

**Bid Summary**  
**2005 Waterline Replacements, Phase 1**

Bid Opening: May 3, 2005

By: T. Kent Harbert, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Engineer's Estimate		M.A. Concrete Construction, Inc.		Continental Pipeline Constr. , Inc.		Skyline Contracting, Inc.	
					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
1	108.2	Water main (4") (C-900 PVC)	10.	LF	\$ 25.00	\$ 250.00	\$ 110.00	\$ 1,100.00	\$ 50.00	\$ 500.00	\$ 50.00	\$ 500.00
2	108.2	Water main (6") (C-900 PVC)	600.	LF	\$ 22.00	\$ 13,200.00	\$ 35.00	\$ 21,000.00	\$ 21.60	\$ 12,960.00	\$ 28.80	\$ 17,280.00
3	108.2	Water main (6") (C-900 PVC) (flow-fill backfill)	20.	LF	\$ 45.00	\$ 900.00	\$ 99.00	\$ 1,980.00	\$ 40.00	\$ 800.00	\$ 91.00	\$ 1,820.00
4	108.2	Water main (6") (C-900 PVC) (bore or jack)	10.	LF	\$ 50.00	\$ 500.00	\$ 140.00	\$ 1,400.00	\$ 60.00	\$ 600.00	\$ 44.00	\$ 440.00
5	108.2	Water main (8") (C-900 PVC)	2,950.	LF	\$ 25.00	\$ 73,750.00	\$ 20.00	\$ 59,000.00	\$ 20.75	\$ 61,212.50	\$ 26.00	\$ 76,700.00
6	108.2	Water main (8") (C-900 PVC) (flow-fill backfill)	50.	LF	\$ 50.00	\$ 2,500.00	\$ 65.00	\$ 3,250.00	\$ 40.00	\$ 2,000.00	\$ 85.00	\$ 4,250.00
7	108.2	Water main (12") (C-900 PVC)	2,600.	LF	\$ 32.00	\$ 83,200.00	\$ 29.00	\$ 75,400.00	\$ 32.90	\$ 85,540.00	\$ 33.10	\$ 86,060.00
8	108.2	Water main (12") (C-900 PVC) (flow-fill backfill)	80.	LF	\$ 55.00	\$ 4,400.00	\$ 90.00	\$ 7,200.00	\$ 65.00	\$ 5,200.00	\$ 77.00	\$ 6,160.00
9	108.2	Water main (12") (C-900 PVC) (bore or jack)	25.	LF	\$ 60.00	\$ 1,500.00	\$ 144.00	\$ 3,600.00	\$ 100.00	\$ 2,500.00	\$ 50.00	\$ 1,250.00
10	108.2	Water main (14") (C-905 PVC)	20.	LF	\$ 45.00	\$ 900.00	\$ 125.00	\$ 2,500.00	\$ 150.00	\$ 3,000.00	\$ 100.00	\$ 2,000.00
11	108.2	Imported trench backfill (Class 3 aggregate base course) (including haul and disposal of unsuitable excavated material)	200.	Ton	\$ 12.00	\$ 2,400.00	\$ 8.50	\$ 1,700.00	\$ 14.00	\$ 2,800.00	\$ 10.30	\$ 2,060.00
12	108.3	Gate valve (6" )	22.	EA	\$ 600.00	\$ 13,200.00	\$ 620.00	\$ 13,640.00	\$ 650.00	\$ 14,300.00	\$ 670.00	\$ 14,740.00
13	108.3	Gate valve (8" )	6.	EA	\$ 850.00	\$ 5,100.00	\$ 920.00	\$ 5,520.00	\$ 1,035.00	\$ 6,210.00 [1]	\$ 920.00	\$ 5,520.00
14	108.3	Gate valve (12" )	8.	EA	\$ 1,500.00	\$ 12,000.00	\$ 1,600.00	\$ 12,800.00	\$ 1,675.00	\$ 13,400.00	\$ 1,600.00	\$ 12,800.00
15	108.3	Tee (6" x 6")	2.	EA	\$ 350.00	\$ 700.00	\$ 320.00	\$ 640.00	\$ 300.00	\$ 600.00	\$ 320.00	\$ 640.00
16	108.3	Tee (8" x 6")	6.	EA	\$ 400.00	\$ 2,400.00	\$ 360.00	\$ 2,160.00	\$ 370.00	\$ 2,220.00	\$ 370.00	\$ 2,220.00

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					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
17	108.3	Tee (8" x 8")	1.	EA	\$ 450.00	\$ 450.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 390.00	\$ 390.00
18	108.3	Tee (12" x 6")	11.	EA	\$ 800.00	\$ 8,800.00	\$ 600.00	\$ 6,600.00	\$ 660.00	\$ 7,260.00	\$ 570.00	\$ 6,270.00
19	108.3	Tee (12" x 8")	2.	EA	\$ 900.00	\$ 1,800.00	\$ 640.00	\$ 1,280.00	\$ 662.00	\$ 1,324.00	\$ 580.00	\$ 1,160.00
20	108.3	Tee (12" x 12")	2.	EA	\$ 1,000.00	\$ 2,000.00	\$ 747.00	\$ 1,494.00	\$ 760.00	\$ 1,520.00	\$ 660.00	\$ 1,320.00
21	108.3	Cross (8" x 6")	1.	EA	\$ 600.00	\$ 600.00	\$ 640.00	\$ 640.00	\$ 620.00	\$ 620.00	\$ 570.00	\$ 570.00
22	108.3	Cross (12" x 12")	1.	EA	\$ 1,000.00	\$ 1,000.00	\$ 750.00	\$ 750.00	\$ 730.00	\$ 730.00	\$ 800.00	\$ 800.00
23	108.3	Elbow (6" x 45°)	13.	EA	\$ 400.00	\$ 5,200.00	\$ 200.00	\$ 2,600.00	\$ 223.00	\$ 2,899.00	\$ 430.00	\$ 5,590.00
24	108.3	Elbow (8" x 45°)	7.	EA	\$ 450.00	\$ 3,150.00	\$ 225.00	\$ 1,575.00	\$ 276.00	\$ 1,932.00	\$ 480.00	\$ 3,360.00
25	108.3	Elbow (8" x 90°)	1.	EA	\$ 475.00	\$ 475.00	\$ 225.00	\$ 225.00	\$ 278.00	\$ 278.00	\$ 490.00	\$ 490.00
26	108.3	Elbow (12" x 45°)	4.	EA	\$ 650.00	\$ 2,600.00	\$ 450.00	\$ 1,800.00	\$ 460.00	\$ 1,840.00	\$ 640.00	\$ 2,560.00
27	108.3	Elbow (12" x 90°)	1.	EA	\$ 700.00	\$ 700.00	\$ 450.00	\$ 450.00	\$ 540.00	\$ 540.00	\$ 670.00	\$ 670.00
28	108.3	Reducer (6" x 4")	1.	EA	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 204.00	\$ 204.00	\$ 230.00	\$ 230.00
29	108.3	Reducer (8" x 6")	1.	EA	\$ 250.00	\$ 250.00	\$ 200.00	\$ 200.00	\$ 239.00	\$ 239.00	\$ 270.00	\$ 270.00
30	108.3	Reducer (12" x 6")	1.	EA	\$ 450.00	\$ 450.00	\$ 300.00	\$ 300.00	\$ 350.00	\$ 350.00	\$ 360.00	\$ 360.00
31	108.3	Reducer (12" x 8")	3.	EA	\$ 500.00	\$ 1,500.00	\$ 375.00	\$ 1,125.00	\$ 434.00	\$ 1,302.00	\$ 380.00	\$ 1,140.00
32	108.3	Reducer (14" x 12")	1.	EA	\$ 600.00	\$ 600.00	\$ 520.00	\$ 520.00	\$ 680.00	\$ 680.00	\$ 570.00	\$ 570.00
33	108.3	Fire hydrant	4.	EA	\$ 1,500.00	\$ 6,000.00	\$ 2,888.00	\$ 11,552.00	\$ 2,300.00	\$ 9,200.00	\$ 3,350.00	\$ 13,400.00
34	108.4	Water service line (3/4") (Type K copper)	470.	LF	\$ 18.00	\$ 8,460.00	\$ 21.00	\$ 9,870.00	\$ 11.00	\$ 5,170.00	\$ 30.00	\$ 14,100.00
35	108.4	Water service line (1") (Type K copper)	80.	LF	\$ 22.00	\$ 1,760.00	\$ 30.00	\$ 2,400.00	\$ 12.00	\$ 960.00	\$ 16.00	\$ 1,280.00

**Bid Summary**

**2005 Waterline Replacements, Phase 1**

Bid Opening: May 3, 2005

By: T. Kent Harbert, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Engineer's Estimate		M.A. Concrete Construction, Inc.		Continental Pipeline Constr. , Inc.		Skyline Contracting, Inc.	
					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
36	108.4	Water service line (1½") (Type K copper)	160.	LF	\$ 25.00	\$ 4,000.00	\$ 32.00	\$ 5,120.00	\$ 15.00	\$ 2,400.00	\$ 18.00	\$ 2,880.00
37	108.4	Tapping saddle (8" x 3/4")	24.	EA	\$ 90.00	\$ 2,160.00	\$ 120.00	\$ 2,880.00	\$ 100.00	\$ 2,400.00	\$ 80.00	\$ 1,920.00
38	108.4	Tapping saddle (8" x 1")	1.	EA	\$ 100.00	\$ 100.00	\$ 140.00	\$ 140.00	\$ 100.00	\$ 100.00	\$ 80.00	\$ 80.00
39	108.4	Tapping saddle (8" x 1½")	2.	EA	\$ 110.00	\$ 220.00	\$ 175.00	\$ 350.00	\$ 140.00	\$ 280.00	\$ 95.00	\$ 190.00
40	108.4	Tapping saddle (12" x 3/4")	10.	EA	\$ 100.00	\$ 1,000.00	\$ 220.00	\$ 2,200.00	\$ 150.00	\$ 1,500.00	\$ 120.00	\$ 1,200.00
41	108.4	Corporation stop (3/4")	34.	EA	\$ 30.00	\$ 1,020.00	\$ 55.00	\$ 1,870.00	\$ 25.00	\$ 850.00	\$ 34.00	\$ 1,156.00
42	108.4	Corporation stop (1")	1.	EA	\$ 35.00	\$ 35.00	\$ 75.00	\$ 75.00	\$ 30.00	\$ 30.00	\$ 39.00	\$ 39.00
43	108.4	Corporation stop (1½")	2.	EA	\$ 40.00	\$ 80.00	\$ 110.00	\$ 220.00	\$ 60.00	\$ 120.00	\$ 64.00	\$ 128.00
44	108.4	Meter setter and meter pit (install only)	2.	EA	\$ 50.00	\$ 100.00	\$ 150.00	\$ 300.00	\$ 150.00	\$ 300.00	\$ 250.00	\$ 500.00
45	108.7	Granular stabilization material (Type B)	200.	Ton	\$ 16.00	\$ 3,200.00	\$ 14.00	\$ 2,800.00	\$ 12.00	\$ 2,400.00	\$ 18.70	\$ 3,740.00
46	108.9	Hot bituminous pavement (2" thick) (temporary patch)	200.	SY	\$ 20.00	\$ 4,000.00	\$ 22.50	\$ 4,500.00	\$ 10.75	\$ 2,150.00	\$ 23.90	\$ 4,780.00
47	108.9	Hot bituminous pavement (Grading SX, 75 gyration, PG64-22) (3" thick) including aggregate base course (Class 6) (6" thick)	190.	SY	\$ 25.00	\$ 4,750.00	\$ 28.00	\$ 5,320.00	\$ 18.00	\$ 3,420.00	\$ 31.90	\$ 6,061.00
48	108.9	Hot bituminous pavement (Grading SX, 75 gyration, PG64-22) (2" bottom lift) including aggregate base course (Class 6) (6" thick)	710.	SY	\$ 20.00	\$ 14,200.00	\$ 15.80	\$ 11,218.00	\$ 13.00	\$ 9,230.00	\$ 18.20	\$ 12,922.00
49	108.9	Hot bituminous pavement (Grading SX, 75 gyration, PG64-22) (2" overlay lift)	900.	SY	\$ 10.00	\$ 9,000.00	\$ 9.30	\$ 8,370.00	\$ 10.00	\$ 9,000.00	\$ 9.70	\$ 8,730.00

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Item No.	CDOT, City Ref.	Description	Quantity	Units	Engineer's Estimate		M.A. Concrete Construction, Inc.		Continental Pipeline Constr. , Inc.		Skyline Contracting, Inc.	
					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
50	108.9	Hot bituminous pavement (Grading SX, 75 gyration, PG64-22) (2½" bottom lift) including aggregate base course (Class 6) (6" thick)	180.	SY	\$ 22.00	\$ 3,960.00	\$ 19.80	\$ 3,564.00	\$ 13.50	\$ 2,430.00	\$ 23.00	\$ 4,140.00
51	108.9	Hot bituminous pavement (Grading SX, 75 gyration, PG64-22) (2½" overlay lift)	240.	SY	\$ 12.00	\$ 2,880.00	\$ 14.50	\$ 3,480.00	\$ 13.50	\$ 3,240.00	\$ 14.90	\$ 3,576.00
52	108.9	Hot bituminous pavement (Grading SX, 75 gyration, PG64-22) (3" bottom lift) including aggregate base course (Class 6) (6" thick)	1,950.	SY	\$ 25.00	\$ 48,750.00	\$ 16.10	\$ 31,395.00	\$ 13.50	\$ 26,325.00	\$ 19.90	\$ 38,805.00
53	108.9	Hot bituminous pavement (Grading SX, 75 gyration, PG64-22) (3" overlay lift)	2,400.	SY	\$ 15.00	\$ 36,000.00	\$ 9.80	\$ 23,520.00	\$ 13.50	\$ 32,400.00	\$ 10.20	\$ 24,480.00
54	202	Abandon existing water valve	23.	EA	\$ 50.00	\$ 1,150.00	\$ 20.00	\$ 460.00	\$ 40.00	\$ 920.00	\$ 58.00	\$ 1,334.00
55	202	Removal of asphalt (full depth)	3,000.	SY	\$ 3.00	\$ 9,000.00	\$ 2.00	\$ 6,000.00	\$ 2.00	\$ 6,000.00	\$ 2.50	\$ 7,500.00
56	202	Removal of existing bush	3.	EA	\$ 100.00	\$ 300.00	\$ 20.00	\$ 60.00	\$ 50.00	\$ 150.00	\$ 30.00	\$ 90.00
57	202	Removal of existing fire hydrant	4.	EA	\$ 250.00	\$ 1,000.00	\$ 320.00	\$ 1,280.00	\$ 100.00	\$ 400.00	\$ 200.00	\$ 800.00
58	202	Removal of existing meter pit	1.	EA	\$ 250.00	\$ 250.00	\$ 90.00	\$ 90.00	\$ 120.00	\$ 120.00	\$ 170.00	\$ 170.00
59	202	Removal of existing pipe	250.	LF	\$ 2.00	\$ 500.00	\$ 3.50	\$ 875.00	\$ 2.00	\$ 500.00	\$ 5.00	\$ 1,250.00
60	202	Removal of existing underlying concrete	30.	SY	\$ 5.00	\$ 150.00	\$ 22.00	\$ 660.00	\$ 100.00	\$ 3,000.00	\$ 39.00	\$ 1,170.00
61	202	Removal of existing water valve	18.	EA	\$ 100.00	\$ 1,800.00	\$ 100.00	\$ 1,800.00	\$ 100.00	\$ 1,800.00	\$ 134.00	\$ 2,412.00
62	202	Removal of asphalt mat (planing) 2" depth	190.	SY	\$ 4.50	\$ 855.00	\$ 21.00	\$ 3,990.00	\$ 13.00	\$ 2,470.00	\$ 21.70	\$ 4,123.00

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					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
63	202	Removal of asphalt mat (planing) 2½" depth	60.	SY	\$ 5.00	\$ 300.00	\$ 27.00	\$ 1,620.00	\$ 13.00	\$ 780.00	\$ 27.50	\$ 1,650.00
64	202	Removal of asphalt mat (planing) 3" depth	440.	SY	\$ 5.50	\$ 2,420.00	\$ 22.00	\$ 9,680.00	\$ 14.00	\$ 6,160.00	\$ 22.10	\$ 9,724.00
65	203	Disposal of radioactive material	100.	CY	\$ 10.00	\$ 1,000.00	\$ 8.50	\$ 850.00	\$ 18.00	\$ 1,800.00	\$ 7.00	\$ 700.00
66	208	Storm drain inlet / flowline protection	20.	EA	\$ 200.00	\$ 4,000.00	\$ 150.00	\$ 3,000.00	\$ 300.00	\$ 6,000.00	\$ 120.00	\$ 2,400.00
67	210	Reset concrete curb and gutter	15.	SF	\$ 8.00	\$ 120.00	\$ 33.00	\$ 495.00	\$ 10.00	\$ 150.00	\$ 16.80	\$ 252.00
68	210	Reset concrete curb, gutter, and sidewalk	180.	SF	\$ 5.00	\$ 900.00	\$ 6.00	\$ 1,080.00	\$ 10.00	\$ 1,800.00	\$ 8.80	\$ 1,584.00
69	210	Reset concrete v-pan	320.	SF	\$ 6.00	\$ 1,920.00	\$ 6.00	\$ 1,920.00	\$ 7.00	\$ 2,240.00	\$ 8.00	\$ 2,560.00
70	210	Reset fence	10.	LF	\$ 10.00	\$ 100.00	\$ 22.00	\$ 220.00	\$ 50.00	\$ 500.00	\$ 10.00	\$ 100.00
71	210	Reset irrigation controls and piping, planter and landscaping (1105 North First Street)	1.	LS	\$ 200.00	\$ 200.00	\$ 500.00	\$ 500.00	\$ 3,000.00	\$ 3,000.00	\$ 880.00	\$ 880.00
72	212	Sod	80.	SF	\$ 2.00	\$ 160.00	\$ 4.00	\$ 320.00	\$ 10.00	\$ 800.00	\$ 2.60	\$ 208.00
73	212	Seeding (native)	0.1	AC	\$ 5,000.00	\$ 500.00	\$ 7,280.00	\$ 728.00	\$ 10,000.00	\$ 1,000.00	\$ 4,950.00	\$ 495.00
74	213	Mulch	0.1	AC	\$ 2,000.00	\$ 200.00	\$ 5,200.00	\$ 520.00	\$ 10,000.00	\$ 1,000.00	\$ 2,200.00	\$ 220.00
75	304	Aggregate base course (Class 6) (4" thick)	30.	SY	\$ 6.00	\$ 180.00	\$ 12.00	\$ 360.00	\$ 3.00	\$ 90.00	\$ 6.00	\$ 180.00
76	411	Emulsified asphalt (tack coat)	350.	Gal	\$ 3.00	\$ 1,050.00	\$ 2.08	\$ 728.00	\$ 9.00	\$ 3,150.00	\$ 2.20	\$ 770.00
77	625	Construction surveying	1.	LS	\$ 2,000.00	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	\$ 1,341.00	\$ 1,341.00
78	626	Mobilization	1.	LS	\$ 2,500.00	\$ 2,500.00	\$ 7,600.00	\$ 7,600.00	\$ 32,000.00	\$ 32,000.00	\$ 12,600.00	\$ 12,600.00
79	629	Survey monument (complete in place)	2.	EA	\$ 400.00	\$ 800.00	\$ 220.00	\$ 440.00	\$ 1,000.00	\$ 2,000.00	\$ 1,275.00	\$ 2,550.00

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**2005 Waterline Replacements, Phase 1**

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Item No.	CDOT, City Ref.	Description	Quantity	Units	<u>Engineer's Estimate</u>		<u>M.A. Concrete Construction, Inc.</u>		<u>Continental Pipeline Constr. , Inc.</u>		<u>Skyline Contracting, Inc.</u>	
					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
80	630	Traffic control (complete in place)	1.	LS	\$ 20,000.00	\$ 20,000.00	\$ 14,000.00	\$ 14,000.00	\$ 21,000.00	\$ 21,000.00	\$ 13,200.00	\$ 13,200.00
81	630	Flagging	80.	HR	\$ 22.00	\$ 1,760.00	\$ 24.00	\$ 1,920.00	\$ 25.00	\$ 2,000.00	\$ 22.00	\$ 1,760.00
82	630	Traffic control plan	1.	LS	\$ 250.00	\$ 250.00	\$ 208.00	\$ 208.00	\$ 200.00	\$ 200.00	\$ 220.00	\$ 220.00
83	SC-11	Newsletters	10.	Sets	\$ 120.00	\$ 1,200.00	\$ 26.00	\$ 260.00	\$ 200.00	\$ 2,000.00	\$ 80.00	\$ 800.00
FA		Force Account (minor contract revisions)	---	---	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
TOTAL BID:						\$ 474,915.00		\$ 447,357.00		\$ 475,895.50 [2]		\$ 497,340.00

[1] - corrected extension

[2] - corrected total

**Bid Summary**

**2005 Waterline Replacements, Phase 1**

Bid Opening: May 3, 2005

By: T. Kent Harbert, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	<u>Mountain Valley Contracting</u>		<u>Sorter Construction, Inc.</u>		Low Unit Price	High Unit Price	Median Unit Price	Average Unit Price
					Unit Price	Extended Price	Unit Price	Extended Price				
1	108.2	Water main (4") (C-900 PVC)	10.	LF	\$ 49.30	\$ 493.00	\$ 82.00	\$ 820.00	\$ 49.30	\$ 110.00	\$ 50.00	\$ 68.26
2	108.2	Water main (6") (C-900 PVC)	600.	LF	\$ 41.75	\$ 25,050.00	\$ 36.00	\$ 21,600.00	\$ 21.60	\$ 41.75	\$ 35.00	\$ 32.63
3	108.2	Water main (6") (C-900 PVC) (flow-fill backfill)	20.	LF	\$ 82.50	\$ 1,650.00	\$ 100.00	\$ 2,000.00	\$ 40.00	\$ 100.00	\$ 91.00	\$ 82.50
4	108.2	Water main (6") (C-900 PVC) (bore or jack)	10.	LF	\$ 38.00	\$ 380.00	\$ 125.00	\$ 1,250.00	\$ 38.00	\$ 140.00	\$ 60.00	\$ 81.40
5	108.2	Water main (8") (C-900 PVC)	2,950.	LF	\$ 33.10	\$ 97,645.00	\$ 30.00	\$ 88,500.00	\$ 20.00	\$ 33.10	\$ 26.00	\$ 25.97
6	108.2	Water main (8") (C-900 PVC) (flow-fill backfill)	50.	LF	\$ 91.55	\$ 4,577.50	\$ 120.00	\$ 6,000.00	\$ 40.00	\$ 120.00	\$ 85.00	\$ 80.31
7	108.2	Water main (12") (C-900 PVC)	2,600.	LF	\$ 42.30	\$ 109,980.00	\$ 38.00	\$ 98,800.00	\$ 29.00	\$ 42.30	\$ 33.10	\$ 35.06
8	108.2	Water main (12") (C-900 PVC) (flow-fill backfill)	80.	LF	\$ 106.50	\$ 8,520.00	\$ 150.00	\$ 12,000.00	\$ 65.00	\$ 150.00	\$ 90.00	\$ 97.70
9	108.2	Water main (12") (C-900 PVC) (bore or jack)	25.	LF	\$ 25.00	\$ 625.00	\$ 135.00	\$ 3,375.00	\$ 25.00	\$ 144.00	\$ 100.00	\$ 90.80
10	108.2	Water main (14") (C-905 PVC)	20.	LF	\$ 68.60	\$ 1,372.00	\$ 103.00	\$ 2,060.00	\$ 68.60	\$ 150.00	\$ 103.00	\$ 109.32
11	108.2	Imported trench backfill (Class 3 aggregate base course) (including haul and disposal of unsuitable excavated material)	200.	Ton	\$ 10.00	\$ 2,000.00	\$ 10.00	\$ 2,000.00	\$ 8.50	\$ 14.00	\$ 10.00	\$ 10.56
12	108.3	Gate valve (6" )	22.	EA	\$ 654.00	\$ 14,388.00	\$ 850.00	\$ 18,700.00	\$ 620.00	\$ 850.00	\$ 654.00	\$ 688.80
13	108.3	Gate valve (8" )	6.	EA	\$ 925.00	\$ 5,550.00	\$ 1,300.00	\$ 7,800.00	\$ 920.00	\$ 1,300.00	\$ 925.00	\$ 1,020.00
14	108.3	Gate valve (12" )	8.	EA	\$ 1,655.00	\$ 13,240.00	\$ 2,200.00	\$ 17,600.00	\$ 1,600.00	\$ 2,200.00	\$ 1,655.00	\$ 1,746.00
15	108.3	Tee (6" x 6")	2.	EA	\$ 400.00	\$ 800.00	\$ 400.00	\$ 800.00	\$ 300.00	\$ 400.00	\$ 320.00	\$ 348.00
16	108.3	Tee (8" x 6")	6.	EA	\$ 430.40	\$ 2,582.40	\$ 460.00	\$ 2,760.00	\$ 360.00	\$ 460.00	\$ 370.00	\$ 398.08

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Item No.	CDOT, City Ref.	Description	Quantity	Units	<u>Mountain Valley Contracting</u>		<u>Sorter Construction, Inc.</u>		Low Unit Price	High Unit Price	Median Unit Price	Average Unit Price
					Unit Price	Extended Price	Unit Price	Extended Price				
17	108.3	Tee (8" x 8")	1.	EA	\$ 610.00	\$ 610.00	\$ 640.00	\$ 640.00	\$ 390.00	\$ 640.00	\$ 400.00	\$ 488.00
18	108.3	Tee (12" x 6")	11.	EA	\$ 635.00	\$ 6,985.00	\$ 835.00	\$ 9,185.00	\$ 570.00	\$ 835.00	\$ 635.00	\$ 660.00
19	108.3	Tee (12" x 8")	2.	EA	\$ 700.00	\$ 1,400.00	\$ 870.00	\$ 1,740.00	\$ 580.00	\$ 870.00	\$ 662.00	\$ 690.40
20	108.3	Tee (12" x 12")	2.	EA	\$ 795.00	\$ 1,590.00	\$ 985.00	\$ 1,970.00	\$ 660.00	\$ 985.00	\$ 760.00	\$ 789.40
21	108.3	Cross (8" x 6")	1.	EA	\$ 500.00	\$ 500.00	\$ 715.00	\$ 715.00	\$ 500.00	\$ 715.00	\$ 620.00	\$ 609.00
22	108.3	Cross (12" x 12")	1.	EA	\$ 885.00	\$ 885.00	\$ 1,005.00	\$ 1,005.00	\$ 730.00	\$ 1,005.00	\$ 800.00	\$ 834.00
23	108.3	Elbow (6" x 45°)	13.	EA	\$ 265.00	\$ 3,445.00	\$ 300.00	\$ 3,900.00	\$ 200.00	\$ 430.00	\$ 265.00	\$ 283.60
24	108.3	Elbow (8" x 45°)	7.	EA	\$ 340.00	\$ 2,380.00	\$ 395.00	\$ 2,765.00	\$ 225.00	\$ 480.00	\$ 340.00	\$ 343.20
25	108.3	Elbow (8" x 90°)	1.	EA	\$ 510.00	\$ 510.00	\$ 530.00	\$ 530.00	\$ 225.00	\$ 530.00	\$ 490.00	\$ 406.60
26	108.3	Elbow (12" x 45°)	4.	EA	\$ 530.00	\$ 2,120.00	\$ 660.00	\$ 2,640.00	\$ 450.00	\$ 660.00	\$ 530.00	\$ 548.00
27	108.3	Elbow (12" x 90°)	1.	EA	\$ 695.00	\$ 695.00	\$ 770.00	\$ 770.00	\$ 450.00	\$ 770.00	\$ 670.00	\$ 625.00
28	108.3	Reducer (6" x 4")	1.	EA	\$ 225.00	\$ 225.00	\$ 290.00	\$ 290.00	\$ 200.00	\$ 290.00	\$ 225.00	\$ 229.80
29	108.3	Reducer (8" x 6")	1.	EA	\$ 275.00	\$ 275.00	\$ 485.00	\$ 485.00	\$ 200.00	\$ 485.00	\$ 270.00	\$ 293.80
30	108.3	Reducer (12" x 6")	1.	EA	\$ 360.00	\$ 360.00	\$ 595.00	\$ 595.00	\$ 300.00	\$ 595.00	\$ 360.00	\$ 393.00
31	108.3	Reducer (12" x 8")	3.	EA	\$ 390.00	\$ 1,170.00	\$ 615.00	\$ 1,845.00	\$ 375.00	\$ 615.00	\$ 390.00	\$ 438.80
32	108.3	Reducer (14" x 12")	1.	EA	\$ 585.00	\$ 585.00	\$ 870.00	\$ 870.00	\$ 520.00	\$ 870.00	\$ 585.00	\$ 645.00
33	108.3	Fire hydrant	4.	EA	\$ 2,550.00	\$ 10,200.00	\$ 3,265.00	\$ 13,060.00	\$ 2,300.00	\$ 3,350.00	\$ 2,888.00	\$ 2,870.60
34	108.4	Water service line (3/4") (Type K copper)	470.	LF	\$ 29.00	\$ 13,630.00	\$ 26.00	\$ 12,220.00	\$ 11.00	\$ 30.00	\$ 26.00	\$ 23.40
35	108.4	Water service line (1") (Type K copper)	80.	LF	\$ 17.25	\$ 1,380.00	\$ 30.00	\$ 2,400.00	\$ 12.00	\$ 30.00	\$ 17.25	\$ 21.05

**Bid Summary**

**2005 Waterline Replacements, Phase 1**

Bid Opening: May 3, 2005

By: T. Kent Harbert, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	<u>Mountain Valley Contracting</u>		<u>Sorter Construction, Inc.</u>		Low Unit Price	High Unit Price	Median Unit Price	Average Unit Price
					Unit Price	Extended Price	Unit Price	Extended Price				
36	108.4	Water service line (1½") (Type K copper)	160.	LF	\$ 15.75	\$ 2,520.00	\$ 32.00	\$ 5,120.00	\$ 15.00	\$ 32.00	\$ 18.00	\$ 22.55
37	108.4	Tapping saddle (8" x 3/4")	24.	EA	\$ 125.00	\$ 3,000.00	\$ 115.00	\$ 2,760.00	\$ 80.00	\$ 125.00	\$ 115.00	\$ 108.00
38	108.4	Tapping saddle (8" x 1")	1.	EA	\$ 125.00	\$ 125.00	\$ 120.00	\$ 120.00	\$ 80.00	\$ 140.00	\$ 120.00	\$ 113.00
39	108.4	Tapping saddle (8" x 1½")	2.	EA	\$ 140.00	\$ 280.00	\$ 135.00	\$ 270.00	\$ 95.00	\$ 175.00	\$ 140.00	\$ 137.00
40	108.4	Tapping saddle (12" x 3/4")	10.	EA	\$ 168.00	\$ 1,680.00	\$ 170.00	\$ 1,700.00	\$ 120.00	\$ 220.00	\$ 168.00	\$ 165.60
41	108.4	Corporation stop (3/4")	34.	EA	\$ 47.00	\$ 1,598.00	\$ 40.00	\$ 1,360.00	\$ 25.00	\$ 55.00	\$ 40.00	\$ 40.20
42	108.4	Corporation stop (1")	1.	EA	\$ 52.00	\$ 52.00	\$ 60.00	\$ 60.00	\$ 30.00	\$ 75.00	\$ 52.00	\$ 51.20
43	108.4	Corporation stop (1½")	2.	EA	\$ 80.00	\$ 160.00	\$ 78.00	\$ 156.00	\$ 60.00	\$ 110.00	\$ 78.00	\$ 78.40
44	108.4	Meter setter and meter pit (install only)	2.	EA	\$ 245.00	\$ 490.00	\$ 450.00	\$ 900.00	\$ 150.00	\$ 450.00	\$ 245.00	\$ 249.00
45	108.7	Granular stabilization material (Type B)	200.	Ton	\$ 12.00	\$ 2,400.00	\$ 15.00	\$ 3,000.00	\$ 12.00	\$ 18.70	\$ 14.00	\$ 14.34
46	108.9	Hot bituminous pavement (2" thick) (temporary patch)	200.	SY	\$ 10.52	\$ 2,104.00	\$ 16.00	\$ 3,200.00	\$ 10.52	\$ 23.90	\$ 16.00	\$ 16.73
47	108.9	Hot bituminous pavement (Grading SX, 75 gyration, PG64-22) (3" thick) including aggregate base course (Class 6) (6" thick)	190.	SY	\$ 11.90	\$ 2,261.00	\$ 20.00	\$ 3,800.00	\$ 11.90	\$ 31.90	\$ 20.00	\$ 21.96
48	108.9	Hot bituminous pavement (Grading SX, 75 gyration, PG64-22) (2" bottom lift) including aggregate base course (Class 6) (6" thick)	710.	SY	\$ 7.60	\$ 5,396.00	\$ 15.00	\$ 10,650.00	\$ 7.60	\$ 18.20	\$ 15.00	\$ 13.92
49	108.9	Hot bituminous pavement (Grading SX, 75 gyration, PG64-22) (2" overlay lift)	900.	SY	\$ 7.60	\$ 6,840.00	\$ 8.00	\$ 7,200.00	\$ 7.60	\$ 10.00	\$ 9.30	\$ 8.92

**Bid Summary**

**2005 Waterline Replacements, Phase 1**

Bid Opening: May 3, 2005

By: T. Kent Harbert, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	<u>Mountain Valley Contracting</u>		<u>Sorter Construction, Inc.</u>		Low	High	Median	Average
					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Unit Price	Unit Price	Unit Price
50	108.9	Hot bituminous pavement (Grading SX, 75 gyration, PG64-22) (2½" bottom lift) including aggregate base course (Class 6) (6" thick)	180.	SY	\$ 11.35	\$ 2,043.00	\$ 20.00	\$ 3,600.00	\$ 11.35	\$ 23.00	\$ 19.80	\$ 17.53
51	108.9	Hot bituminous pavement (Grading SX, 75 gyration, PG64-22) (2½" overlay lift)	240.	SY	\$ 11.35	\$ 2,724.00	\$ 12.00	\$ 2,880.00	\$ 11.35	\$ 14.90	\$ 13.50	\$ 13.25
52	108.9	Hot bituminous pavement (Grading SX, 75 gyration, PG64-22) (3" bottom lift) including aggregate base course (Class 6) (6" thick)	1,950.	SY	\$ 9.20	\$ 17,940.00	\$ 17.00	\$ 33,150.00	\$ 9.20	\$ 19.90	\$ 16.10	\$ 15.14
53	108.9	Hot bituminous pavement (Grading SX, 75 gyration, PG64-22) (3" overlay lift)	2,400.	SY	\$ 9.20	\$ 22,080.00	\$ 10.00	\$ 24,000.00	\$ 9.20	\$ 13.50	\$ 10.00	\$ 10.54
54	202	Abandon existing water valve	23.	EA	\$ 336.00	\$ 7,728.00	\$ 70.00	\$ 1,610.00	\$ 20.00	\$ 336.00	\$ 58.00	\$ 104.80
55	202	Removal of asphalt (full depth)	3,000.	SY	\$ 1.60	\$ 4,800.00	\$ 2.00	\$ 6,000.00	\$ 1.60	\$ 2.50	\$ 2.00	\$ 2.02
56	202	Removal of existing bush	3.	EA	\$ 245.00	\$ 735.00	\$ 75.00	\$ 225.00	\$ 20.00	\$ 245.00	\$ 50.00	\$ 84.00
57	202	Removal of existing fire hydrant	4.	EA	\$ 325.00	\$ 1,300.00	\$ 695.00	\$ 2,780.00	\$ 100.00	\$ 695.00	\$ 320.00	\$ 328.00
58	202	Removal of existing meter pit	1.	EA	\$ 365.00	\$ 365.00	\$ 285.00	\$ 285.00	\$ 90.00	\$ 365.00	\$ 170.00	\$ 206.00
59	202	Removal of existing pipe	250.	LF	\$ 8.00	\$ 2,000.00	\$ 5.00	\$ 1,250.00	\$ 2.00	\$ 8.00	\$ 5.00	\$ 4.70
60	202	Removal of existing underlying concrete	30.	SY	\$ 23.50	\$ 705.00	\$ 10.00	\$ 300.00	\$ 10.00	\$ 100.00	\$ 23.50	\$ 38.90
61	202	Removal of existing water valve	18.	EA	\$ 500.00	\$ 9,000.00	\$ 285.00	\$ 5,130.00	\$ 100.00	\$ 500.00	\$ 134.00	\$ 223.80
62	202	Removal of asphalt mat (planing) 2" depth	190.	SY	\$ 21.30	\$ 4,047.00	\$ 3.00	\$ 570.00	\$ 3.00	\$ 21.70	\$ 21.00	\$ 16.00

**Bid Summary**

**2005 Waterline Replacements, Phase 1**

Bid Opening: May 3, 2005

By: T. Kent Harbert, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	<u>Mountain Valley Contracting</u>		<u>Sorter Construction, Inc.</u>		Low Unit Price	High Unit Price	Median Unit Price	Average Unit Price
					Unit Price	Extended Price	Unit Price	Extended Price				
63	202	Removal of asphalt mat (planing) 2½" depth	60.	SY	\$ 27.00	\$ 1,620.00	\$ 5.00	\$ 300.00	\$ 5.00	\$ 27.50	\$ 27.00	\$ 19.90
64	202	Removal of asphalt mat (planing) 3" depth	440.	SY	\$ 21.70	\$ 9,548.00	\$ 3.00	\$ 1,320.00	\$ 3.00	\$ 22.10	\$ 21.70	\$ 16.56
65	203	Disposal of radioactive material	100.	CY	\$ 15.00	\$ 1,500.00	\$ 25.00	\$ 2,500.00	\$ 7.00	\$ 25.00	\$ 15.00	\$ 14.70
66	208	Storm drain inlet / flowline protection	20.	EA	\$ 90.00	\$ 1,800.00	\$ 260.00	\$ 5,200.00	\$ 90.00	\$ 300.00	\$ 150.00	\$ 184.00
67	210	Reset concrete curb and gutter	15.	SF	\$ 9.95	\$ 149.25	\$ 12.00	\$ 180.00	\$ 9.95	\$ 33.00	\$ 12.00	\$ 16.35
68	210	Reset concrete curb, gutter, and sidewalk	180.	SF	\$ 5.00	\$ 900.00	\$ 6.00	\$ 1,080.00	\$ 5.00	\$ 10.00	\$ 6.00	\$ 7.16
69	210	Reset concrete v-pan	320.	SF	\$ 5.00	\$ 1,600.00	\$ 6.00	\$ 1,920.00	\$ 5.00	\$ 8.00	\$ 6.00	\$ 6.40
70	210	Reset fence	10.	LF	\$ 22.25	\$ 222.50	\$ 30.00	\$ 300.00	\$ 10.00	\$ 50.00	\$ 22.25	\$ 26.85
71	210	Reset irrigation controls and piping, planter and landscaping (1105 North First Street)	1.	LS	\$ 300.00	\$ 300.00	\$ 1,550.00	\$ 1,550.00	\$ 300.00	\$ 3,000.00	\$ 880.00	\$ 1,246.00
72	212	Sod	80.	SF	\$ 5.00	\$ 400.00	\$ 5.00	\$ 400.00	\$ 2.60	\$ 10.00	\$ 5.00	\$ 5.32
73	212	Seeding (native)	0.1	AC	\$ 3,400.00	\$ 340.00	\$ 1,500.00	\$ 150.00	\$ 1,500.00	\$ 10,000.00	\$ 4,950.00	\$ 5,426.00
74	213	Mulch	0.1	AC	\$ 3,400.00	\$ 340.00	\$ 1,500.00	\$ 150.00	\$ 1,500.00	\$ 10,000.00	\$ 3,400.00	\$ 4,460.00
75	304	Aggregate base course (Class 6) (4" thick)	30.	SY	\$ 2.70	\$ 81.00	\$ 8.00	\$ 240.00	\$ 2.70	\$ 12.00	\$ 6.00	\$ 6.34
76	411	Emulsified asphalt (tack coat)	350.	Gal	\$ 7.50	\$ 2,625.00	\$ 8.00	\$ 2,800.00	\$ 2.08	\$ 9.00	\$ 7.50	\$ 5.76
77	625	Construction surveying	1.	LS	\$ 1,295.00	\$ 1,295.00	\$ 1,500.00	\$ 1,500.00	\$ 1,295.00	\$ 3,000.00	\$ 1,500.00	\$ 1,727.20
78	626	Mobilization	1.	LS	\$ 3,540.00	\$ 3,540.00	\$ 40,500.00	\$ 40,500.00	\$ 3,540.00	\$ 40,500.00	\$ 12,600.00	\$ 19,248.00
79	629	Survey monument (complete in place)	2.	EA	\$ 626.00	\$ 1,252.00	\$ 765.00	\$ 1,530.00	\$ 220.00	\$ 1,275.00	\$ 765.00	\$ 777.20

**Bid Summary**  
**2005 Waterline Replacements, Phase 1**

Bid Opening: May 3, 2005

By: T. Kent Harbert, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	<u>Mountain Valley Contracting</u>		<u>Sorter Construction, Inc.</u>		Low Unit Price	High Unit Price	Median Unit Price	Average Unit Price
					Unit Price	Extended Price	Unit Price	Extended Price				
80	630	Traffic control (complete in place)	1.	LS	\$ 12,950.00	\$ 12,950.00	\$ 15,840.00	\$ 15,840.00	\$ 12,950.00	\$ 21,000.00	\$ 14,000.00	\$ 15,398.00
81	630	Flagging	80.	HR	\$ 21.60	\$ 1,728.00	\$ 22.00	\$ 1,760.00	\$ 21.60	\$ 25.00	\$ 22.00	\$ 22.92
82	630	Traffic control plan	1.	LS	\$ 225.00	\$ 225.00	\$ 225.00	\$ 225.00	\$ 200.00	\$ 225.00	\$ 220.00	\$ 215.60
83	SC-11	Newsletters	10.	Sets	\$ 145.00	\$ 1,450.00	\$ 150.00	\$ 1,500.00	\$ 26.00	\$ 200.00	\$ 145.00	\$ 120.20
FA		Force Account (minor contract revisions)	---	---	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
TOTAL BID:						\$ 506,036.65		\$ 566,711.00				

[1] - corrected extension

[2] - corrected total