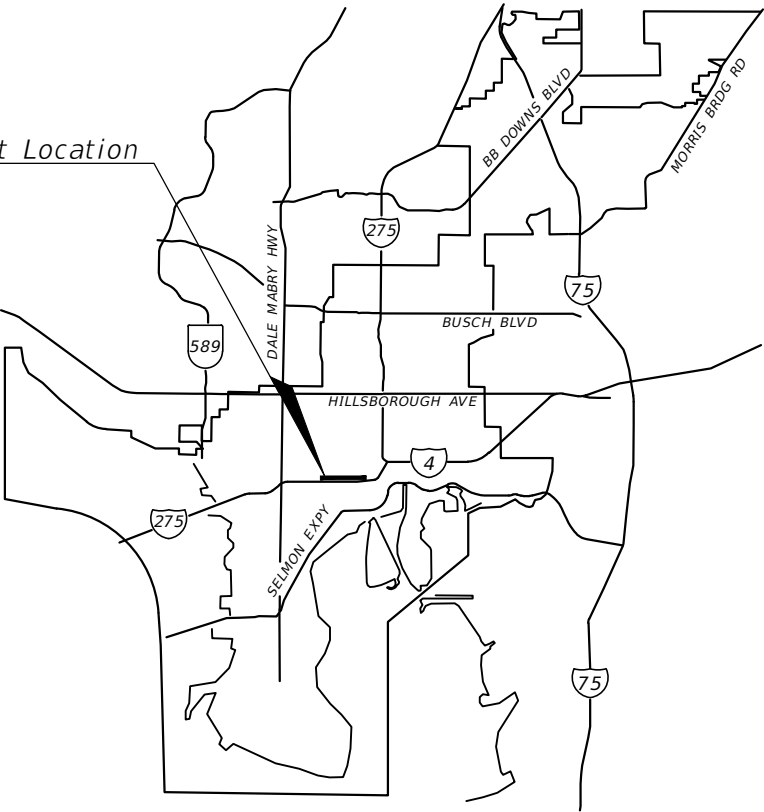
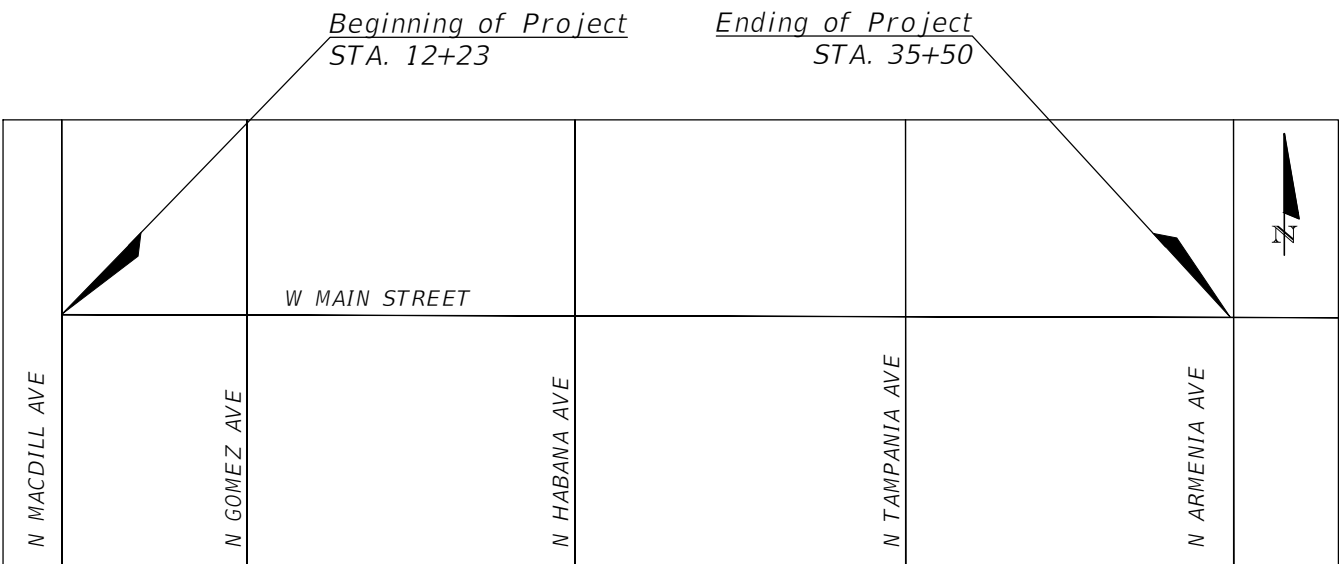


CITY OF TAMPA
MOBILITY DEPARTMENT

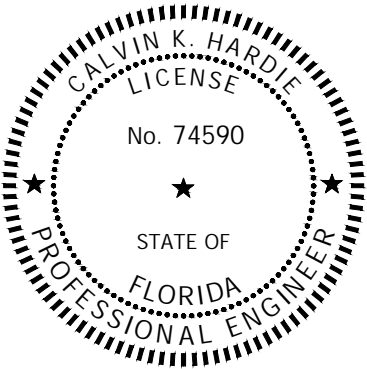
SIGNING AND PAVEMENT MARKING PLANS

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

TOTAL PROJECT
LENGTH 1/2 MILE



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

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

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.

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

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				CITY OF TAMPA MOBILITY DEPARTMENT	TOTAL OF QUANTITIES		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				
----	----			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	02
				MAIN ST	HILLSBOROUGH		

2/17/2023 11:27:24 AM

T:\04 TRANSPORTATION ENG\CAPITAL PROJECTS\0-QUICKBLDS\QB MAIN ST (MACDILL AVE TO ARMENIA AVE)\3.0_DESIGN PHASE\3.2_INHOUSE DESIGN\BASE\MAIN STREET - MACDILL AVE TO ARMENIA WORKING FILE.dwg

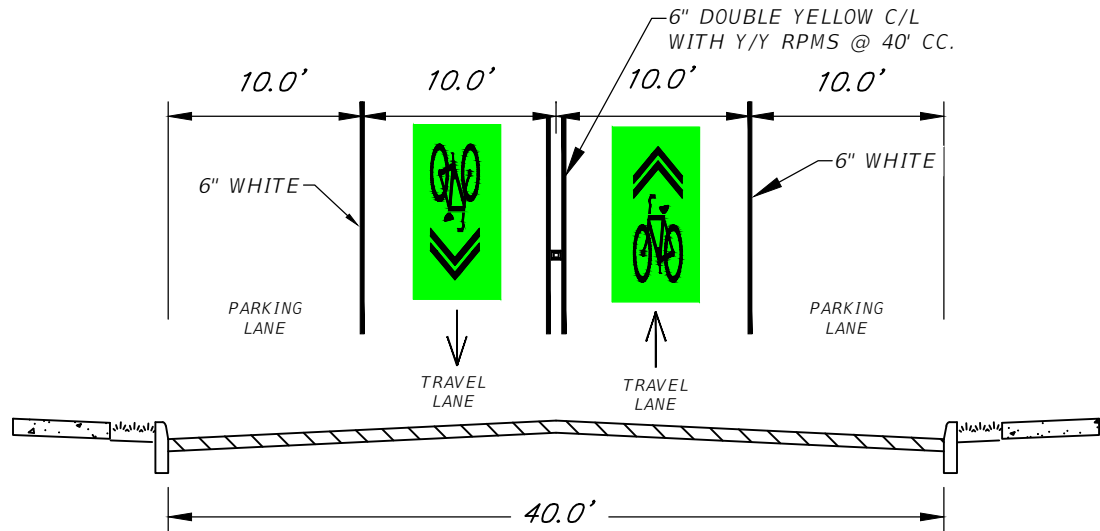
GENERAL NOTES

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.

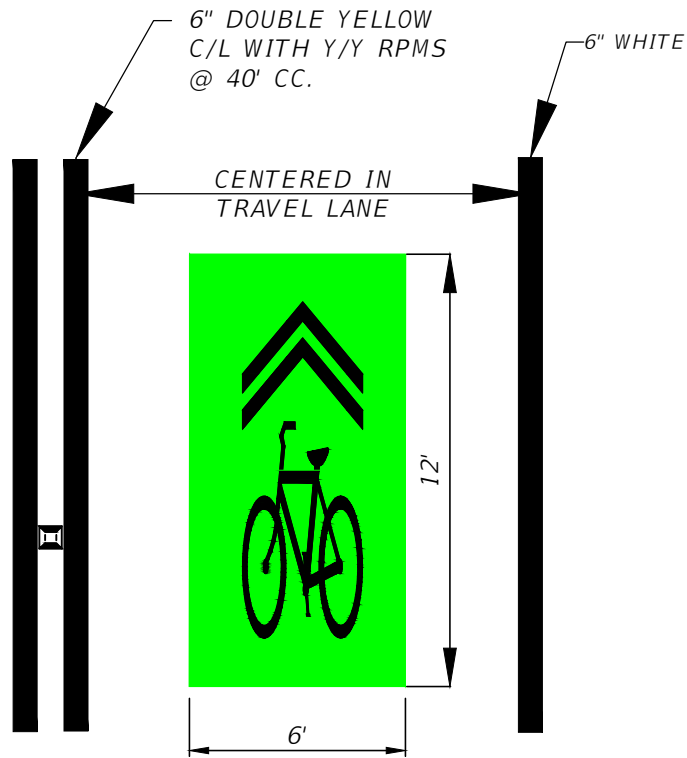
SIGNING AND PAVEMENT MARKING GENERAL NOTES:

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				<i>NOTES</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						
					ROAD NO.	COUNTY	FINANCIAL PROJECT ID		03
					MAIN ST	HILLSBOROUGH			

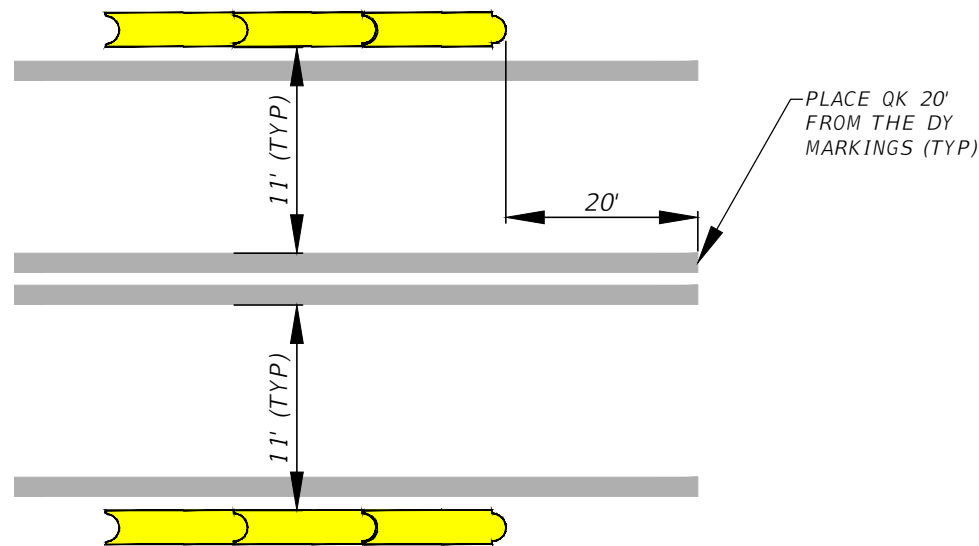


TYPICAL SECTION
STA. 26+40 TO 27+60 (NOT TO SCALE)
POSTED SPEED LIMIT IS 25 MPH
DESIGN SPEED LIMIT IS 25 MPH

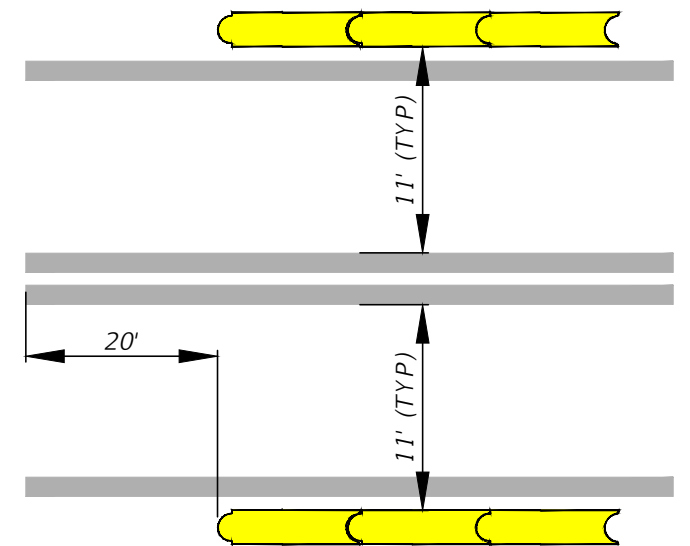


NOTE: 6" WHITE, PARKING LANE,
6" DY WITH RPMS HAVE ALREADY
BEEN INSTALLED

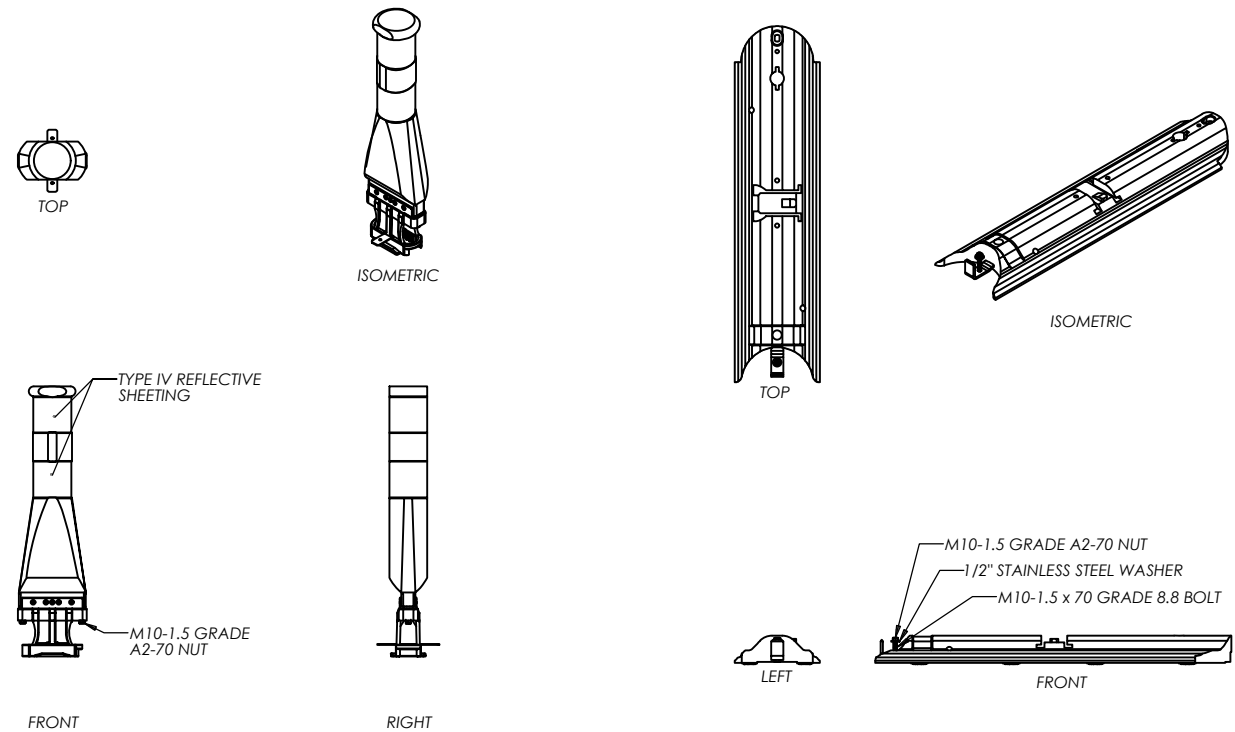
SHARROW PAVEMENT
MESSAGE DETAIL
(N.T.S.)



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

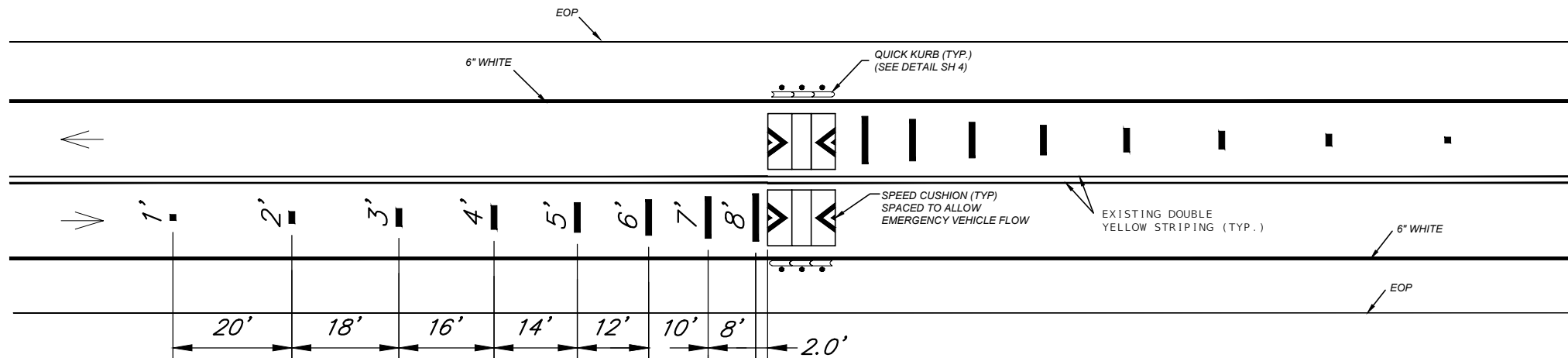


NOTE: MAY BE FIELD ADJUSTED
BY ENGINEER OF RECORD OR
CONSTRUCTION PROJECT MANAGER



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

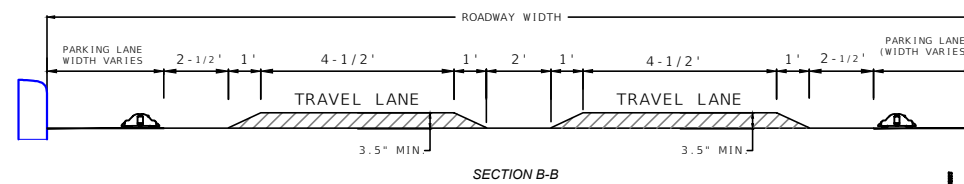
REVISIONS				CITY OF TAMPA MOBILITY DEPARTMENT	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	DETAIL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						
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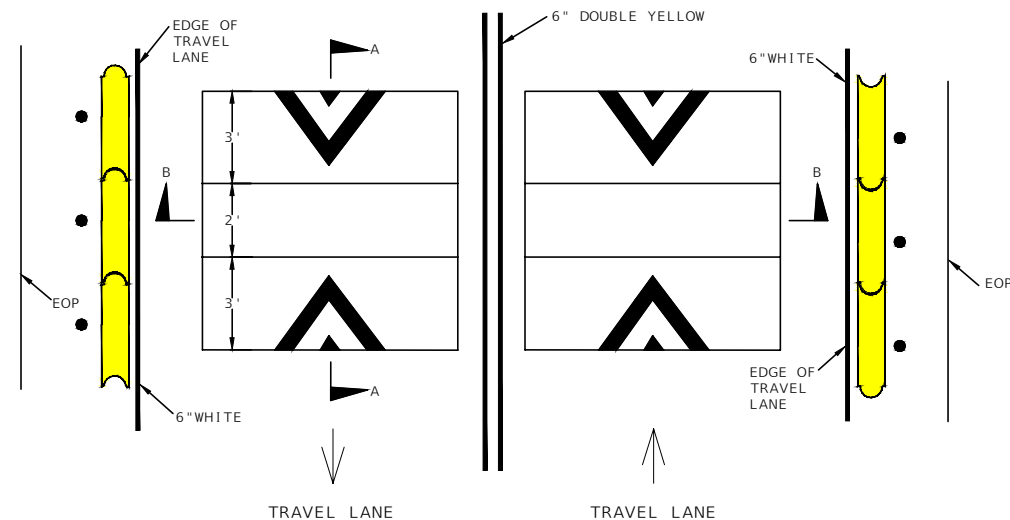
SPEED CUSHION
LAYOUT DETAIL
N. T. S.

SPEED CUSHION GENERAL NOTES:

1. SPEED CUSIONS SHALL BE PLACED AT 500 FOOT INTERVALS.
2. THERE SHALL BE A MINIMUM DISTANCE OF 150 FEET BETWEEN A SPEED CUSION AND AN INTERSECTION STREET.
3. SPEED CUSIONS SHALL NOT BE PLACED; IN FRONT OF DRIVEWAYS, OVER, OR CONTAIN MANHOLES, WATER VALVES OR BE LOCATED ADJACENT TO FIRE HYDRANTS.
4. SPEED CUSIONS SHOULD NOT BE PLACED IN LOCATIONS WHERE THE ROAD IS SHADED FROM AN ISOLATED OVERHANGING TREE OR TREES.
5. IN LOCATING SPEED CUSIONS, EXISTING STREET LIGHTING SHOULD BE TAKEN ADVANTAGE OF AS MUCH AS POSSIBLE TO INCREASE NIGHTTIME VISABILITY.
6. SPEED CUSIONS SHOULD NOT BE LOCATED IN HORIZONTAL OR VERTICAL CURVES OR AT LOW POINTS IN ROADWAYS.
7. SPEED CUSIONS SHALL NOT BE LOCATED OPPOSITE CURB INLETS.
8. WHEN POSSIBLE, SPEED CUSIONS 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

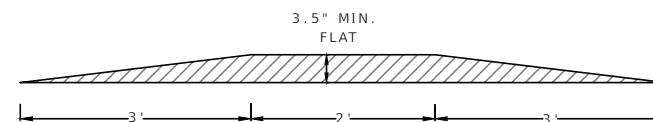


EXISTING CURBS MAY
OR MAY NOT BE
PRESENT (TYP.)



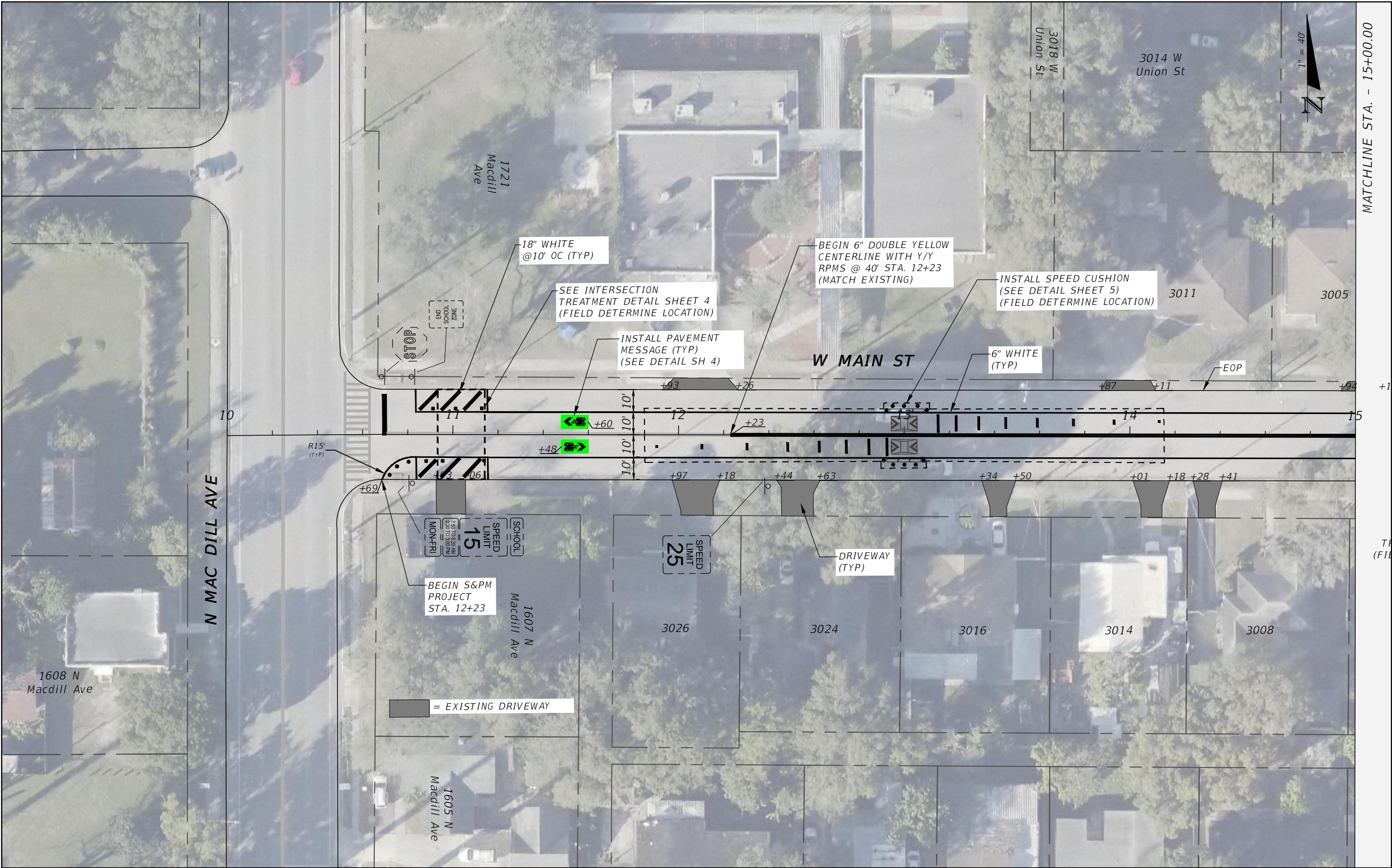
SPEED CUSHION DETAIL
N. T. S.

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

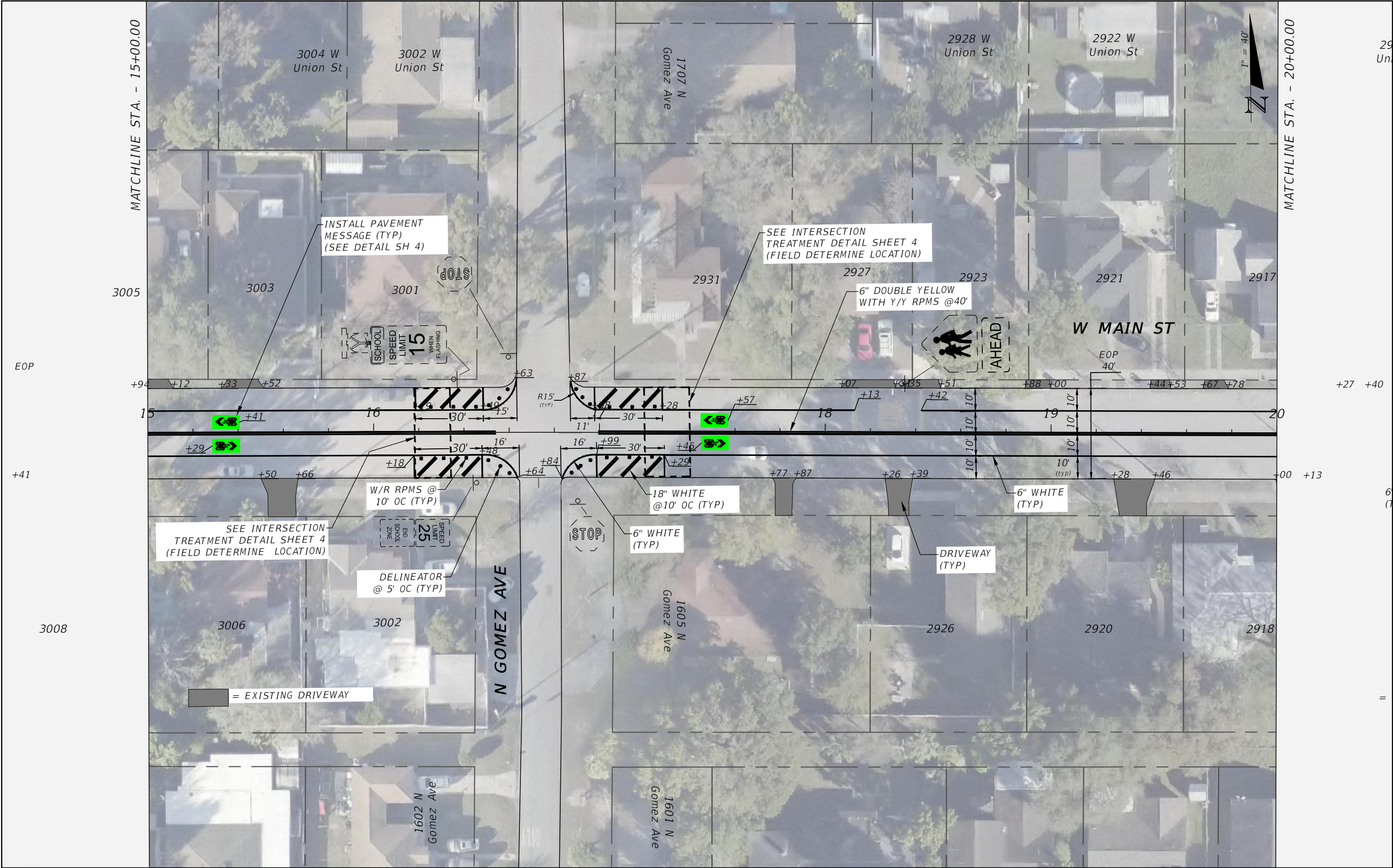


SECTION A-A

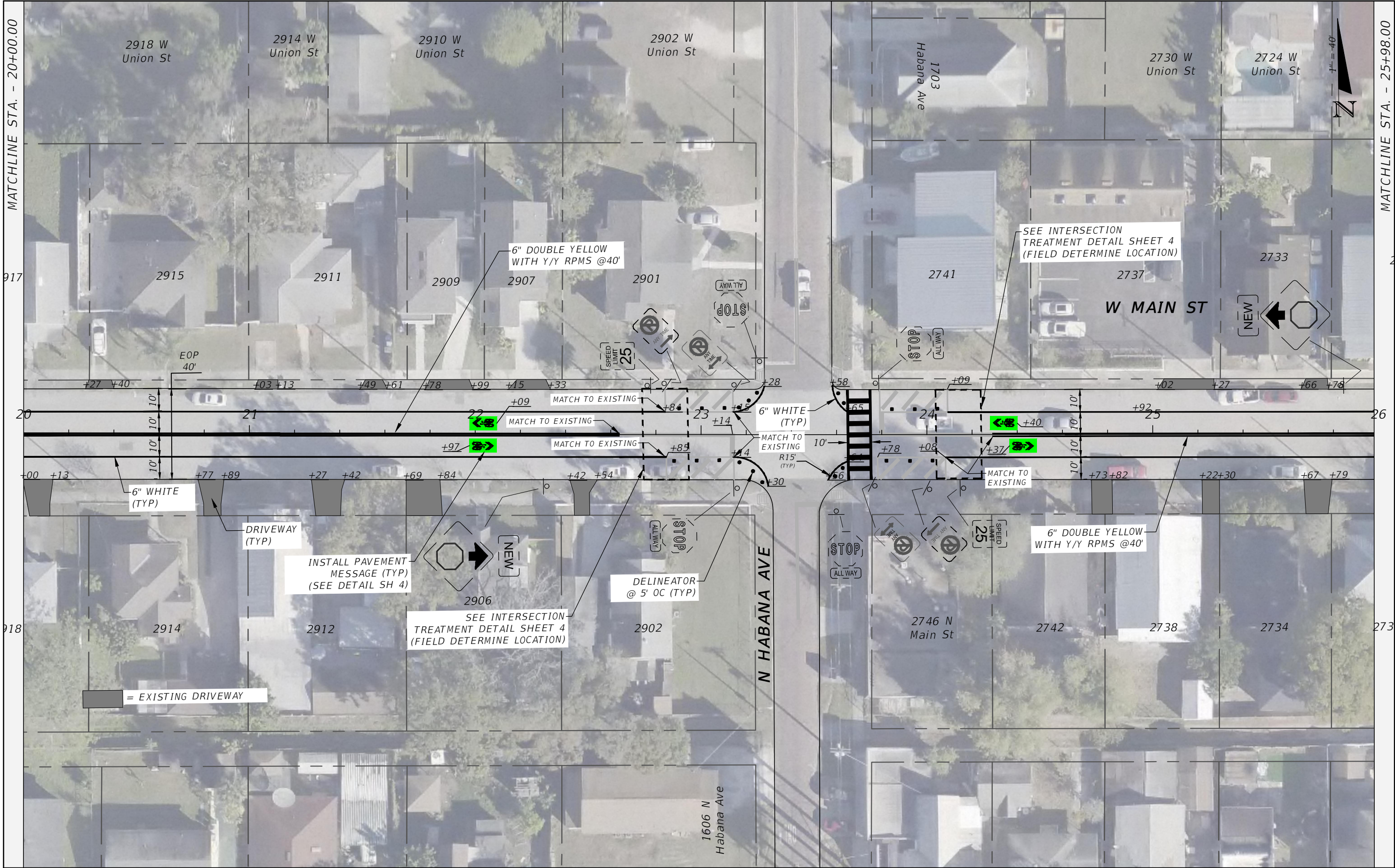
REVISIONS				CALVIN K. HARDIE, P.E. P.E. LICENSE NUMBER 74590 CITY OF TAMPA 306 E JACKSON STREET TAMPA, FL 33602	CITY OF TAMPA MOBILITY DEPARTMENT			DETAIL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
---	---	---	---		MAIN ST	HILLSBOROUGH			05



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	CITY OF TAMPA MOBILITY DEPARTMENT			SIGNING & PAVEMENT MARKING PLANS 01	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		06
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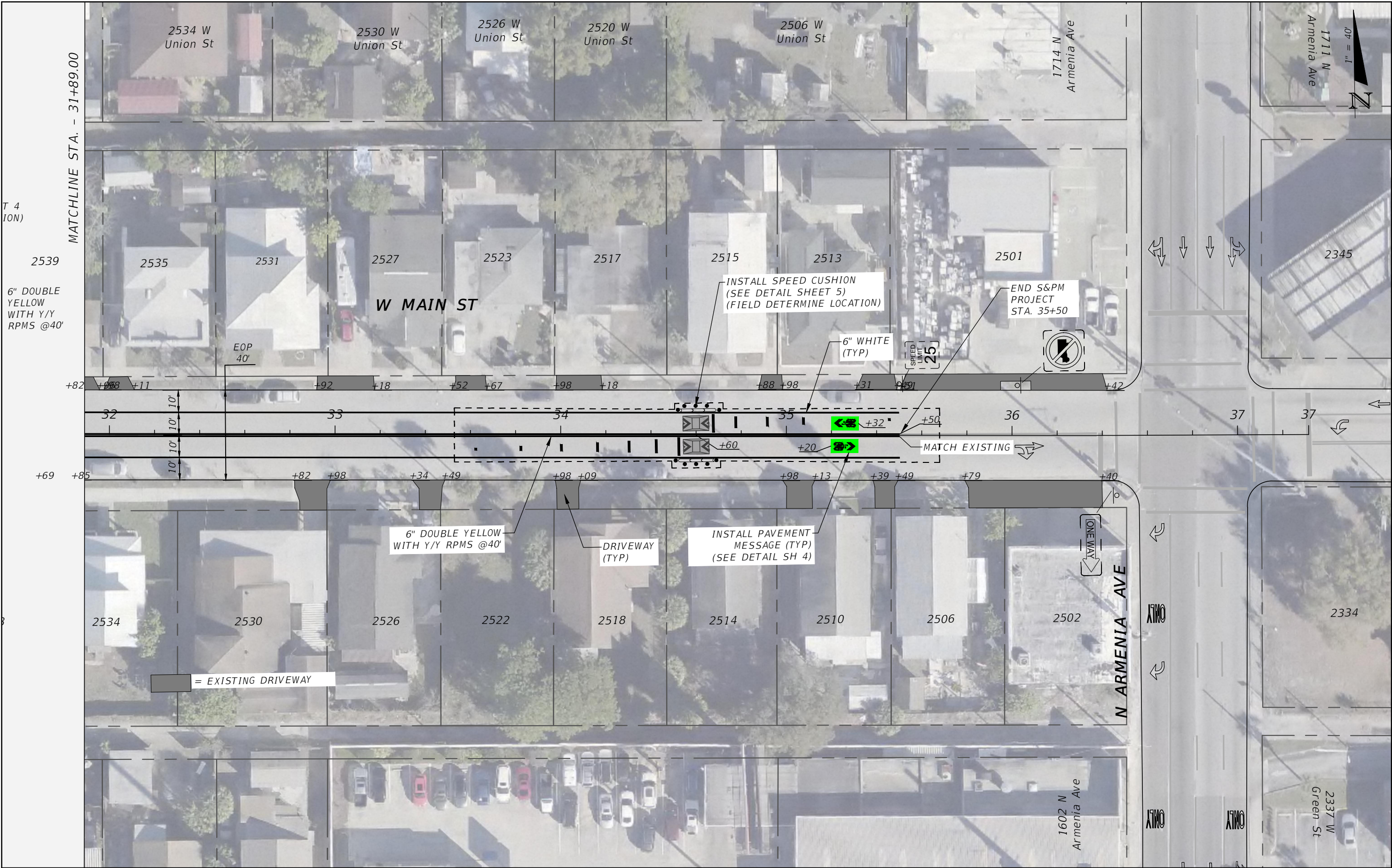
R E V I S I O N S				CALVIN K. HARDIE. P.E. P.E LICENSE NUMBER 74590 CITY OF TAMPA 306 E JACKSON STREET TAMPA, FL 33602	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING & PAVEMENT MARKING PLANS 02	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		07
----	-----				MAIN ST	HILLSBOROUGH			



REVISIONS				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			SIGNING & PAVEMENT MARKING PLANS 03	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
----	-----				MAIN ST	HILLSBOROUGH			08



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	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING & PAVEMENT MARKING PLANS 04	SHEET NO.	
DATE	DESCRIPTION		DATE		DESCRIPTION		ROAD NO.		COUNTY	FINANCIAL PROJECT ID
----	-----						MAIN ST		HILLSBOROUGH	



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

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	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING & PAVEMENT MARKING PLANS 05	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		10
----	-----				MAIN ST	HILLSBOROUGH			