

BID DATE: November 16, 2004

CODE: S00206.150206

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Cioffi & Son Construction		2. Kenmore Construction		*3. Karvo Paving	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$18,000.00	\$18,000.00	\$9,000.00	\$9,000.00	\$10,000.00	\$10,000.00	\$18,000.00	\$18,000.00
2	201	Trees Removed, 18"	3	EACH	\$350.00	\$1,050.00	\$300.00	\$900.00	\$300.00	\$900.00	\$300.00	\$900.00
3	201	Trees Removed, 30"	3	EACH	\$650.00	\$1,950.00	\$625.00	\$1,875.00	\$600.00	\$1,800.00	\$550.00	\$1,650.00
4	201	Trees Removed, 48"	1	EACH	\$850.00	\$850.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$600.00	\$600.00
5	201	Stumps Removed, 18"	1	EACH	\$150.00	\$150.00	\$1.00	\$1.00	\$300.00	\$300.00	\$100.00	\$100.00
6	201	Stumps Removed, 30"	3	EACH	\$200.00	\$600.00	\$1.00	\$3.00	\$400.00	\$1,200.00	\$150.00	\$450.00
7	201	Stumps Removed, 48"	1	EACH	\$250.00	\$250.00	\$1.00	\$1.00	\$675.00	\$675.00	\$200.00	\$200.00
8	203	Excavation Including Embankment Construction	5100	C.Y.	\$8.00	\$40,800.00	\$7.00	\$35,700.00	\$12.00	\$61,200.00	\$27.00	\$137,700.00
9	203	Engineering Fabric, Type BX-1200	11250	S.Y.	\$5.00	\$56,250.00	\$4.00	\$45,000.00	\$4.00	\$45,000.00	\$3.00	\$33,750.00
10	203	Engineering Fabric, Type BX-1300	1500	S.Y.	\$5.00	\$7,500.00	\$3.75	\$5,625.00	\$5.00	\$7,500.00	\$3.10	\$4,650.00
11	203	Proof Rolling	20	HOUR	\$35.00	\$700.00	\$1.00	\$20.00	\$50.00	\$1,000.00	\$50.00	\$1,000.00
12	203	Aggregate Refill, Type 1	2250	C.Y.	\$25.00	\$56,250.00	\$24.00	\$54,000.00	\$27.00	\$60,750.00	\$32.00	\$72,000.00
13	203	Aggregate Refill, Type 2	1850	C.Y.	\$25.00	\$46,250.00	\$24.00	\$44,400.00	\$29.00	\$53,650.00	\$33.00	\$61,050.00
14	252	Trenches For Water Services in Earth 6" Ductile Iron Pipe and fittings, as per detail (for water	100	C.Y.	\$12.00	\$1,200.00	\$20.00	\$2,000.00	\$25.00	\$2,500.00	\$15.00	\$1,500.00
15	254	main)	280	L.F.	\$80.00	\$22,400.00	\$26.00	\$7,280.00	\$40.00	\$11,200.00	\$25.00	\$7,000.00
16	258	6" Valve	3	EACH	\$625.00	\$1,875.00	\$475.00	\$1,425.00	\$200.00	\$600.00	\$650.00	\$1,950.00
17	259	6"-45 Degree Bend	1	EACH	\$350.00	\$350.00	\$125.00	\$125.00	\$150.00	\$150.00	\$300.00	\$300.00
18	259	6" X 6" Tee	1	EACH	\$300.00	\$300.00	\$150.00	\$150.00	\$175.00	\$175.00	\$300.00	\$300.00
19	259	6" Plug	1	EACH	\$300.00	\$300.00	\$75.00	\$75.00	\$100.00	\$100.00	\$250.00	\$250.00
20	259	6" Coupling (Romac)	1	EACH	\$400.00	\$400.00	\$130.00	\$130.00	\$150.00	\$150.00	\$300.00	\$300.00
21	259	6" Solid Sleeve	1	EACH	\$400.00	\$400.00	\$140.00	\$140.00	\$150.00	\$150.00	\$300.00	\$300.00
22	263	Tying into existing 6" water main	2	EACH	\$600.00	\$1,200.00	\$1,300.00	\$2,600.00	\$800.00	\$1,600.00	\$2,000.00	\$4,000.00
23	264	24 inch Steel Casing Pipe, ((0.375" (3/8") Min. wall))	50	L.F.	\$35.00	\$1,750.00	\$400.00	\$20,000.00	\$20.00	\$1,000.00	\$70.00	\$3,500.00
24	265	Water Main Valve Boxes Adjusted	17	EACH	\$60.00	\$1,020.00	\$75.00	\$1,275.00	\$45.00	\$765.00	\$250.00	\$4,250.00
25	301	6 inch Bituminous Aggregate Base	15	C.Y.	\$70.00	\$1,050.00	\$110.00	\$1,650.00	\$100.00	\$1,500.00	\$81.00	\$1,215.00
26	301	8 3/4 inch Bituminous Aggregate Base	2600	C.Y.	\$70.00	\$182,000.00	\$64.90	\$168,740.00	\$60.00	\$156,000.00	\$62.00	\$161,200.00
27	404	Asphalt Concrete, 1.25 inches Thick	390	C.Y.	\$85.00	\$33,150.00	\$88.00	\$34,320.00	\$72.00	\$28,080.00	\$81.00	\$31,590.00
28	404	Asphalt Concrete, 4" Thick Driveway Reconstruction	32	C.Y.	\$120.00	\$3,840.00	\$198.00	\$6,336.00	\$95.00	\$3,040.00	\$150.00	\$4,800.00
29	407	Tack Coat	1100	GAL.	\$2.50	\$2,750.00	\$1.32	\$1,452.00	\$1.00	\$1,100.00	\$1.00	\$1,100.00
30	410	Drive and Walkway Sealcoat	290	S.Y.	\$5.00	\$1,450.00	\$11.00	\$3,190.00	\$2.00	\$580.00	\$2.00	\$580.00
31	455	Curb, Type 6" x 18"	150	L.F.	\$14.00	\$2,100.00	\$15.00	\$2,250.00	\$15.00	\$2,250.00	\$20.00	\$3,000.00
32	455	Combination Curb and Gutter Concrete Walk, 4 inches Thick for Housewalk	6600	L.F.	\$13.00	\$85,800.00	\$12.00	\$79,200.00	\$14.00	\$92,400.00	\$11.25	\$74,250.00
33	456	Reconstruction	1400	S.F.	\$3.50	\$4,900.00	\$3.00	\$4,200.00	\$3.25	\$4,550.00	\$4.00	\$5,600.00
34	456	Concrete Walk, 4 inches Thick	17500	S.F.	\$3.00	\$52,500.00	\$3.00	\$52,500.00	\$3.25	\$56,875.00	\$3.00	\$52,500.00
35	456	Concrete Walk, 6 inches Thick	16000	S.F.	\$3.25	\$52,000.00	\$3.00	\$48,000.00	\$3.50	\$56,000.00	\$3.50	\$56,000.00

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					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
36	456	Curb Ramps, All Types	18	EACH	\$350.00	\$6,300.00	\$100.00	\$1,800.00	\$100.00	\$1,800.00	\$150.00	\$2,700.00
37	456	Concrete Steps	425	L.F.	\$20.00	\$8,500.00	\$1.00	\$425.00	\$28.00	\$11,900.00	\$55.00	\$23,375.00
38	456	Concrete Driveway Reconstruction, 6 inches Thick	2000	S.F.	\$3.00	\$6,000.00	\$3.00	\$6,000.00	\$3.50	\$7,000.00	\$4.25	\$8,500.00
39	456	Concrete Aprons	9000	S.F.	\$3.25	\$29,250.00	\$3.00	\$27,000.00	\$3.50	\$31,500.00	\$4.00	\$36,000.00
40	503	Rock Excavation	200	C.Y.	\$25.00	\$5,000.00	\$1.00	\$200.00	\$0.01	\$2.00	\$35.00	\$7,000.00
41	552	12 inch Storm Sewer, VCPES, 706.08 w/706.12, Class "B" Bedding	1075	L.F.	\$48.00	\$51,600.00	\$36.00	\$38,700.00	\$36.00	\$38,700.00	\$50.00	\$53,750.00
42	552	15 inch Storm Sewer, VCPES, 706.08 w/706.12, Class "B" Bedding	260	L.F.	\$55.00	\$14,300.00	\$40.00	\$10,400.00	\$48.00	\$12,480.00	\$60.00	\$15,600.00
43	552	18 inch Storm Sewer, VCPES, 706.08 w/ 706.12, Class "B" Bedding	830	L.F.	\$62.00	\$51,460.00	\$44.00	\$36,520.00	\$10.00	\$8,300.00	\$62.00	\$51,460.00
44	553	12 inch Inlet Conn. (RCP, CL IV), 706.02 w/706.11, Class "B" Bedding	475	L.F.	\$40.00	\$19,000.00	\$40.00	\$19,000.00	\$44.00	\$20,900.00	\$70.00	\$33,250.00
45	553	15 inch Inlet Conn. (RCP, CL IV), 706.02 w/706.11, Class "B" Bedding	50	L.F.	\$50.00	\$2,500.00	\$70.00	\$3,500.00	\$45.00	\$2,250.00	\$65.00	\$3,250.00
46	556	House Drain Pipe, Complete, 711.29	80	EACH	\$30.00	\$2,400.00	\$20.00	\$1,600.00	\$0.01	\$0.80	\$30.00	\$2,400.00
47	556	House Drain Pipe, Type A, 711.29	400	L.F.	\$2.50	\$1,000.00	\$1.00	\$400.00	\$0.01	\$4.00	\$5.00	\$2,000.00
48	556	House Drain Pipe, Type B, 711.29	200	L.F.	\$2.00	\$400.00	\$1.00	\$200.00	\$0.01	\$2.00	\$5.00	\$1,000.00
49	557	12 inch Sanitary Sewer, CI 53 DIP, 715.02 In Casing Pipe 12 inch Sanitary Sewer, CI 53 DIP, 715.02, Class "B" Bedding	22	L.F.	\$100.00	\$2,200.00	\$26.00	\$572.00	\$300.00	\$6,600.00	\$1,000.00	\$22,000.00
50	557	36 inch Sanitary Sewer, RCP, 706.03 w/706.11, Class "B" Bedding	634	L.F.	\$100.00	\$63,400.00	\$130.00	\$82,420.00	\$110.00	\$69,740.00	\$110.00	\$69,740.00
51	557	6 inch Pipe Reconnections, VCPES, 706.08 w/706.12, Class "B" Bedding	40	L.F.	\$125.00	\$5,000.00	\$148.00	\$5,920.00	\$300.00	\$12,000.00	\$275.00	\$11,000.00
52	559	6 inch Pipe Bends, VCPES, 706.08 w/706.12, Class "B" Bedding	300	L.F.	\$30.00	\$9,000.00	\$8.00	\$2,400.00	\$40.00	\$12,000.00	\$25.00	\$7,500.00
53	559	Manhole MH-2A Slab Top on 15 inch Storm Sewer (Casting Supplied by the City)	90	EACH	\$30.00	\$2,700.00	\$15.00	\$1,350.00	\$25.00	\$2,250.00	\$25.00	\$2,250.00
54	562	Manhole MH-2A Slab Top on 18 inch Storm Sewer (Casting Supplied by the City)	1	EACH	\$2,000.00	\$2,000.00	\$1,600.00	\$1,600.00	\$1,350.00	\$1,350.00	\$3,000.00	\$3,000.00
55	562	Manhole MH-2A Slab Top on 12 inch & 18 inch Storm Sewer (Casting Supplied by the City)	2	EACH	\$2,000.00	\$4,000.00	\$1,600.00	\$3,200.00	\$1,600.00	\$3,200.00	\$3,500.00	\$7,000.00
56	562	Manhole MH-2A Slab Top on 12 inch Storm Sewer (Casting Supplied by the City)	1	EACH	\$2,000.00	\$2,000.00	\$1,600.00	\$1,600.00	\$1,400.00	\$1,400.00	\$3,000.00	\$3,000.00
57	562	Manhole MH-2B Slab Top on 15 inch & 24 inch Storm Sewer (Casting Supplied by the City)	8	EACH	\$2,000.00	\$16,000.00	\$1,600.00	\$12,800.00	\$1,400.00	\$11,200.00	\$3,000.00	\$24,000.00
58	562	Manhole MH-2B Slab Top on 15 inch & 24 inch Storm Sewer (Casting Supplied by the City)	1	EACH	\$2,000.00	\$2,000.00	\$1,800.00	\$1,800.00	\$2,700.00	\$2,700.00	\$4,000.00	\$4,000.00

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59	562	MH-2A on 12" Sanitary Sewer, deep manhole (Casting Supplied by the City)	1	EACH	\$8,000.00	\$8,000.00	\$3,600.00	\$3,600.00	\$4,000.00	\$4,000.00	\$5,500.00	\$5,500.00
60	562	MH-2A on 12" Sanitary Sewer (Casting Supplied by the City)	2	EACH	\$2,500.00	\$5,000.00	\$2,000.00	\$4,000.00	\$2,500.00	\$5,000.00	\$5,500.00	\$11,000.00
61	562	MH-2A Slab Top on 12" Sanitary Sewer (Casting Supplied by the City)	2	EACH	\$3,500.00	\$7,000.00	\$1,800.00	\$3,600.00	\$2,400.00	\$4,800.00	\$5,500.00	\$11,000.00
62	562	Drop Manhole, MH-2A on 12" Sanitary Sewer, deep manhole (Casting Supplied by the City)	1	EACH	\$7,000.00	\$7,000.00	\$4,200.00	\$4,200.00	\$5,000.00	\$5,000.00	\$5,500.00	\$5,500.00
63	562	Drop Manhole, MH-2A Slab Top on 12" Sanitary Sewer (Casting Supplied by the City)	1	EACH	\$5,500.00	\$5,500.00	\$2,400.00	\$2,400.00	\$5,000.00	\$5,000.00	\$5,500.00	\$5,500.00
64	562	Precast Manhole Vault, 6' X 12' for Rack #25 (Complete in Place) (Casting Supplied by the City)	1	EACH	\$22,700.00	\$22,700.00	\$12,500.00	\$12,500.00	\$50,000.00	\$50,000.00	\$13,500.00	\$13,500.00
65	562	Brick Manhole Adjusted	14	EACH	\$250.00	\$3,500.00	\$150.00	\$2,100.00	\$200.00	\$2,800.00	\$200.00	\$2,800.00
66	562	Brick Manhole Rebuilt	25	L.F.	\$80.00	\$2,000.00	\$100.00	\$2,500.00	\$300.00	\$7,500.00	\$400.00	\$10,000.00
67	563	Inlet, No. 2 (Casting Supplied by the City)	2	EACH	\$1,800.00	\$3,600.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00
68	563	Inlet, No. 3 Modified (Casting Supplied by the City)	7	EACH	\$1,800.00	\$12,600.00	\$900.00	\$6,300.00	\$1,200.00	\$8,400.00	\$1,000.00	\$7,000.00
69	563	Inlet, Double No. 5 (Casting Supplied by the City)	11	EACH	\$2,600.00	\$28,600.00	\$1,000.00	\$11,000.00	\$1,300.00	\$14,300.00	\$1,000.00	\$11,000.00
70	563	Inlet Reconstructed, Modified No. 3	1	EACH	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
71	563	Inlet Reconstructed, No. 3	2	EACH	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00
72	563	Inlet Adjusted, No. 3	1	EACH	\$300.00	\$300.00	\$350.00	\$350.00	\$350.00	\$350.00	\$1,000.00	\$1,000.00
73	563	Inlet, Type 'D'	1	EACH	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$900.00	\$900.00	\$1,000.00	\$1,000.00
74	564	4 inch Pipe Underdrains, 707.15	6750	L.F.	\$3.50	\$23,625.00	\$3.50	\$23,625.00	\$3.00	\$20,250.00	\$5.00	\$33,750.00
75	603	Slag or Limestone	30	C.Y.	\$15.00	\$450.00	\$25.00	\$750.00	\$25.00	\$750.00	\$80.00	\$2,400.00
76	603	Limestone For Driveway Reconstruction, 6" Thick	400	S.Y.	\$15.00	\$6,000.00	\$12.00	\$4,800.00	\$8.00	\$3,200.00	\$5.00	\$2,000.00
77	604	Bank Run Gravel	500	C.Y.	\$10.00	\$5,000.00	\$0.01	\$5.00	\$0.01	\$5.00	\$14.00	\$7,000.00
78	608	Fence Removal and Reconstruction	150	L.F.	\$10.00	\$1,500.00	\$10.00	\$1,500.00	\$8.00	\$1,200.00	\$10.00	\$1,500.00
79	611	Modular Block Wall	600	S.F.	\$30.00	\$18,000.00	\$15.00	\$9,000.00	\$30.00	\$18,000.00	\$20.00	\$12,000.00
80	613	Uniformed Law Enforcement Officer	80	HRS.	\$35.00	\$2,800.00	\$35.00	\$2,800.00	\$35.00	\$2,800.00	\$35.00	\$2,800.00
81	614	Maintaining Traffic	1	L.S.	\$5,000.00	\$5,000.00	\$500.00	\$500.00	\$2,500.00	\$2,500.00	\$50,000.00	\$50,000.00
82	616	Calcium Chloride	10	TONS	\$20.00	\$200.00	\$1.00	\$10.00	\$1.00	\$10.00	\$10.00	\$100.00
83	619	Field Office	1	L.S.	\$3,500.00	\$3,500.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
84	622	Monument Boxes (Casting Supplied by the City)	12	EACH	\$175.00	\$2,100.00	\$150.00	\$1,800.00	\$200.00	\$2,400.00	\$350.00	\$4,200.00
85	623	Construction Layout Stakes	1	L.S.	\$10,000.00	\$10,000.00	\$1,000.00	\$1,000.00	\$12,000.00	\$12,000.00	\$30,000.00	\$30,000.00
86	624	Mobilization	1	L.S.	\$10,000.00	\$10,000.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$20,000.00	\$20,000.00
87	629	Street Signs Reset	5	EACH	\$150.00	\$750.00	\$50.00	\$250.00	\$50.00	\$250.00	\$65.00	\$325.00
88	630	Stop Sign (R-1-30) and sign support, see index, 2/17	6	EACH	\$200.00	\$1,200.00	\$155.00	\$930.00	\$150.00	\$900.00	\$155.00	\$930.00
89	630	Speed Limit Sign (R-10-24) and sign support, see index,	3	EACH	\$200.00	\$600.00	\$155.00	\$465.00	\$150.00	\$450.00	\$155.00	\$465.00

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90	630	No Parking Anytime (R-55-12) and sign support, see index, 2/17	13	EACH	\$150.00	\$1,950.00	\$110.00	\$1,430.00	\$100.00	\$1,300.00	\$110.00	\$1,430.00
91	630	No Parking To D/W (R-55-12) and sign support, see index, 2/17	1	EACH	\$150.00	\$150.00	\$110.00	\$110.00	\$100.00	\$100.00	\$110.00	\$110.00
92	630	No Parking To D/W (R-55-12) and sign support, see index, 2/17	1	EACH	\$150.00	\$150.00	\$110.00	\$110.00	\$100.00	\$100.00	\$110.00	\$110.00
93	630	No Parking To D/W (R-55-12) and sign support, see index, 2/17	3	EACH	\$150.00	\$450.00	\$110.00	\$330.00	\$100.00	\$300.00	\$110.00	\$330.00
94	630	Curve Warning (R-2-30) and sign support, see index, 2/17	2	EACH	\$200.00	\$400.00	\$155.00	\$310.00	\$150.00	\$300.00	\$155.00	\$310.00
95	630	Dead End/No Outlet (R-48-30) and sign support, see index, 2/17	1	EACH	\$200.00	\$200.00	\$155.00	\$155.00	\$150.00	\$150.00	\$155.00	\$155.00
96	630	Adv. Sch. Cross. Warn. (R-82-30) and sign supp., see index	1	EACH	\$200.00	\$200.00	\$215.00	\$215.00	\$200.00	\$200.00	\$215.00	\$215.00
97	630	General (R-81-30) and sign supp., see index, 2/17	1	EACH	\$200.00	\$200.00	\$155.00	\$155.00	\$150.00	\$150.00	\$155.00	\$155.00
98	630	Entrance Sign (R-75-30) and sign supp., see index, 2/17	1	EACH	\$200.00	\$200.00	\$155.00	\$155.00	\$150.00	\$150.00	\$155.00	\$155.00
99	653	Topsoil Furnished & Placed, 4" Thick	2000	S.Y.	\$3.00	\$6,000.00	\$3.00	\$6,000.00	\$2.50	\$5,000.00	\$3.00	\$6,000.00
100	659	Lawn Seeding and Mulching	2000	S.Y.	\$2.00	\$4,000.00	\$1.75	\$3,500.00	\$1.50	\$3,000.00	\$1.50	\$3,000.00
101	660	Sodding (includes 4" of topsoil)	5000	S.Y.	\$5.00	\$25,000.00	\$7.00	\$35,000.00	\$6.00	\$30,000.00	\$6.50	\$32,500.00
102	663	Tree Planting in Lawn Area 2" B&B, American Hornbeam, Ostrya Virginiana	77	EACH	\$350.00	\$26,950.00	\$250.00	\$19,250.00	\$250.00	\$19,250.00	\$272.00	\$20,944.00
103	668	Seeding and Excelsior Matting	500	S.Y.	\$4.50	\$2,250.00	\$4.00	\$2,000.00	\$4.00	\$2,000.00	\$3.50	\$1,750.00
104	669	Protecting Trees	1	L.S.	\$500.00	\$500.00	\$1.00	\$1.00	\$500.00	\$500.00	\$500.00	\$500.00
105	Spec.	Computer Allowance	1	L.S.	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
<b>TOTAL CONSTRUCTION COSTS</b>						<b>\$1,262,470.00</b>		<b>\$1,075,676.00</b>		<b>\$1,172,283.80</b>		<b>\$1,475,244.00</b>
+/- ENGINEER'S ESTIMATE								-14.8%		-7.1%		16.9%

\* Ref #89 extended amount incorrect in bid book