

AAMP Engineering

Fanning Wash & Soliere Low Water Crossing Cost of Engineering Service

This section details the cost of engineering services for this project. Pay rates for each position include company overhead. There is no need for subcontractors or travel for this project. The final cost for this project is \$56,421.

Final Cost of Work				
	Classification	Hours	Rate, \$/hr	Cost
Personnel	CEN	145	190	\$27,550
	PEN	108.8	120	\$13,056
	INT	95	75	\$7,125
	TEC	101.5	60	\$6,090
Personnel Total				\$53,821
Supplies	Surveying Equipment Rental	24	2,400 per day	\$2,400
Supplies Subtotal				\$2400
Cost of Engineering Services Total				\$56,421

This section details the Cost of Construction for the project. As shown below it was split into three sections including Excavation, Installation and Roadway Structures. The total cost was found to be \$198,627.23. Additional information regarding this price may be found in the Final Report.

Construction Costs						
	Item	Description	Plan QTY	Unit	Unit Price (\$)	Amount (\$)
Excavation	1	Removal & Dispose of Asphalt	616	SF	15.00	9,240.00
	2	Removal of Existing Culvert	85	LF	25.00	2,125.00
	3	Remove & Disposal of Soil	490	CY	125.00	61,250.00
	4	Remove & Disposal of Concrete	154	SF	14.00	2,156.00
Installation	5	Subgrade Preparation	173.90	SF	6.00	1,043.40
	6	Concrete Channel Walls	659.82	SF	35.00	23,093.70
	7	Concrete Blocks	13.5	SF	30.00	405.00
	8	Channel Bottom Concrete	396.95	SF	7.50	2,977.13
	9 (a)	Premade Arch CMP 5.9' x 4.5'	85	LF	300.00	25,500.00
	9 (b)	Premade Arch CMP 5.9' x 4.5'	85	LF	300.00	25,500.00
	10	Culvert Concrete Pad	850	SF	8.50	7,225.00
	11	Structural Fill	88.75	CY	120.00	10,650.00
Roadway Structures	12	Riprap (Dumped)	75	CY	200.00	15,000.00
	13	Paving	350	SY	31.00	10,850.00
	14	Safety Rail (3'x6' height)	26	LF	62.00	1,612.00
Total Cost						198,627.23