

October 6, 2016

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 4 to Super Western, Inc., N59 W14601 Bobolink Ave., Menomonee Falls, WI 53051 for STH 59 Les Paul Parkway And East Sunset Drive Intersection Improvements - **REBID** HMA.

Contract No. 3945

5/3/2016

1,786,465.50 (Amended \$1,947,721.07)

Item No	Quantity	Description		Cost	Per Unit	Amount
1	0.3	Traffic Control	@	\$ 85,050.00	L. S.	\$25,515.00
2	0	Clearing and Grubbing	@	\$ 1,000.00	L. S.	\$0.00
3	4,015	Silt Fence	@	\$ 1.20	Lin. Ft.	\$4,818.00
4	0	Inlet Protection	@	\$ 45.00	Each	\$0.00
5	0	Culvert Pipe Checks	@	\$ 75.00	Each	\$0.00
6	0	Rock Bags	@	\$ 6.00	Each	\$0.00
7	0	Cu. Yd. of Riprap Light	@	\$ 55.25	Cu. Yd.	\$0.00
8	0	Cu. Yd. of Riprap Medium	@	\$ 53.70	Cu. Yd.	\$0.00
9	0	Temporary Ditch Checks	@	\$ 100.00	Each	\$0.00
10	0	Sq. Yd. of Erosion Mat	@	\$ 1.35	Sq. Yd.	\$0.00
11	2,504	Lin. Ft. of Pavement Saw Cutting	@	\$ 1.75	Lin. Ft.	\$4,382.00
12	6,928	Sq. Yd. of Roadway Pavement Removal	@	\$ 2.35	Sq. Yd.	\$16,280.80
13	32	Sq. Yd. of Walk, Approach, and Driveway Pavement Removal	@	\$ 1.75	Sq. Yd.	\$56.00
14	5	Lin. Ft. of Concrete Curb & Gutter Removal	@	\$ 5.25	Lin. Ft.	\$26.25
15	0.50	Roadway Excavation	@	\$ 91,000.00	L. S.	\$45,500.00
16	0	Cu. Yd. of Slurry Backfill	@	\$ 66.00	Cu. Yd.	\$0.00
17	1,191.39	Tons of Excavation Below Subgrade (EBS)	@	\$ 18.85	Ton	\$22,457.70
18	437	Sq. Yd. of Geo-Grid Reinforcement	@	\$ 3.79	Sq. Yd.	\$1,656.23
19	0	Sq. Yd. of SAS Geotextile Fabric	@	\$ 3.00	Sq. Yd.	\$0.00
20	0	Tons of Base Aggregate 3/4-Inch Dense	@	\$ 15.38	Ton	\$0.00
21	5,247.99	Tons of Base Aggregate 1 1/4-Inch Dense	@	\$ 13.04	Ton	\$68,433.79
22	0	Fine Grading	@	\$ 17,441.00	L. S.	\$0.00
23	193.75	Tons of Asphaltic Surface Temporary	@	\$ 59.00	Ton	\$11,431.25
24	0	Sq. Yd. of 4-Inch HMA Pavement	@	\$ 25.00	Sq. Yd.	\$0.00
25	0	Tons HMA Pavement, Type E-3, 19.0mm, PG 64-28	@	\$ 47.70	Ton	\$0.00
26	0	Tons HMA Pavement, Type E-3, 12.5mm, PG 64-28	@	\$ 53.10	Ton	\$0.00
27	0	Tons HMA Pavement, Type E-3, 9.5mm, PG 64-28	@	\$ 55.90	Ton	\$0.00

28	0	Lin. Ft. of 18-Inch Concrete Curb and Gutter - Medians	@	\$ 16.00	Lin. Ft.	\$0.00
29	0	Lin. Ft. of 30-Inch Concrete Curb and Gutter	@	\$ 17.00	Lin. Ft.	\$0.00
30	0	Lin. Ft. of 66-Inch Concrete Integral Curb and Gutter	@	\$ 25.00	Lin. Ft.	\$0.00
31	0	Sq. Ft. of Concrete Corrugated Median	@	\$ 10.00	Sq. Ft.	\$0.00
32	0	Sq. Ft. of Concrete Median Sloped Nose	@	\$ 10.00	Sq. Ft.	\$0.00
33	0	Sq. Ft. of Stamped Colored Concrete	@	\$ 10.00	Sq. Ft.	\$0.00
34	0	High Early Strength (HES) Concrete	@	\$ 20.00	Bag	\$0.00
35	0	Sq. Ft. of 6-Inch Concrete Sidewalk and Driveway Approach	@	\$ 4.50	Sq. Ft.	\$0.00
36	0	Sq. Ft. of 4-Inch Concrete Sidewalk and Curb Ramps	@	\$ 4.00	Sq. Ft.	\$0.00
37	0	Sq. Ft. of Detectable Warning Field	@	\$ 33.00	Sq. Ft.	\$0.00
38	0	Sanitary Sewer Pre-Paving Televising	@	\$ 5.00	Lin. Ft.	\$0.00
39	0	Sanitary Lateral Pre-Paving Televising	@	\$ 325.00	Each	\$0.00
40	0	Chimney Seals	@	\$ 450.00	Each	\$0.00
41	0	Sanitary Manhole Chimney Replacement	@	\$ 1,700.00	Each	\$0.00
42	180	Lin. Ft. of 12-Inch RCP Storm Sewer	@	\$ 48.00	Lin. Ft.	\$8,640.00
43	38	Lin. Ft. of 15-Inch RCP Storm Sewer	@	\$ 50.00	Lin. Ft.	\$1,900.00
44	116	Lin. Ft. of 18-Inch RCP Storm Sewer	@	\$ 62.00	Lin. Ft.	\$7,192.00
45	295	Lin. Ft. of 24-Inch RCP Storm Sewer	@	\$ 73.00	Lin. Ft.	\$21,535.00
46	442	Lin. Ft. of 30-Inch RCP Storm Sewer	@	\$ 95.00	Lin. Ft.	\$41,990.00
47	0	Lin. Ft. 18-Inch CMP Culvert	@	\$ 34.00	Lin. Ft.	\$0.00
48	0	Lin. Ft. 24-Inch CMP Culvert	@	\$ 36.00	Lin. Ft.	\$0.00
49	0	Lin. Ft. of 36-Inch RCP Culvert	@	\$ 114.00	Lin. Ft.	\$0.00
50	1	18-Inch RCP Apron Endwall	@	\$ 685.00	Each	\$685.00
51	2	24-Inch RCP Apron Endwall	@	\$ 814.00	Each	\$1,628.00
52	1	30-Inch RCP Apron Endwall	@	\$ 946.00	Each	\$946.00
53	0	18-Inch CMP Apron Endwall	@	\$ 206.97	Each	\$0.00
54	0	24-Inch CMP Apron Endwall	@	\$ 269.00	Each	\$0.00
55	0	36-Inch RCP Apron Endwall (Culvert)	@	\$ 493.47	Each	\$0.00
56	3	4-FT Diameter Manhole	@	\$ 2,274.00	Each	\$6,822.00
57	1	5-FT Diameter Manhole	@	\$ 3,062.00	Each	\$3,062.00
58	2	6-FT Diameter Manhole	@	\$ 4,197.00	Each	\$8,394.00
59	2	2-FT X 2-FT Area Inlet	@	\$ 1,551.00	Each	\$3,102.00
60	3	2-FT X 3-FT Catch Basin	@	\$ 2,089.00	Each	\$6,267.00
61	0	4-FT Diameter Catch Basin	@	\$ 2,341.00	Each	\$0.00
62	0	5-FT Diameter Catch Basin	@	\$ 3,179.00	Each	\$0.00
63	0	Lin. Ft. of 8-Inch PVC Storm Sewer	@	\$ 59.00	Lin. Ft.	\$0.00
64	0	Lin. Ft. of 15-Inch PVC Storm Sewer	@	\$ 59.00	Lin. Ft.	\$0.00
65	0	Storm Sewer Televising	@	\$ 5.00	Lin. Ft.	\$0.00
66	0	Miscellaneous Grading of Old Sunset Drive ROW	@	\$ 6,860.00	L. S.	\$0.00
67	0	Lin. Ft. of Pavement Marking, Epoxy, 4-Inch, White	@	\$ 0.37	Lin. Ft.	\$0.00
68	0	Lin. Ft. of Pavement Marking, Epoxy, 8-Inch, White	@	\$ 0.80	Lin. Ft.	\$0.00

69	0	Lin. Ft. of Pavement Marking, Epoxy, Crosswalk, 6-Inch, White	@	\$ 6.20	Lin. Ft.	\$0.00
70	0	Lin. Ft. of Pavement Marking, Epoxy, Stop Line, 18-Inch, White	@	\$ 7.75	Lin. Ft.	\$0.00
71	0	Pavement Marking, Epoxy Turn Arrow, White	@	\$ 145.00	Each	\$0.00
72	0	Pavement Marking, Epoxy, Through Arrow, White	@	\$ 135.00	Each	\$0.00
73	0	Pavement Marking, Epoxy, Turn & Through Arrow, White	@	\$ 235.00	Each	\$0.00
74	0	Pavement Marking, Epoxy, Words "Only", White	@	\$ 175.00	Each	\$0.00
75	0	Pavement Marking, Epoxy, Bike Lane Symbol, White	@	\$ 110.00	Each	\$0.00
76	0	Pavement Marking, Epoxy, Bike Lane Arrow, White	@	\$ 110.00	Each	\$0.00
77	0	Lin. Ft. of Pavement Marking, Epoxy, 4-Inch, Yellow	@	\$ 0.37	Lin. Ft.	\$0.00
78	0	Lin. Ft. of Pavement Marking, Epoxy, Diagonal, 12-Inch, Yellow	@	\$ 4.75	Lin. Ft.	\$0.00
79	0	Sq. Ft. Pavement Marking, Epoxy, Island Nose, Yellow	@	\$ 125.00	Each	\$0.00
80	0	Sq. Ft. Pavement Marking, Epoxy, Corrugated Median, Yellow	@	\$ 4.75	Sq. Ft.	\$0.00
81	1,090	Lin. Ft. of Nonmetallic Conduit, Street Lighting, Polyethylene Duct, 2-Inch	@	\$ 5.98	Lin. Ft.	\$6,518.20
82	0	Street Light Pull Boxes, 15 x 30-Inch	@	\$ 622.76	Each	\$0.00
83	0	Street Light Pull Boxes, 24 x 36-Inch	@	\$ 813.23	Each	\$0.00
84	0	Standard Lighting Unit, Single	@	\$ 550.48	Each	\$0.00
85	0	Standard Lighting Unit, Twin	@	\$ 672.77	Each	\$0.00
86	0	Lin. Ft. of Electrical Wire 4AWG	@	\$ 1.13	Lin. Ft.	\$0.00
87	0	Lin. Ft. of Electrical Wire 6AWG	@	\$ 0.77	Lin. Ft.	\$0.00
88	0	Sq. Yd. of Topsoil	@	\$ 4.27	Sq. Yd.	\$0.00
89	0	Sq. Yd. of Sod	@	\$ 5.00	Sq. Yd.	\$0.00
90	0	Sq. Yd. Seed Mixture No. 10	@	\$ 0.35	Sq. Yd.	\$0.00
91	0	Sq. Yd. Seed Mixture No. 30	@	\$ 0.38	Sq. Yd.	\$0.00
92	0	Street Light Concrete Bases	@	\$ 808.47	Each	\$0.00
REMOVAL ITEMS						
204.0100	361	Sq. Yd. of Removing Pavement	@	\$ 3.14	Sq.Yd.	\$1,133.54
204.0110	33	Sq. Yd. of Removing Asphaltic Surface	@	\$ 1.49	Sq.Yd.	\$49.17
204.0150	724.8	Lin. Ft. of Removing Curb and Gutter	@	\$ 2.10	Lin. Ft.	\$1,522.08
204.0155	68.7	Sq. Yd. of Removing Concrete Sidewalk	@	\$ 9.99	Sq.Yd.	\$686.31
ROADWAY ITEMS						
205.0100	275	Cub. Yd. of Excavation	@	\$ 8.14	Cub. Yd.	\$2,238.50
305.0120	61.52	Ton of Base Aggregate Dense 1-1/4-Inch	@	\$ 14.05	Ton	\$864.36
310.0110	374.96	Ton of Base Aggregate Open Graded	@	\$ 15.80	Ton	\$5,924.37
612.0404	364	Lin. Ft. of Pipe Underdrain Wrapped 4-Inch	@	\$ 4.41	Lin. Ft.	\$1,605.24
645.0140	499	Sq. Yd. of Geotextile Fabric Type SAS	@	\$ 4.49	Sq. Yd.	\$2,240.51
CONCRETE ITEMS						
415.0090	0	Sq. Yd. of Concrete Pavement 9-Inch (Doweled)	@	\$ 38.00	Sq. Yd.	\$0.00

416.0170	0	Sq. Yd. of Concrete Driveway 7-Inch	@	\$ 35.00	Sq. Yd.	\$0.00
601.0409	0	Lin. Ft. of Concrete Curb and Gutter 30-Inch Type A	@	\$ 17.00	Lin. Ft.	\$0.00
602.0410	0	Sq. Ft. of Concrete Sidewalk 5-Inch	@	\$ 4.25	Sq. Ft.	\$0.00
603.0420	0	Sq. Ft. of Concrete Sidewalk 7-Inch	@	\$ 5.00	Sq. Ft.	\$0.00
690.0250	0	Lin. Ft. of Sawing Concrete	@	\$ 1.75	Lin. Ft.	\$0.00
ASPHALT ITEMS						
455.0105	0	Ton of Asphaltic Material PG58-28	@	\$ 50.00	Ton	\$0.00
455.0605	0	Gal. of Tack Coat	@	\$ 5.00	Gal.	\$0.00
460.1103	0	Ton of HMA Pavement Type E-3	@	\$ 85.00	Ton	\$0.00
690.0150	0	Lin. Ft. of Sawing Asphalt	@	\$ 1.00	Lin. Ft.	\$0.00
STORM SEWER STRUCTURE ITEMS						
204.0220	1	Each of Removing Inlets	@	\$ 350.00	Each	\$350.00
611.0530	1	Each of Manhole Covers Type J	@	\$ 410.00	Each	\$410.00
611.0612	1	Each of Inlet Covers Type C	@	\$ 410.00	Each	\$410.00
611.0660	3	Each of Inlet Covers Type WM	@	\$ 410.00	Each	\$1,230.00
611.8110	1	Each of Adjusting Manhole Covers	@	\$ 350.00	Each	\$350.00
611.8115	1	Each of Adjusting Inlet Covers	@	\$ 350.00	Each	\$350.00
SPV.0090.01	0	Each of Adjusting Water Valve	@	\$ 150.00	Each	\$0.00
STORM SEWER PIPE ITEMS						
209.0100	10	Cub. Yd. of Granular Backfill	@	\$ 26.00	Cub. Yd.	\$260.00
608.0312	42.5	Lin. Ft. of Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	@	\$ 66.00	Lin. Ft.	\$2,805.00
609.0318	10	Lin. Ft. of Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	@	\$ 102.00	Lin. Ft.	\$1,020.00
EROSION CONTROL ITEMS						
625.0100	0	Sq. Yd. of Topsoil	@	\$ 4.27	Sq. Yd.	\$0.00
628.1504	0	Lin. Ft. of Silt Fence	@	\$ 1.20	Lin. Ft.	\$0.00
628.7015	0	Each of Inlet Protection Type C	@	\$ 45.00	Each	\$0.00
630.0140	0	Lb. of Seeding Moisture No. 40	@	\$ 5.50	Lb.	\$0.00
TRAFFIC CONTROL STAGE 1 ITEMS						
643.0300	0	Each of Traffic Control Drums	@	\$ 18.00	Each	\$0.00
643.0420	0	Each of Traffic Control Type III Barricades	@	\$ 37.50	Each	\$0.00
643.0800	0	Each of Traffic Control Arrow Boards	@	\$ 900.00	Each	\$0.00
643.0900	0	Days of Traffic Control Signs	@	\$ 30.00	Day	\$0.00
643.1050	0	Each of Traffic Control Signs PCMS	@	\$ 1,350.00	Each	\$0.00
646.0600	0	Lin. Ft. of Removing Pavement Markings	@	\$ 0.90	Lin. Ft.	\$0.00
649.0400	0	Lin. Ft. of Temporary Pavement Marking Removable Tape 4-Inch (Yellow)	@	\$ 1.00	Lin. Ft.	\$0.00
649.0400	0	Lin. Ft. of Temporary Pavement Marking Removable Tape 4-Inch (White)	@	\$ 1.00	Lin. Ft.	\$0.00
TRAFFIC CONTROL STAGE 2 ITEMS						
643.0300	0	Each of Traffic Control Drums	@	\$ 18.00	Each	\$0.00
643.0420	0	Each of Traffic Control Type III Barricades	@	\$ 37.50	Each	\$0.00
643.0800	0	Each of Traffic Control Arrow Boards	@	\$ 900.00	Each	\$0.00
643.0900	0	Days of Traffic Control Signs	@	\$ 30.00	Day	\$0.00
643.1050	0	Each of Traffic Control Signs PCMS	@	\$ 1,375.00	Each	\$0.00
646.0600	0	Lin. Ft. of Removing Pavement Markings	@	\$ 0.90	Lin. Ft.	\$0.00

649.0400	0	Lin. Ft. of Temporary Pavement Marking Removable Tape 4-Inch (Yellow)	@	\$ 1.00	Lin. Ft.	\$0.00
649.0400	0	Lin. Ft. of Temporary Pavement Marking Removable Tape 4-Inch (White)	@	\$ 1.00	Lin. Ft.	\$0.00
PERMANENT SIGNING ITEMS						
637.2210	0	Sq. Ft. of Signs Type II Reflective H	@	\$ 18.75	Sq. Ft.	\$0.00
637.2230	0	Sq. Ft. of Signs Type II Reflective F	@	\$ 17.60	Sq. Ft.	\$0.00
638.2102	0	Each of Moving Signs Type II	@	\$ 150.00	Each	\$0.00
638.2602	0	Each of Removing Signs Type II	@	\$ 55.00	Each	\$0.00
638.3000	0	Each of Removing Small Signs Sup	@	\$ 25.00	Each	\$0.00
634.0618	0	Each of Wood Posts 4" X 6" X 18'	@	\$ 85.00	Each	\$0.00
634.0816	0	Each of Posts Tubular Steel 2" X 2" X 16'	@	\$ 65.00	Each	\$0.00
PAVEMENT MARKING ITEMS						
646.0106	0	Lin. Ft. of Pavement Marking Epoxy 4-Inch	@	\$ 0.50	Lin. Ft.	\$0.00
646.0126	0	Lin. Ft. of Pavement Marking Epoxy 8-Inch	@	\$ 1.00	Lin. Ft.	\$0.00
646.0600	0	Lin. Ft. of Removing Pavement Markings	@	\$ 0.75	Lin. Ft.	\$0.00
647.0766	0	Lin. Ft. of Pavement Marking Crosswalk Epoxy 6-Inch	@	\$ 6.25	Lin. Ft.	\$0.00
647.0156	0	Each of Pavement Marking Arrows Epoxy Type 1	@	\$ 150.00	Each	\$0.00
647.0166	0	Each of Pavement Marking Arrows Epoxy Type 2	@	\$ 185.00	Each	\$0.00
647.0356	0	Each of Pavement Marking Words Epoxy	@	\$ 190.00	Each	\$0.00
647.0456	0	Lin. Ft. of Pavement Marking Curb Epoxy	@	\$ 6.30	Lin. Ft.	\$0.00
647.0566	0	Lin. Ft. Pavement Marking Stop Line Epoxy 18-Inch	@	\$ 7.90	Lin. Ft.	\$0.00
647.0606	0	Each of Pavement Marking Island Nose Epoxy	@	\$ 125.00	Each	\$0.00
647.0726	0	Lin. Ft. Pavement Marking Stop Line Epoxy 12-Inch	@	\$ 1.45	Lin. Ft.	\$0.00
SPV.0090.01	0	Lin. Ft. of Removing Pavement Marking 6-Inch Epoxy	@	\$ 1.45	Lin. Ft.	\$0.00
Extra No. 1	1	Miscellaneous Road Work and Drainage	@	\$ 3,336.40	Lump Sum	\$3,336.40
Extra No. 2	1	Water Utility 12-Inch Watermain Relay	@	\$ 158,119.17	Lump Sum	\$158,119.17
Subtotal						\$504,142.87
Less Retainage						\$25,207.15
Total						\$478,935.72
Less Amount Previously Paid						\$280,019.74
Total Amount Due						\$198,915.98

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$198,915.98 be allowed.

Respectfully Submitted,


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