

ENGINEERS COST ESTIMATE

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

Project Description: Nebraska Avenue Sidewalk

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	MOBILIZATION/PERMITS/GENERAL CONDITIONS/BONDS	1	LS	\$15,000.00	\$ 15,000.00				\$ -	1	\$ 15,000.00
101-1B	PRE-CONSTRUCTION VIDEO	1	LS	\$1,200.00	\$ 1,200.00	1	LS	1200	\$ 1,200.00	2	\$ 2,400.00
101-1C	RECORD DRAWINGS/CONSTRUCTION STAKING	1	LS	\$1,200.00	\$ 1,200.00	1	LS	1200	\$ 1,200.00	2	\$ 2,400.00
101-1D	GEOTECHNICAL AND MATERIALS TESTING	1	LS	\$5,000.00	\$ 5,000.00				\$ -	1	\$ 5,000.00
102-1	MAINTENANCE OF TRAFFIC	1	LS	\$10,000.00	\$ 10,000.00				\$ -	1	\$ 10,000.00
430-1A	DRAINAGE HARMONIZATION	1	LS	\$30,000.00	\$ 30,000.00				\$ -	1	\$ 30,000.00
104-1A	EROSION AND SEDIMENT CONTROL	1	LS	\$12,000.00	\$ 12,000.00				\$ -	1	\$ 12,000.00
110-1	CLEARING, GRUBBING, AND DEMOLITION	1	AC	\$20,000.00	\$ 20,000.00				\$ -	1	\$ 20,000.00
120-1	REGULAR EXCAVATION	1060	CY	\$10.00	\$ 10,600.00				\$ -	1060	\$ 10,600.00
285-709	OPTIONAL BASE, BASE GROUP 09 (LBR 100)	1600	SY	\$24.00	\$ 38,400.00				\$ -	1600	\$ 38,400.00
522-1	CONCRETE SIDEWALK/PADS , 4" THICK	1500	SY	\$64.00	\$ 96,000.00				\$ -	1500	\$ 96,000.00
522-2	CONCRETE SIDEWALK/PADS , 6" THICK	175	SY	\$67.00	\$ 11,725.00				\$ -	175	\$ 11,725.00
527-2	ADA CURB RAMP W/DETECTABLE WARNING (COMPLETE)	16	EA	\$2,700.00	\$ 43,200.00				\$ -	16	\$ 43,200.00
570-1-2	PERFORMANCE TURF, SOD	1500	SY	\$2.00	\$ 3,000.00				\$ -	1500	\$ 3,000.00
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	1200	LF	\$3.50	\$ 4,200.00				\$ -	1200	\$ 4,200.00
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	600	LF	\$6.00	\$ 3,600.00				\$ -	600	\$ 3,600.00
1000-1A	UTILITY COORDINATION	1	LS	\$2,500.00	\$ 2,500.00	1	LS	2500	\$ 2,500.00	2	\$ 5,000.00
				\$ -	\$ -				\$ -	0	\$ -
				\$ -	\$ -				\$ -	0	\$ -
				\$ -	\$ -				\$ -	0	\$ -

Funds for Construction (Phase 58)				\$ 307,625.00	Local Funds for Construction (Phase 58)				\$ 4,900.00	Subtotal	\$ 312,525.00
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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; Local Agencies have the option to request funding for Design and CEI, percentages are at the discretion of the Local Agency.
ADDITIONAL 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	
ADDITIONAL FDOT IN-HOUSE CONSTRUCTION SUPPORT FOR CRITICAL PROJECTS	0	LS	\$2,000	\$ -	
PRELIMINARY ENGINEERING (DESIGN) (Phase 38) (OPTIONAL)**	1	LS	\$150,000	\$ 75,000.00	
CONTINGENCY (Phase 58) (REQUIRED)					
TRANSIT RELATED PROJECTS (10% FTA ADMINISTRATIVE FEE)					
CONSTRUCTION ENGINEERING & INSPECTION ACTIVITIES (CEI) (Phase 68) (OPTIONAL)**	1	LS	6%	\$ 55,000.00	
FDOT OVERSIGHT CEI (3% OF TOTAL CONSTRUCTION COST ESTIMATE) (Phase 62) (REQUIRED)	1	LS	3%	\$ 9,375.75	
				\$ 457,000.75	

*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 estimate if seeking reimbursement 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: _____ **PE Number:** _____
Name: _____ **Signature:** _____ **Date:** _____
Reviewed by: _____
Name: _____ **Signature:** _____ **Date:** _____
Approved by (Agency Responsible Charge): _____

DESIGN AND CEI FEE GUIDE:	
Recommended Percentage (%) of Construction Cost Estimate	
DESIGN (Phase 38)	15-30%
CONSTRUCTION ENGINEERING & INSPECTION ACTIVITIES (CEI) (Phase 68)	15-30%

PLEASE NOTE: THE FUNDING REQUEST FOR PROFESSIONAL SERVICES MAY BE OPTIONAL; PLEASE REFER TO YOUR T/MPO/TPA PROGRAM REQUIREMENTS. 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.