



January 10, 2011

City of Massillon
151 Lincoln Way East
Massillon, Ohio 44646

Attn: Mr. Keith Dylewski, P.E, P.S.
City Engineer

Re: Proposal-Quotation
Construction Documents
Wetmore Creek Conduit Repairs
Massillon Local Protection Project
Massillon, Ohio

Mr. Dylewski:

As requested, this letter presents our proposal to inspect the Wetmore Creek Conduit and prepare construction documents to repair the conduit in support of the levee certification efforts for the Massillon Local Protection Project. The estimated cost of the work is \$12,301.00. A detailed breakdown of the cost is attached.

Our proposed scope of work is below:

- Review existing information regarding the conduit. It is anticipated that this information would include existing drawings and previous inspection records.
- Perform a detailed structural inspection of the conduit. The inspection would be performed by a senior structural engineer supported by a junior structural engineer. The conduit is a confined space entry and both structural engineers will have confined space certifications. However, it is understood that the City of Massillon will provide all necessary equipment for the confined space entry as well as the surface attendant.
- No field survey of the conduit will be performed. Existing drawings will be used to determine locations within the conduit.
- Plans of the recommended repairs will be prepared. We anticipate that the plans would consist of the following drawings:
 - Cover sheet
 - General notes
 - Plan and profile views of the conduit from existing drawings
 - Repair and other construction details



- Specifications will be prepared for the construction.
- A construction cost estimate will be prepared.

Tetra Tech will mobilize to the site for the inspection within 7 to 10 days of receiving a notice to proceed. A draft submittal of the construction plans, specifications, and cost estimate will be submitted to the City within three weeks of the completion of the inspection work.

Thank you for the opportunity to submit a proposal for the work. If you have any questions, please do not hesitate to contact me at pete.nix@tetrattech.com or at (614) 289-0112 x227.

Sincerely,

A handwritten signature in black ink, appearing to read 'Pete Nix'.

Pete Nix, P.E.
Columbus Office Manager

Cost Estimate

Cost Estimate
Wetmore Creek Conduit Inspection
Construction Documents

	Project Manager	Civil Engineer III	Senior Structural Engineer	Junior Structural Engineer	CADD Operator	Clerical	Direct costs	
Task	\$ 185.00	\$ 100.00	\$ 135.00	\$ 85.00	\$ 74.00	\$ 64.00	---	Remarks
Review existing information	1	2	2	2				200 miles @ \$0.50/mile 2 man-days of per diem @ \$125/man-day
Conduit inspection								
Travel time (office to site and back)			4	4			\$100	
Inspection			10	10			\$250	
Repair recommendations/notes	1		8	4				
Prepare draft construction plans	2	8	12	4	8			
Prepare draft specifications		2	4	2		4		
Prepare draft construction cost estimate		4	2	1				
Final submittal based on City's comments	1	4		1		2		
Total Labor (Hours)	5	20	42	28	8	6		
Total Cost	\$ 925.00	\$ 2,000.00	\$ 5,670.00	\$ 2,380.00	\$ 592.00	\$ 384.00	\$ 350.00	

Total Estimated Cost = \$ 12,301.00

Note: Cost estimate assumes that the City will provide all equipment necessary for the confined space entry and the surface attendant.