

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Cavanaugh Building Corp.		*2. The Ruhlin Company		*3. Wolf Creek Engineering	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
<b>Common Items</b>												
1	103.05	Contract Performance Bond	1.00	L.S.	\$16,000.00	\$16,000.00	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00
2	618	Computer Equipment	1.00	Allow.	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
3	619	Field Office	1.00	L.S.	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$13,000.00	\$13,000.00	\$10,000.00	\$10,000.00
<b>Waterloo Road Towpath Trail</b>												
4	201	Trees Removed, 18"	34.00	EACH	\$350.00	\$11,900.00	\$125.00	\$4,250.00	\$125.00	\$4,250.00	\$275.00	\$9,350.00
5	201	Trees Removed, 30"	7.00	EACH	\$800.00	\$5,600.00	\$350.00	\$2,450.00	\$500.00	\$3,500.00	\$550.00	\$3,850.00
6	201	Trees Removed, 48"	2.00	EACH	\$1,200.00	\$2,400.00	\$850.00	\$1,700.00	\$850.00	\$1,700.00	\$1,100.00	\$2,200.00
7	201	Stumps Removed, 30"	1.00	EACH	\$300.00	\$300.00	\$150.00	\$150.00	\$50.00	\$50.00	\$600.00	\$600.00
8	202	Bollards Removed	5.00	EACH	\$40.00	\$200.00	\$25.00	\$125.00	\$35.00	\$175.00	\$25.00	\$125.00
9	202	Signs and Posts Removed	1.00	EACH	\$350.00	\$350.00	\$25.00	\$25.00	\$23.00	\$23.00	\$50.00	\$50.00
10	202	Guardrail Removed	20.00	L.F.	\$10.00	\$200.00	\$6.00	\$120.00	\$3.50	\$70.00	\$5.00	\$100.00
11	203	Excavation Not Including Embankment Construction	1,470.00	C.Y.	\$25.00	\$36,750.00	\$10.00	\$14,700.00	\$16.75	\$24,622.50	\$16.00	\$23,520.00
12	203	Embankment	1,419.00	C.Y.	\$25.00	\$35,475.00	\$12.00	\$17,028.00	\$20.00	\$28,380.00	\$25.00	\$35,475.00
13	203	Subgrade Compaction	4,360.00	S.Y.	\$2.00	\$8,720.00	\$2.00	\$8,720.00	\$0.89	\$3,880.40	\$4.00	\$17,440.00
14	203	Proof Rolling	8.00	HOUR	\$50.00	\$400.00	\$50.00	\$400.00	\$140.00	\$1,120.00	\$100.00	\$800.00
15	203	Aggregate Refill, Type 1	740.00	C.Y.	\$45.00	\$33,300.00	\$48.00	\$35,520.00	\$60.00	\$44,400.00	\$45.00	\$33,300.00
16	203	Aggregate Refill, Type 2	80.00	C.Y.	\$50.00	\$4,000.00	\$70.00	\$5,600.00	\$47.00	\$3,760.00	\$50.00	\$4,000.00
17	207	Filter Fabric Fence	7,830.00	L.F.	\$2.50	\$19,575.00	\$1.50	\$11,745.00	\$1.70	\$13,311.00	\$1.75	\$13,702.50
18	301	4 inch Bituminous Aggregate Base	498.00	C.Y.	\$180.00	\$89,640.00	\$175.00	\$87,150.00	\$128.00	\$63,744.00	\$110.00	\$54,780.00
19	407	Tack Coat	452.00	GAL.	\$3.50	\$1,582.00	\$2.00	\$904.00	\$1.50	\$678.00	\$2.00	\$904.00
20	448	2 inch Asphalt Concrete Surface Course, Type 1	250.00	C.Y.	\$200.00	\$50,000.00	\$210.00	\$52,500.00	\$172.50	\$43,125.00	\$145.00	\$36,250.00
21	503	Cofferdams, Cribs and Sheeting	1.00	L.S.	\$50,000.00	\$50,000.00	\$35,000.00	\$35,000.00	\$21,000.00	\$21,000.00	\$75,000.00	\$75,000.00
22	507	14 inch Auger Cast Reinforced Concrete Piles	615.00	L.F.	\$100.00	\$61,500.00	\$54.00	\$33,210.00	\$74.00	\$45,510.00	\$39.50	\$24,292.50
23	509	Epoxy Coated Reinforcing Steel	6,727.00	LBS.	\$1.25	\$8,408.75	\$1.00	\$6,727.00	\$1.50	\$10,090.50	\$1.24	\$8,341.48
24	511	Class 'C' Concrete, as per plan	50.00	C.Y.	\$700.00	\$35,000.00	\$250.00	\$12,500.00	\$225.00	\$11,250.00	\$240.00	\$12,000.00
25	511	Class 'S' Concrete, as per plan	64.00	C.Y.	\$800.00	\$51,200.00	\$350.00	\$22,400.00	\$450.00	\$28,800.00	\$380.00	\$24,320.00
26	518	Porous Backfill	40.00	C.Y.	\$70.00	\$2,800.00	\$20.00	\$800.00	\$73.00	\$2,920.00	\$50.00	\$2,000.00
27	518	6 inch Perforated Corrugated Plastic Pipe	75.00	L.F.	\$12.00	\$900.00	\$6.00	\$450.00	\$7.00	\$525.00	\$10.00	\$750.00
28	562	Manhole Adjusted	1	EACH	\$1,500.00	\$1,500.00	\$300.00	\$300.00	\$150.00	\$150.00	\$400.00	\$400.00
29	609	Engineering Geogrid for Roadways	7,500.00	S.Y.	\$6.00	\$45,000.00	\$5.50	\$41,250.00	\$6.90	\$51,750.00	\$5.00	\$37,500.00
30	614	Maintaining Traffic	1.00	L.S.	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00	\$8,000.00	\$8,000.00	\$1,000.00	\$1,000.00
31	616	Calcium Chloride	4.00	TONS	\$100.00	\$400.00	\$50.00	\$200.00	\$600.00	\$2,400.00	\$100.00	\$400.00
32	622	Monument, Adjusted	2.00	EACH	\$400.00	\$800.00	\$400.00	\$800.00	\$200.00	\$400.00	\$200.00	\$400.00
33	623	Construction Layout Stakes	1.00	L.S.	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00	\$16,000.00	\$16,000.00	\$10,000.00	\$10,000.00
34	624	Mobilization	1.00	L.S.	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
35	626	Geotextile Fabric, Type Non-Woven	435.00	S.Y.	\$3.50	\$1,522.50	\$2.00	\$870.00	\$1.80	\$783.00	\$2.00	\$870.00
36	653	Topsoil Furnished & Placed, 4" Thick	1,473.00	S.Y.	\$6.00	\$8,838.00	\$3.00	\$4,419.00	\$3.00	\$4,419.00	\$3.35	\$4,934.55
37	653	Topsoil Furnished & Placed, 6" Thick	435.00	S.Y.	\$8.00	\$3,480.00	\$5.00	\$2,175.00	\$4.65	\$2,022.75	\$5.17	\$2,248.95
38	659	Lawn Seeding and Mulching	1,505.00	S.Y.	\$2.00	\$3,010.00	\$1.00	\$1,505.00	\$1.75	\$2,633.75	\$1.15	\$1,730.75
39	668	Seeding and Excelsior Matting	355.00	S.Y.	\$5.00	\$1,775.00	\$2.00	\$710.00	\$3.00	\$1,065.00	\$3.65	\$1,295.75
40	669	Protecting Trees	1.00	L.S.	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$375.00	\$375.00	\$500.00	\$500.00
41	SPEC	Pre-Engineered Bridge	1.00	EACH	\$275,000.00	\$275,000.00	\$170,000.00	\$170,000.00	\$157,600.00	\$157,600.00	\$275,000.00	\$275,000.00
42	SPEC	Trail Directional Sign	2.00	EACH	\$238.00	\$476.00	\$100.00	\$200.00	\$385.00	\$770.00	\$300.00	\$600.00
43	SPEC	Regulatory Signs	8.00	EACH	\$250.00	\$2,000.00	\$75.00	\$600.00	\$75.00	\$600.00	\$100.00	\$800.00
44	SPEC	Sign Posts	14.00	EACH	\$175.00	\$2,450.00	\$300.00	\$4,200.00	\$105.00	\$1,470.00	\$110.00	\$1,540.00

REF. NO.	ITEM NO.	DESCRIPTION	ENGINEER'S ESTIMATE		1. Cavanaugh Building Corp.		*2. The Ruhlin Company		*3. Wolf Creek Engineering			
			QTY.	UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT		
45	SPEC	Wayside Interpretative Signage	2.00	EACH	\$2,500.00	\$5,000.00	\$1,500.00	\$3,000.00	\$975.00	\$1,950.00	\$2,200.00	\$4,400.00
46	SPEC	Timber Railing	1,000.00	L.F.	\$28.00	\$28,000.00	\$26.00	\$26,000.00	\$31.00	\$31,000.00	\$25.60	\$25,600.00
47	SPEC	Collapsible Wood Bollards	2.00	EACH	\$800.00	\$1,600.00	\$800.00	\$1,600.00	\$740.00	\$1,480.00	\$700.00	\$1,400.00
48	SPEC	Wood Bollards	4.00	EACH	\$600.00	\$2,400.00	\$200.00	\$800.00	\$120.00	\$480.00	\$120.00	\$480.00
49	SPEC	Mile marker	1.00	EACH	\$600.00	\$600.00	\$1,250.00	\$1,250.00	\$574.00	\$574.00	\$600.00	\$600.00
50	SPEC	Lightweight Aggregate	805.00	C.Y.	\$110.00	\$88,550.00	\$70.00	\$56,350.00	\$79.00	\$63,595.00	\$60.00	\$48,300.00
51	SPEC	Environmental Remediation	1.00	Allow.	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00
<b>Wilbeth Road Trailhead</b>												
52	202	Bollards Removed	3.00	EACH	\$40.00	\$120.00	\$25.00	\$75.00	\$57.00	\$171.00	\$25.00	\$75.00
53	202	Signs and Posts Removed	3.00	EACH	\$350.00	\$1,050.00	\$25.00	\$75.00	\$23.00	\$69.00	\$50.00	\$150.00
54	202	Utility Pole Removed	3.00	EACH	\$200.00	\$600.00	\$500.00	\$1,500.00	\$390.00	\$1,170.00	\$100.00	\$300.00
55	202	Guardrail Removed	506.00	L.F.	\$1.00	\$506.00	\$6.00	\$3,036.00	\$2.20	\$1,113.20	\$2.00	\$1,012.00
56	203	Excavation Not Including Embankment Construction	35.00	C.Y.	\$50.00	\$1,750.00	\$50.00	\$1,750.00	\$63.00	\$2,205.00	\$25.00	\$875.00
57	203	Embankment	2,800.00	C.Y.	\$25.00	\$70,000.00	\$15.00	\$42,000.00	\$17.00	\$47,600.00	\$25.00	\$70,000.00
58	203	Subgrade Compaction	2,900.00	S.Y.	\$2.00	\$5,800.00	\$2.00	\$5,800.00	\$0.90	\$2,610.00	\$1.20	\$3,480.00
59	203	Proof Rolling	7.00	HOUR	\$50.00	\$350.00	\$50.00	\$350.00	\$134.00	\$938.00	\$100.00	\$700.00
60	203	Aggregate Refill, Type 1	622.00	C.Y.	\$45.00	\$27,990.00	\$39.00	\$24,258.00	\$37.00	\$23,014.00	\$45.00	\$27,990.00
61	207	Filter Fabric Fence	325.00	L.F.	\$2.50	\$812.50	\$1.00	\$325.00	\$2.30	\$747.50	\$1.75	\$568.75
62	252	Trenches for Water Services in Earth, as per plan	250.00	L.F.	\$30.00	\$7,500.00	\$20.00	\$5,000.00	\$18.00	\$4,500.00	\$10.00	\$2,500.00
63	253	Boring for Water Services	60	L.F.	\$30.00	\$1,800.00	\$40.00	\$2,400.00	\$54.00	\$3,240.00	\$60.00	\$3,600.00
64	301	4-3/4 inch Bituminous Aggregate Base	500.00	C.Y.	\$180.00	\$90,000.00	\$140.00	\$70,000.00	\$109.00	\$54,500.00	\$90.00	\$45,000.00
65	305	8 inch Portland Cement Concrete Base	80	S.Y.	\$50.00	\$4,000.00	\$109.00	\$8,720.00	\$72.00	\$5,760.00	\$68.00	\$5,440.00
66	407	Tack Coat	335.00	GAL.	\$3.50	\$1,172.50	\$2.00	\$670.00	\$1.50	\$502.50	\$2.00	\$670.00
67	448	1-1/4 inch Asphalt Concrete Surface Course, Type 1	140.00	C.Y.	\$200.00	\$28,000.00	\$180.00	\$25,200.00	\$150.00	\$21,000.00	\$135.00	\$18,900.00
68	455	Curb, Type 6" X 18"	1,674.00	L.F.	\$18.00	\$30,132.00	\$12.00	\$20,088.00	\$13.00	\$21,762.00	\$13.00	\$21,762.00
69	456	Concrete Walk, 6 inches Thick	2,400.00	S.F.	\$5.00	\$12,000.00	\$5.50	\$13,200.00	\$4.60	\$11,040.00	\$5.00	\$12,000.00
70	456	Concrete Walk, 8 inches Thick	320.00	S.F.	\$6.00	\$1,920.00	\$6.00	\$1,920.00	\$6.80	\$2,176.00	\$6.50	\$2,080.00
71	456	Concrete Driveway Reconstruction, 8 inches Thick	1,600.00	S.F.	\$6.00	\$9,600.00	\$8.00	\$12,800.00	\$4.90	\$7,840.00	\$7.00	\$11,200.00
72	456	Concrete Aprons, 8 inches Thick	380.00	S.F.	\$6.00	\$2,280.00	\$7.00	\$2,660.00	\$6.30	\$2,394.00	\$8.00	\$3,040.00
73	457	Concrete Median	20	S.Y.	\$40.00	\$800.00	\$80.00	\$1,600.00	\$97.00	\$1,940.00	\$56.00	\$1,120.00
74	552	12 inch Storm Sewer, Type RCP, Class 'B' Bedding	140.00	L.F.	\$40.00	\$5,600.00	\$25.00	\$3,500.00	\$39.00	\$5,460.00	\$40.00	\$5,600.00
75	561	Manhole Frame and Beehive Grate Cover	1.00	EACH	\$500.00	\$500.00	\$300.00	\$300.00	\$406.00	\$406.00	\$300.00	\$300.00
76	562	Manhole MH-2A Slab top on Storm Sewer	1.00	EACH	\$1,500.00	\$1,500.00	\$600.00	\$600.00	\$1,800.00	\$1,800.00	\$1,400.00	\$1,400.00
77	564	4 inch Pipe Underdrains	160.00	L.F.	\$6.00	\$960.00	\$4.50	\$720.00	\$4.00	\$640.00	\$10.00	\$1,600.00
78	601	Rock Channel Protection, Type 'C'	12.00	C.Y.	\$200.00	\$2,400.00	\$80.00	\$960.00	\$76.00	\$912.00	\$80.00	\$960.00
79	602	Concrete Masonry - Headwall, as per plan	1.00	C.Y.	\$9,000.00	\$9,000.00	\$200.00	\$200.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00
80	603	Limestone, #57	65.00	C.Y.	\$50.00	\$3,250.00	\$36.00	\$2,340.00	\$58.00	\$3,770.00	\$30.00	\$1,950.00
81	609	Engineering Geogrid for Roadways	4,000.00	S.Y.	\$6.00	\$24,000.00	\$5.50	\$22,000.00	\$7.00	\$28,000.00	\$5.00	\$20,000.00
82	614	Maintaining Traffic	1.00	L.S.	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
83	616	Calcium Chloride	5.00	TONS	\$50.00	\$250.00	\$50.00	\$250.00	\$600.00	\$3,000.00	\$100.00	\$500.00
84	621	Parking Lot Stall Marking	1,600.00	L.F.	\$1.50	\$2,400.00	\$0.50	\$800.00	\$0.19	\$304.00	\$0.50	\$800.00
85	621	Accessible symbol marking	4.00	EACH	\$200.00	\$800.00	\$50.00	\$200.00	\$22.00	\$88.00	\$150.00	\$600.00
86	623	Construction Layout Stakes	1.00	L.S.	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00
87	624	Mobilization	1.00	L.S.	\$6,000.00	\$6,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
88	626	Geotextile Fabric, Type Non-Woven	180.00	S.Y.	\$3.50	\$630.00	\$2.00	\$360.00	\$1.50	\$270.00	\$2.00	\$360.00
89	630	Traffic Sign - Type R7-8 "reserved parking"	4.00	EACH	\$100.00	\$400.00	\$120.00	\$480.00	\$80.00	\$320.00	\$150.00	\$600.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Cavanaugh Building Corp.		*2. The Ruhlin Company		*3. Wolf Creek Engineering	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
90	630	Traffic Sign - Type R7-H8B "\$250 fine minimum	4.00	EACH	\$100.00	\$400.00	\$25.00	\$100.00	\$65.00	\$260.00	\$150.00	\$600.00
91	630	Traffic Sign - Type R7-8A, "van accessible"	4.00	EACH	\$100.00	\$400.00	\$20.00	\$80.00	\$65.00	\$260.00	\$150.00	\$600.00
92	630	Traffic Sign - Type A	2.00	EACH	\$180.00	\$360.00	\$65.00	\$130.00	\$295.00	\$590.00	\$150.00	\$300.00
93	630	Traffic Sign - Type B, as per plan	1.00	EACH	\$300.00	\$300.00	\$225.00	\$225.00	\$350.00	\$350.00	\$200.00	\$200.00
94	630	Traffic Sign - Type C, as per plan	1.00	EACH	\$2,000.00	\$2,000.00	\$700.00	\$700.00	\$975.00	\$975.00	\$1,600.00	\$1,600.00
95	653	Topsoil Furnished & Placed, 4" Thick	2,967.00	S.Y.	\$6.00	\$17,802.00	\$3.00	\$8,901.00	\$3.00	\$8,901.00	\$3.35	\$9,939.45
96	653	Topsoil Furnished & Placed, as per plan	180.00	C.Y.	\$20.00	\$3,600.00	\$30.00	\$5,400.00	\$27.00	\$4,860.00	\$29.00	\$5,220.00
97	659	Lawn Seeding and Mulching	2,300.00	S.Y.	\$2.00	\$4,600.00	\$1.00	\$2,300.00	\$1.25	\$2,875.00	\$1.15	\$2,645.00
98	660	Sodding	667.00	S.Y.	\$7.00	\$4,669.00	\$4.00	\$2,668.00	\$3.50	\$2,334.50	\$8.35	\$5,569.45
99	662	Mulch, 3" Thick	16.00	C.Y.	\$50.00	\$800.00	\$35.00	\$560.00	\$32.00	\$512.00	\$40.00	\$640.00
100	662	Planting Shrubs, 'Raspberry Tart Viburnum'	31.00	EACH	\$45.00	\$1,395.00	\$40.00	\$1,240.00	\$38.00	\$1,178.00	\$54.00	\$1,674.00
101	662	Planting Shrubs, 'Dart's Golden Ninebark'	76.00	EACH	\$35.00	\$2,660.00	\$45.00	\$3,420.00	\$43.00	\$3,268.00	\$57.00	\$4,332.00
102	663	Tree Planting in Lawn Area, 'American Sycamore'	12.00	EACH	\$375.00	\$4,500.00	\$355.00	\$4,260.00	\$350.00	\$4,200.00	\$550.00	\$6,600.00
103	663	Tree Planting in Lawn Area, 'American Yellowwood'	9.00	EACH	\$312.00	\$2,808.00	\$390.00	\$3,510.00	\$375.00	\$3,375.00	\$544.00	\$4,896.00
		Tree Planting in Lawn Area, 'Valley Forge American										
104	663	Elm'	9.00	EACH	\$512.00	\$4,608.00	\$385.00	\$3,465.00	\$375.00	\$3,375.00	\$500.00	\$4,500.00
105	663	Tree Planting in Lawn Area, 'Rejoice Crabapple'	6.00	EACH	\$327.00	\$1,962.00	\$260.00	\$1,560.00	\$250.00	\$1,500.00	\$275.00	\$1,650.00
106	669	Protecting Trees	1.00	L.S.	\$500.00	\$500.00	\$500.00	\$500.00	\$200.00	\$200.00	\$500.00	\$500.00
107	SPEC	Regulatory Signs	2.00	EACH	\$250.00	\$500.00	\$75.00	\$150.00	\$520.00	\$1,040.00	\$100.00	\$200.00
108	SPEC	Sign Posts	6.00	EACH	\$175.00	\$1,050.00	\$300.00	\$1,800.00	\$110.00	\$660.00	\$110.00	\$660.00
109	SPEC	Collapsible Wood Bollards	2.00	EACH	\$800.00	\$1,600.00	\$800.00	\$1,600.00	\$740.00	\$1,480.00	\$700.00	\$1,400.00
110	SPEC	Wood Bollards	5.00	EACH	\$600.00	\$3,000.00	\$200.00	\$1,000.00	\$121.00	\$605.00	\$120.00	\$600.00
111	SPEC	Trash Receptacle	1.00	EACH	\$1,950.00	\$1,950.00	\$1,000.00	\$1,000.00	\$2,600.00	\$2,600.00	\$1,500.00	\$1,500.00
112	SPEC	Site Improvement, Wood and Stone Bench	2.00	EACH	\$1,400.00	\$2,800.00	\$1,500.00	\$3,000.00	\$1,700.00	\$3,400.00	\$1,700.00	\$3,400.00
113	SPEC	Site Improvement, Bike Rack	1.00	EACH	\$350.00	\$350.00	\$1,500.00	\$1,500.00	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00
114	SPEC	Trailhead Entry Sign	2.00	EACH	\$500.00	\$1,000.00	\$6,000.00	\$12,000.00	\$4,425.00	\$8,850.00	\$4,500.00	\$9,000.00
115	SPEC	Sand, 2" Thick	180.00	S.Y.	\$2.50	\$450.00	\$2.00	\$360.00	\$3.30	\$594.00	\$5.00	\$900.00
116	SPEC	Pea Gravel, 2" Thick	180.00	S.Y.	\$3.00	\$540.00	\$3.00	\$540.00	\$3.20	\$576.00	\$6.00	\$1,080.00
117	SPEC	Concrete Grid Pavement	80.00	S.Y.	\$60.00	\$4,800.00	\$75.00	\$6,000.00	\$125.00	\$10,000.00	\$30.00	\$2,400.00
118	SPEC	Drinking Fountain	1.00	EACH	\$6,000.00	\$6,000.00	\$5,400.00	\$5,400.00	\$3,900.00	\$3,900.00	\$3,200.00	\$3,200.00
119	SPEC	Kiosk	1.00	EACH	\$8,000.00	\$8,000.00	\$6,000.00	\$6,000.00	\$9,700.00	\$9,700.00	\$6,800.00	\$6,800.00
120	SPEC	Pre-cast Concrete Restroom Facility	1.00	EACH	\$75,000.00	\$75,000.00	\$42,000.00	\$42,000.00	\$39,000.00	\$39,000.00	\$34,500.00	\$34,500.00

TOTAL CONSTRUCTION COSTS \$1,632,879.25 \$1,185,409.00 \$1,192,182.60 \$1,295,889.13

+/- ENGINEER'S ESTIMATE -27.4% -27.0% -20.6%

\*2 - Ruhlin - Federally Required EEO Certification Page 1 – appropriate phrase not circled

\*3 - Wolf Creek - Federal DBE/Data Participation Documentation not completed

\*4 - Licursui Co. -Ref. #66 – extended amount incorrect in bid book  
 Unofficial construction cost incorrect Federal DBE/Data Participation Documentation not completed ODOT's 2005 LPA Template not signed

BID TAB FOR: Waterloo Road Towpath Trail

FILE NO. 2005-060-00

BID DATE: January 6, 2009

CODE: B05020.B05020

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	AMOUNT	1. Cavanaugh Building Corp. PRICE	AMOUNT	*2. The Ruhlin Company PRICE	AMOUNT	*3. Wolf Creek Engineering PRICE	AMOUNT
----------	----------	-------------	------	------	---------------------------	--------	-----------------------------------	--------	------------------------------	--------	----------------------------------	--------

\*5 - Workman - Ref #45 Correction neither initialed nor dated, Federal DBE/Data Participation Documentation not completed, Federally Required EEO Certification page 1 - Appropriate phrase not circled, ODOT's 2005 LPA Template not signed.

\*7. - Lockhart - Federal DBD/Data Participation Documentation not completed, Certification of Non-segregated Facilities not signed, Federally Required EEO Certification Page 1 - appropriate phrase not circled, ODOT's 2005 LPA Template not signed.

\*9. - Ohio Paving - Ref #112 - extended amount incorrect in bid book, Unofficial construction cost incorrect.

\*10. - F Buddie - ODOT's 2005 LPA Template not signed

\*11. - Fechko Excavating - Ref. #95 extended amount incorrect in bid book, Unofficial construction cost incorrect, Bid bond amount left blank

\*12. - Precision Eng - Ref. #'s 21, 58 and 59 - correction initialed but not dated, Federally Required EEO Certification Page 1 - appropriate phrase not circled

\*13. - Delta Asphalt - Ref #'s 22, and 41 - corrections neither initialed not dated, Ref #114 extended amount incorrect in bid book, Unofficial construction cost incorrect, Federal DBA./Data Participation Documentation not completed. Certification of Non-segregated Facilities not signed, Federally Required EEO Certification page 1 - appropriate phrase not circled. ODOT's 2005 LPA Template not signed.

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*4. Licursi Co. Inc.		*5. Workman Industrial Service		6. Karvo Paving Company	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
<b>Common Items</b>												
1	103.05	Contract Performance Bond	1.00	L.S.	\$16,000.00	\$16,000.00	\$34,607.00	\$34,607.00	\$19,910.00	\$19,910.00	\$20,000.00	\$20,000.00
2	618	Computer Equipment	1.00	Allow.	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
3	619	Field Office	1.00	L.S.	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$10,000.00	\$10,000.00
<b>Waterloo Road Towpath Trail</b>												
4	201	Trees Removed, 18"	34.00	EACH	\$350.00	\$11,900.00	\$118.00	\$4,012.00	\$131.25	\$4,462.50	\$125.00	\$4,250.00
5	201	Trees Removed, 30"	7.00	EACH	\$800.00	\$5,600.00	\$430.00	\$3,010.00	\$525.00	\$3,675.00	\$500.00	\$3,500.00
6	201	Trees Removed, 48"	2.00	EACH	\$1,200.00	\$2,400.00	\$500.00	\$1,000.00	\$892.50	\$1,785.00	\$850.00	\$1,700.00
7	201	Stumps Removed, 30"	1.00	EACH	\$300.00	\$300.00	\$100.00	\$100.00	\$52.50	\$52.50	\$50.00	\$50.00
8	202	Bollards Removed	5.00	EACH	\$40.00	\$200.00	\$60.00	\$300.00	\$25.00	\$125.00	\$47.00	\$235.00
9	202	Signs and Posts Removed	1.00	EACH	\$350.00	\$350.00	\$50.00	\$50.00	\$25.00	\$25.00	\$23.25	\$23.25
10	202	Guardrail Removed	20.00	L.F.	\$10.00	\$200.00	\$25.00	\$500.00	\$25.00	\$500.00	\$23.25	\$465.00
11	203	Excavation Not Including Embankment Construction	1,470.00	C.Y.	\$25.00	\$36,750.00	\$15.00	\$22,050.00	\$55.75	\$81,952.50	\$33.00	\$48,510.00
12	203	Embankment	1,419.00	C.Y.	\$25.00	\$35,475.00	\$15.00	\$21,285.00	\$24.00	\$34,056.00	\$24.50	\$34,765.50
13	203	Subgrade Compaction	4,360.00	S.Y.	\$2.00	\$8,720.00	\$1.20	\$5,232.00	\$1.00	\$4,360.00	\$0.70	\$3,052.00
14	203	Proof Rolling	8.00	HOUR	\$50.00	\$400.00	\$100.00	\$800.00	\$84.00	\$672.00	\$70.00	\$560.00
15	203	Aggregate Refill, Type 1	740.00	C.Y.	\$45.00	\$33,300.00	\$43.00	\$31,820.00	\$63.00	\$46,620.00	\$80.00	\$59,200.00
16	203	Aggregate Refill, Type 2	80.00	C.Y.	\$50.00	\$4,000.00	\$65.00	\$5,200.00	\$36.00	\$2,880.00	\$55.00	\$4,400.00
17	207	Filter Fabric Fence	7,830.00	L.F.	\$2.50	\$19,575.00	\$2.00	\$15,660.00	\$2.20	\$17,226.00	\$3.50	\$27,405.00
18	301	4 inch Bituminous Aggregate Base	498.00	C.Y.	\$180.00	\$89,640.00	\$150.00	\$74,700.00	\$147.00	\$73,206.00	\$122.00	\$60,756.00
19	407	Tack Coat	452.00	GAL.	\$3.50	\$1,582.00	\$3.50	\$1,582.00	\$2.00	\$904.00	\$2.00	\$904.00
20	448	2 inch Asphalt Concrete Surface Course, Type 1	250.00	C.Y.	\$200.00	\$50,000.00	\$165.00	\$41,250.00	\$164.00	\$41,000.00	\$159.00	\$39,750.00
21	503	Cofferdams, Cribs and Sheeting	1.00	L.S.	\$50,000.00	\$50,000.00	\$30,000.00	\$30,000.00	\$81,514.00	\$81,514.00	\$67,000.00	\$67,000.00
22	507	14 inch Auger Cast Reinforced Concrete Piles	615.00	L.F.	\$100.00	\$61,500.00	\$80.00	\$49,200.00	\$43.00	\$26,445.00	\$40.00	\$24,600.00
23	509	Epoxy Coated Reinforcing Steel	6,727.00	LBS.	\$1.25	\$8,408.75	\$1.00	\$6,727.00	\$2.50	\$16,817.50	\$1.25	\$8,408.75
24	511	Class 'C' Concrete, as per plan	50.00	C.Y.	\$700.00	\$35,000.00	\$500.00	\$25,000.00	\$385.00	\$19,250.00	\$245.00	\$12,250.00
25	511	Class 'S' Concrete, as per plan	64.00	C.Y.	\$800.00	\$51,200.00	\$500.00	\$32,000.00	\$665.00	\$42,560.00	\$400.00	\$25,600.00
26	518	Porous Backfill	40.00	C.Y.	\$70.00	\$2,800.00	\$40.00	\$1,600.00	\$48.00	\$1,920.00	\$50.00	\$2,000.00
27	518	6 inch Perforated Corrugated Plastic Pipe	75.00	L.F.	\$12.00	\$900.00	\$20.00	\$1,500.00	\$1.00	\$75.00	\$10.00	\$750.00
28	562	Manhole Adjusted	1	EACH	\$1,500.00	\$1,500.00	\$150.00	\$150.00	\$265.00	\$265.00	\$350.00	\$350.00
29	609	Engineering Geogrid for Roadways	7,500.00	S.Y.	\$6.00	\$45,000.00	\$5.50	\$41,250.00	\$5.40	\$40,500.00	\$5.50	\$41,250.00
30	614	Maintaining Traffic	1.00	L.S.	\$4,000.00	\$4,000.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$8,000.00	\$8,000.00
31	616	Calcium Chloride	4.00	TONS	\$100.00	\$400.00	\$150.00	\$600.00	\$500.00	\$2,000.00	\$15.00	\$60.00
32	622	Monument, Adjusted	2.00	EACH	\$400.00	\$800.00	\$150.00	\$300.00	\$250.00	\$500.00	\$150.00	\$300.00
33	623	Construction Layout Stakes	1.00	L.S.	\$20,000.00	\$20,000.00	\$3,000.00	\$3,000.00	\$14,637.00	\$14,637.00	\$20,000.00	\$20,000.00
34	624	Mobilization	1.00	L.S.	\$25,000.00	\$25,000.00	\$5,000.00	\$5,000.00	\$26,550.00	\$26,550.00	\$30,000.00	\$30,000.00
35	626	Geotextile Fabric, Type Non-Woven	435.00	S.Y.	\$3.50	\$1,522.50	\$3.00	\$1,305.00	\$1.00	\$435.00	\$1.00	\$435.00
36	653	Topsoil Furnished & Placed, 4" Thick	1,473.00	S.Y.	\$6.00	\$8,838.00	\$3.00	\$4,419.00	\$3.00	\$4,419.00	\$3.35	\$4,934.55
37	653	Topsoil Furnished & Placed, 6" Thick	435.00	S.Y.	\$8.00	\$3,480.00	\$4.00	\$1,740.00	\$5.00	\$2,175.00	\$5.17	\$2,248.95
38	659	Lawn Seeding and Mulching	1,505.00	S.Y.	\$2.00	\$3,010.00	\$1.00	\$1,505.00	\$1.25	\$1,881.25	\$1.15	\$1,730.75
39	668	Seeding and Excelsior Matting	355.00	S.Y.	\$5.00	\$1,775.00	\$4.00	\$1,420.00	\$3.30	\$1,171.50	\$3.65	\$1,295.75
40	669	Protecting Trees	1.00	L.S.	\$2,000.00	\$2,000.00	\$300.00	\$300.00	\$500.00	\$500.00	\$3,000.00	\$3,000.00
41	SPEC	Pre-Engineered Bridge	1.00	EACH	\$275,000.00	\$275,000.00	\$295,000.00	\$295,000.00	\$172,872.00	\$172,872.00	\$250,000.00	\$250,000.00
42	SPEC	Trail Directional Sign	2.00	EACH	\$238.00	\$476.00	\$100.00	\$200.00	\$105.00	\$210.00	\$100.00	\$200.00
43	SPEC	Regulatory Signs	8.00	EACH	\$250.00	\$2,000.00	\$75.00	\$600.00	\$80.00	\$640.00	\$75.00	\$600.00
44	SPEC	Sign Posts	14.00	EACH	\$175.00	\$2,450.00	\$330.00	\$4,620.00	\$346.50	\$4,851.00	\$330.00	\$4,620.00

REF. NO.	ITEM NO.	DESCRIPTION	ENGINEER'S ESTIMATE		*4. Licursi Co. Inc.		*5. Workman Industrial Service		6. Karvo Paving Company			
			QTY.	UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
45	SPEC	Wayside Interpretative Signage	2.00	EACH	\$2,500.00	\$5,000.00	\$2,000.00	\$4,000.00	\$550.00	\$1,100.00	\$9,000.00	\$18,000.00
46	SPEC	Timber Railing	1,000.00	L.F.	\$28.00	\$28,000.00	\$25.00	\$25,000.00	\$34.00	\$34,000.00	\$28.36	\$28,360.00
47	SPEC	Collapsible Wood Bollards	2.00	EACH	\$800.00	\$1,600.00	\$1,000.00	\$2,000.00	\$1,034.25	\$2,068.50	\$985.00	\$1,970.00
48	SPEC	Wood Bollards	4.00	EACH	\$600.00	\$2,400.00	\$250.00	\$1,000.00	\$220.50	\$882.00	\$210.00	\$840.00
49	SPEC	Mile marker	1.00	EACH	\$600.00	\$600.00	\$1,500.00	\$1,500.00	\$1,358.50	\$1,358.50	\$1,235.00	\$1,235.00
50	SPEC	Lightweight Aggregate	805.00	C.Y.	\$110.00	\$88,550.00	\$40.00	\$32,200.00	\$62.00	\$49,910.00	\$58.00	\$46,690.00
51	SPEC	Environmental Remediation	1.00	Allow.	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00
<b>Wilbeth Road Trailhead</b>												
52	202	Bollards Removed	3.00	EACH	\$40.00	\$120.00	\$80.00	\$240.00	\$25.00	\$75.00	\$65.00	\$195.00
53	202	Signs and Posts Removed	3.00	EACH	\$350.00	\$1,050.00	\$80.00	\$240.00	\$25.00	\$75.00	\$22.00	\$66.00
54	202	Utility Pole Removed	3.00	EACH	\$200.00	\$600.00	\$300.00	\$900.00	\$150.00	\$450.00	\$150.00	\$450.00
55	202	Guardrail Removed	506.00	L.F.	\$1.00	\$506.00	\$12.00	\$6,072.00	\$5.00	\$2,530.00	\$2.75	\$1,391.50
56	203	Excavation Not Including Embankment Construction	35.00	C.Y.	\$50.00	\$1,750.00	\$30.00	\$1,050.00	\$5.00	\$175.00	\$65.00	\$2,275.00
57	203	Embankment	2,800.00	C.Y.	\$25.00	\$70,000.00	\$14.00	\$39,200.00	\$13.55	\$37,940.00	\$14.50	\$40,600.00
58	203	Subgrade Compaction	2,900.00	S.Y.	\$2.00	\$5,800.00	\$1.00	\$2,900.00	\$1.00	\$2,900.00	\$0.70	\$2,030.00
59	203	Proof Rolling	7.00	HOUR	\$50.00	\$350.00	\$150.00	\$1,050.00	\$84.00	\$588.00	\$70.00	\$490.00
60	203	Aggregate Refill, Type 1	622.00	C.Y.	\$45.00	\$27,990.00	\$43.00	\$26,746.00	\$36.00	\$22,392.00	\$36.00	\$22,392.00
61	207	Filter Fabric Fence	325.00	L.F.	\$2.50	\$812.50	\$3.00	\$975.00	\$2.20	\$715.00	\$3.50	\$1,137.50
62	252	Trenches for Water Services in Earth, as per plan	250.00	L.F.	\$30.00	\$7,500.00	\$30.00	\$7,500.00	\$12.00	\$3,000.00	\$11.00	\$2,750.00
63	253	Boring for Water Services	60	L.F.	\$30.00	\$1,800.00	\$100.00	\$6,000.00	\$30.00	\$1,800.00	\$25.00	\$1,500.00
64	301	4-3/4 inch Bituminous Aggregate Base	500.00	C.Y.	\$180.00	\$90,000.00	\$140.00	\$70,000.00	\$126.00	\$63,000.00	\$111.00	\$55,500.00
65	305	8 inch Portland Cement Concrete Base	80	S.Y.	\$50.00	\$4,000.00	\$55.00	\$4,400.00	\$81.50	\$6,520.00	\$33.00	\$2,640.00
66	407	Tack Coat	335.00	GAL.	\$3.50	\$1,172.50	\$3.00	\$1,005.00	\$2.00	\$670.00	\$2.00	\$670.00
67	448	1-1/4 inch Asphalt Concrete Surface Course, Type 1	140.00	C.Y.	\$200.00	\$28,000.00	\$170.00	\$23,800.00	\$154.00	\$21,560.00	\$145.00	\$20,300.00
68	455	Curb, Type 6" X 18"	1,674.00	L.F.	\$18.00	\$30,132.00	\$13.00	\$21,762.00	\$18.25	\$30,550.50	\$10.50	\$17,577.00
69	456	Concrete Walk, 6 inches Thick	2,400.00	S.F.	\$5.00	\$12,000.00	\$5.00	\$12,000.00	\$6.25	\$15,000.00	\$3.70	\$8,880.00
70	456	Concrete Walk, 8 inches Thick	320.00	S.F.	\$6.00	\$1,920.00	\$6.00	\$1,920.00	\$7.15	\$2,288.00	\$5.00	\$1,600.00
71	456	Concrete Driveway Reconstruction, 8 inches Thick	1,600.00	S.F.	\$6.00	\$9,600.00	\$6.00	\$9,600.00	\$7.59	\$12,144.00	\$5.40	\$8,640.00
72	456	Concrete Aprons, 8 inches Thick	380.00	S.F.	\$6.00	\$2,280.00	\$6.00	\$2,280.00	\$5.00	\$1,900.00	\$7.00	\$2,660.00
73	457	Concrete Median	20	S.Y.	\$40.00	\$800.00	\$160.00	\$3,200.00	\$205.00	\$4,100.00	\$93.00	\$1,860.00
74	552	12 inch Storm Sewer, Type RCP, Class 'B' Bedding	140.00	L.F.	\$40.00	\$5,600.00	\$28.00	\$3,920.00	\$63.00	\$8,820.00	\$45.00	\$6,300.00
75	561	Manhole Frame and Beehive Grate Cover	1.00	EACH	\$500.00	\$500.00	\$500.00	\$500.00	\$300.00	\$300.00	\$325.00	\$325.00
76	562	Manhole MH-2A Slab top on Storm Sewer	1.00	EACH	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,550.00	\$1,550.00	\$1,500.00	\$1,500.00
77	564	4 inch Pipe Underdrains	160.00	L.F.	\$6.00	\$960.00	\$4.00	\$640.00	\$1.00	\$160.00	\$13.00	\$2,080.00
78	601	Rock Channel Protection, Type 'C'	12.00	C.Y.	\$200.00	\$2,400.00	\$125.00	\$1,500.00	\$75.00	\$900.00	\$85.00	\$1,020.00
79	602	Concrete Masonry - Headwall, as per plan	1.00	C.Y.	\$9,000.00	\$9,000.00	\$2,200.00	\$2,200.00	\$338.00	\$338.00	\$500.00	\$500.00
80	603	Limestone, #57	65.00	C.Y.	\$50.00	\$3,250.00	\$40.00	\$2,600.00	\$50.00	\$3,250.00	\$38.00	\$2,470.00
81	609	Engineering Geogrid for Roadways	4,000.00	S.Y.	\$6.00	\$24,000.00	\$6.00	\$24,000.00	\$5.40	\$21,600.00	\$5.10	\$20,400.00
82	614	Maintaining Traffic	1.00	L.S.	\$10,000.00	\$10,000.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$8,000.00	\$8,000.00
83	616	Calcium Chloride	5.00	TONS	\$50.00	\$250.00	\$200.00	\$1,000.00	\$500.00	\$2,500.00	\$15.00	\$75.00
84	621	Parking Lot Stall Marking	1,600.00	L.F.	\$1.50	\$2,400.00	\$0.40	\$640.00	\$0.53	\$848.00	\$0.35	\$560.00
85	621	Accessible symbol marking	4.00	EACH	\$200.00	\$800.00	\$75.00	\$300.00	\$26.25	\$105.00	\$35.00	\$140.00
86	623	Construction Layout Stakes	1.00	L.S.	\$8,000.00	\$8,000.00	\$4,000.00	\$4,000.00	\$3,950.00	\$3,950.00	\$8,500.00	\$8,500.00
87	624	Mobilization	1.00	L.S.	\$6,000.00	\$6,000.00	\$3,000.00	\$3,000.00	\$4,500.00	\$4,500.00	\$30,000.00	\$30,000.00
88	626	Geotextile Fabric, Type Non-Woven	180.00	S.Y.	\$3.50	\$630.00	\$6.00	\$1,080.00	\$1.00	\$180.00	\$1.25	\$225.00
89	630	Traffic Sign - Type R7-8 "reserved parking"	4.00	EACH	\$100.00	\$400.00	\$150.00	\$600.00	\$200.00	\$800.00	\$115.00	\$460.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*4. Licursi Co. Inc.		*5. Workman Industrial Service		6. Karvo Paving Company	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
90	630	Traffic Sign - Type R7-H8B "\$250 fine minimum	4.00	EACH	\$100.00	\$400.00	\$25.00	\$100.00	\$200.00	\$800.00	\$15.00	\$60.00
91	630	Traffic Sign - Type R7-8A, "van accessible"	4.00	EACH	\$100.00	\$400.00	\$25.00	\$100.00	\$200.00	\$800.00	\$15.00	\$60.00
92	630	Traffic Sign - Type A	2.00	EACH	\$180.00	\$360.00	\$60.00	\$120.00	\$200.00	\$400.00	\$45.00	\$90.00
93	630	Traffic Sign - Type B, as per plan	1.00	EACH	\$300.00	\$300.00	\$250.00	\$250.00	\$200.00	\$200.00	\$195.00	\$195.00
94	630	Traffic Sign - Type C, as per plan	1.00	EACH	\$2,000.00	\$2,000.00	\$750.00	\$750.00	\$200.00	\$200.00	\$645.00	\$645.00
95	653	Topsoil Furnished & Placed, 4" Thick	2,967.00	S.Y.	\$6.00	\$17,802.00	\$3.00	\$8,901.00	\$3.00	\$8,901.00	\$3.35	\$9,939.45
96	653	Topsoil Furnished & Placed, as per plan	180.00	C.Y.	\$20.00	\$3,600.00	\$40.00	\$7,200.00	\$34.00	\$6,120.00	\$29.00	\$5,220.00
97	659	Lawn Seeding and Mulching	2,300.00	S.Y.	\$2.00	\$4,600.00	\$1.00	\$2,300.00	\$1.25	\$2,875.00	\$1.15	\$2,645.00
98	660	Sodding	667.00	S.Y.	\$7.00	\$4,669.00	\$5.00	\$3,335.00	\$4.00	\$2,668.00	\$8.35	\$5,569.45
99	662	Mulch, 3" Thick	16.00	C.Y.	\$50.00	\$800.00	\$40.00	\$640.00	\$35.00	\$560.00	\$40.00	\$640.00
100	662	Planting Shrubs, 'Raspberry Tart Viburnum'	31.00	EACH	\$45.00	\$1,395.00	\$20.00	\$620.00	\$42.00	\$1,302.00	\$54.00	\$1,674.00
101	662	Planting Shrubs, 'Dart's Golden Ninebark'	76.00	EACH	\$35.00	\$2,660.00	\$15.00	\$1,140.00	\$47.00	\$3,572.00	\$57.00	\$4,332.00
102	663	Tree Planting in Lawn Area, 'American Sycamore'	12.00	EACH	\$375.00	\$4,500.00	\$350.00	\$4,200.00	\$385.00	\$4,620.00	\$550.00	\$6,600.00
103	663	Tree Planting in Lawn Area, 'American Yellowwood'	9.00	EACH	\$312.00	\$2,808.00	\$350.00	\$3,150.00	\$412.50	\$3,712.50	\$544.00	\$4,896.00
104	663	Tree Planting in Lawn Area, 'Valley Forge American Elm'	9.00	EACH	\$512.00	\$4,608.00	\$350.00	\$3,150.00	\$412.50	\$3,712.50	\$500.00	\$4,500.00
105	663	Tree Planting in Lawn Area, 'Rejoice Crabapple'	6.00	EACH	\$327.00	\$1,962.00	\$225.00	\$1,350.00	\$275.00	\$1,650.00	\$275.00	\$1,650.00
106	669	Protecting Trees	1.00	L.S.	\$500.00	\$500.00	\$600.00	\$600.00	\$498.75	\$498.75	\$800.00	\$800.00
107	SPEC	Regulatory Signs	2.00	EACH	\$250.00	\$500.00	\$150.00	\$300.00	\$80.00	\$160.00	\$75.00	\$150.00
108	SPEC	Sign Posts	6.00	EACH	\$175.00	\$1,050.00	\$350.00	\$2,100.00	\$346.50	\$2,079.00	\$330.00	\$1,980.00
109	SPEC	Collapsible Wood Bollards	2.00	EACH	\$800.00	\$1,600.00	\$1,050.00	\$2,100.00	\$1,034.25	\$2,068.50	\$985.00	\$1,970.00
110	SPEC	Wood Bollards	5.00	EACH	\$600.00	\$3,000.00	\$240.00	\$1,200.00	\$220.50	\$1,102.50	\$210.00	\$1,050.00
111	SPEC	Trash Receptacle	1.00	EACH	\$1,950.00	\$1,950.00	\$1,800.00	\$1,800.00	\$1,500.00	\$1,500.00	\$1,800.00	\$1,800.00
112	SPEC	Site Improvement, Wood and Stone Bench	2.00	EACH	\$1,400.00	\$2,800.00	\$2,250.00	\$4,500.00	\$1,775.00	\$3,550.00	\$1,925.00	\$3,850.00
113	SPEC	Site Improvement, Bike Rack	1.00	EACH	\$350.00	\$350.00	\$2,000.00	\$2,000.00	\$1,870.00	\$1,870.00	\$1,700.00	\$1,700.00
114	SPEC	Trailhead Entry Sign	2.00	EACH	\$500.00	\$1,000.00	\$9,000.00	\$18,000.00	\$8,795.00	\$17,590.00	\$7,995.00	\$15,990.00
115	SPEC	Sand, 2" Thick	180.00	S.Y.	\$2.50	\$450.00	\$7.00	\$1,260.00	\$4.00	\$720.00	\$3.40	\$612.00
116	SPEC	Pea Gravel, 2" Thick	180.00	S.Y.	\$3.00	\$540.00	\$7.00	\$1,260.00	\$4.00	\$720.00	\$4.40	\$792.00
117	SPEC	Concrete Grid Pavement	80.00	S.Y.	\$60.00	\$4,800.00	\$55.00	\$4,400.00	\$176.00	\$14,080.00	\$93.00	\$7,440.00
118	SPEC	Drinking Fountain	1.00	EACH	\$6,000.00	\$6,000.00	\$4,000.00	\$4,000.00	\$3,680.00	\$3,680.00	\$4,600.00	\$4,600.00
119	SPEC	Kiosk	1.00	EACH	\$8,000.00	\$8,000.00	\$6,000.00	\$6,000.00	\$10,803.00	\$10,803.00	\$7,000.00	\$7,000.00
120	SPEC	Pre-cast Concrete Restroom Facility	1.00	EACH	\$75,000.00	\$75,000.00	\$35,000.00	\$35,000.00	\$33,038.00	\$33,038.00	\$37,000.00	\$37,000.00

TOTAL CONSTRUCTION COSTS \$1,632,879.25 \$1,298,440.00 \$1,348,645.00 \$1,383,863.40

+/- ENGINEER'S ESTIMATE -20.5% -17.4% -15.3%

\*2 - Ruhlin - Federally Required EEO Certification Page 1 – appropriate phrase not circled

\*3 - Wolf Creek - Federal DBE/Data Participation Documentation not completed

\*4 - Licursui Co. -Ref. #66 – extended amount incorrect in bid book  
 Unofficial construction cost incorrect Federal DBE/Data Participation Documentation not completed ODOT's 2005 LPA Template not signed

BID TAB FOR: Waterloo Road Towpath Trail

FILE NO. 2005-060-00

BID DATE: January 6, 2009

CODE: B05020.B05020

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*4. Licursi Co. Inc.		*5. Workman Industrial Service		6. Karvo Paving Company	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT

\*5 - Workman - Ref #45 Correction neither initialed nor dated, Federal DBE/Data Participation Documentation not completed, Federally Required EEO Certification page 1 - Appropriate phrase not circled, ODOT's 2005 LPA Template not signed.

\*7 - Lockhart - Federal DBD/Data Participation Documentation not completed, Certification of Non-segregated Facilities not signed, Federally Required EEO Certification Page 1 - appropriate phrase not circled, ODOT's 2005 LPA Template not signed.

\*9 - Ohio Paving - Ref #112 - extended amount incorrect in bid book, Unofficial construction cost incorrect.

\*10 - F Buddie - ODOT's 2005 LPA Template not signed

\*11 - Fechko Excavating - Ref. #95 extended amount incorrect in bid book, Unofficial construction cost incorrect, Bid bond amount left blank

\*12 - Precision Eng - Ref. #'s 21, 58 and 59 - correction initialed but not dated, Federally Required EEO Certification Page 1 - appropriate phrase not circled

\*13 - Delta Asphalt - Ref #'s 22, and 41 - corrections neither initialed not dated, Ref #114 extended amount incorrect in bid book, Unofficial construction cost incorrect, Federal DBA./Data Participation Documentation not completed. Certification of Non-segregated Facilities not signed, Federally Required EEO Certification page 1 - appropriate phrase not circled. ODOT's 2005 LPA Template not signed.

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*7. Lockhart Concrete co.		8. J. D. Williamson Const.		*9. Ohio Paving & Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
<b>Common Items</b>												
1	103.05	Contract Performance Bond	1.00	L.S.	\$16,000.00	\$16,000.00	\$40,000.00	\$40,000.00	\$15,000.00	\$15,000.00	\$44,770.00	\$44,770.00
2	618	Computer Equipment	1.00	Allow.	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
3	619	Field Office	1.00	L.S.	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00	\$15,000.00	\$15,000.00	\$6,500.00	\$6,500.00
<b>Waterloo Road Towpath Trail</b>												
4	201	Trees Removed, 18"	34.00	EACH	\$350.00	\$11,900.00	\$100.00	\$3,400.00	\$120.00	\$4,080.00	\$120.00	\$4,080.00
5	201	Trees Removed, 30"	7.00	EACH	\$800.00	\$5,600.00	\$300.00	\$2,100.00	\$400.00	\$2,800.00	\$375.00	\$2,625.00
6	201	Trees Removed, 48"	2.00	EACH	\$1,200.00	\$2,400.00	\$700.00	\$1,400.00	\$850.00	\$1,700.00	\$858.00	\$1,716.00
7	201	Stumps Removed, 30"	1.00	EACH	\$300.00	\$300.00	\$200.00	\$200.00	\$100.00	\$100.00	\$88.00	\$88.00
8	202	Bollards Removed	5.00	EACH	\$40.00	\$200.00	\$5.00	\$25.00	\$60.00	\$300.00	\$85.00	\$425.00
9	202	Signs and Posts Removed	1.00	EACH	\$350.00	\$350.00	\$5.00	\$5.00	\$25.00	\$25.00	\$85.00	\$85.00
10	202	Guardrail Removed	20.00	L.F.	\$10.00	\$200.00	\$2.00	\$40.00	\$2.00	\$40.00	\$3.00	\$60.00
11	203	Excavation Not Including Embankment Construction	1,470.00	C.Y.	\$25.00	\$36,750.00	\$15.00	\$22,050.00	\$20.00	\$29,400.00	\$7.00	\$10,290.00
12	203	Embankment	1,419.00	C.Y.	\$25.00	\$35,475.00	\$15.00	\$21,285.00	\$12.00	\$17,028.00	\$15.00	\$21,285.00
13	203	Subgrade Compaction	4,360.00	S.Y.	\$2.00	\$8,720.00	\$1.00	\$4,360.00	\$3.00	\$13,080.00	\$0.50	\$2,180.00
14	203	Proof Rolling	8.00	HOUR	\$50.00	\$400.00	\$75.00	\$600.00	\$210.00	\$1,680.00	\$65.00	\$520.00
15	203	Aggregate Refill, Type 1	740.00	C.Y.	\$45.00	\$33,300.00	\$35.00	\$25,900.00	\$50.00	\$37,000.00	\$55.00	\$40,700.00
16	203	Aggregate Refill, Type 2	80.00	C.Y.	\$50.00	\$4,000.00	\$35.00	\$2,800.00	\$60.00	\$4,800.00	\$60.00	\$4,800.00
17	207	Filter Fabric Fence	7,830.00	L.F.	\$2.50	\$19,575.00	\$2.00	\$15,660.00	\$3.00	\$23,490.00	\$2.50	\$19,575.00
18	301	4 inch Bituminous Aggregate Base	498.00	C.Y.	\$180.00	\$89,640.00	\$132.00	\$65,736.00	\$116.00	\$57,768.00	\$157.00	\$78,186.00
19	407	Tack Coat	452.00	GAL.	\$3.50	\$1,582.00	\$2.00	\$904.00	\$2.00	\$904.00	\$2.50	\$1,130.00
20	448	2 inch Asphalt Concrete Surface Course, Type 1	250.00	C.Y.	\$200.00	\$50,000.00	\$147.00	\$36,750.00	\$152.00	\$38,000.00	\$194.00	\$48,500.00
21	503	Cofferdams, Cribs and Sheeting	1.00	L.S.	\$50,000.00	\$50,000.00	\$38,700.00	\$38,700.00	\$45,000.00	\$45,000.00	\$68,728.00	\$68,728.00
22	507	14 inch Auger Cast Reinforced Concrete Piles	615.00	L.F.	\$100.00	\$61,500.00	\$70.00	\$43,050.00	\$100.00	\$61,500.00	\$108.00	\$66,420.00
23	509	Epoxy Coated Reinforcing Steel	6,727.00	LBS.	\$1.25	\$8,408.75	\$1.50	\$10,090.50	\$1.30	\$8,745.10	\$2.21	\$14,866.67
24	511	Class 'C' Concrete, as per plan	50.00	C.Y.	\$700.00	\$35,000.00	\$516.00	\$25,800.00	\$250.00	\$12,500.00	\$1,374.00	\$68,700.00
25	511	Class 'S' Concrete, as per plan	64.00	C.Y.	\$800.00	\$51,200.00	\$774.00	\$49,536.00	\$600.00	\$38,400.00	\$1,251.00	\$80,064.00
26	518	Porous Backfill	40.00	C.Y.	\$70.00	\$2,800.00	\$25.00	\$1,000.00	\$56.00	\$2,240.00	\$100.00	\$4,000.00
27	518	6 inch Perforated Corrugated Plastic Pipe	75.00	L.F.	\$12.00	\$900.00	\$5.00	\$375.00	\$13.00	\$975.00	\$30.00	\$2,250.00
28	562	Manhole Adjusted	1	EACH	\$1,500.00	\$1,500.00	\$300.00	\$300.00	\$350.00	\$350.00	\$1,500.00	\$1,500.00
29	609	Engineering Geogrid for Roadways	7,500.00	S.Y.	\$6.00	\$45,000.00	\$6.00	\$45,000.00	\$7.25	\$54,375.00	\$5.30	\$39,750.00
30	614	Maintaining Traffic	1.00	L.S.	\$4,000.00	\$4,000.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
31	616	Calcium Chloride	4.00	TONS	\$100.00	\$400.00	\$500.00	\$2,000.00	\$150.00	\$600.00	\$200.00	\$800.00
32	622	Monument, Adjusted	2.00	EACH	\$400.00	\$800.00	\$200.00	\$400.00	\$225.00	\$450.00	\$300.00	\$600.00
33	623	Construction Layout Stakes	1.00	L.S.	\$20,000.00	\$20,000.00	\$38,700.00	\$38,700.00	\$30,000.00	\$30,000.00	\$14,000.00	\$14,000.00
34	624	Mobilization	1.00	L.S.	\$25,000.00	\$25,000.00	\$38,700.00	\$38,700.00	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00
35	626	Geotextile Fabric, Type Non-Woven	435.00	S.Y.	\$3.50	\$1,522.50	\$3.00	\$1,305.00	\$4.00	\$1,740.00	\$2.50	\$1,087.50
36	653	Topsoil Furnished & Placed, 4" Thick	1,473.00	S.Y.	\$6.00	\$8,838.00	\$2.75	\$4,050.75	\$3.25	\$4,787.25	\$3.30	\$4,860.90
37	653	Topsoil Furnished & Placed, 6" Thick	435.00	S.Y.	\$8.00	\$3,480.00	\$4.50	\$1,957.50	\$5.00	\$2,175.00	\$5.12	\$2,227.20
38	659	Lawn Seeding and Mulching	1,505.00	S.Y.	\$2.00	\$3,010.00	\$1.60	\$2,408.00	\$1.30	\$1,956.50	\$1.25	\$1,881.25
39	668	Seeding and Excelsior Matting	355.00	S.Y.	\$5.00	\$1,775.00	\$2.75	\$976.25	\$3.50	\$1,242.50	\$3.30	\$1,171.50
40	669	Protecting Trees	1.00	L.S.	\$2,000.00	\$2,000.00	\$250.00	\$250.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00
41	SPEC	Pre-Engineered Bridge	1.00	EACH	\$275,000.00	\$275,000.00	\$312,000.00	\$312,000.00	\$224,000.00	\$224,000.00	\$154,000.00	\$154,000.00
42	SPEC	Trail Directional Sign	2.00	EACH	\$238.00	\$476.00	\$100.00	\$200.00	\$400.00	\$800.00	\$110.00	\$220.00
43	SPEC	Regulatory Signs	8.00	EACH	\$250.00	\$2,000.00	\$75.00	\$600.00	\$100.00	\$800.00	\$100.00	\$800.00
44	SPEC	Sign Posts	14.00	EACH	\$175.00	\$2,450.00	\$330.00	\$4,620.00	\$300.00	\$4,200.00	\$176.00	\$2,464.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*7. Lockhart Concrete co.		8. J. D. Williamson Const.		*9. Ohio Paving & Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
45	SPEC	Wayside Interpretative Signage	2.00	EACH	\$2,500.00	\$5,000.00	\$1,000.00	\$2,000.00	\$2,500.00	\$5,000.00	\$2,000.00	\$4,000.00
46	SPEC	Timber Railing	1,000.00	L.F.	\$28.00	\$28,000.00	\$22.60	\$22,600.00	\$33.00	\$33,000.00	\$27.50	\$27,500.00
47	SPEC	Collapsible Wood Bollards	2.00	EACH	\$800.00	\$1,600.00	\$985.00	\$1,970.00	\$500.00	\$1,000.00	\$660.00	\$1,320.00
48	SPEC	Wood Bollards	4.00	EACH	\$600.00	\$2,400.00	\$210.00	\$840.00	\$225.00	\$900.00	\$176.00	\$704.00
49	SPEC	Mile marker	1.00	EACH	\$600.00	\$600.00	\$1,235.00	\$1,235.00	\$1,300.00	\$1,300.00	\$1,360.00	\$1,360.00
50	SPEC	Lightweight Aggregate	805.00	C.Y.	\$110.00	\$88,550.00	\$50.00	\$40,250.00	\$65.00	\$52,325.00	\$65.00	\$52,325.00
51	SPEC	Environmental Remediation	1.00	Allow.	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00
<b>Wilbeth Road Trailhead</b>												
52	202	Bollards Removed	3.00	EACH	\$40.00	\$120.00	\$5.00	\$15.00	\$100.00	\$300.00	\$85.00	\$255.00
53	202	Signs and Posts Removed	3.00	EACH	\$350.00	\$1,050.00	\$5.00	\$15.00	\$100.00	\$300.00	\$85.00	\$255.00
54	202	Utility Pole Removed	3.00	EACH	\$200.00	\$600.00	\$5.00	\$15.00	\$150.00	\$450.00	\$1,000.00	\$3,000.00
55	202	Guardrail Removed	506.00	L.F.	\$1.00	\$506.00	\$2.00	\$1,012.00	\$2.00	\$1,012.00	\$2.75	\$1,391.50
56	203	Excavation Not Including Embankment Construction	35.00	C.Y.	\$50.00	\$1,750.00	\$15.00	\$525.00	\$25.00	\$875.00	\$7.00	\$245.00
57	203	Embankment	2,800.00	C.Y.	\$25.00	\$70,000.00	\$15.00	\$42,000.00	\$25.00	\$70,000.00	\$15.00	\$42,000.00
58	203	Subgrade Compaction	2,900.00	S.Y.	\$2.00	\$5,800.00	\$1.00	\$2,900.00	\$3.50	\$10,150.00	\$0.50	\$1,450.00
59	203	Proof Rolling	7.00	HOUR	\$50.00	\$350.00	\$75.00	\$525.00	\$210.00	\$1,470.00	\$65.00	\$455.00
60	203	Aggregate Refill, Type 1	622.00	C.Y.	\$45.00	\$27,990.00	\$35.00	\$21,770.00	\$55.00	\$34,210.00	\$55.00	\$34,210.00
61	207	Filter Fabric Fence	325.00	L.F.	\$2.50	\$812.50	\$2.00	\$650.00	\$3.00	\$975.00	\$2.50	\$812.50
62	252	Trenches for Water Services in Earth, as per plan	250.00	L.F.	\$30.00	\$7,500.00	\$5.00	\$1,250.00	\$25.00	\$6,250.00	\$35.00	\$8,750.00
63	253	Boring for Water Services	60	L.F.	\$30.00	\$1,800.00	\$30.00	\$1,800.00	\$50.00	\$3,000.00	\$35.00	\$2,100.00
64	301	4-3/4 inch Bituminous Aggregate Base	500.00	C.Y.	\$180.00	\$90,000.00	\$121.00	\$60,500.00	\$95.00	\$47,500.00	\$160.00	\$80,000.00
65	305	8 inch Portland Cement Concrete Base	80	S.Y.	\$50.00	\$4,000.00	\$40.00	\$3,200.00	\$75.00	\$6,000.00	\$85.25	\$6,820.00
66	407	Tack Coat	335.00	GAL.	\$3.50	\$1,172.50	\$2.00	\$670.00	\$2.00	\$670.00	\$2.50	\$837.50
67	448	1-1/4 inch Asphalt Concrete Surface Course, Type 1	140.00	C.Y.	\$200.00	\$28,000.00	\$152.00	\$21,280.00	\$142.00	\$19,880.00	\$173.00	\$24,220.00
68	455	Curb, Type 6" X 18"	1,674.00	L.F.	\$18.00	\$30,132.00	\$10.00	\$16,740.00	\$25.00	\$41,850.00	\$12.00	\$20,088.00
69	456	Concrete Walk, 6 inches Thick	2,400.00	S.F.	\$5.00	\$12,000.00	\$5.00	\$12,000.00	\$5.70	\$13,680.00	\$5.20	\$12,480.00
70	456	Concrete Walk, 8 inches Thick	320.00	S.F.	\$6.00	\$1,920.00	\$6.00	\$1,920.00	\$8.65	\$2,768.00	\$5.75	\$1,840.00
71	456	Concrete Driveway Reconstruction, 8 inches Thick	1,600.00	S.F.	\$6.00	\$9,600.00	\$6.00	\$9,600.00	\$6.50	\$10,400.00	\$5.75	\$9,200.00
72	456	Concrete Aprons, 8 inches Thick	380.00	S.F.	\$6.00	\$2,280.00	\$6.00	\$2,280.00	\$6.75	\$2,565.00	\$10.45	\$3,971.00
73	457	Concrete Median	20	S.Y.	\$40.00	\$800.00	\$76.00	\$1,520.00	\$130.00	\$2,600.00	\$95.00	\$1,900.00
74	552	12 inch Storm Sewer, Type RCP, Class 'B' Bedding	140.00	L.F.	\$40.00	\$5,600.00	\$40.00	\$5,600.00	\$58.00	\$8,120.00	\$60.00	\$8,400.00
75	561	Manhole Frame and Beehive Grate Cover	1.00	EACH	\$500.00	\$500.00	\$350.00	\$350.00	\$335.00	\$335.00	\$1,200.00	\$1,200.00
76	562	Manhole MH-2A Slab top on Storm Sewer	1.00	EACH	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$4,800.00	\$4,800.00
77	564	4 inch Pipe Underdrains	160.00	L.F.	\$6.00	\$960.00	\$6.00	\$960.00	\$9.00	\$1,440.00	\$12.00	\$1,920.00
78	601	Rock Channel Protection, Type 'C'	12.00	C.Y.	\$200.00	\$2,400.00	\$60.00	\$720.00	\$130.00	\$1,560.00	\$150.00	\$1,800.00
79	602	Concrete Masonry - Headwall, as per plan	1.00	C.Y.	\$9,000.00	\$9,000.00	\$600.00	\$600.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
80	603	Limestone, #57	65.00	C.Y.	\$50.00	\$3,250.00	\$45.00	\$2,925.00	\$38.00	\$2,470.00	\$80.00	\$5,200.00
81	609	Engineering Geogrid for Roadways	4,000.00	S.Y.	\$6.00	\$24,000.00	\$6.00	\$24,000.00	\$6.70	\$26,800.00	\$5.25	\$21,000.00
82	614	Maintaining Traffic	1.00	L.S.	\$10,000.00	\$10,000.00	\$1,000.00	\$1,000.00	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00
83	616	Calcium Chloride	5.00	TONS	\$50.00	\$250.00	\$500.00	\$2,500.00	\$150.00	\$750.00	\$200.00	\$1,000.00
84	621	Parking Lot Stall Marking	1,600.00	L.F.	\$1.50	\$2,400.00	\$0.35	\$560.00	\$0.55	\$880.00	\$1.75	\$2,800.00
85	621	Accessible symbol marking	4.00	EACH	\$200.00	\$800.00	\$12.50	\$50.00	\$50.00	\$200.00	\$35.00	\$140.00
86	623	Construction Layout Stakes	1.00	L.S.	\$8,000.00	\$8,000.00	\$13,000.00	\$13,000.00	\$15,000.00	\$15,000.00	\$3,800.00	\$3,800.00
87	624	Mobilization	1.00	L.S.	\$6,000.00	\$6,000.00	\$6,400.00	\$6,400.00	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00
88	626	Geotextile Fabric, Type Non-Woven	180.00	S.Y.	\$3.50	\$630.00	\$3.00	\$540.00	\$2.00	\$360.00	\$9.00	\$1,620.00
89	630	Traffic Sign - Type R7-8 "reserved parking"	4.00	EACH	\$100.00	\$400.00	\$110.00	\$440.00	\$100.00	\$400.00	\$150.00	\$600.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*7. Lockhart Concrete co.		8. J. D. Williamson Const.		*9. Ohio Paving & Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
90	630	Traffic Sign - Type R7-H8B "\$250 fine minimum	4.00	EACH	\$100.00	\$400.00	\$12.50	\$50.00	\$75.00	\$300.00	\$50.00	\$200.00
91	630	Traffic Sign - Type R7-8A, "van accessible"	4.00	EACH	\$100.00	\$400.00	\$12.50	\$50.00	\$75.00	\$300.00	\$50.00	\$200.00
92	630	Traffic Sign - Type A	2.00	EACH	\$180.00	\$360.00	\$40.00	\$80.00	\$300.00	\$600.00	\$75.00	\$150.00
93	630	Traffic Sign - Type B, as per plan	1.00	EACH	\$300.00	\$300.00	\$185.00	\$185.00	\$350.00	\$350.00	\$220.00	\$220.00
94	630	Traffic Sign - Type C, as per plan	1.00	EACH	\$2,000.00	\$2,000.00	\$630.00	\$630.00	\$1,000.00	\$1,000.00	\$709.00	\$709.00
95	653	Topsoil Furnished & Placed, 4" Thick	2,967.00	S.Y.	\$6.00	\$17,802.00	\$2.75	\$8,159.25	\$3.25	\$9,642.75	\$3.30	\$9,791.10
96	653	Topsoil Furnished & Placed, as per plan	180.00	C.Y.	\$20.00	\$3,600.00	\$24.00	\$4,320.00	\$30.00	\$5,400.00	\$29.70	\$5,346.00
97	659	Lawn Seeding and Mulching	2,300.00	S.Y.	\$2.00	\$4,600.00	\$1.15	\$2,645.00	\$1.30	\$2,990.00	\$1.25	\$2,875.00
98	660	Sodding	667.00	S.Y.	\$7.00	\$4,669.00	\$3.25	\$2,167.75	\$4.00	\$2,668.00	\$3.85	\$2,567.95
99	662	Mulch, 3" Thick	16.00	C.Y.	\$50.00	\$800.00	\$27.00	\$432.00	\$33.50	\$536.00	\$35.20	\$563.20
100	662	Planting Shrubs, 'Raspberry Tart Viburnum'	31.00	EACH	\$45.00	\$1,395.00	\$35.00	\$1,085.00	\$40.00	\$1,240.00	\$35.20	\$1,091.20
101	662	Planting Shrubs, 'Dart's Golden Ninebark'	76.00	EACH	\$35.00	\$2,660.00	\$40.00	\$3,040.00	\$45.00	\$3,420.00	\$41.80	\$3,176.80
102	663	Tree Planting in Lawn Area, 'American Sycamore'	12.00	EACH	\$375.00	\$4,500.00	\$325.00	\$3,900.00	\$367.00	\$4,404.00	\$385.00	\$4,620.00
103	663	Tree Planting in Lawn Area, 'American Yellowwood'	9.00	EACH	\$312.00	\$2,808.00	\$350.00	\$3,150.00	\$395.00	\$3,555.00	\$451.00	\$4,059.00
		Tree Planting in Lawn Area, 'Valley Forge American										
104	663	Elm'	9.00	EACH	\$512.00	\$4,608.00	\$350.00	\$3,150.00	\$395.00	\$3,555.00	\$451.00	\$4,059.00
105	663	Tree Planting in Lawn Area, 'Rejoice Crabapple'	6.00	EACH	\$327.00	\$1,962.00	\$225.00	\$1,350.00	\$265.00	\$1,590.00	\$275.00	\$1,650.00
106	669	Protecting Trees	1.00	L.S.	\$500.00	\$500.00	\$250.00	\$250.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00
107	SPEC	Regulatory Signs	2.00	EACH	\$250.00	\$500.00	\$65.00	\$130.00	\$80.00	\$160.00	\$100.00	\$200.00
108	SPEC	Sign Posts	6.00	EACH	\$175.00	\$1,050.00	\$325.00	\$1,950.00	\$300.00	\$1,800.00	\$363.00	\$2,178.00
109	SPEC	Collapsible Wood Bollards	2.00	EACH	\$800.00	\$1,600.00	\$970.00	\$1,940.00	\$725.00	\$1,450.00	\$660.00	\$1,320.00
110	SPEC	Wood Bollards	5.00	EACH	\$600.00	\$3,000.00	\$200.00	\$1,000.00	\$225.00	\$1,125.00	\$231.00	\$1,155.00
111	SPEC	Trash Receptacle	1.00	EACH	\$1,950.00	\$1,950.00	\$2,000.00	\$2,000.00	\$1,800.00	\$1,800.00	\$2,500.00	\$2,500.00
112	SPEC	Site Improvement, Wood and Stone Bench	2.00	EACH	\$1,400.00	\$2,800.00	\$1,000.00	\$2,000.00	\$2,000.00	\$4,000.00	\$1,900.00	\$3,800.00
113	SPEC	Site Improvement, Bike Rack	1.00	EACH	\$350.00	\$350.00	\$1,700.00	\$1,700.00	\$1,200.00	\$1,200.00	\$1,870.00	\$1,870.00
114	SPEC	Trailhead Entry Sign	2.00	EACH	\$500.00	\$1,000.00	\$7,995.00	\$15,990.00	\$5,000.00	\$10,000.00	\$8,795.00	\$17,590.00
115	SPEC	Sand, 2" Thick	180.00	S.Y.	\$2.50	\$450.00	\$6.00	\$1,080.00	\$8.00	\$1,440.00	\$11.50	\$2,070.00
116	SPEC	Pea Gravel, 2" Thick	180.00	S.Y.	\$3.00	\$540.00	\$6.00	\$1,080.00	\$10.00	\$1,800.00	\$13.50	\$2,430.00
117	SPEC	Concrete Grid Pavement	80.00	S.Y.	\$60.00	\$4,800.00	\$50.00	\$4,000.00	\$110.00	\$8,800.00	\$189.00	\$15,120.00
118	SPEC	Drinking Fountain	1.00	EACH	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00	\$4,500.00	\$4,500.00
119	SPEC	Kiosk	1.00	EACH	\$8,000.00	\$8,000.00	\$3,000.00	\$3,000.00	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00
120	SPEC	Pre-cast Concrete Restroom Facility	1.00	EACH	\$75,000.00	\$75,000.00	\$78,000.00	\$78,000.00	\$45,000.00	\$45,000.00	\$35,000.00	\$35,000.00

TOTAL CONSTRUCTION COSTS \$1,632,879.25 \$1,399,475.00 \$1,416,902.10 \$1,468,686.77

+/- ENGINEER'S ESTIMATE -14.3% -13.2% -10.1%

\*2 - Ruhlin - Federally Required EEO Certification Page 1 – appropriate phrase not circled

\*3 - Wolf Creek - Federal DBE/Data Participation Documentation not completed

\*4 - Licursui Co. -Ref. #66 – extended amount incorrect in bid book  
 Unofficial construction cost incorrect Federal DBE/Data Participation Documentation not completed ODOT's 2005 LPA Template not signed

BID TAB FOR: Waterloo Road Towpath Trail

FILE NO. 2005-060-00

BID DATE: January 6, 2009

CODE: B05020.B05020

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*7. Lockhart Concrete co.		8. J. D. Williamson Const.		*9. Ohio Paving & Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT

\*5 - Workman - Ref #45 Correction neither initialed nor dated, Federal DBE/Data Participation Documentation not completed, Federally Required EEO Certification page 1 - Appropriate phrase not circled, ODOT's 2005 LPA Template not signed.

\*7. - Lockhart - Federal DBD/Data Participation Documentation not completed, Certification of Non-segregated Facilities not signed, Federally Required EEO Certification Page 1 - appropriate phrase not circled, ODOT's 2005 LPA Template not signed.

\*9. - Ohio Paving - Ref #112 - extended amount incorrect in bid book, Unofficial construction cost incorrect.

\*10. - F Buddie - ODOT's 2005 LPA Template not signed

\*11. - Fechko Excavating - Ref. #95 extended amount incorrect in bid book, Unofficial construction cost incorrect, Bid bond amount left blank

\*12. - Precision Eng - Ref. #'s 21, 58 and 59 - correction initialed but not dated, Federally Required EEO Certification Page 1 - appropriate phrase not circled

\*13. - Delta Asphalt - Ref #'s 22, and 41 - corrections neither initialed not dated, Ref #114 extended amount incorrect in bid book, Unofficial construction cost incorrect, Federal DBA./Data Participation Documentation not completed. Certification of Non-segregated Facilities not signed, Federally Required EEO Certification page 1 - appropriate phrase not circled. ODOT's 2005 LPA Template not signed.

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*10. F. Buddie Contracting Ltd		*11. Fechko Excavating Inc.		*12. Precision Eng. & Contract.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
<b>Common Items</b>												
1	103.05	Contract Performance Bond	1.00	L.S.	\$16,000.00	\$16,000.00	\$16,000.00	\$16,000.00	\$35,000.00	\$35,000.00	\$17,760.00	\$17,760.00
2	618	Computer Equipment	1.00	Allow.	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
3	619	Field Office	1.00	L.S.	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$16,000.00	\$16,000.00	\$4,440.00	\$4,440.00
<b>Waterloo Road Towpath Trail</b>												
4	201	Trees Removed, 18"	34.00	EACH	\$350.00	\$11,900.00	\$120.00	\$4,080.00	\$120.00	\$4,080.00	\$138.75	\$4,717.50
5	201	Trees Removed, 30"	7.00	EACH	\$800.00	\$5,600.00	\$380.00	\$2,660.00	\$350.00	\$2,450.00	\$555.00	\$3,885.00
6	201	Trees Removed, 48"	2.00	EACH	\$1,200.00	\$2,400.00	\$860.00	\$1,720.00	\$800.00	\$1,600.00	\$943.50	\$1,887.00
7	201	Stumps Removed, 30"	1.00	EACH	\$300.00	\$300.00	\$100.00	\$100.00	\$90.00	\$90.00	\$55.50	\$55.50
8	202	Bollards Removed	5.00	EACH	\$40.00	\$200.00	\$50.00	\$250.00	\$70.00	\$350.00	\$83.25	\$416.25
9	202	Signs and Posts Removed	1.00	EACH	\$350.00	\$350.00	\$100.00	\$100.00	\$65.00	\$65.00	\$83.25	\$83.25
10	202	Guardrail Removed	20.00	L.F.	\$10.00	\$200.00	\$10.00	\$200.00	\$6.00	\$120.00	\$2.78	\$55.60
11	203	Excavation Not Including Embankment Construction	1,470.00	C.Y.	\$25.00	\$36,750.00	\$30.00	\$44,100.00	\$13.50	\$19,845.00	\$12.10	\$17,787.00
12	203	Embankment	1,419.00	C.Y.	\$25.00	\$35,475.00	\$28.00	\$39,732.00	\$24.00	\$34,056.00	\$16.98	\$24,094.62
13	203	Subgrade Compaction	4,360.00	S.Y.	\$2.00	\$8,720.00	\$1.50	\$6,540.00	\$1.40	\$6,104.00	\$1.00	\$4,360.00
14	203	Proof Rolling	8.00	HOUR	\$50.00	\$400.00	\$50.00	\$400.00	\$70.00	\$560.00	\$111.00	\$888.00
15	203	Aggregate Refill, Type 1	740.00	C.Y.	\$45.00	\$33,300.00	\$55.00	\$40,700.00	\$72.00	\$53,280.00	\$47.95	\$35,483.00
16	203	Aggregate Refill, Type 2	80.00	C.Y.	\$50.00	\$4,000.00	\$58.00	\$4,640.00	\$70.00	\$5,600.00	\$53.50	\$4,280.00
17	207	Filter Fabric Fence	7,830.00	L.F.	\$2.50	\$19,575.00	\$2.50	\$19,575.00	\$1.50	\$11,745.00	\$2.50	\$19,575.00
18	301	4 inch Bituminous Aggregate Base	498.00	C.Y.	\$180.00	\$89,640.00	\$144.00	\$71,712.00	\$127.00	\$63,246.00	\$142.08	\$70,755.84
19	407	Tack Coat	452.00	GAL.	\$3.50	\$1,582.00	\$2.75	\$1,243.00	\$2.00	\$904.00	\$1.67	\$754.84
20	448	2 inch Asphalt Concrete Surface Course, Type 1	250.00	C.Y.	\$200.00	\$50,000.00	\$183.00	\$45,750.00	\$149.50	\$37,375.00	\$191.48	\$47,870.00
21	503	Cofferdams, Cribs and Sheeting	1.00	L.S.	\$50,000.00	\$50,000.00	\$25,000.00	\$25,000.00	\$40,000.00	\$40,000.00	\$168,998.61	\$168,998.61
22	507	14 inch Auger Cast Reinforced Concrete Piles	615.00	L.F.	\$100.00	\$61,500.00	\$78.00	\$47,970.00	\$88.00	\$54,120.00	\$43.85	\$26,967.75
23	509	Epoxy Coated Reinforcing Steel	6,727.00	LBS.	\$1.25	\$8,408.75	\$1.50	\$10,090.50	\$1.50	\$10,090.50	\$1.39	\$9,350.53
24	511	Class 'C' Concrete, as per plan	50.00	C.Y.	\$700.00	\$35,000.00	\$600.00	\$30,000.00	\$200.00	\$10,000.00	\$444.00	\$22,200.00
25	511	Class 'S' Concrete, as per plan	64.00	C.Y.	\$800.00	\$51,200.00	\$700.00	\$44,800.00	\$200.00	\$12,800.00	\$444.00	\$28,416.00
26	518	Porous Backfill	40.00	C.Y.	\$70.00	\$2,800.00	\$60.00	\$2,400.00	\$72.00	\$2,880.00	\$88.80	\$3,552.00
27	518	6 inch Perforated Corrugated Plastic Pipe	75.00	L.F.	\$12.00	\$900.00	\$20.00	\$1,500.00	\$4.50	\$337.50	\$8.88	\$666.00
28	562	Manhole Adjusted	1	EACH	\$1,500.00	\$1,500.00	\$400.00	\$400.00	\$300.00	\$300.00	\$333.00	\$333.00
29	609	Engineering Geogrid for Roadways	7,500.00	S.Y.	\$6.00	\$45,000.00	\$6.50	\$48,750.00	\$7.50	\$56,250.00	\$7.71	\$57,825.00
30	614	Maintaining Traffic	1.00	L.S.	\$4,000.00	\$4,000.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$5,550.00	\$5,550.00
31	616	Calcium Chloride	4.00	TONS	\$100.00	\$400.00	\$50.00	\$200.00	\$500.00	\$2,000.00	\$444.00	\$1,776.00
32	622	Monument, Adjusted	2.00	EACH	\$400.00	\$800.00	\$300.00	\$600.00	\$200.00	\$400.00	\$333.00	\$666.00
33	623	Construction Layout Stakes	1.00	L.S.	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$11,100.00	\$11,100.00
34	624	Mobilization	1.00	L.S.	\$25,000.00	\$25,000.00	\$30,000.00	\$30,000.00	\$40,000.00	\$40,000.00	\$54,945.00	\$54,945.00
35	626	Geotextile Fabric, Type Non-Woven	435.00	S.Y.	\$3.50	\$1,522.50	\$3.00	\$1,305.00	\$1.75	\$761.25	\$1.39	\$604.65
36	653	Topsoil Furnished & Placed, 4" Thick	1,473.00	S.Y.	\$6.00	\$8,838.00	\$5.00	\$7,365.00	\$3.00	\$4,419.00	\$3.33	\$4,905.09
37	653	Topsoil Furnished & Placed, 6" Thick	435.00	S.Y.	\$8.00	\$3,480.00	\$6.00	\$2,610.00	\$5.00	\$2,175.00	\$5.16	\$2,244.60
38	659	Lawn Seeding and Mulching	1,505.00	S.Y.	\$2.00	\$3,010.00	\$1.20	\$1,806.00	\$2.00	\$3,010.00	\$1.39	\$2,091.95
39	668	Seeding and Excelsior Matting	355.00	S.Y.	\$5.00	\$1,775.00	\$5.00	\$1,775.00	\$4.00	\$1,420.00	\$3.33	\$1,182.15
40	669	Protecting Trees	1.00	L.S.	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$6,000.00	\$6,000.00	\$2,220.00	\$2,220.00
41	SPEC	Pre-Engineered Bridge	1.00	EACH	\$275,000.00	\$275,000.00	\$240,000.00	\$240,000.00	\$250,000.00	\$250,000.00	\$292,296.39	\$292,296.39
42	SPEC	Trail Directional Sign	2.00	EACH	\$238.00	\$476.00	\$110.00	\$220.00	\$8,000.00	\$16,000.00	\$111.00	\$222.00
43	SPEC	Regulatory Signs	8.00	EACH	\$250.00	\$2,000.00	\$83.00	\$664.00	\$75.00	\$600.00	\$83.25	\$666.00
44	SPEC	Sign Posts	14.00	EACH	\$175.00	\$2,450.00	\$363.00	\$5,082.00	\$330.00	\$4,620.00	\$177.60	\$2,486.40

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*10. F. Buddie Contracting Ltd		*11. Fechko Excavating Inc.		*12. Precision Eng. & Contract.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
45	SPEC	Wayside Interpretative Signage	2.00	EACH	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00	\$1,500.00	\$3,000.00	\$832.50	\$1,665.00
46	SPEC	Timber Railing	1,000.00	L.F.	\$28.00	\$28,000.00	\$30.00	\$30,000.00	\$34.00	\$34,000.00	\$27.53	\$27,530.00
47	SPEC	Collapsible Wood Bollards	2.00	EACH	\$800.00	\$1,600.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$666.00	\$1,332.00
48	SPEC	Wood Bollards	4.00	EACH	\$600.00	\$2,400.00	\$230.00	\$920.00	\$210.00	\$840.00	\$177.60	\$710.40
49	SPEC	Mile marker	1.00	EACH	\$600.00	\$600.00	\$1,200.00	\$1,200.00	\$1,250.00	\$1,250.00	\$1,370.85	\$1,370.85
50	SPEC	Lightweight Aggregate	805.00	C.Y.	\$110.00	\$88,550.00	\$60.00	\$48,300.00	\$45.00	\$36,225.00	\$55.50	\$44,677.50
51	SPEC	Environmental Remediation	1.00	Allow.	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00
<b>Wilbeth Road Trailhead</b>												
52	202	Bollards Removed	3.00	EACH	\$40.00	\$120.00	\$25.00	\$75.00	\$70.00	\$210.00	\$83.25	\$249.75
53	202	Signs and Posts Removed	3.00	EACH	\$350.00	\$1,050.00	\$50.00	\$150.00	\$70.00	\$210.00	\$83.25	\$249.75
54	202	Utility Pole Removed	3.00	EACH	\$200.00	\$600.00	\$200.00	\$600.00	\$3,000.00	\$9,000.00	\$888.00	\$2,664.00
55	202	Guardrail Removed	506.00	L.F.	\$1.00	\$506.00	\$5.00	\$2,530.00	\$2.50	\$1,265.00	\$2.78	\$1,406.68
56	203	Excavation Not Including Embankment Construction	35.00	C.Y.	\$50.00	\$1,750.00	\$40.00	\$1,400.00	\$25.00	\$875.00	\$11.10	\$388.50
57	203	Embankment	2,800.00	C.Y.	\$25.00	\$70,000.00	\$23.00	\$64,400.00	\$34.00	\$95,200.00	\$25.53	\$71,484.00
58	203	Subgrade Compaction	2,900.00	S.Y.	\$2.00	\$5,800.00	\$1.50	\$4,350.00	\$1.20	\$3,480.00	\$0.67	\$1,943.00
59	203	Proof Rolling	7.00	HOUR	\$50.00	\$350.00	\$50.00	\$350.00	\$70.00	\$490.00	\$111.00	\$777.00
60	203	Aggregate Refill, Type 1	622.00	C.Y.	\$45.00	\$27,990.00	\$45.00	\$27,990.00	\$47.00	\$29,234.00	\$38.02	\$23,648.44
61	207	Filter Fabric Fence	325.00	L.F.	\$2.50	\$812.50	\$2.50	\$812.50	\$1.50	\$487.50	\$2.50	\$812.50
62	252	Trenches for Water Services in Earth, as per plan	250.00	L.F.	\$30.00	\$7,500.00	\$18.00	\$4,500.00	\$17.00	\$4,250.00	\$27.75	\$6,937.50
63	253	Boring for Water Services	60	L.F.	\$30.00	\$1,800.00	\$100.00	\$6,000.00	\$20.00	\$1,200.00	\$222.00	\$13,320.00
64	301	4-3/4 inch Bituminous Aggregate Base	500.00	C.Y.	\$180.00	\$90,000.00	\$134.00	\$67,000.00	\$130.00	\$65,000.00	\$120.99	\$60,495.00
65	305	8 inch Portland Cement Concrete Base	80	S.Y.	\$50.00	\$4,000.00	\$100.00	\$8,000.00	\$74.00	\$5,920.00	\$41.96	\$3,356.80
66	407	Tack Coat	335.00	GAL.	\$3.50	\$1,172.50	\$2.75	\$921.25	\$2.00	\$670.00	\$1.67	\$559.45
67	448	1-1/4 inch Asphalt Concrete Surface Course, Type 1	140.00	C.Y.	\$200.00	\$28,000.00	\$154.00	\$21,560.00	\$150.00	\$21,000.00	\$166.50	\$23,310.00
68	455	Curb, Type 6" X 18"	1,674.00	L.F.	\$18.00	\$30,132.00	\$20.00	\$33,480.00	\$10.00	\$16,740.00	\$9.55	\$15,986.70
69	456	Concrete Walk, 6 inches Thick	2,400.00	S.F.	\$5.00	\$12,000.00	\$6.00	\$14,400.00	\$4.00	\$9,600.00	\$3.72	\$8,928.00
70	456	Concrete Walk, 8 inches Thick	320.00	S.F.	\$6.00	\$1,920.00	\$7.00	\$2,240.00	\$4.50	\$1,440.00	\$4.66	\$1,491.20
71	456	Concrete Driveway Reconstruction, 8 inches Thick	1,600.00	S.F.	\$6.00	\$9,600.00	\$8.00	\$12,800.00	\$7.00	\$11,200.00	\$5.77	\$9,232.00
72	456	Concrete Aprons, 8 inches Thick	380.00	S.F.	\$6.00	\$2,280.00	\$8.00	\$3,040.00	\$6.50	\$2,470.00	\$5.77	\$2,192.60
73	457	Concrete Median	20	S.Y.	\$40.00	\$800.00	\$150.00	\$3,000.00	\$62.00	\$1,240.00	\$72.15	\$1,443.00
74	552	12 inch Storm Sewer, Type RCP, Class 'B' Bedding	140.00	L.F.	\$40.00	\$5,600.00	\$50.00	\$7,000.00	\$56.00	\$7,840.00	\$44.40	\$6,216.00
75	561	Manhole Frame and Beehive Grate Cover	1.00	EACH	\$500.00	\$500.00	\$2,000.00	\$2,000.00	\$300.00	\$300.00	\$388.50	\$388.50
76	562	Manhole MH-2A Slab top on Storm Sewer	1.00	EACH	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$333.00	\$333.00
77	564	4 inch Pipe Underdrains	160.00	L.F.	\$6.00	\$960.00	\$8.00	\$1,280.00	\$7.00	\$1,120.00	\$9.99	\$1,598.40
78	601	Rock Channel Protection, Type 'C'	12.00	C.Y.	\$200.00	\$2,400.00	\$100.00	\$1,200.00	\$85.00	\$1,020.00	\$88.80	\$1,065.60
79	602	Concrete Masonry - Headwall, as per plan	1.00	C.Y.	\$9,000.00	\$9,000.00	\$800.00	\$800.00	\$650.00	\$650.00	\$666.00	\$666.00
80	603	Limestone, #57	65.00	C.Y.	\$50.00	\$3,250.00	\$60.00	\$3,900.00	\$40.00	\$2,600.00	\$66.60	\$4,329.00
81	609	Engineering Geogrid for Roadways	4,000.00	S.Y.	\$6.00	\$24,000.00	\$6.50	\$26,000.00	\$7.50	\$30,000.00	\$7.71	\$30,840.00
82	614	Maintaining Traffic	1.00	L.S.	\$10,000.00	\$10,000.00	\$7,000.00	\$7,000.00	\$20,000.00	\$20,000.00	\$5,550.00	\$5,550.00
83	616	Calcium Chloride	5.00	TONS	\$50.00	\$250.00	\$100.00	\$500.00	\$600.00	\$3,000.00	\$444.00	\$2,220.00
84	621	Parking Lot Stall Marking	1,600.00	L.F.	\$1.50	\$2,400.00	\$0.55	\$880.00	\$1.00	\$1,600.00	\$0.21	\$336.00
85	621	Accessible symbol marking	4.00	EACH	\$200.00	\$800.00	\$30.00	\$120.00	\$150.00	\$600.00	\$24.42	\$97.68
86	623	Construction Layout Stakes	1.00	L.S.	\$8,000.00	\$8,000.00	\$6,000.00	\$6,000.00	\$20,000.00	\$20,000.00	\$11,100.00	\$11,100.00
87	624	Mobilization	1.00	L.S.	\$6,000.00	\$6,000.00	\$25,000.00	\$25,000.00	\$40,000.00	\$40,000.00	\$16,650.00	\$16,650.00
88	626	Geotextile Fabric, Type Non-Woven	180.00	S.Y.	\$3.50	\$630.00	\$3.50	\$630.00	\$2.00	\$360.00	\$1.39	\$250.20
89	630	Traffic Sign - Type R7-8 "reserved parking"	4.00	EACH	\$100.00	\$400.00	\$200.00	\$800.00	\$120.00	\$480.00	\$127.65	\$510.60

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*10. F. Buddie Contracting Ltd		*11. Fechko Excavating Inc.		*12. Precision Eng. & Contract.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
90	630	Traffic Sign - Type R7-H8B "\$250 fine minimum	4.00	EACH	\$100.00	\$400.00	\$100.00	\$400.00	\$15.00	\$60.00	\$27.75	\$111.00
91	630	Traffic Sign - Type R7-8A, "van accessible"	4.00	EACH	\$100.00	\$400.00	\$100.00	\$400.00	\$15.00	\$60.00	\$27.75	\$111.00
92	630	Traffic Sign - Type A	2.00	EACH	\$180.00	\$360.00	\$100.00	\$200.00	\$45.00	\$90.00	\$49.95	\$99.90
93	630	Traffic Sign - Type B, as per plan	1.00	EACH	\$300.00	\$300.00	\$220.00	\$220.00	\$195.00	\$195.00	\$216.45	\$216.45
94	630	Traffic Sign - Type C, as per plan	1.00	EACH	\$2,000.00	\$2,000.00	\$700.00	\$700.00	\$645.00	\$645.00	\$715.95	\$715.95
95	653	Topsoil Furnished & Placed, 4" Thick	2,967.00	S.Y.	\$6.00	\$17,802.00	\$3.00	\$8,901.00	\$3.00	\$8,901.00	\$3.33	\$9,880.11
96	653	Topsoil Furnished & Placed, as per plan	180.00	C.Y.	\$20.00	\$3,600.00	\$45.00	\$8,100.00	\$27.00	\$4,860.00	\$29.97	\$5,394.60
97	659	Lawn Seeding and Mulching	2,300.00	S.Y.	\$2.00	\$4,600.00	\$1.00	\$2,300.00	\$2.00	\$4,600.00	\$1.39	\$3,197.00
98	660	Sodding	667.00	S.Y.	\$7.00	\$4,669.00	\$5.60	\$3,735.20	\$4.00	\$2,668.00	\$3.89	\$2,594.63
99	662	Mulch, 3" Thick	16.00	C.Y.	\$50.00	\$800.00	\$50.00	\$800.00	\$32.00	\$512.00	\$35.52	\$568.32
100	662	Planting Shrubs, 'Raspberry Tart Viburnum'	31.00	EACH	\$45.00	\$1,395.00	\$45.00	\$1,395.00	\$38.00	\$1,178.00	\$42.18	\$1,307.58
101	662	Planting Shrubs, 'Dart's Golden Ninebark'	76.00	EACH	\$35.00	\$2,660.00	\$42.00	\$3,192.00	\$43.00	\$3,268.00	\$47.73	\$3,627.48
102	663	Tree Planting in Lawn Area, 'American Sycamore'	12.00	EACH	\$375.00	\$4,500.00	\$550.00	\$6,600.00	\$350.00	\$4,200.00	\$388.50	\$4,662.00
103	663	Tree Planting in Lawn Area, 'American Yellowwood'	9.00	EACH	\$312.00	\$2,808.00	\$825.00	\$7,425.00	\$375.00	\$3,375.00	\$416.25	\$3,746.25
		Tree Planting in Lawn Area, 'Valley Forge American										
104	663	Elm'	9.00	EACH	\$512.00	\$4,608.00	\$550.00	\$4,950.00	\$375.00	\$3,375.00	\$416.25	\$3,746.25
105	663	Tree Planting in Lawn Area, 'Rejoice Crabapple'	6.00	EACH	\$327.00	\$1,962.00	\$375.00	\$2,250.00	\$250.00	\$1,500.00	\$277.50	\$1,665.00
106	669	Protecting Trees	1.00	L.S.	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$2,220.00	\$2,220.00
107	SPEC	Regulatory Signs	2.00	EACH	\$250.00	\$500.00	\$100.00	\$200.00	\$75.00	\$150.00	\$111.00	\$222.00
108	SPEC	Sign Posts	6.00	EACH	\$175.00	\$1,050.00	\$365.00	\$2,190.00	\$330.00	\$1,980.00	\$177.60	\$1,065.60
109	SPEC	Collapsible Wood Bollards	2.00	EACH	\$800.00	\$1,600.00	\$1,100.00	\$2,200.00	\$985.00	\$1,970.00	\$666.00	\$1,332.00
110	SPEC	Wood Bollards	5.00	EACH	\$600.00	\$3,000.00	\$230.00	\$1,150.00	\$210.00	\$1,050.00	\$177.60	\$888.00
111	SPEC	Trash Receptacle	1.00	EACH	\$1,950.00	\$1,950.00	\$2,000.00	\$2,000.00	\$330.00	\$330.00	\$999.00	\$999.00
112	SPEC	Site Improvement, Wood and Stone Bench	2.00	EACH	\$1,400.00	\$2,800.00	\$3,000.00	\$6,000.00	\$1,850.00	\$3,700.00	\$2,506.38	\$5,012.76
113	SPEC	Site Improvement, Bike Rack	1.00	EACH	\$350.00	\$350.00	\$1,700.00	\$1,700.00	\$200.00	\$200.00	\$1,887.00	\$1,887.00
114	SPEC	Trailhead Entry Sign	2.00	EACH	\$500.00	\$1,000.00	\$8,800.00	\$17,600.00	\$100.00	\$200.00	\$8,874.45	\$17,748.90
115	SPEC	Sand, 2" Thick	180.00	S.Y.	\$2.50	\$450.00	\$10.00	\$1,800.00	\$8.00	\$1,440.00	\$1.11	\$199.80
116	SPEC	Pea Gravel, 2" Thick	180.00	S.Y.	\$3.00	\$540.00	\$10.00	\$1,800.00	\$10.00	\$1,800.00	\$2.22	\$399.60
117	SPEC	Concrete Grid Pavement	80.00	S.Y.	\$60.00	\$4,800.00	\$80.00	\$6,400.00	\$200.00	\$16,000.00	\$88.80	\$7,104.00
118	SPEC	Drinking Fountain	1.00	EACH	\$6,000.00	\$6,000.00	\$9,000.00	\$9,000.00	\$3,900.00	\$3,900.00	\$4,791.87	\$4,791.87
119	SPEC	Kiosk	1.00	EACH	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00	\$35,000.00	\$35,000.00	\$8,325.00	\$8,325.00
120	SPEC	Pre-cast Concrete Restroom Facility	1.00	EACH	\$75,000.00	\$75,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$39,388.83	\$39,388.83

TOTAL CONSTRUCTION COSTS \$1,632,879.25 \$1,488,776.45 \$1,523,426.75 \$1,547,954.00

+/- ENGINEER'S ESTIMATE -8.8% -6.7% -5.2%

\*2 - Ruhlin - Federally Required EEO Certification Page 1 – appropriate phrase not circled

\*3 - Wolf Creek - Federal DBE/Data Participation Documentation not completed

\*4 - Licursui Co. -Ref. #66 – extended amount incorrect in bid book  
 Unofficial construction cost incorrect Federal DBE/Data Participation Documentation not completed ODOT's 2005 LPA Template not signed

BID TAB FOR: Waterloo Road Towpath Trail

FILE NO. 2005-060-00

BID DATE: January 6, 2009

CODE: B05020.B05020

---

REF. ITEM				ENGINEER'S ESTIMATE		*10. F. Buddie Contracting Ltd		*11. Fechko Excavating Inc.		*12. Precision Eng. & Contract.		
NO.	NO.	DESCRIPTION	QTY.	UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT

---

\*5 - Workman - Ref #45 Correction neither initialed nor dated, Federal DBE/Data Participation Documentation not completed, Federally Required EEO Certification page 1 - Appropriate phrase not circled, ODOT's 2005 LPA Template not signed.

---

\*7. - Lockhart - Federal DBD/Data Participation Documentation not completed, Certification of Non-segregated Facilities not signed, Federally Required EEO Certification Page 1 - appropriate phrase not circled, ODOT's 2005 LPA Template not signed.

---

\*9. - Ohio Paving - Ref #112 - extended amount incorrect in bid book, Unofficial construction cost incorrect.

---

\*10. - F Buddie - ODOT's 2005 LPA Template not signed

---

\*11. - Fechko Excavating - Ref. #95 extended amount incorrect in bid book, Unofficial construction cost incorrect, Bid bond amount left blank

---

\*12. - Precision Eng - Ref. #'s 21, 58 and 59 - correction initialed but not dated, Federally Required EEO Certification Page 1 - appropriate phrase not circled

---

\*13. - Delta Asphalt - Ref #'s 22, and 41 - corrections neither initialed not dated, Ref #114 extended amount incorrect in bid book, Unofficial construction cost incorrect, Federal DBA./Data Participation Documentation not completed. Certification of Non-segregated Facilities not signed, Federally Required EEO Certification page 1 - appropriate phrase not circled. ODOT's 2005 LPA Template not signed.

---

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	AMOUNT	*13. Delta Asphalt PRICE	14. Liberta dba Cioffi PRICE	AMOUNT
<b>Common Items</b>									
1	103.05	Contract Performance Bond	1.00	L.S.	\$16,000.00	\$16,000.00	\$16,000.00	\$16,000.00	\$61,000.00
2	618	Computer Equipment	1.00	Allow.	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
3	619	Field Office	1.00	L.S.	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$4,200.00
<b>Waterloo Road Towpath Trail</b>									
4	201	Trees Removed, 18"	34.00	EACH	\$350.00	\$11,900.00	\$150.00	\$5,100.00	\$125.00
5	201	Trees Removed, 30"	7.00	EACH	\$800.00	\$5,600.00	\$600.00	\$4,200.00	\$500.00
6	201	Trees Removed, 48"	2.00	EACH	\$1,200.00	\$2,400.00	\$900.00	\$1,800.00	\$850.00
7	201	Stumps Removed, 30"	1.00	EACH	\$300.00	\$300.00	\$100.00	\$100.00	\$50.00
8	202	Bollards Removed	5.00	EACH	\$40.00	\$200.00	\$100.00	\$500.00	\$50.00
9	202	Signs and Posts Removed	1.00	EACH	\$350.00	\$350.00	\$100.00	\$100.00	\$100.00
10	202	Guardrail Removed	20.00	L.F.	\$10.00	\$200.00	\$5.00	\$100.00	\$10.00
11	203	Excavation Not Including Embankment Construction	1,470.00	C.Y.	\$25.00	\$36,750.00	\$18.00	\$26,460.00	\$25.00
12	203	Embankment	1,419.00	C.Y.	\$25.00	\$35,475.00	\$30.00	\$42,570.00	\$35.00
13	203	Subgrade Compaction	4,360.00	S.Y.	\$2.00	\$8,720.00	\$1.00	\$4,360.00	\$1.00
14	203	Proof Rolling	8.00	HOUR	\$50.00	\$400.00	\$100.00	\$800.00	\$60.00
15	203	Aggregate Refill, Type 1	740.00	C.Y.	\$45.00	\$33,300.00	\$50.00	\$37,000.00	\$50.00
16	203	Aggregate Refill, Type 2	80.00	C.Y.	\$50.00	\$4,000.00	\$60.00	\$4,800.00	\$48.00
17	207	Filter Fabric Fence	7,830.00	L.F.	\$2.50	\$19,575.00	\$2.00	\$15,660.00	\$2.00
18	301	4 inch Bituminous Aggregate Base	498.00	C.Y.	\$180.00	\$89,640.00	\$190.00	\$94,620.00	\$110.00
19	407	Tack Coat	452.00	GAL.	\$3.50	\$1,582.00	\$3.00	\$1,356.00	\$2.00
20	448	2 inch Asphalt Concrete Surface Course, Type 1	250.00	C.Y.	\$200.00	\$50,000.00	\$220.00	\$55,000.00	\$145.00
21	503	Cofferdams, Crib and Sheeting	1.00	L.S.	\$50,000.00	\$50,000.00	\$125,000.00	\$125,000.00	\$20,000.00
22	507	14 inch Auger Cast Reinforced Concrete Piles	615.00	L.F.	\$100.00	\$61,500.00	\$110.00	\$67,650.00	\$39.50
23	509	Epoxy Coated Reinforcing Steel	6,727.00	LBS.	\$1.25	\$8,408.75	\$1.00	\$6,727.00	\$1.25
24	511	Class 'C' Concrete, as per plan	50.00	C.Y.	\$700.00	\$35,000.00	\$400.00	\$20,000.00	\$400.00
25	511	Class 'S' Concrete, as per plan	64.00	C.Y.	\$800.00	\$51,200.00	\$450.00	\$28,800.00	\$400.00
26	518	Porous Backfill	40.00	C.Y.	\$70.00	\$2,800.00	\$60.00	\$2,400.00	\$45.00
27	518	6 inch Perforated Corrugated Plastic Pipe	75.00	L.F.	\$12.00	\$900.00	\$18.00	\$1,350.00	\$25.00
28	562	Manhole Adjusted	1	EACH	\$1,500.00	\$1,500.00	\$500.00	\$500.00	\$350.00
29	609	Engineering Geogrid for Roadways	7,500.00	S.Y.	\$6.00	\$45,000.00	\$6.00	\$45,000.00	\$7.50
30	614	Maintaining Traffic	1.00	L.S.	\$4,000.00	\$4,000.00	\$1,000.00	\$1,000.00	\$43,500.00
31	616	Calcium Chloride	4.00	TONS	\$100.00	\$400.00	\$200.00	\$800.00	\$25.00
32	622	Monument, Adjusted	2.00	EACH	\$400.00	\$800.00	\$500.00	\$1,000.00	\$350.00
33	623	Construction Layout Stakes	1.00	L.S.	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00	\$28,200.00
34	624	Mobilization	1.00	L.S.	\$25,000.00	\$25,000.00	\$5,000.00	\$5,000.00	\$49,500.00
35	626	Geotextile Fabric, Type Non-Woven	435.00	S.Y.	\$3.50	\$1,522.50	\$6.00	\$2,610.00	\$2.00
36	653	Topsoil Furnished & Placed, 4" Thick	1,473.00	S.Y.	\$6.00	\$8,838.00	\$4.00	\$5,892.00	\$3.50
37	653	Topsoil Furnished & Placed, 6" Thick	435.00	S.Y.	\$8.00	\$3,480.00	\$6.00	\$2,610.00	\$5.40
38	659	Lawn Seeding and Mulching	1,505.00	S.Y.	\$2.00	\$3,010.00	\$2.00	\$3,010.00	\$0.91
39	668	Seeding and Excelsior Matting	355.00	S.Y.	\$5.00	\$1,775.00	\$3.00	\$1,065.00	\$2.75
40	669	Protecting Trees	1.00	L.S.	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$250.00
41	SPEC	Pre-Engineered Bridge	1.00	EACH	\$275,000.00	\$275,000.00	\$225,000.00	\$225,000.00	\$331,000.00
42	SPEC	Trail Directional Sign	2.00	EACH	\$238.00	\$476.00	\$200.00	\$400.00	\$100.00
43	SPEC	Regulatory Signs	8.00	EACH	\$250.00	\$2,000.00	\$100.00	\$800.00	\$75.00
44	SPEC	Sign Posts	14.00	EACH	\$175.00	\$2,450.00	\$200.00	\$2,800.00	\$330.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*13. Delta Asphalt		14. Liberta dba Cioffi	
					PRICE	AMOUNT	PRICE		PRICE	AMOUNT
45	SPEC	Wayside Interpretative Signage	2.00	EACH	\$2,500.00	\$5,000.00	\$4,500.00	\$9,000.00	\$2,500.00	\$5,000.00
46	SPEC	Timber Railing	1,000.00	L.F.	\$28.00	\$28,000.00	\$28.00	\$28,000.00	\$34.00	\$34,000.00
47	SPEC	Collapsible Wood Bollards	2.00	EACH	\$800.00	\$1,600.00	\$800.00	\$1,600.00	\$985.00	\$1,970.00
48	SPEC	Wood Bollards	4.00	EACH	\$600.00	\$2,400.00	\$250.00	\$1,000.00	\$210.00	\$840.00
49	SPEC	Mile marker	1.00	EACH	\$600.00	\$600.00	\$1,400.00	\$1,400.00	\$1,235.00	\$1,235.00
50	SPEC	Lightweight Aggregate	805.00	C.Y.	\$110.00	\$88,550.00	\$90.00	\$72,450.00	\$75.00	\$60,375.00
51	SPEC	Environmental Remediation	1.00	Allow.	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00
<b>Wilbeth Road Trailhead</b>										
52	202	Bollards Removed	3.00	EACH	\$40.00	\$120.00	\$100.00	\$300.00	\$50.00	\$150.00
53	202	Signs and Posts Removed	3.00	EACH	\$350.00	\$1,050.00	\$100.00	\$300.00	\$100.00	\$300.00
54	202	Utility Pole Removed	3.00	EACH	\$200.00	\$600.00	\$1,000.00	\$3,000.00	\$250.00	\$750.00
55	202	Guardrail Removed	506.00	L.F.	\$1.00	\$506.00	\$5.00	\$2,530.00	\$3.00	\$1,518.00
56	203	Excavation Not Including Embankment Construction	35.00	C.Y.	\$50.00	\$1,750.00	\$25.00	\$875.00	\$50.00	\$1,750.00
57	203	Embankment	2,800.00	C.Y.	\$25.00	\$70,000.00	\$30.00	\$84,000.00	\$35.00	\$98,000.00
58	203	Subgrade Compaction	2,900.00	S.Y.	\$2.00	\$5,800.00	\$1.00	\$2,900.00	\$1.00	\$2,900.00
59	203	Proof Rolling	7.00	HOUR	\$50.00	\$350.00	\$100.00	\$700.00	\$50.00	\$350.00
60	203	Aggregate Refill, Type 1	622.00	C.Y.	\$45.00	\$27,990.00	\$65.00	\$40,430.00	\$50.00	\$31,100.00
61	207	Filter Fabric Fence	325.00	L.F.	\$2.50	\$812.50	\$2.00	\$650.00	\$2.00	\$650.00
62	252	Trenches for Water Services in Earth, as per plan	250.00	L.F.	\$30.00	\$7,500.00	\$14.00	\$3,500.00	\$15.00	\$3,750.00
63	253	Boring for Water Services	60	L.F.	\$30.00	\$1,800.00	\$100.00	\$6,000.00	\$40.00	\$2,400.00
64	301	4-3/4 inch Bituminous Aggregate Base	500.00	C.Y.	\$180.00	\$90,000.00	\$190.00	\$95,000.00	\$90.00	\$45,000.00
65	305	8 inch Portland Cement Concrete Base	80	S.Y.	\$50.00	\$4,000.00	\$50.00	\$4,000.00	\$65.00	\$5,200.00
66	407	Tack Coat	335.00	GAL.	\$3.50	\$1,172.50	\$3.00	\$1,005.00	\$2.00	\$670.00
67	448	1-1/4 inch Asphalt Concrete Surface Course, Type 1	140.00	C.Y.	\$200.00	\$28,000.00	\$220.00	\$30,800.00	\$135.00	\$18,900.00
68	455	Curb, Type 6" X 18"	1,674.00	L.F.	\$18.00	\$30,132.00	\$14.00	\$23,436.00	\$15.00	\$25,110.00
69	456	Concrete Walk, 6 inches Thick	2,400.00	S.F.	\$5.00	\$12,000.00	\$5.00	\$12,000.00	\$5.50	\$13,200.00
70	456	Concrete Walk, 8 inches Thick	320.00	S.F.	\$6.00	\$1,920.00	\$5.00	\$1,600.00	\$6.00	\$1,920.00
71	456	Concrete Driveway Reconstruction, 8 inches Thick	1,600.00	S.F.	\$6.00	\$9,600.00	\$5.00	\$8,000.00	\$6.00	\$9,600.00
72	456	Concrete Aprons, 8 inches Thick	380.00	S.F.	\$6.00	\$2,280.00	\$5.00	\$1,900.00	\$6.00	\$2,280.00
73	457	Concrete Median	20	S.Y.	\$40.00	\$800.00	\$65.00	\$1,300.00	\$65.00	\$1,300.00
74	552	12 inch Storm Sewer, Type RCP, Class 'B' Bedding	140.00	L.F.	\$40.00	\$5,600.00	\$65.00	\$9,100.00	\$55.00	\$7,700.00
75	561	Manhole Frame and Beehive Grate Cover	1.00	EACH	\$500.00	\$500.00	\$1,500.00	\$1,500.00	\$350.00	\$350.00
76	562	Manhole MH-2A Slab top on Storm Sewer	1.00	EACH	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,200.00	\$1,200.00
77	564	4 inch Pipe Underdrains	160.00	L.F.	\$6.00	\$960.00	\$18.00	\$2,880.00	\$4.00	\$640.00
78	601	Rock Channel Protection, Type 'C'	12.00	C.Y.	\$200.00	\$2,400.00	\$100.00	\$1,200.00	\$85.00	\$1,020.00
79	602	Concrete Masonry - Headwall, as per plan	1.00	C.Y.	\$9,000.00	\$9,000.00	\$1,500.00	\$1,500.00	\$250.00	\$250.00
80	603	Limestone, #57	65.00	C.Y.	\$50.00	\$3,250.00	\$25.00	\$1,625.00	\$45.00	\$2,925.00
81	609	Engineering Geogrid for Roadways	4,000.00	S.Y.	\$6.00	\$24,000.00	\$6.00	\$24,000.00	\$7.50	\$30,000.00
82	614	Maintaining Traffic	1.00	L.S.	\$10,000.00	\$10,000.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00
83	616	Calcium Chloride	5.00	TONS	\$50.00	\$250.00	\$200.00	\$1,000.00	\$25.00	\$125.00
84	621	Parking Lot Stall Marking	1,600.00	L.F.	\$1.50	\$2,400.00	\$1.50	\$2,400.00	\$0.50	\$800.00
85	621	Accessible symbol marking	4.00	EACH	\$200.00	\$800.00	\$50.00	\$200.00	\$25.00	\$100.00
86	623	Construction Layout Stakes	1.00	L.S.	\$8,000.00	\$8,000.00	\$15,000.00	\$15,000.00	\$30,000.00	\$30,000.00
87	624	Mobilization	1.00	L.S.	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00	\$42,500.00	\$42,500.00
88	626	Geotextile Fabric, Type Non-Woven	180.00	S.Y.	\$3.50	\$630.00	\$6.00	\$1,080.00	\$2.00	\$360.00
89	630	Traffic Sign - Type R7-8 "reserved parking"	4.00	EACH	\$100.00	\$400.00	\$150.00	\$600.00	\$115.00	\$460.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*13. Delta Asphalt	14. Liberta dba Cioffi		
					PRICE	AMOUNT	PRICE	PRICE	AMOUNT	
90	630	Traffic Sign - Type R7-H8B "\$250 fine minimum	4.00	EACH	\$100.00	\$400.00	\$150.00	\$600.00	\$15.00	\$60.00
91	630	Traffic Sign - Type R7-8A, "van accessible"	4.00	EACH	\$100.00	\$400.00	\$100.00	\$400.00	\$15.00	\$60.00
92	630	Traffic Sign - Type A	2.00	EACH	\$180.00	\$360.00	\$100.00	\$200.00	\$45.00	\$90.00
93	630	Traffic Sign - Type B, as per plan	1.00	EACH	\$300.00	\$300.00	\$250.00	\$250.00	\$195.00	\$195.00
94	630	Traffic Sign - Type C, as per plan	1.00	EACH	\$2,000.00	\$2,000.00	\$750.00	\$750.00	\$645.00	\$645.00
95	653	Topsoil Furnished & Placed, 4" Thick	2,967.00	S.Y.	\$6.00	\$17,802.00	\$4.00	\$11,868.00	\$3.55	\$10,532.85
96	653	Topsoil Furnished & Placed, as per plan	180.00	C.Y.	\$20.00	\$3,600.00	\$30.00	\$5,400.00	\$29.00	\$5,220.00
97	659	Lawn Seeding and Mulching	2,300.00	S.Y.	\$2.00	\$4,600.00	\$2.00	\$4,600.00	\$0.91	\$2,093.00
98	660	Sodding	667.00	S.Y.	\$7.00	\$4,669.00	\$5.00	\$3,335.00	\$4.00	\$2,668.00
99	662	Mulch, 3" Thick	16.00	C.Y.	\$50.00	\$800.00	\$50.00	\$800.00	\$35.00	\$560.00
100	662	Planting Shrubs, 'Raspberry Tart Viburnum'	31.00	EACH	\$45.00	\$1,395.00	\$40.00	\$1,240.00	\$70.00	\$2,170.00
101	662	Planting Shrubs, 'Dart's Golden Ninebark'	76.00	EACH	\$35.00	\$2,660.00	\$40.00	\$3,040.00	\$28.00	\$2,128.00
102	663	Tree Planting in Lawn Area, 'American Sycamore'	12.00	EACH	\$375.00	\$4,500.00	\$400.00	\$4,800.00	\$410.00	\$4,920.00
103	663	Tree Planting in Lawn Area, 'American Yellowwood'	9.00	EACH	\$312.00	\$2,808.00	\$400.00	\$3,600.00	\$425.00	\$3,825.00
		Tree Planting in Lawn Area, 'Valley Forge American								
104	663	Elm'	9.00	EACH	\$512.00	\$4,608.00	\$400.00	\$3,600.00	\$410.00	\$3,690.00
105	663	Tree Planting in Lawn Area, 'Rejoice Crabapple'	6.00	EACH	\$327.00	\$1,962.00	\$400.00	\$2,400.00	\$235.00	\$1,410.00
106	669	Protecting Trees	1.00	L.S.	\$500.00	\$500.00	\$5,000.00	\$5,000.00	\$250.00	\$250.00
107	SPEC	Regulatory Signs	2.00	EACH	\$250.00	\$500.00	\$150.00	\$300.00	\$75.00	\$150.00
108	SPEC	Sign Posts	6.00	EACH	\$175.00	\$1,050.00	\$400.00	\$2,400.00	\$330.00	\$1,980.00
109	SPEC	Collapsible Wood Bollards	2.00	EACH	\$800.00	\$1,600.00	\$800.00	\$1,600.00	\$985.00	\$1,970.00
110	SPEC	Wood Bollards	5.00	EACH	\$600.00	\$3,000.00	\$250.00	\$1,250.00	\$210.00	\$1,050.00
111	SPEC	Trash Receptacle	1.00	EACH	\$1,950.00	\$1,950.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00
112	SPEC	Site Improvement, Wood and Stone Bench	2.00	EACH	\$1,400.00	\$2,800.00	\$4,000.00	\$8,000.00	\$4,000.00	\$8,000.00
113	SPEC	Site Improvement, Bike Rack	1.00	EACH	\$350.00	\$350.00	\$1,800.00	\$1,800.00	\$1,700.00	\$1,700.00
114	SPEC	Trailhead Entry Sign	2.00	EACH	\$500.00	\$1,000.00	\$9,000.00	\$18,000.00	\$7,995.00	\$15,990.00
115	SPEC	Sand, 2" Thick	180.00	S.Y.	\$2.50	\$450.00	\$8.00	\$1,440.00	\$25.00	\$4,500.00
116	SPEC	Pea Gravel, 2" Thick	180.00	S.Y.	\$3.00	\$540.00	\$8.00	\$1,440.00	\$25.00	\$4,500.00
117	SPEC	Concrete Grid Pavement	80.00	S.Y.	\$60.00	\$4,800.00	\$90.00	\$7,200.00	\$75.00	\$6,000.00
118	SPEC	Drinking Fountain	1.00	EACH	\$6,000.00	\$6,000.00	\$4,000.00	\$4,000.00	\$4,400.00	\$4,400.00
119	SPEC	Kiosk	1.00	EACH	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
120	SPEC	Pre-cast Concrete Restroom Facility	1.00	EACH	\$75,000.00	\$75,000.00	\$45,000.00	\$45,000.00	\$39,856.00	\$39,856.00

TOTAL CONSTRUCTION COSTS \$1,632,879.25 \$1,592,014.00 \$1,620,166.40

+/- ENGINEER'S ESTIMATE -2.5% -0.8%

\*2 - Ruhlin - Federally Required EEO Certification Page 1 – appropriate phrase not circled

\*3 - Wolf Creek - Federal DBE/Data Participation Documentation not completed

\*4 - Licursui Co. -Ref. #66 – extended amount incorrect in bid book  
 Unofficial construction cost incorrect Federal DBE/Data Participation Documentation not completed ODOT's 2005 LPA Template not signed

BID TAB FOR: Waterloo Road Towpath Trail

FILE NO. 2005-060-00

BID DATE: January 6, 2009

CODE: B05020.B05020

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	AMOUNT	*13. Delta Asphalt PRICE	14. Liberta dba Cioffi PRICE	AMOUNT
<p>*5 - Workman - Ref #45 Correction neither initialed nor dated, Federal DBE/Data Participation Documentation not completed, Federally Required EEO Certification page 1 - Appropriate phrase not circled, ODOT's 2005 LPA Template not signed.</p>									
<p>*7. - Lockhart - Federal DBD/Data Participation Documentation not completed, Certification of Non-segregated Facilities not signed, Federally Required EEO Certification Page 1 - appropriate phrase not circled, ODOT's 2005 LPA Template not signed.</p>									
<p>*9. - Ohio Paving - Ref #112 - extended amount incorrect in bid book, Unofficial construction cost incorrect.</p>									
<p>*10. - F Buddie - ODOT's 2005 LPA Template not signed</p>									
<p>*11. - Fechko Excavating - Ref. #95 extended amount incorrect in bid book, Unofficial construction cost incorrect, Bid bond amount left blank</p>									
<p>*12. - Precision Eng - Ref. #'s 21, 58 and 59 - correction initialed but not dated, Federally Required EEO Certification Page 1 - appropriate phrase not circled</p>									
<p>*13. - Delta Asphalt - Ref #'s 22, and 41 - corrections neither initialed not dated, Ref #114 extended amount incorrect in bid book, Unofficial construction cost incorrect, Federal DBA./Data Participation Documentation not completed. Certification of Non-segregated Facilities not signed, Federally Required EEO Certification page 1 - appropriate phrase not circled. ODOT's 2005 LPA Template not signed.</p>									