FINAL PLANS 07-15-2024

CITY OF TAMPA MOBILITY DEPARTMENT

CONTRACT PLANS

HOWARD AVE - SWANN AVE TO KENNEDY BLVD TOTAL PROJECT LENGHT IS 0.47 MILES

INDEX OF SIGNING AND PAVEMENT MARKING PLANS

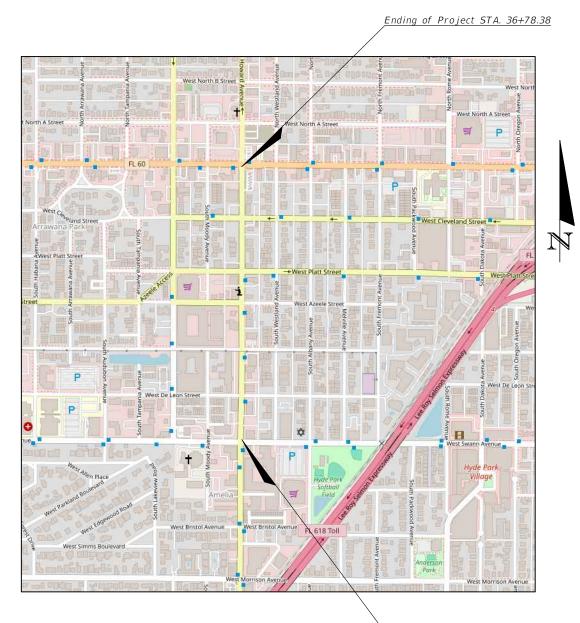
SHEET NO.	SHEET DESCRIPTION
1	KEYSHEET
2	QUANTITIES
3	NOTES
4	DETAILS
5-9	SIGNING AND PAVEMENT MARKING PLANS
10	SIGNALIZATION PLAN

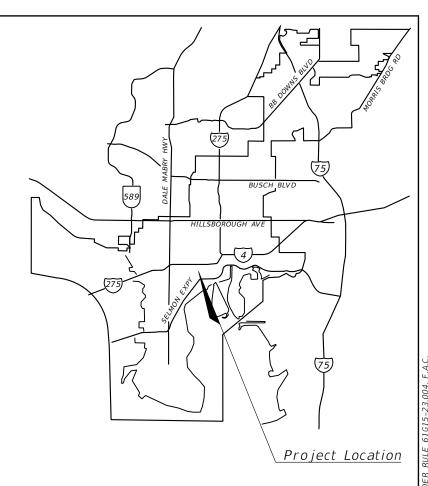
HOWARD AVE ENGINEER OF RECORD:

TIMOTHY ARTHUR HORST
94091
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 2023-24 DESIGN STANDARDS AND REVISED INDEX DRAWING AS APPENDED HEREIN, AND FY 2023-24 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AS AMENDED BY CONTRACT DOCUMENTS AND THE CITY OF TAMPA.

SIGNING AND PAVEMENT MARKING PLANS

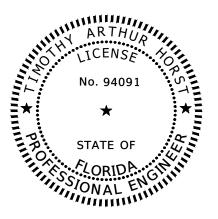




Timothy Arthur Horst, Professional Engineer, State of Florida, License No. 94091

This item has been digitally signed and sealed by Timothy Arthur Horst, 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	2024	1	

Beginning of Project STA. 11+08.45

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION				
	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	5		
	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	9		
	SIGN PANEL, REMOVE, UP TO 12 SF	EA	9		
	RETRO-REFLECTIVE PAVEMENT MARKERS WHITE/RED	EA	120		
	RETRO-REFLECTIVE PAVEMENT MARKERS YELLOW/YELLOW	EA	175		
	RETRO-REFLECTIVE PAVEMENT MARKERS BLUE/BLUE	EA	6		
	THERMOPLASTIC, STANDARD, WHITE, SKIP, 6" 2-4 SKIP	LF	309		
	THERMOPLASTIC, STANDARD, WHITE, SKIP, 6", 6-10 SKIP	LF.	70		
	THERMOPLASTIC, STANDARD, YELLOW, SKIP, 6", 2-4 SKIP	LF	36		
	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	485		
	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	270		
	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	LF	491		
	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK AND STOP BAR	LF	710		
	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE - SHARROW	EA	14		
	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	6		
	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	19		
	THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	LF	4873		
	THERMOPLASTIC, STANDARD, WHITE, SKIP, 6", 10-30 SKIP	LF	800		
	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	LF	3953		

R E V I S I O N S			TIMOTHY ARTHUR HORST, P.E.	CITY OF TAMPA		MPA		CHEET	
DATE DESCRIPTION		DATE DESCRIPTION	P.E. LICENSE NUMBER 94091 CITY OF TAMPA	MOBILITY DEPARTMENT				SHEET NO.	
				306 E. JACKSON ST	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	QUANTITIES	
		TAMPA, FL 33602 CERTIFICATE OF AUTHORIZATION	HOWARD AVE	HILLSBOROUGH			2		

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 FNGINEER
- 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. 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 INSTALLATIONS.

TRAFFIC CONTROL NOTES:

- 1. SET UP WORK ZONE SIGNS IN ACCORDANCE WITH THE APPROPRIATE FDOT STANDARD INDEX 102 SERIES.
- 2. TRAFFIC FLOW SHALL BE MAINTAINED ALONG AFFECTED ROADWAYS AT ALL TIMES.
- 3. POSTED SPEED LIMITS SHALL BE MAINTAINED AT ALL TIMES.
- 4. ACCESS TO BUSINESSES AND/OR RESIDENTIAL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.
- 5. EXISTING DRAINAGE PATTERNS SHALL BE MAINTAINED AT ALL TIMES.
- 6. THE CONTRACTOR SHALL ADHERE TO FDOT STANDARD INDEX 102 WITH REGARDS TO DROP OFFS IN WORK ZONES.

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 TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET AND METHOD OF INSTALLATION.
- 5. IF REMOVAL OF EXISTING MARKINGS IS REQUIRED, IT SHALL BE DONE BY HYDRO-BLASTING OR MICRO-GRINDING IF APPROVED BY THE ENGINEER.
- 6. REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH CURRENT FDOT STANDARD INDEX 706-001.
- 7. 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.
- 8. WHEN UPGRADING OR INSTALLING PEDESTRIAN CROSSWALKS, PED RAMPS SHALL BE MADE ADA COMPLIANT IF NEEDED.
- 9. ANY VEGETATION INTERFERING WITH THE VISIBILITY OF THE EXISTING AND/OR PROPOSED SIGNS SHALL BE TRIMMED OR REMOVED UNTIL FULL VISIBILITY IS RESTORED.
- 10. REFER TO FDOT DESIGN MANUAL 223.3 FOR SHARED LANE MAKRINGS (SHARROWS).

TIMOTHY ARTHUR HORST, P.E.

ATE DESCRIPTION DATE DESCRIPTION

--- --
ROAD NO.

TAMPA, FL 33602
CERTIFICATE OF AUTHORIZATION ---
HOWARD AVE | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

CITY OF TAMPA

MOBILITY DEPARTMENT

AD NO. COUNTY FINANCIAL PROJECT ID

RD AVE HILLSBOROUGH ----

NOTES

SHEET NO.

3

