

CITY OF TAMPA MOBILITY DEPARTMENT

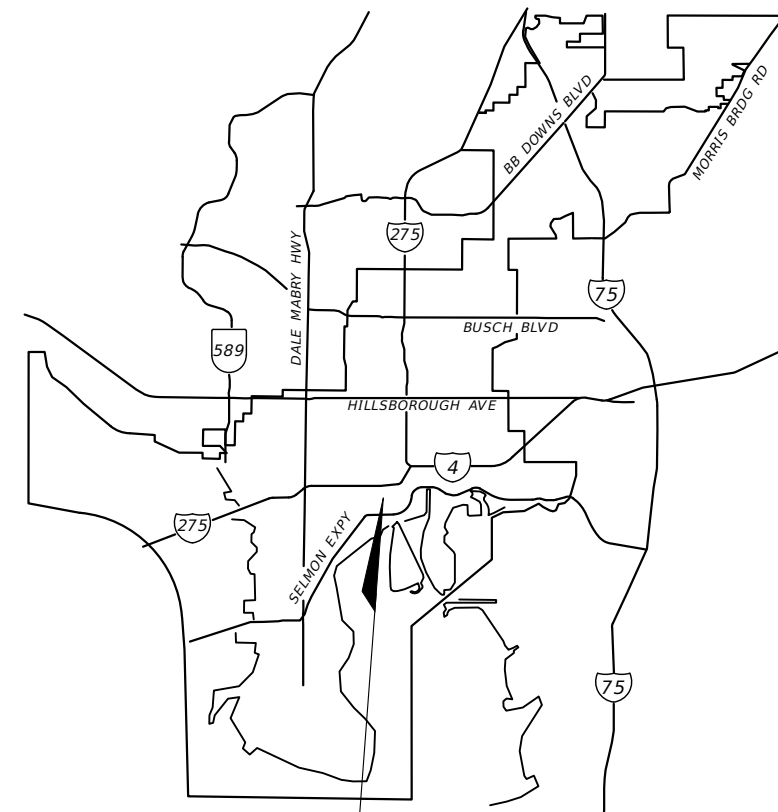
CONTRACT PLANS

HILLSBOROUGH COUNTY
CASS STREET
FROM NORTH BLVD TO 300' WEST OF W. TYLER ST
0.55 MILES

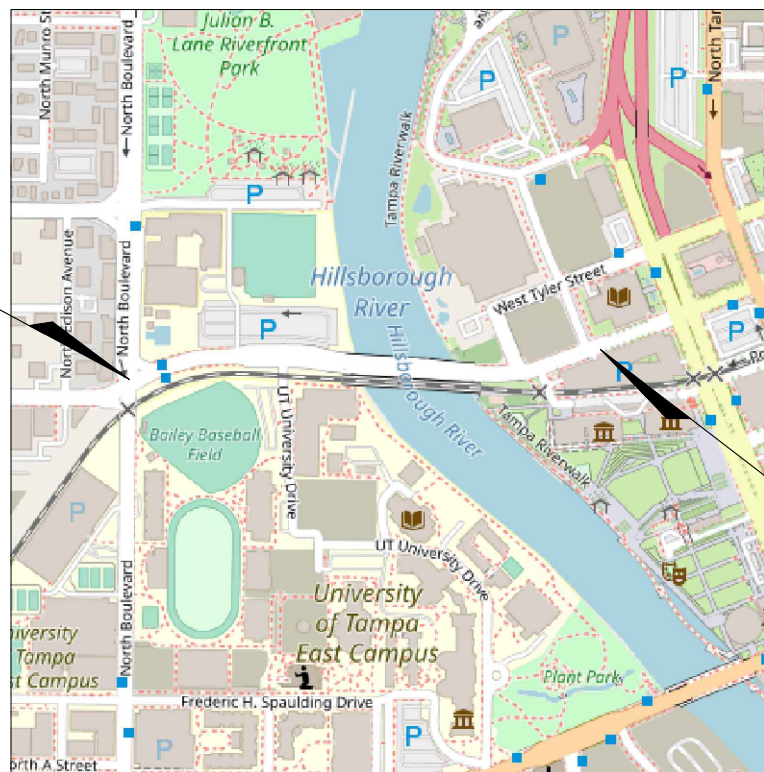
SIGNING AND PAVEMENT MARKING PLANS

INDEX OF SIGNING AND PAVEMENT MARKINGS PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	TABULATION OF QUANTITIES
3	DETAILS
4-7	SIGNING AND PAVEMENT MARKING PLANS



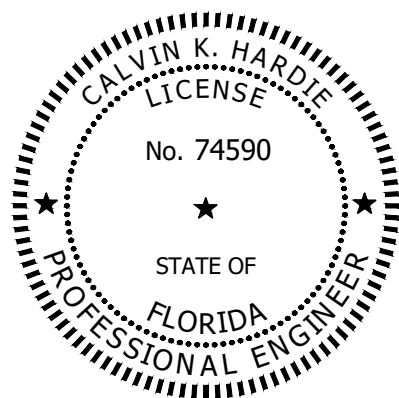
Project Location



Beginning of Project
STA. 10+00

Ending of Project
STA. 29+02

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.



FINAL PLANS
01/10/2023

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.:

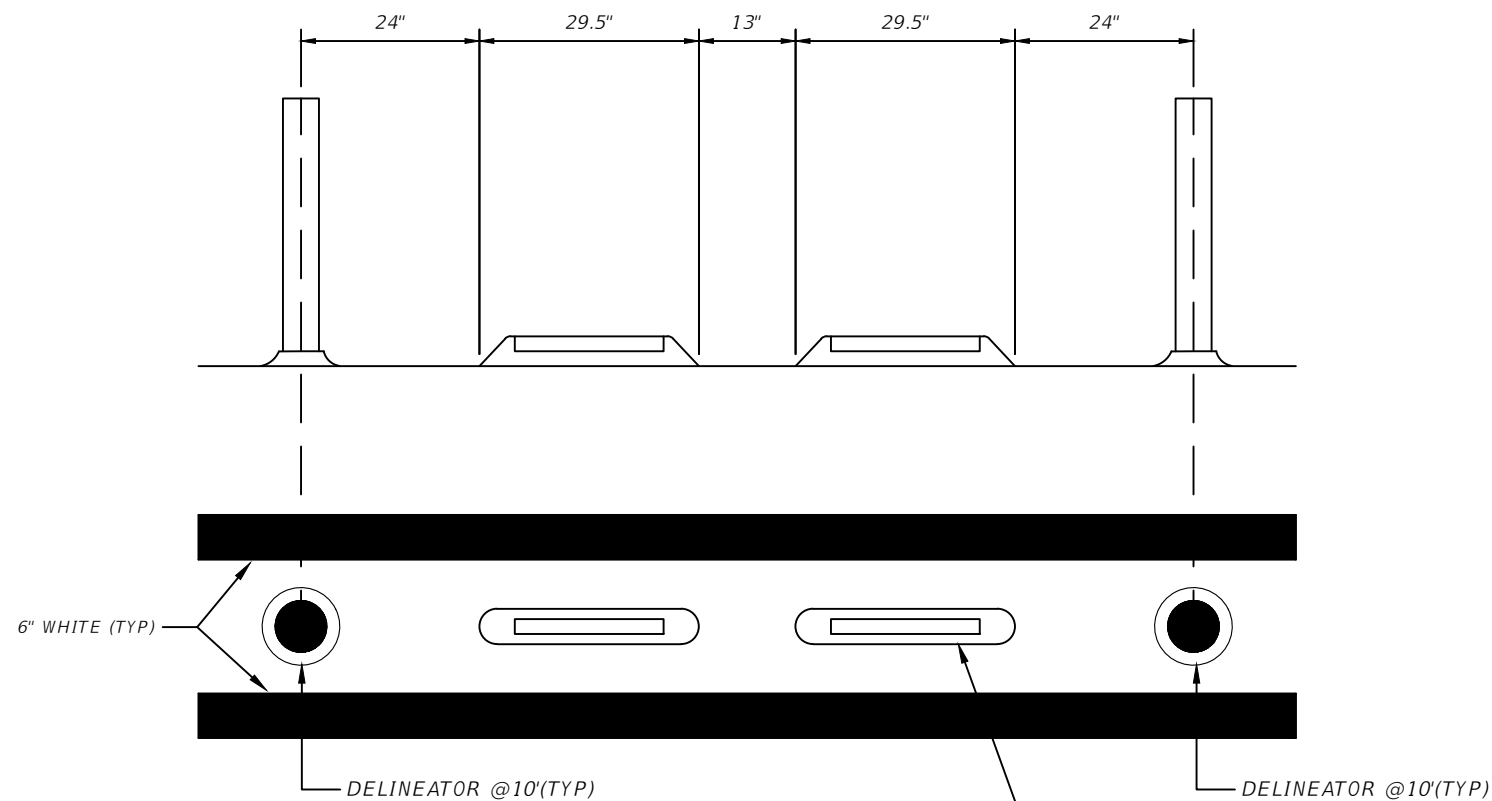
GOVERNING STANDARDS AND SPECIFICATIONS
FLORIDA DEPARTMENT OF TRANSPORTATION FY
2022-23 DESIGN STANDARDS AND REVISED
INDEX DRAWING AS APPENDED HEREIN, AND
FY 2022-23 STANDARD SPECIFICATIONS FOR
ROAD AND BRIDGE CONSTRUCTION, AS
AMENDED BY CONTRACT DOCUMENTS AND THE
CITY OF TAMPA.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T-0000	2022	01

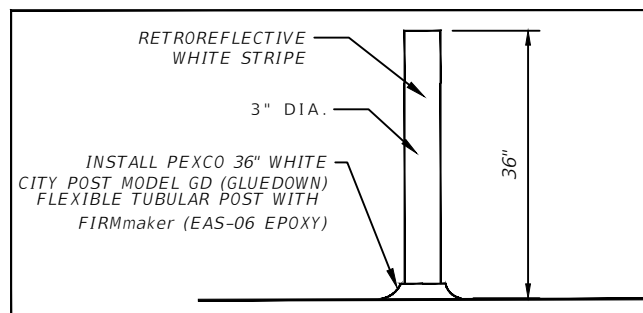
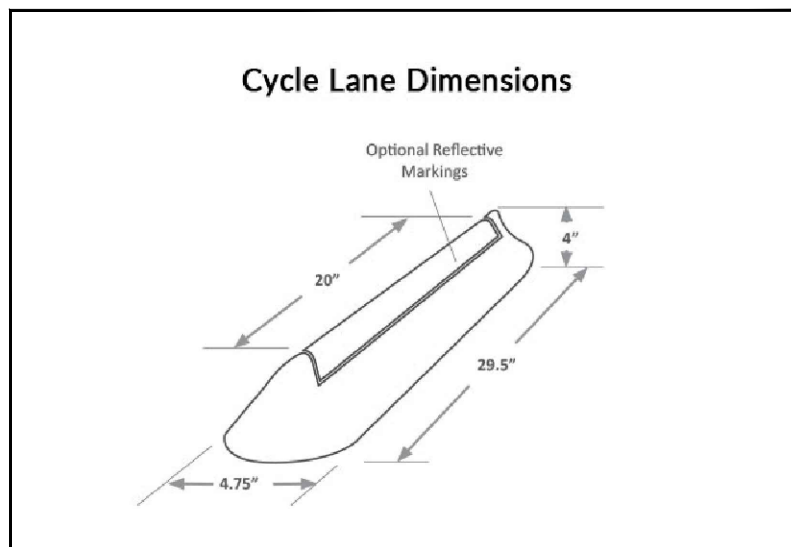
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TABULATION OF QUANTITIES			
Pay Item Number	Pay Item Description	Unit of Measure	Total Quantities
327 70 6	MILLING EXISTING ASPH PAVT, 1.0" AVG DEPTH	SY	5609
334 1 13	SUPERPAVE ASPH CONC, TRAF CSP 9.5	TN	308.5
0711 16101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	LF	5133
0711 16201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	LF	3379
0711 16231	THERMOPLASTIC, STANDARD, YELLOW, 3-9 SKIP	LF	1125
0711 11124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	139
0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	212
0711 11141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	LF	518
0711 11224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	189
0711 11241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	LF	103
0711 14160	THERMOPLASTIC, PERFORMED, WHITE, MESSAGE (BIKE SYMBOL)	EA	13
0711 14160	THERMOPLASTIC, PERFORMED, WHITE, MESSAGE (BIKE, BUS, ONLY)	EA	8
0711 14170	THERMOPLASTIC, PERFORMED, WHITE, ARROW (BIKE LANE ARROW)	EA	13
0711 1170	THERMOPLASTIC, STANDARD, WHITE, ARROW. LEFT ARROW	EA	5
0711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROW, RIGHT ARROW	EA	5
0711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROW, THRU ARROW	EA	1
0744 11160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE, ONLY, PED, XING	EA	10
0711 11180	THERMOPLASTIC, STANDARD, WHITE, YIELD LINE	LF	12
700 1 18	BIKE ONLY SIGN, GM-1	AS	4
971 703	LOW MODULAR RUBBER BARRIERS (FOR BIKE LANES)	EA	234
0705 11 1	DELINEATORS FLEXIBLE TUBLAR, INSTALL, WHITE 36"	EA	147
0523 1 3	PATTERNED PAVEMENT, VEHICULAR AREAS, GREEN BIKE LANE	SY	290
0706 1 1	RETRO-REFLECTIVE PAVEMENT MARKERS, YELLOW/YELLOW	EA	188
0706 1 1	RETRO-REFLECTIVE PAVEMENT MARKERS, WHITE/RED	EA	21
700 1 60	SIGN POST / ASSEMBLY, REMOVE, UP TO 12 SF	EA	6

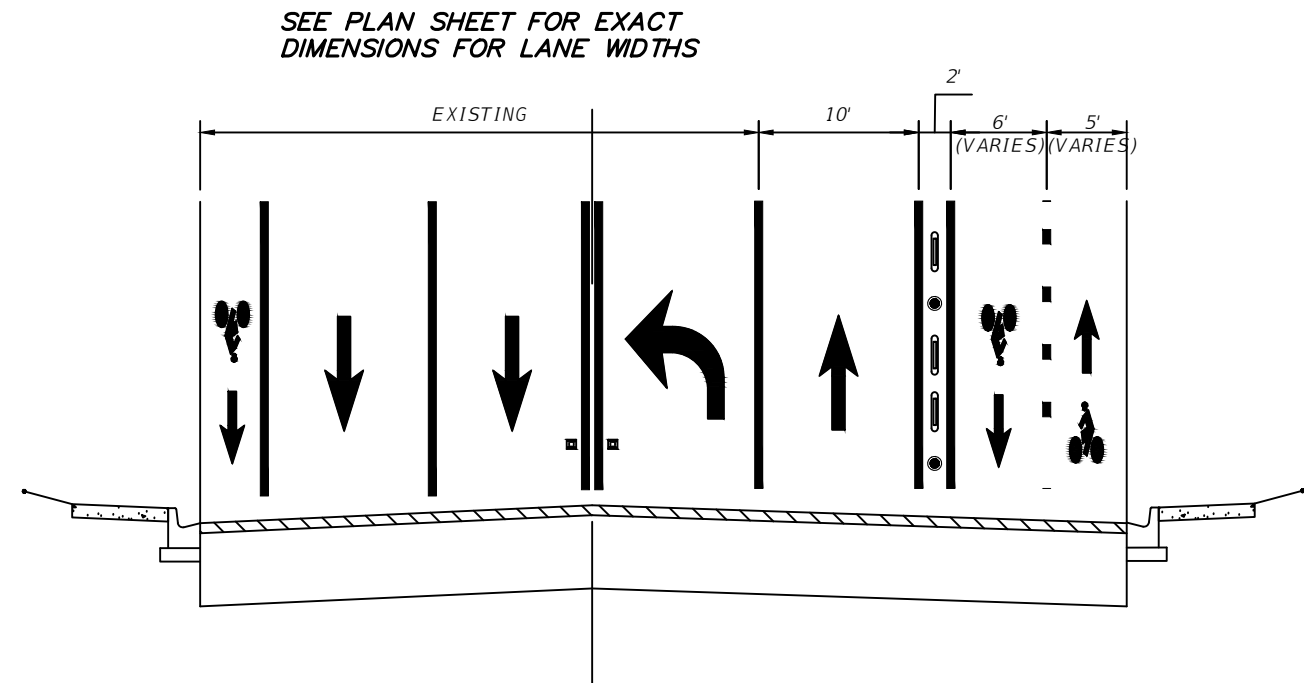
REVISIONS				CALVIN K. HARDIE, P.E. P.E. LICENSE NUMBER 74590 CITY OF TAMPA 306 E JACKSON ST TAMPA, FL 33602 CERTIFICATE OF AUTHORIZATION ----	CITY OF TAMPA MOBILITY DEPARTMENT			TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
----	----				CASS STREET	HILLSBOROUGH	0000		02



**CYCLE LANE BUFFER DETAIL
PLAN AND PROFILE VIEW
N.T.S.**

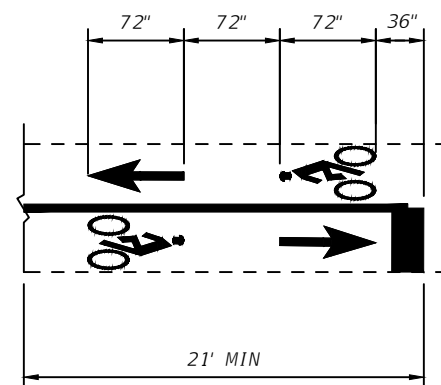


**DELINEATOR PROFILE DETAIL
N.T.S.**

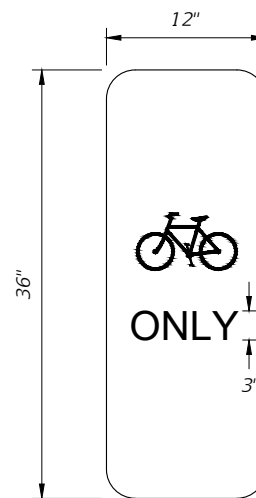


**TYPICAL ROAD MARKING
N.T.S.**

MILL 1" AND REPLACE WITH FC9.5 TRAFFIC C



**TYPICAL SIGNALIZED INTERSECTION
MARKING DETAIL
N.T.S.**



**GM-1 DETAIL
N.T.S.**

FABRICATE SPECIAL 12"x36" "BIKES ONLY" SYMBOL SIGN ON REFLECTIVE SHEETING AND AFFIX IT TO THE REFLECTIVE SHEETING AREA ON THE FACE OF THE FLEXIBLE VERTICAL PANEL. SIGN PANEL SHALL BE WHITE WITH BLACK LEGEND.

ALL COST ASSOCIATED WITH THE FABRICATION AND INSTALLATION OF THIS SIGN AND MOUNTING SHALL BE INCLUDED IN PAY ITEM 0700 1 18

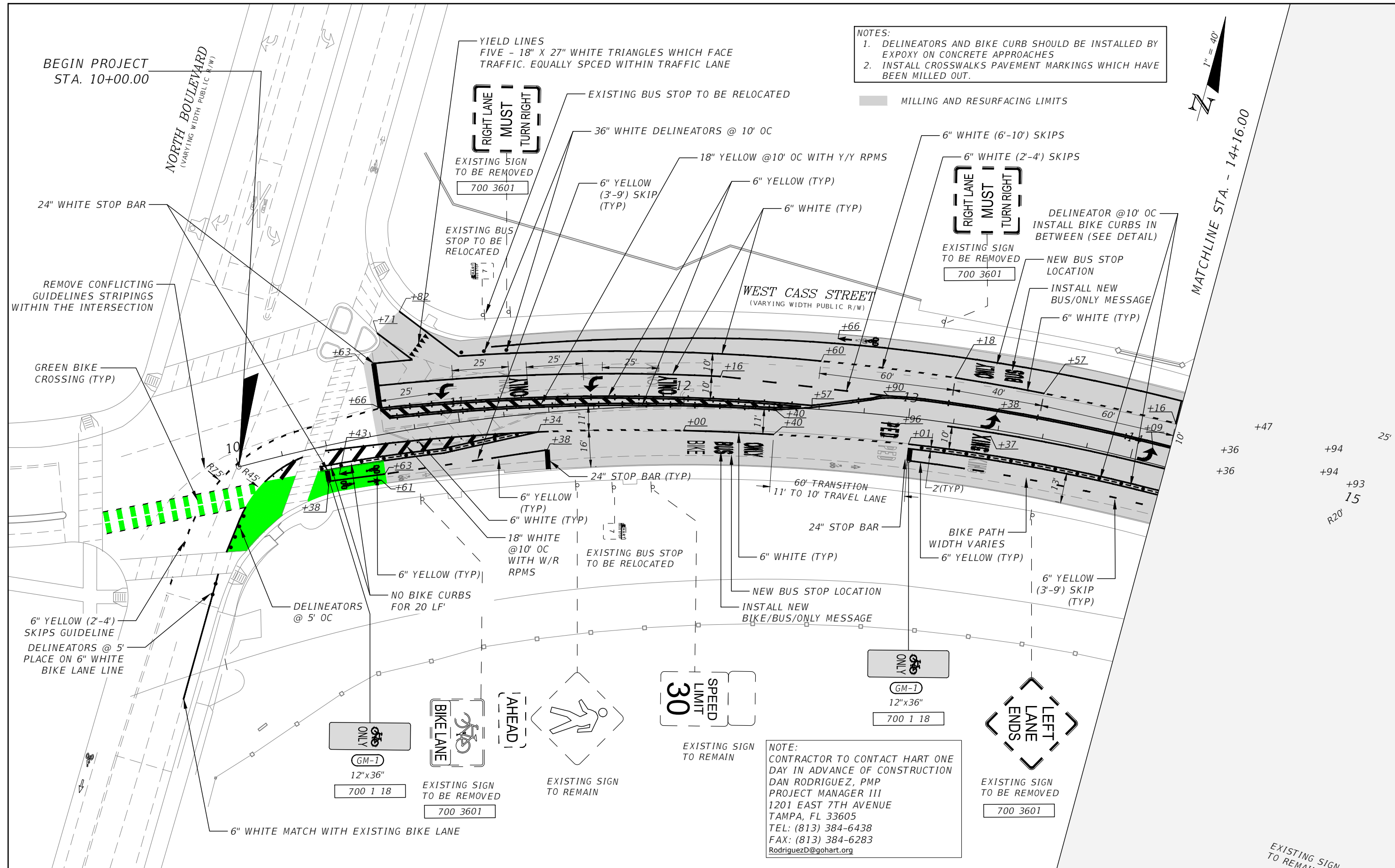
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TAMPA, FL 33602
CERTIFICATE OF AUTHORIZATION ----

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CASS STREET	HILLSBOROUGH	0000

DETAILS

SHEET NO.
03



NOTES:
 1. DELINEATORS AND BIKE CURB SHOULD BE INSTALLED BY EXPOXY ON CONCRETE APPROACHES
 2. INSTALL CROSSWALKS PAVEMENT MARKINGS WHICH HAVE BEEN MILLED OUT.



■ MILLING AND RESURFACING LIMITS

WEST CASS STREET
 (VARYING WIDTH PUBLIC R/W)

NOTE:
 CONTRACTOR TO CONTACT HART ONE DAY 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

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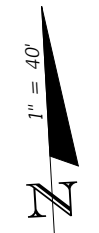
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 CITY OF TAMPA
 306 E JACKSON ST
 TAMPA, FL 33602
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CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CASS STREET	HILLSBOROUGH	0000

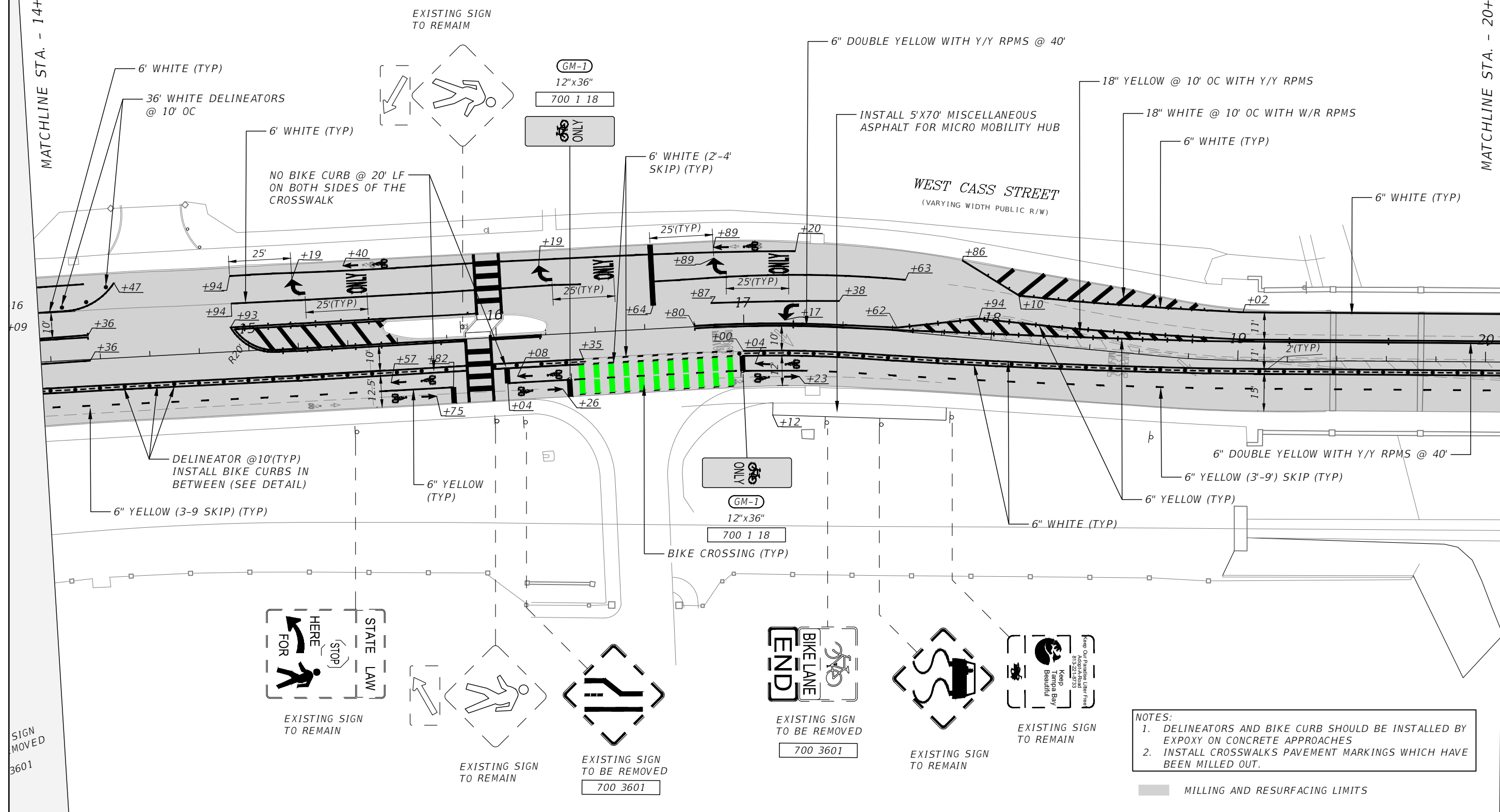
SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.
 04



MATCHLINE STA. - 14+16.00

MATCHLINE STA. - 20+07.00



- NOTES:**
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 2. INSTALL CROSSWALKS PAVEMENT MARKINGS WHICH HAVE BEEN MILLED OUT.

■ MILLING AND RESURFACING LIMITS

SIGN MOVED 3601

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

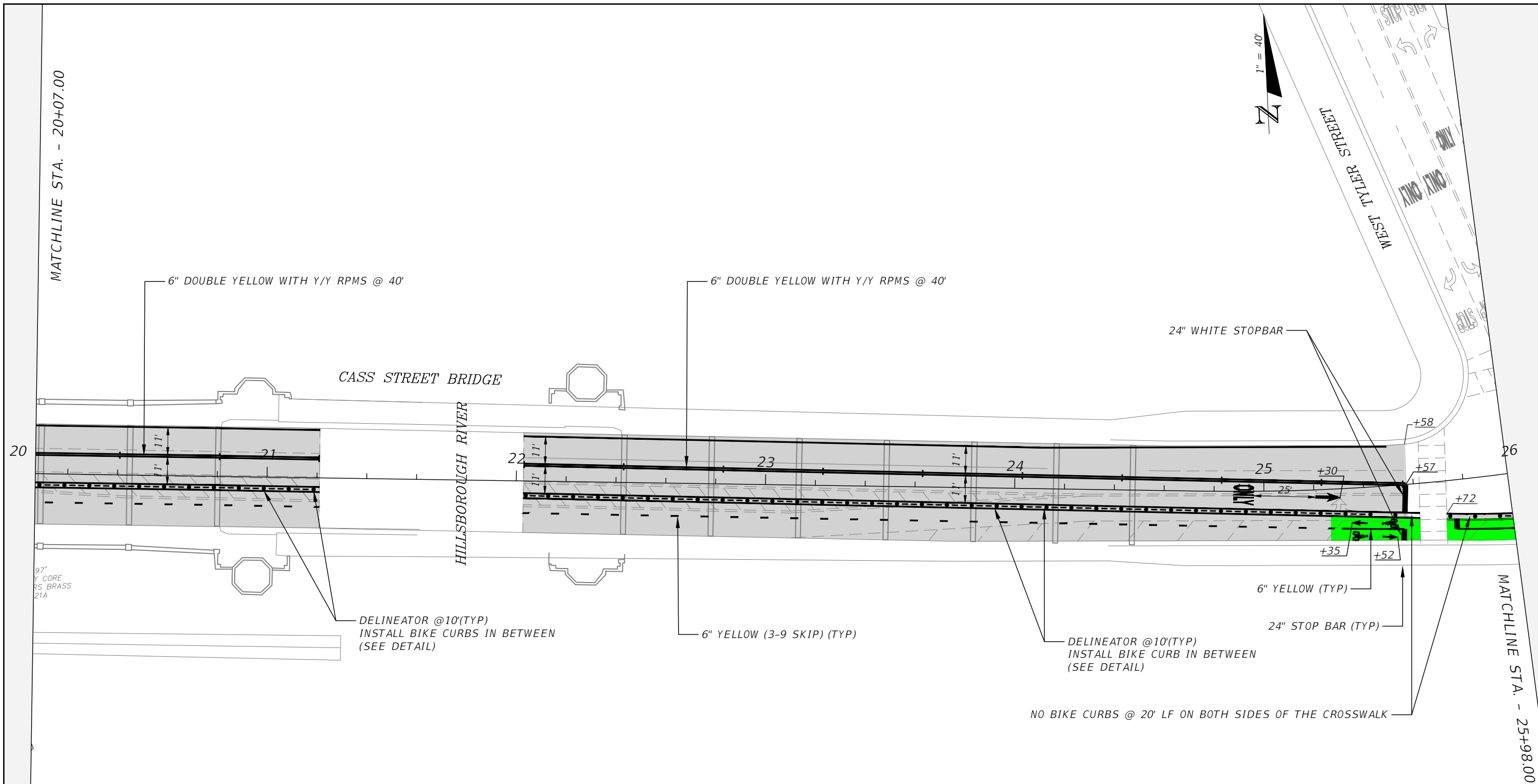
CALVIN K. HARDIE, P.E.
 P.E. LICENSE NUMBER 74590
 CITY OF TAMPA
 306 E JACKSON ST
 TAMPA, FL 33602
 CERTIFICATE OF AUTHORIZATION ----

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CASS STREET	HILLSBOROUGH	0000

SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.
05

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- NOTES:**
1. DELINEATORS AND BIKE CURB SHOULD BE INSTALLED BY EXPOXY ON CONCRETE APPROACHES
 2. INSTALL CROSSWALKS PAVEMENT MARKINGS WHICH HAVE BEEN MILLED OUT.
 3. CASS AND TYLER VIDEO VEHICLE DETECTION: DETECTION ZONE MUST BE ADJUSTED FOR EASTBOUND FROM TWO LANES TO ONE. CONTACT SIGNAL OPERATIONS GROUP, DAVID WORLEY, TRAFFIC SIGNAL SUPERVISOR, 813-393-8425, david.worley@tampagov.net

■ MILLING AND RESURFACING LIMITS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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CALVIN K. HARDIE, P.E.
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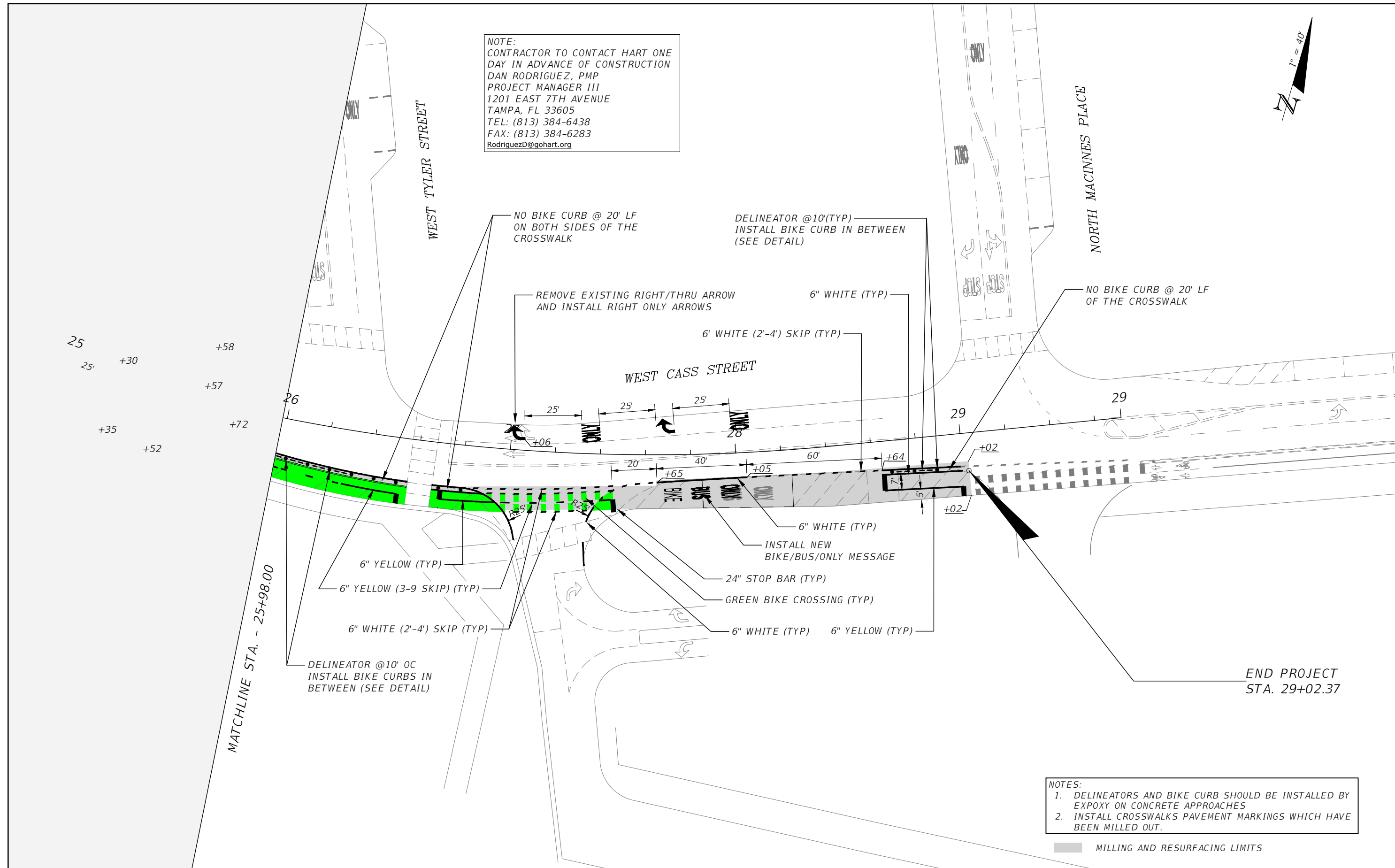
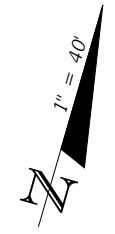
CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CASS STREET	HILLSBOROUGH	0000

SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.
06

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 PROJECT MANAGER III
 1201 EAST 7TH AVENUE
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 TEL: (813) 384-6438
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■ MILLING AND RESURFACING LIMITS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CALVIN K. HARDIE, P.E.
 P.E. LICENSE NUMBER 74590
 CITY OF TAMPA
 306 E JACKSON ST
 TAMPA, FL 33602
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CITY OF TAMPA MOBILITY DEPARTMENT		
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CASS STREET	HILLSBOROUGH	0000

SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.
 07

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