

CITY OF TAMPA MOBILITY DEPARTMENT

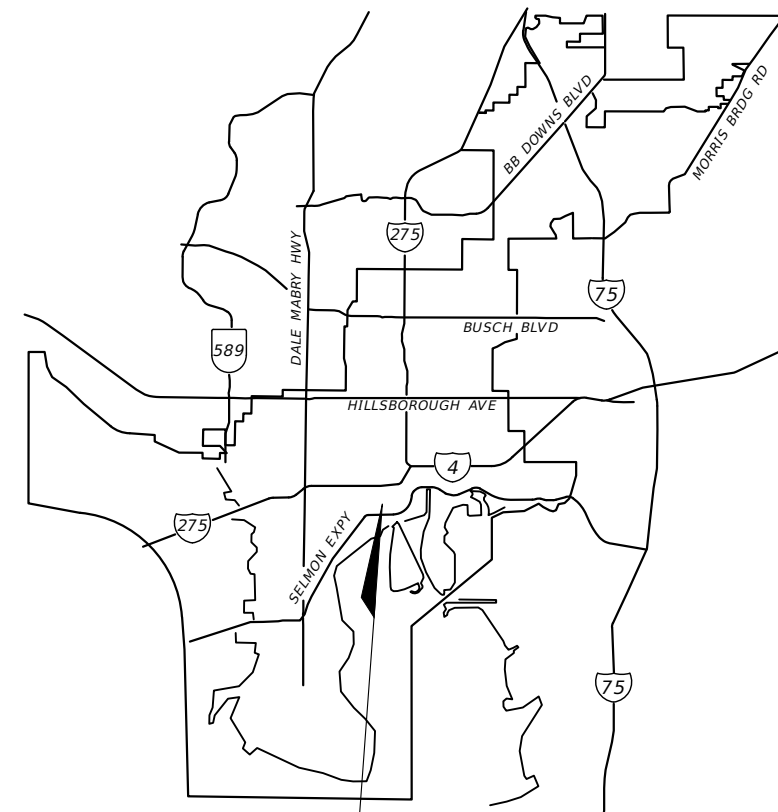
CONTRACT PLANS

HILLSBOROUGH COUNTY
CLEVELAND STREET
FROM RR CROSSING WEST OF N. WILLOW AVE TO S. PARKER ST
0.8 MILES

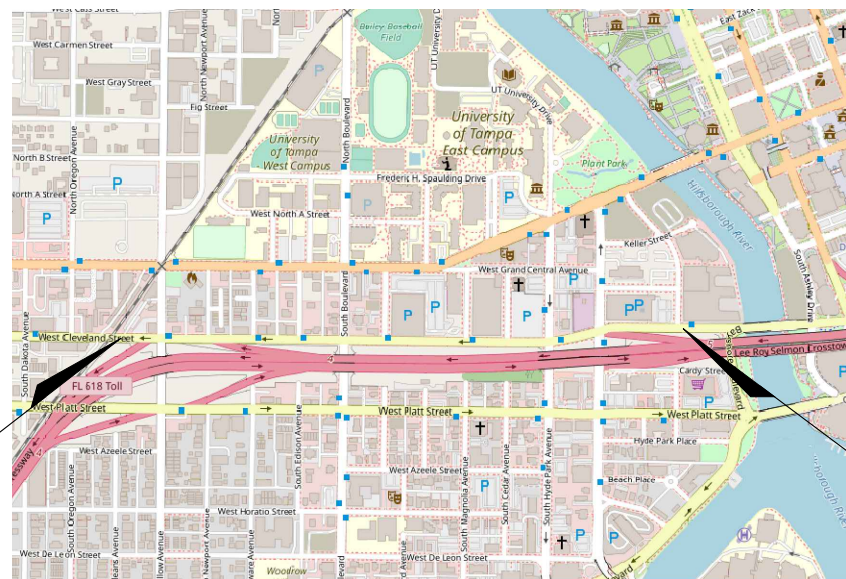
SIGNING AND PAVEMENT MARKING PLANS

INDEX OF SIGNING AND PAVEMENT MARKINGS PLANS

SHEET NO.	SHEET DESCRIPTION
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2	NOTES
3	TABULATION OF QUANTITIES
4	DETAILS
5-14	PAVEMENT MARKING REMOVAL PLANS
15-24	SIGNING AND PAVEMENT MARKING PLANS



Project Location



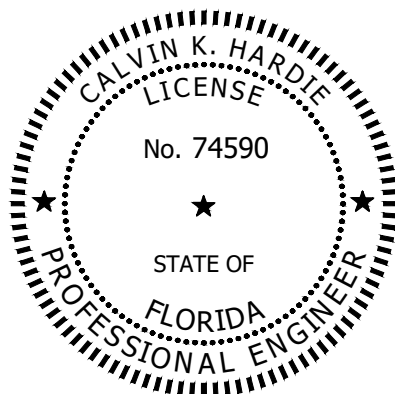
Beginning of Project
STA. 47+63.86

Ending of Project
STA. 88+19.63

FINAL PLANS
10/02/2023

ENGINEER OF RECORD:

CALVIN K. HARDIE, P.E.
P.E. LICENSE NUMBER 74590
CITY OF TAMPA PROFESSIONAL ENGINEER
TRANSPORTATION AND STORMWATER SERVICES
DEPARTMENT
306 E JACKSON ST
TAMPA, FLORIDA 33602
CONTRACT NO.:
VENDOR NO.:
CERTIFICATE OF AUTHORIZATION NO.:



This item has been electronically signed and sealed by Calvin K. Hardie, P.E. using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

GOVERNING STANDARDS AND SPECIFICATIONS
FLORIDA DEPARTMENT OF TRANSPORTATION FY
2022-23 DESIGN STANDARDS AND REVISED
INDEX DRAWING AS APPENDED HEREIN, AND
FY 2022-23 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	2023	01

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

GENERAL NOTES:

1. CITY OF TAMPA STANDARD DRAWINGS ARE AVAILABLE AT THE CITY HALL ANNEX, 306 E. JACKSON STREET, 6TH FLOOR, EAST WING.
2. CALL SUNSHINE (1-800-432-4770) AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY.
3. WHEN IN CONFLICT, UTILITY POLES, GAS LINES, UNDERGROUND ELECTRIC AND TELEPHONE CABLES WILL BE RELOCATED BY THE RESPECTIVE UTILITY OWNERS AT THEIR OWN EXPENSE AS DIRECTED BY THE ENGINEER.
4. SPECIAL CARE MUST BE TAKEN TO PROTECT WATER LINES DURING CONSTRUCTION. PROVIDE SUPPORTS AS NECESSARY.
5. STREET SIGNS AND STREET MARKERS SHALL BE REMOVED AND RELOCATED AS DIRECTED BY THE ENGINEER. ANY LOST OR DAMAGED SIGNS OR MARKERS SHALL BE REPLACED.
6. RESURFACING PROJECT WAS NOT SURVEYED. ALL STATIONS WERE GENERATED THROUGH MAP INFORMATION. SIGN LOCATIONS WITH OFFSETS WERE DEVELOPED BY FIELD MEASUREMENTS. FIELD ADJUSTMENTS MAY BE REQUIRED BY THE ENGINEER FOR SIGNING AND PAVEMENT MARKING INSTALLATIONS.

TRAFFIC CONTROL NOTES:

1. MILLING AND RESURFACING ACTIVITY SHALL BE IN COMPLIANCE WITH FDOT STANDARD INDEX 102 SERIES.
2. SET UP WORK ZONE SIGNS IN ACCORDANCE WITH THE APPROPRIATE FDOT STANDARD INDEX 102 SERIES.
3. TRAFFIC FLOW SHALL BE MAINTAINED ALONG AFFECTED ROADWAYS AT ALL TIMES.
4. POSTED SPEED LIMITS SHALL BE MAINTAINED AT ALL TIMES.
5. ACCESS TO BUSINESSES AND/OR RESIDENTIAL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.
6. EXISTING DRAINAGE PATTERNS SHALL BE MAINTAINED AT ALL TIMES.
7. THE CONTRACTOR SHALL ADHERE TO FDOT STANDARD INDEX 102 WITH REGARDS TO DROP OFFS IN WORK ZONES.

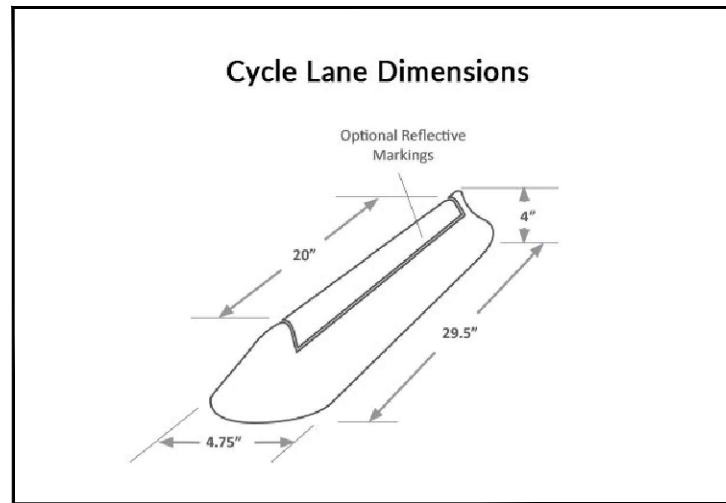
SIGNING AND PAVEMENT MARKING GENERAL NOTES:

1. PAVEMENT MARKINGS SHALL BE PLACED AS SHOWN IN THE PLANS WITH THE APPROPRIATE FDOT DESIGN STANDARD INDEX AND MUTCD ADHERENCE. ALL PAVEMENT MARKINGS SHALL BE REINSTALLED ACCORDING TO EXISTING MARKINGS UNLESS OTHERWISE NOTED.
2. CAUTION SHOULD BE EXERCISED WHILE RELOCATING EXISTING SIGNS SO AS TO PREVENT DAMAGE TO THE SIGNS. IF THE SIGNS ARE DAMAGED BEYOND USE, AS DETERMINED BY THE ENGINEER, THEY SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
3. THE SIGN AND PAVEMENT MARKING LOCATIONS ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT AS DIRECTED BY THE ENGINEER.
4. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET AND METHOD OF INSTALLATION. ALL EXISTING SIGNS SHALL REMAIN UNLESS OTHERWISE NOTED.
5. SPECIAL PAVEMENT MARKINGS ARE REQUIRED AROUND CURB INLETS OR AROUND DRAIN GRATES. SEE SIGNING AND PAVEMENT MARKING SPECIAL DETAIL SHEET, IF APPLICABLE. ALL EXISTING SIGNS SHALL REMAIN UNLESS OTHERWISE NOTED.
6. RECOMMENDED SPACING FOR SHARED LANE MARKING: IMMEDIATELY AFTER INTERSECTIONS AND AT A MAXIMUM SPACING OF 250 FEET.
7. IF REMOVAL OF EXISTING MARKINGS IS REQUIRED, IT SHALL BE DONE BY HYDRO-BLASTING OR MICRO-GRINDING IF APPROVED BY THE ENGINEER.
8. REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH CURRENT FDOT STANDARD INDEX 706-001.
9. APPLY BICYCLE MARKINGS 5' (MINIMUM) FROM CURB RADIUS RETURN OR AS INDICATED ON THE PLAN.
10. INSTALL PROPOSED SIGNS ACCORDING TO FDOT INDEX NO. 700-101 (TYPICAL SECTIONS FOR PLACEMENT OF SINGLE & MULTI-COLUMN SIGNS) UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE ENGINEER.
11. WHEN UPGRADING OR INSTALLING PEDESTRIAN CROSSWALKS, PED RAMPS SHALL BE MADE ADA COMPLIANT IF NEEDED.
12. ANY VEGETATION INTERFERING WITH THE VISIBILITY OF THE EXISTING AND/OR PROPOSED SIGNS SHALL BE TRIMMED OR REMOVED UNTIL FULL VISIBILITY IS RESTORED.
13. RIGHT TURN CALMING WEDGE KIT FROM TREETOP PRODUCTS:
<https://www.speedbumpsandhumps.com/safe-right-turn-wedge-kit>

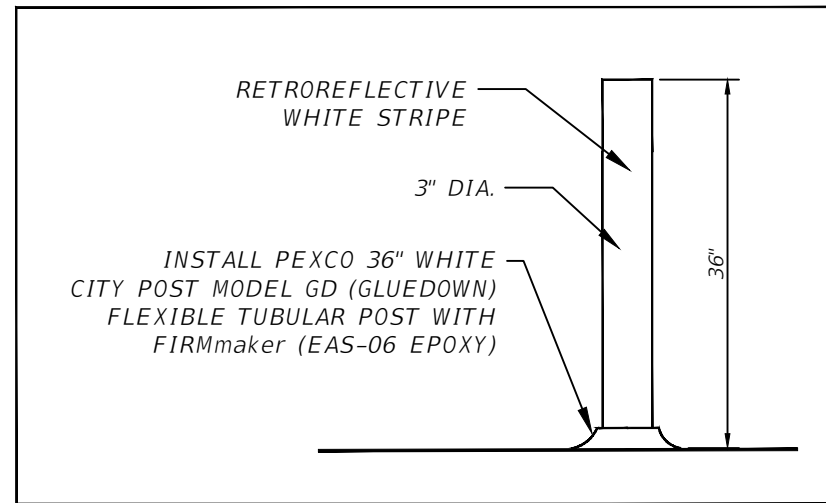
R E V I S I O N S				CALVIN K. HARDIE, P.E. P.E. LICENSE NUMBER 74590 CITY OF TAMPA 306 E. JACKSON STREET TAMPA, FL 33602 CERTIFICATE OF AUTHORIZATION 00000000	CITY OF TAMPA MOBILITY DEPARTMENT			<i>NOTES</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		02
----					CLEVELAND ST	HILLSBOROUGH	0000		

TABULATION OF QUANTITIES			
Pay Item Number	Pay Item Description	Unit of Measure	Total Quantities
0710 11101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	LF	8493
0710-11201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	LF	988
0710 11124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	1116
0710 11224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	670
0710 11125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24" FOR STOP LINE	LF	46
0710 11131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP DOTTED 10-30, 6"	LF	561
0710 11141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	LF	1356
0710 11160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE (BIKE, BUS, ONLY)	EA	5
0710 11170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROW (THRU, THRU RIGHT ARROWS, THRU LEFT ARROW)	EA	4
0710 11160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE (BIKE SYMBOL)	EA	8
0710 11170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROW (BIKE LANE ARROW)	EA	8
0711 16101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	LF	8493
0711 16201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	LF	988
0711 11124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS OR CHEVRONS, 18"	LF	1116
0711 11224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRONS, 18"	LF	670
0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE	LF	46
0711 11131	THERMOPLASTIC, STANDARD, WHITE, SKIP DOTTED 10-30, 6"	LF	561
0711 11141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	LF	1356
0711 14160	THERMOPLASTIC, PERFORMED, WHITE, MESSAGE (BIKE, BUS, ONLY)	EA	5
0711 14170	THERMOPLASTIC, PERFORMED, WHITE, ARROW (THRU, THRU RIGHT ARROWS, THRU LEFT ARROW)	EA	4
0711 14160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE (BIKE SYMBOL)	EA	8
0711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROW (BIKE LANE ARROW)	EA	8
0705 11 1	DELINEATORS FLEXIBLE TUBLAR, INSTALL, WHITE 36"	EA	168
0523 1 3	PATTERNED PAVEMENT, VEHICULAR AREAS, GREEN BIKE LANE	SY	332
0706 1 1	RETRO-REFLECTIVE PAVEMENT MARKERS, YELLOW/RED	EA	58
0706 1 1	RETRO-REFLECTIVE PAVEMENT MARKERS, WHITE/RED	EA	100
921 703	LOW MODULAR RUBBER BARRIERS (FOR BIKE LANES)	EA	151
711-17	REMOVE, PAVEMENT MARKINGS	SF	1141
327-70-1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVERAGE DEPTH	SY	2630
334-1-13	SUPERPAVE ASPHALT CONCRETE TRAFFIC C	TN	138
SKU 3ZB3026	TREETOP RIGHT TURN CALMING WEDGE KIT	EA	3
0700 1 50	SINGLE POST SIGN, RELOCATE	AS	1
0700 1 60	SINGLE POST SIGN, REMOVE	AS	1

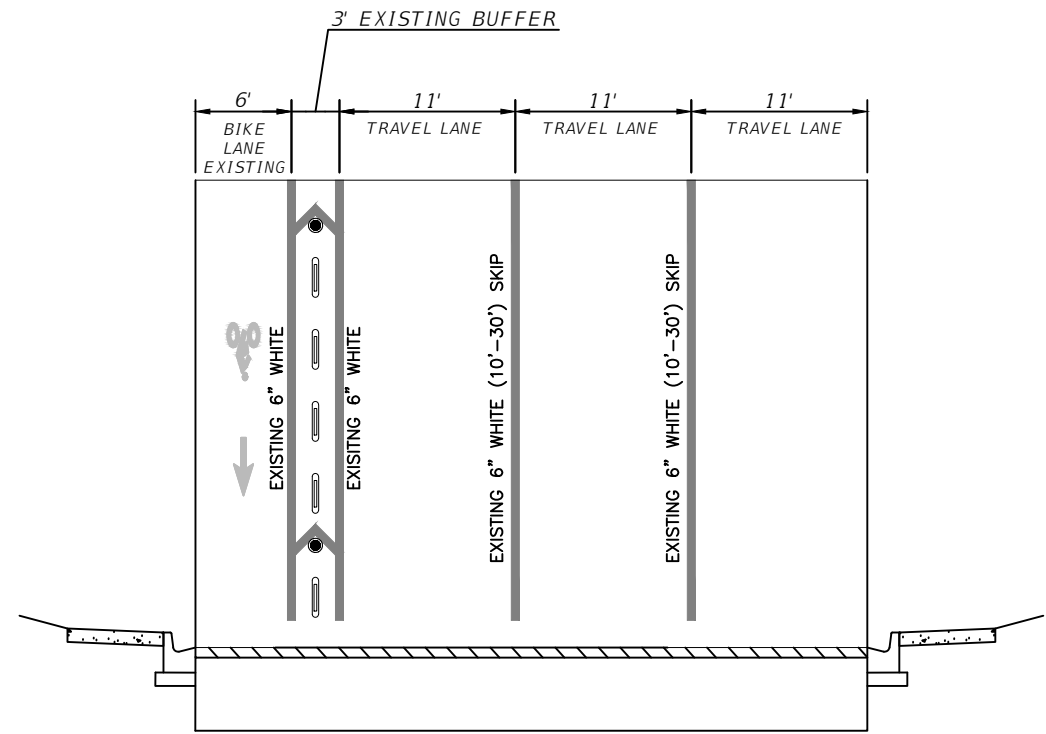
REVISIONS				CALVIN K. HARDIE, P.E. P.E. LICENSE NUMBER 74590 CITY OF TAMPA 306 E. JACKSON STREET TAMPA, FL 33602 CERTIFICATE OF AUTHORIZATION 00000000	CITY OF TAMPA MOBILITY DEPARTMENT			TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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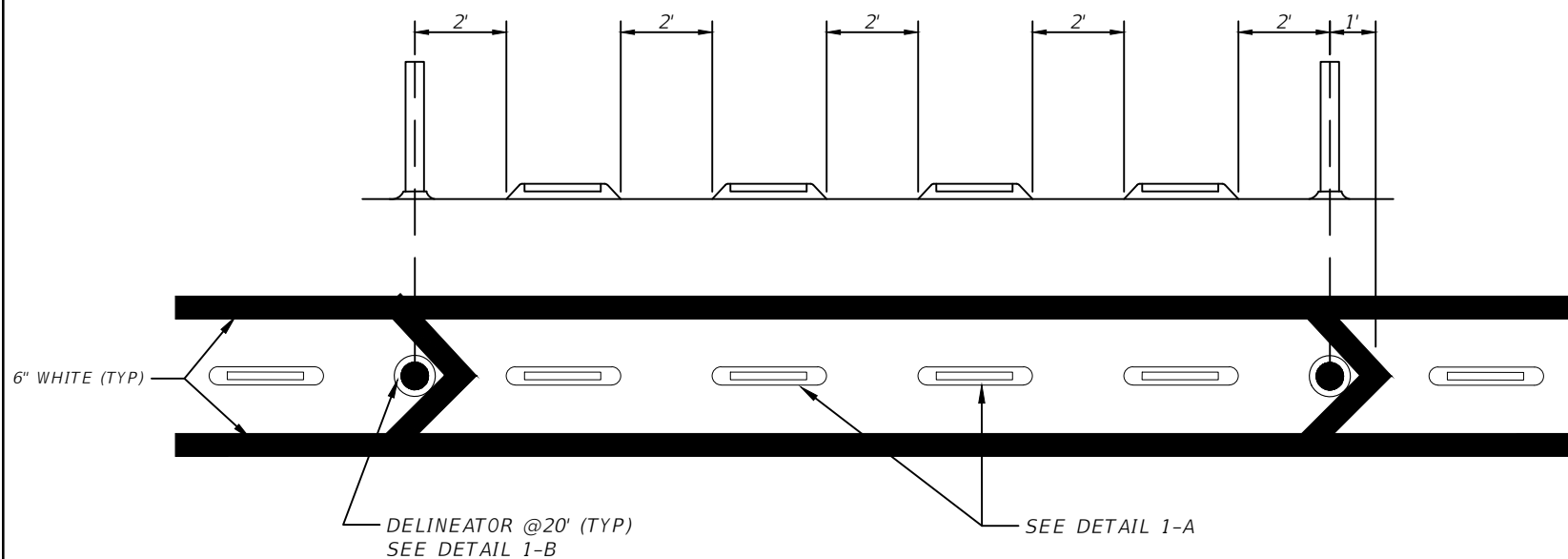
DETAIL 1-A
LOW MODULAR RUBBER BARRIER DETAIL
 N.T.S.



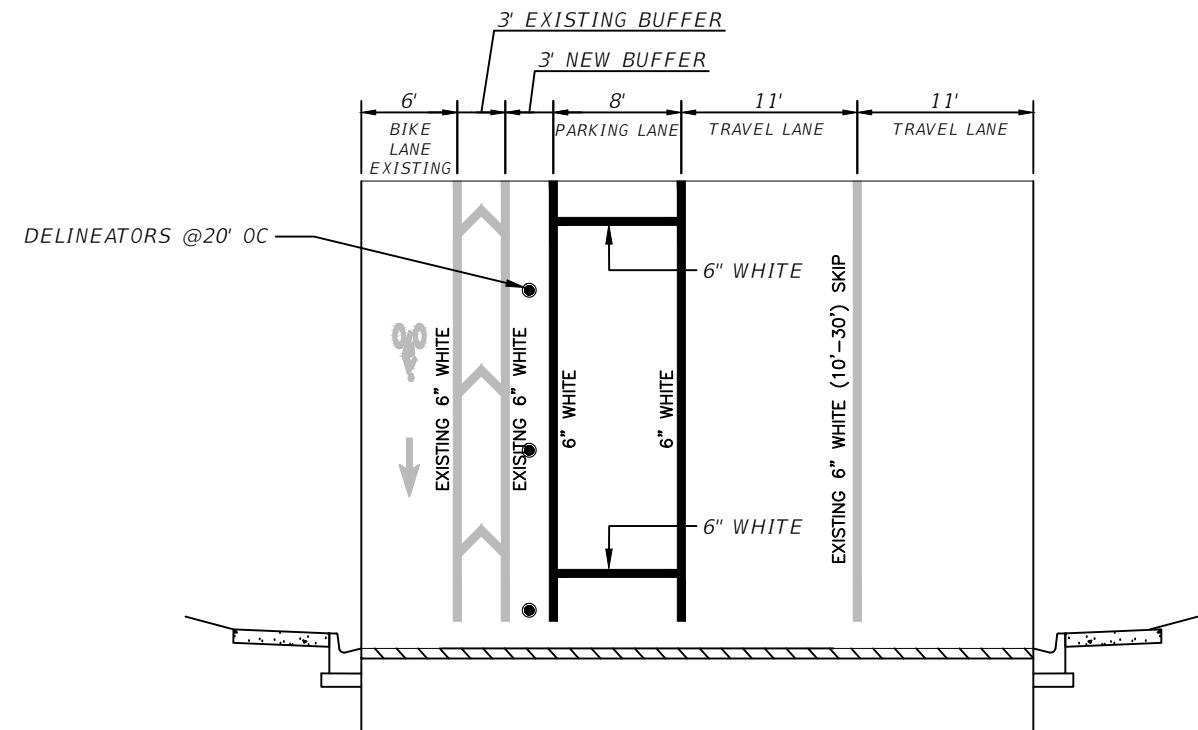
DETAIL 1-B
DELINEATOR PROFILE DETAIL
 N.T.S.



TYPICAL SECTION A
 N.T.S.



DETAIL 1-C
CYCLE LANE BUFFER DETAIL
PLAN AND PROFILE VIEW
 N.T.S.
 LOCATIONS NOTED ON PLANS



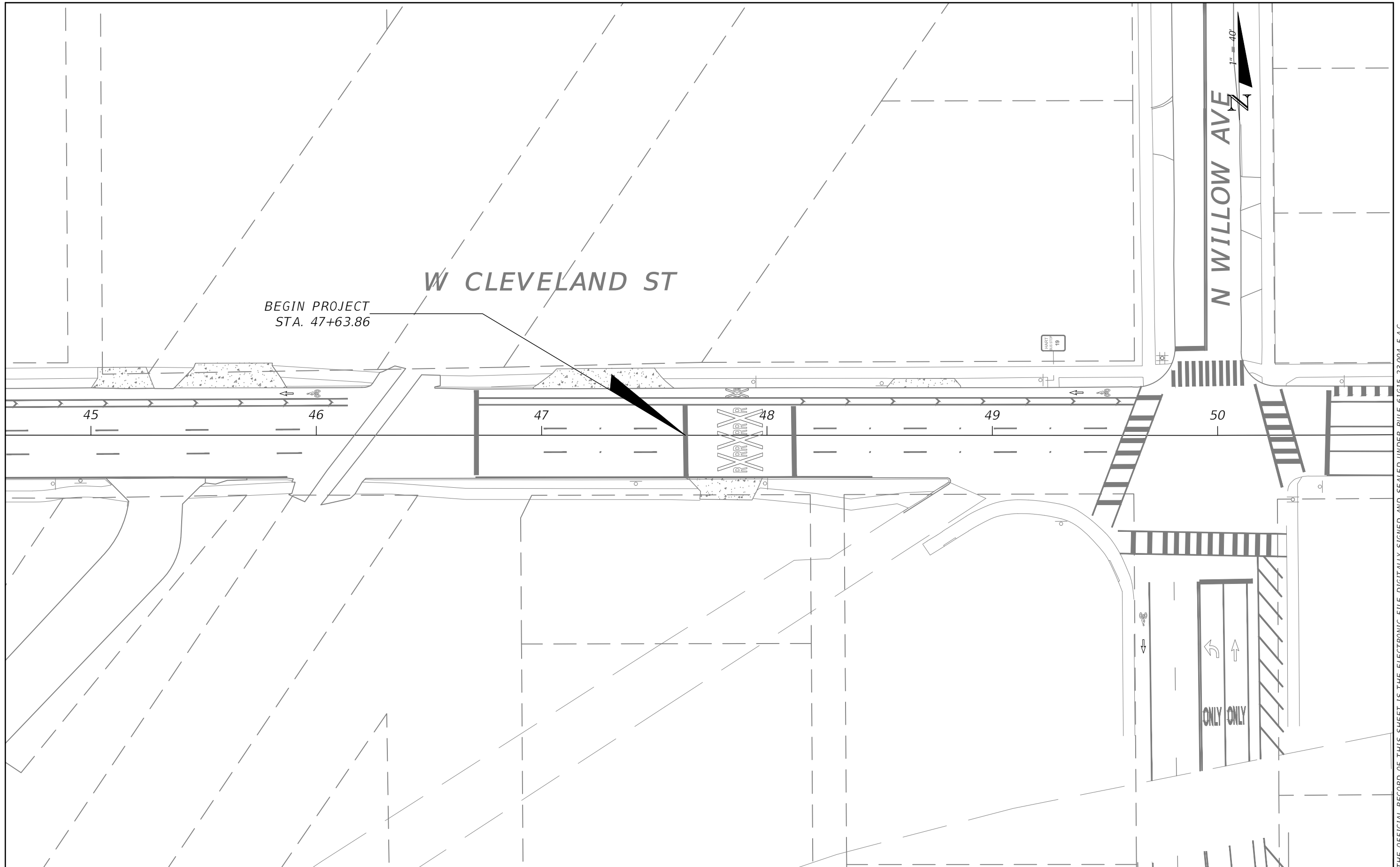
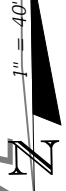
TYPICAL SECTION B
 N.T.S.

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
---	---	---	---	CLEVELAND ST	HILLSBOROUGH	0000			

W CLEVELAND ST

N WILLOW AVE

BEGIN PROJECT
STA. 47+63.86



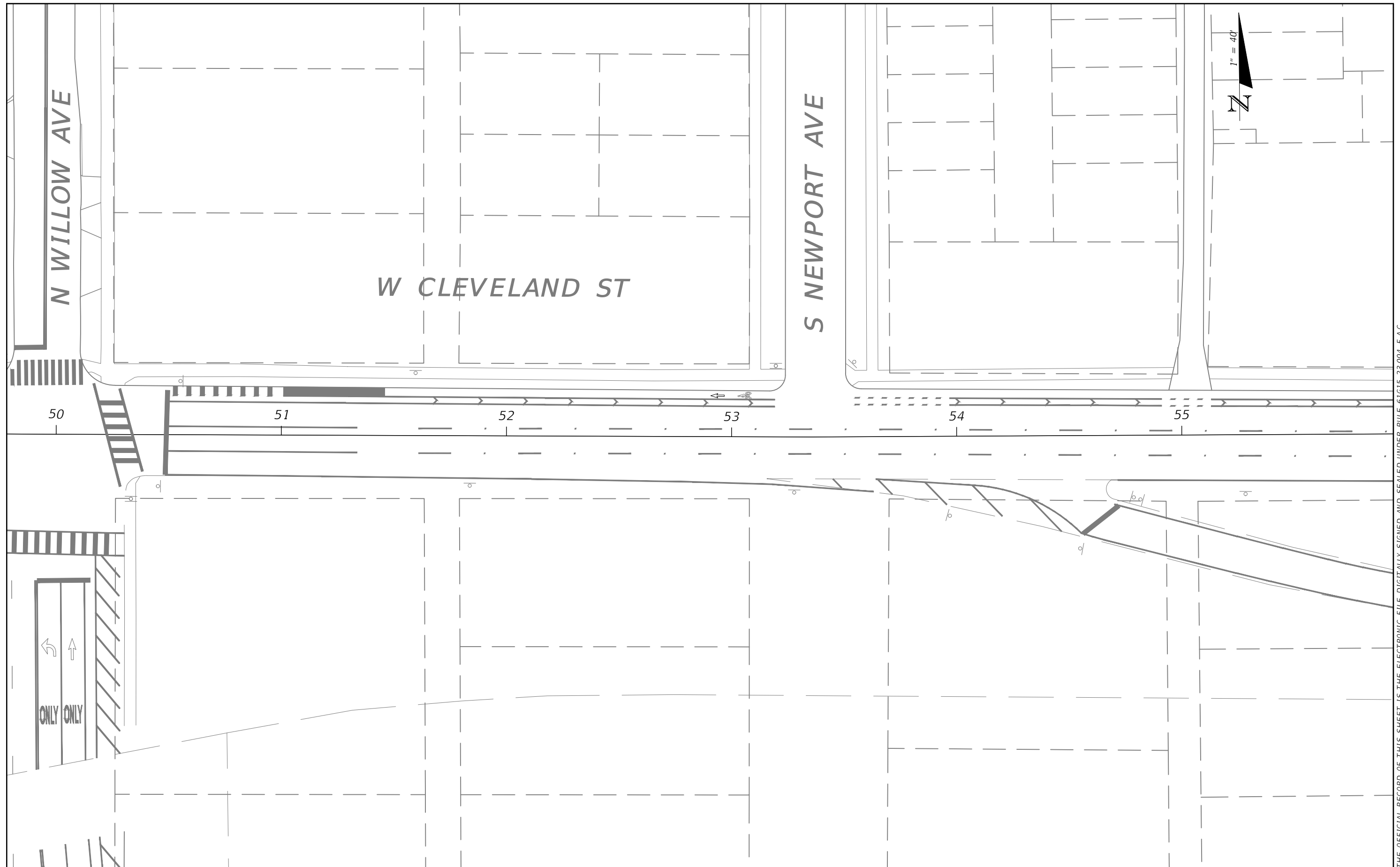
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CALVIN K. HARDIE, P.E.
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CITY OF TAMPA
306 E. JACKSON STREET
TAMPA, FL 33602
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CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CLEVELAND ST	HILLSBOROUGH	0000

**PAVEMENT MARKING
REMOVAL PLAN**

SHEET NO.
05



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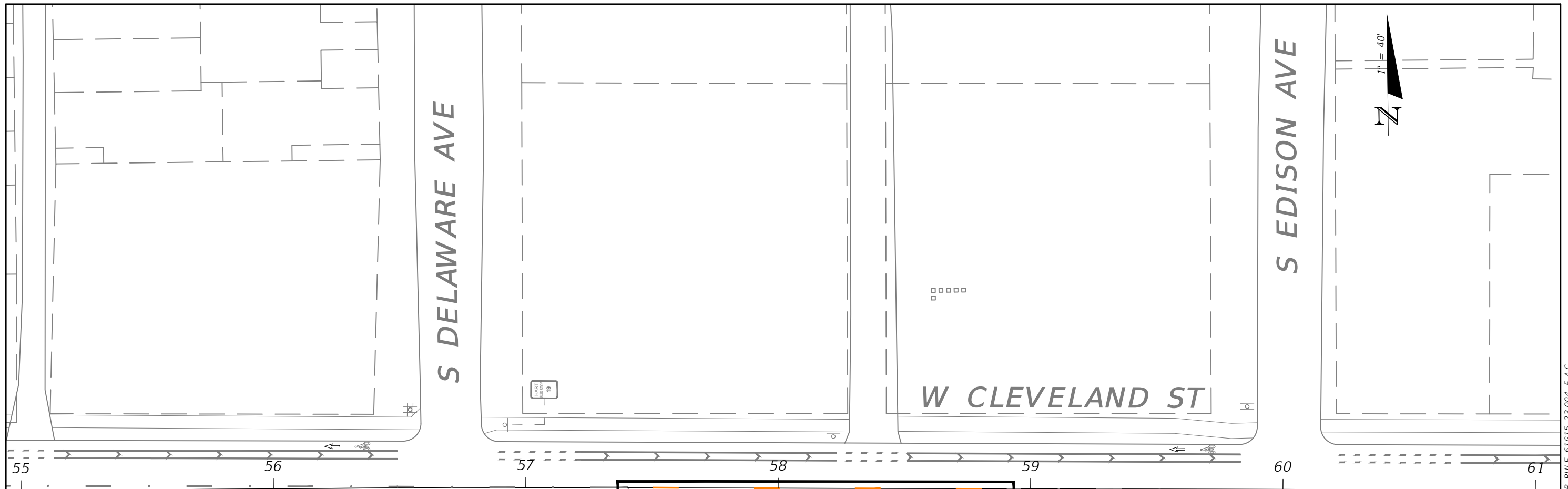
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P.E. LICENSE NUMBER 74590
CITY OF TAMPA
306 E. JACKSON STREET
TAMPA, FL 33602
CERTIFICATE OF AUTHORIZATION 00000000

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CLEVELAND ST	HILLSBOROUGH	0000

**PAVEMENT MARKING
REMOVAL PLAN**

SHEET NO.
06



REMOVE EXISTING PAVEMENT MARKINGS FROM STA 57+40 TO STA 58+91

LEGEND
 EXISTING PAVEMENT MARKINGS TO BE REMOVED

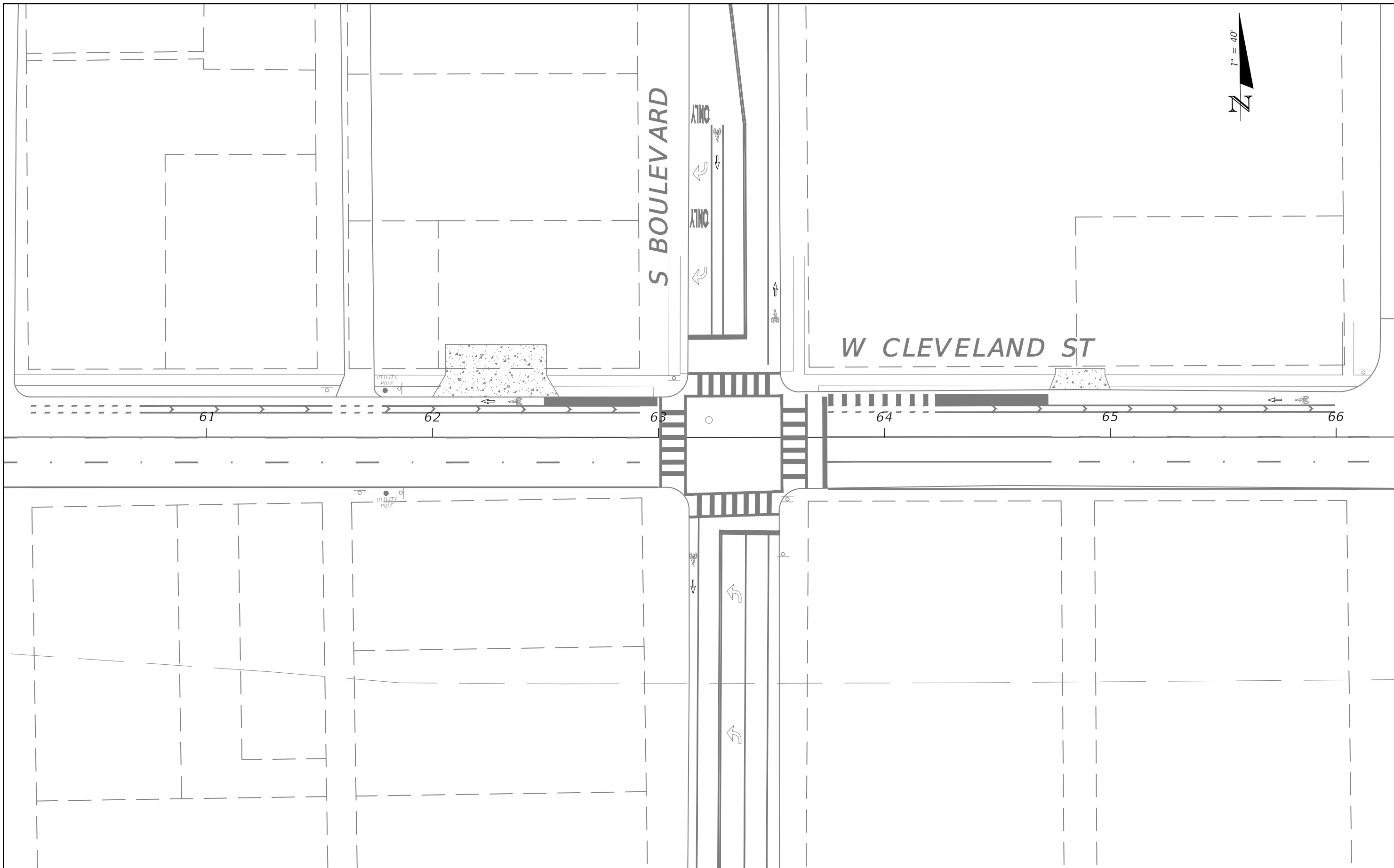
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 306 E. JACKSON STREET
 TAMPA, FL 33602
 CERTIFICATE OF AUTHORIZATION 00000000

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CLEVELAND ST	HILLSBOROUGH	0000

**PAVEMENT MARKING
REMOVAL PLAN**

SHEET NO.
07



S BOULEVARD

W CLEVELAND ST

61

62

63

64

65

66

UTILITY POLE

UTILITY POLE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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**PAVEMENT MARKING
REMOVAL PLAN**

SHEET NO.
08

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S FIELDING AVE

S BREVARD AVE

W CLEVELAND ST



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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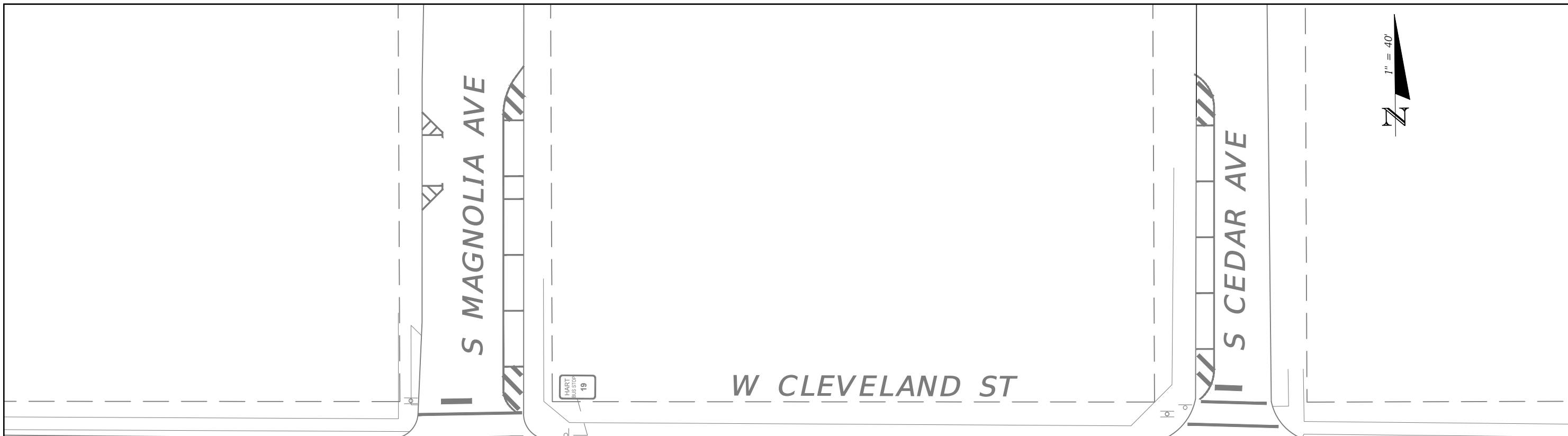
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CLEVELAND ST	HILLSBOROUGH	0000

**PAVEMENT MARKING
REMOVAL PLAN**

SHEET NO.
09

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REMOVE EXISTING PAVEMENT MARKINGS

LEGEND

EXISTING PAVEMENT MARKINGS TO BE REMOVED

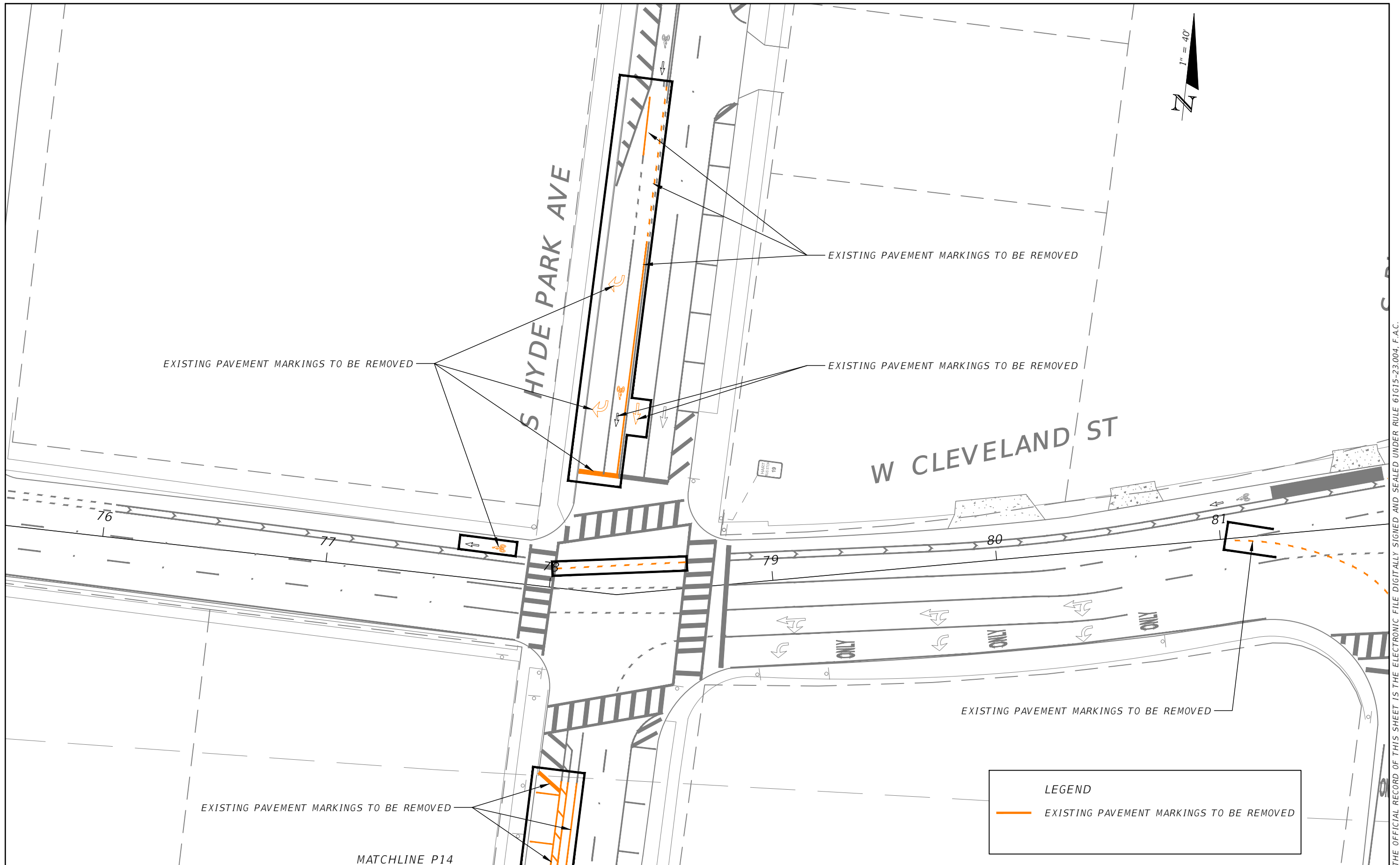
REVISIONS			
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CALVIN K. HARDIE, P.E.
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CLEVELAND ST	HILLSBOROUGH	0000

**PAVEMENT MARKING
REMOVAL PLAN**

SHEET NO.
10



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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CLEVELAND ST	HILLSBOROUGH	0000

**PAVEMENT MARKING
REMOVAL PLAN**

SHEET NO.
11



S PLANT AVE

W CLEVELAND ST

EXISTING PAVEMENT MARKINGS TO BE REMOVED

EXISTING PAVEMENT MARKINGS TO BE REMOVED

EXISTING PAVEMENT MARKINGS TO BE REMOVED

81

82

83

84

85

86

+71

+55

ONLY ONLY

UTILITY POLE

LEGEND

- PAVEMENT RESURFACING LIMITS
- EXISTING PAVEMENT MARKINGS TO BE REMOVED

DATE	DESCRIPTION	DATE	DESCRIPTION

CALVIN K. HARDIE, P.E.
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 CITY OF TAMPA
 306 E. JACKSON STREET
 TAMPA, FL 33602
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CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CLEVELAND ST	HILLSBOROUGH	0000

**PAVEMENT MARKING
REMOVAL PLAN**

SHEET NO.
12

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S PARKER ST

W BROREIN ST

86

87

88

88

+15

+15

END PROJECT
STA. 88+15.37

LEGEND

 PAVEMENT RESURFACING LIMITS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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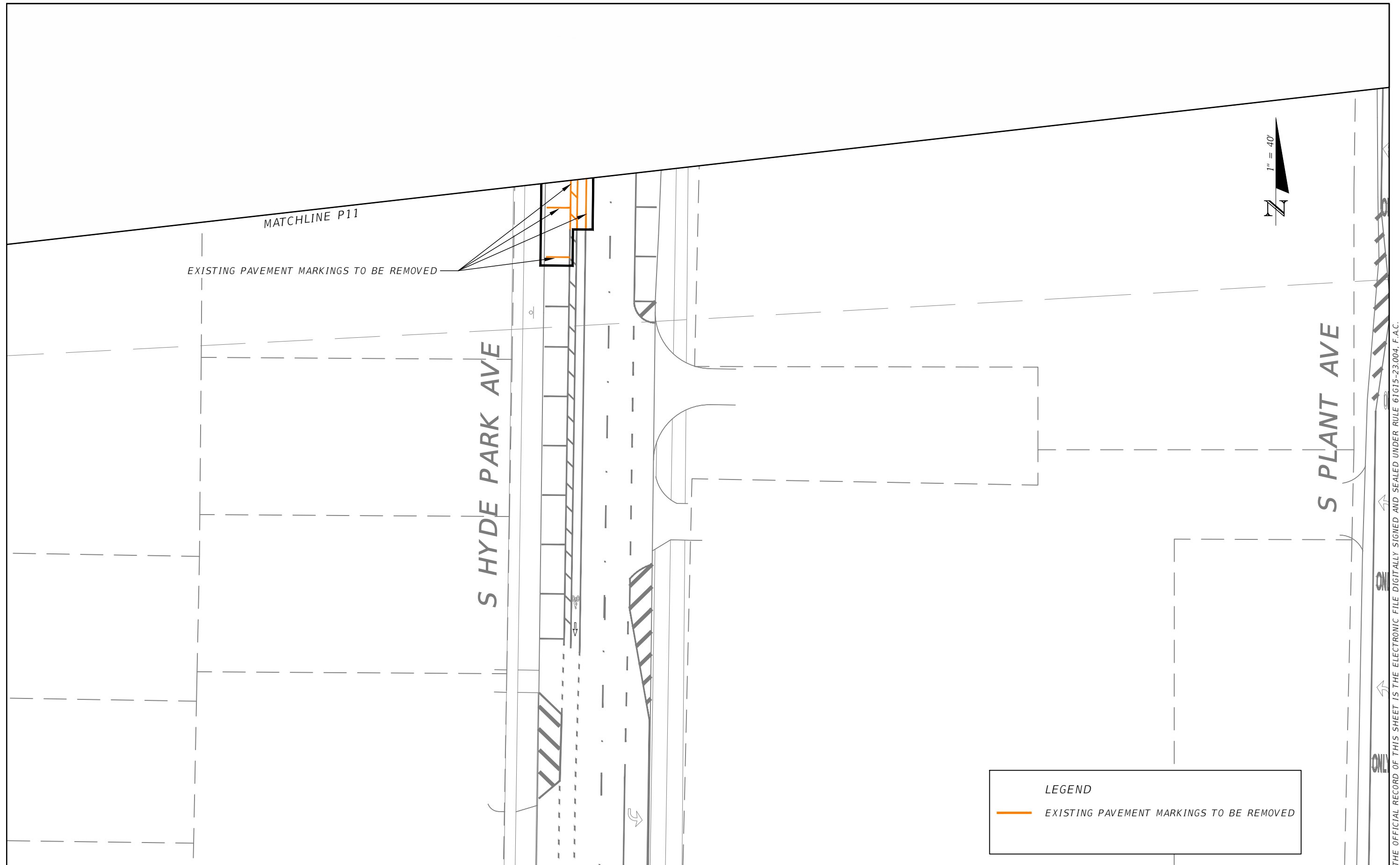
CALVIN K. HARDIE, P.E.
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CLEVELAND ST	HILLSBOROUGH	0000

**PAVEMENT MARKING
REMOVAL PLAN**

SHEET
NO.
13

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LEGEND	
	EXISTING PAVEMENT MARKINGS TO BE REMOVED

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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CLEVELAND ST	HILLSBOROUGH	0000

**PAVEMENT MARKING
REMOVAL PLAN**

SHEET NO.
14

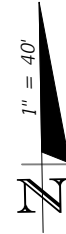
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MATCHLINE STA. - 45+12.00

BEGIN PROJECT
STA. 47+63.86

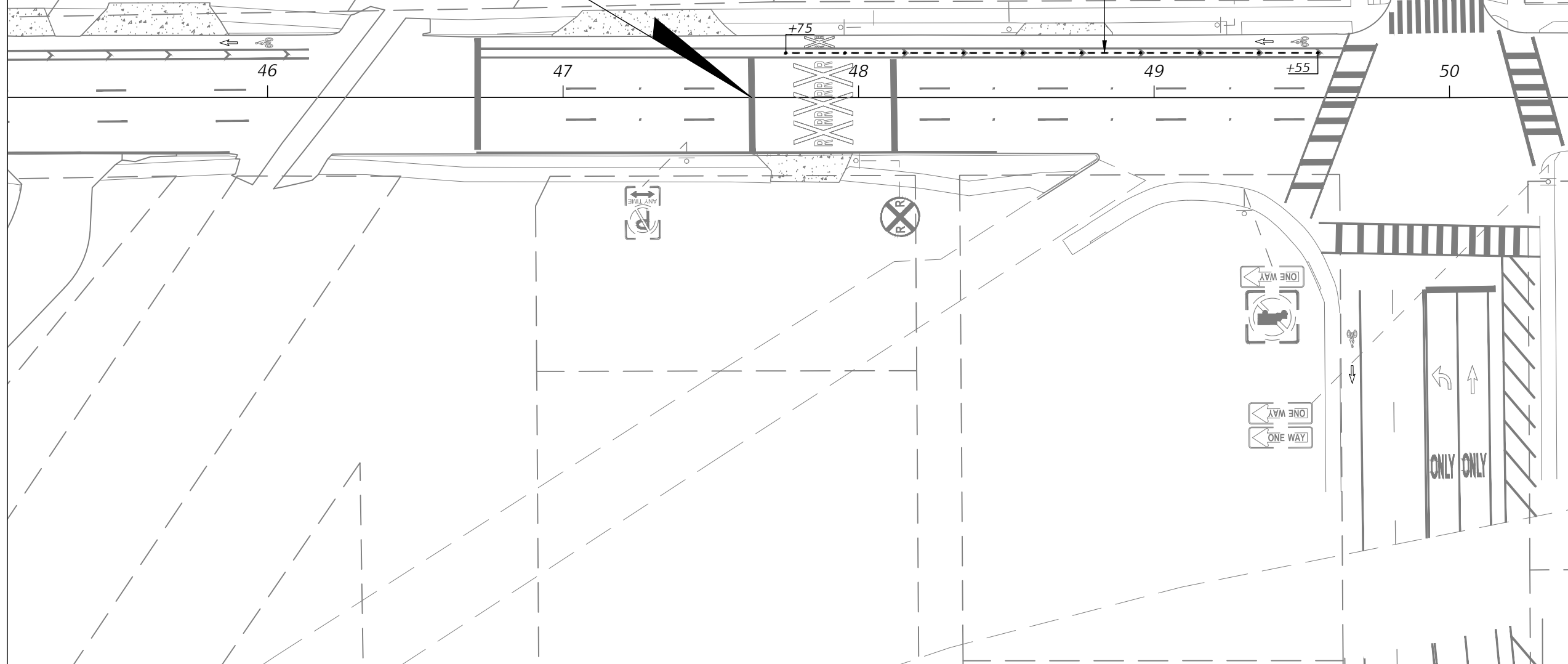
W CLEVELAND ST

INSTALL CYCLE LANE BUFFER
(SEE DETAIL 1-C)



N WILLOW AVE

MATCHLINE STA. - 50+40.58



REVISIONS			
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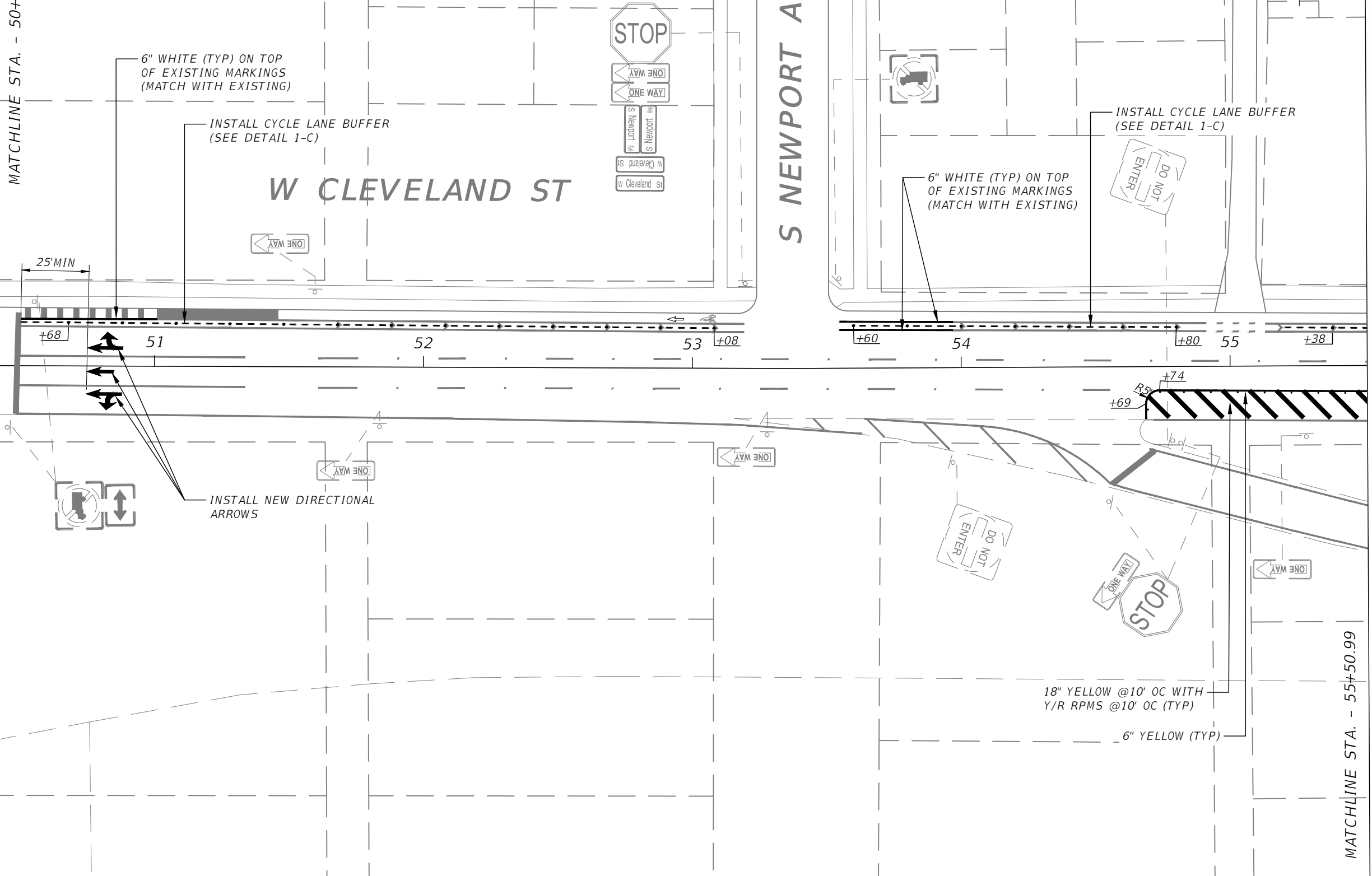
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CLEVELAND ST	HILLSBOROUGH	0000

**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET NO.
15

MATCHLINE STA. - 50+40.58

S NEWPORT AVE



MATCHLINE STA. - 55+50.99

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

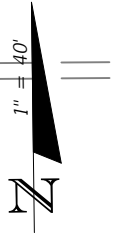
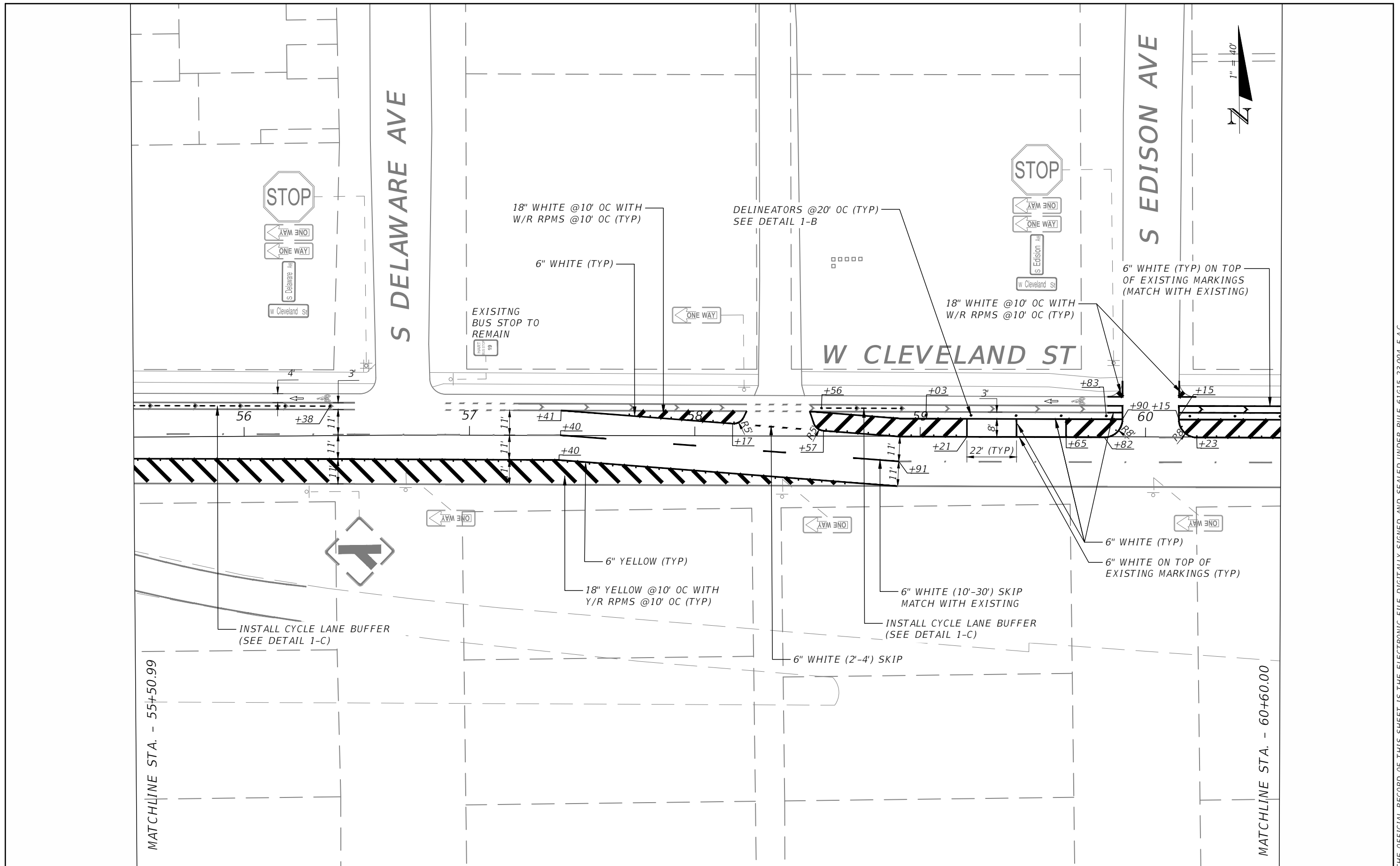
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**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET NO.
16

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DATE	DESCRIPTION	DATE	DESCRIPTION

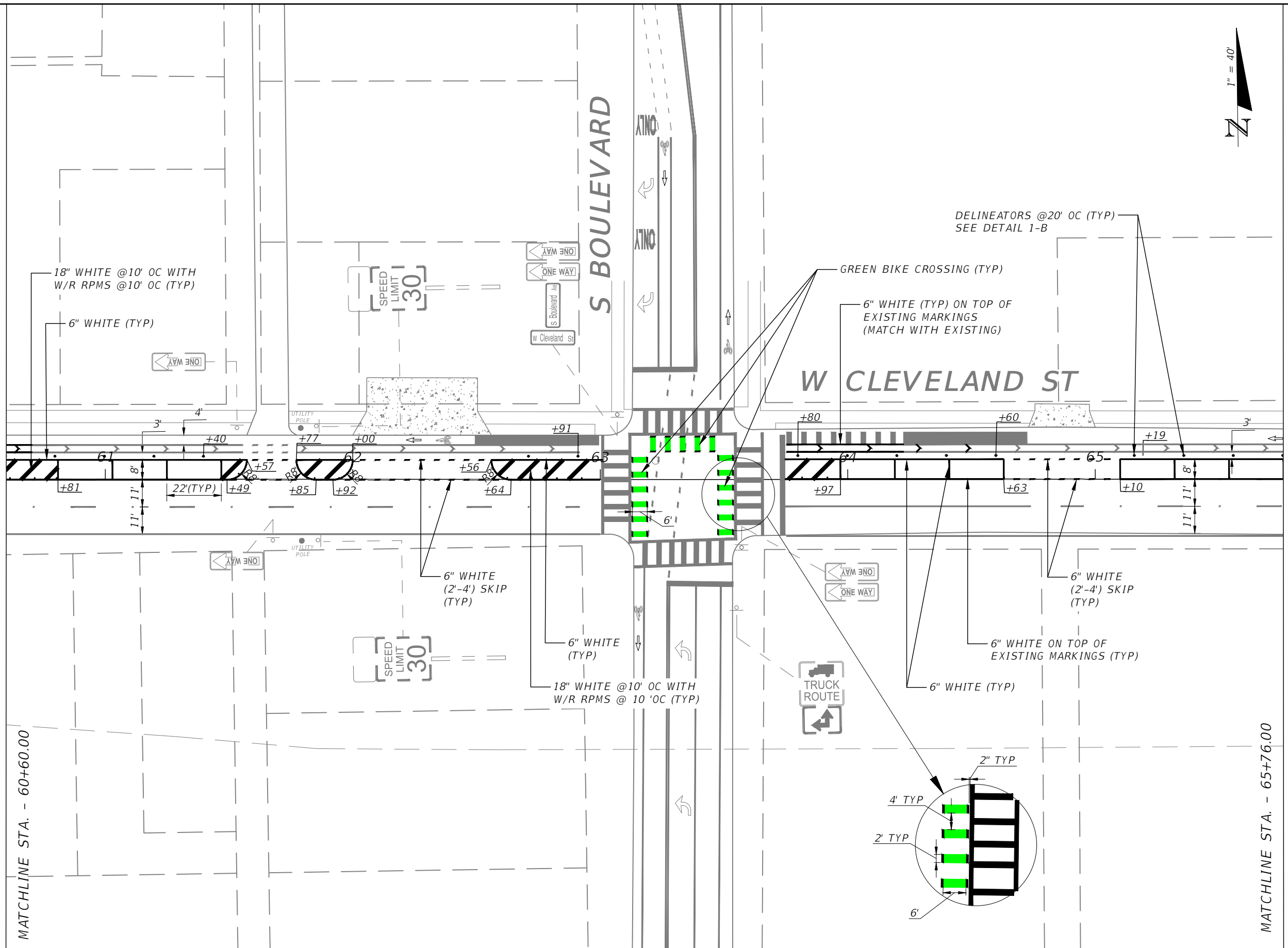
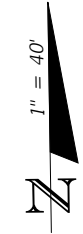
CALVIN K. HARDIE, P.E.
P.E. LICENSE NUMBER 74590
CITY OF TAMPA
306 E. JACKSON STREET
TAMPA, FL 33602
CERTIFICATE OF AUTHORIZATION 00000000

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CLEVELAND ST	HILLSBOROUGH	0000

**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET NO.
17

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



MATCHLINE STA. - 60+60.00

MATCHLINE STA. - 65+76.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

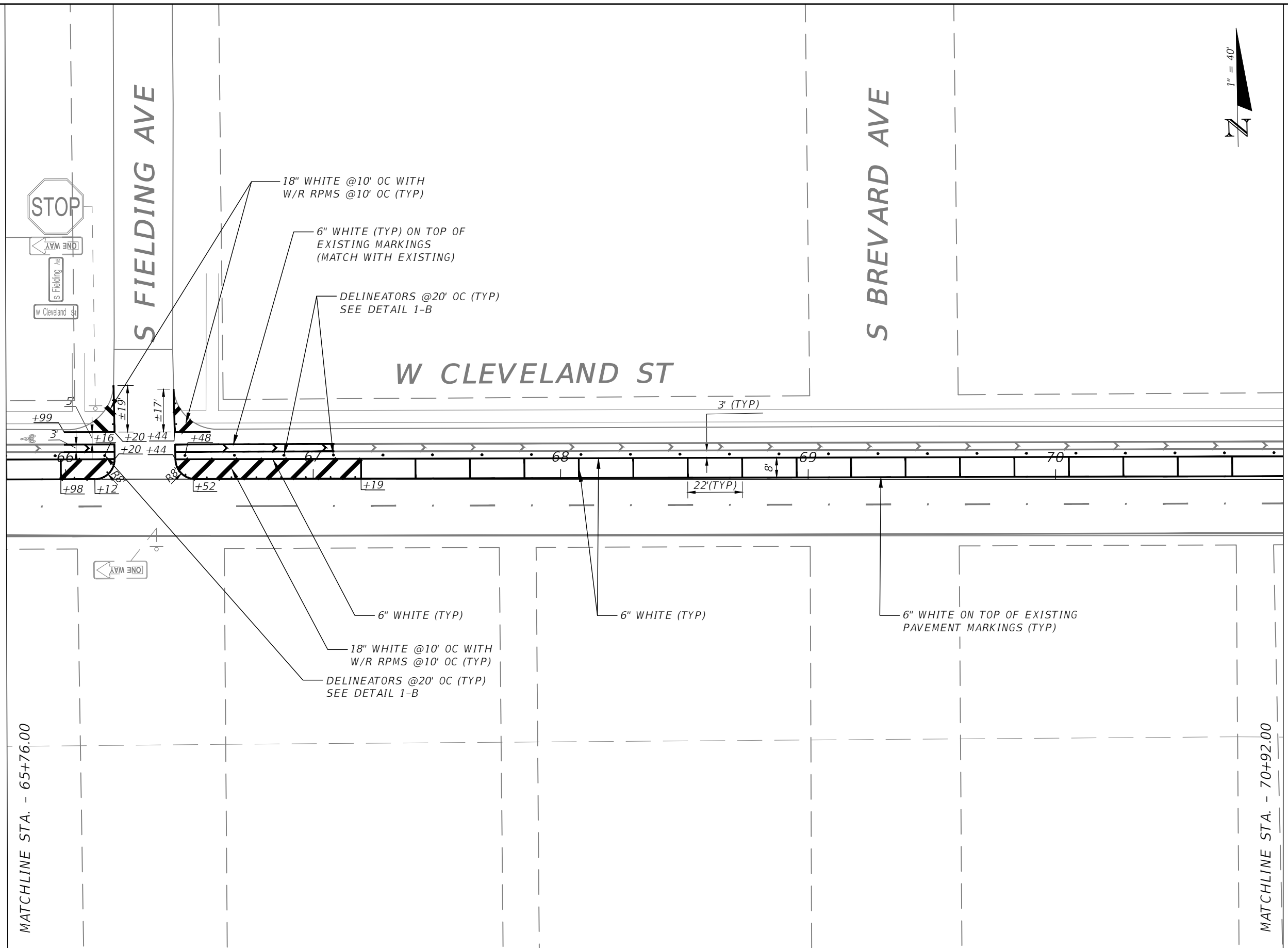
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CLEVELAND ST	HILLSBOROUGH	0000

**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET NO.
18

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MATCHLINE STA. - 65+76.00

MATCHLINE STA. - 70+92.00

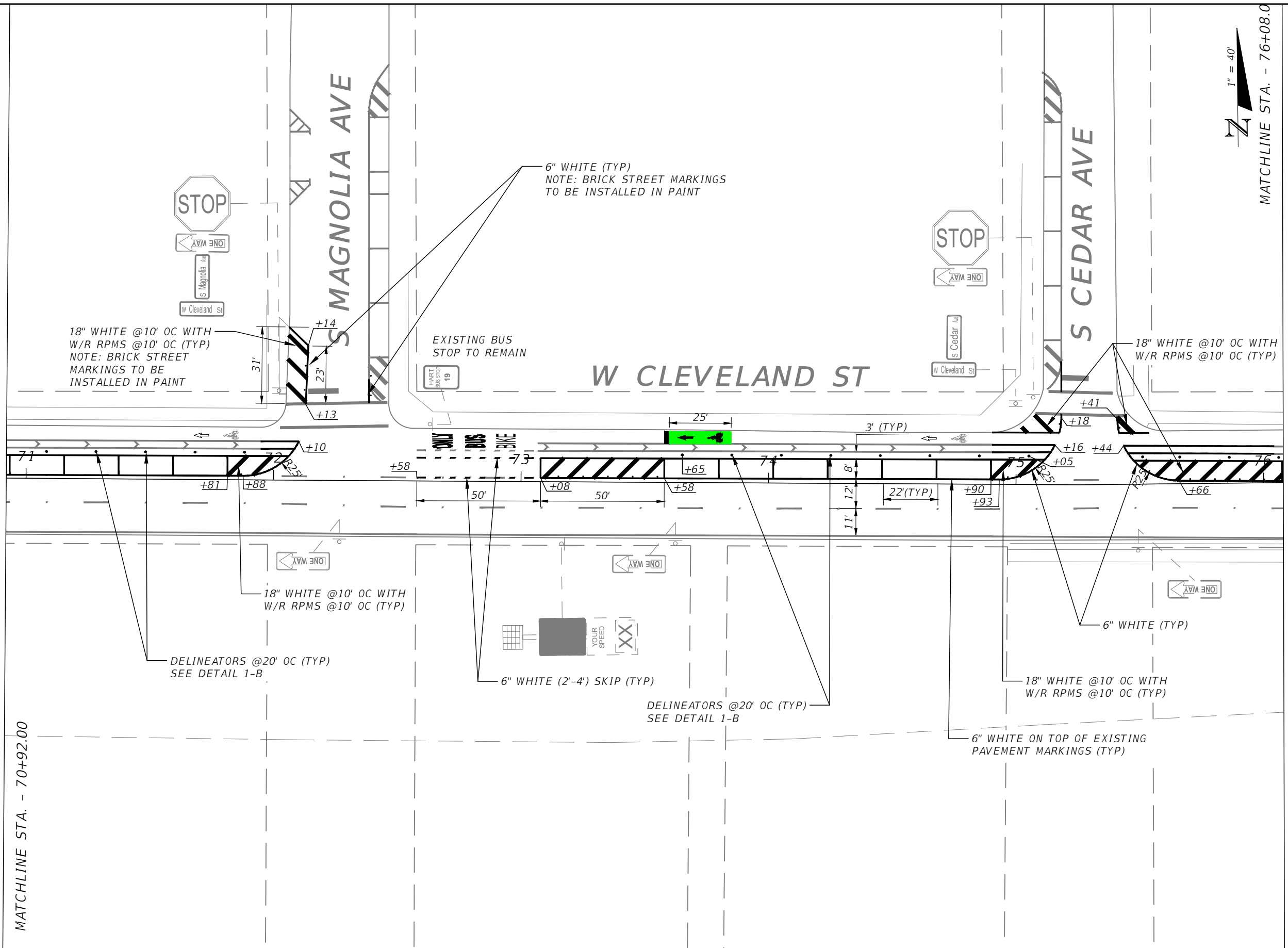
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 306 E. JACKSON STREET
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CITY OF TAMPA MOBILITY DEPARTMENT		
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CLEVELAND ST	HILLSBOROUGH	0000

**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET NO.
19



1" = 40'
 MATCHLINE STA. - 76+08.0

MATCHLINE STA. - 70+92.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CLEVELAND ST	HILLSBOROUGH	0000

**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET NO.
20

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NOTE:
 CONTRACTOR TO CONTACT HART
 48 HOURS IN ADVANCE OF
 CONSTRUCTION
 DAN RODRIGUEZ, PMP
 PROJECT MANAGER III
 1201 EAST 7TH AVENUE
 TAMPA, FL 33605
 TEL: (813) 384-6438
 FAX: (813) 384-6283
 RodriguezD@gohart.org

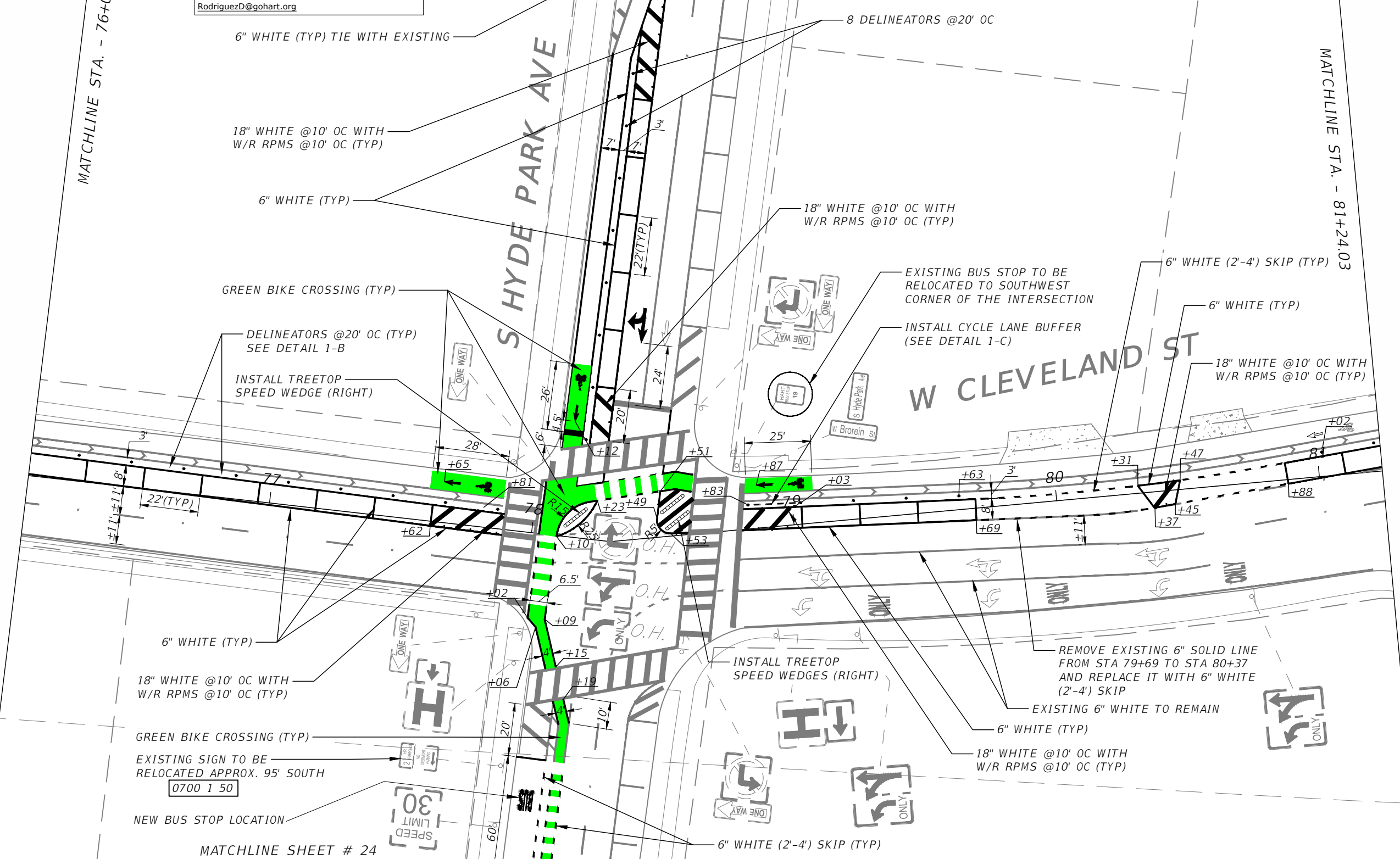


MATCHLINE STA. - 76+08.01

MATCHLINE STA. - 81+24.03

S HYDE PARK AVE

W CLEVELAND ST



- 6" WHITE (TYP) TIE WITH EXISTING
- 18" WHITE @10' OC WITH W/R RPMS @10' OC (TYP)
- 6" WHITE (TYP)
- GREEN BIKE CROSSING (TYP)
- DELINEATORS @20' OC (TYP) SEE DETAIL 1-B
- INSTALL TREETOP SPEED WEDGE (RIGHT)
- 8 DELINEATORS @20' OC
- 18" WHITE @10' OC WITH W/R RPMS @10' OC (TYP)
- EXISTING BUS STOP TO BE RELOCATED TO SOUTHWEST CORNER OF THE INTERSECTION
- INSTALL CYCLE LANE BUFFER (SEE DETAIL 1-C)
- 6" WHITE (2'-4') SKIP (TYP)
- 6" WHITE (TYP)
- 18" WHITE @10' OC WITH W/R RPMS @10' OC (TYP)
- 6" WHITE (TYP)
- 6" WHITE (TYP)
- 18" WHITE @10' OC WITH W/R RPMS @10' OC (TYP)
- 6" WHITE (TYP)
- 18" WHITE @10' OC WITH W/R RPMS @10' OC (TYP)
- GREEN BIKE CROSSING (TYP)
- EXISTING SIGN TO BE RELOCATED APPROX. 95' SOUTH [0700 1 50]
- NEW BUS STOP LOCATION
- INSTALL TREETOP SPEED WEDGES (RIGHT)
- REMOVE EXISTING 6" SOLID LINE FROM STA 79+69 TO STA 80+37 AND REPLACE IT WITH 6" WHITE (2'-4') SKIP
- EXISTING 6" WHITE TO REMAIN
- 6" WHITE (TYP)
- 18" WHITE @10' OC WITH W/R RPMS @10' OC (TYP)
- 6" WHITE (2'-4') SKIP (TYP)

MATCHLINE SHEET # 24

REVISIONS			
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CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CLEVELAND ST	HILLSBOROUGH	0000

**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET NO.
21

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INSTALL (3)
DELINEATORS @5' OC
SEE DETAIL 1-B

DELINEATORS (TYP)
SEE DETAIL 1-B

MATCHLINE STA. - 81+24.03

S PLANT AVE

GREEN BIKE CROSSING (TYP)

INSTALL CYCLE LANE BUFFER
(SEE DETAIL 1-C)

DELINEATORS @20' OC (TYP)
SEE DETAIL 1-B

W CLEVELAND ST

18" WHITE @10' OC WITH
W/R RPMS @10' OC (TYP)

6" WHITE (10'-30') SKIP WITH
W/R RPMS @ 40' OC (TYP)

18" WHITE @10' OC WITH
W/R RPMS @10' OC (TYP)

24" WHITE STOP LINE (TYP)

6" WHITE (TYP)

6" WHITE WITH RPMS W/R @20' OC (TYP)

GREEN BIKE CROSSING (TYP)

GREEN BIKE CROSSING (TYP)
MATCH WITH EXISTING

NEW 6" WHITE (2'-4') SKIP
GUIDE LINE

NO
RIGHT
TURN
ON RED

LEGEND	
	PAVEMENT RESURFACING LIMITS

MATCHLINE STA. - 86+40.04

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

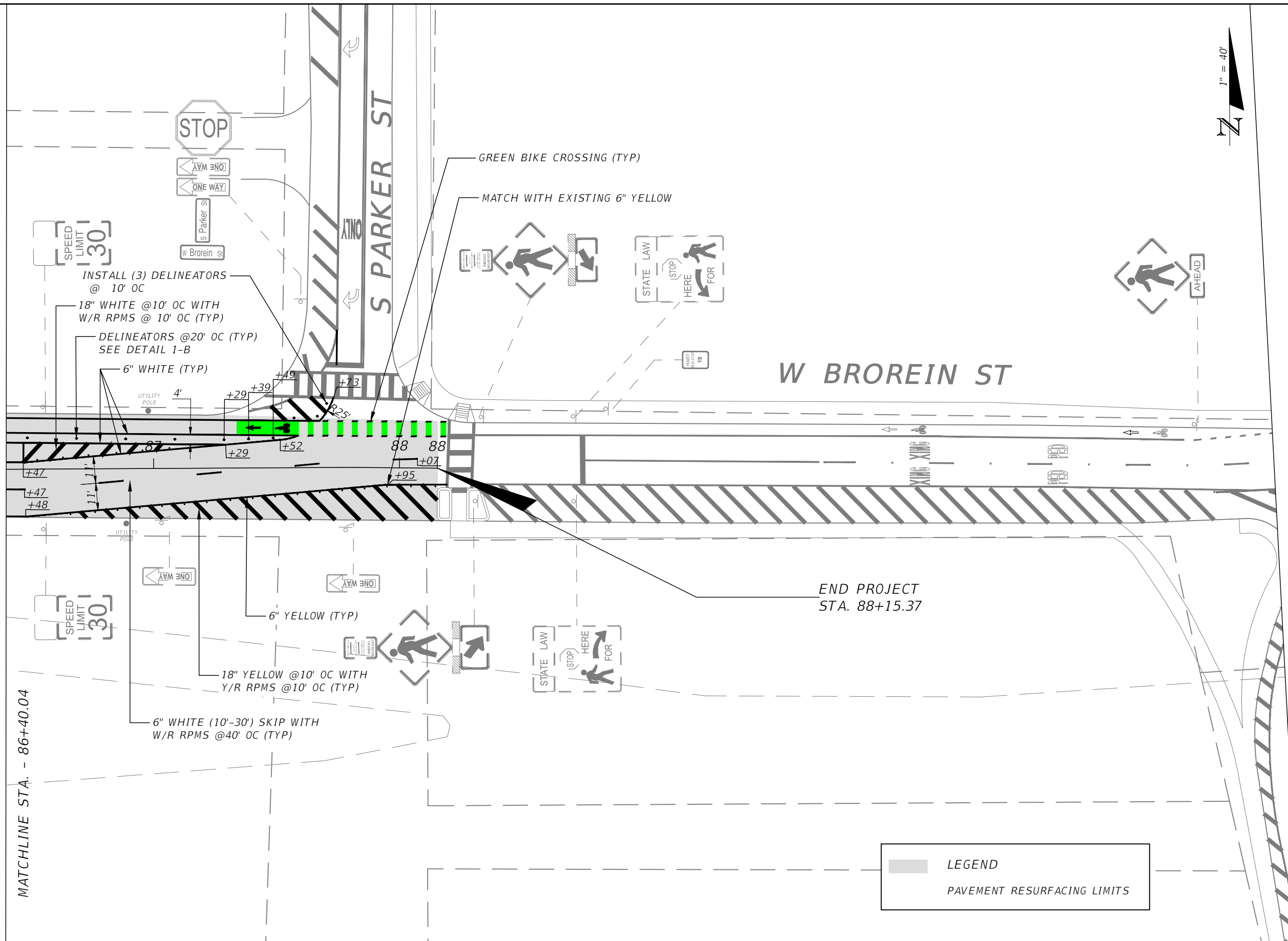
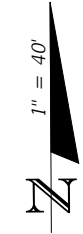
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CLEVELAND ST	HILLSBOROUGH	0000

**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET
NO.
22

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MATCHLINE STA. - 86+40.04

END PROJECT
STA. 88+15.37

LEGEND
PAVEMENT RESURFACING LIMITS

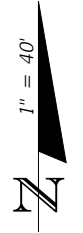
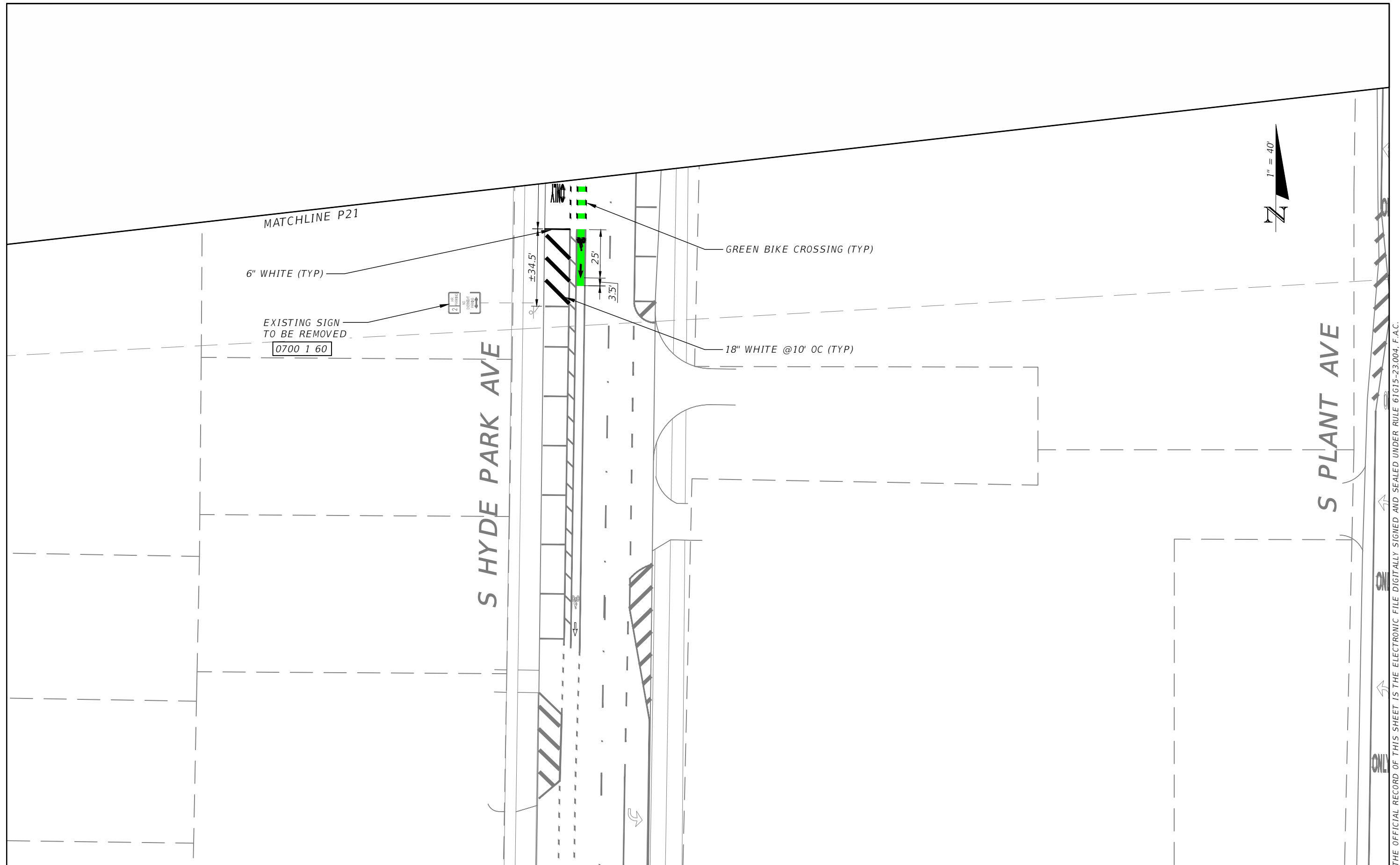
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**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET NO.
23



S HYDE PARK AVE

S PLANT AVE

REVISIONS			
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**SIGNING AND PAVEMENT
MARKING PLAN**

SHEET NO.
24