
Appendix C

Cost Estimates

Midblock Crossing Cost Estimate

FDOT Long Range Estimating System - Production					
R4: Project Details Composite Report					
By Version					
Project: MIDXWK-O-05-BB				Letting Date: 01/2055	
Description: Mid-Block Crossing					
District: 09	County: 99 DISTRICT/STATE WIDE				
Project Manager: Cost Model					
Version 11 Project Grand Total					
					\$120,051.93
Description: June 2016 Update					
Pay Items					
Pay Item	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
102-1	MAINTENANCE OF TRAFFIC	10.00			\$9,449.19
101-1	MOBILIZATION	10.00			\$10,394.11
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	10.00	SY	\$38.61	\$386.10
527-2	DETECTABLE WARNINGS	16.00	SF	\$27.32	\$437.12
630-2-11	CONDUIT, F& I, OPEN TRENCH	45.00	LF	\$9.58	\$431.10
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	505.00	LF	\$15.38	\$7,766.90
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	\$5,216.50	\$5,216.50
633-4-1	SIGNALS COMMUNIC- TWISTED PAIR CABLE	436.00	LF	\$2.60	\$1,133.60
635-1-11	PULL & JUNCTION BOX, F&I, PULL BOX	4.00	EA	\$624.74	\$2,498.96
635-2-13	PULL & SPLICE BOX, F&I, 30" X 60" OR 36"	1.00	EA	\$2,589.90	\$2,589.90
639-1-122	ELECTRICAL POWER SRV,F&I, UG,PUR CONT	1.00	AS	\$2,028.29	\$2,028.29
639-2-1	ELECTRICAL SERVICE WIRE, F&I	252.00	LF	\$9.86	\$2,484.72
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	1.00	EA	\$1,104.38	\$1,104.38
649-31-203	M/ARM,F&I, WS-130,SINGLE ARM,W/O LUM-60	1.00	EA	\$32,532.79	\$32,532.79
650-1-14	TRAFFIC SIGNAL,F&I ALUMINUM, 3 S 1 W	4.00	AS	\$899.33	\$3,597.32
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	2.00	AS	\$679.41	\$1,358.82
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	2.00	EA	\$947.83	\$1,895.66
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00	AS	\$26,002.90	\$26,002.90
700-1-11	SINGLE POST SIGN, F&I GM,	4.00	AS	\$325.66	\$1,302.64
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	2.00	EA	\$328.01	\$656.02
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	10.00	EA	\$3.39	\$33.90

FDOT Long Range Estimating System - Production					
R4: Project Details Composite Report					
By Version					
Project: MIDXWK-O-05-BB				Letting Date: 01/2055	
Description: Mid-Block Crossing					
District: 09	County: 99 DISTRICT/STATE WIDE				
Project Manager: Cost Model					
Version 11 Project Grand Total					
					\$120,051.93
Description: June 2016 Update					
Pay Items					
Pay Item	Description	Total Quantity	Unit	Weighted Avg. Unit Price	Total Amount
711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	200.00	LF	\$2.18	\$436.00
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	72.00	LF	\$4.00	\$288.00
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.04	GM	\$3,926.85	\$157.07
711-17	THERMOPLASTIC, REMOVE	69.00	SF	\$2.22	\$153.18
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)	1.00	LS	\$5,716.76	\$5,716.76
Project Unknowns			0.00	%	\$0.00
Design/Build			0.00	%	\$0.00
Version 11 Project Grand Total					\$120,051.93

Alternative B (N2) Cost Estimate

Date: 7/6/2018 8:43:26 AM

FDOT Long Range Estimating System - Production R3: Project Details by Sequence Report

Project: SUNTRA-1-52-01

Letting Date: 01/2099

Description: Sun Coast Trail Alt. B

District: 07 County: 10 HILLSBOROUGH Market Area: 08 Units: English
 Contract Class: Lump Sum Project: N Design/Build: N Project Length: 11.300 MI

Project Manager:

Version 1-P Project Grand Total **\$6,935,038.94**

Description: Sun Coast Trail Alt. B

Sequence: 1 MIS - Miscellaneous Construction Net Length: 11.300 MI
59,664 LF

Description: Sun Coast Trail Alt. B

ROADWAY COMPONENT

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	21.91 AC	\$26,617.98	\$583,199.94
110-4-10	REMOVAL OF EXIST CONC	9,496.33 SY	\$18.98	\$180,240.34
160-4	TYPE B STABILIZATION	106,039.36 SY	\$7.14	\$757,121.03
285-701	OPTIONAL BASE,BASE GROUP 01	83,969.92 SY	\$16.59	\$1,393,060.97
334-1-11	SUPERPAVE ASPHALTIC CONC, TRAFFIC A	6,561.20 TN	\$106.39	\$698,046.07
527-2	DETECTABLE WARNINGS	420.00 SF	\$28.93	\$12,150.60
570-1-2	PERFORMANCE TURF, SOD	26,509.84 SY	\$3.36	\$89,073.06
Roadway Component Total				\$3,712,892.01

BRIDGES COMPONENT

Bridge 1

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	120.00
Width (LF)	12.00
Type	Pedestrian Overpass
Cost Factor	1.00
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$273.00
Factored Cost per SF	\$273.00
Final Cost per SF	\$273.00
Basic Bridge Cost	\$393,120.00
Description	PEDESTRIAN BRIDGE OVER BULLFROG CREEK

Bridge 1 Total \$393,120.00

Bridge 2

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	100.00
Width (LF)	12.00
Type	Pedestrian Overpass
Cost Factor	1.00
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$273.00
Factored Cost per SF	\$273.00
Final Cost per SF	\$1,183.70
Basic Bridge Cost	\$327,600.00
Description	PEDESTRIAN OVERPASS ON CAUSEWAY BLVD

Bridge EX-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
EX-01	RAMPS	1.00	LS	\$1,092,838.00	\$1,092,838.00
	Comment: CONTINUOUS 245' APPROACH RAMPS WITH 5' LANDINGS ON EITHER SIDE OF THE PEDESTRIAN OVERPASS ON CAUSEWAY BLVD				

Bridge 2 Total \$1,420,438.00

Bridge 3

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	70.00
Width (LF)	12.00
Type	Pedestrian Overpass
Cost Factor	1.00
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$273.00
Factored Cost per SF	\$273.00
Final Cost per SF	\$273.00
Basic Bridge Cost	\$229,320.00
Description	PEDESTRIAN BRIDGE OVER CANAL NORTH OF CAUSEWAY BLVD.

Bridge 3 Total \$229,320.00

Bridge 4

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	40.00

Width (LF)	12.00
Type	Pedestrian Overpass
Cost Factor	1.00
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$273.00
Factored Cost per SF	\$273.00
Final Cost per SF	\$273.00
Basic Bridge Cost	\$131,040.00
Description	PEDESTRIAN BRIDGE OVER CANAL NEAR SOUTH 49TH AVE AND MARK DRIVE

Bridge 4 Total	\$131,040.00
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Bridges Component Total	\$2,173,918.00
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Sequence 1 Total	\$5,886,810.01
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Date: 7/6/2018 8:43:26 AM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: SUNTRA-1-52-01

Letting Date: 01/2099

Description: Sun Coast Trail Alt. B

District: 07

County: 10 HILLSBOROUGH

Market Area: 08

Units: English

Contract Class: Lump Sum Project: N

Design/Build: N

Project Length: 11.300 MI

Project Manager:

Version 1-P Project Grand Total

\$6,935,038.94

Description: Sun Coast Trail Alt. B

Project Sequences Subtotal**\$5,886,810.01**

102-1	Maintenance of Traffic	8.00 %	\$470,944.80
101-1	Mobilization	8.00 %	\$508,620.38

Project Sequences Total**\$6,866,375.19**

Project Unknowns	0.00 %	\$0.00
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	\$68,663.75	\$68,663.75

Project Non-Bid Subtotal**\$68,663.75**

Version 1-P Project Grand Total

\$6,935,038.94

Alternative C (N3) Cost Estimate

Date: 7/6/2018 8:48:18 AM

FDOT Long Range Estimating System - Production R3: Project Details by Sequence Report

Project: SUNTRB-1-52-01

Letting Date: 01/2099

Description: Sun Coast Trails Alt. C

District: 07 County: 10 HILLSBOROUGH Market Area: 08 Units: English
 Contract Class: Lump Sum Project: N Design/Build: N Project Length: 11.870 MI

Project Manager:

Version 1-P Project Grand Total **\$5,362,095.59**

Description: Sun Coast Trails Alt. C

Sequence: 1 MIS - Miscellaneous Construction Net Length: 11.870 MI
62,674 LF

Description: Sun Coast Trails Alt. C

ROADWAY COMPONENT

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	23.01	AC	\$26,617.98	\$612,479.72
110-4-10	REMOVAL OF EXIST CONC	9,745.60	SY	\$18.98	\$184,971.49
160-4	TYPE B STABILIZATION	111,374.28	SY	\$7.14	\$795,212.36
285-701	OPTIONAL BASE,BASE GROUP 01	88,194.50	SY	\$16.59	\$1,463,146.76
334-1-11	SUPERPAVE ASPHALTIC CONC, TRAFFIC A	6,891.30	TN	\$106.39	\$733,165.41
527-2	DETECTABLE WARNINGS	480.00	SF	\$28.93	\$13,886.40
570-1-2	PERFORMANCE TURF, SOD	27,843.57	SY	\$3.36	\$93,554.40
Roadway Component Total					\$3,896,416.54

BRIDGES COMPONENT

Bridge 1

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	40.00
Width (LF)	12.00
Type	Pedestrian Overpass
Cost Factor	1.00
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$273.00
Factored Cost per SF	\$273.00
Final Cost per SF	\$273.00
Basic Bridge Cost	\$131,040.00
Description	PEDESTRIAN BRIDGE OVER CANAL NEAR SOUTH 49TH AVE AND SOUTH 78TH STREET.

Bridge 1 Total \$131,040.00

Bridge 2

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	40.00
Width (LF)	12.00
Type	Pedestrian Overpass
Cost Factor	1.00
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$273.00
Factored Cost per SF	\$273.00
Final Cost per SF	\$273.00
Basic Bridge Cost	\$131,040.00
Description	PEDESTRIAN BRIDGE OVER CANAL NEAR WINDSOR WAY

Bridge 2 Total \$131,040.00

Bridge 3

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	120.00
Width (LF)	12.00
Type	Pedestrian Overpass
Cost Factor	1.00
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	\$273.00
Factored Cost per SF	\$273.00
Final Cost per SF	\$273.00
Basic Bridge Cost	\$393,120.00
Description	PEDESTRIAN BRIDGE OVER BULLFROG CREEK

Bridge 3 Total \$393,120.00

Bridges Component Total \$655,200.00

Sequence 1 Total \$4,551,616.54

Date: 7/6/2018 8:48:18 AM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: SUNTRB-1-52-01

Letting Date: 01/2099

Description: Sun Coast Trails Alt. C

District: 07

County: 10 HILLSBOROUGH

Market Area: 08

Units: English

Contract Class: Lump Sum Project: N

Design/Build: N

Project Length: 11.870 MI

Project Manager:

Version 1-P Project Grand Total

\$5,362,095.59

Description: Sun Coast Trails Alt. C

Project Sequences Subtotal
\$4,551,616.54

102-1	Maintenance of Traffic	8.00 %	\$364,129.32
101-1	Mobilization	8.00 %	\$393,259.67

Project Sequences Total**\$5,309,005.53**

Project Unknowns	0.00 %	\$0.00
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	\$53,090.06	\$53,090.06

Project Non-Bid Subtotal**\$53,090.06****Version 1-P Project Grand Total****\$5,362,095.59**