ENGINEERS COST ESTIMATE

(Must be Used for Projects Administered by FDOT)

Project Description: Johnson Road CSLIP Application

		Participating				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
0104 18	Inlet Protection Sytem	16	EA	$ 119.78	$ 1,916.48				$ -	16	$ 1,916.48
0110 1 1	Clearing and Grubbing	1	LS	$ 20,613.10	$ 20,613.10				$ -	1	$ 20,613.10
0337 7 80	Milling and Resurfacing Asphalt	7545	SY	$ 25.00	$ 188,625.00				$ -	7545	$ 188,625.00
0425 1511	Inlets, DT BOT, Type C	2	EA	$ 4,487.37	$ 8,974.74				$ -	2	$ 8,974.74
0520 1 10	Concrete Curb and Gutter, Type F	1500	LF	$ 26.98	$ 40,470.00				$ -	1500	$ 40,470.00
0520 2 4	Concrete Curb, Type D	200	LF	$ 25.54	$ 5,108.00				$ -	200	$ 5,108.00
0522 2	Concrete Sidewalk and Driveways, 6"	2500	SY	$ 58.49	$ 146,225.00				$ -	2500	$ 146,225.00
0527 2	Detectable Warnings	425	SF	$ 28.22	$ 11,993.50				$ -	425	$ 11,993.50
0570 1 2	Performance Turf, Sod	700	SY	$ 2.87	$ 2,009.00				$ -	700	$ 2,009.00
0590 70 1	Irrigation System Repairs	1	LS	$ 14,583.50	$ 14,583.50				$ -	1	$ 14,583.50
0654 2 11	Rectangular Rapid Flash Beacon (RRFB)	2	EA	$ 34,495.44	$ 68,990.88				$ -	2	$ 68,990.88
0710 11101	Painted Pavement Markings, Standard, White, Solid, 6"	0.473	GM	$ 1,016.33	$ 480.72				$ -	0.473	$ 480.72
0711 14160	Thermoplastic, Preformed, White, Solid, 24"	900	LF	$ 4.54	$ 4,086.00				$ -	900	$ 4,086.00
0711 11171	Thermoplastic, STD, White, w/ Green Background (Sharrow Green Marking)	0	EA	$ 500.00	$ 500.00				$ -	0	$ 500.00
0711 12201	Painted Pavement Markings, Standard, Yellow, Solid, 6"	0.5	GM	$ 1,031.28	$ 515.64				$ -	0.5	$ 515.64
0715 4 11	Pedestrian Level Lighting	39	EA	$ 5,630.19	$ 219,577.41				$ -	39	$ 219,577.41
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		Funds for Construction			$ 734,668.97	Local Funds for Construction			$ -	Subtotal	$ 734,668.97
	DESIGN (FDOT IN-HOUSE/CONSULTANT)	1	LS	30%	$ 220,400.69						
	ENVIRONMENTAL SERVICES	1	LS	10%	$ 73,466.90						
	CONSTRUCTION ENGINEERING & INSPECTION ACTIVITIES (CEI)	1	LS	20%	$ 146,933.79						
	POST DESIGN SERVICES	1	LS	8%	$ 58,773.52						
	CONTINGENCY	Contingency is not a FHWA Participating Item				1	LS				
					$ -	FDOT In-House Support must be included as an FHWA					
					$ 1,234,243.88				$ -		$ 1,234,243.88
					Subtotal FHWA Participating				Subtotal FHWA Non-Participating		Total Construction Cost Estimate

PLEASE NOTE: DESIGN, ENVIRONMENTAL, CEI, AND POST DESIGN SERVICES ARE ESTIMATES ONLY. THESE COSTS MAY CHANGE AFTER FDOT REVIEW OF THE PROJECT AND OVER THE LIFE OF THEPROJECT BASED ON THE PROJECT'S COMPLEXITY. THE LOCAL AGENCY WILL BE RESPONSIBLE FOR ALL COSTS IN EXCESS OF THE FDOT FUNDING ALLOCATION. THIS IS ONLY A GUIDE.

Estimate Prepared by: Stefano Viola
PE Number: 74655

Date: 04/20/21

DESIGN, ENVIRONMENTAL, CEI, AND POST DESIGN SERVICES FEE GUIDELINES:

DESIGN:

Construction Cost	Design Fee
$0-$500,000	45% of Construction Estimate
$500,001 - $1,500,000	30% of Construction Estimate
$1,500,001 - $2,500,000	19% of Construction Estimate

ENVIRONMENTAL

Construction Cost	Environmental Fee
< $500,000	15% of Construction Estimate
$500,000 - $1 million	10% of Construction Estimate
Over $1 million	7% of Construction Estimate

NOTE: Environmental fees consider, but are not limited to, standard Categorical Exclusion (Type 1 or PCE), CRAS Report, Section 4f, Wetland Survey, Endangered Species Relocation, Contamination, Mitigation, etc. Additional fees will be required for: Lane Elimination Analysis and Documentation; Traffic Data Collection; Traffic Projections and Analysis; Public Involvement. Please contact Christine Fasiska at FDOT District 4 (954-777-4480) to coordinate the cost for these items.

CEI:

Construction Cost	CEI Fee
< $500,000	30% of Construction Estimate
$500,000 - $1 million	20% of Construction Estimate
$1.0 - $2.5 million	17% of Construction Estimate

POST DESIGN:

Construction Cost	Post Design Fee
All Projects	8% of DESIGN Estimate

* All projects will utilize FDOT pay items numbers, descriptions and unit prices; FDOT design and construction specifications and standards. Statewide unit prices can be found at the following link:

http://www.dot.state.fl.us/programmanagement/Estimates/HistoricalCostInformation/HistoricalCost.shtm

Non-participating items:
** All maintenance activities.
** Utility work -- this includes, but is not limited to: valve/manhole adjustments, utility relocations, FPL power pole relocations, AT&T directional bore, etc...

Other elements may be non-participating - this will be determined on a project-by-project basis; listed above are commonly used non-participating pay items.