

**Bid 19-150 - Salt Lick River Road - Arrowhead Industrial Blvd. Intersection Improvement Project**

**Bid Opening: November 8, 2019 at 2:00 PM**

All Bids are subject to correction after bids have been completely reviews

<b>Bid/Quotation Tabulation</b> Purchasing Department	 City of St. Peters Missouri	P.O. Box 9 • One St. Peters Centre Blvd. St. Peters, MO • 63376 www.stpetersmo.net • email: bids@stpetersmo.net phone: 636.477.6600 • fax: 636.939.4411
		(Empty space for contact information)

<b>Krupp Construction</b>	<b>NB West Contracting Co.</b>	<b>R.V. Wagner, Inc.</b>
415 Old State Road	2780 Mary	4712 Green Park Rd.
Ellisville, MO 63021	Brentwood, MO 63144	St. Louis, Mo. 63123
636-391-8844	314-962-3145	314-892-1600
<a href="mailto:markreizer@kruppmo.com">markreizer@kruppmo.com</a>	<a href="mailto:rflotron@yahoo.com">rflotron@yahoo.com</a>	

Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
1	CLEARING AND GRUBBING	1	LS	\$3,776.00	\$3,776.00	\$5,100.00	\$5,100.00	\$7,000.00	\$7,000.00
2	REMOVAL OF IMPROVEMENTS	1	LS	\$47,980.00	\$47,980.00	\$95,376.00	\$95,376.00	\$35,000.00	\$35,000.00
3	UNCLASSIFIED EXCAVATION	6,158	CY	\$18.00	\$110,844.00	\$18.00	\$110,844.00	\$18.00	\$110,844.00
4	EMBANKMENT IN PLACE	1,519	CY	\$5.00	\$7,595.00	\$3.00	\$4,557.00	\$10.00	\$15,190.00
5	TYPE 5 AGGREGATE BASE (4" THICK)	5,780	SY	\$6.05	\$34,969.00	\$6.00	\$34,680.00	\$6.50	\$37,570.00
6	CONCRETE PAVEMENT (8" NON-REINFORCED)	5,367.50	SY	\$51.55	\$276,694.63	\$52.00	\$279,110.00	\$50.00	\$268,375.00
7	STEEL RIGHT OF WAY MARKER	35	EA	\$90.00	\$3,150.00	\$85.00	\$2,975.00	\$50.00	\$1,750.00
8	ADJUST WATER SERVICE VALVE TO GRADE	4	EA	\$383.00	\$1,532.00	\$300.00	\$1,200.00	\$460.00	\$1,840.00
9	ADJUST HYDRANT TO GRADE	2	EA	\$978.00	\$1,956.00	\$1,500.00	\$3,000.00	\$1,200.00	\$2,400.00
10	ADJUST WATER SERVICE VALVE AND BOX TO	1	EA	\$1,755.00	\$1,755.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
11	ADJUST TELEPHONE PULL BOX TO GRADE	2	EA	\$1,000.00	\$2,000.00	\$0.01	\$0.02	\$572.00	\$1,144.00
12	TELEPHONE PULL BOX TO BE RELOCATED	1	EA	\$2,200.00	\$2,200.00	\$0.01	\$0.01	\$286.00	\$286.00
13	ADJUSTING MANHOLE	1	EA	\$920.00	\$920.00	\$900.00	\$900.00	\$675.00	\$675.00
14	ADJUSTING BASIN OR INLET	2	EA	\$800.00	\$1,600.00	\$650.00	\$1,300.00	\$540.00	\$1,080.00
15	PIPE COLLAR TYPE "A"	5	EA	\$300.00	\$1,500.00	\$200.00	\$1,000.00	\$980.00	\$4,900.00
16	GUARDRAIL, TYPE A, BLACK	50	LF	\$50.00	\$2,500.00	\$50.00	\$2,500.00	\$75.00	\$3,750.00
17	TYPE A CRASHWORTHY END TERMINAL, BLACK	1	EA	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00	\$3,800.00	\$3,800.00
18	CONCRETE MEDIAN	684.1	SY	\$58.00	\$39,677.80	\$46.00	\$31,468.60	\$81.00	\$55,412.10
19	INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE A	487	LF	\$13.90	\$6,769.30	\$14.00	\$6,818.00	\$14.00	\$6,818.00
20	MOBILIZATION	1	LS	\$100,600.00	\$100,600.00	\$90,501.00	\$90,501.00	\$48,000.00	\$48,000.00
21	PORTLAND CEMENT CONCRETE SHOULDER RUMBLE STRIP	23.7	STA	\$325.00	\$7,702.50	\$600.00	\$14,220.00	\$300.00	\$7,110.00
22	CONTRACTOR FURNISHED SURVEYING AND STAKING	1	LS	\$1,500.00	\$1,500.00	\$4,500.00	\$4,500.00	\$18,000.00	\$18,000.00
23	18 IN. CLASS III REINFORCED CONCRETE PIPE CULVERT (GASKET TYPE)	238	LF	\$69.65	\$16,576.70	\$60.00	\$14,280.00	\$75.00	\$17,850.00
24	24 IN. CLASS III REINFORCED CONCRETE PIPE CULVERT (GASKET TYPE)	41	LF	\$143.40	\$5,879.40	\$130.00	\$5,330.00	\$105.00	\$4,305.00
25	36 IN. CLASS III REINFORCED CONCRETE PIPE CULVERT (GASKET TYPE)	28	LF	\$150.00	\$4,200.00	\$230.00	\$6,440.00	\$160.00	\$4,480.00
26	PRECAST AREA INLET, SINGLE, OPEN 1 SIDE, UNTRAPPED	1	EA	\$2,575.00	\$2,575.00	\$2,500.00	\$2,500.00	\$3,300.00	\$3,300.00
27	PRECAST MANHOLE W/LID	2	EA	\$2,400.00	\$4,800.00	\$2,400.00	\$4,800.00	\$2,500.00	\$5,000.00
28	18 IN. FLARED END SECTION	1	EA	\$700.00	\$700.00	\$700.00	\$700.00	\$900.00	\$900.00
29	24 IN. FLARED END SECTION	3	EA	\$850.00	\$2,550.00	\$2,000.00	\$6,000.00	\$1,400.00	\$4,200.00
30	36 IN. FLARED END SECTION	2	EA	\$1,640.00	\$3,280.00	\$2,800.00	\$5,600.00	\$2,000.00	\$4,000.00
<b>Subtotal Items 1-30</b>				<b>\$702,282.33</b>		<b>\$742,199.63</b>		<b>\$676,979.10</b>	
31	CONSTRUCTION SIGNS	393	SF	\$6.50	\$2,554.50	\$10.00	\$3,930.00	\$7.00	\$2,751.00
32	ADVANCED WARNING RAIL SYSTEM	30	EA	\$35.00	\$1,050.00	\$25.00	\$750.00	\$40.00	\$1,200.00
33	FLAG ASSEMBLY	30	EA	\$20.00	\$600.00	\$15.00	\$450.00	\$22.00	\$660.00
34	CHANNELIZER (TRIM LINE)	150	EA	\$20.00	\$3,000.00	\$10.00	\$1,500.00	\$22.00	\$3,300.00
35	DIRECTIONAL INDICATOR BARRICADE	30	EA	\$65.00	\$1,950.00	\$25.00	\$750.00	\$70.00	\$2,100.00
36	FLASHING ARROW PANEL	2	EA	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00	\$1,100.00	\$2,200.00
37	CHANGEABLE MESSAGE SIGN, CONTRACTOR FURNISHED, CONTRACTOR RETAINED	3	EA	\$3,500.00	\$10,500.00	\$1,000.00	\$3,000.00	\$4,000.00	\$12,000.00
38	PAVEMENT EDGE TREATMENT	3,555	LF	\$1.75	\$6,221.25	\$5.00	\$17,775.00	\$2.00	\$7,110.00
<b>Subtotal Items 31-38</b>				<b>\$27,875.75</b>		<b>\$29,155.00</b>		<b>\$31,321.00</b>	
39	TYPE 2 PREFORMED MARKING TAPE (GROOVED), 24 IN. WHITE	100	LF	\$25.00	\$2,500.00	\$25.00	\$2,500.00	\$28.00	\$2,800.00
40	TYPE 2 PREFORMED MARKING TAPE (GROOVED), LEFT/RIGHT ARROW	10	EA	\$350.00	\$3,500.00	\$350.00	\$3,500.00	\$400.00	\$4,000.00
41	TYPE 2 PREFORMED MARKING TAPE (GROOVED), 24 IN. WHITE, YIELD LINE TRIANGLES	10	EA	\$45.00	\$450.00	\$45.00	\$450.00	\$50.00	\$500.00
42	PREFORMED SHORT TERM MARKING TAPE LEFT/RIGHT ARROW	2	EA	\$100.00	\$200.00	\$100.00	\$200.00	\$110.00	\$220.00
43	PAVEMENT MARKING REMOVAL	7,880	LF	\$0.65	\$5,122.00	\$0.50	\$3,940.00	\$0.75	\$5,910.00
44	PAVEMENT MARKING REMOVAL (SYMBOLS)	3	EA	\$100.00	\$300.00	\$100.00	\$300.00	\$110.00	\$330.00
45	TEMPORARY PAVEMENT MARKING	1,970	LF	\$1.50	\$2,955.00	\$1.50	\$2,955.00	\$1.70	\$3,349.00
46	TYPE 2 TAPE (GROOVED) PAVEMENT MARKING, LANE REDUCTION ARROW	2	EA	\$1,200.00	\$2,400.00	\$1,200.00	\$2,400.00	\$1,400.00	\$2,800.00
47	WET REFLECTIVE HIGH BUILD ACRYLIC WATERBORNE PAVEMENT MARKING, 6 IN. WHITE	7,880	LF	\$0.65	\$5,122.00	\$0.65	\$5,122.00	\$0.75	\$5,910.00
48	WET REFLECTIVE HIGH BUILD ACRYLIC WATERBORNE PAVEMENT MARKING, 6 IN. YELLOW	2,010	LF	\$0.65	\$1,306.50	\$0.65	\$1,306.50	\$0.75	\$1,507.50
49	WET REFLECTIVE HIGH BUILD ACRYLIC WATERBORNE PAVEMENT MARKING, 12 IN. WHITE	160	LF	\$1.30	\$208.00	\$1.30	\$208.00	\$1.50	\$240.00
50	CONCRETE FOOTING, EMBEDDED	2.2	CY	\$1,500.00	\$3,300.00	\$1,500.00	\$3,300.00	\$1,500.00	\$3,300.00

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Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
51	BREAKAWAY ASSEMBLY (PERFORATED SQUARE STEEL TUBE)	8	EA	\$90.00	\$720.00	\$90.00	\$720.00	\$350.00	\$2,800.00
52	PERFORATED SQUARE STEEL TUBE POST, 2 IN., 12 GA.	205	LF	\$15.00	\$3,075.00	\$15.00	\$3,075.00	\$11.00	\$2,255.00
53	PERFORATED SQUARE STEEL TUBE POST, 2.5 IN., 12 GA.	95	LF	\$17.00	\$1,615.00	\$17.00	\$1,615.00	\$12.50	\$1,187.50
54	PERFORATED SQUARE STEEL TUBE POST ANCHOR, 7 GA.	72	LF	\$40.00	\$2,880.00	\$40.00	\$2,880.00	\$52.00	\$3,744.00
55	TYPE SHR2L-1 SIGN	169	SF	\$29.00	\$4,901.00	\$29.00	\$4,901.00	\$25.00	\$4,225.00
56	SIGNAL SIGN, TYPE SHR2L-1	30	SF	\$90.00	\$2,700.00	\$28.85	\$865.50	\$25.00	\$750.00
57	TRAFFIC SIGNAL POST, TYPE C, 30 FT. ARM, BLACK	1	EA	\$8,376.00	\$8,376.00	\$8,329.00	\$8,329.00	\$9,600.00	\$9,600.00
58	CONCRETE FOOTING, BOLT DOWN, TYPE A-9.5	3.1	CY	\$1,166.00	\$3,614.60	\$1,171.00	\$3,630.10	\$1,300.00	\$4,030.00
<b>Subtotal Items 39-58</b>				<b>\$55,245.10</b>		<b>\$52,197.10</b>		<b>\$59,458.00</b>	
59	LIGHTING POLE, 45 FT. TYPE AT, DESIGN NO. 4, BLACK	6	EA	\$2,932.00	\$17,592.00	\$2,882.00	\$17,292.00	\$3,350.00	\$20,100.00
60	BRACKET ARM, 15 FT., BLACK	6	EA	\$519.00	\$3,114.00	\$564.00	\$3,384.00	\$600.00	\$3,600.00
61	CONDUIT, 2 IN. RIGID, IN TRENCH	2,463	LF	\$5.00	\$12,315.00	\$10.00	\$24,630.00	\$5.75	\$14,162.25
62	CONDUIT, 4 IN. RIGID, IN TRENCH	40	LF	\$12.00	\$480.00	\$8.30	\$332.00	\$13.00	\$520.00
63	CONDUIT, 3 IN. RIGID, PUSHED	172	LF	\$29.00	\$4,988.00	\$19.40	\$3,336.80	\$33.00	\$5,676.00
64	CONDUIT, 4 IN. RIGID, PUSHED	298	LF	\$31.00	\$9,238.00	\$20.80	\$6,198.40	\$35.00	\$10,430.00
65	TRENCHING TYPE I	2,503	LF	\$3.00	\$7,509.00	\$0.01	\$25.03	\$3.40	\$8,510.20
66	PULL BOX, PREFORMED CLASS 1	7	EA	\$1,198.00	\$8,386.00	\$892.00	\$6,244.00	\$1,400.00	\$9,800.00
67	PULL BOX, PREFORMED CLASS 2	8	EA	\$1,308.00	\$10,464.00	\$1,152.00	\$9,216.00	\$1,500.00	\$12,000.00
68	CABLE, 2 AWG, 1 CONDUCTOR	3,910	LF	\$1.75	\$6,842.50	\$2.16	\$8,445.60	\$2.00	\$7,820.00
69	CABLE, 8 AWG, 1 CONDUCTOR	5,790	LF	\$0.75	\$4,342.50	\$1.17	\$6,774.30	\$0.90	\$5,211.00
70	CABLE, 10 AWG, 1 CONDUCTOR, POLE AND BRACKET	1,080	LF	\$0.40	\$432.00	\$0.83	\$896.40	\$0.50	\$540.00
71	POLE FOUNDATION, 45 FT.	6	EA	\$1,336.00	\$8,016.00	\$1,229.00	\$7,374.00	\$1,600.00	\$9,600.00
72	LED LUMINAIRE, 250 WATT/120-277 VOLT	6	EA	\$620.00	\$3,720.00	\$705.00	\$4,230.00	\$700.00	\$4,200.00
73	120/240 V COMBINATION BASE MOUNTED POWER SUPPLY & LIGHTING CONTROL STATION w/UNINTERRUPTIBLE POWER SUPPLY	1	EA	\$14,000.00	\$14,000.00	\$11,281.00	\$11,281.00	\$16,000.00	\$16,000.00
74	SIGNAL HEAD, TYPE 3S	1	EA	\$728.00	\$728.00	\$820.00	\$820.00	\$830.00	\$830.00
75	SIGNAL HEAD, TYPE 4S	1	EA	\$836.00	\$836.00	\$967.00	\$967.00	\$950.00	\$950.00
76	SIGNAL HEAD, TYPE 3B	3	EA	\$926.00	\$2,778.00	\$1,003.00	\$3,009.00	\$1,050.00	\$3,150.00
77	SIGNAL HEAD, TYPE 4B	1	EA	\$1,052.00	\$1,052.00	\$1,167.00	\$1,167.00	\$1,200.00	\$1,200.00
78	SIGNAL HEAD, OPTICALLY LIMITED, TYPE 1S	1	EA	\$2,254.00	\$2,254.00	\$2,116.00	\$2,116.00	\$2,600.00	\$2,600.00
79	SIGNAL HEAD, OPTICALLY LIMITED, TYPE 1B	1	EA	\$2,254.00	\$2,254.00	\$2,116.00	\$2,116.00	\$2,600.00	\$2,600.00
80	SIGNAL HEAD, OPTICALLY LIMITED, TYPE 3B	2	EA	\$3,980.00	\$7,960.00	\$3,875.00	\$7,750.00	\$4,550.00	\$9,100.00
81	POST, SIGNAL 15 FT., BLACK	1	EA	\$1,340.00	\$1,340.00	\$1,289.00	\$1,289.00	\$1,500.00	\$1,500.00
82	POST, TYPE CL, 20 FT. ARM, BLACK	1	EA	\$7,787.00	\$7,787.00	\$8,166.00	\$8,166.00	\$9,000.00	\$9,000.00
83	POST, TYPE CL, 30 FT. ARM, BLACK	1	EA	\$9,335.00	\$9,335.00	\$9,598.00	\$9,598.00	\$11,000.00	\$11,000.00
84	POST, TYPE CL, 55 FT. ARM, BLACK	1	EA	\$14,147.00	\$14,147.00	\$14,432.00	\$14,432.00	\$16,000.00	\$16,000.00
85	CONTROLLER ASSEMBLY HOUSING, NEMA TS2 CONTROLLER	1	EA	\$18,360.00	\$18,360.00	\$21,890.00	\$21,890.00	\$21,000.00	\$21,000.00
86	DIAL-UP MODEM	1	EA	\$642.00	\$642.00	\$1,020.00	\$1,020.00	\$730.00	\$730.00
87	AUTOSCOPE VISION VIDEO DETECTION SYSTEM	1	EA	\$32,890.00	\$32,890.00	\$30,853.00	\$30,853.00	\$37,000.00	\$37,000.00
88	CONDUIT, 2 IN., TRENCH	22	LF	\$10.00	\$220.00	\$10.00	\$220.00	\$11.00	\$242.00
89	CONDUIT, 3 IN., TRENCH	137	LF	\$12.00	\$1,644.00	\$11.00	\$1,507.00	\$13.00	\$1,781.00
90	CONDUIT, 3 IN., PUSHED	226	LF	\$29.00	\$6,554.00	\$20.00	\$4,520.00	\$33.00	\$7,458.00
91	CABLE, 8 AWG, 1 CONDUCTOR, POWER	2,150	LF	\$1.00	\$2,150.00	\$1.17	\$2,515.50	\$1.00	\$2,150.00
92	CABLE, 16 AWG, 7 CONDUCTOR	2,440	LF	\$1.75	\$4,270.00	\$1.72	\$4,196.80	\$2.00	\$4,880.00
93	PULL BOX, PREFORMED CLASS 2	4	EA	\$1,210.00	\$4,840.00	\$1,152.00	\$4,608.00	\$1,400.00	\$5,600.00
94	PULL BOX, PREFORMED CLASS 3	1	EA	\$1,546.00	\$1,546.00	\$1,593.00	\$1,593.00	\$1,800.00	\$1,800.00
95	BASE CONCRETE	11.5	CY	\$1,166.00	\$13,409.00	\$1,387.00	\$15,950.50	\$1,400.00	\$16,100.00
96	LED LUMINAIRE, 250 WATT/120-277 VOLT	3	EA	\$620.00	\$1,860.00	\$705.00	\$2,115.00	\$700.00	\$2,100.00
97	ILLUMINATED STREET NAME SIGN	3	EA	\$3,390.00	\$10,170.00	\$3,536.00	\$10,608.00	\$3,900.00	\$11,700.00
98	CABLE, 14 AWG, 2 CONDUCTOR, POWER	630	LF	\$2.00	\$1,260.00	\$1.10	\$693.00	\$2.30	\$1,449.00
<b>Subtotal Items 59-98</b>				<b>\$261,725.00</b>		<b>\$263,379.33</b>		<b>\$300,089.45</b>	
99	LIGHT STONE REVETMENT	128	SY	\$31.40	\$4,019.20	\$50.00	\$6,400.00	\$51.00	\$6,528.00
100	GEOTEXTILE UNDERLAYMENT	128	SY	\$3.75	\$480.00	\$5.00	\$640.00	\$3.00	\$384.00
101	TERRASEEDING	2.2	AC	\$11,140.00	\$24,508.00	\$12,000.00	\$26,400.00	\$13,000.00	\$28,600.00
102	ROCK DITCH CHECK	44	EA	\$165.00	\$7,260.00	\$50.00	\$2,200.00	\$180.00	\$7,920.00
103	CURB INLET CHECK	3	EA	\$100.00	\$300.00	\$25.00	\$75.00	\$114.00	\$342.00
104	SEDIMENT REMOVAL	84	CY	\$1.00	\$84.00	\$1.00	\$84.00	\$23.00	\$1,932.00
105	SILT FENCE	3,999	LF	\$2.65	\$10,597.35	\$0.01	\$39.99	\$3.30	\$13,196.70
106	TYPE 1 EROSION CONTROL BLANKET	3,731	SY	\$1.95	\$7,275.45	\$2.25	\$8,394.75	\$2.20	\$8,208.20
107	AREA INLET CHECK	2	EA	\$165.00	\$330.00	\$25.00	\$50.00	\$190.00	\$380.00
108	FLARED END SECTION CHECK	17	EA	\$150.00	\$2,550.00	\$25.00	\$425.00	\$163.00	\$2,771.00
109	CONCRETE WASHOUT	1	EA	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$1,700.00	\$1,700.00
<b>Subtotal Items 99-109</b>				<b>\$59,404.00</b>		<b>\$45,708.74</b>		<b>\$71,961.90</b>	
<b>Grand Total 1-109</b>				<b>\$1,106,532.18</b>		<b>\$1,132,639.80</b>		<b>\$1,139,809.45</b>	

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Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
1	CLEARING AND GRUBBING	1	LS	\$2,291.65	\$2,291.65	\$6,503.00	\$6,503.00	\$15,100.00	\$15,100.00
2	REMOVAL OF IMPROVEMENTS	1	LS	\$55,000.00	\$55,000.00	\$60,000.00	\$60,000.00	\$74,300.00	\$74,300.00
3	UNCLASSIFIED EXCAVATION	6,158	CY	\$21.25	\$130,857.50	\$21.00	\$129,318.00	\$19.00	\$117,002.00
4	EMBANKMENT IN PLACE	1,519	CY	\$7.25	\$11,012.75	\$10.00	\$15,190.00	\$5.25	\$7,974.75
5	TYPE 5 AGGREGATE BASE (4" THICK)	5,780	SY	\$7.00	\$40,460.00	\$4.60	\$26,588.00	\$5.75	\$33,235.00
6	CONCRETE PAVEMENT (8" NON-REINFORCED)	5,367.50	SY	\$54.00	\$289,845.00	\$60.00	\$322,050.00	\$53.50	\$287,161.25
7	STEEL RIGHT OF WAY MARKER	35	EA	\$76.00	\$2,660.00	\$94.50	\$3,307.50	\$144.00	\$5,040.00
8	ADJUST WATER SERVICE VALVE TO GRADE	4	EA	\$850.00	\$3,400.00	\$875.00	\$3,500.00	\$432.00	\$1,728.00
9	ADJUST HYDRANT TO GRADE	2	EA	\$6,750.00	\$13,500.00	\$4,300.00	\$8,600.00	\$1,100.00	\$2,200.00
10	ADJUST WATER SERVICE VALVE AND BOX TO GRADE	1	EA	\$5,230.00	\$5,230.00	\$994.00	\$994.00	\$1,980.00	\$1,980.00
11	ADJUST TELEPHONE PULL BOX TO GRADE	2	EA	\$600.00	\$1,200.00	\$994.00	\$1,988.00	\$564.00	\$1,128.00
12	TELEPHONE PULL BOX TO BE RELOCATED	1	EA	\$600.00	\$600.00	\$1,987.00	\$1,987.00	\$1,130.00	\$1,130.00
13	ADJUSTING MANHOLE	1	EA	\$450.00	\$450.00	\$1,009.00	\$1,009.00	\$503.00	\$503.00
14	ADJUSTING BASIN OR INLET	2	EA	\$450.00	\$900.00	\$1,022.00	\$2,044.00	\$1,700.00	\$3,400.00
15	PIPE COLLAR TYPE "A"	5	EA	\$1,250.00	\$6,250.00	\$1,839.00	\$9,195.00	\$1,030.00	\$5,150.00
16	GUARDRAIL, TYPE A, BLACK	50	LF	\$50.00	\$2,500.00	\$52.50	\$2,625.00	\$56.50	\$2,825.00
17	TYPE A CRASHWORTHY END TERMINAL, BLACK	1	EA	\$4,500.00	\$4,500.00	\$4,725.00	\$4,725.00	\$5,080.00	\$5,080.00
18	CONCRETE MEDIAN	684.1	SY	\$67.00	\$45,834.70	\$82.18	\$56,219.34	\$56.00	\$38,309.60
19	INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE A	487	LF	\$6.50	\$3,165.50	\$18.03	\$8,780.61	\$15.50	\$7,548.50
20	MOBILIZATION	1	LS	\$81,144.00	\$81,144.00	\$69,700.00	\$69,700.00	\$136,000.00	\$136,000.00
21	PORTLAND CEMENT CONCRETE SHOULDER RUMBLE STRIP	23.7	STA	\$380.00	\$9,006.00	\$302.50	\$7,169.25	\$310.00	\$7,347.00
22	CONTRACTOR FURNISHED SURVEYING AND STAKING	1	LS	\$16,500.00	\$16,500.00	\$18,040.00	\$18,040.00	\$16,800.00	\$16,800.00
23	18 IN. CLASS III REINFORCED CONCRETE PIPE CULVERT (GASKET TYPE)	238	LF	\$68.00	\$16,184.00	\$68.00	\$16,184.00	\$47.50	\$11,305.00
24	24 IN. CLASS III REINFORCED CONCRETE PIPE CULVERT (GASKET TYPE)	41	LF	\$93.00	\$3,813.00	\$154.00	\$6,314.00	\$93.00	\$3,813.00
25	36 IN. CLASS III REINFORCED CONCRETE PIPE CULVERT (GASKET TYPE)	28	LF	\$145.00	\$4,060.00	\$161.00	\$4,508.00	\$121.00	\$3,388.00
26	PRECAST AREA INLET, SINGLE, OPEN 1 SIDE, UNTRAPPED	1	EA	\$2,850.00	\$2,850.00	\$2,257.00	\$2,257.00	\$2,070.00	\$2,070.00
27	PRECAST MANHOLE W/LID	2	EA	\$3,200.00	\$6,400.00	\$2,339.00	\$4,678.00	\$2,020.00	\$4,040.00
28	18 IN. FLARED END SECTION	1	EA	\$1,040.00	\$1,040.00	\$1,984.00	\$1,984.00	\$867.00	\$867.00
29	24 IN. FLARED END SECTION	3	EA	\$1,160.00	\$3,480.00	\$2,269.00	\$6,807.00	\$979.00	\$2,937.00
30	36 IN. FLARED END SECTION	2	EA	\$1,700.00	\$3,400.00	\$3,042.00	\$6,084.00	\$1,680.00	\$3,360.00
<b>Subtotal Items 1-30</b>				<b>\$767,534.10</b>		<b>\$808,348.70</b>		<b>\$802,722.10</b>	
31	CONSTRUCTION SIGNS	393	SF	\$6.50	\$2,554.50	\$6.83	\$2,684.19	\$7.25	\$2,849.25
32	ADVANCED WARNING RAIL SYSTEM	30	EA	\$35.00	\$1,050.00	\$36.75	\$1,102.50	\$39.50	\$1,185.00
33	FLAG ASSEMBLY	30	EA	\$20.00	\$600.00	\$21.00	\$630.00	\$22.50	\$675.00
34	CHANNELIZER (TRIM LINE)	150	EA	\$20.00	\$3,000.00	\$21.00	\$3,150.00	\$22.50	\$3,375.00
35	DIRECTIONAL INDICATOR BARRICADE	30	EA	\$65.00	\$1,950.00	\$68.25	\$2,047.50	\$73.50	\$2,205.00
36	FLASHING ARROW PANEL	2	EA	\$1,000.00	\$2,000.00	\$1,050.00	\$2,100.00	\$1,130.00	\$2,260.00
37	CHANGEABLE MESSAGE SIGN, CONTRACTOR FURNISHED, CONTRACTOR RETAINED	3	EA	\$3,500.00	\$10,500.00	\$3,675.00	\$11,025.00	\$3,950.00	\$11,850.00
38	PAVEMENT EDGE TREATMENT	3,555	LF	\$1.60	\$5,688.00	\$1.48	\$5,261.40	\$3.25	\$11,553.75
<b>Subtotal Items 31-38</b>				<b>\$27,342.50</b>		<b>\$28,000.59</b>		<b>\$35,953.00</b>	
39	TYPE 2 PREFORMED MARKING TAPE (GROOVED), 24 IN. WHITE	100	LF	\$25.00	\$2,500.00	\$26.25	\$2,625.00	\$28.00	\$2,800.00
40	TYPE 2 PREFORMED MARKING TAPE (GROOVED), LEFT/RIGHT ARROW	10	EA	\$350.00	\$3,500.00	\$367.50	\$3,675.00	\$395.00	\$3,950.00
41	TYPE 2 PREFORMED MARKING TAPE (GROOVED), 24 IN. WHITE, YIELD LINE TRIANGLES	10	EA	\$45.00	\$450.00	\$47.25	\$472.50	\$51.00	\$510.00
42	PREFORMED SHORT TERM MARKING TAPE LEFT/RIGHT ARROW	2	EA	\$100.00	\$200.00	\$105.00	\$210.00	\$113.00	\$226.00
43	PAVEMENT MARKING REMOVAL	7,880	LF	\$0.65	\$5,122.00	\$0.68	\$5,358.40	\$0.75	\$5,910.00
44	PAVEMENT MARKING REMOVAL (SYMBOLS)	3	EA	\$100.00	\$300.00	\$105.00	\$315.00	\$113.00	\$339.00
45	TEMPORARY PAVEMENT MARKING	1,970	LF	\$1.50	\$2,955.00	\$1.58	\$3,112.60	\$1.75	\$3,447.50
46	TYPE 2 TAPE (GROOVED) PAVEMENT MARKING, LANE REDUCTION ARROW	2	EA	\$1,200.00	\$2,400.00	\$1,260.00	\$2,520.00	\$1,350.00	\$2,700.00
47	WET REFLECTIVE HIGH BUILD ACRYLIC WATERBORNE PAVEMENT MARKING, 6 IN. WHITE	7,880	LF	\$0.65	\$5,122.00	\$0.68	\$5,358.40	\$0.75	\$5,910.00
48	WET REFLECTIVE HIGH BUILD ACRYLIC WATERBORNE PAVEMENT MARKING, 6 IN. YELLOW	2,010	LF	\$0.65	\$1,306.50	\$0.68	\$1,366.80	\$0.75	\$1,507.50
49	WET REFLECTIVE HIGH BUILD ACRYLIC WATERBORNE PAVEMENT MARKING, 12 IN. WHITE	160	LF	\$1.30	\$208.00	\$1.37	\$219.20	\$1.50	\$240.00
50	CONCRETE FOOTING, EMBEDDED	2.2	CY	\$1,500.00	\$3,300.00	\$1,575.00	\$3,465.00	\$1,690.00	\$3,718.00



Gershenson Construction Co. Inc.	XL Contracting, Inc.	JM Marschuetz Construction
2 Truitt Drive	20 Mid Rivers Trade Ste 100	15 Truitt Drive
Eureka, MO 63025	St. Peters, MO 63376	Eureka, MO 63025
636-938-9595	636-970-2710	636-938-3600
<a href="mailto:mhibbard@gershenson.com">mhibbard@gershenson.com</a>	<a href="mailto:mstjohn@xlcontracting.com">mstjohn@xlcontracting.com</a>	<a href="mailto:todd@marschuetz.com">todd@marschuetz.com</a>

Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
51	BREAKAWAY ASSEMBLY (PERFORATED SQUARE STEEL TUBE)	8	EA	\$90.00	\$720.00	\$94.50	\$756.00	\$102.00	\$816.00
52	PERFORATED SQUARE STEEL TUBE POST, 2 IN., 12 GA.	205	LF	\$15.00	\$3,075.00	\$15.75	\$3,228.75	\$17.00	\$3,485.00
53	PERFORATED SQUARE STEEL TUBE POST, 2.5 IN., 12 GA.	95	LF	\$17.00	\$1,615.00	\$17.85	\$1,695.75	\$19.00	\$1,805.00
54	PERFORATED SQUARE STEEL TUBE POST ANCHOR, 7 GA.	72	LF	\$40.00	\$2,880.00	\$42.00	\$3,024.00	\$45.00	\$3,240.00
55	TYPE SHR2L-1 SIGN	169	SF	\$29.00	\$4,901.00	\$30.45	\$5,146.05	\$32.50	\$5,492.50
56	SIGNAL SIGN, TYPE SHR2L-1	30	SF	\$30.00	\$900.00	\$23.10	\$693.00	\$34.00	\$1,020.00
57	TRAFFIC SIGNAL POST, TYPE C, 30 FT. ARM, BLACK	1	EA	\$8,376.00	\$8,376.00	\$8,794.80	\$8,794.80	\$9,450.00	\$9,450.00
58	CONCRETE FOOTING, BOLT DOWN, TYPE A-9.5	3.1	CY	\$1,166.00	\$3,614.60	\$1,224.30	\$3,795.33	\$1,320.00	\$4,092.00
<b>Subtotal Items 39-58</b>				<b>\$53,445.10</b>		<b>\$55,831.58</b>		<b>\$60,658.50</b>	
59	LIGHTING POLE, 45 FT. TYPE AT, DESIGN NO. 4, BLACK	6	EA	\$2,932.00	\$17,592.00	\$3,078.60	\$18,471.60	\$3,310.00	\$19,860.00
60	BRACKET ARM, 15 FT., BLACK	6	EA	\$519.00	\$3,114.00	\$544.95	\$3,269.70	\$586.00	\$3,516.00
61	CONDUIT, 2 IN. RIGID, IN TRENCH	2,463	LF	\$5.00	\$12,315.00	\$5.25	\$12,930.75	\$5.75	\$14,162.25
62	CONDUIT, 4 IN. RIGID, IN TRENCH	40	LF	\$12.00	\$480.00	\$12.60	\$504.00	\$13.50	\$540.00
63	CONDUIT, 3 IN. RIGID, PUSHED	172	LF	\$29.00	\$4,988.00	\$30.45	\$5,237.40	\$32.50	\$5,590.00
64	CONDUIT, 4 IN. RIGID, PUSHED	298	LF	\$31.00	\$9,238.00	\$32.55	\$9,699.90	\$35.00	\$10,430.00
65	TRENCHING TYPE I	2,503	LF	\$3.00	\$7,509.00	\$3.15	\$7,884.45	\$3.50	\$8,760.50
66	PULL BOX, PREFORMED CLASS 1	7	EA	\$1,198.00	\$8,386.00	\$1,257.90	\$8,805.30	\$1,350.00	\$9,450.00
67	PULL BOX, PREFORMED CLASS 2	8	EA	\$1,308.00	\$10,464.00	\$1,373.40	\$10,987.20	\$1,480.00	\$11,840.00
68	CABLE, 2 AWG, 1 CONDUCTOR	3,910	LF	\$1.75	\$6,842.50	\$1.84	\$7,194.40	\$2.00	\$7,820.00
69	CABLE, 8 AWG, 1 CONDUCTOR	5,790	LF	\$0.75	\$4,342.50	\$0.79	\$4,574.10	\$0.75	\$4,342.50
70	CABLE, 10 AWG, 1 CONDUCTOR, POLE AND BRACKET	1,080	LF	\$0.40	\$432.00	\$0.42	\$453.60	\$0.50	\$540.00
71	POLE FOUNDATION, 45 FT.	6	EA	\$1,336.00	\$8,016.00	\$1,402.80	\$8,416.80	\$1,510.00	\$9,060.00
72	LED LUMINAIRE, 250 WATT/120-277 VOLT	6	EA	\$620.00	\$3,720.00	\$651.00	\$3,906.00	\$700.00	\$4,200.00
73	120/240 V COMBINATION BASE MOUNTED POWER SUPPLY & LIGHTING CONTROL STATION w/UNINTERRUPTIBLE POWER SUPPLY	1	EA	\$14,000.00	\$14,000.00	\$14,700.00	\$14,700.00	\$15,800.00	\$15,800.00
74	SIGNAL HEAD, TYPE 3S	1	EA	\$728.00	\$728.00	\$764.40	\$764.40	\$821.00	\$821.00
75	SIGNAL HEAD, TYPE 4S	1	EA	\$836.00	\$836.00	\$877.80	\$877.80	\$943.00	\$943.00
76	SIGNAL HEAD, TYPE 3B	3	EA	\$926.00	\$2,778.00	\$972.30	\$2,916.90	\$1,040.00	\$3,120.00
77	SIGNAL HEAD, TYPE 4B	1	EA	\$1,052.00	\$1,052.00	\$1,104.60	\$1,104.60	\$1,190.00	\$1,190.00
78	SIGNAL HEAD, OPTICALLY LIMITED, TYPE 1S	1	EA	\$2,254.00	\$2,254.00	\$2,366.70	\$2,366.70	\$2,540.00	\$2,540.00
79	SIGNAL HEAD, OPTICALLY LIMITED, TYPE 1B	1	EA	\$2,254.00	\$2,254.00	\$2,366.70	\$2,366.70	\$2,540.00	\$2,540.00
80	SIGNAL HEAD, OPTICALLY LIMITED, TYPE 3B	2	EA	\$3,980.00	\$7,960.00	\$4,179.00	\$8,358.00	\$4,490.00	\$8,980.00
81	POST, SIGNAL 15 FT., BLACK	1	EA	\$1,340.00	\$1,340.00	\$1,407.00	\$1,407.00	\$1,510.00	\$1,510.00
82	POST, TYPE CL, 20 FT. ARM, BLACK	1	EA	\$7,787.00	\$7,787.00	\$8,176.35	\$8,176.35	\$8,790.00	\$8,790.00
83	POST, TYPE CL, 30 FT. ARM, BLACK	1	EA	\$9,335.00	\$9,335.00	\$9,801.75	\$9,801.75	\$10,500.00	\$10,500.00
84	POST, TYPE CL, 55 FT. ARM, BLACK	1	EA	\$14,147.00	\$14,147.00	\$14,854.35	\$14,854.35	\$16,000.00	\$16,000.00
85	CONTROLLER ASSEMBLY HOUSING, NEMA TS2 CONTROLLER	1	EA	\$18,360.00	\$18,360.00	\$19,278.00	\$19,278.00	\$20,700.00	\$20,700.00
86	DIAL-UP MODEM	1	EA	\$642.00	\$642.00	\$674.10	\$674.10	\$724.00	\$724.00
87	AUTOSCOPE VISION VIDEO DETECTION SYSTEM	1	EA	\$32,890.00	\$32,890.00	\$34,534.50	\$34,534.50	\$37,100.00	\$37,100.00
88	CONDUIT, 2 IN., TRENCH	22	LF	\$10.00	\$220.00	\$10.50	\$231.00	\$11.50	\$253.00
89	CONDUIT, 3 IN., TRENCH	137	LF	\$12.00	\$1,644.00	\$12.60	\$1,726.20	\$13.50	\$1,849.50
90	CONDUIT, 3 IN., PUSHED	226	LF	\$29.00	\$6,554.00	\$30.45	\$6,881.70	\$32.50	\$7,345.00
91	CABLE, 8 AWG, 1 CONDUCTOR, POWER	2,150	LF	\$1.00	\$2,150.00	\$1.05	\$2,257.50	\$1.25	\$2,687.50
92	CABLE, 16 AWG, 7 CONDUCTOR	2,440	LF	\$1.75	\$4,270.00	\$1.84	\$4,489.60	\$2.00	\$4,880.00
93	PULL BOX, PREFORMED CLASS 2	4	EA	\$1,210.00	\$4,840.00	\$1,270.50	\$5,082.00	\$1,370.00	\$5,480.00
94	PULL BOX, PREFORMED CLASS 3	1	EA	\$1,546.00	\$1,546.00	\$1,623.30	\$1,623.30	\$1,740.00	\$1,740.00
95	BASE CONCRETE	11.5	CY	\$1,166.00	\$13,409.00	\$1,224.30	\$14,079.45	\$1,320.00	\$15,180.00
96	LED LUMINAIRE, 250 WATT/120-277 VOLT	3	EA	\$620.00	\$1,860.00	\$651.00	\$1,953.00	\$700.00	\$2,100.00
97	ILLUMINATED STREET NAME SIGN	3	EA	\$3,390.00	\$10,170.00	\$3,559.50	\$10,678.50	\$3,830.00	\$11,490.00
98	CABLE, 14 AWG, 2 CONDUCTOR, POWER	630	LF	\$2.00	\$1,260.00	\$2.10	\$1,323.00	\$2.25	\$1,417.50
<b>Subtotal Items 59-98</b>				<b>\$261,725.00</b>		<b>\$274,841.60</b>		<b>\$295,791.75</b>	
99	LIGHT STONE REVETMENT	128	SY	\$28.00	\$3,584.00	\$44.50	\$5,696.00	\$42.50	\$5,440.00
100	GEOTEXTILE UNDERLAYMENT	128	SY	\$3.50	\$448.00	\$10.00	\$1,280.00	\$2.75	\$352.00
101	TERRASEEDING	2.2	AC	\$11,140.00	\$24,508.00	\$13,926.82	\$30,639.00	\$12,600.00	\$27,720.00
102	ROCK DITCH CHECK	44	EA	\$215.00	\$9,460.00	\$495.00	\$21,780.00	\$186.00	\$8,184.00
103	CURB INLET CHECK	3	EA	\$100.00	\$300.00	\$109.00	\$327.00	\$113.00	\$339.00
104	SEDIMENT REMOVAL	84	CY	\$50.00	\$4,200.00	\$45.00	\$3,780.00	\$67.00	\$5,628.00
105	SILT FENCE	3,999	LF	\$3.15	\$12,596.85	\$3.29	\$13,156.71	\$3.00	\$11,997.00
106	TYPE 1 EROSION CONTROL BLANKET	3,731	SY	\$1.95	\$7,275.45	\$3.07	\$11,454.17	\$2.25	\$8,394.75
107	AREA INLET CHECK	2	EA	\$165.00	\$330.00	\$128.00	\$256.00	\$186.00	\$372.00
108	FLARED END SECTION CHECK	17	EA	\$150.00	\$2,550.00	\$144.00	\$2,448.00	\$186.00	\$3,162.00
109	CONCRETE WASHOUT	1	EA	\$1,500.00	\$1,500.00	\$450.00	\$450.00	\$1,500.00	\$1,500.00
<b>Subtotal Items 99-109</b>				<b>\$66,752.30</b>		<b>\$91,266.88</b>		<b>\$73,088.75</b>	
<b>Grand Total 1-109</b>				<b>\$1,176,799.00</b>		<b>\$1,258,289.35</b>		<b>\$1,268,214.10</b>	

**Bid 19-150 - Salt Lick River Road - Arrowhead Industrial Blvd. Intersection Improvement Project**

**Bid Opening: November 8, 2019 at 2:00 PM**

**All Bids are subject to correction after bids have been completely reviews**

<b>Bid/Quotation Tabulation</b> Purchasing Department	City of St. Peters Missouri		P.O. Box 9 • One St. Peters Centre Blvd. St. Peters, MO • 63376 www.stpetersmo.net • email: bids@stpetersmo.net phone: 636.477.6600 • fax: 636.939.4411
	Millstone Weber, LLC 601 Fountain Lakes, Blvd. St. Charles, MO 63301 636-949-0038 <a href="mailto:bids@millstoneweber.com">bids@millstoneweber.com</a>		

Millstone Weber, LLC
601 Fountain Lakes, Blvd.
St. Charles, MO 63301
636-949-0038
<a href="mailto:bids@millstoneweber.com">bids@millstoneweber.com</a>

Item	Description	Quantity	Unit	Unit Cost	Total Cost
1	CLEARING AND GRUBBING	1	LS	\$13,000.00	\$13,000.00
2	REMOVAL OF IMPROVEMENTS	1	LS	\$64,000.00	\$64,000.00
3	UNCLASSIFIED EXCAVATION	6,158	CY	\$25.00	\$153,950.00
4	EMBANKMENT IN PLACE	1,519	CY	\$1.00	\$1,519.00
5	TYPE 5 AGGREGATE BASE (4" THICK)	5,780	SY	\$7.30	\$42,194.00
6	CONCRETE PAVEMENT (8" NON-REINFORCED)	5,367.50	SY	\$59.00	\$316,682.50
7	STEEL RIGHT OF WAY MARKER	35	EA	\$190.00	\$6,650.00
8	ADJUST WATER SERVICE VALVE TO GRADE	4	EA	\$383.00	\$1,532.00
9	ADJUST HYDRANT TO GRADE	2	EA	\$978.00	\$1,956.00
10	ADJUST WATER SERVICE VALVE AND BOX TO GRADE	1	EA	\$1,755.00	\$1,755.00
11	ADJUST TELEPHONE PULL BOX TO GRADE	2	EA	\$2,500.00	\$5,000.00
12	TELEPHONE PULL BOX TO BE RELOCATED	1	EA	\$1,000.00	\$1,000.00
13	ADJUSTING MANHOLE	1	EA	\$1,100.00	\$1,100.00
14	ADJUSTING BASIN OR INLET	2	EA	\$1,100.00	\$2,200.00
15	PIPE COLLAR TYPE "A"	5	EA	\$2,200.00	\$11,000.00
16	GUARDRAIL, TYPE A, BLACK	50	LF	\$65.00	\$3,250.00
17	TYPE A CRASHWORTHY END TERMINAL, BLACK	1	EA	\$3,800.00	\$3,800.00
18	CONCRETE MEDIAN	684.1	SY	\$55.00	\$37,625.50
19	INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE A	487	LF	\$18.00	\$8,766.00
20	MOBILIZATION	1	LS	\$128,726.00	\$128,726.00
21	PORTLAND CEMENT CONCRETE SHOULDER RUMBLE STRIP	23.7	STA	\$125.00	\$2,962.50
22	CONTRACTOR FURNISHED SURVEYING AND STAKING	1	LS	\$22,000.00	\$22,000.00
23	18 IN. CLASS III REINFORCED CONCRETE PIPE CULVERT (GASKET TYPE)	238	LF	\$79.00	\$18,802.00
24	24 IN. CLASS III REINFORCED CONCRETE PIPE CULVERT (GASKET TYPE)	41	LF	\$105.00	\$4,305.00
25	36 IN. CLASS III REINFORCED CONCRETE PIPE CULVERT (GASKET TYPE)	28	LF	\$155.00	\$4,340.00
26	PRECAST AREA INLET, SINGLE, OPEN 1 SIDE, UNTRAPPED	1	EA	\$3,500.00	\$3,500.00
27	PRECAST MANHOLE W/LID	2	EA	\$3,000.00	\$6,000.00
28	18 IN. FLARED END SECTION	1	EA	\$1,000.00	\$1,000.00
29	24 IN. FLARED END SECTION	3	EA	\$1,250.00	\$3,750.00
30	36 IN. FLARED END SECTION	2	EA	\$1,950.00	\$3,900.00
<b>Subtotal Items 1-30</b>				<b>\$876,265.50</b>	
31	CONSTRUCTION SIGNS	393	SF	\$6.50	\$2,554.50
32	ADVANCED WARNING RAIL SYSTEM	30	EA	\$35.00	\$1,050.00
33	FLAG ASSEMBLY	30	EA	\$20.00	\$600.00
34	CHANNELIZER (TRIM LINE)	150	EA	\$20.00	\$3,000.00
35	DIRECTIONAL INDICATOR BARRICADE	30	EA	\$65.00	\$1,950.00
36	FLASHING ARROW PANEL	2	EA	\$1,000.00	\$2,000.00
37	CHANGEABLE MESSAGE SIGN, CONTRACTOR FURNISHED, CONTRACTOR RETAINED	3	EA	\$3,500.00	\$10,500.00
38	PAVEMENT EDGE TREATMENT	3,555	LF	\$1.40	\$4,977.00
<b>Subtotal Items 31-38</b>				<b>\$26,631.50</b>	
39	TYPE 2 PREFORMED MARKING TAPE (GROOVED), 24 IN. WHITE	100	LF	\$25.00	\$2,500.00
40	TYPE 2 PREFORMED MARKING TAPE (GROOVED), LEFT/RIGHT ARROW	10	EA	\$350.00	\$3,500.00
41	TYPE 2 PREFORMED MARKING TAPE (GROOVED), 24 IN. WHITE, YIELD LINE TRIANGLES	10	EA	\$45.00	\$450.00
42	PREFORMED SHORT TERM MARKING TAPE LEFT/RIGHT ARROW	2	EA	\$100.00	\$200.00
43	PAVEMENT MARKING REMOVAL	7,880	LF	\$0.65	\$5,122.00
44	PAVEMENT MARKING REMOVAL (SYMBOLS)	3	EA	\$100.00	\$300.00
45	TEMPORARY PAVEMENT MARKING	1,970	LF	\$1.50	\$2,955.00
46	TYPE 2 TAPE (GROOVED) PAVEMENT MARKING, LANE REDUCTION ARROW	2	EA	\$1,200.00	\$2,400.00
47	WET REFLECTIVE HIGH BUILD ACRYLIC WATERBORNE PAVEMENT MARKING, 6 IN. WHITE	7,880	LF	\$0.65	\$5,122.00
48	WET REFLECTIVE HIGH BUILD ACRYLIC WATERBORNE PAVEMENT MARKING, 6 IN. YELLOW	2,010	LF	\$0.65	\$1,306.50
49	WET REFLECTIVE HIGH BUILD ACRYLIC WATERBORNE PAVEMENT MARKING, 12 IN. WHITE	160	LF	\$1.30	\$208.00
50	CONCRETE FOOTING, EMBEDDED	2.2	CY	\$1,200.00	\$2,640.00



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Item	Description	Quantity	Unit	Unit Cost	Total Cost
51	BREAKAWAY ASSEMBLY (PERFORATED SQUARE STEEL TUBE)	8	EA	\$125.00	\$1,000.00
52	PERFORATED SQUARE STEEL TUBE POST, 2 IN., 12 GA.	205	LF	\$26.00	\$5,330.00
53	PERFORATED SQUARE STEEL TUBE POST, 2.5 IN., 12 GA.	95	LF	\$28.00	\$2,660.00
54	PERFORATED SQUARE STEEL TUBE POST ANCHOR, 7 GA.	72	LF	\$38.00	\$2,736.00
55	TYPE SHR2L-1 SIGN	169	SF	\$28.00	\$4,732.00
56	SIGNAL SIGN, TYPE SHR2L-1	30	SF	\$28.85	\$865.50
57	TRAFFIC SIGNAL POST, TYPE C, 30 FT. ARM, BLACK	1	EA	\$8,329.00	\$8,329.00
58	CONCRETE FOOTING, BOLT DOWN, TYPE A-9.5	3.1	CY	\$1,171.00	\$3,630.10
<b>Subtotal Items 39-58</b>				<b>\$55,986.10</b>	
59	LIGHTING POLE, 45 FT. TYPE AT, DESIGN NO. 4, BLACK	6	EA	\$2,882.00	\$17,292.00
60	BRACKET ARM, 15 FT., BLACK	6	EA	\$564.00	\$3,384.00
61	CONDUIT, 2 IN. RIGID, IN TRENCH	2,463	LF	\$10.00	\$24,630.00
62	CONDUIT, 4 IN. RIGID, IN TRENCH	40	LF	\$8.30	\$332.00
63	CONDUIT, 3 IN. RIGID, PUSHED	172	LF	\$19.40	\$3,336.80
64	CONDUIT, 4 IN. RIGID, PUSHED	298	LF	\$20.80	\$6,198.40
65	TRENCHING TYPE I	2,503	LF	\$0.01	\$25.03
66	PULL BOX, PREFORMED CLASS 1	7	EA	\$892.00	\$6,244.00
67	PULL BOX, PREFORMED CLASS 2	8	EA	\$1,152.00	\$9,216.00
68	CABLE, 2 AWG, 1 CONDUCTOR	3,910	LF	\$2.16	\$8,445.60
69	CABLE, 8 AWG, 1 CONDUCTOR	5,790	LF	\$1.17	\$6,774.30
70	CABLE, 10 AWG, 1 CONDUCTOR, POLE AND BRACKET	1,080	LF	\$0.83	\$896.40
71	POLE FOUNDATION, 45 FT.	6	EA	\$1,229.00	\$7,374.00
72	LED LUMINAIRE, 250 WATT/120-277 VOLT	6	EA	\$705.00	\$4,230.00
73	120/240 V COMBINATION BASE MOUNTED POWER SUPPLY & LIGHTING CONTROL STATION w/UNINTERRUPTIBLE POWER SUPPLY	1	EA	\$11,281.00	\$11,281.00
74	SIGNAL HEAD, TYPE 3S	1	EA	\$820.00	\$820.00
75	SIGNAL HEAD, TYPE 4S	1	EA	\$967.00	\$967.00
76	SIGNAL HEAD, TYPE 3B	3	EA	\$1,003.00	\$3,009.00
77	SIGNAL HEAD, TYPE 4B	1	EA	\$1,167.00	\$1,167.00
78	SIGNAL HEAD, OPTICALLY LIMITED, TYPE 1S	1	EA	\$2,116.00	\$2,116.00
79	SIGNAL HEAD, OPTICALLY LIMITED, TYPE 1B	1	EA	\$2,116.00	\$2,116.00
80	SIGNAL HEAD, OPTICALLY LIMITED, TYPE 3B	2	EA	\$3,875.00	\$7,750.00
81	POST, SIGNAL 15 FT., BLACK	1	EA	\$1,289.00	\$1,289.00
82	POST, TYPE CL, 20 FT. ARM, BLACK	1	EA	\$8,166.00	\$8,166.00
83	POST, TYPE CL, 30 FT. ARM, BLACK	1	EA	\$9,598.00	\$9,598.00
84	POST, TYPE CL, 55 FT. ARM, BLACK	1	EA	\$14,432.00	\$14,432.00
85	CONTROLLER ASSEMBLY HOUSING, NEMA TS2 CONTROLLER	1	EA	\$21,890.00	\$21,890.00
86	DIAL-UP MODEM	1	EA	\$1,020.00	\$1,020.00
87	AUTOSCOPE VISION VIDEO DETECTION SYSTEM	1	EA	\$30,853.00	\$30,853.00
88	CONDUIT, 2 IN., TRENCH	22	LF	\$10.00	\$220.00
89	CONDUIT, 3 IN., TRENCH	137	LF	\$11.00	\$1,507.00
90	CONDUIT, 3 IN., PUSHED	226	LF	\$20.00	\$4,520.00
91	CABLE, 8 AWG, 1 CONDUCTOR, POWER	2,150	LF	\$1.17	\$2,515.50
92	CABLE, 16 AWG, 7 CONDUCTOR	2,440	LF	\$1.72	\$4,196.80
93	PULL BOX, PREFORMED CLASS 2	4	EA	\$1,152.00	\$4,608.00
94	PULL BOX, PREFORMED CLASS 3	1	EA	\$1,593.00	\$1,593.00
95	BASE CONCRETE	11.5	CY	\$1,387.00	\$15,950.50
96	LED LUMINAIRE, 250 WATT/120-277 VOLT	3	EA	\$705.00	\$2,115.00
97	ILLUMINATED STREET NAME SIGN	3	EA	\$3,536.00	\$10,608.00
98	CABLE, 14 AWG, 2 CONDUCTOR, POWER	630	LF	\$1.10	\$693.00
<b>Subtotal Items 59-98</b>				<b>\$263,379.33</b>	
99	LIGHT STONE REVETMENT	128	SY	\$71.00	\$9,088.00
100	GEOTEXTILE UNDERLAYMENT	128	SY	\$2.00	\$256.00
101	TERRASEEDING	2.2	AC	\$11,140.00	\$24,508.00
102	ROCK DITCH CHECK	44	EA	\$165.00	\$7,260.00
103	CURB INLET CHECK	3	EA	\$100.00	\$300.00
104	SEDIMENT REMOVAL	84	CY	\$68.00	\$5,712.00
105	SILT FENCE	3,999	LF	\$2.65	\$10,597.35
106	TYPE 1 EROSION CONTROL BLANKET	3,731	SY	\$1.95	\$7,275.45
107	AREA INLET CHECK	2	EA	\$165.00	\$330.00
108	FLARED END SECTION CHECK	17	EA	\$165.00	\$2,805.00
109	CONCRETE WASHOUT	1	EA	\$2,300.00	\$2,300.00
<b>Subtotal Items 99-109</b>				<b>\$70,431.80</b>	
<b>Grand Total 1-109</b>				<b>\$1,292,694.23</b>	