



ENGINEERS COST ESTIMATE

(Use for Off-System Projects - Administered through LAP)

Project Description: NW Volucia Trail Sidewalk Project (LAP FINANCIAL PROJECT ID FM 450861-1-58-01)

Pay Item Number*	Pay Item Description*	FHWA Participating				FHWA non-participating (Local funds)				Total Quantity	Total Engineer's Cost
		Quantity	Unit	Engineer's Unit Cost	Engineer's Subtotal Cost	Quantity	Unit	Engineer's Unit Cost	Engineer's Subtotal Cost		
101 1A	PROFESSIONAL VIDEO OF CONSTRUCTION SITE AND PHOTOGRAPHS				\$ -	1	LS	\$ 2,500.00	\$ 2,500.00	1	\$ 2,500.00
101 1B	AS-BUILT RECORD DRAWINGS				\$ -	1	LS	\$ 15,000.00	\$ 15,000.00	1	\$ 15,000.00
101 1C	MOBILIZATION/DEMOBILIZATION AND GENERAL CONDITIONS (10%)	1	LS	\$ 113,200.20	\$ 113,200.20				\$ -	1	\$ 113,200.20
102 1	MAINTENANCE OF TRAFFIC	1	LS	\$ 18,000.00	\$ 18,000.00				\$ -	1	\$ 18,000.00
104 10 3	SEDIMENT BARRIER	5077	LF	\$ 3.00	\$ 15,231.00				\$ -	5077	\$ 15,231.00
107 2	MOWING				\$ -	1.9	AC	\$ 60.00	\$ 114.00	1.9	\$ 114.00
110 1	CLEARING & GRUBBING	1	AC	\$ 2,500.00	\$ 2,500.00				\$ -	1	\$ 2,500.00
110 4 10A	REMOVAL OF EXISTING CONCRETE	461	SY	\$ 50.00	\$ 23,050.00				\$ -	461	\$ 23,050.00
110 4 10B	REMOVAL OF EXISTING PAVER DRIVEWAY	174	SY	\$ 50.00	\$ 8,700.00				\$ -	174	\$ 8,700.00
104 11	FLOATING TURBIDITY BARRIER	200	LF	\$ 18.00	\$ 3,600.00				\$ -	200	\$ 3,600.00
120 1	REGULAR EXCAVATION	917	CY	\$ 17.00	\$ 15,589.00				\$ -	917	\$ 15,589.00
120 6	EMBANKMENT	1575	CY	\$ 25.00	\$ 39,375.00				\$ -	1575	\$ 39,375.00
0160 4	TYPE B STABILIZATION	225	SY	\$ 11.00	\$ 2,475.00				\$ -	225	\$ 2,475.00
285706	OPTIONAL BASE, BASE GROUP 06	450	SY	\$ 58.00	\$ 26,100.00				\$ -	450	\$ 26,100.00
0327 70 1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	1006	SY	\$ 3.00	\$ 3,018.00				\$ -	1006	\$ 3,018.00
0334 1 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	76	TN	\$ 200.00	\$ 15,200.00				\$ -	76	\$ 15,200.00
0400 0 11	CONCRETE CLASS NS (SHALLOW PIPE COVER)	85	CY	\$ 1,266.00	\$ 107,610.00				\$ -	85	\$ 107,610.00
0415 1 6	REINFORCING STEEL- MISCELLANEOUS	1500	LB	\$ 5.00	\$ 7,500.00				\$ -	1500	\$ 7,500.00
0430174112A	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 12"SD (RCP)	230	LF	\$ 150.00	\$ 34,500.00				\$ -	230	\$ 34,500.00
0430174112B	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 12"SD (CMP)	292	LF	\$ 150.00	\$ 43,800.00				\$ -	292	\$ 43,800.00
0430174112C	SWALE LINER, 1/4 SECTION OF 12" ID PERFORATED BLACK POLY PIPE	4441	LF	\$ 38.00	\$ 168,758.00				\$ -	4441	\$ 168,758.00
0430174115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"SD (RCP)	51	LF	\$ 200.00	\$ 10,200.00				\$ -	51	\$ 10,200.00
0430174124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"SD (RCP)	60	LF	\$ 300.00	\$ 18,000.00				\$ -	60	\$ 18,000.00
0430174218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 12"x18"SD (RCP)	44	LF	\$ 234.00	\$ 10,296.00				\$ -	44	\$ 10,296.00
0430982121	MITERED END SECTION, OPTIONAL ROUND, 12" CD	10	EA	\$ 2,200.00	\$ 22,000.00				\$ -	10	\$ 22,000.00
0430982123	MITERED END SECTION, OPTIONAL ROUND, 15" CD	4	EA	\$ 3,800.00	\$ 15,200.00				\$ -	4	\$ 15,200.00
0430982129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	2	EA	\$ 4,000.00	\$ 8,000.00				\$ -	2	\$ 8,000.00
0430982625	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 12"x18" CD	2	EA	\$ 4,200.00	\$ 8,400.00				\$ -	2	\$ 8,400.00
522 1	CONCRETE SIDEWALK, 4" THICK	3619	SY	\$ 73.00	\$ 264,187.00				\$ -	3619	\$ 264,187.00
522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	1143	SY	\$ 96.00	\$ 109,728.00				\$ -	1143	\$ 109,728.00
527 2	DETECTABLE WARNINGS	235	SF	\$ 40.00	\$ 9,400.00				\$ -	235	\$ 9,400.00
0530 1100	RIPRAP, SAND-CEMENT BAGS	25	CY	\$ 530.00	\$ 13,250.00				\$ -	25	\$ 13,250.00
570 1 2	PERFORMANCE TURF, SOD	8975	SY	\$ 5.00	\$ 44,875.00				\$ -	8975	\$ 44,875.00
700 3 101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	35	EA	\$ 290.00	\$ 10,150.00				\$ -	35	\$ 10,150.00
700 15	SINGLE COLUMN GROUND SIGN ASSEMBLY, RELOCATE	16	EA	\$ 287.00	\$ 4,592.00				\$ -	16	\$ 4,592.00
706 1 3	RAISED PAVEMENT MARKER, TYPE B	4	EA	\$ 5.00	\$ 20.00				\$ -	4	\$ 20.00
711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK	698	LF	\$ 5.00	\$ 3,490.00				\$ -	698	\$ 3,490.00
711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	303	LF	\$ 8.00	\$ 2,424.00				\$ -	303	\$ 2,424.00
711 16201A	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	200	LF	\$ 4.00	\$ 800.00				\$ -	200	\$ 800.00
1080 215	UTILITY FIXTURE, VALVE/METER BOX, ADJUST				\$ -	53	EA	\$ 1,093.00	\$ 57,929.00	53	\$ 57,929.00
					\$ -				\$ -	0	\$ -
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Landscape										0	\$ -
					\$ -				\$ -	0	\$ -
					\$ -				\$ -	0	\$ -
					\$ -				\$ -	0	\$ -
					\$ -				\$ -	0	\$ -
		Funds for Construction (Phase 58)				Local Funds for Construction (Phase 58)				Subtotal	\$ 1,278,761.20
		\$ 1,203,218.20				\$ 75,543.00					



Item Description	Cost \$
(A) TOTAL Construction Cost Estimate ⁽¹⁾	\$0.00
(B) Cost Estimate of Eligible (participating) items ⁽²⁾	\$1,251,581.04

Funding Breakdown	Fund Source	Cost \$
(C) FDOT In-House Design Support (phase 31) ⁽³⁾	TAP	\$0.00
(D) (Critical projects only) FDOT In-House Design Support (phase 31) ⁽³⁾	TAP	\$0.00
(E) FDOT In-House Construction Support (phase 61) ⁽³⁾	TAP	\$0.00
(F) (Critical projects only) FDOT In-House Construction Support (phase 61) ⁽³⁾	TAP	\$0.00
(G) TAP funds requested for Construction (phase 58)	TAP	\$0.00
(H) Local Funds for Construction (phase 58)	LF	\$0.00
(I) Local Funds for Contingency (phase 58)	LF	\$0.00
(J) Local Funds for Design	LF	\$9,065.16
(K) Construction Engineering & Inspection Activities (CEI) (phase 68 - optional) ⁽⁴⁾	TAP	\$0.00
(L) Construction Engineering & Inspection Activities (CEI) (phase 68) ⁽⁴⁾	LF	\$0.00
(M) Transit Related projects FTA 10% administrative fees ⁽⁵⁾	LF	\$0.00
(N) FDOT Oversight CEI (3% of TOTAL Construction Cost Estimate) (phase 62) ⁽⁶⁾	TAP	\$0.00

Funding Summary	
(O) Total TAP funds ⁽⁷⁾	\$0.00
(P) Total LF funds	\$9,065.16
(Q) Total Funds	\$9,065.16

Notes:

- (1) The Total Construction Cost Estimate in this field must be equal to the Total Construction Cost Estimate from the attached detailed project cost estimate.
- (2) Cost Estimate of Eligible (participating) items must be equal to the Subtotal FHWA Participating from the attached detailed project cost estimate.
- (3) FDOT In-House Design and Construction Support must be included in TAP funds for an amount no less than \$5,000, an additional \$2,000 is required for critical projects. This is a required item.
- (4) It is strongly recommended that the applicant allocates a nominal amount for CEI. In the event that the project is programmed without any request for Phase 68 funding, there is no opportunity to allocate CEI funds based on bid savings.
- (5) Any required Federal Transit Authority (FTA) administrative fees must be included in Local Funds.
- (6) FDOT Oversight CEI must be included in TAP funds and be equal to 3% of the Total Construction Cost Estimate.
- (7) Use of the term TAP represents the actual funding codes of TALT, TALU and TALL