



ENGINEERING ASSOCIATES, INC.

1935 Eagle Pass, Wooster, Ohio 44691

Telephone: (330) 345-6556

Fax: (330) 345-8077

Kent D. Baker, P.E.

Gary D. Daugherty, P.E.

A. Frederick Seling Jr., P.E.

Ronny E. Portz, P.E.

Sheldon Schlabach, P.E.

**VILLAGE OF PERRYSVILLE
WASTEWATER SYSTEM IMPROVEMENTS
OPTION #1 - REPLACE PUMP STATION AT BRIDGE STREET
PRELIMINARY PROJECT COST ESTIMATE
February 24, 2010**

CONSTRUCTION COST				
<u>Item Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Price</u>	<u>Total</u>
<i>BRIDGE STREET PUMP STATION REPLACEMENT</i>				
Ex. Pump Station Demolition and Removal	Lump	Sum	\$10,000	\$10,000
Site Preparation	Lump	Sum	\$14,000	\$14,000
Access Drive	Lump	Sum	\$10,000	\$10,000
Excavation and Backfill	Lump	Sum	\$60,000	\$60,000
Suction Lift Pump Station	Lump	Sum	\$80,000	\$80,000
Standby Generator	Lump	Sum	\$40,000	\$40,000
Electrical and Control Work	Lump	Sum	\$25,000	\$25,000
6" PVC Directional Bored Force Main	550	L.F.	\$30	\$16,500
8" PVC Sanitary Sewer	50	L.F.	\$60	\$3,000
Manholes	1	Each	\$3,000	<u>\$3,000</u>
Subtotal				\$261,500
<i>SANITARY SEWER REPLACEMENT</i>				
8" PVC Sanitary Sewer	1,000	L.F.	\$70	\$70,000
6" PVC Sanitary Lateral	200	L.F.	\$50	\$10,000
8" Sanitary Sewer Relining	830	L.F.	\$50	\$41,500
Manholes	9	Each	\$3,000	<u>\$27,000</u>
Subtotal				\$148,500
Total Construction Cost				\$410,000
Contingencies (10%)				<u>\$41,000</u>
Grand Total Construction Cost				\$451,000
ENGINEERING COST				
Field Work				\$9,000
Detailed Design				\$30,000
Construction Administration				\$10,000
Construction Observation (3 Months)				\$30,000
As-Built Drawings				<u>\$2,500</u>
Total Engineering Cost				\$81,500
OTHER INCIDENTAL COSTS				
Permits and Approvals				\$3,000
TV Inspection				\$3,000
Environmental Report				<u>\$10,000</u>
Total Incidental Cost				\$16,000
TOTAL PROJECT COST				\$548,500