

BID TABULATION
FAIRFIELD COUNTY ENGINEER'S OFFICE
FAI-CR7-1.94 REFUGEE ROAD INTERSECTION SAFETY IMPROVEMENTS

CONTRACTOR BIDS

REF NO.	ITEM NO.	QUANTITY	UNIT	DESCRIPTION	EST. UNIT COST	EST. COST	COMPLETE GENERAL CONSTRUCTION			SHELLY AND SANDS INC		
							UNIT \$	COST	+/- EST	UNIT \$	COST	+/- EST
1	201	1	LS	CLEARING AND GRUBBING	\$50,000.00	\$50,000.00	\$35,000.00	\$35,000.00	(\$15,000.00)	\$18,000.00	\$18,000.00	(\$32,000.00)
2	201	2	EACH	TREE REMOVED, 30"	\$1,401.00	\$2,802.00	\$1,500.00	\$3,000.00	\$198.00	\$275.00	\$550.00	(\$2,252.00)
3	202	3	EACH	HEADWALL REMOVED	\$500.00	\$1,500.00	\$2,200.00	\$6,600.00	\$5,100.00	\$2,500.00	\$7,500.00	\$6,000.00
4	202	12491	SY	PAVEMENT REMOVED	\$9.00	\$112,419.00	\$12.00	\$149,892.00	\$37,473.00	\$7.75	\$96,805.25	(\$15,613.75)
5	202	597	SF	WALK REMOVED	\$6.00	\$3,582.00	\$4.00	\$2,388.00	(\$1,194.00)	\$1.75	\$1,044.75	(\$2,537.25)
6	202	58	FT	CURB REMOVED	\$25.00	\$1,450.00	\$11.00	\$638.00	(\$812.00)	\$19.00	\$1,102.00	(\$348.00)
7	202	728	FT	PIPE REMOVED, 24" AND UNDER	\$15.00	\$10,920.00	\$31.00	\$22,568.00	\$11,648.00	\$35.00	\$25,480.00	\$14,560.00
8	202	80	FT	PIPE REMOVED, OVER 24"	\$66.00	\$5,280.00	\$160.00	\$12,800.00	\$7,520.00	\$200.00	\$16,000.00	\$10,720.00
9	202	195	FT	GUARDRAIL REMOVED	\$3.00	\$585.00	\$9.00	\$1,755.00	\$1,170.00	\$7.00	\$1,365.00	\$780.00
10	SPECIAL	67	FT	FILL AND PLUG EXISTING CONDUIT, 18"	\$47.00	\$3,149.00	\$50.00	\$3,350.00	\$201.00	\$54.00	\$3,618.00	\$469.00
11	202	16	FT	FENCE REMOVED	\$8.00	\$128.00	\$22.50	\$360.00	\$232.00	\$50.00	\$800.00	\$672.00
12	202	1	EACH	REMOVAL MISC: LANDSCAPE ROCK REMOVED	\$100.00	\$100.00	\$650.00	\$650.00	\$550.00	\$750.00	\$750.00	\$650.00
13	202	1	EACH	REMOVAL MISC: LANDSCAPING AND DEBRIS REMOVED	\$300.00	\$300.00	\$1,200.00	\$1,200.00	\$900.00	\$790.00	\$790.00	\$490.00
14	202	800	FT	REMOVAL MISC: CONDUIT	\$30.00	\$24,000.00	\$22.00	\$17,600.00	(\$6,400.00)	\$10.00	\$8,000.00	(\$16,000.00)
15	203	5764	CY	EXCAVATION	\$20.00	\$115,280.00	\$30.00	\$172,920.00	\$57,640.00	\$29.00	\$167,156.00	\$51,876.00
16	203	4361	CY	EMBANKMENT	\$17.00	\$74,137.00	\$15.50	\$67,595.50	(\$6,541.50)	\$12.00	\$52,332.00	(\$21,805.00)
17	203	30	CY	GRANULAR MATERIAL, TYPE C, "B"	\$80.00	\$2,400.00	\$150.00	\$4,500.00	\$2,100.00	\$130.00	\$3,900.00	\$1,500.00
18	204	10931	SY	SUBGRADE COMPACTION	\$6.00	\$65,586.00	\$4.00	\$43,724.00	(\$21,862.00)	\$5.50	\$60,120.50	(\$5,465.50)
19	204	835	CY	EXCAVATION OF SUBGRADE, AS PER PLAN	\$40.00	\$33,400.00	\$44.00	\$36,740.00	\$3,340.00	\$42.00	\$35,070.00	\$1,670.00
20	204	835	CY	GRANULAR MATERIAL, TYPE C, AS PER PLAN, "A"	\$102.00	\$85,170.00	\$62.00	\$51,770.00	(\$33,400.00)	\$90.00	\$75,150.00	(\$10,020.00)
21	204	40	HOURL	PROOF ROLLING	\$275.00	\$11,000.00	\$350.00	\$14,000.00	\$3,000.00	\$250.00	\$10,000.00	(\$1,000.00)
22	204	1670	SY	GEOTEXTILE FABRIC, AS PER PLAN	\$2.00	\$3,340.00	\$3.00	\$5,010.00	\$1,670.00	\$0.60	\$1,002.00	(\$2,338.00)
23	608	355	SF	5" CONCRETE WALK	\$15.00	\$5,325.00	\$15.00	\$5,325.00	\$0.00	\$9.50	\$3,372.50	(\$1,952.50)
24	608	725	SF	CURB RAMP	\$35.00	\$25,375.00	\$13.00	\$9,425.00	(\$15,950.00)	\$34.00	\$24,650.00	(\$725.00)
25	608	415	SF	CURB RAMP, AS PER PLAN	\$42.00	\$17,430.00	\$15.00	\$6,225.00	(\$11,205.00)	\$40.50	\$16,807.50	(\$622.50)
26	609	334	FT	CURB, TYPE 6	\$50.00	\$16,700.00	\$45.00	\$15,030.00	(\$1,670.00)	\$33.50	\$11,189.00	(\$5,511.00)
27	611	1	EACH	MANHOLE ADJUSTED TO GRADE	\$1,100.00	\$1,100.00	\$1,200.00	\$1,200.00	\$100.00	\$1,187.00	\$1,187.00	\$87.00
28	623	8	EACH	PRIMARY PROJECT CONTROL MONUMENT, TYPE A	\$815.00	\$6,520.00	\$1,300.00	\$10,400.00	\$3,880.00	\$875.00	\$7,000.00	\$480.00
29	623	10	EACH	PRIMARY PROJECT CONTROL MONUMENT, TYPE B	\$1,100.00	\$11,000.00	\$1,400.00	\$14,000.00	\$3,000.00	\$884.00	\$8,840.00	(\$2,160.00)
30	SPECIAL	1	EACH	MAILBOX REMOVED AND RESET	\$290.00	\$290.00	\$525.00	\$525.00	\$235.00	\$826.00	\$826.00	\$536.00
31	601	74	CY	ROCK CHANNEL PROTECTION, TYPE A WITH FILTER	\$125.00	\$9,250.00	\$110.00	\$8,140.00	(\$1,110.00)	\$125.00	\$9,250.00	\$0.00
32	601	37	CY	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	\$134.00	\$4,958.00	\$105.00	\$3,885.00	(\$1,073.00)	\$190.00	\$7,030.00	\$2,072.00
33	601	2	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	\$315.00	\$630.00	\$320.00	\$640.00	\$10.00	\$375.00	\$750.00	\$120.00
34	601	34	FT	PAVED GUTTER, TYPE 1-2	\$124.00	\$4,216.00	\$85.00	\$2,890.00	(\$1,326.00)	\$198.00	\$6,732.00	\$2,516.00
35	659	4	EACH	SOIL ANALYSIS TEST	\$90.00	\$360.00	\$150.00	\$600.00	\$240.00	\$150.00	\$600.00	\$240.00
36	659	1276	CY	TOPSOIL	\$24.00	\$30,624.00	\$40.00	\$51,040.00	\$20,416.00	\$38.00	\$48,488.00	\$17,864.00
37	659	2.37	ACRE	LIME	\$128.00	\$303.36	\$100.00	\$237.00	(\$66.36)	\$100.00	\$237.00	(\$66.36)
38	659	11492	SY	SEEDING AND MULCHING	\$1.00	\$11,492.00	\$0.70	\$8,044.40	(\$3,447.60)	\$0.70	\$8,044.40	(\$3,447.60)
39	659	575	SY	REPAIR SEEDING AND MULCHING	\$1.00	\$575.00	\$0.70	\$402.50	(\$172.50)	\$0.70	\$402.50	(\$172.50)
40	659	575	SY	INTER-SEEDING	\$1.00	\$575.00	\$0.70	\$402.50	(\$172.50)	\$0.70	\$402.50	(\$172.50)
41	659	1.6	TON	COMMERCIAL FERTILIZER	\$985.00	\$1,576.00	\$1,400.00	\$2,240.00	\$664.00	\$1,400.00	\$2,240.00	\$664.00
42	659	31	MGAL	WATER	\$1.00	\$31.00	\$1.00	\$31.00	\$0.00	\$1.00	\$31.00	\$0.00
43	659	26	MSF	MOWING	\$24.00	\$624.00	\$130.00	\$3,380.00	\$2,756.00	\$130.00	\$3,380.00	\$2,756.00
44	670	665	SY	SLOPE EROSION PROTECTION	\$3.00	\$1,995.00	\$3.00	\$1,995.00	\$0.00	\$3.00	\$1,995.00	\$0.00
45	832	1	LS	STORM WATER POLLUTION PREVENTION PLAN	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	(\$500.00)	\$3,000.00	\$3,000.00	\$0.00
46	832	1	LS	STORM WATER POLLUTION PREVENTION INSPECTIONS	\$8,000.00	\$8,000.00	\$16,200.00	\$16,200.00	\$8,200.00	\$20,000.00	\$20,000.00	\$12,000.00
47	832	1	LS	STORM WATER POLLUTION PREVENTION INSPECTIONS SOFTWARE	\$10,000.00	\$10,000.00	\$12,110.00	\$12,110.00	\$2,110.00	\$13,000.00	\$13,000.00	\$3,000.00
48	832	47000	EACH	EROSION CONTROL	\$1.00	\$47,000.00	\$1.00	\$47,000.00	\$0.00	\$1.00	\$47,000.00	\$0.00
49	602	15	CY	CONCRETE MASONRY	\$1,500.00	\$22,500.00	\$5,000.00	\$75,000.00	\$52,500.00	\$5,750.00	\$86,250.00	\$63,750.00
50	605	4705	FT	4" SHALLOW PIPE UNDERDRAINS	\$18.00	\$84,690.00	\$15.00	\$70,575.00	(\$14,115.00)	\$19.00	\$89,395.00	\$4,705.00
51	611	50	FT	4" CONDUIT, TYPE F	\$21.00	\$1,050.00	\$30.00	\$1,500.00	\$450.00	\$34.00	\$1,700.00	\$650.00

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							UNIT \$	COST	+/- EST	UNIT \$	COST	+/- EST
52	611	280	FT	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET	\$30.00	\$8,400.00	\$24.00	\$6,720.00	(\$1,680.00)	\$35.00	\$9,800.00	\$1,400.00
53	611	50	FT	6" CONDUIT, TYPE F	\$26.00	\$1,300.00	\$36.00	\$1,800.00	\$500.00	\$35.00	\$1,750.00	\$450.00
54	611	19	FT	6" CONDUIT, TYPE C	\$52.00	\$988.00	\$35.00	\$665.00	(\$323.00)	\$92.00	\$1,748.00	\$760.00
55	611	50	FT	8" CONDUIT, TYPE F	\$31.00	\$1,550.00	\$69.00	\$3,450.00	\$1,900.00	\$55.00	\$2,750.00	\$1,200.00
56	611	328	FT	12" CONDUIT, TYPE A	\$160.00	\$52,480.00	\$165.00	\$54,120.00	\$1,640.00	\$106.00	\$34,768.00	(\$17,712.00)
57	611	227	FT	12" CONDUIT, TYPE B	\$112.00	\$25,424.00	\$160.00	\$36,320.00	\$10,896.00	\$114.00	\$25,878.00	\$454.00
58	611	87	FT	12" CONDUIT, TYPE C	\$88.00	\$7,656.00	\$130.00	\$11,310.00	\$3,654.00	\$103.00	\$8,961.00	\$1,305.00
59	611	164	FT	12" CONDUIT, TYPE D	\$67.00	\$10,988.00	\$100.00	\$16,400.00	\$5,412.00	\$67.00	\$10,988.00	\$0.00
60	611	50	FT	12" CONDUIT, TYPE F	\$72.00	\$3,600.00	\$107.00	\$5,350.00	\$1,750.00	\$73.00	\$3,650.00	\$50.00
61	611	41	FT	15" CONDUIT, TYPE C	\$106.00	\$4,346.00	\$125.00	\$5,125.00	\$779.00	\$139.00	\$5,699.00	\$1,353.00
62	611	222	FT	18" CONDUIT, TYPE B	\$154.00	\$34,188.00	\$180.00	\$39,960.00	\$5,772.00	\$134.00	\$29,748.00	(\$4,440.00)
63	611	126	FT	18" CONDUIT, TYPE C	\$91.00	\$11,466.00	\$140.00	\$17,640.00	\$6,174.00	\$118.00	\$14,868.00	\$3,402.00
64	611	134	FT	8' X 5' CONDUIT, TYPE A, 706.05	\$850.00	\$113,900.00	\$2,000.00	\$268,000.00	\$154,100.00	\$1,965.00	\$263,310.00	\$149,410.00
65	611	22	FT	CONDUIT, MISC.: 2" TYPE C	\$20.00	\$440.00	\$14.00	\$308.00	(\$132.00)	\$44.00	\$968.00	\$528.00
66	611	8	EACH	CATCH BASIN, NO. 2-2A	\$2,100.00	\$16,800.00	\$3,700.00	\$29,600.00	\$12,800.00	\$3,470.00	\$27,760.00	\$10,960.00
67	611	2	EACH	CATCH BASIN, NO. 2-2B	\$2,262.00	\$4,524.00	\$3,900.00	\$7,800.00	\$3,276.00	\$3,788.00	\$7,576.00	\$3,052.00
68	611	1	EACH	MANHOLE, NO. 3	\$5,402.00	\$5,402.00	\$4,500.00	\$4,500.00	(\$902.00)	\$3,900.00	\$3,900.00	(\$1,502.00)
69	611	8	EACH	PRECAST REINFORCED CONCRETE OUTLET	\$347.00	\$2,776.00	\$400.00	\$3,200.00	\$424.00	\$495.00	\$3,960.00	\$1,184.00
70	254	4619	SY	PAVEMENT PLANNING, ASPHALT CONCRETE (3" THICK)	\$5.00	\$23,095.00	\$5.60	\$25,866.40	\$2,771.40	\$9.50	\$43,880.50	\$20,785.50
71	302	1538	CY	ASPHALT CONCRETE BASE, PG64-22, (449) (6" THICK)	\$175.00	\$269,150.00	\$173.50	\$266,843.00	(\$2,307.00)	\$200.00	\$307,600.00	\$38,450.00
72	304	1739	CY	AGGREGATE BASE (6" THICK)	\$75.00	\$130,425.00	\$70.00	\$121,730.00	(\$8,695.00)	\$92.00	\$159,988.00	\$29,563.00
73	304	396	CY	AGGREGATE BASE (6" THICK TREATED SHOULDER)	\$85.00	\$33,660.00	\$75.00	\$29,700.00	(\$3,960.00)	\$125.00	\$49,500.00	\$15,840.00
74	304	111	CY	AGGREGATE BASE (8" THICK)	\$103.00	\$11,433.00	\$75.00	\$8,325.00	(\$3,108.00)	\$120.00	\$13,320.00	\$1,887.00
75	407	692	GAL	NON-TRACKING TACK COAT (0.075 GAL/SY)	\$5.00	\$3,460.00	\$3.70	\$2,560.40	(\$899.60)	\$3.25	\$2,249.00	(\$1,211.00)
76	407	461	GAL	NON-TRACKING TACK COAT (0.050 GAL/SY)	\$5.00	\$2,305.00	\$3.70	\$1,705.70	(\$599.30)	\$3.25	\$1,498.25	(\$806.75)
77	411	198	CY	STABILIZED CRUSHED AGGREGATE (3" THICK)	\$105.00	\$20,790.00	\$110.00	\$21,780.00	\$990.00	\$140.00	\$27,720.00	\$6,930.00
78	442	577	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (449) (1.5" THICK)	\$360.00	\$207,720.00	\$260.00	\$150,020.00	(\$57,700.00)	\$300.00	\$173,100.00	(\$34,620.00)
79	442	767	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (449) (2" THICK)	\$332.00	\$254,644.00	\$230.00	\$176,410.00	(\$78,234.00)	\$250.00	\$191,750.00	(\$62,894.00)
80	441	17	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22 (1.25" THICK)	\$360.00	\$6,120.00	\$635.00	\$10,795.00	\$4,675.00	\$550.00	\$9,350.00	\$3,230.00
81	441	24	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449), (DRIVEWAYS) (1.75" THICK)	\$332.00	\$7,968.00	\$470.00	\$11,280.00	\$3,312.00	\$550.00	\$13,200.00	\$5,232.00
82	605	50	FT	AGGREGATE DRAINS	\$25.00	\$1,250.00	\$25.00	\$1,250.00	\$0.00	\$18.09	\$904.50	(\$345.50)
83	630	334.5	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	\$16.00	\$5,352.00	\$16.00	\$5,352.00	\$0.00	\$16.00	\$5,352.00	\$0.00
84	630	143.2	SF	SIGN, FLAT SHEET	\$20.00	\$2,864.00	\$20.00	\$2,864.00	\$0.00	\$20.00	\$2,864.00	\$0.00
85	630	21	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	\$15.00	\$315.00	\$10.00	\$210.00	(\$105.00)	\$10.00	\$210.00	(\$105.00)
86	630	7	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	\$75.00	\$525.00	\$65.00	\$455.00	(\$70.00)	\$65.00	\$455.00	(\$70.00)
87	630	20	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	\$22.00	\$440.00	\$15.00	\$300.00	(\$140.00)	\$15.00	\$300.00	(\$140.00)
88	630	1	EACH	SIGNING, MISC.: SCHOOL FLASHER SIGN ASSEMBLY	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00	\$2,000.00	\$12,000.00	\$12,000.00	\$2,000.00
89	642	52	FT	REMOVAL OF PAVEMENT MARKING	\$18.00	\$936.00	\$25.00	\$1,300.00	\$364.00	\$25.00	\$1,300.00	\$364.00
90	644	1.24	MILE	EDGE LINE, 4"	\$3,190.00	\$3,955.60	\$4,933.00	\$6,116.92	\$2,161.32	\$4,933.00	\$6,116.92	\$2,161.32
91	644	0.86	MILE	CENTER LINE	\$5,960.00	\$5,125.60	\$8,396.00	\$7,220.56	\$2,094.96	\$8,396.00	\$7,220.56	\$2,094.96
92	644	2101	FT	CHANNELIZING LINE, 8"	\$2.00	\$4,202.00	\$2.05	\$4,307.05	\$105.05	\$2.05	\$4,307.05	\$105.05
93	644	249	FT	STOP LINE	\$8.00	\$1,992.00	\$9.90	\$2,465.10	\$473.10	\$9.90	\$2,465.10	\$473.10
94	644	1116	FT	CROSSWALK LINE, 12"	\$3.00	\$3,348.00	\$4.10	\$4,575.60	\$1,227.60	\$4.10	\$4,575.60	\$1,227.60
95	644	430	FT	TRANSVERSE/DIAGONAL LINE	\$6.00	\$2,580.00	\$9.20	\$3,956.00	\$1,376.00	\$9.20	\$3,956.00	\$1,376.00
96	644	2	EACH	SCHOOL SYMBOL MARKING, 96"	\$620.00	\$1,240.00	\$480.00	\$960.00	(\$280.00)	\$780.00	\$1,560.00	\$320.00
97	644	25	EACH	LANE ARROW	\$110.00	\$2,750.00	\$98.00	\$2,450.00	(\$300.00)	\$98.00	\$2,450.00	(\$300.00)
98	625	11	EACH	CONNECTION, FUSED PULL APART	\$120.00	\$1,320.00	\$140.00	\$1,540.00	\$220.00	\$140.00	\$1,540.00	\$220.00

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99	625	22	EACH	CONNECTION, UNFUSED PULL APART	\$100.00	\$2,200.00	\$140.00	\$3,080.00	\$880.00	\$140.00	\$3,080.00	\$880.00
100	625	1	EACH	BRACKET ARM, 10', AS PER PLAN	\$1,600.00	\$1,600.00	\$1,100.00	\$1,100.00	(\$500.00)	\$1,100.00	\$1,100.00	(\$500.00)
101	625	10	EACH	BRACKET ARM, 25', AS PER PLAN	\$2,300.00	\$23,000.00	\$1,650.00	\$16,500.00	(\$6,500.00)	\$1,650.00	\$16,500.00	(\$6,500.00)
102	625	4179	FT	NO. 8 AWG 600 VOLT DISTRIBUTION CABLE	\$4.00	\$16,716.00	\$2.25	\$9,402.75	(\$7,313.25)	\$2.25	\$9,402.75	(\$7,313.25)
103	625	1725	FT	NO. 10 AWG POLE AND BRACKET CABLE	\$3.00	\$5,175.00	\$2.50	\$4,312.50	(\$862.50)	\$2.50	\$4,312.50	(\$862.50)
104	625	91	FT	CONDUIT, 2", 725.04	\$30.00	\$2,730.00	\$20.00	\$1,820.00	(\$910.00)	\$20.00	\$1,820.00	(\$910.00)
105	625	261	FT	CONDUIT, 2", 725.052	\$27.00	\$7,047.00	\$8.00	\$2,088.00	(\$4,959.00)	\$8.00	\$2,088.00	(\$4,959.00)
106	625	250	FT	CONDUIT, 4", 725.052	\$40.00	\$10,000.00	\$20.00	\$5,000.00	(\$5,000.00)	\$20.00	\$5,000.00	(\$5,000.00)
107	625	926	FT	CONDUIT, JACKED OR DRILLED, 4", 725.04	\$80.00	\$74,080.00	\$60.00	\$55,560.00	(\$18,520.00)	\$50.00	\$46,300.00	(\$27,780.00)
108	625	11	EACH	LUMINAIRE, MISC.: LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), IES TYPE III, LED	\$550.00	\$6,050.00	\$400.00	\$4,400.00	(\$1,650.00)	\$400.00	\$4,400.00	(\$1,650.00)
109	625	560	FT	TRENCH	\$20.00	\$11,200.00	\$10.00	\$5,600.00	(\$5,600.00)	\$10.00	\$5,600.00	(\$5,600.00)
110	625	15	EACH	PULL BOX, 725.08, 24"	\$1,600.00	\$24,000.00	\$1,300.00	\$19,500.00	(\$4,500.00)	\$1,300.00	\$19,500.00	(\$4,500.00)
111	625	29	EACH	GROUND ROD	\$400.00	\$11,600.00	\$300.00	\$8,700.00	(\$2,900.00)	\$300.00	\$8,700.00	(\$2,900.00)
112	630	10	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	\$17.00	\$170.00	\$16.00	\$160.00	(\$10.00)	\$16.00	\$160.00	(\$10.00)
113	630	3	EACH	SIGN ATTACHMENT ASSEMBLY	\$780.00	\$2,340.00	\$465.00	\$1,395.00	(\$945.00)	\$465.00	\$1,395.00	(\$945.00)
114	630	29	EACH	SIGN ATTACHMENT ASSEMBLY, MAST ARM	\$700.00	\$20,300.00	\$575.00	\$16,675.00	(\$3,625.00)	\$575.00	\$16,675.00	(\$3,625.00)
115	630	278	SF	SIGN, FLAT SHEET	\$40.00	\$11,120.00	\$20.00	\$5,560.00	(\$5,560.00)	\$20.00	\$5,560.00	(\$5,560.00)
116	630	1	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	\$15.00	\$15.00	\$10.00	\$10.00	(\$5.00)	\$10.00	\$10.00	(\$5.00)
117	630	1	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	\$16.00	\$16.00	\$14.00	\$14.00	(\$2.00)	\$14.00	\$14.00	(\$2.00)
118	632	14	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (BLACK)	\$1,200.00	\$16,800.00	\$1,100.00	\$15,400.00	(\$1,400.00)	\$1,100.00	\$15,400.00	(\$1,400.00)
119	632	11	EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (BLACK)	\$1,600.00	\$17,600.00	\$1,700.00	\$18,700.00	\$1,100.00	\$1,700.00	\$18,700.00	\$1,100.00
120	632	18	EACH	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN	\$830.00	\$14,940.00	\$625.00	\$11,250.00	(\$3,690.00)	\$625.00	\$11,250.00	(\$3,690.00)
121	632	25	EACH	COVERING OF VEHICULAR SIGNAL HEAD	\$120.00	\$3,000.00	\$35.00	\$875.00	(\$2,125.00)	\$35.00	\$875.00	(\$2,125.00)
122	632	18	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	\$65.00	\$1,170.00	\$30.00	\$540.00	(\$630.00)	\$30.00	\$540.00	(\$630.00)
123	632	18	EACH	PEDESTRIAN PUSHBUTTON	\$400.00	\$7,200.00	\$325.00	\$5,850.00	(\$1,350.00)	\$325.00	\$5,850.00	(\$1,350.00)
124	632	2494	FT	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG	\$3.00	\$7,482.00	\$2.50	\$6,235.00	(\$1,247.00)	\$2.50	\$6,235.00	(\$1,247.00)
125	632	2584	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	\$4.00	\$10,336.00	\$3.00	\$7,752.00	(\$2,584.00)	\$3.00	\$7,752.00	(\$2,584.00)
126	632	4458	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	\$4.50	\$20,061.00	\$3.50	\$15,603.00	(\$4,458.00)	\$3.50	\$15,603.00	(\$4,458.00)
127	632	10	EACH	SIGNAL SUPPORT FOUNDATION	\$7,000.00	\$70,000.00	\$7,500.00	\$75,000.00	\$5,000.00	\$5,500.00	\$55,000.00	(\$15,000.00)
128	632	16	EACH	PEDESTRIAN FOUNDATION	\$1,200.00	\$19,200.00	\$1,200.00	\$19,200.00	\$0.00	\$900.00	\$14,400.00	(\$4,800.00)
129	632	313	FT	POWER CABLE, 3 CONDUCTOR, NO. 8 AWG	\$10.00	\$3,130.00	\$6.00	\$1,878.00	(\$1,252.00)	\$6.00	\$1,878.00	(\$1,252.00)
130	632	45	FT	SERVICE CABLE, 3 CONDUCTOR, NO. 8 AWG	\$10.00	\$450.00	\$7.00	\$315.00	(\$135.00)	\$7.00	\$315.00	(\$135.00)
131	632	3	EACH	POWER SERVICE, AS PER PLAN	\$3,300.00	\$9,900.00	\$3,000.00	\$9,000.00	(\$900.00)	\$3,000.00	\$9,000.00	(\$900.00)
132	632	3	EACH	CONDUIT RISER, 2" DIAMETER	\$1,000.00	\$3,000.00	\$900.00	\$2,700.00	(\$300.00)	\$900.00	\$2,700.00	(\$300.00)
133	632	1	EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-12.31 DESIGN 10 POLE, WITH MAST ARMS TC-81.22 DESIGN 12 AND DESIGN 12	\$30,000.00	\$30,000.00	\$36,000.00	\$36,000.00	\$6,000.00	\$36,000.00	\$36,000.00	\$6,000.00
134	632	5	EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12	\$19,000.00	\$95,000.00	\$19,000.00	\$95,000.00	\$0.00	\$17,000.00	\$85,000.00	(\$10,000.00)
135	632	1	EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 4	\$18,000.00	\$18,000.00	\$16,000.00	\$16,000.00	(\$2,000.00)	\$16,000.00	\$16,000.00	(\$2,000.00)
136	632	2	EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 13	\$20,000.00	\$40,000.00	\$21,000.00	\$42,000.00	\$2,000.00	\$21,000.00	\$42,000.00	\$2,000.00
137	632	1	EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 14	\$21,000.00	\$21,000.00	\$22,000.00	\$22,000.00	\$1,000.00	\$22,000.00	\$22,000.00	\$1,000.00
138	632	4	EACH	PEDESTAL, 5', TRANSFORMER BASE	\$1,100.00	\$4,400.00	\$775.00	\$3,100.00	(\$1,300.00)	\$775.00	\$3,100.00	(\$1,300.00)
139	632	12	EACH	PEDESTAL, 8', TRANSFORMER BASE	\$1,200.00	\$14,400.00	\$1,375.00	\$16,500.00	\$2,100.00	\$1,375.00	\$16,500.00	\$2,100.00

BID TABULATION
FAIRFIELD COUNTY ENGINEER'S OFFICE
FAI-CR7-1.94 REFUGEE ROAD INTERSECTION SAFETY IMPROVEMENTS

CONTRACTOR BIDS

REF NO.	ITEM NO.	QUANTITY	UNIT	DESCRIPTION	EST. UNIT COST	EST. COST	COMPLETE GENERAL CONSTRUCTION			SHELLY AND SANDS INC		
							UNIT \$	COST	+/- EST	UNIT \$	COST	+/- EST
140	632	3	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION	\$5,000.00	\$15,000.00	\$6,000.00	\$18,000.00	\$3,000.00	\$6,000.00	\$18,000.00	\$3,000.00
141	633	3	EACH	GPS (GLOBAL POSITIONING SYSTEM) CLOCK ASSEMBLY	\$2,000.00	\$6,000.00	\$800.00	\$2,400.00	(\$3,600.00)	\$800.00	\$2,400.00	(\$3,600.00)
142	633	3	EACH	CABINET, TYPE TS-2, AS PER PLAN	\$15,000.00	\$45,000.00	\$20,000.00	\$60,000.00	\$15,000.00	\$20,000.00	\$60,000.00	\$15,000.00
143	633	3	EACH	CABINET FOUNDATION	\$4,000.00	\$12,000.00	\$3,500.00	\$10,500.00	(\$1,500.00)	\$3,500.00	\$10,500.00	(\$1,500.00)
144	633	3	EACH	CONTROLLER WORK PAD	\$1,200.00	\$3,600.00	\$2,500.00	\$7,500.00	\$3,900.00	\$2,500.00	\$7,500.00	\$3,900.00
145	633	3	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	\$7,000.00	\$21,000.00	\$7,000.00	\$21,000.00	\$0.00	\$7,000.00	\$21,000.00	\$0.00
146	809	6	EACH	ADVANCE RADAR DETECTION, AS PER PLAN	\$7,850.00	\$47,100.00	\$9,200.00	\$55,200.00	\$8,100.00	\$9,000.00	\$54,000.00	\$6,900.00
147	809	10	EACH	STOP LINE RADAR DETECTION, AS PER PLAN	\$7,585.00	\$75,850.00	\$8,800.00	\$88,000.00	\$12,150.00	\$8,000.00	\$80,000.00	\$4,150.00
148	809	3	EACH	ATC CONTROLLER, AS PER PLAN	\$6,300.00	\$18,900.00	\$5,000.00	\$15,000.00	(\$3,900.00)	\$5,000.00	\$15,000.00	(\$3,900.00)
149	809	3	EACH	EMERGENCY VEHICLE PREEMPTION, AS PER PLAN	\$2,500.00	\$7,500.00	\$1,500.00	\$4,500.00	(\$3,000.00)	\$1,500.00	\$4,500.00	(\$3,000.00)
150	614	1	LS	MAINTAINING TRAFFIC	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$0.00	\$135,000.00	\$135,000.00	\$35,000.00
151	614	40	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	\$120.00	\$4,800.00	\$90.00	\$3,600.00	(\$1,200.00)	\$85.00	\$3,400.00	(\$1,400.00)
152	623	1	LS	CONSTRUCTION LAYOUT STAKES AND SURVEYING	\$40,000.00	\$40,000.00	\$70,000.00	\$70,000.00	\$30,000.00	\$39,000.00	\$39,000.00	(\$1,000.00)
153	624	1	LS	MOBILIZATION	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$0.00	\$100,000.00	\$100,000.00	\$0.00
154	103	1	LS	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND	\$50,000.00	\$50,000.00	\$22,000.00	\$22,000.00	(\$28,000.00)	\$19,500.00	\$19,500.00	(\$30,500.00)
TOTAL =							\$3,581,083.88			\$3,626,664.63		