

CITY OF TAMPA  
TRANSPORTATION DEPARTMENT

CONTRACT PLANS

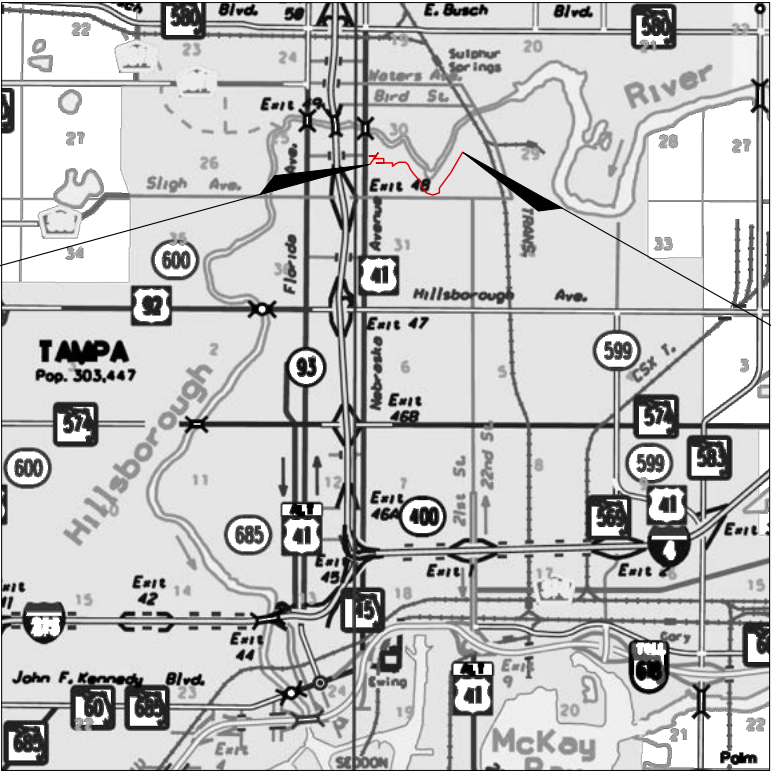
CITY CONTRACT NO. : 20-D-56202

GREEN ARTERY SEGMENT D

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
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40	SIGNING AND MARKING DETAIL
41	SUMMARY OF QUANTITIES

Beginning of Project  
STA. 11+94.51



Project Location



Ending of Project  
STA. 115+60.00

60% DESIGN PLANS  
FEBRUARY 2022

ROADWAY PLANS  
ENGINEER OF RECORD:

MARK RONALD DUNN, JR.  
P.E. NO.:73968  
PATEL, GREENE & ASSOCIATES, LLC  
12570 TELECOM DRIVE  
TEMPLE TERRACE, FLORIDA, 33637  
CONTRACT NO.: 20-D-56202  
VENDOR NO.: F452209743-001

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

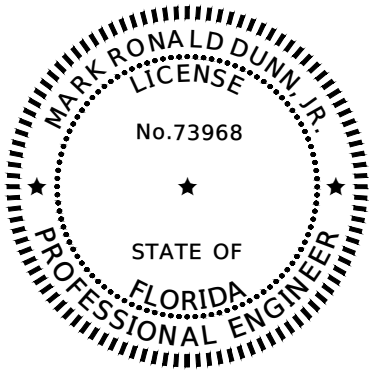
GOVERNING STANDARDS AND SPECIFICATIONS FLORIDA DEPARTMENT  
OF TRANSPORTATION FY 2022-23 DESIGN STANDARDS AND REVISED  
INDEX DRAWING AS APPENDED HEREIN, AND JANUARY 2022 STANDARD  
SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AS AMENDED  
BY CONTRACT DOCUMENTS AND THE CITY OF TAMPA.

PLANS PREPARED BY:



PATEL, GREENE & ASSOCIATES, LLC  
12570 TELECOM DRIVE  
TEMPLE TERRACE, FLORIDA, 33637  
(813) 978-3100  
VENDOR NO. F452209743-001

CIP NO.	FISCAL YEAR	SHEET NO.
20-D-56202	2022	1



THIS ITEM HAS BEEN DIGITALLY  
SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE  
NOT CONSIDERED SIGNED AND SEALED  
AND THE SIGNATURE MUST BE VERIFIED  
ON ANY ELECTRONIC COPIES.

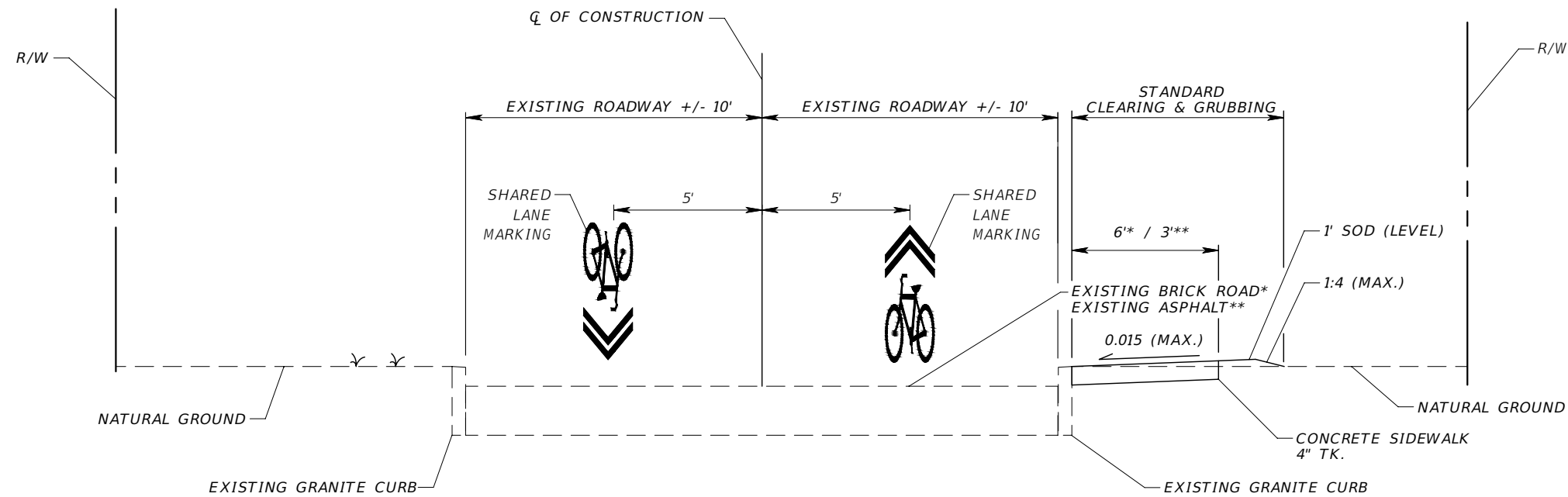
PATEL, GREENE & ASSOCIATES, LLC  
12570 TELECOM DRIVE  
TEMPLE TERRACE, FL 33637  
MARK RONALD DUNN, P.E. NO. 73968

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

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
1	KEY SHEET
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3 - 5	TYPICAL SECTION
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12 - 33	ROADWAY PLAN
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R E V I S I O N S				CITY OF TAMPA TRANSPORTATION DEPARTMENT			SIGNATURE SHEET
DATE	DESCRIPTION	DATE	DESCRIPTION				
				ROAD NO.	COUNTY	CITY CONTRACT NO.	
				N/A	HILLSBOROUGH	20-D-56202	2

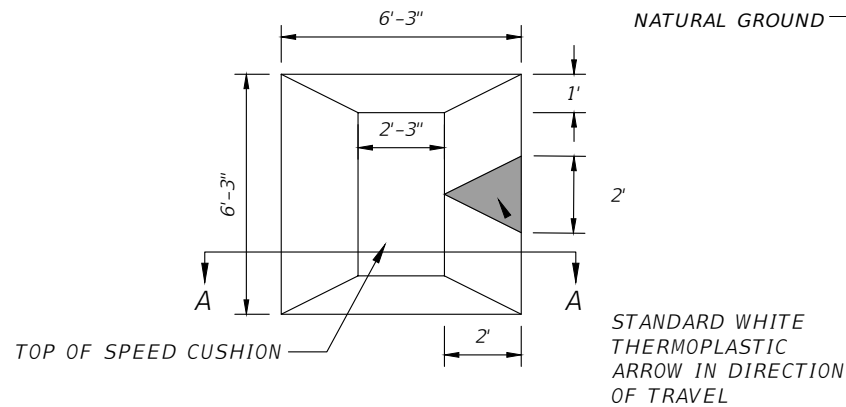
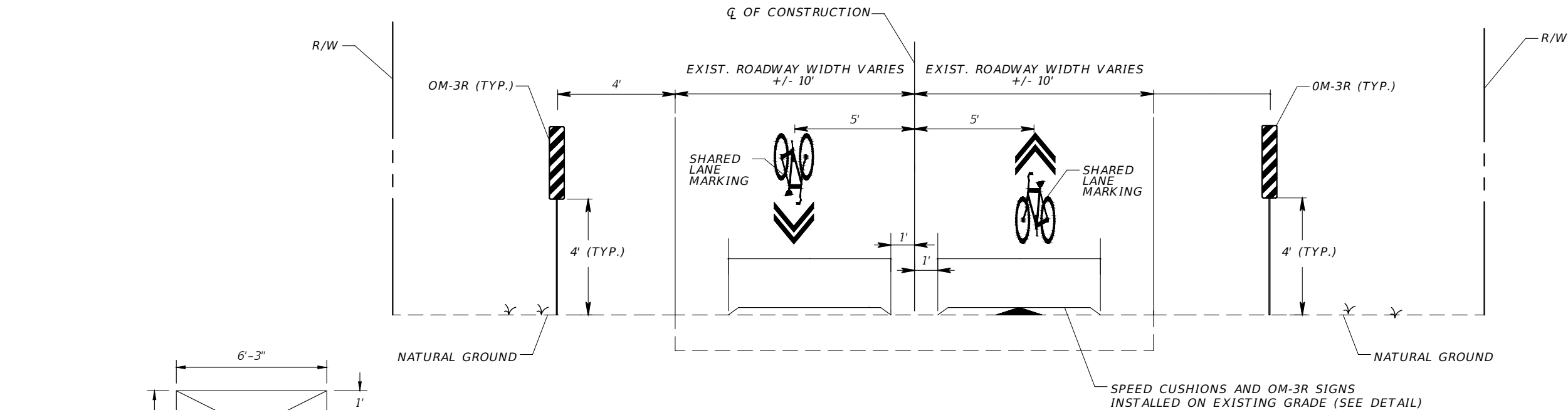
MARK RONALD DUNN, JR., P.E.  
P.E. LICENSE NUMBER 73968  
PATEL, GREENE & ASSOCIATES, LLC  
12570 TELECOM DRIVE  
TEMPLE TERRACE, FLORIDA 33637



**TYPICAL SECTION 1**  
BICYCLE BOULEVARD SHARED LANE MARKINGS AND SIDEWALK  
VAN DYKE PL.\*  
STA 90+24.24 TO STA 93+39.54  
E HOLLYWOOD ST.\*\*  
STA 30+34.87 TO STA 32+14.99

**NOTES**  
SHARED LANE MARKINGS TO BE SPACED AS SHOWN ON PLANS.  
LONGITUDINAL SLOPE OF SIDEWALK NOT TO EXCEED 5%

REVISIONS				MARK RONALD DUNN, JR., P.E. P.E. LICENSE NUMBER 73968 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SHEET NO.  3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	CITY CONTRACT NO.	
					N/A	HILLSBOROUGH	20-D-56202	



**SPEED CUSHION DETAIL**  
NTS

**TYPICAL SECTION 2**  
BICYCLE BOULEVARD SHARED LANE MARKINGS AND SPEED CUSHIONS

HAMILTON HEATH DR.  
STA. 20+00.00 TO STA. 26+68.65  
STA. 120+00.00 TO STA. 124+30.68

PATTERSON ST.  
STA. 40+00.00 TO STA. 47+53.58

E PARK CIR.  
STA. 70+00.00 TO STA. 90+31.41  
STA. 50+00.00 TO STA. 65+29.53

PARK DR.  
STA. 100+00.00 TO STA. 105+74.02  
STA. 60+00.00 TO STA. 63+73.42  
STA. 110+00.00 TO STA. 115+60.00

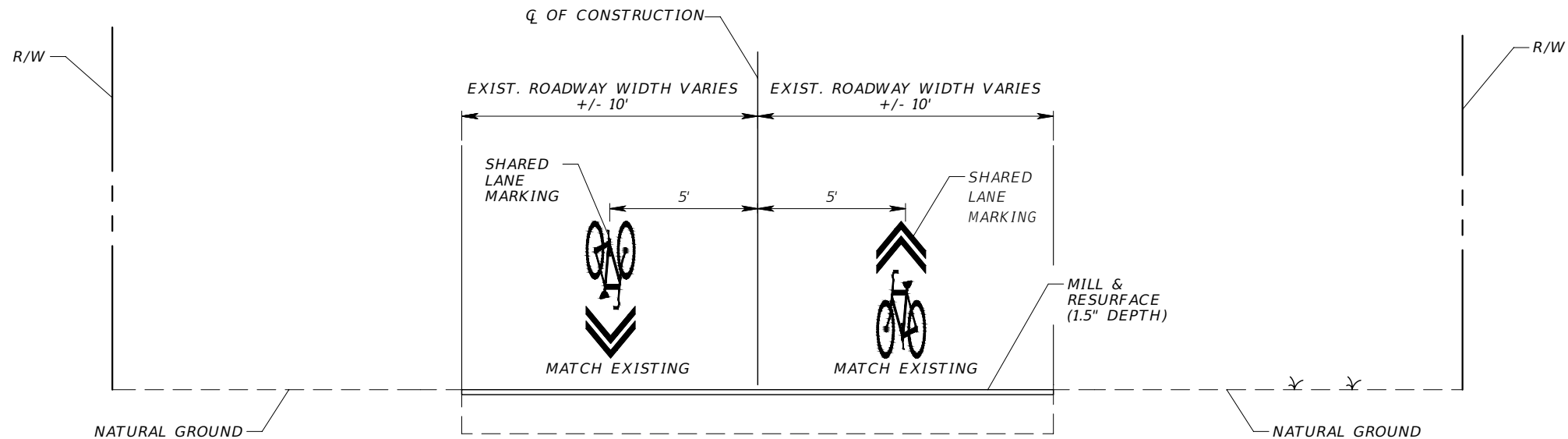
**NOTES**

SHARED LANE MARKINGS TO BE SPACED AS SHOWN ON PLANS.  
SPEED CUSHIONS AND OM-3R SIGNS TO BE SPACED WHERE INDICATED ON PLANS.

REVISIONS				MARK RONALD DUNN, JR., P.E. P.E. LICENSE NUMBER 73968 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SHEET NO.  4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	CITY CONTRACT NO.	
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**TYPICAL SECTION (2)**





**TYPICAL SECTION 3**

BICYCLE BOULEVARD SHARED LANE MARKINGS  
MILL EXIST. ASPHALT PAVEMENT (1.5" DEPTH)  
FRICTION COURSE FC-12.5 (TRAFFIC B) (1.5") (PG76-22)

E HOLLYWOOD ST.  
STA. 30+31.35 TO STA. 32+17.40

HAMILTON HEATH ST.  
STA. 20+03.28 TO STA. 26+40.00

E PATTERSON ST.  
STA. 40+30.00 TO STA. 47+20.00

E PARK CIR.  
STA. 50+00.00 TO STA. 56+20.00  
STA. 62+10.00 TO STA. 65+29.53

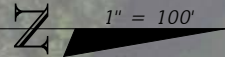
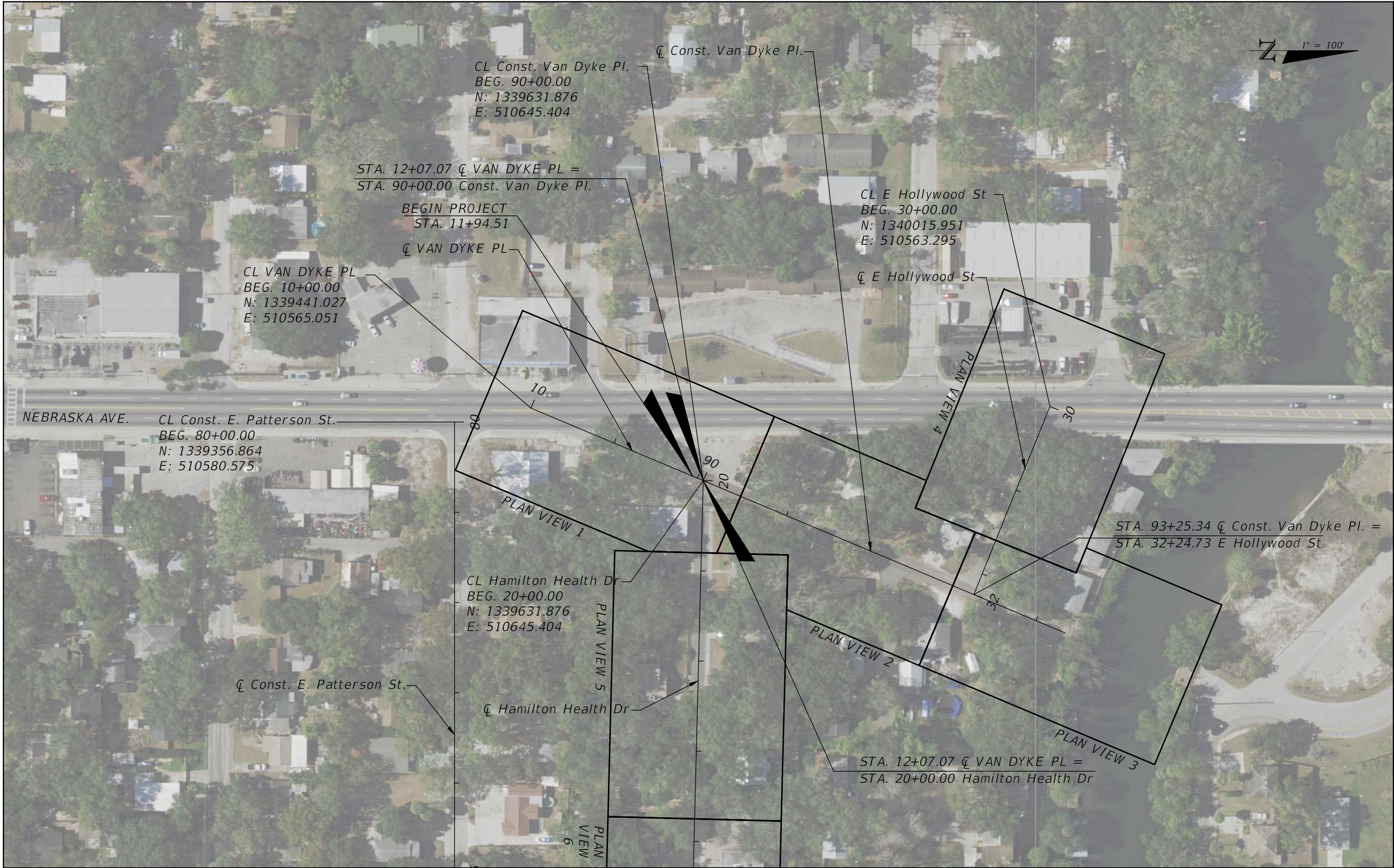
PARK DR.  
STA. 100+00.00 TO STA. 100+40.00  
STA. 60+80.00 TO STA. 62+80.00

**NOTES**

SHARED LANE MARKINGS TO BE SPACED AS SHOWN ON PLANS.

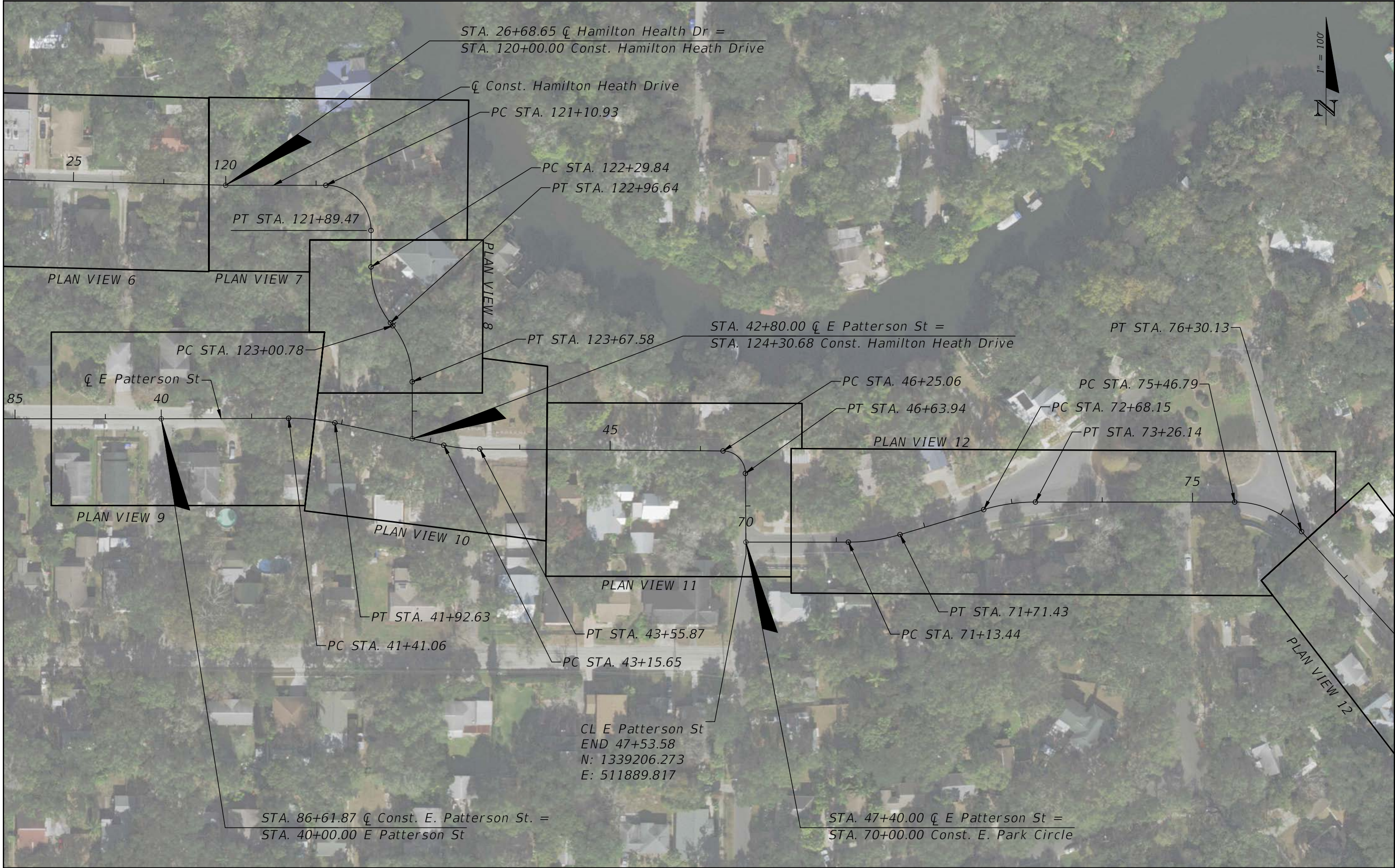
R E V I S I O N S				MARK RONALD DUNN, JR., P.E. P.E. LICENSE NUMBER 73968 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637	CITY OF TAMPA TRANSPORTATION DEPARTMENT			SHEET NO.  5
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REVISIONS				MARK RONALD DUNN, JR., P.E. P.E. LICENSE NUMBER 73968 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637	CITY OF TAMPA TRANSPORTATION DEPARTMENT			PROJECT LAYOUT (1)	SHEET NO.
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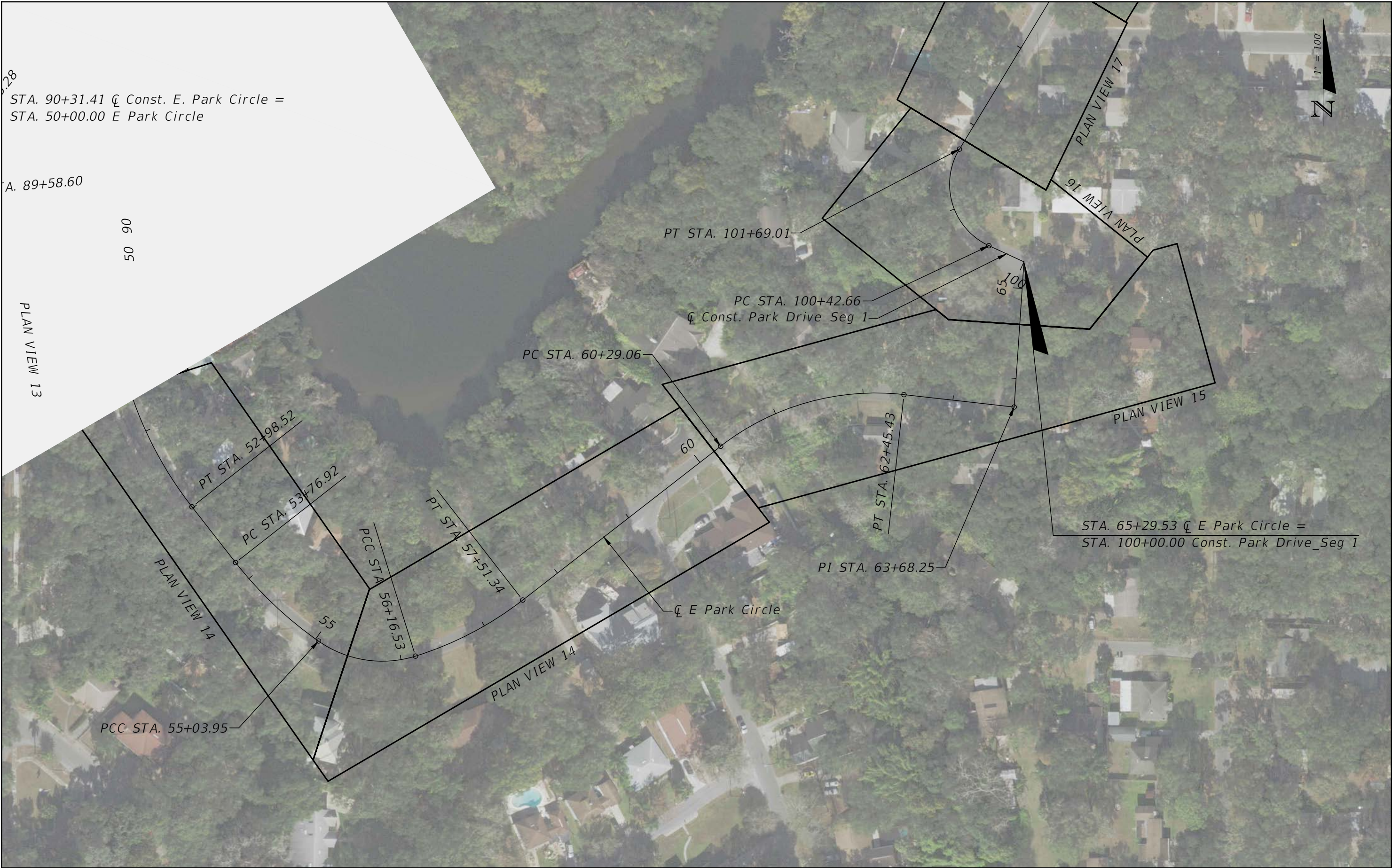




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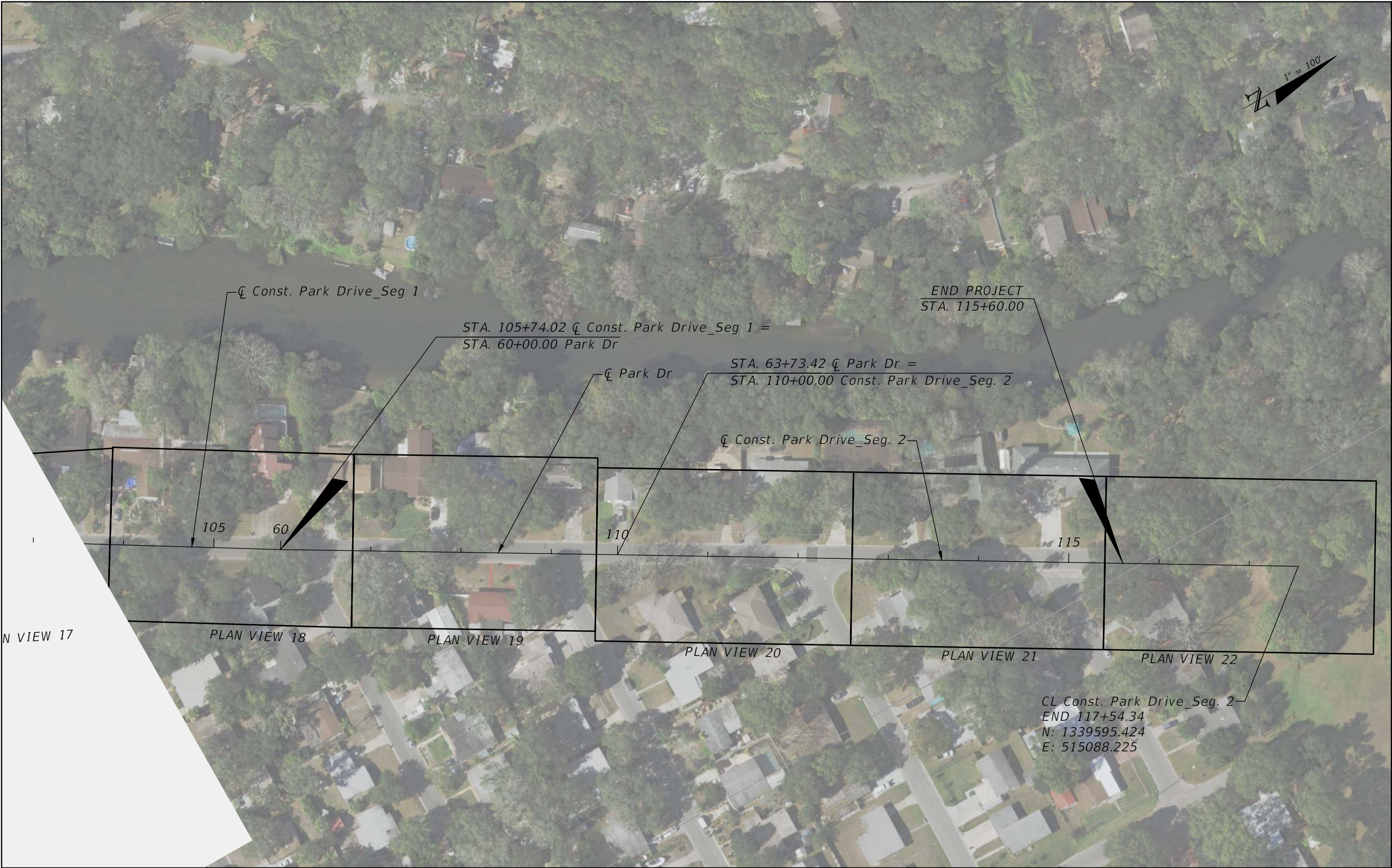
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	CITY CONTRACT NO.		8	
					N/A	HILLSBOROUGH	20-D-56202			





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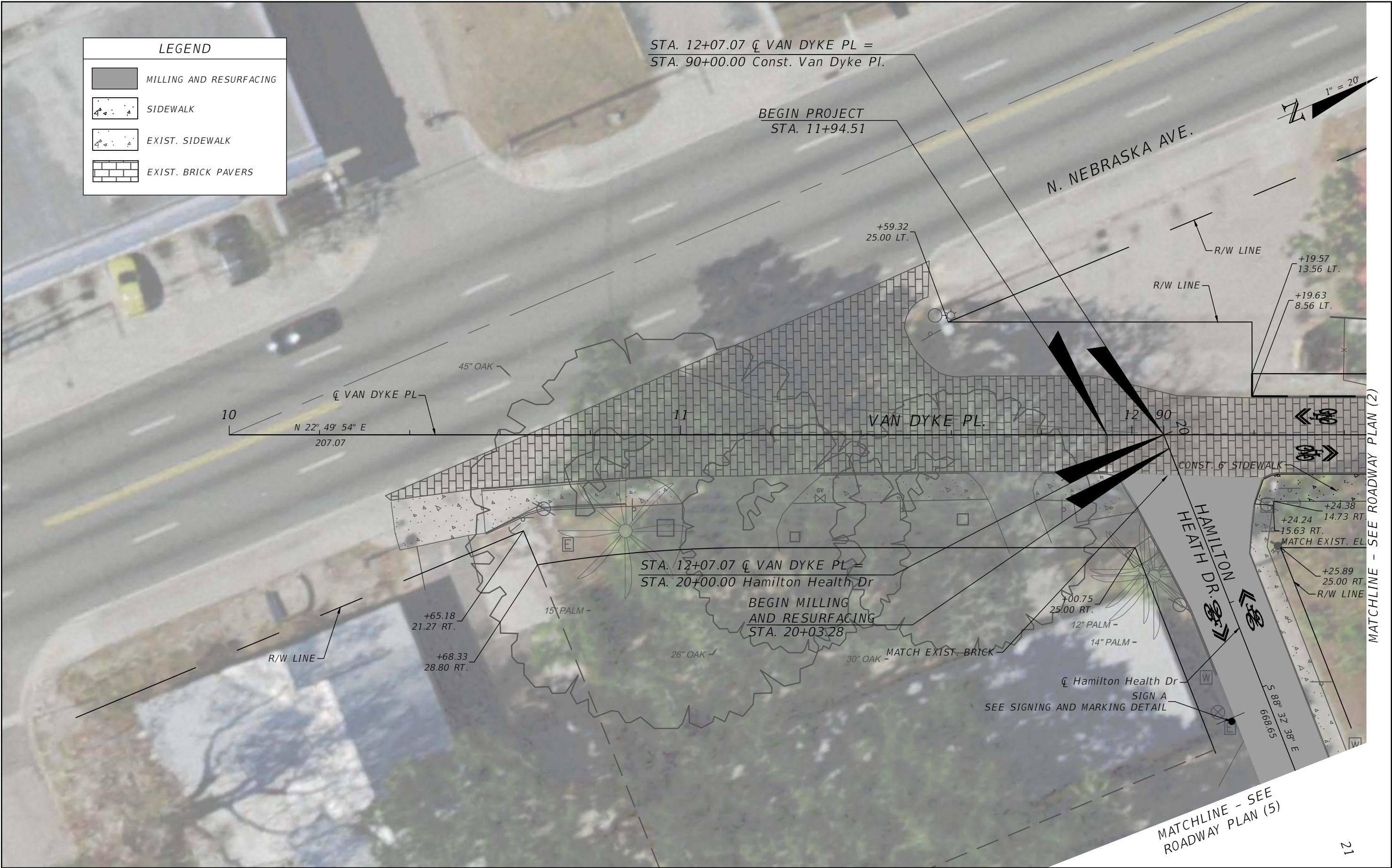
GENERAL NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. SURVEY AND ALIGNMENT PROVIDED BY SURVEYOR AT LOCATIONS OF MILLING/RESURFACING AND PROPOSED SIDEWALK. REMAINING ALIGNMENTS PROVIDED ALONG PROJECT ARE APPROXIMATE FOR INFORMATIONAL PURPOSES AND ARE NOT SURVEYED.
3. ALL EXISTING DRAINAGE STRUCTURES AND PIPES TO REMAIN UNLESS NOTED IN PLANS.
4. ALL EXISTING TREES TO REMAIN UNLESS OTHERWISE NOTED IN PLANS.
5. ALL EXISTING SIGNS TO REMAIN UNLESS OTHERWISE NOTED IN PLANS.
6. ANY EXISTING SIGNS TO REMAIN OR TO BE RELOCATED THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR COST.
7. EXISTING BRICK SHALL BE MAINTAINED. ENSURE EXISTING BRICK IS NOT DAMAGED AT LOCATIONS WHERE PAVEMENT MILLING/RESURFACING IS PROPOSED ADJACENT TO EXISTING BRICK.

UTILITY AGENCY OWNERS:

COMPANY	CONTACT	TELEPHONE NUMBER
CITY OF TAMPA WASTEWATER	RICHARD RIVERA	(813) 274-8957
CITY OF TAMPA WATER	KIMANI THOMAS	(813) 274-7391
FRONTIER COMMUNICATION	RANDALL JAMES	(813) 892-9692
SPECTRUM (CHARTER)	GENE GREGORY	(863) 333-4763
TECO	HEATHER C. LOVETT	(813) 477-0546
TECO PEOPLES GAS	JAMES K. HAMILTON	(813) 309-8531
ZAYO GROUP (LIGHTWAVE)	TESS BENTAYOU	(813) 363-6797

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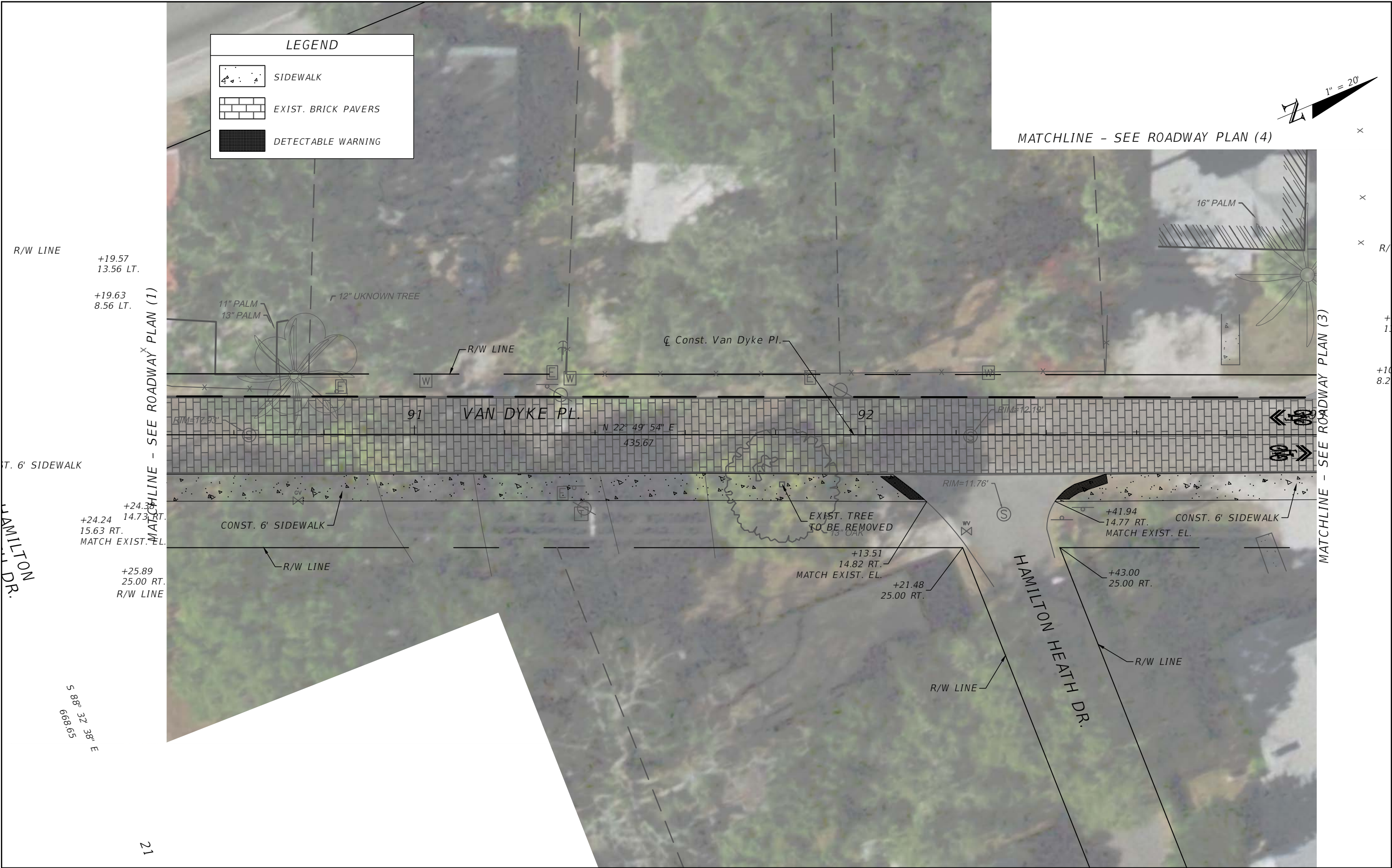
MATCHLINE - SEE ROADWAY PLAN (2)

MATCHLINE - SEE ROADWAY PLAN (5)

21

REVISIONS				MARK RONALD DUNN, JR., P.E. P.E. LICENSE NUMBER 73968 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637	CITY OF TAMPA TRANSPORTATION DEPARTMENT			ROADWAY PLAN (1)	SHEET NO.
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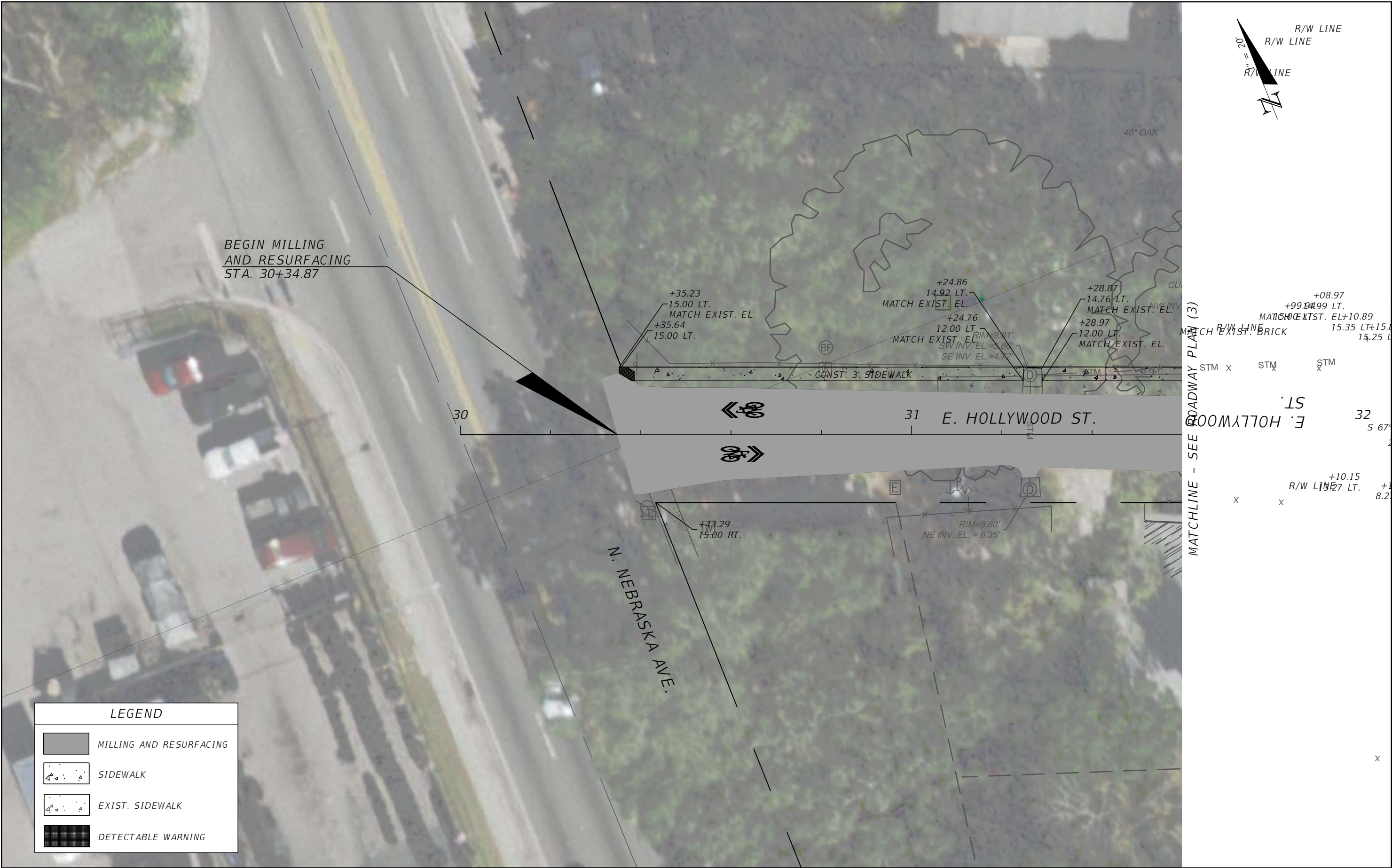
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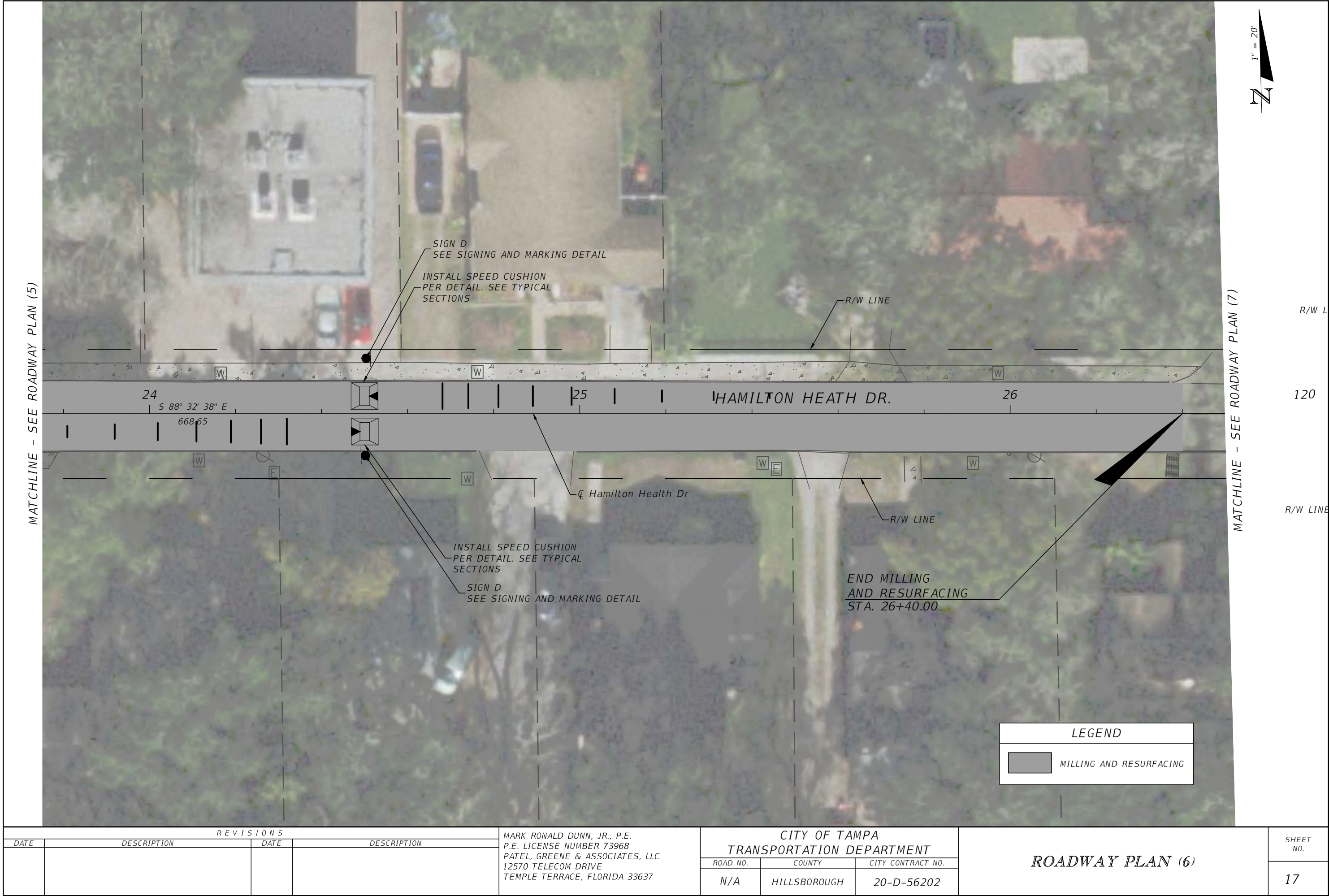
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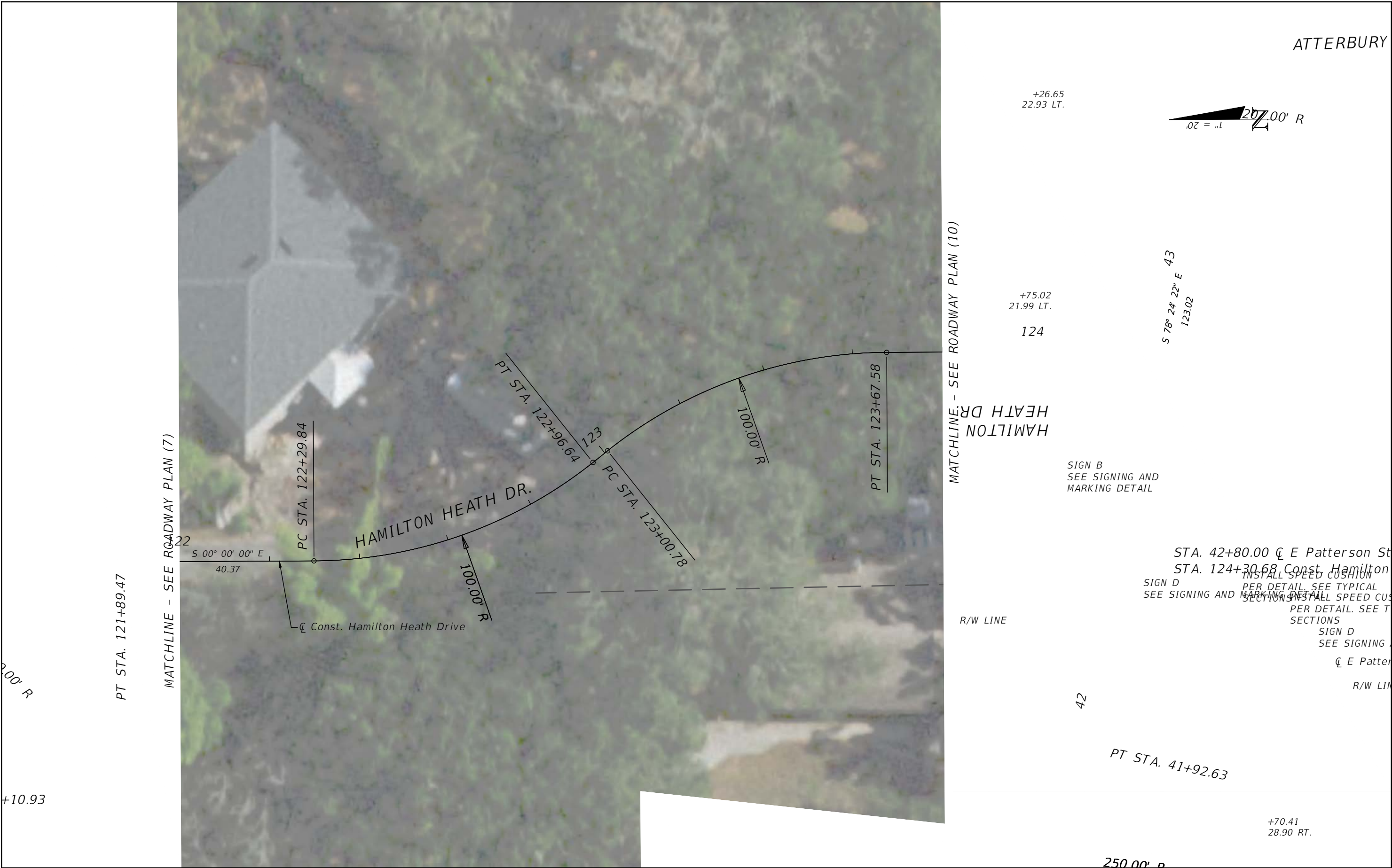
REVISIONS				MARK RONALD DUNN, JR., P.E. P.E. LICENSE NUMBER 73968 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637	CITY OF TAMPA TRANSPORTATION DEPARTMENT			ROADWAY PLAN (6)	SHEET NO.
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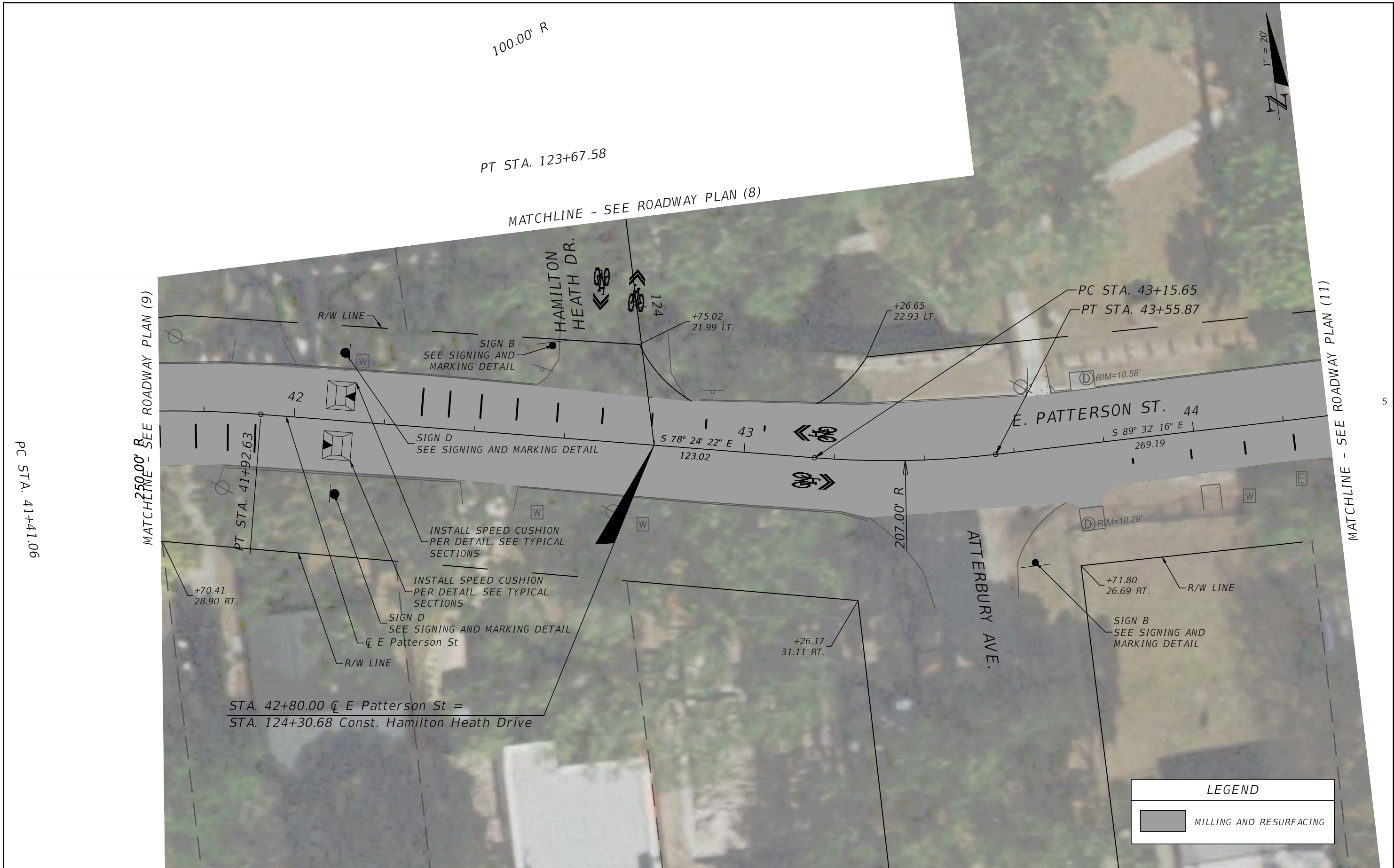


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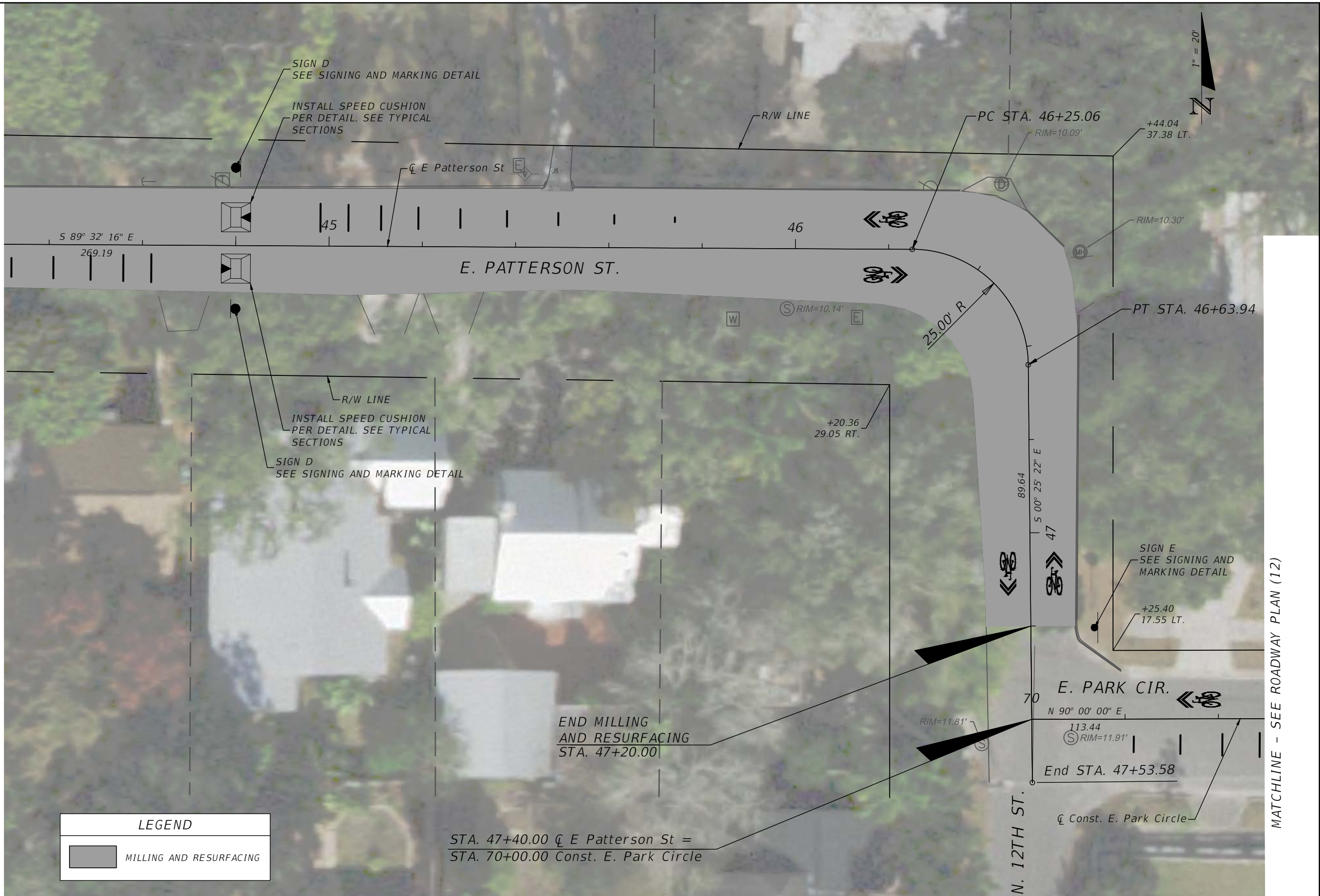




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MATCHLINE - SEE ROADWAY PLAN (10)



LEGEND			
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MARK RONALD DUNN, JR., P.E.  
P.E. LICENSE NUMBER 73968  
PATEL, GREENE & ASSOCIATES, LLC  
12570 TELECOM DRIVE  
TEMPLE TERRACE, FLORIDA 33637

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
ROAD NO.	COUNTY	CITY CONTRACT NO.
N/A	HILLSBOROUGH	20-D-56202

ROADWAY PLAN (11)	

SHEET NO.
22

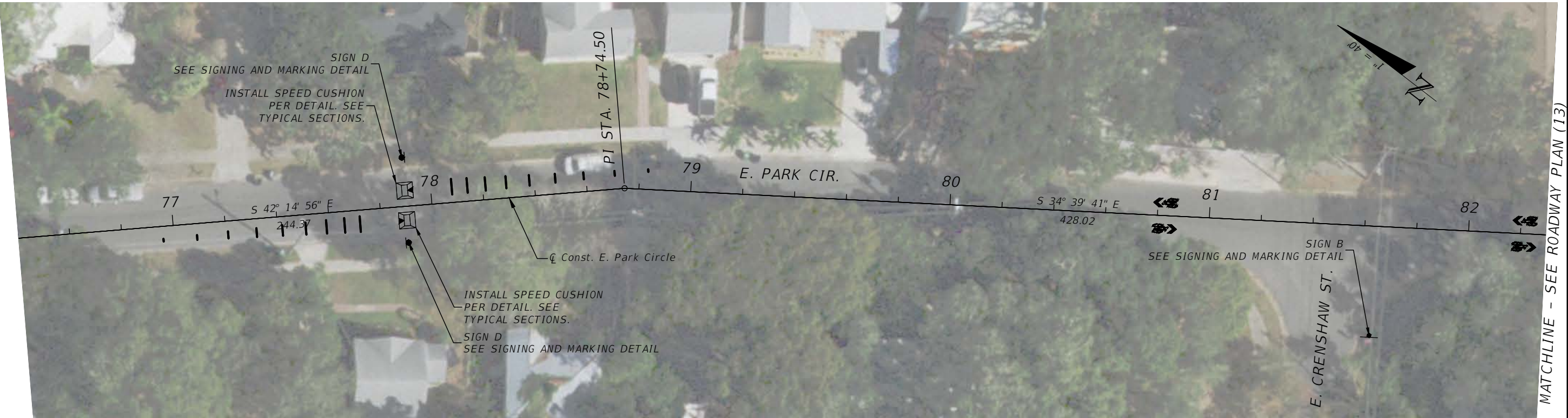
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MATCHLINE - SEE ROADWAY PLAN (11)



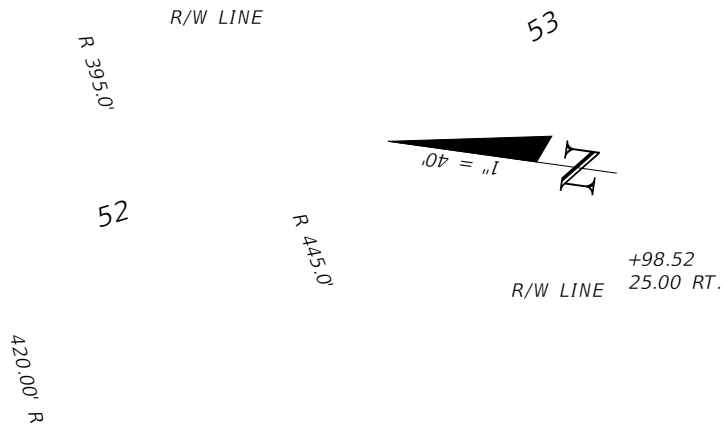
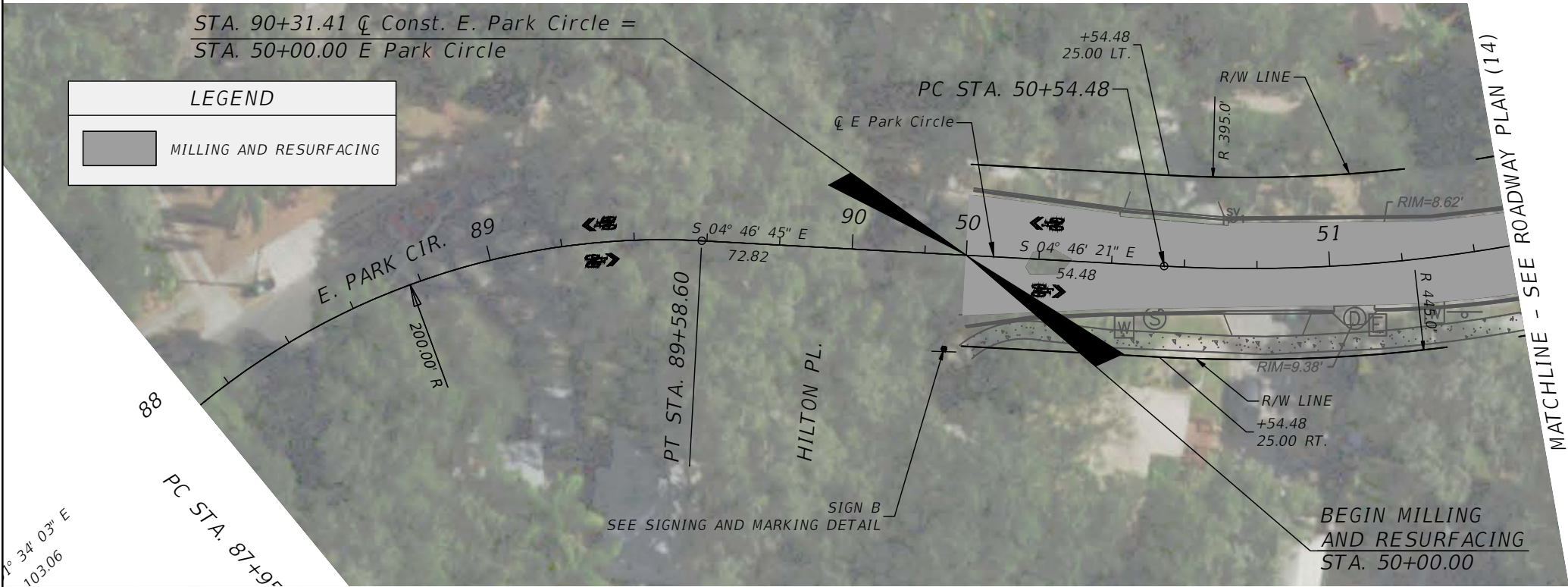
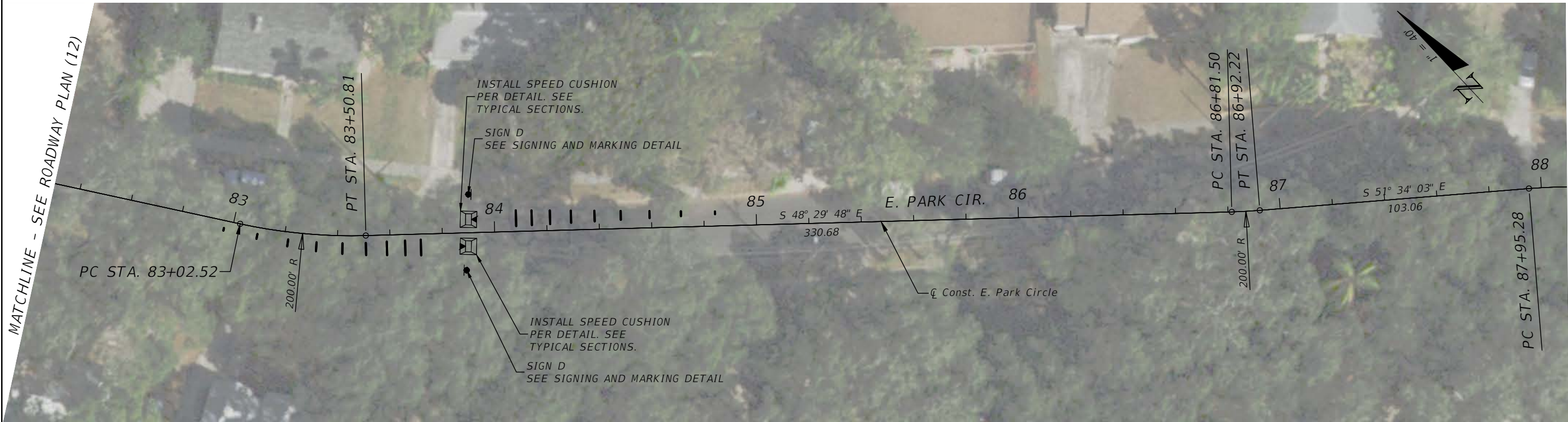
PT STA. 76+30.13



MATCHLINE - SEE ROADWAY PLAN (13)

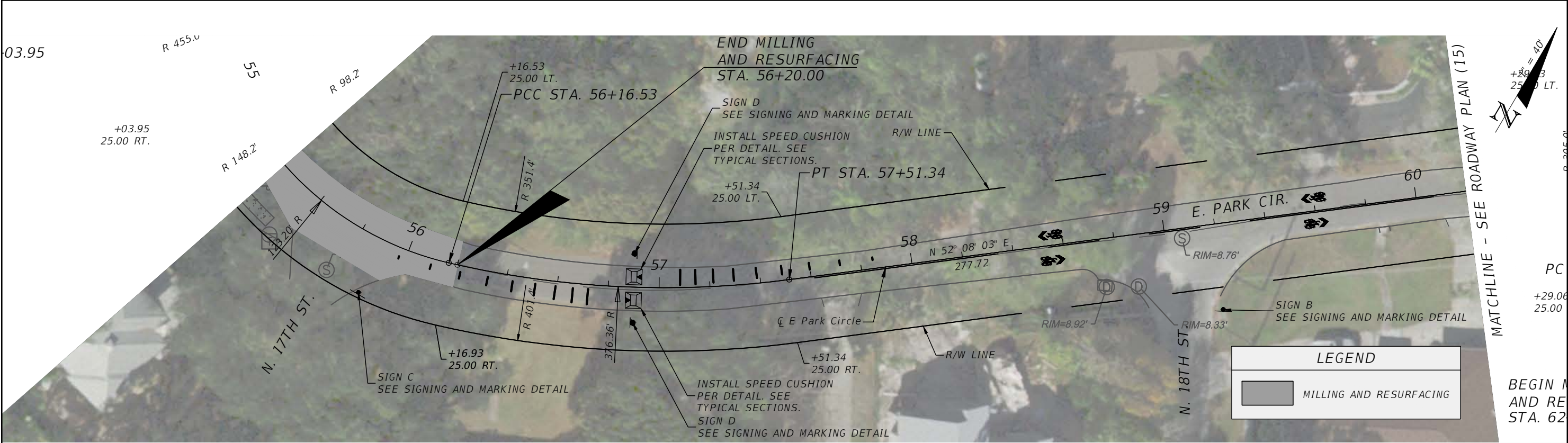
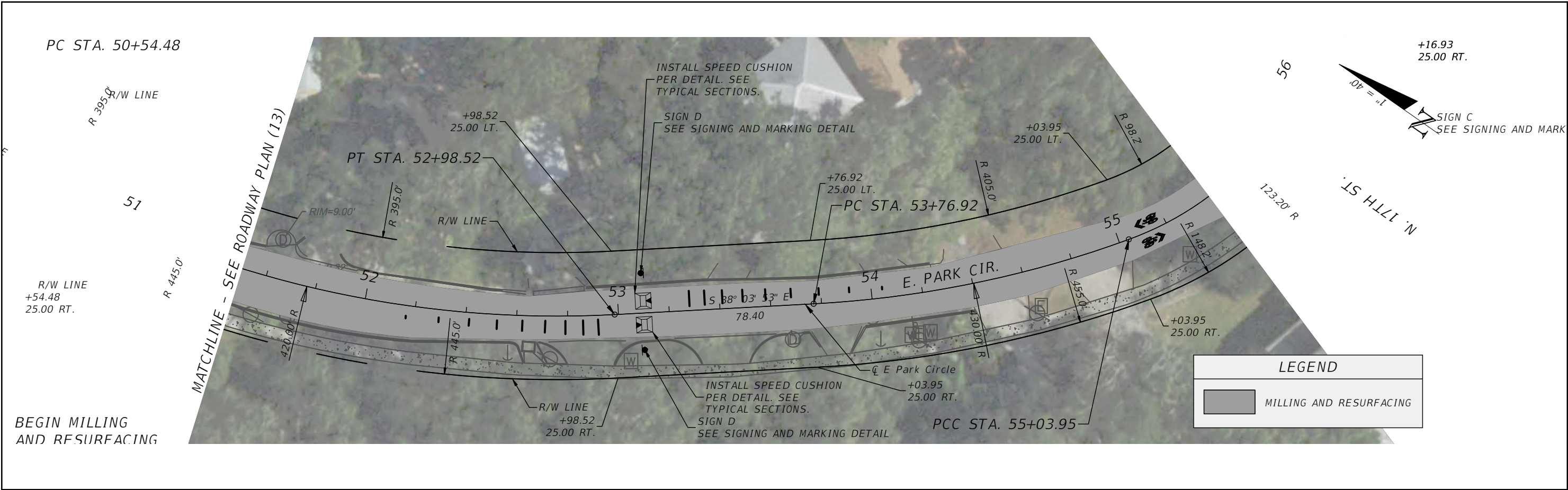
REVISIONS				MARK RONALD DUNN, JR., P.E. P.E. LICENSE NUMBER 73968 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637	CITY OF TAMPA TRANSPORTATION DEPARTMENT			ROADWAY PLAN (12)	SHEET NO.
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REVISIONS				MARK RONALD DUNN, JR., P.E. P.E. LICENSE NUMBER 73968 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637	CITY OF TAMPA TRANSPORTATION DEPARTMENT			ROADWAY PLAN (13)	SHEET NO.  24
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REVISIONS				MARK RONALD DUNN, JR., P.E. P.E. LICENSE NUMBER 73968 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637	CITY OF TAMPA TRANSPORTATION DEPARTMENT			ROADWAY PLAN (14)	SHEET NO.
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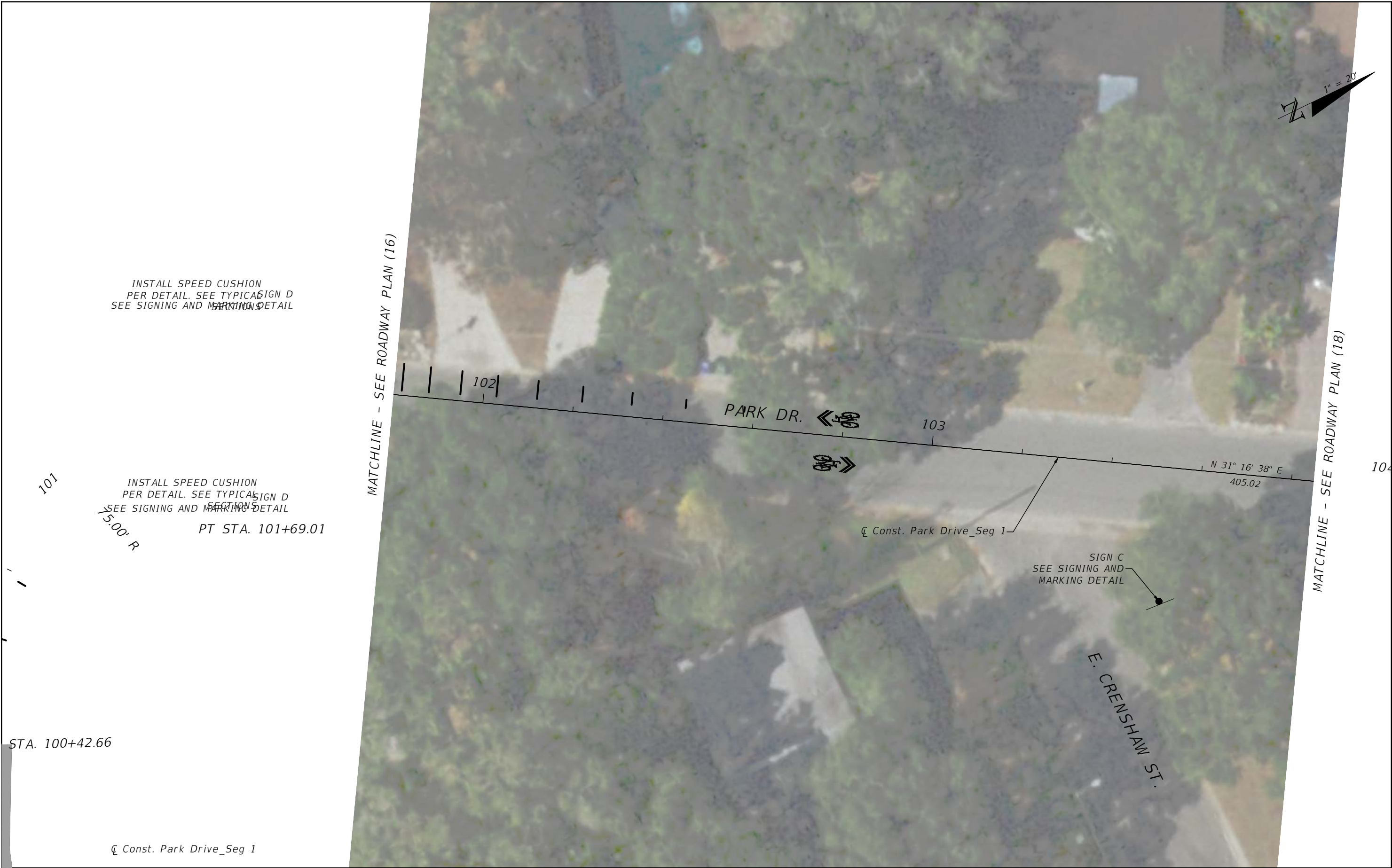






R E V I S I O N S				MARK RONALD DUNN, JR., P.E. P.E. LICENSE NUMBER 73968 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637	CITY OF TAMPA TRANSPORTATION DEPARTMENT			ROADWAY PLAN (16)	SHEET NO.
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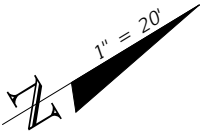




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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	CITY CONTRACT NO.		
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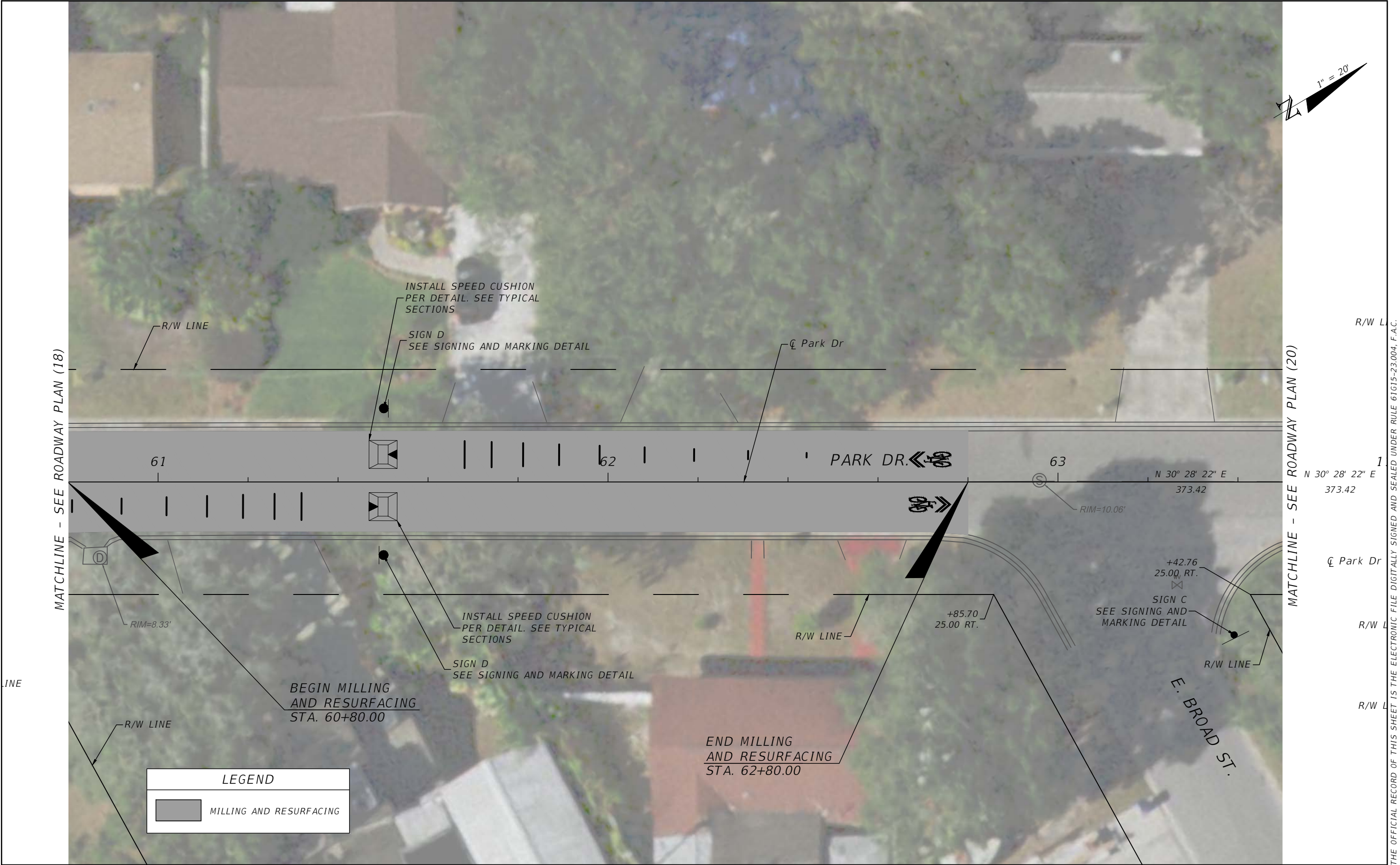


MATCHLINE - SEE ROADWAY PLAN (17)



MATCHLINE - SEE ROADWAY PLAN (19)

R E V I S I O N S				MARK RONALD DUNN, JR., P.E. P.E. LICENSE NUMBER 73968 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637	CITY OF TAMPA TRANSPORTATION DEPARTMENT			ROADWAY PLAN (18)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	CITY CONTRACT NO.		29
					N/A	HILLSBOROUGH	20-D-56202		



R E V I S I O N S				MARK RONALD DUNN, JR., P.E. P.E. LICENSE NUMBER 73968 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637	CITY OF TAMPA TRANSPORTATION DEPARTMENT			ROADWAY PLAN (19)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	CITY CONTRACT NO.		
					N/A	HILLSBOROUGH	20-D-56202		





REVISIONS				MARK RONALD DUNN, JR., P.E. P.E. LICENSE NUMBER 73968 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637	CITY OF TAMPA TRANSPORTATION DEPARTMENT			ROADWAY PLAN (20)	SHEET NO.
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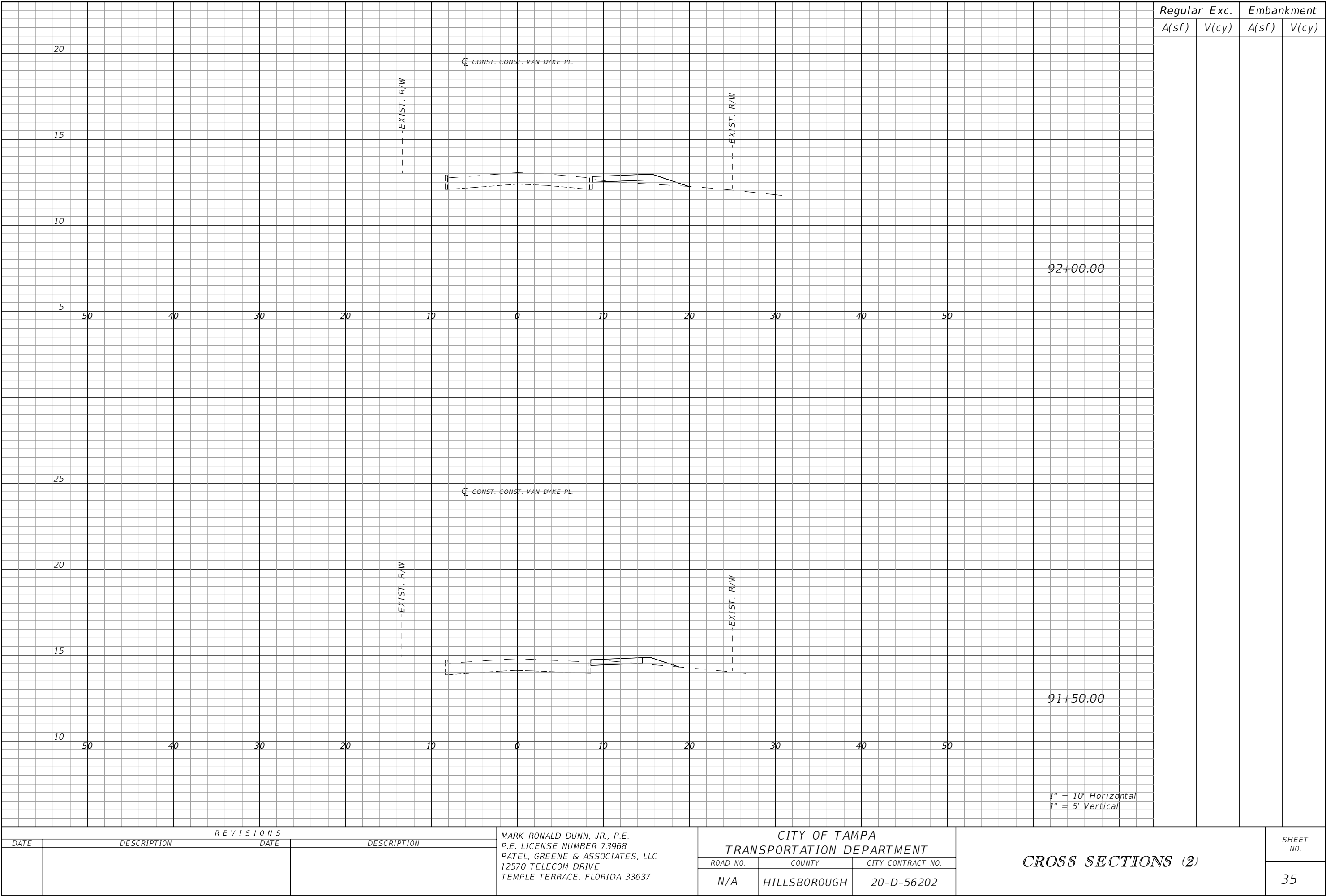
R E V I S I O N S				MARK RONALD DUNN, JR., P.E. P.E. LICENSE NUMBER 73968 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637	CITY OF TAMPA			ROADWAY PLAN (21)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		TRANSPORTATION DEPARTMENT				32
					ROAD NO.	COUNTY	CITY CONTRACT NO.		
					N/A	HILLSBOROUGH	20-D-56202		



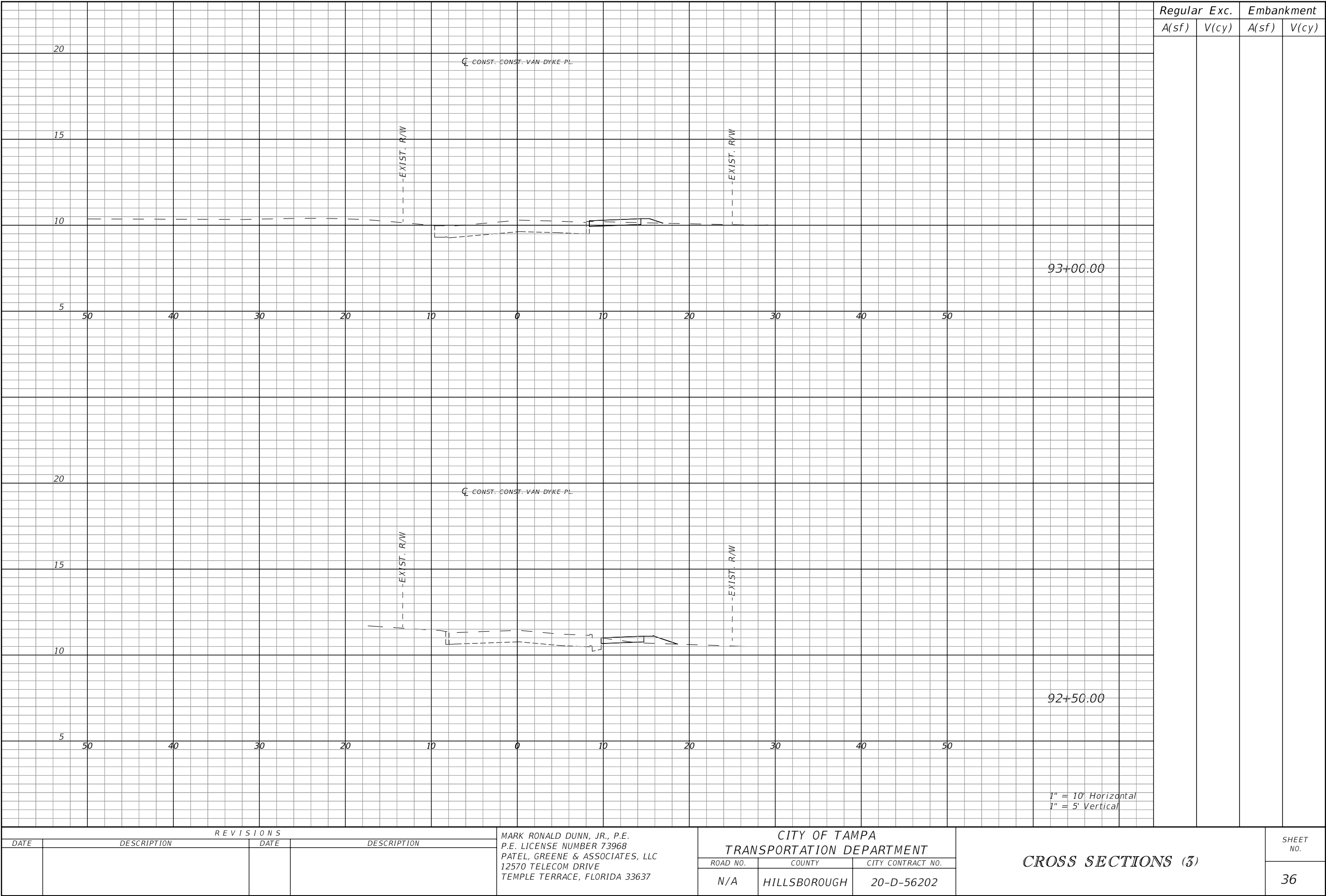


REVISIONS				MARK RONALD DUNN, JR., P.E. P.E. LICENSE NUMBER 73968 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FLORIDA 33637	CITY OF TAMPA TRANSPORTATION DEPARTMENT			ROADWAY PLAN (22)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	CITY CONTRACT NO.		
					N/A	HILLSBOROUGH	20-D-56202		33





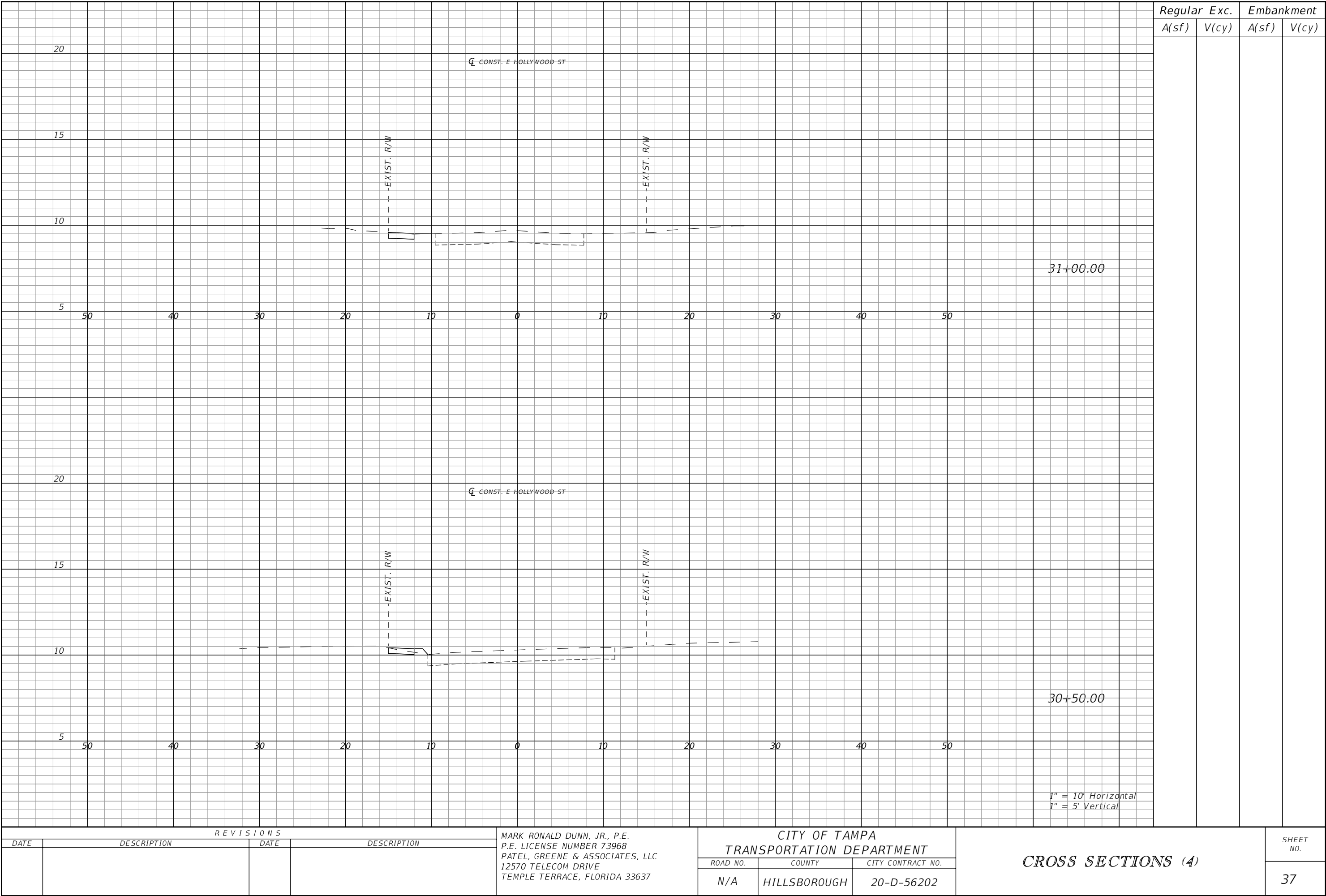
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	CITY CONTRACT NO.		36	
					N/A	HILLSBOROUGH	20-D-56202			





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MARK RONALD DUNN, JR., P.E.  
P.E. LICENSE NUMBER 73968  
PATEL, GREENE & ASSOCIATES, LLC  
12570 TELECOM DRIVE  
TEMPLE TERRACE, FLORIDA 33637

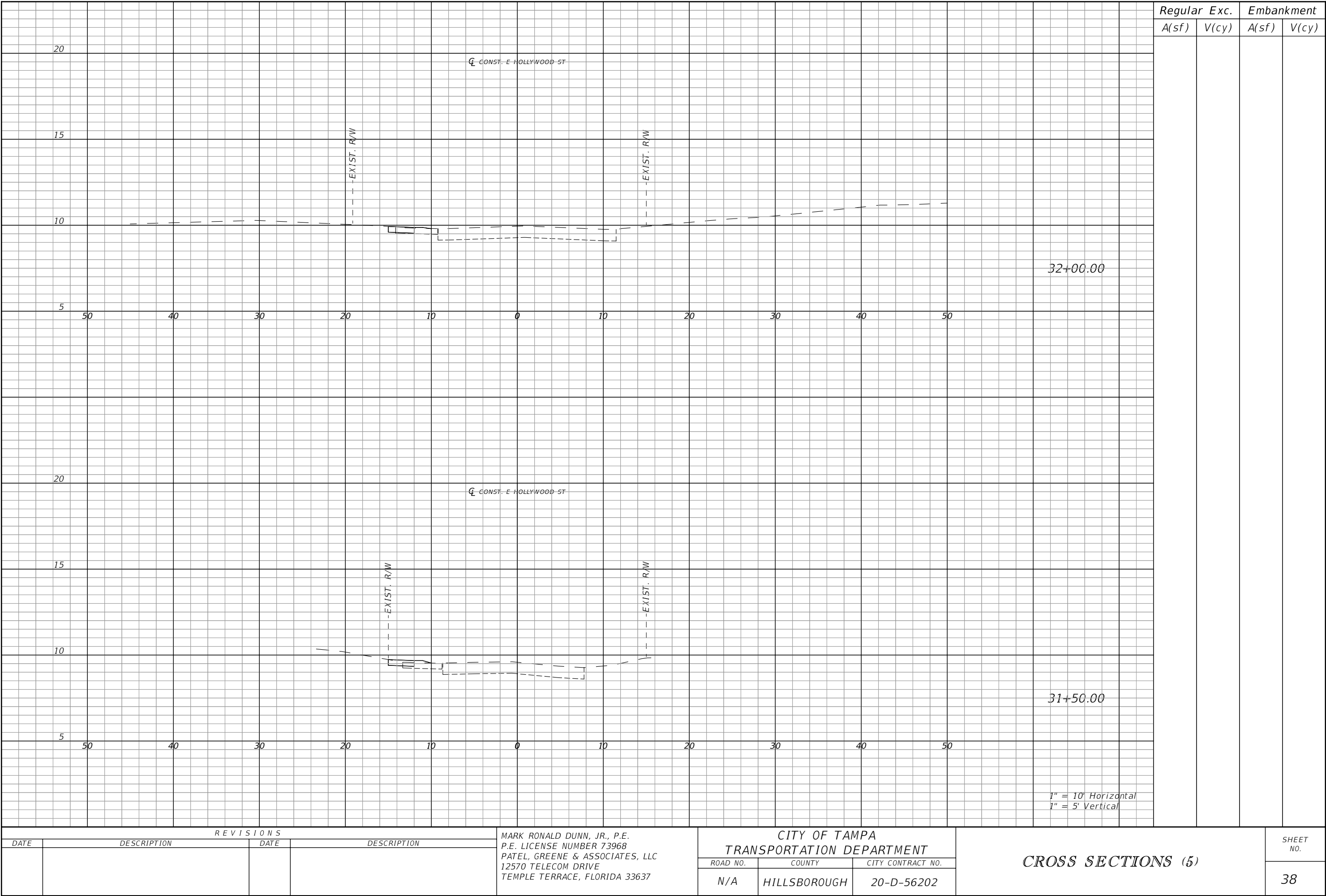
CITY OF TAMPA TRANSPORTATION DEPARTMENT		
ROAD NO.	COUNTY	CITY CONTRACT NO.
N/A	HILLSBOROUGH	20-D-56202

CROSS SECTIONS (4)	

SHEET NO.
37

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MARK RONALD DUNN, JR., P.E.  
P.E. LICENSE NUMBER 73968  
PATEL, GREENE & ASSOCIATES, LLC  
12570 TELECOM DRIVE  
TEMPLE TERRACE, FLORIDA 33637

CITY OF TAMPA TRANSPORTATION DEPARTMENT		
ROAD NO.	COUNTY	CITY CONTRACT NO.
N/A	HILLSBOROUGH	20-D-56202

CROSS SECTIONS (5)	SHEET NO.
	38

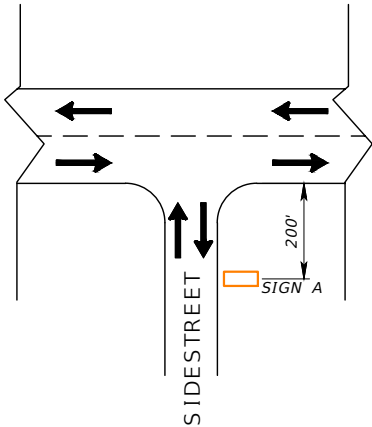
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

TEMPORARY TRAFFIC CONTROL PLAN GENERAL NOTES

- 1. THE POSTED SPEED LIMIT FOR EAST PARK CIRCLE IS 20 MPH. ALL EXISTING POSTED SPEEDS SHALL REMAIN UNLESS OTHERWISE INDICATED IN THE PLANS
- 2. ARROWS ON THE TEMPORARY TCP DENOTE THE DIRECTION OF TRAFFIC ONLY AND DO NOT REFLECT PAVEMENT MARKINGS UNLESS SPECIFICALLY NOTED.
- 3. LANE CLOSURES IN BOTH TRAVEL DIRECTIONS AT ONCE ARE NOT PERMITTED.

PHASING NOTES

- 1. INSTALL TRAFFIC INFORMATION SIGNS, ADVANCED WARNING SIGNS AND WORK ZONE TRAFFIC CONTROL SIGNS AND DEVICES.
- 2. PERFORM CLEARING AND GRUBBING, AND CONSTRUCT PROPOSED SIDEWALK, MILL AND RESURFACE, AND PLACE SPEED CUSHIONS PER THE ROADWAY PLANS UTILIZING FDOT STANDARD PLANS INDEX 102-600, 102-601, 102-602, 102-603, 102-604, AND 102-660.
- 3. PLACE FINAL MARKINGS AND SIGNS AS SHOWN ON THE SIGNING AND PAVEMENT MARKING PLANS USING STANDARD PLANS INDEX 102-603.



SIDESTREETS (NTS)

- E. CRENSHAW ST.
- HILTON PL.
- N. 17TH ST.
- N. 18TH ST.
- E. HAMILTON AVE.
- E. CLINTON ST.
- E. BROAD ST.
- E. ROBSON ST.
- E. PATERSON ST.



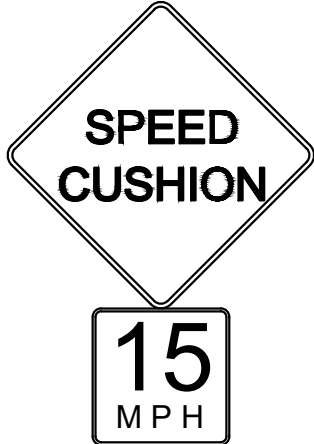
LEGEND			
	WORK ZONE SIGN		LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
	SIGN A		SIGN B
	SIGN C		SIGN D

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	CITY CONTRACT NO.		39
					N/A	HILLSBOROUGH	20-D-56202		



TYPICAL SIGN ASSEMBLIES

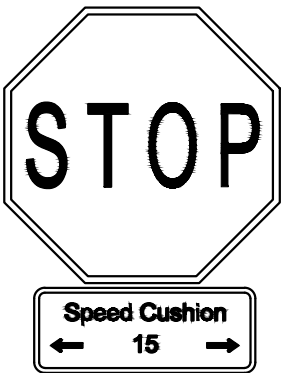
A



W17-1 (MOD)  
30" X30"  
W13-1  
18" X18"

700-1-11

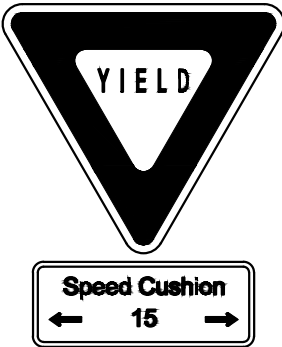
B



EXISTING  
STOP SIGN  
W16-8aP  
24" X18"

700-3-101


C



EXISTING  
YIELD SIGN  
W16-8aP  
24" X18"

700-3-101

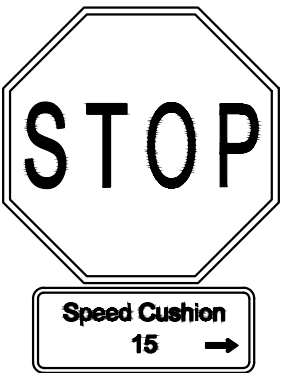
D



OM-3R  
12" X36"

705-10-3

E

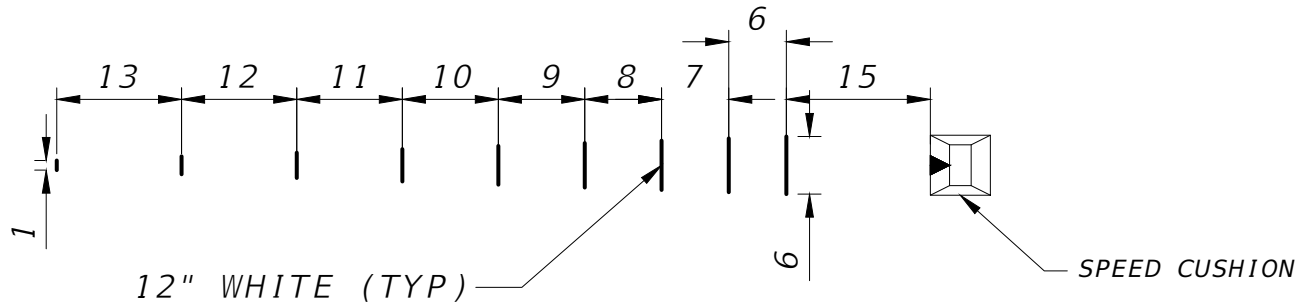


EXISTING  
STOP SIGN  
W16-8aP  
24" X18"

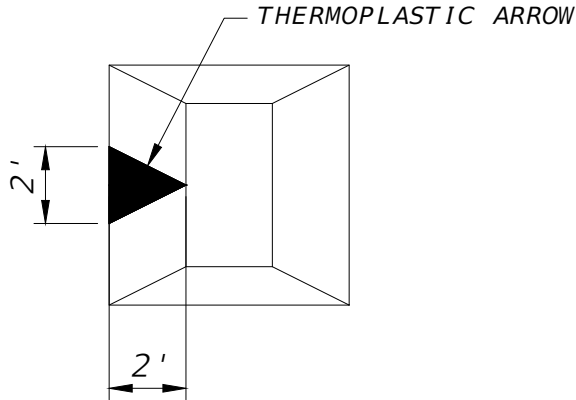
700-3-101

TYPICAL PAVEMENT MARKING DETAILS

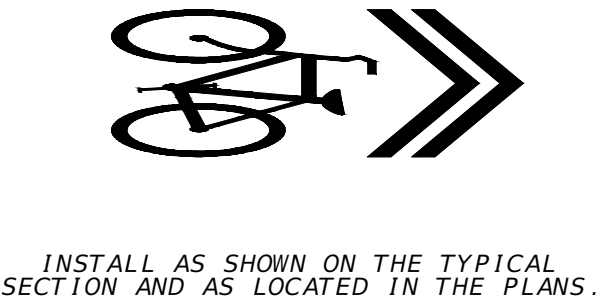
SPEED CUSHION APPROACH PAVEMENT MARKINGS (TYP)



SPEED CUSHION ARROW DETAIL



"SHARROW" PAVEMENT MESSAGE (TYP)  
THERMOPLASTIC, PREFORMED, WHITE, MESSAGE



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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	CITY CONTRACT NO.		40
					N/A	HILLSBOROUGH	20-D-56202		

PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY	UNIT
0101 1	MOBILIZATION	1	LS
0102 1	MAINTENANCE OF TRAFFIC	1	LS
0104 10 3	SEDIMENT BARRIER	1	LF
0104 11	INLET PROTECTION SYSTEM	1	EA
0107 1	LITTER REMOVAL	1	AC
0107 2	MOWING	1	AC
0110 1 1	CLEARING & GRUBBING	1	AC
0110 4 10	REMOVAL OF EXISTING CONCRETE	1	SY
0120 1	REGULAR EXCAVATION	1	CY
0120 6	EMBANKMENT	1	CY
0327 70 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	1	SY
0337 7 81	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC B, FC-12.5, PG 76-22	1	TN
522 2	CONCRETE SIDEWALK, 4"	1	SY
0527 2	DETECTABLE WARNINGS	1	SF
0570 1 2	PERFORMANCE TURF (SOD)	1	SY
700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	1	AS
700 3 101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	1	EA
711 11 123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	1	LF
711 11 170	THERMOPLASTIC, STANDARD, WHITE, ARROW	1	EA
711 14 160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	1	EA

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	CITY CONTRACT NO.		
					N/A	HILLSBOROUGH	20-D-56202		41