE PAVEMENT MARKERS	EA	251	251
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN - TEMPORARY	ED	480	480
0104 18	INLET PROTECTION SYSTEM	EA	17	17
0110 1 1	CLEARING & GRUBBING (0.09 AC)	LS	1	1
0120 1	REGULAR EXCAVATION	CY	9.2	9.2
0120 6	EMBANKMENT	CY	91.9	91.9
0315 1	STRESS ABSORBING MEMBRANE	SY	4471	4471
0327 70 6	MILLING EXIST ASPH PAVT, 1.5" AVG DEPTH	SY	4471	4471
0334 1 22	SUPERPAVE ASPHALT CONCRETE (TRAFFIC B, PG 76-22 PMA).	TN	378.9	378.9
0337 7 40	ASPHALT CONCRETE FRICTION COURSE (TRAFFIC B, PG 76-22 PMA).	TN	245.9	245.9
0425 5 1	MANHOLE, ADJUST, UTILITY	EA	20	20
0425 6	VALVE BOX, ADJUST	EA	15	15
0520 2 4	CONCRETE CURB, TYPE D	LF	578	578
0522 1	SIDEWALK CONCRETE, 4" THICK	SY	440	440
0523 1	PATTERNED PAVEMENT, VEHICULAR AREAS	SY	41	41
0527 2	DETECTABLE WARNINGS	SF	112	112
0570 1 2	PERFORMANCE TURF (SOD)	SY	14	14
0710 11101	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 6"	GM	0.545	0.545
0710 11102	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 8"	GM	0.273	0.273
0710 11123	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 12"	LF	694	694
0710 11124	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 18"	LF	593	593
0710 11125	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 24"	LF	641	641
0710 11131	PAINTED PAVEMENT MARKINGS, STD, WHITE, SKIP 10/30, 6"	GM	0.159	0.159
0710 11141	PAINTED PAVEMENT MARKINGS, STD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXT., 6"	GM	0.252	0.252
0710 11160	PAINTED PAVEMENT MARKINGS, STD, WHITE, MESSAGE OR SYMBOL	EA	21	21
0710 11170	PAINTED PAVEMENT MARKINGS, STD, WHITE, ARROW	EA	26	26
0710 11201	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 6"	GM	0.088	0.088
0710 11202	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 8"	GM	0.091	0.091
0710 11224	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 18"	LF	291	291
0710 11421	PAINTED PAVEMENT MARKINGS, STD, BLUE, SOLID, 6"	LF	196	196

PAY ITEMS				
SUMMARY OF SIGNING AND PAVEMENT MARKINGS				
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	FA PART.	TOTAL
0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	21	21
0700 1 50	SINGLE POST SIGN, RELOCATE	AS	5	5
0700 1 60	SINGLE POST SIGN, REMOVE	AS	29	29
0700 2 60	MULTI-POST SIGN, F&I GROUND MOUNT, REMOVE	AS	4	4
0700 3 601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	3	3
0710 90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	LS	1	1
0711 11123	THERMOPLASTIC, WHITE, SOLID FOR CROSSWALKS & ROUNDABOUTS, 12"	LF	694	694
0711 11124	THERMOPLASTIC, WHITE, SOLID FOR DIAGONALS AND CHEVRONS, 18"	LF	593	593
0711 11125	THERMOPLASTIC, WHITE, SOLID FOR STOP BARS, 24"	LF	97	97
0711 11141	THERMO, STD, WHITE, 2-4 DOTTED GUIDE LINE/ 6-10 DOTTED EXT., 6"	GM	0.252	0.252
0711 11160	THERMOPLASTIC, MESSAGE OR SYMBOL	EA	9	9
0711 11170	THERMOPLASTIC, ARROWS	EA	18	18
0711 11224	THERMOPLASTIC, YELLOW, SOLID FOR DIAGONALS AND CHEVRONS, 18"	LF	291	291
0711 11421	THERMOPLASTIC, BLUE, SOLID, 6"	LF	196	196
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24"	LF	544	544
0711 14160	THERMOPLASTIC, PREFORMED, MESSAGE	EA	12	12
0711 14170	THERMOPLASTIC, PREFORMED, ARROWS (BIKE THRU ARROW)	EA	8	8
0711 16101	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SOLID, 6"	GM	0.545	0.545
0711 16102	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SOLID, 8"	GM	0.273	0.273
0711 16131	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SKIP/DOTTED, 6"	GM	0.159	0.159
0711 16201	THERMOPLASTIC, STD - OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.088	0.088
0711 16202	THERMOPLASTIC, STD - OTHER SURFACES, YELLOW, SOLID, 8"	GM	0.091	0.091
0711 17	THERMO, REMOVE EXISTING THERMO PAVEMENT MARKINGS	SF	2457	2457

PAY ITEMS				
SUMMARY OF SIGNALIZATION				
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	FA PART.	TOTAL
0650 1 70	VEHICULAR TRAFFIC SIGNAL (RELOCATE)	AS	5	5
0650 2102	VEHICULAR SIGNAL AUXILIARIES (REPAIR/REPLACE/RETROFIT - F&I) (BACKPLATE - BLACK WITH RETROREFLECTIVE BORDER)	EA	5	5

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 PAY ITEMS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-1-58-01		3

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



TYPICAL SECTION
S. PLANT AVE.
STA. 29+79.49 TO STA. 36+63.72 (EXIST. BRICK)
STA. 36+63.72 TO STA. 36+99.05 (MILL & RESURFACE)
STA. 37+80.94 TO STA. 43+18.00 (MILL & RESURFACE)

MILLING

MILL EXISTING ASPHALT PAVEMENT (1.5" AVG. DEPTH) *

INTERLAYER

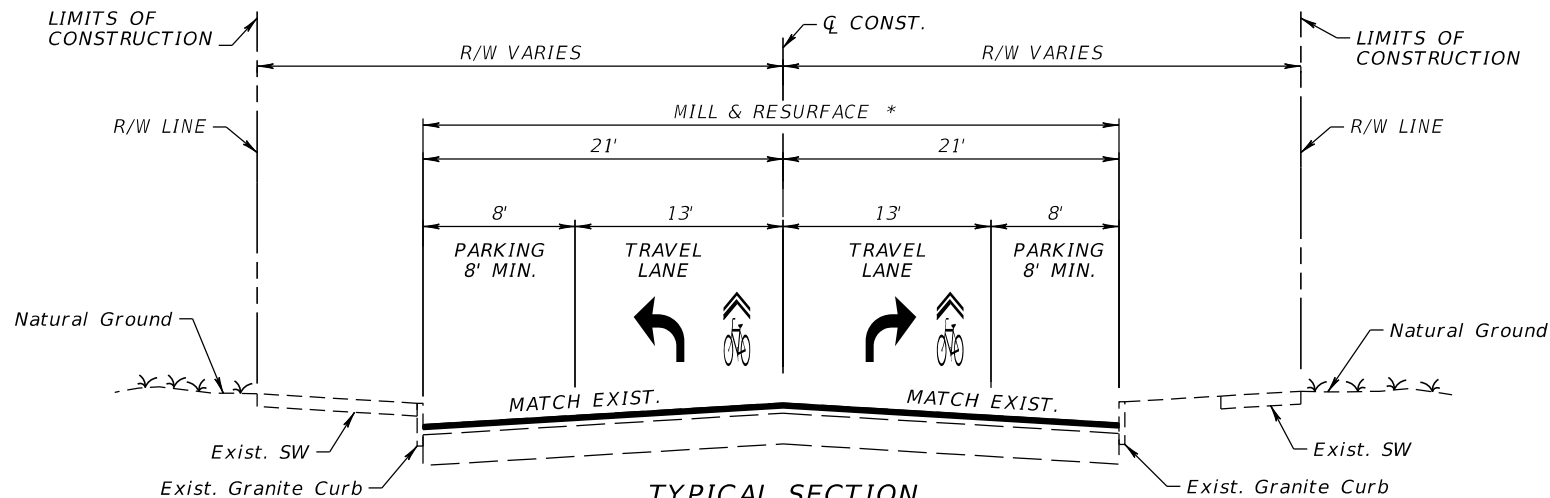
½"X½" OPEN GRID REINFORCEMENT FABRIC WITH TACK COAT

RESURFACING

TYPE SP STRUCTURAL COURSE (TYBE B) (1.5") (PG-76-22) (PMA)
AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1") (PG-76-22) (PMA)

TRAFFIC DATA

CURRENT YEAR = 2014 AADT = 5600
K = 9.0% D = 58.2% T = 7.2% (24 HOUR)
DESIGN SPEED = 30 MPH
POSTED SPEED = 30 MPH



TYPICAL SECTION
S. PLANT AVE.
STA. 43+18.00 TO STA. 46+36.09 (MILL & RESURFACE)

MILLING

MILL EXISTING ASPHALT PAVEMENT (1.5" AVG. DEPTH) *

INTERLAYER

½"X½" OPEN GRID REINFORCEMENT FABRIC WITH TACK COAT

RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1.5") (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			TYPICAL SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-1-58-01		4

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				
			DAYS	P	P	DAYS	P	P	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS							1		101 TOTAL CONTRACT DAYS	
0102 60	WORK ZONE SIGN	ED	14	22	308	60	21	1260	1568			
0102 74 1	CHANNELIZING DEVICE (TYPES I,II,DI,VP,DRUM, VEH. LCD)	ED	14	35	630	60	58	3480	4110			
	ADVANCED PCMS	ED	7	20								
0102 74 2	CHANNELIZING DEVICE (TYPE III - 6'')	ED				60	12	720	720			
0102 74 6	CHANNELIZING DEVICE - PEDESTRIAN LCD	ED				60	18	1080	1080			
0102 76	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	14	1	14				14			
0102 78	TEMPORARY RETROREFLECTIVE PAVEMENT MARKERS	EA										
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN - TEMPORARY	ED	14	5	105	60	4	240	345			
	ADVANCED PCMS	ED	7	5								
0710 11101	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 6"	GM										
0710 11102	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 8"	GM										
0710 11123	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 12"	LF										
0710 11124	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 18"	LF										
0710 11125	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 24"	LF										
0710 11131	PAINTED PAVEMENT MARKINGS, STD, WHITE, SKIP 10/30, 6"	GM										
0710 11141	PAINTED PAVT. MARKINGS, STD., WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXT., 6"	GM										
0710 11160	PAINTED PAVEMENT MARKINGS, STD, WHITE, MESSAGE OR SYMBOL	EA										
0710 11170	PAINTED PAVEMENT MARKINGS, STD, WHITE, ARROW	EA										
0710 11201	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 6"	GM										
0710 11202	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 8"	GM										
0710 11224	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 18"	LF										
0710 11421	PAINTED PAVEMENT MARKINGS, STD, BLUE, SOLID, 6"	LF										

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.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-1-58-01		SQ-1

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						
			DAYS	P	P	DAYS	P	P	P	F	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS									1		101 TOTAL CONTRACT DAYS	
0102 60	WORK ZONE SIGN	ED	25	23	575	2	23	46	621		2189			
0102 74 1	CHANNELIZING DEVICE (TYPES I,II,DI,VP,DRUM, VEH. LCD)	ED	25	35	875	2	35	70	945		5055			
	ADVANCED PCMS													
0102 74 2	CHANNELIZING DEVICE (TYPE III - 6'')	ED									720			
0102 74 6	CHANNELIZING DEVICE - PEDESTRIAN LCD	ED									1080			
0102 76	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	25	1	25	2	1	2	27		41			
0102 78	TEMPORARY RETROREFLECTIVE PAVEMENT MARKERS	EA			251				251		251			
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN - TEMPORARY	ED	25	5	125	2	5	10	135		480			
	ADVANCED PCMS													
0710 11101	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 6"	GM			0.545				0.545		0.545			
0710 11102	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 8"	GM			0.273				0.273		0.273			
0710 11123	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 12"	LF			694				694		694			
0710 11124	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 18"	LF			593				593		593			
0710 11125	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 24"	LF			641				641		641			
0710 11131	PAINTED PAVEMENT MARKINGS, STD, WHITE, SKIP 10/30, 6"	GM			0.159				0.159		0.159			
0710 11141	PAINTED PAVT. MARKINGS, STD., WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXT., 6"	GM			0.252				0.252		0.252			
0710 11160	PAINTED PAVEMENT MARKINGS, STD, WHITE, MESSAGE OR SYMBOL	EA			21				21		21			
0710 11170	PAINTED PAVEMENT MARKINGS, STD, WHITE, ARROW	EA			26				26		26			
0710 11201	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 6"	GM			0.088				0.088		0.088			
0710 11202	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 8"	GM			0.091				0.091		0.091			
0710 11224	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 18"	LF			291				291		291			
0710 11421	PAINTED PAVEMENT MARKINGS, STD, BLUE, SOLID, 6"	LF			196				196		196			

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.						P	F	P		
0110 1 1	CLEARING & GRUBBING	31+16.00 TO 31+44.17	RT.	26368	LS	0.017	1.0		1		0.09 AC	
		37+61.40 TO 37+90.40	LT.	23332		0.005						
		41+20.53 TO 41+45.41	LT.	19528		0.011						
		41+77.40 TO 42+16.84	LT.	19562		0.016						
		42+95.60 TO 43+40.12	RT.	19681		0.023						
		43+05.90 TO 43+28.42	LT.	19639		0.006						
		45+84.66 TO 46+48.88	RT.	26282		0.015						

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.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-1-58-01		SQ-2

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

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES					
LOCATION	SIDE	AREA ID	INLET PROTECTION SYSTEM		CONSTRUCTION REMARKS
STA. TO STA.			0104 18		
			EA		
			P	F	
31+25	LT.		1		
33+79	RT.		1		
34+20	LT.		1		
34+43	LT.		1		
36+58	LT.		1		
36+85	RT.		1		
37+57	LT.		1		
41+18	LT.		1		
41+33	LT.		1		
41+91	LT.		1		
43+30	RT.		1		
44+56	RT.		1		
44+71	LT.		1		
45+89	LT.		1		
46+17	LT.		1		
46+24	LT.		1		
46+29	RT.		1		
SUB - TOTAL :			17		
TOTAL :			17		

SUMMARY OF EARTHWORK					
PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0120-1	REGULAR EXCAVATION	9.2		HAND CALCULATION	
0120-6	EMBANKMENT	91.9		HAND CALCULATION	

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	
0315 1	STRESS ABSORBING MEMBRANE		SEE MILLING			SY	4470.8		4471		
0327 70 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	36+00.39 TO 37+09.72		LT./RT.	20456	SY	333.3		4471		
		37+80.90 TO 46+46.80		LT./RT.	26544		4137.5				
0334 1 22	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC B, PG 76-22, PMA)	36+00.39 TO 37+09.72		LT./RT.	21516	TN	27.50		378.9		
		37+80.90 TO 43+18.00		LT./RT.	25292		208.10				
		43+18.00 TO 46+46.80		LT./RT.	26614		133.25				
0337 7 40	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC B, FC-9.5, PG 76-22, PMA)	36+00.39 TO 37+09.72		LT./RT.	21228	TN	18.33		245.9		
		37+80.90 TO 46+46.80		LT./RT.	26683		227.56				
0523 1	PATTERNED PAVEMENT , VEHICULAR AREAS	46+08.52 TO 46+16.52		LT./RT.	26450	SY	41.1		41		

PAY ITEM 334-1-22 INCLUDES 10 TONS FOR OVERBUILD OF EXPOSED BRICKS DUE TO MILLING.
PAY ITEM 337-7-40 INCLUDES PAVEMENT REGRADING TO FACILITATE FLOW PATTERNS.

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.
DATE	DESCRIPTION		DATE		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-1-58-01		
									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 UTILITY ADJUSTMENTS									
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY		TOTAL		CONSTRUCTION REMARKS
		STATION			P	F	P	F	
0425 5 1	Manhole, Adjust, Utility	38+22.00	LT.	EA	1		20		
		39+71.00	LT.		1				
		40+13.00	RT.		1				
		40+19.00	RT.		1				
		40+19.00	LT.		1				
		40+25.00	RT.		1				
		41+40.00	LT.		1				
		41+51.00	LT.		1				
		41+76.00	RT.		1				
		41+77.00	LT.		1				
		42+05.00	RT.		1				
		43+18.00	RT.		1				
		43+22.00	RT.		1				
		43+29.00	RT.		1				
		43+29.00	RT.		1				
		44+65.00	LT.		1				
		44+79.00	RT.		1				
		44+82.00	LT.		1				
		44+92.00	LT.		1				
		44+98.00	LT.		1				
0425 6	Valve Box, Adjust	31+26.00	RT.	EA	1		15		
		31+35.00	RT.		1				
		31+37.00	RT.		1				
		37+85.00	RT.		1				
		41+19.00	LT.		1				
		41+26.00	LT.		1				
		41+27.00	LT.		1				
		41+28.00	LT.		1				
		41+63.00	LT.		1				
		42+96.00	LT.		1				
		43+38.00	RT.		1				
		44+76.00	LT.		1				
		45+32.00	RT.		1				
		46+24.00	RT.		1				
		46+26.00	RT.		1				

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.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		SQ-4
					NA	HILLSBOROUGH	436013-1-58-01		

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

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
0520 2 4	CONCRETE CURB, TYPE D	31+16.00 TO 31+16.00	RT.	LF	18.8			18.8		578		
		31+16.00 TO 31+17.52	RT.		8.8			8.8				
		31+16.00 TO 31+19.00	RT.		4.7			4.7				
		31+17.52 TO 31+20.48	RT.		4.2			4.2				
		31+19.00 TO 31+27.55	RT.		8.6			8.6				
		31+20.48 TO 31+25.82	RT.		5.3			5.3				
		31+27.55 TO 31+29.11	RT.		1.6			1.6				
		31+29.11 TO 31+42.73	RT.		15.9			15.9				
		31+42.73 TO 31+44.17	RT.		3.1			3.1				
		31+44.17 TO 31+44.17	RT.		1.6			1.6				
		37+61.40 TO 37+90.40	LT.		39.3			39.3				
		41+20.53 TO 41+45.41	LT.		68.7			68.7				
		41+77.40 TO 41+77.41	LT.		15.7			15.7				
		41+77.40 TO 41+80.40	LT.		4.7			4.7				
		41+77.41 TO 41+80.41	LT.		4.7			4.7				
		41+80.40 TO 41+91.31	LT.		10.9			10.9				
		41+80.41 TO 41+93.07	LT.		12.7			12.7				
		41+93.07 TO 42+08.38	LT.		17.4			17.4				
		42+08.38 TO 42+16.84	LT.		13.1			13.1				
		42+39.38 TO 42+42.12	LT.		12.4			12.4				
		42+81.03 TO 42+84.08	LT.		12.0			12.0				
		42+95.62 TO 42+99.97	RT.		4.4			4.4				
		42+99.90 TO 42+99.90	RT.		0.2			0.2				
		42+99.90 TO 43+02.90	RT.		4.7			4.7				
		42+99.90 TO 43+02.90	RT.		4.7			4.7				
		42+99.97 TO 43+02.90	RT.		2.9			2.9				
		43+02.90 TO 43+22.30	RT.		19.4			19.4				
		43+05.90 TO 43+16.79	LT.		15.1			15.1				
		43+11.96 TO 43+12.77	LT.		2.2			2.2				
		43+11.96 TO 43+24.18	LT.		14.3			14.3				
		43+12.77 TO 43+16.79	LT.		4.0			4.0				
		43+22.30 TO 43+23.91	RT.		1.7			1.7				
		43+23.91 TO 43+31.20	RT.		9.6			9.6				
		43+24.18 TO 43+25.09	LT.		0.9			0.9				
		43+25.09 TO 43+26.58	LT.		1.9			1.9				
		43+26.58 TO 43+28.37	LT.		6.6			6.6				
		43+30.08 TO 43+39.72	LT.		9.7			9.7				
		43+30.55 TO 43+30.55	RT.		11.7			11.7				
		43+31.20 TO 43+36.69	RT.		9.9			9.9				
		43+32.55 TO 43+36.14	RT.		5.3			5.3				
		43+36.14 TO 43+37.71	RT.		1.6			1.6				
		43+36.69 TO 43+40.12	RT.		15.6			15.6				
		43+37.71 TO 43+40.12	RT.		4.1			4.1				
		45+84.65 TO 46+01.52	RT.		16.9			16.9				
		45+91.63 TO 46+08.52	LT.		30.3			30.3				
		46+01.52 TO 46+01.52	RT.		3.7			3.7				
		46+01.52 TO 46+03.52	RT.		3.1			3.1				
		46+03.52 TO 46+24.34	RT.		20.8			20.8				
		46+16.52 TO 46+23.02	LT.		37.3			37.3				
		46+24.34 TO 46+24.91	RT.		0.6			0.6				

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.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		SQ-5
					NA	HILLSBOROUGH	436013-1-58-01		

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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 2 4	CONCRETE CURB, TYPE D (CONT'D)	46+24.91 TO 46+26.86	RT.	LF	3.1				3.1			
		46+26.86 TO 46+26.86	RT.		3.7				3.7			
		46+31.46 TO 46+37.65	RT.		6.2				6.2			
		46+37.65 TO 46+47.07	RT.		12.3				12.3			
		46+47.07 TO 46+48.88	RT.		5.4				5.4			

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS							
LOCATION	SIDE	AREA ID	CONC SIDEWALK 4"		DETECTABLE WARNINGS		CONSTRUCTION REMARKS
			0522 1		0527 2		
SY			SF				
STA. TO STA.			P	F	P	F	
31+16.67 TO 31+43.50	RT.	26348	75.6				
37+62.15 TO 37+89.65	LT.	23407	21.5				
41+20.53 TO 41+44.74	LT.	18953	47.0				
41+78.07 TO 42+16.32	LT.	18969	69.3				
42+40.90 TO 42+49.54	LT.	23399	9.9				
42+72.83 TO 42+82.82	LT.	23392	7.4				
42+95.60 TO 43+30.55	RT.	19011	42.8				
43+00.57 TO 43+39.45	RT.	19019	53.2				
43+02.90 TO 43+32.55	RT.	19068	8.8				CHANNEL
43+06.63 TO 43+28.42	LT.	18993	16.0				
43+16.79 TO 43+28.42	LT.	19003	5.2				CHANNEL
43+16.79 TO 43+28.42	LT.	19747	2.6				
43+29.42 TO 43+39.75	LT.	18999	8.4				
45+84.66 TO 46+48.26	RT.	26040	66.7				INCLUDES CHANNEL
46+17.19 TO 46+22.40	LT.	19052	5.4				
31+16.79 TO 31+18.79	RT.	18766			8.0		
31+30.20 TO 31+34.20	RT.	11951			8.0		
37+73.90 TO 37+77.90	LT.	21563			8.0		
41+26.12 TO 41+30.12	LT.	11961			8.0		
41+42.74 TO 41+44.74	LT.	11966			8.0		
41+78.07 TO 41+80.07	LT.	17980			8.0		
42+07.33 TO 42+09.33	LT.	17985			8.0		
42+38.66 TO 42+40.66	LT.	18161			8.0		
42+82.49 TO 42+84.49	LT.	18040			8.0		
43+10.79 TO 43+12.79	LT.	17990			8.0		
43+21.53 TO 43+25.53	LT.	17995			8.0		
43+21.53 TO 43+25.53	RT.	18482			8.0		
43+33.89 TO 43+36.09	RT.	12006			8.0		
46+10.52 TO 46+14.52	RT.	20755			8.0		
SUB-TOTAL:			439.8		112.0		
TOTAL:			440		112		

PAY ITEM NOTE
0522 1 INCLUDES ALL WORK FOR REGRADING / RESETTNG OF BRICK
INCLUDES ALL WORK AND MATERIALS FOR OPEN CHANNELS AND GRATING

SUMMARY OF PERFORMANCE TURF					
LOCATION	SIDE	AREA ID	PERFORMANCE TURF (SOD)		CONSTRUCTION REMARKS
			0570	1 2	
STA. TO STA.			SY		
			P	F	
43+12.50 TO 43+21.03	LT.	19465	3.9		
45+92.30 TO 46+07.85	LT.	19454	10.2		
SUB-TOTAL :			14.1		
TOTAL :			14		

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.
DATE	DESCRIPTION		DATE		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-1-58-01		SQ-6

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			18		19		20		21											
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
0710 90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	LS																		
*	REFLECTIVE PAVEMENT MARKERS	EA	14		93		75		69								251			
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 12"	LF			157		210		327								694			
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 18"	LF			151		207		235								593			
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 24"	LF					55		42								97			
*	PAINTED PAVEMENT MARKINGS, STD., WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXT., 6"	GM	0.010		0.077		0.124		0.041								0.252			
*	PAINTED PAVEMENT MARKINGS, STD., MESSAGE OR SYMBOL	EA			3		4		14								21			
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, ARROW	EA			9		3		6								18			
*	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	46		88		98		59								291			
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 6"	GM	0.025		0.168		0.202		0.150								0.545			
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 8"	GM			0.077		0.080		0.116								0.273			
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SKIP 10/30, 6"	GM			0.046		0.061		0.052								0.159			
*	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 6"	GM			0.064		0.014		0.010								0.088			
*	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 8"	GM	0.013		0.031		0.031		0.016								0.091			
*	PAINTED PAVEMENT MARKINGS, STD., BLUE, SOLID, 6"	LF							196								196			
0711 11123	THERMOPLASTIC, WHITE, SOLID FOR CROSSWALKS & ROUNDABOUTS, 12"	LF			157		210		327								694		694	
0711 11124	THERMOPLASTIC, WHITE, SOLID FOR DIAGONALS AND CHEVRONS, 18"	LF			151		207		235								593		593	
0711 11125	THERMOPLASTIC, WHITE, SOLID FOR STOP BARS, 24"	LF					55		42								97		97	
0711 11141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDE LINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.010		0.077		0.124		0.041								0.252		0.252	
0711 11160	THERMOPLASTIC, MESSAGE OR SYMBOL	EA															9		9	
	THERMOPLASTIC, MESSAGE OR SYMBOL, ONLY	EA							4											
	THERMOPLASTIC, MESSAGE OR SYMBOL, HANDICAP SYMBOL - 5'	EA							5											
0711 11170	THERMOPLASTIC, ARROWS	EA															18		18	
	THERMOPLASTIC, ARROWS, THRU	EA			3		1													
	THERMOPLASTIC, ARROWS, RIGHT	EA			4				3											
	THERMOPLASTIC, ARROWS, LEFT	EA			1		1		3											
	THERMOPLASTIC, ARROWS, LEFT THRU	EA			1		1													
0711 11224	THERMOPLASTIC, YELLOW, SOLID FOR DIAGONALS AND CHEVRONS, 18"	LF	46		88		98		59								291		291	
0711 11421	THERMOPLASTIC, BLUE, SOLID, 6"	LF							196								196		196	
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24"	LF			128		192		224								544		544	
0711 14160	THERMOPLASTIC, PREFORMED, MESSAGE	EA															12		12	
	THERMOPLASTIC, PREFORMED, MESSAGE, BIKE SYMBOL	EA			3		4		1											
	THERMOPLASTIC, PREFORMED, MESSAGE, SHARROW	EA							4											
0711 14170	THERMOPLASTIC, PREFORMED, ARROWS (BIKE THRU ARROW)	EA			3		4		1								8		8	
0711 16101	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SOLID, 6"	GM	0.025		0.168		0.202		0.150								0.545		0.545	
0711 16102	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SOLID, 8"	GM			0.077		0.080		0.116								0.273		0.273	
0711 16131	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SKIP/DOTTED, 6"	GM			0.046		0.061		0.052								0.159		0.159	
0711 16201	THERMOPLASTIC, STD - OTHER SURFACES, YELLOW, SOLID, 6"	GM			0.064		0.014		0.010								0.088		0.088	
0711 16202	THERMOPLASTIC, STD - OTHER SURFACES, YELLOW, SOLID, 8"	GM	0.013		0.031		0.031		0.016								0.091		0.091	
0711 17	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	SF	136		1380		787		154								2457		2457	

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.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		5
					NA	HILLSBOROUGH	436013-1-58-01		

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TABULATION OF QUANTITIES

[illegible]

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			<i>TABULATION OF QUANTITIES</i> <i>SIGNING</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		6
					NA	HILLSBOROUGH	436013-1-58-01		

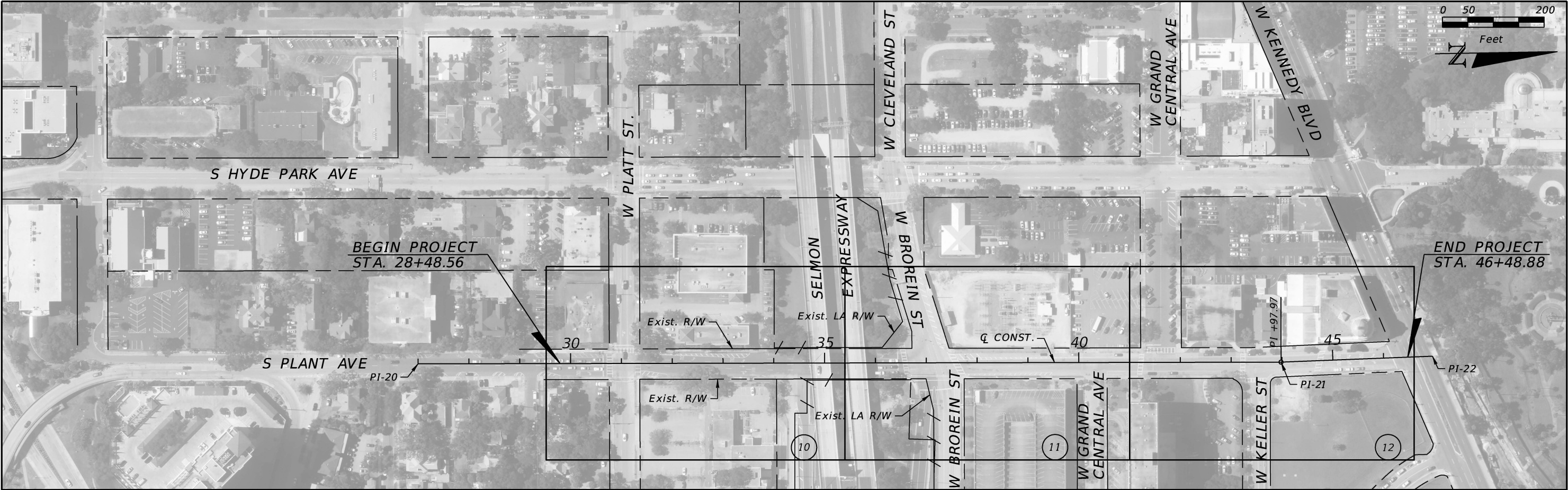
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TABULATION OF QUANTITIES

[illegible]

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 SIGNALIZATION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		7
					NA	HILLSBOROUGH	436013-1-58-01		

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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									
	PLANT																		
	Q CONST.																		
20					27+00.00	1,311,372.8322	506,740.4059										N 0° 52' 45" E		
21					43+97.97	1,313,070.6003	506,766.4596									N 0° 52' 45" E	N 1° 14' 08" W		
22					46+96.21	1,313,368.7719	506,760.0292									N 1° 14' 08" W			

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

436013-1-58-01

PROJECT LAYOUT

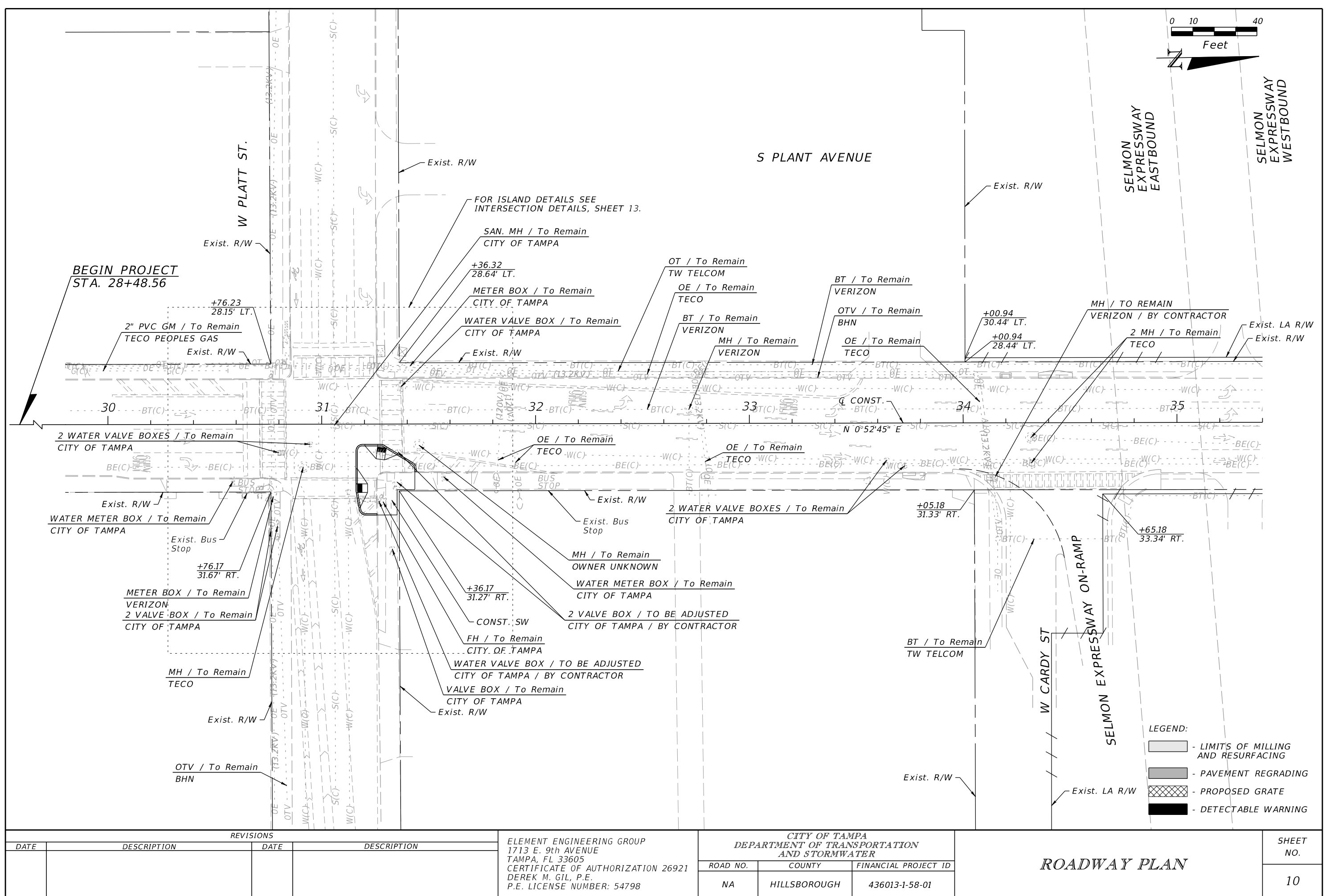
SHEET NO.
8

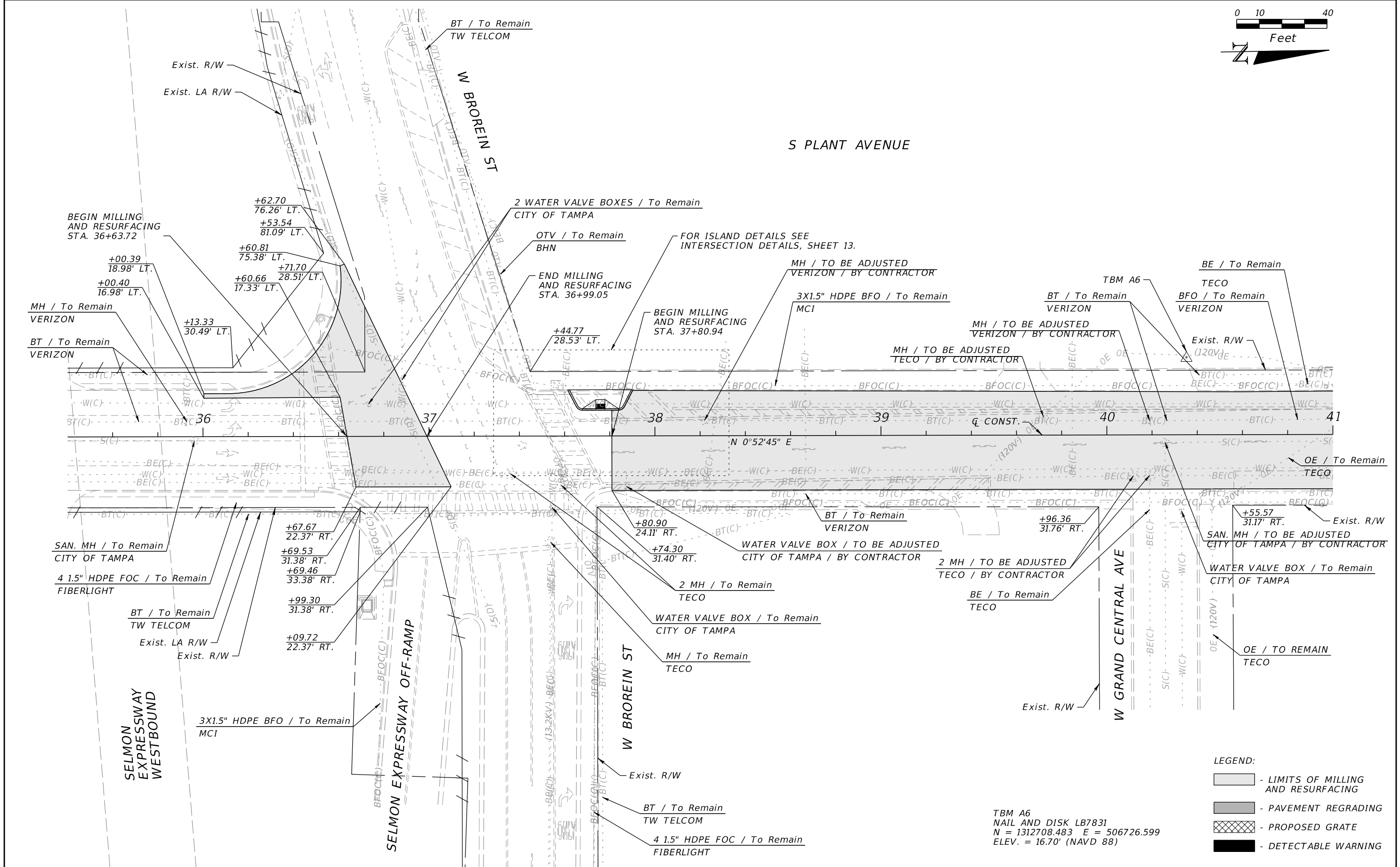
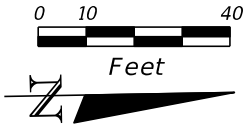
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PROJECT NOTES				19. ALL REMOVED BRICKS AND GRANITE CURB SHALL BE STOCKPILED AND DELIVERED TO A LOCATION OF THE CITY'S CHOOSING. CONTACT Henry Fain (813-622-1976) (Henry.Fain@tampagov.net) (3802 E. 26th Avenue Tampa, FL, 33605) OR Ghoonesh Ramdial (813-622-1951) (Ghoonesh.Ramdial@tampagov.net) (3802 E. 26th Avenue Tampa FL, 33605) FOR LOCATION.		
1. THE PURPOSE OF THIS PROJECT IS TO CONSTRUCT PEDESTRIAN AND BICYCLE IMPROVEMENTS ALONG PLANT AVE. BETWEEN PLATT ST. AND KENNEDY BLVD. THE IMPROVEMENTS WILL INCLUDE PEDESTRIAN RAMP BULB OUTS, BIKE LANES, AND HIGH EMPHASIS PAVEMENT MARKINGS. RETROREFLECTIVE BACKPLATES SHALL BE INSTALLED AT ALL SIGNALIZED INTERSECTIONS. SKIP MARKINGS AND AN OVERHEAD LANE USE SIGN SHALL BE CONSTRUCTED FOR THE OFF-RAMP FROM THE SELMON EXPRESSWAY ONTO CLEVELAND ST./ BROREIN ST. 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.				UTILITY ADJUSTMENT NOTES		
2. CITY OF TAMPA STANDARD DRAWINGS ARE AVAILABLE AT THE CITY MUNICIPAL OFFICE BUILDING, 306 E. JACKSON STREET, 5TH FLOOR, NORTH WING.				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.		
3. BENCHMARK ELEVATIONS SHOWN ON THE PLANS DEPICT THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).				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.		
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				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.		
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.				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.		
6. ALL CURB RADII, P.I., P.C., AND P.T. REFER TO THE EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.				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.)		
7. ALL RCP'S SHALL BE CONSTRUCTED WITHOUT LIFT-HOLES AND SHALL BE CLASS III UNLESS NOTED OTHERWISE IN THE PLANS.				UTILITY OWNERS:		
8. EXISTING SIDEWALK WITHIN THE ROADWAY R/W SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.				BRIGHT HOUSE NETWORKS (BHN) RANDY LYLE 813-684-6100, EXT. 32143 4145 S FALKENBURG RD RIVERVIEW, FL 33578		
9. EXISTING DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.				LEVEL 3 COMMUNICATIONS, LLC. (LEVEL3) NETWORK RELATIONS 877-366-8344, EXT. 2 1025 ELDORADO BLVD. BROOMFIELD, CO 80021		
10. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO REMAIN UNLESS OTHERWISE SHOWN IN THE PLANS.				CITY OF TAMPA SEWER JACK FERRAS 813-274-8095 306 E. JACKSON ST. TAMPA, FL 33602		
11. ALL TREES LOCATED WITHIN THE LIMITS OF CONSTRUCTION ARE TO REMAIN UNLESS OTHERWISE INDICATED IN THE PLANS.				TAMPA ELECTRIC COMPANY (TECO) & TECO FIBER OPTIC RONNIE ALEXANDER 813-275-3037 P.O. BOX 111 TAMPA, FL 33601		
12. THE COST OF SAW-CUTTING SHALL BE INCIDENTAL TO THE WORK BEING PERFORMED.				CITY OF TAMPA TRANSPORTATION VIK Bhide 813-274-8105 1104 E. TWIGGS SUITE 200 TAMPA, FL 33602		
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.				TECO PEOPLES GAS - TAMPA LUIS CASTELLANO 813-275-3743 1400 CHANNELSIDE DR. TAMPA, FL 33605		
14. ALL EXISTING SIDEWALK AND CURB TO BE REMOVED SHALL BE REMOVED TO THE NEAREST JOINT AND REPLACED AS NOTED IN THE PLANS.				CITY OF TAMPA WATER JANICE DAVIS 813-274-7096 306 E. JACKSON ST. MC:400-A5E TAMPA, FL 33602		
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.				TW TELECOM - TAMPA JAMES MCVEIGH 813-316-7763 3030 N ROCKY POINT DR W, STE 850 TAMPA, FL 33607		
16. CLEARING & GRUBBING IS NEEDED ONLY AT LOCATIONS OF PROPOSED PEDESTRIAN BULB-OUTS.				FIBERLIGHT, LLC. TIM GREEN 813-877-7183 4023 N. ARMENIA AVE. SUITE 200 TAMPA, FL 33602		
17. EXISTING GRASSED AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE SODDED, NOT SEEDED OR MULCHED.				VERIZON FLORIDA, INC. (VERIZON) DAVID WYNNS 813-627-8343 7701 E. TELECOM PKWY TEMPLE TERRACE, FL 33637		
18. THE VOLTAGE OF THE OVERHEAD ELECTRIC LINES IS SHOWN IN THE ROADWAY PLANS.				XO COMMUNICATIONS (XO) JEFF SBROCCO 813-301-4047 5904-A HAMPTON OAKS PARKWAY TAMPA, FL 33610		
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.				MCI VERIZON FLORIDA, INC 972-729-6322 1909 US HIGHWAY 301 N BLDG D TAMPA, FL 33619		
REVISIONS				CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO. COUNTY FINANCIAL PROJECT ID		
			ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	NA	HILLSBOROUGH	436013-1-58-01
				PROJECT NOTES		
				9		

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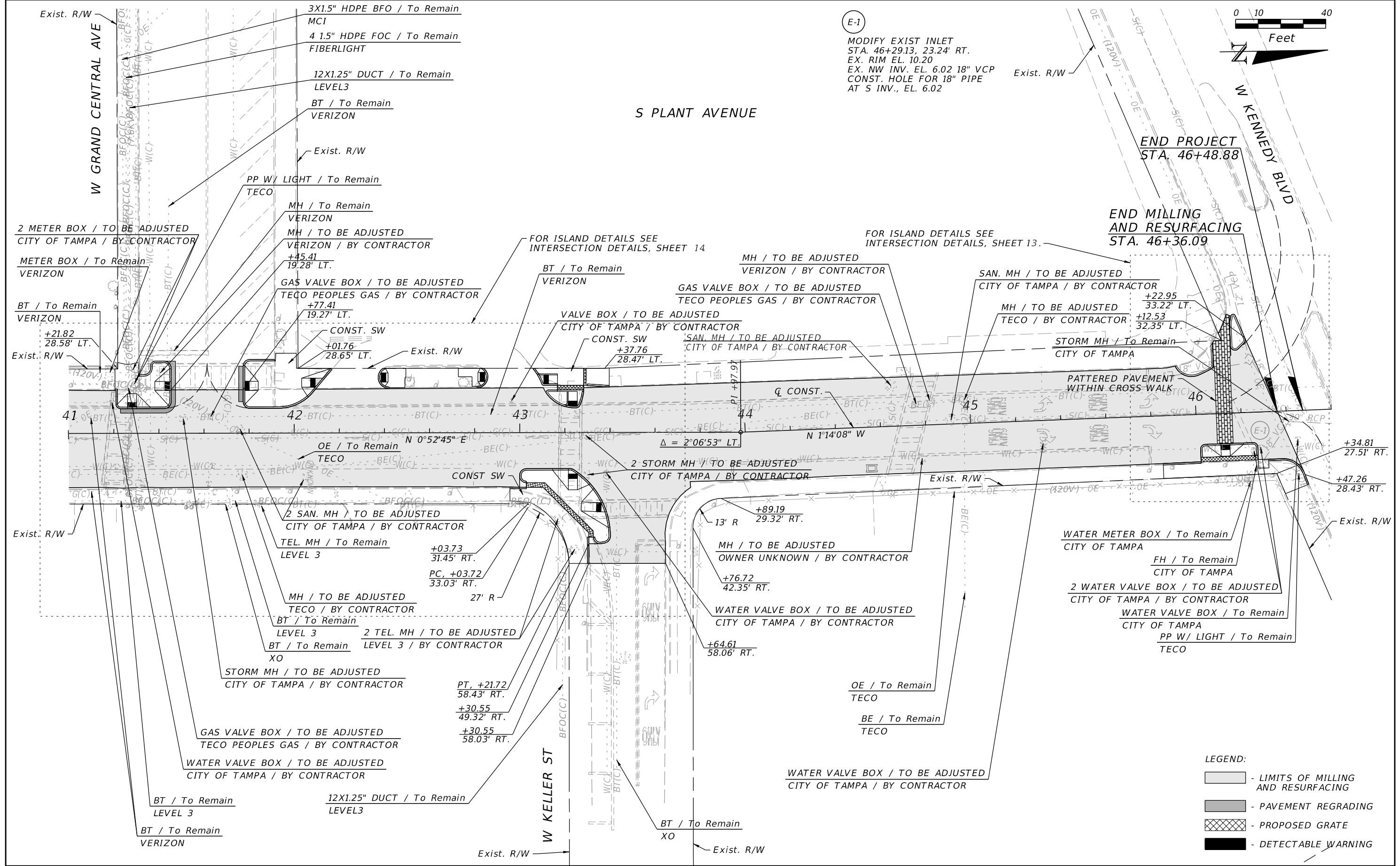


- LEGEND:
- LIMITS OF MILLING AND RESURFACING
 - PAVEMENT REGRADING
 - PROPOSED GRATE
 - DETECTABLE WARNING

TBM A6
NAIL AND DISK LB7831
N = 1312708.483 E = 506726.599
ELEV. = 16.70' (NAVD 88)

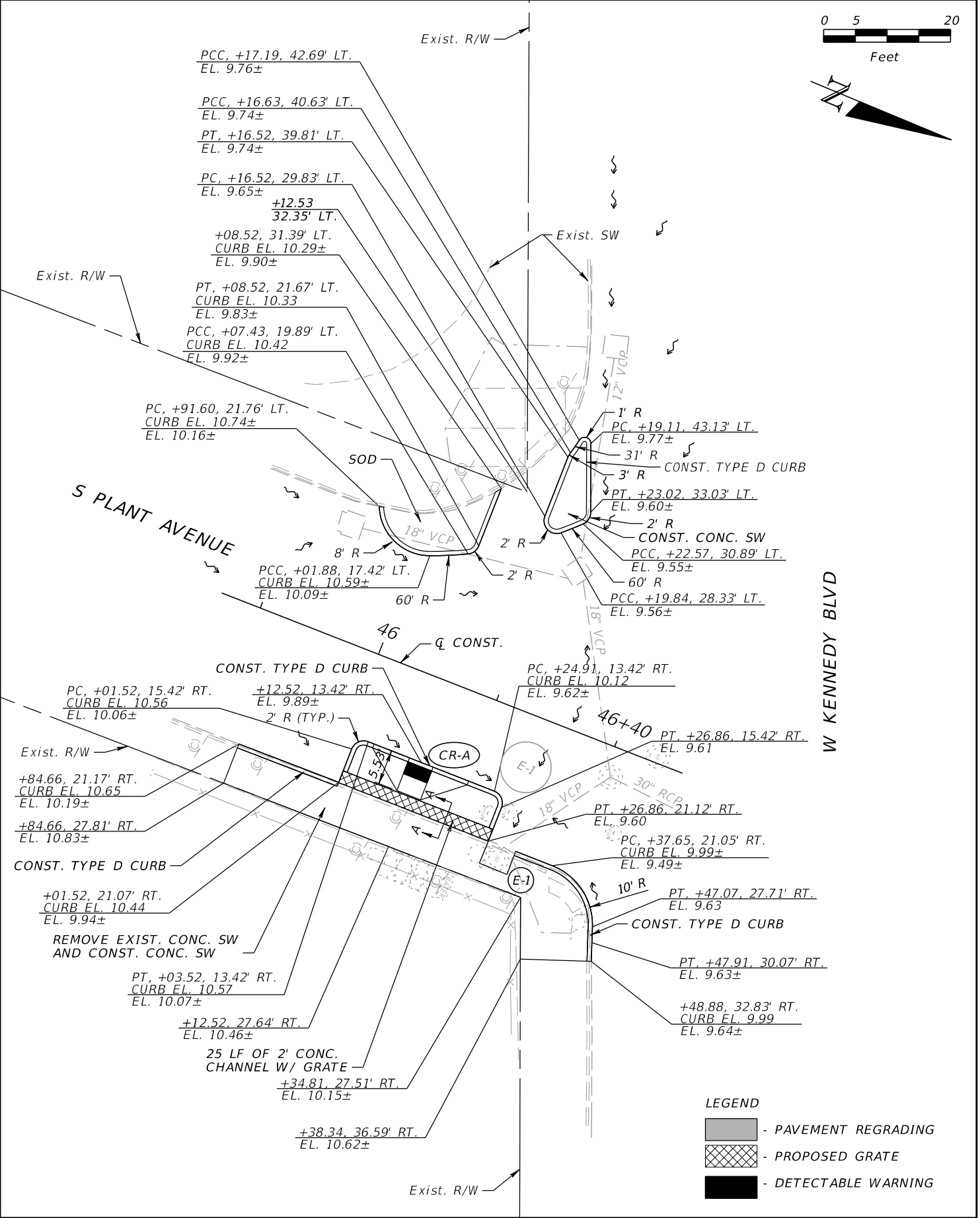
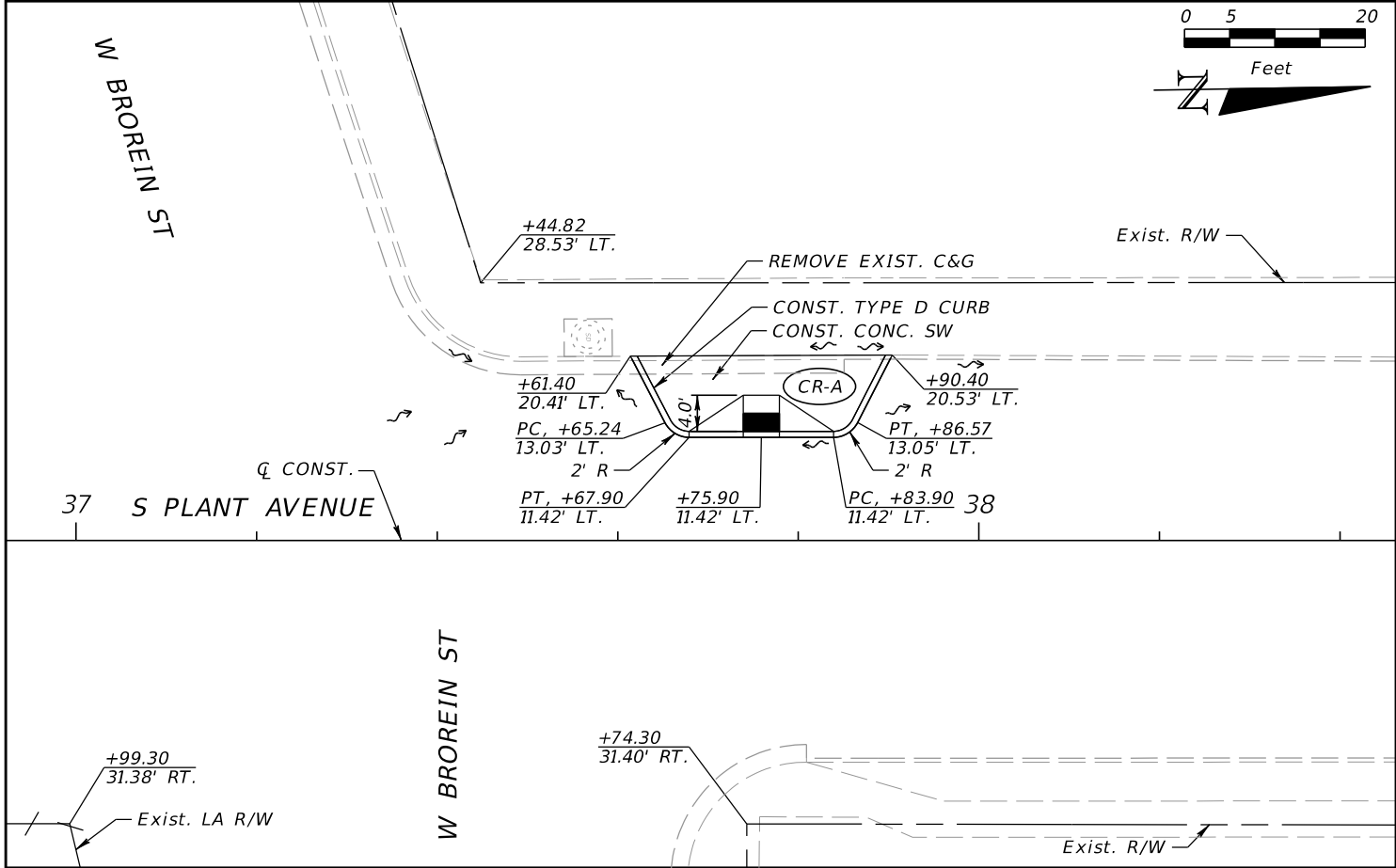
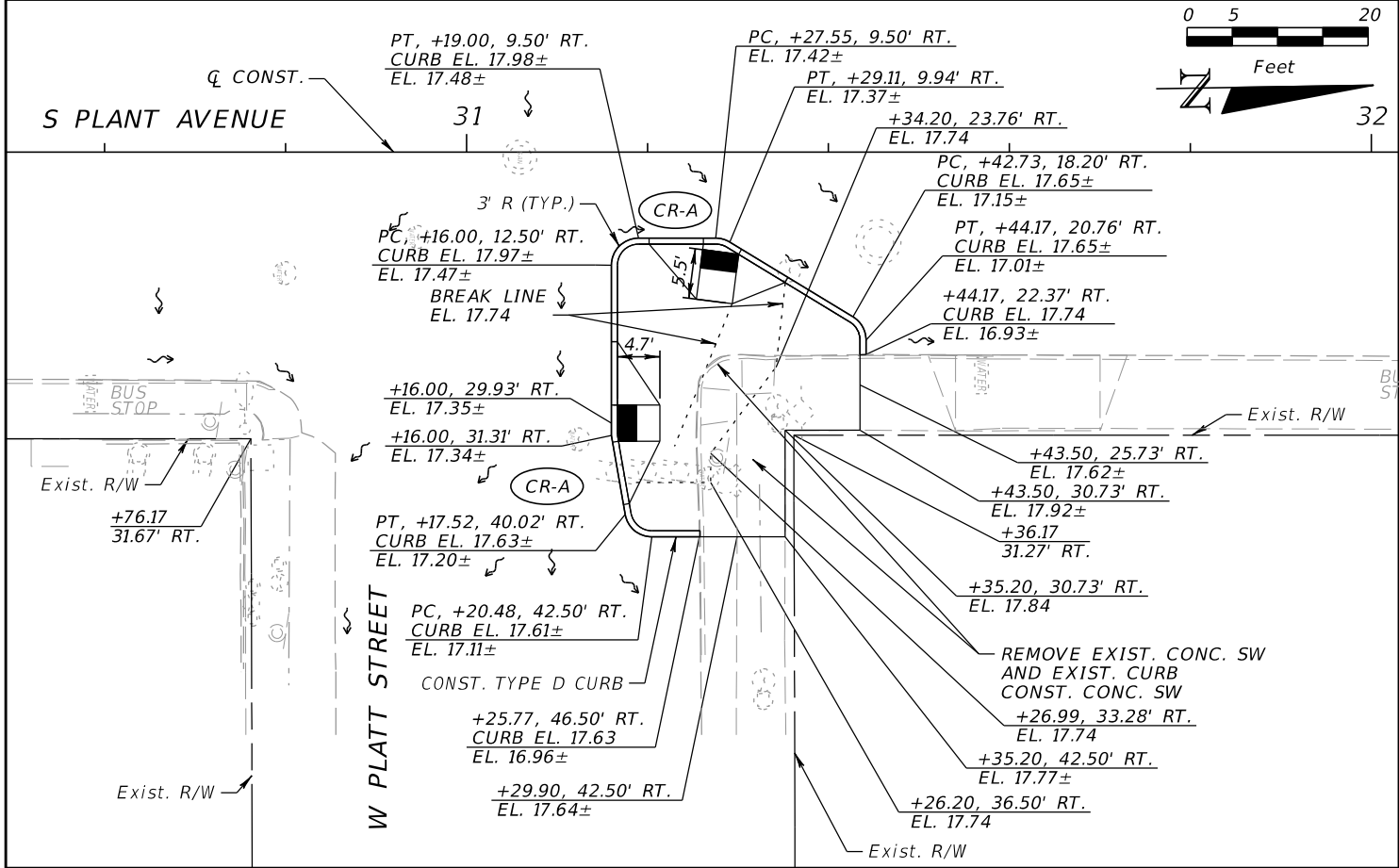
REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-1-58-01		11

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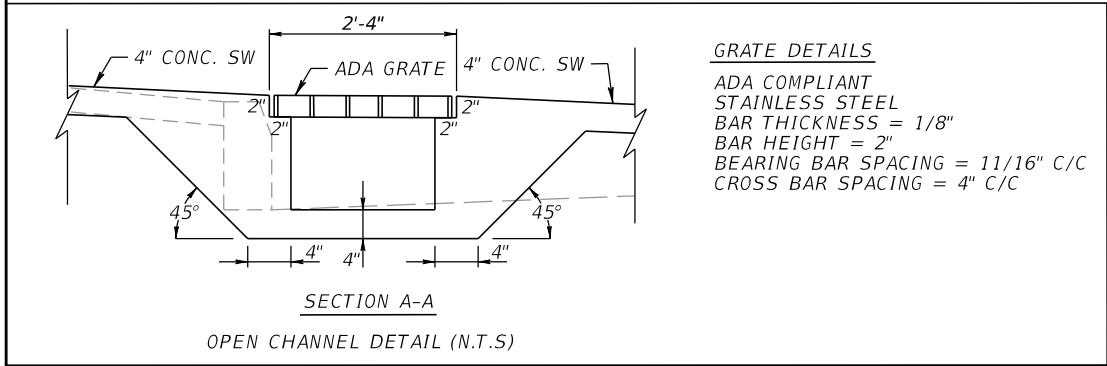
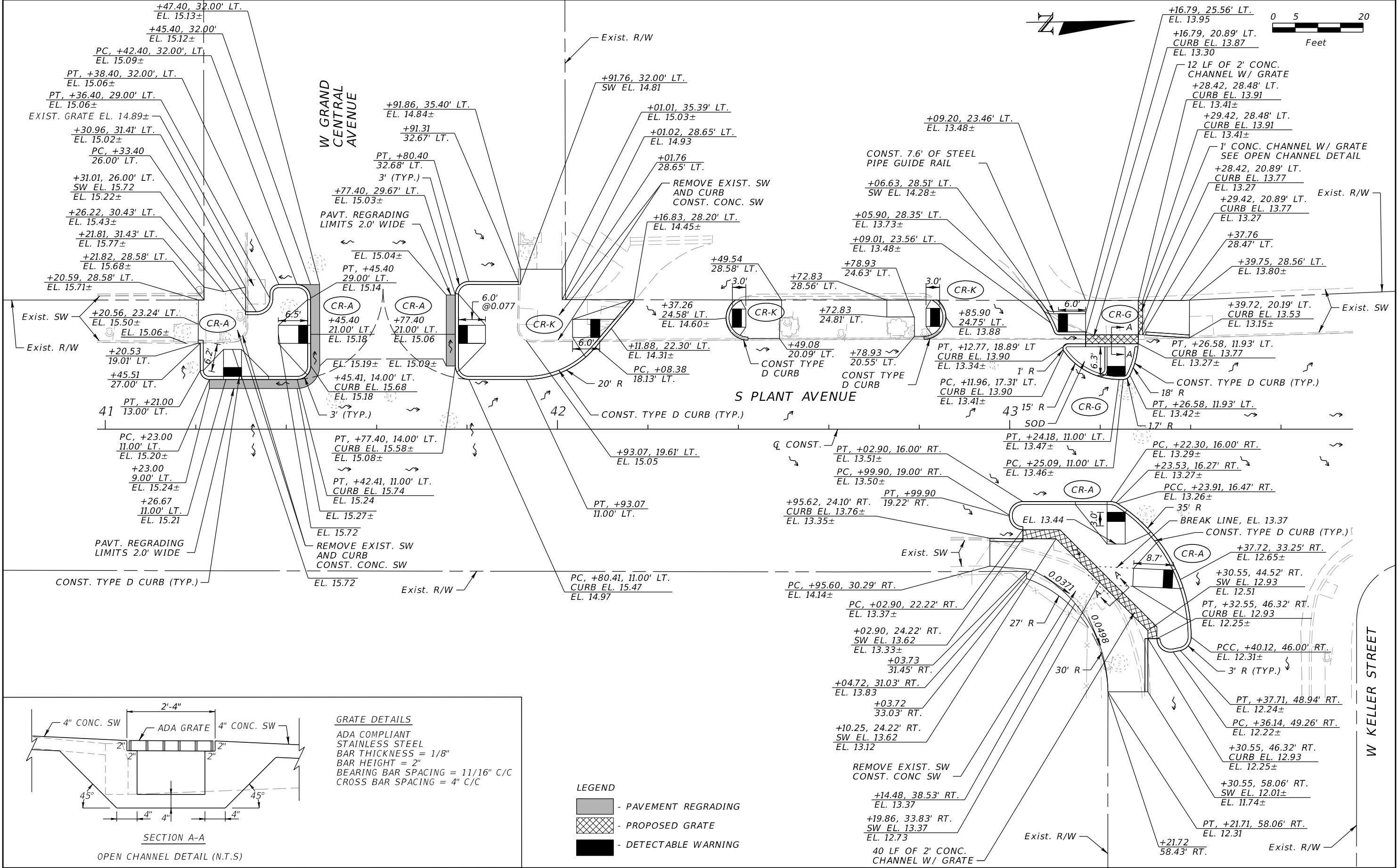
REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			ROADWAY PLAN	SHEET NO. 12
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-1-58-01		

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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			INTERSECTION DETAILS	SHEET NO. 13
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-1-58-01		

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LEGEND

- PAVEMENT REGRADING
- PROPOSED GRATE
- DETECTABLE WARNING

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			INTERSECTION DETAILS	SHEET NO. 14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-1-58-01		

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TEMPORARY TRAFFIC CONTROL PROJECT NOTES				5. SINGLE LANE CLOSURE RESTRICTIONS:			
1. THE EXISTING POSTED SPEED (30 MPH) WILL BE MAINTAINED DURING CONSTRUCTION.				SINGLE LANE CLOSURES ON PLANT AVENUE WILL NOT BE ALLOWED BETWEEN 7:00 AM AND 9:00 AM OR BETWEEN 3:30 PM AND 7:00 PM.			
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.				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.			
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:				6. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION VISIBLE DURING CONSTRUCTION OPERATIONS TO FACILITATE EMERGENCY VEHICLE TRAFFIC.			
NORTHBOUND PLANT AVENUE AT WEST VERNE STREET, EASTBOUND PLATT STREET WEST OF SOUTH CEDAR AVENUE, WESTBOUND BROREIN STREET EAST OF PARKER STREET, AND EASTBOUND KENNEDY BOULEVARD (SR 60) BETWEEN SOUTH FIELDING AVENUE & NORTH BREVARD STREET.				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.			
MESSAGE PROVIDED SHALL BE (OR AS DIRECTED BY THE ENGINEER):				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.			
<div>MESSAGE 1:<div>PLANT AVENUE CONST</div></div> <div>MESSAGE 2:<div>CONST BEGINS XXXXXXX</div>(DAY OF WEEK)</div>				9. PLACE A PROJECT INFORMATION SIGN, AS DETAILED IN INDEX NO. 600, APPROXIMATELY 500 FEET IN ADVANCE OF BEGIN CONSTRUCTION FOR NB TRAFFIC ON PLANT AVE.			
FOR DURATION OF CONSTRUCTION, MESSAGE PROVIDED SHALL BE (OR AS DIRECTED BY THE ENGINEER):				10. ADVANCE SIGNAGE FOR THE PROJECT SHALL CONSTITUTE THE FOLLOWING SIGNS AT THE FOLLOWING LOCATIONS:			
<div>MESSAGE 1:<div>PLANT AVENUE CONST</div></div> <div>MESSAGE 2:<div>SEEK ALTRNATE ROUTE</div></div>				ROAD WORK 500' (W20-1A) FOR NORTHBOUND TRAFFIC ON BOTH SIDES OF PLANT AVENUE SOUTH OF VERNE STREET.			
AS AN INTEGRAL PART OF ANY LANE CLOSURE, PLACE A PCMS APPROXIMATELY 250 FEET IN ADVANCE OF THE LANE CLOSURE.				ROAD WORK AHEAD (W20-1F) SIGNS PLACED: FOR NORTHBOUND TRAFFIC ON BOTH SIDES OF PLANT AVENUE NORTH OF BEACH STREET, FOR WESTBOUND TRAFFIC ON WEST VERNE STREET, FOR WESTBOUND TRAFFIC ON WEST BEACH STREET, FOR WESTBOUND TRAFFIC ON HYDE PARK PLACE, FOR EASTBOUND TRAFFIC ON WEST PLATT STREET WEST OF PLANT AVENUE, FOR WESTBOUND TRAFFIC ON THE WESTBOUND OFF RAMP FROM THE SELMON EXPRESSWAY EAST OF PLANT AVENUE, FOR WESTBOUND TRAFFIC ON WEST BROREIN STREET EAST OF PLANT AVENUE, FOR WESTBOUND TRAFFIC ON GRAND CENTRAL BOULEVARD EAST OF PLANT AVENUE, FOR EASTBOUND TRAFFIC ON GRAND CENTRAL BOULEVARD WEST OF PLANT AVENUE, AND FOR WESTBOUND TRAFFIC ON KELLER STREET EAST OF PLANT AVENUE.			
DISPLAY PROVIDED SHALL BE (OR AS DIRECTED BY THE ENGINEER):				SPEEDING FINES DOUBLED WHEN WORKS PRESENT (MOT 14-06) SIGNS PLACED: FOR NORTHBOUND TRAFFIC ON BOTH LEFT AND RIGHT SIDE PLANT AVENUE NORTH OF VERNE STREET			
<div>MESSAGE 1:<div>LANE CLOSED AHEAD</div></div> <div>MESSAGE 2:<div>MERGE LEFT</div>(OR RIGHT AS APPROPRIATE)</div>				END ROAD WORK (G20-2) SIGNS PLACED: FOR EASTBOUND TRAFFIC ON WEST PLATT STREET EAST OF PLANT AVENUE, FOR WESTBOUND TRAFFIC ON WEST BROREIN STREET WEST OF PLANT AVENUE, FOR EASTBOUND TRAFFIC ON GRAND CENTRAL BOULEVARD EAST OF PLANT AVENUE, FOR WESTBOUND TRAFFIC ON GRAND CENTRAL BOULEVARD WEST OF PLANT AVENUE, FOR EASTBOUND TRAFFIC ON KELLER STREET EAST OF PLANT AVENUE, FOR EASTBOUND TRAFFIC ON KENNEDY BOULEVARD (SR 60) EAST OF PLANT AVENUE, AND FOR WESTBOUND TRAFFIC ON KENNEDY BOULEVARD (SR 60) WEST OF PLANT AVENUE.			
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.				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, RAMPELLO K-8 MAGNET SCHOOL, TAMPA PREPARATORY SCHOOL, AND 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.			
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 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.							
REVISIONS				CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO. COUNTY FINANCIAL PROJECT ID			TEMPORARY TRAFFIC CONTROL PLAN
			ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	NA	HILLSBOROUGH	436013-1-58-01	
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TEMPORARY TRAFFIC CONTROL PHASING NOTES

PHASE I
PLACE ADVANCE NOTIFICATION PCMS SIGNS SEVEN (7) DAYS IN ADVANCE. PLACE ADVANCE SIGNAGE.

UNDER LANE CLOSURES AS NECESSARY, USING INDICES 612, 613, 616, 619, & 660, REMOVE EXISTING PAVEMENT MARKINGS, AND RESTRIPE PROPOSED LANE CONFIGURATION, USING TEMPORARY PAINT, FROM SOUTH OF WEST PLATT STREET TO THE SOUTH APPROACH TO WEST BROREIN STREET. DO NOT STRIPE FOR PROPOSED BIKE LINE.

PHASE II
USING LANE SHIFTS AS NECESSARY, CONSTRUCT PEDESTRIAN BULB-OUTS ON PLANT AVENUE UTILIZING INDICES 612, 613, 616, 619, & 660.

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

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

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-1-58-01	16	

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 24" LONGITUDINAL STRIPES IN THE SPECIAL EMPHASIS CROSSWALK MARKINGS SHALL BE PREFORMED MARKING MATERIALS.
7. THE CONTRACTOR SHALL GIVE A MINIMUM OF TWO WEEKS NOTICE TO THE CITY OF TAMPA PARKING DEPARTMENT IN ORDER FOR THE CITY OF TAMPA PARKING DEPARTMENT'S CONTRACTOR TO OBTAIN THE NECESSARY MATERIALS FOR HIM TO RELOCATE THE EXISTING, NUMBERED, METAL PARKING POSTS TO THEIR NEW LOCATIONS, COINCIDING WITH THE END OF EACH NEWLY DELINEATED PARKING SPOT.

CHARLES DUMMETT, CITY OF TAMPA PARKING MANAGER
813-274-8482
Charles.Dummett@tampagov.net

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.

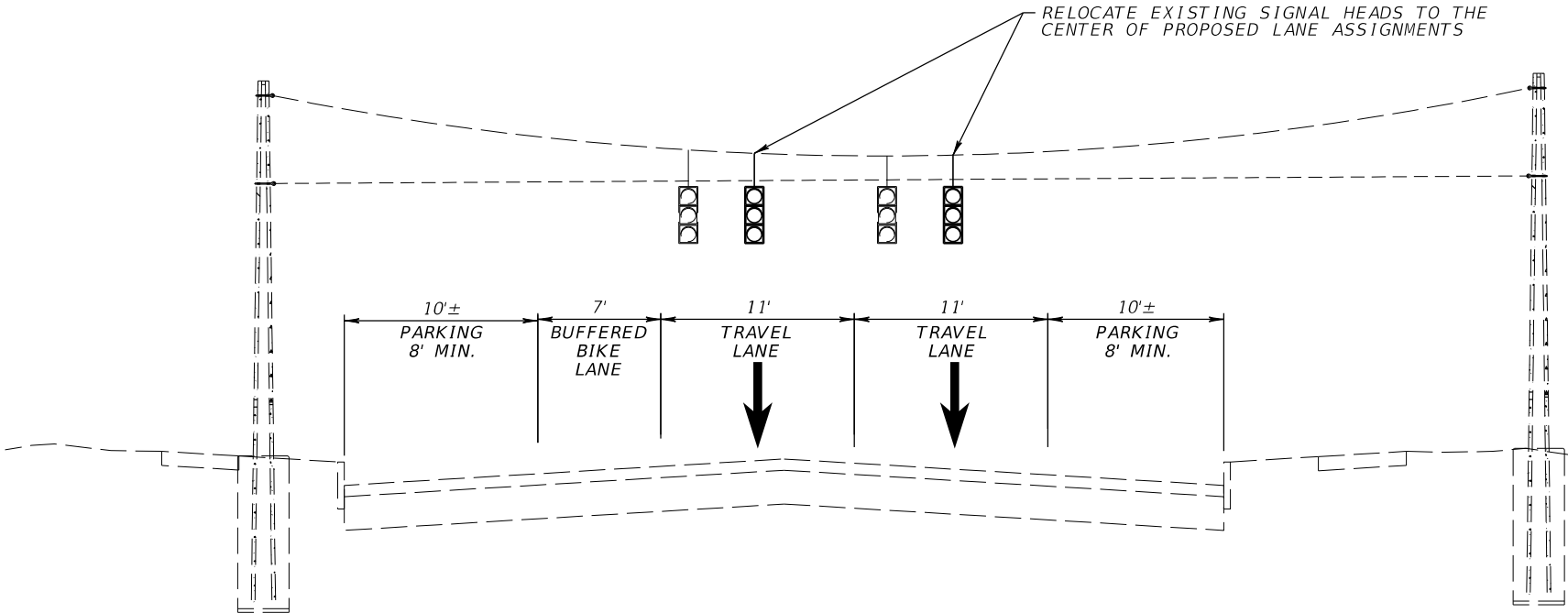
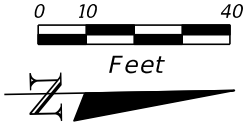


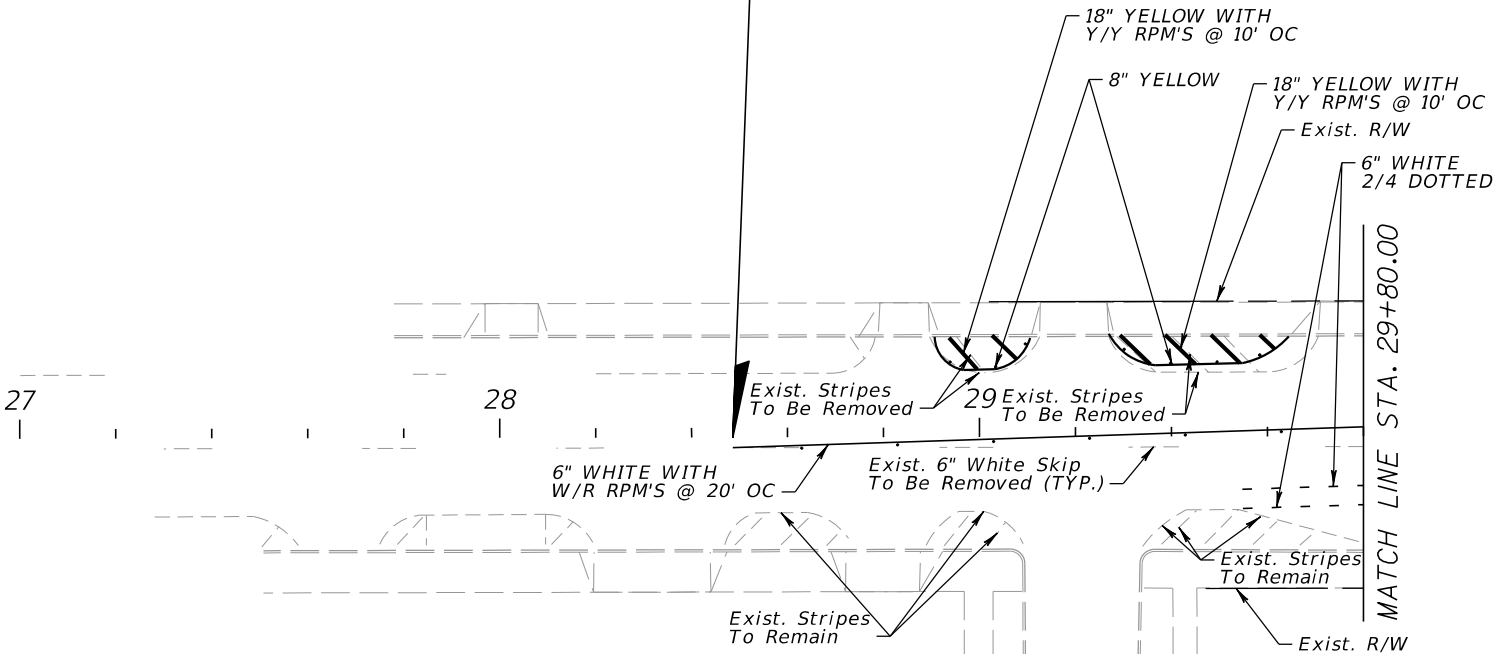
FIGURE 1: PROPOSED LOCATION OF SIGNAL HEADS

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		17
					NA	HILLSBOROUGH	436013-1-58-01		



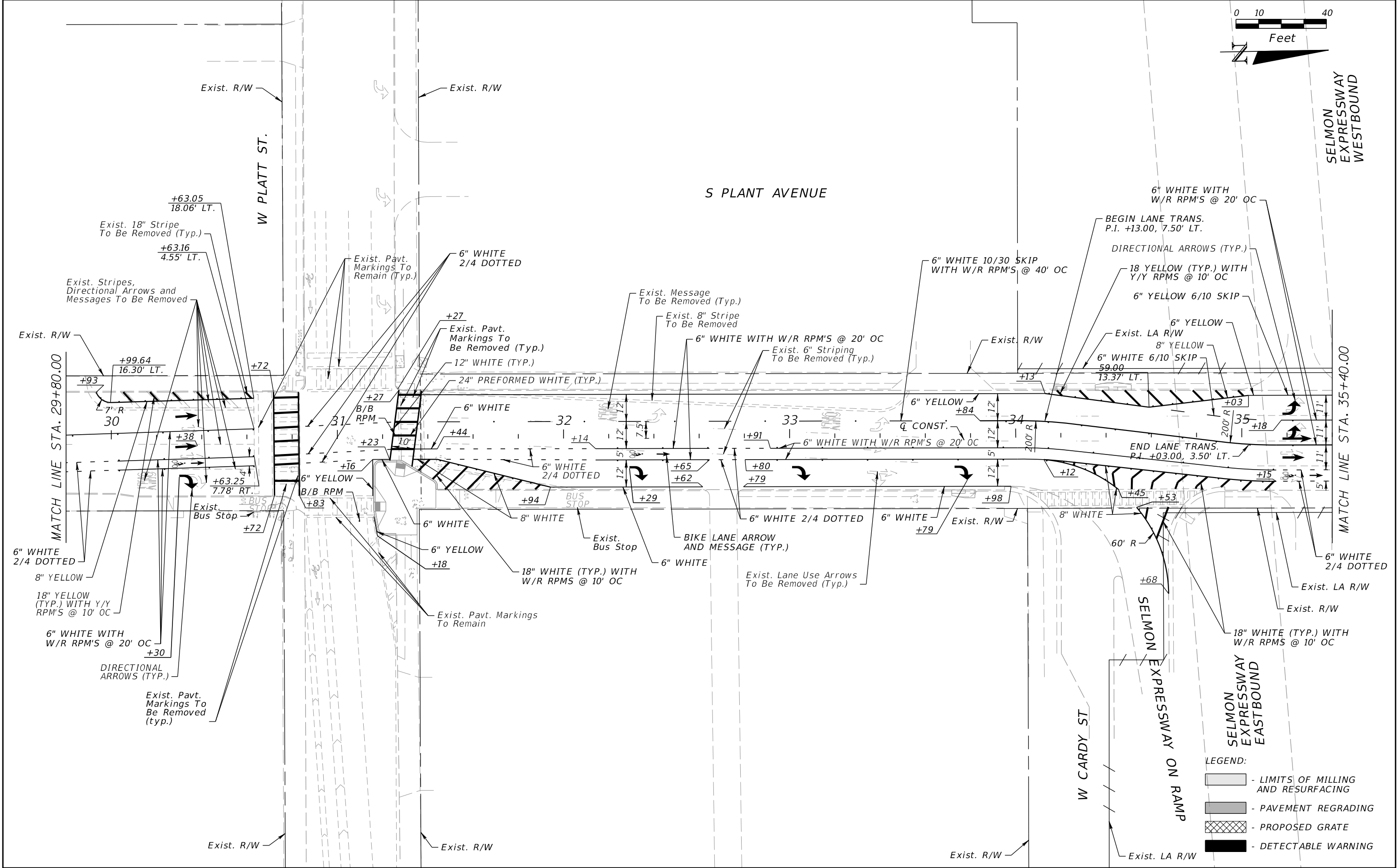
S PLANT AVENUE

BEGIN PROJECT
BEGIN PAVEMENT MARKING
STA. 28+48.56



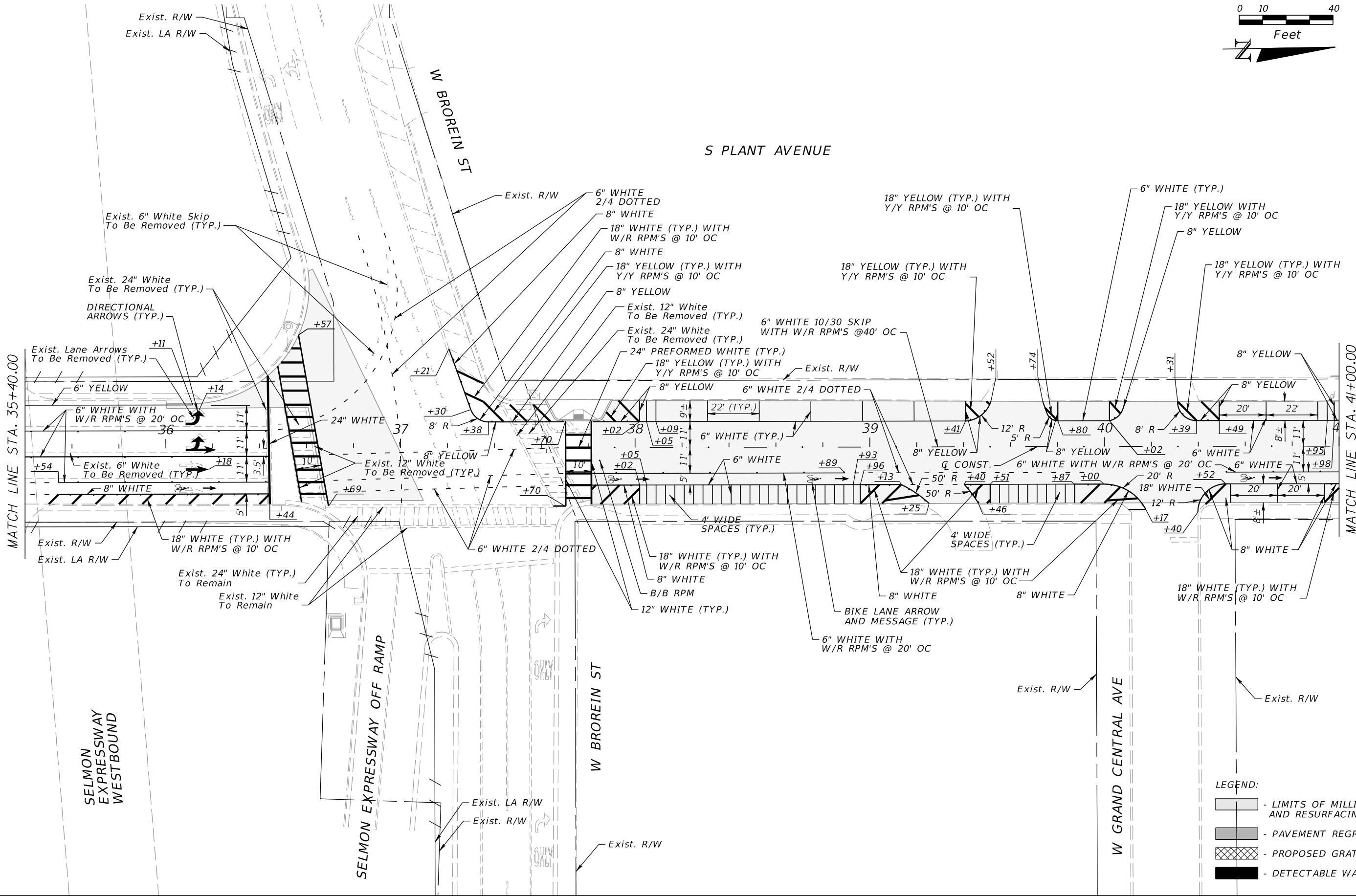
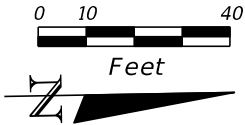
- LEGEND:
- LIMITS OF MILLING AND RESURFACING
 - PAVEMENT REGRADING
 - PROPOSED GRATE
 - DETECTABLE WARNING

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			PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		18
					NA	HILLSBOROUGH	436013-1-58-01		



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			PAVEMENT MARKING PLAN	SHEET NO. 19
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-1-58-01		

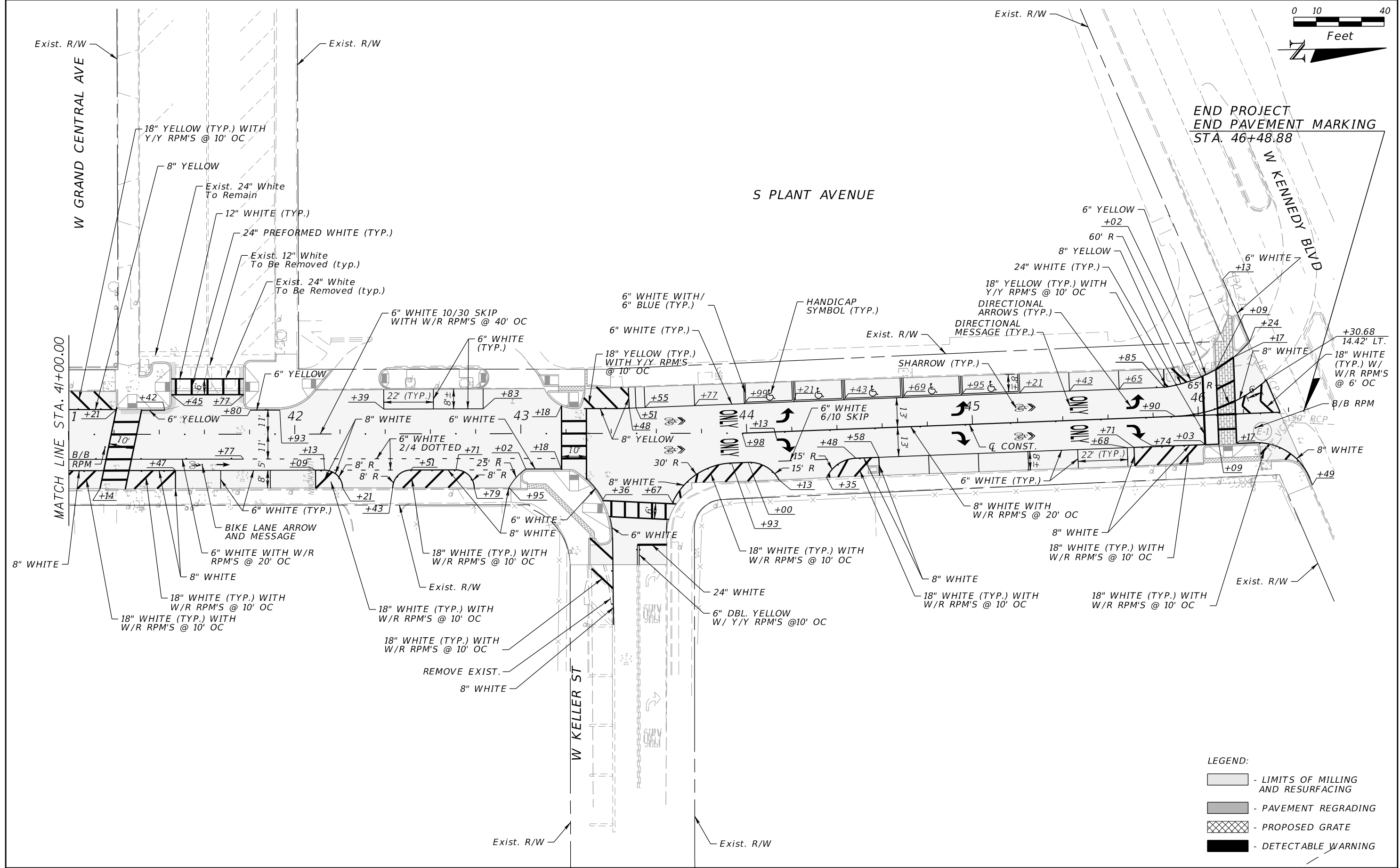
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



- LEGEND:
- LIMITS OF MILLING AND RESURFACING
 - PAVEMENT REGRADING
 - PROPOSED GRATE
 - DETECTABLE WARNING

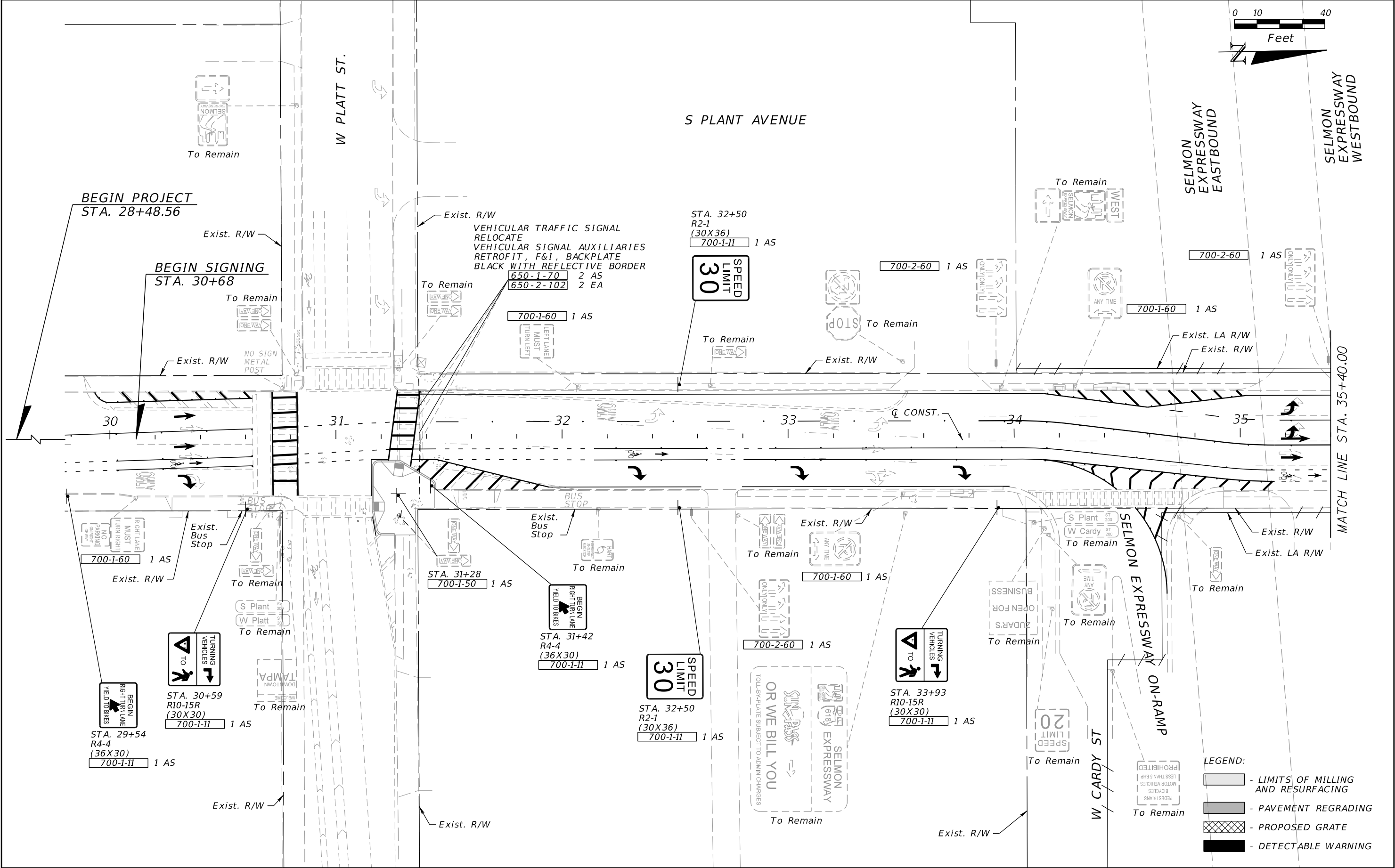
REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-1-58-01		20

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



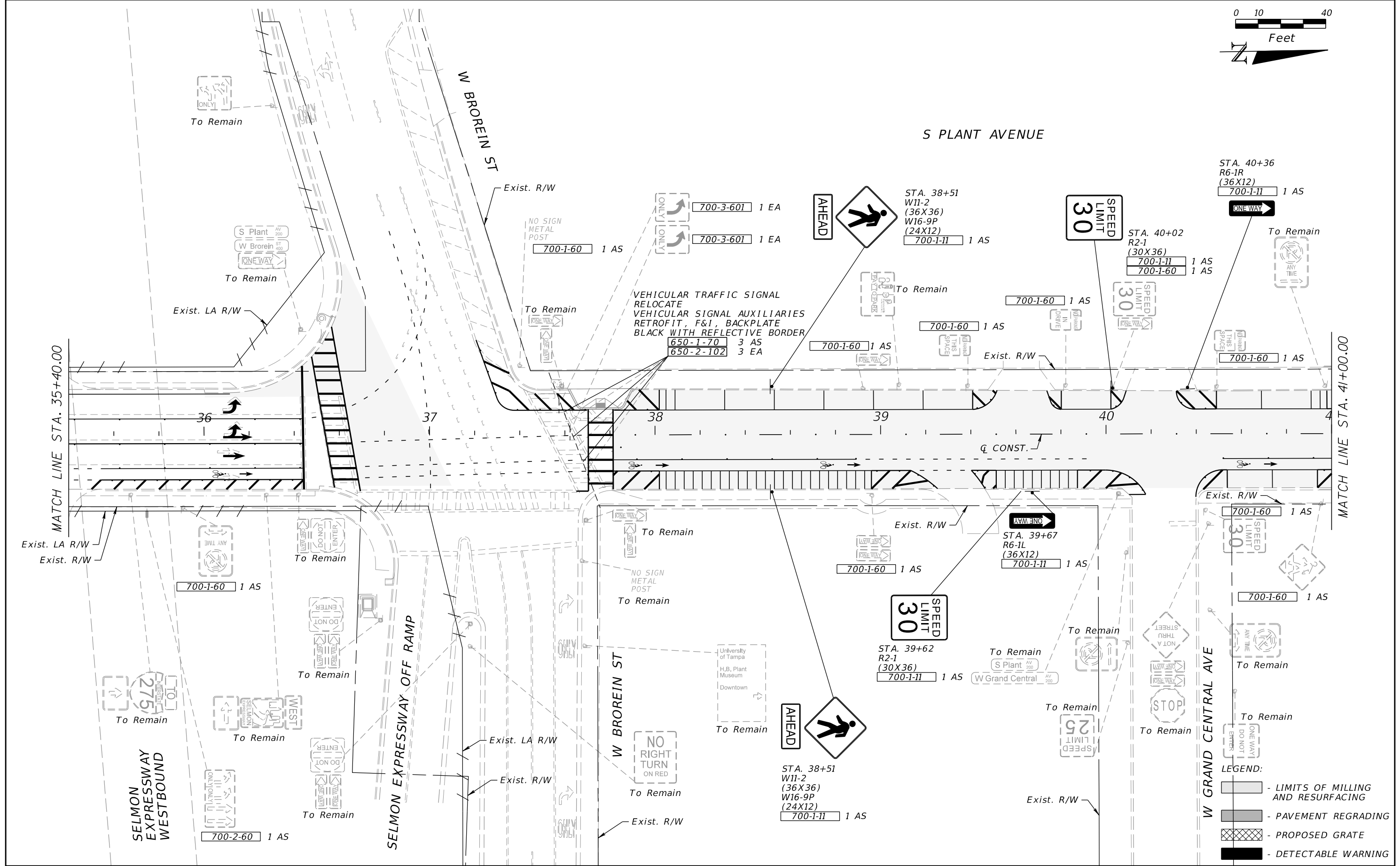
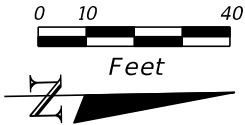
REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-1-58-01		21

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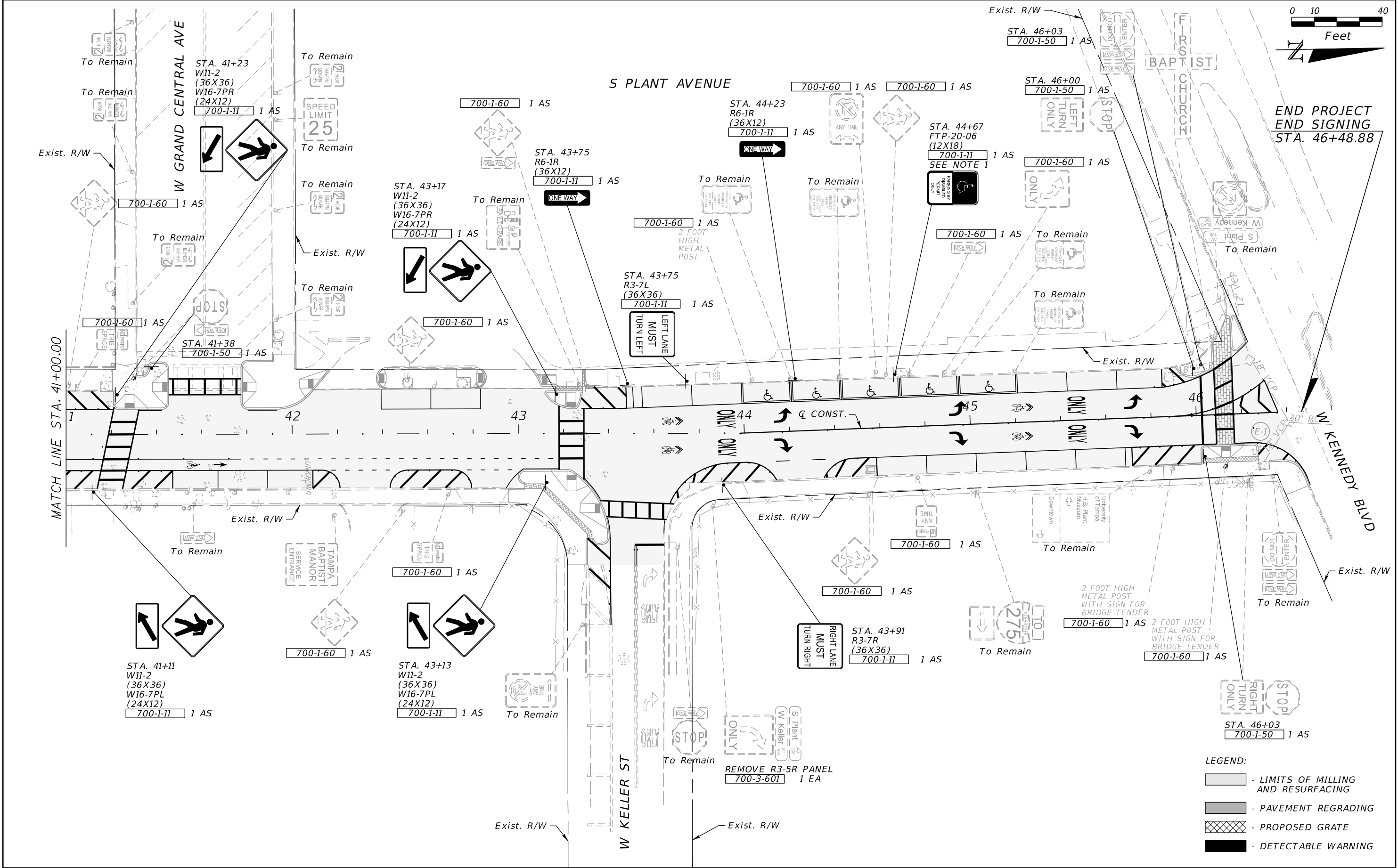
REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			SIGNING PLAN	SHEET NO. 22
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-1-58-01		

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



REVISIONS				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			SIGNING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-1-58-01		23

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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			SIGNING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-1-58-01		24

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CITY OF TAMPA
DEPARTMENT OF TRANSPORTATION
AND STORMWATER

CONTRACT PLANS

CITY OF TAMPA PROJECT NO. 1000931
FDOT FINANCIAL PROJECT ID 436013-2-58-01
S HYDE PARK AVE. (SB - ONE WAY PAIR)
FROM PLATT ST. TO SR 60/KENNEDY BLVD.



A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

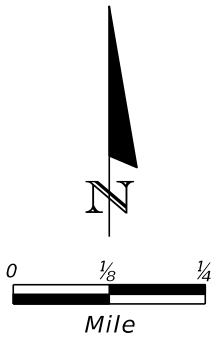
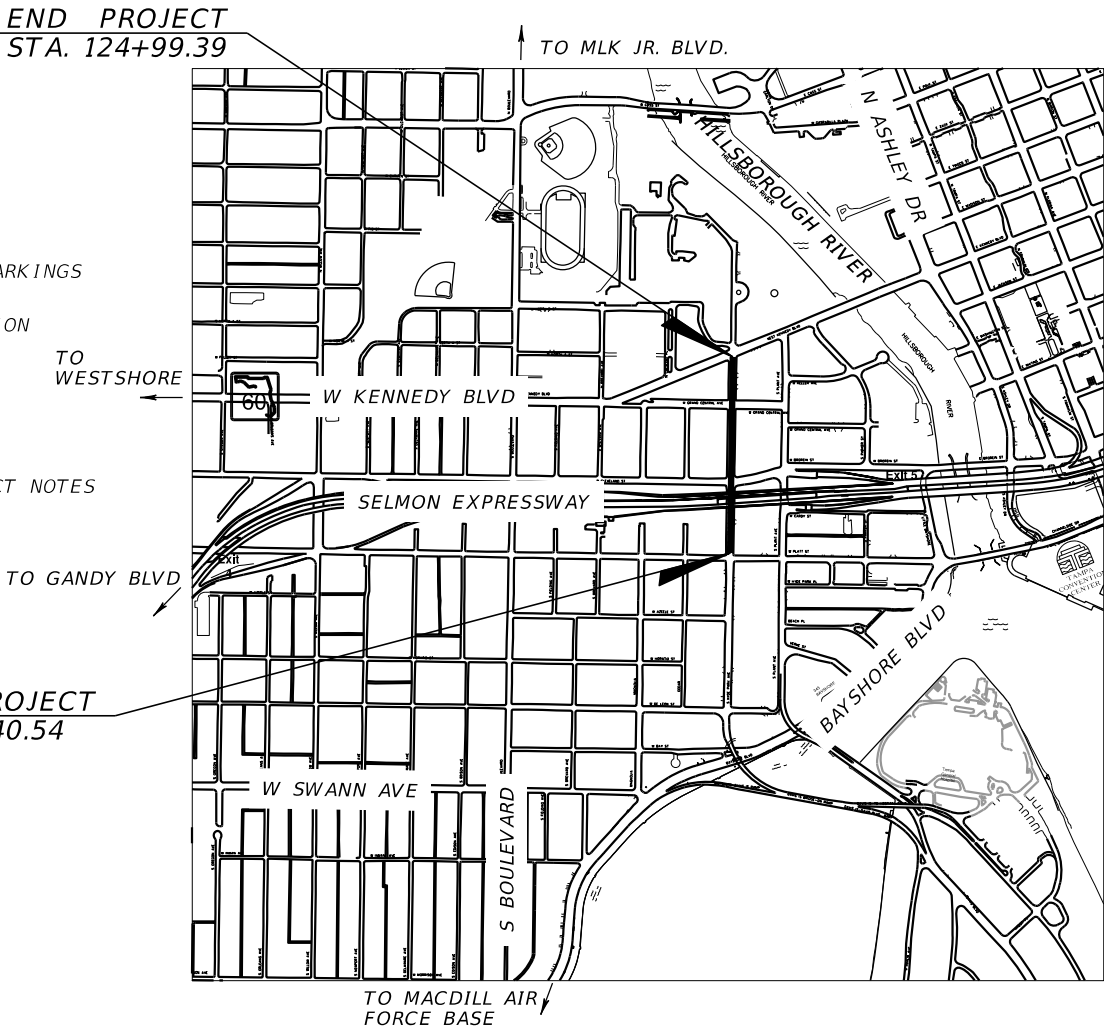
SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4	TYPICAL SECTIONS
SQ-1 - SQ-6	SUMMARY OF QUANTITIES
5	TABULATION OF QUANTITIES PAVEMENT MARKINGS
6	TABULATION OF QUANTITIES SIGNING
7	TABULATION OF QUANTITIES SIGNALIZATION
8	PROJECT LAYOUT
9	PROJECT NOTES
10 - 12	ROADWAY PLAN
13 - 14	INTERSECTION DETAILS
15 - 16	TEMPORARY TRAFFIC CONTROL PLAN
17	SIGNING AND PAVEMENT MARKINGS PROJECT NOTES
18 - 20	PAVEMENT MARKING PLAN
21 - 23	SIGNING PLAN
24	SIGNALIZATION PLAN

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/DesignStandards>

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/StandardSpecifications>

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>



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 436013-3-58-01

PROJECT LENGTH IS BASED ON ~~B~~ OF
CONSTRUCTION FOR HYDE PARK AVENUE

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	1358.85	0.257
BRIDGES	0.00	0.000
NET LENGTH OF PROJECT	1358.85	0.257
EXCEPTIONS	0.00	0.000
GROSS LENGTH OF PROJECT	1358.85	0.257

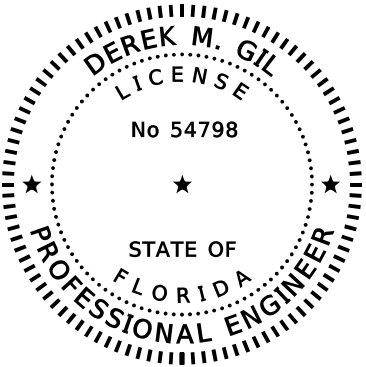
CITY PROJECT MANAGER: NINA MABILLEAU

KEY SHEET REVISIONS	
DATE	DESCRIPTION

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 SECTIONS
SQ-1 - SQ-6	SUMMARY OF QUANTITIES
5	TABULATION OF QUANTITIES PAVEMENT MARKINGS
6	TABULATION OF QUANTITIES SIGNING
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18 - 20	PAVEMENT MARKING PLAN
21 - 23	SIGNING PLAN
24	SIGNALIZATION 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		
					NA	HILLSBOROUGH	436013-2-58-01		2

PAY ITEMS				
SUMMARY OF ROADWAY				
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	FA	TOTAL
			PART.	
0101 1	MOBILIZATION	LS	1	1
0102 1	MAINTENANCE OF TRAFFIC (113 DA)	LS	1	1
0102 60	WORK ZONE SIGN	ED	2806	2806
0102 74 1	CHANNELIZING DEVICE (TYPES I,II,DI,VP,DRUM, VEH. LCD)	ED	5895	5895
0102 74 2	CHANNELIZING DEVICE (TYPE III - 6'')	ED	240	240
0102 74 6	CHANNELIZING DEVICE - PEDESTRIAN LCD	ED	670	670
0102 76	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	173	173
0102 78	TEMPORARY RETROREFLECTIVE PAVEMENT MARKERS	EA	114	114
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN - TEMPORARY	ED	565	565
0104 18	INLET PROTECTION SYSTEM	EA	9	9
0110 1 1	CLEARING & GRUBBING (0.09)	LS	1	1
0120 1	REGULAR EXCAVATION	CY	13.4	13.4
0120 6	EMBANKMENT	CY	52.5	52.5
0327 70 5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	SY	6480.0	6480
0334 1 22	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, PG 76-22, PMA	TN	356.4	356.4
0337 7 40	ASPH. CONC. FRICTION COURSE,TRAFFIC B, FC-9.5, PG 76-22, PMA	TN	356.4	356.4
0425 5 1	MANHOLE, ADJUST, UTILITIES	EA	7	7
0425 6	VALVE BOXES, ADJUST	EA	9	9
0430963 2	PVC PIPE FOR BACK OF SW, NO STANDARD DIA. (8")	LF	29	29
0436 1 1	TRENCH DRAIN , STANDARD	LF	26	26
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF	18	18
0520 2 4	CONCRETE CURB, TYPE D	LF	399	399
0522 1	SIDEWALK CONCRETE, 4" THICK	SY	309	309
0523 1	PATTERNED PAVEMENT, VEHICULAR AREAS	SY	40	40
0527 2	DETECTABLE WARNINGS	SF	86	86
0570 1 2	PERFORMANCE TURF, SOD	SY	94	94
0710 11101	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 6"	GM	0.749	0.749
0710 11102	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 8"	GM	0.071	0.071
0710 11123	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 12"	LF	263	263
0710 11124	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 18"	LF	340	340
0710 11125	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 24"	LF	277	277
0710 11131	PAINTED PAVEMENT MARKINGS, STD, WHITE, SKIP 10/30, 6"	GM	0.190	0.190
0710 11141	PAINTED PAVEMENT MARKINGS, STD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXT., 6"	GM	0.134	0.134
0710 11160	PAINTED PAVEMENT MARKINGS, STD, WHITE, MESSAGE OR SYMBOL	EA	7	7
0710 11170	PAINTED PAVEMENT MARKINGS, STD, WHITE, ARROW	EA	11	11
0710 11201	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 6"	GM	0.031	0.031
0710 11202	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 8"	GM	0.099	0.099
0710 11224	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	433	433
0710 11241	PAINTED PAVEMENT MARKINGS, STD, YELLOW, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXT., 6"	GM	0.021	0.021

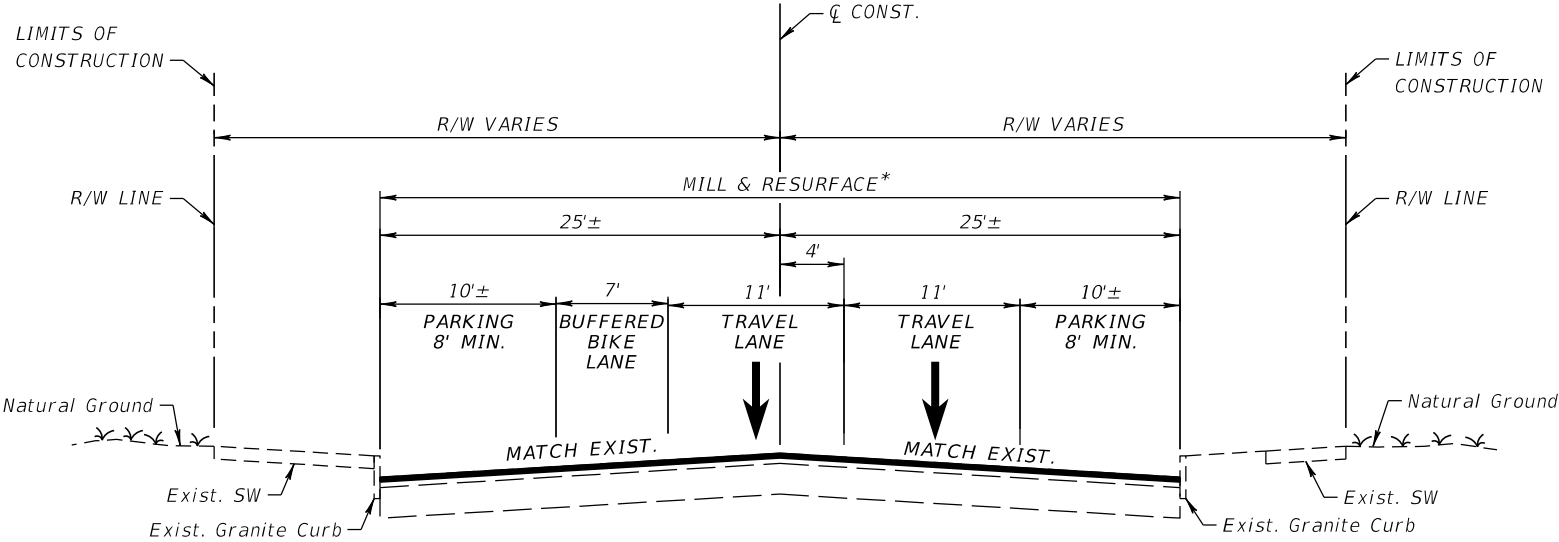
<div style="text-align: center;"> PAY ITEMS SUMMARY OF SIGNING AND PAVEMENT MARKINGS </div>				
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	FA	TOTAL
			PART .	
0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	14	14
0700 1 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	2	2
0700 1 50	SINGLE POST SIGN, RELOCATE	AS	5	5
0700 1 60	SINGLE POST SIGN, REMOVE	AS	20	20
0700 3601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1	1
0710 90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	LS	1	1
0711 11123	THERMOPLASTIC, WHITE, SOLID FOR CROSSWALKS & ROUNDABOUTS, 12"	LF	263	263
0711 11124	THERMOPLASTIC, WHITE, SOLID FOR DIAGONALS AND CHEVRONS, 18"	LF	340	340
0711 11125	THERMOPLASTIC, WHITE, SOLID FOR STOP BARS, 24"	LF	102	102
0711 11141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDE LINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.134	0.134
0711 11170	THERMOPLASTIC, ARROWS	EA	4	4
0711 11224	THERMOPLASTIC, YELLOW, SOLID FOR DIAGONALS AND CHEVRONS, 18"	LF	433	433
0711 11241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.021	0.021
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24"	LF	175	175
0711 14160	THERMOPLASTIC, PREFORMED, MESSAGE, BIKE SYMBOL	EA	7	7
0711 14170	THERMOPLASTIC, PREFORMED, ARROWS (BIKE THRU ARROW)	EA	7	7
0711 16101	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SOLID, 6"	GM	0.749	0.749
0711 16102	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SOLID, 8"	GM	0.071	0.071
0711 16131	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SKIP/DOTTED, 6"	GM	0.190	0.190
0711 16201	THERMOPLASTIC, STD - OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.031	0.031
0711 16202	THERMOPLASTIC, STD - OTHER SURFACES, YELLOW, SOLID, 8"	GM	0.099	0.099
0711 17	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	SF	449	449

PAY ITEMS				
SUMMARY OF SIGNALIZATION				
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	FA	TOTAL
			PART .	
0630 2 11	CONDUIT, F&I, OPEN TRENCH	LF	37	37
0632 7 2	SIGNAL CABLE-REPAIR/REPLACE/OTHER, F&I	LF	240	240
0635 2 40	PULL & SPLICE BOX, RELOCATE	EA	2	2
0646 1 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	3	3
0646 1 60	ALUMINUM SIGNALS POLE, REMOVE	EA	1	1
0650 1 70	VEHICULAR TRAFFIC SIGNAL (RELOCATE)	AS	2	2
0650 2102	VEHICULAR SIGNAL AUXILIARIES, (REPAIR/REPLACE/RETROFIT - F&I)(BACKPLATE - BLACK WITH RETROREFLECTIVE BORDER)	EA	2	2
0653 1 11	PEDESTRIAN SIGNAL, F&I, LED - COUNTDOWN, 1 WAY	AS	3	3
0653 1 60	PEDESTRIAN SIGNAL, REMOVE	AS	1	1
0665 1 11	PEDESTRIAN DETECTOR, F&I, STANDARD	EA	3	3
0665 1 60	PEDESTRIAN DETECTOR, REMOVE POLE/PEDESTAL TO REMAIN	EA	1	1

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 PAY ITEMS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		3

TRAFFIC DATA

CURRENT YEAR = 2014 AADT = 7100
K = 9.0% D = 99.9% T = 7.2% (24 HOUR)
DESIGN SPEED = 35 MPH
POSTED SPEED = 30/35 MPH



TYPICAL SECTION
S. HYDE PARK AVE.
STA. 111+40.54 TO STA. 124+99.39

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

RESURFACING
TYPE SP STRUCTURAL COURSE (TYPE B) (1") (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			TYPICAL SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		4

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				
			DAYS	P	P	DAYS	P	P	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS							1		113 TOTAL CONTRACT DAYS	
0102 60	WORK ZONE SIGN	ED	14	26	364	60	29	1740	2104			
0102 74 1	CHANNELIZING DEVICE (TYPES I,II,DI,VP,DRUM, VEH. LCD)	ED	14	41	686	60	65	3900	4586			
	CHANNELIZING DEVICE (ADVANCED PCMS)	ED	7	16								
0102 74 2	CHANNELIZING DEVICE (TYPE III - 6'')	ED				60	4	240	240			
0102 74 6	CHANNELIZING DEVICE - PEDESTRIAN LCD	ED	14	5	70	60	10	600	670			
0102 76	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	14	1	14	60	2	120	134			
0102 78	TEMPORARY RETROREFLECTIVE PAVEMENT MARKERS	EA										
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN - TEMPORARY	ED	14	4	84	60	5	300	384			
	ADVANCED PORTABLE CHANGEABLE MESSAGE SIGN - TEMPORARY	ED	7	4								
0710 11101	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 6"	GM										
0710 11102	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 8"	GM										
0710 11123	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 12"	LF										
0710 11124	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 18"	LF										
0710 11125	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 24"	LF										
0710 11131	PAINTED PAVEMENT MARKINGS, STD, WHITE, SKIP 10/30, 6"	GM										
0710 11141	PAINTED PAVT. MARKINGS, STD., WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXT., 6"	GM										
0710 11160	PAINTED PAVEMENT MARKINGS, STD, WHITE, MESSAGE OR SYMBOL	EA										
0710 11170	PAINTED PAVEMENT MARKINGS, STD, WHITE, ARROW	EA										
0710 11201	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 6"	GM										
0710 11202	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 8"	GM										
0710 11224	PAINTED PAVT. MARKINGS, STD., YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF										
0710 11241	PAINTED PAVT. MARKINGS, STD., YELLOW, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXT., 6"	GM										

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.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		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 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						
			DAYS	P	P	DAYS	P	P	P	F	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS									1		113 TOTAL CONTRACT DAYS	
0102 60	WORK ZONE SIGN	ED	25	18	450	14	18	252	702		2806			
0102 74 1	CHANNELIZING DEVICE (TYPES I,II,DI,VP,DRUM, VEH. LCD)	ED	25	35	875	14	31	434	1309		5895			
	CHANNELIZING DEVICE (ADVANCED PCMS)	ED												
0102 74 2	CHANNELIZING DEVICE (TYPE III - 6'')	ED									240			
0102 74 6	CHANNELIZING DEVICE - PEDESTRIAN LCD	ED									670			
0102 76	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	25	1	25	14	1	14	39		173			
0102 78	TEMPORARY RETROREFLECTIVE PAVEMENT MARKERS	EA			114				114		114			
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN - TEMPORARY	ED	25	5	125	14	4	56	181		565			
	ADVANCED PORTABLE CHANGEABLE MESSAGE SIGN - TEMPORARY	ED												
0710 11101	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 6"	GM			0.749				0.749		0.749			
0710 11102	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 8"	GM			0.071				0.071		0.071			
0710 11123	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 12"	LF			263				263		263			
0710 11124	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 18"	LF			340				340		340			
0710 11125	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 24"	LF			277				277		277			
0710 11131	PAINTED PAVEMENT MARKINGS, STD, WHITE, SKIP 10/30, 6"	GM			0.190				0.190		0.190			
0710 11141	PAINTED PAVT. MARKINGS, STD., WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXT., 6"	GM			0.134				0.134		0.134			
0710 11160	PAINTED PAVEMENT MARKINGS, STD, WHITE, MESSAGE OR SYMBOL	EA			7				7		7			
0710 11170	PAINTED PAVEMENT MARKINGS, STD, WHITE, ARROW	EA			11				11		11			
0710 11201	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 6"	GM			0.031				0.031		0.031			
0710 11202	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 8"	GM			0.099				0.099		0.099			
0710 11224	PAINTED PAVT. MARKINGS, STD., YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF			433				433		433			
0710 11241	PAINTED PAVT. MARKINGS, STD., YELLOW, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXT., 6"	GM			0.021				0.021		0.021			

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES				
LOCATION	SIDE	INLET PROTECTION SYSTEM		CONSTRUCTION REMARKS
STA. TO STA.		0104 18		
		EA		
		P	F	
115+74	RT.	1		
115+94	LT.	1		
116+79	LT.	1		
121+17	RT.	1		
121+18	LT.	1		
121+91	LT.	1		
124+55	LT.	1		
124+61	LT.	1		
124+77	RT.	1		
SUB-TOTAL :		9		
TOTAL :		9		

SUMMARY OF EARTHWORK					
PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0120-1	REGULAR EXCAVATION	13.4		HAND CALCULATION	
0120-6	EMBANKMENT	52.5		HAND CALCULATION	

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.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		SQ-2

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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	121+11.66 TO 121+46.31	LT.	29420	LS	0.016	1		1		0.09 AC	
		121+20.61 TO 121+45.31	RT.	29439		0.016						
		121+76.31 TO 122+10.89	LT.	34162		0.017						
		121+77.31 TO 122+10.00	RT.	29401		0.023						
		124+51.09 TO 124+70.67	LT.	34180		0.008						
		124+75.44 TO 125+00.75	RT.	29383		0.010						

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	111+69.79 TO 115+70.00		LT./RT.	29517	SY	2193.2		6480		
		116+85.00 TO 124+88.11		LT./RT.	34195		4286.6				
0334 1 22	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC B, PG 76-22, PMA)	111+69.79 TO 115+70.00		LT./RT.	34303	TN	120.63		356.4		
		116+85.00 TO 124+88.11		LT./RT.	34311		235.76				
0337 7 40	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC B, FC-9.5, PG 76-22, PMA)	111+69.79 TO 115+70.00		LT./RT.	34418	TN	120.63		356.4		
		116+85.00 TO 124+88.11		LT./RT.	34426		235.76				
0523 1	PATTERNED PAVEMENT , VEHICULAR AREAS	124+60.15 TO 124+86.00		LT./RT.	26400	SY	40.2		40		

PAY ITEM 337-7-40 INCLUDES PAVEMENT REGRADING TO FACILITATE FLOW PATTERNS.

SUMMARY OF UTILITY ADJUSTMENTS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY		TOTAL		CONSTRUCTION REMARKS
		STATION			P	F	P	F	
0425 5 1	Manhole, Adjust, Utility	114+58.00	RT.	EA	1		7		
		118+17.00	RT.		1				
		121+38.00	LT.		1				
		121+50.00	RT.		2				
		121+62.00	LT.		1				
		123+83.00	LT.		1				
0425 6	Valve Box, Adjust	121+22.00	LT.	EA	1		9		
		121+23.00	RT.		1				
		121+23.00	LT.		1				
		121+26.00	LT.		1				
		121+26.00	RT.		1				
		122+01.00	RT.		1				
		123+42.00	LT.		1				
		123+42.00	LT.		1				
		124+49.00	RT.		1				

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.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		SQ-3
					NA	HILLSBOROUGH	436013-2-58-01		

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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		
0430963 2	PVC PIPE FOR BACK OF SW, NON STANDARD DIA.	121+32.15 TO 121+32.15	LT.	LF	5.0		29		8"	
		124+68.78 TO 124+70.02	LT.		14.0				8"	
		124+60.58 TO 124+68.74	LT.		10.0				8"	

SUMMARY OF TRENCH DRAIN					
LOCATION	SIDE	TRENCH DRAIN		DESIGN NOTES	CONSTRUCTION REMARKS
		0436 1 1			
STA. TO STA.		12" (LF)			
		P	F		
121+32.15 TO 121+32.15	LT.	10.0		TYPE II	
124+60.58 TO 124+68.74	LT.	9.0		TYPE II	
124+68.78 TO 124+70.02	LT.	7.0		TYPE II	
SUB-TOTAL :		26.0			
TOTAL :		26			

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.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		SQ-4

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SUMMARY OF SIDEWALK & DETECTABLE WARNINGS								
LOCATION	SIDE	AREA ID	CONC SIDEWALK 4"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
			0522 1		0527 2			
SY			SF					
STA. TO STA.			P	F	P	F		
121+20.61 to 121+44.65	RT	35707	68.2					
121+31.36 to 121+45.65	LT	35677	25.6					
121+76.98 to 122+10.89	LT	35691	34.3					
121+77.98 to 122+10.00	RT	35723	69.2					
121+11.66 to 121+31.15	LT	31292	29.9					
121+25.94 to 121+36.15	LT	31445	4.7				CHANNEL	
124+51.09 to 124+68.70	LT	31430	33.9					
124+75.44 to 125+00.13	RT	31411	42.1					
124+76.66 to 124+80.03	RT	32483	0.7				CHANNEL	
121+33.84 to 121+37.84	LT	12046			8.0			
121+33.84 to 121+37.84	RT	12045			8.0			
121+42.65 to 121+44.65	RT	12043			8.0			
121+43.65 to 121+45.65	LT	12041			8.0			
121+76.98 to 121+78.98	LT	12042			8.0			
121+77.98 to 121+79.98	RT	12044			8.0			
124+61.58 to 124+66.05	LT	12058			8.0			
124+61.79 to 124+65.22	LT	12054			8.0			
124+79.85 to 124+84.32	RT	12068			8.0			
124+93.51 to 124+98.12	RT	17208			14.0			
SUB-TOTAL:			308.6		86.0			
TOTAL:			309		86			

PAY ITEM
NOTE
0522 1

INCLUDES ALL WORK FOR REGRADING / RESETTING OF BRICK.
INCLUDES ALL WORK AND MATERIALS FOR OPEN CHANNELS AND GRATING.

SUMMARY OF PERFORMANCE TURF						
LOCATION	SIDE	AREA ID	PERFORMANCE TURF (SOD)		CONSTRUCTION REMARKS	
			0570	1 2		
STA. TO STA.			SY			
P			F			
121+26.67 to 121+33.34			RT	35754		6.5
121+28.98 to 121+33.34	LT	35733	4.1			
121+77.50 to 122+09.33	LT	35743	37.4			
121+77.98 to 122+09.33	RT	35762	33.7			
121+21.22 to 121+30.48	LT	34111	3.9			
121+33.82 to 121+45.65	LT	31595	4.3			
121+77.15 to 121+91.64	LT	31614	3.9			
SUB-TOTAL:			93.8			
TOTAL:			94			

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.
DATE	DESCRIPTION		DATE		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		SQ-6

TABULATION OF QUANTITIES																									
PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL						
			18		19		20																		
			PLAN	FINAL	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	37		50		27										114								
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 12"	LF					263										263								
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 18"	LF	92		150		98										340								
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 24"	LF	52		50												102								
*	PAINTED PAVEMENT MARKINGS, STD., WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXT., 6"	GM	0.058		0.055		0.021										0.134								
*	PAINTED PAVEMENT MARKINGS, MESSAGE OR SYMBOL	EA	1		3		3										7								
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, ARROW	EA	3		5		3										11								
*	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	73		168		192										433								
*	PAINTED PAVEMENT MARKINGS, STD., YELLOW, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXT., 6"	GM	0.021														0.021								
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 6"	GM	0.228		0.323		0.198										0.749								
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 8"	GM	0.022		0.027		0.022										0.071								
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SKIP 10/30, 6"	GM	0.061		0.068		0.061										0.190								
*	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 6"	GM	0.024		0.003		0.004										0.031								
*	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 8"	GM	0.020		0.039		0.040										0.099								
0711 11123	THERMOPLASTIC, WHITE, SOLID FOR CROSSWALKS & ROUNDABOUTS, 12"	LF					263										263		263						
0711 11124	THERMOPLASTIC, WHITE, SOLID FOR DIAGONALS AND CHEVRONS, 18"	LF	92		150		98										340		340						
0711 11125	THERMOPLASTIC, WHITE, SOLID FOR STOP BARS, 24"	LF	52		50												102		102						
0711 11141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDE LINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.058		0.055		0.021										0.134		0.134						
0711 11170	THERMOPLASTIC, ARROWS	EA															4		4						
	THERMOPLASTIC, ARROWS, RIGHT	EA			2																				
	THERMOPLASTIC, ARROWS, LEFT	EA	2																						
0711 11224	THERMOPLASTIC, YELLOW, SOLID FOR DIAGONALS AND CHEVRONS, 18"	LF	73		168		192										433		433						
0711 11241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.021														0.021		0.021						
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24"	LF					175										175		175						
0711 14160	THERMOPLASTIC, PREFORMED, MESSAGE, BIKE SYMBOL	EA	1		3		3										7		7						
0711 14170	THERMOPLASTIC, PREFORMED, ARROWS (BIKE THRU ARROW)	EA	1		3		3										7		7						
0711 16101	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SOLID, 6"	GM	0.228		0.323		0.198										0.749		0.749						
0711 16102	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SOLID, 8"	GM	0.022		0.027		0.022										0.071		0.071						
0711 16131	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SKIP/DOTTED, 6" 10/30 SKIP	GM	0.061		0.068		0.061										0.190		0.190						
0711 16201	THERMOPLASTIC, STD - OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.024		0.003		0.004										0.031		0.031						
0711 16202	THERMOPLASTIC, STD - OTHER SURFACES, YELLOW, SOLID, 8"	GM	0.020		0.039		0.040										0.099		0.099						
0711 17	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	SF	186		123		140										449		449						
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.					
DATE	DESCRIPTION		DATE	DESCRIPTION																		ROAD NO.		COUNTY	
																				NA		HILLSBOROUGH		436013-2-58-01	

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TABULATION OF QUANTITIES

[illegible]

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.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		6

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TABULATION OF QUANTITIES

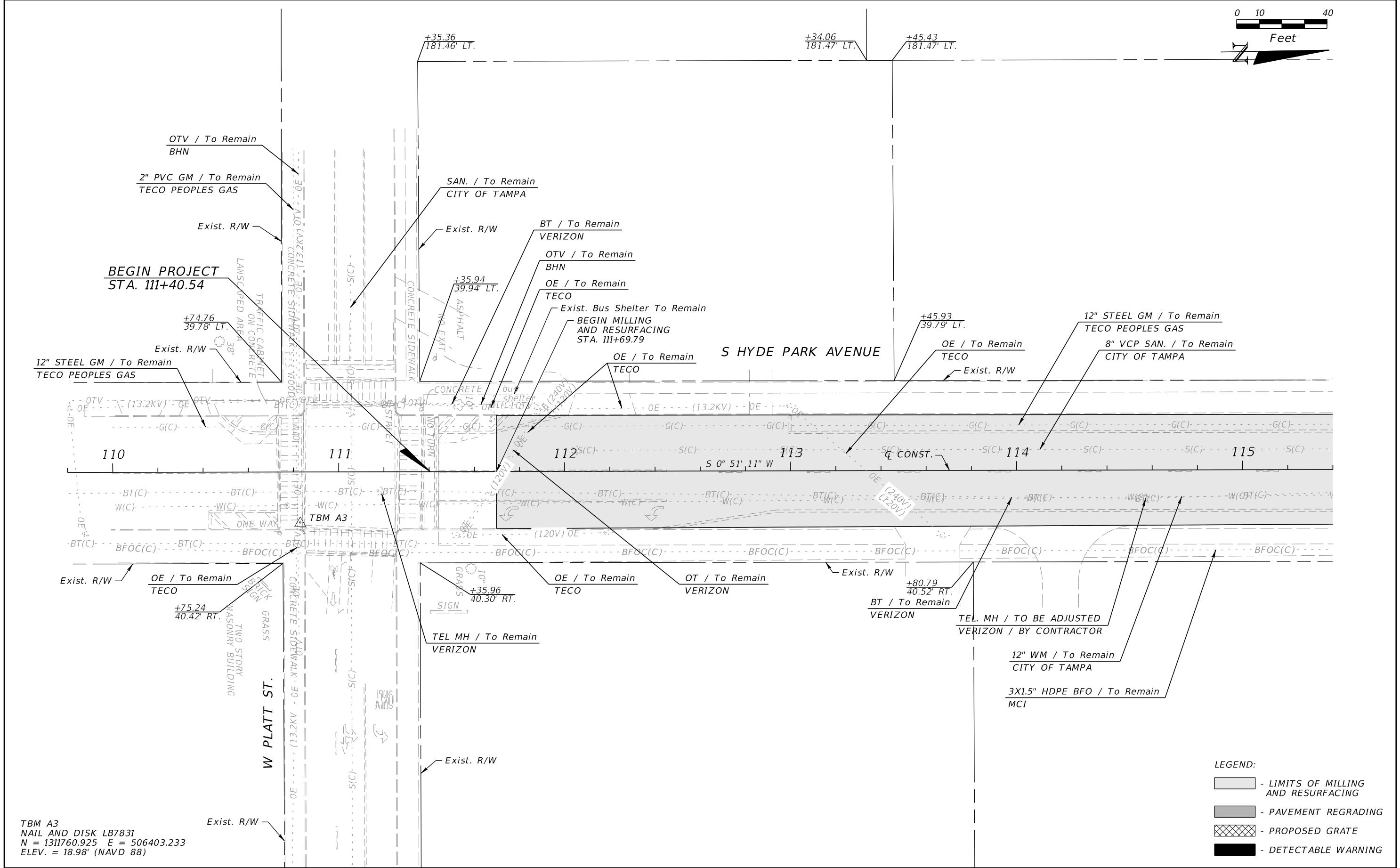
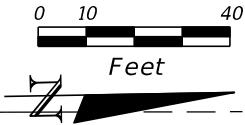
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REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			TABULATION OF QUANTITIES SIGNALIZATION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		

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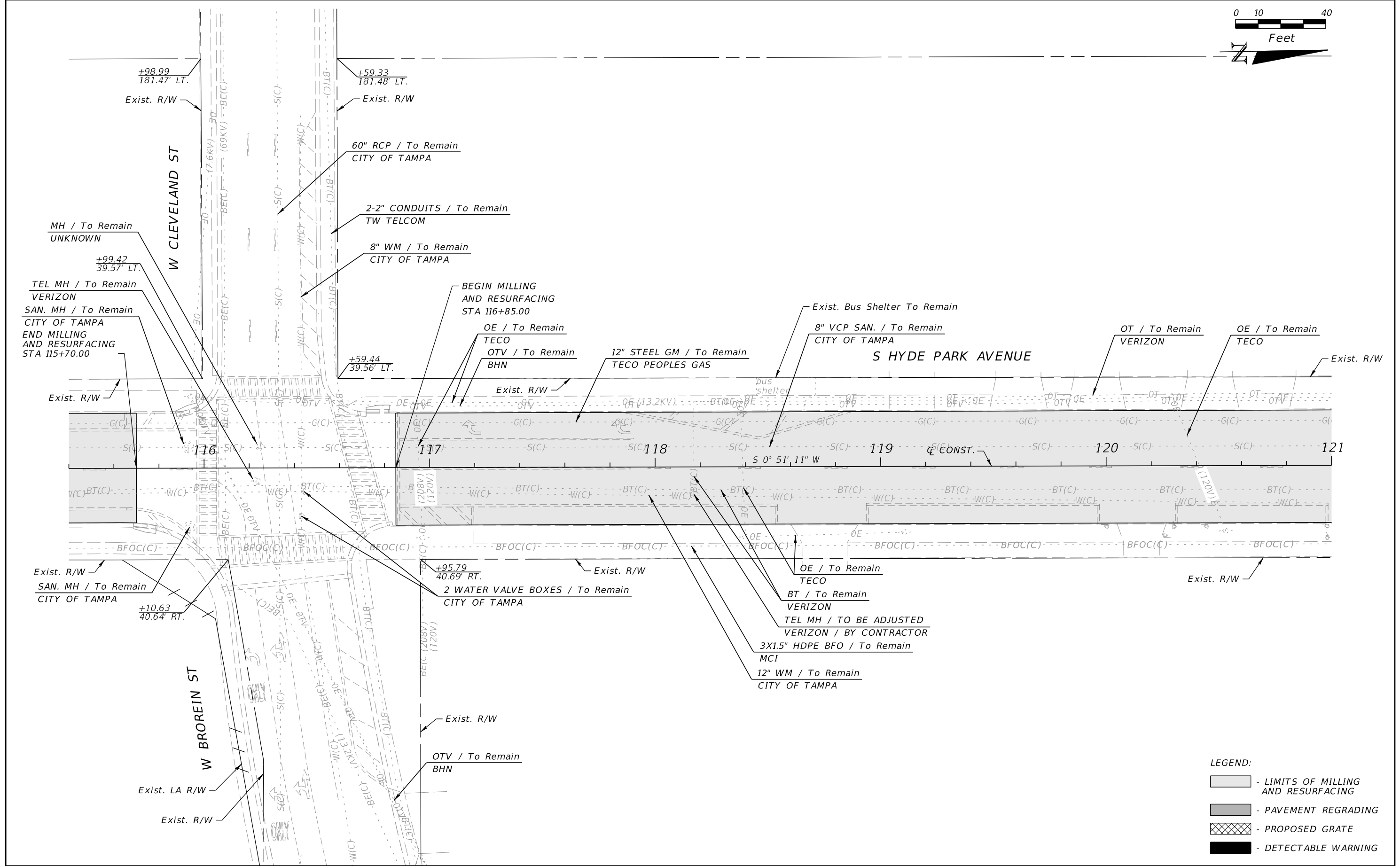
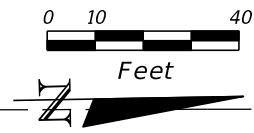
PROJECT NOTES				UTILITY ADJUSTMENT NOTES							
<div>1. THE PURPOSE OF THIS PROJECT IS TO CONSTRUCT PEDESTRIAN AND BICYCLE IMPROVEMENTS ALONG HYDE PARK AVE. BETWEEN PLATT ST. AND KENNEDY BLVD. THE IMPROVEMENTS WILL INCLUDE PEDESTRIAN RAMP BULB-OUTS, BIKE LANES, AND HIGH EMPHASIS PAVEMENT MARKINGS. RETROREFLECTIVE 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.</div> <div>2. CITY OF TAMPA STANDARD DRAWINGS ARE AVAILABLE AT THE CITY MUNICIPAL OFFICE BUILDING, 306 E. JACKSON STREET, 5TH FLOOR, NORTH WING.</div> <div>3. BENCHMARK ELEVATIONS SHOWN ON THE PLANS DEPICT THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).</div> <div>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</div> <div>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.</div> <div>6. ALL CURB RADII, P.I., P.C., AND P.T. REFER TO THE EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.</div> <div>7. ALL RCP'S SHALL BE CONSTRUCTED WITHOUT LIFT-HOLES AND SHALL BE CLASS III UNLESS NOTED OTHERWISE IN THE PLANS.</div> <div>8. EXISTING SIDEWALK WITHIN THE ROADWAY R/W SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.</div> <div>9. EXISTING DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.</div> <div>10. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO REMAIN UNLESS OTHERWISE SHOWN IN THE PLANS.</div> <div>11. ALL TREES LOCATED WITHIN THE LIMITS OF CONSTRUCTION ARE TO REMAIN UNLESS OTHERWISE INDICATED IN THE PLANS.</div> <div>12. THE COST OF SAW-CUTTING SHALL BE INCIDENTAL TO THE WORK BEING PERFORMED.</div> <div>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.</div> <div>14. ALL EXISTING SIDEWALK AND CURB TO BE REMOVED SHALL BE REMOVED TO THE NEAREST JOINT AND REPLACED AS NOTED IN THE PLANS.</div> <div>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.</div> <div>16. CLEARING & GRUBBING IS NEEDED ONLY AT LOCATIONS OF PROPOSED PEDESTRIAN BULB-OUTS.</div> <div>17. EXISTING GRASSED AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE SODDED, NOT SEEDED OR MULCHED.</div> <div>18. THE VOLTAGE OF THE OVERHEAD ELECTRIC LINES IS SHOWN IN THE ROADWAY PLANS.</div> <div>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.</div>				<div>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.</div> <div>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.</div> <div>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.</div> <div>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.</div> <div>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.)</div>				<div>UTILITY OWNERS: BRIGHT HOUSE NETWORKS (BHN) RANDY LYLE 813-684-6100, EXT. 32143 4145 S FALKENBURG RD RIVERVIEW, FL 33578</div> <div>CITY OF TAMPA SEWER JACK FERRAS 813-274-8095 306 E. JACKSON ST. TAMPA, FL 33602</div> <div>CITY OF TAMPA TRANSPORTATION VIK BHIDE 813-274-8105 1104 E. TWIGGS SUITE 200 TAMPA, FL 33602</div> <div>CITY OF TAMPA WATER JANICE DAVIS 813-274-7096 306 E. JACKSON ST. MC:400-A5E TAMPA, FL 33602</div> <div>FIBERLIGHT, LLC. TIM GREEN 813-877-7183 4023 N. ARMENIA AVE. SUITE 200 TAMPA, FL 33602</div> <div>MCI VERIZON FLORIDA, INC 972-729-6322 1909 US HIGHWAY 301 N BLDG D TAMPA, FL 33619</div> <div>LEVEL 3 COMMUNICATIONS, LLC. (LEVEL 3) NETWORK RELATIONS 877-366-8344, EXT. 2 1025 ELDORADO BLVD. BROOMFIELD, CO 80021</div> <div>TAMPA ELECTRIC COMPANY (TECO) & TECO FIBER OPTIC RONNIE ALEXANDER 813-275-3037 P.O. BOX 111 TAMPA, FL 33601</div> <div>TECO PEOPLES GAS - TAMPA LUIS CASTELLANO 813-275-3743 1400 CHANNELSIDE DR. TAMPA, FL 33605</div> <div>TW TELECOM - TAMPA JAMES MCVEIGH 813-316-7763 3030 N ROCKY POINT DR W, STE 850 TAMPA, FL 33607</div> <div>VERIZON FLORIDA, INC. (VERIZON) DAVID WYNN'S 813-627-8343 7701 E. TELECOM PKWY TEMPLE TERRACE, FL 33637</div> <div>XO COMMUNICATIONS (XO) JEFF SBROCCO 813-301-4047 5904-A HAMPTON OAKS PARKWAY TAMPA, FL 33610</div>			
REVISIONS				CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			PROJECT NOTES	SHEET NO.			
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID					
			ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	NA	HILLSBOROUGH	436013-2-58-01		9			

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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			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		10

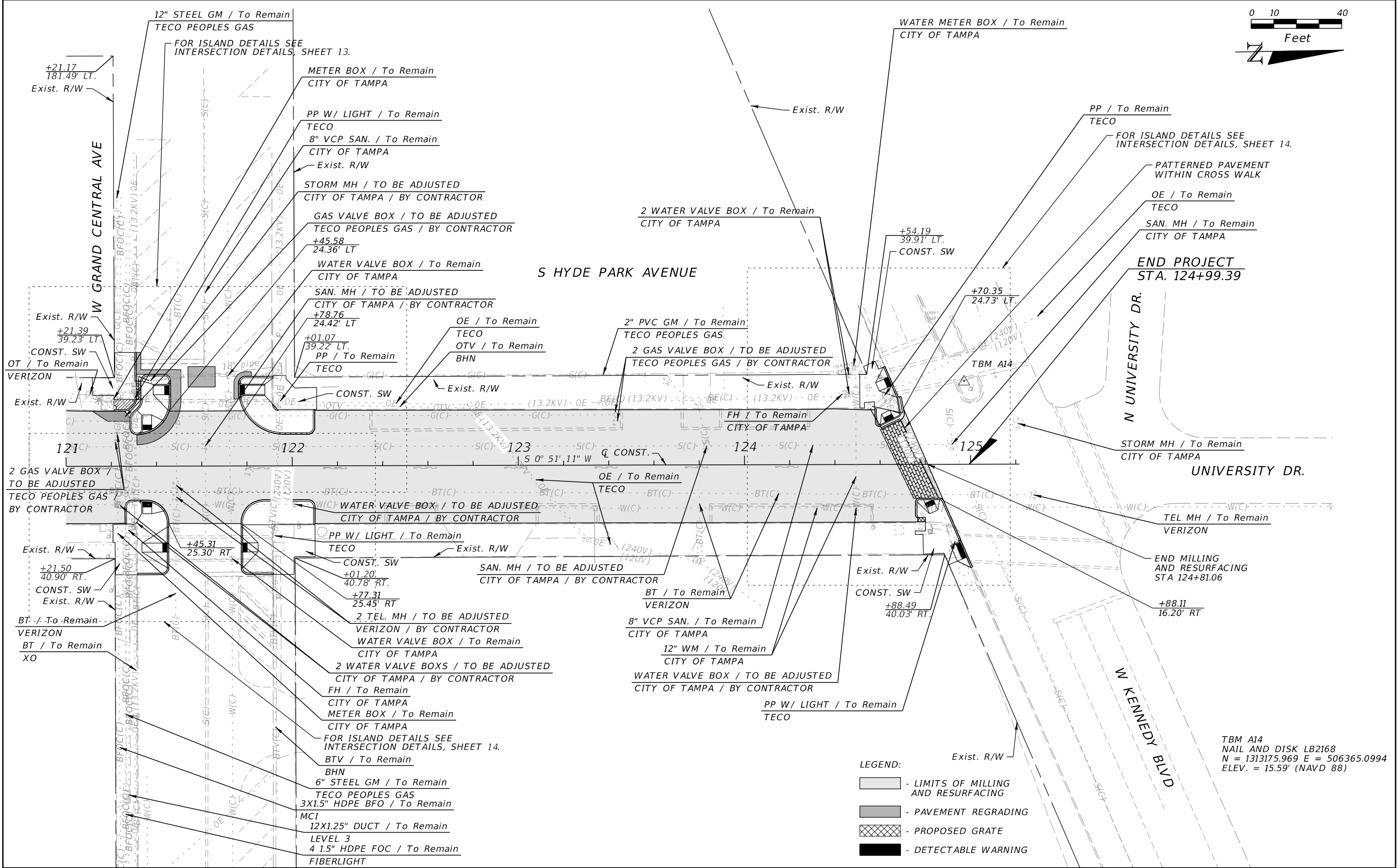
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- LEGEND:
- LIMITS OF MILLING AND RESURFACING
 - PAVEMENT REGRADING
 - PROPOSED GRATE
 - DETECTABLE WARNING

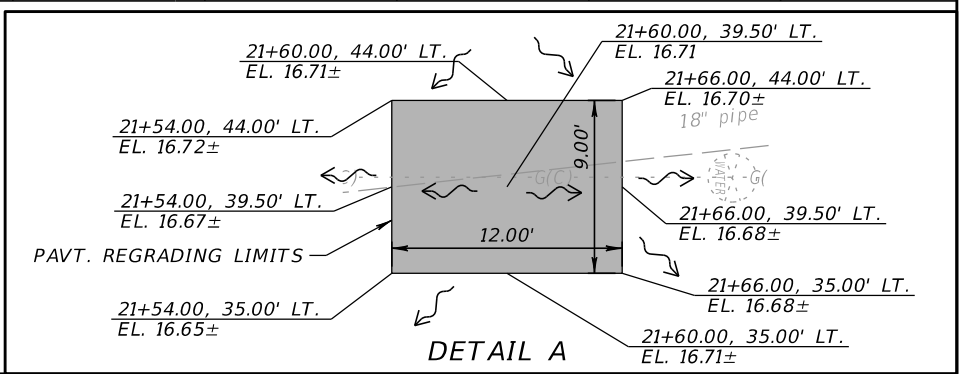
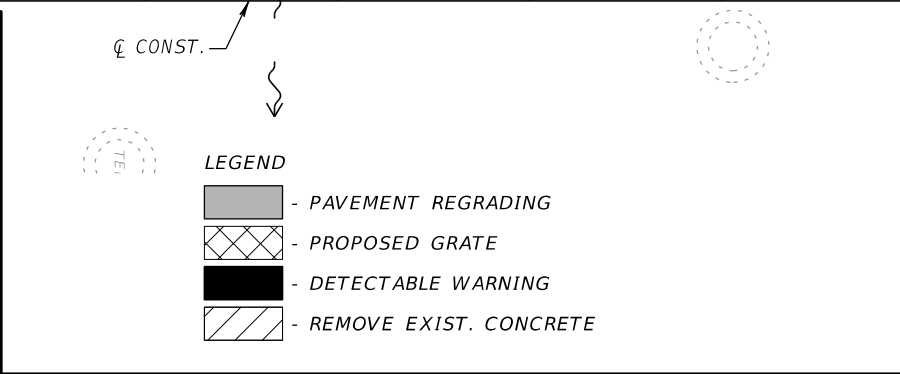
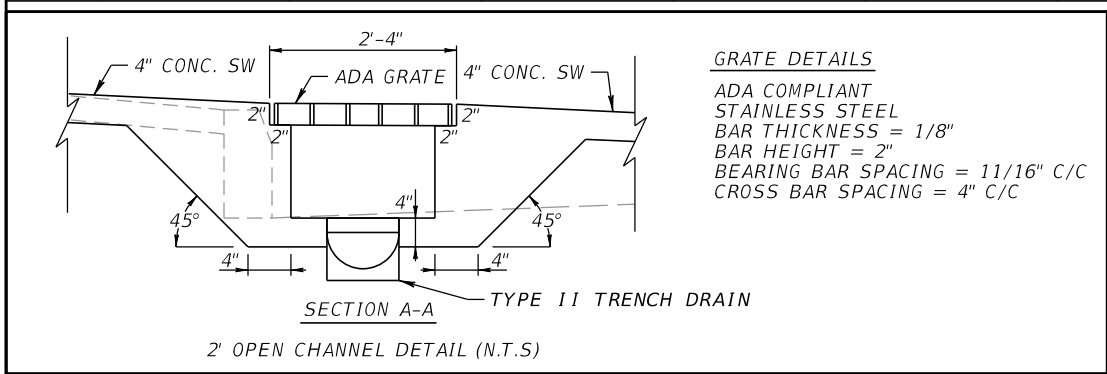
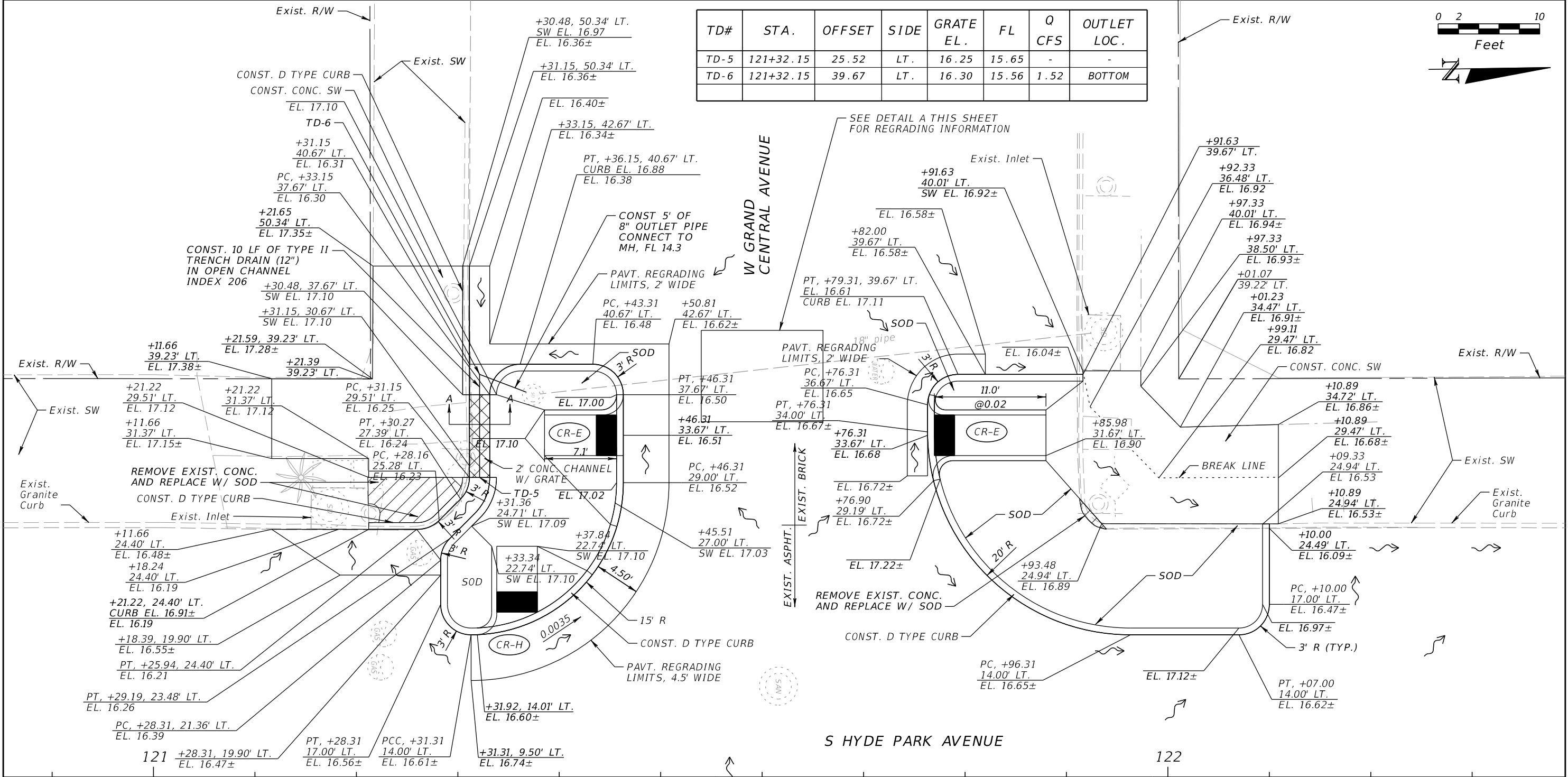
REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		11

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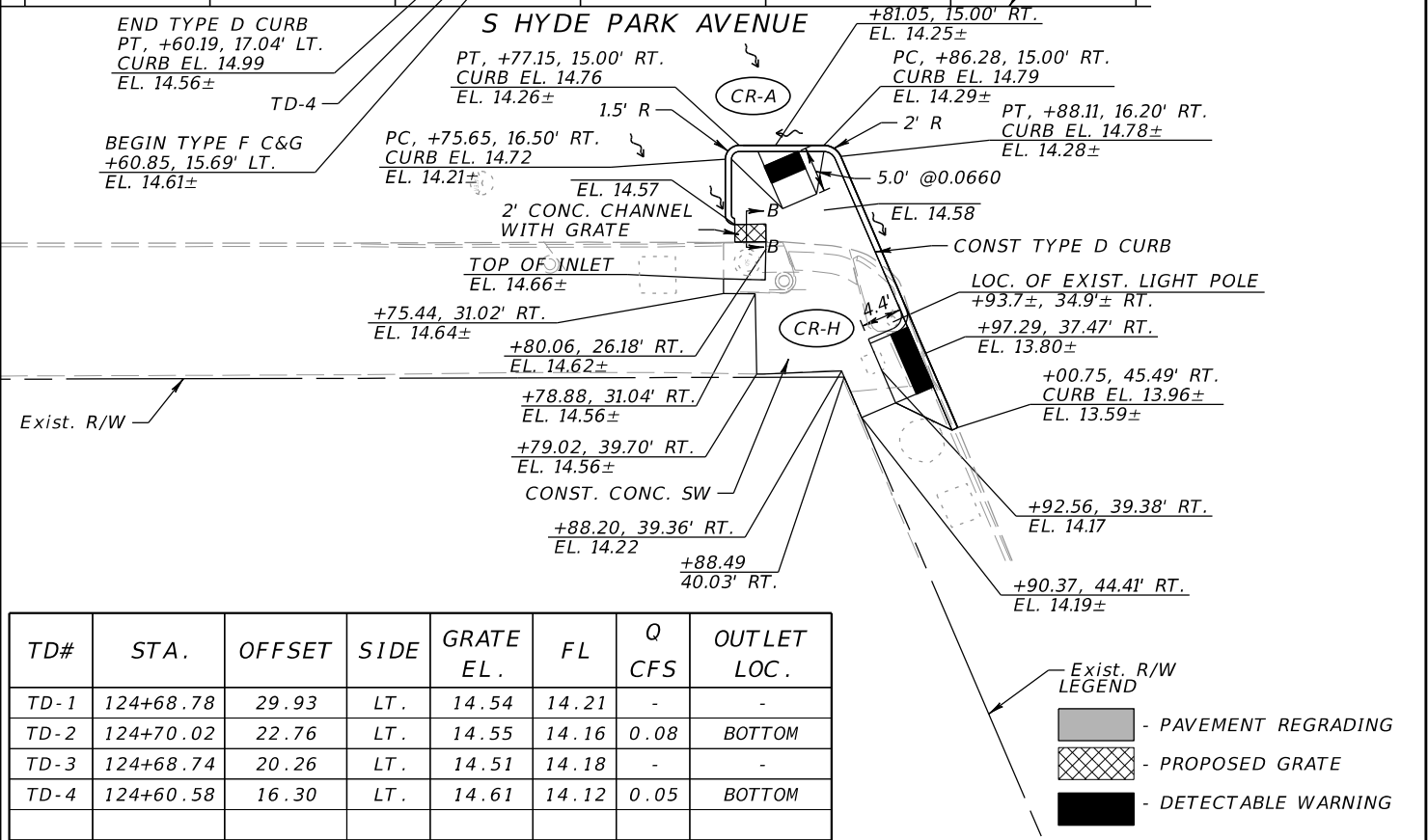
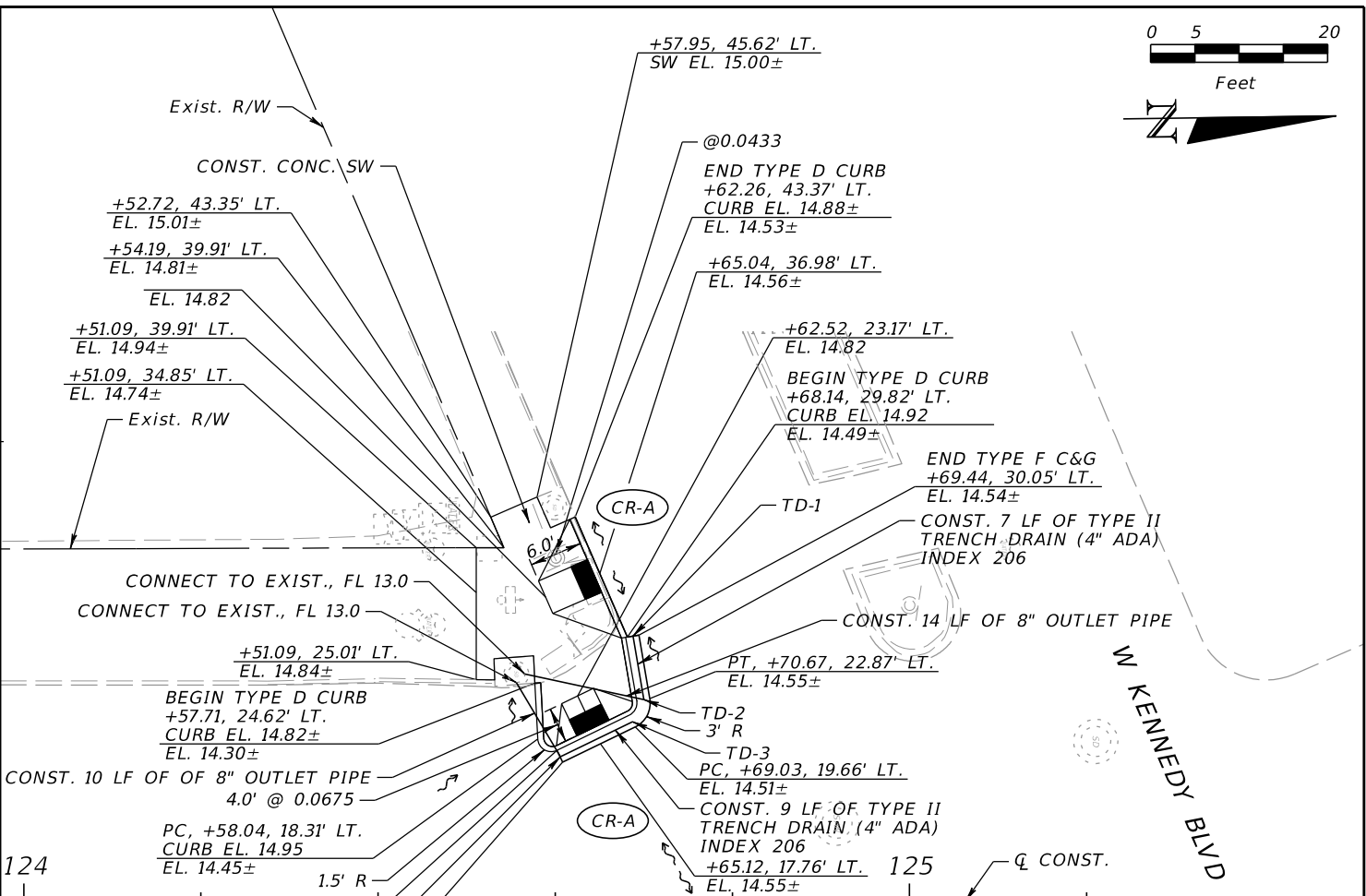
REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			ROADWAY PLAN	SHEET NO. 12
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		

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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			INTERSECTION DETAILS	SHEET NO. 13
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		

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<i>TD#</i>	<i>STA.</i>	<i>OFFSET</i>	<i>SIDE</i>	<i>GRATE EL.</i>	<i>FL</i>	<i>Q CFS</i>	<i>OUTLET LOC.</i>
<i>TD-1</i>	<i>124+68.78</i>	<i>29.93</i>	<i>LT.</i>	<i>14.54</i>	<i>14.21</i>	<i>-</i>	<i>-</i>
<i>TD-2</i>	<i>124+70.02</i>	<i>22.76</i>	<i>LT.</i>	<i>14.55</i>	<i>14.16</i>	<i>0.08</i>	<i>BOTTOM</i>
<i>TD-3</i>	<i>124+68.74</i>	<i>20.26</i>	<i>LT.</i>	<i>14.51</i>	<i>14.18</i>	<i>-</i>	<i>-</i>
<i>TD-4</i>	<i>124+60.58</i>	<i>16.30</i>	<i>LT.</i>	<i>14.61</i>	<i>14.12</i>	<i>0.05</i>	<i>BOTTOM</i>

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			<i>INTERSECTION DETAILS</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		14

TEMPORARY TRAFFIC CONTROL GENERAL NOTES
=====

1. THE EXISTING POSTED SPEED (30 AND 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 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:

WESTBOUND KENNEDY BOULEVARD (SR 60) 170 FEET EAST OF SOUTH PARKER STREET
EASTBOUND KENNEDY BOULEVARD (SR 60) BETWEEN SOUTH FIELDING AVENUE & NORTH BREVARD STREET
AND
WESTBOUND BROREIN STREET EAST OF PARKER STREET

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

MESSAGE 1:

HYDE

PARK_AV

CONST

MESSAGE 2:

CONST

BEGINS

XXXXXXXX

(DAY OF WEEK)

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

MESSAGE 1:

HYDE

PARK_AV

CONST

MESSAGE 2:

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:

LANE

CLOSED

AHEAD

MESSAGE 2:

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 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 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, IN MEDIAN OF KENNEDY BOULEVARD AT PLANT AVENUE FOR WESTBOUND TRAFFIC, AND IN THE MEDIAN OF KENNEDY BOULEVARD 200 FEET EAST OF POE PARKWAY FOR EASTBOUND TRAFFIC.
10. ADVANCE SIGNAGE FOR THE PROJECT SHALL CONSTITUTE THE FOLLOWING SIGNS AT THE FOLLOWING LOCATIONS:

ROAD WORK AHEAD (W20-1F) SIGNS PLACED:
FOR WESTBOUND TRAFFIC ON KENNEDY BLVD. (SR 60) EAST OF PLANT AVENUE,
FOR EASTBOUND TRAFFIC ON KENNEDY BLVD. (SR 60) EAST OF FIELDING AVENUE,
FOR EASTBOUND TRAFFIC ON WEST PLATT STREET WEST OF HYDE PARK AVENUE,
FOR WESTBOUND TRAFFIC ON WEST BROREIN STREET EAST OF HYDE PARK AVENUE,
FOR WESTBOUND TRAFFIC ON GRAND CENTRAL BOULEVARD EAST OF HYDE PARK AVENUE,
FOR EASTBOUND TRAFFIC ON GRAND CENTRAL BOULEVARD WEST OF HYDE PARK AVENUE.

END ROAD WORK (G20-2) SIGNS PLACED:
FOR WESTBOUND TRAFFIC ON KENNEDY BLVD. (SR 60) WEST OF HYDE PARK AVENUE,
FOR EASTBOUND TRAFFIC ON KENNEDY BLVD. (SR 60) EAST OF HYDE PARK AVENUE,
FOR EASTBOUND TRAFFIC ON WEST PLATT STREET EAST OF HYDE PARK AVENUE,
FOR WESTBOUND TRAFFIC ON WEST BROREIN STREET WEST OF HYDE PARK AVENUE,
FOR EASTBOUND TRAFFIC ON GRAND CENTRAL BOULEVARD EAST OF HYDE PARK AVENUE,
FOR WESTBOUND TRAFFIC ON GRAND CENTRAL BOULEVARD WEST OF HYDE PARK AVENUE, AND
FOR SOUTHBOUND TRAFFIC ON HYDE PARK AVENUE SOUTH OF PLATT STREET.

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, RAMPELLO K-8 MAGNET SCHOOL, TAMPA PREPARATORY 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.

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			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		15
					NA	HILLSBOROUGH	436013-2-58-01		

TEMPORARY TRAFFIC CONTROL PHASING NOTES
=====

PHASE I

PLACE ADVANCE NOTIFICATION PCMS SIGNS SEVEN (7) DAYS IN ADVANCE. PLACE ADVANCE SIGNAGE ON EASTBOUND AND WESTBOUND KENNEDY BOULEVARD (SR 60), EASTBOUND AND WESTBOUND GRAND CENTRAL AVENUE, WESTBOUND BROREIN AVENUE, AND EASTBOUND PLATT STREET.

UNDER LANE CLOSURES AS NECESSARY, USING INDICES 612, 613, 616, & 660, CONSTRUCT PEDESTRIAN BULB-OUTS AND SIGNAL WORK AT INTERSECTION OF KENNEDY BOULEVARD AND SOUTH HYDE PARK AVENUE.

PHASE II

UNDER LANE CLOSURES AS NECESSARY, USING INDICES 612, 613, 616, & 660, CONSTRUCT PEDESTRIAN BULB-OUTS AT INTERSECTION OF GRAND CENTRAL AVENUE AND SOUTH HYDE PARK AVENUE.

PHASE III

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

PHASE IV

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

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					NA	HILLSBOROUGH	436013-2-58-01	16	

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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 24" LONGITUDINAL STRIPES IN THE SPECIAL EMPHASIS CROSSWALK MARKINGS SHALL BE PREFORMED MARKING MATERIALS.
7. THE CONTRACTOR SHALL GIVE A MINIMUM OF TWO WEEKS NOTICE TO THE CITY OF TAMPA PARKING DEPARTMENT IN ORDER FOR THE CITY OF TAMPA PARKING DEPARTMENT'S CONTRACTOR TO OBTAIN THE NECESSARY MATERIALS FOR HIM TO RELOCATE THE EXISTING, NUMBERED, METAL PARKING POSTS TO THEIR NEW LOCATIONS, COINCIDING WITH THE END OF EACH NEWLY DELINEATED PARKING SPOT.

CHARLES DUMMETT, CITY OF TAMPA PARKING MANAGER
813-274-8482
Charles.Dummett@tampagov.net

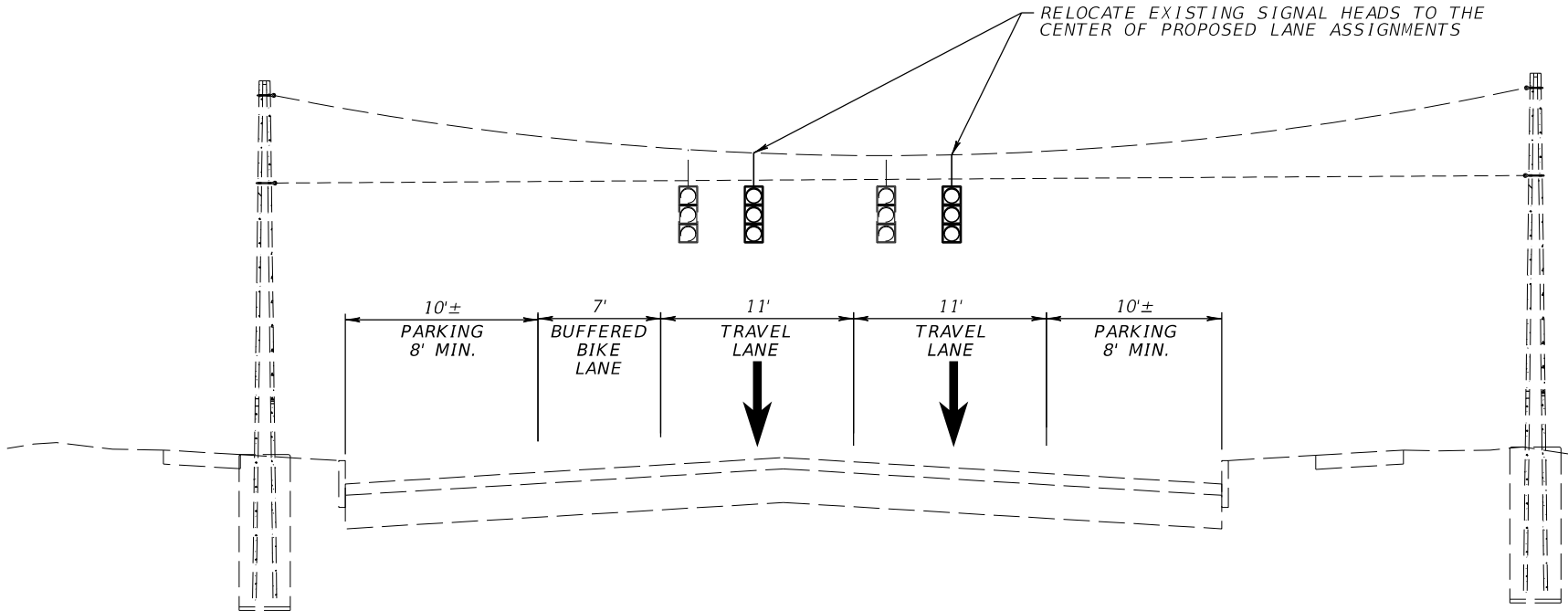
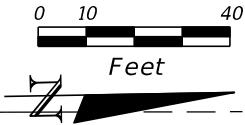


FIGURE 1: PROPOSED LOCATION OF SIGNAL HEADS

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			SIGNING AND PAVEMENT MARKINGS PROJECT NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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BEGIN PROJECT
BEGIN PAVEMENT MARKING
STA. 111+40.54

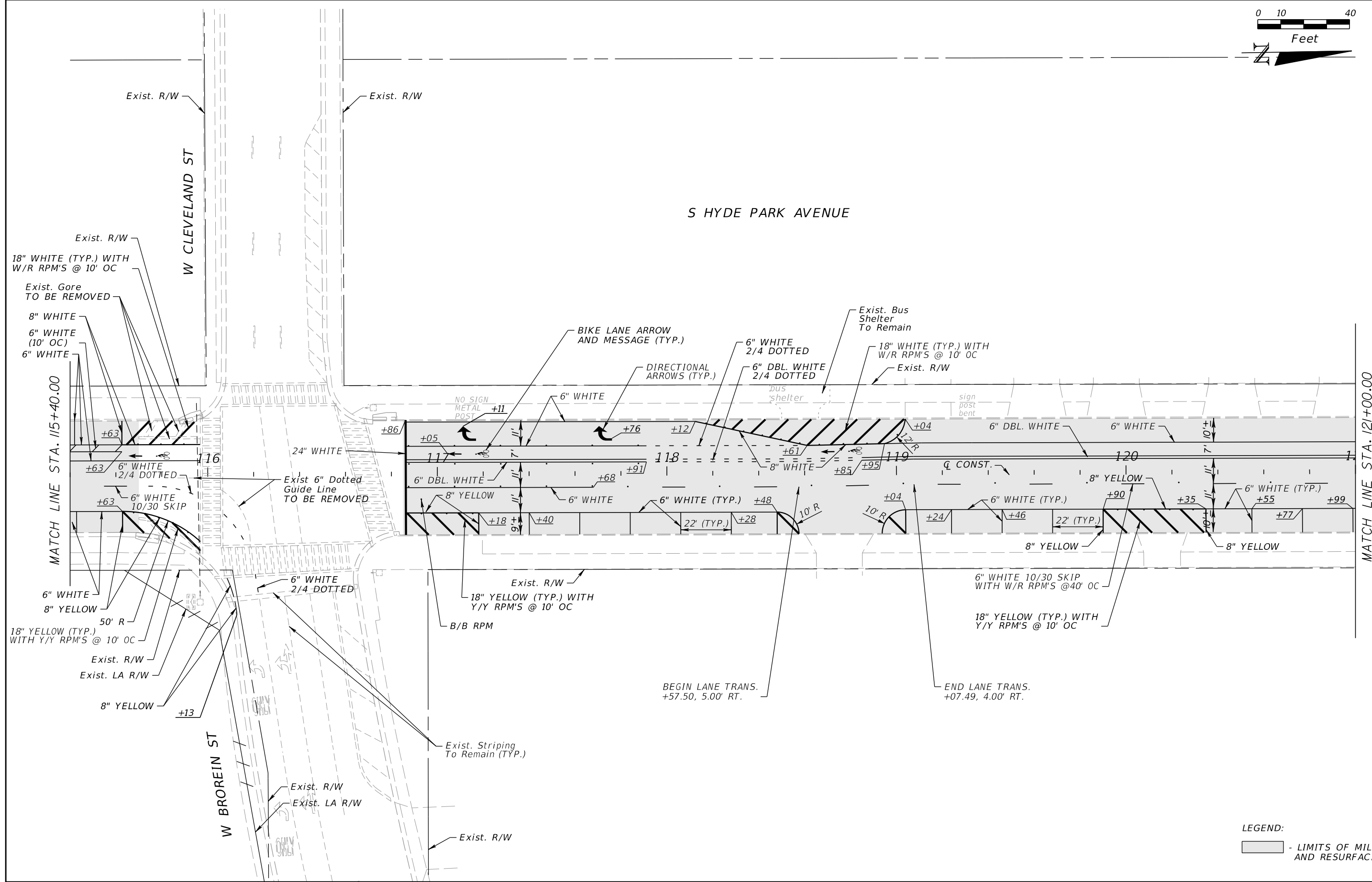
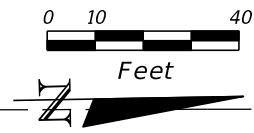
S HYDE PARK AVENUE

MATCH LINE STA. 115+40.00

LEGEND:
- LIMITS OF MILLING
AND RESURFACING

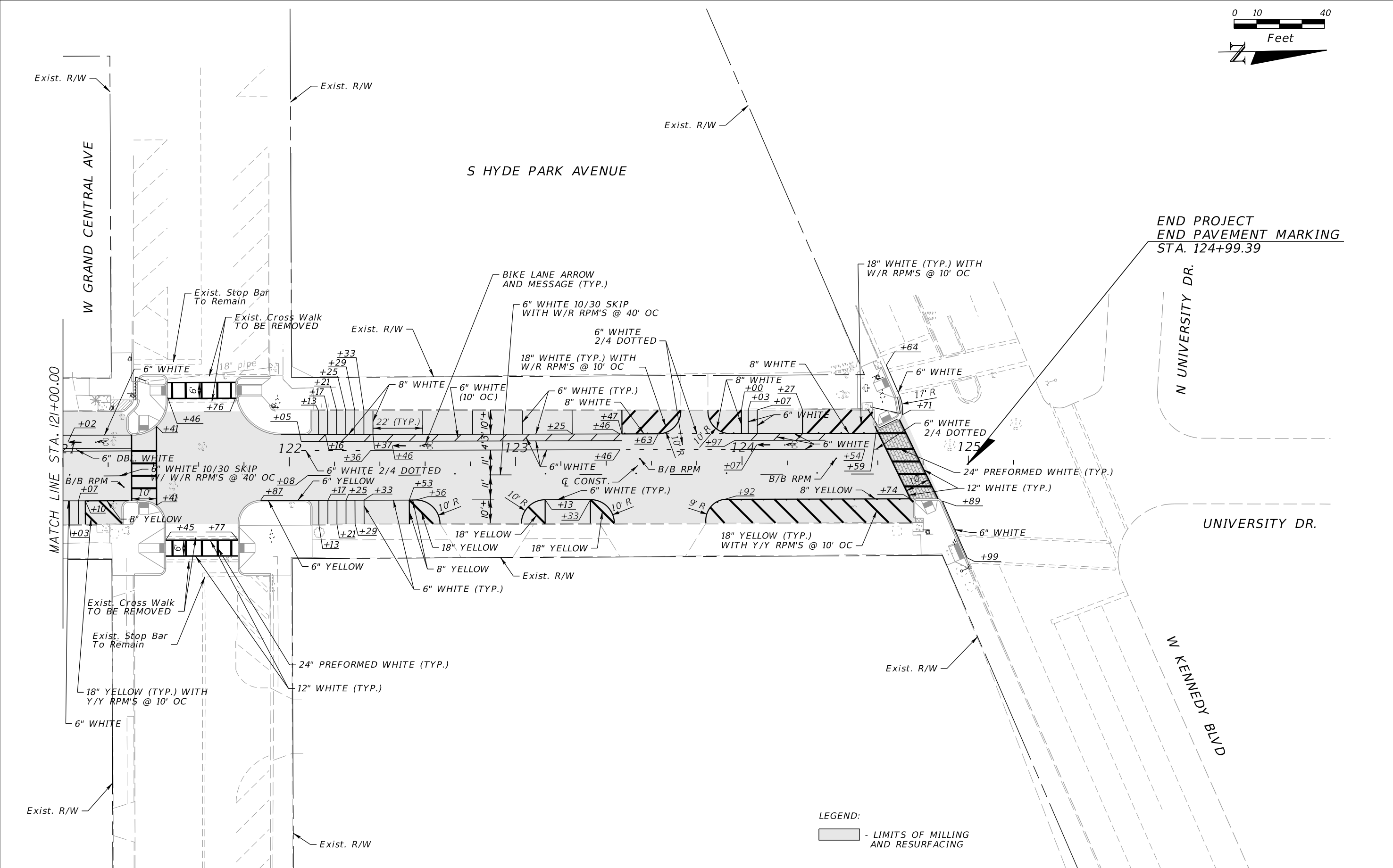
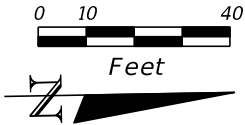
REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		18

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



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			PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		19

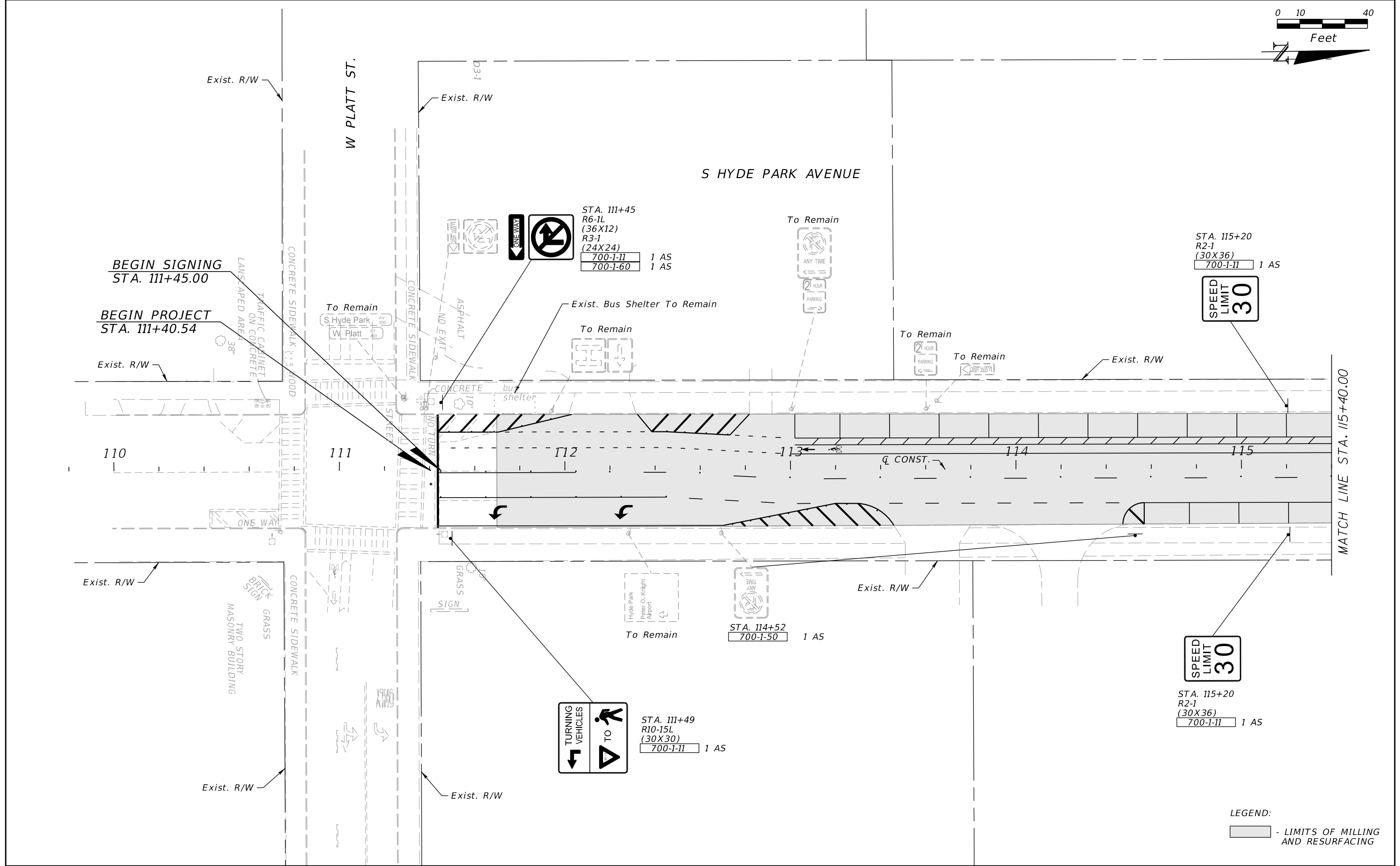
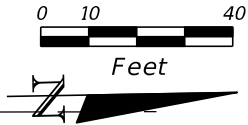
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND:
- LIMITS OF MILLING AND RESURFACING

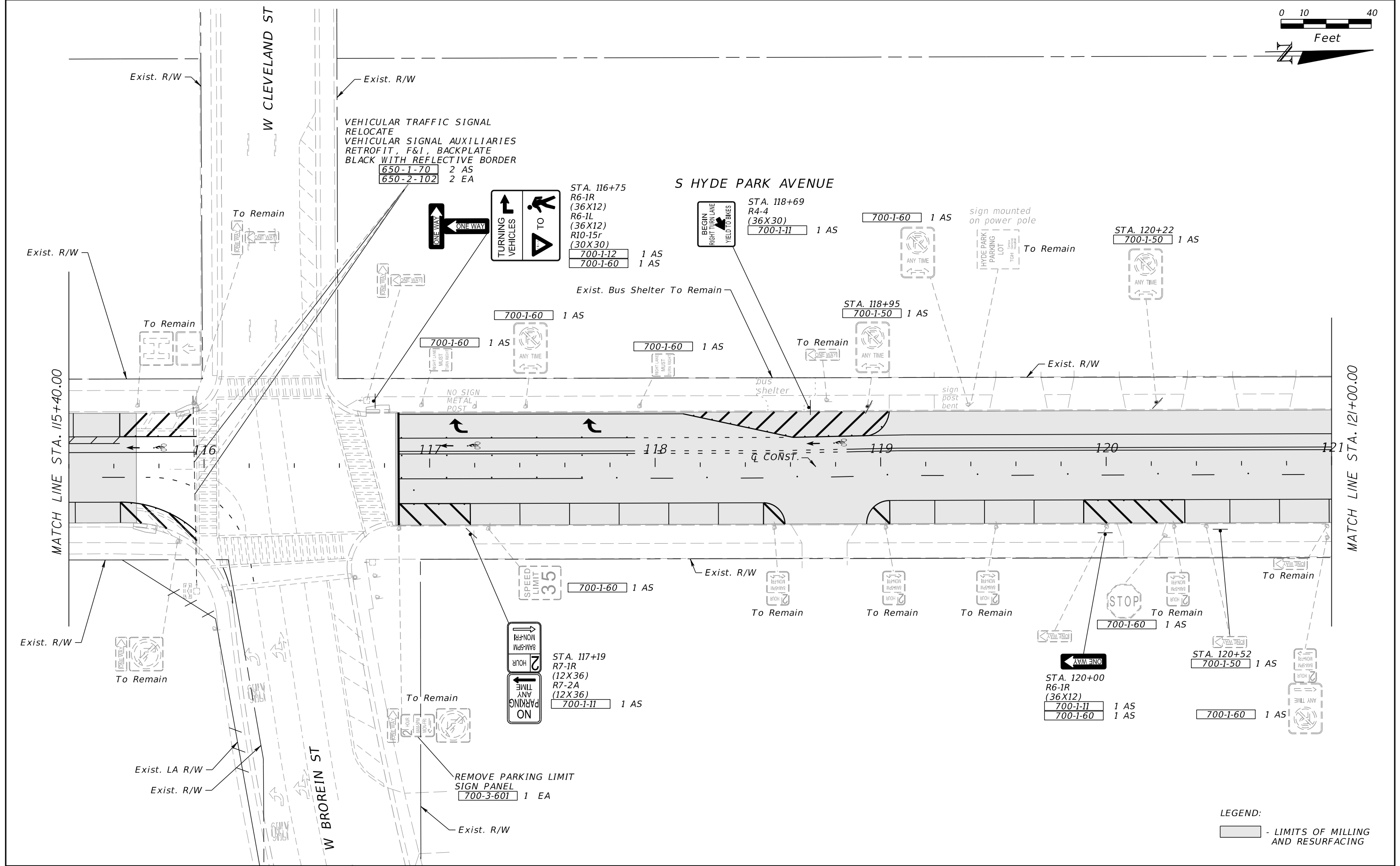
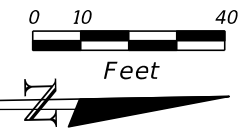
REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01	20	

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



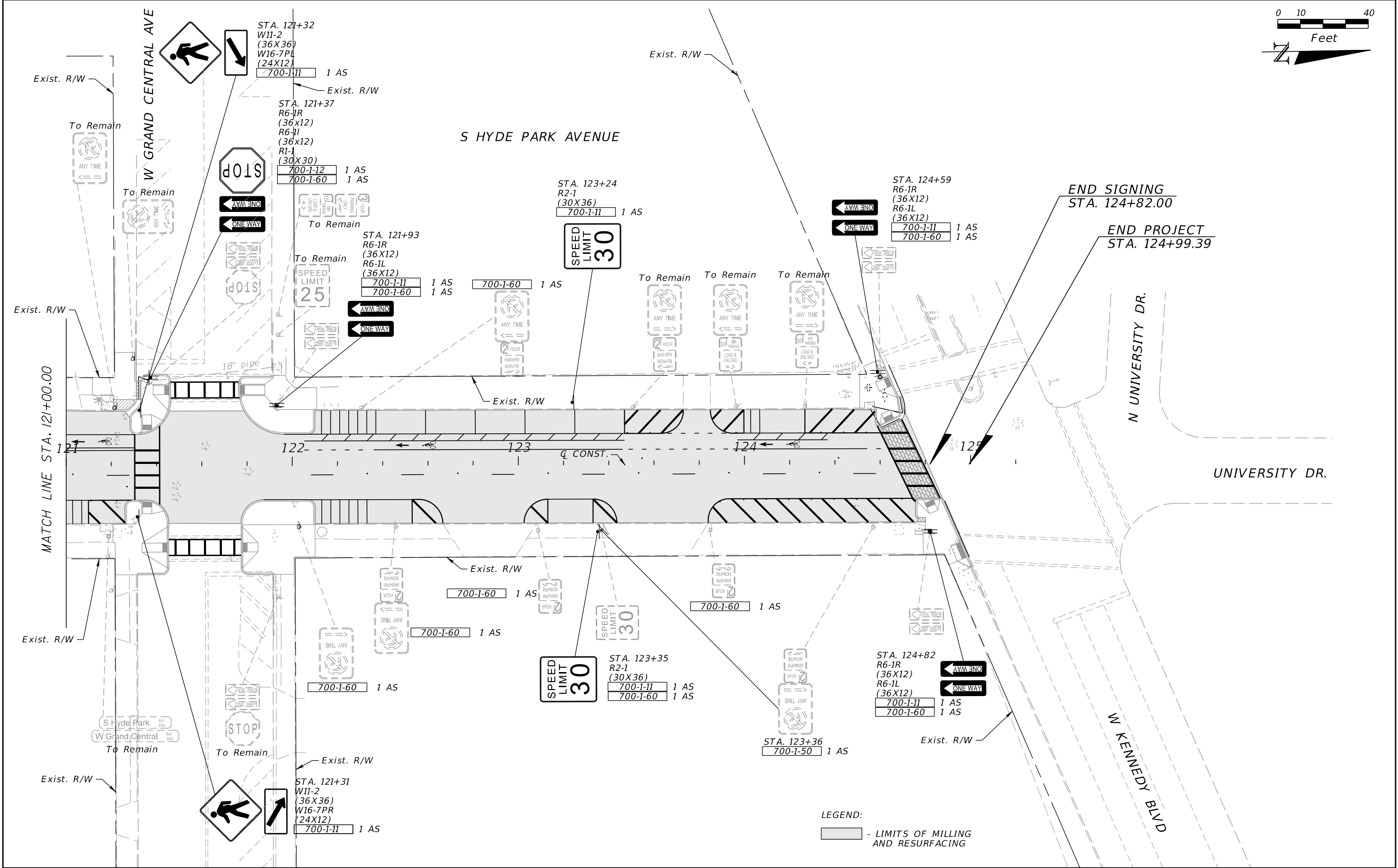
REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			SIGNING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		21

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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			SIGNING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		22

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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			SHEET NO. 23
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					NA	HILLSBOROUGH	436013-2-58-01	

SIGNING PLAN

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

SIGNAL DISPLAY DETAILS



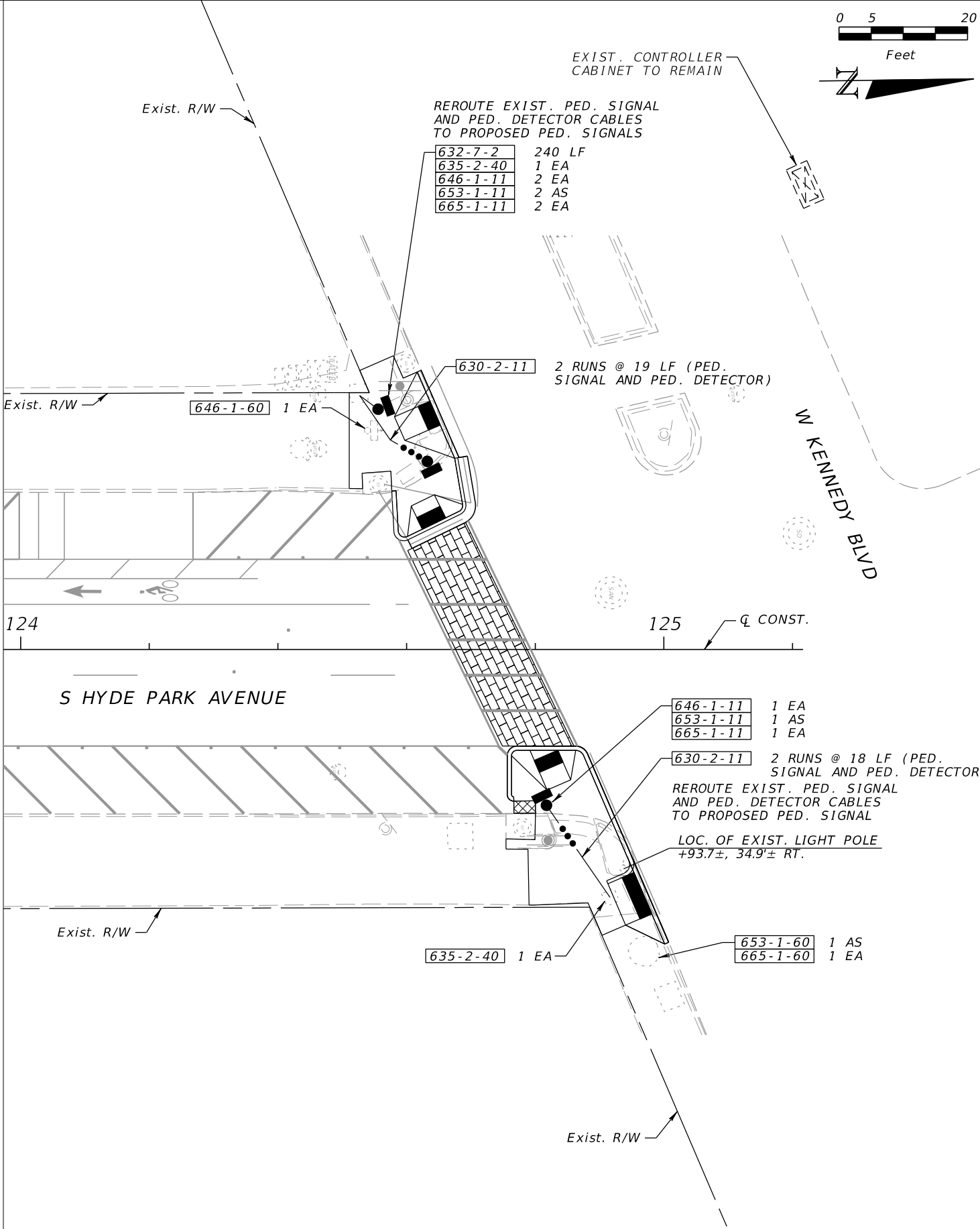
PED. SIGNAL
COUNT-DOWN
1-SECT., 1-WAY

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.
2. 653-1-11:
PEDESTRIAN SIGNAL SHALL BE COUNTDOWN WITH OVERLAY/FILLED HAND AND PEDESTRIAN SYMBOLS, AND SHALL BE F.D.O.T. APPROVED PRODUCT.

THERE SHALL BE NO SPLICES IN THE SIGNAL CABLE BETWEEN PEDESTRIAN SIGNALS AND PEDESTRIAN DETECTORS AND THE CONTROLLER.



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			SIGNALIZATION PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		24

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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

GOVERNING STANDARDS AND SPECIFICATIONS:

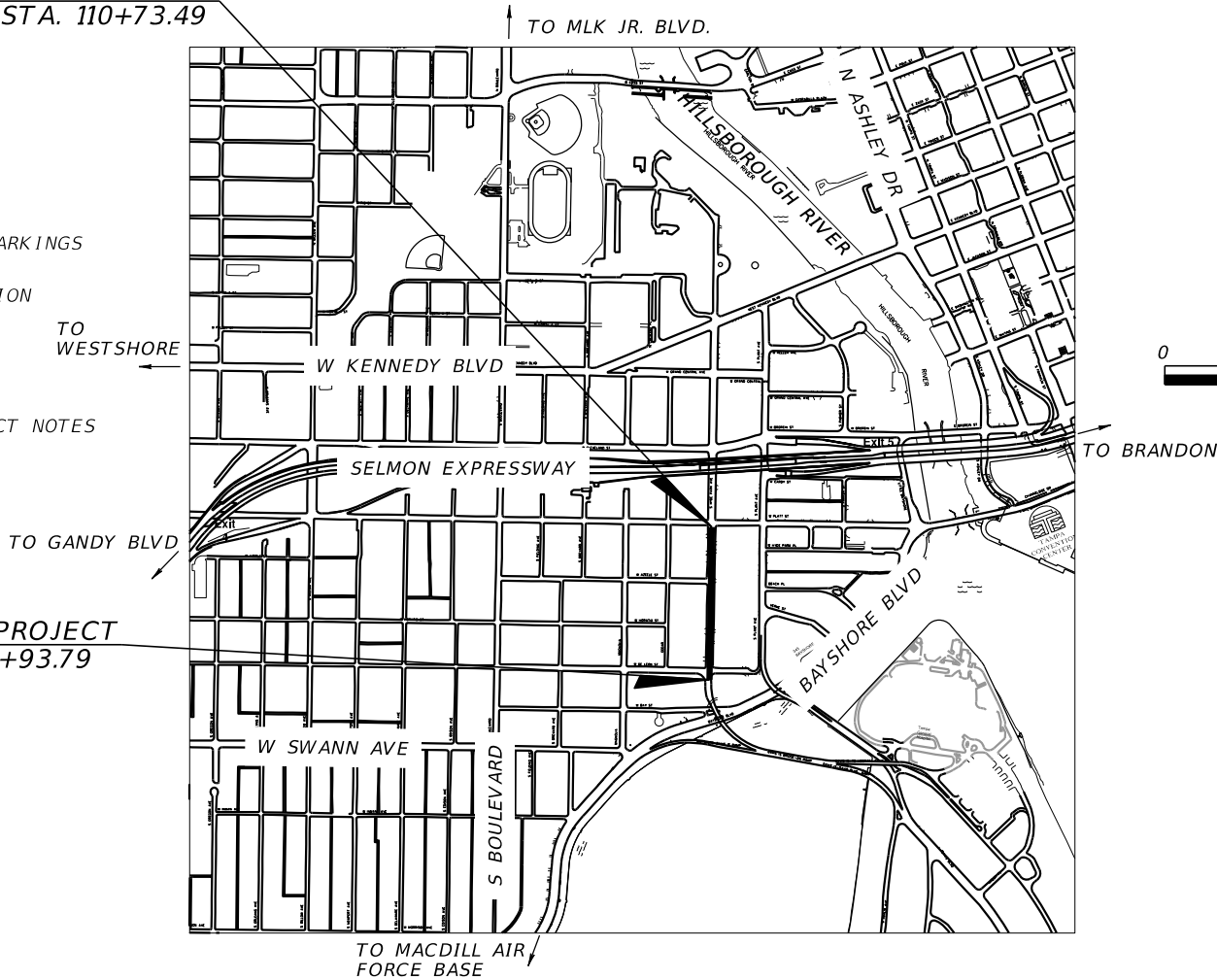
Florida Department of Transportation, 2016 Design Standards and revised Index Drawings as appended herein, and Divisions II and III of the Florida Department of Transportation, January 2016 Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.

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

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/StandardSpecifications>

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>

END PROJECT
STA. 110+73.49



BEGIN PROJECT
STA. 99+93.79

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

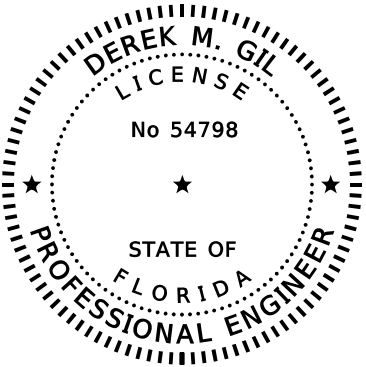
NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

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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7	TABULATION OF QUANTITIES SIGNALIZATION
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9	PROJECT NOTES
10 - 11	ROADWAY PLAN
12 - 13	TEMPORARY TRAFFIC CONTROL PLAN
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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		
					NA	HILLSBOROUGH	436013-3-58-01		2

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 11123	THERMOPLASTIC, WHITE, SOLID FOR CROSSWALKS & ROUNDABOUTS, 12"	LF		316	316
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 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

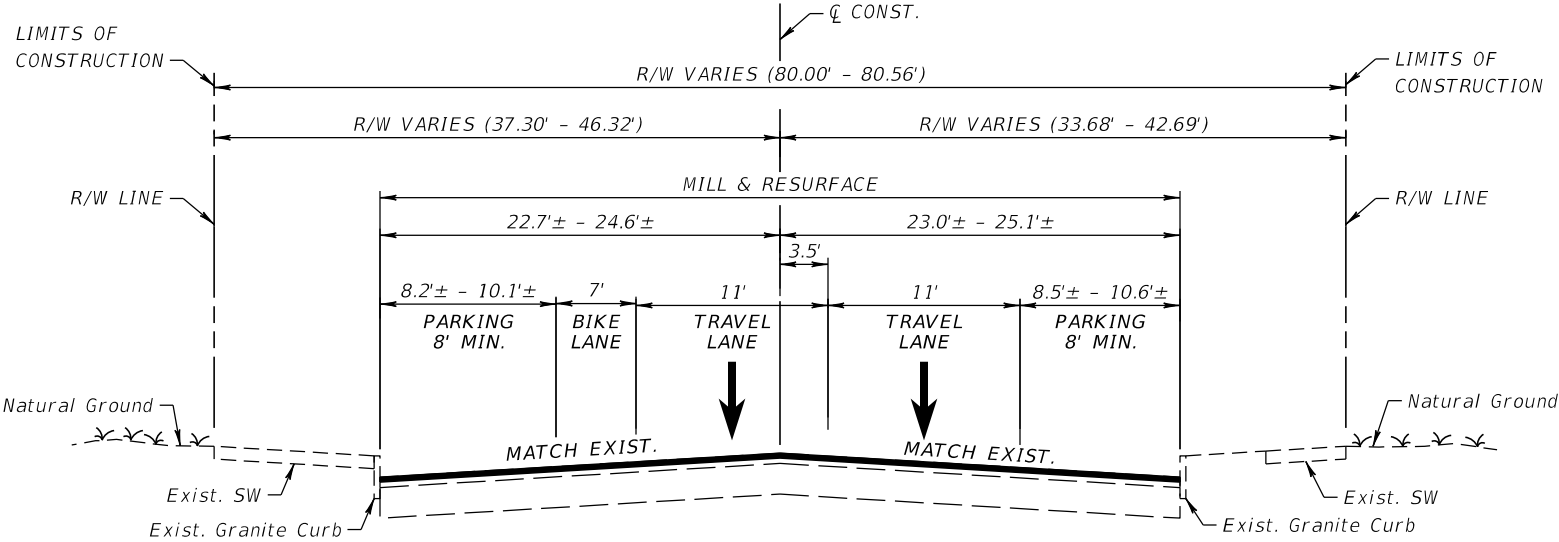
PAY ITEMS					
SUMMARY OF SIGNALIZATION					
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	FA PART.	NON PART.	TOTAL
0650 1 70	VEHICULAR TRAFFIC SIGNAL (RELOCATE)	AS		2	2
0650 2102	VEHICULAR SIGNAL AUXILIARIES, (REPAIR/REPLACE/RETROFIT - F&I)(BACKPLATE - BLACK WITH RETROFLECTIVE BORDER)	EA		2	2

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			SUMMARY OF PAY ITEMS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-3-58-01		3

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

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			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-3-58-01		4

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				
			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			

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.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-3-58-01		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 TEMPORARY TRAFFIC CONTROL PLAN ITEMS											
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE III			TOTAL		GRAND TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL						
			DAYS	P	P	P	F	P	F		
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
STA. TO STA.		0104 18		
		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.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-3-58-01		
									SQ-2

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

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	SIDE	UNIT	QUANTITY		TOTAL		CONSTRUCTION REMARKS
		STATION			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				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.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		SQ-3
					NA	HILLSBOROUGH	436013-3-58-01		

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SUMMARY OF SIDEWALK & DETECTABLE WARNINGS									
LOCATION	SIDE	AREA ID	CONC SIDEWALK 4"		DETECTABLE WARNINGS		CONSTRUCTION REMARKS		
			0522 1		0527 2				
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		
SY					
P			F		
STA. TO STA.					
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				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.
DATE	DESCRIPTION		DATE		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-3-58-01		SQ-4

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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	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			17												17			
*	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 11123	THERMOPLASTIC, WHITE, SOLID FOR CROSSWALKS & ROUNDABOUTS, 12"	LF	239		77												316		316	
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 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																			

<p>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.</p>
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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 PAVEMENT MARKINGS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		5
					NA	HILLSBOROUGH	436013-3-58-01		

TABULATION OF QUANTITIES

[illegible]

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			<i>TABULATION OF QUANTITIES</i> <i>SIGNING</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		6
					NA	HILLSBOROUGH	436013-3-58-01		

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TABULATION OF QUANTITIES

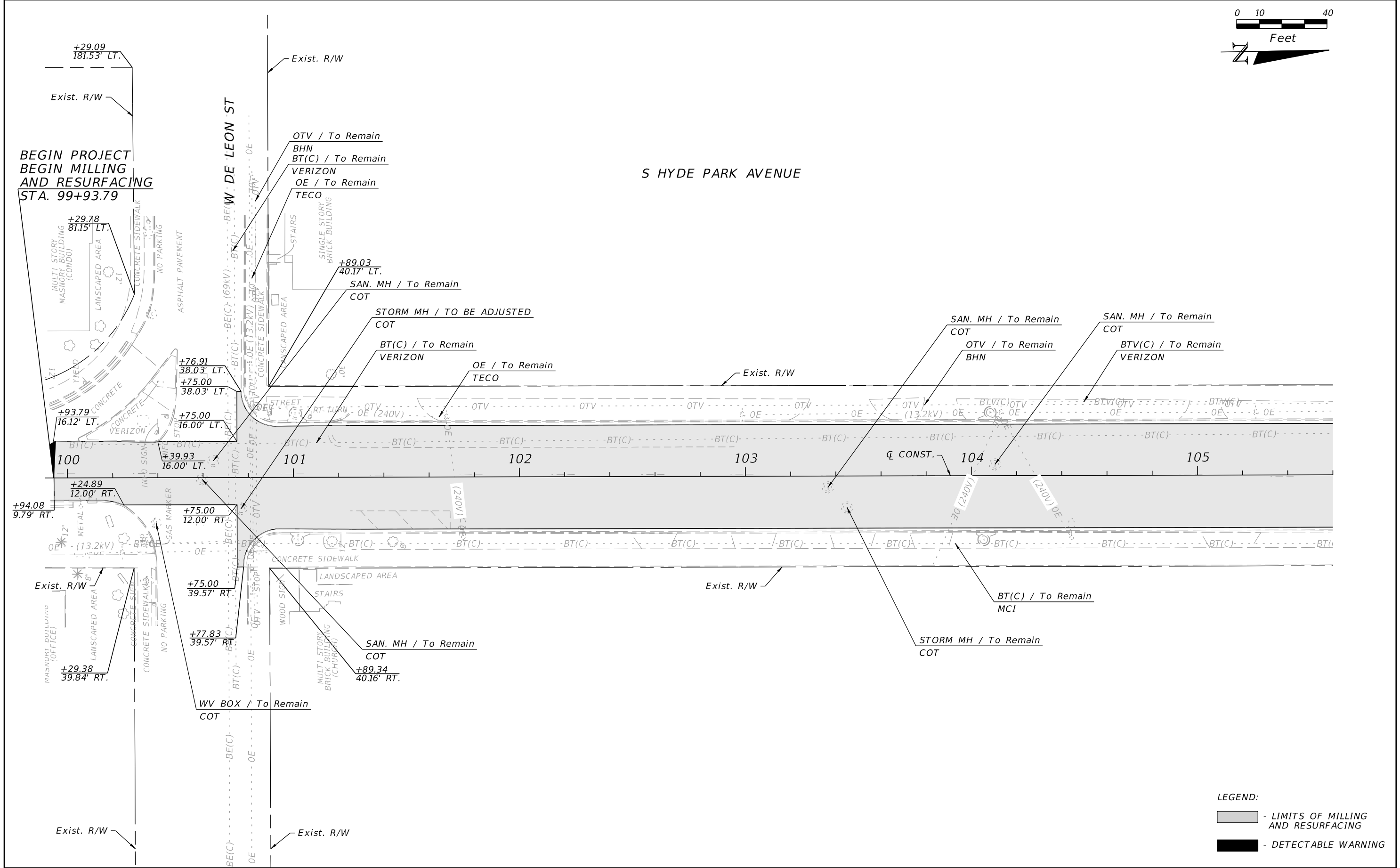
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REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			TABULATION OF QUANTITIES SIGNALIZATION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		7
					NA	HILLSBOROUGH	436013-3-58-01		

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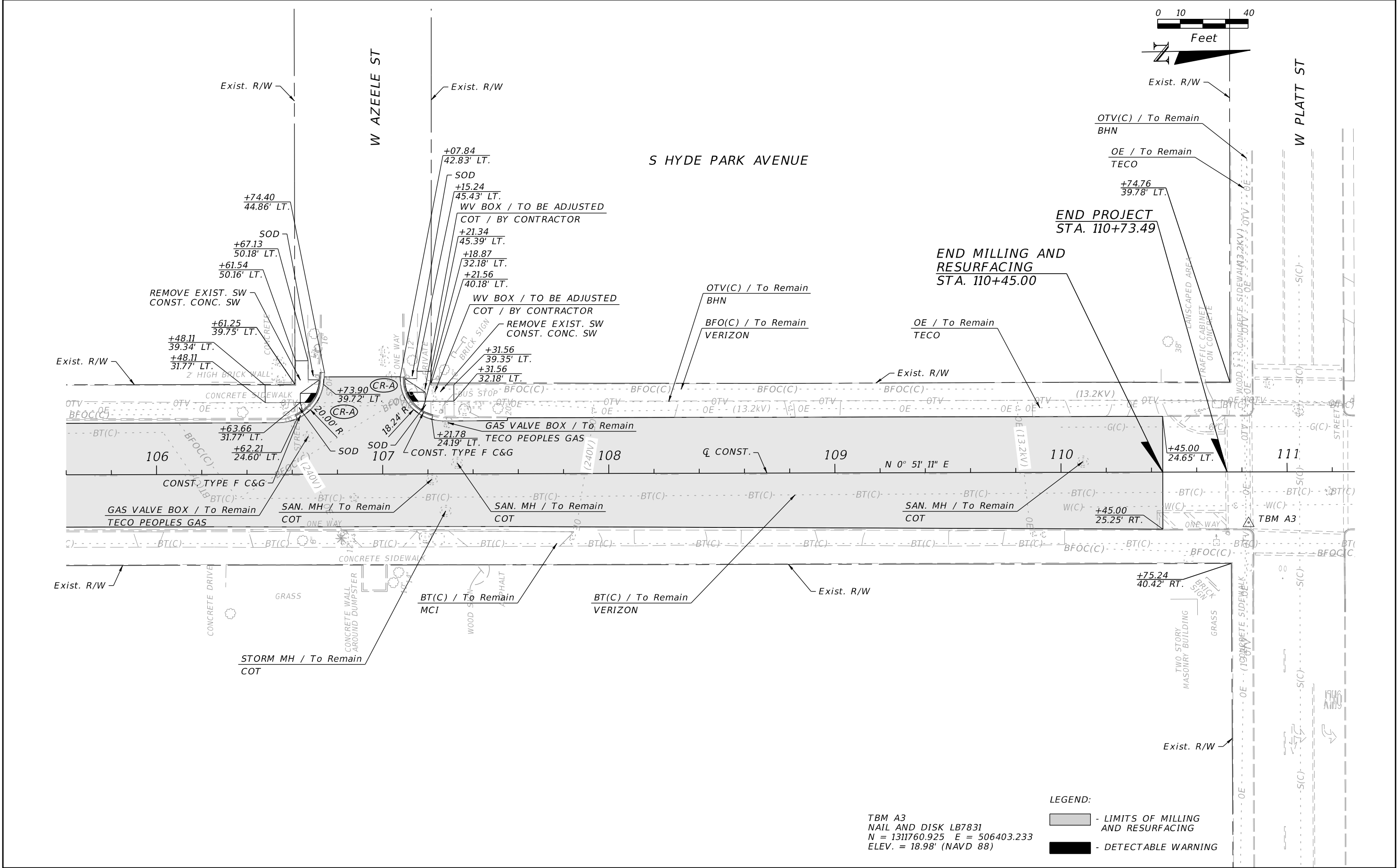
PROJECT NOTES				UTILITY ADJUSTMENT NOTES				
<div>1. THE PURPOSE OF THIS PROJECT IS TO CONSTRUCT PEDESTRIAN AND BICYCLE IMPROVEMENTS ALONG HYDE PARK AVE. BETWEEN DE LEON ST. AND PLATT ST. THE IMPROVEMENTS WILL INCLUDE PEDESTRIAN RAMP BULB-OUTS, BIKE LANES, AND HIGH EMPHASIS PAVEMENT MARKINGS. RETROREFLECTIVE 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.</div> <div>2. CITY OF TAMPA STANDARD DRAWINGS ARE AVAILABLE AT THE CITY MUNICIPAL OFFICE BUILDING, 306 E. JACKSON STREET, 5TH FLOOR, NORTH WING.</div> <div>3. BENCHMARK ELEVATIONS SHOWN ON THE PLANS DEPICT THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).</div> <div>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:<div>DIRECTOR, NATIONAL GEODETIC SURVEY 1315 EAST WEST HIGHWAY SILVER SPRING, MARYLAND 20910-2382 PHONE: (301) 713-3242</div></div> <div>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.</div> <div>6. ALL CURB RADII, P.I., P.C., AND P.T. REFER TO THE EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.</div> <div>7. ALL RCP'S SHALL BE CONSTRUCTED WITHOUT LIFT-HOLES AND SHALL BE CLASS III UNLESS NOTED OTHERWISE IN THE PLANS.</div> <div>8. EXISTING SIDEWALK WITHIN THE ROADWAY R/W SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.</div> <div>9. EXISTING DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.</div> <div>10. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO REMAIN UNLESS OTHERWISE SHOWN IN THE PLANS.</div> <div>11. ALL TREES LOCATED WITHIN THE LIMITS OF CONSTRUCTION ARE TO REMAIN UNLESS OTHERWISE INDICATED IN THE PLANS.</div> <div>12. THE COST OF SAW-CUTTING SHALL BE INCIDENTAL TO THE WORK BEING PERFORMED.</div> <div>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.</div> <div>14. ALL EXISTING SIDEWALK AND CURB TO BE REMOVED SHALL BE REMOVED TO THE NEAREST JOINT AND REPLACED AS NOTED IN THE PLANS.</div> <div>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.</div> <div>16. CLEARING & GRUBBING IS NEEDED ONLY AT LOCATIONS OF PROPOSED PEDESTRIAN BULB-OUTS.</div> <div>17. EXISTING GRASSED AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE SODDED, NOT SEEDED OR MULCHED.</div> <div>18. THE VOLTAGE OF THE OVERHEAD ELECTRIC LINES IS SHOWN IN THE ROADWAY PLANS.</div> <div>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.</div>				<div>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.</div> <div>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.</div> <div>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.</div> <div>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.</div> <div>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.)</div> <div>UTILITY OWNERS:<div><div><div>BRIGHT HOUSE NETWORKS (BHN) RANDY LYLE813-684-6100, EXT. 32143 4145 S FALKENBURG RD RIVERVIEW, FL 33578</div><div>CITY OF TAMPA SEWER JACK FERRAS813-274-8095 306 E. JACKSON ST. TAMPA, FL 33602</div><div>CITY OF TAMPA TRANSPORTATION VIK BHIDE813-274-8105 1104 E. TWIGGS SUITE 200 TAMPA, FL 33602</div><div>CITY OF TAMPA WATER JANICE DAVIS813-274-7096 306 E. JACKSON ST. MC:400-A5E TAMPA, FL 33602</div><div>FIBERLIGHT, LLC. TIM GREEN813-877-7183 4023 N. ARMENIA AVE. SUITE 200 TAMPA, FL 33602</div><div>MCI VERIZON FLORIDA, INC972-729-6322 1909 US HIGHWAY 301 N BLDG D TAMPA, FL 33619</div></div><div><div>LEVEL 3 COMMUNICATIONS, LLC. (LEVEL 3) NETWORK RELATIONS877-366-8344, EXT. 2 1025 ELDORADO BLVD. BROOMFIELD, CO 80021</div><div>TAMPA ELECTRIC COMPANY (TECO) & TECO FIBER OPTIC RONNIE ALEXANDER813-275-3037 P.O. BOX 111 TAMPA, FL 33601</div><div>TECO PEOPLES GAS - TAMPA LUIS CASTELLANO813-275-3743 1400 CHANNELSIDE DR. TAMPA, FL 33605</div><div>TW TELECOM - TAMPA JAMES MCVEIGH813-316-7763 3030 N ROCKY POINT DR W, STE 850 TAMPA, FL 33607</div><div>VERIZON FLORIDA, INC. (VERIZON) DAVID WYNNS813-627-8343 7701 E. TELECOM PKWY TEMPLE TERRACE, FL 33637</div><div>XO COMMUNICATIONS (XO) JEFF SBROCCO813-301-4047 5904-A HAMPTON OAKS PARKWAY TAMPA, FL 33610</div></div></div></div>				
REVISIONS				CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			PROJECT NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	NA	HILLSBOROUGH	436013-3-58-01		9

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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			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-3-58-01		10

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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:

HYDE

PARK AV

CONST

MESSAGE 2:

CONST

BEGINS

XXXXXXXX

(DAY OF WEEK)

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

MESSAGE 1:

HYDE

PARK AV

CONST

MESSAGE 2:

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:

LANE

CLOSED

AHEAD

MESSAGE 2:

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, RAMPELLO 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.

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			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		12
					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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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-3-58-01	13	

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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.

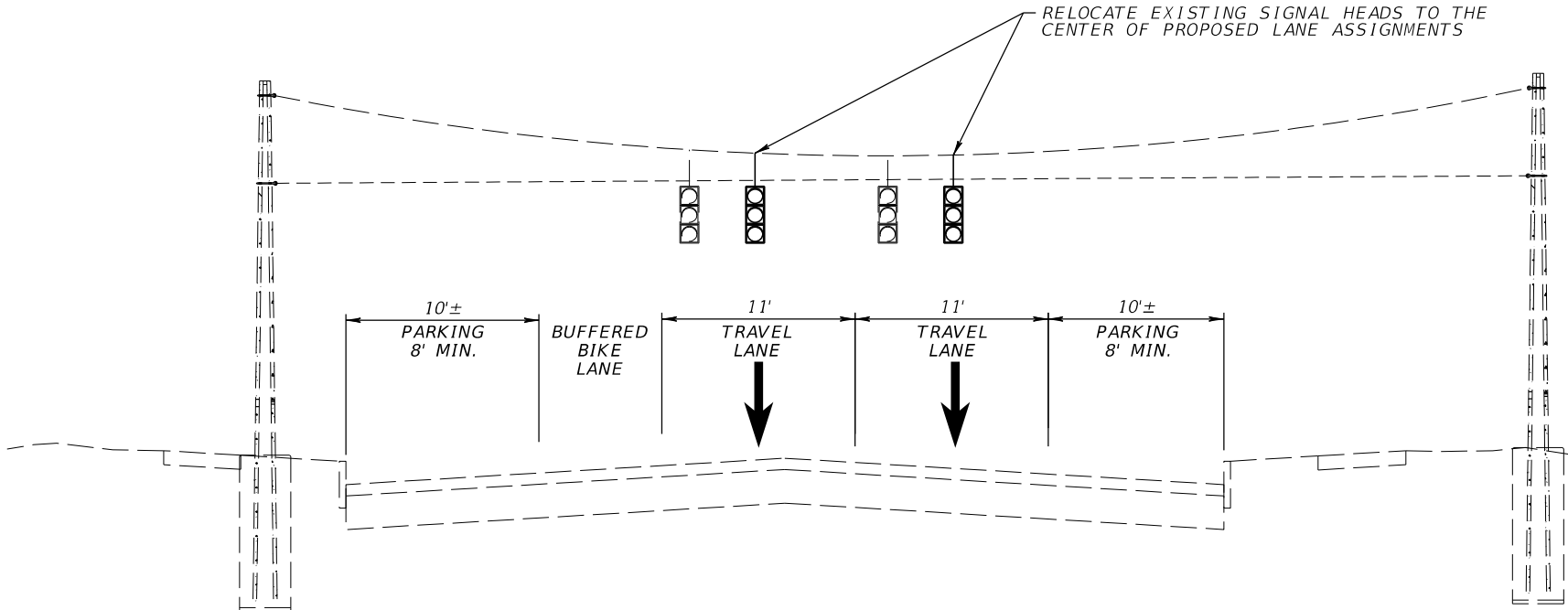
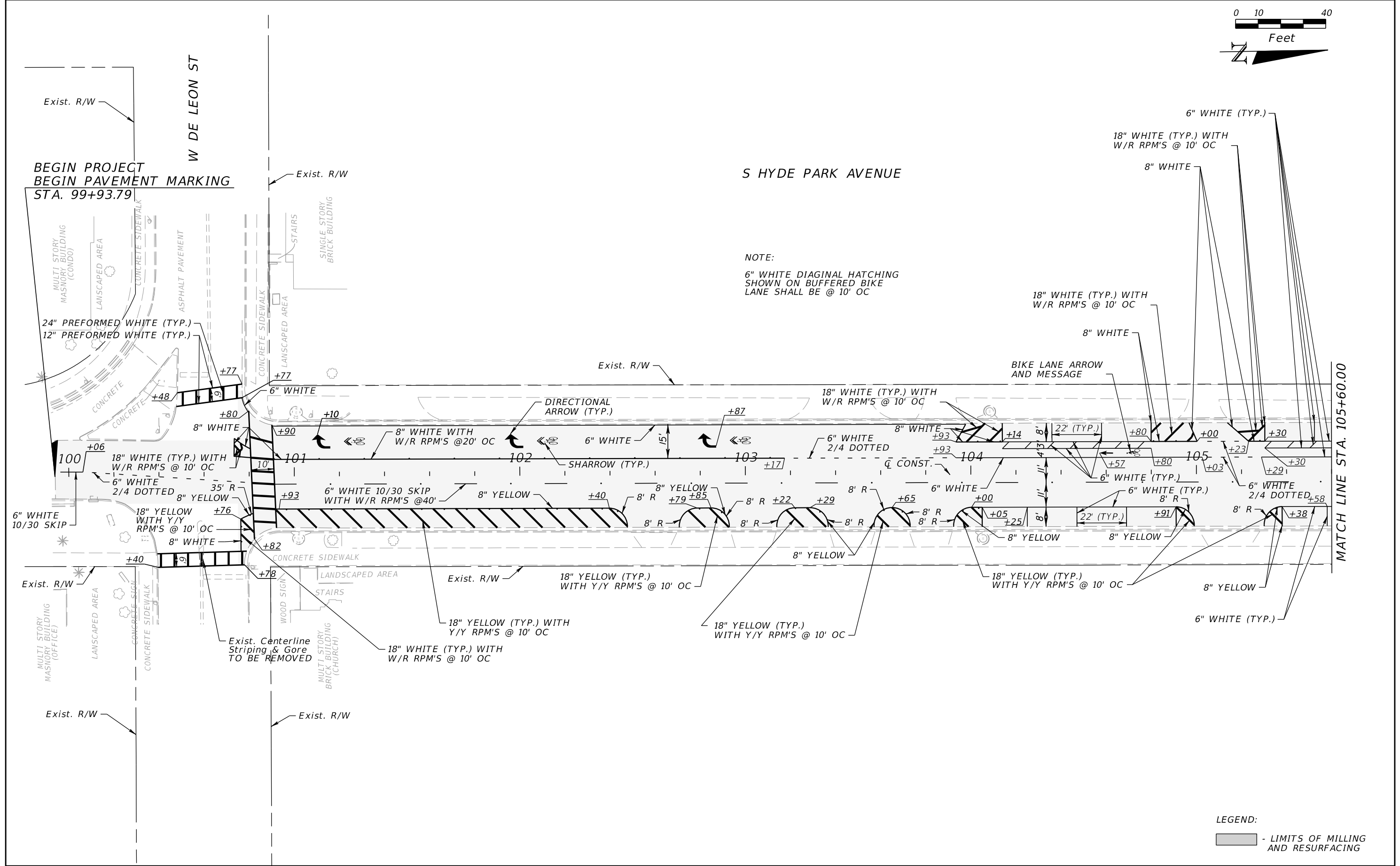
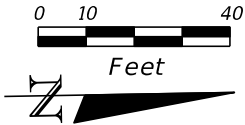


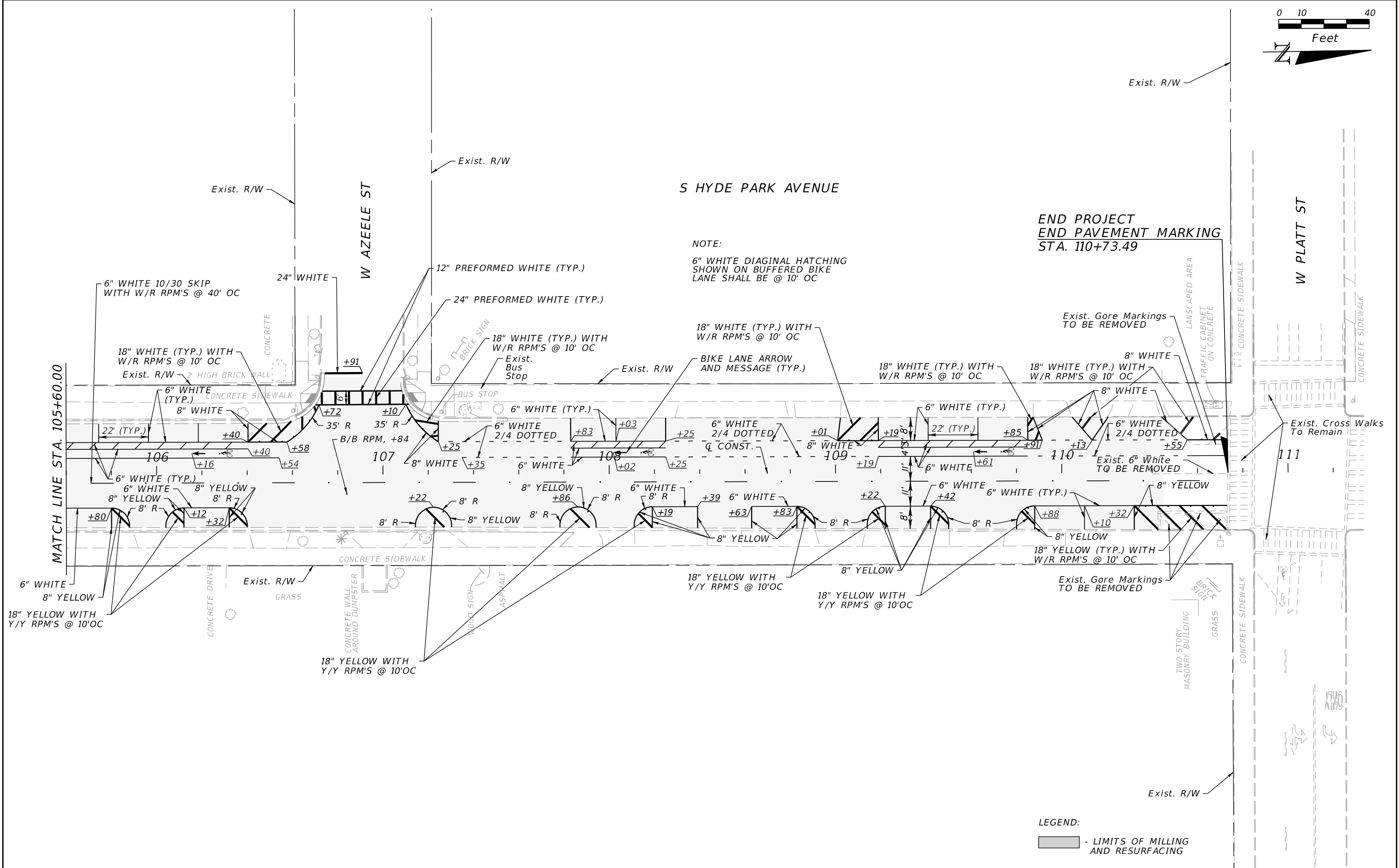
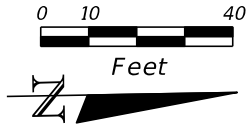
FIGURE 1: PROPOSED LOCATION OF SIGNAL HEADS

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



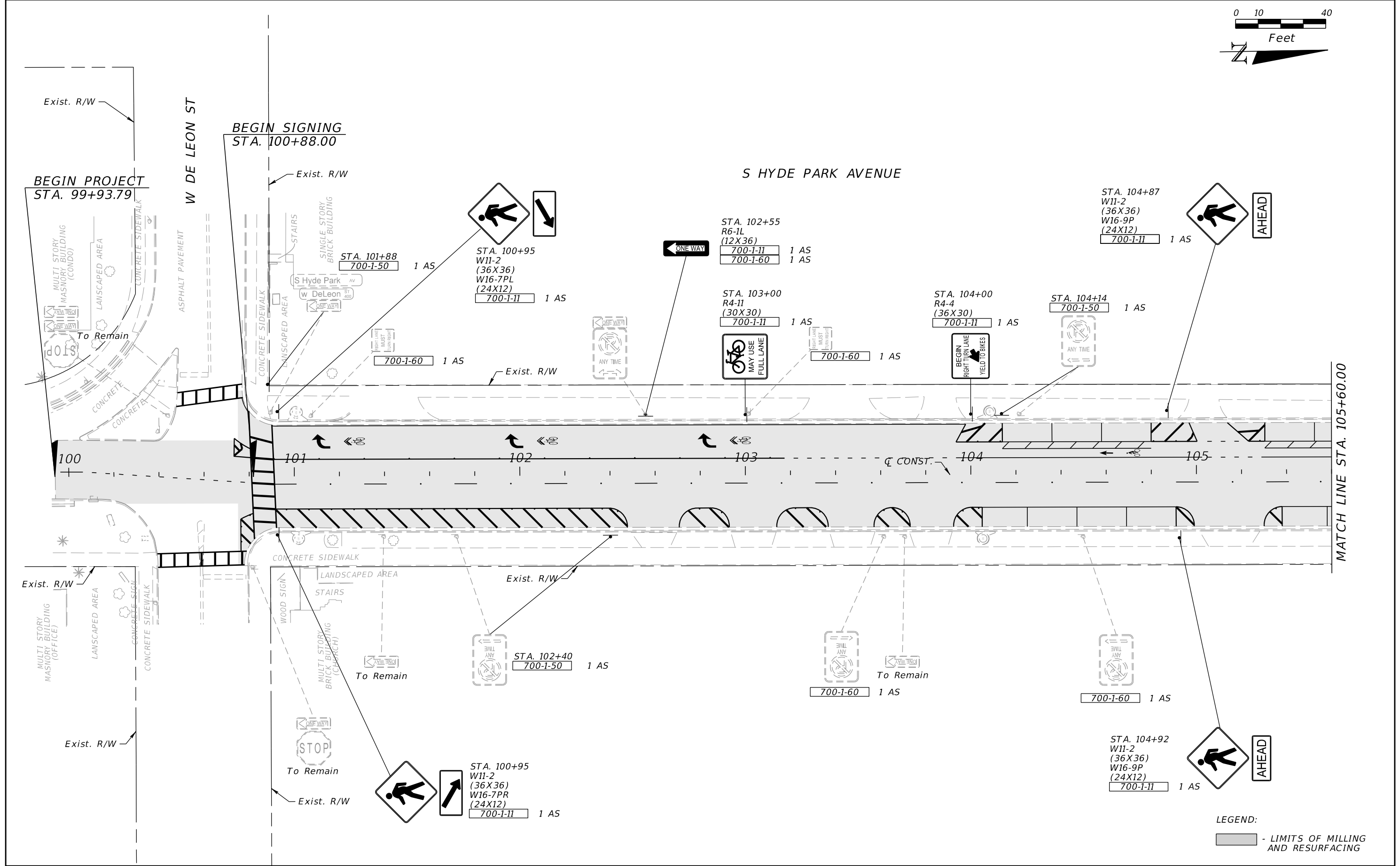
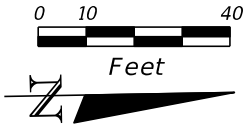
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-3-58-01		

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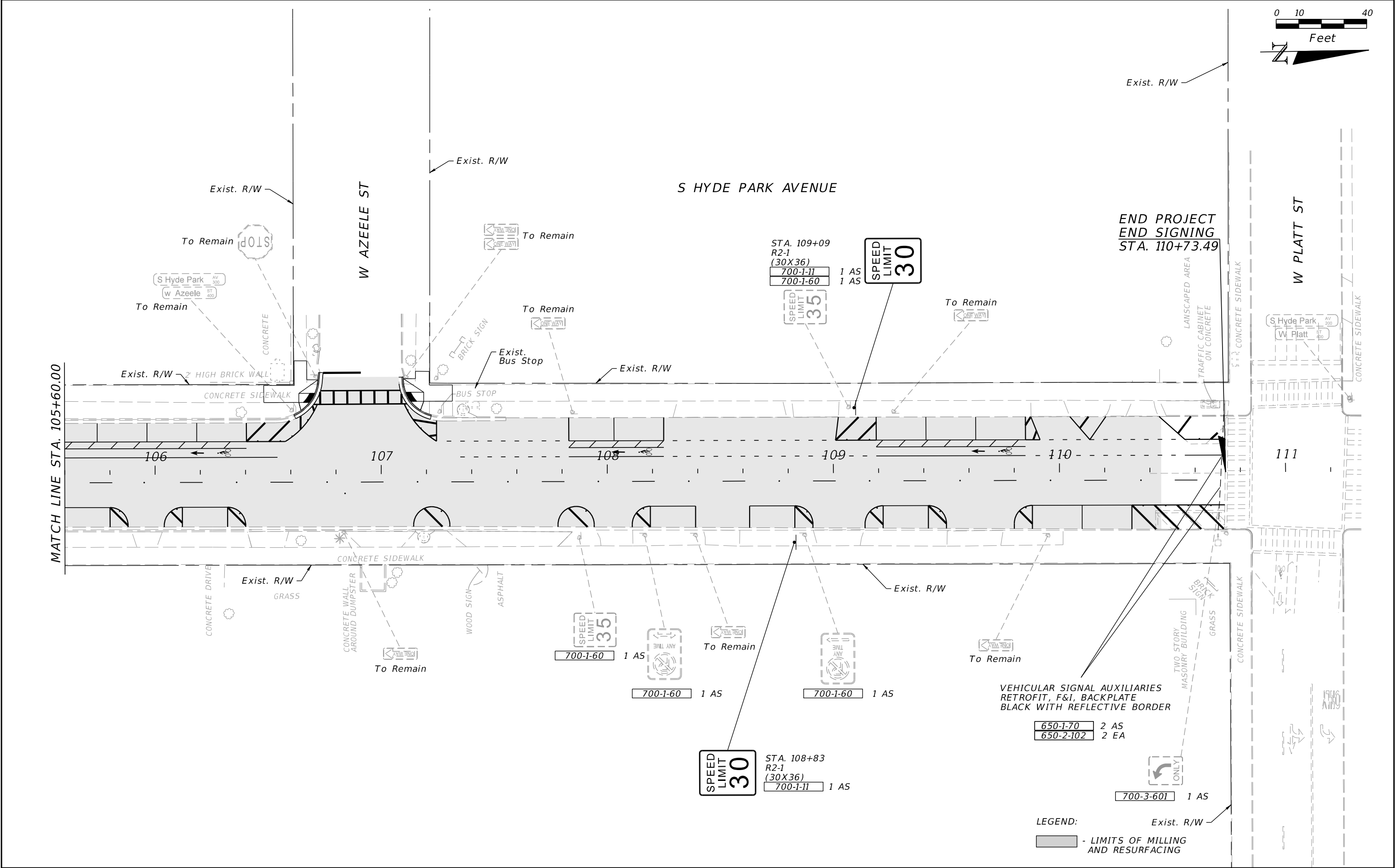
REVISIONS				ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798	CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER			PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-3-58-01		16

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

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CONTRACT 16-C-00020; Hyde Park Ave. and Plant Ave. Safety Improvements - Pre-Bid Conf., 8/6/2016, 2:00P.M.

E-Mail to Register as a Plan Holder and E-Mail All Questions to; ContractAdministration@tampagov.net

Sign-In Sheet ☐ Please Print

City of Tampa, Contract Administration Department

	Name	Organization	E-Mail OR Phone
1	Jim Greiner, PE	Tampa Contract Administration Dept.	Jim.Greiner@tampagov.net
	Mark Cockerham	Midcoast Construction	mark@midcoastllc.com
4	FRANK WOODARD	COT- CAD	Frank.Woodard@TAMPAGOV.NET
5	Nina Mabillean	COT Proj. Mgmt	nina.mabillean@tampagov.net
6	Calvin Hardie	COT TRANS	calvin.hardie@tampagov.net
7	DAVE REID	ATAV PAVING	dsardella@atavpaving.com
8	Aaron Wannos	Hubbard Construction	aaron.wannos@tpc-asphalt.com
9	DEREK GIL	ELEMENT ENGINEERING	dgil@elementeg.com
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