ENGINEERS COST ESTIMATE

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

FM#123456-1-58-01

Project Description: Riverside Park Neighborhood Improvements

		FHWA Participating				FHWA non-participating (Local funds)					
Pay Item Number*	Pay Item Description*	Quantity	Unit	Engineer's Unit Cost	Engineer's Subtotal Cost	Quantity	Unit	Engineer's Unit Cost	Engineer's Subtotal Cost	Total Quantity	Total Engineer's Cost
101-1	MOBILIZATION/DEMOBILIZATION	1	LS	$ 50,000.00	$ 50,000.00				$ -	1	$ 50,000.00
102-1	MAINTENANCE OF TRAFFIC	1	LS	$ 35,000.00	$ 35,000.00				$ -	1	$ 35,000.00
104-2	PREVENTION, CONTROL & ABATEMENT OF EROSION AND WATER POLLUTION	1	LS	$ 20,000.00	$ 20,000.00				$ -	1	$ 20,000.00
110-1-1	STANDARD CLEARING & GRUBBING	3.3	AC	$ 7,500.00	$ 24,750.00				$ -	3.3	$ 24,750.00
120-1	REGULAR EXCAVATION	360	CY	$ 4.50	$ 1,620.00				$ -	360	$ 1,620.00
120-6	EMBANKMENT	360	CY	$ 7.00	$ 2,520.00				$ -	360	$ 2,520.00
327-70-1	MILLING EXIST. ASPHALT PAVEMENT (1" AVG DEPTH)				$ -	6265	SY	$ 3.50	$ 21,927.50	6265	$ 21,927.50
334-1-13	SUPERPAVE ASPHALT CONCRETE (SP-9.5) (TRAFFIC C) (1")				$ -	320	TN	$ 115.00	$ 36,800.00	320	$ 36,800.00
520-2-2	CONCRETE CURB (TYPE B)	620	LF	$ 23.50	$ 14,570.00				$ -	620	$ 14,570.00
520-3-A	CONCRETE CURB (RIBBON CURB)	1100	LF	$ 23.00	$ 25,300.00				$ -	1100	$ 25,300.00
522-1	CONCRETE SIDEWALK (4" THICK)	1830	SY	$ 40.00	$ 73,200.00				$ -	1830	$ 73,200.00
523-1	LIQUID BRICK ECO TRANSLUCENT-RECYCLED INTEGRAL COLORED GLASS				$ -	1600	SF	$ 10.50	$ 16,800.00	1600	$ 16,800.00
526-1-1	PERMEABLE ARTICULATED BLOCK, W/O UNDERDRAIN	645	SY	$ 70.00	$ 45,150.00				$ -	645	$ 45,150.00
570-1-2	PERFORMANCE TURF (SOD)	3655	SY	$ 2.50	$ 9,137.50				$ -	3655	$ 9,137.50
580-1-2	LARGE TREE	75	EA	$ 1,200.00	$ 90,000.00				$ -	75	$ 90,000.00
711-11-121	THERMOPLASTIC, STD, WHITE, SOLID, 6"				$ -	300	LF	$ 1.50	$ 450.00	300	$ 450.00
711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"				$ -	800	LF	$ 3.00	$ 2,400.00	800	$ 2,400.00
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"				$ -	160	LF	$ 5.00	$ 800.00	160	$ 800.00
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE				$ -	2	EA	$ 140.00	$ 280.00	2	$ 280.00
711-11-221	THERMOPLASTIC, STD, YELLOW, SOLID, 6"				$ -	800	LF	$ 1.50	$ 1,200.00	800	$ 1,200.00
999-01A	UTILITY COORDINATION				$ -	1	LS	$ 5,000.00	$ 5,000.00	1	$ 5,000.00
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		Funds for Construction (Phase 58)			$ 391,247.50	Local Funds for Construction (Phase 58)			$ 85,657.50	Subtotal	$ 476,905.00

	Quantity	Unit	Unit Cost	Subtotal	Quantity	Unit	Unit Cost	Subtotal
FDOT IN-HOUSE DESIGN SUPPORT (Phase 31) **(REQUIRED)**	1	LS	$5,000	$ 5,000.00	FDOT In-House Support must be included as an FHWA Participating Item			
ADDITONAL FDOT IN-HOUSE DESIGN SUPPORT FOR CRITICAL PROJECTS	0	LS	$2,000	$ -				
FDOT IN-HOUSE CONSTRUCTION SUPPORT (Phase 61) **(REQUIRED)**	1	LS	$5,000	$ 5,000.00				
ADDITONAL FDOT IN-HOUSE CONSTRUCTION SUPPORT FOR CRITICAL PROJECTS	0	LS	$2,000	$ -				
LOCAL FUNDS FOR DESIGN	Local Agency Design Work is not a FHWA Participating Item				1	LS	$125,000	$ 125,000.00
CONTINGENCY (Phase 58) **(REQUIRED)**	Contingency is not a FHWA Participating Item				1	LS	20%	$ 95,381.00
TRANSIT RELATED PROJECTS (10% FTA ADMINISTRATIVE FEE)	Administrative Fee is not a FHWA Participating Item				0	LS	10%	$ -
CONSTRUCTION ENGINEERING & INSPECTION ACTIVITIES (CEI) (Phase 68)					1	LS	12%	$ 10,278.90
FDOT OVERSIGHT CEI (3% OF TOTAL CONSTRUCTION COST ESTIMATE) (Phase 62) **(REQUIRED)**	1	LS	3%	$ 14,307.15	FDOT In-House Support must be included as an FHWA			
				$ 415,554.65				**$ 316,317.40**
				Subtotal FHWA Participating				**Subtotal FHWA Non-Participating**

$ 731,872.05
Total Construction Cost Estimate

*Projects on the State Highway System and Critical Projects **SHALL** utilize FDOT pay items numbers and descriptions.

Non-participating items:
- Mowing & Litter removal
- Engineering work; Optional services; Survey; Video inspection; MOT plans preparation; As-builts/record drawings
- Utility work -- this includes, but is not limited to: valve adjustments, utility relocations, FPL power pole relocations, AT&T directional bore, etc…
- Contingency

Other elements may be non-participating; the ones listed above are the commonly used pay items that are non-participating.

If you have any questions regarding an eligible or non-participating item, please contact District Four Local Program Unit.

Prepared by: **PE Number:** ________________

________________ ________________ ________________
Name: **Signature:** **Date:**

Reviewed by:

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Name: **Signature:** **Date:**

Approved by (Agency Responsible Charge):

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Item Description	Cost $
(A) TOTAL Construction Cost Estimate [1]	$476,905.00
(B) Cost Estimate of Eligible (participating) items [2]	$415,554.65

Funding Breakdown	Fund Source	Cost $
(C) FDOT In-House Design Support (phase 31) [3]	TAP	$5,000.00
(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	$5,000.00
(F) (Critical projects only) FDOT In-House Construction Support (phase 61) [3]	TAP	$0.00
(G) TAP funds requested for Construction (phase 58)	TAP	$391,247.50
(H) Local Funds for Construction (phase 58)	LF	$85,657.50
(I) Local Funds for Contingency (phase 58)	LF	$95,381.00
(J) Local Funds for Design	LF	$125,000.00
(K) Construction Engineering & Inspection Activities (CEI) (phase 68 - optional) [4]	TAP	$35,000.00
(L) Construction Engineering & Inspection Activities (CEI) (phase 68) [4]	LF	$10,278.90
(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	$14,307.15

Funding Summary	
(O) Total TAP funds [7]	$450,554.65
(P) Total LF funds	$316,317.40
(Q) Total Funds	**$766,872.05**

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