

Bid Summary
2017 Sewer Line Replacement Phase A

Bid Opening: February 14, 2017

By: Justin Vensel, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Engineer's Estimate		MA Concrete Construction Inc		Dirtworks		Low Unit Price	High Unit Price	Median Unit Price	Average Unit Price
					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price				
1	108.2	6" Gravity Sewer Pipe (SDR-35 PVC)	100.	LF	\$ 39.00	\$ 3,900.00	\$ 46.00	\$ 4,600.00	\$ 48.00	\$ 4,800.00	\$ 46.00	\$ 48.00	\$ 47.00	\$ 47.00
2	108.2	8" Gravity Sewer Pipe (SDR-35 PVC)	1,865.	LF	\$ 49.00	\$ 91,385.00	\$ 40.00	\$ 74,600.00	\$ 41.00	\$ 76,465.00	\$ 40.00	\$ 41.00	\$ 40.50	\$ 40.50
3	108.2	12" Gravity Sewer Pipe (SDR-35 PVC)	1,335.	LF	\$ 62.00	\$ 82,770.00	\$ 52.00	\$ 69,420.00	\$ 46.50	\$ 62,077.50	\$ 46.50	\$ 52.00	\$ 49.25	\$ 49.25
4	108.2	15" Gravity Sewer Pipe (SDR-35 PVC)	190.	LF	\$ 103.00	\$ 19,570.00	\$ 58.00	\$ 11,020.00	\$ 49.25	\$ 9,357.50	\$ 49.25	\$ 58.00	\$ 53.63	\$ 53.63
5	108.2	18" Gravity Sewer Pipe (SDR-35 PVC)	72.	LF	\$ 110.00	\$ 7,920.00	\$ 180.00	\$ 12,960.00	\$ 85.00	\$ 6,120.00	\$ 85.00	\$ 180.00	\$ 132.50	\$ 132.50
6	108.2	4" Sanitary Sewer Pipe (SDR-35 PVC) Price to Include connections to the sewer main and existing sewer service line.	952.	LF	\$ 51.00	\$ 48,552.00	\$ 53.00	\$ 50,456.00	\$ 51.00	\$ 48,552.00	\$ 51.00	\$ 53.00	\$ 52.00	\$ 52.00
7	108.2	12" Storm Drain Pipe (RCP or HP Storm)	110.	LF	\$ 58.00	\$ 6,380.00	\$ 60.00	\$ 6,600.00	\$ 68.00	\$ 7,480.00	\$ 60.00	\$ 68.00	\$ 64.00	\$ 64.00
8	108.2	Import Trench Material	5,000.	Ton	\$ 14.00	\$ 70,000.00	\$ 18.50	\$ 92,500.00	\$ 14.00	\$ 70,000.00	\$ 14.00	\$ 18.50	\$ 16.25	\$ 16.25
9	108.2	Bypass Pumping	1.	LS	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 300,000.00	\$ 300,000.00	\$ 5,000.00	\$300,000.00	\$152,500.00	\$152,500.00
10	108.3	8" X 4" Sewer Service Tap (Full Body Wye w/ Street 45°)	35.	EA	\$ 112.00	\$ 3,920.00	\$ 300.00	\$ 10,500.00	\$ 110.00	\$ 3,850.00	\$ 110.00	\$ 300.00	\$ 205.00	\$ 205.00
11	108.3	12" X 4" Sewer Service Tap (Full Body Wye w/ Street 45°)	2.	EA	\$ 162.00	\$ 324.00	\$ 430.00	\$ 860.00	\$ 200.00	\$ 400.00	\$ 200.00	\$ 430.00	\$ 315.00	\$ 315.00
12	108.3	Inserta Tee(15"18" Pipe)	4.	EA	\$ 180.00	\$ 720.00	\$ 300.00	\$ 1,200.00	\$ 180.00	\$ 720.00	\$ 180.00	\$ 300.00	\$ 240.00	\$ 240.00
13	108.3	Sanitary Sewer Service Clean-out Ring and Cover (Castings Inc. CO8030-CI or equivalent)	40.	EA	\$ 300.00	\$ 12,000.00	\$ 1,150.00	\$ 46,000.00	\$ 300.00	\$ 12,000.00	\$ 300.00	\$ 1,150.00	\$ 725.00	\$ 725.00
14	108.2	6" Water Pipe (C-900 PVC)	130.	LF	\$ 52.00	\$ 6,760.00	\$ 23.00	\$ 2,990.00	\$ 45.00	\$ 5,850.00	\$ 23.00	\$ 45.00	\$ 34.00	\$ 34.00
15	108.2	12" Water Pipe (C-900 PVC)	20.	LF	\$ 83.00	\$ 1,660.00	\$ 120.00	\$ 2,400.00	\$ 65.00	\$ 1,300.00	\$ 65.00	\$ 120.00	\$ 92.50	\$ 92.50
16	108.3	6" Gate Valve	2.	EA	\$ 1,500.00	\$ 3,000.00	\$ 1,010.00	\$ 2,020.00	\$ 1,800.00	\$ 3,600.00	\$ 1,010.00	\$ 1,800.00	\$ 1,405.00	\$ 1,405.00
17	108.4	6" X 3/4" Tapping Saddle	1.	EA	\$ 400.00	\$ 400.00	\$ 300.00	\$ 300.00	\$ 300.00	\$ 300.00	\$ 300.00	\$ 300.00	\$ 300.00	\$ 300.00
18	108.3	6' X6" Tee	1.	EA	\$ 1,500.00	\$ 1,500.00	\$ 515.00	\$ 515.00	\$ 750.00	\$ 750.00	\$ 515.00	\$ 750.00	\$ 632.50	\$ 632.50
19	108.3	12" X 6" Cross	1.	EA	\$ 2,200.00	\$ 2,200.00	\$ 845.00	\$ 845.00	\$ 825.00	\$ 825.00	\$ 825.00	\$ 845.00	\$ 835.00	\$ 835.00
20	108.5	6" 45deg Elbow	4.	EA	\$ 800.00	\$ 3,200.00	\$ 310.00	\$ 1,240.00	\$ 950.00	\$ 3,800.00	\$ 310.00	\$ 950.00	\$ 630.00	\$ 630.00
21	108.4	3/4" Corperation Stop	1.	EA	\$ 600.00	\$ 600.00	\$ 240.00	\$ 240.00	\$ 125.00	\$ 125.00	\$ 125.00	\$ 240.00	\$ 182.50	\$ 182.50
22	108.3	6" Fitting (Special) (Hi-Max or engineer approved equal)	2.	EA	\$ 800.00	\$ 1,600.00	\$ 405.00	\$ 810.00	\$ 625.00	\$ 1,250.00	\$ 405.00	\$ 625.00	\$ 515.00	\$ 515.00
23	108.3	12" Fitting (Special) (Hi-Max or engineer approved equal)	2.	EA	\$ 1,200.00	\$ 2,400.00	\$ 570.00	\$ 1,140.00	\$ 950.00	\$ 1,900.00	\$ 570.00	\$ 950.00	\$ 760.00	\$ 760.00
24	108.5	Storm sewer Basic Manhole (48" I.D.)	1.	EA	\$ 2,600.00	\$ 2,600.00	\$ 3,400.00	\$ 3,400.00	\$ 2,600.00	\$ 2,600.00	\$ 2,600.00	\$ 3,400.00	\$ 3,000.00	\$ 3,000.00

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25	108.5	Sanitary Sewer Basic Manhole (48" I.D.)	20.	EA	\$ 3,400.00	\$ 68,000.00	\$ 3,500.00	\$ 70,000.00	\$ 3,500.00	\$ 70,000.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00
26	108.5	Manhole Barrel Section (D>5')(48" I.D.)	40.	VF	\$ 78.00	\$ 3,120.00	\$ 150.00	\$ 6,000.00	\$ 110.00	\$ 4,400.00	\$ 110.00	\$ 150.00	\$ 130.00	\$ 130.00
27	108.5	Sanitary Sewer Basic Manhole (60" I.D.)	10.	EA	\$ 3,800.00	\$ 38,000.00	\$ 3,800.00	\$ 38,000.00	\$ 5,200.00	\$ 52,000.00	\$ 3,800.00	\$ 5,200.00	\$ 4,500.00	\$ 4,500.00
28	108.5	Manhole Barrel Section (D>5')(60" I.D.)	29.	VF	\$ 163.00	\$ 4,727.00	\$ 160.00	\$ 4,640.00	\$ 160.00	\$ 4,640.00	\$ 160.00	\$ 160.00	\$ 160.00	\$ 160.00
29	108.5	Sanitary Sewer Basic Drop Manhole (48" I.D.)	1.	EA	\$ 6,500.00	\$ 6,500.00	\$ 5,250.00	\$ 5,250.00	\$ 7,500.00	\$ 7,500.00	\$ 5,250.00	\$ 7,500.00	\$ 6,375.00	\$ 6,375.00
30	108.5	Drop Manhole Barrel Section (D>5')(48" I.D.)	6.	VF	\$ 300.00	\$ 1,800.00	\$ 130.00	\$ 780.00	\$ 205.00	\$ 1,230.00	\$ 130.00	\$ 205.00	\$ 167.50	\$ 167.50
31	108.5	Sanitary Sewer Basic Drop Manhole (60" I.D.)	4.	EA	\$ 7,200.00	\$ 28,800.00	\$ 5,200.00	\$ 20,800.00	\$ 9,000.00	\$ 36,000.00	\$ 5,200.00	\$ 9,000.00	\$ 7,100.00	\$ 7,100.00
32	108.5	Drop Manhole Barrel Section (D>5')(60" I.D.)	25.	VF	\$ 400.00	\$ 10,000.00	\$ 200.00	\$ 5,000.00	\$ 162.00	\$ 4,050.00	\$ 162.00	\$ 200.00	\$ 181.00	\$ 181.00
33	108.5	Connect to Existing Pipe (6" VCP)	2.	EA	\$ 400.00	\$ 800.00	\$ 1,125.00	\$ 2,250.00	\$ 360.00	\$ 720.00	\$ 360.00	\$ 1,125.00	\$ 742.50	\$ 742.50
34	108.5	Connect to Existing Pipe (8" VCP)	5.	EA	\$ 500.00	\$ 2,500.00	\$ 1,130.00	\$ 5,650.00	\$ 385.00	\$ 1,925.00	\$ 385.00	\$ 1,130.00	\$ 757.50	\$ 757.50
35	108.7	Granular Stabilization Material	350.	CY	\$ 18.00	\$ 6,300.00	\$ 31.00	\$ 10,850.00	\$ 20.00	\$ 7,000.00	\$ 20.00	\$ 31.00	\$ 25.50	\$ 25.50
36	202	Removal of Asphalt (Cut and Remove as shown on Plans)	3,250.	SY	\$ 4.00	\$ 13,000.00	\$ 8.00	\$ 26,000.00	\$ 3.25	\$ 10,562.50	\$ 3.25	\$ 8.00	\$ 5.63	\$ 5.63
37	202	Removal of Concrete (Saw Cut as required and remove concrete as shown on plans)	1,081.	SY	\$ 10.00	\$ 10,810.00	\$ 5.00	\$ 5,405.00	\$ 6.00	\$ 6,486.00	\$ 5.00	\$ 6.00	\$ 5.50	\$ 5.50
39	202	Remove Sod	670.	SF	\$ 1.00	\$ 670.00	\$ 2.00	\$ 1,340.00	\$ 2.50	\$ 1,675.00	\$ 2.00	\$ 2.50	\$ 2.25	\$ 2.25
40	202	Removal of Manhole (No Re-Installation) (Price to insluce plugging existing pipes, removal of consection and backfilling with a self consolidating Material)	14.	EA	\$ 800.00	\$ 11,200.00	\$ 1,260.00	\$ 17,640.00	\$ 3,500.00	\$ 49,000.00	\$ 1,260.00	\$ 3,500.00	\$ 2,380.00	\$ 2,380.00
41	203	Disposal of Radioactive Material	100.	CY	\$ 36.00	\$ 3,600.00	\$ 19.00	\$ 1,900.00	\$ 9.00	\$ 900.00	\$ 9.00	\$ 19.00	\$ 14.00	\$ 14.00
42	208	Erosion Control (Complete in Place)	1.	LS	\$ 2,500.00	\$ 2,500.00	\$ 3,100.00	\$ 3,100.00	\$ 5,200.00	\$ 5,200.00	\$ 3,100.00	\$ 5,200.00	\$ 4,150.00	\$ 4,150.00
43	208	Concrete Washout	1.	LS	\$ 3,500.00	\$ 3,500.00	\$ 400.00	\$ 400.00	\$ 2,500.00	\$ 2,500.00	\$ 400.00	\$ 2,500.00	\$ 1,450.00	\$ 1,450.00
44	209	Dust Abatement	100.	DAY	\$ 75.00	\$ 7,500.00	\$ 285.00	\$ 28,500.00	\$ 45.00	\$ 4,500.00	\$ 45.00	\$ 285.00	\$ 165.00	\$ 165.00
45	212	Re-Sod Areas as Shown	670.	SF	\$ 2.10	\$ 1,407.00	\$ 2.00	\$ 1,340.00	\$ 7.50	\$ 5,025.00	\$ 2.00	\$ 7.50	\$ 4.75	\$ 4.75
46	304	Aggregate Base Course (Class 6) (6" thick)(BOW locations)	110.	SY	\$ 18.00	\$ 1,980.00	\$ 20.00	\$ 2,200.00	\$ 45.00	\$ 4,950.00	\$ 20.00	\$ 45.00	\$ 32.50	\$ 32.50

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48	304	Aggregate Base Course (Class 6) (12" thick)	1,530.	SY	\$ 21.00	\$ 32,130.00	\$ 20.00	\$ 30,600.00	\$ 16.50	\$ 25,245.00	\$ 16.50	\$ 20.00	\$ 18.25	\$ 18.25
49	304	Aggregate Base Course (Class 6) (16" thick)	1,610.	SY	\$ 26.00	\$ 41,860.00	\$ 20.00	\$ 32,200.00	\$ 18.00	\$ 28,980.00	\$ 18.00	\$ 20.00	\$ 19.00	\$ 19.00
50	401	Hot Mix Asphalt (Patching)(1 " Thick) Grading SX Binder 64-22	3,140.	SY	\$ 18.00	\$ 56,520.00	\$ 16.00	\$ 50,240.00	\$ 12.00	\$ 37,680.00	\$ 12.00	\$ 16.00	\$ 14.00	\$ 14.00
51	401	Hot Mix Asphalt (Patching)(3" Thick) Grading SX Binder 64-22	110.	SY	\$ 36.00	\$ 3,960.00	\$ 41.00	\$ 4,510.00	\$ 45.00	\$ 4,950.00	\$ 41.00	\$ 45.00	\$ 43.00	\$ 43.00
52	608	Concrete Drive Over Curb and Gutter (2' Wide)	70.	LF	\$ 21.00	\$ 1,470.00	\$ 41.00	\$ 2,870.00	\$ 18.45	\$ 1,291.50	\$ 18.45	\$ 41.00	\$ 29.73	\$ 29.73
53	608	Monolithic Drive Over Curb Gutter and Sidewalk (Width Varies)	160.	SY	\$ 82.00	\$ 13,120.00	\$ 72.00	\$ 11,520.00	\$ 58.10	\$ 9,296.00	\$ 58.10	\$ 72.00	\$ 65.05	\$ 65.05
54	608	Concrete Sidewalk (4" thick)	35.	SY	\$ 54.00	\$ 1,890.00	\$ 70.00	\$ 2,450.00	\$ 42.30	\$ 1,480.50	\$ 42.30	\$ 70.00	\$ 56.15	\$ 56.15
55	608	Concrete Driveway Section (6" Thick)	1,040.	SY	\$ 82.00	\$ 85,280.00	\$ 60.00	\$ 62,400.00	\$ 46.60	\$ 48,464.00	\$ 46.60	\$ 60.00	\$ 53.30	\$ 53.30
56	620	Portable Sanitary Facility	1.	LS	\$ 600.00	\$ 600.00	\$ 400.00	\$ 400.00	\$ 650.00	\$ 650.00	\$ 400.00	\$ 650.00	\$ 525.00	\$ 525.00
57	625	Construction Surveying	1.	LS	\$ 9,200.00	\$ 9,200.00	\$ 20,000.00	\$ 20,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 20,000.00	\$ 13,500.00	\$ 13,500.00
58	626	Mobilization	1.	LS	\$ 11,000.00	\$ 11,000.00	\$ 168,899.00	\$ 168,899.00	\$ 85,000.00	\$ 85,000.00	\$ 85,000.00	\$ 168,899.00	\$ 126,949.50	\$ 126,949.50
59	629	Survey Monument (Reference and Reset)	5.	EA	\$ 600.00	\$ 3,000.00	\$ 350.00	\$ 1,750.00	\$ 950.00	\$ 4,750.00	\$ 350.00	\$ 950.00	\$ 650.00	\$ 650.00
60	630	Traffic Control (Complete in Place)	1.	LS	\$ 12,000.00	\$ 12,000.00	\$ 130,000.00	\$ 130,000.00	\$ 150,000.00	\$ 150,000.00	\$ 130,000.00	\$ 150,000.00	\$ 140,000.00	\$ 140,000.00
61	630	Traffic Control Plan	1.	LS	\$ 500.00	\$ 500.00	\$ 5,500.00	\$ 5,500.00	\$ 600.00	\$ 600.00	\$ 600.00	\$ 5,500.00	\$ 3,050.00	\$ 3,050.00
62	630	Flagging	750.	HR	\$ 26.00	\$ 19,500.00	\$ 30.00	\$ 22,500.00	\$ 30.00	\$ 22,500.00	\$ 30.00	\$ 30.00	\$ 30.00	\$ 30.00
63	GCC-56	Newsletters (20-80 per distribution)(weekly)	1.	LS	\$ 600.00	\$ 600.00	\$ 550.00	\$ 550.00	\$ 5,500.00	\$ 5,500.00	\$ 550.00	\$ 5,500.00	\$ 3,025.00	\$ 3,025.00
64	SP1	Quality Control Testing	1.	LS	\$ 16,000.00	\$ 16,000.00	\$ 18,000.00	\$ 18,000.00	\$ 26,000.00	\$ 26,000.00	\$ 18,000.00	\$ 26,000.00	\$ 22,000.00	\$ 22,000.00
65	SP2	Installation of Clean-out (Price to Include Two way sweep, vertical extension, coupling to existing PVC Pipe and cap)	4.	EA	\$ 400.00	\$ 1,600.00	\$ 1,230.00	\$ 4,920.00	\$ 2,500.00	\$ 10,000.00	\$ 1,230.00	\$ 2,500.00	\$ 1,865.00	\$ 1,865.00
66	SP3	Repair sag Line Per drawing SHT 6 of plan set	1.	LS	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00	\$ 24,000.00	\$ 24,000.00	\$ 20,000.00	\$ 24,000.00	\$ 22,000.00	\$ 22,000.00
MCR		Minor Contract Revisions	---	---	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
TOTAL BID:						\$ 1,025,305.00		\$ 1,347,970.00	2	\$ 1,497,772.50				

[1] - corrected extension

[2] - corrected total