

Engineering Design Fee Cost Estimate

DESCRIPTION	PROJECT MANAGER		PROJECT ENGINEER		DESIGNER		OFF SURVEYOR		3 MAN CREW		LANDSCAPE ARCHITECT		ENVIRONMENTAL		PROPOSAL	
	HRS	COST	HRS	COST	HRS	COST	HRS	COST	HRS	COST	HRS	COST	HRS	COST	HRS	COST
DESIGN AND CONSTRUCTION																
KICK OFF MEETING	4	\$500	0	\$0	0	\$0	0	\$0	0	\$0	4	\$380	4	\$260		\$1,140
REVIEW PREVIOUS REPORTS	4	\$500	8	\$760	0	\$0	0	\$0	0	\$0	0	\$0	4	\$260		\$1,520
SUPPLEMENTAL SURVEY	2	\$250	0	\$0	0	\$0	16	\$1,280	24	\$1,280	0	\$0	0	\$0		\$4,770
GEOTECHNICAL*	4	\$500	40	\$3,800	40	\$3,000	0	\$0	40	\$5,400	0	\$0	0	\$0		\$12,700
WETLANDS, RTE, FOREST	4	\$500	0	\$0	8	\$600	4	\$320	12	\$1,620	8	\$760	32	\$2,080		\$5,880
WALK SITE	8	\$1,000	8	\$760	0	\$0	0	\$0	0	\$0	0	\$0	8	\$520		\$2,280
PLOT EX UTILITIES	0	\$0	4	\$380	4	\$300	0	\$0	0	\$0	0	\$0	0	\$0		\$680
TRAIL ALIGNMENT	2	\$250	8	\$760	16	\$1,200	0	\$0	0	\$0	4	\$380	4	\$260		\$2,850
LINE OF SIGHT EVALUATION	0	\$0	2	\$190	2	\$150	0	\$0	0	\$0	0	\$0	0	\$0		\$340
TRAIL GRADES	2	\$250	4	\$380	8	\$600	0	\$0	0	\$0	4	\$380	4	\$260		\$1,870
IMPACT ON ADJACENT PROP	0	\$0	2	\$190	8	\$600	0	\$0	0	\$0	0	\$0	0	\$0		\$790
TREE CONSERVATION	2	\$250	4	\$380	4	\$300	0	\$0	0	\$0	0	\$0	0	\$0		\$2,990
HANDICAPPED USE	0	\$0	1	\$95	1	\$75	0	\$0	0	\$0	2	\$190	0	\$0		\$360
PREPARE BASE SHEETS	0	\$0	4	\$380	12	\$900	0	\$0	0	\$0	0	\$0	0	\$0		\$1,410
STORM DRAINAGE	4	\$500	12	\$1,140	16	\$1,200	0	\$0	0	\$0	0	\$0	2	\$130		\$2,970
STORM WATER MANAGEMENT	4	\$500	24	\$2,280	40	\$3,000	0	\$0	0	\$0	0	\$0	0	\$0		\$5,780
SEDIMENT CONTROL	4	\$500	12	\$1,140	24	\$1,800	0	\$0	0	\$0	0	\$0	0	\$0		\$3,440
SIGN PLANS	2	\$250	2	\$190	4	\$300	0	\$0	0	\$0	0	\$0	0	\$0		\$1,500
TITLE SHEET	0	\$0	0	\$0	4	\$300	0	\$0	0	\$0	0	\$0	0	\$0		\$300
TYPICAL SECTIONS	0	\$0	2	\$190	4	\$300	0	\$0	0	\$0	0	\$0	0	\$0		\$490
COORDINATE WITH AGENCIES	8	\$1,000	20	\$1,900	40	\$3,000	0	\$0	0	\$0	8	\$760	20	\$1,300		\$7,960
MD 564 UNDERPASS	4	\$500	8	\$760	16	\$1,200	0	\$0	0	\$0	4	\$380	0	\$0		\$2,840
BOARDWALKS DESIGN	12	\$1,500	24	\$2,280	40	\$3,000	0	\$0	0	\$0	12	\$1,140	8	\$520		\$8,440
COST ESTIMATES	2	\$250	8	\$760	8	\$600	0	\$0	0	\$0	0	\$0	4	\$260		\$1,870
REVIEW & APPROVALS	8	\$1,000	16	\$1,520	32	\$2,400	0	\$0	0	\$0	0	\$0	0	\$0		\$4,920
SPECIFICATIONS	8	\$1,000	20	\$1,900	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0		\$2,900
TOTAL	88	\$11,000	233	\$22,135	331	\$24,825	20	\$1,600	76	\$10,260	62	\$5,990	112	\$7,280		\$92,990
PERMIT STAGE																
FILE FOR PERMITS	0	\$0	8	\$760	12	\$900	0	\$0	0	\$0	0	\$0	0	\$0		\$1,660
REVISE ACCORDING TO REVIEWS	4	\$500	8	\$760	16	\$1,200	0	\$0	0	\$0	0	\$0	0	\$0		\$2,460
FINAL SUBMISSION	2	\$250	8	\$760	16	\$1,200	0	\$0	0	\$0	0	\$0	0	\$0		\$2,210
BIDDING STAGE																
BIDDING ASSISTANCE	4	\$500	4	\$380	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0		\$860
PREBID MEETING	4	\$500	4	\$380	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0		\$860
DESIGN ISSUES	4	\$500	4	\$380	4	\$300	0	\$0	0	\$0	0	\$0	0	\$0		\$1,160
CLARIFY SCOPE OF WORK	4	\$500	4	\$380	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0		\$860
REVIEW BID	0	\$0	4	\$380	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0		\$380
CONSTRUCTION SUPPORT																
PRECONSTRUCTION MEETING	4	\$500	4	\$380	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0		\$860
PROGRESS MEETINGS	8	\$1,000	24	\$2,280	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0		\$3,280
RESOLVE DESIGN PROBLEMS	4	\$500	12	\$1,140	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0		\$1,640
SHOP DRAWINGS	4	\$500	20	\$1,900	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0		\$2,400
AS-BUILT DRAWINGS	0	\$0	4	\$380	16	\$1,200	0	\$0	0	\$0	0	\$0	0	\$0		\$1,580
TOTAL	42	\$5,250	108	\$10,260	64	\$4,800	0	\$0	0	\$0	0	\$0	0	\$0		\$20,310