3rd Street Dam Bridge
Spillway & Bridge Replacement; Embankment and Roadway Improvements
Media, Pennsylvania
Cost Estimate

Item	Unit	Unit Cost	Quantity	Total Cost
1. Mobilization/Demobilization	LS	$180,000	1	$180,000
2. Clearing and Grubbing	LS	$50,000	1	$50,000
3. Demolition of Existing Structures	LS	$25,000	1	$25,000
4. Control of Water	LS	$70,000	1	$70,000
4a. Sheeting	SF	$35	12000	$420,000
5. Excavation	CY	$20	1700	$34,000
6. Earthfill	CY	$20	9650	$193,000
7. Concrete	-	-	-	-
7.a Proposed Drop Inlet	CY	$750	70	$52,500
7.b Proposed Culvert	CY	$750	160	$120,000
7.c Stilling Basin	CY	$750	105	$78,750
7.d Parapet	CY	$750	420	$315,000
8. Filter Drain	CY	$60	1000	$60,000
9. Repair of Upstream Crest Wall	LS	$35,000	1	$35,000
10. Storm Sewer	LS	$100,000	1	$100,000
11. Pavement	SY	$70	760	$53,200
12. Topsoil and Seeding	SY	$15	3200	$48,000
			Subtotal	**$1,834,450**
			Contigency - 25%	$458,613
		Total Estimated Construction Cost (2009 Dollars)		**$2,293,063**
			Escalation 5% per Year at 3 Yrs	$361,444
			Engineering Costs - 25%	$573,266
		Total Construction and Engineering Costs		**$3,227,772**

Notes:
1. Cost assumes utilities will be relocated by others at no cost to Borough (design and construction).
2. Inflation assumed at 5% per year, with construction in 2012.
3. Control of water assumes a cofferdam is required to maintain full pool during construction.
4. Assumes improvements to dam and bridge are as presented on Schnabel Engineering Associates, Inc., plans dated October 2002.
5. Construction cost assumes a 25% contingency to reflect uncertainties and unidentified items.