

Berlin Fire Department Stormwater Improvements - 100% Design Cost Estimate

VTrans Code	Description	Unit	Quantity	Unit Price	Amount
Site Preparation					
	Mobilization	LS	1	\$5,000.00	\$5,000.00
653.55	Project Demarcation Fencing	LF	500	\$1.59	\$795.00
649.51	Geotextile for silt fence	SY	240	\$4.07	\$976.80
652.10	EPSC Plan	LS	1	\$500.00	\$500.00
	Construction Staking	HR	8	\$90.00	\$720.00
<i>Subtotal:</i>					\$7,991.80
Bioretention Basin (w/labor and trucking included)					
203.15	Common Excavation	CY	315	\$12.50	\$3,937.50
651.35	Topsoil	CY	250	\$35.46	\$8,865.00
629.54	Crushed Stone Bedding	TON	75	\$30.79	\$2,309.25
613.11	Type II Stone (overflow)	CY	30	\$45.47	\$1,364.10
N/A	Plants (Perennial Plugs)	EACH	1000	\$1.00	\$1,000.00
651.15	Seed (grass)	LBS	15	\$8.01	\$120.15
601.0905	12" CPEP Outlet Works^	LF	65	\$59.42	\$3,862.30
605.20	6" Perforated Pipe	LF	40	\$23.06	\$922.40
653.20	Temporary Erosion Matting	SY	332	\$2.34	\$776.88
604.20	Precast Reinforced Concrete Catch Basin with Cast Iron Grate	EACH	1	\$3,822.01	\$3,822.01
<i>Subtotal:</i>					\$26,979.59
Conveyance Costs (w/labor and trucking included)					
204.20	Trench Excavation of Earth	CY	1400	\$18.03	\$25,242.00
601.0905	12" CPEP	LF	210	\$59.42	\$12,478.20
605.20	6" Perforated Pipe	LF	180	\$23.06	\$4,150.80
604.20	Precast Reinforced Concrete Catch Basin with Cast Iron Grate	EACH	2	\$3,822.01	\$7,644.02
651.15	Seed (grass)	LBS	15	\$7.79	\$116.85
<i>Subtotal:</i>					\$49,631.87
Subtotal:					\$84,603.26
	Construction Oversight	HR	40	\$100.00	\$4,000.00
	Construction Contingency - 20%				\$16,920.65
Total (Rounded)					\$106,000.00

^ 12" CPEP pipe cost from 2018 2-year Average Price List