

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Vito Gironda Construction		2. Liberta cba Cioffi		3. Karvo Paving	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$15,000.00	\$15,000.00	\$40,000.00	\$40,000.00	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00
2	203	Excavation Including Embankment Construction	5975	C.Y.	\$9.00	\$53,775.00	\$10.00	\$59,750.00	\$12.00	\$71,700.00	\$11.00	\$65,725.00
3	203	Borrow	50	C.Y.	\$8.00	\$400.00	\$12.00	\$600.00	\$1.00	\$50.00	\$20.00	\$1,000.00
4	203	Proof Rolling	10	HOUR	\$150.00	\$1,500.00	\$1.00	\$10.00	\$1.00	\$10.00	\$120.00	\$1,200.00
5	203	Aggregate Refill, Type 1	6000	C.Y.	\$25.00	\$150,000.00	\$37.00	\$222,000.00	\$37.00	\$222,000.00	\$46.00	\$276,000.00
6	203	Aggregate Refill, Type 2	500	C.Y.	\$25.00	\$12,500.00	\$5.00	\$2,500.00	\$39.00	\$19,500.00	\$40.00	\$20,000.00
7	207	Temporary Seeding and Mulching	200	S.Y.	\$0.50	\$100.00	\$0.10	\$20.00	\$0.01	\$2.00	\$1.00	\$200.00
8	207	Filter Fabric Fence	1400	L.F.	\$2.00	\$2,800.00	\$0.50	\$700.00	\$0.01	\$14.00	\$1.70	\$2,380.00
9	254	12 inch Ductile Iron Pipe (for Culvert)	65		\$50.00	\$3,250.00	\$30.00	\$1,950.00	\$45.00	\$2,925.00	\$58.00	\$3,770.00
10	265	Water Main Valve Boxes Adjusted	45	EACH	\$75.00	\$3,375.00	\$150.00	\$6,750.00	\$10.00	\$450.00	\$100.00	\$4,500.00
11	301	7-3/4 inch Bituminous Aggregate Base	3100	C.Y.	\$95.00	\$294,500.00	\$95.00	\$294,500.00	\$100.00	\$310,000.00	\$101.00	\$313,100.00
12	301	6 inch Bituminous Aggregate Base	125	C.Y.	\$95.00	\$11,875.00	\$95.00	\$11,875.00	\$100.00	\$12,500.00	\$101.00	\$12,625.00
13	407	Tack Coat	2950	GAL.	\$1.50	\$4,425.00	\$1.70	\$5,015.00	\$1.14	\$3,363.00	\$1.50	\$4,425.00
14	410	Drive and Walkway Sealcoat	65	S.Y.	\$5.00	\$325.00	\$1.00	\$65.00	\$8.00	\$520.00	\$7.00	\$455.00
15	414	Crack Sealing Filler	1500	LBS.	\$8.00	\$12,000.00	\$1.00	\$1,500.00	\$3.60	\$5,400.00	\$3.60	\$5,400.00
16	446	Asphalt Concrete Intermediate Course, Type 2 Heavy, PG 64-28, 2-3/4 inches Thick	1100	C.Y.	\$125.00	\$137,500.00	\$135.00	\$148,500.00	\$143.00	\$157,300.00	\$123.00	\$135,300.00
17	446	Asphalt Concrete Surface Course, Type 1 Heavy, PG 70-22M, 1-1/2 inches Thick	600	C.Y.	\$125.00	\$75,000.00	\$159.00	\$95,400.00	\$169.00	\$101,400.00	\$146.00	\$87,600.00
18	448	Asphalt Concrete Surface Course, Type 1, 1-1/4 inches Thick	30	C.Y.	\$125.00	\$3,750.00	\$159.00	\$4,770.00	\$169.00	\$5,070.00	\$155.00	\$4,650.00
19	448	Asphalt Concrete, 4" Thick Driveway Reconstruction	75	C.Y.	\$125.00	\$9,375.00	\$150.00	\$11,250.00	\$187.00	\$14,025.00	\$230.00	\$17,250.00
20	451	9 inch Reinforced Portland Cement Concrete Pavement (Partial Replacement)	1500	S.Y.	\$55.00	\$82,500.00	\$45.00	\$67,500.00	\$59.00	\$88,500.00	\$51.00	\$76,500.00
21	451	9 inch Reinforced Portland Cement Concrete Pavement (Partial Replacement) , Type MS	200	S.Y.	\$75.00	\$15,000.00	\$49.00	\$9,800.00	\$65.00	\$13,000.00	\$52.00	\$10,400.00
22	455	Curb, Type 6" X 18"	500	L.F.	\$20.00	\$10,000.00	\$14.00	\$7,000.00	\$12.00	\$6,000.00	\$12.00	\$6,000.00
23	455	Combination Curb and Gutter, Modified	7150	L.F.	\$13.00	\$92,950.00	\$14.00	\$100,100.00	\$12.00	\$85,800.00	\$12.00	\$85,800.00
24	456	Concrete Walk, 4 inches Thick House Walk	50	S.F.	\$5.00	\$250.00	\$3.65	\$182.50	\$5.00	\$250.00	\$10.00	\$500.00
25	456	Concrete Walk, 4 inches Thick	3550	S.F.	\$3.75	\$13,312.50	\$3.65	\$12,957.50	\$3.55	\$12,602.50	\$3.60	\$12,780.00
26	456	Concrete Walk, 6 inches Thick	21300	S.F.	\$4.00	\$85,200.00	\$3.85	\$82,005.00	\$3.90	\$83,070.00	\$4.00	\$85,200.00
27	456	Curb Ramps (All Types)	45	EACH	\$200.00	\$9,000.00	\$125.00	\$5,625.00	\$150.00	\$6,750.00	\$155.00	\$6,975.00
28	456	Concrete Driveway Reconstruction, 6 inches Thick	125	S.F.	\$4.00	\$500.00	\$3.85	\$481.25	\$10.00	\$1,250.00	\$5.00	\$625.00
29	456	Concrete Aprons, 6" Thick	3300	S.F.	\$4.00	\$13,200.00	\$3.85	\$12,705.00	\$4.50	\$14,850.00	\$4.00	\$13,200.00
30	460	Brick Walk, Standard	520	S.F.	\$15.00	\$7,800.00	\$10.00	\$5,200.00	\$18.00	\$9,360.00	\$12.00	\$6,240.00
31	464	Horizontal Sawing of Curb	50	L.F.	\$10.00	\$500.00	\$8.00	\$400.00	\$10.00	\$500.00	\$7.50	\$375.00
32	552	8 inch Storm Sewer, Type A, Class "B" Bedding	75	L.F.	\$30.00	\$2,250.00	\$20.00	\$1,500.00	\$55.00	\$4,125.00	\$23.00	\$1,725.00
33	553	12 inch Inlet Connection, VCP, Class "B" Bedding	75	L.F.	\$60.00	\$4,500.00	\$49.00	\$3,675.00	\$45.00	\$3,375.00	\$62.00	\$4,650.00
34	553	12 inch Inlet Connection, RCP, Class "B" Bedding	250	L.F.	\$60.00	\$15,000.00	\$49.00	\$12,250.00	\$45.00	\$11,250.00	\$44.00	\$11,000.00
35	556	House Drain Pipe, Complete	50	EACH	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$1.00	\$50.00	\$37.00	\$1,850.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Vito Girona Construction		2. Liberta cba Cioffi		3. Karvo Paving	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
36	556	House Drain Pipe, Type A	240	L.F.	\$10.00	\$2,400.00	\$1.00	\$240.00	\$0.01	\$2.40	\$7.00	\$1,680.00
37	556	House Drain Pipe, Type B	240	L.F.	\$5.00	\$1,200.00	\$1.00	\$240.00	\$0.01	\$2.40	\$4.00	\$960.00
38	560	6 Storm Lateral (incl Clean-Outs)	100	L.F.	\$60.00	\$6,000.00	\$10.00	\$1,000.00	\$36.00	\$3,600.00	\$22.00	\$2,200.00
39	561	6 inch 45 deg. Bend	2	EACH	\$35.00	\$70.00	\$20.00	\$40.00	\$10.00	\$20.00	\$35.00	\$70.00
40	561	Manhole Frame and Cover	5	EACH	\$350.00	\$1,750.00	\$200.00	\$1,000.00	\$265.00	\$1,325.00	\$270.00	\$1,350.00
41	562	Brick Manhole Adjusted	41	EACH	\$250.00	\$10,250.00	\$300.00	\$12,300.00	\$150.00	\$6,150.00	\$350.00	\$14,350.00
42	562	Brick Manhole Rebuilt	30	L.F.	\$250.00	\$7,500.00	\$250.00	\$7,500.00	\$100.00	\$3,000.00	\$180.00	\$5,400.00
43	562	Manhole Rechanneled	2	EACH	\$700.00	\$1,400.00	\$750.00	\$1,500.00	\$900.00	\$1,800.00	\$500.00	\$1,000.00
44	563	Inlet Adjusted	2	EACH	\$300.00	\$600.00	\$550.00	\$1,100.00	\$150.00	\$300.00	\$300.00	\$600.00
45	563	Inlet, No. 5, (Casting Supplied by City)	30	EACH	\$1,000.00	\$30,000.00	\$1,300.00	\$39,000.00	\$900.00	\$27,000.00	\$1,200.00	\$36,000.00
46	563	Inlet, Double No. 5, (Casting Supplied by City)	9	EACH	\$1,200.00	\$10,800.00	\$1,700.00	\$15,300.00	\$1,000.00	\$9,000.00	\$1,200.00	\$10,800.00
47	564	4 inch Pipe Underdrains	6625	L.F.	\$3.00	\$19,875.00	\$3.00	\$19,875.00	\$3.00	\$19,875.00	\$2.75	\$18,218.75
48	604	Bank Run Gravel	30	C.Y.	\$15.00	\$450.00	\$5.00	\$150.00	\$1.00	\$30.00	\$14.00	\$420.00
49	609	Engineering Geogrid for Roadways, TypeBX -1200 (Partial Replacement)	1470	S.Y.	\$4.00	\$5,880.00	\$2.90	\$4,263.00	\$5.38	\$7,908.60	\$5.95	\$8,746.50
50	609	Engineering Geogrid for Roadways, TypeBX -1200 (Full Replacement)	16500	S.Y.	\$4.00	\$66,000.00	\$2.90	\$47,850.00	\$5.38	\$88,770.00	\$5.95	\$98,175.00
51	609	Engineering Geogrid for Roadways, TypeBX -1300	200	S.Y.	\$4.00	\$800.00	\$3.10	\$620.00	\$5.00	\$1,000.00	\$6.00	\$1,200.00
52	613	Uniformed Law Enforcement Officer with Patrol Car	240	HOUR	\$30.00	\$7,200.00	\$25.00	\$6,000.00	\$1.00	\$240.00	\$40.00	\$9,600.00
53	614	Maintaining Traffic	1	L.S.	\$10,000.00	\$10,000.00	\$2,000.00	\$2,000.00	\$8,000.00	\$8,000.00	\$25,000.00	\$25,000.00
54	618	Computer Equipment	1	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
55	619	Field Office	1	L.S.	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$4,800.00	\$4,800.00	\$9,000.00	\$9,000.00
56	622	Monument Boxes	26	EACH	\$350.00	\$9,100.00	\$300.00	\$7,800.00	\$350.00	\$9,100.00	\$300.00	\$7,800.00
57	623	Construction Layout Stakes	1	L.S.	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00	\$4,000.00	\$4,000.00	\$10,000.00	\$10,000.00
58	624	Mobilization	1	L.S.	\$10,000.00	\$10,000.00	\$17,500.00	\$17,500.00	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00
59	625	Conduit Riser, 2" Diameter, As Per Plan	3	EACH	\$300.00	\$900.00	\$475.00	\$1,425.00	\$285.00	\$855.00	\$285.00	\$855.00
60	625	Ground Rod (Including #4 ground wire)	18	EACH	\$125.00	\$2,250.00	\$200.00	\$3,600.00	\$113.50	\$2,043.00	\$113.50	\$2,043.00
61	625	Pull Box, 24" x 36" x 24" Reinforced Polymer Concrete	11	EACH	\$850.00	\$9,350.00	\$820.00	\$9,020.00	\$714.00	\$7,854.00	\$714.00	\$7,854.00
62	625	Pull Box, 30" x 48" x 24" Reinforced Polymer Concrete	4	EACH	\$1,000.00	\$4,000.00	\$1,245.00	\$4,980.00	\$996.00	\$3,984.00	\$996.00	\$3,984.00
63	625	Trenching and Backfill, 24" Deep (Traffic)	1020	L.F.	\$15.00	\$15,300.00	\$3.65	\$3,723.00	\$4.65	\$4,743.00	\$4.65	\$4,743.00
64	625	2" Schedule 40 PVC Conduit, Not Encased	100	L.F.	\$4.00	\$400.00	\$3.40	\$340.00	\$1.95	\$195.00	\$1.95	\$195.00
65	625	2" Schedule 40 PVC Conduit, Encased	110	L.F.	\$20.00	\$2,200.00	\$8.60	\$946.00	\$5.85	\$643.50	\$5.85	\$643.50
66	625	3" Schedule 40 PVC Conduit (Traffic)	575	L.F.	\$6.00	\$3,450.00	\$4.20	\$2,415.00	\$3.00	\$1,725.00	\$3.00	\$1,725.00
67	625	3" Schedule 40 PVC Conduit, Encased (Traffic)	410	L.F.	\$15.00	\$6,150.00	\$9.60	\$3,936.00	\$8.15	\$3,341.50	\$8.15	\$3,341.50
68	625	3" HDPE Conduit (Directional Bored) - Minimum 5.5 ft. below track rail.(2 Each)	80	L.F.	\$60.00	\$4,800.00	\$30.00	\$2,400.00	\$36.00	\$2,880.00	\$34.50	\$2,760.00
69	629	Street Name Sign	32	EACH	\$350.00	\$11,200.00	\$110.00	\$3,520.00	\$93.50	\$2,992.00	\$93.50	\$2,992.00
70	629	Street Name Sign Pole	10	EACH	\$100.00	\$1,000.00	\$180.00	\$1,800.00	\$113.00	\$1,130.00	\$113.00	\$1,130.00
71	629	Street Name Sign Assembly	10	EACH	\$200.00	\$2,000.00	\$400.00	\$4,000.00	\$117.00	\$1,170.00	\$117.00	\$1,170.00
72	629	Street Name Sign Assembly on Mast Arm	6	EACH	\$250.00	\$1,500.00	\$375.00	\$2,250.00	\$223.00	\$1,338.00	\$223.00	\$1,338.00

BID TAB FOR: North Hawkins Avenue

FILE NO. 2004-024-00

BID DATE: April 2, 2009

CODE: S00227.150227

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Vito Gironda Construction		2. Liberta cba Cioffi		3. Karvo Paving	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
73	629	Street Name Sign Assembly Reset	10	EACH	\$200.00	\$2,000.00	\$100.00	\$1,000.00	\$132.50	\$1,325.00	\$132.50	\$1,325.00
74	630	Traffic Sign - Type A	20	EACH	\$250.00	\$5,000.00	\$135.00	\$2,700.00	\$104.00	\$2,080.00	\$104.00	\$2,080.00
75	630	Traffic Sign - Type B	20	EACH	\$250.00	\$5,000.00	\$180.00	\$3,600.00	\$141.00	\$2,820.00	\$141.00	\$2,820.00
76	630	Traffic Sign Removed	10	EACH	\$15.00	\$150.00	\$25.00	\$250.00	\$1.00	\$10.00	\$31.00	\$310.00
77	630	Traffic Sign Reset	10	EACH	\$25.00	\$250.00	\$95.00	\$950.00	\$107.50	\$1,075.00	\$107.50	\$1,075.00
78	632	Signal Support Foundation, Design 3	5	EACH	\$5,000.00	\$25,000.00	\$2,025.00	\$10,125.00	\$1,863.00	\$9,315.00	\$1,863.00	\$9,315.00
79	632	Signal Support Foundation, Design 11	2	EACH	\$6,500.00	\$13,000.00	\$2,750.00	\$5,500.00	\$2,385.00	\$4,770.00	\$2,385.00	\$4,770.00
80	632	Signal Support Foundation, Design 12	1	EACH	\$8,000.00	\$8,000.00	\$3,080.00	\$3,080.00	\$2,670.00	\$2,670.00	\$2,670.00	\$2,670.00
81	632	Pedestrian Signal Foundation	6	EACH	\$500.00	\$3,000.00	\$490.00	\$2,940.00	\$494.00	\$2,964.00	\$494.00	\$2,964.00
82	633	Controller Foundation	3	EACH	\$1,000.00	\$3,000.00	\$1,440.00	\$4,320.00	\$1,116.00	\$3,348.00	\$1,116.00	\$3,348.00
83	653	Topsoil Furnished & Placed, 4" Thick	1000	S.Y.	\$5.00	\$5,000.00	\$3.50	\$3,500.00	\$2.00	\$2,000.00	\$3.50	\$3,500.00
84	659	Lawn Seeding and Mulching	1000	S.Y.	\$1.50	\$1,500.00	\$1.50	\$1,500.00	\$1.15	\$1,150.00	\$1.50	\$1,500.00
85	660	Sodding	1600	S.Y.	\$7.00	\$11,200.00	\$7.00	\$11,200.00	\$7.00	\$11,200.00	\$7.00	\$11,200.00
86	663	Tree Planting with Grate	5	EACH	\$1,000.00	\$5,000.00	\$1,600.00	\$8,000.00	\$1,525.00	\$7,625.00	\$1,800.00	\$9,000.00
87	669	Protecting Trees	1	L.S.	\$3,000.00	\$3,000.00	\$500.00	\$500.00	\$100.00	\$100.00	\$500.00	\$500.00
88	669	Root Cutting (Pre-Excavation)	50	L.F.	\$2.50	\$125.00	\$5.00	\$250.00	\$1.00	\$50.00	\$5.00	\$250.00
89	SPEC	ODOT CB 2-2B with Heavy Duty Grate	1	EACH	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00	\$550.00	\$550.00
90	SPEC	Rail Road Flagger	1	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

ALTERNATE #1

ALT#1	451	9 inch Reinforced Portland Cement Concrete Pavement (Full Replacement), as per plan	12,020.00	S.Y.	\$50.00	\$601,000.00	\$43.00	\$516,860.00	\$55.20	\$663,504.00	\$45.00	\$540,900.00
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TOTAL CONSTRUCTION COSTS \$1,525,912.50 \$1,538,584.25 \$1,577,380.90 \$1,656,921.25

+/- ENGINEER'S ESTIMATE +0.8% +3.4% +8.6%

ALTERNATE #1

TOTAL CONSTRUCTION COSTS \$601,000.00 \$516,860.00 \$663,504.00 \$540,900.00

+/- ENGINEER'S ESTIMATE -14.0% +10.4% -10.0%

* Unoffice Construction Cost incorrect in bid book

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*4. Cementech Inc.		5. Kenmore Construction		6. Lockhart Concrete Co.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$15,000.00	\$15,000.00	\$12,500.00	\$12,500.00	\$5,000.00	\$5,000.00	\$52,000.00	\$52,000.00
2	203	Excavation Including Embankment Construction	5975	C.Y.	\$9.00	\$53,775.00	\$14.50	\$86,637.50	\$18.00	\$107,550.00	\$20.00	\$119,500.00
3	203	Borrow	50	C.Y.	\$8.00	\$400.00	\$25.00	\$1,250.00	\$40.00	\$2,000.00	\$10.00	\$500.00
4	203	Proof Rolling	10	HOUR	\$150.00	\$1,500.00	\$60.00	\$600.00	\$80.00	\$800.00	\$75.00	\$750.00
5	203	Aggregate Refill, Type 1	6000	C.Y.	\$25.00	\$150,000.00	\$35.60	\$213,600.00	\$41.00	\$246,000.00	\$32.00	\$192,000.00
6	203	Aggregate Refill, Type 2	500	C.Y.	\$25.00	\$12,500.00	\$37.00	\$18,500.00	\$42.00	\$21,000.00	\$36.00	\$18,000.00
7	207	Temporary Seeding and Mulching	200	S.Y.	\$0.50	\$100.00	\$2.50	\$500.00	\$0.01	\$2.00	\$2.00	\$400.00
8	207	Filter Fabric Fence	1400	L.F.	\$2.00	\$2,800.00	\$2.00	\$2,800.00	\$0.01	\$14.00	\$2.00	\$2,800.00
9	254	12 inch Ductile Iron Pipe (for Culvert)	65		\$50.00	\$3,250.00	\$76.00	\$4,940.00	\$95.00	\$6,175.00	\$75.00	\$4,875.00
10	265	Water Main Valve Boxes Adjusted	45	EACH	\$75.00	\$3,375.00	\$70.00	\$3,150.00	\$50.00	\$2,250.00	\$30.00	\$1,350.00
11	301	7-3/4 inch Bituminous Aggregate Base	3100	C.Y.	\$95.00	\$294,500.00	\$101.00	\$313,100.00	\$100.00	\$310,000.00	\$95.00	\$294,500.00
12	301	6 inch Bituminous Aggregate Base	125	C.Y.	\$95.00	\$11,875.00	\$101.00	\$12,625.00	\$100.00	\$12,500.00	\$95.00	\$11,875.00
13	407	Tack Coat	2950	GAL.	\$1.50	\$4,425.00	\$1.50	\$4,425.00	\$2.50	\$7,375.00	\$1.70	\$5,015.00
14	410	Drive and Walkway Sealcoat	65	S.Y.	\$5.00	\$325.00	\$3.00	\$195.00	\$5.00	\$325.00	\$15.00	\$975.00
15	414	Crack Sealing Filler	1500	LBS.	\$8.00	\$12,000.00	\$3.50	\$5,250.00	\$3.50	\$5,250.00	\$3.00	\$4,500.00
16	446	Asphalt Concrete Intermediate Course, Type 2 Heavy, PG 64-28, 2-3/4 inches Thick	1100	C.Y.	\$125.00	\$137,500.00	\$123.00	\$135,300.00	\$140.00	\$154,000.00	\$135.00	\$148,500.00
17	446	Asphalt Concrete Surface Course, Type 1 Heavy, PG 70-22M, 1-1/2 inches Thick	600	C.Y.	\$125.00	\$75,000.00	\$142.00	\$85,200.00	\$160.00	\$96,000.00	\$159.00	\$95,400.00
18	448	Asphalt Concrete Surface Course, Type 1, 1-1/4 inches Thick	30	C.Y.	\$125.00	\$3,750.00	\$155.00	\$4,650.00	\$160.00	\$4,800.00	\$159.00	\$4,770.00
19	448	Asphalt Concrete, 4" Thick Driveway Reconstruction	75	C.Y.	\$125.00	\$9,375.00	\$230.00	\$17,250.00	\$150.00	\$11,250.00	\$280.00	\$21,000.00
20	451	9 inch Reinforced Portland Cement Concrete Pavement (Partial Replacement)	1500	S.Y.	\$55.00	\$82,500.00	\$58.80	\$88,200.00	\$60.00	\$90,000.00	\$80.00	\$120,000.00
21	451	9 inch Reinforced Portland Cement Concrete Pavement (Partial Replacement) , Type MS	200	S.Y.	\$75.00	\$15,000.00	\$61.40	\$12,280.00	\$65.00	\$13,000.00	\$85.00	\$17,000.00
22	455	Curb, Type 6" X 18"	500	L.F.	\$20.00	\$10,000.00	\$18.00	\$9,000.00	\$15.00	\$7,500.00	\$15.00	\$7,500.00
23	455	Combination Curb and Gutter, Modified	7150	L.F.	\$13.00	\$92,950.00	\$10.85	\$77,577.50	\$14.00	\$100,100.00	\$20.00	\$143,000.00
24	456	Concrete Walk, 4 inches Thick House Walk	50	S.F.	\$5.00	\$250.00	\$7.00	\$350.00	\$5.00	\$250.00	\$5.00	\$250.00
25	456	Concrete Walk, 4 inches Thick	3550	S.F.	\$3.75	\$13,312.50	\$4.40	\$15,620.00	\$4.50	\$15,975.00	\$5.00	\$17,750.00
26	456	Concrete Walk, 6 inches Thick	21300	S.F.	\$4.00	\$85,200.00	\$4.80	\$102,240.00	\$4.50	\$95,850.00	\$6.00	\$127,800.00
27	456	Curb Ramps (All Types)	45	EACH	\$200.00	\$9,000.00	\$200.00	\$9,000.00	\$250.00	\$11,250.00	\$250.00	\$11,250.00
28	456	Concrete Driveway Reconstruction, 6 inches Thick	125	S.F.	\$4.00	\$500.00	\$6.00	\$750.00	\$5.00	\$625.00	\$7.00	\$875.00
29	456	Concrete Aprons, 6" Thick	3300	S.F.	\$4.00	\$13,200.00	\$4.80	\$15,840.00	\$5.00	\$16,500.00	\$7.00	\$23,100.00
30	460	Brick Walk, Standard	520	S.F.	\$15.00	\$7,800.00	\$19.00	\$9,880.00	\$15.00	\$7,800.00	\$15.00	\$7,800.00
31	464	Horizontal Sawing of Curb	50	L.F.	\$10.00	\$500.00	\$10.00	\$500.00	\$10.00	\$500.00	\$10.00	\$500.00
32	552	8 inch Storm Sewer, Type A, Class "B" Bedding	75	L.F.	\$30.00	\$2,250.00	\$20.00	\$1,500.00	\$50.00	\$3,750.00	\$60.00	\$4,500.00
33	553	12 inch Inlet Connection, VCP, Class "B" Bedding	75	L.F.	\$60.00	\$4,500.00	\$60.00	\$4,500.00	\$50.00	\$3,750.00	\$75.00	\$5,625.00
34	553	12 inch Inlet Connection, RCP, Class "B" Bedding	250	L.F.	\$60.00	\$15,000.00	\$60.00	\$15,000.00	\$70.00	\$17,500.00	\$75.00	\$18,750.00
35	556	House Drain Pipe, Complete	50	EACH	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$1.00	\$50.00	\$50.00	\$2,500.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*4. Cementech Inc.		5. Kenmore Construction		6. Lockhart Concrete Co.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
36	556	House Drain Pipe, Type A	240	L.F.	\$10.00	\$2,400.00	\$8.00	\$1,920.00	\$0.01	\$2.40	\$6.00	\$1,440.00
37	556	House Drain Pipe, Type B	240	L.F.	\$5.00	\$1,200.00	\$8.00	\$1,920.00	\$0.01	\$2.40	\$6.00	\$1,440.00
38	560	6 Storm Lateral (incl Clean-Outs)	100	L.F.	\$60.00	\$6,000.00	\$38.00	\$3,800.00	\$30.00	\$3,000.00	\$15.00	\$1,500.00
39	561	6 inch 45 deg. Bend	2	EACH	\$35.00	\$70.00	\$45.00	\$90.00	\$1.00	\$2.00	\$10.00	\$20.00
40	561	Manhole Frame and Cover	5	EACH	\$350.00	\$1,750.00	\$400.00	\$2,000.00	\$400.00	\$2,000.00	\$400.00	\$2,000.00
41	562	Brick Manhole Adjusted	41	EACH	\$250.00	\$10,250.00	\$370.00	\$15,170.00	\$250.00	\$10,250.00	\$250.00	\$10,250.00
42	562	Brick Manhole Rebuilt	30	L.F.	\$250.00	\$7,500.00	\$200.00	\$6,000.00	\$300.00	\$9,000.00	\$250.00	\$7,500.00
43	562	Manhole Rechanneled	2	EACH	\$700.00	\$1,400.00	\$1,800.00	\$3,600.00	\$800.00	\$1,600.00	\$400.00	\$800.00
44	563	Inlet Adjusted	2	EACH	\$300.00	\$600.00	\$500.00	\$1,000.00	\$350.00	\$700.00	\$250.00	\$500.00
45	563	Inlet, No. 5, (Casting Supplied by City)	30	EACH	\$1,000.00	\$30,000.00	\$1,700.00	\$51,000.00	\$1,000.00	\$30,000.00	\$850.00	\$25,500.00
46	563	Inlet, Double No. 5, (Casting Supplied by City)	9	EACH	\$1,200.00	\$10,800.00	\$1,800.00	\$16,200.00	\$1,100.00	\$9,900.00	\$1,000.00	\$9,000.00
47	564	4 inch Pipe Underdrains	6625	L.F.	\$3.00	\$19,875.00	\$4.80	\$31,800.00	\$3.00	\$19,875.00	\$5.00	\$33,125.00
48	604	Bank Run Gravel	30	C.Y.	\$15.00	\$450.00	\$25.00	\$750.00	\$0.01	\$0.30	\$20.00	\$600.00
49	609	Engineering Geogrid for Roadways, TypeBX -1200 (Partial Replacement)	1470	S.Y.	\$4.00	\$5,880.00	\$5.80	\$8,526.00	\$6.00	\$8,820.00	\$5.00	\$7,350.00
		Engineering Geogrid for Roadways, TypeBX -1200 (Full Replacement)	16500	S.Y.	\$4.00	\$66,000.00	\$5.15	\$84,975.00	\$6.00	\$99,000.00	\$5.00	\$82,500.00
51	609	Engineering Geogrid for Roadways, TypeBX -1300	200	S.Y.	\$4.00	\$800.00	\$5.10	\$1,020.00	\$6.00	\$1,200.00	\$5.00	\$1,000.00
52	613	Uniformed Law Enforcement Officer with Patrol Car	240	HOUR	\$30.00	\$7,200.00	\$42.00	\$10,080.00	\$40.00	\$9,600.00	\$33.00	\$7,920.00
53	614	Maintaining Traffic	1	L.S.	\$10,000.00	\$10,000.00	\$18,000.00	\$18,000.00	\$25,000.00	\$25,000.00	\$99,000.00	\$99,000.00
54	618	Computer Equipment	1	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
55	619	Field Office	1	L.S.	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00
56	622	Monument Boxes	26	EACH	\$350.00	\$9,100.00	\$500.00	\$13,000.00	\$250.00	\$6,500.00	\$250.00	\$6,500.00
57	623	Construction Layout Stakes	1	L.S.	\$12,000.00	\$12,000.00	\$17,000.00	\$17,000.00	\$12,000.00	\$12,000.00	\$50,000.00	\$50,000.00
58	624	Mobilization	1	L.S.	\$10,000.00	\$10,000.00	\$19,350.00	\$19,350.00	\$25,000.00	\$25,000.00	\$30,000.00	\$30,000.00
59	625	Conduit Riser, 2" Diameter, As Per Plan	3	EACH	\$300.00	\$900.00	\$285.00	\$855.00	\$250.00	\$750.00	\$285.00	\$855.00
60	625	Ground Rod (Including #4 ground wire)	18	EACH	\$125.00	\$2,250.00	\$113.00	\$2,034.00	\$100.00	\$1,800.00	\$113.50	\$2,043.00
61	625	Pull Box, 24" x 36" x 24" Reinforced Polymer Concrete	11	EACH	\$850.00	\$9,350.00	\$714.00	\$7,854.00	\$700.00	\$7,700.00	\$714.00	\$7,854.00
62	625	Pull Box, 30" x 48" x 24" Reinforced Polymer Concrete	4	EACH	\$1,000.00	\$4,000.00	\$996.00	\$3,984.00	\$900.00	\$3,600.00	\$996.00	\$3,984.00
63	625	Trenching and Backfill, 24" Deep (Traffic)	1020	L.F.	\$15.00	\$15,300.00	\$4.65	\$4,743.00	\$5.00	\$5,100.00	\$4.65	\$4,743.00
64	625	2" Schedule 40 PVC Conduit, Not Encased	100	L.F.	\$4.00	\$400.00	\$1.95	\$195.00	\$2.00	\$200.00	\$1.95	\$195.00
65	625	2" Schedule 40 PVC Conduit, Encased	110	L.F.	\$20.00	\$2,200.00	\$5.85	\$643.50	\$5.50	\$605.00	\$5.85	\$643.50
66	625	3" Schedule 40 PVC Conduit (Traffic)	575	L.F.	\$6.00	\$3,450.00	\$3.00	\$1,725.00	\$2.50	\$1,437.50	\$3.00	\$1,725.00
67	625	3" Schedule 40 PVC Conduit, Encased (Traffic)	410	L.F.	\$15.00	\$6,150.00	\$8.15	\$3,341.50	\$8.00	\$3,280.00	\$8.15	\$3,341.50
68	625	3" HDPE Conduit (Directional Bored) - Minimum 5.5 ft. below track rail.(2 Each)	80	L.F.	\$60.00	\$4,800.00	\$34.50	\$2,760.00	\$30.00	\$2,400.00	\$34.50	\$2,760.00
69	629	Street Name Sign	32	EACH	\$350.00	\$11,200.00	\$93.50	\$2,992.00	\$100.00	\$3,200.00	\$93.50	\$2,992.00
70	629	Street Name Sign Pole	10	EACH	\$100.00	\$1,000.00	\$113.00	\$1,130.00	\$100.00	\$1,000.00	\$113.00	\$1,130.00
71	629	Street Name Sign Assembly	10	EACH	\$200.00	\$2,000.00	\$117.00	\$1,170.00	\$100.00	\$1,000.00	\$117.00	\$1,170.00
72	629	Street Name Sign Assembly on Mast Arm	6	EACH	\$250.00	\$1,500.00	\$223.00	\$1,338.00	\$200.00	\$1,200.00	\$223.00	\$1,338.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*4. Cementech Inc.		5. Kenmore Construction		6. Lockhart Concrete Co.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
73	629	Street Name Sign Assembly Reset	10	EACH	\$200.00	\$2,000.00	\$132.50	\$1,325.00	\$100.00	\$1,000.00	\$132.50	\$1,325.00
74	630	Traffic Sign - Type A	20	EACH	\$250.00	\$5,000.00	\$104.00	\$2,080.00	\$100.00	\$2,000.00	\$104.00	\$2,080.00
75	630	Traffic Sign - Type B	20	EACH	\$250.00	\$5,000.00	\$141.00	\$2,820.00	\$100.00	\$2,000.00	\$141.00	\$2,820.00
76	630	Traffic Sign Removed	10	EACH	\$15.00	\$150.00	\$31.00	\$310.00	\$50.00	\$500.00	\$31.00	\$310.00
77	630	Traffic Sign Reset	10	EACH	\$25.00	\$250.00	\$107.60	\$1,076.00	\$100.00	\$1,000.00	\$107.50	\$1,075.00
78	632	Signal Support Foundation, Design 3	5	EACH	\$5,000.00	\$25,000.00	\$1,863.00	\$9,315.00	\$1,500.00	\$7,500.00	\$1,863.00	\$9,315.00
79	632	Signal Support Foundation, Design 11	2	EACH	\$6,500.00	\$13,000.00	\$2,385.00	\$4,770.00	\$2,000.00	\$4,000.00	\$2,385.00	\$4,770.00
80	632	Signal Support Foundation, Design 12	1	EACH	\$8,000.00	\$8,000.00	\$2,670.00	\$2,670.00	\$2,500.00	\$2,500.00	\$2,670.00	\$2,670.00
81	632	Pedestrian Signal Foundation	6	EACH	\$500.00	\$3,000.00	\$494.00	\$2,964.00	\$450.00	\$2,700.00	\$494.00	\$2,964.00
82	633	Controller Foundation	3	EACH	\$1,000.00	\$3,000.00	\$1,116.00	\$3,348.00	\$1,000.00	\$3,000.00	\$1,116.00	\$3,348.00
83	653	Topsoil Furnished & Placed, 4" Thick	1000	S.Y.	\$5.00	\$5,000.00	\$4.00	\$4,000.00	\$2.50	\$2,500.00	\$3.50	\$3,500.00
84	659	Lawn Seeding and Mulching	1000	S.Y.	\$1.50	\$1,500.00	\$2.00	\$2,000.00	\$1.00	\$1,000.00	\$1.50	\$1,500.00
85	660	Sodding	1600	S.Y.	\$7.00	\$11,200.00	\$7.00	\$11,200.00	\$7.00	\$11,200.00	\$7.00	\$11,200.00
86	663	Tree Planting with Grate	5	EACH	\$1,000.00	\$5,000.00	\$2,500.00	\$12,500.00	\$1,500.00	\$7,500.00	\$1,400.00	\$7,000.00
87	669	Protecting Trees	1	L.S.	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$100.00	\$100.00	\$1,000.00	\$1,000.00
88	669	Root Cutting (Pre-Excavation)	50	L.F.	\$2.50	\$125.00	\$12.00	\$600.00	\$1.00	\$50.00	\$10.00	\$500.00
89	SPEC	ODOT CB 2-2B with Heavy Duty Grate	1	EACH	\$500.00	\$500.00	\$1,650.00	\$1,650.00	\$1,500.00	\$1,500.00	\$700.00	\$700.00
90	SPEC	Rail Road Flagger	1	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

ALTERNATE #1

ALT#1	451	9 inch Reinforced Portland Cement Concrete Pavement (Full Replacement), as per plan	12,020.00	S.Y.	\$50.00	\$601,000.00	\$40.80	\$490,416.00	\$58.00	\$697,160.00	\$52.00	\$625,040.00
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TOTAL CONSTRUCTION COSTS \$1,525,912.50 \$1,704,804.00 \$1,743,965.60 \$1,973,706.00

+/- ENGINEER'S ESTIMATE +11.7% +14.3% +29.3%

ALTERNATE #1

TOTAL CONSTRUCTION COSTS \$601,000.00 \$490,416.00 \$697,160.00 \$625,040.00

+/- ENGINEER'S ESTIMATE -18.4% +16.0% +4.0%

* Unoffice Construction Cost incorrect in bid book