

**Union Chapel Road Phase II**

**Engineer's Estimate - Base Bid**

						Gradex		E&B Paving		Calumet		Reith-Riley		Sunesis	
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENDED PRICE										
1	CONSTRUCTION ENGINEERING	LS	1	\$77,300.00	\$77,300.00	\$35,000.00	\$35,000.00	\$26,638.00	\$26,638.00	\$19,914.25	\$19,914.25	\$49,000.00	\$49,000.00	\$45,509.68	\$45,509.68
2	FIELD OFFICE, A	MOS	15	\$2,100.00	\$31,500.00	\$2,000.00	\$30,000.00	\$1,852.21	\$27,783.15	\$2,500.00	\$37,500.00	\$2,050.00	\$30,750.00	\$1,377.80	\$20,667.00
3	MOBILIZATION AND DEMOBILIZATION	LS	1	\$250,000.00	\$250,000.00	\$302,000.00	\$302,000.00	\$302,000.00	\$302,000.00	\$310,000.00	\$310,000.00	\$374,500.00	\$374,500.00	\$377,913.18	\$377,913.18
4	CLEARING RIGHT OF WAY	LS	1	\$5,000.00	\$5,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$75,000.00	\$75,000.00	\$25,000.00	\$25,000.00	\$19,901.03	\$19,901.03
5	MAINTAINING TRAFFIC	LS	1	\$10,000.00	\$10,000.00	\$50,000.00	\$50,000.00	\$36,280.00	\$36,280.00	\$4,000.00	\$4,000.00	\$12,410.11	\$12,410.11	\$61,337.30	\$61,337.30
6	EXCAVATION, COMMON	CYS	86925	\$8.00	\$695,400.00	\$3.44	\$299,022.00	\$3.44	\$299,022.00	\$5.50	\$478,087.50	\$7.70	\$669,322.50	\$12.47	\$1,083,954.75
7	EXCAVATION, PEAT	CYS	6000	\$8.00	\$48,000.00	\$6.50	\$39,000.00	\$6.50	\$39,000.00	\$9.25	\$55,500.00	\$13.00	\$78,000.00	\$5.86	\$35,160.00
8	BORROW	CYS	6020	\$8.00	\$48,160.00	\$1.00	\$6,020.00	\$1.00	\$6,020.00	\$1.00	\$6,020.00	\$6.00	\$36,120.00	\$13.28	\$79,945.60
9	TEMPORARY SILT FENCE	LFT	4520	\$1.50	\$6,780.00	\$1.15	\$5,198.00	\$1.15	\$5,198.00	\$1.15	\$5,198.00	\$1.25	\$5,650.00	\$3.91	\$17,673.20
10	TEMPORARY SLOPE DRAIN	LFT	676	\$16.00	\$10,816.00	\$9.00	\$6,084.00	\$9.00	\$6,084.00	\$15.00	\$10,140.00	\$16.30	\$11,018.80	\$6.63	\$4,481.88
11	TEMPORARY RIP RAP SPLASH PAD	TONS	72	\$30.00	\$2,160.00	\$25.00	\$1,800.00	\$25.00	\$1,800.00	\$34.00	\$2,448.00	\$85.33	\$6,143.76	\$28.21	\$2,031.12
12	TEMPORARY CHECK DAM, STRAW BALES	LFT	10	\$9.00	\$90.00	\$15.00	\$150.00	\$15.00	\$150.00	\$15.00	\$150.00	\$15.00	\$150.00	\$18.05	\$180.50
13	TEMPORARY CHECK DAM, RIP RAP	TONS	146	\$30.00	\$4,380.00	\$25.00	\$3,650.00	\$25.00	\$3,650.00	\$34.00	\$4,964.00	\$84.38	\$12,319.48	\$30.51	\$4,454.46
14	TEMPORARY INLET PROTECTION	EACH	3	\$150.00	\$450.00	\$150.00	\$450.00	\$150.00	\$450.00	\$150.00	\$450.00	\$150.00	\$450.00	\$156.57	\$469.71
15	TEMPORARY SEDIMENT BASIN	EACH	1	\$9,000.00	\$9,000.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$3,400.00	\$3,400.00	\$2,000.00	\$2,000.00	\$13,209.55	\$13,209.55
16	TEMPORARY SEDIMENT TRAP	EACH	6	\$1,000.00	\$6,000.00	\$1,000.00	\$6,000.00	\$1,000.00	\$6,000.00	\$250.00	\$1,500.00	\$1,000.00	\$6,000.00	\$1,839.19	\$11,035.14
17	SUBGRADE TREATMENT, TYPE IA	SYS	28417	\$8.00	\$227,336.00	\$3.95	\$112,247.15	\$4.10	\$116,509.70	\$3.90	\$110,826.30	\$4.60	\$130,718.20	\$5.16	\$146,631.72
18	COMPACTED AGGREGATE, 53, TEMP FOR DRIVES	TON	619	\$45.00	\$27,855.00	\$14.00	\$8,666.00	\$14.00	\$8,666.00	\$12.50	\$7,737.50	\$14.32	\$8,864.08	\$28.61	\$17,709.59
19	COMPACTED AGGREGATE, 53, BASE	TON	2175	\$20.00	\$43,500.00	\$13.00	\$28,275.00	\$13.00	\$28,275.00	\$25.00	\$54,375.00	\$23.21	\$50,481.75	\$18.08	\$39,324.00
20	COMPACTED AGGREGATE, 8	TON	147	\$50.00	\$7,350.00	\$17.00	\$2,499.00	\$17.00	\$2,499.00	\$20.00	\$2,940.00	\$41.00	\$6,027.00	\$27.74	\$4,077.78
21	NO 2 STONE FOR CONSTRUCTION ENTRANCE (UNDISTRIBUTED)	TON	100	\$16.00	\$1,600.00	\$15.00	\$1,500.00	\$15.00	\$1,500.00	\$15.00	\$1,500.00	\$30.00	\$3,000.00	\$23.52	\$2,352.00
22	CONCRETE PAVEMENT REMOVAL	SYS	500	\$18.00	\$9,000.00	\$7.00	\$3,500.00	\$7.00	\$3,500.00	\$13.00	\$6,500.00	\$7.04	\$3,520.00	\$4.82	\$2,410.00
23	HMA SURFACE TYPE B 9.5 mm	TON	1755	\$70.00	\$122,850.00	\$59.00	\$103,545.00	\$59.00	\$103,545.00	\$62.00	\$108,810.00	\$61.00	\$107,055.00	\$65.99	\$115,812.45
24	HMA SURFACE TYPE B 12.5 mm	TON	788	\$70.00	\$55,160.00	\$62.00	\$48,856.00	\$62.00	\$48,856.00	\$58.00	\$45,704.00	\$59.00	\$46,492.00	\$69.34	\$54,639.92
25	HMA INTERMEDIATE TYPE B 19.0 mm	TON	2943	\$60.00	\$176,580.00	\$43.00	\$126,549.00	\$43.00	\$126,549.00	\$52.00	\$153,036.00	\$46.00	\$135,378.00	\$48.09	\$141,528.87
26	HMA BASE, TYPE B, 25 mm	TON	12373	\$55.00	\$680,515.00	\$39.00	\$482,547.00	\$39.00	\$482,547.00	\$47.00	\$581,531.00	\$42.00	\$519,666.00	\$43.62	\$539,710.26
27	QC/QA HMA, 5, 76, INTERMEDIATE, OG 19.0 mm	TON	3015	\$60.00	\$180,900.00	\$39.00	\$117,585.00	\$39.00	\$117,585.00	\$58.00	\$174,870.00	\$47.00	\$141,705.00	\$43.62	\$131,514.30
28	HMA SURFACE TYPE A 9.5 mm (FOR APPROACHES)	TON	37	\$100.00	\$3,700.00	\$85.00	\$3,145.00	\$85.00	\$3,145.00	\$67.00	\$2,479.00	\$80.00	\$2,960.00	\$95.06	\$3,517.22
29	HMA INTERMEDIATE TYPE A 19.0 mm (FOR APPROACHES)	TON	122	\$90.00	\$10,980.00	\$85.00	\$10,370.00	\$85.00	\$10,370.00	\$59.50	\$7,259.00	\$70.00	\$8,540.00	\$95.06	\$11,597.32
30	ASPHALT FOR TACK COAT	TON	23	\$380.00	\$8,740.00	\$40.00	\$920.00	\$40.00	\$920.00	\$100.00	\$2,300.00	\$50.00	\$11,500.00	\$447.36	\$10,289.28
31	PCCP FOR DRIVES, 8 IN	SYS	365	\$100.00	\$36,500.00	\$60.00	\$21,900.00	\$60.00	\$21,900.00	\$47.88	\$17,476.20	\$56.00	\$20,440.00	\$64.79	\$23,648.35
32	PCCP FOR CROSSWALK, 6 IN	SYS	69	\$95.00	\$6,555.00	\$80.00	\$5,520.00	\$80.00	\$5,520.00	\$69.35	\$4,785.15	\$83.00	\$5,727.00	\$49.93	\$3,445.17
33	PCCP FOR PATH NODES, 6 IN	SYS	164	\$95.00	\$15,580.00	\$58.00	\$9,512.00	\$58.00	\$9,512.00	\$37.89	\$6,213.96	\$35.00	\$5,740.00	\$41.72	\$6,842.08
34	MAILBOX ASSEMBLY, SINGLE	EACH	2	\$175.00	\$350.00	\$139.40	\$278.80	\$180.00	\$360.00	\$139.40	\$278.80	\$139.40	\$278.80	\$263.44	\$526.88
35	DECORATIVE CONCRETE, 11.5 IN	SYS	505	\$130.00	\$65,650.00	\$70.00	\$35,350.00	\$70.00	\$35,350.00	\$84.75	\$42,798.75	\$82.00	\$41,410.00	\$78.29	\$39,536.45
36	DECORATIVE CONCRETE, 6 IN	SYS	375	\$70.00	\$26,250.00	\$70.00	\$26,250.00	\$70.00	\$26,250.00	\$77.28	\$28,980.00	\$75.00	\$28,125.00	\$78.29	\$29,358.75
37	18" BOX CURB W/ 6" FACE	LFT	560	\$20.00	\$11,200.00	\$12.90	\$7,224.00	\$12.90	\$7,224.00	\$12.42	\$6,955.20	\$22.00	\$12,320.00	\$14.43	\$8,080.80
38	2' INVERTED CONCRETE ROLL CURB/GUTTER TYPE I	LFT	1272	\$20.00	\$25,440.00	\$18.00	\$22,896.00	\$18.00	\$22,896.00	\$18.48	\$23,506.56	\$11.00	\$13,992.00	\$24.50	\$31,164.00
39	2' COMBINED CONCRETE CURB/GUTTER TYPE II (6")	LFT	6682	\$20.00	\$133,640.00	\$10.75	\$71,831.50	\$10.75	\$71,831.50	\$12.02	\$80,317.64	\$9.00	\$60,138.00	\$16.28	\$108,782.96
40	2' INVERTED COMBINED CONCRETE CURB/GUTTER TYPE II (6")	LFT	3646	\$20.00	\$72,920.00	\$10.75	\$39,194.50	\$10.75	\$39,194.50	\$10.98	\$40,033.08	\$9.00	\$32,814.00	\$16.31	\$59,466.26
41	CURB, DEPRESSED	LFT	763	\$25.00	\$19,075.00	\$10.75	\$8,202.25	\$10.75	\$8,202.25	\$12.25	\$9,346.75	\$26.00	\$19,838.00	\$12.02	\$9,171.26
42	CURB RAMP, CONCRETE	SYS	143	\$150.00	\$21,450.00	\$70.00	\$10,010.00	\$70.00	\$10,010.00	\$69.20	\$9,895.60	\$79.00	\$11,297.00	\$78.29	\$11,195.47
43	CURB RAMP, CASTING, DETECTABLE WARNING PLATE 2'X2'	EACH	112	\$100.00	\$11,200.00	\$100.00	\$11,200.00	\$100.00	\$11,200.00	\$108.77	\$12,182.24	\$105.00	\$11,760.00	\$111.84	\$12,526.08
44	SODDING, NURSERY	SYS	6805	\$3.00	\$20,415.00	\$2.50	\$17,012.50	\$2.50	\$17,012.50	\$3.07	\$20,891.35	\$3.07	\$20,891.35	\$3.91	\$26,607.55
45	MONUMENT, B	EACH	5	\$500.00	\$2,500.00	\$628.40	\$3,142.00	\$665.00	\$3,325.00	\$628.40	\$3,142.00	\$628.40	\$3,142.00	\$671.04	\$3,355.20
46	MONUMENT, C	EACH	1	\$500.00	\$500.00	\$378.60	\$378.60	\$460.00	\$460.00	\$378.60	\$378.60	\$378.60	\$378.60	\$559.20	\$559.20
47	MONUMENT, D	EACH	1	\$500.00	\$500.00	\$44.45	\$44.45	\$235.00	\$235.00	\$44.45	\$44.45	\$44.45	\$44.45	\$335.52	\$335.52
48	R/W MARKER	EACH	30	\$125.00	\$3,750.00	\$138.20	\$4,146.00	\$117.00	\$3,510.00	\$138.20	\$4,146.00	\$138.20	\$4,146.00	\$251.64	\$7,549.20
49	MOBILIZATION AND DEMOBILIZATION FOR SEEDING	EACH	2	\$500.00	\$1,000.00	\$395.00	\$790.00	\$395.00	\$790.00	\$395.00	\$790.00	\$395.00	\$790.00	\$894.72	\$1,789.44
50	FERTILIZER	TON	1.4	\$500.00	\$700.00	\$1,340.00	\$1,876.00	\$1,340.00	\$1,876.00	\$1,340.00	\$1,876.00	\$1,340.00	\$1,876.00	\$894.72	\$1,252.61
51	SEED MIXTURE, T	LBS	9142	\$15.00	\$137,130.00	\$0.44	\$4,022.48	\$0.44	\$4,022.48	\$0.25	\$2,285.50	\$0.44	\$4,022.48	\$7.27	\$66,462.34
52	MULCHED SEEDING, U	SYS	26067	\$0.40	\$10,426.80	\$0.36	\$9,384.12	\$0.36	\$9,384.12	\$0.36	\$9,384.12	\$0.36	\$9,384.12	\$0.84	\$21,896.28
53	WATER	KGAL	21	\$5.00	\$105.00	\$1.00	\$21.00	\$1.00	\$21.00	\$1.00	\$21.00	\$1.00	\$21.00	\$2.24	\$47.04
54	TURF REINFORCED MAT	SYS	334	\$20.00	\$6,680.00	\$8.10	\$2,705.40	\$8.10	\$2,705.40	\$8.00	\$2,672.00	\$8.10	\$2,705.40	\$6.15	\$2,054.10
55	WET TO MESIC PRAIRIE SEED	LBS	2	\$100.00	\$200.00	\$750.00	\$1,500.00	\$750.00	\$1,500.00	\$750.00	\$1,500.00	\$750.00	\$1,500.00	\$2,796.00	\$5,592.00
56	MAINTENANCE/MONITORING STREAM RELOCATION	LSUM	1	\$25,000.00	\$25,000.00	\$50,000.00	\$50,000.00	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$15,000.00	\$11,183.97	\$11,183.97
57	SIGN, DO NOT MOW OR SPRAY	EACH	3	\$50.00	\$150.00	\$20.00	\$60.00	\$50.00	\$150.00	\$20.00	\$60.00	\$50.00	\$150.00	\$257.23	\$771.69
58	STORM WATER QUALITY STRUCTURE, B64	EACH	1	\$35,000.00	\$35,000.00	\$27,500.00	\$27,500.00	\$27,500.00	\$27,500.00	\$26,000.00	\$26,000.00	\$40,000.00	\$40,000.00	\$51,428.69	\$51,428.69
59	STORM WATER QUALITY STRUCTURE, B88	EACH	1	\$50,000.00	\$50,000.00	\$41,500.00	\$41,500.00	\$41,500.00	\$41,500.00	\$40,000.00	\$40,000.00	\$60,000.00	\$60,000.00	\$70,763.91	\$70,763.91
60	PIPE, UNDERDRAIN, CIRCULAR, 6 IN. DOUBLE WALL	LFT	6650	\$3.00	\$19,950.00	\$4.75	\$31,587.50	\$4.75	\$31,587.50	\$4.00	\$26,600.00	\$4.50	\$29,925.00	\$6.00	\$39,900.00
61	OUTLET PROTECTOR TYPE 2	EACH	3	\$650.00	\$1,950.00	\$500.00	\$1,500.00	\$500.00	\$1,500.00	\$800.00	\$2,400.00	\$600.00	\$1,800.00	\$362.02	\$1,086.06
62	PIPE, UNDERDRAIN OUTLET, 6 IN. DOUBLE WALL	LFT	72	\$3.00	\$216.00	\$11.00	\$792.00	\$11.00	\$792.00	\$8.00	\$576.00	\$17.00	\$1,224.00	\$7.34	\$528.48
63	PIPE, RCP, CIRCULAR, 12 IN.	LFT	1256	\$30.00	\$37,680.00	\$24.00	\$30,144.00	\$24.00	\$30,144.00	\$21.00	\$26,376.00	\$30.09	\$37,793.04	\$25.77	\$32,367.12
64	PIPE, RCP, CIRCULAR, 15 IN.	LFT	394	\$35.00	\$13,790.00	\$27.00	\$10,638.00	\$27.00	\$10,638.00	\$25.00	\$9,850.00	\$45.44	\$17,903.36	\$28.67	\$11,295.98
65	PIPE, RCP, CIRCULAR, 21 IN.	LFT	487	\$45.00	\$21,915.00	\$36.00	\$17,532.00	\$36.00	\$17,532.00	\$32.00	\$15,584.00	\$33.93	\$16,523.91	\$38.39	\$18,695.93

68	PIPE, RCP, CIRCULAR, 36 IN.	LFT	127	\$85.00	\$10,795.00	\$61.00	\$7,747.00	\$61.00	\$7,747.00	\$51.00	\$6,477.00	\$74.65	\$9,480.55	\$108.51	\$13,780.77
69	PIPE, RCP, CIRCULAR, 48 IN.	LFT	794	\$120.00	\$95,280.00	\$81.00	\$64,314.00	\$81.00	\$64,314.00	\$68.00	\$53,992.00	\$90.29	\$71,690.26	\$103.49	\$82,171.06
70	PIPE, RCP, CIRCULAR, 54 IN.	LFT	661	\$150.00	\$99,150.00	\$98.00	\$64,778.00	\$98.00	\$64,778.00	\$81.00	\$53,541.00	\$88.77	\$58,676.97	\$126.37	\$83,530.57
71	CORE PIPE	LSUM	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$300.00	\$300.00	\$2,500.00	\$797.94	\$797.94	
72	STRUCTURE BACKFILL TYPE 1 (FOR SEWERS)	CYS	4418	\$25.00	\$110,450.00	\$17.00	\$75,106.00	\$17.00	\$75,106.00	\$22.00	\$97,196.00	\$15.00	\$66,270.00	\$15.66	\$69,185.88
73	STRUCTURE BACKFILL (FOR PEAT EXCAVATION)	CYS	6000	\$20.00	\$120,000.00	\$16.50	\$99,000.00	\$16.50	\$99,000.00	\$18.00	\$108,000.00	\$16.00	\$96,000.00	\$12.52	\$75,120.00
74	STRUCTURE BACKFILL TYPE 2	CYS	27	\$32.00	\$864.00	\$34.00	\$918.00	\$34.00	\$918.00	\$34.00	\$918.00	\$64.00	\$1,728.00	\$30.31	\$818.37
75	STRUCTURE BACKFILL TYPE 5	CYS	5365	\$100.00	\$536,500.00	\$44.00	\$236,060.00	\$44.00	\$236,060.00	\$63.00	\$337,995.00	\$56.00	\$300,440.00	\$45.85	\$245,985.25
76	TRENCHLESS PIPE INSTALLATION	LFT	250	\$100.00	\$25,000.00	\$320.00	\$80,000.00	\$366.00	\$91,500.00	\$275.00	\$68,750.00	\$200.00	\$50,000.00	\$490.30	\$122,575.00
77	36" CONCRETE PIPE END SECTION	EACH	4	\$1,200.00	\$4,800.00	\$1,000.00	\$4,000.00	\$1,000.00	\$4,000.00	\$1,028.00	\$4,112.00	\$1,280.14	\$5,120.56	\$1,527.60	\$6,110.40
78	54" CONCRETE PIPE END SECTION	EACH	3	\$8,000.00	\$24,000.00	\$1,700.00	\$5,100.00	\$1,700.00	\$5,100.00	\$1,900.00	\$5,700.00	\$2,463.46	\$7,390.38	\$2,764.50	\$8,293.50
79	30" FLAP GATE	EACH	1	\$250.00	\$250.00	\$1,050.00	\$1,050.00	\$1,050.00	\$1,050.00	\$1,980.00	\$1,980.00	\$1,635.43	\$1,635.43	\$1,955.70	\$1,955.70
80	54" FLAP GATE	EACH	4	\$300.00	\$1,200.00	\$4,300.00	\$17,200.00	\$4,300.00	\$17,200.00	\$5,800.00	\$23,200.00	\$5,637.32	\$22,549.28	\$6,032.84	\$24,131.36
81	PIPE, PVC, SDR-26, 10 IN, SANITARY SEWER	LFT	824	\$40.00	\$32,960.00	\$57.00	\$46,968.00	\$57.00	\$46,968.00	\$46.00	\$37,904.00	\$58.68	\$48,352.32	\$120.78	\$99,522.72
82	PIPE, PVC, SDR-26, 8 IN, FIELD TILE RESTORE (UNDISTRIBUTED)	LFT	40	\$40.00	\$1,600.00	\$11.00	\$440.00	\$11.00	\$440.00	\$39.00	\$1,560.00	\$100.00	\$4,000.00	\$31.50	\$1,260.00
83	AGGREGATE FOR UNDERDRAINS	CYS	559	\$40.00	\$22,360.00	\$27.00	\$15,093.00	\$27.00	\$15,093.00	\$30.00	\$16,770.00	\$36.50	\$20,403.50	\$30.31	\$16,943.29
84	VIDEO INSPECTION FOR UNDERDRAIN	LFT	3000	\$1.50	\$4,500.00	\$0.80	\$2,400.00	\$0.80	\$2,400.00	\$1.00	\$3,000.00	\$0.80	\$2,400.00	\$1.45	\$4,350.00
85	INLET, A	EACH	1	\$2,000.00	\$2,000.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,340.00	\$1,340.00	\$1,639.60	\$1,639.60	\$1,130.78	\$1,130.78
86	INLET, B	EACH	41	\$2,000.00	\$82,000.00	\$1,400.00	\$57,400.00	\$1,400.00	\$57,400.00	\$1,450.00	\$59,450.00	\$1,742.22	\$71,431.02	\$1,228.81	\$50,381.21
87	HOODED CATCH BASIN, TYPE K	EACH	4	\$3,000.00	\$12,000.00	\$1,700.00	\$6,800.00	\$1,700.00	\$6,800.00	\$2,240.00	\$8,960.00	\$2,514.75	\$10,059.00	\$1,235.75	\$4,943.00
88	MANHOLE, TYPE C	EACH	8	\$2,500.00	\$20,000.00	\$1,500.00	\$12,000.00	\$1,500.00	\$12,000.00	\$2,100.00	\$16,800.00	\$2,437.37	\$19,498.96	\$2,553.26	\$20,426.08
89	MANHOLE, TYPE H	EACH	6	\$4,000.00	\$24,000.00	\$4,800.00	\$28,800.00	\$4,800.00	\$28,800.00	\$2,825.00	\$16,950.00	\$3,634.52	\$21,807.12	\$4,154.79	\$24,928.74
90	MANHOLE, TYPE K	EACH	4	\$6,500.00	\$26,000.00	\$4,900.00	\$19,600.00	\$4,900.00	\$19,600.00	\$3,050.00	\$12,200.00	\$4,816.46	\$19,265.84	\$5,355.58	\$21,422.32
91	MANHOLE, TYPE L	EACH	2	\$8,000.00	\$16,000.00	\$5,100.00	\$10,200.00	\$5,100.00	\$10,200.00	\$4,600.00	\$9,200.00	\$6,322.37	\$12,644.74	\$6,828.88	\$13,657.76
92	MANHOLE, TYPE N	EACH	1	\$1,000.00	\$1,000.00	\$5,200.00	\$5,200.00	\$5,200.00	\$5,200.00	\$6,560.00	\$6,560.00	\$12,501.38	\$12,501.38	\$13,773.79	\$13,773.79
93	SANITARY MANHOLE, A, 5' DIA.	EACH	1	\$4,000.00	\$4,000.00	\$3,800.00	\$3,800.00	\$3,800.00	\$3,800.00	\$3,450.00	\$3,450.00	\$7,420.30	\$7,420.30	\$15,010.70	\$15,010.70
94	SANITARY MANHOLE, A, 4' DIA	EACH	3	\$3,000.00	\$9,000.00	\$2,500.00	\$7,500.00	\$2,500.00	\$7,500.00	\$3,450.00	\$10,350.00	\$4,247.59	\$12,742.77	\$4,557.97	\$13,673.91
95	STRUCTURE, MANHOLE, RECONSTRUCTED	LFT	22	\$500.00	\$11,000.00	\$250.00	\$5,500.00	\$250.00	\$5,500.00	\$377.00	\$8,294.00	\$618.30	\$13,602.60	\$157.44	\$3,463.68
96	COMBINED CURB AND GUTTER TURNOUT	EACH	4	\$350.00	\$1,400.00	\$225.00	\$900.00	\$225.00	\$900.00	\$258.99	\$1,035.96	\$298.98	\$1,195.92	\$251.64	\$1,006.56
97	4" PAIR, SCHEDULE 40 CONDUIT	LFT	3166	\$15.00	\$47,490.00	\$12.00	\$37,992.00	\$12.00	\$37,992.00	\$12.00	\$37,992.00	\$12.00	\$37,992.00	\$13.42	\$42,487.72
98	HANDHOLE	EACH	22	\$400.00	\$8,800.00	\$788.00	\$17,336.00	\$788.00	\$17,336.00	\$788.00	\$17,336.00	\$788.00	\$17,336.00	\$881.30	\$19,388.60
99	BARRICADE, III-A	LFT	132	\$15.00	\$1,980.00	\$18.00	\$2,376.00	\$25.00	\$3,300.00	\$25.00	\$3,300.00	\$18.00	\$2,376.00	\$27.96	\$3,690.72
100	BARRICADE, III-B	LFT	96	\$15.00	\$1,440.00	\$21.00	\$2,016.00	\$30.00	\$2,880.00	\$30.00	\$2,880.00	\$21.00	\$2,016.00	\$33.55	\$3,220.80
101	CONSTRUCTION SIGN, A	EACH	15	\$150.00	\$2,250.00	\$192.00	\$2,880.00	\$225.00	\$3,375.00	\$255.00	\$3,825.00	\$192.00	\$2,880.00	\$285.19	\$4,277.85
102	DETOUR ROUTE ASSEMBLY	EACH	22	\$35.00	\$770.00	\$115.00	\$2,530.00	\$125.00	\$2,750.00	\$125.00	\$2,750.00	\$115.00	\$2,530.00	\$139.80	\$3,075.60
103	ROAD CLOSURE ASSEMBLY	EACH	3	\$280.00	\$840.00	\$351.00	\$1,053.00	\$800.00	\$2,400.00	\$1,025.00	\$3,075.00	\$351.00	\$1,053.00	\$1,146.36	\$3,439.08
104	TEMPORARY PAVEMENT MARKING, 4 IN	LFT	579	\$0.25	\$144.75	\$3.00	\$1,737.00	\$0.65	\$376.35	\$1.00	\$579.00	\$1.00	\$579.00	\$1.12	\$648.48
105	CLASS "A" CONCRETE	CYS	224	\$720.00	\$161,280.00	\$484.08	\$108,433.92	\$484.08	\$108,433.92	\$600.00	\$134,400.00	\$1,150.00	\$257,600.00	\$1,744.61	\$390,792.64
106	CLASS "B" CONCRETE	CYS	232	\$660.00	\$153,120.00	\$331.12	\$76,819.84	\$412.12	\$95,611.84	\$240.00	\$55,680.00	\$260.00	\$60,320.00	\$334.89	\$77,694.48
107	STRUCTURE BACKFILL TYPE 3	CYS	1554	\$30.00	\$46,620.00	\$17.00	\$26,418.00	\$25.65	\$39,860.10	\$21.00	\$32,634.00	\$30.00	\$46,620.00	\$48.89	\$75,975.06
108	GEOTEXTILES FOR RETAINING WALL	SYS	1256	\$3.00	\$3,768.00	\$1.00	\$1,256.00	\$2.09	\$2,625.04	\$3.00	\$3,768.00	\$2.10	\$2,637.60	\$0.67	\$841.52
109	PIPE, UNDERDRAIN, CIRCULAR, 6 IN. FOR RETAINING WALL	LFT	686	\$3.00	\$2,058.00	\$6.00	\$4,116.00	\$8.60	\$5,899.60	\$10.00	\$6,860.00	\$2.50	\$1,715.00	\$3.80	\$2,606.80
110	EPOXY COATED REINFORCING STEEL	LBS	55203	\$1.80	\$99,365.40	\$0.83	\$45,818.49	\$0.83	\$45,818.49	\$1.08	\$59,619.24	\$0.80	\$44,162.40	\$0.99	\$54,650.97
111	FOUNDATION EXCAVATION	CYS	1868	\$28.00	\$52,304.00	\$20.20	\$37,733.60	\$20.20	\$37,733.60	\$10.00	\$18,680.00	\$7.65	\$14,290.20	\$16.84	\$31,457.12
112	PEDESTRIAN HANDRAIL	LFT	582	\$150.00	\$87,300.00	\$116.98	\$68,082.36	\$145.00	\$84,390.00	\$116.98	\$68,082.36	\$116.98	\$68,082.36	\$211.38	\$123,023.16
113	TYPE II SERVICE POINT	LSUM	2	\$2,000.00	\$4,000.00	\$4,920.00	\$9,840.00	\$4,920.00	\$9,840.00	\$4,920.00	\$9,840.00	\$4,920.00	\$9,840.00	\$5,502.52	\$11,005.04
114	CONDUIT, STEEL, GALVANIZED, 2 IN	LFT	764	\$12.00	\$9,168.00	\$12.00	\$9,168.00	\$12.00	\$9,168.00	\$12.00	\$9,168.00	\$12.00	\$9,168.00	\$13.42	\$10,252.88
115	CABLE, 4-1/C NO 4	LFT	2492	\$14.00	\$34,888.00	\$6.25	\$15,575.00	\$6.25	\$15,575.00	\$6.25	\$15,575.00	\$6.25	\$15,575.00	\$6.99	\$17,419.08
116	STREET LIGHT ASSEMBLY WITH FOUNDATION	EACH	24	\$9,000.00	\$216,000.00	\$6,980.00	\$167,520.00	\$6,980.00	\$167,520.00	\$6,980.00	\$167,520.00	\$6,980.00	\$167,520.00	\$7,806.41	\$187,353.84
117	SIGN, SHEET, ENCAPSULATED LENS, WITH LEGEND, 0.080 IN	SFT	169	\$18.00	\$3,042.00	\$13.50	\$2,281.50	\$13.50	\$2,281.50	\$13.50	\$2,281.50	\$13.50	\$2,281.50	\$15.10	\$2,551.90
118	SIGN, SHEET, ENCAPSULATED LENS, WITH LEGEND, 0.100 IN	SFT	212	\$20.00	\$4,240.00	\$14.00	\$2,968.00	\$14.00	\$2,968.00	\$14.00	\$2,968.00	\$14.00	\$2,968.00	\$15.66	\$3,319.92
119	LED ENHANCED SIGN ASSEMBLY	EACH	22	\$3,000.00	\$66,000.00	\$2,544.00	\$55,968.00	\$2,544.00	\$55,968.00	\$2,544.00	\$55,968.00	\$2,544.00	\$55,968.00	\$2,845.20	\$62,594.40
120	SIGN POST, SQUARE, 1 REINFORCED ANCHOR BASE	LFT	810	\$15.00	\$12,150.00	\$12.50	\$10,125.00	\$12.50	\$10,125.00	\$12.50	\$10,125.00	\$12.50	\$10,125.00	\$13.98	\$11,323.80
121	HAZARD MARKER	EACH	2	\$200.00	\$400.00	\$105.00	\$210.00	\$105.00	\$210.00	\$105.00	\$210.00	\$105.00	\$210.00	\$117.44	\$234.88
122	NO PARKING SIGN ASSEMBLY	EACH	6	\$35.00	\$210.00	\$182.00	\$1,092.00	\$182.00	\$1,092.00	\$182.00	\$1,092.00	\$182.00	\$1,092.00	\$203.55	\$1,221.30
123	LINE, THERMOPLASTIC, SOLID, WHITE, 4 IN	LFT	2954	\$0.50	\$1,477.00	\$0.48	\$1,417.92	\$0.40	\$1,181.60	\$0.40	\$1,181.60	\$0.48	\$1,417.92	\$0.45	\$1,329.30
124	LINE, THERMOPLASTIC, SOLID, WHITE, 8 IN	LFT	417	\$1.50	\$625.50	\$1.50	\$625.50	\$1.00	\$417.00	\$1.00	\$417.00	\$1.50	\$625.50	\$1.12	\$467.04
125	LINE, THERMOPLASTIC, SOLID, YELLOW, 4 IN	LFT	3361	\$0.50	\$1,680.50	\$0.48	\$1,613.28	\$0.40	\$1,344.40	\$0.40	\$1,344.40	\$0.48	\$1,613.28	\$0.45	\$1,512.45
126	LINE, THERMOPLASTIC, SOLID, YELLOW, 8 IN	LFT	1272	\$1.50	\$1,908.00	\$1.50	\$1,908.00	\$1.00	\$1,272.00	\$1.00	\$1,272.00	\$1.50	\$1,908.00	\$1.12	\$1,424.64
127	LINE, THERMOPLASTIC, BROKEN, WHITE, 4 IN (10' LINE, 30' GAP)	LFT	1400	\$0.50	\$700.00	\$1.00	\$1,400.00	\$0.40	\$560.00	\$0.40	\$560.00	\$1.00	\$1,400.00	\$0.45	\$630.00
128	LINE, THERMOPLASTIC, SOLID, YELLOW, 6 IN	LFT	728	\$0.75	\$546.00	\$1.15	\$837.20	\$1.00	\$728.00	\$1.00	\$728.00	\$1.15	\$837.20	\$1.12	\$815.36
129	LINE, THERMOPLASTIC, BROKEN, WHITE, 4 IN (5' LINE, 3' GAP)	LFT	115	\$1.50	\$172.50	\$2.00	\$230.00	\$0.40	\$46.00	\$0.40	\$46.00	\$2.00	\$230.00	\$0.45	\$51.75
130	LINE, THERMOPLASTIC, BROKEN, WHITE, 12 IN (3' LINE, 2' GAP)	LFT	189	\$3.00	\$567.00	\$3.25	\$614.25	\$0.40	\$75.60	\$0.40	\$75.60	\$3.25	\$614.25	\$0.45	\$85.05
131	PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, LANE INDICATION ARROW	EACH	8	\$85.00	\$680.00	\$89.00	\$712.00	\$100.00	\$800.00	\$100.00	\$800.00	\$89.00	\$712.00	\$111.84	\$894.72
132	PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, FISHHOOK ARROW	EACH	14	\$85.00	\$1,190.00	\$249.00	\$3,486.00	\$320.00	\$4,480.00	\$320.00	\$4,480.00	\$249.00	\$3,486.00	\$357.89	\$5,010.46
133	PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC, WORD. "YIELD"	EACH	11	\$100.00	\$1,100.00	\$119.00	\$1,309.00	\$125.00	\$1,375.00	\$125.00	\$1,375.00	\$119.00	\$1,309.00	\$139.80	\$1,537.80



**Union Chapel Road Phase II**

**Engineer's Estimate - Alternate Bid No 1**

Engineer's Estimate - Alternate Bid No 1						Gradex		E&B Paving		Calumet		Reith-Riley		Sunesis	
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENDED PRICE	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
1	CONSTRUCTION ENGINEERING	LS	1	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00	\$5,240.00	\$5,240.00	\$3,000.00	\$3,000.00	\$6,000.00	\$6,000.00	\$2,933.22	\$2,933.22
2	MOBILIZATION AND DEMOBILIZATION	LS	1	\$42,000.00	\$42,000.00	\$37,900.00	\$37,900.00	\$54,834.00	\$54,834.00	\$2,500.00	\$2,500.00	\$42,500.00	\$42,500.00	\$48,318.75	\$48,318.75
3	CLEARING RIGHT OF WAY	LS	1	\$10,000.00	\$10,000.00	\$28,000.00	\$28,000.00	\$16,100.00	\$16,100.00	\$7,000.00	\$7,000.00	\$3,000.00	\$3,000.00	\$33,715.12	\$33,715.12
4	MAINTAINING TRAFFIC	LS	1	\$5,000.00	\$5,000.00	\$25,000.00	\$25,000.00	\$4,000.00	\$4,000.00	\$1,000.00	\$1,000.00	\$3,005.14	\$3,005.14	\$2,178.17	\$2,178.17
5	EXCAVATION, COMMON	CYS	5517	\$8.00	\$44,136.00	\$3.60	\$19,861.20	\$3.60	\$19,861.20	\$5.60	\$30,895.20	\$14.00	\$77,238.00	\$8.03	\$44,301.51
6	EXCAVATION, FOUNDATION	CYS	1,365	\$20.00	\$27,300.00	\$16.22	\$22,140.30	\$16.22	\$22,140.30	\$12.50	\$17,062.50	\$4.25	\$5,801.25	\$12.61	\$17,212.65
7	COMPACTED AGGREGATE, NO. 53, BASE	TONS	269	\$20.00	\$5,380.00	\$15.00	\$4,035.00	\$15.00	\$4,035.00	\$15.00	\$4,035.00	\$30.00	\$8,070.00	\$18.94	\$5,094.86
8	STRUCTURE BACKFILL TYPE 1	CYS	1,994	\$25.00	\$49,850.00	\$17.00	\$33,898.00	\$17.00	\$33,898.00	\$21.00	\$41,874.00	\$18.68	\$37,247.92	\$15.73	\$31,365.62
9	STRUCTURE BACKFILL TYPE 3	CYS	1680	\$30.00	\$50,400.00	\$17.00	\$28,560.00	\$25.65	\$43,092.00	\$20.00	\$33,600.00	\$22.50	\$37,800.00	\$53.30	\$89,544.00
10	STRUCTURE BACKFILL TYPE 5	CYS	837	\$100.00	\$83,700.00	\$44.00	\$36,828.00	\$44.00	\$36,828.00	\$66.00	\$55,242.00	\$70.00	\$58,590.00	\$46.08	\$38,568.96
11	HMA SURFACE TYPE B 12.5 mm	TONS	14	\$70.00	\$980.00	\$100.00	\$1,400.00	\$100.00	\$1,400.00	\$105.00	\$1,470.00	\$118.00	\$1,652.00	\$112.38	\$1,573.32
12	B BORROW	CYS	1106	\$12.00	\$13,272.00	\$17.00	\$18,802.00	\$25.74	\$28,468.44	\$20.00	\$22,120.00	\$23.40	\$25,880.40	\$27.05	\$29,917.30
13	PCCP FOR PATH, 6 IN	SYS	724	\$50.00	\$36,200.00	\$36.00	\$26,064.00	\$50.00	\$36,200.00	\$38.52	\$27,888.48	\$45.00	\$32,580.00	\$61.15	\$44,272.60
14	BITUMINOUS PATCHING	SYS	76	\$150.00	\$11,400.00	\$67.00	\$5,092.00	\$67.00	\$5,092.00	\$45.00	\$3,420.00	\$50.00	\$3,800.00	\$75.30	\$5,722.80
15	GEOTEXTILE	SYS	500	\$3.50	\$1,750.00	\$1.30	\$650.00	\$2.00	\$1,000.00	\$3.00	\$1,500.00	\$2.20	\$1,100.00	\$2.38	\$1,192.00
16	LEVELING PAD	LFT	417.5	\$12.00	\$5,010.00	\$27.15	\$11,335.13	\$27.15	\$11,335.13	\$36.00	\$15,030.00	\$200.00	\$83,500.00	\$60.28	\$25,166.90
17	CONCRETE FACE PANEL	SF	4963	\$20.00	\$99,260.00	\$17.90	\$88,837.70	\$21.90	\$108,689.70	\$18.00	\$89,334.00	\$14.25	\$70,722.75	\$16.53	\$82,038.39
18	WALL ERECTION	SF	4963	\$12.00	\$59,556.00	\$13.78	\$68,390.14	\$13.78	\$68,390.14	\$9.00	\$44,667.00	\$6.60	\$32,755.80	\$13.68	\$67,893.84
19	END BENT DRAIN PIPE, 6 IN.	LFT	200	\$9.00	\$1,800.00	\$9.00	\$1,800.00	\$9.00	\$1,800.00	\$10.00	\$2,000.00	\$3.40	\$680.00	\$3.40	\$680.00
20	14' SPAN X 10' RISE PRECAST THREE-SIDE REINFORCED CONCRETE DRAINAGE STRUCTURE	LFT	100	\$2,400.00	\$240,000.00	\$1,482.46	\$148,246.00	\$1,482.46	\$148,246.00	\$1,500.00	\$150,000.00	\$1,660.00	\$166,000.00	\$2,342.35	\$234,235.00
21	PEDESTRIAN HANDRAIL	LFT	443.5	\$150.00	\$66,525.00	\$116.98	\$51,880.63	\$198.00	\$87,813.00	\$116.98	\$51,880.63	\$116.98	\$51,880.63	\$222.52	\$98,687.62
22	MULCHED SEEDING, U	SYS	2,000	\$0.40	\$800.00	\$0.36	\$720.00	\$0.36	\$720.00	\$0.36	\$720.00	\$0.36	\$720.00	\$0.56	\$1,120.00
23	PIPE, UNDERDRAIN, CIRCULAR, 6 IN.	LFT	203	\$3.00	\$609.00	\$5.25	\$1,065.75	\$5.25	\$1,065.75	\$8.00	\$1,624.00	\$9.00	\$1,827.00	\$6.94	\$1,408.82
24	AGGREGATE FOR UNDERDRAINS	CYS	25	\$40.00	\$1,000.00	\$27.00	\$675.00	\$27.00	\$675.00	\$38.00	\$950.00	\$38.00	\$950.00	\$30.46	\$761.50
25	12-INCH SLOTTED VANE DRAIN PIPE	LFT	128	\$150.00	\$19,200.00	\$54.00	\$6,912.00	\$54.00	\$6,912.00	\$89.00	\$11,392.00	\$150.00	\$19,200.00	\$79.34	\$10,155.52
26	12-INCH PIPE, SDR-35 PVC SEWER PIPE	LFT	121	\$50.00	\$6,050.00	\$39.00	\$4,719.00	\$39.00	\$4,719.00	\$27.00	\$3,267.00	\$32.00	\$3,872.00	\$33.49	\$4,052.29
27	MANHOLE TYPE C	EACH	7	\$2,500.00	\$17,500.00	\$1,500.00	\$10,500.00	\$1,500.00	\$10,500.00	\$3,100.00	\$21,700.00	\$2,437.37	\$17,061.59	\$3,116.82	\$21,817.74
28	INLET TYPE A	EACH	1	\$2,000.00	\$2,000.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,313.69	\$1,313.69	\$1,639.60	\$1,639.60	\$1,171.38	\$1,171.38
29	PIPE, RCP, CIRCULAR, 12 IN.	LFT	316	\$30.00	\$9,480.00	\$44.00	\$13,904.00	\$44.00	\$13,904.00	\$50.00	\$15,800.00	\$30.09	\$9,508.44	\$125.73	\$39,730.68
30	PIPE, RCP, CIRCULAR, 15 IN.	LFT	350	\$35.00	\$12,250.00	\$49.00	\$17,150.00	\$49.00	\$17,150.00	\$62.00	\$21,700.00	\$45.44	\$15,904.00	\$128.35	\$44,922.50
31	PIPE, RCP, CIRCULAR, 18 IN.	LFT	375	\$40.00	\$15,000.00	\$55.00	\$20,625.00	\$55.00	\$20,625.00	\$66.00	\$24,750.00	\$38.69	\$14,508.75	\$126.82	\$47,557.50
32	STRUCTURE, MANHOLE, RECONSTRUCTED	LFT	2.5	\$500.00	\$1,250.00	\$300.00	\$750.00	\$300.00	\$750.00	\$370.00	\$925.00	\$664.09	\$1,660.23	\$860.11	\$2,150.28
33	ADA SIGN ASSEMBLY	EACH	2.0	\$35.00	\$70.00	\$185.00	\$370.00	\$185.00	\$370.00	\$125.00	\$250.00	\$185.00	\$370.00	\$268.60	\$537.20
34	TUNNEL LUMINAIRE	LSUM	1	\$10,000.00	\$10,000.00	\$6,220.00	\$6,220.00	\$6,220.00	\$6,220.00	\$6,220.00	\$6,220.00	\$6,220.00	\$6,220.00	\$6,990.26	\$6,990.26
35	HANDHOLE	EACH	1	\$400.00	\$400.00	\$788.00	\$788.00	\$788.00	\$788.00	\$788.00	\$788.00	\$788.00	\$788.00	\$885.58	\$885.58
36	TYPE II SERVICE POINT	LSUM	1	\$2,000.00	\$2,000.00	\$5,344.00	\$5,344.00	\$5,344.00	\$5,344.00	\$5,344.00	\$5,344.00	\$5,344.00	\$5,344.00	\$6,005.78	\$6,005.78
37	CONDUIT, STEEL, GALVANIZED, 2 IN	LFT	100	\$12.00	\$1,200.00	\$12.00	\$1,200.00	\$12.00	\$1,200.00	\$12.00	\$1,200.00	\$12.00	\$1,200.00	\$13.49	\$1,349.00
38	CABLE, 4-1/C NO 4	LFT	150	\$14.00	\$2,100.00	\$6.25	\$937.50	\$6.25	\$937.50	\$6.25	\$937.50	\$6.25	\$937.50	\$7.02	\$1,053.00
						<b>Total Bid</b>									
						<b>\$964,428.00</b>		<b>\$759,800.35</b>		<b>\$831,543.16</b>		<b>\$724,400.00</b>		<b>\$851,515.00</b>	

**Union Chapel Road Phase II**

**Engineer's Estimate - Alternate Bid No 2**

Engineer's Estimate - Alternate Bid No 2						Gradex		E&B Paving		Calumet		Reith-Riley		Sunesis	
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENDED PRICE	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
1	Construction Engineering	Lsum	1	\$16,000.00	\$16,000.00	\$5,000.00	\$5,000.00	\$4,220.00	\$4,220.00	\$4,228.46	\$4,228.46	\$5,900.00	\$5,900.00	\$7,436.89	\$7,436.89
2	Mobilization and Demobilization	Lsum	1	\$40,000.00	\$40,000.00	\$29,100.00	\$29,100.00	\$19,100.00	\$19,100.00	\$500.00	\$500.00	\$32,500.00	\$32,500.00	\$26,524.60	\$26,524.60
3	Maintaining Traffic	Lsum	1	\$5,000.00	\$5,000.00	\$21,000.00	\$21,000.00	\$1.00	\$1.00	\$1,000.00	\$1,000.00	\$2,011.00	\$2,011.00	\$9,360.40	\$9,360.40
4	Common Excavation	Cys	3,020	\$8.00	\$24,160.00	\$3.20	\$9,664.00	\$3.20	\$9,664.00	\$15.00	\$45,300.00	\$14.00	\$42,280.00	\$10.92	\$32,978.40
5	Clearing Right of Way	Lsum	1	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$500.00	\$500.00	\$2,500.00	\$2,500.00	\$16,724.63	\$16,724.63
6	Subgrade Treatment, Type 1A	Sys.	7,454	\$8.00	\$59,632.00	\$0.80	\$5,963.20	\$4.30	\$32,052.20	\$3.90	\$29,070.60	\$4.60	\$34,288.40	\$5.47	\$40,773.38
7	Structure Backfill Type 1	Cys	2,897	\$25.00	\$72,425.00	\$17.00	\$49,249.00	\$17.00	\$49,249.00	\$21.00	\$60,837.00	\$15.00	\$43,455.00	\$15.61	\$45,222.17
8	Compacted Aggregate, 53, Base	Tons	586	\$20.00	\$11,720.00	\$15.00	\$8,790.00	\$17.25	\$10,108.50	\$16.00	\$9,376.00	\$23.21	\$13,601.06	\$17.57	\$10,296.02
9	HMA Surface, Type "B", 9.5mm	Tons	573	\$70.00	\$40,110.00	\$59.00	\$33,807.00	\$59.00	\$33,807.00	\$61.00	\$34,953.00	\$61.00	\$34,953.00	\$65.78	\$37,691.94
10	HMA Surface, Type "B", 12.5mm	Tons	143	\$70.00	\$10,010.00	\$62.00	\$8,866.00	\$62.00	\$8,866.00	\$61.00	\$8,723.00	\$59.00	\$8,437.00	\$80.28	\$11,480.04
11	HMA Intermediate, Type "B", 19.0mm	Tons	717	\$60.00	\$43,020.00	\$43.00	\$30,831.00	\$43.00	\$30,831.00	\$53.00	\$38,001.00	\$46.00	\$32,982.00	\$47.94	\$34,372.98
12	HMA Base, Type "B", 25.0mm	Tons	3,149	\$55.00	\$173,195.00	\$39.00	\$122,811.00	\$39.00	\$122,811.00	\$46.00	\$144,854.00	\$42.00	\$132,258.00	\$43.48	\$136,918.52
13	QC/QA HMA, 5, 76, Intermediate, OG 19.0mm	Tons	1,087	\$60.00	\$65,220.00	\$39.00	\$42,393.00	\$39.00	\$42,393.00	\$57.00	\$61,959.00	\$47.00	\$51,089.00	\$43.48	\$47,262.76
14	Asphalt for Tack Coat	Tons	5.44	\$380.00	\$2,067.20	\$400.00	\$2,176.00	\$400.00	\$2,176.00	\$100.00	\$544.00	\$500.00	\$2,720.00	\$445.99	\$2,426.19
15	2' Combined Concrete Curb/Gutter, Type II (6")	Lft.	1,950	\$20.00	\$39,000.00	\$10.25	\$19,987.50	\$10.25	\$19,987.50	\$10.26	\$20,007.00	\$9.00	\$17,550.00	\$11.71	\$22,834.50
16	2 Inverted Combined Concrete Curb/Gutter, Type II (6")	Lft.	1,935	\$20.00	\$38,700.00	\$10.25	\$19,833.75	\$10.25	\$19,833.75	\$9.78	\$18,924.30	\$9.00	\$17,415.00	\$11.71	\$22,658.85
17	Curb, Depressed	Lft.	13	\$25.00	\$325.00	\$10.25	\$133.25	\$10.25	\$133.25	\$24.48	\$318.24	\$26.00	\$338.00	\$11.71	\$152.23
18	PCCP for Drives, 6 in.	Sys.	2	\$100.00	\$200.00	\$60.00	\$120.00	\$60.00	\$120.00	\$106.98	\$213.96	\$200.00	\$400.00	\$167.25	\$334.50
19	Monument, B	Each	1	\$500.00	\$500.00	\$630.00	\$630.00	\$665.00	\$665.00	\$628.40	\$628.40	\$628.40	\$628.40	\$668.98	\$668.98
20	Mulched Seeding, U	Sys.	10,614	\$0.40	\$4,245.60	\$0.36	\$3,821.04	\$0.36	\$3,821.04	\$0.36	\$3,821.04	\$0.36	\$3,821.04	\$0.56	\$5,943.84
21	Water	MG	3.5	\$5.00	\$17.50	\$25.00	\$87.50	\$25.00	\$87.50	\$25.00	\$87.50	\$25.00	\$87.50	\$3.35	\$11.73
22	Sodding, Nursery	Sys.	3,451	\$3.00	\$10,353.00	\$2.50	\$8,627.50	\$2.50	\$8,627.50	\$2.50	\$8,627.50	\$2.50	\$8,627.50	\$5.57	\$19,222.07
23	Pipe, Underdrain, Circular, 6 in. Double Wall	Lft.	1,900	\$3.00	\$5,700.00	\$4.75	\$9,025.00	\$4.75	\$9,025.00	\$4.00	\$7,600.00	\$4.50	\$8,550.00	\$5.72	\$10,868.00
24	Pipe, RCP, Circular, 15 in	Lft.	360	\$35.00	\$12,600.00	\$27.00	\$9,720.00	\$27.00	\$9,720.00	\$23.00	\$8,280.00	\$33.15	\$11,934.00	\$24.57	\$8,845.20
25	Pipe, RCP, Circular, 48 in	Lft.	940	\$120.00	\$112,800.00	\$81.00	\$76,140.00	\$81.00	\$76,140.00	\$80.00	\$75,200.00	\$90.29	\$84,872.60	\$83.63	\$78,612.20
26	4" Pair, Schedule 40 Conduit	Lft.	975	\$15.00	\$14,625.00	\$12.00	\$11,700.00	\$12.00	\$11,700.00	\$12.00	\$11,700.00	\$12.00	\$11,700.00	\$13.38	\$13,045.50
27	Aggregate For Underdrains	Cys	174	\$40.00	\$6,960.00	\$27.00	\$4,698.00	\$27.00	\$4,698.00	\$30.00	\$5,220.00	\$39.00	\$6,786.00	\$30.22	\$5,258.28
28	Inlet, B	Each	10	\$2,000.00	\$20,000.00	\$1,450.00	\$14,500.00	\$1,450.00	\$14,500.00	\$1,400.00	\$14,000.00	\$1,742.22	\$17,422.20	\$1,135.92	\$11,359.20
29	Manhole, Type K	Each	5	\$6,500.00	\$32,500.00	\$4,800.00	\$24,000.00	\$4,800.00	\$24,000.00	\$4,200.00	\$21,000.00	\$4,816.46	\$24,082.30	\$4,182.64	\$20,913.20
30	Sign Post, Type 3, Reinforced	Lft.	10	\$15.00	\$150.00	\$20.00	\$200.00	\$20.00	\$200.00	\$20.00	\$200.00	\$20.00	\$200.00	\$22.30	\$223.00
31	Sign, Sheet, Encapsulated Lens, With Legend, 0.080 in	Sft.	5.0	\$18.00	\$90.00	\$18.00	\$90.00	\$18.00	\$90.00	\$18.00	\$90.00	\$18.00	\$90.00	\$20.07	\$100.35
32	Handholes	Each	2	\$400.00	\$800.00	\$788.00	\$1,576.00	\$788.00	\$1,576.00	\$788.00	\$1,576.00	\$788.00	\$1,576.00	\$878.60	\$1,757.20
33	Line, Termoplastic, Broken, White, 4"	Lft.	1,900	\$0.50	\$950.00	\$1.00	\$1,900.00	\$0.40	\$760.00	\$0.40	\$760.00	\$1.00	\$1,900.00	\$1.11	\$2,109.00
34	Raised Pavement Marker, 2-Way, Reflective, White/Red	Each	24	\$30.00	\$720.00	\$15.00	\$360.00	\$42.85	\$1,028.40	\$25.00	\$600.00	\$40.00	\$960.00	\$47.39	\$1,137.36
						Total		Total		Total		Total		Total	
						Estimated Total	\$873,795.30	Bid	\$582,799.74	Bid	\$577,991.64	Bid	\$638,700.00	Bid	\$657,915.00