

CITY OF CUYAHOGA FALLS  
GRAHAM RD. WATERLINE - BID DATE 6/25/13

ITEM NO.	SPEC. REF.	ITEM DESCRIPTION	UNIT MEASURE	ESTIMATED QUANTITY	ENGINEERS ESTIMATE		KENMORE CONSTRUCTION**		M. CAMPBELL CONTRACTING LLC		FIORITTO CONSTRUCTION		KARVO PAVING CO.	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	202	EXISTING PAVEMENT REMOVED	S.Y.	3840	\$ 11.00	\$ 42,240.00	\$ 9.00	\$ 34,560.00	\$ 4.68	\$ 17,971.20	\$ 4.45	\$ 17,088.00	\$ 13.50	\$ 51,840.00
2	301	ASPHALT CONCRETE BASE	TON	2440	\$ 115.00	\$ 280,600.00	\$ 75.00	\$ 183,000.00	\$ 80.00	\$ 195,200.00	\$ 75.00	\$ 183,000.00	\$ 59.00	\$ 143,960.00
3	452	CLASS MS CONCRETE WITH HOOK BOLTS	S.Y.	215	\$ 75.00	\$ 16,125.00	\$ 70.00	\$ 15,050.00	\$ 65.00	\$ 13,975.00	\$ 74.00	\$ 15,910.00	\$ 70.00	\$ 15,050.00
4	503	EXCAVATION PIT FOR WATER SERVICES	EA.	60	\$ 400.00	\$ 24,000.00	\$ 300.00	\$ 18,000.00	\$ 667.00	\$ 40,020.00	\$ 530.00	\$ 31,800.00	\$ 1,025.00	\$ 61,500.00
5	608	4" SIDEWALK REMOVAL AND REPLACEMENT	S.F.	1350	\$ 6.00	\$ 8,100.00	\$ 6.00	\$ 8,100.00	\$ 9.00	\$ 12,150.00	\$ 3.00	\$ 4,050.00	\$ 4.20	\$ 5,670.00
6	609	CONCRETE CURB REMOVAL AND REPLACEMENT	L.F.	350	\$ 26.00	\$ 9,100.00	\$ 16.00	\$ 5,600.00	\$ 32.00	\$ 11,200.00	\$ 4.00	\$ 1,400.00	\$ 15.00	\$ 5,250.00
7	614	TRAFFIC CONTROL	LUMP	1	\$ 70,000.00	\$ 70,000.00	\$ 50,000.00	\$ 50,000.00	\$ 30,500.00	\$ 30,500.00	\$ 77,143.00	\$ 77,143.00	\$ 70,000.00	\$ 70,000.00
8	614	TEMPORARY PAVEMENT	C.Y.	154	\$ 75.00	\$ 11,550.00	\$ 130.00	\$ 20,020.00	\$ 100.00	\$ 15,400.00	\$ 10.00	\$ 1,540.00	\$ 140.00	\$ 21,560.00
9	624	MOLBILIZATION	LUMP	1	\$ 20,000.00	\$ 20,000.00	\$ 5,000.00	\$ 5,000.00	\$ 50,000.00	\$ 50,000.00	\$ 35,000.00	\$ 35,000.00	\$ 20,000.00	\$ 20,000.00
10	632	TRAFFIC DETECTOR LOOPS	EA.	10	\$ 1,000.00	\$ 10,000.00	\$ 1,000.00	\$ 10,000.00	\$ 1,000.00	\$ 10,000.00	\$ 1,225.00	\$ 12,250.00	\$ 1,000.00	\$ 10,000.00
11	653	TOPSOIL FURNISHED & PLACED	C.Y.	30	\$ 50.00	\$ 1,500.00	\$ 40.00	\$ 1,200.00	\$ 80.00	\$ 2,400.00	\$ 25.00	\$ 750.00	\$ 36.00	\$ 1,080.00
12	659	SEEDING & MULCHING	S.Y.	362	\$ 4.00	\$ 1,448.00	\$ 3.00	\$ 1,086.00	\$ 6.50	\$ 2,353.00	\$ 1.00	\$ 362.00	\$ 3.00	\$ 1,086.00
13	801	16" CEMENT LINED CLASS 53 D.I.W.M.	L.F.	5875	\$ 165.00	\$ 969,375.00	\$ 118.00	\$ 693,250.00	\$ 128.65	\$ 755,818.75	\$ 153.00	\$ 898,875.00	\$ 143.00	\$ 840,125.00
14	801	12" CEMENT LINED CLASS 53 D.I.W.M.	L.F.	75	\$ 125.00	\$ 9,375.00	\$ 150.00	\$ 11,250.00	\$ 277.50	\$ 20,812.50	\$ 132.00	\$ 9,900.00	\$ 400.00	\$ 30,000.00
15	804	8" CEMENT LINED CLASS 53 D.I.W.M.	L.F.	150	\$ 86.00	\$ 12,900.00	\$ 98.00	\$ 14,700.00	\$ 257.50	\$ 38,625.00	\$ 125.00	\$ 18,750.00	\$ 285.00	\$ 42,750.00
16	801	6" CEMENT LINED CLASS 53 D.I.W.M.	L.F.	125	\$ 70.00	\$ 8,750.00	\$ 90.00	\$ 11,250.00	\$ 253.50	\$ 31,687.50	\$ 118.00	\$ 14,750.00	\$ 185.00	\$ 23,125.00
17	804	16" 45 DEG. BEND	EA.	6	\$ 1,600.00	\$ 9,600.00	\$ 1,400.00	\$ 8,400.00	\$ 1,650.00	\$ 9,900.00	\$ 1,060.00	\$ 6,360.00	\$ 1,100.00	\$ 6,600.00
18	804	12" 11.25 DEG. BEND	EA.	2	\$ 925.00	\$ 1,850.00	\$ 1,000.00	\$ 2,000.00	\$ 700.00	\$ 1,400.00	\$ 475.00	\$ 950.00	\$ 475.00	\$ 950.00
19	804	8" 45 DEG. BEND	EA.	5	\$ 500.00	\$ 2,500.00	\$ 300.00	\$ 1,500.00	\$ 398.00	\$ 1,990.00	\$ 257.00	\$ 1,285.00	\$ 270.00	\$ 1,350.00
20	804	6" 45 DEG. BEND	EA.	12	\$ 450.00	\$ 5,400.00	\$ 250.00	\$ 3,000.00	\$ 313.00	\$ 3,756.00	\$ 200.00	\$ 2,400.00	\$ 215.00	\$ 2,580.00
21	804	12" x 8" REDUCER	EA.	1	\$ 700.00	\$ 700.00	\$ 425.00	\$ 425.00	\$ 480.00	\$ 480.00	\$ 380.00	\$ 380.00	\$ 400.00	\$ 400.00
22	804	12" x 6" REDUCER	EA.	2	\$ 700.00	\$ 1,400.00	\$ 400.00	\$ 800.00	\$ 460.00	\$ 920.00	\$ 366.00	\$ 732.00	\$ 370.00	\$ 740.00
23	804	8" x 6" REDUCER	EA.	6	\$ 475.00	\$ 2,850.00	\$ 300.00	\$ 1,800.00	\$ 300.00	\$ 1,800.00	\$ 224.00	\$ 1,344.00	\$ 225.00	\$ 1,350.00
24	804	16" x 16" TEE	EA.	1	\$ 2,200.00	\$ 2,200.00	\$ 2,200.00	\$ 2,200.00	\$ 2,190.00	\$ 2,190.00	\$ 1,930.00	\$ 1,930.00	\$ 2,000.00	\$ 2,000.00
25	804	16" x 12" TEE	EA.	5	\$ 2,000.00	\$ 10,000.00	\$ 1,800.00	\$ 9,000.00	\$ 1,753.00	\$ 8,765.00	\$ 1,550.00	\$ 7,750.00	\$ 1,600.00	\$ 8,000.00
26	804	16" x 8" TEE	EA.	7	\$ 1,900.00	\$ 13,300.00	\$ 1,500.00	\$ 10,500.00	\$ 1,535.00	\$ 10,745.00	\$ 1,338.00	\$ 9,366.00	\$ 1,375.00	\$ 9,625.00
27	804	16" x 6" TEE	EA.	9	\$ 1,900.00	\$ 17,100.00	\$ 1,400.00	\$ 12,600.00	\$ 1,426.00	\$ 12,834.00	\$ 1,238.00	\$ 11,142.00	\$ 1,250.00	\$ 11,250.00
28	804	16" SLEEVE	EA.	1	\$ 1,600.00	\$ 1,600.00	\$ 2,000.00	\$ 2,000.00	\$ 1,247.00	\$ 1,247.00	\$ 1,020.00	\$ 1,020.00	\$ 1,015.00	\$ 1,015.00
29	804	12" SLEEVE	EA.	2	\$ 800.00	\$ 1,600.00	\$ 600.00	\$ 1,200.00	\$ 495.00	\$ 990.00	\$ 435.00	\$ 870.00	\$ 460.00	\$ 920.00
30	804	8" SLEEVE	EA.	2	\$ 500.00	\$ 1,000.00	\$ 300.00	\$ 600.00	\$ 352.00	\$ 704.00	\$ 260.00	\$ 520.00	\$ 360.00	\$ 720.00
31	804	6" CUT-IN SLEEVE	EA.	11	\$ 700.00	\$ 7,700.00	\$ 600.00	\$ 6,600.00	\$ 592.00	\$ 6,512.00	\$ 510.00	\$ 5,610.00	\$ 510.00	\$ 5,610.00
32	804	16" CAP	EA.	21	\$ 800.00	\$ 16,800.00	\$ 650.00	\$ 13,650.00	\$ 649.00	\$ 13,629.00	\$ 15.00	\$ 315.00	\$ 550.00	\$ 11,550.00
33	804	6" CAP	EA.	20	\$ 250.00	\$ 5,000.00	\$ 150.00	\$ 3,000.00	\$ 181.00	\$ 3,620.00	\$ 10.00	\$ 200.00	\$ 100.00	\$ 2,000.00
34	805	16" VALVE & BOX	EA.	11	\$ 7,200.00	\$ 79,200.00	\$ 6,000.00	\$ 66,000.00	\$ 6,025.00	\$ 66,275.00	\$ 5,650.00	\$ 62,150.00	\$ 5,700.00	\$ 62,700.00
35	805	12" VALVE & BOX	EA.	5	\$ 2,600.00	\$ 13,000.00	\$ 2,100.00	\$ 10,500.00	\$ 2,124.00	\$ 10,620.00	\$ 1,950.00	\$ 9,750.00	\$ 1,975.00	\$ 9,875.00
36	805	8" VALVE & BOX	EA.	7	\$ 1,400.00	\$ 9,800.00	\$ 1,300.00	\$ 9,100.00	\$ 1,309.00	\$ 9,163.00	\$ 1,134.00	\$ 7,938.00	\$ 1,150.00	\$ 8,050.00
37	805	6" VALVE & BOX	EA.	4	\$ 1,100.00	\$ 4,400.00	\$ 1,000.00	\$ 4,000.00	\$ 988.00	\$ 3,952.00	\$ 814.00	\$ 3,256.00	\$ 815.00	\$ 3,260.00
38	813	HYDRANT ASSEMBLY	EA.	5	\$ 3,500.00	\$ 17,500.00	\$ 3,500.00	\$ 17,500.00	\$ 5,362.00	\$ 26,810.00	\$ 6,460.00	\$ 32,300.00	\$ 3,450.00	\$ 17,250.00
39	815	WATER SERVICE - INSTALLATION	L.F.	700	\$ 25.00	\$ 17,500.00	\$ 50.00	\$ 35,000.00	\$ 46.00	\$ 32,200.00	\$ 30.00	\$ 21,000.00	\$ 33.00	\$ 23,100.00
40	817	CONCRETE DRIVE APPROACH	S.Y.	15	\$ 45.00	\$ 675.00	\$ 80.00	\$ 1,200.00	\$ 40.00	\$ 600.00	\$ 65.00	\$ 975.00	\$ 65.00	\$ 975.00
41	SPECIAL	AIR RELEASE ASSEMBLY AND MANHOLE	EA.	3	\$ 6,000.00	\$ 18,000.00	\$ 4,500.00	\$ 13,500.00	\$ 5,630.00	\$ 16,890.00	\$ 5,288.00	\$ 15,864.00	\$ 4,670.00	\$ 14,010.00
<b>ALTERNATE #1 DR18 C-905 PVC - OPEN CUT - PUSH JOINT OR FUSION</b>														
1	202	EXISTING PAVEMENT REMOVED	S.Y.	3840	\$ 11.00	\$ 42,240.00	\$ 9.00	\$ 34,560.00	\$ 4.68	\$ 17,971.20	\$ 4.45	\$ 17,088.00	\$ 13.50	\$ 51,840.00
2	301	ASPHALT CONCRETE BASE	TON	2440	\$ 115.00	\$ 280,600.00	\$ 75.00	\$ 183,000.00	\$ 80.00	\$ 195,200.00	\$ 75.00	\$ 183,000.00	\$ 59.00	\$ 143,960.00
3	452	CLASS MS CONCRETE WITH HOOK BOLTS	S.Y.	215	\$ 75.00	\$ 16,125.00	\$ 70.00	\$ 15,050.00	\$ 65.00	\$ 13,975.00	\$ 74.00	\$ 15,910.00	\$ 70.00	\$ 15,050.00
4	503	EXCAVATION PIT FOR WATER SERVICES	EA.	60	\$ 400.00	\$ 24,000.00	\$ 300.00	\$ 18,000.00	\$ 667.00	\$ 40,020.00	\$ 530.00	\$ 31,800.00	\$ 1,025.00	\$ 61,500.00
5	608	4" SIDEWALK REMOVAL AND REPLACEMENT	S.F.	1350	\$ 6.00	\$ 8,100.00	\$ 6.00	\$ 8,100.00	\$ 9.00	\$ 12,150.00	\$ 3.00	\$ 4,050.00	\$ 4.20	\$ 5,670.00
6	609	CONCRETE CURB REMOVAL AND REPLACEMENT	L.F.	350	\$ 26.00	\$ 9,100.00	\$ 16.00	\$ 5,600.00	\$ 32.00	\$ 11,200.00	\$ 4.00	\$ 1,400.00	\$ 15.00	\$ 5,250.00
7	614	TRAFFIC CONTROL	LUMP	1	\$ 70,000.00	\$ 70,000.00	\$ 50,000.00	\$ 50,000.00	\$ 30,500.00	\$ 30,500.00	\$ 72,970.00	\$ 72,970.00	\$ 70,000.00	\$ 70,000.00
8	614	TEMPORARY PAVEMENT	C.Y.	154	\$ 75.00	\$ 11,550.00	\$ 130.00	\$ 20,020.00	\$ 100.00	\$ 15,400.00	\$ 10.00	\$ 1,540.00	\$ 140.00	\$ 21,560.00
9	624	MOLBILIZATION	LUMP	1	\$ 20,000.00	\$ 20,000.00	\$ 5,000.00	\$ 5,000.00	\$ 50,000.00	\$ 50,000.00	\$ 35,000.00	\$ 35,000.00	\$ 20,000.00	\$ 20,000.00
10	632	TRAFFIC DETECTOR LOOPS	EA.	10	\$ 1,000.00	\$ 10,000.00	\$ 1,000.00	\$ 10,000.00	\$ 1,000.00	\$ 10,000.00	\$ 1,225.00	\$ 12,250.00	\$ 1,000.00	\$ 10,000.00
11	653	TOPSOIL FURNISHED & PLACED	C.Y.	30	\$ 50.00	\$ 1,500.00	\$ 40.00	\$ 1,200.00	\$ 80.00	\$ 2,400.00	\$ 25.00	\$ 750.00	\$ 36.00	\$ 1,080.00
12	659	SEEDING & MULCHING	S.Y.	362	\$ 4.00	\$ 1,448.00	\$ 3.00	\$ 1,086.00	\$ 6.50	\$ 2,353.00	\$ 1.00	\$ 362.00	\$ 3.00	\$ 1,086.00
13	801	16" DR18 C-905 P.V.C. PIPE	L.F.	5875	\$ 115.00	\$ 675,625.00	\$ 97.00	\$ 569,875.00	\$ 101.20	\$ 594,550.00	\$ 117.00	\$ 687,375.00	\$ 115.50	\$ 678,562.50
14	801	12" CEMENT LINED D.I.W.M.	L.F.	75	\$ 125.00	\$ 9,375.00	\$ 150.00	\$ 11,250.00	\$ 277.50	\$ 20,812.50	\$ 132.00	\$ 9,900.00	\$ 410.00	\$ 30,750.00
15	804	8" CEMENT LINED D.I.W.M.	L.F.	150	\$ 86.00	\$ 12,900.00	\$ 98.00	\$ 14,700.00	\$ 257.50	\$ 38,625.00	\$ 125.00	\$ 18,750.00	\$ 286.00	\$ 42,900.00
16	801	6" CEMENT LINED D.I.W.M.	L.F.	125	\$ 70.00	\$ 8,750.00	\$ 90.00	\$ 11,250.00	\$ 253.50	\$ 31,687.50	\$ 118.00	\$ 14,750.00	\$ 188.00	\$ 23,500.00
17	804	16" 45 DEG. BEND	EA.	6	\$ 1,600.00	\$ 9,600.00	\$ 1,400.00	\$ 8,400.00	\$ 1,650.00	\$ 9,900.00	\$ 1,060.00	\$ 6,360.00	\$ 1,150.00	\$ 6,900.00
18	804	12" 11.25 DEG. BEND	EA.	2	\$ 925.00	\$ 1,850.00	\$ 1,000.00	\$ 2,000.00	\$ 700.00	\$ 1,400.00	\$ 475.00	\$ 950.00	\$ 480.00	\$ 960.00
19	804	8" 45 DEG. BEND	EA.	5	\$ 500.00	\$ 2,500.00	\$ 300.00	\$ 1,500.00	\$ 398.00	\$ 1,990.00	\$ 257.00	\$ 1,285.00	\$ 265.00	\$ 1,325.00
20	804	6" 45 DEG. BEND	EA.	12	\$ 450.00	\$ 5,400.00	\$ 250.00	\$ 3,000.00	\$ 313.00	\$ 3,756.00	\$ 200.00	\$ 2,400.00	\$ 205.00	\$ 2,460.00
21	804	12" x 8" REDUCER	EA.	1	\$ 700.00	\$ 700.00	\$ 425.00	\$ 425.00	\$ 480.00	\$ 480.00	\$ 380.00	\$ 380.00	\$ 400.00	\$ 400.00
22	804	12" x 6" REDUCER	EA.	2	\$ 700.00	\$ 1,400.00	\$ 400.00	\$ 800.00	\$ 460.00	\$ 920.00	\$ 366.00	\$ 732.00	\$ 370.00	\$ 740.00
23	804	8" x 6" REDUCER	EA.	6	\$ 475.00	\$ 2,850.00	\$ 300.00	\$ 1,800.00	\$ 300.00	\$ 1,800.00	\$ 224.00	\$ 1,344.00	\$ 225.00	\$ 1,350.00
24	804	16" x 16" TEE	EA.	1	\$ 2,200.00	\$ 2,200.00	\$ 2,200.00	\$ 2,200.00	\$ 2,190.00	\$ 2,190.00	\$ 1,930.00	\$ 1,930.00	\$ 2,050.00	\$ 2,050.00
25	804	16" x 12" TEE	EA.	5	\$ 2,000.00	\$ 10,000.00	\$ 1,800.00	\$ 9,000.00	\$ 1,753.00	\$ 8,765.00	\$ 1,550.00	\$ 7,750.00	\$ 1,635.00	\$ 8,175.00
26	804	16" x 8" TEE	EA.	7	\$ 1,900.00	\$ 13,300.00	\$ 1,500.00	\$ 10,500.00	\$ 1,535.00	\$ 10,745.00	\$ 1,338.00	\$		