

Date: 7/29/2020 10:53:45 AM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 439416-1-52-01

Letting Date: 01/2099

Description: New Pedestrian Overpass over US 19 at Marine Pkwy.

District: 07 **County:** 14 PASCO **Market Area:** 07 **Units:** English
Contract Class: Lump Sum Project: N **Design/Build:** N **Project Length:** 0.095 MI
Project Manager:

Version 1-P Project Grand Total

\$5,188,451.34

Description: 2020 WPUC

Sequence: 1 MIS - Miscellaneous Construction

Net Length: 0.095 MI
502 LF

Description: Construct a pedestrian overpass on US-19 at Marine Parkway. The pedestrian overpass will have switchback ramps and both will have a width of 12 feet to conform to ADA criteria. (MP 4.076 to MP 4.171)

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	0.00 / 0.00
Incidental Clearing and Grubbing Area	0.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.59	AC	\$15,003.60	\$8,852.12
120-6	EMBANKMENT	2,000.00	CY	\$16.78	\$33,560.00
Earthwork Component Total					\$42,412.12

ROADWAY COMPONENT

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-4-10	REMOVAL OF EXIST CONC	403.00	SY	\$18.27	\$7,362.81
522-3	BUS BOARDING PAD- CONCRETE	4.44	SY	\$106.65	\$473.53
570-1-2	PERFORMANCE TURF, SOD	445.87	SY	\$3.36	\$1,498.12
Roadway Component Total					\$9,334.46

SHOULDER COMPONENT

User Input Data

Description	Value
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X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
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520-1-10	CONCRETE CURB & GUTTER, TYPE F	596.21 LF	\$25.26	\$15,060.26
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	557.33 SY	\$43.77	\$24,394.33
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	96.00 SY	\$59.54	\$5,715.84
	Comment: Pedestrian Bridge surface			
	Shoulder Component Total			\$45,170.43

DRAINAGE COMPONENT

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	3.00 EA	\$4,876.89	\$14,630.67
425-1-451	INLETS, CURB, TYPE J-5, <10'	1.00 EA	\$7,343.87	\$7,343.87
430-173-136	PIPE CULV OPT MATL, ROUND, 36", GD	600.00 LF	\$134.77	\$80,862.00
	Drainage Component Total			\$102,836.54

SIGNING COMPONENT

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-50	SINGLE POST SIGN, RELOCATE	2.00 AS	\$143.11	\$286.22
700-2-50	MULTI- POST SIGN, RELOCATE	1.00 AS	\$3,936.26	\$3,936.26
	Signing Component Total			\$4,222.48

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	Miscellaneous
Multiplier	1
Description	Additional signal heads required on pedestrian overpass

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	5.00 AS	\$998.19	\$4,990.95
	Signalizations Component Total			\$4,990.95

LIGHTING COMPONENT

Conventional Lighting Subcomponent

Description	Value
Spacing	MAX
Pay Items	

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1.00 LF	\$9.43	\$9.43
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	1.00 LF	\$22.82	\$22.82
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	1.00 EA	\$749.93	\$749.93
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36"	1.00 EA	\$1,496.31	\$1,496.31
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	1.00 LF	\$1.99	\$1.99
715-4-13	LIGHT POLE COMPLETE, F&I-STD, 40'	4.00 EA	\$5,729.70	\$22,918.80
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	4.00 EA	\$574.76	\$2,299.04
Subcomponent Total				\$27,498.32

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
715-5-30	LUMINAIRE & BRACKET ARM, INSTALL	4.00 EA	\$928.56	\$3,714.24
715-11-115	LUMINAIRE, F&I, ROADWAY, WALL MOUNT Comment: Bridge length (142') X 2 sides / (lights per 15') = 18.9 EA	19.00 EA	\$2,795.21	\$53,108.99
715-516-120	LIGHT POLE COMP,F&I,POLE TOP MNT, AL,20' Comment: Ramp length (150') X 2 ramps X 2 sides / (Poles per 70') = 8.57 EA	9.00 EA	\$9,083.19	\$81,748.71
Lighting Component Total				\$166,070.26

BRIDGES COMPONENT

Bridge 439416

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	150.00
Width (LF)	12.00
Type	Overpass Bridge
Cost Factor	1.00
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$120.00
Factored Cost per SF	\$120.00
Final Cost per SF	\$1,892.82
Basic Bridge Cost	\$216,000.00
Description	PEDESTRIAN OVERPASS BRIDGE 150' X 12'

Bridge Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
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Bridge X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
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108-1	MONITOR EXISTING STRUCTURES- SETTL	1.00 LS	\$9,517.15	\$9,517.15
108-2	MONITOR EXISTING STRUCTURES- VIBRA	1.00 LS	\$19,173.75	\$19,173.75
108-3	MONITOR EXISTING STRUCTURES- GROUND	1.00 LS	\$31,116.67	\$31,116.67
400-2-4	CONC CLASS II, BRIDGE SUPERSTRUCTURE	300.90 CY	\$708.69	\$213,244.82
400-4-5	CONC CLASS IV, SUBSTRUCTURE	431.90 CY	\$1,128.46	\$487,381.87
415-1-4	REINF STEEL- SUPERSTRUCTURE	66,198.00 LB	\$1.02	\$67,521.96
415-1-5	REINF STEEL- SUBSTRUCTURE	91,053.00 LB	\$0.98	\$89,231.94
455-88-5	DRILLED SHAFT, 48" DIA	600.00 LF	\$2,300.00	\$1,380,000.00
455-107-5	DRILLED SHAFT CASING, 48" DIA	200.00 LF	\$395.00	\$79,000.00
455-147-1	THERMAL INTEGRITY TESTING, UP TO 4' SHAF	4.00 EA	\$2,009.36	\$8,037.44
458-1-11	BRIDGE DECK EXPANSION JNT,NEW,POURED	53.30 LF	\$41.79	\$2,227.41
460-7	PREFABRICATED STEEL PED BRIDGE	2,025.00 SF	\$308.42	\$624,550.50
506-2	BRIDGE DRAINAGE PIPE	100.00 LF	\$211.17	\$21,117.00
506-3	BRIDGE DRAINS	2.00 EA	\$3,247.97	\$6,495.94
515-2-311	PED/BICYCLE RAILING, ALUM,42" TYPE 1	1,243.20 LF	\$66.39	\$82,536.05
521-6-11	CONC PARAPET, PED/BIKE, 27"	1,243.20 LF	\$56.24	\$69,917.57
Bridge 439416 Total				\$3,407,070.07
Bridges Component Total				\$3,407,070.07

MISCELLANEOUS COMPONENT

X-Items	Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
	120-6	EMBANKMENT	86.00	CY	\$16.78	\$1,443.08
		Comment: Bridge Embankment				
	400-2-11	CONC CLASS II, RETAINING WALLS	50.60	CY	\$778.14	\$39,373.88
		Comment: Pedestrian Bridge Substructure				
	415-1-3	REINF STEEL- RETAINING WALL	6,831.00	LB	\$1.00	\$6,831.00
		Comment: 135 lbs/CY: 50.6 CY X 135 lbs/CY =6831				
Miscellaneous Component Total						\$47,647.96

Sequence 1 Total **\$3,829,755.27**

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District: 07 **County:** 14 PASCO **Market Area:** 07 **Units:** English

Contract Class: Lump Sum **Project:** N **Design/Build:** N **Project Length:** 0.095 MI

Project Manager:

Version 1-P Project Grand Total **\$5,188,451.34**
Description: 2020 WPUC

Project Sequences Subtotal **\$3,829,755.27**

102-1	Maintenance of Traffic	8.00 %	\$306,380.42
101-1	Mobilization	8.00 %	\$330,890.86

Project Sequences Total **\$4,467,026.55**

Project Unknowns	15.00 %	\$670,053.98
Design/Build	0.00 %	\$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	\$51,370.81	\$51,370.81

Project Non-Bid Subtotal **\$51,370.81**

Version 1-P Project Grand Total **\$5,188,451.34**