



**City of Tampa**

*Jane Castor, Mayor*

**Contract Administration**  
**Michael W. Chucran, Director**

306 East Jackson Street, 4N  
Tampa, FL 33602

Office (813) 274-8116

Fax: (813) 274-7368

**ADDENDUM 4**

**Via E-Mail**

**DATE: November 20, 2020**

Contract 20-C-00039; ARMENIA AVE AT BUSCH BLVD INTERSECTION IMPROVEMENTS

Bidders on the above referenced project are hereby notified that the following addendum is made to the Contract Documents. BIDS TO BE SUBMITTED SHALL CONFORM TO THIS NOTICE.

Item 1: Replace proposal pages P2 through P-5 with the attached proposal pages P-2R through P-5R.

Item 2: Replace plan sheets 1, 3, 4, SQ-1 and SQ-19 with the attached plan sheets 1, 3, 4, SQ-1 and SQ-19.

All other provisions of the Contract Documents and Specifications not in conflict with this Addendum shall remain in full force and effect. Questions are to be e-mailed to Contract Administration@tampagov.net.

*Jim Greiner*

Jim Greiner, P.E., Contract Management Supervisor

**Contract 20-C-00039;  
Armenia Avenue at Busch Boulevard Intersection Improvements**

PAY ITEMS						
SUMMARY OF ROADWAY						
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
0101 1	MOBILIZATION	LS	1			
0102 1	MAINTENANCE OF TRAFFIC	LS	1			
	CONTINGENCY	LS	1	One hundred twenty-five thousand dollars and no cents	\$125,000.00	\$ 125,000.00
0102107 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	350			
0104 10 3	SEDIMENT BARRIER	LF	1325			
0104 18	INLET PROTECTION SYSTEM	EA	13			
0110 1 1	CLEARING & GRUBBING (AC = 3.08)	LS	1			
0110 4 10	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	2992			
0120 1	REGULAR EXCAVATION	CY	2411.9			
0120 6	EMBANKMENT	CY	616.5			
0160 4	TYPE B STABILIZATION	SY	5815			
0285707	OPTIONAL BASE, BASE GROUP 07	SY	4052			
0285709	OPTIONAL BASE, BASE GROUP 09	SY	583			
0286 2	TURNOUT CONSTRUCTION-ASPHALT	TN	88.4			
0327 70 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	SY	4723			
0327 70 6	MILLING EXIST ASPH PAVT, 1.5" AVG DEPTH	SY	2882			
0334 1 53	SUPERPAVE ASPHALTIC CONC (TRAFFIC C, PG 76-22)	TN	802.7			
0337 7 83	ASPHALT CONCRETE FRICTION COURSE (TRAFFIC C, FC-12.5, PG 76-22)	TN	1038.1			
0339 1	MISCELLANEOUS ASPHALT PAVEMENT	TN	3.5			
0400 1 2	CONCRETE CLASS I, ENDWALLS	CY	1.2			
0425 1341	INLETS, CURB, TYPE P-4, <10'	EA	1			
0425 1351	INLETS, CURB, TYPE P-5, <10'	EA	2			
0425 1471	INLETS, CURB, TYPE 7, <10'	EA	1			
0425 2 41	MANHOLES, P-7, <10'	EA	2			
0425 2 43	MANHOLES, P-7, PARTIAL	EA	2			
0425 2 71	MANHOLES, J-7, <10'	EA	1			
0425 5	MANHOLE, ADJUST	EA	2			
0425 5 1	MANHOLE, ADJUST, UTILITIES	EA	2			
0425 6	VALVE BOXES, ADJUST	EA	26			
0430175115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"S/CD	LF	95			
0430175118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	1313			
0430175215	PIPE CULVERT, OPTIONAL MATERIAL, OTHER-ELIP/ARCH, 15"S/CD	LF	36			
0430175218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER-ELIP/ARCH, 18"S/CD	LF	4			
0430982125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	1			
0430984125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	1			

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0515 1 1	PEDESTRIAN / BICYCLE RAILING, STEEL, 42"	LF	20		
0520 1 7	CONCRETE CURB & GUTTER, TYPE E	LF	199		
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF	5304		
0520 2 4	CONCRETE CURB, TYPE D	LF	132		
0520 5 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	220		
0520 6	SHOULDER GUTTER - CONCRETE	LF	54		
0522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	3118		
0522 4	BUS SHELTER PAD- CONCRETE	SY	36		
0527 2	DETECTABLE WARNINGS	SF	408		
0530 3 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	2.1		
0550 10220	FENCING, TYPE B, 5.1-6.0', STANDARD	LF	459		
0550 60237	FENCE GATE, TYPE B, SLIDING/CANTILEVER, GREATER THAN 30' OPENING	EA	1		
0570 1 1	PERFORMANCE TURF	SY	60		
0570 1 2	PERFORMANCE TURF, SOD	SY	4693		
COT425 1	COT STANDARD INLET TYPE BV-1	EA	3		
COT425 2	COT STANDARD INLET TYPE BS-1	EA	4		
COT425 5	COT STANDARD INLET TYPE T	EA	2		
COT425 5m	COT STANDARD INLET TYPE T (MODIFIED)	EA	1		

**A - TOTAL**

**PAY ITEMS**

**SUMMARY OF SIGNING AND PAVEMENT MARKINGS**

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	43			
0700 1 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	3			
0700 1 50	SINGLE POST SIGN, RELOCATE	AS	15			
0700 1 60	SINGLE POST SIGN, REMOVE	AS	24			
0700 2 60	MULTI-POST SIGN, REMOVE	AS	1			
0700 3 601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	4			
0700 13 15	RETROREFLECTIVE SIGN STRIP - FURNISH AND INSTALL, 5'	EA	2			
0705 11 1	DELINEATOR, FLEXIBLE TUBULAR	EA	8			
0710 11190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND NOSE	SF	7			
0710 11290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	94			
0710 90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	LS	1			
0711 11102	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" FOR URBAN ISLAND	GM	0.031			
0711 11103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR DROP LANE	GM	0.087			
0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK	LF	1185			
0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE	LF	409			
0711 11141	THERMOPLASTIC, STANDARD, WHITE, (2/4) DOTTED GUIDE LINE/(6/10) GAP EXTENSION, 6"	GM	0.228			
0711 11160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	13			
0711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROWS	EA	28			
0711 11224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONALS	LF	141			
0711 11241	THERMOPLASTIC, STANDARD, YELLOW, (2/4) DOTTED GUIDE LINE, 6"	GM	0.048			
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	1124			

**Contract 20-C-00039;**  
**Armenia Avenue at Busch Boulevard Intersection Improvements**

0711 16101	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SOLID, 6"	GM	0.901			
0711 16131	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, (10/30) SKIP, 6"	GM	0.107			
0711 16133	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, (3/9) SKIP, 12" FOR DROP LANE	GM	0.122			
0711 16201	THERMOPLASTIC, STD - OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.669			
0711 17 1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	SF	85			
<b>B - TOTAL</b>						
<b>PAY ITEMS</b>						
<b>SUMMARY OF LIGHTING</b>						
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
0715 1 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	1110			
0715 4 70	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	1			
0715 21 1	LIGHTING REPAIRS- ELECTRICAL WORK	LS	1			
<b>C - TOTAL</b>						
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
0630 2 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	366			
0630 2 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	335			
0630 2 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	20			
0632 7 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	1			
0632 7 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	1			
0633 8 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	199			
0634 4153	SPAN WIRE ASSEMBLY, F&I, TWO POINT, BOX OR DROP BOX	PI	1			
0634 5 1	FIBERGLASS INSULATOR, FURNISH & INSTALL	LF	48			
0635 2 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	12			
0635 2 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	2			
0639 1122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	1			
0639 2 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	35			
0639 3 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	1			
0641 2 11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA	1			
0641 2 17	PRESTRESSED CONCRETE POLE, F&I, TYPE P-VII	EA	4			
0641 2 70	PRESTRESSED CONCRETE POLE, SHALLOW POLE REMOVAL- POLE 30' AND GREATER	EA	2			
0646 1 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	8			
0646 1 60	ALUMINUM SIGNALS POLE, REMOVE	EA	8			
0650 1 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	10			
0650 1 16	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	2			
0653 1 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	8			
0660 3 11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA	4			
0660 3 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	4			
0665 1 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	8			
0670 5112	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 2 PREEMPTION	AS	1			
0670 5600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	1			
0695 1 13	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE WITH CABINET	EA	1			
0700 5 50	INTERNALLY ILLUMINATED SIGN, RELOCATE	EA	4			
0700 11391	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL OVERHEAD MOUNT- AC POWERED, BLANK OUT SIGN, UP TO 12 SF	AS	1			
<b>D - TOTAL</b>						

**Contract 20-C-00039;  
Armenia Avenue at Busch Boulevard Intersection Improvements**

**PAY ITEMS**

<b>SUMMARY OF UTILITIES</b>						
<b>PAY ITEM NO.</b>	<b>PAY ITEM DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE IN WORDS</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
704.06	FURNISH & INSTALL 4"DIA. C900 PVC PIPE, CL-150, GREEN, 0'-6' CUT	LF	80			
2102.00	FURNISH & INSTALL 6" DUCTILE IRON PIPE	LF	46			
2104.00	FURNISH & INSTALL 8" DUCTILE IRON PIPE	LF	685			
2106.00	FURNISH & INSTALL 12" DUCTILE IRON PIPE	LF	52			
2400.40	FURNISH & INSTALL 4" DIA. C900 PVC OR DIP, BENDS, SLEEVES, REDUCERS, CAPS OR PLUGS	EA	18			
2500.00	REMOVE 1" - 3" DIA. ABANDONED PIPE	LF	844			
2501.00	REMOVE 4" - 12" DIA. ABANDONED PIPE	LF	1804			
2600.00	CUT & PLUG 3" AND SMALLER	EA	1			
2601.00	CUT & PLUG 4", 6" AND 8" PIPE	EA	4			
3042.00	FURNISH & INSTALL 8" BELL OR MECHANICAL JOINT RESTRAINTS ON EXISTING PIPE	EA	4			
3043.00	FURNISH & INSTALL 12" BELL OR MECHANICAL JOINT RESTRAINTS ON EXISTING PIPE	EA	1			
3072.00	FURNISH 8" PUSH-ON JOINT RESTRAINT GASKETS	EA	30			
3073.00	FURNISH 12" PUSH-ON JOINT RESTRAINT GASKETS	EA	4			
3304.10	FURNISH & INSTALL 4" DIA. BELL RESTRAINT	EA	2			
3304.20	FURNISH & INSTALL 4" DIA. THRUST RESTRAINT	EA	16			
4005.00	FURNISH & INSTALL 6" DUCTILE IRON MJ BEND, SLEEVE	EA	6			
4009.00	FURNISH & INSTALL 8" DUCTILE IRON MJ BEND, SLEEVE	EA	31			
4010.00	FURNISH & INSTALL 8"x6" DUCTILE IRON MJ TEE	EA	1			
4013.00	FURNISH & INSTALL 12" DUCTILE IRON MJ BEND, SLEEVE OR REDUCER	EA	7			
5000.00	FURNISH & INSTALL FULL STD. FIRE HYDRANT ASSEMBLY ON NEW OR EXISTING MAINS	EA	1			
5200.00	REMOVE & SALVAGE HYDRANT	EA	1			
6001.00	FURNISH & INSTALL 6" GATE OR TAPPING VALVE AND BOX ON DIP	EA	2			
6002.00	FURNISH & INSTALL 8" GATE OR TAPPING VALVE AND BOX ON DIP	EA	6			
6003.00	FURNISH & INSTALL 12" GATE OR TAPPING VALVE AND BOX ON DIP	EA	1			
6107.00	FURNISH & INSTALL 8" LINE STOP ON EXISTING WATER MAIN	EA	2			
6108.00	FURNISH & INSTALL 12" LINE STOP ON EXISTING WATER MAIN	EA	1			
7500.00	FURNISH & INSTALL 4" AIR RELEASE VALVE	EA	2			
8107.00	FURNISH, TAP & INSTALL 1" METER SERVICE (+15' - 80')	EA	2			
8128.00	FURNISH, TAP & INSTALL 2" METER SERVICE (+15' - 80')	EA	3			
<b>E - TOTAL</b>						
<b>A+B+C+D+E = TOTAL</b>						

**COMPONENTS OF CONTRACT PLANS SET**

- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKING PLANS
- SIGNALIZATION PLANS

**CITY OF TAMPA  
TRANSPORTATION DIVISION**

**CONTRACT PLANS**

CITY OF TAMPA PROJECT NO. 000005  
CONTRACT NO: 12-D-00057  
FINANCIAL PROJECT ID 437044-1-54-01  
ARMENIA AVENUE AT BUSCH BOULEVARD



A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

**INDEX OF ROADWAY PLANS**

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3 - 4	SUMMARY OF PAY ITEMS
5 - 9	DRAINAGE MAP
10 - 12	TYPICAL SECTION
13 - 14	TYPICAL SECTION DETAILS
15	SUMMARY OF DRAINAGE STRUCTURES
16 - 17	PROJECT LAYOUT
18	PROJECT CONTROL
19 - 20	GENERAL NOTES
21 - 26	ROADWAY PLAN-PROFILES
27	ALIGNMENT DETAIL
28	INTERSECTION DETAIL
29	DRAINAGE DETAILS
30 - 38	DRAINAGE STRUCTURES
39 - 41	POND CROSS SECTIONS
42	ROADWAY SOIL SURVEY
43	ROADWAY SOIL PROFILES
44 - 66	CROSS SECTIONS
67 - 71	DRIVEWAY HALF SECTIONS
72 - 75	STORM WATER POLLUTION PREVENTION PLAN
76 - 83	TEMPORARY TRAFFIC CONTROL PLAN
84 - 90	UTILITY ADJUSTMENTS
91 - 110	UTILITY RELOCATION SHEETS
SQ-1 - SQ-19	SUMMARY OF QUANTITIES

**EQUATION**  
STA. 129+40.70 BK =  
STA. 129+37.70 AH

DOT #626889A  
CSXT MP SY851.32  
STA. 30+00.00 Q RR R/W  
STA. 128+11.75 XS B

**GOVERNING DESIGN STANDARDS:**

Florida Department of Transportation, FY 2020/21 Standard Plans for Road and Bridge Construction and applicable Standard Plans Interim Revisions (SPIRs). Standard Plans for Road Construction and SPIRs are available at the following website: <http://www.fdot.gov/design/standardplans>

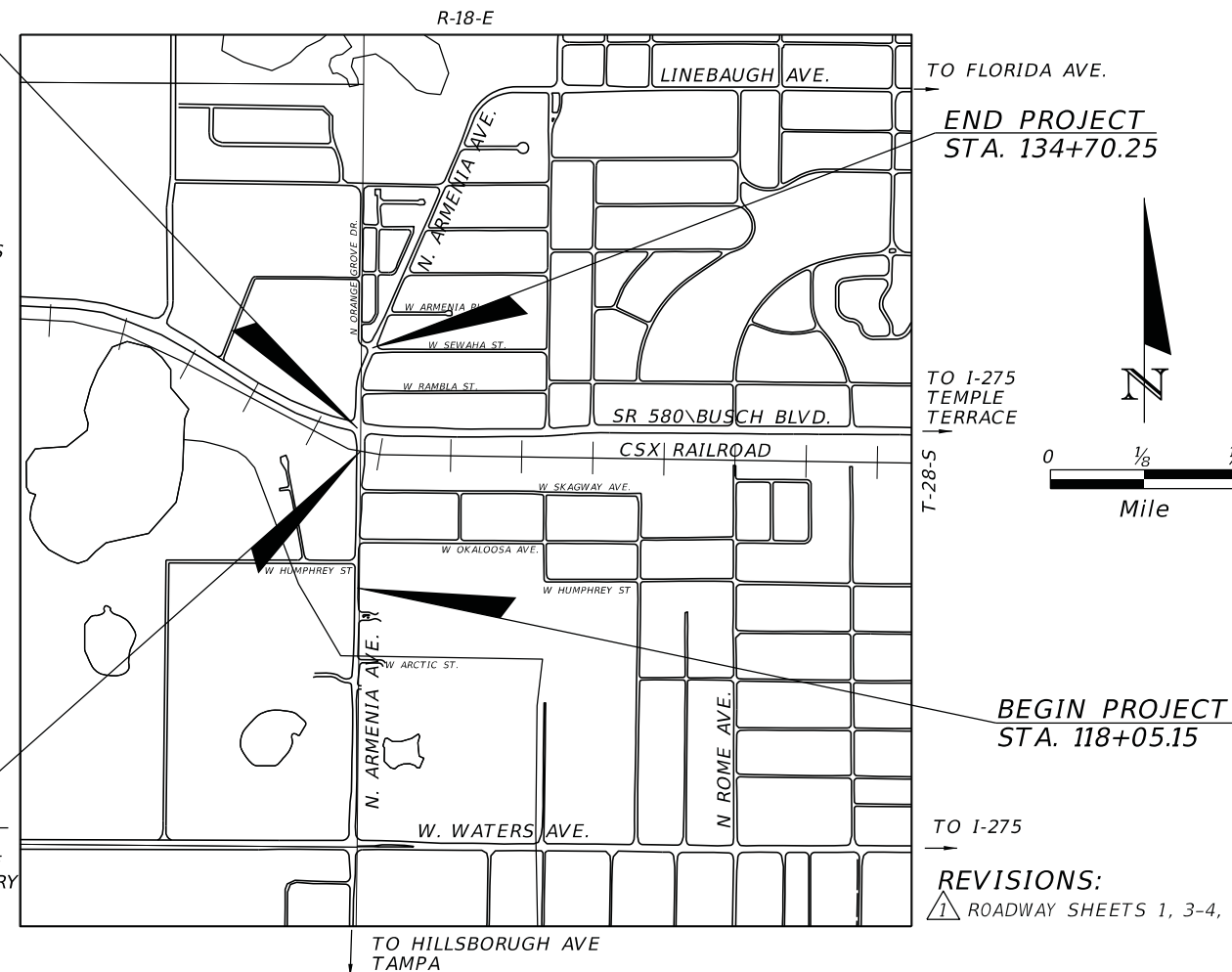
And City of Tampa Stormwater Standards; which can be found at the following web site:  
[http://www.tampagov.net/sites/default/files/stormwater/files/SW\\_Standard\\_details.pdf](http://www.tampagov.net/sites/default/files/stormwater/files/SW_Standard_details.pdf)

For the City of Tampa Wastewater Department Technical Standards Guideline for Construction of Wastewater Facilities Click on the "Technical Standards" link at the following web site:  
<https://www.tampagov.net/wastewater/info>

For the City of Tampa Water Department Engineering Standard Details, Click on the "Engineering Standard Details" link at the following web site:  
<https://www.tampagov.net/water/programs/establishing-water-service>

**GOVERNING STANDARD SPECIFICATIONS:**

Florida Department of Transportation, JULY 2020 Standard Specifications for Road and Bridge Construction at the following website:  
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>



ROADWAY SHOP DRAWINGS TO BE SUBMITTED TO:  
DEREK M. GIL, P.E.  
ELEMENT ENGINEERING GROUP  
1713 E. 9th AVENUE  
TAMPA, FL 33605

PLANS PREPARED BY:



1713 E. 9th AVENUE | TAMPA, FL 33605  
P 813.386.2101 | TF 888.603.1942 | F 813.386.2106  
EOR | DEREK M. GIL, PE 54798

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

**REVISIONS:**

△ ROADWAY SHEETS 1, 3-4, SQ-1, SQ-19 (REVISED 11/03/20)

PROJECT LENGTH IS BASED ON THE B SURVEY

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	1668.10	0.316
BRIDGES	0.00	0.000
NET LENGTH OF PROJECT	1668.10	0.316
EXCEPTIONS	0.00	0.000
GROSS LENGTH OF PROJECT	1668.10	0.316

CITY PROJECT MANAGER: NINA MABILLEAU, E.I.

ROADWAY PLANS  
ENGINEER OF RECORD: DEREK M. GIL

P.E. NO.: 54798

FISCAL YEAR	SHEET NO.
21	1

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

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PAY ITEMS			
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0711 11102	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" FOR URBAN ISLAND	GM	0.031
0711 11103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR DROP LANE	GM	0.087
0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK	LF	1185
0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE	LF	409
0711 11141	THERMOPLASTIC, STANDARD, WHITE, (2/4) DOTTED GUIDE LINE/(6/10) GAP EXTENSION, 6"	GM	0.228
0711 11160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	13
0711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROWS	EA	28
0711 11224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONALS	LF	141
0711 11241	THERMOPLASTIC, STANDARD, YELLOW, (2/4) DOTTED GUIDE LINE, 6"	GM	0.048
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	1124
0711 16101	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SOLID, 6"	GM	0.901
0711 16131	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, (10/30) SKIP, 6"	GM	0.107
0711 16133	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, (3/9) SKIP, 12" FOR DROP LANE	GM	0.122
0711 16201	THERMOPLASTIC, STD - OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.669
0711 17 1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	SF	85

PAY ITEMS			
SUMMARY OF LIGHTING			
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY
0715 1 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	1110
0715 4 70	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	1
0715 21 1	LIGHTING REPAIRS- ELECTRICAL WORK	LS	1

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
11/20	REVISED QUANTITY		




CITY OF TAMPA TRANSPORTATION DIVISION
CONTRACT NO: 12-D-00057
ARMENIA AVENUE INTERSECTION PROJECT AT SR 580/BUSCH BLVD.

SUMMARY OF PAY ITEMS	SHEET NO. 3
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PAY ITEMS				
SUMMARY OF SIGNALIZATION				
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY	
0630 2 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	336	
0630 2 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	335	
0630 2 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	20	
0632 7 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	1	
0632 7 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	1	
0633 8 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	199	
0634 4153	SPAN WIRE ASSEMBLY, F&I, TWO POINT, BOX OR DROP BOX	PI	1	
0634 5 1	FIBERGLASS INSULATOR, FURNISH & INSTALL	LF	48	
0635 2 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	12	
0635 2 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	2	
0639 1122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	1	
0639 2 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	35	
0639 3 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	1	
0641 2 11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA	1	
0641 2 17	PRESTRESSED CONCRETE POLE, F&I, TYPE P-VII	EA	4	
0641 2 70	PRESTRESSED CONCRETE POLE, SHALLOW POLE REMOVAL- POLE 30' AND GREATER	EA	2	
0646 1 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	8	
0646 1 60	ALUMINUM SIGNALS POLE, REMOVE	EA	8	
0650 1 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	10	
0650 1 16	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	2	
0653 1 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	8	
0660 3 11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA	4	
0660 3 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	4	
0665 1 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	8	
0670 5112	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 2 PREEMPTION	AS	1	
0670 5600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	1	
0685 1 13	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE WITH CABINET	EA	1	
0700 5 50	INTERNALLY ILLUMINATED SIGN, RELOCATE	EA	4	
0700 11391	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL OVERHEAD MOUNT- AC POWERED, BLANK OUT SIGN, UP TO 12 SF	AS	1	

PAY ITEMS				
SUMMARY OF UTILITIES				
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY	
704.06	FURNISH & INSTALL 4"DIA. C900 PVC PIPE, CL-150, GREEN, 0'-6' CUT	LF	80	
2102.00	FURNISH & INSTALL 6" DUCTILE IRON PIPE	LF	46	
2104.00	FURNISH & INSTALL 8" DUCTILE IRON PIPE	LF	685	
2106.00	FURNISH & INSTALL 12" DUCTILE IRON PIPE	LF	52	
2400.40	FURNISH & INSTALL 4" DIA. C900 PVC OR DIP, BENDS, SLEEVES, REDUCERS, CAPS OR PLUGS	EA	18	
2500.00	REMOVE 1" - 3" DIA. ABANDONED PIPE	LF	844	
2501.00	REMOVE 4" - 12" DIA. ABANDONED PIPE	LF	1804	
2600.00	CUT & PLUG 3" AND SMALLER	EA	1	
2601.00	CUT & PLUG 4", 6" AND 8" PIPE	EA	4	
3042.00	FURNISH & INSTALL 8" BELL OR MECHANICAL JOINT RESTRAINTS ON EXISTING PIPE	EA	4	
3043.00	FURNISH & INSTALL 12" BELL OR MECHANICAL JOINT RESTRAINTS ON EXISTING PIPE	EA	1	
3072.00	FURNISH 8" PUSH-ON JOINT RESTRAINT GASKETS	EA	30	
3073.00	FURNISH 12" PUSH-ON JOINT RESTRAINT GASKETS	EA	4	
3304.10	FURNISH & INSTALL 4" DIA. BELL RESTRAINT	EA	2	
3304.20	FURNISH & INSTALL 4" DIA. THRUST RESTRAINT	EA	16	
4005.00	FURNISH & INSTALL 6" DUCTILE IRON MJ BEND, SLEEVE	EA	6	
4009.00	FURNISH & INSTALL 8" DUCTILE IRON MJ BEND, SLEEVE	EA	31	
4010.00	FURNISH & INSTALL 8"X6" DUCTILE IRON MJ TEE	EA	1	
4013.00	FURNISH & INSTALL 12" DUCTILE IRON MJ BEND, SLEEVE OR REDUCER	EA	7	
5000.00	FURNISH & INSTALL FULL STD. FIRE HYDRANT ASSEMBLY ON NEW OR EXISTING MAINS	EA	1	
5200.00	REMOVE & SALVAGE HYDRANT	EA	1	
6001.00	FURNISH & INSTALL 6" GATE OR TAPPING VALVE AND BOX ON DIP	EA	2	
6002.00	FURNISH & INSTALL 8" GATE OR TAPPING VALVE AND BOX ON DIP	EA	6	
6003.00	FURNISH & INSTALL 12" GATE OR TAPPING VALVE AND BOX ON DIP	EA	1	
6107.00	FURNISH & INSTALL 8" LINE STOP ON EXISTING WATER MAIN	EA	2	
6108.00	FURNISH & INSTALL 12" LINE STOP ON EXISTING WATER MAIN	EA	1	
7500.00	FURNISH & INSTALL 4" AIR RELEASE VALVE	EA	2	
8107.00	FURNISH, TAP & INSTALL 1" METER SERVICE (+15' - 80')	EA	2	
8128.00	FURNISH, TAP & INSTALL 2" METER SERVICE (+15' - 80')	EA	3	

DATE		DESCRIPTION		DATE		DESCRIPTION		 1713 E. 9th AVENUE   TAMPA, FL 33605 P 813.386.2101   TF 888.603.1942   F 813.386.2106 EOR   DEREK M. GIL, PE 54798	CITY OF TAMPA TRANSPORTATION DIVISION CONTRACT NO: 12-D-00057 ARMENIA AVENUE INTERSECTION PROJECT AT SR 580/BUSCH BLVD.	SHEET NO. 4
11/20		△	REVISED QUANTITY						SUMMARY OF PAY ITEMS	

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



SUMMARY OF LUMP SUM ITEMS					
PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0101 1	MOBILIZATION	1			
0102 1	MAINTENANCE OF TRAFFIC	1			

PAY ITEM NOTES

- 0101 1 INCLUDES DESILTING OF EXISTING PIPES AND STRUCTURES TO REMAIN
- 0102 1 INCLUDES ALL DEVICES, SIGNS & PAVEMENT MARKINGS
- 0110 1 1 INCLUDES REMOVAL OF EXISTING LIGHTING CONDUIT AND PULL BOXES, AS NOTED ON PLAN SHEET 25.
- 0570 1 2 USE BAHIA SOD FOR ALL PERFORMANCE TURF
- 0425 5 1 & 0425 6 MANHOLE AND VALVE BOX ADJUSTMENTS ARE TO BE PERFORMED BY THE CONTRACTOR WITH MATERIALS TO BE FURNISHED BY THE APPROPRIATE UTILITY. ARRANGE FOR DELIVERY/RECEIPT OF MATERIALS. COST FOR OBTAINING MATERIALS AND THE ADJUSTMENT WORK SHALL BE INCLUDED IN THE PAY ITEM.



SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS														
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE I			PHASE II			PHASE III			TOTAL		CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	P	F	
			DAYS	P	P	DAYS	P	P	DAYS	P	P	P	F	
0102107 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE OF INTERSECTION	ED	30	1	30	140	1	140	110	1	110	280		

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS													
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE IV			PHASE V			TOTAL		GRAND TOTAL		CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	P	F	P	F	
			DAYS	P	P	DAYS	P	P	P	F	P	F	
0102107 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE OF INTERSECTION	ED	40	1	40	30	1	30	70		350		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
11/20	REVISD NUMBER OF DAYS		



CITY OF TAMPA  
TRANSPORTATION DIVISION

CONTRACT NO: 12-D-00057

ARMENIA AVENUE INTERSECTION PROJECT  
AT SR 580/BUSCH BLVD.

SUMMARY OF QUANTITIES

SHEET NO.

SQ-1

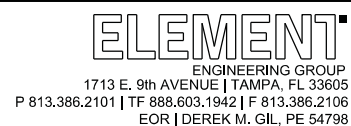
TABULATION OF LIGHTING QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS												TOTAL THIS SHEET		GRAND TOTAL	
			25												PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL						
0715 1 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	1110												1110		1110	
0715 4 70	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	1												1		1	
0715 21 1	LIGHTING REPAIRS- ELECTRICAL WORK	LS	1												1		1	

TABULATION OF UTILITY RELOCATION QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS										TOTAL THIS SHEET		GRAND TOTAL			
			93		94		95		96		97		PLAN	FINAL	PLAN	FINAL		
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL						
704.06	Furnish & Install 4"Dia. C900 PVC pipe, CL-150, Green, 0'-6' Cut	LF	48		32										80		80	
2102.00	Furnish & Install 6" Ductile Iron Pipe	LF	36		10										46		46	
2104.00	Furnish & Install 8" Ductile Iron Pipe	LF	232		186				262				5		685		685	
2106.00	Furnish & Install 12" Ductile Iron Pipe	LF										52			52		52	
2400.40	Furnish & Install 4" Dia. C900 PVC or DIP, Bends, Sleeves, Reducers, Caps or Plugs	EA	8		10										18		18	
2500.00	Remove 1" - 3" Dia. Abandoned Pipe	LF	115		650		44		35						844		844	
2501.00	Remove 4" - 12" Dia. Abandoned Pipe	LF	504		816		105		252			127			1804		1804	
2600.00	Cut & Plug 3" and smaller	EA							1						1		1	
2601.00	Cut & Plug 4", 6" and 8" Pipe	EA	1				1		2						4		4	
3042.00	Furnish & Install 8" Bell or Mechanical Joint Restraints on Existing Pipe	EA	1		3										4		4	
3043.00	Furnish & Install 12" Bell or Mechanical Joint Restraints on Existing Pipe	EA										1			1		1	
3072.00	Furnish 8" Push-On Joint Restraint Gaskets	EA	10		10				10						30		30	
3073.00	Furnish 12" Push-On Joint Restraint Gaskets	EA										4			4		4	
3304.10	Furnish & Install 4" Dia. Bell Restraint	EA	1		1										2		2	
3304.20	Furnish & Install 4" Dia. Thrust Restraint	EA	10		6										16		16	
4005.00	Furnish & Install 6" Ductile Iron MJ Bend, Sleeve	EA	5		1										6		6	
4009.00	Furnish & Install 8" Ductile Iron MJ Bend, Sleeve	EA	10		9				12						31		31	
4010.00	Furnish & Install 8"x6" Ductile Iron MJ Tee	EA	1												1		1	
4013.00	Furnish & Install 12" Ductile Iron MJ Bend, Sleeve or Reducer	EA										7			7		7	
5000.00	Furnish & Install Full Std. Fire Hydrant Assembly on New or Existing Mains	EA	1												1		1	
5200.00	Remove & Salvage Hydrant	EA	1												1		1	
6001.00	Furnish & Install 6" Gate or Tapping Valve and Box on DIP	EA	1		1										2		2	
6002.00	Furnish & Install 8" Gate or Tapping Valve and Box on DIP	EA	2		1				1			2			6		6	
6003.00	Furnish & Install 12" Gate or Tapping Valve and Box on DIP	EA										1			1		1	
6107.00	Furnish & Install 8" Line Stop on Existing Water Main	EA	1						1						2		2	
6108.00	Furnish & Install 12" Line Stop on Existing Water Main	EA										1			1		1	
7500.00	Furnish & Install 4" Air Release Valve	EA	1		1										2		2	
8107.00	Furnish, Tap & Install 1" Meter Service (+15' - 80')	EA			2										2		2	
8128.00	Furnish, Tap & Install 2" Meter Service (+15' - 80')	EA	1		1			1							3		3	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
11/20	REVISED QUANTITIES		



CITY OF TAMPA  
TRANSPORTATION DIVISION

CONTRACT NO: 12-D-00057

ARMENIA AVENUE INTERSECTION PROJECT  
AT SR 580/BUSCH BLVD.

SUMMARY OF QUANTITIES

SHEET NO.

SQ-19

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