CITY OF TAMPA
MOBILITY DEPARTMENT

CONTRACT PLANS

FINANCIAL PROJECT ID 439476-3-58-01
(FEDERAL FUNDS)

E/W GREEN SPINE CYCLE TRACK -
PH. 3B FROM 7TH AVE. TO 13TH AVE.

INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
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S-3	SIGNING AND PAVEMENT MARKING DETAILS
S-4	GENERAL NOTES
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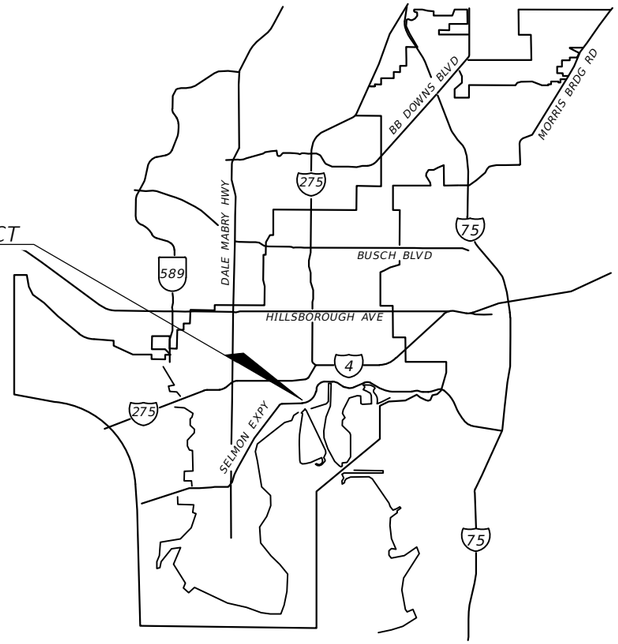
LOCATION OF PROJECT



SIGNING AND PAVEMENT MARKING PLANS

FINAL SUBMITTAL
SEPTEMBER 24, 2021

M. FATHY ABDALLA
No.63914
STATE OF FLORIDA
PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY
Mohamed F Abdalla 2021.09.27 16:42:47 -04'00'
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.

KISINGER CAMPO & ASSOCIATES CORP.
201 N FRANKLIN ST, SUITE 400,
TAMPA, FL 33602

FATHY ABDALLA, P.E. NO. 63914

CITY OF TAMPA PROJECT MANAGER:

NINA S MABILLEAU E.I.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
21-C-00022	2021	S-1

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

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS — NUCCIO PARKWAY/12th AVE/15th St from 7th AVE to 13th AVE														TOTAL THIS SHEET		GRAND TOTAL	
			S-5		S-6		S-7		S-8		S-9											
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
523-1-3	PATTERNED PAVEMENT, INCLUDING GREEN BIKE LANES	SY	44		84						22						150					
700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	1		2						2						5					
700-1-18	SINGLE POST SIGN, F&I GROUND MOUNT, IN-STREET FLEXIBLE POST SIGN	AS	3		4						1						8					
700-1-50	SINGLE POST SIGN, RELOCATE	AS	1														1					
700-1-60	SINGLE POST SIGN, REMOVE	AS									1						1					
705-11-3	DELINEATOR, FLEXIBLE HIGH VISABILITY MEDIAN	EA	5		5						1						11					
710-90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS																				
*	RAISED PAVEMENT MARKER, TYPE B	EA			5						20						25					
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.044		0.072		0.087		0.097		0.094						0.394					
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM			0.006						0.026						0.032					
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	70		410												480					
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF									32						32					
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	17		405						19						441					
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE, 6"	GM	0.064		0.113												0.177					
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 6-10 SKIP, 6"	GM			0.015												0.015					
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	6		10						2						18					
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	6		14						3						23					
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.069		0.130		0.087		0.097		0.086						0.469					
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF									32						32					
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6"	GM					0.087		0.097								0.184					
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	18		18						4						40					
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	70		410												480					
711-11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF			30						33						63					
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	17		65						19						101					
711-11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.064		0.128						0.060						0.252					
711-11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA									2						2					
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	6		14						3						23					
711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF									32						32					
711-14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF			340												340					
711-14-160	THERMOPLASTIC, PREFORMED, WHITE, SYMBOL (BIKE)	EA	6		10						2						18					
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.044		0.072		0.087		0.097		0.094						0.394					
711-16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM			0.006						0.026						0.032					
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.069		0.130		0.087		0.097		0.086						0.469					
711-16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6", 10-30 SKIP	GM																				
	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6", 3-9 SKIP	GM	0.025		0.035		0.087		0.097		0.059						0.303					

* THESE QUANTITIES ARE PAID FOR UNDER PAINTED PAVEMENT MARKINGS (FINAL SURFACE), LUMP SUM – ITEM NO. 710-90. THE QUANTITIES SHOWN ARE FOR ONE APPLICATION; SEE SPECIFICATION 710 FOR THE NUMBER OF APPLICATIONS REQUIRED.

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

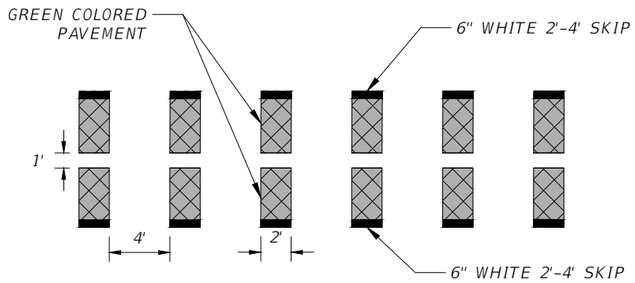
KISINGER CAMPO & ASSOCIATES CORP.
201 N FRANKLIN ST, SUITE 400,
TAMPA, FL 33602
ENGINEER OF RECORD:
FATHY ABDALLA, P.E. NO: 63914

CITY OF TAMPA
MOBILITY DEPARTMENT

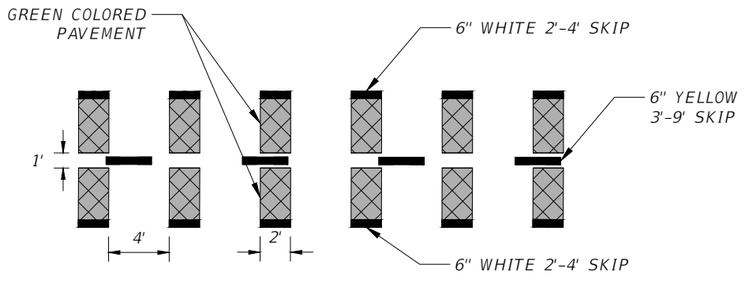
ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

TABULATION OF QUANTITIES

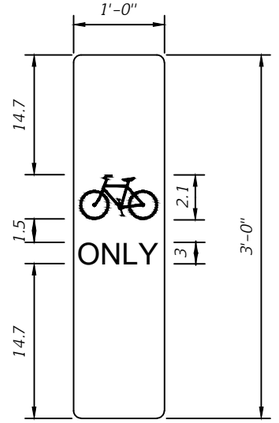
SHEET NO. S-2



TYPICAL INTERSECTION BIKE CROSSING DETAIL
(PAY ITEM 523-1-3)
(NTS)



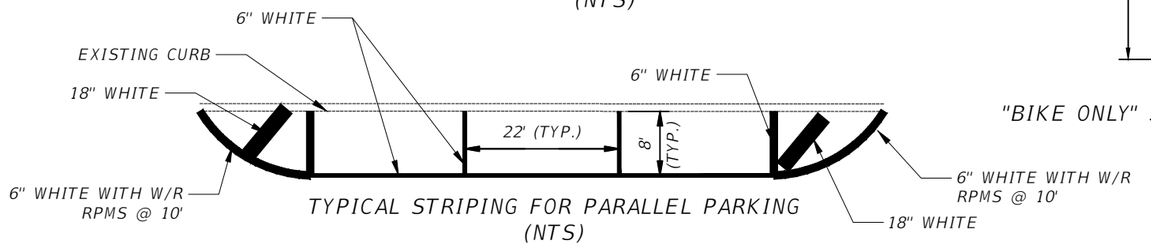
TYPICAL DRIVEWAY BIKE CROSSING DETAIL
(PAY ITEM 523-1-3)
(NTS)



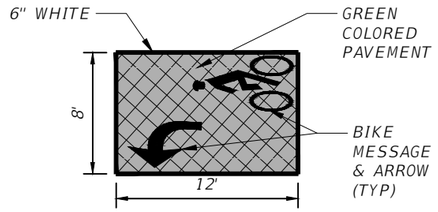
SIGN GM-1
"BIKE ONLY" SYMBOL SIGN DETAIL
(NTS)

FABRICATE SPECIAL 12"X36" "BIKE ONLY" SYMBOL SIGN ON REFLECTING SHEETING AND AFFIX IT TO THE REFLECTIVE SHEETING AREA ON THE FACE OF THE FLEXIBLE VERTICAL PANEL. SIGN PANEL SHALL BE WHITE SIGN WITH BLACK LEGEND.

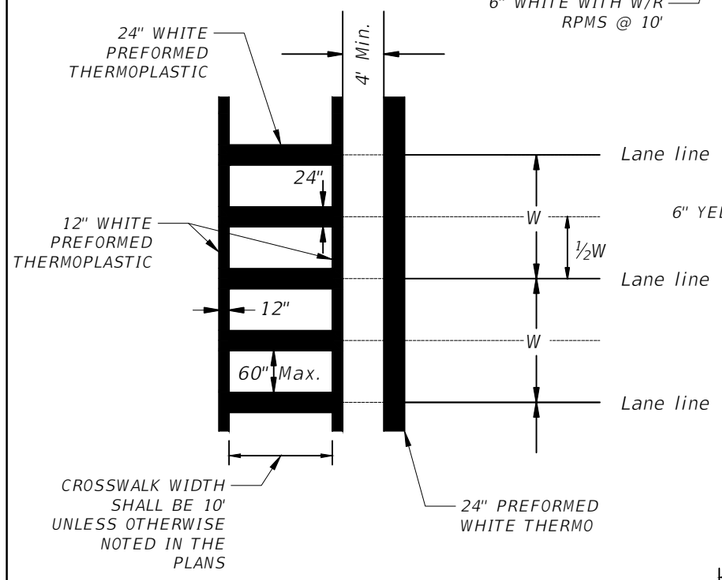
ALL COSTS ASSOCIATED WITH THE FABRICATION AND INSTALLATION OF THIS SIGN AND MOUNTING SHALL BE INCLUDED IN PAY ITEM 700-1-18.



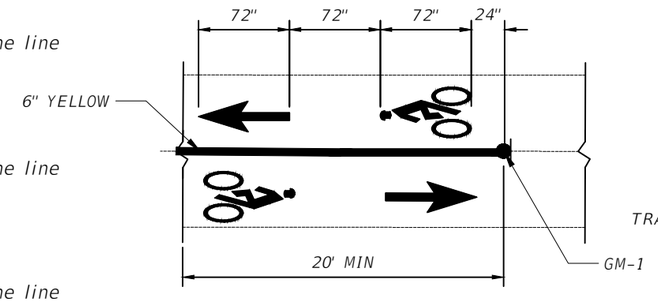
TYPICAL STRIPING FOR PARALLEL PARKING
(NTS)



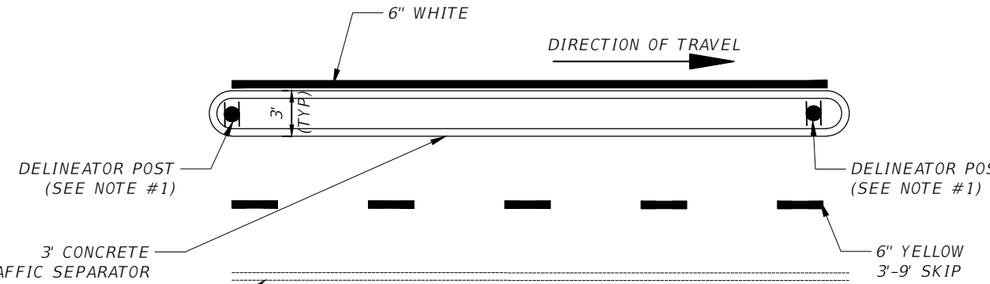
TYPICAL 2-STAGE BIKE BOX DETAIL
(NTS)



TYPICAL CROSSWALK DETAIL
(NTS)

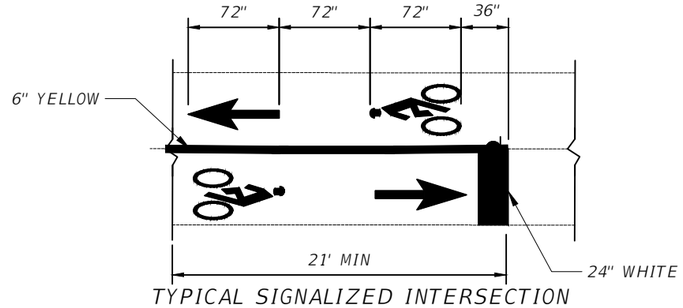


TYPICAL INTERSECTION MARKINGS DETAIL
(NTS)

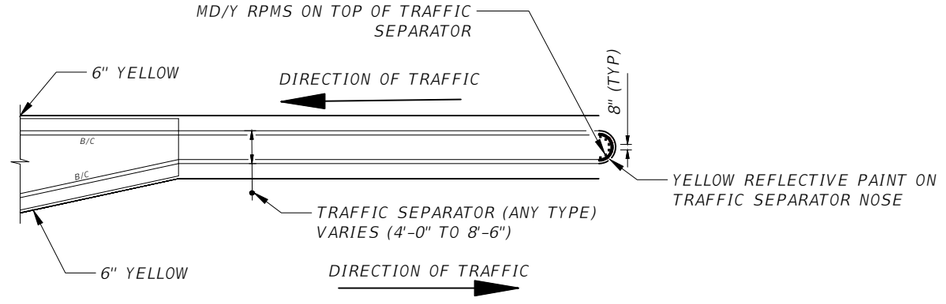


TYPICAL DELINEATOR PLACEMENT DETAIL
(NTS)

PEDESTRIAN MARKING DETAIL
(NTS)



TYPICAL SIGNALIZED INTERSECTION
MARKINGS DETAIL (NTS)



RPM PLACEMENT AT TRAFFIC SEPARATORS
DETAIL (NTS)

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REVISIONS			
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KISINGER CAMPO & ASSOCIATES CORP.
201 N FRANKLIN ST, SUITE 400,
TAMPA, FL 33602
ENGINEER OF RECORD:
FATHY ABDALLA, P.E. NO: 63914

CITY OF TAMPA
MOBILITY DEPARTMENT

ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

SIGNING & PAVEMENT MARKING DETAILS

SHEET NO. S-3

Liviu Dosan 9/24/2021 10:54:30 AM

g:\2201706 green spine cycle track-cot\Civil\autocad-current\GNNTSP01-CITY - DA Work.dwg

GENERAL NOTES:

1. USE YELLOW RETRO-REFLECTIVE SHEETING ON BOTH SIDES OF THE DELINEATOR. INSTALL THE POST SO THAT THE TOP IS 4' ABOVE THE GRADE AT THE EDGE OF THE PAVEMENT.

2. ALL PEDESTRIAN/BICYCLE WARNING SHALL BE IN ACCORDANCE WITH THE MUTCD, SECT. 1A-12, COLOR CODE "F"-FLUORESCENT YELLOW-GREEN.

3. PAVEMENT MARKINGS ON ASPHALT PAVEMENT SHALL BE STANDARD THERMOPLASTIC EXCEPT FOR BICYCLE MARKINGS AND SPECIAL EMPHASIS CROSSWALKS. USE PREFORMED THERMOPLASTIC FOR BICYCLE MARKINGS AND SPECIAL EMPHASIS CROSSWALKS.

4. UNLESS OTHERWISE NOTED ON PLAN SHEETS, ALL PROPOSED CROSSWALKS ACROSS MAIN STREETS SHALL BE 10' IN WIDTH AND ALL CROSSWALKS ACROSS SIDE STREETS SHALL BE 6' IN WIDTH. MEASUREMENTS SHALL BE FROM INSIDE TO INSIDE OF 12" STRIPES.

5. PAY ITEM FOOT NOTE
   710-90 SHALL INCLUDE ALL PAVEMENT MARKINGS APPLICATIONS NEEDED BEFORE APPLYING THE THERMOPLASTIC APPLICATION.

6. ALL BRICK STREETS AND GRANITE CURBS SHALL BE RETAINED AND PRESERVED IN PLACE.

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CITY OF TAMPA
MOBILITY DEPARTMENT

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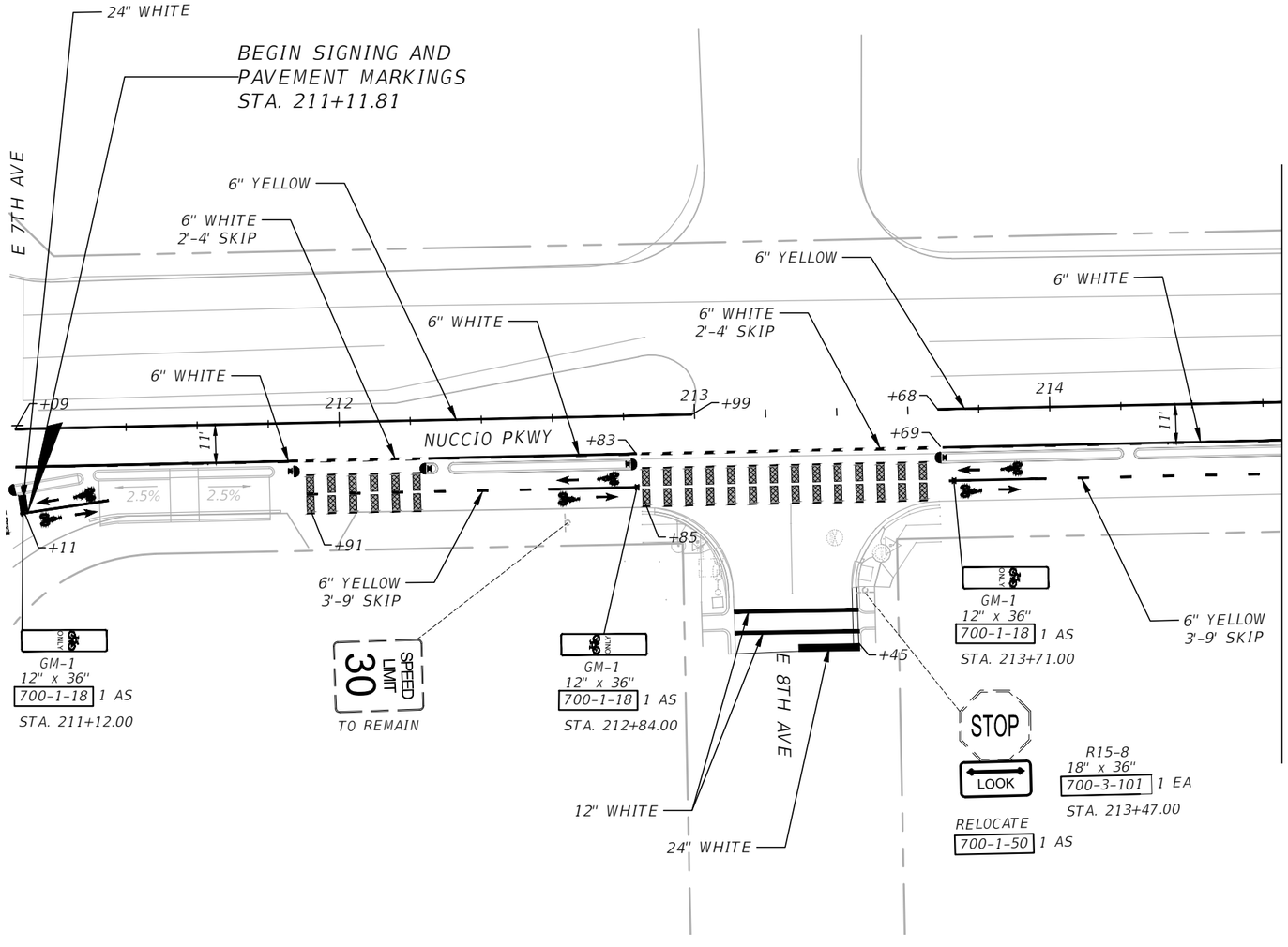
	HILLSBOROUGH	21-C-00022

GENERAL NOTES

SHEET NO.
S-4

1"=40'

0 10 20 40 Feet



NOTE:
SEE SHEET S-3 FOR DELINEATOR PLACEMENT DETAIL AND TYPICAL INTERSECTION MARKINGS DETAIL

705-11-3 5 EA

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CITY OF TAMPA
MOBILITY DEPARTMENT

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	HILLSBOROUGH	21-C-00022

SIGNING AND PAVEMENT MARKING PLAN (1)

SHEET NO. S-5

1" = 40'

0 10 20 40 Feet

MATCH LINE STA. 214+65

NUCCIO PKWY

215 216 217 218

+47 +52 +28 +04 +82 +70 +76 +88 +86 +92 +74

5' 5'

2.5% 2.5%

6" YELLOW

6" WHITE 2'-4' SKIP

TO REMAIN

ONE WAY

6" WHITE 6'-10' SKIP

6" YELLOW

R/W LINE

YELLOW REFLECTIVE PAINT (TYP.)

6" WHITE WITH W/R RPM'S @20'

6" WHITE

12" WHITE

+05

GM-1
12" x 36"
700-1-18 1 AS
STA. 215+48.00

TO REMAIN

ENTER DO NOT ONE WAY

TO REMAIN

ENTER DO NOT

TO REMAIN

STOP LOOK

R15-8
18" x 36"
700-3-101 1 EA
STA. 216+05.00

18" YELLOW @ 10'

8" YELLOW WITH W/R RPMS @ 10'

E 9TH AVE

6" WHITE

24" WHITE

8" WHITE WITH W/R RPMS @ 10'

ONLY

GM-1
12" x 36"
700-1-18 1 AS
STA. 216+29.00

6" YELLOW 3'-9' SKIP

GM-1
12" x 36"
700-1-18 1 AS
STA. 217+69.00

24" WHITE

TO 15 BEYOND TURNING

R10-15R (M)
30" x 30"
700-1-11 1 AS
STA. 217+74.00

R/W LINE

E PALM AVE

R/W LINE

6" YELLOW

6" WHITE

6" WHITE 2'-4' SKIP

6" WHITE

+94 +08 +69 +70

E 12TH AVE

220

10'

6" YELLOW 3'-9' SKIP

MATCH LINE STA. 220+10.00

GM-1
12" x 36"
700-1-18 1 AS
STA. 219+09.00

NO TURN ON RED

R10-11
24" x 30"
700-1-11 1 AS
STA. 218+72.00

NOTE:
SEE SHEET S-3 FOR DELINEATOR PLACEMENT DETAIL AND TYPICAL INTERSECTION MARKINGS DETAIL

705-11-3 5 EA

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ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

SIGNING AND PAVEMENT MARKING PLAN (2)

SHEET NO. S-6

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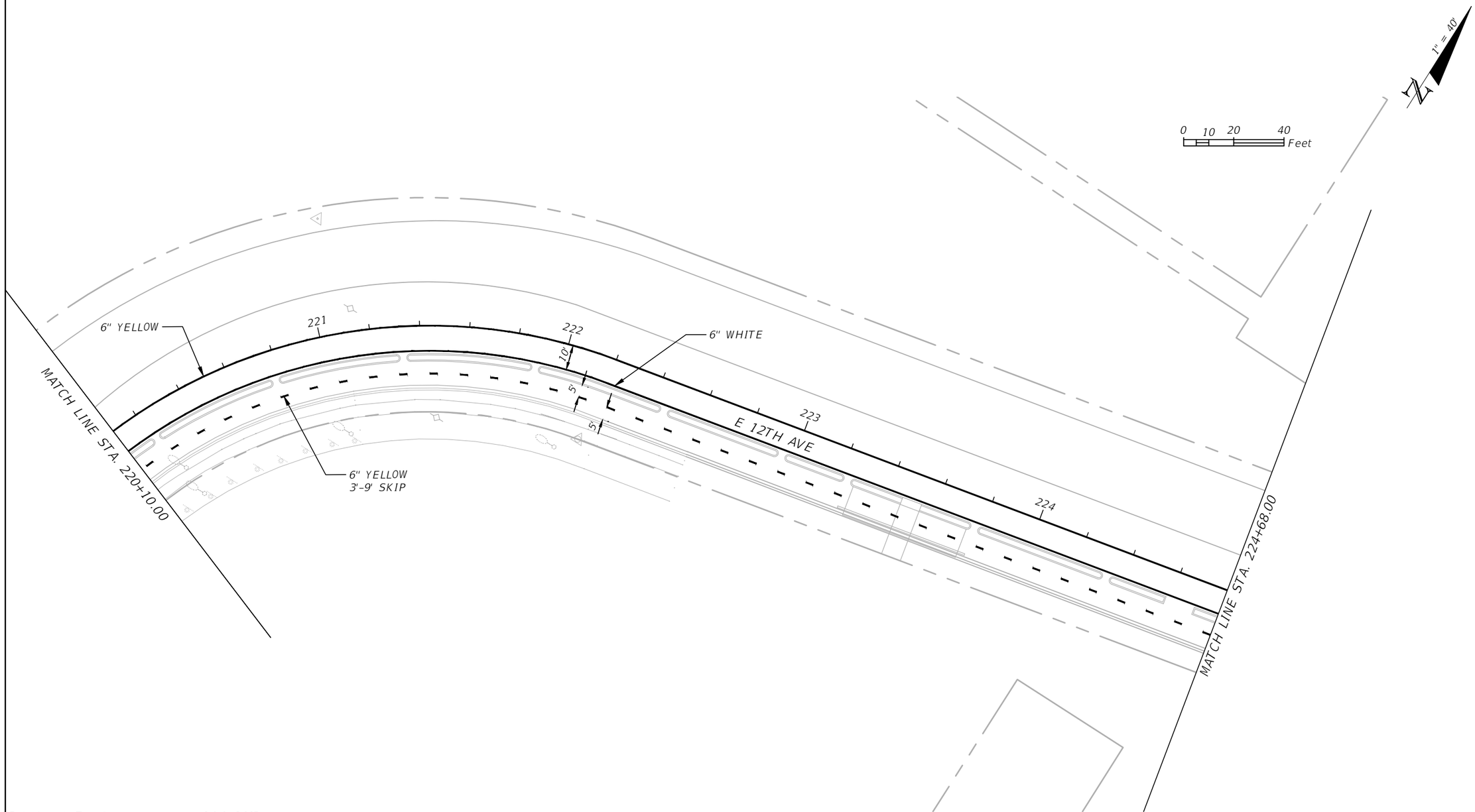

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ENGINEER OF RECORD:
FATHY ABDALLA, P.E. NO: 63914

CITY OF TAMPA
MOBILITY DEPARTMENT

ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

SIGNING AND PAVEMENT MARKING PLAN (3)

SHEET NO.
S-7

Liviu Dosan 9/24/2021 10:55:36 AM

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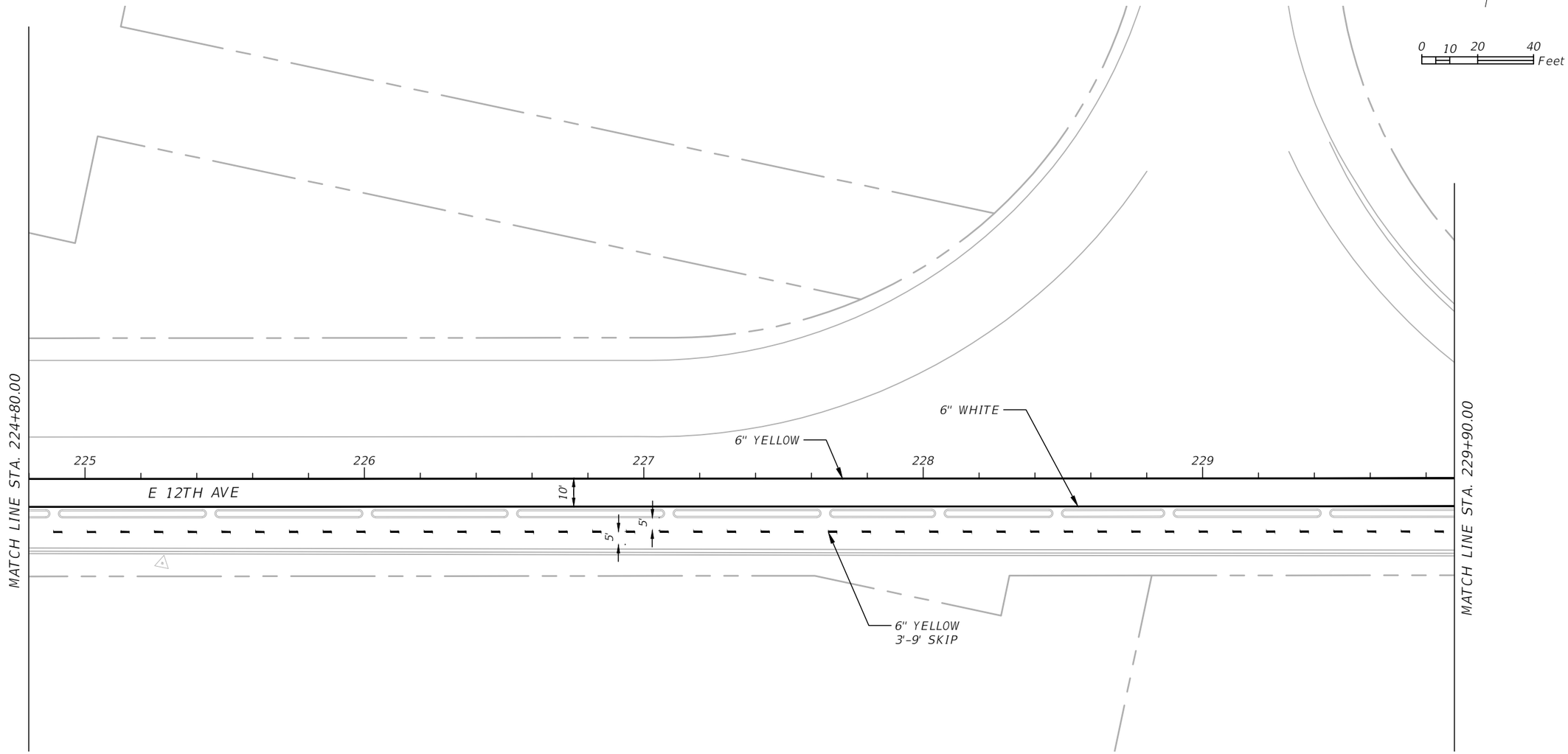

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CITY OF TAMPA
MOBILITY DEPARTMENT

ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

SIGNING AND PAVEMENT MARKING PLAN (4)

SHEET NO.
S-8

Liviu Dosan 9/24/2021 10:55:46 AM

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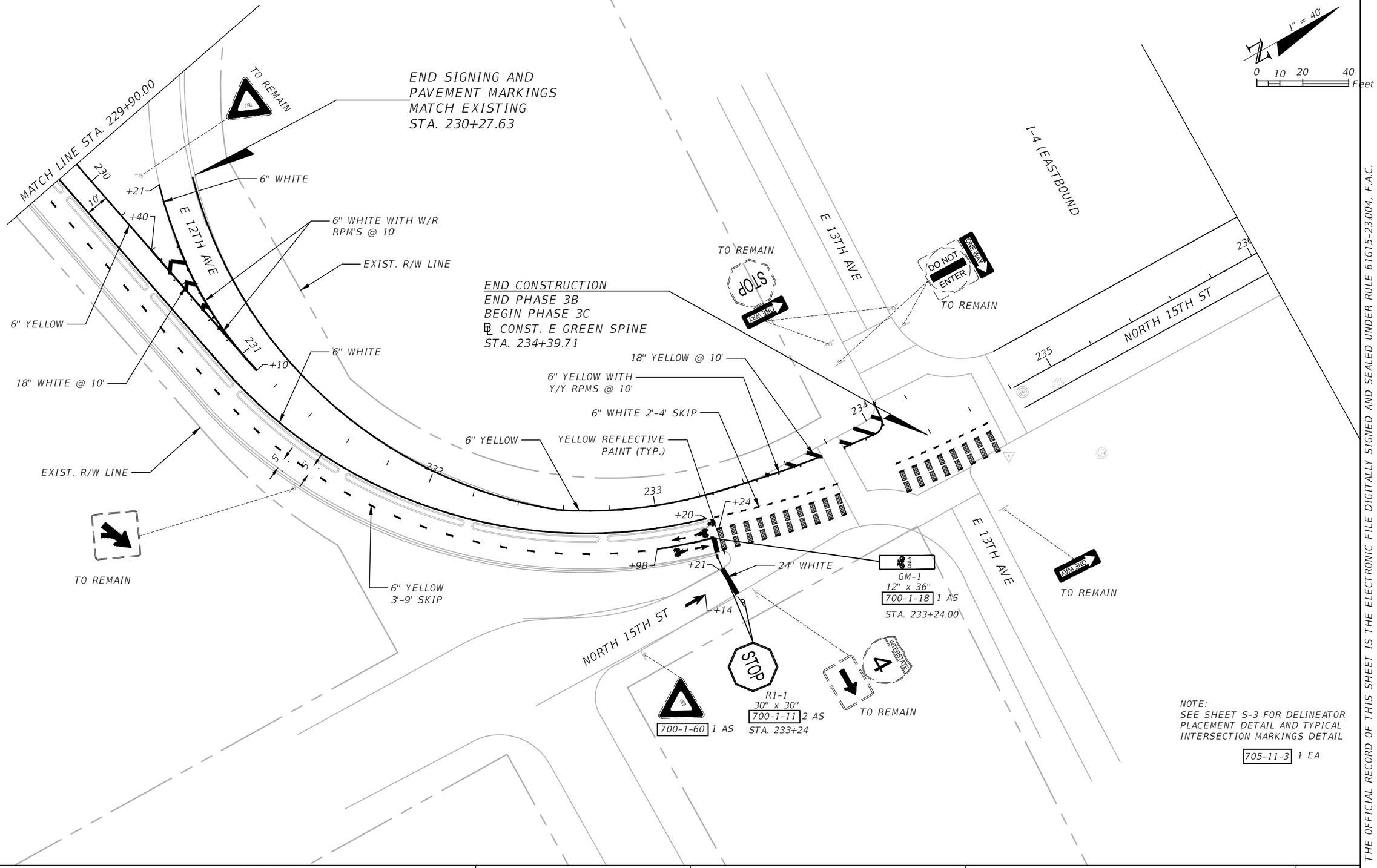

NOTE:
SEE SHEET S-3 FOR DELINEATOR PLACEMENT DETAIL AND TYPICAL INTERSECTION MARKINGS DETAIL

705-11-3 1 EA

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	HILLSBOROUGH	21-C-00022

SIGNING AND PAVEMENT MARKING PLAN (5)

SHEET NO. S-9

Liviu Dosan 9/24/2021 10:55:56 AM

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