



Evans, Mechwart, Hambleton & Tilton, Inc.
Engineers, Surveyors, Planners, Scientists

City of Columbus, Ohio

ESTIMATE OF PROBABLE PROJECT COST FOR

1145 Olentangy River Road
Sanitary Sewer Rehabilitation

June 19, 2009

Ref. No.	Item No.	Description	Qty	Unit	Unit Price	Extension
1	624	Mobilization	1	LS	\$4,000.00	\$4,000.00
2	614	Maintenance of Traffic	1	LS	\$5,000.00	\$5,000.00
3	SS-3	Bypass Pumping	1	LS	\$25,000.00	\$25,000.00
4 *	SS-7	Cementitious Grouting	15	CF	\$100.00	\$1,500.00
5	SS-10	Cementitious Manhole Rehabilitation	57	VF	\$250.00	\$14,250.00
6	SS-10	Sanitary Manhole, Reconstruct to Grade	2	EA	\$1,200.00	\$2,400.00
7	SS-12	24" Cured in Place Pipe, 12.0mm Wall Thickness	613	LF	\$150.00	\$91,950.00
8 *	SS-12	1.5mm Incremental Wall Thickness, Increase or Decrease for 24" Pipe	613	LF	\$4.00	\$2,452.00

* Denotes Contingency Quantity

SUBTOTAL = \$146,552.00

CONTINGENCY (15%) = \$21,982.80

OPINION OF PROBABLE CONSTRUCTION COST = \$168,534.80

PERFORMANCE BOND (2%) = \$0.00

CITY OF COLUMBUS INSPECTION (15%) = \$25,280.22

PROBABLE ESTIMATED PROJECT COST = \$193,815.02

SAY = \$0.00

CIVIL ENGINEERING FEE = \$0.00

PERMITTING FEES = \$0.00

TOTAL = \$193,815.02

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Since EMH&T has no control over the cost of labor, material, equipment, or over the contractor's method of determining prices, or over the competitive bidding or market conditions at the time of bid, the statement of probable construction cost is based on industry practice, professional experience and qualifications, and represents EMH&T's best judgment as a consultant familiar with the construction industry. EMH&T does not guarantee that the proposals, bids, or the construction cost will not vary from opinions of probable cost prepared by them.

This estimate of probable cost, unless otherwise noted, does not include costs associated with easement and/or land acquisition. Costs associated with the relocation of existing public and private utilities are also not included, unless specifically identified.



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City of Columbus, Ohio
ESTIMATE OF PROBABLE PROJECT COST FOR
RIVER SOUTH DEVELOPMENT
RiverSouth II Front Street Sanitary Rehabilitation

March 23, 2009

Ref. No.	Item No.	Description	Qty	Unit	Unit Price	Extension
1	202	15" Pipe Filled in Place, Complete	8	LF.	\$20.00	\$160.00
2	252	Permanent Pavement Replacement	42	SY	\$250.00	\$10,500.00
3 *	253	Temporary Pavement	42	SY	\$175.00	\$7,350.00
4	604	Sanitary Manhole, Type C	1	EA.	\$ 15,000.00	\$15,000.00
5	604	Sanitary Manhole, Type C, with Outside Drop	1	EA.	\$ 25,000.00	\$25,000.00
6	623	Construction Layout Stakes	1	LS	\$ 1,500.00	\$1,500.00
7	624	Mobilization	1	LS	\$4,000.00	\$4,000.00
8	901	24" Sanitary Pipe w/Type I Bedding, w/Flowable Controlled Density Fill	9	LF	\$450.00	\$4,050.00
9	SS-3	Bypass Pumping	1	LS	\$8,000.00	\$8,000.00
10 *	SS-7	Cementitious Grouting	15	CF	\$100.00	\$1,500.00
11	SS-10	Cementitious Manhole Rehabilitation	11	VF	\$250.00	\$2,750.00
12	SS-11	Lateral Status Report	1	LS	\$2,000.00	\$2,000.00
13	SS-12	Trim Lateral Service Pipe	17	EA.	\$500.00	\$8,500.00
17	SS-12	24" Cured in Place Pipe, 12.0mm Wall Thickness	957	LF	\$150.00	\$143,550.00
21 *	SS-12	1.5mm Incremental Wall Thickness, Increase or Decrease for 24" Pipe	957	LF	\$4.00	\$3,828.00
23	Spec.	Disconnect Roof Drains from Combined Sewer	1	L.S.	\$ 9,000.00	\$9,000.00

* Contingency Item

SUBTOTAL = \$246,688.00

CONTINGENCY (15%) = \$37,003.20

OPINION OF PROBABLE CONSTRUCTION COST = \$283,691.20

CITY OF COLUMBUS INSPECTION (10%) = \$24,668.80

PROBABLE ESTIMATED PROJECT COST = \$308,360.00

Say = \$309,000.00

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City of Columbus, Ohio

ESTIMATE OF PROBABLE PROJECT COST FOR

RIVER SOUTH DEVELOPMENT

RiverSouth II Main Street Sanitary Rehabilitation

March 23, 2009

Ref. No.	Item No.	Description	Qty	Unit	Unit Price	Extension
7	624	Mobilization	1	LS	\$2,000.00	\$2,000.00
9	SS-3	Bypass Pumping	1	LS	\$4,000.00	\$4,000.00
10 *	SS-7	Cementitious Grouting	35	CF	\$100.00	\$3,500.00
11	SS-10	Cementitious Manhole Rehabilitation	26	VF	\$250.00	\$6,500.00
12	SS-11	Lateral Status Report	1	LS	\$1,000.00	\$1,000.00
14	SS-12	10" Cured in Place Pipe, 7.5mm Wall Thickness	360	LF	\$85.00	\$30,600.00
19 *	SS-12	1.5mm Incremental Wall Thickness, Increase or Decrease for 10" Pipe	360	LF	\$2.00	\$720.00
23	Spec.	Disconnect Roof Drains from Combined Sewer	1	L.S.	\$ 1,500.00	\$1,500.00

* Contingency Item

SUBTOTAL = \$49,820.00

CONTINGENCY (15%) = \$7,473.00

OPINION OF PROBABLE CONSTRUCTION COST = \$57,293.00

CITY OF COLUMBUS INSPECTION (10%) = \$4,982.00

PROBABLE ESTIMATED PROJECT COST = \$62,275.00

Say = \$63,000.00

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EMH&T JN: 2008-0581



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City of Columbus, Ohio

ESTIMATE OF PROBABLE PROJECT COST FOR

RIVER SOUTH DEVELOPMENT

RiverSouth II Ludlow Street Sanitary Rehabilitation

March 23, 2009

Ref. No.	Item No.	Description	Qty	Unit	Unit Price	Extension
2	252	Permanent Pavement Replacement	22	SY	\$250.00	\$5,500.00
3 *	253	Temporary Pavement	22	SY	\$175.00	\$3,850.00
4	604	Sanitary Manhole, Type C	1	EA.	\$ 15,000.00	\$15,000.00
6	623	Construction Layout Stakes	1	LS	\$ 1,000.00	\$1,000.00
7	624	Mobilization	1	LS	\$4,000.00	\$4,000.00
9	SS-3	Bypass Pumping	1	LS	\$8,000.00	\$8,000.00
10 *	SS-7	Cementitious Grouting	70	CF	\$100.00	\$7,000.00
11	SS-10	Cementitious Manhole Rehabilitation	33	VF	\$250.00	\$8,250.00
12	SS-11	Lateral Status Report	1	LS	\$2,000.00	\$2,000.00
13	SS-12	Trim Lateral Service Pipe	13	EA.	\$500.00	\$6,500.00
15	SS-12	15" Cured in Place Pipe, 6.0mm Wall Thickness	72	LF	\$91.00	\$6,552.00
16	SS-12	15" Cured in Place Pipe, 7.5mm Wall Thickness	258	LF	\$93.00	\$23,994.00
18	SS-12	27" Cured in Place Pipe, 12.0mm Wall Thickness	434	LF	\$175.00	\$75,950.00
20 *	SS-12	1.5mm Incremental Wall Thickness, Increase or Decrease for 15" Pipe	330	LF	\$2.00	\$660.00
22 *	SS-12	1.5mm Incremental Wall Thickness, Increase or Decrease for 27" Pipe	434	LF	\$4.00	\$1,736.00
23	Spec.	Disconnect Roof Drains from Combined Sewer	1	L.S.	\$ 11,000.00	\$11,000.00

* Contingency Item

SUBTOTAL = \$180,992.00

CONTINGENCY (15%) = \$27,148.80

OPINION OF PROBABLE CONSTRUCTION COST = \$208,140.80

CITY OF COLUMBUS INSPECTION (10%) = \$18,099.20

PROBABLE ESTIMATED PROJECT COST = \$226,240.00

Say = \$227,000.00

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