

COMPONENTS OF CONTRACT PLANS SET
ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS

CITY OF TAMPA
MOBILITY DEPARTMENT

SIGNING AND PAVEMENT MARKING PLANS

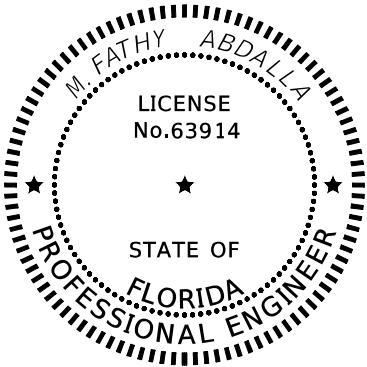
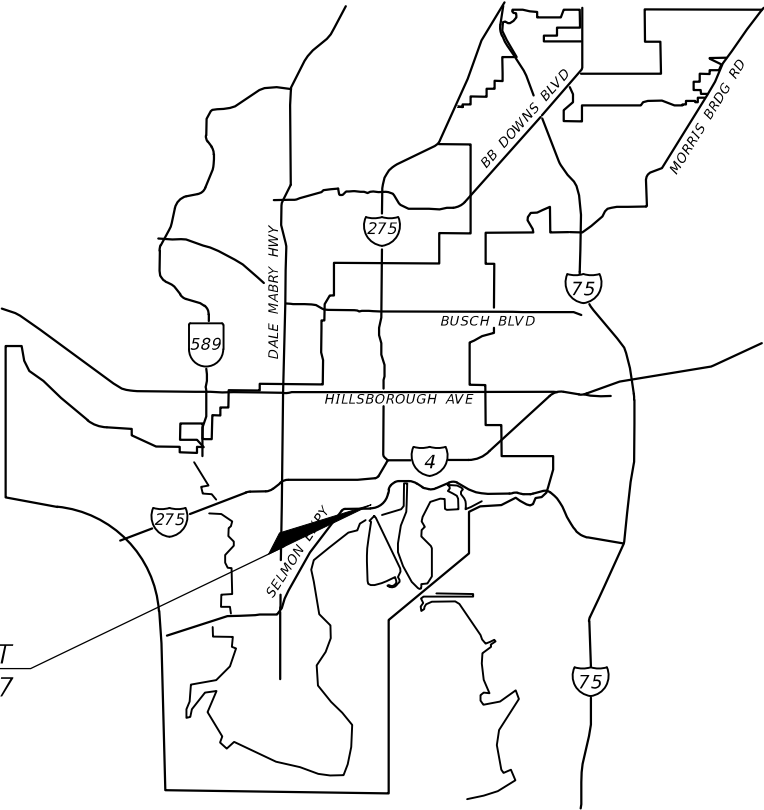
INDEX OF SIGNING AND PAVEMENT MARKING
PLANS

SHEET NO.	SHEET DESCRIPTION
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FINANCIAL PROJECT ID: 439476-5-58-01
(FEDERAL FUNDS)
FINANCIAL PROJECT ID: 439476-5-58-02
(LOCAL FUNDS)

E/W GREEN SPINE CYCLE TRACK -
PHASE 2A - CASS ST. FROM HOWARD AVE TO ROME AVE

LOCATION OF PROJECT
<https://goo.gl/maps/HAVuordP71B2HHj37>



THIS ITEM HAS BEEN DIGITTALY SIGNED AND SEALED BY:

M. Fathy Abdalla 2025.03.10
15:38:23-04'00'

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.

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

SIGNING AND PAVEMENT
MARKINGS PLANS
ENGINEER OF RECORD:

M. FATHY ABDALLA, P.E.
P.E. NO.: 63914
COMPANY NAME: KISINGER CAMPO & ASSOCIATES CORP
201 N FRANKLIN RD, SUITE 400
TAMPA, FL, 33602
(813) 871-5331
CONTRACT NO.: 17-D-00022
VENDOR NO.: 59-1677145

CITY OF TAMPA PROJECT
MANAGER:
NINA S. MABILLEAU, E.I.

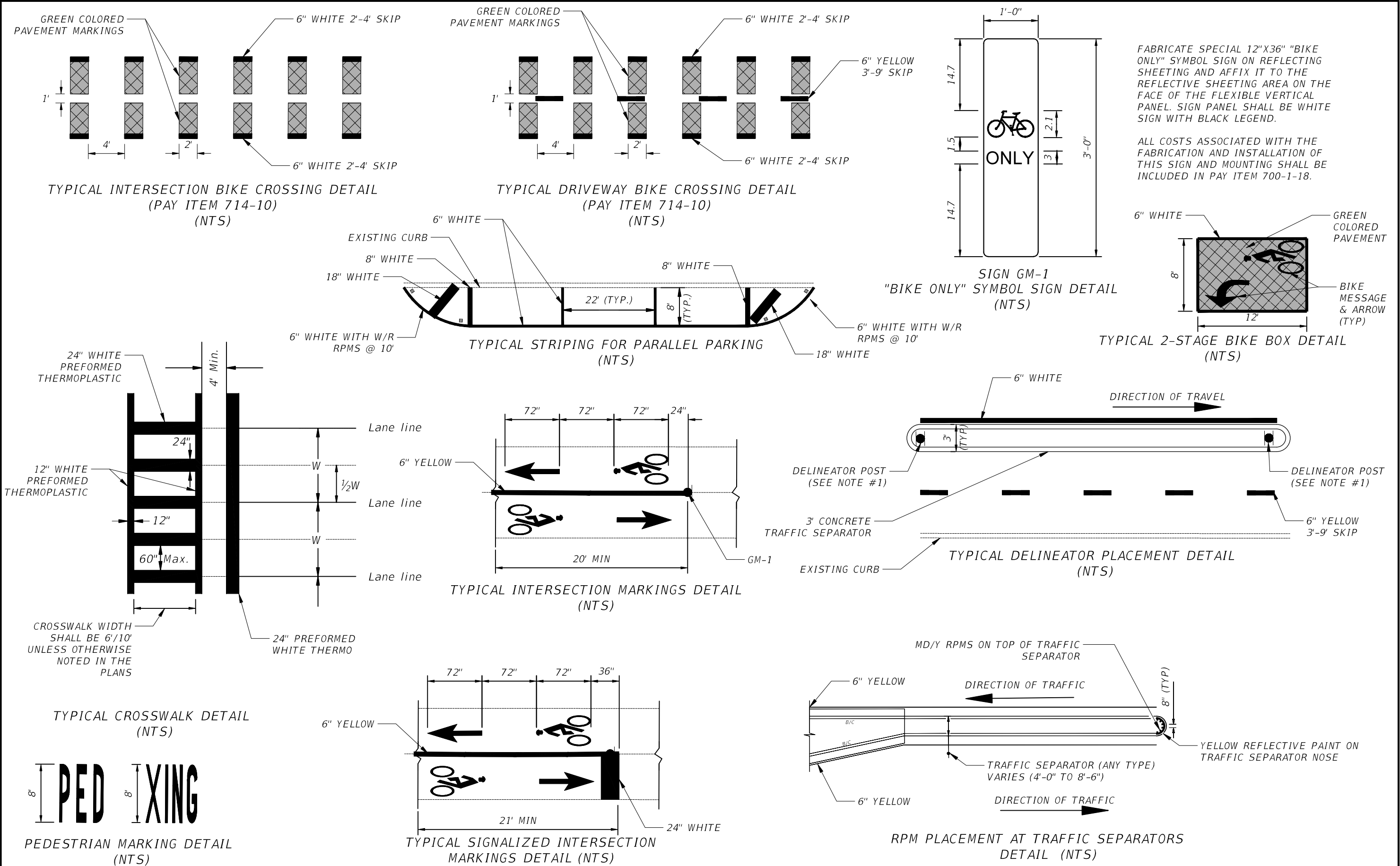
CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
24-C-00002	25	S-1

GOVERNING DESIGN STANDARD:
FLORIDA DEPARTMENT OF TRANSPORTATION, FY2024-25 DESIGN STANDARDS
EBOOK (DSEB) AND APPLICABLE DESIGN STANDARDS REVISIONS (DSRS) AT
THE FOLLOWING WEBSITE:
<http://www.fdot.gov/roadway/DesignStandards/Standards.shtm>

GOVERNING STANDARD SPECIFICATIONS:
CITY OF TAMPA AND FLORIDA DEPARTMENT OF TRANSPORTATION, FY2024-25
DIVISION II AT THE FOLLOWING WEBSITE:
<https://www.Fdot.gov/programmanagement/Implemented/SpecBooks>

TABULATION OF QUANTITIES																																				
PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL																	
			15TH STREET FROM 13TH AVE TO 21ST STREET																																	
			S-5		S-6		S-7		S-8																											
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL																		
654-2-28	MIDBLOCK CROSSWALK: REC RAPID FLASHING BEACON, FURNISH/INSTALL- SOLAR, SIGN ASSEMBLY- BACK-BACK ACCESSIBLE DETECTOR	AS					2										2		2																	
700-1-111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	1		1		4										6		6																	
700-1-18	SINGLE POST SIGN, F&I GROUND MOUNT, IN-STREET FLEXIBLE POST SIGN	AS	1		2		2		1								6		6																	
700-1-500	SINGLE COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	1														1		1																	
700-1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	1		1		3		2								7		7																	
705-11-3	DELINEATOR, FLEXIBLE HIGH VISABILITY MEDIAN	EA	11		9		13		5								38		38																	
706-1-3	RAISED PAVEMENT MARKER, TYPE B (W/R)	EA	16		17		25		14								174		174																	
	RAISED PAVEMENT MARKER, TYPE B (Y/Y)	EA	24		30		36		12																											
710-11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	42		32		46		21								141		141																	
710-90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS															1		1																	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.092		0.134		0.162		0.080								0.468		0.468																	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.006		0.006		0.016		0.015								0.043		0.043																	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF			73		185										258		258																	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	98		115		143		81								437		437																	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	14		17		49		15								95		95																	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE, 6"	GM	0.188		0.218		0.134		0.038								0.579		0.579																	
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.196		0.217		0.229		0.099								0.741		0.741																	
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	0.089		0.083		0.086		0.042								0.300		0.300																	
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF			73		185										258		258																	
711-11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	98		115		143		81								437		437																	
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	14		17		49		15								95		95																	
711-11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.188		0.218		0.134		0.038								0.579		0.579																	
711-14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF			30		106										136		136																	
711-14-160	THERMOPLASTIC, PREFORMED, WHITE, SYMBOL (BIKE)	EA	2		4		4		2								12		12																	
711-14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	2		4		4		2								12		12																	
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.092		0.134		0.162		0.080								0.468		0.468																	
711-16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.006		0.006		0.016		0.015								0.043		0.043																	
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.196		0.217		0.229		0.099								0.741		0.741																	
711-16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6", 3-9 SKIP	GM	0.089		0.083		0.086		0.042								0.300		0.300																	
714-10	GREEN-COLORED PAVEMENT MARKINGS, BIKE LANE	SF	528		800		560		176								2064		2064																	
* 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.																																				
R E V I S I O N S					KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: M. FATHY ABDALLA, P.E. P.E. NO: 63914					CITY OF TAMPA MOBILITY DEPARTMENT					TABULATION OF QUANTITIES					SHEET NO.																
DATE	DESCRIPTION		DATE	DESCRIPTION																																
																				S-2																

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

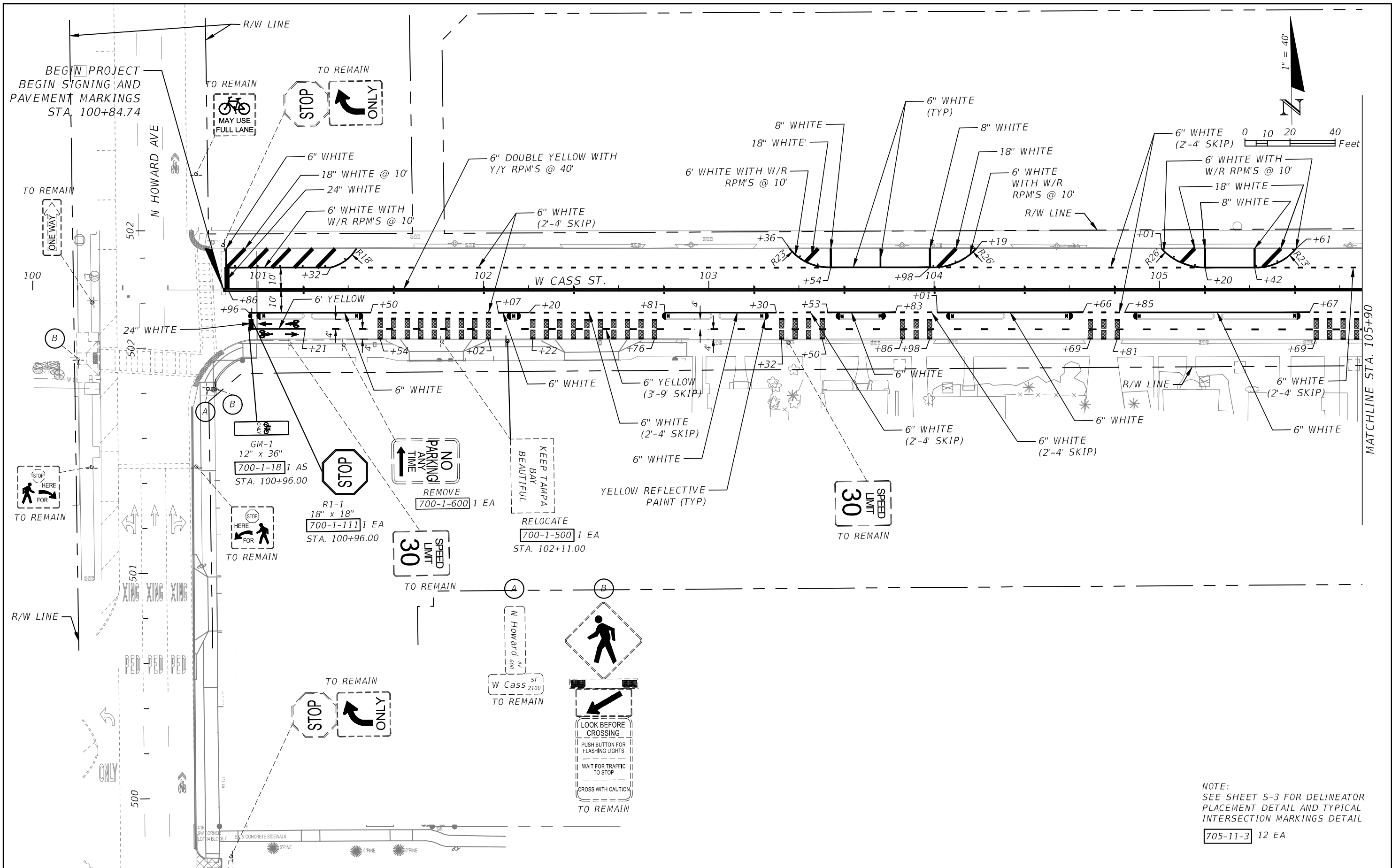


REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: M. FATHY ABDALLA, P.E. P.E. NO: 63914	CITY OF TAMPA MOBILITY DEPARTMENT			SIGNING AND PAVEMENT MARKING DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJ. ID. / CONTRACT NO.		S-3
					CASS ST.	HILLSBOROUGH	439476-5-58-01 17-D-00022		

GENERAL NOTES:

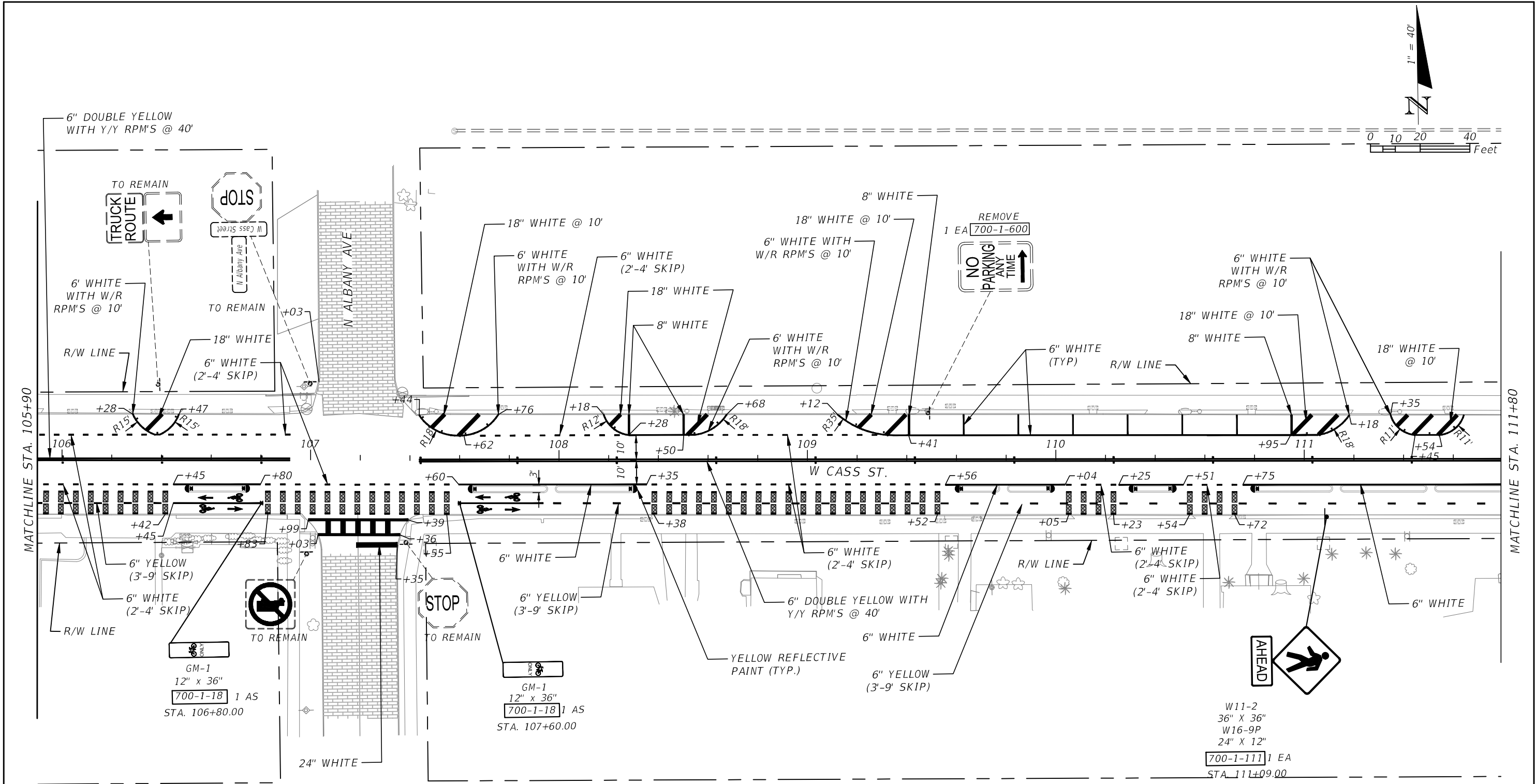
- 1. USE YELLOW RETRO-REFLECTIVE SHEETING ON BOTH SIDES OF THE DELINEATOR. INSTALL THE POST SO THAT THE TOP IS 4' ABOVE THE GRADE AT THE EDGE OF THE PAVEMENT.
- 2. ALL EXISTING SIGNS ARE TO REMAIN UNLESS OTHERWISE LABELED IN THE PLANS.
- 3. ALL PEDESTRIAN/BICYCLE WARNING SHALL BE IN ACCORDANCE WITH THE MUTCD, SECT. 1A-12, COLOR CODE "F"-FLUORESCENT YELLOW-GREEN.
- 4. 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.
- 5. 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.
- 6. PAY ITEM FOOT NOTE 710-90 SHALL INCLUDE ALL PAVEMENT MARKINGS APPLICATIONS NEEDED BEFORE APPLYING THE THERMOPLASTIC APPLICATION.
- 7. ALL BRICK STREETS AND GRANITE CURBS SHALL BE RETAINED AND PRESERVED IN PLACE.

R E V I S I O N S				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: M. FATHY ABDALLA, P.E. P.E. NO: 63914	CITY OF TAMPA MOBILITY DEPARTMENT			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJ. ID. / CONTRACT NO.		
					CASS ST.	HILLSBOROUGH	439476-5-58-01 17-D-00022		S-4



NOTE:
SEE SHEET S-3 FOR DELINEATOR
PLACEMENT DETAIL AND TYPICAL
INTERSECTION MARKINGS DETAIL
705-11-3 12 EA

REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: M. FATHY ABDALLA, P.E. P.E. NO: 63914	CITY OF TAMPA MOBILITY DEPARTMENT			SIGNING AND PAVEMENT MARKING PLAN (1)	SHEET NO. S-5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJ. ID. / CONTRACT NO.		
					CASS ST.	HILLSBOROUGH	439476-5-58-01 17-D-00022		

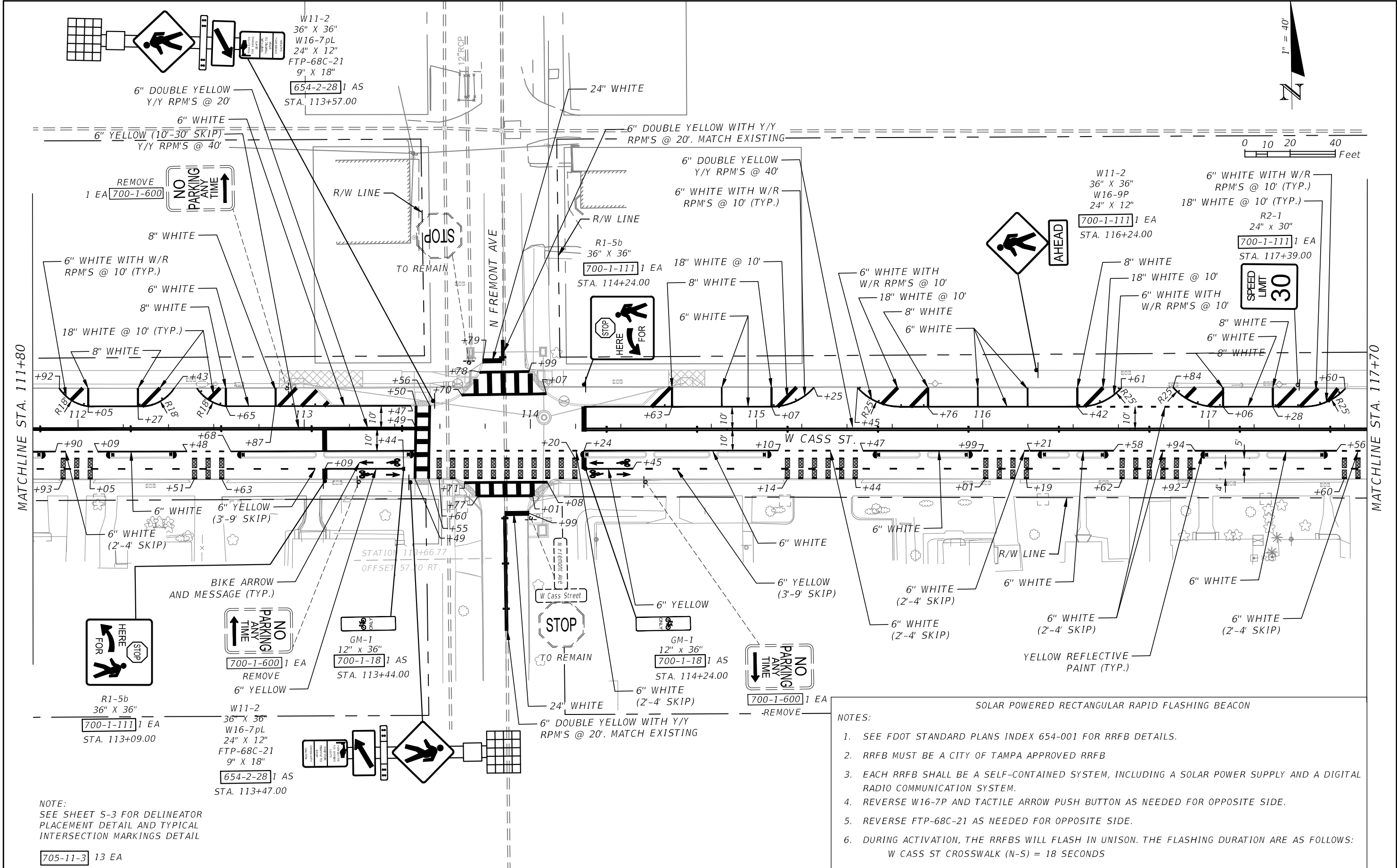


NOTE:
SEE SHEET S-3 FOR DELINEATOR
PLACEMENT DETAIL AND TYPICAL
INTERSECTION MARKINGS DETAIL

705-11-3 9 EA

REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: M. FATHY ABDALLA, P.E. P.E. NO: 63914	CITY OF TAMPA MOBILITY DEPARTMENT			SIGNING AND PAVEMENT MARKING PLAN (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJ. ID. / CONTRACT NO.		S-6
					CASS ST.	HILLSBOROUGH	439476-5-58-01 17-D-00022		

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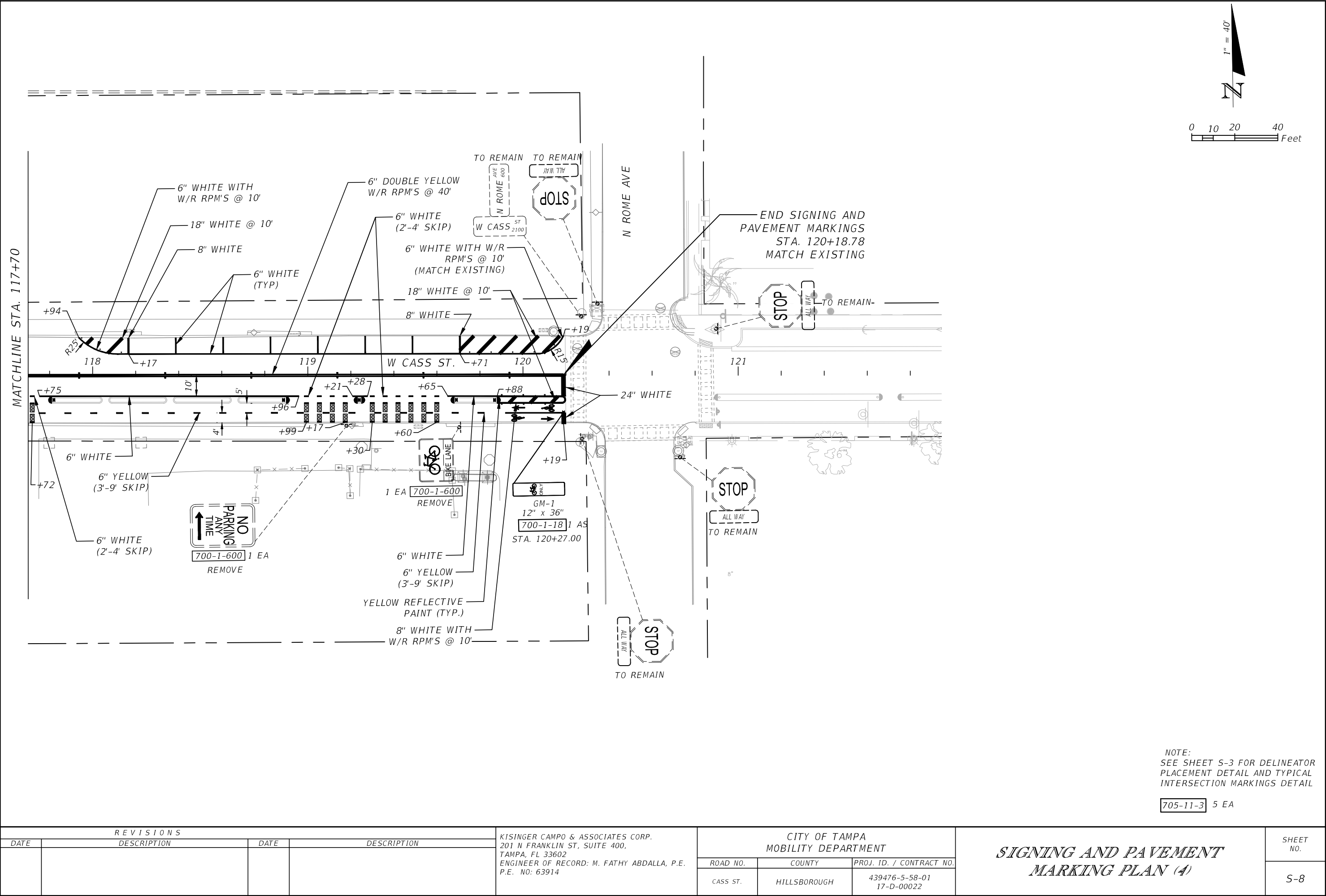
NOTE:
SEE SHEET S-3 FOR DELINEATOR
PLACEMENT DETAIL AND TYPICAL
INTERSECTION MARKINGS DETAIL

705-11-3 13 EA

- NOTES:
1. SEE FDOT STANDARD PLANS INDEX 654-001 FOR RRFB DETAILS.
 2. RRFB MUST BE A CITY OF TAMPA APPROVED RRFB
 3. EACH RRFB SHALL BE A SELF-CONTAINED SYSTEM, INCLUDING A SOLAR POWER SUPPLY AND A DIGITAL RADIO COMMUNICATION SYSTEM.
 4. REVERSE W16-7P AND TACTILE ARROW PUSH BUTTON AS NEEDED FOR OPPOSITE SIDE.
 5. REVERSE FTP-68C-21 AS NEEDED FOR OPPOSITE SIDE.
 6. DURING ACTIVATION, THE RRFBs WILL FLASH IN UNISON. THE FLASHING DURATION ARE AS FOLLOWS:
W CASS ST CROSSWALK (N-S) = 18 SECONDS

REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: M. FATHY ABDALLA, P.E. P.E. NO: 63914	CITY OF TAMPA MOBILITY DEPARTMENT			SHEET NO. S-7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJ. ID. / CONTRACT NO.	
					CASS ST.	HILLSBOROUGH	439476-5-58-01 17-D-00022	

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

705-11-3 5 EA

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	PROJ. ID. / CONTRACT NO.
CASS ST.	HILLSBOROUGH	439476-5-58-01 17-D-00022

SIGNING AND PAVEMENT MARKING PLAN (4)	
S-8	

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