

Solid Waste Scale and Fee Booth Relocation

CIP #: 2208-002												
BID TAB					Engineers Estimate		Fann Contracting		% Over/ Under	Danson Construction, LLC		% Over/ Under
Line No.	Item	Description	Qty	Unit	Unit Cost	Amount	Unit Cost	Amount		Unit Cost	Amount	
General Construction Items												
1	105.8	Construction Stakes, Lines and Grade	1	LS	\$25,000.00	\$25,000.00	\$13,300.00	\$13,300.00	-47%	\$21,301.00	\$21,301.00	-15%
2	107.15	Public Relations	1	ALL	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	0%	\$25,000.00	\$25,000.00	0%
3	107.16	Storm Water Pollution Prevention Plan (SWPPP)	1	LS	\$20,000.00	\$20,000.00	\$22,050.00	\$22,050.00	10%	\$22,797.00	\$22,797.00	14%
4	109.1	Mobilization/Demobilization	1	LS	\$200,000.00	\$200,000.00	\$285,000.00	\$285,000.00	43%	\$213,957.00	\$213,957.00	7%
5	109.11	Contract Allowance	1	ALL	\$250,000.00	\$250,000.00	\$250,000.00	\$250,000.00	0%	\$250,000.00	\$250,000.00	0%
6	401.1	Traffic Control Plan	1	LS	\$5,000.00	\$5,000.00	\$665.00	\$665.00	-87%	\$1,151.00	\$1,151.00	-77%
7	401.2a	Barricades and Storage	1	LS	\$15,000.00	\$15,000.00	\$7,700.00	\$7,700.00	-49%	\$8,635.00	\$8,635.00	-42%
8	401.2b	Message Boards (Each per Day)	120	EA	\$125.00	\$15,000.00	\$135.00	\$16,200.00	8%	\$72.83	\$8,739.60	-42%
9	401.2c	Incidental Traffic Related Items	1	LS	\$25,000.00	\$25,000.00	\$1,330.00	\$1,330.00	-95%	\$5,757.00	\$5,757.00	-77%
10	401.3a	Flaggers	400	HR	\$40.00	\$16,000.00	\$40.00	\$16,000.00	0%	\$60.10	\$24,040.00	50%
11	401.2e	Uniformed Off-Duty Law Enforcement Officers Allowance	1	ALL	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	0%	\$12,000.00	\$12,000.00	0%
<i>General Construction Items Subtotal</i>					\$608,000.00		\$649,245.00		7%	\$593,377.60		-2%
Removal Items												
12	205.1	Roadway Excavation	1,510	CY	\$70.00	\$105,700.00	\$23.00	\$34,730.00	-67%	\$38.22	\$57,712.20	-45%
13	205.2	Unsuitable Material Remediation - (Provisionary Item May Not be Used)	400	CY	\$100.00	\$40,000.00	\$45.00	\$18,000.00	-55%	\$32.81	\$13,124.00	-67%
14	350.1SP	Remove and Dispose Asphalt Pavement	4,374	SY	\$6.00	\$26,244.00	\$7.00	\$30,618.00	17%	\$9.89	\$43,258.86	65%
15	350.2SP	Remove and Dispose Single Curb	210	LF	\$15.00	\$3,150.00	\$12.00	\$2,520.00	-20%	\$10.02	\$2,104.20	-33%
16	350.3SP	Remove and Dispose Roll Curb and Gutter	145	LF	\$15.00	\$2,175.00	\$18.00	\$2,610.00	20%	\$11.89	\$1,724.05	-21%
17	350.4SP	Remove and Dispose Concrete Pavement	960	SF	\$20.00	\$19,200.00	\$5.50	\$5,280.00	-73%	\$4.61	\$4,425.60	-77%
18	350.5SP	Remove and Dispose Slotted Drain and Valley Gutter	490	SF	\$20.00	\$9,800.00	\$20.50	\$10,045.00	3%	\$10.36	\$5,076.40	-48%
19	350.6SP	Remove and Dispose Hydrant	2	EA	\$2,500.00	\$5,000.00	\$2,470.00	\$4,940.00	-1%	\$4,202.56	\$8,405.12	68%
20	350.7SP	Remove and Dispose Storm Drain Pipe	130	LF	\$100.00	\$13,000.00	\$68.00	\$8,840.00	-32%	\$28.21	\$3,667.30	-72%
21	350.8SP	Remove and Relocate Existing Sign	2	EA	\$1,200.00	\$2,400.00	\$265.00	\$530.00	-78%	\$595.84	\$1,191.68	-50%
22	350.9SP	Remove and Reset Existing Chain Link Fence	426	LF	\$50.00	\$21,300.00	\$63.00	\$26,838.00	26%	\$54.00	\$23,004.00	8%
23	650.1 SP	Remove and Dispose Water Main	150	LF	\$100.00	\$15,000.00	\$70.00	\$10,500.00	-30%	\$31.66	\$4,749.00	-68%

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Line No.	Item	Description	Qty	Unit	Unit Cost	Amount	Unit Cost	Amount		Unit Cost	Amount	
<i>Removal Items Subtotal</i>					<i>\$262,969.00</i>		<i>\$155,451.00</i>		<i>-41%</i>	<i>\$168,442.41</i>		<i>-36%</i>
Roadway Improvements												
24	211.1	Embankment Material	200	CY	\$8.00	\$1,600.00	\$51.00	\$10,200.00	538%	\$75.99	\$15,198.00	850%
25	220.1	RipRap, D50=6"	4	CY	\$250.00	\$1,000.00	\$414.00	\$1,656.00	66%	\$143.92	\$575.68	-42%
26	301.1	8" Subgrade Preparation	4,873	SY	\$8.00	\$38,984.00	\$3.00	\$14,619.00	-63%	\$10.48	\$51,069.04	31%
27	310.1SP	6" Aggregate Base Course	0	CY	\$95.00	\$0.00	\$180.00	\$0.00	0%	\$0.00	\$0.00	0%
28	310.2SP	8" Aggregate Base Course	1,200	CY	\$95.00	\$114,000.00	\$74.00	\$88,800.00	-22%	\$145.55	\$174,660.00	53%
29	310.3SP	Temporary 6" Aggregate Base Course	14	CY	\$120.00	\$1,680.00	\$178.00	\$2,492.00	48%	\$118.59	\$1,660.26	-1%
30	310.4 SP	6" Aggregate Surface Course	56	CY	\$20.00	\$1,120.00	\$150.00	\$8,400.00	650%	\$118.49	\$6,635.44	492%
31	321.1	5" Asphalt Concrete (AC) Pavement	5,372	SY	\$48.00	\$257,856.00	\$51.00	\$273,972.00	6%	\$61.04	\$327,906.88	27%
32	321.2	Temporary 3" Asphalt Concrete (AC) Pavement	20	SY	\$60.00	\$1,200.00	\$94.00	\$1,880.00	57%	\$702.63	\$14,052.60	1071%
33	329.1	AC Bituminous Tack Coat, Type SS-1h	5,372	SY	\$1.00	\$5,372.00	\$1.40	\$7,520.80	40%	\$1.17	\$6,285.24	17%
34	340.1	6" Concrete Driveway	64	SY	\$55.00	\$3,520.00	\$135.00	\$8,640.00	145%	\$301.66	\$19,306.24	448%
35	340.2	Roll Curb and Gutter Type C, Quad City Std. Dtl. 220Q-1	912	LF	\$45.00	\$41,040.00	\$44.00	\$40,128.00	-2%	\$55.23	\$50,369.76	23%
36	340.3	Roll Curb and Gutter Type D, Quad City Std. Dtl. 220Q-1	280	LF	\$45.00	\$12,600.00	\$42.00	\$11,760.00	-7%	\$83.72	\$23,441.60	86%
37	340.4	Vertical Curb and Gutter Type A, Quad City Std. Dtl. 220Q-1	325	LF	\$45.00	\$14,625.00	\$45.00	\$14,625.00	0%	\$42.60	\$13,845.00	-5%
38	340.5	6" Single Curb Type A, MAG Std. Dtl. 222	242	LF	\$35.00	\$8,470.00	\$44.00	\$10,648.00	26%	\$36.84	\$8,915.28	5%
39	340.6	Curb Transition	2	EA	\$400.00	\$800.00	\$335.00	\$670.00	-16%	\$575.69	\$1,151.38	44%
40	340.7	Curb Opening, MAG Std. Dtl. 226-1	2	EA	\$200.00	\$400.00	\$335.00	\$670.00	68%	\$575.69	\$1,151.38	188%
41	340.8	Valley Gutter, Quad City Std. Dtl. 240Q-1	360	SF	\$60.00	\$21,600.00	\$67.00	\$24,120.00	12%	\$35.41	\$12,747.60	-41%
42	340.9	4" Concrete, Quad City Std. Dtl. 230Q	1,141	SF	\$12.00	\$13,692.00	\$12.00	\$13,692.00	0%	\$9.36	\$10,679.76	-22%
43	345.1	Adjust Existing Water Valve Box and Cover, Quad City Std. Dtl. 391Q	3	EA	\$1,000.00	\$3,000.00	\$505.00	\$1,515.00	-50%	\$556.50	\$1,669.50	-44%
44	402.1	4" Solid Double Yellow Stripe (paint), Quad City Std. Dtl. 106P-1	3,510	LF	\$1.00	\$3,510.00	\$0.40	\$1,404.00	-60%	\$0.32	\$1,123.20	-68%
45	402.2	6" Solid White Stripe (paint), Quad City Std. Dtl. 106P-1	806	LF	\$2.00	\$1,612.00	\$0.30	\$241.80	-85%	\$0.24	\$193.44	-88%
46	402.3	6" Broken White Stripe (paint), Quad City Std. Dtl. 106P-1	522	LF	\$5.00	\$2,610.00	\$0.30	\$156.60	-94%	\$0.24	\$125.28	-95%

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47	402.4	12" Solid White Stripe (paint), Quad City Std. Dtl. 106P-1	187	LF	\$2.50	\$467.50	\$1.00	\$187.00	-60%	\$0.70	\$130.90	-72%
48	402.5	18" Solid White Thermoplastic Stop Bar, Quad City Std. Dtl. 632Q and 106P-1	26	LF	\$10.00	\$260.00	\$4.75	\$123.50	-53%	\$4.12	\$107.12	-59%
49	402.6	Obliterate Existing Markings	108	LF	\$20.00	\$2,160.00	\$3.00	\$324.00	-85%	\$2.56	\$276.48	-87%
50	402.7	Temporary 4" Solid White Stripe (paint), Quad City Std. Dtl. 106P-1	782	LF	\$1.00	\$782.00	\$0.20	\$156.40	-80%	\$0.16	\$125.12	-84%
51	402.8	Temporary 4" Solid Yellow Stripe (paint), Quad City Std. Dtl. 106P-1	742	LF	\$1.00	\$742.00	\$0.20	\$148.40	-80%	\$0.16	\$118.72	-84%
52	403.1 SP	Aluminum Sign Panel (Diamond Grade), Quad City Std. Dtl. 106-P and 131Q	50	SF	\$45.00	\$2,250.00	\$14.00	\$700.00	-69%	\$26.48	\$1,324.00	-41%
53	403.2 SP	Sign Post, Quad City Std. Dtl. 131Q	8	EA	\$200.00	\$1,600.00	\$240.00	\$1,920.00	20%	\$145.65	\$1,165.20	-27%
54	403.3 SP	Sign Post Foundation, Quad City Std. Dtl. 131Q	8	EA	\$400.00	\$3,200.00	\$160.00	\$1,280.00	-60%	\$463.43	\$3,707.44	16%
55	403.4 SP	Sign Post Slip Base, Quad City Std. Dtl. 131Q	8	EA	\$300.00	\$2,400.00	\$67.00	\$536.00	-78%	\$119.17	\$953.36	-60%
56	403.5 SP	Flexible Tubular Marker, White	25	EA	\$250.00	\$6,250.00	\$110.00	\$2,750.00	-56%	\$156.27	\$3,906.75	-37%
57	403.6 SP	Type 3 Barricade with Sign	2	EA	\$650.00	\$1,300.00	\$400.00	\$800.00	-38%	\$563.03	\$1,126.06	-13%
58	430.1 SP	Hydroseeding	0.4	AC	\$5,000.00	\$2,000.00	\$8,000.00	\$3,200.00	60%	\$0.00	\$0.00	-100%
59	505.1 SP	Temporary 10' K-Rail Barrier	25	EA	\$1,500.00	\$37,500.00	\$400.00	\$10,000.00	-73%	\$762.68	\$19,067.00	-49%
60	505.2 SP	Top of Wall Concrete Lined Swale	380	SF	\$18.00	\$6,840.00	\$23.00	\$8,740.00	28%	\$19.00	\$7,220.00	6%
61	515.1 SP	Chain Link Double Swing Gate	1	LS	\$15,000.00	\$15,000.00	\$20,200.00	\$20,200.00	35%	\$17,408.94	\$17,408.94	16%
62	515.2 SP	12' Save-ty Yellow Rotating Driveway Gate	2	EA	\$4,200.00	\$8,400.00	\$4,400.00	\$8,800.00	5%	\$3,815.69	\$7,631.38	-9%
63	515.3 SP	Block Retaining Wall	570	SF	\$225.00	\$128,250.00	\$86.00	\$49,020.00	-62%	\$93.36	\$53,215.20	-59%
64	515.4	Fire Hydrant Protection Pole	4	EA	\$600.00	\$2,400.00	\$665.00	\$2,660.00	11%	\$1,013.22	\$4,052.88	69%
65	618.1	12" HDPE Storm Pipe	70	LF	\$250.00	\$17,500.00	\$140.00	\$9,800.00	-44%	\$86.12	\$6,028.40	-66%
66	618.2	18" HDPE Storm Pipe	66	LF	\$300.00	\$19,800.00	\$165.00	\$10,890.00	-45%	\$94.99	\$6,269.34	-68%
<i>Roadway Improvements Subtotal</i>					<i>\$809,392.50</i>		<i>\$670,045.50</i>		<i>-17%</i>	<i>\$876,596.85</i>		<i>8%</i>
Water Improvements												
67	601.8.1 SP	Trench Stabilization (Provisionary Item - May Not Be Used)	55	CY	\$80.00	\$4,400.00	\$80.00	\$4,400.00	0%	\$103.62	\$5,699.10	30%
68	610.1 SP	6" Fully Restrained Class 350 DIP Waterline, Slurry Backfill	162	LF	\$145.00	\$23,490.00	\$250.00	\$40,500.00	72%	\$247.24	\$40,052.88	71%
69	610.2 SP	Fire Hydrant Assembly	2	EA	\$12,500.00	\$25,000.00	\$9,230.00	\$18,460.00	-26%	\$14,852.87	\$29,705.74	19%

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70	610.3 SP	Connect to Existing System	2	EA	\$3,500.00	\$7,000.00	\$1,570.00	\$3,140.00	-55%	\$1,266.52	\$2,533.04	-64%
71	610.4 SP	6" Tapping Sleeve and Valve, Quad City Std. Dtl. 340Q-1	1	EA	\$5,500.00	\$5,500.00	\$7,300.00	\$7,300.00	33%	\$3,512.00	\$3,512.00	-36%
72	610.5 SP	Meter Box and Cover, Traffic Rated, MAG Std. Dtl. 319	1	EA	\$1,800.00	\$1,800.00	\$1,300.00	\$1,300.00	-28%	\$1,439.00	\$1,439.00	-20%
73	610.16.8 SP	Extra Protection, COP Std. Dtls. 404P-1 and 404P-2	1	EA	\$1,000.00	\$1,000.00	\$7,950.00	\$7,950.00	695%	\$3,397.00	\$3,397.00	240%
74	630.1 SP	6" Gate Valve, Box and Cover, Quad City Std. Dtl. 391Q	2	EA	\$4,000.00	\$8,000.00	\$2,230.00	\$4,460.00	-44%	\$2,820.89	\$5,641.78	-29%
<i>Water Improvements Subtotal</i>					\$76,190.00		\$87,510.00		15%	\$91,980.54		21%
Sewer Improvements												
75	615.1 SP	8" SDR 26 PVC Sewer Main, Slurry Backfill	89	LF	\$200.00	\$17,800.00	\$280.00	\$24,920.00	40%	\$367.29	\$32,688.81	84%
<i>Sewer Improvements Subtotal</i>					\$17,800.00		\$24,920.00		40%	\$32,688.81		84%
Electrical Improvements												
76	406.1 SP	No. 5 Pull Box	5	EA	\$900.00	\$4,500.00	\$1,600.00	\$8,000.00	78%	\$289.00	\$1,445.00	-68%
77	406.2 SP	Pull Box - Traffic Rated	1	EA	\$1,500.00	\$1,500.00	\$3,020.00	\$3,020.00	101%	\$2,297.00	\$2,297.00	53%
78	406.3 SP	100A Subpanel	1	EA	\$500.00	\$500.00	\$4,840.00	\$4,840.00	868%	\$8,990.00	\$8,990.00	1698%
79	406.4 SP	12"x12"x6" Metal Junction Box	12	EA	\$250.00	\$3,000.00	\$615.00	\$7,380.00	146%	\$793.30	\$9,519.60	217%
80	406.5 SP	25' Light Pole	3	EA	\$5,000.00	\$15,000.00	\$9,900.00	\$29,700.00	98%	\$7,665.92	\$22,997.76	53%
81	406.6 SP	D-Series Size 1 LED Area Luminaire	3	EA	\$6,000.00	\$18,000.00	\$2,700.00	\$8,100.00	-55%	\$1,139.87	\$3,419.61	-81%
82	406.7 SP	#12 AWG Conductors	650	LF	\$1.15	\$747.50	\$2.00	\$1,300.00	74%	\$3.95	\$2,567.50	243%
83	406.8 SP	#12 AWG Ground	325	LF	\$1.15	\$373.75	\$2.00	\$650.00	74%	\$5.11	\$1,660.75	344%
84	406.9 SP	#3/0 AWG Conductors	1,260	LF	\$5.00	\$6,300.00	\$8.20	\$10,332.00	64%	\$14.30	\$18,018.00	186%
85	406.10 SP	#4 AWG Ground	420	LF	\$1.80	\$756.00	\$3.25	\$1,365.00	81%	\$7.02	\$2,948.40	290%
86	406.11 SP	2" Schedule-40 PVC Conduit	650	LF	\$3.00	\$1,950.00	\$20.00	\$13,000.00	567%	\$32.95	\$21,417.50	998%
87	406.12 SP	2x4 LED Flat Panel	1	EA	\$100.00	\$100.00	\$2,200.00	\$2,200.00	2100%	\$373.05	\$373.05	273%
88	406.13 SP	2x4 LED Flat Panel with 90-Minute Emergency Battery Backup	1	EA	\$150.00	\$150.00	\$2,350.00	\$2,350.00	1467%	\$647.08	\$647.08	331%
89	406.14 SP	Architectural Wall Luminaire with Photocell Control	2	EA	\$150.00	\$300.00	\$2,200.00	\$4,400.00	1367%	\$725.37	\$1,450.74	384%
90	406.15 SP	Architectural Wall Luminaire with 90-Minute Emergency Battery Backup and Photo Cell Control	1	EA	\$200.00	\$200.00	\$2,400.00	\$2,400.00	1100%	\$876.20	\$876.20	338%
91	406.16 SP	48 Stand SMFO	406	LF	\$12.00	\$4,872.00	\$9.00	\$3,654.00	-25%	\$24.75	\$10,048.50	106%

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92	406.17 SP	CAT 6	812	LF	\$3.00	\$2,436.00	\$2.20	\$1,786.40	-27%	\$3.93	\$3,191.16	31%
93	406.18 SP	3" Schedule-40 PVC Conduit	404	LF	\$24.00	\$9,696.00	\$27.00	\$10,908.00	13%	\$35.34	\$14,277.36	47%
<i>Electrical Improvements Subtotal</i>					\$70,381.25		\$115,385.40		64%	\$126,145.21		79%
Structural Improvements												
94	206.1 SP	Over Excavation for Fee Booth and Scale Pits	1,065	CY	\$85.00	\$90,525.00	\$9.00	\$9,585.00	-89%	\$32.69	\$34,814.85	-62%
95	505.3 SP	Slab-on-Grade Concrete and Reinforcement	200	SF	\$45.00	\$9,000.00	\$28.00	\$5,600.00	-38%	\$69.95	\$13,990.00	55%
96	505.4 SP	Fee Booth, Foundation Concrete and Reinforcement	1	LS	\$20,000.00	\$20,000.00	\$10,400.00	\$10,400.00	-48%	\$15,313.00	\$15,313.00	-23%
97	505.5 SP	Scale, Foundation Concrete and Reinforcement	1	LS	\$35,000.00	\$35,000.00	\$130,000.00	\$130,000.00	271%	\$132,409.00	\$132,409.00	278%
98	515.5 SP	Fee Booth, Structural Elements	1	LS	\$60,000.00	\$60,000.00	\$18,800.00	\$18,800.00	-69%	\$44,121.00	\$44,121.00	-26%
99	516.1 SP	Scale - B Tek Steel Deck Centurion Truck Scale or Equal	2	EA	\$150,000.00	\$300,000.00	\$135,000.00	\$270,000.00	-10%	\$116,595.00	\$233,190.00	-22%
<i>Structural Improvements Subtotal</i>					\$514,525.00		\$444,385.00		-14%	\$473,837.85		-8%
Mechanical Improvements												
100		HVAC System	1	LS	\$28,000.00	\$28,000.00	\$16,500.00	\$16,500.00	-41%	\$11,226.00	\$11,226.00	-60%
<i>Mechanical Improvements Subtotal</i>					\$28,000.00		\$16,500.00		-41%	\$11,226.00		-60%
Architectural Improvements												
101		Fee Booth	1	LS	\$80,000.00	\$80,000.00	\$175,000.00	\$175,000.00	119%	\$133,878.00	\$133,878.00	67%
<i>Architectural Improvements Subtotal</i>					\$80,000.00		\$175,000.00		119%	\$133,878.00		67%
ENGINEERS ESTIMATE / TOTAL BASE BIDS					\$2,467,257.75		\$2,338,441.90		-5%	\$2,508,173.27		2%