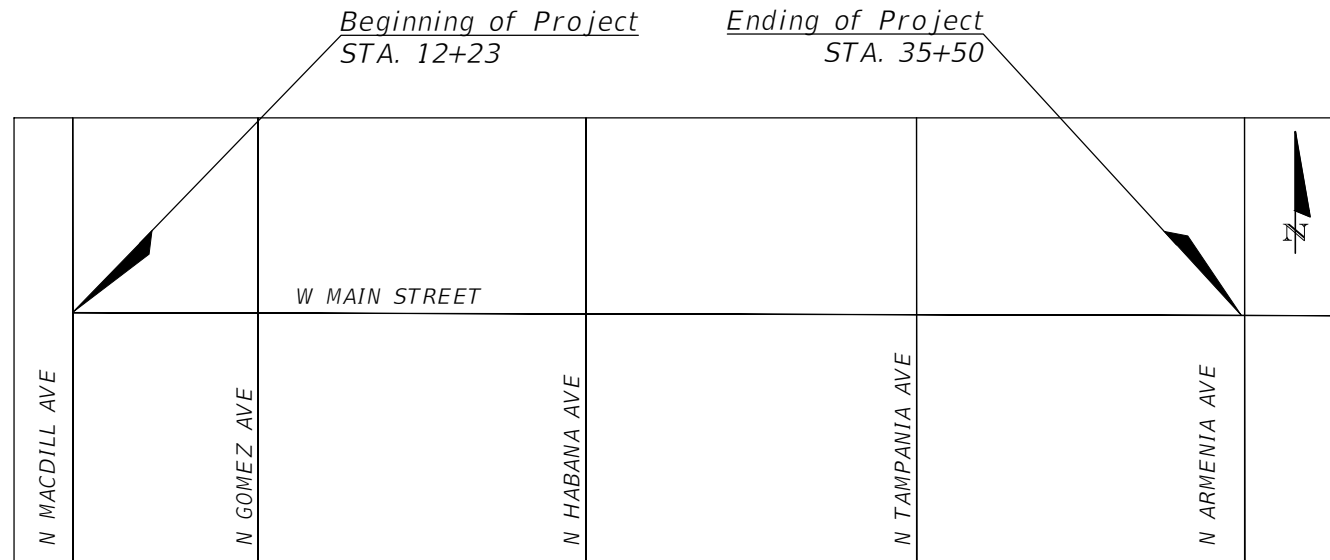
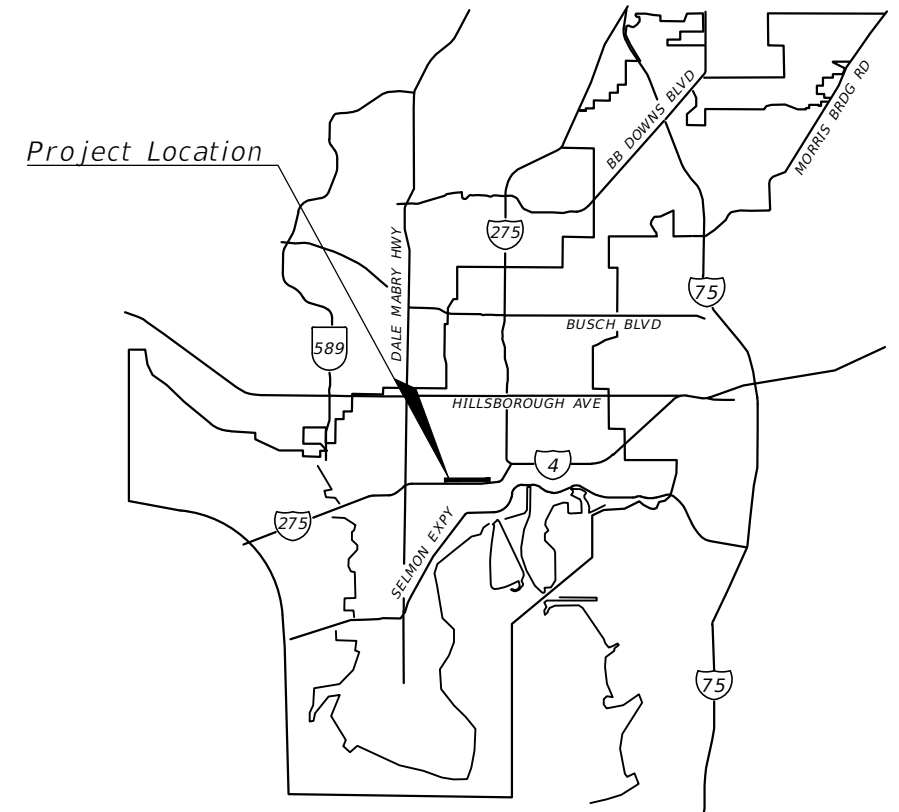


CITY OF TAMPA MOBILITY DEPARTMENT

SIGNING AND PAVEMENT MARKING PLANS

QUICK BUILD PROJECT WEST MAIN STREET N MACDILL AVE TO N ARMENIA AVE

TOTAL PROJECT
LENGTH 1/2 MILE

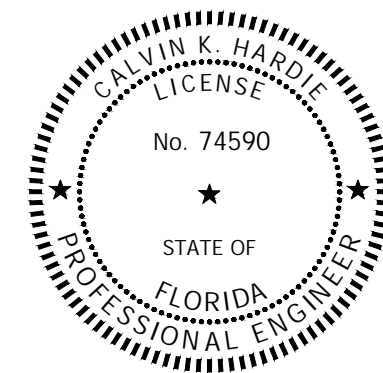


DESIGN SPEED LIMIT		
	POSTED SPEED	DESIGN SPEED
W MAIN STREET	25	25

SIGNING AND PAVEMENT MARKING PLANS	
SHEET	DESCRIPTION
KEY	KEY SHEET & VICINITY MAP
2	TABULATION OF QUANTITIES
3	GENERAL NOTES
4-6	DETAILS
7-11	SIGNING AND PAVEMENT MARKING PLANS

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.

FINAL PLANS



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.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T-0000	FY 23	KEY

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

SUMMARY OF PAY ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNITS	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
			P	F		
0711 11123	Thermoplastic, Standard, White, Solid, 12 For Crosswalk and Roundabout	LF	80.00			
0711 14125	Thermoplastic, Preformed, White, Solid, 24 For Stop Line And Crosswalk	LF	70.00			
0711 16101	Thermoplastic, Standard, Other Surfaces, White, Solid, 6"	LF	4918.00			
0711 16201	Thermoplastic, Standard, Other Surfaces, Yellow, Solid, 6"	LF	4224.00			
0711 11124	Thermoplastic, Standard, Other Surfaces, White, 18" For Diagonal Or Chevrons	LF	479.00			
0705 11 1	Tubular Marker, White, Durable, 36 Post	EA	43.00			
0711 14160	Thermoplastic, Preformed, Message or Symbol (Shared Lane Symbol)	EA	23			
	Quick Kurb	EA	75			
	Delinear Post	EA	102			
	Speed Cushion (Three Locations)	EA	3			
TOTAL			0.000000	0.000000		

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

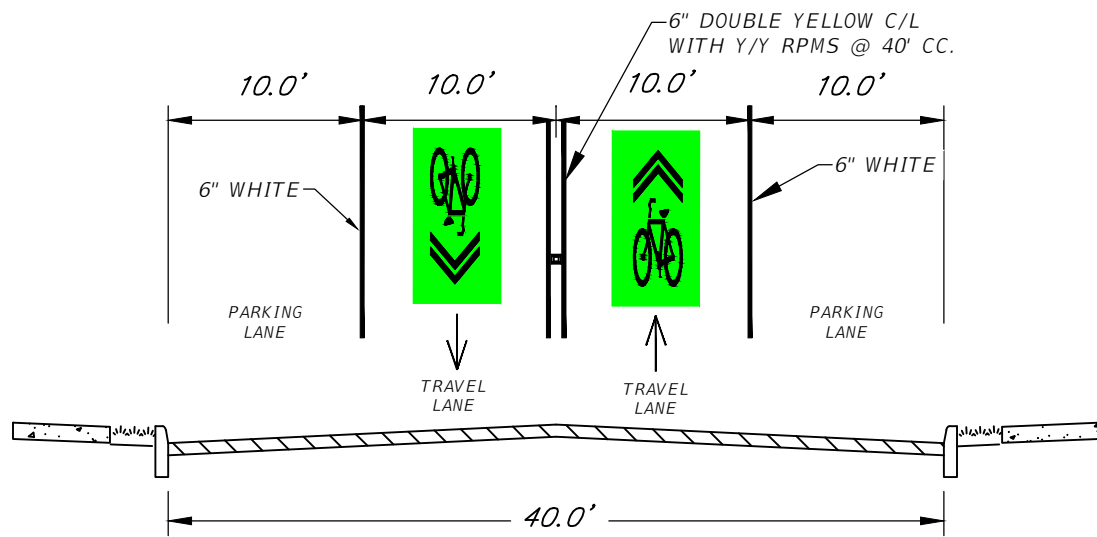
GENERAL NOTES

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. THIS 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.
7. IT IS UNLAWFUL FOR ANY PERSON TO STOP, STAND OR PARK A VEHICLE, WHETHER OCCUPIED OR NOT, WITHIN TEN (10) FEET FROM THE EDGE OF A PUBLIC OR PRIVATE DRIVEWAY.

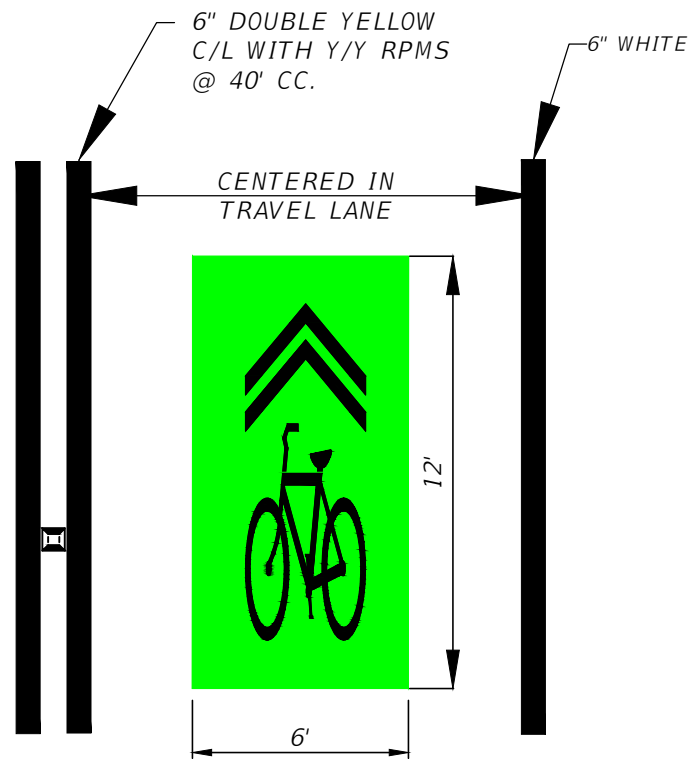
SIGNING AND PAVEMENT MARKING GENERAL NOTES:

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 THAT IS DISTURBED DURING CONSTRUCTION SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET AND METHOD OF INSTALLATION.
5. REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH CURRENT FDOT STANDARD INDEX 706-001.
6. 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.
7. WHEN UPGRADING OR INSTALLING PEDESTRIAN CROSSWALKS, PED RAMPS SHALL BE MADE ADA COMPLIANT IF NEEDED.
8. EXISTING SIGNS ARE TO REMAIN UNLESS OTHERWISE NOTED.
9. ALL EXISTING TRAFFIC SIGNS MUST BE MAINTAINED DURING CONSTRUCTION.
10. SIGN LOCATIONS SHOWN ARE APPROXIMATE. ANY FIELD ADJUSTMENT MUST BE AT THE DIRECTION OF THE CONSTRUCTION PROJECT MANAGER AND/OR THE ENGINEER OF RECORD.
11. "SHARE THE ROAD" MARKINGS WILL BE INSTALLED WITH PRE-FORMED THERMOPLASTIC PAVEMENT MARKINGS WITH GREEN BACKGROUND.
12. RECOMMENDED SPACING FOR SHARED LANE MARKING: IMMEDIATELY AFTER INTERSECTIONS AND AT A MAXIMUM SPACING OF 250 FEET.
13. APPLY BICYCLE MARKINGS 5' (MINIMUM) FROM CURB RADIUS RETURN OR AS INDICATED ON THE PLAN.
14. PARKING SPACES SHALL BE A MINIMUM OF 10 FEET FROM THE EDGE OF ANY DRIVEWAY.

REVISIONS				CALVIN K. HARDIE, P.E. P.E LICENSE NUMBER 74590 CITY OF TAMPA 306 E JACKSON STREET TAMPA, FL 33602				<div style="text-align: center; font-size: 2em; font-weight: bold; font-style: italic;">NOTES</div>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		03
					MAIN ST	HILLSBOROUGH			

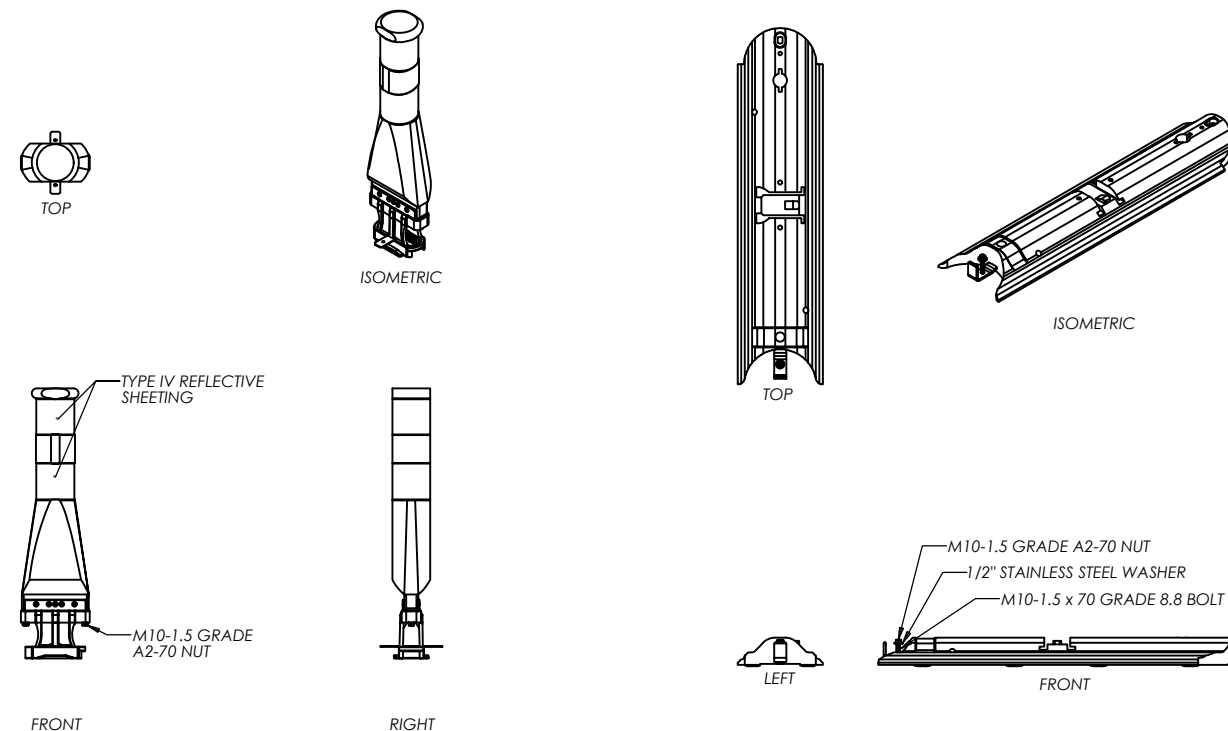


TYPICAL SECTION
 STA. 26+40 TO 27+60 (NOT TO SCALE)
 POSTED SPEED LIMIT IS 25 MPH
 DESIGN SPEED LIMIT IS 25 MPH

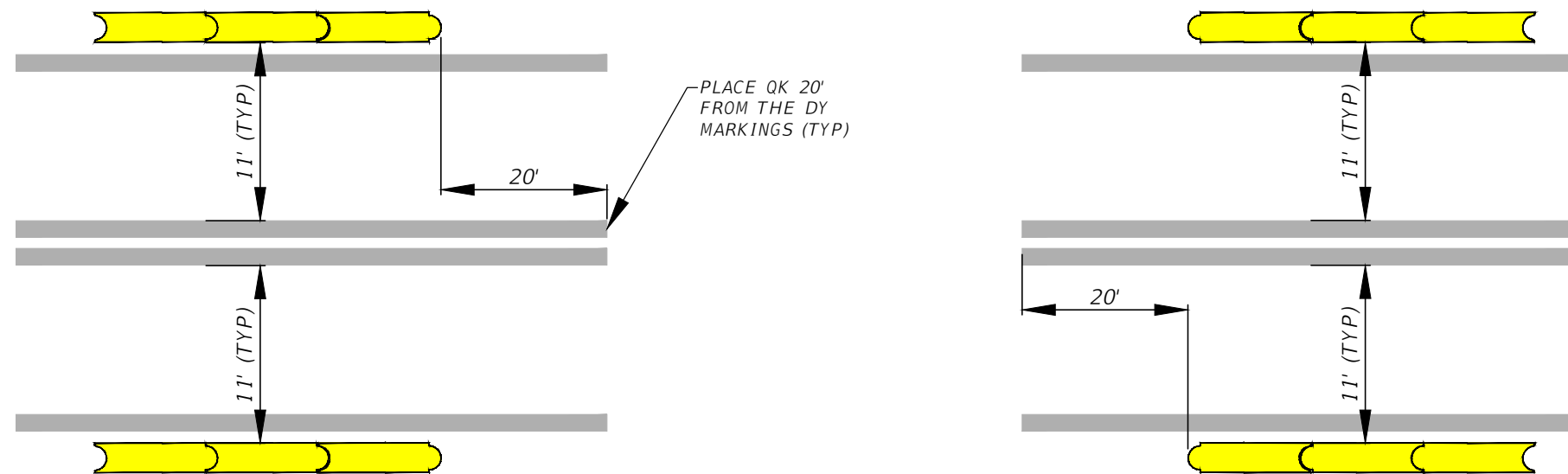


NOTE: 6" WHITE, PARKING LANE, 6" DY WITH RPMS HAVE ALREADY BEEN INSTALLED

SHARROW PAVEMENT MESSAGE DETAIL
 (N.T.S.)



QUICK KURB PRODUCT DETAIL
 (N.T.S.)

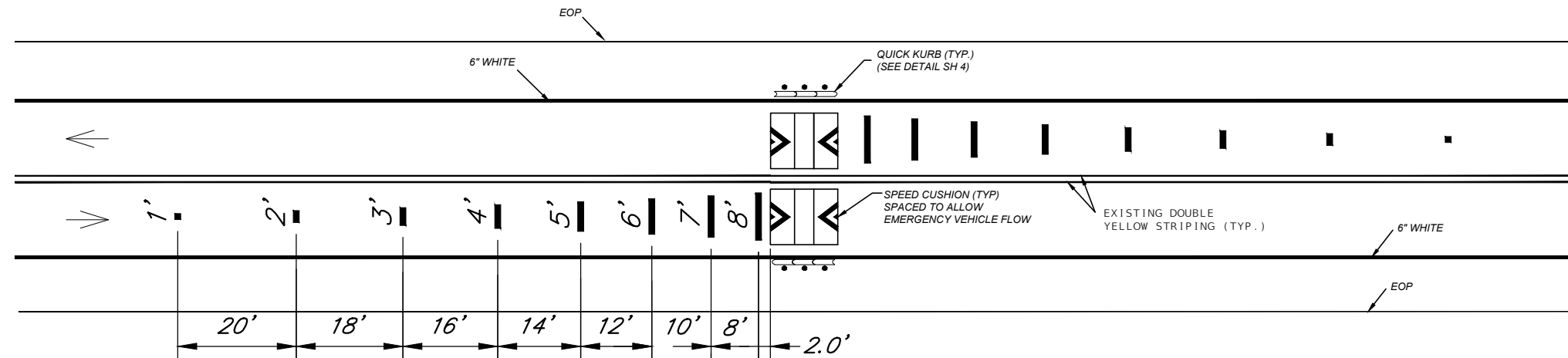


INTERSECTION TREATMENT DETAIL
 (QUICK KURB AT INTERSECTIONS)
 (N.T.S.)

NOTE: MAY BE FIELD ADJUSTED BY ENGINEER OF RECORD OR CONSTRUCTION PROJECT MANAGER

REVISIONS				CALVIN K. HARDIE, P.E. P.E. LICENSE NUMBER 74590 CITY OF TAMPA 306 E JACKSON STREET TAMPA, FL 33602	CITY OF TAMPA MOBILITY DEPARTMENT			SHEET NO. 04
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					MAIN ST	HILLSBOROUGH		

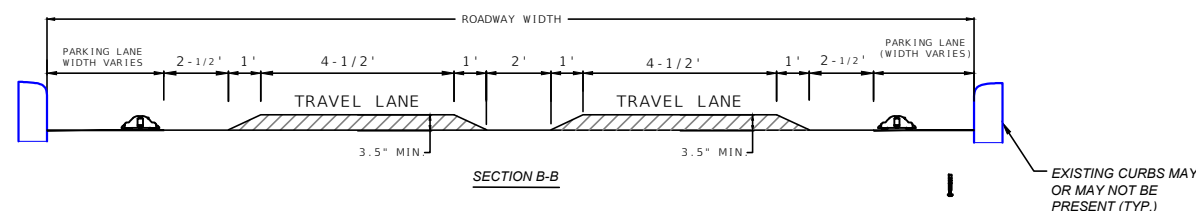
DETAIL



SPEED CUSHION LAYOUT DETAIL
N. T. S.

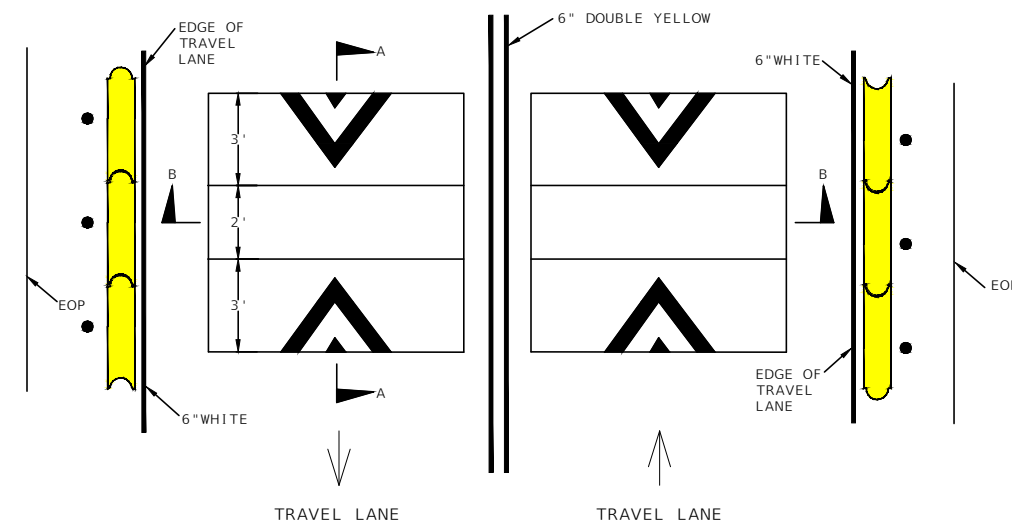
SPEED CUSHION GENERAL NOTES:

1. SPEED CUSHIONS SHALL BE PLACED AT 500 FOOT INTERNALS.
2. THERE SHALL BE A MINIMUM DISTANCE OF 150 FEET BETWEEN A SPEED CUSHION AND AN INTERSECTION STREET.
3. SPEED CUSHIONS SHALL NOT BE PLACED; IN FRONT OF DRIVEWAYS, OVER, OR CONTAIN MANHOLES, WATER VALVES OR BE LOCATED ADJACENT TO FIRE HYDRANTS.
4. SPEED CUSHIONS SHOULD NOT BE PLACED IN LOCATIONS WHERE THE ROAD IS SHADED FROM AN ISOLATED OVERHANGING TREE OR TREES.
5. IN LOCATING SPEED CUSHIONS, EXISTING STREET LIGHTING SHOULD BE TAKEN ADVANTAGE OF AS MUCH AS POSSIBLE TO INCREASE NIGHTTIME VISIBILITY.
6. SPEED CUSHIONS SHOULD NOT BE LOCATED IN HORIZONTAL OR VERTICAL CURVES OR AT LOW POINTS IN ROADWAYS.
7. SPEED CUSHIONS SHALL NOT BE LOCATED OPPOSITE CURB INLETS.
8. WHEN POSSIBLE, SPEED CUSHIONS SHOULD BE PLACED AT PROPERTY LINES FOR NOISE ABATEMENT AND AESTHETIC REASONS.
9. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
10. ASPHALT SHALL CONFORM TO FLORIDA D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, FOR ASPHALTIC CONCRETE TYPE SP. TACK COAT SHALL BE INCLUDED IN THE COST OF THE ASPHALT.
11. FOR EVALUATION OF EXISTING SPEED CUSHIONS, MINIMUM VERTICAL HEIGHT SHALL BE 3-1/2" WITH A VERTICAL TOLERANCE OF PLUS OR MINUS ONE HALF INCH ($\pm \frac{1}{2}$).
12. SPEED CUSHIONS SHALL BE SPACED EVENLY TO ALLOW EMERGENCY VEHICLE FLOW



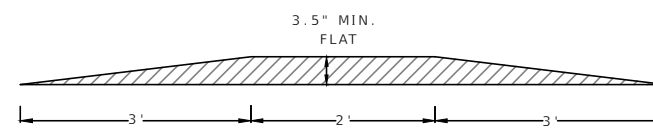
SECTION B-B

EXISTING CURBS MAY OR MAY NOT BE PRESENT (TYP.)



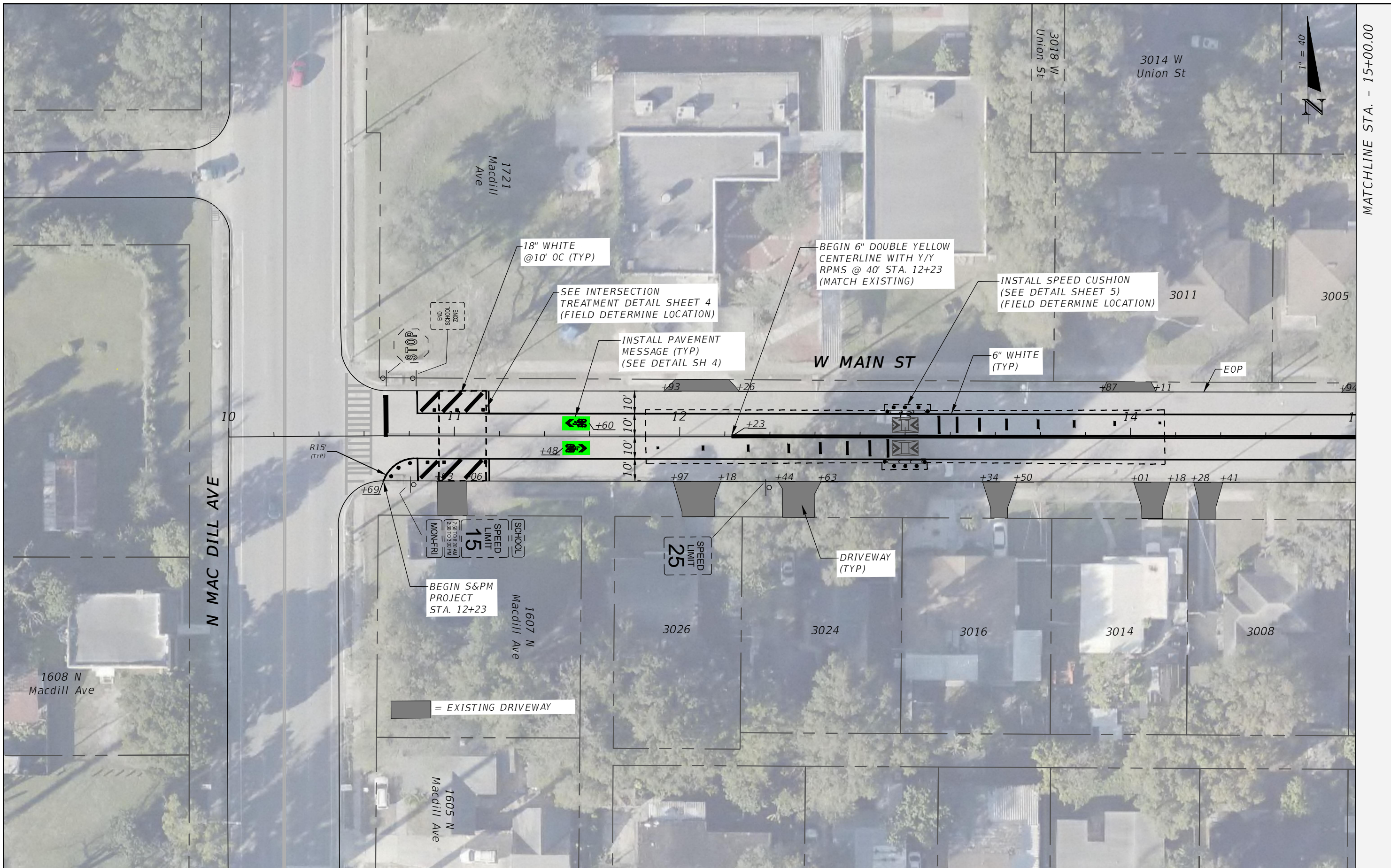
SPEED CUSHION DETAIL
N. T. S.

NOTE:
EXACT SIZE AND LOCATION OF SPEED CUSHION TO BE DETERMINED BY THE PROJECT MANAGER AND/OR THE CONSTRUCTION PROJECT MANAGER.



SECTION A-A

REVISIONS				CALVIN K. HARDIE, P.E. P.E. LICENSE NUMBER 74590 CITY OF TAMPA 306 E JACKSON STREET TAMPA, FL 33602	CITY OF TAMPA MOBILITY DEPARTMENT			SHEET NO. 05
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					MAIN ST	HILLSBOROUGH		DETAIL



MATCHLINE STA. - 15+00.00



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

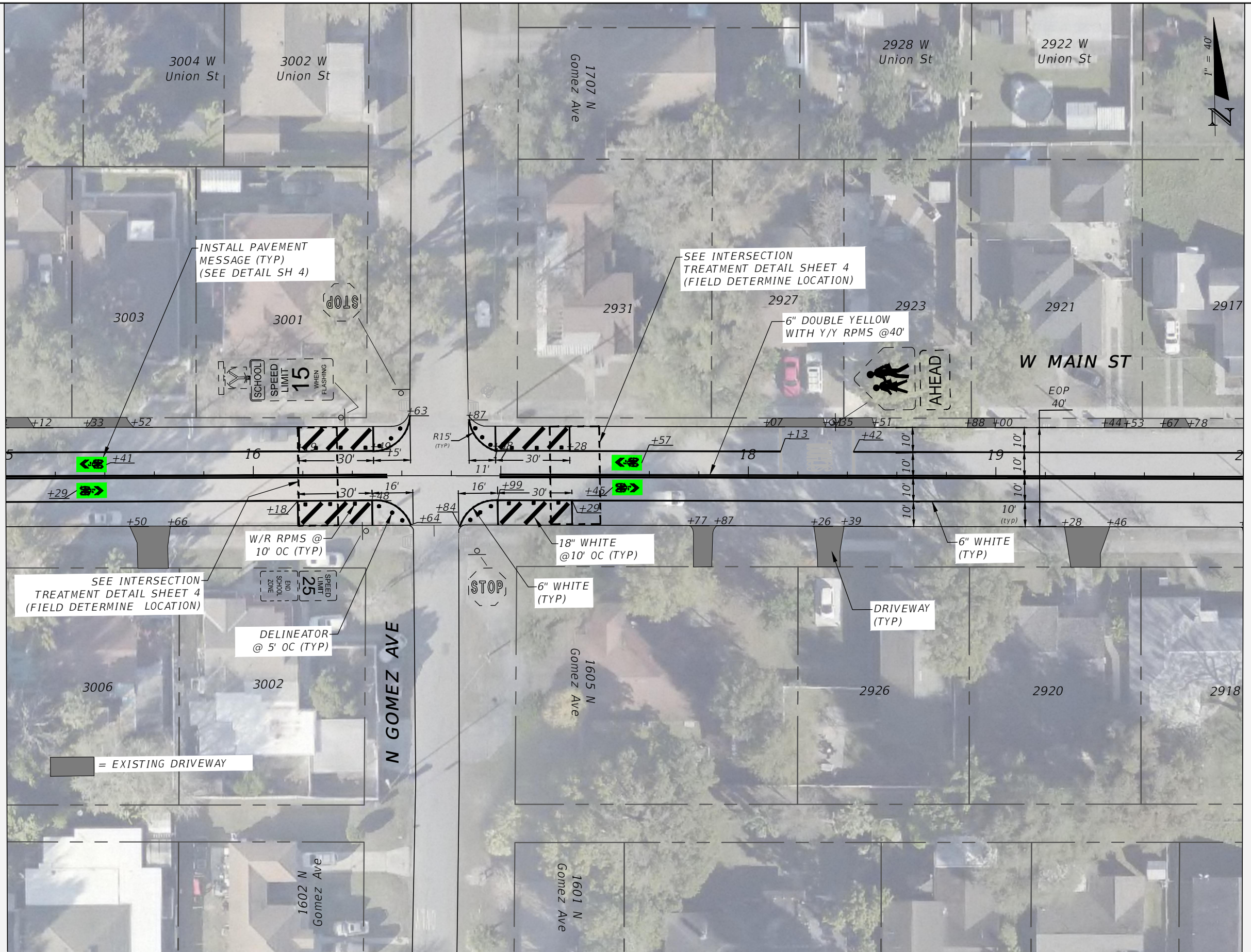
CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
MAIN ST	HILLSBOROUGH	

**SIGNING & PAVEMENT MARKING
 PLANS 01**

SHEET NO.
06

MATCHLINE STA. - 15+00.00

MATCHLINE STA. - 20+00.00



SEE INTERSECTION TREATMENT DETAIL SHEET 4 (FIELD DETERMINE LOCATION)

SEE INTERSECTION TREATMENT DETAIL SHEET 4 (FIELD DETERMINE LOCATION)

█ = EXISTING DRIVEWAY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
---	---	---	---

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

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
MAIN ST	HILLSBOROUGH	

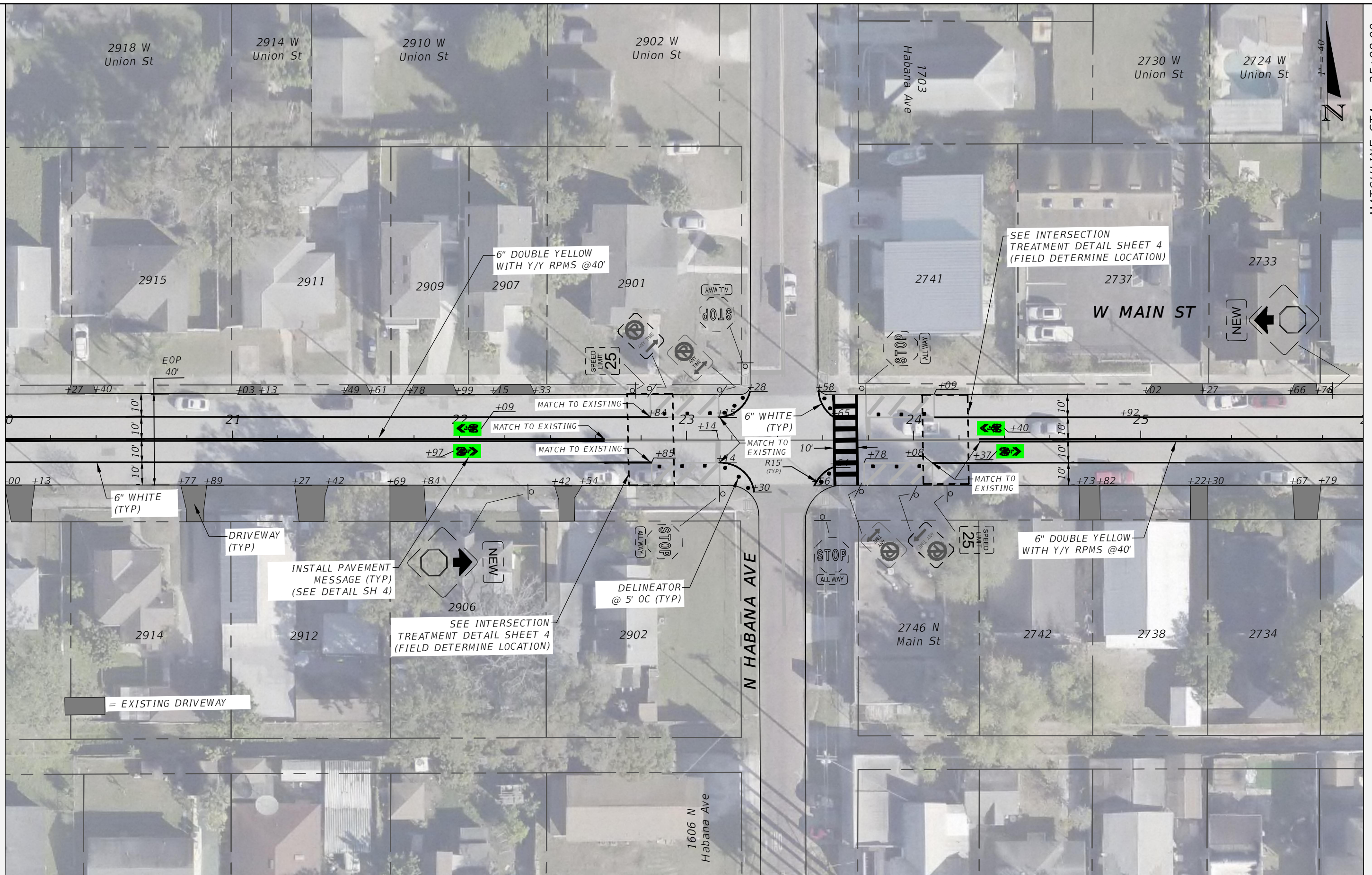
**SIGNING & PAVEMENT MARKING
 PLANS 02**

SHEET NO.
 07

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MATCHLINE STA. - 20+00.00

MATCHLINE STA. - 25+98.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
MAIN ST	HILLSBOROUGH	

**SIGNING & PAVEMENT MARKING
 PLANS 03**

SHEET NO.
08

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MATCHLINE STA. - 25+98.00

MATCHLINE STA. - 31+89.00



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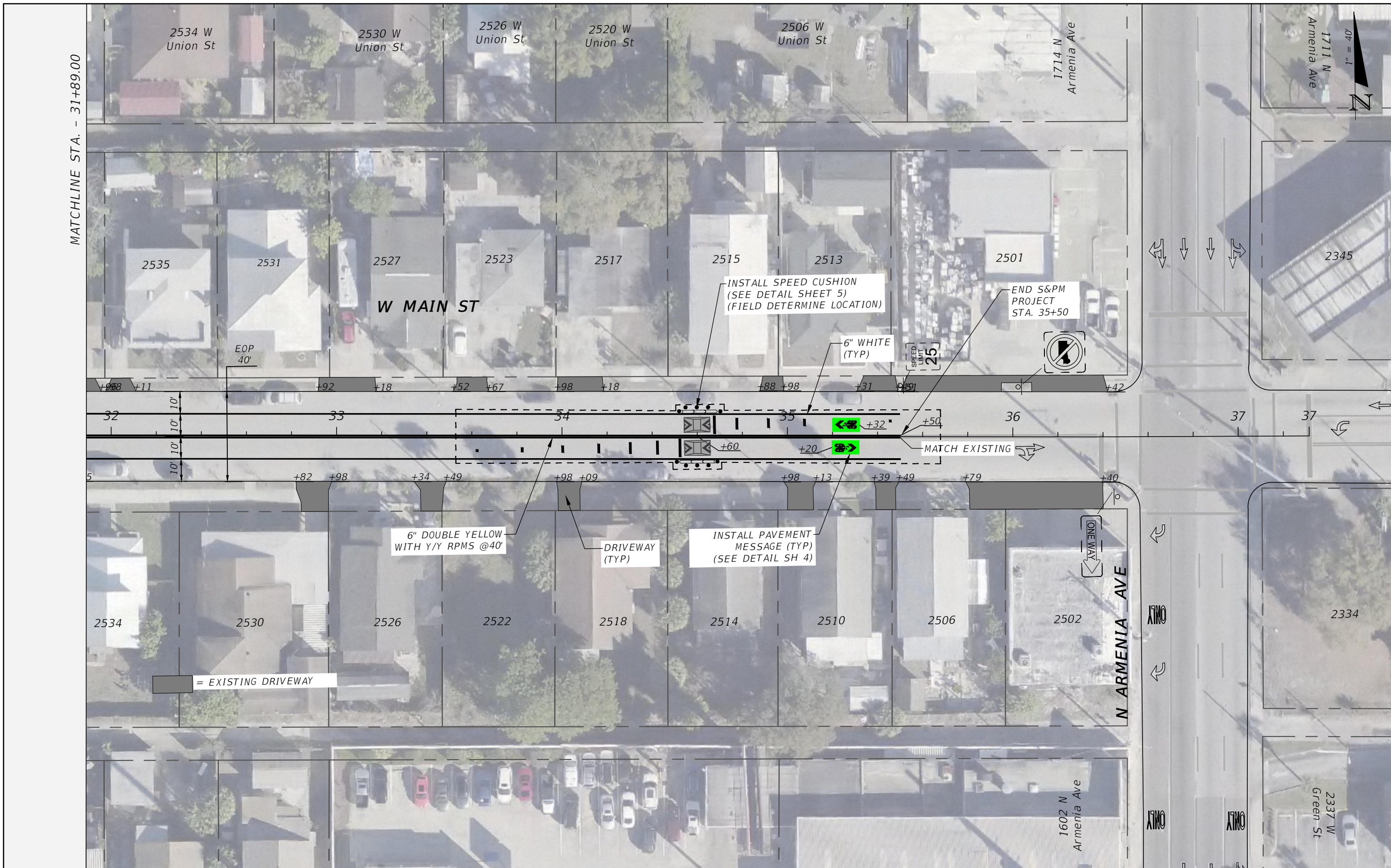
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

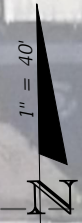
STATE OF FLORIDA		
DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
MAIN ST	HILLSBOROUGH	

SIGNING & PAVEMENT MARKING
PLANS 04

SHEET NO.
 09



MATCHLINE STA. - 31+89.00



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

STATE OF FLORIDA		
DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
MAIN ST	HILLSBOROUGH	

SIGNING & PAVEMENT MARKING
PLANS 05

SHEET NO.
 10