CONSTRUCTION MANAGEMENT

Prepared By: TAS | Project: Boxelder Road Enhancements (16EN16)

Date: May 3, 2017 | Proj. No.: 153738.50

Estimated Const.Period: 17 weeks to substantial (85 working days) 2 weeks to final , RPR 9 hrs/day for 85 days 1/2 time for 10 days

ACTIVITY	PROJECT MANGR. P.E.	PROJECT MGR/DESIGN	ENGR. INTERN	GEOTECH MANGR.	ENGR. TECH	RECEPTION OFFICE ASST.	SURVEY INTERN (Office)	SURVEY INTERN (Field)	PLS (Office)	PLS (Field)	SURVEY TECH (Office)	SURVEY TECH (Field)	TOTAL OFFICE	TOTAL FIELD	SUB TOTAL
													$ -	$ -	
													$ -	$ -	
													$ -	$ -	
													$ -	$ -	
													$ -	$ -	
													$ -	$ -	
Survey													$ -	$ -	
Project Start-up													$ -	$ -	
Data Acquisition									1				$ 95.00	$ -	
Data Review									4				$ 380.00	$ -	
													$ -	$ -	
DATA MANAGEMENT													$ -	$ -	
Office Calcs									2				$ 190.00	$ -	
Quality Control/Data Verification									3				$ 285.00	$ -	
Build Alignments/Templates	4								6				$ 1,170.00	$ -	
Build Design Surfaces	2								3				$ 585.00	$ -	
Verify control									2	4			$ 190.00	$ 380.00	
CONTRUCTION STAKING													$ -	$ -	
Stake Const. Limits									1	4			$ 95.00	$ 380.00	
Water Relocation									2	6			$ 190.00	$ 570.00	
Slope Staking									1	2			$ 95.00	$ 190.00	
Storm Sewer Staking									3	10			$ 285.00	$ 950.00	
Rough Grade Staking									2	12			$ 190.00	$ 1,140.00	
Valley Gutter Staking									5	25			$ 475.00	$ 2,375.00	
C&G Staking									2	4			$ 190.00	$ 380.00	
Intersection Staking									4	20			$ 380.00	$ 1,900.00	
Bluetop Sub-Base Dirt									3	12			$ 285.00	$ 1,140.00	
Bluetop Base Gravel									3	12			$ 285.00	$ 1,140.00	
Street Light & Misc. Staking									2	4			$ 190.00	$ 380.00	
Striping and Sign Staking									3	6			$ 285.00	$ 570.00	
ASBUILT SURVEYS													$ -	$ -	
AsBuilt Storm Sewer									2	4			$ 190.00	$ 380.00	
AsBuilt Roadway									4	16			$ 380.00	$ 1,520.00	***$ 19,805.00***
													$ -	$ -	
Construction Management													$ -	$ -	
Project start up	16		6		16	6							$ 4,740.00		
Pre-const. Conf	4				2	2							$ 930.00	$ -	
Shop Drawings	8					6							$ 1,650.00	$ -	
Contr. Admin & Inspection	106				805	50							$ 92,100.00	$ -	
Material Testing			240										$ 18,000.00	$ -	
Client/Contr. Mtngs	26												$ 3,900.00	$ -	
Change Orders	8												$ 1,200.00	$ -	
Pay Request Preperation	16					4							$ 2,700.00	$ -	
As-Built Drawings, Final Report & Submittals	8		24		24	6			40				$ 9,410.00	$ -	***$ 134,630.00***
													$ 141,040.00	$ 13,395.00	$ 154,435.00
TOTAL HOURS	198	0	270	0	847	74	0	0	98	141	0	0			
HOURLY RATE	$150.00	$110.00	$75.00	$80.00	$90.00	$75.00	$95.00	$95.00	$95.00	$95.00	$75.00	$75.00			
	$29,700.00	$0.00	$20,250.00	$0.00	$76,230.00	$5,550.00	$0.00	$0.00	$9,310.00	$13,395.00	$0.00	$0.00	$ 154,435.00		***$ 154,435.00***
	$131,730.00														

REIMBURSABLE EXPENSES:

Copies			$ 350	
Printing			$ -	
Survey Supplies			$ 1,800	
Laboratory Testing	0 Marshalls, 275 cylinders, 2 proctors (2 one points), 2 Gradation		$ 4,675	
GPS/Total Station	106 hours @	$ 55.00	$ 5,816	
Travel	4200 miles @	$ 0.85	$ 3,570	
Nuclear Densometer	45 Days @	$ 20.00	$ 900	
			$ -	
			$ -	
		Total Expenses	***$ 17,111***	
		TOTAL CM FEE	***$ 171,546***	