

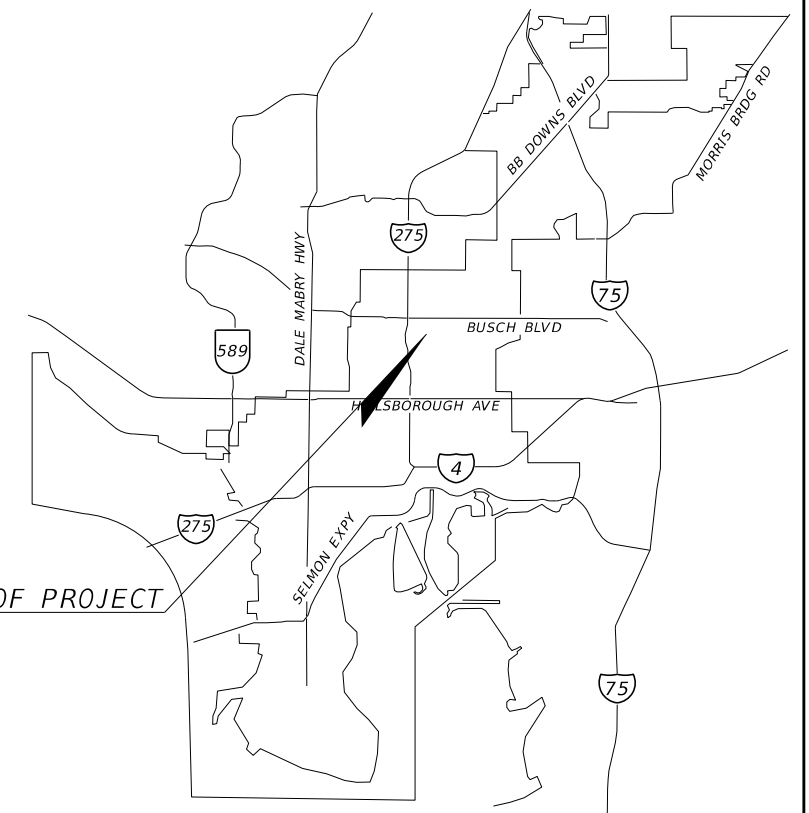
CONTRACT PLANS COMPONENTS

ROADWAY PLANS
WATERLINE RELOCATION PLANS

**CITY OF TAMPA
MOBILITY DEPARTMENT**

CONTRACT PLANS

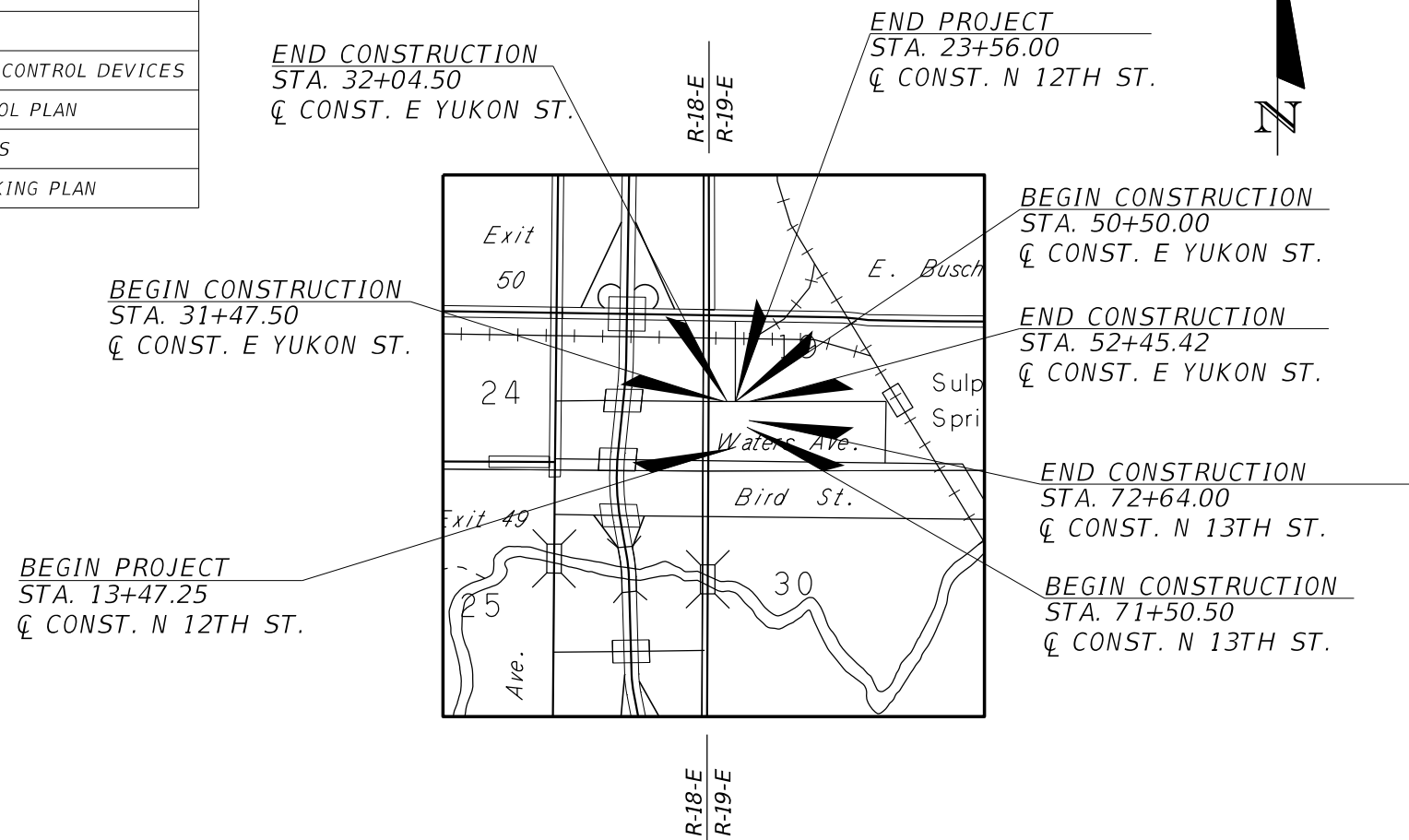
FINANCIAL PROJECT ID 443582-1-58-01
(FEDERAL FUNDS)
SULPHUR SPRINGS K-8 VARIOUS LOCATIONS
SAFE ROUTES TO SCHOOL



LOCATION OF PROJECT



INDEX OF DRAWINGS	
SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3-5	SUMMARY OF PAY ITEMS
6-9	TYPICAL SECTION
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11	GENERAL NOTES
12	PROJECT LAYOUT
13-19	ROADWAY PLAN
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22-23	PROPOSED DRAINAGE STRUCTURES
24-26	CROSS SECTIONS
27	DRIVEWAY SECTION
28	SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES
29-31	TEMPORARY TRAFFIC CONTROL PLAN
32-38	UTILITY ADJUSTMENTS
39-46	SIGNING AND PAVEMENT MARKING PLAN



**PHASE IV SUBMITTAL
DECEMBER 13, 2021**

ROADWAY PLANS
ENGINEER OF RECORD:
MERIAM GARDNER
P.E. NO. 86470
FLORIDA TRANSPORTATION ENGINEERING, INC.
11458 N. 53rd STREET
TAMPA, FLORIDA 33617
CONTRACT NO.: 18-D-48507
VENDOR NO.: F65-0183924

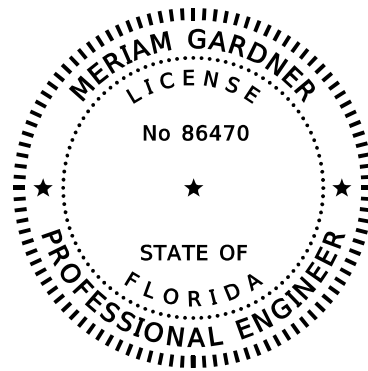
CITY OF TAMPA PROJECT MANAGER
JOLANTA OLBINSKA, P.E.

GOVERNING STANDARDS AND SPECIFICATIONS
FLORIDA DEPARTMENT OF TRANSPORTATION FY
2022-23 DESIGN STANDARDS AND REVISED
INDEX DRAWING AS APPENDED HEREIN, AND
JANUARY 2022 STANDARD SPECIFICATIONS FOR
ROAD AND BRIDGE CONSTRUCTION, AS
AMENDED BY CONTRACT DOCUMENTS AND THE
CITY OF TAMPA.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T-0000	23	1

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

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY



ON THE DATE ADJACENT TO THE SEAL

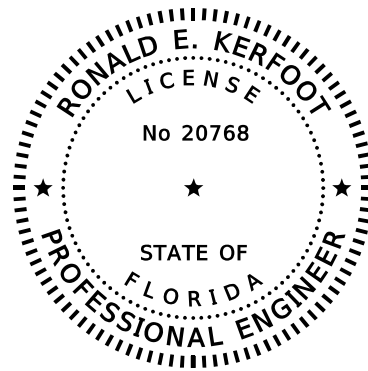
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FLORIDA TRANSPORTATION ENGINEERING, INC
11458 N. 53RD STREET
TAMPA, FLORIDA 33617
MERIAM GARDNER, P.E. 86470

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

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
6-9	TYPICAL SECTION
11	GENERAL NOTES
12	PROJECT LAYOUT
13-19	ROADWAY PLAN
20-21	INTERSECTION GRADING DETAIL
24-26	CROSS SECTIONS
27	DRIVEWAY SECTION
28	SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES
29-31	TEMPORARY TRAFFIC CONTROL PLAN
32-38	UTILITY ADJUSTMENTS

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY



ON THE DATE ADJACENT TO THE SEAL

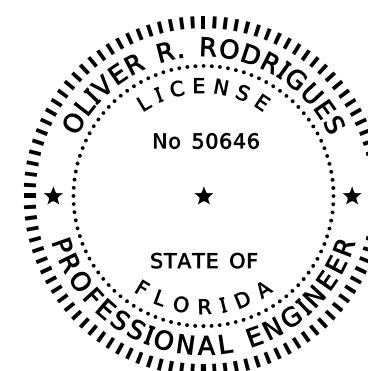
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AIM ENGINEERING & SURVEYING, INC.
3802 CORPOREX PARK DR
TAMPA, FLORIDA 33619
RONALD E. KERFOOT, P.E. 20768

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

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
4	SUMMARY OF PAY ITEMS
10	SUMMARY OF DRAINAGE STRUCTURES
22-23	PROPOSED DRAINAGE STRUCTURES

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY



ON THE DATE ADJACENT TO THE SEAL

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FLORIDA TRANSPORTATION ENGINEERING, INC
11458 N. 53RD STREET
TAMPA, FLORIDA 33617
OLIVER R. RODRIGUES, P.E. 50646

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

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
5	SUMMARY OF PAY ITEMS
39-46	SIGNING AND PAYMENT MARKING PLAN

MERIAM GARDNER, P.E.
P.E. LICENSE NUMBER 86470
FLORIDA TRANSPORTATION ENGINEERING, INC.
11458 NORTH 53RD STREET
TAMPA, FLORIDA 33617

CITY OF TAMPA MOBILITY DEPARTMENT

STREET	COUNTY	FINANCIAL PROJECT ID
	HILLSBOROUGH	443582-1-58-01

SIGNATURE SHEET

SHEET NO.

2

SUMMARY OF PAY ITEMS - ROADWAY

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY			
			N 12TH STREET	E YUKON STREET	N 13TH STREET	TOTAL
101-1	MOBILIZATION	LS				1
102-1	MAINTENACE OF TRAFFIC	LS				1
102-60	WORK ZONE SIGN	ED	1980	450	450	2880
102-74-1	CHANNELIZING DEVICE- TYPES 1, 11, DI, VP, DRUM, OR LCD	ED	1500	750	750	3000
102-74-8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	5760	1440	1440	8640
102-99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	150			150
102-115	TYPE III BARRICADE	ED	270			270
102-913-23	REMOVABLE TAPE, WHITE, 24" STOP BAR	LF	88			88
102-913-24	REMOVABLE TAPE, WHITE, 12" CROSSWALK	LF	176			176
104-10-3	SEDIMENT BARRIER	LF	545			545
104-18	INLET PROTECTION SYSTEM	EA	11	3	3	17
110-1-1	CLEARING & GRUBBING	LS/AC	0.152	0.064	0.029	1
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	513	25	102	640
120-1	REGULAR EXCAVATION	CY	28.3	12.7	13.7	55
120-6	EMBANKMENT	CY	68.2	7.4	3.2	79
285-715	OPTIONAL BASE, BASE GROUP 15 (TYPE B-12.5)	SY	298		17	315
327-70-1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	SY	840.5	50.6	355.5	1247
331-2-1	SUPERPAVE ASPHALTIC CONCRETE TYPE S-1	TN	31.8		1.9	33.7
331-2-3	SUPERPAVE ASPHALTIC CONCRETE TYPE S-3	TN	79.0	19.6	5.0	103.6
400-0-11	CONCRETE CLASS NS, GRAVITY WALL INDEX 400-011	CY	6.62		4.42	11.0
400-0-13	CONCRETE CLASS NS, STEPS	CY			2	2
425-5-1	MANHOLE, ADJUST, UTILITIES	EA	4		1	5
515-1-2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	55		60	115
520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	140		17	157
520-2-4	TYPE D CONCRETE CURB	LF	44	63	38	145
520-1-22	MIAMI CURB	LF	462	54	27	543
522-1	CONCRETE SIDEWALK 4" TK	SY	114		116	230
522-2	CONCRETE SIDEWALK 6" TK	SY	200	126	35	361
527-2	DETECTABLE WARNING DEVICES	SF	174	48	66	288
570-1-2	PERFORMANCE TURF, SOD	SY	404	234	41	679

REVISIONS				MERIAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT			SHEET NO. 3
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY	FINANCIAL PROJECT ID	
					HILLSBOROUGH	443582-1-58-01		

SUMMARY OF PAY ITEMS - DRAINAGE

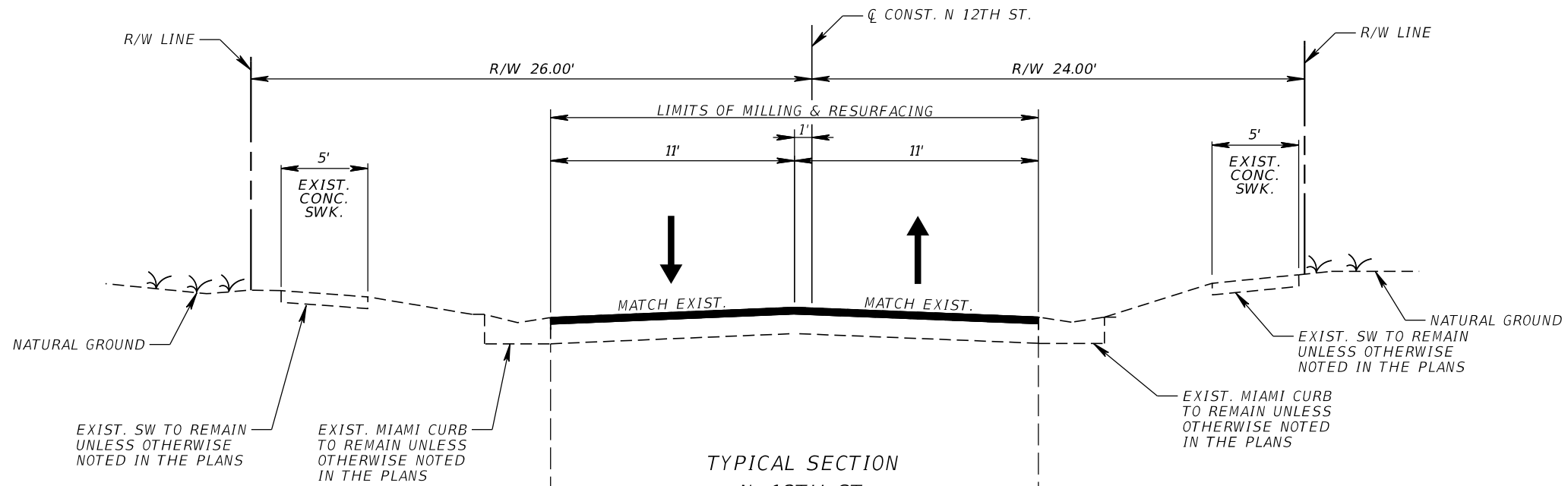
PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY		
			N 12TH STREET	N 13TH STREET	TOTAL
430-175-115	PIPE CULVERT, CLASS III RCP, ROUND, 15" S/CD	LF	24		24
430-175-118	PIPE CULVERT, CLASS III RCP, ROUND, 18" S/CD	LF	61	8	69
430-175-215	PIPE CULVERT, CLASS III RCP, OTHER-ELIP/ARCH, 15" S/CD	LF	46		46
430-963-1	PVC PIPE FOR BACK OF SIDEWALK, 4"	LF		26	26
425-1-021	INLETS, CURB, CITY OF TAMPA TYPE 2, <10'	EA	3		3
425-1-031	INLETS, CURB, CITY OF TAMPA TYPE BS-1, <10'	EA	1		1
425-1-041	INLETS, DT BOT, CITY OF TAMPA, TYPE E, <10'	EA		1	1
425-5	MANHOLE, ADJUST	EA	2		2

REVISIONS				AIM ENGINEERING & SURVEYING, INC. RONALD E. KERFOOT, P.E., P.S.M. P.E. LICENSE NUMBER 20768 3802 CORPOREX PARK DRIVE TAMPA, FLORIDA 33619	CITY OF TAMPA MOBILITY DEPARTMENT			SUMMARY OF PAY ITEMS (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY	FINANCIAL PROJECT ID		4
						HILLSBOROUGH	443582-1-58-01		

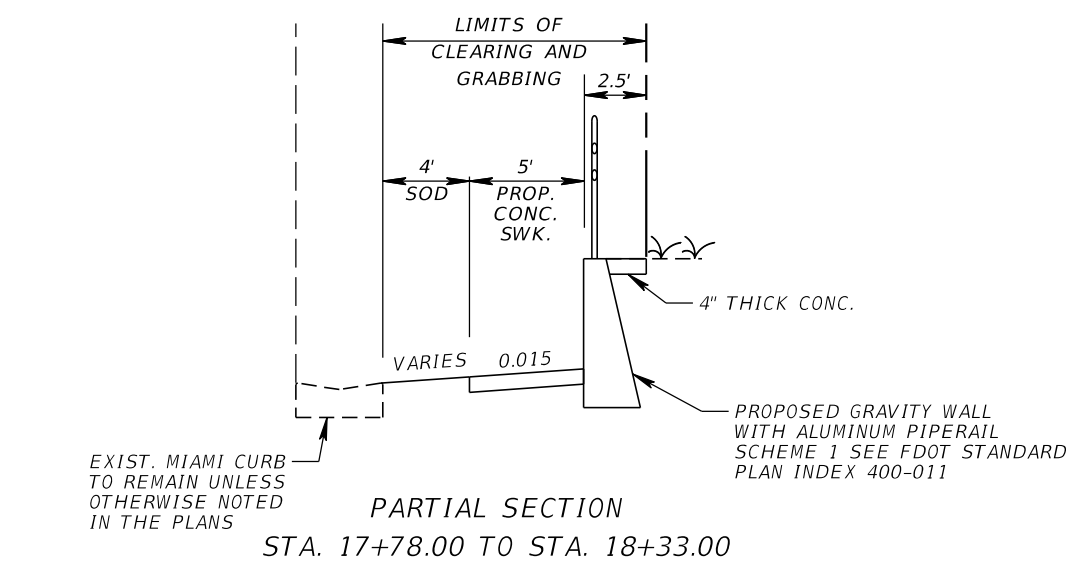
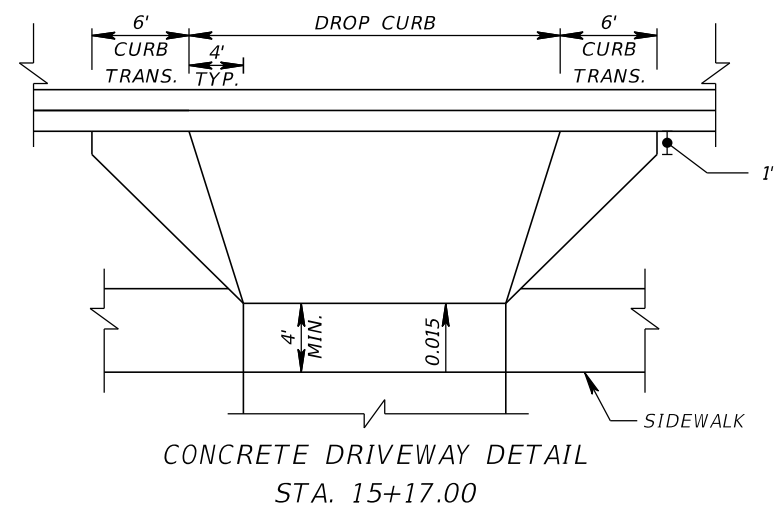
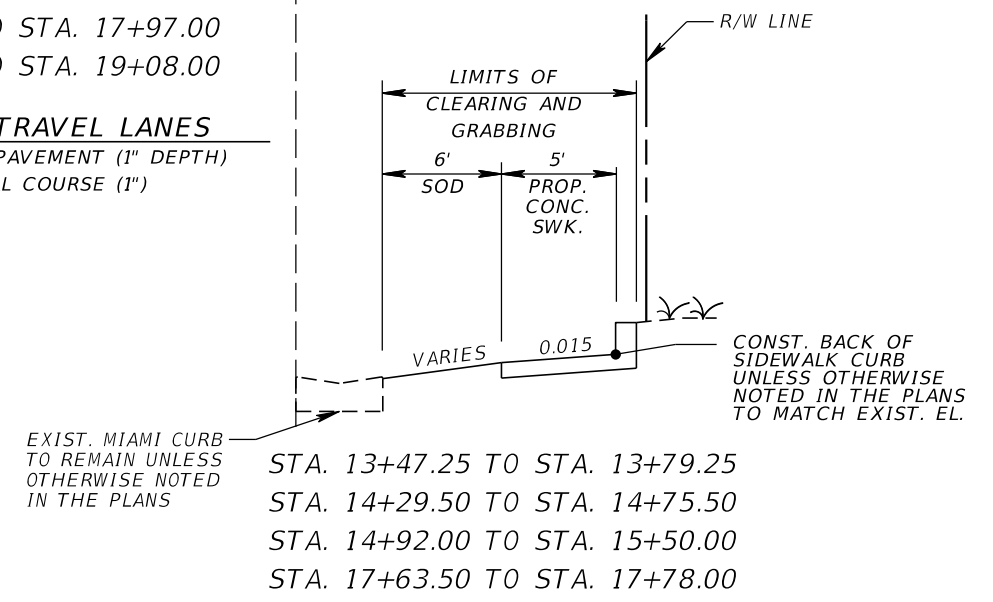
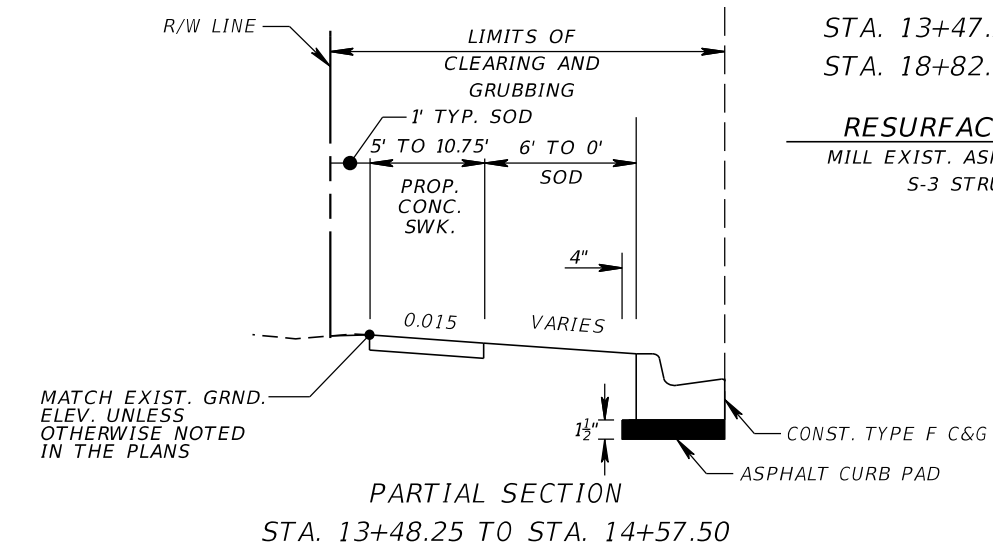
SUMMARY OF PAY ITEMS - SIGNING AND PAVEMENT MARKING

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY			
			N 12TH STREET	N 13TH STREET	E. YUKON STREET	TOTAL
700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	8	1	4	13
700-1-12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	1			1
700-1-50	SINGLE POST SIGN, RELOCATE	AS	2	1		3
700-1-60	SINGLE POST SIGN, REMOVE	AS	6			6
700-3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	2			2
700-13-15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	9	1	4	14
706-1-3	RAISED PAVEMENT MARKER, TYPE B (YELLOW/YELLOW)	EA	12			12
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	400	162	101	663
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	76	23		99
711-11-130	THERMOPLASTIC, STANDARD, WHITE, VERTICAL DEFLECTION MARKING	EA	3			3
711-11-140	THERMOPLASTIC, STANDARD, WHITE, VERTICAL DEFLECTION ADVANCE WARNING MARKING	EA	2			2
711-11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	1			1
711-14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	440	165	72	677
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.046	0.008		0.054

<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>OLIVER REMY RODRIGUES, P.E., P.T.O.E. P.E. LICENSE NUMBER 50646 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617</p>	<p align="center">CITY OF TAMPA MOBILITY DEPARTMENT</p> <table border="1"> <thead> <tr> <th>STREET</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td> </td> <td>HILLSBOROUGH</td> <td>443582-1-58-01</td> </tr> </tbody> </table>	STREET	COUNTY	FINANCIAL PROJECT ID		HILLSBOROUGH	443582-1-58-01	<p align="center">SUMMARY OF PAY ITEMS (3)</p>	<p align="center">SHEET NO. 5</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																		
STREET	COUNTY	FINANCIAL PROJECT ID																			
	HILLSBOROUGH	443582-1-58-01																			



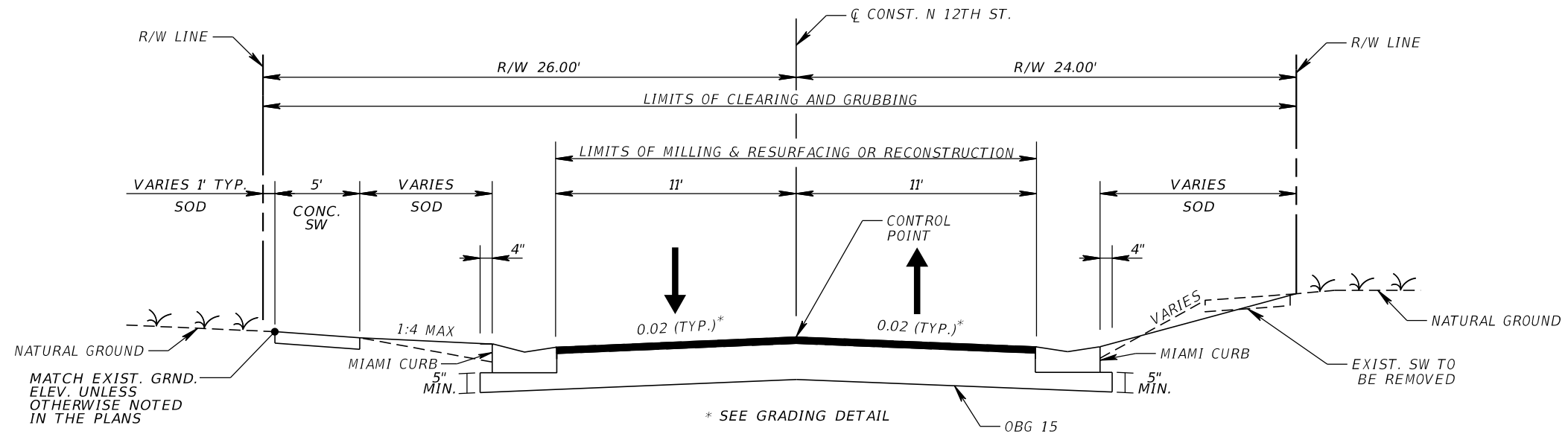
TYPICAL SECTION
N. 12TH ST.
 STA. 13+47.25 TO STA. 17+97.00
 STA. 18+82.50 TO STA. 19+08.00
RESURFACING TRAVEL LANES
 MILL EXIST. ASPHALT PAVEMENT (1" DEPTH)
 5-3 STRUCTURAL COURSE (1")



TRAFFIC DATA

DESIGN SPEED = 30 MPH
 POSTED SPEED = 25 MPH

REVISIONS				MERIAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT			TYPICAL SECTION (1)	SHEET NO. 6
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY	FINANCIAL PROJECT ID		
					HILLSBOROUGH	443582-1-58-01			



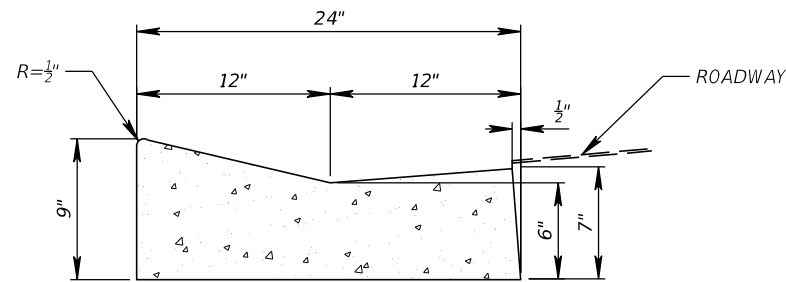
TYPICAL SECTION
 N. 12TH ST.
 STA. 17+97.00 TO STA. 18+82.50

PAVEMENT RECONSTRUCTION

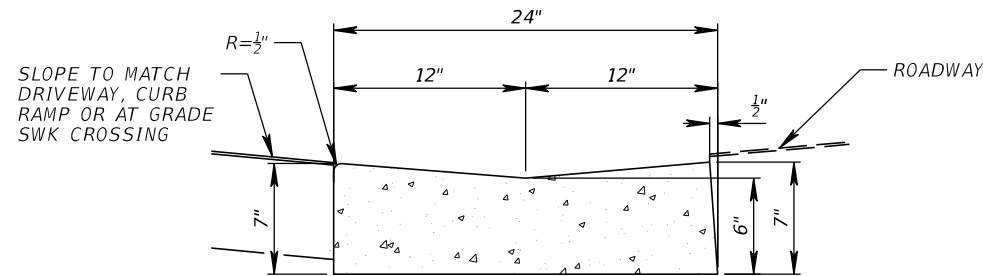
- OPTIONAL BASE GROUP 15 (TYPE B-12.5)
- S-1 STRUCTURAL COURSE (2")
- S-3 STRUCTURAL COURSE (1")

RESURFACING SIDE STREET RETURNS

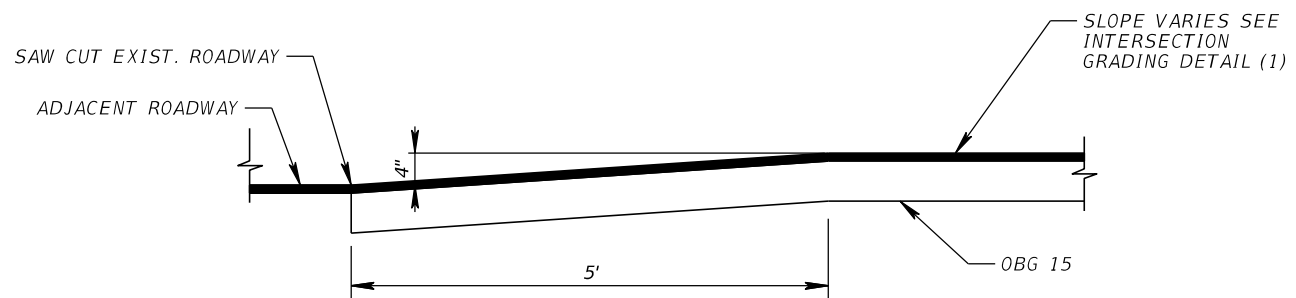
- MILL EXIST. ASPHALT PAVEMENT (1" DEPTH)
- S-3 STRUCTURAL COURSE (1")



MIAMI CURB SECTION VIEW



MIAMI DROP CURB SECTION VIEW

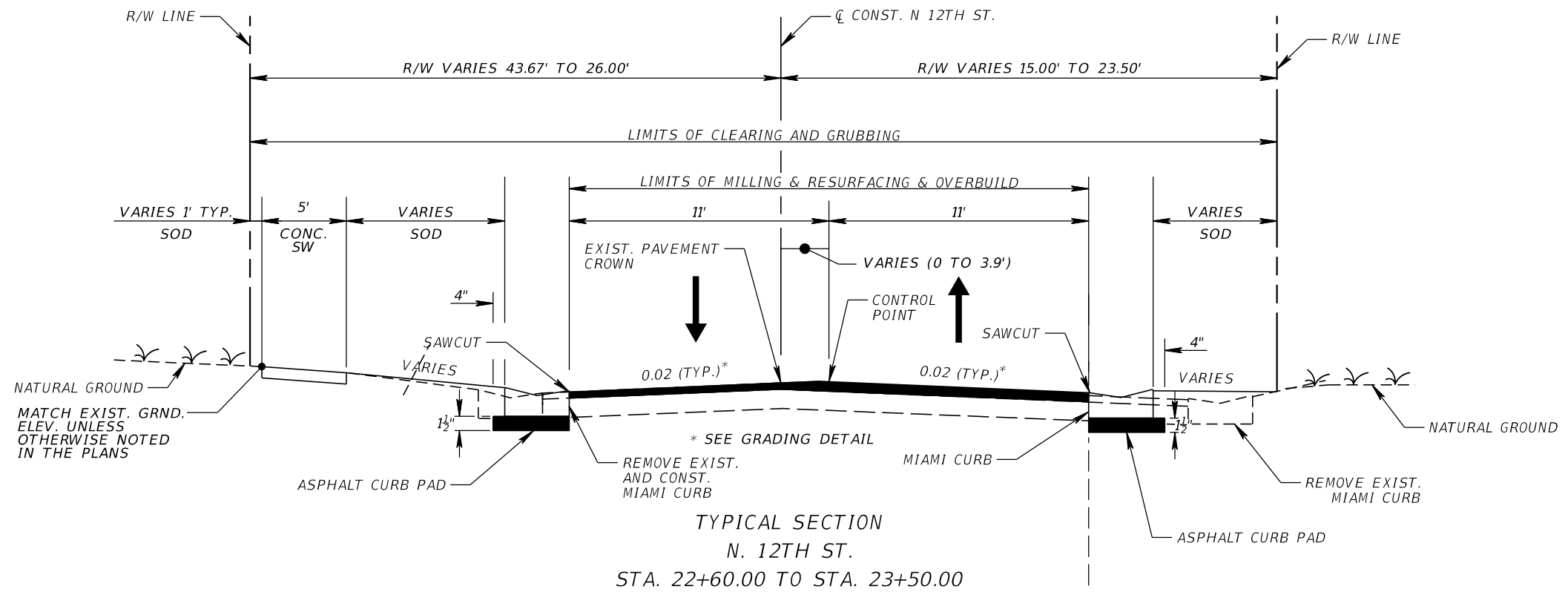


RAISED INTERSECTION APPROACH DETAIL

TRAFFIC DATA

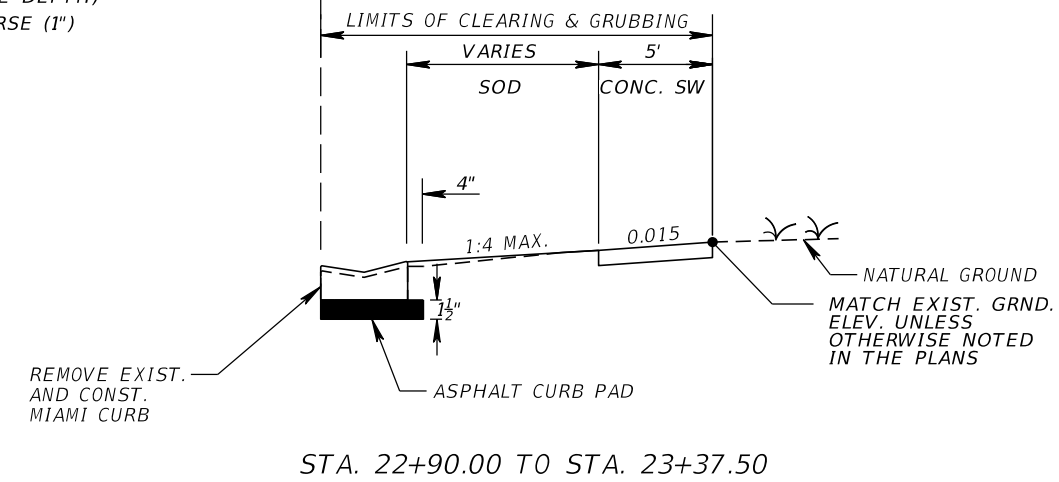
DESIGN SPEED = 30 MPH
 POSTED SPEED = 25 MPH

REVISIONS				MERIAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT			TYPICAL SECTION (2)	SHEET NO. 7
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY	FINANCIAL PROJECT ID		
					HILLSBOROUGH	443582-1-58-01			



RESURFACING AND OVERBUILD TRAVEL LANES
MILL EXIST. ASPHALT PAVEMENT (1") DEPTH
S-1 OVERBUILD (VARIABLE DEPTH)
S-3 STRUCTURAL COURSE (1")

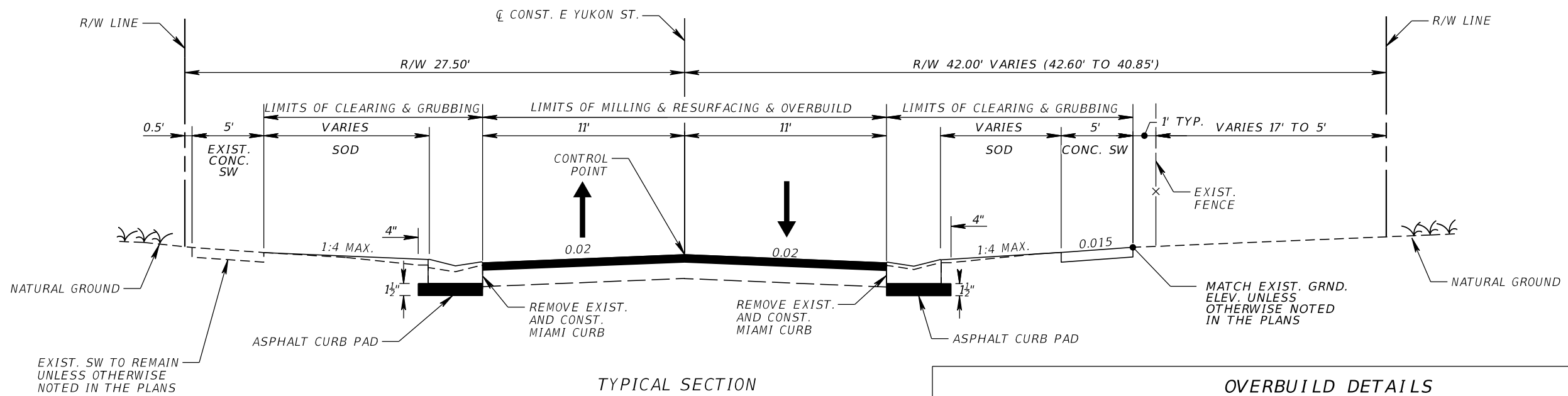
OVERBUILD DETAILS						
LOCATION		EXIST. SLOPE (%)	PROPOSED SLOPE (%)	MAX. DEPTH OF OVERBUILD (IN.)	WIDTH OF OVERBUILD (FT.)	AREA OF OVERBUILD (SQ. FT.)
STATION	LANE					
22+60	NORTHBOUND - INSIDE	(-) 1.5	EXIST.	0.0	0.0	0.0
23+00	NORTHBOUND - INSIDE	(-) 2.3	(-) 2.0	1.9	16.0	1.3
23+50	NORTHBOUND - INSIDE	(-) 2.3	EXIST.	0.0	0.0	0.0
22+60	SOUTHBOUND - INSIDE	(+) 2.9	EXIST.	0.0	0.0	0.0
23+00	SOUTHBOUND - INSIDE	(-) 0.6	(+) 2.0	1.3	3.8	0.2
23+50	SOUTHBOUND - INSIDE	(+) 1.6	EXIST.	0.0	0.0	0.0



TRAFFIC DATA

DESIGN SPEED = 30 MPH
POSTED SPEED = 25 MPH

REVISIONS				MERIAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT		SHEET NO. 8
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY	
					HILLSBOROUGH	FINANCIAL PROJECT ID 443582-1-58-01	TYPICAL SECTION (3)

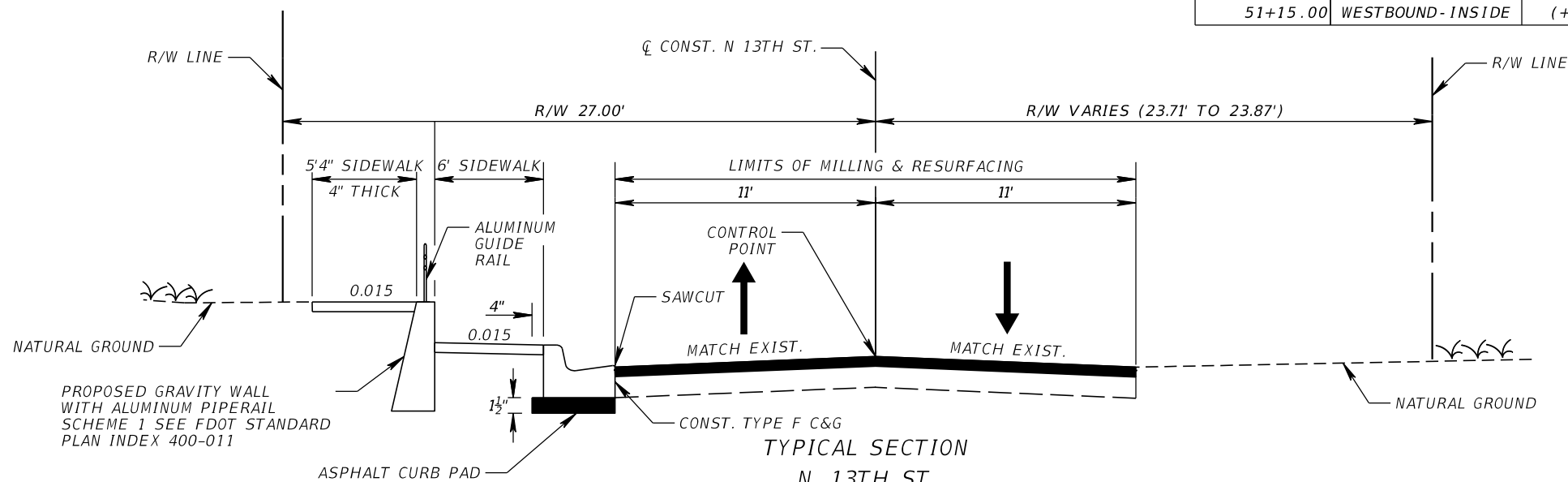


TYPICAL SECTION
E. YUKON ST.
STA. 50+50.00 TO STA. 52+45.42

RESURFACING AND OVERBUILD TRAVEL LANES

MILL EXIST. ASPHALT PAVEMENT (1") DEPTH
S-1 OVERBUILD (VARIABLE DEPTH)
S-3 STRUCTURAL COURSE (1")

LOCATION		EXIST. SLOPE (%)	PROPOSED SLOPE (%)	MAX. DEPTH OF OVERBUILD (IN.)	WIDTH OF OVERBUILD (FT.)	AREA OF OVERBUILD (SQ. FT.)
STATION	LANE					
50+67.26	EASTBOUND-INSIDE	(-) 1.2	(-) 0.8	2.0	14.4	2.2
51+00.00	EASTBOUND-INSIDE	(-) 2.2	(-) 2.0	2.2	10.0	1.7
51+15.00	EASTBOUND-INSIDE	(-) 2.9	EXIST.	0.0	0.0	0.0
50+67.22	WESTBOUND-INSIDE	(+) 0.5	(+) 0.6	1.1	40.8	1.9
51+00.00	WESTBOUND-INSIDE	(-) 0.6	(+) 2.0	1.5	10.0	0.8
51+15.00	WESTBOUND-INSIDE	(+) 1.6	EXIST.	0.0	0.0	0.0



TYPICAL SECTION
N. 13TH ST.
STA. 71+50.50 TO STA. 72+64.00

RESURFACING TRAVEL LANES

MILL EXIST. ASPHALT PAVEMENT (1") DEPTH
S-3 STRUCTURAL COURSE (1")

PAVEMENT WIDENING

OPTIONAL BASE GROUP 15 (TYPE B-12.5)
S-1 STRUCTURAL COURSE (2")
S-3 STRUCTURAL COURSE (1")

TRAFFIC DATA

DESIGN SPEED = 30 MPH
POSTED SPEED = 25 MPH

REVISIONS				MერიAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT			SHEET NO. 9
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY	FINANCIAL PROJECT ID	
					HILLSBOROUGH	443582-1-58-01	TYPICAL SECTION (4)	

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	PIPES				CURB INLETS		MANHOLES	DITCH BOTTOM INLETS	CROSS DRAIN MITERED END SECTIONS	REMARKS
						ROUND			OTHER	P-TYPE 2	P-TYPE BS-1	J-7	E	ROUND	
						15"	18"	4"	12"x18"	<10	<10	<10	<10	4"	
P F	S-1	13+92.22	LT.	BS-1 CURB INLET	24										INCLUDES (2) PIPE CUTTING AND CONCRETE JACKETS
P F	S-2	18+07.36	LT.	TYPE 2 CURB INLET		61			1						
P F	S-3	18+07.36	RT.	TYPE 2 CURB INLET				26	1						
P F	S-4	18+91.33	LT.	TYPE 2 CURB INLET				20	1						INCLUDES (2) PIPE CUTTING AND CONCRETE JACKETS
P F	S-5	71+74.92	LT.	TYPE E GRATE INLET		8						1			INCLUDES PIPE CUTTING AND CONCRETE JACKET
P F	S-6	72+31.5	LT.	SHALLOW DITCHES OUTFALL			26						2		(2)- 4" PVC PER FDOT INDEX
P F	EX-1	18+68.73	LT.	MODIFY EXIST. MANHOLE							1				ADJUST RIM CONNECT PIPE
P F															
P F															
P F															
P F															
P F															
P F															
P F															
P F															
P F															
SUBTOTAL - PLAN					24	69	26	46	3	1	1	1	2		
SUBTOTAL - FINAL															

INLET NOTES:
1.) INLET TYPES ARE CITY OF TAMPA STORMWATER STANDARDS.

REVISIONS				MERIAN GARDNER & ASSOCIATES, INC. REGISTERED PROFESSIONAL ENGINEER FLORIDA LICENSE NUMBER 126470 2368 ROWLE BROS BLDG TAMPA, FLORIDA 33604 33901	CITY OF TAMPA MOBILITY DEPARTMENT			SUMMARY OF DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY	FINANCIAL PROJECT ID		10
					HILLSBOROUGH	443582-1-58-01			

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

ROADWAY GENERAL NOTES

- BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- PROJECT IS BASED ON THE STATE PLANE COORDINATE SYSTEM, FLORIDA WEST ZONE, NAD 1983/2011 HORIZONTAL DATUM.
- SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:

BEN R. HOMOLA, P.S.M.
P.S.M. NO: 3950
AIM ENGINEERING AND SURVEYING INC.
3802 CORPOREX PARK DR, TAMPA, FL 33619

- THE BOUNDARY SURVEY WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:

CLEARANCE WADE, III, P.S.M.
P.S.M. NO: 4383
CITY OF TAMPA MOBILITY DEPARTMENT SURVEY SECTION
3808 E 26TH AVE, TAMPA, FL, 33605

- CURB RAMPS OPENINGS ARE 5 FEET IN WIDTH. DETECTABLE WARNINGS TO BE COLOR RED.

BENCHMARKS

502 SMND CITY OF TAMPA T. & S.S. SURVEY CONTROL 13+89.22 / 21.93 (LT.), C̄ CONST. N 12TH ST. Y: 1342608.906 X: 511839.335 EL. 35.05'	503 SMND CITY OF TAMPA T. & S.S. SURVEY CONTROL 18+42.49 / 19.34' (LT.), C̄ CONST. N 12TH ST. Y: 1343062.183 X: 511844.063 EL. 32.78'	504 SMND CITY OF TAMPA T. & S.S. SURVEY CONTROL 21+79.01 / 21.09' (LT.) C̄ CONST. N 12TH ST. Y: 1343405.904 X: 511852.837 EL. 36.00'	505 SMND CITY OF TAMPA T. & S.S. SURVEY CONTROL 50+68.01 / 21.19' (RT), C̄ CONST. E YUKON ST. Y: 1343480.010 X: 511966.207 EL. 35.76'
506 SMND CITY OF TAMPA T. & S.S. SURVEY CONTROL 52+91.33 / 21.64' (LT.), C̄ CONST. E YUKON ST. Y: 1343523.590 X: 512189.381 EL. 35.24'	507 SMND CITY OF TAMPA T. & S.S. SURVEY CONTROL 71+73.90 / 13.16' (LT.), C̄ CONST. N 13TH ST. Y: 1342820.361 X: 512154.311 EL. 35.27'	509 SMND CITY OF TAMPA T. & S.S. SURVEY CONTROL 24+02.15 / 20.67' (LT.), C̄ CONST. N 12TH ST. Y: 1343594.301 X: 511933.795 EL. 35.88'	510 SMND CITY OF TAMPA T. & S.S. SURVEY CONTROL STA. 31+57.42 / 66.3' (RT.), C̄ CONST. E YUKON ST. Y: 1343630.246 X: 511485.736 EL. 34.07'

LEGEND

- B/L = SURVEY BASELINE
P.O.T = POINT ON TANGENT
SMND = SET MAGNETIC NAIL AND DISK
SIRC = SET IRON ROD AND CAP
STA. = SURVEY BASELINE STATION

SIGNING AND PAVEMENT MARKING GENERAL NOTES

- ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET AND METHOD OF INSTALLATION.
- ALL PROPOSED SCHOOL WARNING AND PEDESTRIAN SIGNS TO BE RETROREFLECTIVE YELLOW GREEN.

REVISIONS				MერიAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT			GENERAL NOTES	SHEET NO. 11
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY	FINANCIAL PROJECT ID		
					HILLSBOROUGH	443582-1-58-01			

END CONSTRUCTION
STA. 32+04.50
☐ CONST. E. YUKON ST.

BEGIN CONSTRUCTION
STA. 31+47.50
☐ CONST. E. YUKON ST.

END PROJECT
STA. 23+56.00
☐ CONST. N. 12TH ST.

STA. 23+08.39 , ☐ N. 12TH ST =
STA. 50+50.00 , ☐ E. YUKON ST

PC STA. 22+62.86
NORTHING: 1343462.3145
EASTING: 511924.9487

PT STA. 22+08.36
NORTHING: 1343422.1969
EASTING: 511888.0695

POT STA. 25+36.76
NORTHING: 1343728.8298
EASTING: 511955.0054

PT STA. 23+44.92
NORTHING: 1343536.9873
EASTING: 511954.2301

BEIGN CONSTRUCTION
STA. 50+50.00
☐ CONST. E. YUKON ST.

END CONSTRUCTION
STA. 52+45.42
☐ CONST. E. YUKON ST.

POT STA. 54+10.20
NORTHING: 1343502.3539
EASTING: 512308.2927

N 89° 48' 23" E
E YUKON ST (6)

POT STA. 50+50.00
NORTHING: 1343501.1364
EASTING: 511948.1279

POT STA. 33+00.00
NORTHING: 1343616.6098
EASTING: 511628.2427

PC STA. 21+45.00
NORTHING: 1343364.5581
EASTING: 511865.3841

POT STA. 75+90.09
NORTHING: 1343236.4749
EASTING: 512169.7575

PI STA. 18+32.43
NORTHING: 1343052.0015
EASTING: 511863.3370

☐ CONST. N. 13TH ST

PI STA. 73+14.98
NORTHING: 1342961.3685
EASTING: 512168.1671

PI STA. 14+26.71
NORTHING: 1342646.2867
EASTING: 511861.4570

END CONSTRUCTION
STA. 72+64.00
☐ CONST. N. 13TH ST.

BEGIN PROJECT
STA. 13+47.25
☐ CONST. N. 12TH ST

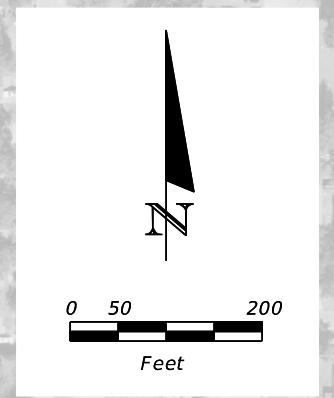
POT STA. 70+00.00
NORTHING: 1342646.3934
EASTING: 512166.6042

BEGIN CONSTRUCTION
STA. 71+50.50
☐ CONST. N. 13TH ST.

POT STA. 10+00.00
NORTHING: 1342219.5785
EASTING: 511859.2973

CURVE DATA 12TH1
PI STA. = 21+78.19
Δ = 42° 12' 59" (RT)
D = 66° 37' 23"
T = 33.20
L = 63.37
R = 86.00
PC STA. = 21+45.00
PT STA. = 22+08.36

CURVE DATA 12TH2
PI STA. = 23+05.86
Δ = 42° 21' 36" (LT)
D = 51° 37' 04"
T = 43.01
L = 82.06
R = 111.00
PC STA. = 22+62.86
PT STA. = 23+44.92

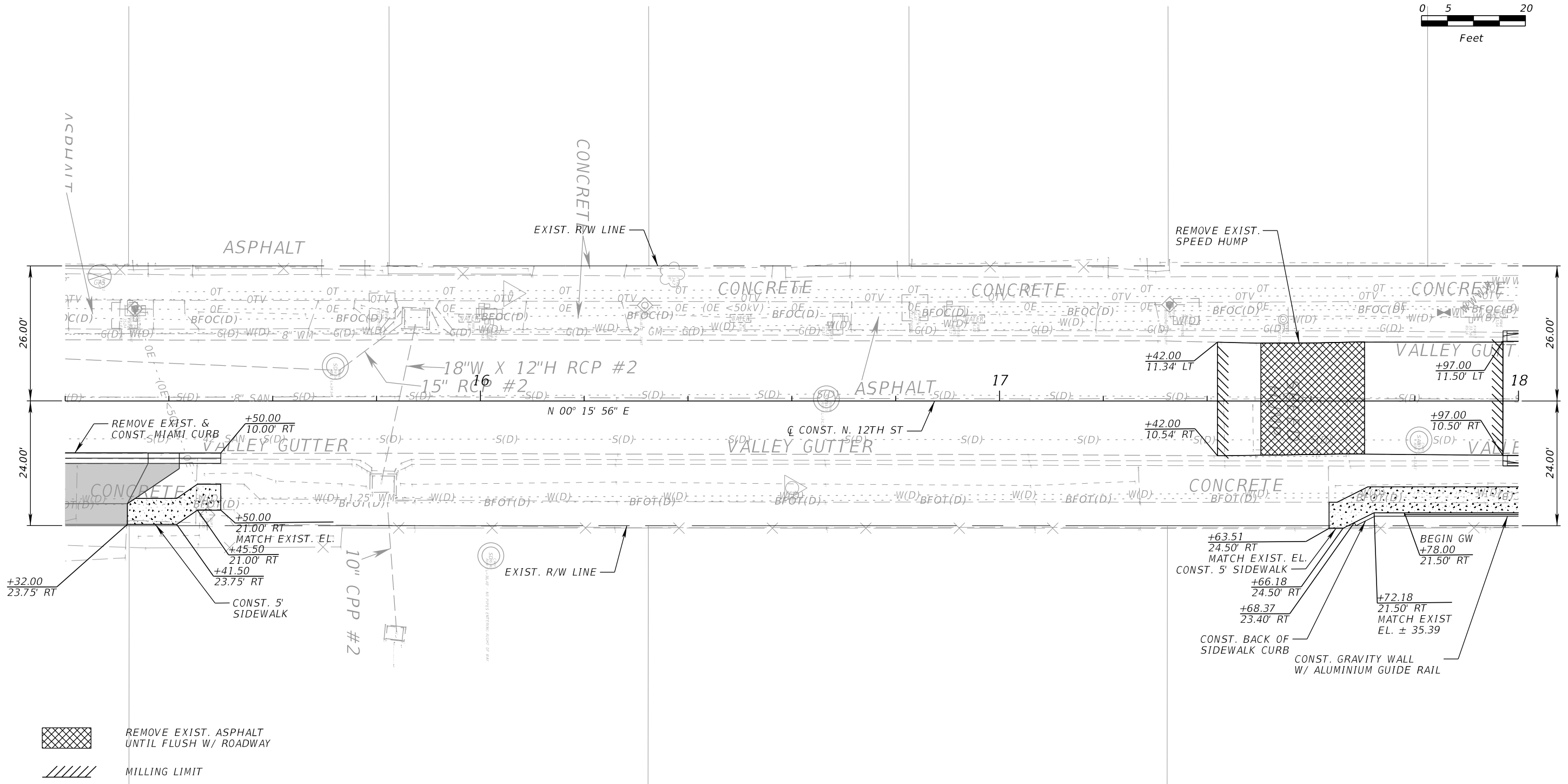
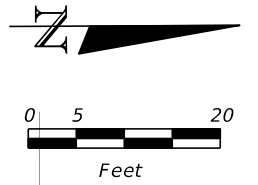


REVISIONS				MERIAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT			SHEET NO. 12
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY	FINANCIAL PROJECT ID	
					HILLSBOROUGH	443582-1-58-01		

PROJECT LAYOUT

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

N. 12TH ST

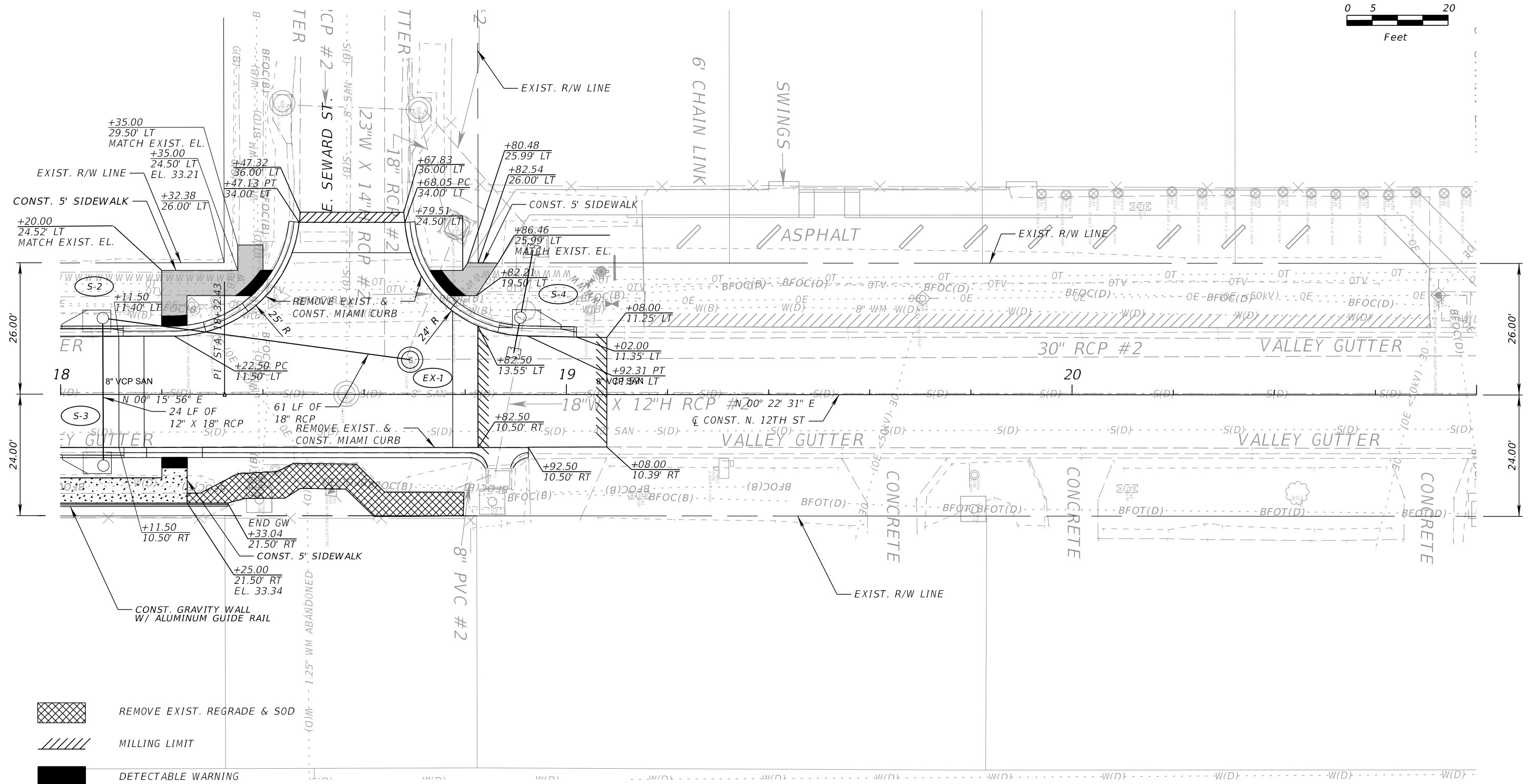
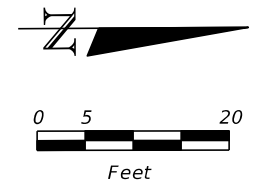


- REMOVE EXIST. ASPHALT UNTIL FLUSH W/ ROADWAY
- MILLING LIMIT
- 4" THICK CONC. SIDEWALK
- 6" THICK CONC. FOR SIDEWALK & DRIVEWAYS

REVISIONS				MERIAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT			ROADWAY PLAN (2)	SHEET NO. 14
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY	FINANCIAL PROJECT ID		
					HILLSBOROUGH	443582-1-58-01			

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

N. 12TH ST



- REMOVE EXIST. REGRADE & SOD
- MILLING LIMIT
- DETECTABLE WARNING
- 4" THICK CONC. SIDEWALK
- 6" THICK CONC. FOR SIDEWALK & DRIVEWAYS

NOTE:

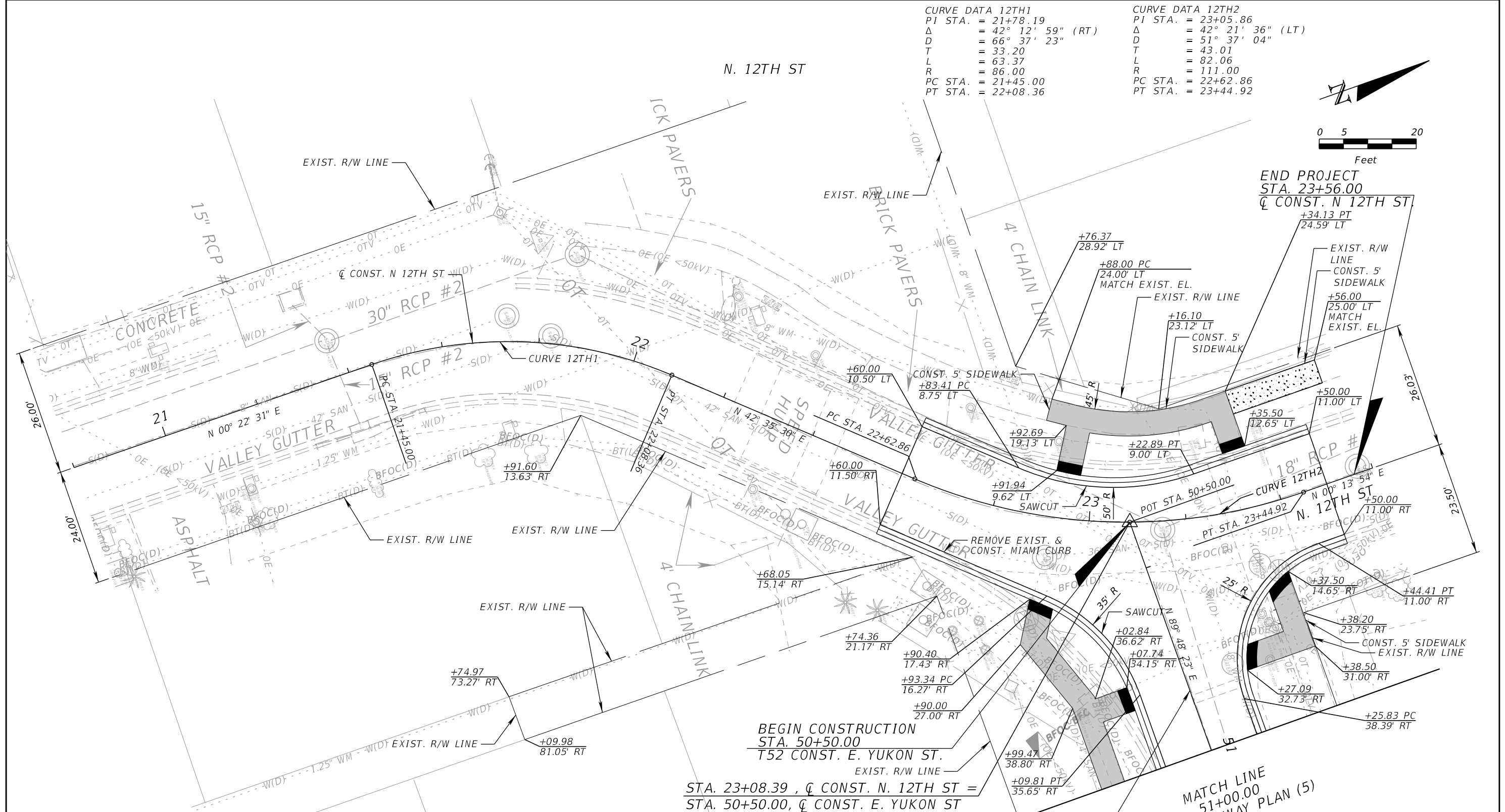
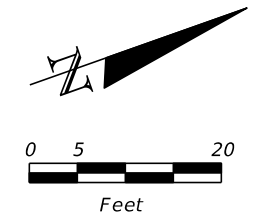
1. ALL EXISTING DRAINAGE STRUCTURES AND PIPES ARE TO REMAIN ON THIS SHEET. SEE DRAINAGE STRUCTURE SHEETS FOR ADJUSTMENTS AND CONNECTIONS PROPOSED.

REVISIONS				MERIAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT			SHEET NO. ROADWAY PLAN (3)
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY	FINANCIAL PROJECT ID	
					HILLSBOROUGH	443582-1-58-01	15	

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

CURVE DATA 12TH1
 PI STA. = 21+78.19
 Δ = 42° 12' 59" (RT)
 D = 66° 37' 23"
 T = 33.20
 L = 63.37
 R = 86.00
 PC STA. = 21+45.00
 PT STA. = 22+08.36

CURVE DATA 12TH2
 PI STA. = 23+05.86
 Δ = 42° 21' 36" (LT)
 D = 51° 37' 04"
 T = 43.01
 L = 82.06
 R = 111.00
 PC STA. = 22+62.86
 PT STA. = 23+44.92



END PROJECT
 STA. 23+56.00
 Q CONST. N 12TH ST

BEGIN CONSTRUCTION
 STA. 50+50.00
 T52 CONST. E. YUKON ST.
 STA. 23+08.39, Q CONST. N. 12TH ST =
 STA. 50+50.00, Q CONST. E. YUKON ST

- DETECTABLE WARNING
- 4" THICK CONC. SIDEWALK
- 6" THICK CONC. FOR SIDEWALK & DRIVEWAYS

REVISIONS				MERIAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT		SHEET NO. 16
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	FINANCIAL PROJECT ID	
				HILLSBOROUGH	443582-1-58-01	ROADWAY PLAN (4)	

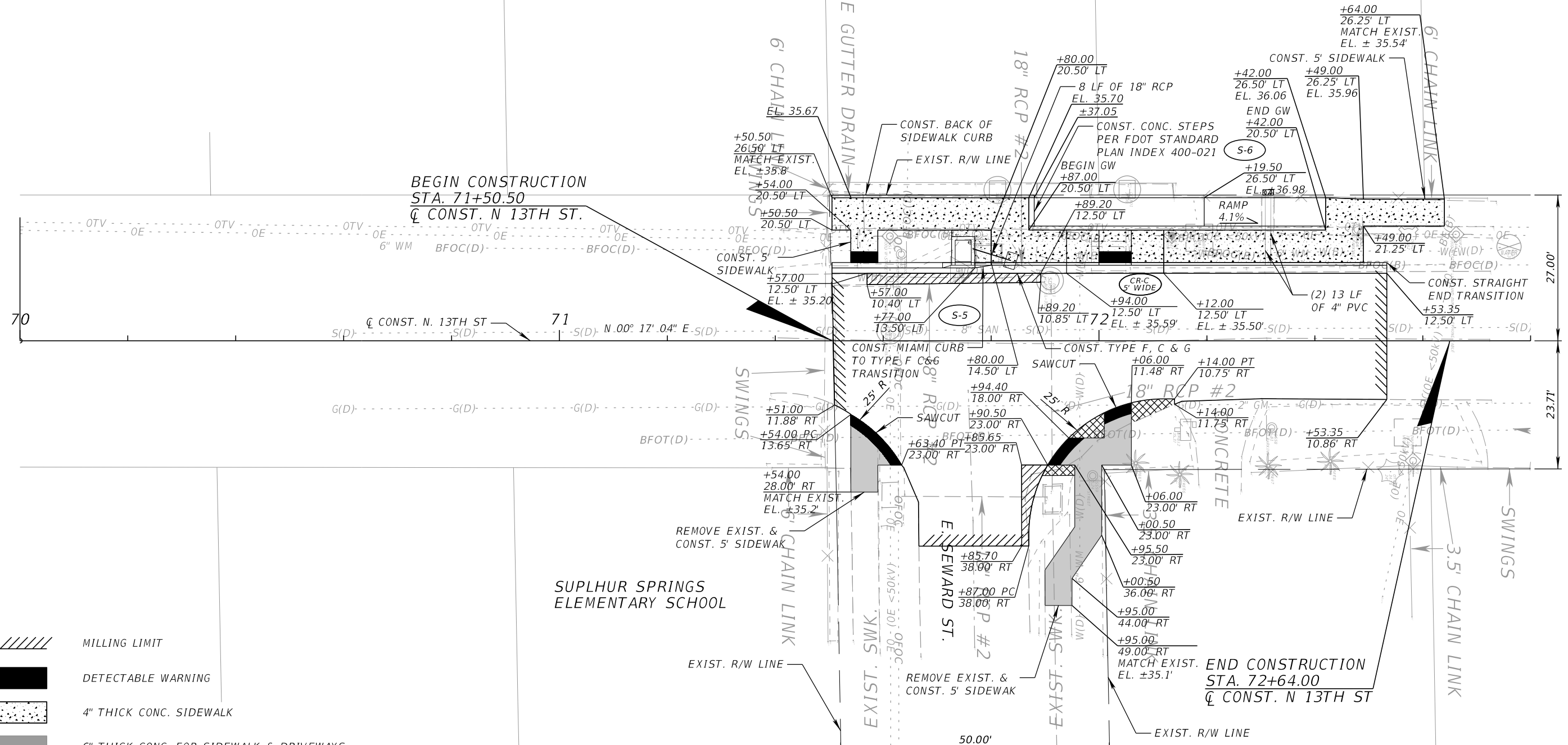
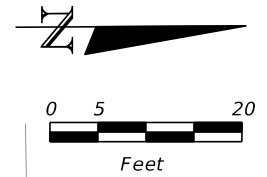
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

N. 13TH ST

SUPLHUR SPRINGS
ELEMENTARY SCHOOL

NORMA & JOSEPH ROBINSON
PARTNERSHIP LIBRARY @
SULPHUR SPRINGS

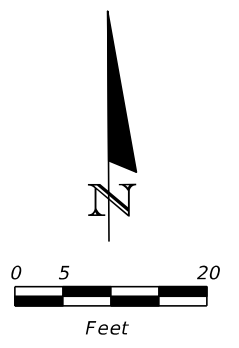
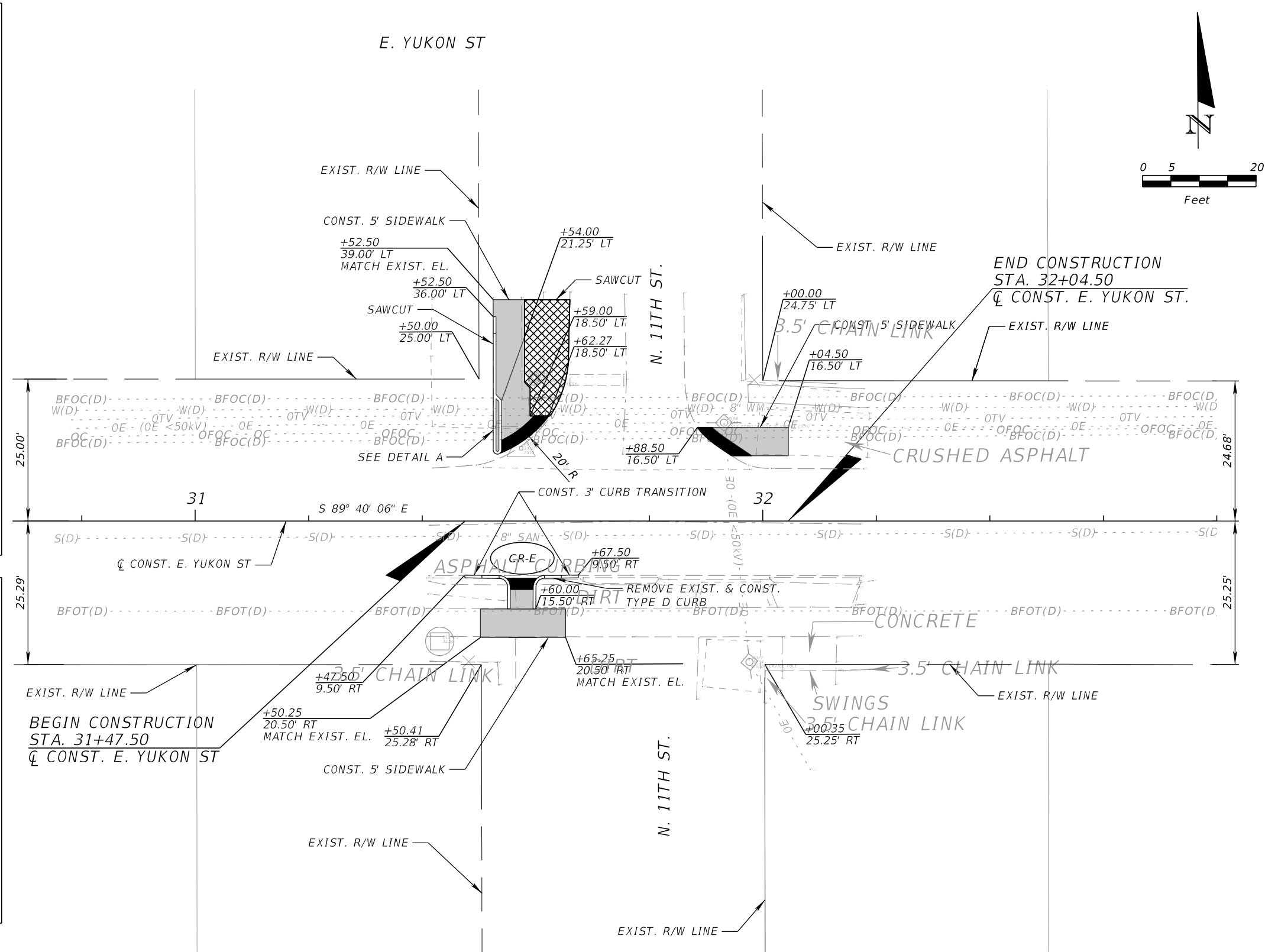
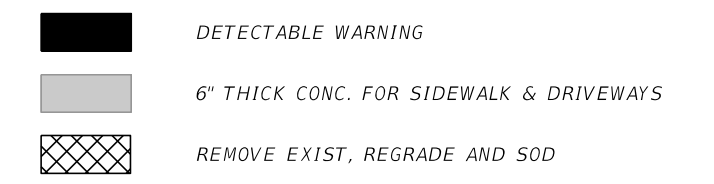
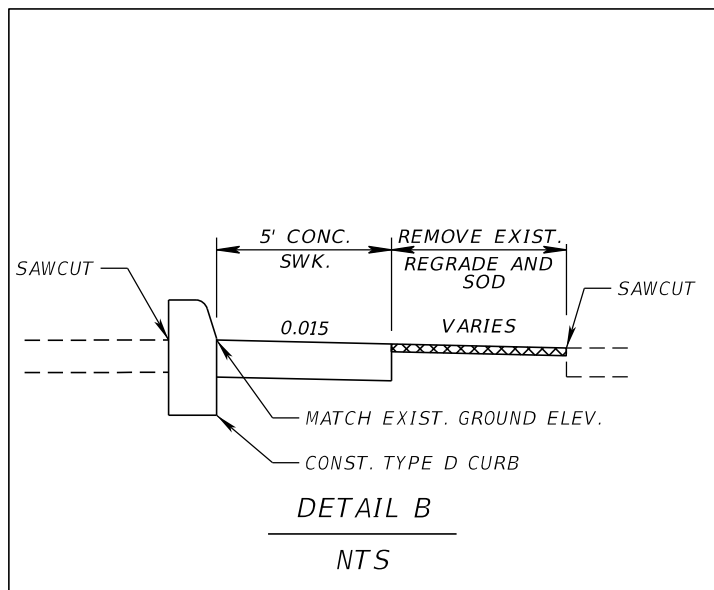
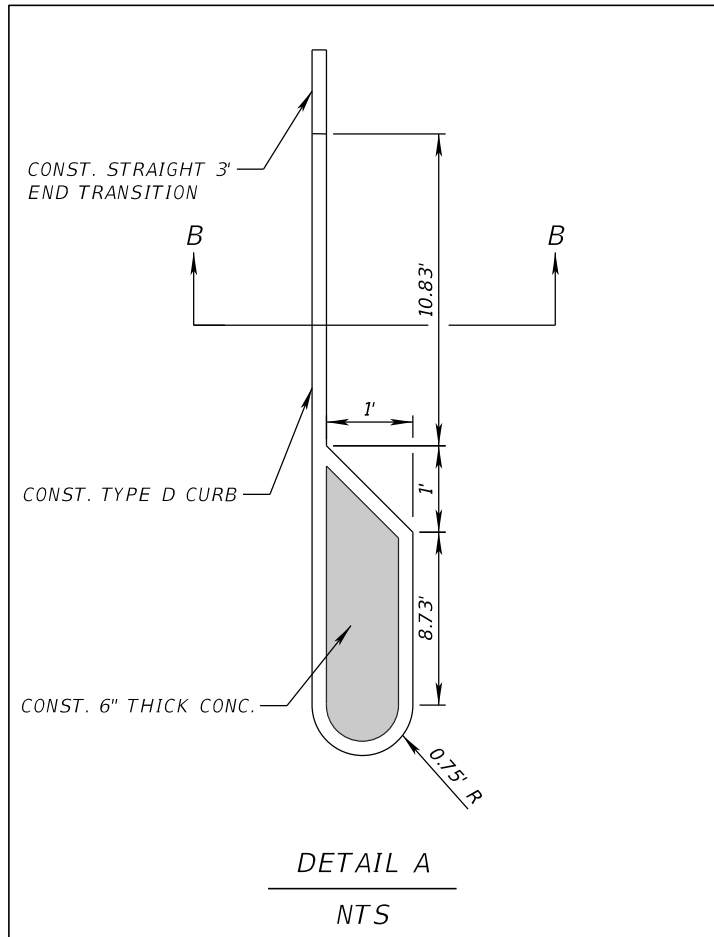
SULPHUR SPRINGS
ELEMENTARY PARK



- MILLING LIMIT
- DETECTABLE WARNING
- 4" THICK CONC. SIDEWALK
- 6" THICK CONC. FOR SIDEWALK & DRIVEWAYS
- PAVEMENT WIDENING
- REMOVE EXIST., REGRADE & SOD

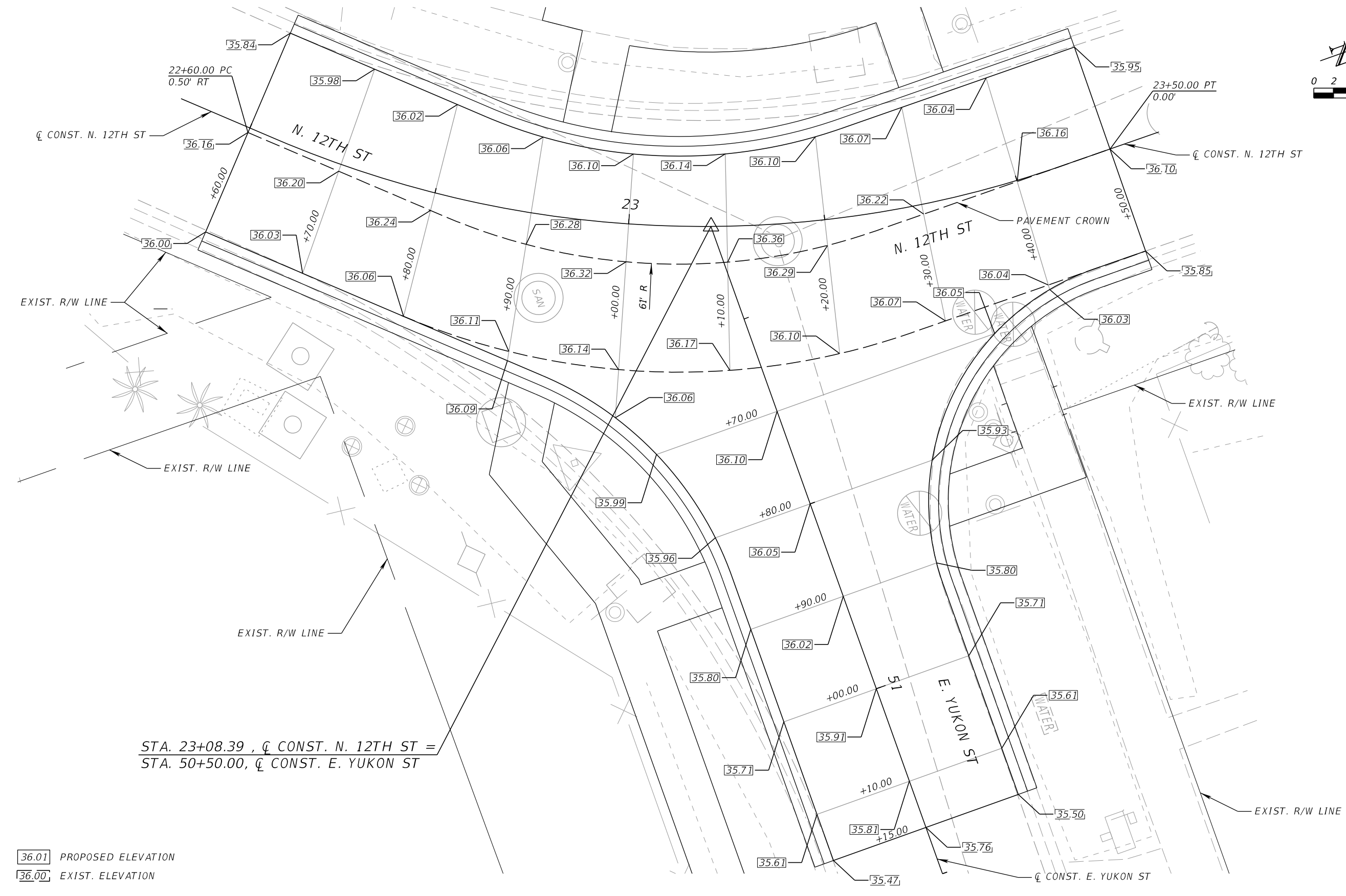
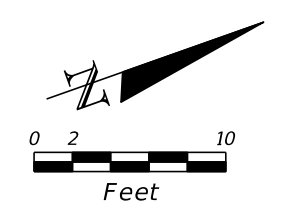
REVISIONS				MERIAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT		ROADWAY PLAN (6)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY		FINANCIAL PROJECT ID
					HILLSBOROUGH	443582-1-58-01		

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



REVISIONS				MERIAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT		SHEET NO. 19
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY	
					HILLSBOROUGH	443582-1-58-01	ROADWAY PLAN (7)

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

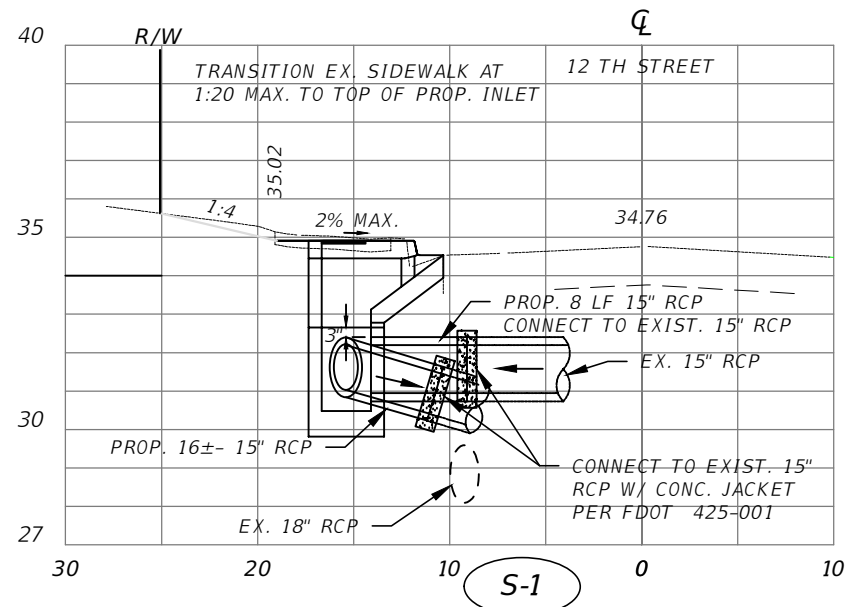


STA. 23+08.39 , \bar{C} CONST. N. 12TH ST =
 STA. 50+50.00, \bar{C} CONST. E. YUKON ST

36.01 PROPOSED ELEVATION
36.00 EXIST. ELEVATION

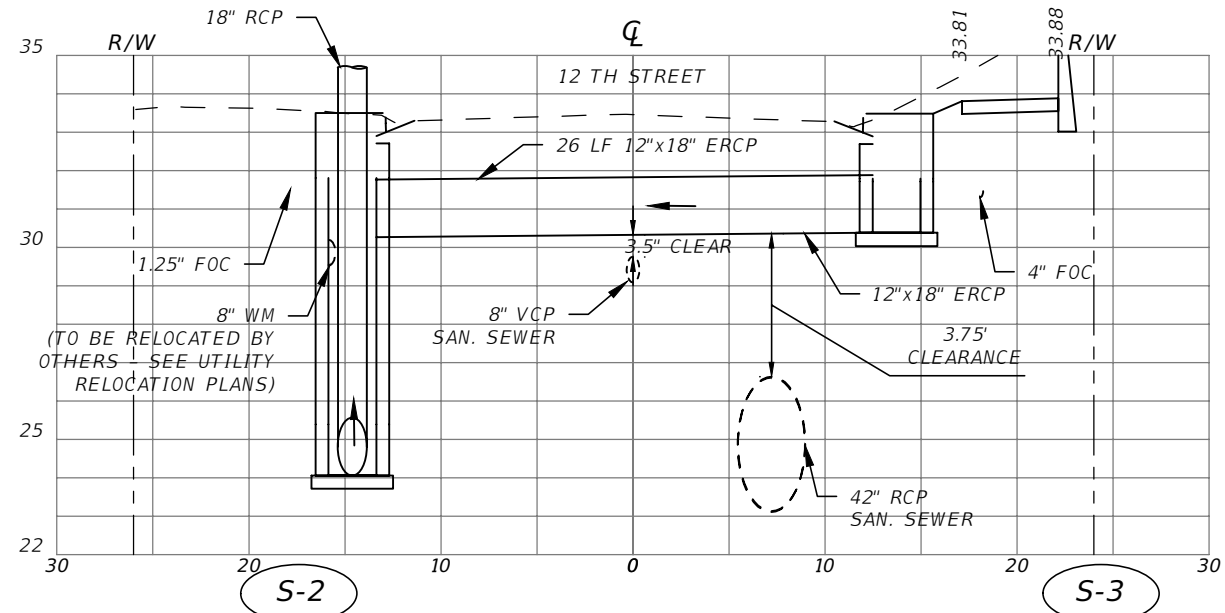
REVISIONS				MERIAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT			INTERSECTION GRADING DETAIL (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY	FINANCIAL PROJECT ID		21
					HILLSBOROUGH	443582-1-58-01			

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



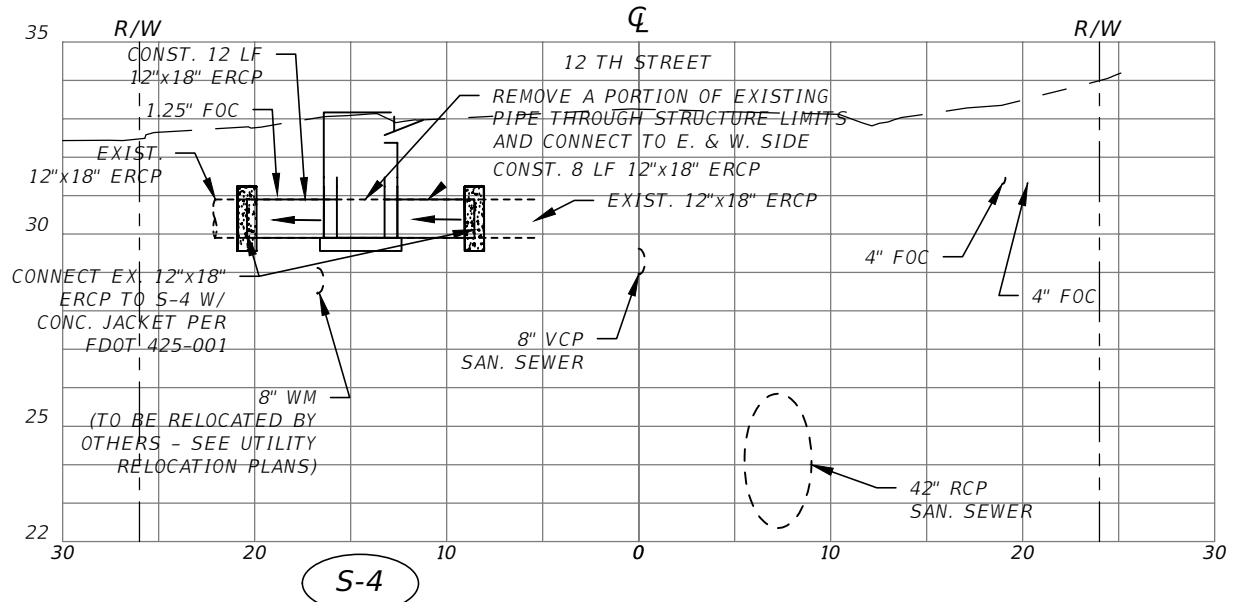
SECTION IS PARALLEL TO CENTERLINE OF 12TH ST. ALONG EAST FAIRBANKS ST.

CITY OF TAMPA TYPE BS-1 CURB INLET
 STA 13+92.22, 40.7' LT
 EP 34.54
 (CONNECT TO EXIST.) 15" RCP N FL 31.03
 15" RCP E FL 31.03



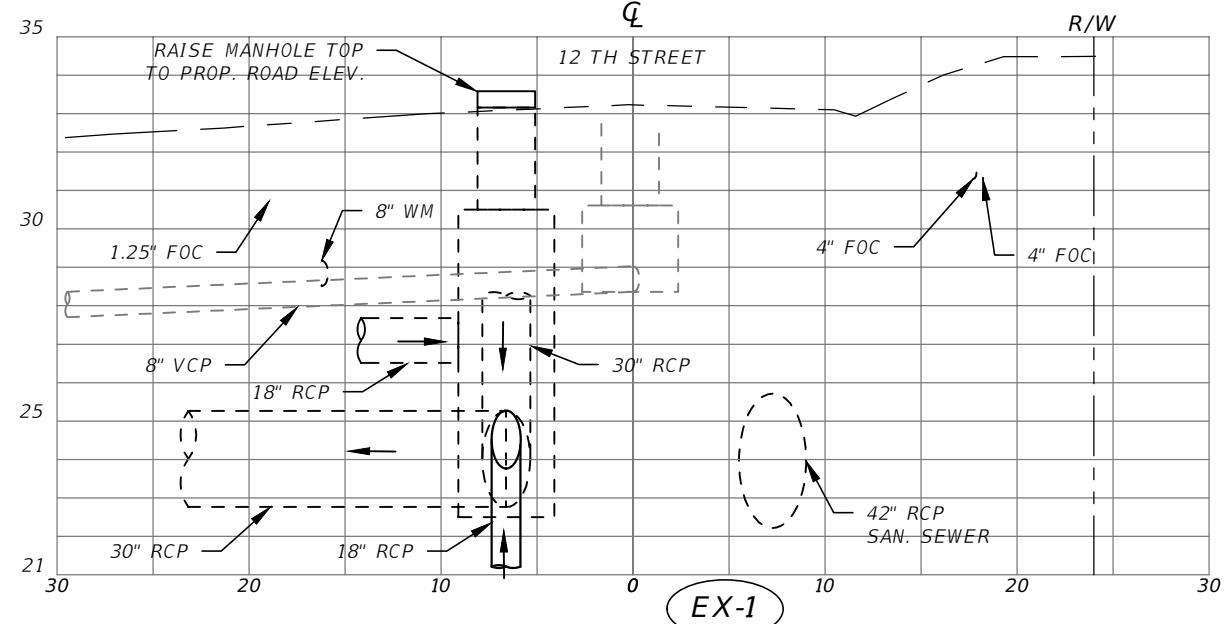
CONST. CITY TYPE 2 INLET
 STA. 18+07.36, 14.75' LT.
 EP 33.30
 (12"x18") FL 30.27
 (18") FL 24.06

CONST. CITY TYPE 2 INLET
 STA. 18+07.36, 13.75' RT.
 EP 33.30
 FL 30.38



CONST. CITY TYPE 2 INLET
 STA. 18+91.33, 14.86' LT.
 EP 32.97
 CONNECT EX. 12"x18" ERCP
 E&W FL 29.92±

18+91.33

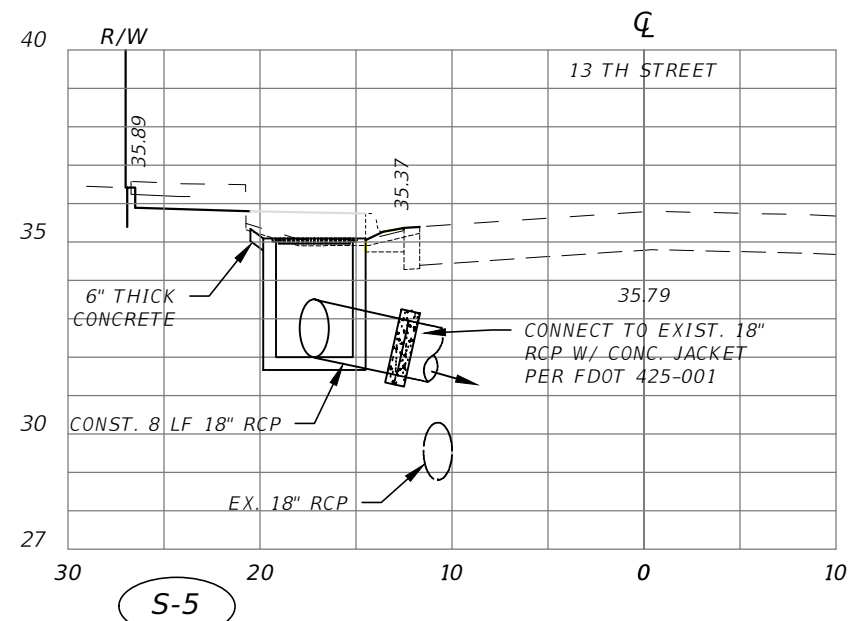


STA 18+69 6.75' LT
 MODIFY EXISTING MH
 FDOT 425-001
 ADJUST RIM TO GRADE EL 33.53
 CONNECT PROP. 18" PIPE FL 23.76

1"=10' HORIZONTAL
 1"=5' VERTICAL

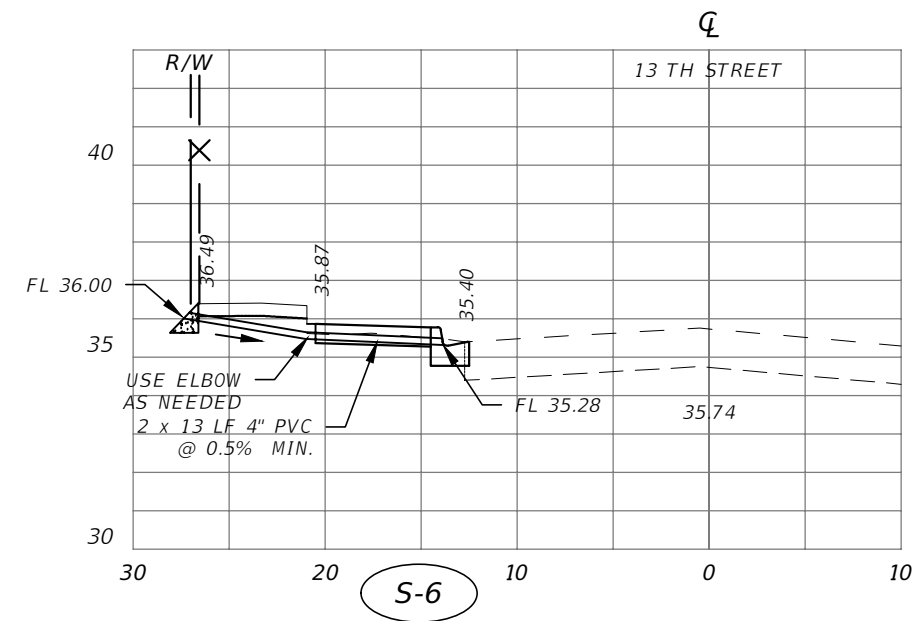
REVISIONS				MARIANO BARNER SURVEYING, INC. 1801 CENTRAL AVENUE, SUITE 100 TAMPA, FLORIDA 33601	CITY OF TAMPA MOBILITY DEPARTMENT			PROPOSED DRAINAGE STRUCTURES (SHEET 1 OF 2)	SHEET NO. 22
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY	FINANCIAL PROJECT ID		
					HILLSBOROUGH	443582-1-58-01			

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



CONST. CITY TYPE E GRATE INLET
 STA. 71+74.92, 17.15' LT.
 GRATE EL 35.20
 18" RCP FL 32.05

S-5

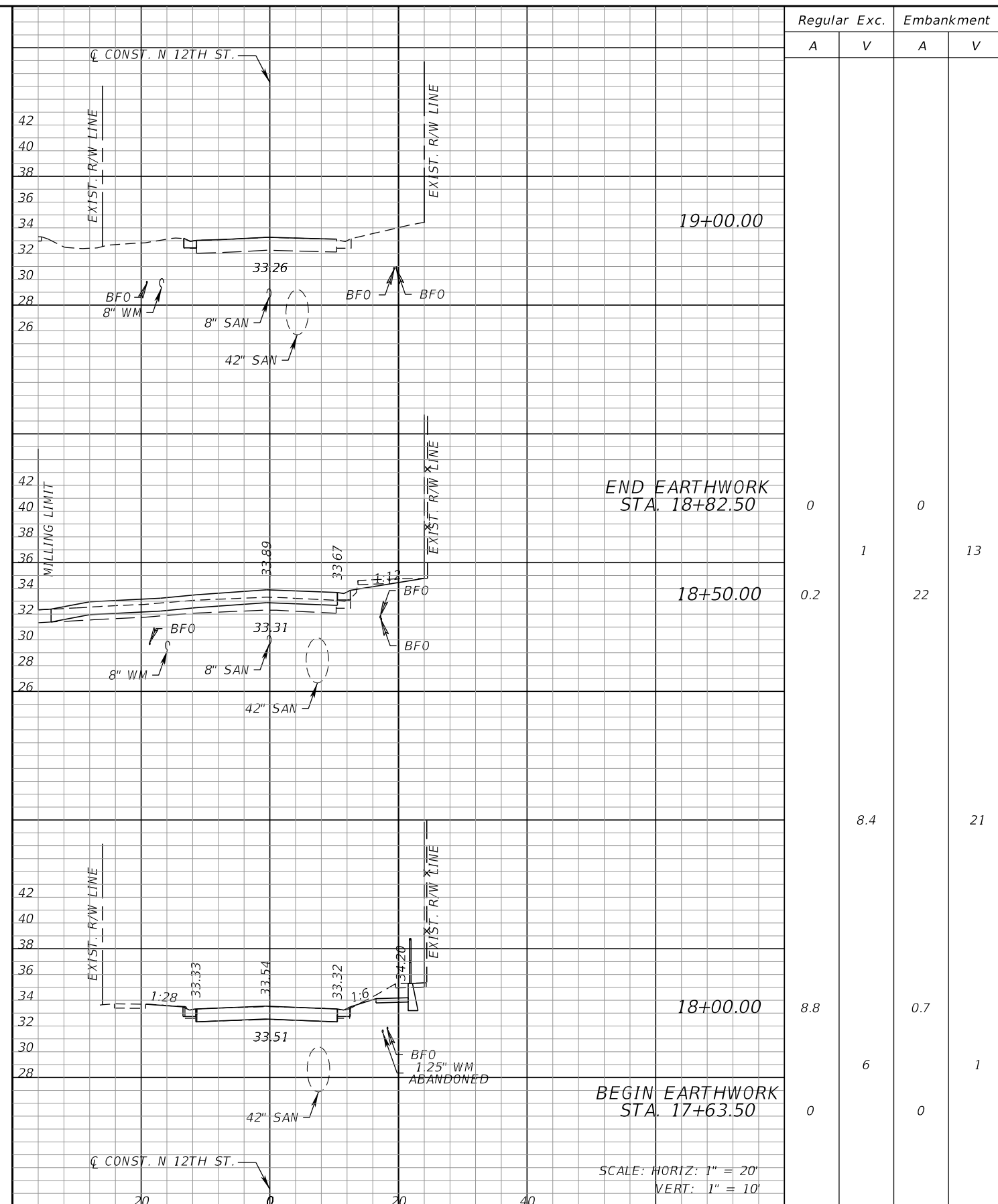
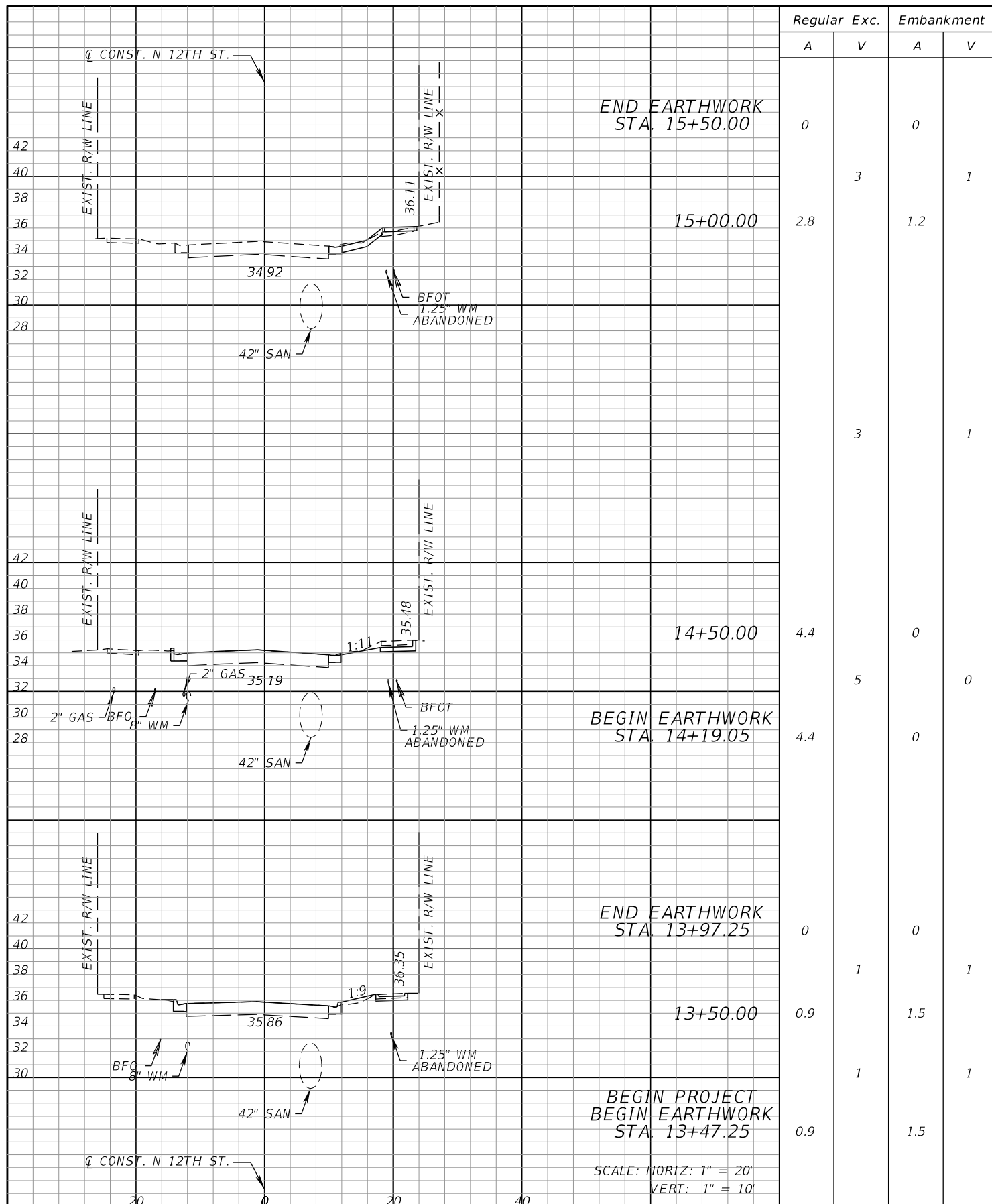


CONST. FDOT 425-060
 SHALLOW DITCHES OUTFALL
 (2) 4" PVC 1' APART W/ CONC. MES
 STA. 72+31.50, 17.63' LT.
 4" PVC W FL 36.00
 4" PVC E FL 35.28

S-6

1"=10' HORIZONTAL
 1"=5' VERTICAL

REVISIONS				MARIANGARBERG SURVEYING, INC. REGISTERED PROFESSIONAL ENGINEER FLORIDA LICENSE NUMBER 10768 2168 HOWLE FORD STREET TAMPA, FLORIDA 33604	CITY OF TAMPA MOBILITY DEPARTMENT			PROPOSED DRAINAGE STRUCTURES (SHEET 2 OF 2)	SHEET NO. 23
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY	FINANCIAL PROJECT ID		
					HILLSBOROUGH	443582-1-58-01			



No.	DATE	REVISIONS
3		
2		
1		

Florida Transportation Engineering, Inc.
 11458 N. 53rd Street
 Tampa, FL 33617
 Phone: (813) 989-0729
 Meriam Gardner, P.E., No. 86470

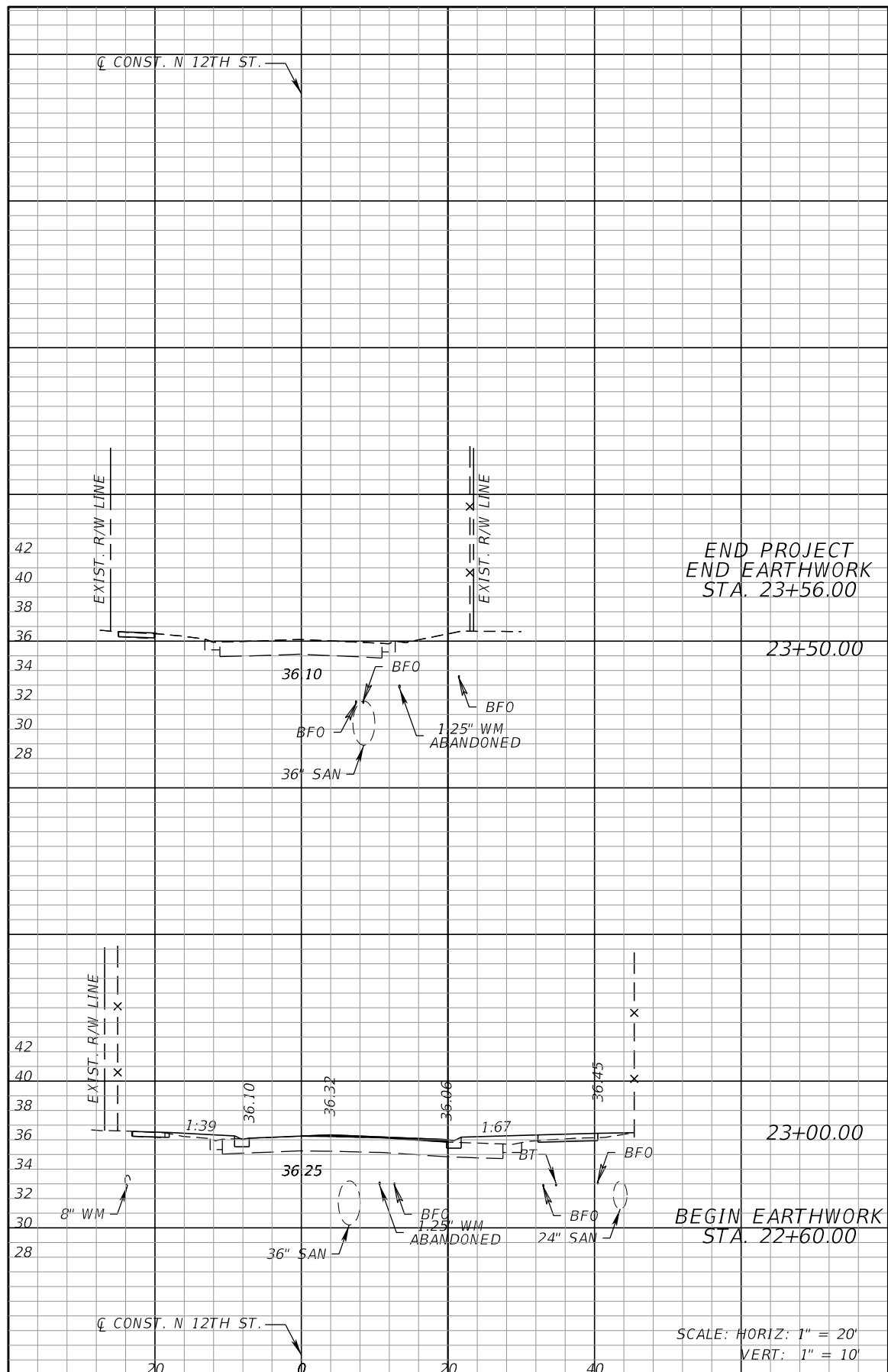
DES: SS
 DRN: MG
 CKD:
 DATE:

CITY of TAMPA
 Department of Transportation
 and Stormwater Services

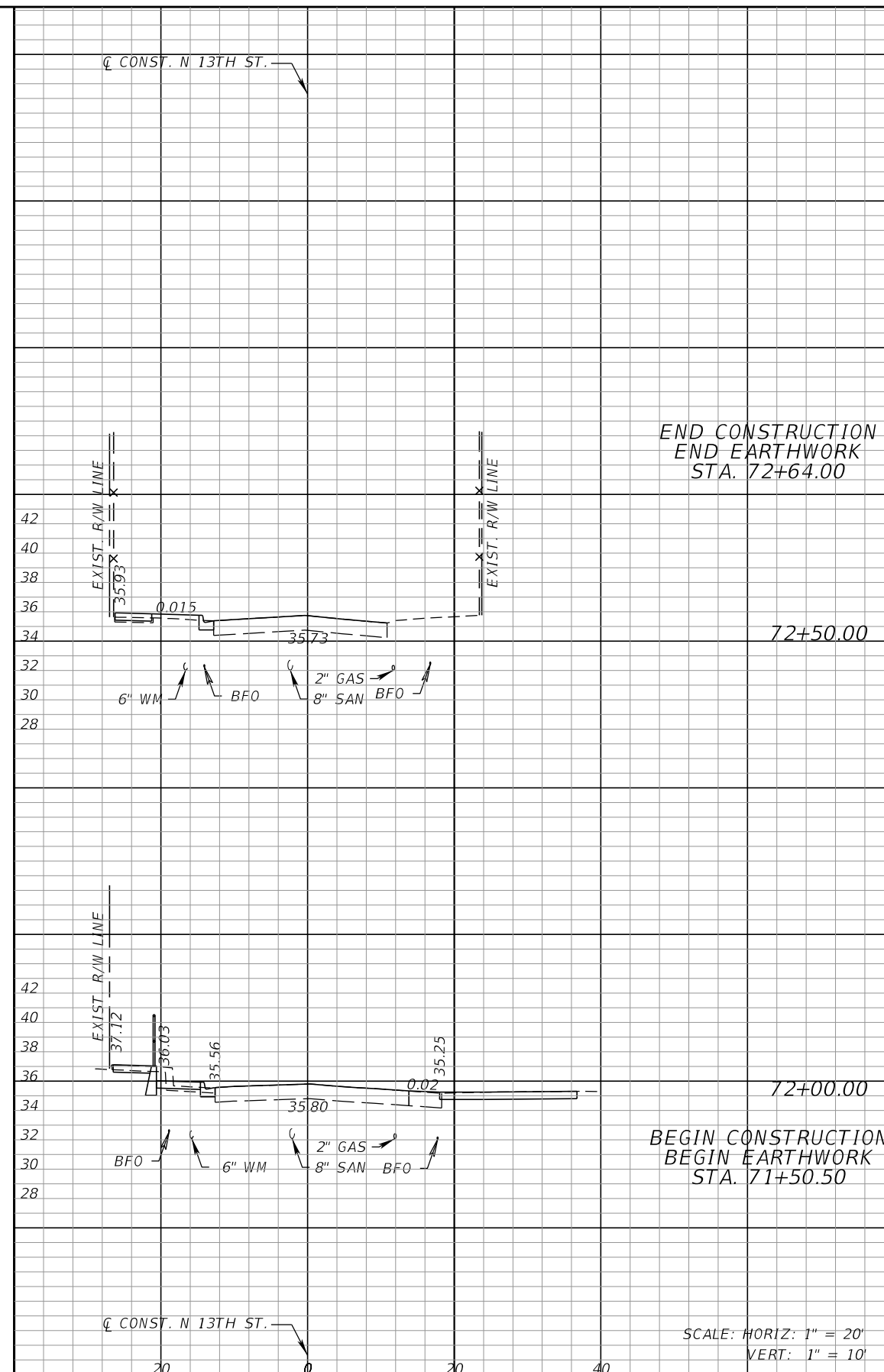
CROSS SECTIONS (1)

W.O.
 SHEET
 24
 OF

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



Regular Exc.		Embankment	
A	V	A	V
0	0	0	0
0	0	0	0
2		18	
1.6		17.3	
0	1	0	13



Regular Exc.		Embankment	
A	V	A	V
0		0	
1.2	1	2.5	1
8		2	
4.6	5	0.8	1
0	0	0	0

No.	DATE	REVISIONS
3		
2		
1		

Florida Transportation Engineering, Inc.
 11458 N. 53rd Street
 Tampa, FL 33617
 Phone: (813) 989-0729
 Meriam Gardner, P.E., No. 86470

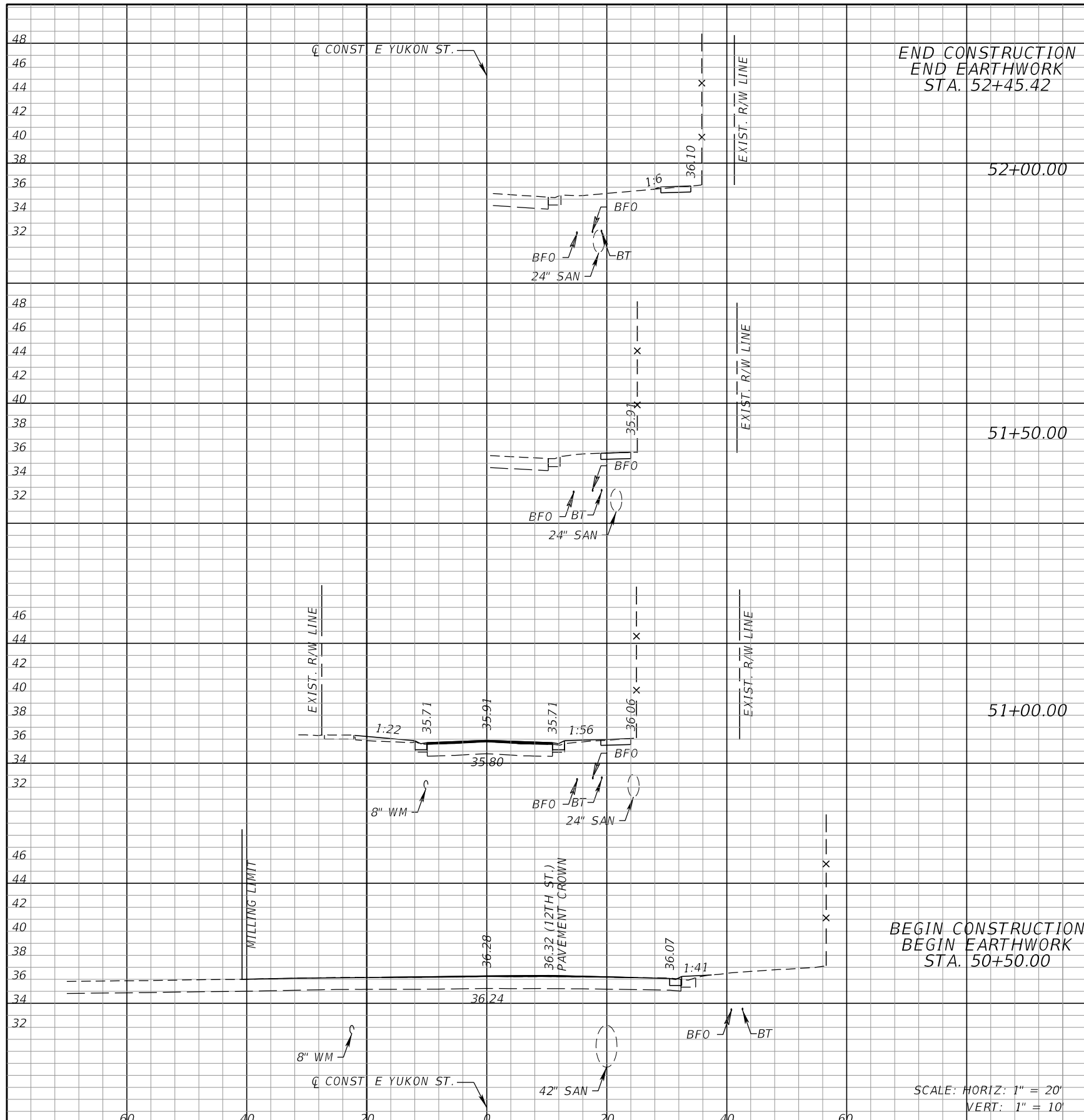
DES: SS
 DRN: MG
 CKD:
 DATE:

CITY of TAMPA
 Department of Transportation
 and Stormwater Services

CROSS SECTIONS (2)

W.O.
 SHEET
 25
 OF

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



END CONSTRUCTION
END EARTHWORK
STA. 52+45.42

52+00.00

51+50.00

51+00.00

BEGIN CONSTRUCTION
BEGIN EARTHWORK
STA. 50+50.00

SCALE: HORIZ: 1" = 20'
VERT: 1" = 10'

Regular Exc.		Embankment	
A	V	A	V
0		0	
	2		1
2.1		0.1	
	4		1
2.6		0	
	5		4
2.3		3.9	
	2		4
0		0	

No.	DATE	REVISIONS
3		
2		
1		

Florida Transportation Engineering, Inc.
11458 N. 53rd Street
Tampa, FL 33617
Phone: (813) 989-0729
Meriam Gardner, P.E., No. 86470

DES: SS
DRN: MG
CKD:
DATE:

CITY of TAMPA
Department of Transportation
and Stormwater Services

CROSS SECTIONS (3)

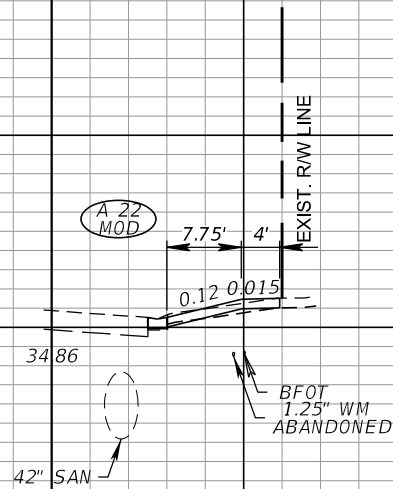
W.O.
SHEET
26
OF

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

☐ CONST. N 12TH ST.

☐ CONST. N 12TH ST.

38
36
34
32
30



15+17.00

☐ CONST. N 12TH ST.

☐ CONST. N 12TH ST.

SCALE: HORIZ: 1" = 20'
VERT: 1" = 10'

SCALE: HORIZ: 1" = 20'
VERT: 1" = 10'

No.	DATE	REVISIONS
3		
2		
1		

Florida Transportation Engineering, Inc.
 11458 N. 53rd Street
 Tampa, FL 33617
 Phone: (813) 989-0729
 Meriam Gardner, P.E., No. 86470

DES: SS
 DRN: MG
 CKD:
 DATE:

CITY of TAMPA
 Department of Transportation
 and Stormwater Services

DRIVEWAY SECTION

W.O.
 SHEET
 27
 OF

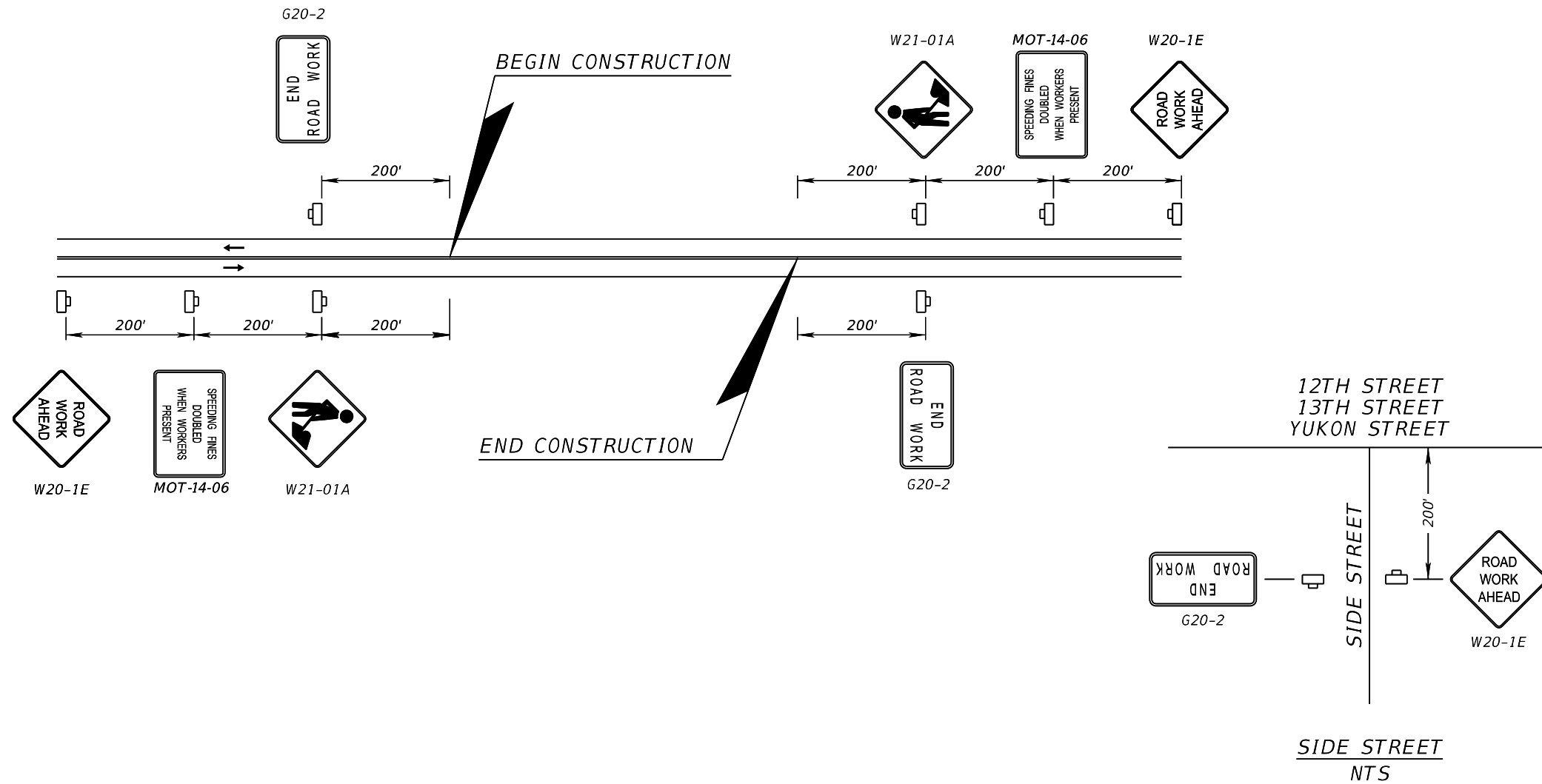
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

TRAFFIC CONTROL NOTES

1. LANE CLOSURES ARE NOT PERMITTED BETWEEN THE HOURS OF 07:00 AM TO 09:00 AM AND 02:00 PM TO 04:00 PM MONDAY THRU FRIDAY.
2. THE EXISTING SPEED LIMIT OF 25 MPH SHALL REMAIN IN EFFECT FOR ALL TRAFFIC CONTROL AREAS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL PHASE NOTES

1. INSTALL ADVANCED WARNING SIGNS.
2. INSTALL TEMPORARY EROSION CONTROL DEVICES.
3. CONSTRUCT IMPROVEMENTS UTILIZING FDOT STANDARD PLAN INDEXES: 102-601, 102-602, 102-603, 102-604, AND 102-660.
4. CONSTRUCT WATERLINE RELOCATION IMPROVEMENTS WITH INTERSECTION IMPROVEMENTS AT N 12TH ST AND E SEWARD ST. UTILIZING TTCP (2).



REVISIONS				MERIAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT			TEMPORARY TRAFFIC CONTROL PLAN (1)	SHEET NO. 29
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY	FINANCIAL PROJECT ID		
					HILLSBOROUGH	443582-1-58-01			

PCMS		PCMS	
14 DAYS ADVANCE		DURING CONSTRUCTION	
12TH ST CLOSED @ SEWARD	XX/XX TO XX/XX	12TH ST CLOSED @ SEWARD	DETOUR BROOKS ST



①



②



③



④



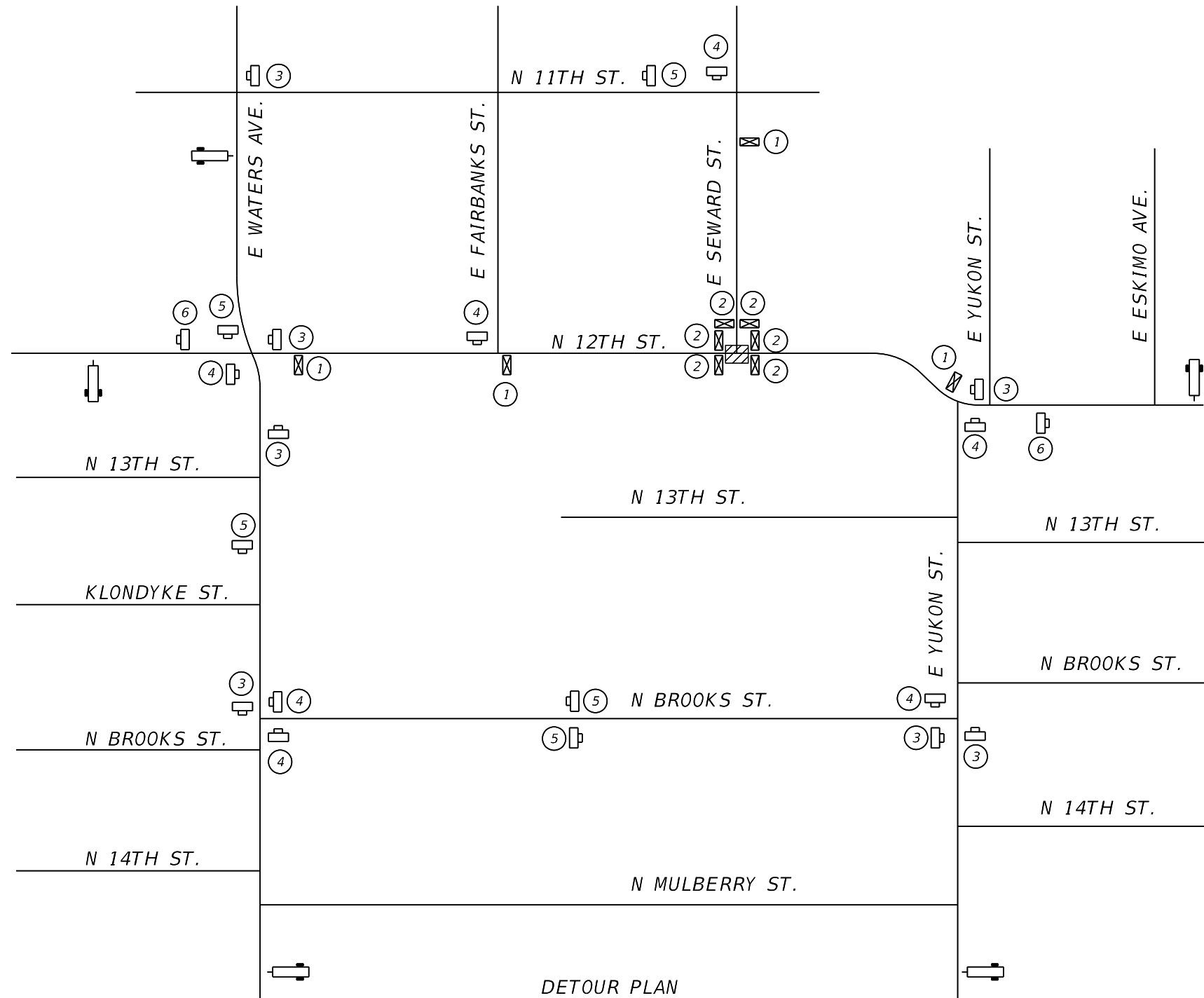
⑤



⑥



N.T.S.



LEGEND



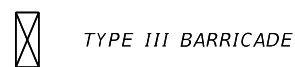
WORK AREA



PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)



WORK ZONE SIGN



TYPE III BARRICADE

DETOUR PLAN

REVISIONS				MERIAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT		TEMPORARY TRAFFIC CONTROL PLAN (2)	SHEET NO. 30
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY		
					HILLSBOROUGH	443582-1-58-01		

PEDESTRIAN TRAFFIC CONTROL NOTES

1. CONSTRUCT SIDEWALK AND DRIVEWAY IMPROVEMENTS DURING WEEKEND AND NON-SCHOOL HOURS.
2. CONSTRUCT SIDEWALK IMPROVEMENTS IN ACCORDANCE WITH FDOT STANDARD PLAN INDEX 102-660. UTILIZE PEDESTRIAN DIVERSIONS AND PEDESTRIAN SPECIAL DETOURS TO MAINTAIN PEDESTRIAN TRAFFIC.

PEDESTRIAN TRAFFIC CONTROL PHASE A NOTES

1. CONSTRUCT SIDEWALK AND DRIVEWAY IMPROVEMENTS ALONG N 12TH STREET FROM SOUTH OF E FAIRBANKS STREET TO E SEWARD STREET ON THE RIGHT SIDE OF THE ROADWAY.
2. CONSTRUCT SIDEWALK IMPROVEMENTS ALONG E YUKON STREET FROM N 12TH STREET TO N 13TH STREET ON THE RIGHT SIDE OF THE ROADWAY.
3. CONSTRUCT SIDEWALK IMPROVEMENTS AT:
NE QUADRANT OF N 13TH STREET AT E SEWARD STREET.
NW AND NE QUADRANTS OF E YUKON STREET AT N 11TH STREET.

PEDESTRIAN TRAFFIC CONTROL PHASE B NOTES

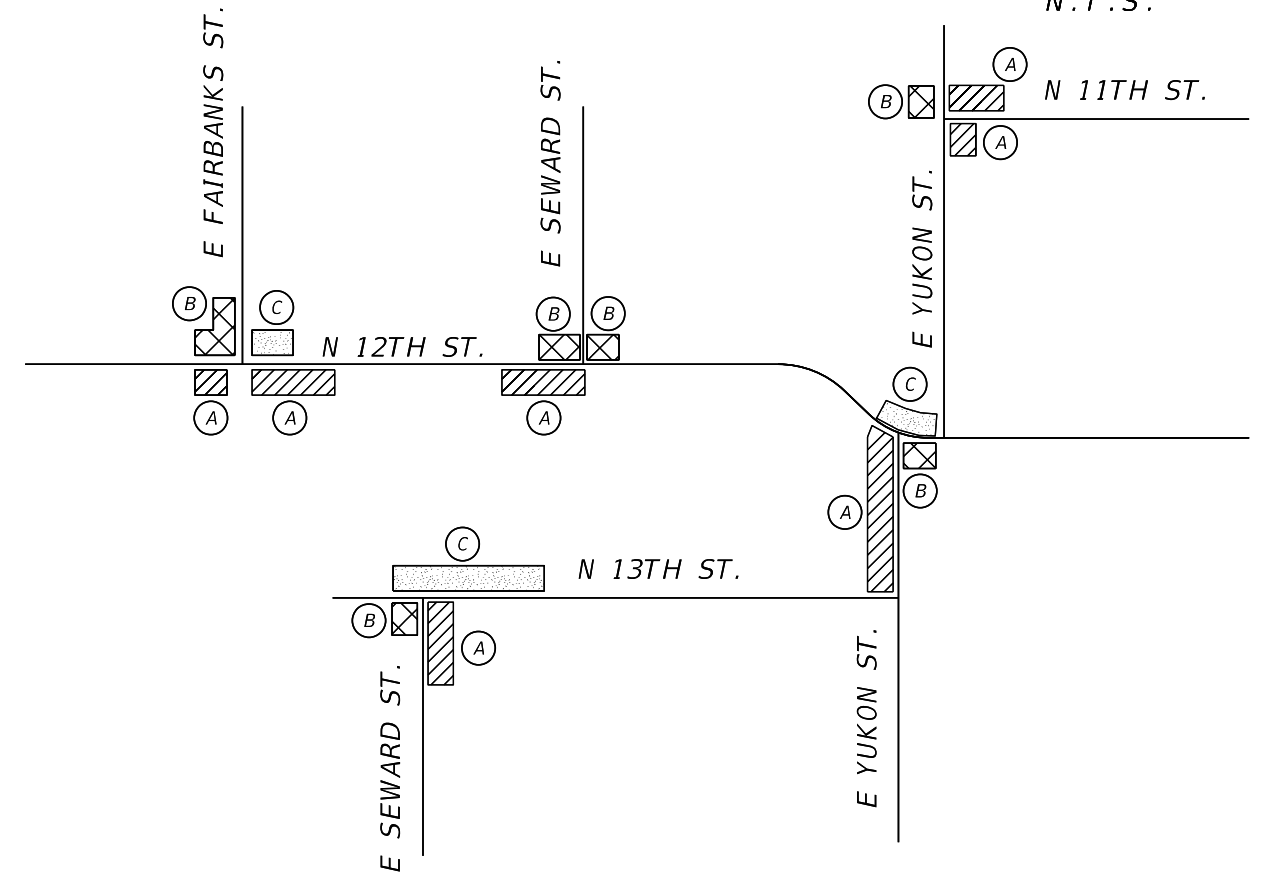
1. CONSTRUCT SIDEWALK IMPROVEMENTS AT:
SW QUADRANT OF N 12TH STREET AT E FAIRBANKS STREET
SW AND NW QUADRANTS OF N 12TH STREET AT E SEWARD STREET
NE QUADRANT OF E YUKON STREET AT N 12TH STREET
SE QUADRANT OF N 13TH STREET AT E SEWARD STREET
SW QUADRANT OF E YUKON STREET AT N 11TH STREET

PEDESTRIAN TRAFFIC CONTROL PHASE C NOTES

1. CONSTRUCT SIDEWALK IMPROVEMENTS ALONG THE LEFT SIDE OF N 13TH STREET
2. CONSTRUCT SIDEWALK IMPROVEMENTS AT:
NW QUADRANT OF N 12TH STREET AT E FAIRBANKS STREET
SW AND NW QUADRANTS OF E YUKON STREET AT N 12TH STREET










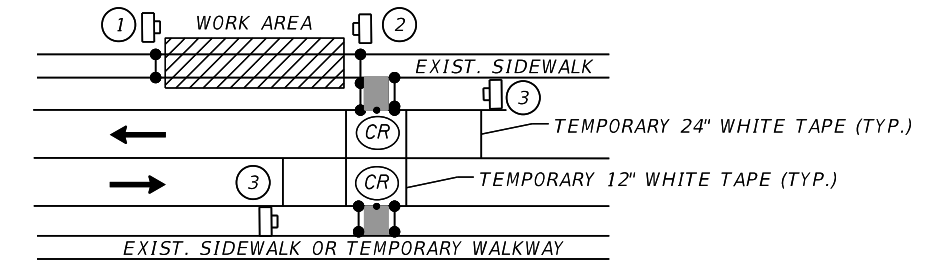
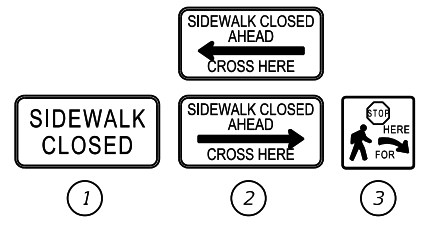
N.T.S.



PEDESTRIAN PHASING PLAN

LEGEND

-  PHASE A WORK ZONE
-  PHASE B WORK ZONE
-  PHASE C WORK ZONE
-  WORK ZONE SIGN
-  PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
-  TEMPORARY CURB RAMP W/ DETECTABLE WARNING DEVICE
-  TEMPORARY WALKWAY

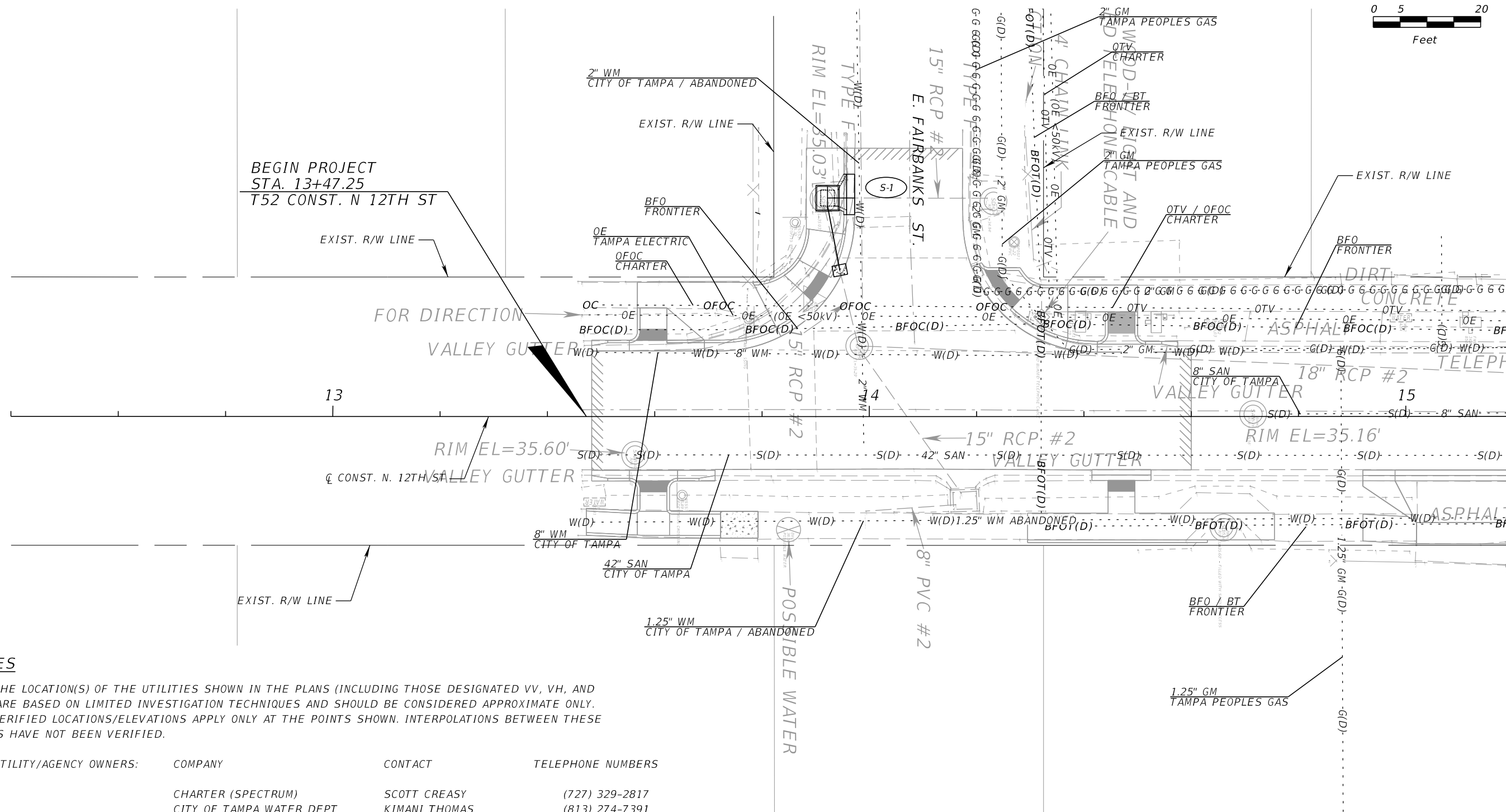
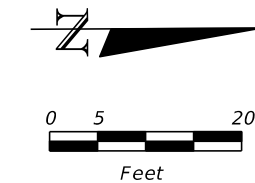


TEMPORARY PEDESTRIAN CROSSING DETAIL

REVISIONS				MERIAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT			TEMPORARY TRAFFIC CONTROL PLAN (3)	SHEET NO. 31
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY	FINANCIAL PROJECT ID		
					HILLSBOROUGH	443582-1-58-01			

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N. 12TH ST



NOTES

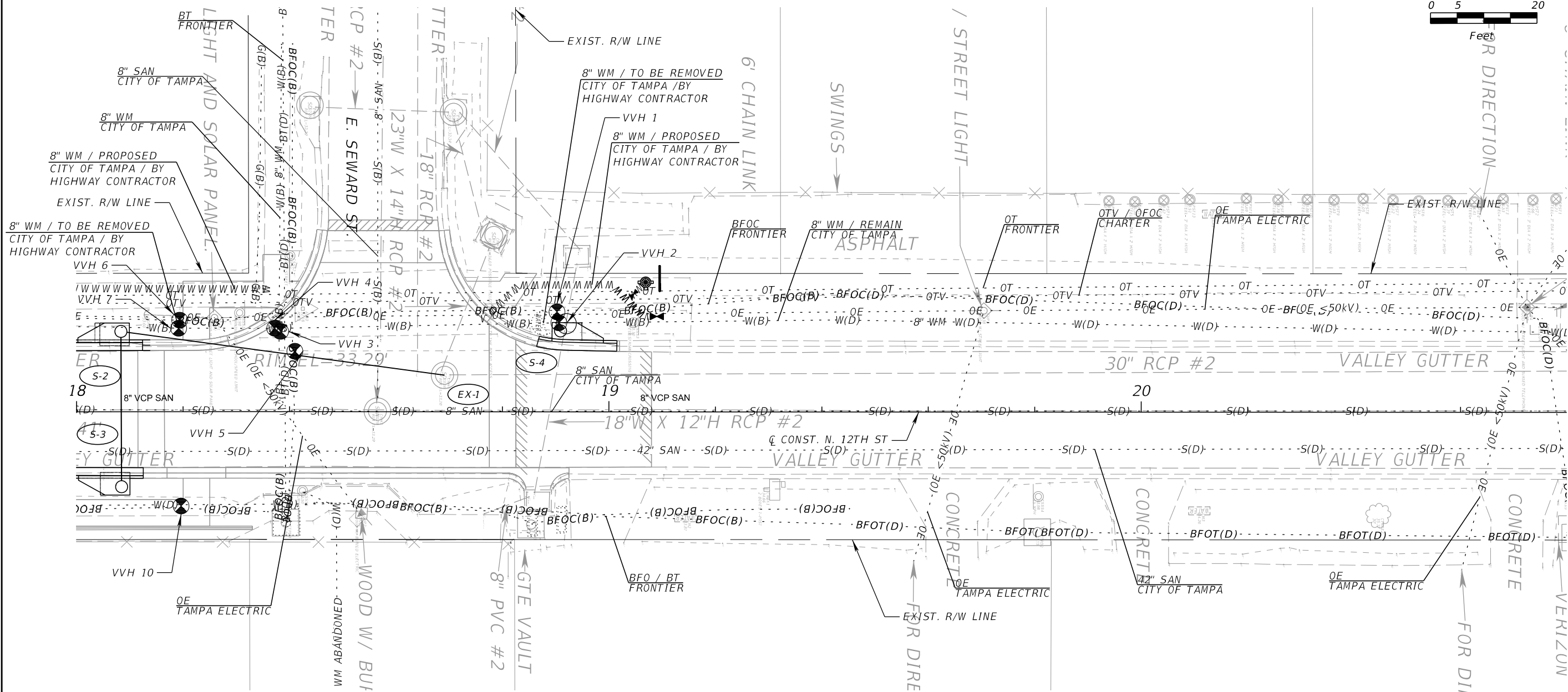
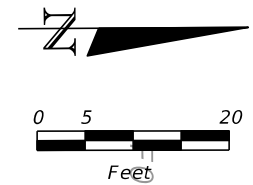
1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED VV, VH, AND VVH) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

UTILITY/AGENCY OWNERS:	COMPANY	CONTACT	TELEPHONE NUMBERS
	CHARTER (SPECTRUM)	SCOTT CREASY	(727) 329-2817
	CITY OF TAMPA WATER DEPT	KIMANI THOMAS	(813) 274-7391
	CITY OF TAMPA WASTEWATER DEPT	DARRELL HILL	(813) 274-8081
	CROWN CASTLE	MICHAEL GARRISON	(407) 341-5350
	FRONTIER	RANDALL JAMES	(813) 892-9692
	TAMPA ELECTRIC	HEATHER LOVETT	(813) 275-3433
	TAMPA PEOPLES GAS	JAMES HAMILTON	(813) 275-3732

REVISIONS				MERIAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT		UTILITY ADJUSTMENTS (1)	SHEET NO. 32
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY		
					HILLSBOROUGH	443582-1-58-01		

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N. 12TH ST



SUMMARY OF VERIFIED UTILITIES

Test Hole #	Utility Type	Utility Material	Utility Size	Owner	Station	Offset	LT/RT	Ground Elevation	Top of Utility Elevation	Depth of Cover	Marker Set	Comments
VVH 1	FOC	HDPE	1.25"	Frontier	18+90.24	18.76'	LT	32.95'	31.10'	1.85'	SIRC	
VVH 2	WM	CIP	8"	City of Tampa	18+90.59	16.72'	LT	33.10'	29.23'	3.87'	SIRC	
VVH 3	WM	CIP	3"	City of Tampa	18+38.31	15.07'	LT	32.98'	30.24'	2.74'	SMAGD	
VVH 4	WM	CIP	8"	City of Tampa	18+37.21	15.66'	LT	32.91'	29.42'	3.49'	SMAGD	
VVH 5	FOC	AC	3"	Frontier	18+40.99	11.34'	LT	33.15'	31.16'	1.99'	SMAGD	
VVH 6	FOC	HDPE	1.25"	Frontier	18+19.37	17.19'	LT	33.61'	31.66'	1.95'	SIRC	
VVH 7	WM	CIP	8"	City of Tampa	18+19.19	15.68'	LT	33.54'	30.19'	3.35'	SIRC	
VVH 10	FOC	HDPE	(3) 4"	Frontier	18+19.60	17.72'	RT	34.72'	31.72'	3.00'	SIRC	

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

MERIAM GARDNER, P.E.
 P.E. LICENSE NUMBER 86470
 FLORIDA TRANSPORTATION ENGINEERING, INC.
 11458 NORTH 53RD STREET
 TAMPA, FLORIDA 33617

CITY OF TAMPA MOBILITY DEPARTMENT

STREET	COUNTY	FINANCIAL PROJECT ID
	HILLSBOROUGH	443582-1-58-01

UTILITY ADJUSTMENTS (3)

SHEET NO.

34

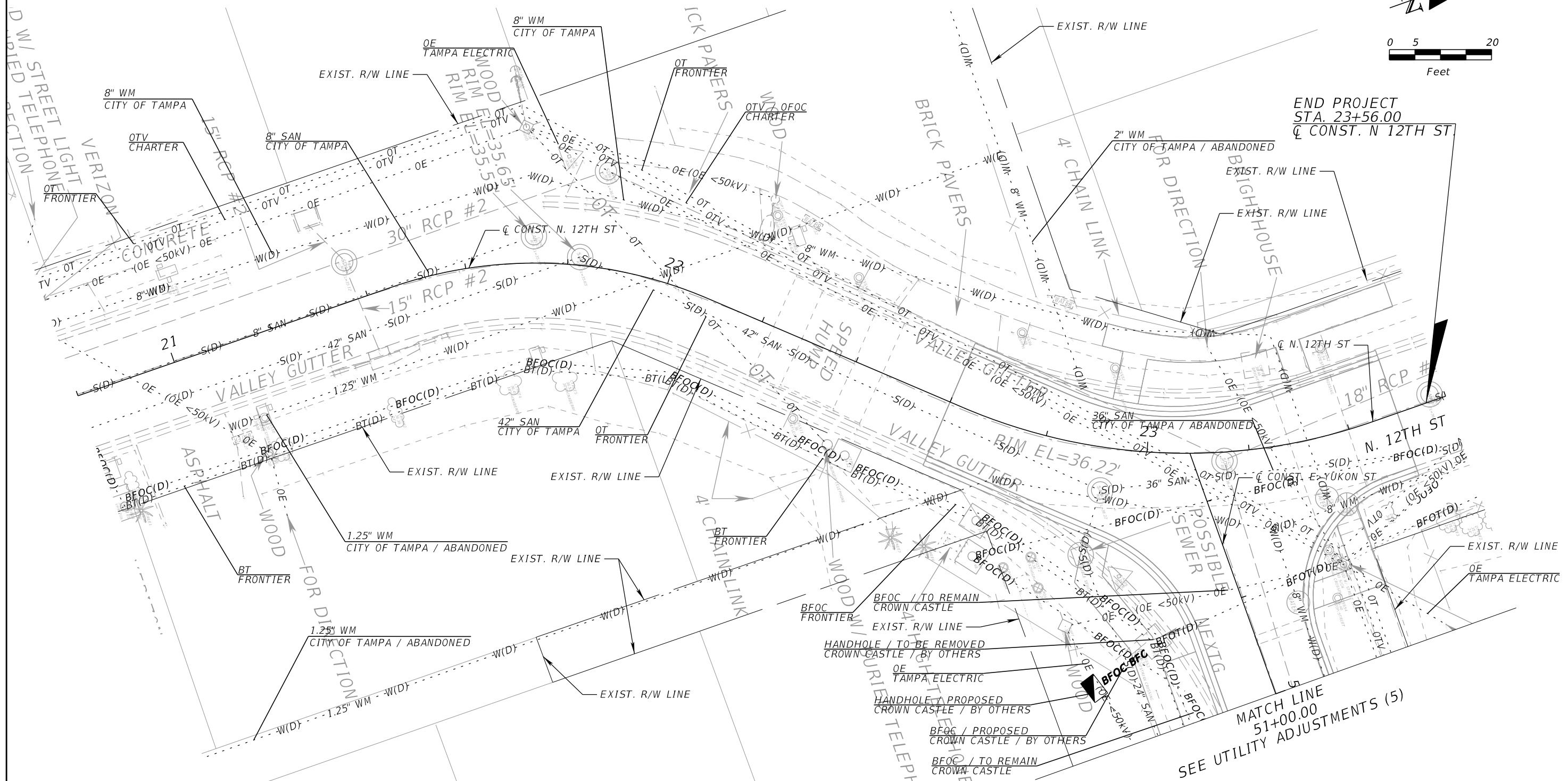
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

N. 12TH ST



Feet

END PROJECT
STA. 23+56.00
C CONST. N 12TH ST

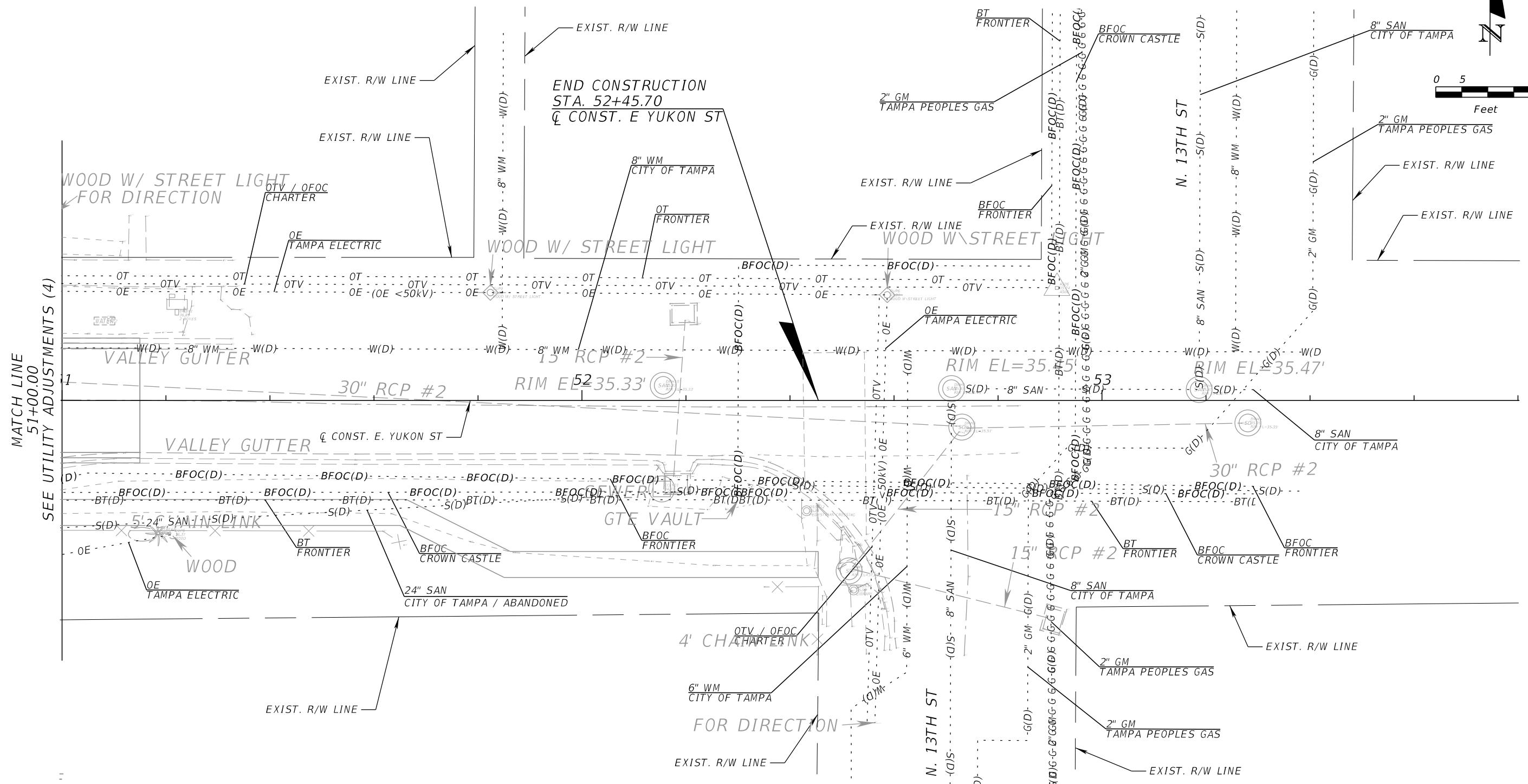
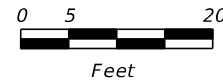
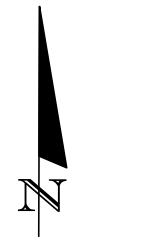


MATCH LINE
51+00.00
SEE UTILITY ADJUSTMENTS (5)

REVISIONS				MERIAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT		UTILITY ADJUSTMENTS (4)	SHEET NO. 35
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY		
					HILLSBOROUGH	443582-1-58-01		

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

E. YUKON ST

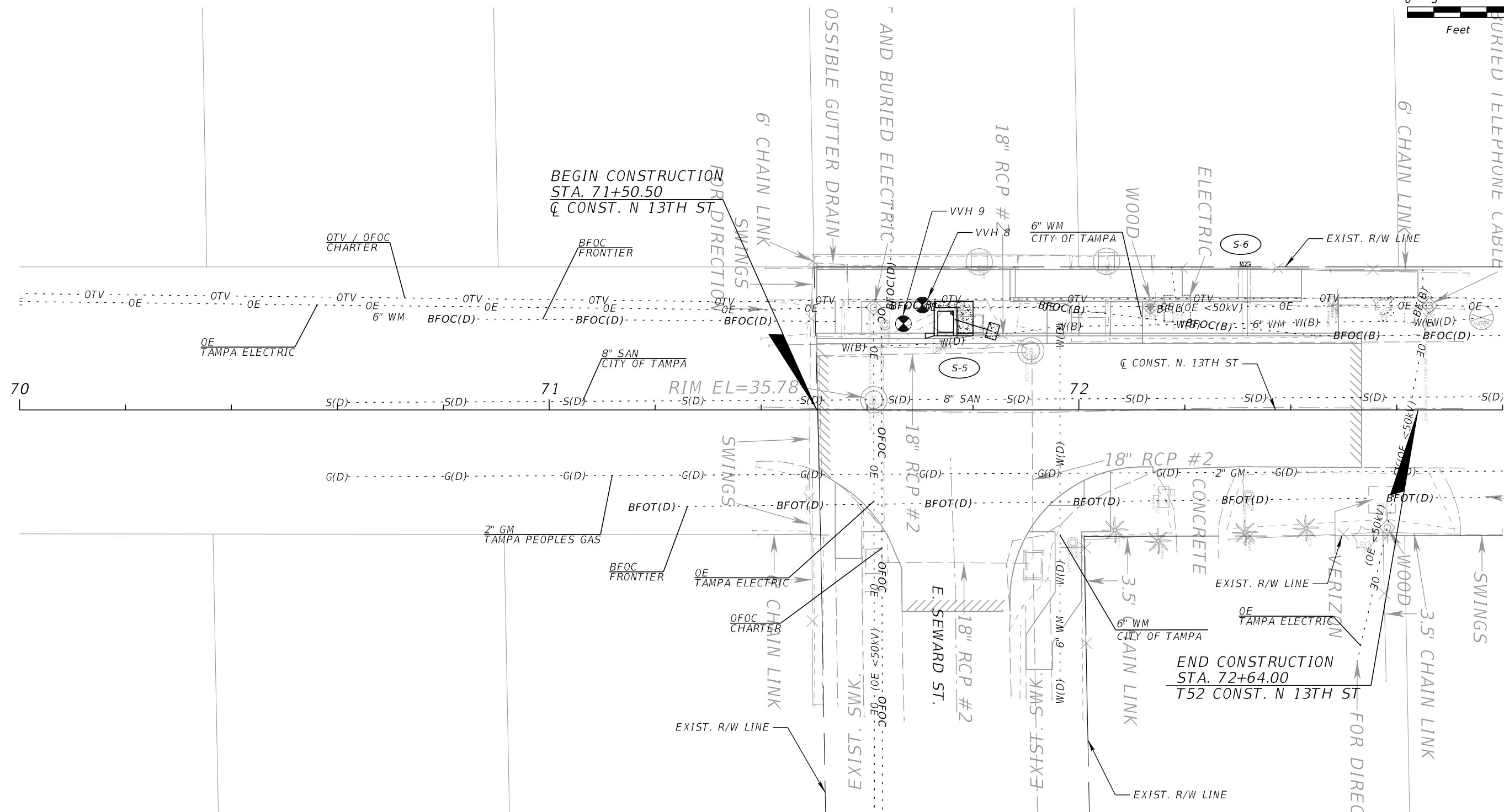
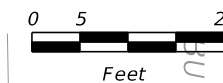


MATCH LINE
51+00.00
SEE UTILITY ADJUSTMENTS (4)

REVISIONS				MERIAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT			SHEET NO. 36
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY	FINANCIAL PROJECT ID	
					HILLSBOROUGH	443582-1-58-01	UTILITY ADJUSTMENTS (5)	

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N. 13TH ST



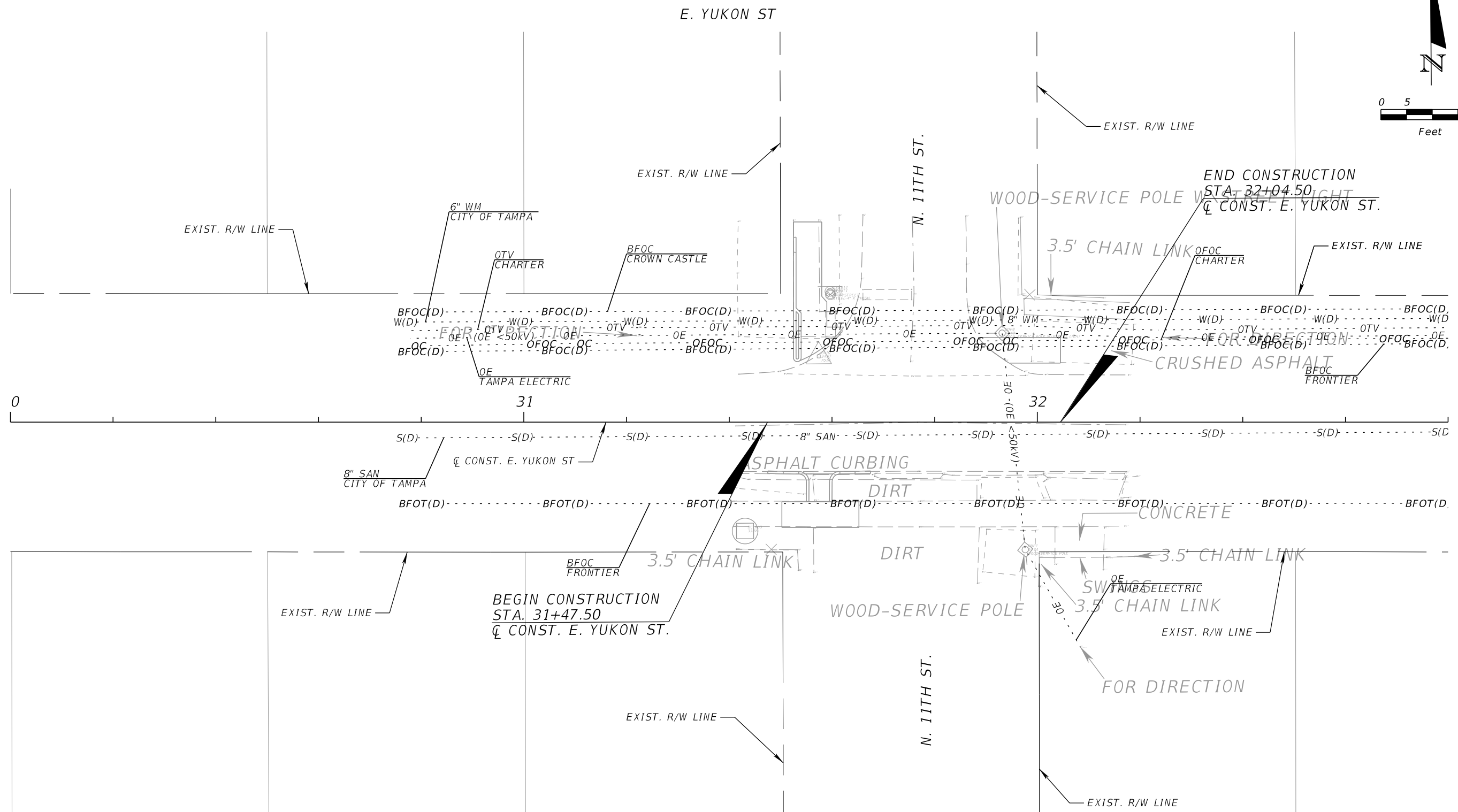
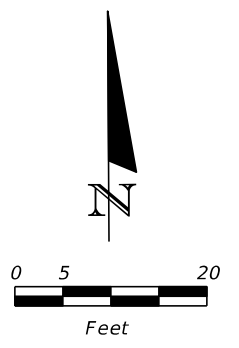
SUMMARY OF VERIFIED UTILITIES

Test Hole #	Utility Type	Utility Material	Utility Size	Owner	Station	Offset	LT/RT	Ground Elevation	Top of Utility Elevation	Depth of Cover	Marker Set	Comments
VVH 8	FOC	HDPE	4"	Frontier	71+70.46	19.82'	LT	35.77'	32.72'	3.05'	SIRC	
VVH 9	WM	CIP	6"	City of Tampa	71+66.87	16.28'	LT	35.61'	32.40'	3.21'	SIRC	AT 45 DEGREE BEND

REVISIONS				MERIAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT		SHEET NO. 37
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	FINANCIAL PROJECT ID	
				HILLSBOROUGH	443582-1-58-01		

UTILITY ADJUSTMENTS (6)

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

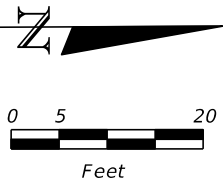


REVISIONS				MERIAM GARDNER, P.E. P.E. LICENSE NUMBER 86470 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT		UTILITY ADJUSTMENTS (7)	SHEET NO. 38
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY		
					HILLSBOROUGH	443582-1-58-01		

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N. 12TH ST

E. FAIRBANKS ST.



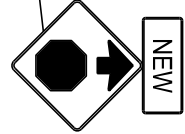
BEGIN PAVEMENT MARKINGS
STA. 13+48.00
☐ CONST. N 12TH ST

BEGIN SIGNING
STA. 12+48.00
☐ CONST. N 12TH ST

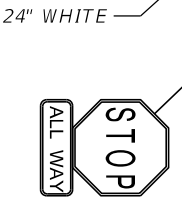
EXIST. R/W LINE

☐ CONST. N. 12TH ST 13

EXIST. R/W LINE



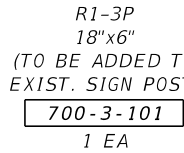
W16-15P
24"x12"
W3-1
30"x30"
STA. 12+48
700-1-11 1 AS
700-13-15 1 EA



R1-1
30"x30"
R1-3P
18"x6"
STA. 13+48
700-1-11 1 AS
700-13-15 1 EA



EXIST. SIGN
(TO BE REMOVED)
700-1-60
1 AS



R1-3P
18"x6"
(TO BE ADDED TO
EXIST. SIGN POST)
700-3-101
1 EA

EXIST. SIGN
(TO BE REMOVED)
700-1-60
1 AS

24" PREFORMED WHITE
THERMOPLASTIC (TYP.)

24" WHITE



R1-3P
18"x6"
(TO BE ADDED TO
EXIST. SIGN POST)
700-3-101
1 EA

EXIST. R/W LINE

SULPHUR SPRINGS
ELEMENTARY SCHOOL



R1-1
30"x30"
R1-3P
18"x6"
STA. 14+59
700-1-11 1 AS
700-13-15 1 EA

EXIST. R/W LINE

24" WHITE

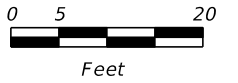
EXIST. R/W LINE

12" STANDARD WHITE
THERMOPLASTIC (TYP.)

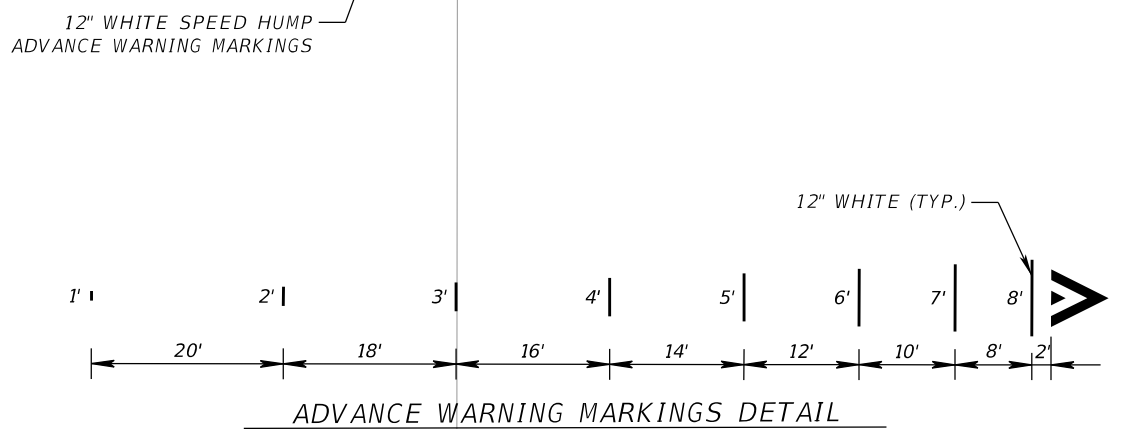
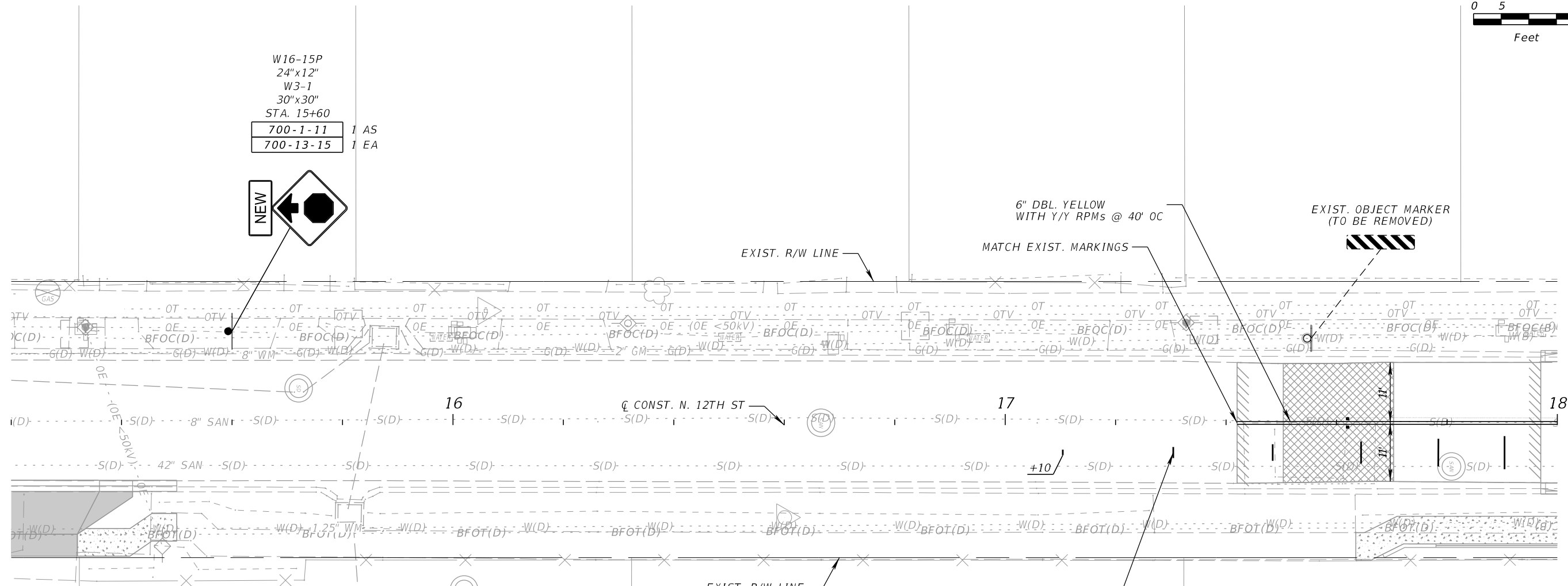
15

REVISIONS				OLIVER REMY RODRIGUES, P.E., P.T.O.E. P.E. LICENSE NUMBER 50646 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT		SIGNING AND PAVEMENT MARKING PLAN (1)	SHEET NO. 39
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY		
					HILLSBOROUGH	443582-1-58-01		

N. 12TH ST



W16-15P
24"x12"
W3-1
30"x30"
STA. 15+60
700-1-11 AS
700-13-15 EA



REVISIONS				OLIVER REMY RODRIGUES, P.E., P.T.O.E. P.E. LICENSE NUMBER 50646 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT		SIGNING AND PAVEMENT MARKING PLAN (2)	SHEET NO. 40
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	FINANCIAL PROJECT ID		
					HILLSBOROUGH	443582-1-58-01		

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EXIST. SIGN ASSEMBLY
TO BE RELOCATED TO
STA. 18+40

700-1-50
1 AS

15 MPH
SPEED TABLES

STOP

N 12th St
E Seward St

EXIST. SIGN
(TO REMAIN)

SCHOOL
SPEED
LIMIT
15
WHEN
FLASHING

17' LT.

10' (TYP.)

8" VCP SAN

24" LF

18" RCP

61 LF

18" RCP

8" SAN

24" LF

18" RCP

61 LF

18" RCP

8" SAN

24" LF

18" RCP

61 LF

18" RCP

8" SAN

24" LF

18" RCP

35' LT.

17' LT.

10' (TYP.)

8" VCP SAN

24" LF

18" RCP

61 LF

18" RCP

8" SAN

24" LF

18" RCP

61 LF

18" RCP

8" SAN

24" LF

18" RCP

61 LF

18" RCP

8" SAN

24" LF

18" RCP

61 LF

18" RCP

8" SAN

24" LF

18" RCP

61 LF

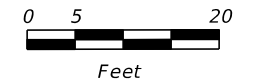
18" RCP

8" SAN

24" LF

E. SEWARD ST

N. 12TH ST



24" WHITE
EXIST. R/W LINE
12" STANDARD WHITE
THERMOPLASTIC (TYP.)



EXIST. SIGN
(TO REMAIN)

MATCH EXIST. MARKINGS

12" WHITE SPEED HUMP
ADVANCE WARNING MARKINGS

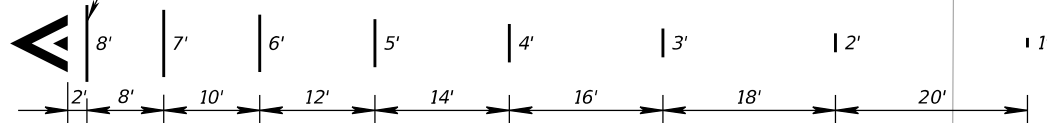
EXIST. R/W LINE

12" WHITE SPEED
HUMP MARKING (TYP.)



EXIST. SIGN
(TO REMAIN)

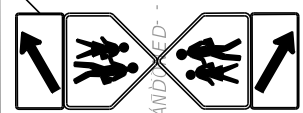
12" WHITE (TYP.)



ADVANCE WARNING MARKINGS DETAIL

6" DBL.
YELLOW
WITH Y/Y
RPMs @ 40' OC

24" PREFORMED WHITE
THERMOPLASTIC (TYP.)



S1-1
36"x36"
W16-7P
24"x12"

STA. 18+08
700-1-12 1 AS
700-13-15 1 EA

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

OLIVER REMY RODRIGUES, P.E., P.T.O.E.
P.E. LICENSE NUMBER 50646
FLORIDA TRANSPORTATION ENGINEERING, INC.
11458 NORTH 53RD STREET
TAMPA, FLORIDA 33617

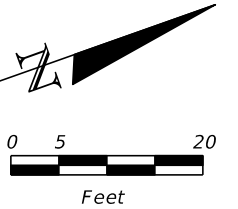
CITY OF TAMPA MOBILITY DEPARTMENT		
STREET	COUNTY	FINANCIAL PROJECT ID
	HILLSBOROUGH	443582-1-58-01

**SIGNING AND PAVEMENT
MARKING PLAN (3)**

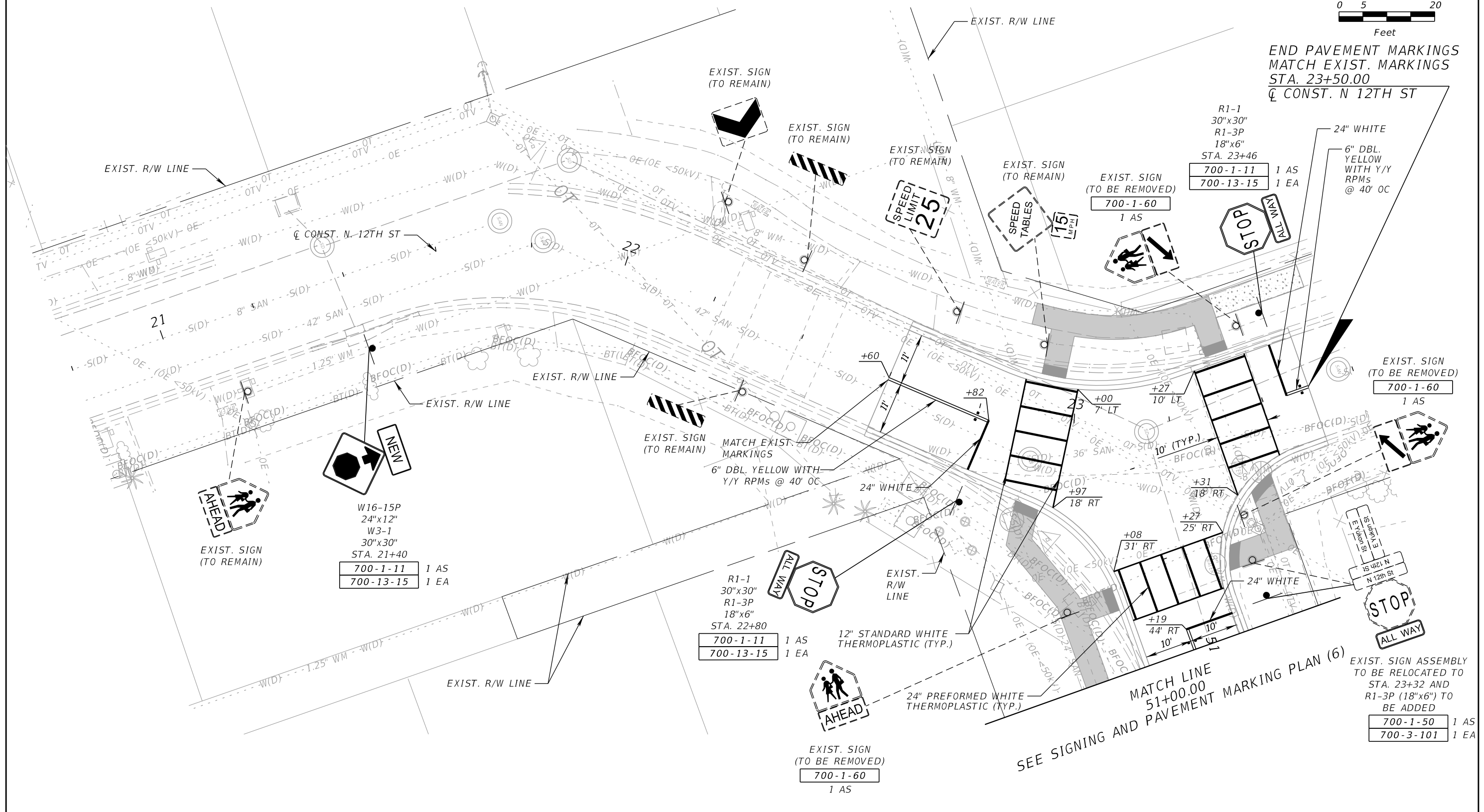
SHEET
NO.
41

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N. 12TH ST



END PAVEMENT MARKINGS
MATCH EXIST. MARKINGS
STA. 23+50.00
☐ CONST. N 12TH ST



W16-15P
24"x12"
W3-1
30"x30"
STA. 21+40
700-1-11 1 AS
700-13-15 1 EA

R1-1
30"x30"
R1-3P
18"x6"
STA. 22+80
700-1-11 1 AS
700-13-15 1 EA

R1-1
30"x30"
R1-3P
18"x6"
STA. 23+46
700-1-11 1 AS
700-13-15 1 EA

EXIST. SIGN
(TO BE REMOVED)
700-1-60
1 AS

EXIST. SIGN
(TO BE REMOVED)
700-1-60
1 AS

EXIST. SIGN ASSEMBLY
TO BE RELOCATED TO
STA. 23+32 AND
R1-3P (18"x6") TO
BE ADDED
700-1-50 1 AS
700-3-101 1 EA

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

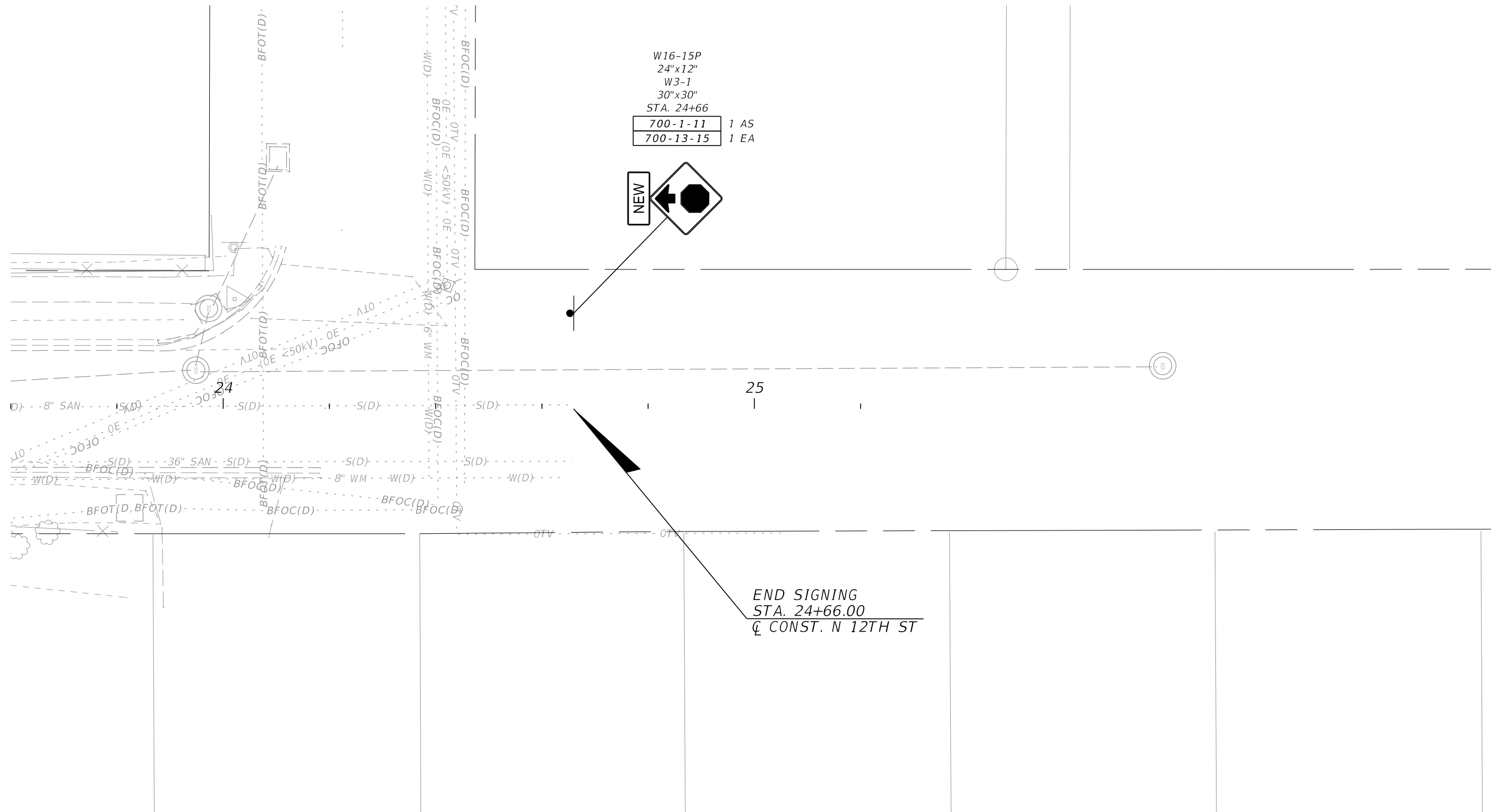
OLIVER REMY RODRIGUES, P.E., P.T.O.E.
P.E. LICENSE NUMBER 50646
FLORIDA TRANSPORTATION ENGINEERING, INC.
11458 NORTH 53RD STREET
TAMPA, FLORIDA 33617

CITY OF TAMPA MOBILITY DEPARTMENT		
STREET	COUNTY	FINANCIAL PROJECT ID
	HILLSBOROUGH	443582-1-58-01

**SIGNING AND PAVEMENT
MARKING PLAN (4)**

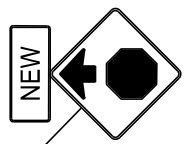
SHEET
NO.
42

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W16-15P
 24"x12"
 W3-1
 30"x30"
 STA. 24+66

700-1-11	1 AS
700-13-15	1 EA



25

END SIGNING
 STA. 24+66.00
 Q̄ CONST. N 12TH ST

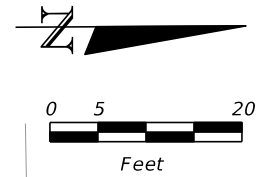
REVISIONS				OLIVER REMY RODRIGUES, P.E., P.T.O.E. P.E. LICENSE NUMBER 50646 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT			SIGNING AND PAVEMENT MARKING PLAN (5)	SHEET NO. 43
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY	FINANCIAL PROJECT ID		
					HILLSBOROUGH	443582-1-58-01			

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SUPLHUR SPRINGS
ELEMENTARY SCHOOL

NORMA & JOSEPH ROBINSON
PARTNERSHIP LIBRARY @
SULPHUR SPRINGS

SULPHUR SPRINGS
ELEMENTARY PARK

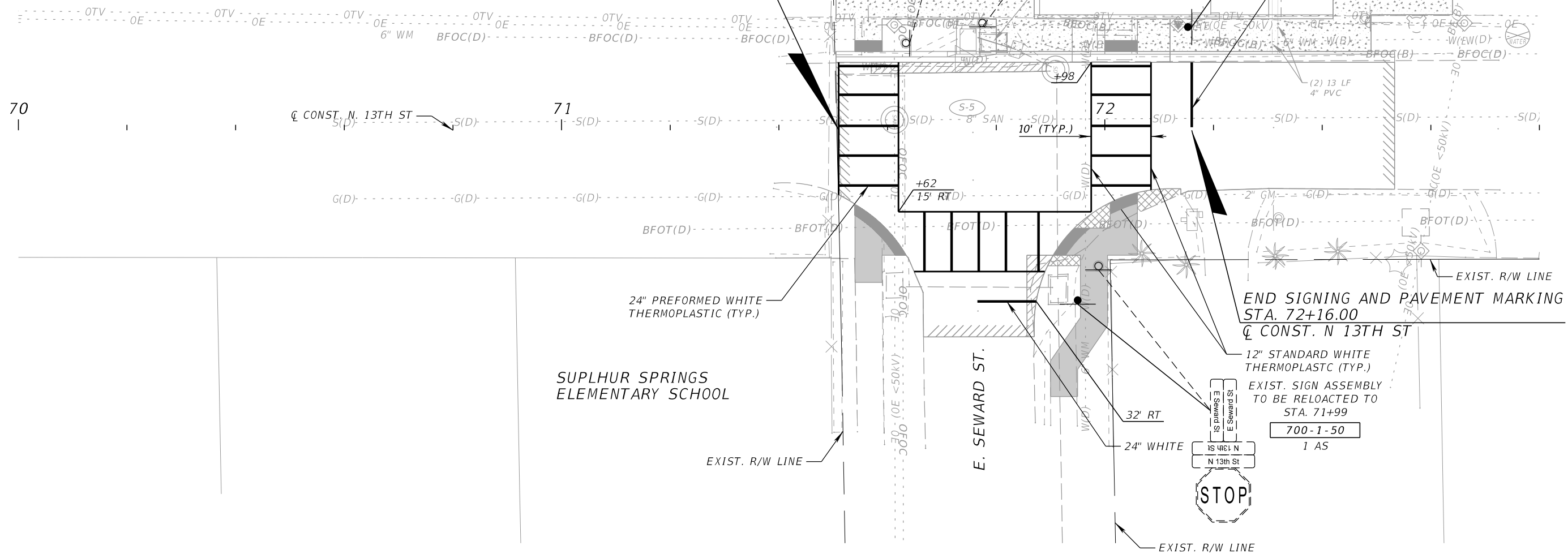


BEGIN SIGNING AND PAVEMENT MARKING
STA. 71+51.00
☐ CONST. N 13TH ST

EXIST. SIGN
(TO BE REMOVED)
700-1-60
1 AS

EXIST. SIGN
(TO REMAIN)

R1-1
30"x30"
STA. 72+16
700-1-11 1 AS
700-13-15 1 EA



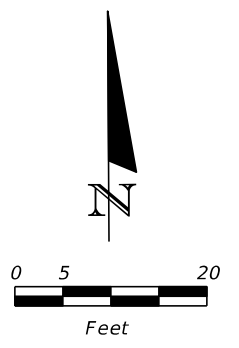
END SIGNING AND PAVEMENT MARKING
STA. 72+16.00
☐ CONST. N 13TH ST

EXIST. SIGN ASSEMBLY
TO BE RELOACTED TO
STA. 71+99
700-1-50
1 AS

SUPLHUR SPRINGS
ELEMENTARY SCHOOL

REVISIONS				OLIVER REMY RODRIGUES, P.E., P.T.O.E. P.E. LICENSE NUMBER 50646 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT		SIGNING AND PAVEMENT MARKING PLAN (7)	SHEET NO. 45
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	FINANCIAL PROJECT ID		
				HILLSBOROUGH	443582-1-58-01			

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EXIST. SIGN
(TO REMAIN)

S1-1
36"x36"
W16-9P
24"x12"
STA. 30+53

700-1-11	1 AS
700-13-15	1 EA

S1-1
36"x36"
W16-9P
24"x12"
STA. 32+53

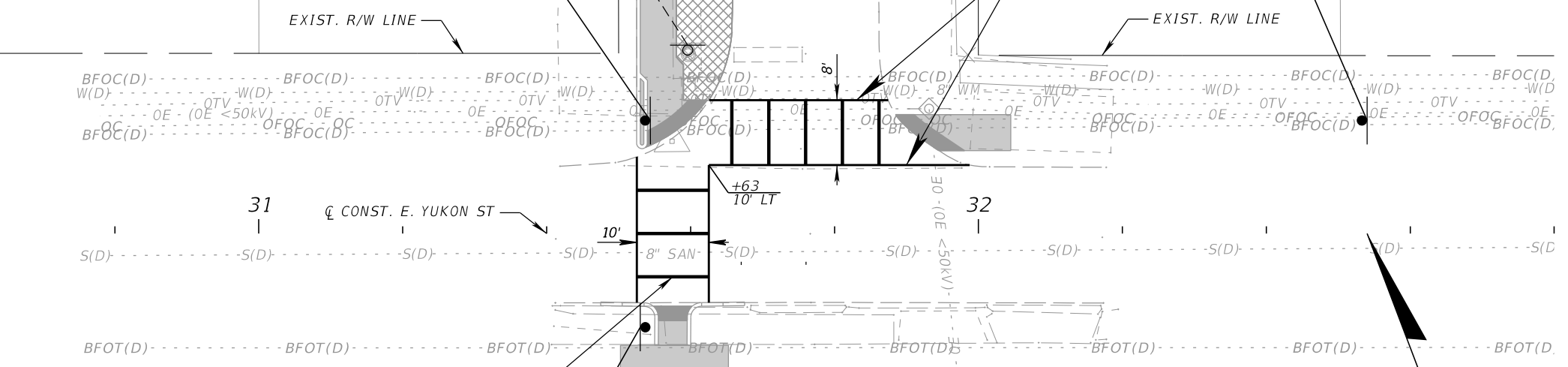
700-1-11	1 AS
700-13-15	1 EA

BEGIN SIGNING AND PAVEMENT MARKING
STA. 30+53.00
CL CONST. E YUKON ST

EXIST. R/W LINE

12" STANDARD WHITE THERMOPLASTIC (TYP.)

EXIST. R/W LINE



S1-1
36"x36"
W16-9P
24"x12"
STA. 30+53

700-1-11	1 AS
700-13-15	1 EA

S1-1
36"x36"
W16-7P
24"x12"
STA. 31+53

700-1-11	1 AS
700-13-15	1 EA

END SIGNING AND PAVEMENT MARKING
STA. 32+54.00
CL CONST. E YUKON ST

REVISIONS				OLIVER REMY RODRIGUES, P.E., P.T.O.E. P.E. LICENSE NUMBER 50646 FLORIDA TRANSPORTATION ENGINEERING, INC. 11458 NORTH 53RD STREET TAMPA, FLORIDA 33617	CITY OF TAMPA MOBILITY DEPARTMENT		SIGNING AND PAVEMENT MARKING PLAN (8)	SHEET NO. 46
DATE	DESCRIPTION	DATE	DESCRIPTION		STREET	COUNTY		
					HILLSBOROUGH	443582-1-58-01		

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