

# CITY OF TAMPA MOBILITY DEPARTMENT

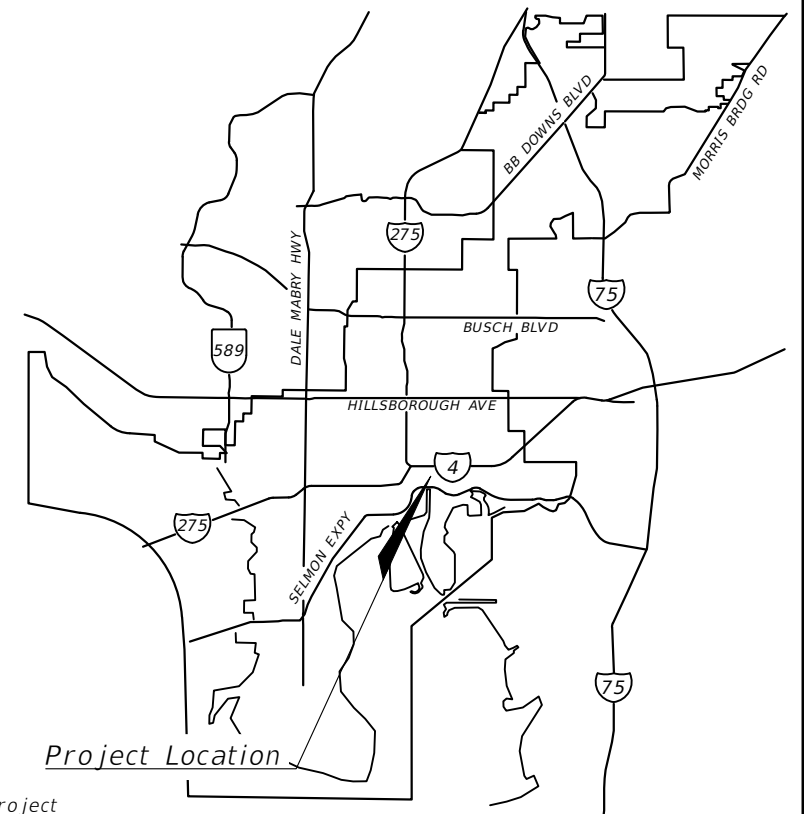
## CONTRACT PLANS

7th Avenue - 17th St to 19th St

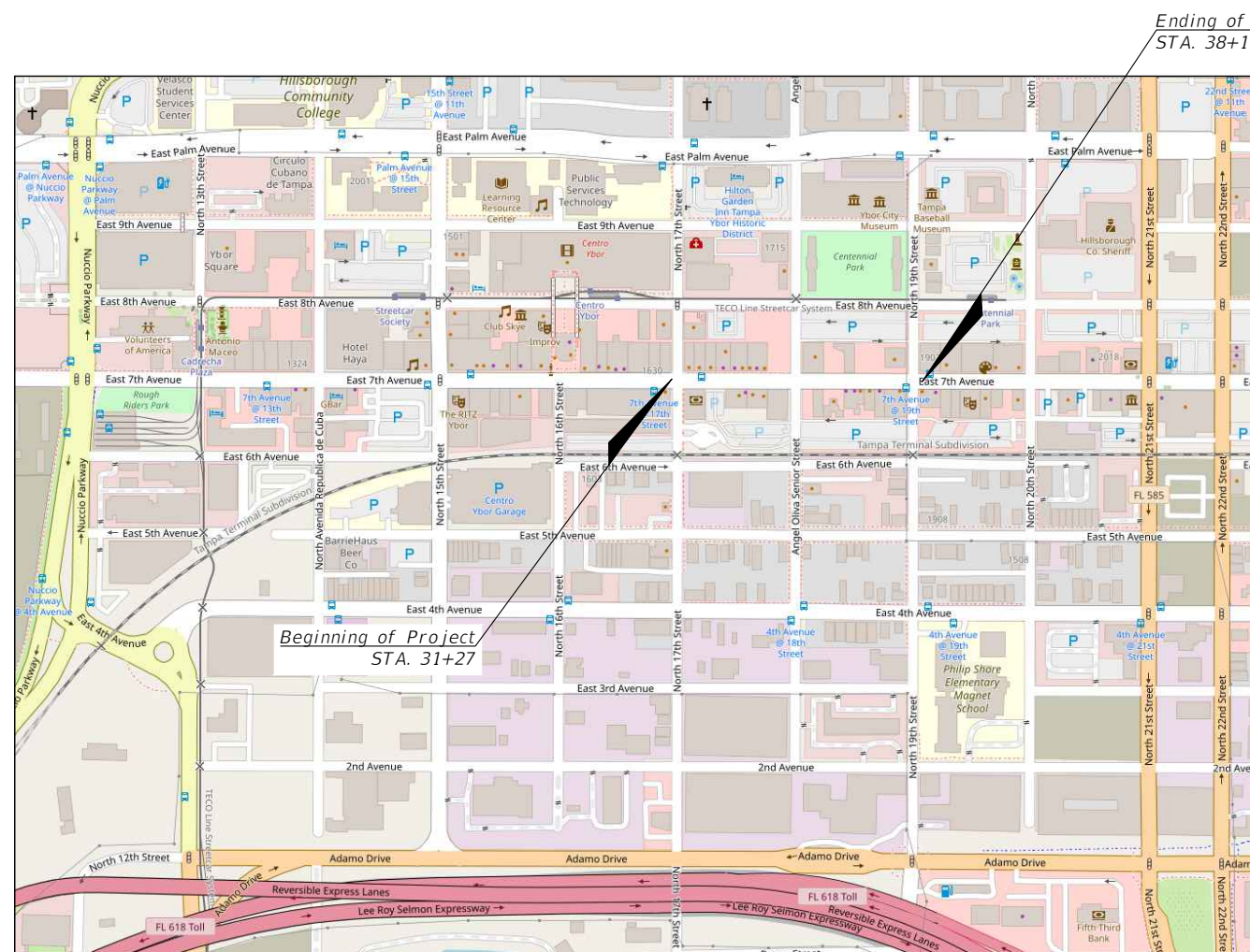
### RESURFACING AND PAVEMENT MARKING PLANS

#### INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
R-1	KEY SHEET
R-2	NOTES & DETAIL
R-3	TYPICAL SECTION
R-4	ROADWAY PLAN
SP-1	SIGNING AND PAVEMENT MARKING PLAN



Project Location

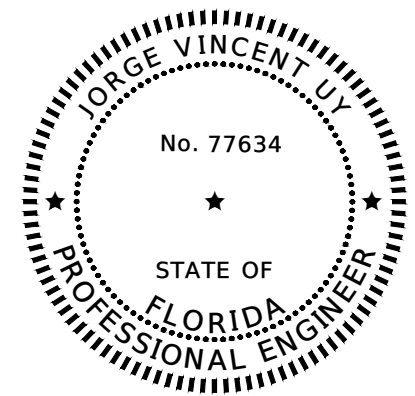


Ending of Project  
STA. 38+14

Beginning of Project  
STA. 31+27



**FINAL PLANS**  
October 3, 2024



Jorge Vincent Uy, Professional Engineer, State of Florida, License No. 77634

This item has been digitally signed and sealed by Jorge Vincent Uy, 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

7TH AVE

JORGE VINCENT UY  
77634

PROJECT MANAGEMENT SUPPORT, CITY OF TAMPA

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.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T-0000	2024	R1

*TABULATION OF QUANTITIES*

<i>PAY ITEM NO.</i>	<i>DESCRIPTION</i>	<i>UNIT</i>	<i>QUANTITY</i>
0327 70 7	MILL EXISTING ASPHALT PAVEMENT, 4" AVG DEPTH	SY	1927
-	BRICK PAVEMENT INSTALL ONLY	SY	1927
-	SAND BASE OR SIMILAR MARTHIAL, 1.5" AVG DEPTH	SY	1927
700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	2
700 1 60	SINGLE POST SIGN, REMOVE, UP TO 12 SF	AS	1
711 11123	THERMOPLASTIC, WHITE, SOLID, 12" FOR CROSSWALK	LF	96
0711 11125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	EA	60
0711 15201	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	LF	400

<i>REVISIONS</i>				JORGE VINCENT UY, P.E. P.E. LICENSE NUMBER 77634 PROJECT MANAGEMENT SUPPORT, CITY OF TAMPA 806 E JACKSON ST TAMPA, FLORIDA 33602	CITY OF TAMPA MOBILITY DEPARTMENT			<i>QUANTITIES</i>	SHEET NO.
<i>DATE</i>	<i>DESCRIPTION</i>	<i>DATE</i>	<i>DESCRIPTION</i>		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		R2
----	----				7TH AVE	HILLSBOROUGH	----		

GENERAL NOTES

- CITY OF TAMPA STANDARD DRAWINGS ARE AVAILABLE AT THE CITY HALL ANNEX, 306 E. JACKSON STREET, 6TH FLOOR, EAST WING.
- CALL SUNSHINE (1-800-432-4770) AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY.
- 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.
- SPECIAL CARE MUST BE TAKEN TO PROTECT WATER LINES DURING CONSTRUCTION. PROVIDE SUPPORTS AS NECESSARY.
- 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.
- RESURFACING PROJECT WAS NOT SURVEYED. ALL STATIONS WERE GENERATED THROUGH MAP INFORMATION. FIELD ADJUSTMENTS MAY BE REQUIRED BY THE ENGINEER.

TRAFFIC SIGNAL NOTES:

- ANY TRAFFIC SIGNAL EQUIPMENT RELOCATION WILL BE COMPLETED BY A LICENSE SIGNAL CONTRACTOR. CONTACT DAVID WORLEY (813) 393-8425 (david.worley@tampagov.net) TO COORDINATE ANY REQUIRED SIGNAL INSPECTIONS WITH A MINIMUM OF 10 DAY NOTICE.
- DAMAGED LOOPS AND FEEDERS WILL BE REPLACED AS PART OF THIS PROJECT AT THE CONTRACTOR'S EXPENSE. BEFORE THE LOOPS ARE DAMAGED, NOTIFY TRAFFIC OPERATIONS, MAURICE FOWLER (813) 395-8426 (maurice.fowler@tampagov.net) SO THAT HE CAN ORGANIZE REPLACEMENT.
- CONTACT MAURICE FOWLER (813) 395-8426 FOR ANY NEW INDUCTIVE LOOPS TO SCHEDULE TESTING AND TRIAL ACCEPTANCE 10 DAYS PRIOR TO NEED. TYPE A 6'X30' 2' IN FRONT OF STOP BAR THRU LANES. TYPE F 6'X30' 2' IN FRONT OF STOP BAR FOR LEFT TURN LANES FOR REPLACEMENT OF ANY DAMAGED LOOPS AS A RESULT OF THIS PROJECT.
- UNDERGROUND SIGNAL CABLE, FIBER OPTIC LINES AND CONDUIT EXIST AT SIGNALIZED INTERSECTIONS. ALL SIGNS WITHIN 50' OF A SIGNALIZED INTERSECTION MUST BE MARKED IN WHITE PRIOR TO CONTACTING SUNSHINE AND INSTALLATION.
- STOP BAR DETECTION MUST BE MAINTAINED THROUGHOUT THE PROJECT DURATION. TEMPORARY DETECTION MAY BE REQUIRED AT THE CONTRACTORS EXPENSE.

TRAFFIC CONTROL NOTES:

- MILLING AND RESURFACING ACTIVITY SHALL BE IN COMPLIANCE WITH FDOT STANDARD INDEX 102 SERIES.
- SET UP WORK ZONE SIGNS IN ACCORDANCE WITH THE APPROPRIATE FDOT STANDARD INDEX 102 SERIES.
- TRAFFIC FLOW SHALL BE MAINTAINED ALONG AFFECTED ROADWAYS AT ALL TIMES.
- ACCESS TO BUSINESSES AND/OR RESIDENTIAL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.
- EXISTING DRAINAGE PATTERNS SHALL BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL ADHERE TO FDOT STANDARD INDEX 102 WITH REGARDS TO DROP OFFS IN WORK ZONES.

PAVEMENT NOTES:

- ALL WORK, MATERIALS, AND TESTING PER CITY OF TAMPA PAVEMENT AND RIGHT OF WAY RESTORATION REQUIREMENTS.
- MATERIAL, TYPE AND THICKNESS OF ASPHALTIC CONCRETE PAVEMENT AND BASE PER CITY OF TAMPA PAVEMENT DESIGN STANDARDS.
- ASPHALTIC CONCRETE SHALL BE TYPES SP-9.5 (TRAFFIC LEVEL C) OR SP-12.5 (TRAFFIC LEVEL C), ONLY. ARTERIALS SHALL USE SP-12.5, ONLY. MINIMUM LIFT THICKNESS PER FDOT FLEXIBLE PAVEMENT DESIGN MANUAL.
- OPTIONAL BASE GROUP, INCLUDING ASPHALT BASE, PER FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION MAY BE USED IN LIEU OF STANDARD DEPTH. USE CORRESPONDING LR BASE THICKNESS TO DETERMINE REQUIRED DEPTH.
- FOR ANY RIGID PAVEMENT ROADWAYS, CONTACT MOBILITY DEPARTMENT CHIEF ENGINEER.
- MATERIAL, TYPE AND THICKNESS OF BASE PER CITY OF TAMPA PAVEMENT DESIGN STANDARDS. SEE TABLE THIS SHEET.
- FOR ANY HISTORIC BRICK REMOVED FROM STREETS AND NOT USED IN THE PROJECT NEEDS TO BE COLLECTED, REFER TO SPECIFICATION 1.6.

SIGNING AND PAVEMENT MARKING GENERAL NOTES:

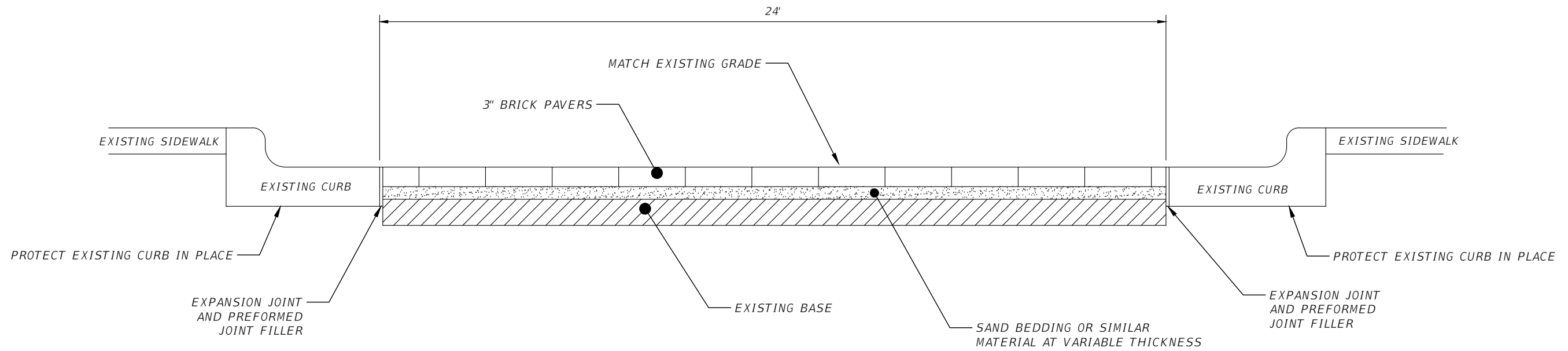
- PAVEMENT MARKINGS SHALL BE PLACED AS SHOWN IN THE PLANS WITH THE APPROPRIATE FDOT DESIGN STANDARD INDEX AND MUTCD ADHERENCE. ALL PAVEMENT MARKINGS SHALL BE REINSTALLED ACCORDING TO EXISTING MARKINGS UNLESS OTHERWISE NOTED.
- THE SIGN AND PAVEMENT MARKING LOCATIONS ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT AS DIRECTED BY THE ENGINEER.
- ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET AND METHOD OF INSTALLATION.
- SPECIAL PAVEMENT MARKINGS ARE REQUIRED AROUND CURB INLETS OR AROUND DRAIN GRATES. SEE SIGNING AND PAVEMENT MARKING SPECIAL DETAIL SHEET, IF APPLICABLE.
- REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH CURRENT FDOT STANDARD INDEX 706-001.
- 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.
- WHEN UPGRADING OR INSTALLING PEDESTRIAN CROSSWALKS, PED RAMPS SHALL BE MADE ADA COMPLIANT IF NEEDED.
- ANY SIGN SHALL HAVE THE BLACK COATING PER YBOR STANDARDS

PAVEMENT DESIGN MINIMUM STANDARDS			
FLEXIBLE PAVEMENT			
ROADWAY CLASSIFICATION	ASPHALTIC CONCRETE	BASE MATERIAL	TYPE B STABILIZATION (MIN LBR 40)
ALLEY	1"	6"	12"
LOCAL	2"	8"	12"
NEIGHBORHOOD COLLECTOR	3"	8"	12"
COLLECTOR/ ARTERIAL	4"*	12"*	12"

\* MINIMUM PAVEMENT SECTIONS CAN BE MODIFIED WITH AN APPROVED PAVEMENT DESIGN SUBMITTED TO THE CITY OF TAMPA MOBILITY DEPT., TRANSPORTATION ENGINEERING DIVISION.

REVISIONS				JORGE VINCENT UY, P.E. P.E. LICENSE NUMBER 77634 PROJECT MANAGEMENT SUPPORT, CITY OF TAMPA 806 E JACKSON ST TAMPA, FLORIDA 33602	CITY OF TAMPA MOBILITY DEPARTMENT			SHEET NO.  R3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
---	---				7TH AVE	HILLSBOROUGH	----	

*NOTES*



**TYPICAL SECTION  
STA 31+27 TO STA 34+11**

REVISIONS				JORGE VINCENT UY, P.E. P.E. LICENSE NUMBER 77634 PROJECT MANAGEMENT SUPPORT, CITY OF TAMPA 806 E JACKSON ST TAMPA, FLORIDA 33602 CERTIFICATE OF AUTHORIZATION -----	CITY OF TAMPA MOBILITY DEPARTMENT			<i>TYPICAL SECTION</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		R4
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Mark Thomas 10/3/2024 8:29:14 AM

T:\04 TRANSPORTATION ENG\CAPITAL PROJECTS\7TH AVE BRICK STREET COST FEASIBILITY STUDY\3.0\_DESIGN PHASE\3.2\_INHOUSE DESIGN\BASE\GNTRD03.dwg

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	DESCRIPTION	UNIT	TOTAL
0327 70 7	MILL EXISTING ASPHALT PAVEMENT, 4" AVG DEPTH	SY	757
N/A	BRICK PAVEMENT INSTALL	SY	757
N/A	SAND BASE OR SIMILAR MATERIAL, 1" AVG DEPTH	SY	757

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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P.E. LICENSE NUMBER 77634  
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806 E JACKSON ST  
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CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
7TH AVE	HILLSBOROUGH	----

*ROADWAY PLAN*

SHEET NO.  
R5



TABULATION OF QUANTITIES			
PAY ITEM	DESCRIPTION	UNIT	TOTAL
0327 70 7	MILL EXISTING ASPHALT PAVEMENT, 4" AVG DEPTH	SY	755
N/A	BRICK PAVEMENT INSTALL	SY	755
N/A	SAND BASE OR SIMILAR MATERIAL, 1" AVG DEPTH	SY	755

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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 TAMPA, FLORIDA 33602

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
7TH AVE	HILLSBOROUGH	----

*ROADWAY PLAN*

SHEET NO.  
R6

TABULATION OF QUANTITIES			
PAY ITEM	DESCRIPTION	UNIT	TOTAL
0711 16201	THERMOPLASTIC, STANDARD, YELLOW, 6"	LF	114



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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TAMPA, FLORIDA 33602

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
7TH AVE	HILLSBOROUGH	----

**PAVEMENT MARKING PLAN**

SHEET NO.
SP1

TABULATION OF QUANTITIES			
PAY ITEM	DESCRIPTION	UNIT	TOTAL
0711 16201	THERMOPLASTIC, STANDARD, YELLOW, 6"	LF	110



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
7TH AVE	HILLSBOROUGH	----

**PAVEMENT MARKING PLAN**

SHEET NO.
SP2