

July 6, 2017

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 3 to Zignego Co., Inc., W226 N2940 Duplainville Rd., Waukesha, WI 53186 for West Waukesha Bypass (Meadowbrook Road) Utility And Street Improvements.

Contract No. 3992

5/2/2017

\$4,538,920.34

No	Quantity	Description		Cost	Per Unit	Amount
1	11	Clearing WISDOT SPV 201.0105	@	\$ 275.00		\$3,025.00
2	81	Clearing WISDOT SPV 201.0120	@	\$ 40.00		\$3,240.00
3	11	Grubbing WISDOT SPV 201.0205	@	\$ 225.00		\$2,475.00
4	0	Grubbing WISDOT SPV 201.0220	@	\$ 15.00		\$0.00
5	0	Removing Pavement WISDOT SPV 204.0100	@	\$ 25.00		\$0.00
6	0	Removing Asphaltic Surface WISDOT SPV 204.0110	@	\$ 1.60		\$0.00
7	0	Removing Asphaltic Surface Milling WISDOT SPV 204.0120	@	\$ 8.00		\$0.00
8	1,002.3	Removing Curb & Gutter WISDOT SPV 204.0150	@	\$ 3.00		\$3,006.90
9	225	Removing Concrete Sidewalk WISDOT SPV 204.0155	@	\$ 2.00		\$450.00
10	1	Removing Manholes WISDOT SPV 204.0210	@	\$ 325.00		\$325.00
11	3	Removing Inlets WISDOT SPV 204.0220	@	\$ 225.00		\$675.00
12	0	Removing Storm Sewer 12-Inch	@	\$ 15.00		\$0.00
13	0	Removing Storm Sewer 18-Inch	@	\$ 20.00		\$0.00
14	40	Removing Storm Sewer 24-Inch	@	\$ 20.00		\$800.00
15	0	Removing Storm Sewer 42-Inch	@	\$ 25.00		\$0.00
16	80	Removing Storm Sewer 48-Inch	@	\$ 30.00		\$2,400.00
17	1,500	Shaping & Grading	@	\$ 98.00		\$147,000.00
18	0	Borrow WISDOT SPV 208.0100	@	\$ 0.01		\$0.00
19	1,156.57	Base Aggregate Dense 1-1/4 Inch	@	\$ 11.00		\$12,722.27
20	1,515.58	Select Crushed Material WISDOT SPV 312.0110	@	\$ 12.30		\$18,641.63
21	115.46	3-Inch Crushed Stone Backfill	@	\$ 10.00		\$1,154.63
22	0	Concrete Pavement 8-Inch WISDOT SPV 415.0080	@	\$ 33.50		\$0.00
23	0	Concrete Driveway 6-Inch WISDOT SPV 416.0160	@	\$ 45.00		\$0.00

24	0	Drilled Tie Bars WISDOT SPV 416.0610	@	\$	12.00	\$0.00
25	0	Tack Coat WISDOT SPV 455.0605	@	\$	2.00	\$0.00
26	0	HMA Pavement 3 LT 58-28 S WISDOT SPV 460.5223	@	\$	53.65	\$0.00
27	0	HMA Pavement 5 LT 58-28 S WISDOT SPV 460.5224	@	\$	69.00	\$0.00
28	0	Asphaltic Surface Driveways HMA Pavement 5 LT 58-28 S	@	\$	215.00	\$0.00
29	153.14	Asphaltic Surface Temporary WISDOT SPV 465.0125	@	\$	68.00	\$10,413.52
30	0	Asphaltic Surface HMA Pavement 5 LT 58-28 S	@	\$	65.00	\$0.00
31	0	Concrete Curb & Gutter 30-Inch Type A WISDOT SPV 601.0409	@	\$	12.32	\$0.00
32	0	Concrete Curb & Gutter 30-Inch Type D WISDOT SPV 601.0411	@	\$	14.00	\$0.00
33	0	Concrete Sidewalk 4-Inch	@	\$	3.01	\$0.00
34	0	Curb Ramp Detectable Warning Field Yellow WISDOT SPV 602.0505	@	\$	41.00	\$0.00
35	0	Adjusting Storm Manholes	@	\$	400.00	\$0.00
36	1	Cover Plate Temporary WISDOT SPV 611.8120.S	@	\$	200.00	\$200.00
37	0	Concrete Median Sloped Nose Type 1 WISDOT SPV 620.0300	@	\$	12.00	\$0.00
38	0	Salvaged Topsoil WISDOT SPV 625.0500	@	\$	1.50	\$0.00
39	1,814	Silt Fence - Delivered, Installed, and Maintained	@	\$	1.60	\$2,902.40
40	0	Inlet Protection Type A	@	\$	90.00	\$0.00
41	18	Inlet Protection Type C	@	\$	45.00	\$810.00
42	0	Culvert Pipe Checks WISDOT SPV 628.7555	@	\$	60.00	\$0.00
43	1	Tracking Pads WISDOT SPV 628.7560	@	\$	2,000.00	\$2,000.00
44	0	Fertilizer Type B WISDOT SPV 629.0210	@	\$	80.00	\$0.00
45	0	Sod Lawn Topsoil and Sod	@	\$	4.85	\$0.00
46	0	Posts Wood 4x6-IN 16 FT WISDOT SPV 634.0616	@	\$	85.00	\$0.00
47	0	Posts Wood 4x6-IN 18 FT WISDOT SPV 634.0618	@	\$	95.00	\$0.00
48	0	Signs Type II Reflective H WISDOT SPV 637.2210	@	\$	19.40	\$0.00
49	0	Signs Type II Reflective H Folding WISDOT SPV 637.2215	@	\$	21.80	\$0.00
50	0	Signs Type II Reflective F WISDOT SPV 637.2230	@	\$	21.40	\$0.00
51	0	Moving Signs Type II WISDOT SPV 638.2102	@	\$	100.00	\$0.00
52	55	Removing Signs Type II WISDOT SPV 638.2606	@	\$	16.00	\$880.00

53	33	Removing Small Sign Supports WISDOT SPV 638.3000	@	\$	16.00	\$528.00
54	274.4	Geotextile Fabric Type SAS WISDOT SPV 645.0140	@	\$	5.00	\$1,372.00
55	0.45	Traffic Control	@	\$	33,425.00	\$15,041.25
56	0	Pavement Marking Epoxy 4-Inch WISDOT SPV 646.0106	@	\$	1.20	\$0.00
57	0	Pavement Marking Epoxy 8-Inch WISDOT SPV 646.0126	@	\$	2.25	\$0.00
58	3,132	Removing Pavement Markings WISDOT SPV 646.0600	@	\$	1.00	\$3,132.00
59	0	Pavement Marking Grooved Wet Reflective Contrast Tape 4-Inch	@	\$	7.15	\$0.00
60	0	Pavement Marking Grooved Wet Reflective Contrast Tape 8-Inch	@	\$	11.80	\$0.00
61	0	Pavement Marking Arrows Epoxy Type 2 WISDOT SPV 647.0166	@	\$	200.00	\$0.00
62	0	Pavement Marking Words Epoxy WISDOT SPV 647.0356	@	\$	220.00	\$0.00
63	0	Pavement Marking Curb Epoxy WISDOT SPV 647.0456	@	\$	6.70	\$0.00
64	0	Pavement Marking Stop Line Epoxy 18-Inch WISDOT SPV 647.0566	@	\$	9.50	\$0.00
65	0	Pavement Marking Island Nose Epoxy WISDOT SPV 647.0606	@	\$	135.00	\$0.00
66	0	Pavement Marking Crosswalk Epoxy 6-Inch WISDOT SPV 647.0766	@	\$	6.45	\$0.00
67	0	Pavement Marking Crosswalk Epoxy 12-Inch WISDOT SPV 647.0776	@	\$	7.65	\$0.00
68	6	Removing Pavement Markings Arrows WISDOT SPV 647.0776	@	\$	100.00	\$600.00
69	8	Removing Pavement Markings Words WISDOT SPV 647.0965	@	\$	100.00	\$800.00
70	4,160	Temporary Pavement Marking Removable Tape 4-Inch	@	\$	1.00	\$4,160.00
71	0	Temporary Pavement Marking Removable Tape 6-Inch	@	\$	2.00	\$0.00
72	187	Sawing Pavement	@	\$	1.72	\$321.64
73	0	Moving Flasher Assembly	@	\$	550.00	\$0.00
74	0	Adjusting Water Valve Boxes	@	\$	100.00	\$0.00
75	0	Adjusting Hydrant and Valve	@	\$	2,900.00	\$0.00
76	1	1-1/4-Inch Water Service Lateral	@	\$	2,700.00	\$2,700.00
77	0	Relocate 12-Inch Water Main, SPV.0090.01	@	\$	215.00	\$0.00
78	14	Relocate 8-Inch Water Main, SPV.0090.02	@	\$	160.00	\$2,240.00
79	24.44	Insulation Board, Polystyrene 2-Inch WISDOT SPV 612.0902.S	@	\$	20.00	\$488.89
80	0	Adjusting Sanitary Manholes	@	\$	500.00	\$0.00
81	0	8-Inch PVC Sanitary Sewer	@	\$	41.00	\$0.00
82	0	Internal Manhole Sealing System	@	\$	360.00	\$0.00
83	0	Televising Storm and Sanitary Sewer	@	\$	1.85	\$0.00
84	0	Televise Sanitary Lateral	@	\$	290.00	\$0.00

85	105.2	12-inch Reinforced Concrete Pipe Storm Sewer Class V	@	\$ 57.00	\$5,996.40
86	74.4	15-inch Reinforced Concrete Pipe Storm Sewer, Class V	@	\$ 69.00	\$5,133.60
87	50.7	18-inch Reinforced Concrete Pipe Storm Sewer, Class III	@	\$ 66.00	\$3,346.20
88	40	21-inch Reinforced Concrete Pipe Storm Sewer, Class V	@	\$ 65.00	\$2,600.00
89	350.9	24-inch Reinforced Concrete Pipe Storm Sewer, Class III	@	\$ 76.00	\$26,668.40
90	1,471.5	42-inch Reinforced Concrete Pipe Storm Sewer, Class V	@	\$ 218.00	\$320,787.00
91	80	48-inch Reinforced Concrete Pipe Storm Sewer, Class III	@	\$ 125.00	\$10,000.00
92	0	4-foot by 8-foot Box Storm Sewer (RC)	@	\$ 530.00	\$0.00
93	0	4-foot by 12-foot Box Storm Sewer (RC)	@	\$ 865.00	\$0.00
94	0	5-foot by 12-foot Box Storm Sewer (RC)	@	\$ 900.00	\$0.00
95	1	42-inch Apron End Section, Reinforced Concrete	@	\$ 3,000.00	\$3,000.00
96	0	4-foot by 12-foot End Section, Reinforced Concrete	@	\$ 8,500.00	\$0.00
97	0	Extra Heavy RipRap w/ Fabric	@	\$ 70.00	\$0.00
98	85.6	Catch Basins 2X3-FT. Precast Storm Sewer Catch Basins.	@	\$ 185.00	\$15,836.00
99	0	Catch Basins 2.5X6-FT. Precast Storm Sewer Catch Basins.	@	\$ 360.00	\$0.00
100	38.2	Catch Basins 6-FT Diameter. Precast Storm Sewer Catch Basin	@	\$ 320.00	\$12,224.00
101	8	Catch Basins 7-FT Diameter. Precast Storm Sewer Catch Basin	@	\$ 500.00	\$4,000.00
102	5.5	Manholes 4-FT Diameter. Precast Storm Sewer Manholes	@	\$ 205.00	\$1,127.50
103	43.3	Manholes 6-FT Diameter. Precast Storm Sewer Manholes	@	\$ 370.00	\$16,021.00
104	13.0	Manholes 7-FT Diameter. Precast Storm Sewer Manholes	@	\$ 515.00	\$6,695.00
105	18.9	Manholes 8-FT Diameter. Precast Storm Sewer Manholes	@	\$ 630.00	\$11,907.00
106	0	Manholes Structure 41	@	\$ 40,000.00	\$0.00
107	0	Manholes Structure 42	@	\$ 47,000.00	\$0.00
108	1	Manholes Structure 4	@	\$ 85,000.00	\$85,000.00
109	0	Manholes Diversion Structure 8	@	\$ 135,000.00	\$0.00
110	0	Manholes/Inlets Inline	@	\$ 1,250.00	\$0.00
111	0	Casting Type H	@	\$ 560.00	\$0.00
112	0	Casting R-3293-2	@	\$ 1,750.00	\$0.00
113	0	Casting Type J	@	\$ 415.00	\$0.00
114	0	Casting "City"	@	\$ 580.00	\$0.00
115	0.45	Erosion control in Meadowbrook Park, including installation, maintenance, and	@	\$ 5,095.00	\$2,292.75
116	0	Vegetated Mechanically Stabilized Earth	@	\$ 39.70	\$0.00
117	0	6-Inch Perforated PVC underdrain	@	\$ 8.70	\$0.00
118	0	6-Inch Flared End Section, PVC	@	\$ 100.00	\$0.00

119	0	6-inch Clean Out, PVC	@	\$	200.00	\$0.00
120	210	12-Inch PVC Storm Sewer	@	\$	30.00	\$6,300.00
121	1	12-Inch Flared End Section, PVC	@	\$	160.00	\$160.00
122	0	Manhole 4-FT Diameter, Precast Storm Sewer Manholes	@	\$	250.00	\$0.00
123	1	Riprap Outlet Protection	@	\$	1,200.00	\$1,200.00
124	0	Pyramat Overflow Weir	@	\$	2,645.00	\$0.00
125	0	Engineered Soil Media	@	\$	31.30	\$0.00
126	0.45	Biofiltration Earthwork	@	\$	140,000.00	\$63,000.00
		Earthwork				
127	0	Coconut Erosion Control Blanket	@	\$	1.60	\$0.00
128	0	Detention Basin Seed Mix	@	\$	0.12	\$0.00
129	0	Manicured Turf Seed Mix	@	\$	0.09	\$0.00
130	0	Tall Prairie Seed Mix	@	\$	0.10	\$0.00
131	0	Allium cernuum (Nodding Pink Onion), Plant	@	\$	5.80	\$0.00
132	0	Asclepias incarnata (Red Milkweed), Plant Plug	@	\$	5.80	\$0.00
133	0	Aster novae-angliae (New England Aster), Plant Plug	@	\$	5.80	\$0.00
134	0	Cacalia atriplicifolia (Pale Indian Plantain), Plant Plug	@	\$	5.80	\$0.00
135	0	Eupatorium maculatum (Joe Pye Weed), Plant Plug	@	\$	5.80	\$0.00
136	0	Eupatorium perfoliatum (Boneset), Plant Plug	@	\$	5.80	\$0.00
137	0	Helenium autumnale (Dogtooth Daisy), Plant Plug	@	\$	5.80	\$0.00
138	0	Heliopsis helianthoides (Ox Eye Sunflower), Plant Plug	@	\$	5.80	\$0.00
139	0	Iris versicolor (Blue Flag Iris), Plant Plug	@	\$	5.80	\$0.00
140	0	Liatris pycnostachya (Prairie Blazingstar), Plant Plug	@	\$	5.80	\$0.00
141	0	Liatris spicata (Dense Blazingstar), Plant Plug	@	\$	5.80	\$0.00
142	0	Monarda fistulosa (Bergamot), Plant Plug	@	\$	5.80	\$0.00
143	0	Ratibida pinnata (Yellow Coneflower), Plant Plug	@	\$	5.80	\$0.00
144	0	Rudbeckia hirta (Black Eyed Susan), Plant Plug	@	\$	5.80	\$0.00
145	0	Rudbeckia subtomentosa (Sweet Black Eyed Susan), Plant Plug	@	\$	5.80	\$0.00
146	0	Rudbeckia triloba (Brown Eyed Susan), Plant Plug	@	\$	5.80	\$0.00
147	0	Silphium perfoliatum (Cupplant), Plant Plug	@	\$	5.80	\$0.00
148	0	Silphium terebinthinaceum (Prairie Dock), Plant Plug	@	\$	5.80	\$0.00
149	0	Solidago ohioensis (Ohio Goldenrod), Plant Plug	@	\$	5.80	\$0.00
150	0	Solidago rigida (Stiff Goldenrod), Plant Plug	@	\$	5.80	\$0.00
151	0	Verbena hastata (Blue Vervain), Plant Plug	@	\$	5.80	\$0.00
152	0	Vernonia fasciculata (Ironweed), Plant Plug	@	\$	5.80	\$0.00
153	0	Zizia aurea (Golden Alexanders), Plant Plug	@	\$	5.80	\$0.00
154	0	Cassia hebecarpa (Wild Senna), Plant Plug	@	\$	5.80	\$0.00
155	0	Desmodium canadense (Canada Tick Trefoil), Plant Plug	@	\$	5.80	\$0.00

156	0	Andropogon gerardi (Big Bluestem), Plant Plug	@	\$	5.80	\$0.00
157	0	Carex comosa (Bottlebrush Sedge), Plant Plug	@	\$	5.80	\$0.00
158	0	Carex hystericina (Porcupine Sedge), Plant Plug	@	\$	5.80	\$0.00
159	0	Carex scoparia (Lance Fruited Oval Sedge), Plant Plug	@	\$	5.80	\$0.00
160	0	Carex stipata (Awl Fruited Sedge), Plant Plug	@	\$	5.80	\$0.00
161	0	Carex vulpinoidea (Fox Sedge), Plant Plug	@	\$	5.80	\$0.00
162	0	Elymus canadensis (Canada Wild Rye), Plant Plug	@	\$	5.80	\$0.00
163	0	Elymus virginicus (Virginia Wild Rye), Plant Plug	@	\$	5.80	\$0.00
164	0	Panicum virgatum (Switchgrass), Plant Plug	@	\$	5.80	\$0.00
165	0	Scirpus atrovirens (Dark Green Bulrush), Plant Plug	@	\$	5.80	\$0.00
166	0	Sorghastrum nutans (Indiangrass), Plant Plug	@	\$	5.80	\$0.00
167	0	Spartina pectinata (Prarie Cordgrass), Plant Plug	@	\$	5.80	\$0.00
168	0	Cornus sericea (Red Osier Dogwood), Live Whip	@	\$	9.70	\$0.00
169	0	Salix discolor (Pussy Willow), Live Whip	@	\$	9.70	\$0.00
170	0	Bio-Filtration Basin Landscaping Maintenance	@	\$	9,250.00	\$0.00
171	0	Concrete Bases Type 7 WISDOT SPV 654.0107	@	\$	1,200.00	\$0.00
172	0	Luminares Utility 21 Count LED 75 Watt Type III. WISDOT SPV.0060.71	@	\$	675.00	\$0.00
173	0	Transformer Break Away Base 13-15 Bolt Circle, WISDOT SPV 657.0205	@	\$	340.00	\$0.00
174	0	Poles Type 7 Aluminum WISDOT SPV 657.0330	@	\$	1,860.00	\$0.00
175	0	Luminaire Arms Single Member 6-Inch Clamp 8-FT	@	\$	190.00	\$0.00
176	0	Electric Service Main Lugs Only Meter Pedestal WISDOT SPV 656.0400	@	\$	1,500.00	\$0.00
177	0	Lighting Control Cabinet, WISDOT SPV.0060.70	@	\$	5,500.00	\$0.00
178	0	Concrete Control Cabinet Base Type L3 WISDOT SPV 654.0230	@	\$	1,200.00	\$0.00
179	0	Conduit HDPE 1-Duct 2-Inch WISDOT SPV 657.0112	@	\$	5.50	\$0.00
180	0	Electrical Wire Lighting 10 AWG WISDOT SPV 655.0615	@	\$	0.70	\$0.00
181	0	Electrical Wire Lighting 6 AWG WISDOT SPV 655.0625	@	\$	0.95	\$0.00
182	0	Electrical Wire Lighting 4 AWG WISDOT SPV 655.0630	@	\$	1.16	\$0.00
183	0	Pull Boxes Steel 24X36-Inch, WISDOT SPV 653.0135	@	\$	780.00	\$0.00
184	0	Conduit Rigid Nonmetallic Schedule 40 2-Inch	@	\$	5.00	\$0.00
185	0	Conduit Rigid Nonmetallic Schedule 40 3-Inch	@	\$	6.00	\$0.00
186	0	Conduit Special 3-Inch WISDOT SPV 652.0615	@	\$	25.00	\$0.00

187	0	Conduit Loop Detector WISDOT SPV 652.0800	@	\$ 4.50	\$0.00
188	0	Pull Boxes Steel 24X42-Inch WISDOT SPV 653.0140	@	\$ 800.00	\$0.00
189	0	Concrete Bases Type 1 WISDOT SPV 654.0.01	@	\$ 600.00	\$0.00
190	0	Concrete Bases Type 5 WISDOT SPV 654.0105	@	\$ 625.00	\$0.00
191	0	Concrete Bases Type 10, WISDOT SPV.0060.01	@	\$ 3,500.00	\$0.00
192	0	Concrete Bases Type 13, WISDOT-SPV.0060.02	@	\$ 7,500.00	\$0.00
193	0	Concrete Control Cabinet Bases , Type 9 Special, WISDOT 654.0217	@	\$ 1,200.00	\$0.00
194	0	Cable Traffic Signal 5-14 AWG WISDOT SPV 655.0230	@	\$ 0.85	\$0.00
195	0	Cable Traffic Signal 7-14 AWG WISDOT SPV 655.0240	@	\$ 0.96	\$0.00
196	0	Cable Traffic Signal 12-14 AWG WISDOT SPV 655.0260	@	\$ 1.32	\$0.00
197	0	Cable Type UF 2-10 AWG Grounded WISDOT SPV 655.0320	@	\$ 1.25	\$0.00
198	0	Electrical Wire Traffic Signals 10 AWG WISDOT SPV 655.0515	@	\$ 0.70	\$0.00
199	0	Loop Detector Lead In Cable WISDOT SPV 655.0700	@	\$ 1.25	\$0.00
200	0	Loop Detector Wire WISDOT SPV 655.0800	@	\$ 0.60	\$0.00
201	0	Electrical Service Meter Breaker Pedestal Meadowbrook Rd	@	\$ 1,500.00	\$0.00
202	0	Pedestal Bases WISDOT SPV 657.0100	@	\$ 155.00	\$0.00
203	0	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	@	\$ 320.00	\$0.00
204	0	Poles Type 5 - Aluminum WISDOT SPV 657.0322	@	\$ 1,110.00	\$0.00
205	0	Traffic Signal Standards Aluminum 3.5-FT	@	\$ 210.00	\$0.00
206	0	Traffic Signal Standards Aluminum 15-FT	@	\$ 425.00	\$0.00
207	0	Traffic Signal Standards Aluminum 10-FT	@	\$ 400.00	\$0.00
208	0	Luminaire Arms Single Member 4 1/2-Inch Clamp 6-FT	@	\$ 165.00	\$0.00
209	0	Poles Type 10, WISDOT SPV.0060.04	@	\$ 5,000.00	\$0.00
210	0	Poles Type 12, WISDOT SPV.0060.05	@	\$ 9,250.00	\$0.00
211	0	Monotube Arms 20-FT, WISDOT SPV.0060.06	@	\$ 2,190.00	\$0.00
212	0	Monotube Arms 25-FT, WISDOT SPV.0060.07	@	\$ 2,400.00	\$0.00
213	0	Monotube Arms 40-FT, WISDOT SPV.0060.08	@	\$ 5,200.00	\$0.00

214	0	Monotube Arms 45-FT, WISDOT SPV.0060.09	@	\$	5,275.00	\$0.00
215	0	Luminaire Arms Steel 15-FT, WISDOT SPV.0060.03	@	\$	430.00	\$0.00
216	0	Traffic Signal Face 3-12 Inch Vertical WISDOT SPV 658.0110	@	\$	305.00	\$0.00
217	0	Traffic Signal Face 4-12 Inch Vertical WISDOT SPV 658.0115	@	\$	360.00	\$0.00
218	0	Backplates Signal Face 3 Section 12-Inch, WISDOT SPV 658.0125	@	\$	55.00	\$0.00
219	0	Backplates Signal Face 4 Section 12-Inch, WISDOT SPV 658.0220	@	\$	60.00	\$0.00
220	0	Pedestrian Push Buttons WISDOT SPV 658.0500	@	\$	250.00	\$0.00
221	0	LED Modules 12-Inch Red Ball WISDOT SPV 658.0600	@	\$	57.00	\$0.00
222	0	LED Modules 12-Inch Yellow Ball WISDOT SPV 658.0605	@	\$	58.00	\$0.00
223	0	LED Modules 12-Inch Green Ball WISDOT SPV 658.0610	@	\$	59.00	\$0.00
224	0	LED Modules 12-Inch Red Arrow WISDOT SPV 658.0615	@	\$	57.00	\$0.00
225	0	LED Modules 12-Inch Yellow Arrow WISDOT SPV 658.0620	@	\$	58.00	\$0.00
226	0	LED Modules 12-Inch Green Arrow WISDOT SPV 658.0625	@	\$	59.00	\$0.00
227	0	LED Modules Pedestrian Countdown Timer 16- Inch	@	\$	150.00	\$0.00
228	0	Signal Mounting Hardware Meadowbrook at Rolling Ridge	@	\$	1,600.00	\$0.00
229	0	Luminaires Utility LED C WISDOT SPV 659.1125	@	\$	425.00	\$0.00
230	0.45	Temporary Traffic Signals for Intersections Meadowbrook at Rolling Ridge	@	\$	22,500.00	\$10,125.00
231	0	Traffic Signal Controller and Cabinet 8-Phase Fully Actuated,	@	\$	17,900.00	\$0.00
232	0	Emergency Vehicle Preemption System Meadowbrook at Rolling Ridge, WISDOT	@	\$	7,300.00	\$0.00
233	0.45	Temporary Non-Intrusive Vehicle Detection System Meadowbrook at Rolling Ridge,	@	\$	7,580.00	\$3,411.00
234	1	Remove Traffic Signals and Street Lighting, WISDOT SPV.0105.03	@	\$	3,500.00	\$3,500.00
235	0	Section Corner Monuments Special SPV.0060.10	@	\$	1,000.00	\$0.00
236	0	HMA Pavement 3 MT 58-28 S WISDOT SPV 460.6223	@	\$	62.80	\$0.00
237	0	HMA Pavement 5 MT 58-28 S WISDOT SPV 460.6225	@	\$	74.40	\$0.00
Subtotal						\$864,835.98
Less Retainage						\$43,241.80
Subtotal						\$821,594.18
Less Amount Previously Paid						\$590,348.45
Total Amount Due						\$231,245.73

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$231,245.73 be allowed.

Respectfully Submitted,

A handwritten signature in cursive script that reads "Fred V. Abadi".

Fred V. Abadi, PhD., P.E.
Director of Public Works

Robin/Excel/Partials/Grand & South Improvements-3984