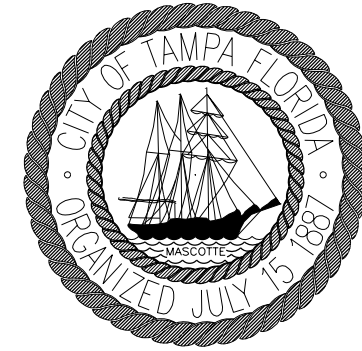


CITY OF TAMPA
DEPARTMENT OF TRANSPORTATION
AND STORMWATER

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.

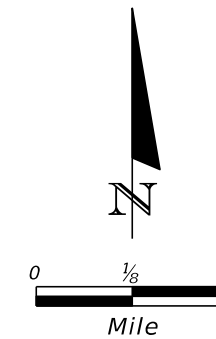
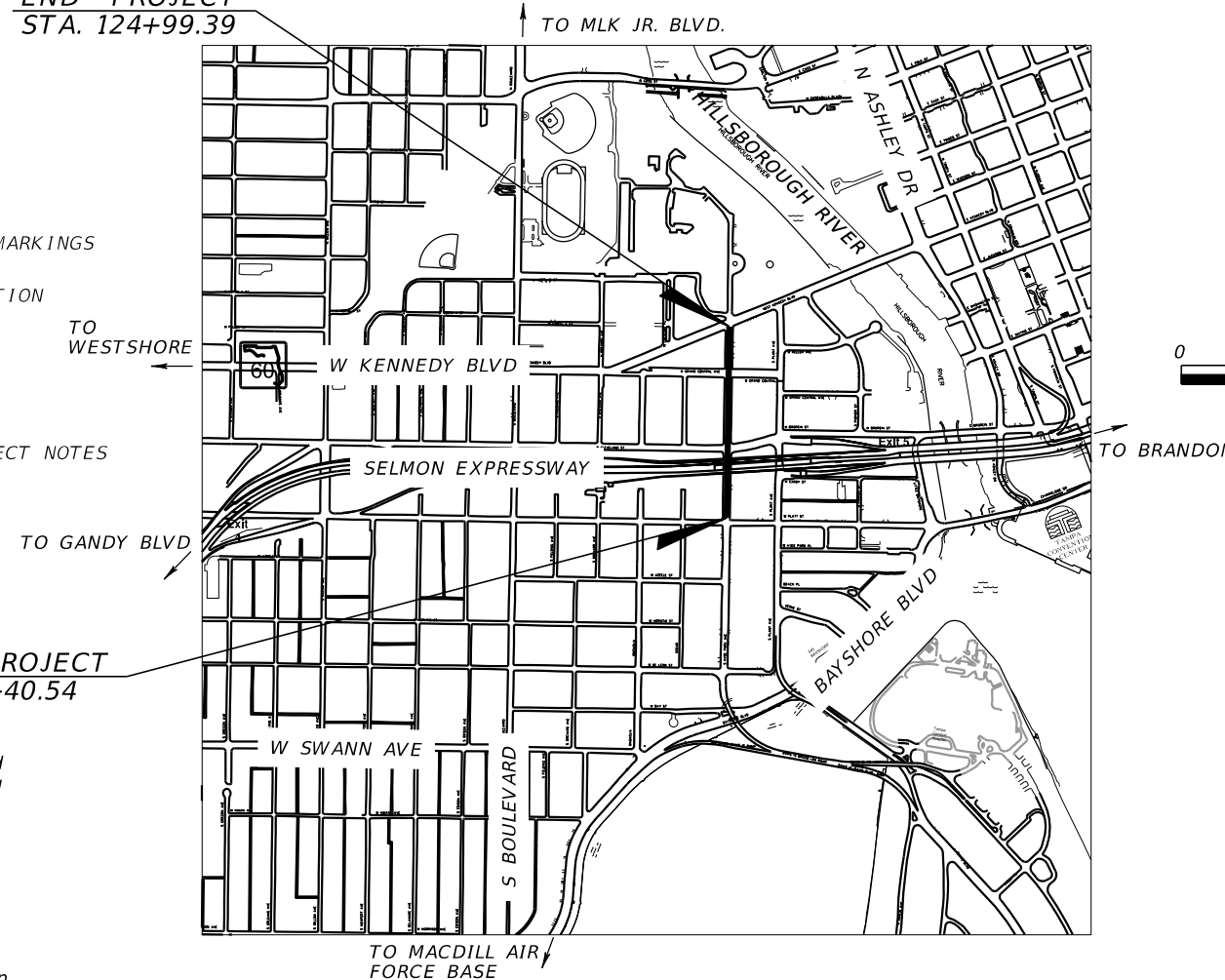


A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

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
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10 - 12	ROADWAY PLAN
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17	SIGNING AND PAVEMENT MARKINGS PROJECT NOTES
18 - 20	PAVEMENT MARKING PLAN
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24	SIGNALIZATION PLAN

END PROJECT
STA. 124+99.39



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

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

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

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

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

PROJECT LENGTH IS BASED ON $\frac{1}{8}$ 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

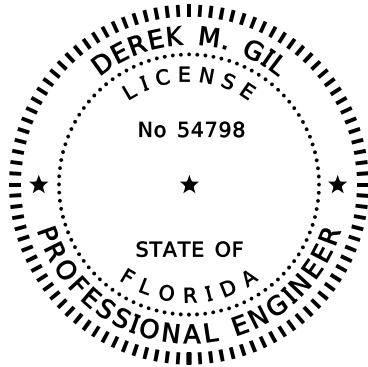
CITY PROJECT MANAGER: NINA MABILLEAU

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
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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		2
					NA	HILLSBOROUGH	436013-2-58-01		

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	113	113
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	330	330
0523 1	PATTERNED PAVEMENT, VEHICULAR AREAS	SY	40	40
0527 2	DETECTABLE WARNINGS	SF	86	86
0570 1 2	PERFORMANCE TURF, SOD	SY	73	73
0710 11101	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 6"	GM	0.695	0.695
0710 11102	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 8"	GM	0.077	0.077
0710 11123	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 12"	LF	257	257
0710 11124	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 18"	LF	358	358
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	0.032	0.032
0710 11202	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 8"	GM	0.107	0.107
0710 11224	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	491	491
0710 11241	PAINTED PAVEMENT MARKINGS, STD, YELLOW, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXT., 6"	GM	0.021	0.021

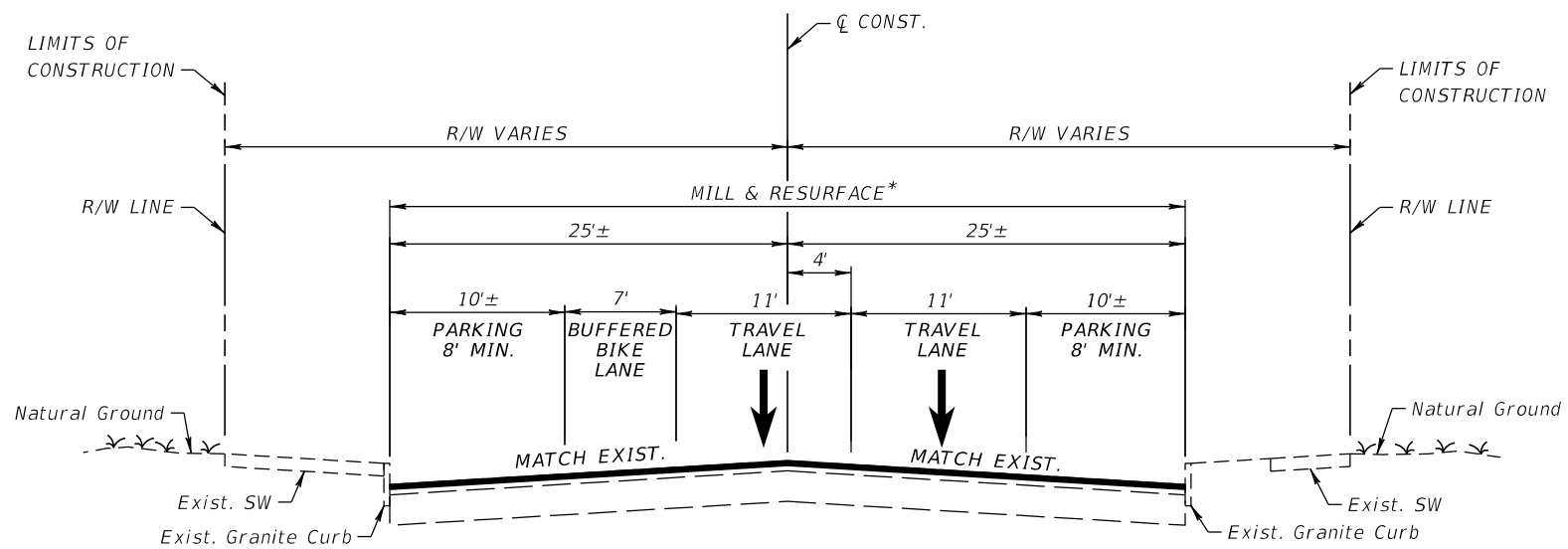
PAY ITEMS				
SUMMARY OF SIGNING AND PAVEMENT MARKINGS				
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	FA	TOTAL
			PART.	
0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	14	14
0700 1 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	2	2
0700 1 50	SINGLE POST SIGN, RELOCATE	AS	8	8
0700 1 60	SINGLE POST SIGN, REMOVE	AS	16	16
0700 3601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1	1
0710 90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	LS	1	1
0711 11124	THERMOPLASTIC, WHITE, SOLID FOR DIAGONALS AND CHEVRONS, 18"	LF	358	358
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	491	491
0711 11241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.021	0.021
0711 14123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12"	LF	257	257
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	0.695	0.695
0711 16102	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SOLID, 8"	GM	0.077	0.077
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	0.032	0.032
0711 16202	THERMOPLASTIC, STD - OTHER SURFACES, YELLOW, SOLID, 8"	GM	0.107	0.107
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 RETROFLECTIVE 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

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

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TRAFFIC DATA
 CURRENT YEAR = 2014 AADT = 7100
 K = 9.0% D = 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. 4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		

SUMMARY OF LUMP SUM ITEMS

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

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE I			PHASE II			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	P	F		
			DAYS	P	P	DAYS	P	P	P	F		
0102 1	MAINTENANCE OF TRAFFIC	LS							1		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		

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	P	F	P	F		
			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			113				113		113			
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			0.695				0.695		0.695			
0710 11102	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 8"	GM			0.077				0.077		0.077			
0710 11123	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 12"	LF			257				257		257			
0710 11124	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 18"	LF			358				358		358			
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			0.032				0.032		0.032			
0710 11202	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 8"	GM			0.107				0.107		0.107			
0710 11224	PAINTED PAVT. MARKINGS, STD., YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF			491				491		491			
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
		0104 18		
		EA		
STA. TO STA.		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

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	436013-2-58-01

SUMMARY OF QUANTITIES

SHEET NO.

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	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	
		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

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	436013-2-58-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-3

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

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	UNIT	QUANTITY				TOTAL		CONSTRUCTION REMARKS
					GROSS LENGTH	DEDUCTIONS		NET LENGTH		P	
		TYPE				LENGTH	P	F			
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	124+60.19 TO 124+69.19	LT.	LF	18.3			18.3		18	
0520 2 4	CONCRETE CURB, TYPE D	121+21.22 TO 121+31.15	LT.	LF	12.5			12.5		399	
		121+26.00 TO 121+45.31	RT.		69.9			69.9			
		121+28.31 TO 121+28.31	LT.		4.4			4.4			
		121+28.31 TO 121+29.19	LT.		2.4			2.4			
		121+28.31 TO 121+31.31	LT.		4.7			4.7			
		121+29.19 TO 121+31.69	LT.		3.5			3.5			
		121+31.15 TO 121+31.15	LT.		12.7			12.7			
		121+31.31 TO 121+46.31	LT.		23.6			23.6			
		121+31.69 TO 121+33.15	LT.		3.9			3.9			
		121+33.15 TO 121+36.15	LT.		4.7			4.7			
		121+36.15 TO 121+43.31	LT.		7.2			7.2			
		121+43.31 TO 121+46.31	LT.		4.7			4.7			
		121+46.31 TO 121+46.31	LT.		8.7			8.7			
		121+76.31 TO 121+76.31	LT.		2.7			2.7			
		121+76.31 TO 121+79.31	LT.		4.7			4.7			
		121+76.31 TO 121+96.31	LT.		31.4			31.4			
		121+77.31 TO 122+10.00	RT.		84.1			84.1			
		121+79.31 TO 121+91.63	LT.		12.3			12.3			
		121+96.31 TO 122+07.00	LT.		10.7			10.7			
		122+07.00 TO 122+10.00	LT.		4.7			4.7			
		122+10.00 TO 122+10.00	LT.		7.9			7.9			
		124+57.71 TO 124+60.19	LT.		9.3			9.3			
		124+62.26 TO 124+68.14	LT.		14.8			14.8			
		124+75.65 TO 124+75.65	RT.		6.1			6.1			
		124+75.65 TO 124+76.66	RT.		1.6			1.6			
		124+75.65 TO 124+77.15	RT.		2.4			2.4			
		124+77.15 TO 124+86.28	RT.		9.1			9.1			
		124+86.28 TO 124+88.11	RT.		2.3			2.3			
		124+88.12 TO 125+00.75	RT.		31.9			31.9			

<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					<p>ELEMENT ENGINEERING GROUP 1713 E. 9th AVENUE TAMPA, FL 33605 CERTIFICATE OF AUTHORIZATION 26921 DEREK M. GIL, P.E. P.E. LICENSE NUMBER: 54798</p>		<p align="center">CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER</p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>NA</td> <td>HILLSBOROUGH</td> <td>436013-2-58-01</td> </tr> </tbody> </table>			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	NA	HILLSBOROUGH	436013-2-58-01	<p align="center">SUMMARY OF QUANTITIES</p>		<p>SHEET NO. SQ-5</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																							
NA	HILLSBOROUGH	436013-2-58-01																							

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SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	CONC SIDEWALK 4"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
			0522	1	0527	2		
			SY		SF			
P	F	P	F					
121+76.98 TO 122+10.89	LT.	34119	50.3					
121+11.66 TO 121+31.15	LT.	31292	29.9					
121+20.61 TO 121+44.65	RT.	31385	57.1					
121+25.94 TO 121+36.15	LT.	31445	4.7				CHANNEL	
121+33.15 TO 121+45.65	LT.	31305	8.1					
121+77.98 TO 122+10.00	RT.	31397	102.9					
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+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		
121+96.00 TO 122+00.00	LT.	12046				8.0		
121+96.00 TO 122+00.00	RT.	12045				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:			329.7			86.0		
TOTAL:			330			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 STA. TO STA.	SIDE	AREA ID	PERFORMANCE TURF (SOD)		CONSTRUCTION REMARKS
			0570	1 2	
			SY		
P	F				
121+21.22 TO 121+30.48	LT.	34111	3.9		
121+26.67 TO 121+44.65	RT.	31622	17.6		
121+28.98 TO 121+45.65	LT.	31602	21.7		
121+33.82 TO 121+45.65	LT.	31595	4.3		
121+77.15 TO 121+91.64	LT.	31614	3.9		
121+77.50 TO 121+95.50	LT.	34148	21.4		
SUB-TOTAL:			72.8		
TOTAL:			73		

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

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

**CITY OF TAMPA
DEPARTMENT OF TRANSPORTATION
AND STORMWATER**

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

SUMMARY OF QUANTITIES

SHEET
NO.

SQ-6

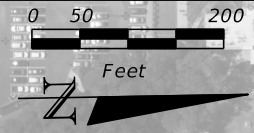
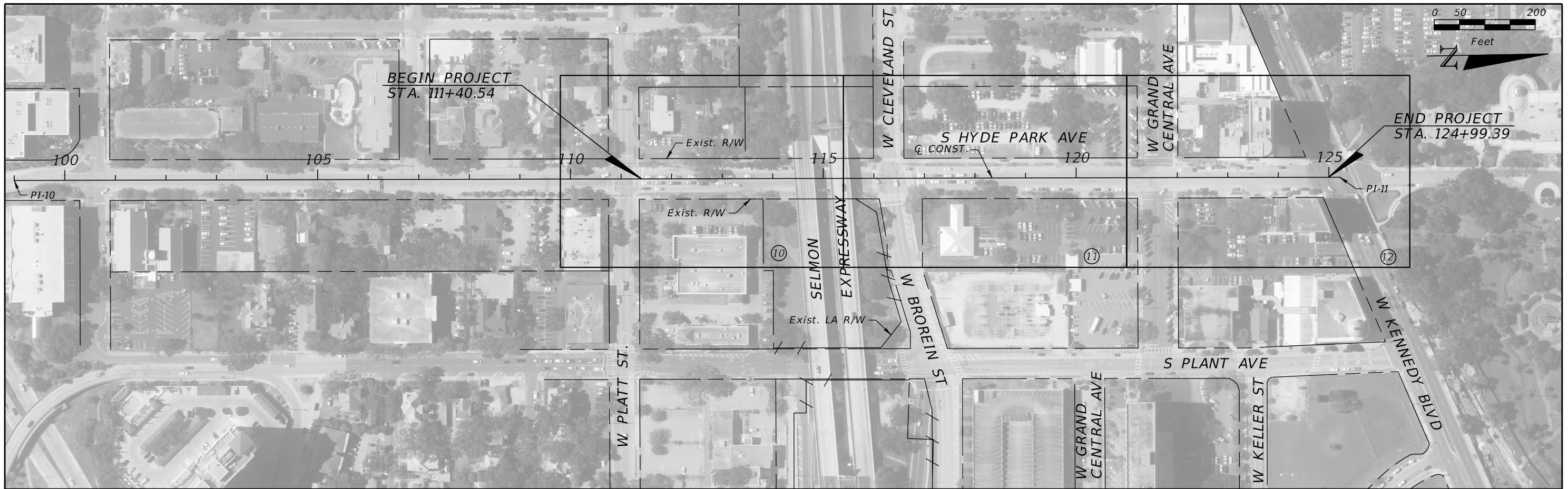
TABULATION OF QUANTITIES

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					
0710 90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	LS																	
*	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	37		47		29										113		
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 12"	LF					257										257		
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 18"	LF	92		150		116										358		
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 24"	LF	52		50		175										277		
*	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		171		247										491		
*	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		0.321		0.146										0.695		
*	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 8"	GM	0.022		0.027		0.028										0.077		
*	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		0.005										0.032		
*	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 8"	GM	0.020		0.041		0.046										0.107		
0711 11124	THERMOPLASTIC, WHITE, SOLID FOR DIAGONALS AND CHEVRONS, 18"	LF	92		150		116										358		358
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		171		247										491		491
0711 11241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.021														0.021		0.021
0711 14123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12"	LF					257										257		257
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		0.321		0.146										0.695		0.695
0711 16102	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SOLID, 8"	GM	0.022		0.027		0.028										0.077		0.077
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		0.005										0.032		0.032
0711 16202	THERMOPLASTIC, STD - OTHER SURFACES, YELLOW, SOLID, 8"	GM	0.020		0.041		0.046										0.107		0.107
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. 5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					NA	HILLSBOROUGH	436013-2-58-01		

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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									
	HYDE PARK Q CONST.																		
10					99+00.00	1,310,578.4592	506,363.2935												
11					125+21.62	1,313,199.7925	506,402.3189								N 0° 51' 11" E	N 0° 51' 11" E			

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

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PROJECT NOTES

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

UTILITY ADJUSTMENT NOTES

1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh and Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS / ELEVATIONS APPLY ONLY AT THE POINT SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
2. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF THE EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF THE PREPARATION OF THESE PLANS BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT.
3. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED. EXISTING UTILITY MANHOLES OR VALVE COVERS NOTED "TO BE ADJUSTED" SHALL BE ADJUSTED IN ELEVATION AND/OR CROSS SLOPE AS NECESSARY TO CONFORM TO THE FINISHED GRADE USING ADJUSTING RINGS. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY OWNERS FOR DELIVERY OF THE ADJUSTMENT RINGS. UTILITY WORK SHOWN IN THE PLANS TO BE ADJUSTED OR REMOVED "BY OTHERS" ARE THE RESPONSIBILITY OF THE UTILITY OWNER.
4. CITY OF TAMPA DOES NOT CERTIFY THE LOCATION OR EXISTENCE OF ANY UNDERGROUND UTILITIES, NOR AS TO THE SOIL OR GROUND CONDITIONS, AND ASSUMES NO LIABILITY FOR SUCH. THE CONTRACTOR MUST VERIFY ALL EXISTING UNDERGROUND UTILITIES AS TO THEIR LOCATION AND ELEVATION PRIOR TO COMMENCEMENT OF WORK.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OF THE COORDINATION OF CONSTRUCTION SCHEDULING BETWEEN THE CONTRACTOR & ALL UTILITY AGENCIES. NOTE: THIS INCLUDES MEETING WITH UTILITY AGENCIES PRIOR TO THE PRE-CONSTRUCTION CONFERENCE TO ADJUST THEIR SCHEDULES TO COINCIDE WITH THE CONTRACTORS CONSTRUCTION SCHEDULE. (REFERENCE CONTRACT DOCUMENTS.)

UTILITY OWNERS:

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

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

CITY OF TAMPA SEWER
JACK FERRAS 813-274-8095
306 E. JACKSON ST.
TAMPA, FL 33602

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

CITY OF TAMPA TRANSPORTATION
VIK BHIDE 813-274-8105
1104 E. TWIGGS SUITE 200
TAMPA, FL 33602

TECO PEOPLES GAS - TAMPA
LUIS CASTELLANO 813-275-3743
1400 CHANNELSIDE DR.
TAMPA, FL 33605

CITY OF TAMPA WATER
JANICE DAVIS 813-274-7096
306 E. JACKSON ST.
MC:400-A5E
TAMPA, FL 33602

TW TELECOM - TAMPA
JAMES MCVEIGH 813-316-7763
3030 N ROCKY POINT DR W, STE 850
TAMPA, FL 33607

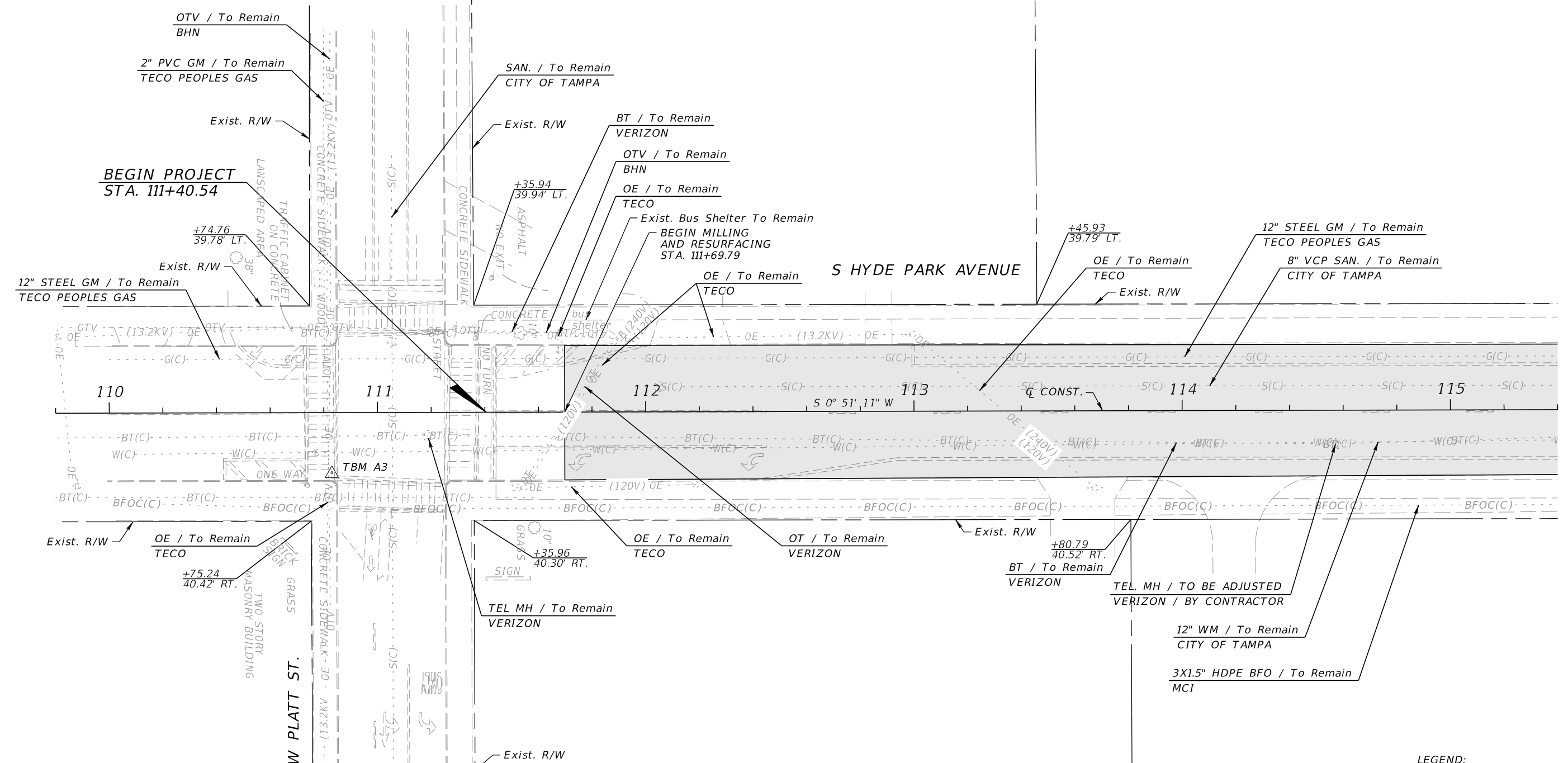
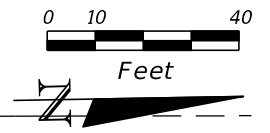
FIBERLIGHT, LLC.
TIM GREEN 813-877-7183
4023 N. ARMENIA AVE.
SUITE 200
TAMPA, FL 33602

VERIZON FLORIDA, INC. (VERIZON)
DAVID WYNNIS 813-627-8343
7701 E. TELECOM PKWY
TEMPLE TERRACE, FL 33637

MCI
VERIZON FLORIDA, INC 972-729-6322
1909 US HIGHWAY 301 N
BLDG D
TAMPA, FL 33619

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

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



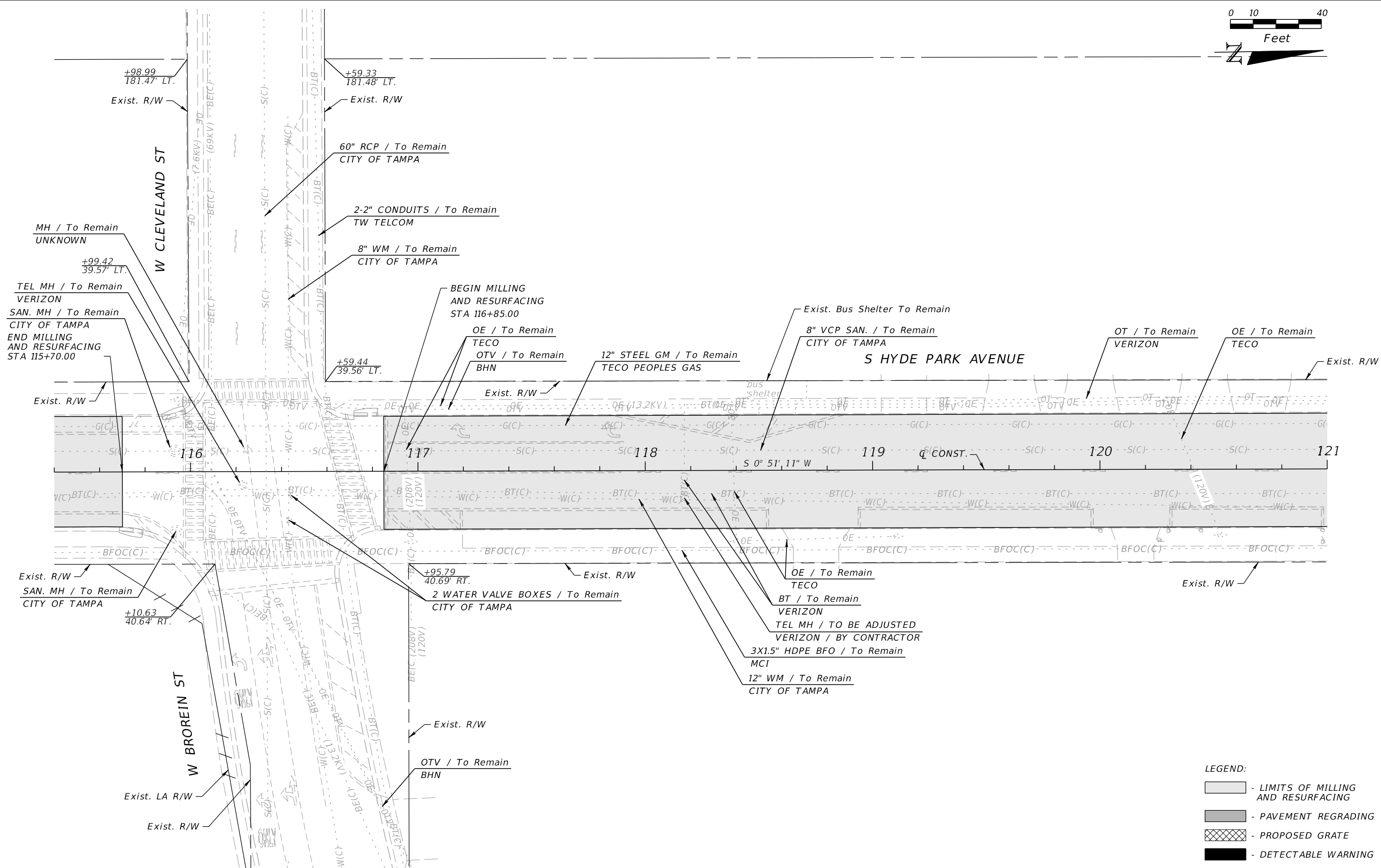
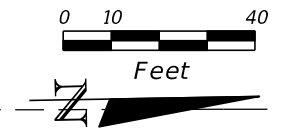
TBM A3
 NAIL AND DISK LB7831
 N = 1311760.925 E = 506403.233
 ELEV. = 18.98' (NAVD 88)

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

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

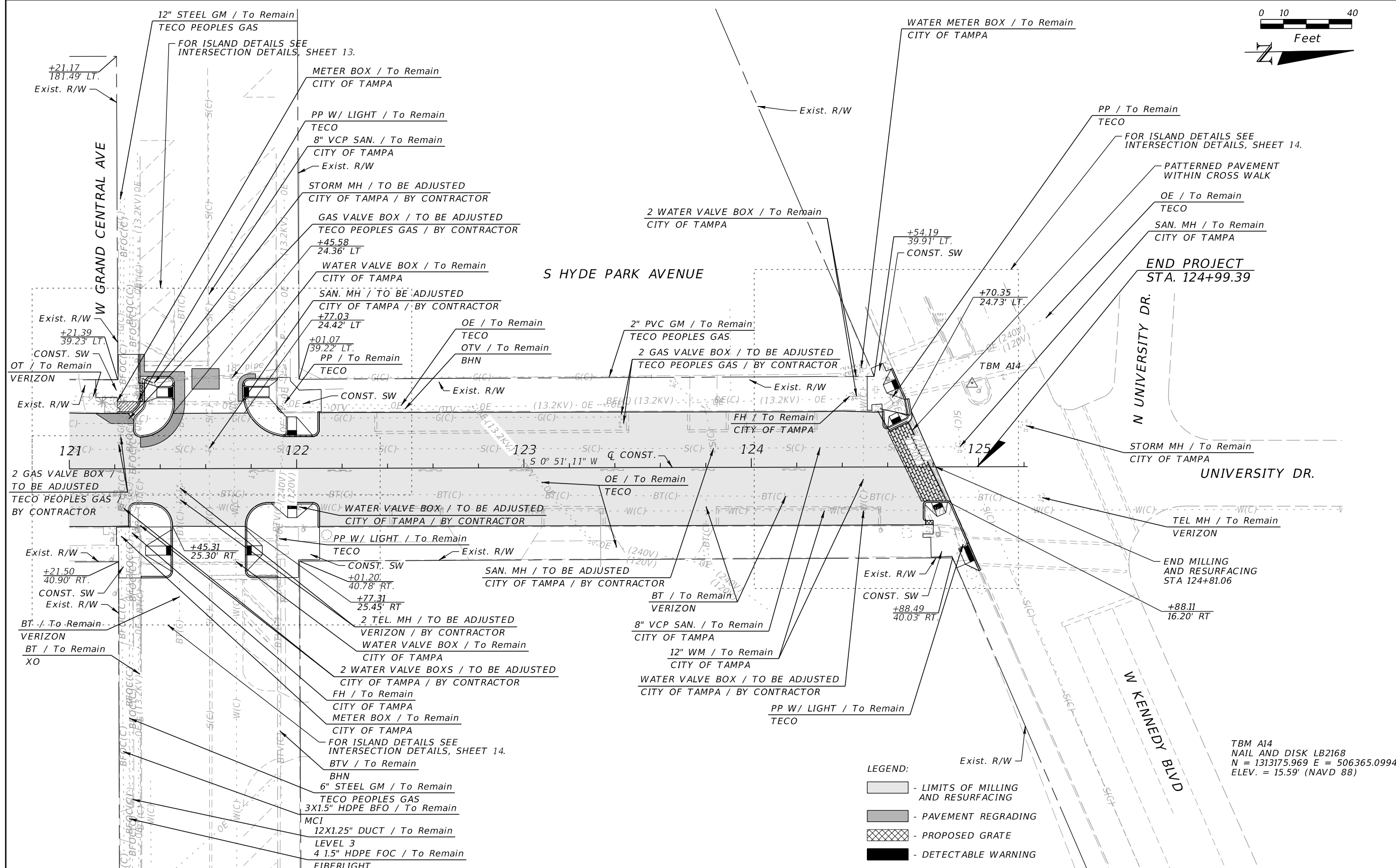
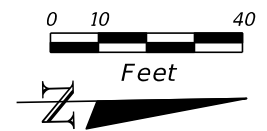
ELEMENT ENGINEERING GROUP
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 CERTIFICATE OF AUTHORIZATION 26921
 DEREK M. GIL, P.E.
 P.E. LICENSE NUMBER: 54798

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	436013-2-58-01

ROADWAY PLAN

SHEET NO.
11

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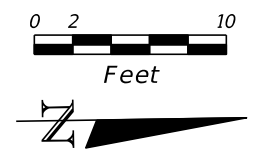
REVISIONS	
DATE	DESCRIPTION

ELEMENT ENGINEERING GROUP
 1713 E. 9th AVENUE
 TAMPA, FL 33605
 CERTIFICATE OF AUTHORIZATION 26921
 DEREK M. GIL, P.E.
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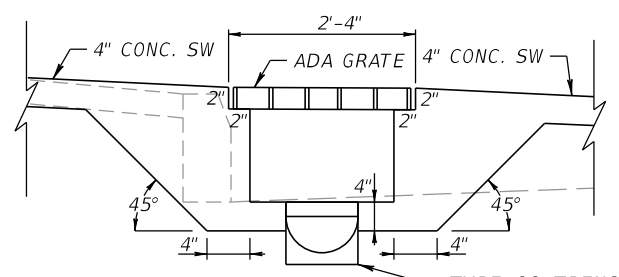
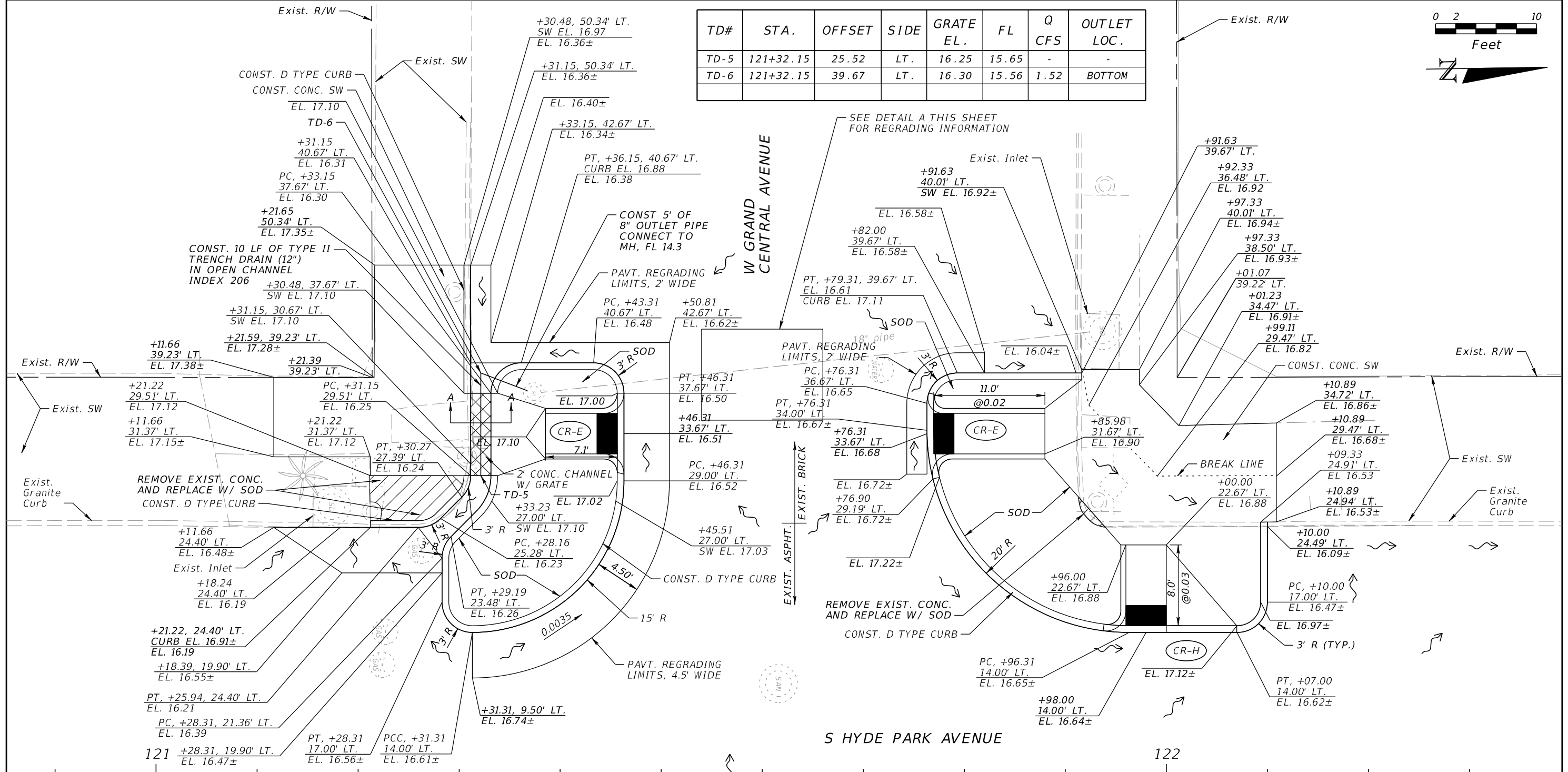
CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	436013-2-58-01

ROADWAY PLAN		SHEET NO. 12
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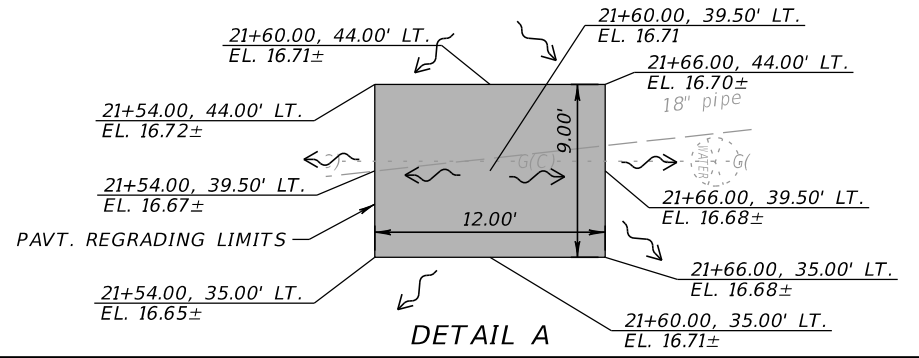


TD#	STA.	OFFSET	SIDE	GRATE EL.	FL	Q CFS	OUTLET LOC.
TD-5	121+32.15	25.52	LT.	16.25	15.65	-	-
TD-6	121+32.15	39.67	LT.	16.30	15.56	1.52	BOTTOM



GRATE DETAILS
 ADA COMPLIANT
 STAINLESS STEEL
 BAR THICKNESS = 1/8"
 BAR HEIGHT = 2"
 BEARING BAR SPACING = 11/16" C/C
 CROSS BAR SPACING = 4" C/C

- LEGEND**
- PAVEMENT REGRADING
 - PROPOSED GRATE
 - DETECTABLE WARNING
 - REMOVE EXIST. CONCRETE



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

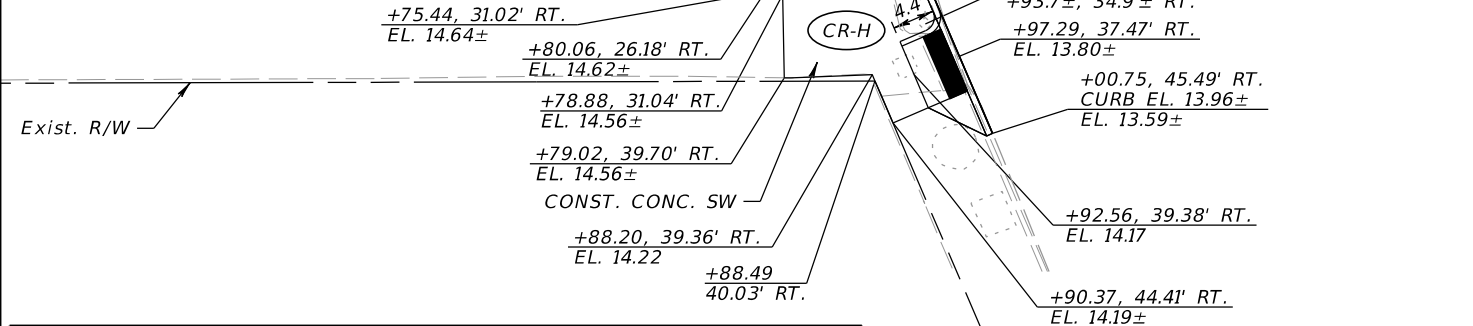
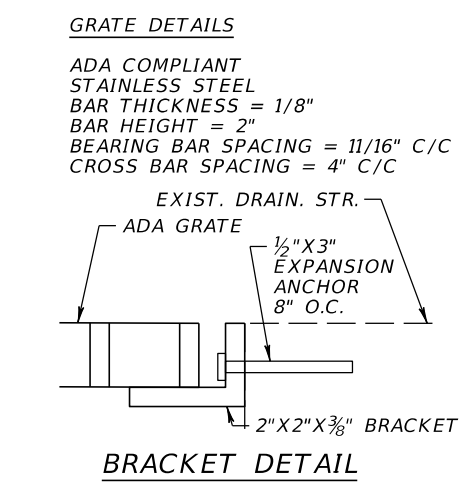
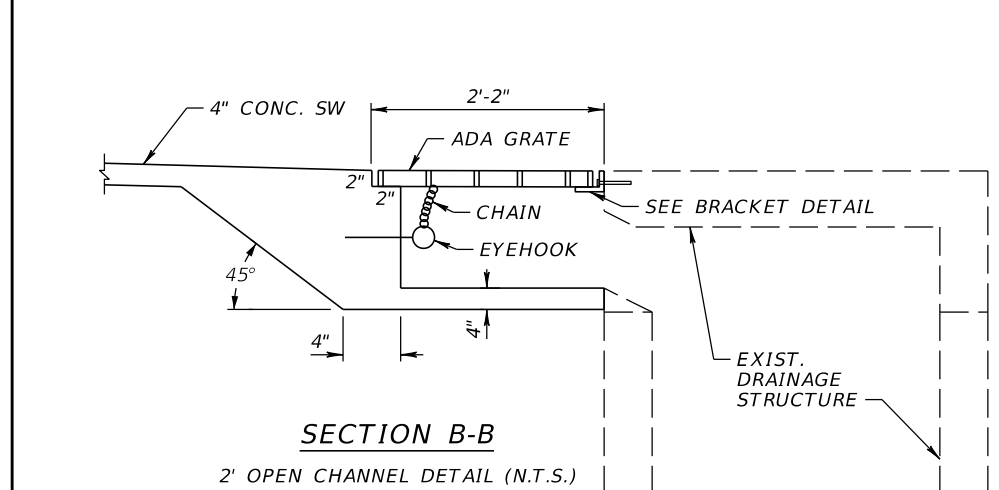
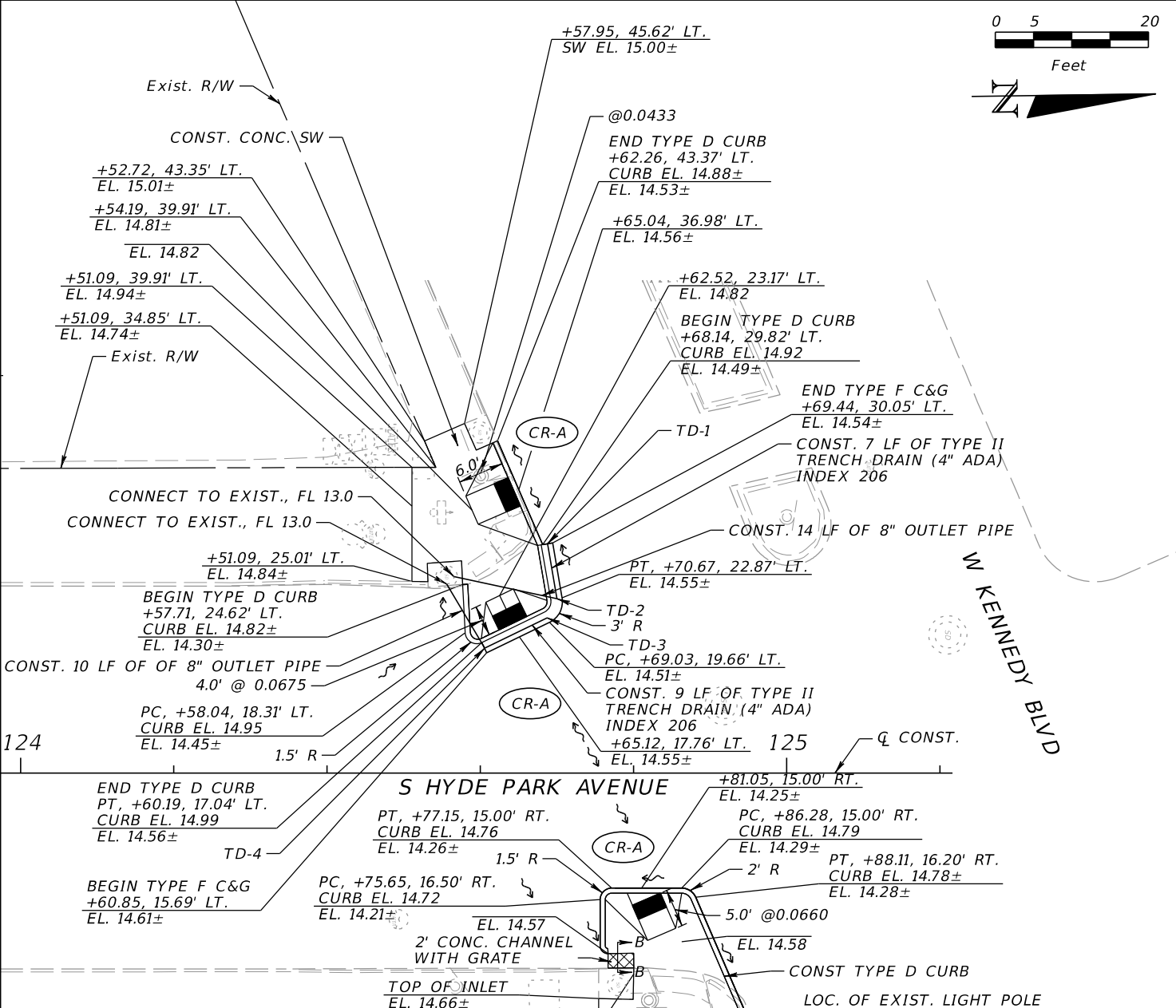
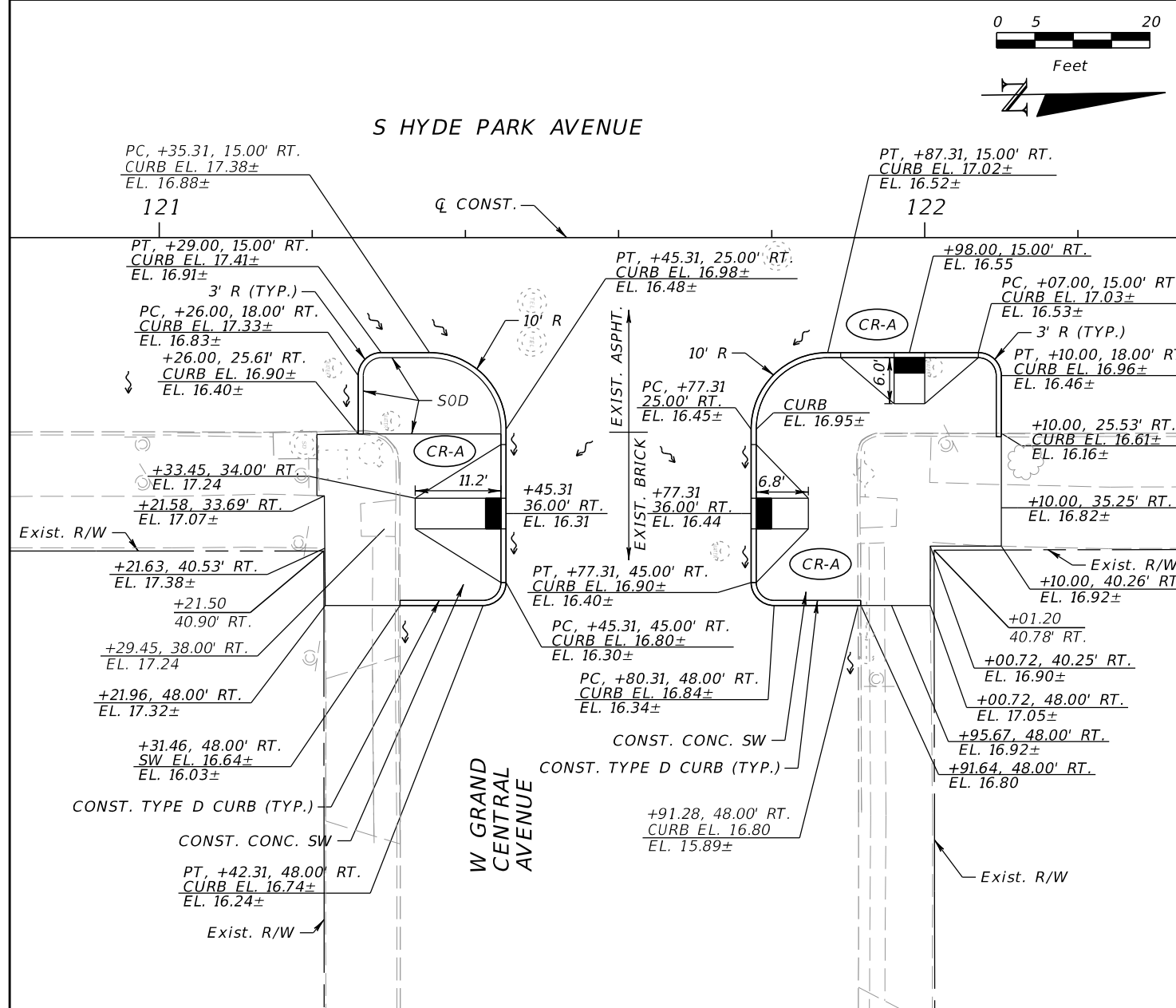
ELEMENT ENGINEERING GROUP
 1713 E. 9th AVENUE
 TAMPA, FL 33605
 CERTIFICATE OF AUTHORIZATION 26921
 DEREK M. GIL, P.E.
 P.E. LICENSE NUMBER: 54798

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	436013-2-58-01

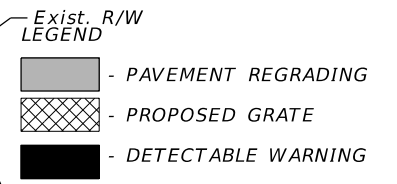
INTERSECTION DETAILS

SHEET NO.
13

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

CITY OF TAMPA
 DEPARTMENT OF TRANSPORTATION
 AND STORMWATER

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

INTERSECTION DETAILS

SHEET NO.
14

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TEMPORARY TRAFFIC CONTROL GENERAL NOTES

- THE EXISTING POSTED SPEED (30 AND 35 MPH) WILL BE MAINTAINED DURING CONSTRUCTION.
- 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.
- 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:	MESSAGE 2:
HYDE PARK AV CONST	CONST BEGINS XXXXXXXX (DAY OF WEEK)

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

MESSAGE 1:	MESSAGE 2:
HYDE PARK AV CONST	SEEK ALTRNATE ROUTE

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

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

MESSAGE 1:	MESSAGE 2:
LANE CLOSED AHEAD	MERGE LEFT (OR RIGHT AS APPROPRIATE)

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

- 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.

- 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.

- THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION VISIBLE DURING CONSTRUCTION OPERATIONS TO FACILITATE EMERGENCY VEHICLE TRAFFIC.

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

- 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.

- 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.

- 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.

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

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 THERMOPLASTIC MARKING MATERIALS.

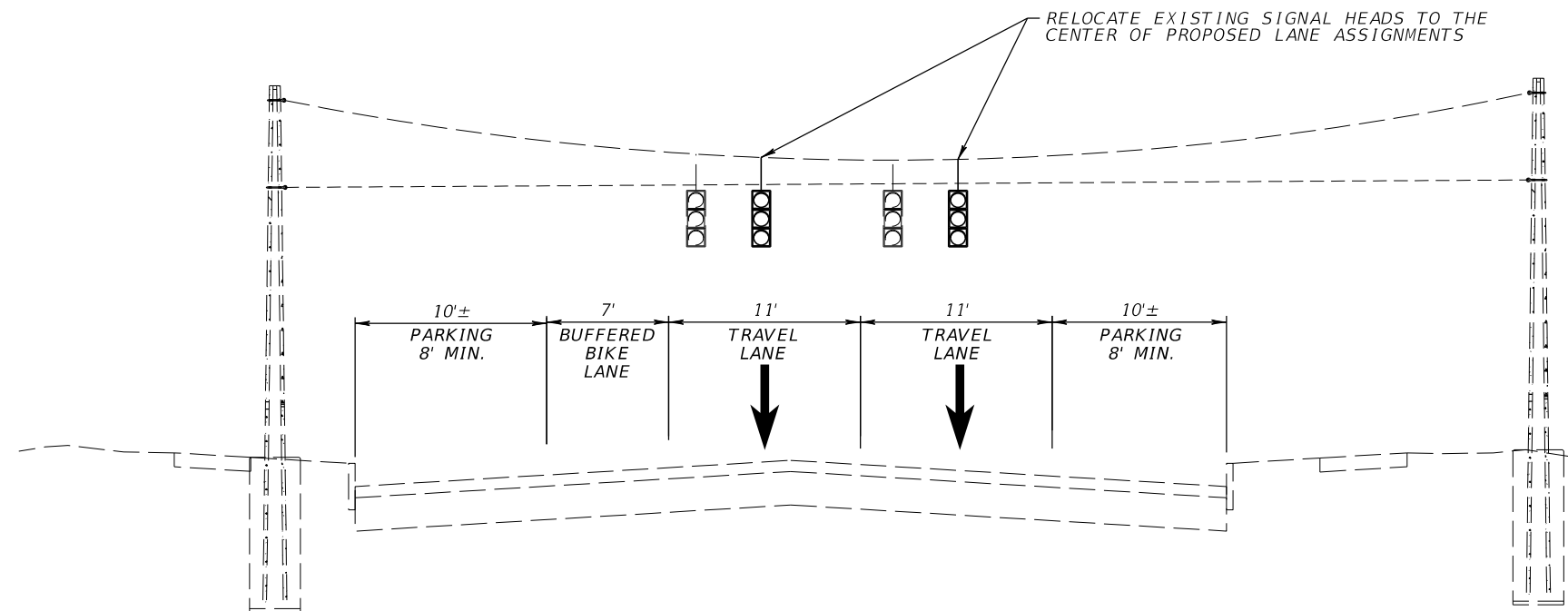
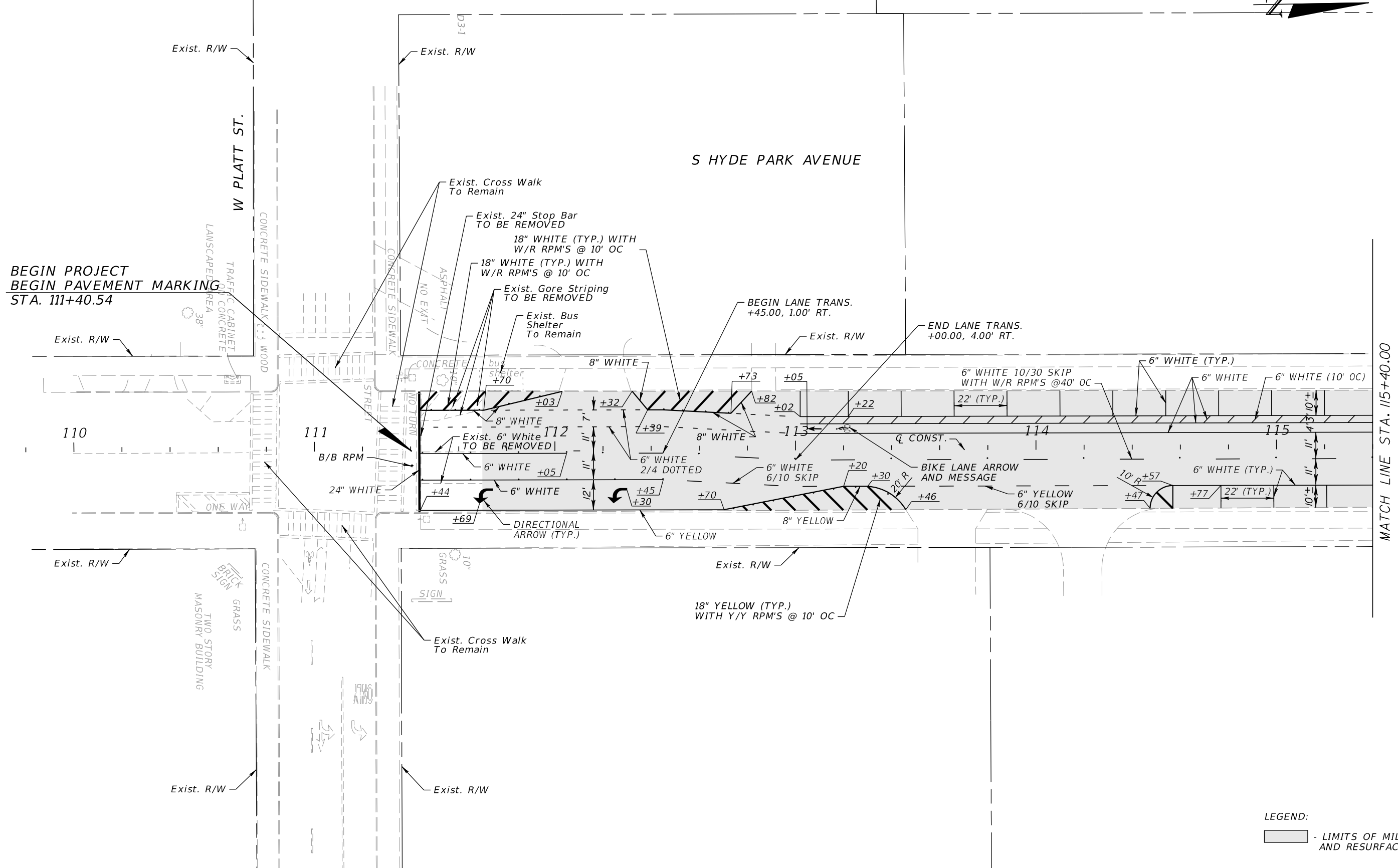
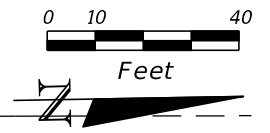


FIGURE 1: PROPOSED LOCATION OF SIGNAL HEADS

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		17
					NA	HILLSBOROUGH	436013-2-58-01		

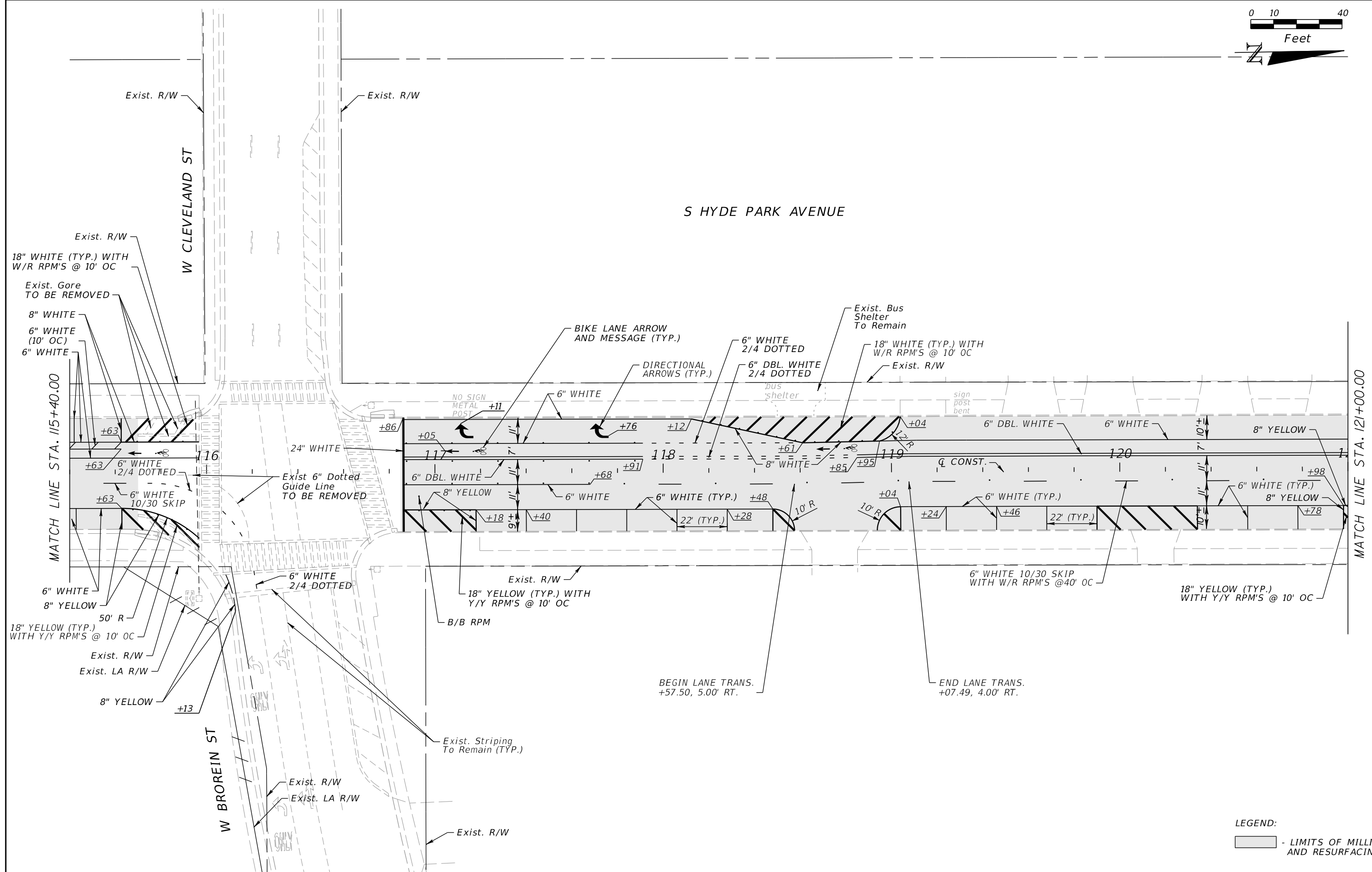
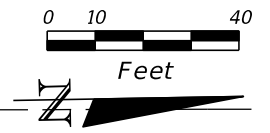
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LEGEND:
 [Shaded Area] - LIMITS OF MILLING AND RESURFACING

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. 18
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				NA	HILLSBOROUGH	436013-2-58-01			

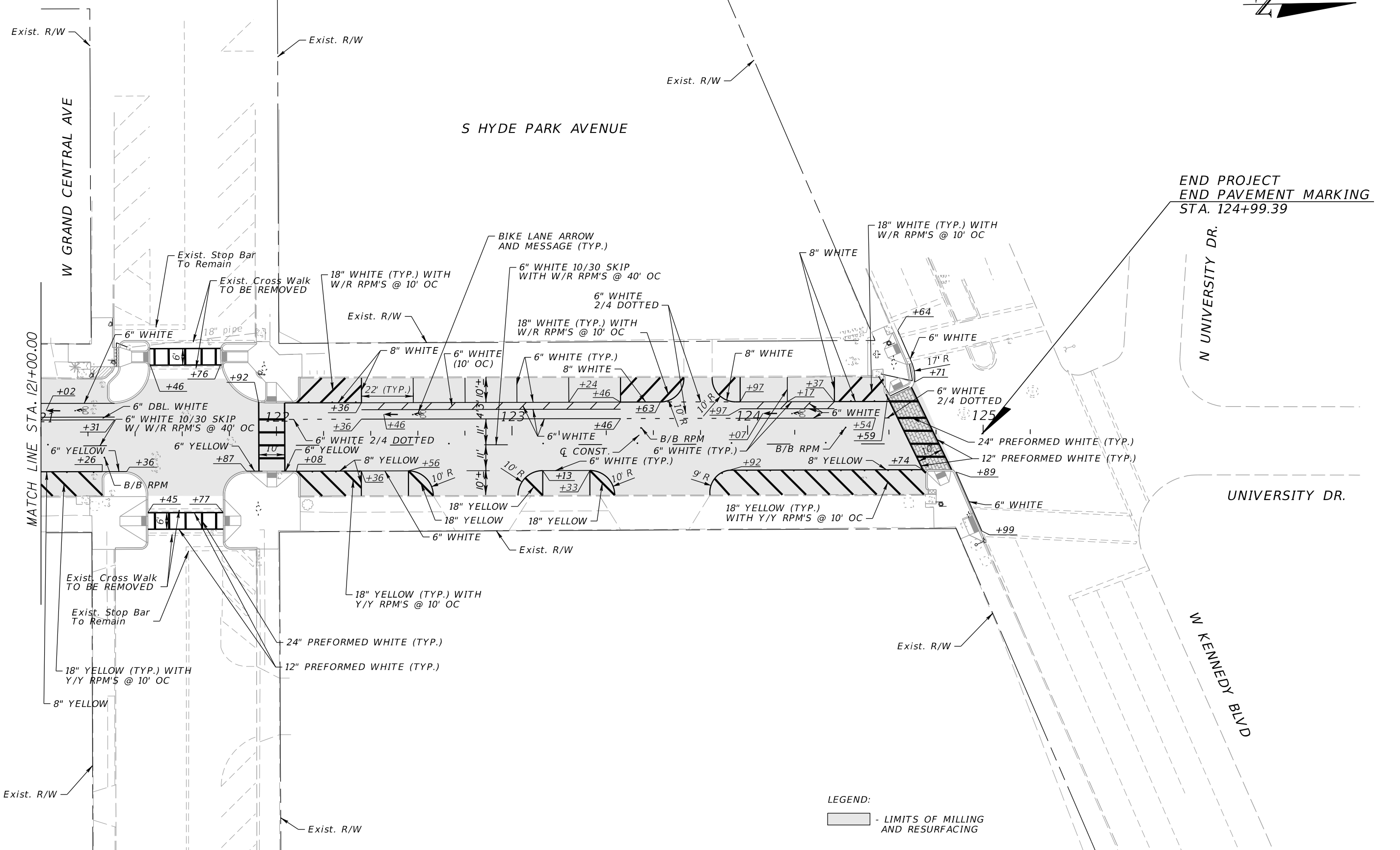
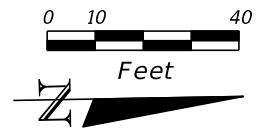
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LEGEND:
 - LIMITS OF MILLING AND RESURFACING

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

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END PROJECT
END PAVEMENT MARKING
STA. 124+99.39

LEGEND:

- LIMITS OF MILLING AND RESURFACING

REVISIONS	
DATE	DESCRIPTION

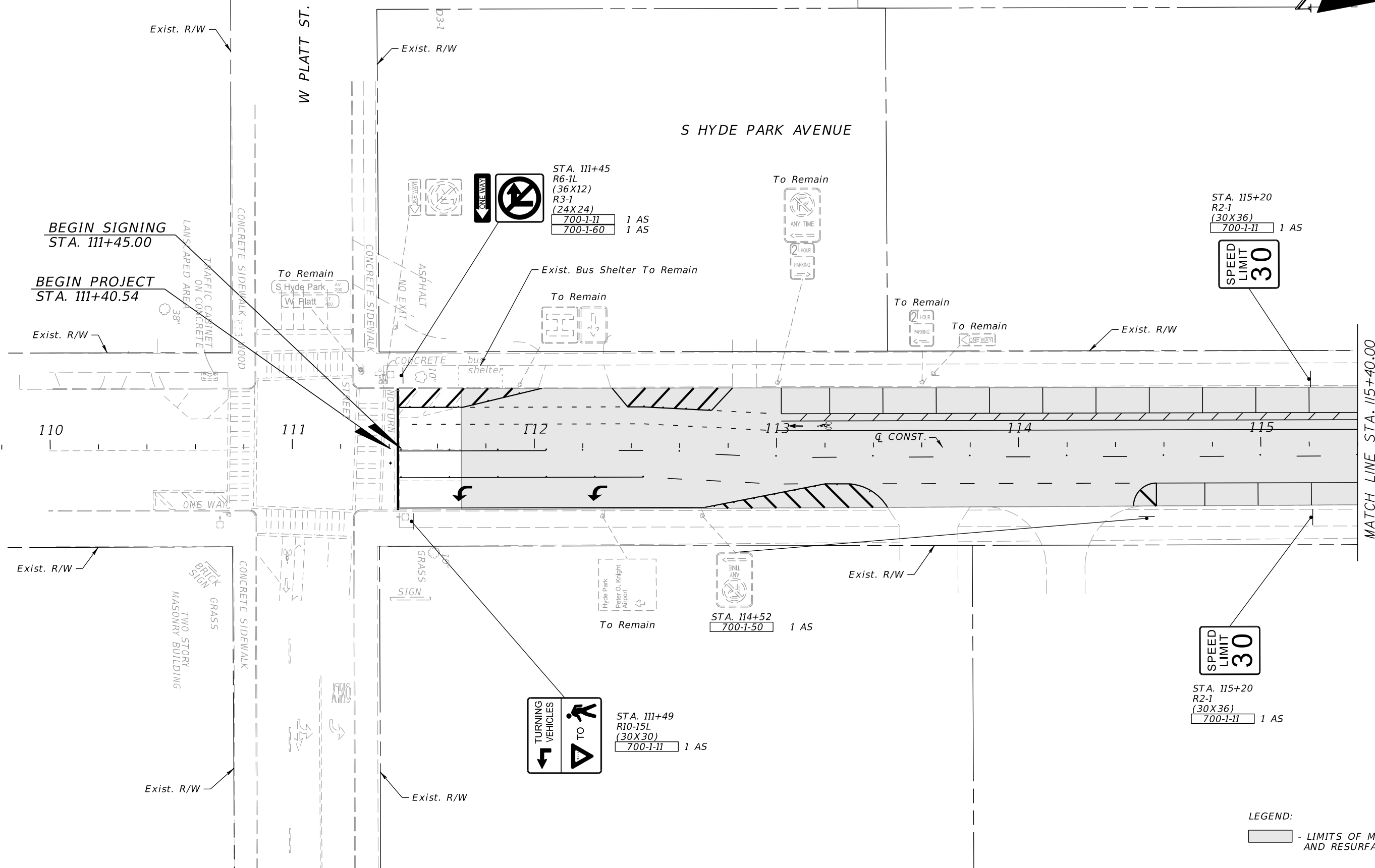
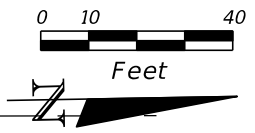
ELEMENT ENGINEERING GROUP
1713 E. 9th AVENUE
TAMPA, FL 33605
CERTIFICATE OF AUTHORIZATION 26921
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P.E. LICENSE NUMBER: 54798

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	436013-2-58-01

PAVEMENT MARKING PLAN

SHEET NO.
20

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LEGEND:
 - LIMITS OF MILLING AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

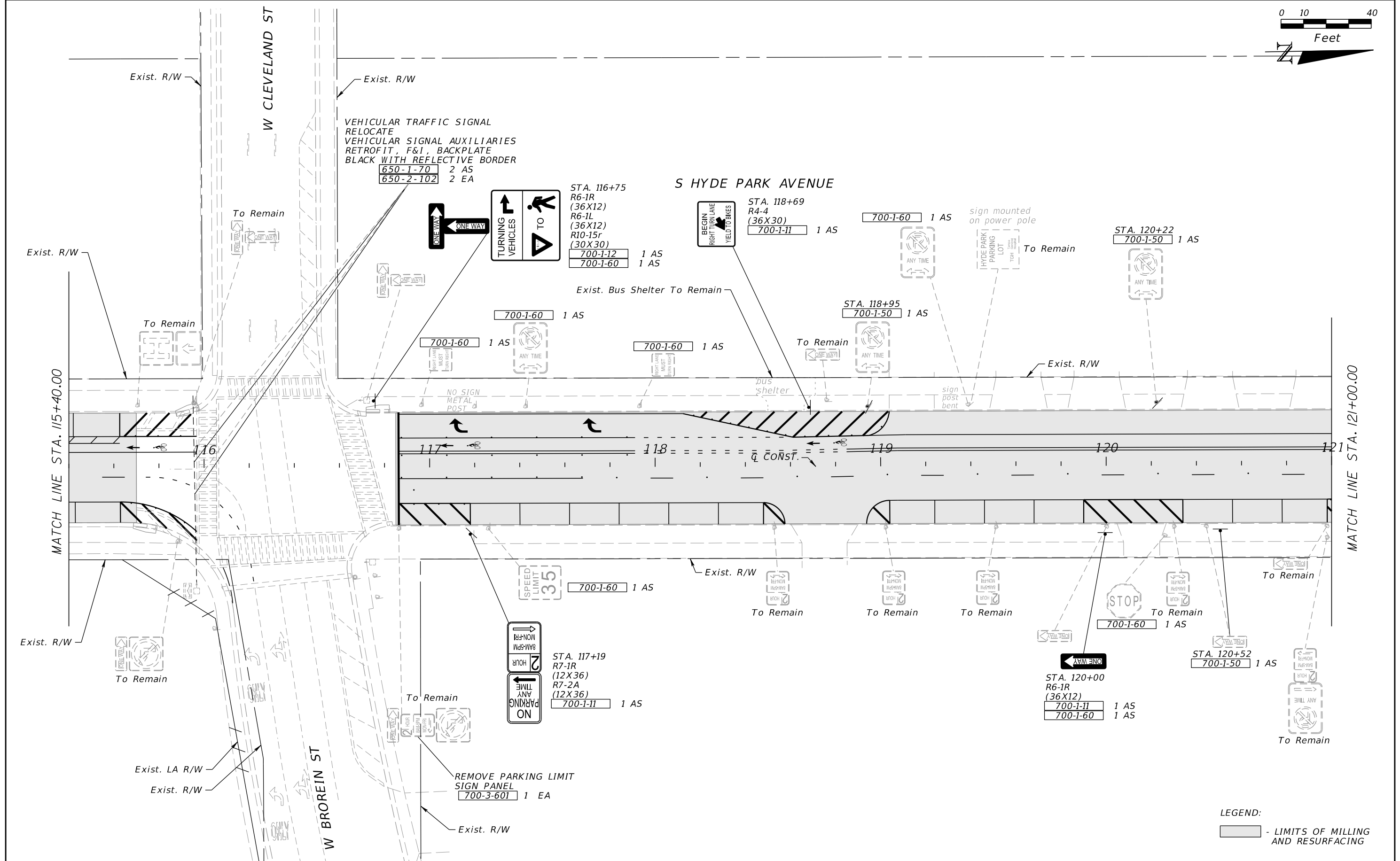
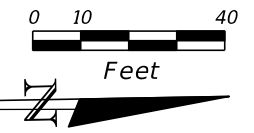
ELEMENT ENGINEERING GROUP
 1713 E. 9th AVENUE
 TAMPA, FL 33605
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CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	436013-2-58-01

SIGNING PLAN

SHEET NO.
21

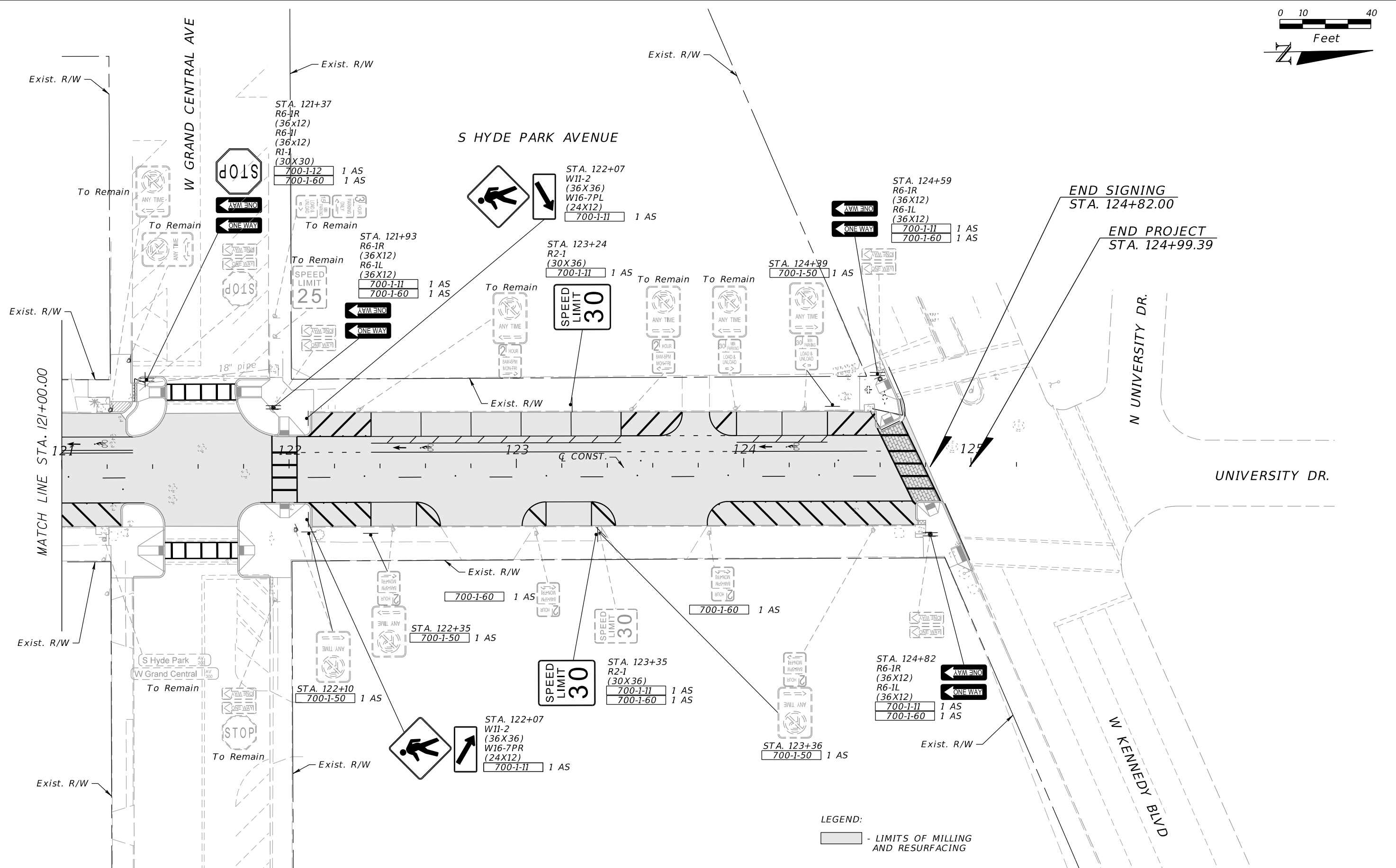
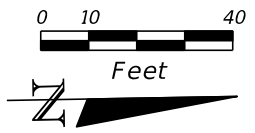
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LEGEND:
 - LIMITS OF MILLING AND RESURFACING

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

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

CITY OF TAMPA DEPARTMENT OF TRANSPORTATION AND STORMWATER		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	HILLSBOROUGH	436013-2-58-01

SIGNING PLAN

SHEET NO.
23

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

SIGNAL DISPLAY DETAILS



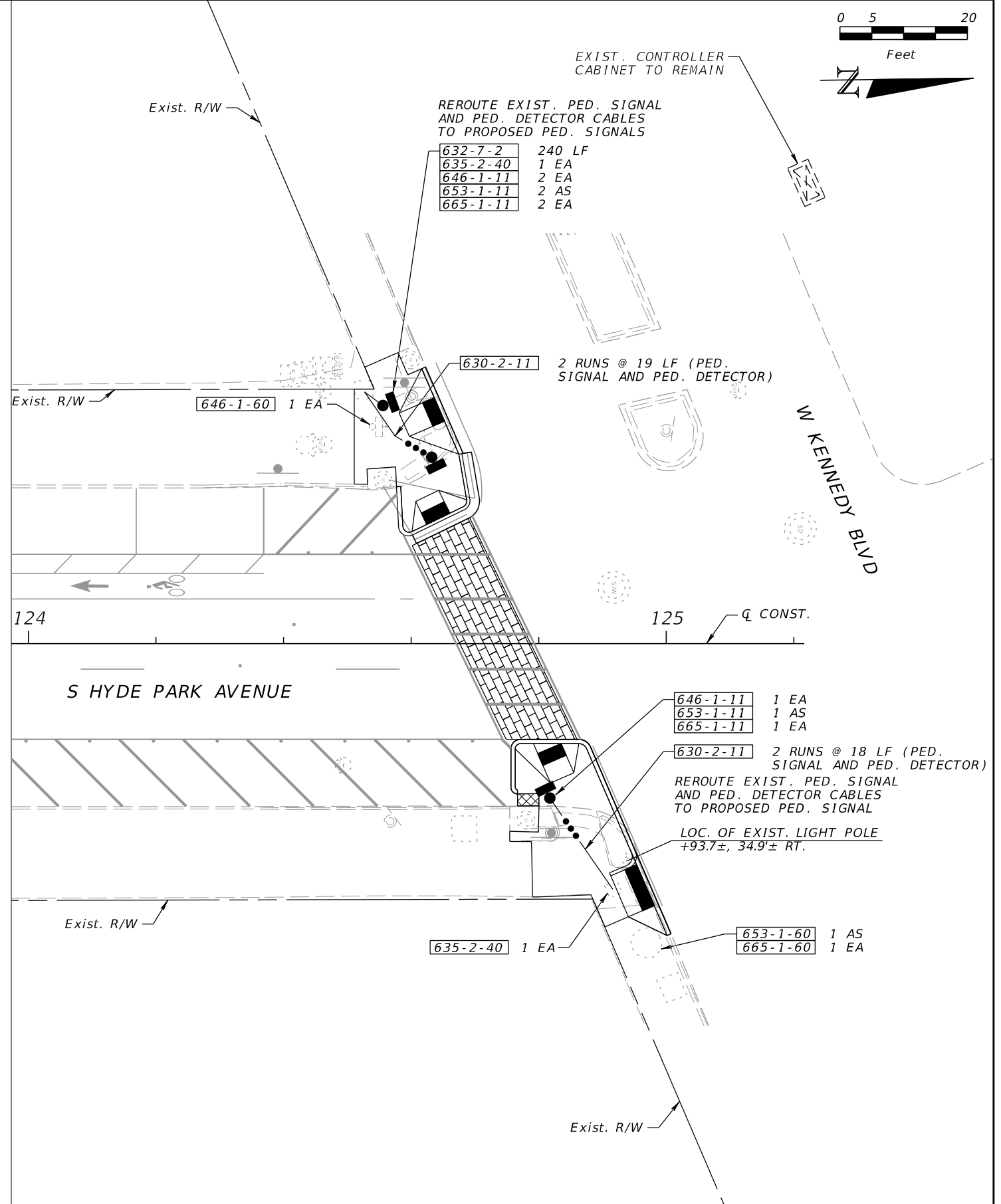
PED. SIGNAL
COUNT-DOWN
1-SECT., 1-WAY

SIGNALIZATION PAY ITEM NOTES

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

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