

# Middle Urbana Road Improvements OPWC Project (CK10Y)

Clark County Engineer's Department 4075 Laybourne Road, Springfield, Ohio 45505 937.521.1800

Bids Opened: February 17, 2022 at 10 a.m.

Bids as read: \$2,256,598.55

\$2,260,361.86

\$2,623,550.03

Ref. No.	Item No.	Item Ext.	Description	Est. Quantity	Units	ENGINEERS ESTIMATE		R.B. Jergens Contractors, Inc.		Barrett Paving Materials Inc.		John R. Jurgensen Co.	
						Bid Unit Price	Total Bid Price	Bid Unit Price	Total Bid Price	Bid Unit Price	Total Bid Price	Bid Unit Price	Total Bid Price
<b>Roadway</b>													
1	201	11000	Clearing and Grubbing	1.	LS	\$30,000.00	\$30,000.00	\$35,722.88	\$35,722.88	\$5,000.00	\$5,000.00	\$30,000.00	\$30,000.00
2	202	23001	Pavement Removed, As Per Plan	3,605.	SY	\$6.00	\$21,630.00	\$12.99	\$46,828.95	\$13.00	\$46,865.00	\$18.00	\$64,890.00
3	202	30000	Walk Removed	4,219.	SF	\$2.92	\$12,333.40	\$1.34	\$5,653.46	\$3.35	\$14,133.65	\$1.75	\$7,383.25
4	202	32500	Curb and Gutter Removed	4,024.	FT	\$7.71	\$31,036.31	\$3.07	\$12,353.68	\$5.52	\$22,212.48	\$6.25	\$25,150.00
5	202	35100	Pipe Removed, 24" and Under	2,218.	FT	\$14.33	\$31,773.05	\$14.26	\$31,628.68	\$4.00	\$8,872.00	\$24.50	\$54,341.00
6	202	58000	Manhole Removed	8.	Each	\$548.38	\$4,387.02	\$830.87	\$6,646.96	\$500.00	\$4,000.00	\$1,167.00	\$9,336.00
7	202	58101	Catch Basin Removed, As Per Plan	6.	Each	\$375.00	\$2,250.00	\$456.72	\$2,740.32	\$500.00	\$3,000.00	\$761.00	\$4,566.00
8	202	75000	Fence Removed	115.	FT	\$2.10	\$241.76	\$7.05	\$810.75	\$6.80	\$782.00	\$8.00	\$920.00
9	203	10000	Excavation	1,384.	CY	\$16.51	\$22,848.83	\$16.01	\$22,157.84	\$38.00	\$52,592.00	\$30.00	\$41,520.00
10	203	20000	Embankment	144.	CY	\$24.33	\$3,503.01	\$23.65	\$3,405.60	\$20.00	\$2,880.00	\$11.00	\$1,584.00
11	204	10000	Subgrade Compaction	6,828.	SY	\$1.07	\$7,280.49	\$2.48	\$16,933.44	\$1.60	\$10,924.80	\$1.80	\$12,290.40
12	204	13000	Excavation of Subgrade	2,150.	CY	\$14.17	\$30,465.97	\$27.37	\$58,845.50	\$20.00	\$43,000.00	\$35.00	\$75,250.00
13	204	30020	Granular Material, Type C	2,150.	CY	\$39.91	\$85,802.57	\$51.78	\$111,327.00	\$40.00	\$86,000.00	\$54.75	\$117,712.50
14	204	45000	Proof Rolling	20.	Hour	\$193.94	\$3,878.88	\$237.79	\$4,755.80	\$190.00	\$3,800.00	\$221.50	\$4,430.00
15	608	10000	4" Concrete Walk	2,865.	SF	\$6.86	\$19,657.60	\$6.02	\$17,247.30	\$7.00	\$20,055.00	\$6.50	\$18,622.50
16	608	52000	Curb Ramp	883.	SF	\$17.21	\$15,193.83	\$12.11	\$10,693.13	\$14.10	\$12,450.30	\$15.00	\$13,245.00
17	608	53020	Detectable Warning	16.	SF	\$44.72	\$715.56	\$290.21	\$4,643.36	\$65.50	\$1,048.00	\$65.00	\$1,040.00
18	611	99700	Special - Gas Valve Box Adjusted To Grade	28.	Each	\$268.95	\$7,530.59	\$454.08	\$12,714.24	\$350.00	\$9,800.00	\$395.00	\$11,060.00
19	690	50350	Special - Mailbox Removed and Reset	6.	Each	\$207.84	\$1,247.07	\$341.42	\$2,048.52	\$200.00	\$1,200.00	\$300.00	\$1,800.00
						<b>Subtotal</b>	<b>\$331,775.94</b>	<b>Subtotal</b>	<b>\$407,157.41</b>	<b>Subtotal</b>	<b>\$348,615.23</b>	<b>Subtotal</b>	<b>\$495,140.65</b>
<b>Erosion Control</b>													
20	659	00300	Topsoil	822.	CY	\$32.00	\$26,306.18	\$49.88	\$41,001.36	\$60.00	\$49,320.00	\$85.00	\$69,870.00
21	659	10000	Seeding and Mulching	7,413.	SY	\$1.33	\$9,883.16	\$0.95	\$7,042.35	\$0.92	\$6,819.96	\$0.92	\$6,819.96
22	659	14000	Repair Seeding and Mulching	371.	SY	\$0.87	\$323.13	\$0.52	\$192.92	\$0.50	\$185.50	\$0.50	\$185.50
23	659	20000	Commercial Fertilizer	1.	Ton	\$936.36	\$936.36	\$1,037.03	\$1,037.03	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
24	659	31000	Lime	1.5	Acre	\$152.43	\$228.64	\$207.41	\$311.12	\$200.00	\$300.00	\$200.00	\$300.00
25	659	35000	Water	40.	MGAL	\$3.23	\$129.06	\$1.04	\$41.60	\$1.00	\$40.00	\$1.00	\$40.00
26	670	00720	Ditch Erosion Protection Mat, Type B	442.	SY	\$2.17	\$959.65	\$2.54	\$1,122.68	\$2.45	\$1,082.90	\$2.45	\$1,082.90
27	832	15000	Storm Water Pollution Prevention Plan	1.	LS	\$15,000.00	\$15,000.00	\$5,599.97	\$5,599.97	\$10,000.00	\$10,000.00	\$8,500.00	\$8,500.00
28	832	30000	Erosion Control	1.	LS	\$47,548.00	\$47,548.00	\$47,548.00	\$47,548.00	\$47,548.00	\$47,548.00	\$47,548.00	\$47,548.00
						<b>Subtotal</b>	<b>\$101,314.18</b>	<b>Subtotal</b>	<b>\$103,897.03</b>	<b>Subtotal</b>	<b>\$116,296.36</b>	<b>Subtotal</b>	<b>\$135,346.36</b>
<b>Drainage</b>													
29	602	20000	Concrete Masonry	1.2	CY	\$2,059.47	\$2,471.37	\$4,574.78	\$5,489.74	\$3,000.00	\$3,600.00	\$7,708.33	\$9,250.00
30	605	06020	4" Base Pipe Underdrains with Geotextile Fabric	2,290.	FT	\$10.67	\$24,426.26	\$8.90	\$20,381.00	\$12.00	\$27,480.00	\$11.50	\$26,335.00
31	611	00510	6" Conduit, Type F for Underdrain Outlet	100.	FT	\$19.39	\$1,938.69	\$24.30	\$2,430.00	\$25.00	\$2,500.00	\$34.00	\$3,400.00
32	611	04400	12" Conduit, Type B, 706.02	371.	FT	\$65.26	\$24,211.61	\$59.02	\$21,896.42	\$72.00	\$26,712.00	\$75.50	\$28,010.50
33	611	04600	12" Conduit, Type C, 706.02	69.	FT	\$57.65	\$3,977.57	\$61.26	\$4,226.94	\$60.00	\$4,140.00	\$69.00	\$4,761.00
34	611	07400	18" Conduit, Type B, 706.02	486.	FT	\$70.98	\$34,495.40	\$81.48	\$39,599.28	\$80.00	\$38,880.00	\$103.00	\$50,058.00
35	611	10400	24" Conduit, Type B, 706.02	416.	FT	\$146.73	\$61,041.40	\$95.83	\$39,865.28	\$110.00	\$45,760.00	\$137.00	\$56,992.00
36	611	13400	30" Conduit, Type B, 706.02	1,160.	FT	\$100.76	\$116,884.74	\$118.70	\$137,692.00	\$150.00	\$174,000.00	\$220.50	\$255,780.00
37	611	98150	Catch Basin, No. 3	2.	Each	\$3,255.97	\$6,511.95	\$2,999.02	\$5,998.04	\$3,800.00	\$7,600.00	\$4,500.00	\$9,000.00
38	611	98180	Catch Basin, No. 3A	8.	Each	\$2,460.69	\$19,685.56	\$2,295.56	\$18,364.48	\$3,000.00	\$24,000.00	\$4,000.00	\$32,000.00

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						Bid Unit Price	Total Bid Price	Bid Unit Price	Total Bid Price	Bid Unit Price	Total Bid Price	Bid Unit Price	Total Bid Price
39	611	98470	Catch Basin, No. 2-2B	1.	Each	\$1,857.27	\$1,857.27	\$1,600.17	\$1,600.17	\$1,600.00	\$1,600.00	\$1,620.00	\$1,620.00
40	611	98630	Catch Basin Adjusted To Grade	2.	Each	\$833.58	\$1,667.17	\$1,041.34	\$2,082.68	\$700.00	\$1,400.00	\$625.00	\$1,250.00
41	611	99574	Manhole, No. 3	11.	Each	\$2,800.00	\$30,800.00	\$2,748.72	\$30,235.92	\$3,500.00	\$38,500.00	\$3,570.00	\$39,270.00
42	611	99654	Manhole Adjusted To Grade	6.	Each	\$702.43	\$4,214.55	\$590.92	\$3,545.52	\$850.00	\$5,100.00	\$700.00	\$4,200.00
<b>Pavement</b>						<b>Subtotal</b>	<b>\$334,183.54</b>	<b>Subtotal</b>	<b>\$333,407.47</b>	<b>Subtotal</b>	<b>\$401,272.00</b>	<b>Subtotal</b>	<b>\$521,926.50</b>
43	253	01001	Pavement Repair, As Per Plan	1,765.	SY	\$41.00	\$72,365.00	\$54.06	\$95,415.90	\$48.00	\$84,720.00	\$74.00	\$130,610.00
44	254	01000	Pavement Planing, Asphalt Concrete, 1" Min.	19,775.	SY	\$1.95	\$38,611.48	\$1.94	\$38,363.50	\$2.20	\$43,505.00	\$1.85	\$36,583.75
45	301	46000	Asphalt Concrete Base, PG64-22	692.	CY	\$154.59	\$106,976.32	\$157.44	\$108,948.48	\$170.00	\$117,640.00	\$150.00	\$103,800.00
46	304	20000	Aggregate Base	984.	CY	\$46.44	\$45,693.23	\$62.64	\$61,637.76	\$70.00	\$68,880.00	\$56.00	\$55,104.00
47	305	10010	6" Concrete Base, Class QC 1P	141.	SY	\$60.00	\$8,460.00	\$58.56	\$8,256.96	\$65.00	\$9,165.00	\$70.00	\$9,870.00
48	407	20000	Non-Tracking Tack Coat	3,904.	GAL	\$2.90	\$11,321.40	\$1.05	\$4,099.20	\$3.00	\$11,712.00	\$1.00	\$3,904.00
49	411	10001	Stabilized Crushed Aggregate, As Per Plan	131.	CY	\$74.00	\$9,694.00	\$99.31	\$13,009.61	\$100.00	\$13,100.00	\$85.00	\$11,135.00
50	441	50000	Asphalt Concrete Surface Course, Type 1, (448), PG64-22	9.	CY	\$149.11	\$1,341.99	\$372.60	\$3,353.40	\$400.00	\$3,600.00	\$355.00	\$3,195.00
51	441	50200	Asphalt Concrete Intermediate Course, Type 1, (448)	1,007.	CY	\$165.15	\$166,305.67	\$177.38	\$178,621.66	\$160.00	\$161,120.00	\$169.00	\$170,183.00
52	441	50200	Asphalt Concrete Intermediate Course, Type 1, (448)	13.	CY	\$300.00	\$3,900.00	\$372.60	\$4,843.80	\$400.00	\$5,200.00	\$355.00	\$4,615.00
53	442	20000	Asphalt Concrete Surface Course, 12.5 MM, Type A (448)	1,001.	CY	\$186.45	\$186,639.18	\$215.16	\$215,375.16	\$190.00	\$190,190.00	\$205.00	\$205,205.00
54	452	10010	6" Non-Reinforced Concrete Pavement, Class QC 1P	1,010.	SY	\$58.84	\$59,427.77	\$69.42	\$70,114.20	\$65.00	\$65,650.00	\$70.25	\$70,952.50
55	609	12000	Combination Curb and Gutter, Type 2, As Per Plan	4,713.	FT	\$23.50	\$110,769.26	\$21.23	\$100,056.99	\$21.00	\$98,973.00	\$21.50	\$101,329.50
<b>Water Work</b>						<b>Subtotal</b>	<b>\$821,505.30</b>	<b>Subtotal</b>	<b>\$902,096.62</b>	<b>Subtotal</b>	<b>\$873,455.00</b>	<b>Subtotal</b>	<b>\$906,486.75</b>
56	638	10600	Fire Hydrant and Gate Valve Removed and Reset	1.	Each	\$1,500.00	\$1,500.00	\$1,421.93	\$1,421.93	\$3,000.00	\$3,000.00	\$11,500.00	\$11,500.00
57	638	10800	Valve Box Adjusted To Grade	3.	Each	\$246.69	\$740.08	\$285.26	\$855.78	\$500.00	\$1,500.00	\$485.00	\$1,455.00
58	638	10900	Service Box Adjusted To Grade	5.	Each	\$250.29	\$1,251.43	\$209.96	\$1,049.80	\$500.00	\$2,500.00	\$485.00	\$2,425.00
59	638	98000	Water Work, Misc.: Remove Sprinkler System	1.	Each	\$2,500.00	\$2,500.00	\$1,612.20	\$1,612.20	\$700.00	\$700.00	\$1,000.00	\$1,000.00
<b>Traffic Control</b>						<b>Subtotal</b>	<b>\$5,991.51</b>	<b>Subtotal</b>	<b>\$4,939.71</b>	<b>Subtotal</b>	<b>\$7,700.00</b>	<b>Subtotal</b>	<b>\$16,380.00</b>
60	625	32000	Ground Rod	4.	Each	\$254.83	\$1,019.31	\$274.81	\$1,099.24	\$275.00	\$1,100.00	\$333.96	\$1,335.84
61	630	03100	Ground Mounted Support, No. 3 Post	336.	FT	\$10.10	\$3,392.02	\$14.00	\$4,704.00	\$13.50	\$4,536.00	\$13.50	\$4,536.00
62	630	80100	Sign, Flat Sheet	154.	SF	\$20.89	\$3,216.79	\$28.52	\$4,392.08	\$27.50	\$4,235.00	\$27.50	\$4,235.00
63	630	84900	Removal of Ground Mounted Sign and Disposal	8.	Each	\$14.84	\$118.73	\$22.30	\$178.40	\$21.50	\$172.00	\$21.50	\$172.00
64	630	85001	Removal of Ground Mounted Sign and Storage, As Per Plan	16.	Each	\$20.00	\$320.00	\$23.59	\$377.44	\$22.75	\$364.00	\$22.75	\$364.00
65	630	85100	Removal of Ground Mounted Sign and Reerection	12.	Each	\$60.24	\$722.89	\$60.15	\$721.80	\$58.00	\$696.00	\$58.00	\$696.00
66	630	86002	Removal of Ground Mounted Post Support and Disposal	28.	Each	\$18.26	\$511.31	\$25.41	\$711.48	\$24.50	\$686.00	\$24.50	\$686.00
67	630	97700	Signing, Misc.: Solar Powered Rectangular Rapid Flashing Beacon (RRFB) Sign Assembly	2.	Each	\$8,000.00	\$16,000.00	\$6,118.49	\$12,236.98	\$4,835.00	\$9,670.00	\$4,835.00	\$9,670.00
68	631	93241	School Speed Limit Sign Assembly, Solar-Powered, As Per Plan	2.	Each	\$6,500.00	\$13,000.00	\$4,874.05	\$9,748.10	\$3,450.00	\$6,900.00	\$3,450.00	\$6,900.00
69	632	26500	Detector Loop	2.	Each	\$1,098.29	\$2,196.58	\$1,555.55	\$3,111.10	\$1,500.00	\$3,000.00	\$1,792.07	\$3,584.14
70	632	64020	Pedestal Foundation	4.	Each	\$932.55	\$3,730.20	\$985.18	\$3,940.72	\$950.00	\$3,800.00	\$158.00	\$632.00
71	632	90010	Pedestal, Misc.: 14', Transformer Base	4.	Each	\$1,200.00	\$4,800.00	\$1,685.18	\$6,740.72	\$1,625.00	\$6,500.00	\$1,010.00	\$4,040.00
72	632	90020	Removal of Miscellaneous Traffic Signal Item, Loop Detector	2.	Each	\$520.72	\$1,041.44	\$25.93	\$51.86	\$25.00	\$50.00	\$31.60	\$63.20
73	644	00100	Edge Line, 4"	2.39	Mile	\$2,697.51	\$6,447.05	\$3,710.21	\$8,867.40	\$3,577.72	\$8,550.75	\$2,600.00	\$6,214.00
74	644	00300	Center Line, 4"	1.61	Mile	\$5,084.85	\$8,186.60	\$6,122.44	\$9,857.13	\$5,903.81	\$9,505.13	\$5,192.00	\$8,359.12
75	644	00400	Channelizing Line, 8"	1,436.	FT	\$1.45	\$2,079.66	\$1.51	\$2,168.36	\$1.46	\$2,096.56	\$1.24	\$1,780.64
76	644	00500	Stop Line, 24"	256.	FT	\$6.75	\$1,727.89	\$8.81	\$2,255.36	\$8.50	\$2,176.00	\$6.20	\$1,587.20
77	644	00600	Crosswalk Line	678.	FT	\$3.34	\$2,261.71	\$5.82	\$3,945.96	\$5.61	\$3,803.58	\$6.20	\$4,203.60
78	644	00700	Transverse/Diagonal Line	461.	FT	\$5.55	\$2,558.97	\$8.12	\$3,743.32	\$7.83	\$3,609.63	\$5.57	\$2,567.77
79	644	00900	Island Marking	202.	SF	\$3.19	\$644.30	\$5.57	\$1,125.14	\$5.37	\$1,084.74	\$4.66	\$941.32

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						Bid Unit Price	Total Bid Price	Bid Unit Price	Total Bid Price	Bid Unit Price	Total Bid Price	Bid Unit Price	Total Bid Price
80	644	01100	School Symbol Marking, 72"	3.	Each	\$519.53	\$1,558.60	\$389.05	\$1,167.15	\$375.16	\$1,125.48	\$620.00	\$1,860.00
81	644	01300	Lane Arrow	22.	Each	\$95.25	\$2,095.54	\$109.53	\$2,409.66	\$105.62	\$2,323.64	\$92.00	\$2,024.00
82	644	20800	Yield Line	36.	FT	\$12.29	\$442.56	\$5.82	\$209.52	\$5.61	\$201.96	\$19.00	\$684.00
<b>Subtotal</b>							<b>\$78,072.15</b>	<b>Subtotal</b>	<b>\$83,762.92</b>	<b>Subtotal</b>	<b>\$76,186.47</b>	<b>Subtotal</b>	<b>\$67,135.83</b>
<b>Traffic Signal - Montego at Middle Urbana</b>													
83	625	00450	Connection, Fused Pull Apart	4.	Each	\$107.24	\$428.94	\$93.33	\$373.32	\$90.00	\$360.00	\$127.54	\$510.16
84	625	00460	Connection, Unfused Pull Apart	4.	Each	\$92.60	\$370.39	\$93.33	\$373.32	\$90.00	\$360.00	\$133.60	\$534.40
85	625	00480	Connection, Unfused Permanent	2.	Each	\$98.18	\$196.36	\$93.33	\$186.66	\$90.00	\$180.00	\$139.67	\$279.34
86	625	18510	Bracket Arm, 30'	4.	Each	\$1,700.00	\$6,800.00	\$2,022.21	\$8,088.84	\$1,950.00	\$7,800.00	\$1,651.03	\$6,604.12
87	625	23304	No. 8 AWG 600 Volt Distribution Cable	978.	FT	\$1.67	\$1,637.90	\$2.59	\$2,533.02	\$2.50	\$2,445.00	\$2.74	\$2,679.72
88	625	23400	No. 10 AWG Pole and Bracket Cable	840.	FT	\$2.00	\$1,679.69	\$1.24	\$1,041.60	\$1.20	\$1,008.00	\$2.19	\$1,839.60
89	625	25400	Conduit, 2", 725.04	87.	FT	\$13.25	\$1,152.97	\$21.78	\$1,894.86	\$21.00	\$1,827.00	\$34.38	\$2,991.06
90	625	25500	Conduit, 3", 725.04	20.	FT	\$23.78	\$475.57	\$42.52	\$850.40	\$41.00	\$820.00	\$71.91	\$1,438.20
91	625	25600	Conduit, 4", 725.04	20.	FT	\$36.61	\$732.22	\$60.15	\$1,203.00	\$58.00	\$1,160.00	\$69.82	\$1,396.40
92	625	25902	Conduit, Jacked or Drilled, 725.04, 2"	211.	FT	\$35.00	\$7,385.00	\$39.41	\$8,315.51	\$38.00	\$8,018.00	\$92.32	\$19,479.52
93	625	26253	Luminaire, Conventional, Solid State (LED), As Per Plan	4.	Each	\$600.00	\$2,400.00	\$674.07	\$2,696.28	\$650.00	\$2,600.00	\$735.70	\$2,942.80
94	625	29000	Trench	91.	FT	\$13.75	\$1,251.25	\$14.52	\$1,321.32	\$14.00	\$1,274.00	\$59.80	\$5,441.80
95	625	30706	Pull Box, 725.08, 24"	4.	Each	\$1,200.00	\$4,800.00	\$1,296.29	\$5,185.16	\$1,250.00	\$5,000.00	\$1,609.65	\$6,438.60
96	625	32000	Ground Rod	10.	Each	\$250.00	\$2,500.00	\$274.81	\$2,748.10	\$265.00	\$2,650.00	\$333.96	\$3,339.60
97	625	32001	Ground Rod, As Per Plan	1.	Each	\$250.00	\$250.00	\$274.81	\$274.81	\$265.00	\$265.00	\$364.30	\$364.30
98	625	34001	Power Service, As Per Plan	1.	Each	\$3,300.00	\$3,300.00	\$2,048.14	\$2,048.14	\$1,975.00	\$1,975.00	\$4,008.58	\$4,008.58
99	625	36000	Plastic Caution Tape	91.	FT	\$1.50	\$136.50	\$1.45	\$131.95	\$1.40	\$127.40	\$0.36	\$32.76
100	630	80100	Sign, Flat Sheet	142.	SF	\$26.00	\$3,692.00	\$28.52	\$4,049.84	\$27.50	\$3,905.00	\$27.50	\$3,905.00
101	630	79000	Sign Hanger Assembly, Span Wire	16.	Each	\$310.00	\$4,960.00	\$232.81	\$3,724.96	\$244.50	\$3,912.00	\$224.50	\$3,592.00
102	632	05006	Vehicular Signal Head, (LED), 3-Section, 12" Lens, 1-Way, Polycarbonate, Yellow	7.	Each	\$800.00	\$5,600.00	\$933.33	\$6,533.31	\$900.00	\$6,300.00	\$948.56	\$6,639.92
103	632	05086	Vehicular Signal Head, (LED), 5-Section, 12" Lens, 1-Way, Polycarbonate, Yellow	1.	Each	\$1,300.00	\$1,300.00	\$1,529.62	\$1,529.62	\$1,475.00	\$1,475.00	\$1,600.51	\$1,600.51
104	632	20731	Pedestrian Signal Head (LED), Type D2, Countdown, As Per Plan	6.	Each	\$600.00	\$3,600.00	\$700.00	\$4,200.00	\$675.00	\$4,050.00	\$665.58	\$3,993.48
105	632	25000	Covering of Vehicular Signal Head	8.	Each	\$28.47	\$227.76	\$67.41	\$539.28	\$65.00	\$520.00	\$18.23	\$145.84
106	632	25010	Covering of Pedestrian Signal Head	6.	Each	\$28.32	\$169.93	\$46.67	\$280.02	\$45.00	\$270.00	\$18.23	\$109.38
107	632	26001	Pedestrian Pushbutton, As Per Plan	6.	Each	\$250.00	\$1,500.00	\$233.33	\$1,399.98	\$225.00	\$1,350.00	\$280.56	\$1,683.36
108	632	30300	Messenger Wire, 7 Strand, 7/16" Diameter with Accessories	270.	FT	\$10.00	\$2,700.00	\$24.89	\$6,720.30	\$24.00	\$6,480.00	\$25.36	\$6,847.20
109	632	30600	Tether Wire, with Accessories	270.	FT	\$17.78	\$4,799.51	\$24.89	\$6,720.30	\$24.00	\$6,480.00	\$29.01	\$7,832.70
110	632	40300	Signal Cable, 3 Conductor, No. 14 AWG	1,124.	FT	\$1.63	\$1,833.88	\$2.28	\$2,562.72	\$2.20	\$2,472.80	\$3.19	\$3,585.56
111	632	40500	Signal Cable, 5 Conductor, No. 14 AWG	1,136.	FT	\$1.81	\$2,056.24	\$2.49	\$2,828.64	\$2.40	\$2,726.40	\$3.62	\$4,112.32
112	632	40700	Signal Cable, 7 Conductor, No. 14 AWG	578.	FT	\$2.20	\$1,271.47	\$2.70	\$1,560.60	\$2.60	\$1,502.80	\$4.37	\$2,525.86
113	632	64001	Strain Pole Foundation, As Per Plan	4.	Each	\$5,500.00	\$22,000.00	\$6,740.71	\$26,962.84	\$6,500.00	\$26,000.00	\$8,014.96	\$32,059.84
114	632	64020	Pedestal Foundation	5.	Each	\$1,100.00	\$5,500.00	\$985.18	\$4,925.90	\$950.00	\$4,750.00	\$1,640.35	\$8,201.75
115	632	68200	Power Cable, 2 Conductor, No. 6 AWG	29.	FT	\$3.50	\$101.50	\$5.19	\$150.51	\$5.00	\$145.00	\$11.73	\$340.17
116	632	69600	Service Cable, 2 Conductor, No. 4 AWG	93.	FT	\$3.00	\$279.00	\$7.26	\$675.18	\$7.00	\$651.00	\$11.29	\$1,049.97
117	632	85000	Combination Strain Pole, Type TC-81.10, Design 10	4.	Each	\$9,500.00	\$38,000.00	\$11,925.87	\$47,703.48	\$11,500.00	\$46,000.00	\$8,982.66	\$35,930.64
118	632	89901	Pedestal, 8', Transformer Base, As Per Plan	5.	Each	\$1,100.00	\$5,500.00	\$933.33	\$4,666.65	\$900.00	\$4,500.00	\$737.09	\$3,685.45
119	633	01551	Controller Unit, Type TS2/A2, With Cabinet, Type TS2, As Per Plan	1.	Each	\$15,000.00	\$15,000.00	\$13,159.94	\$13,159.94	\$12,690.00	\$12,690.00	\$15,266.97	\$15,266.97
120	633	67100	Cabinet Foundation	1.	Each	\$2,000.00	\$2,000.00	\$3,007.39	\$3,007.39	\$2,900.00	\$2,900.00	\$3,342.12	\$3,342.12
121	633	67310	Preemption Receiving Unit, As Per Plan	4.	Each	\$662.22	\$2,648.89	\$1,192.59	\$4,770.36	\$1,150.00	\$4,600.00	\$1,110.92	\$4,443.68
122	633	67320	Preemption Detector Cable, As Per Plan	500.	FT	\$1.67	\$835.17	\$3.11	\$1,555.00	\$3.00	\$1,500.00	\$3.53	\$1,765.00
123	633	67350	Preemption Phase Selector, As Per Plan	1.	Each	\$2,091.19	\$2,091.19	\$5,029.61	\$5,029.61	\$4,850.00	\$4,850.00	\$5,492.84	\$5,492.84
124	633	99000	Preemption Confirmation Light, Bi-Directional, As Per Plan	2.	Each	\$600.00	\$1,200.00	\$933.33	\$1,866.66	\$900.00	\$1,800.00	\$971.71	\$1,943.42
125	633	75001	Uninterruptible Power Supply (UPS), 1000 Watt, As Per Plan	1.	Each	\$5,500.00	\$5,500.00	\$6,637.00	\$6,637.00	\$6,400.00	\$6,400.00	\$7,071.41	\$7,071.41

Ref. No.	Item No.	Item Ext.	Description	Est. Quantity	Units	ENGINEERS ESTIMATE		R.B. Jergens Contractors, Inc.		Barrett Paving Materials Inc.		John R. Jurgensen Co.	
						Bid Unit Price	Total Bid Price	Bid Unit Price	Total Bid Price	Bid Unit Price	Total Bid Price	Bid Unit Price	Total Bid Price
126	809	69101	Stop Line Radar Detection, As Per Plan	2.	Each	\$7,300.00	\$14,600.00	\$8,192.55	\$16,385.10	\$7,900.00	\$15,800.00	\$8,194.11	\$16,388.22
127	809	69001	Advance Radar Detection, As Per Plan	2.	Each	\$7,800.00	\$15,600.00	\$8,555.51	\$17,111.02	\$8,250.00	\$16,500.00	\$8,558.23	\$17,116.46
						<b>Subtotal</b>	<b>\$200,063.33</b>	<b>Subtotal</b>	<b>\$236,522.50</b>	<b>Subtotal</b>	<b>\$228,399.40</b>	<b>Subtotal</b>	<b>\$260,992.03</b>
<b>Lighting</b>													
128	625	00450	Connection, Fused Pull Apart	1.	Each	\$107.24	\$107.24	\$93.33	\$93.33	\$90.00	\$90.00	\$127.53	\$127.53
129	625	00460	Connection, Unfused Pull Apart	1.	Each	\$92.60	\$92.60	\$93.33	\$93.33	\$90.00	\$90.00	\$133.60	\$133.60
130	625	10491	Light Pole, Conventional, As Per Plan	1.	Each	\$3,000.00	\$3,000.00	\$3,681.46	\$3,681.46	\$3,550.00	\$3,550.00	\$3,865.96	\$3,865.96
131	625	14000	Light Pole Foundation, 24" X 6' Deep	1.	Each	\$1,766.80	\$1,766.80	\$1,970.36	\$1,970.36	\$1,900.00	\$1,900.00	\$2,611.69	\$2,611.69
132	625	23304	No. 8 AWG 600 Volt Distribution Cable	402.	FT	\$1.67	\$673.25	\$2.59	\$1,041.18	\$2.50	\$1,005.00	\$6.38	\$2,564.76
133	625	23400	No. 10 AWG Pole and Bracket Cable	110.	FT	\$2.00	\$219.96	\$1.20	\$132.00	\$1.16	\$127.60	\$2.19	\$240.90
134	625	25400	Conduit, 2", 725.04	125.	FT	\$13.25	\$1,656.57	\$21.78	\$2,722.50	\$21.00	\$2,625.00	\$34.98	\$4,372.50
135	625	25902	Conduit, Jacked or Drilled, 725.04, 2"	45.	FT	\$35.00	\$1,575.00	\$39.41	\$1,773.45	\$38.00	\$1,710.00	\$84.25	\$3,791.25
136	625	26253	Luminaire, Conventional, Solid State (LED), As Per Plan, IES Type R2, 7000-9500 Lumens, (W/ Ansi/Nema 7-Pin Photocell/Dimming Receptacle)	1.	Each	\$600.00	\$600.00	\$611.85	\$611.85	\$590.00	\$590.00	\$525.73	\$525.73
137	625	29000	Trench	125.	FT	\$9.04	\$1,129.98	\$14.52	\$1,815.00	\$14.00	\$1,750.00	\$30.87	\$3,858.75
138	625	30700	Pull Box, 725.08, 18"	3.	Each	\$837.23	\$2,511.68	\$933.33	\$2,799.99	\$900.00	\$2,700.00	\$1,488.27	\$4,464.81
139	625	32000	Ground Rod	1.	Each	\$244.20	\$244.20	\$274.81	\$274.81	\$265.00	\$265.00	\$333.96	\$333.96
140	625	34001	Power Service, As Per Plan	1.	Each	\$3,000.00	\$3,000.00	\$2,022.21	\$2,022.21	\$1,950.00	\$1,950.00	\$12,751.40	\$12,751.40
141	625	36000	Plastic Caution Tape	125.	FT	\$0.41	\$50.86	\$1.45	\$181.25	\$1.40	\$175.00	\$12.39	\$1,548.75
142	632	69600	Service Cable, 2 Conductor, No. 4 AWG	40.	FT	\$3.00	\$120.00	\$7.26	\$290.40	\$7.00	\$280.00	\$12.15	\$486.00
						<b>Subtotal</b>	<b>\$16,748.14</b>	<b>Subtotal</b>	<b>\$19,503.12</b>	<b>Subtotal</b>	<b>\$18,807.60</b>	<b>Subtotal</b>	<b>\$41,677.59</b>
<b>Maintenance of Traffic</b>													
143	614	11110	Law Enforcement Officer with Patrol Car for Assistance	16.	Hour	\$70.21	\$1,123.40	\$98.52	\$1,576.32	\$75.00	\$1,200.00	\$80.00	\$1,280.00
144	614	12420	Detour Signing	1.	LS	\$25,000.00	\$25,000.00	\$2,748.13	\$2,748.13	\$2,650.00	\$2,650.00	\$1,790.00	\$1,790.00
145	614	12440	Work Zone Sign Support	136.	Each	\$25.00	\$3,400.00	\$85.56	\$11,636.16	\$82.50	\$11,220.00	\$82.50	\$11,220.00
146	614	12460	Work Zone Marking Sign	148.	Each	\$101.17	\$14,972.48	\$83.22	\$12,316.56	\$80.25	\$11,877.00	\$80.25	\$11,877.00
147	614	21000	Work Zone Center Line, Class I	1.44	Mile	\$1,717.74	\$2,473.55	\$1,028.96	\$1,481.70	\$992.22	\$1,428.80	\$1,272.00	\$1,831.68
148	614	21550	Work Zone Center Line, Class III, 642 Paint	1.61	Mile	\$1,425.59	\$2,295.20	\$745.90	\$1,200.90	\$719.26	\$1,158.01	\$1,272.00	\$2,047.92
149	614	22000	Work Zone Edge Line, Class I, 4"	1.71	Mile	\$1,124.57	\$1,923.02	\$694.39	\$1,187.41	\$669.59	\$1,145.00	\$848.00	\$1,450.08
150	614	22350	Work Zone Edge Line, Class III, 4", 642 Paint	2.39	Mile	\$858.12	\$2,050.92	\$544.70	\$1,301.83	\$525.25	\$1,255.35	\$848.00	\$2,026.72
151	614	23000	Work Zone Channelizing Line, Class I, 8"	335.	FT	\$0.82	\$274.79	\$0.66	\$221.10	\$0.64	\$214.40	\$0.71	\$237.85
152	614	23680	Work Zone Channelizing Line, Class III, 8", 642 Paint	1,436.	FT	\$0.63	\$901.55	\$0.63	\$904.68	\$0.61	\$875.96	\$0.71	\$1,019.56
153	614	26000	Work Zone Stop Line, Class I	113.	FT	\$3.07	\$346.98	\$3.88	\$438.44	\$3.74	\$422.62	\$3.53	\$398.89
154	614	26610	Work Zone Stop Line, Class III, 642 Paint	256.	FT	\$2.91	\$745.03	\$3.38	\$865.28	\$3.26	\$834.56	\$3.53	\$903.68
155	614	27000	Work Zone Crosswalk Line, Class I	417.	FT	\$2.33	\$971.53	\$2.98	\$1,242.66	\$2.87	\$1,196.79	\$1.80	\$750.60
156	614	27620	Work Zone Crosswalk Line, Class III, 642 Paint	678.	FT	\$1.80	\$1,219.71	\$2.96	\$2,006.88	\$2.85	\$1,932.30	\$3.53	\$2,393.34
157	614	30000	Work Zone Arrow, Class I	2.	Each	\$53.17	\$106.34	\$58.98	\$117.96	\$56.87	\$113.74	\$49.00	\$98.00
158	614	30650	Work Zone Arrow, Class III, 642 Paint	22.	Each	\$56.62	\$1,245.70	\$57.18	\$1,257.96	\$55.14	\$1,213.08	\$49.00	\$1,078.00
159	614	31740	Work Zone School Symbol Marking, 72", Class III, 642 Paint	3.	Each	\$100.00	\$300.00	\$106.37	\$319.11	\$102.57	\$307.71	\$320.00	\$960.00
160	614	32800	Work Zone Island Marking, Class III, 642 Paint	202.	SF	\$2.00	\$404.00	\$2.30	\$464.60	\$2.22	\$448.44	\$2.50	\$505.00
161	616	10000	Water	6.	MGAL	\$42.02	\$252.12	\$129.55	\$777.30	\$10.00	\$60.00	\$85.00	\$510.00
162	642	30000	Removal of Pavement Marking	19.	FT	\$22.28	\$423.33	\$1.62	\$30.78	\$1.56	\$29.64	\$6.00	\$114.00
163	642	30030	Removal of Pavement Marking	0.16	Mile	\$7,009.10	\$1,121.46	\$18,448.80	\$2,951.81	\$17,790.00	\$2,846.40	\$18,575.00	\$2,972.00
						<b>Subtotal</b>	<b>\$61,551.11</b>	<b>Subtotal</b>	<b>\$45,047.57</b>	<b>Subtotal</b>	<b>\$42,429.80</b>	<b>Subtotal</b>	<b>\$45,464.32</b>
<b>Incidentals</b>													
164	614	11000	Maintaining Traffic	1.	LS	\$50,000.00	\$50,000.00	\$69,294.99	\$69,294.99	\$100,000.00	\$100,000.00	\$25,000.00	\$25,000.00
165	623	10001	Construction Layout Stakes and Surveying, As Per Plan	1.	LS	\$30,000.00	\$30,000.00	\$14,829.56	\$14,829.56	\$25,000.00	\$25,000.00	\$26,000.00	\$26,000.00
166	624	10000	Mobilization	1.	LS	\$100,000.00	\$100,000.00	\$25,304.96	\$25,304.96	\$12,000.00	\$12,000.00	\$70,000.00	\$70,000.00

Ref. No.	Item No.	Item Ext.	Description	Est. Quantity	Units	ENGINEERS ESTIMATE		R.B. Jergens Contractors, Inc.		Barrett Paving Materials Inc.		John R. Jurgensen Co.	
						Bid Unit Price	Total Bid Price	Bid Unit Price	Total Bid Price	Bid Unit Price	Total Bid Price	Bid Unit Price	Total Bid Price
167	103	05000	Premium for Contract Performance Bond and for Payment Bond	1.	LS	\$20,000.00	\$20,000.00	\$10,834.70	\$10,834.70	\$10,200.00	\$10,200.00	\$12,000.00	\$12,000.00
						<i>Subtotal</i>	<b>\$200,000.00</b>	<i>Subtotal</i>	<b>\$120,264.21</b>	<i>Subtotal</i>	<b>\$147,200.00</b>	<i>Subtotal</i>	<b>\$133,000.00</b>
						<b>Total Base Bid</b>	<b>\$2,151,205.20</b>	<b>\$2,256,598.56</b>	<b>\$2,260,361.86</b>	<b>\$2,260,361.86</b>	<b>\$2,623,550.03</b>	<b>\$2,623,550.03</b>	
Roadway Alternates													
168	690	12060	Special - Pavement Overlay Fabric Composite	872.	SY	\$8.34	\$7,276.75	\$28.21	\$24,599.12	\$28.00	\$24,416.00	\$27.20	\$23,718.40
						<i>Total Roadway Alternate</i>	<b>\$7,276.75</b>		<b>\$24,599.12</b>		<b>\$24,416.00</b>		<b>\$23,718.40</b>
						<b>Total Base Bid &amp; Roadway Alternate</b>	<b>\$2,158,481.95</b>		<b>\$2,281,197.68</b>		<b>\$2,284,777.86</b>		<b>\$2,647,268.43</b>
									<b>\$0.01</b>		<b>\$0.00</b>		<b>\$0.00</b>