ENGINEERS COST ESTIMATE

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

Project Description: KESTOR DRIVE SIDEWALK 100% Plans

		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
101-1A	MOBILIZATION/GENERAL CONDITIONS/BONDS	1	LS	$ 150,000.00	$ 150,000.00				$ -	1	$ 150,000.00
101-1B	PRE-CONSTRUCTION VIDEO				$ -	1	LS	$ 1,500.00	$ 1,500.00	1	$ 1,500.00
102-1	MAINTENANCE OF TRAFFIC				$ -	1	LS	$ 53,000.00	$ 53,000.00	1	$ 53,000.00
104-10-3	SEDIMENT BARRIER	5,155	LF	$ 2.52	$ 12,990.60				$ -	5155	$ 12,990.60
104-11	FLOATING TURBIDITY BARRIER	310	LF	$ 14.99	$ 4,646.90				$ -	310	$ 4,646.90
104-18	INLET PROTECTION SYSTEM	23	EA	$ 135.18	$ 3,109.14				$ -	23	$ 3,109.14
110-1	CLEARING & GRUBBING	4.8	AC	$ 7,500.00	$ 36,000.00				$ -	4.8	$ 36,000.00
110-4-10A	EXISTING CONCRETE REMOVAL	1500	SY	$ 37.00	$ 55,500.00				$ -	1500	$ 55,500.00
110-4-10B	EXISTING PAVER DRIVEWAY REMOVAL	600	SY	$ 37.00	$ 22,200.00				$ -	600	$ 22,200.00
120-1	REGULAR EXCAVATION	2,416	CY	$ 9.51	$ 22,976.16				$ -	2416	$ 22,976.16
120-6	EMBANKMENT	1,215	CY	$ 16.70	$ 20,290.50				$ -	1215	$ 20,290.50
286-2	PAVEMENT REPAIR DRIVEWAY & CULVERT CROSSING (ASPHALT)	235	SY	$ 270.00	$ 63,450.00				$ -	235	$ 63,450.00
425-1-910	INLETS, CLOSED FLUME	1	EA	$ 6,200.00	$ 6,200.00				$ -	1	$ 6,200.00
425-1521	INLETS, DITCH BOT, TYPE C, MODIFY TOP	1	EA	$ 5,500.00	$ 5,500.00				$ -	1	$ 5,500.00
425-5	MANHOLE, ADJUST (AIR RELEASE VALVE)	3	EA	$ 952.89	$ 2,858.67				$ -	3	$ 2,858.67
430-175-118	PIPE CULVERT, CAP, ROUND, 18"S/CD	21	LF	$ 165.00	$ 3,465.00				$ -	21	$ 3,465.00
430-175-124	PIPE CULVERT, CAP, ROUND, 24"S/CD	27	LF	$ 200.00	$ 5,400.00				$ -	27	$ 5,400.00
430-175-215A	PIPE CULVERT, ERCP, OTHER-ELIP/ARCH, 12"X18"S/CD	471	LF	$ 182.00	$ 85,722.00				$ -	471	$ 85,722.00
430-175-215B	PIPE CULVERT, CAP, OTHER-ELIP/ARCH, 13"X17"S/CD	1,353	LF	$ 175.00	$ 236,775.00				$ -	1353	$ 236,775.00
430-175-218A	PIPE CULVERT, ERCP, OTHER-ELIP/ARCH, 14"X23"S/CD	159	LF	$ 188.00	$ 29,892.00				$ -	159	$ 29,892.00
430-175-218B	PIPE CULVERT, CAP, OTHER-ELIP/ARCH, 15"X21"S/CD	148	LF	$ 180.00	$ 26,640.00				$ -	148	$ 26,640.00
430-175-230	PIPE CULVERT, CAP, OTHER-ELIP/ARCH, 19"X30"S/CD	53	LF	$ 212.00	$ 11,236.00				$ -	53	$ 11,236.00
430-515-100	STRAIGHT CONCRETE ENDWALLS, 12"X18", SINGLE, 0 DEGREES, ELLIPTICAL	8	EA	$ 4,500.00	$ 36,000.00				$ -	8	$ 36,000.00
430-518-102	STRAIGHT CONCRETE ENDWALLS, 14"X23", SINGLE, 0 DEGREES, ELLIPTICAL	2	EA	$ 4,700.00	$ 9,400.00				$ -	2	$ 9,400.00
430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	2	EA	$ 2,600.00	$ 5,200.00				$ -	2	$ 5,200.00
430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	2	EA	$ 2,800.00	$ 5,600.00				$ -	2	$ 5,600.00
430-982-625	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 13"X17" CD	6	EA	$ 2,900.00	$ 17,400.00				$ -	6	$ 17,400.00
430-982-625A	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 12"X18" CD	6	EA	$ 2,900.00	$ 17,400.00				$ -	6	$ 17,400.00
430-982-629	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 14"X23" CD	4	EA	$ 3,200.00	$ 12,800.00				$ -	4	$ 12,800.00
430-982-633	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 19"X30" CD	2	EA	$ 3,500.00	$ 7,000.00				$ -	2	$ 7,000.00
514-72	SWALE LINER, BLACK POLY, 1/4 SECTION OF 12" ID PIPE	4410	LF	$ 25.00	$ 110,250.00				$ -	4410	$ 110,250.00
515-2311	PEDESRTIAN/BICYCLE RAILING, ALUMINUM ONLY 42"	60	LF	$ 115.00	$ 6,900.00				$ -	60	$ 6,900.00
520-1-10	CONCRETE CURB & GUTTER, TYPE F	334	LF	$ 31.18	$ 10,414.12				$ -	334	$ 10,414.12
522-1	CONCRETE SIDEWALK/PADS , 4" THICK	3,532	SY	$ 58.24	$ 205,703.68				$ -	3532	$ 205,703.68
522-2A	CONCRETE SIDEWALK/PADS , 6" THICK	2,513	SY	$ 81.05	$ 203,678.65				$ -	2513	$ 203,678.65
522-2B	CONCRETE SIDEWALK/PADS , 6" THICK (SHALLOW PIPE COVER)	270	SY	$ 100.00	$ 27,000.00				$ -	270	$ 27,000.00
527-2	DETECTABLE MAT	230	SF	$ 54.03	$ 12,426.90				$ -	230	$ 12,426.90
570-1-2	PERFORMANCE TURF, SOD	13,620	SY	$ 4.19	$ 57,067.80				$ -	13620	$ 57,067.80
700-1-111	SINGLE POST SIGN, F&I GROUND MOUNT, 3" ALUMINUM ROUNDS	12	AS	$ 474.95	$ 5,699.40				$ -	12	$ 5,699.40
700-1-500	SINGLE POST SIGN, RELOCATE	1	AS	$ 48.26	$ 48.26				$ -	1	$ 48.26
700-1-600	SINGLE POST SIGN, REMOVE	12	AS	$ 48.26	$ 579.12				$ -	12	$ 579.12
700-2-500	MULTI- POST SIGN, GROUND MOUNT, RELOCATE (NEIGHBORHOOD SIGN)	1	AS	$ 3,500.00	$ 3,500.00				$ -	1	$ 3,500.00
700-3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF (STREET BLADES & NEIGBORHOOD)	18	EA	$ 142.00	$ 2,556.00				$ -	18	$ 2,556.00
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK	934	LF	$ 10.20	$ 9,526.80				$ -	934	$ 9,526.80
711-11-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	587	LF	$ 14.94	$ 8,769.78				$ -	587	$ 8,769.78
1080-215-A	UTILITY FIXTURE, WATER METER BOX, ADJUST				$ -	19	EA	$ 500.00	$ 9,500.00	19	$ 9,500.00
1080-215-B	UTILITY FIXTURE, VALVE BOX, ADJUST				$ -	18	EA	$ 1,090.10	$ 19,621.80	18	$ 19,621.80
1644-700	FIRE HYDRANT, ADJUST & MODIFY				$ -	6	EA	$ 500.00	$ 3,000.00	6	$ 3,000.00
Landscape										0	$ -
					$ -				$ -	0	$ -
					$ -				$ -	0	$ -
					$ -				$ -	0	$ -
					$ -				$ -	0	$ -
		Funds for Construction (Phase 58)			$ 1,579,772.48	Local Funds for Construction (Phase 58)			$ 86,621.80	Subtotal	$ 1,666,394.28
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		$ -		
CONTINGENCY (Phase 58) **(REQUIRED)**		Contingency is not a FHWA Participating Item				1	LS	20%	$ 333,278.86		
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%	$ 10,394.62		
FDOT OVERSIGHT CEI (3% OF TOTAL CONSTRUCTION COST ESTIMATE) (Phase 62) **(REQUIRED)**		1	LS	3%	$ 49,991.83	FDOT In-House Support must be included as an FHWA Participating Item					
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) **(OPTIONAL)***		1	LS		$ -	1	LS		$ -		
FDOT OVERSIGHT CEI (3% OF TOTAL CONSTRUCTION COST ESTIMATE) (Phase 62) **(REQUIRED)**		1	LS	3%	$ -	FDOT In-House Support must be included as an FHWA Participating Item					
					$ 1,639,764.31				**$ 419,900.66**		**$ 2,059,664.96**
					Subtotal FHWA Participating				**Subtotal FHWA Non-Participating**		**Total Construction Cost Estimate**

*Projects on the State Highway System and Critical Projects **SHALL** utilize FDOT pay items numbers and descriptions.
**Estimated cost for preparation of the Construction Plans, Specs, and estimate package.
***Estimated cost for Construction Engineering and Inspection; Must provide an esitmate if seeking reimburement for Professional Services.

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.

Prepared by:

Stefan K. Matthes, PE — Stefan K Matthes — PE Number: 38723

Name: **Signature:** **Date:** 7/19/2024

Reviewed by:

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

Approved by (Agency Responsible Charge):

DESIGN AND CEI FEE GUIDE:

	Recommended Percentage (%) of Construction Cost Estimate
DESIGN (Phase 38)	60-80%
CONSTRUCTION ENGINEERING & INSPECTION ACTIVITIES (CEI) (Phase 68)	60-80%

PLEASE NOTE: THE FUNDING REQUEST FOR PROFESSIONAL SERVICES IS OPTIONAL. THE PERCENTAGES ABOVE IS ONLY A GUIDE. LOCAL AGENCIES ARE RESPONSIBLE FOR DETERMINING THE APPROPRIATE PERCENTAGE OF CONSTRUCTION FOR DESIGN AND CEI ESTIMATES AS WELL AS CONTINGENCY. COST MAY CHANGE AFTER PROJECT AWARD DUE TO DESIGN AND CONSTRUCTION VARIABLES. REVIEW OF FDOT FUNDING ALLOCATION WILL BE EVALUATED OVER THE LIFE OF THE PROJECT. THE LOCAL AGENCY WILL BE RESPONSIBLE FOR ALL INELIGIBLE/NON-PARTICIPATING COST AND COSTS IN EXCESS OF THE FDOT FUNDING ALLOCATION.

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