

February 23, 2017

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 8 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 \$1,976,423.66)

Item No	Quantity	Description	Cost	Per Unit	Amount
1	0.78	Traffic Control	@ \$ 85,050.00	L. S.	\$66,339.00
2	1	Clearing and Grubbing	@ \$ 1,000.00	L. S.	\$1,000.00
3	4,440	Silt Fence	@ \$ 1.20	Lin. Ft.	\$5,328.00
4	38	Inlet Protection	@ \$ 45.00	Each	\$1,710.00
5	0	Culvert Pipe Checks	@ \$ 75.00	Each	\$0.00
6	50	Rock Bags	@ \$ 6.00	Each	\$300.00
7	158.0	Cu. Yd. of Riprap Light	@ \$ 55.25	Cu. Yd.	\$8,729.50
8	206.39	Cu. Yd. of Riprap Medium	@ \$ 53.70	Cu. Yd.	\$11,083.14
9	20	Temporary Ditch Checks	@ \$ 100.00	Each	\$2,000.00
10	6,300	Sq. Yd. of Erosion Mat	@ \$ 1.35	Sq. Yd.	\$8,505.00
11	2,604	Lin. Ft. of Pavement Saw Cutting	@ \$ 1.75	Lin. Ft.	\$4,557.00
12	13,163	Sq. Yd. of Roadway Pavement Removal	@ \$ 2.35	Sq. Yd.	\$30,933.05
13	835	Sq. Yd. of Walk, Approach, and Driveway Pavement Removal	@ \$ 1.75	Sq. Yd.	\$1,461.25
14	1,641	Lin. Ft. of Concrete Curb & Gutter Removal	@ \$ 5.25	Lin. Ft.	\$8,615.25
15	1	Roadway Excavation	@ \$ 91,000.00	L. S.	\$91,000.00
16	0	Cu. Yd. of Slurry Backfill	@ \$ 66.00	Cu. Yd.	\$0.00
17	4,687.55	Tons of Excavation Below Subgrade (EBS)	@ \$ 18.85	Ton	\$88,360.32
18	2,014	Sq. Yd. of Geo-Grid Reinforcement	@ \$ 3.79	Sq. Yd.	\$7,633.06
19	19	Sq. Yd. of SAS Geotextile Fabric	@ \$ 3.00	Sq. Yd.	\$57.00
20	196.33	Tons of Base Aggregate 3/4-Inch Dense	@ \$ 15.38	Ton	\$3,019.56
21	17,002.2	Tons of Base Aggregate 1 1/4-Inch Dense	@ \$ 13.04	Ton	\$221,708.69
22	1	Fine Grading	@ \$ 17,441.00	L. S.	\$17,441.00
23	193.75	Tons of Asphaltic Surface Temporary	@ \$ 59.00	Ton	\$11,431.25
24	386.4	Sq. Yd. of 4-Inch HMA Pavement	@ \$ 25.00	Sq. Yd.	\$9,660.00
25	2,887.95	Tons HMA Pavement, Type E-3, 19.0mm, PG 64-28	@ \$ 47.70	Ton	\$137,755.22
26	1,912.28	Tons HMA Pavement, Type E-3, 12.5mm, PG 64-28	@ \$ 53.10	Ton	\$101,542.07
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	681.2	Lin. Ft. of 30-Inch Concrete Curb and Gutter	@	\$ 17.00	Lin. Ft.	\$11,580.40
30	2,943.6	Lin. Ft. of 66-Inch Concrete Integral Curb and Gutter	@	\$ 25.00	Lin. Ft.	\$73,590.00
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	1,804.7	Sq. Ft. of 6-Inch Concrete Sidewalk and Driveway Approach	@	\$ 4.50	Sq. Ft.	\$8,121.15
36	2,839.9	Sq. Ft. of 4-Inch Concrete Sidewalk and Curb Ramps	@	\$ 4.00	Sq. Ft.	\$11,359.60
37	56	Sq. Ft. of Detectable Warning Field	@	\$ 33.00	Sq. Ft.	\$1,848.00
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	561.9	Lin. Ft. of 12-Inch RCP Storm Sewer	@	\$ 48.00	Lin. Ft.	\$26,971.20
43	423.9	Lin. Ft. of 15-Inch RCP Storm Sewer	@	\$ 50.00	Lin. Ft.	\$21,195.00
44	249.6	Lin. Ft. of 18-Inch RCP Storm Sewer	@	\$ 62.00	Lin. Ft.	\$15,475.20
45	442.7	Lin. Ft. of 24-Inch RCP Storm Sewer	@	\$ 73.00	Lin. Ft.	\$32,317.10
46	447.8	Lin. Ft. of 30-Inch RCP Storm Sewer	@	\$ 95.00	Lin. Ft.	\$42,541.00
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	144.7	Lin. Ft. of 36-Inch RCP Culvert	@	\$ 114.00	Lin. Ft.	\$16,495.80
50	2	18-Inch RCP Apron Endwall	@	\$ 685.00	Each	\$1,370.00
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	2	36-Inch RCP Apron Endwall (Culvert)	@	\$ 493.47	Each	\$986.94
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	17	2-FT X 3-FT Catch Basin	@	\$ 2,089.00	Each	\$35,513.00
61	2	4-FT Diameter Catch Basin	@	\$ 2,341.00	Each	\$4,682.00
62	2	5-FT Diameter Catch Basin	@	\$ 3,179.00	Each	\$6,358.00
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	356.25	Storm Sewer Televising	@	\$ 5.00	Lin. Ft.	\$1,781.25
66	0.75	Miscellaneous Grading of Old Sunset Drive ROW	@	\$ 6,860.00	L. S.	\$5,145.00
67	651	Lin. Ft. of Pavement Marking, Epoxy, 4-Inch, White	@	\$ 0.37	Lin. Ft.	\$240.87
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	1,647	Lin. Ft. of Pavement Marking, Epoxy, 4-Inch, Yellow	@	\$	0.37	Lin. Ft.	\$609.39
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	2,619	Lin. Ft. of Nonmetallic Conduit, Street Lighting, Polyethylene Duct, 2-Inch	@	\$	5.98	Lin. Ft.	\$15,661.62
82	2	Street Light Pull Boxes, 15 x 30-Inch	@	\$	622.76	Each	\$1,245.52
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	6,070	Sq. Yd. of Topsoil	@	\$	4.27	Sq. Yd.	\$25,918.90
89	845	Sq. Yd. of Sod	@	\$	5.00	Sq. Yd.	\$4,225.00
90	4,400	Sq. Yd. Seed Mixture No. 10	@	\$	0.35	Sq. Yd.	\$1,540.00
91	300	Sq. Yd. Seed Mixture No. 30	@	\$	0.38	Sq. Yd.	\$114.00
92	7	Street Light Concrete Bases	@	\$	808.47	Each	\$5,659.29
REMOVAL ITEMS							
204.0100	612	Sq. Yd. of Removing Pavement	@	\$	3.14	Sq. Yd.	\$1,921.68
204.0110	203	Sq. Yd. of Removing Asphaltic Surface	@	\$	1.49	Sq. Yd.	\$302.47
204.0150	975	Lin. Ft. of Removing Curb and Gutter	@	\$	2.10	Lin. Ft.	\$2,047.50
204.0155	68.7	Sq. Yd. of Removing Concrete Sidewalk	@	\$	9.99	Sq. Yd.	\$686.31
ROADWAY ITEMS							
205.0100	434.8	Cub. Yd. of Excavation	@	\$	8.14	Cub. Yd.	\$3,539.27
305.0120	148.47	Ton of Base Aggregate Dense 1-1/4-Inch	@	\$	14.05	Ton	\$2,086.00
310.0110	489.51	Ton of Base Aggregate Open Graded	@	\$	15.80	Ton	\$7,734.26
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	736.9	Sq. Yd. of Concrete Pavement 9-Inch (Doweled)	@	\$	38.00	Sq. Yd.	\$28,002.20
416.0170	60.7	Sq. Yd. of Concrete Driveway 7-Inch	@	\$	35.00	Sq. Yd.	\$2,124.50
601.0409	1,267	Lin. Ft. of Concrete Curb and Gutter 30-Inch Type A	@	\$	17.00	Lin. Ft.	\$21,539.00

602.0410	1,821	Sq. Ft. of Concrete Sidewalk 5-Inch	@ \$	4.25	Sq. Ft.	\$7,739.25
603.0420	164	Sq. Ft. of Concrete Sidewalk 7-Inch	@ \$	5.00	Sq. Ft.	\$820.00
690.0250	623	Lin. Ft. of Sawing Concrete	@ \$	1.75	Lin. Ft.	\$1,090.25
ASPHALT ITEM						
455.0105	3.31	Ton of Asphaltic Material PG58-28	@ \$	50.00	Ton	\$165.50
455.0605	30	Gal. of Tack Coat	@ \$	5.00	Gal.	\$150.00
460.1103	65.71	Ton of HMA Pavement Type E-3	@ \$	85.00	Ton	\$5,585.35
690.0150	601	Lin. Ft. of Sawing Asphalt	@ \$	1.00	Lin. Ft.	\$601.00
STORM SEWER STRUCTURE ITEMS						
204.0220	2	Each of Removing Inlets	@ \$	350.00	Each	\$700.00
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	2	Each of Adjusting Inlet Covers	@ \$	350.00	Each	\$700.00
SPV.0090.0	0	Each of Adjusting Water Valve	@ \$	150.00	Each	\$0.00
STORM SEWER PIPE ITEMS						
209.0100	14	Cub. Yd. of Granular Backfill	@ \$	26.00	Cub. Yd.	\$364.00
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	635	Sq. Yd. of Topsoil	@ \$	4.27	Sq. Yd.	\$2,711.45
628.1504	0	Lin. Ft. of Silt Fence	@ \$	1.20	Lin. Ft.	\$0.00
628.7015	16	Each of Inlet Protection Type C	@ \$	45.00	Each	\$720.00
630.0140	0	Lb. of Seeding Moisture No. 40	@ \$	5.50	Lb.	\$0.00
TRAFFIC CONTROL STAGE 1 ITEMS						
643.0300	650	Each of Traffic Control Drums	@ \$	18.00	Each	\$11,700.00
643.0420	30	Each of Traffic Control Type III Barricades	@ \$	37.50	Each	\$1,125.00
643.0800	20	Each of Traffic Control Arrow Boards	@ \$	900.00	Each	\$18,000.00
643.0900	100	Days of Traffic Control Signs	@ \$	30.00	Day	\$3,000.00
643.1050	8	Each of Traffic Control Signs PCMS	@ \$	1,350.00	Each	\$10,800.00
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	124.5	Sq. Ft. of Signs Type II Reflective H	@ \$	18.75	Sq. Ft.	\$2,334.38
637.2230	13	Sq. Ft. of Signs Type II Reflective F	@ \$	17.60	Sq. Ft.	\$228.80
638.2102	6	Each of Moving Signs Type II	@ \$	150.00	Each	\$900.00
638.2602	12	Each of Removing Signs Type II	@ \$	55.00	Each	\$660.00
638.3000	12	Each of Removing Small Signs Sup	@ \$	25.00	Each	\$300.00
634.0618	15	Each of Wood Posts 4" X 6" X 18'	@ \$	85.00	Each	\$1,275.00
634.0816	8	Each of Posts Tubular Steel 2" X 2" X 16'	@ \$	65.00	Each	\$520.00
PAVEMENT MARKING ITEMS						
646.0106	2120	Lin. Ft. of Pavement Marking Epoxy 4-Inch	@ \$	0.50	Lin. Ft.	\$1,060.00
646.0126	1,293	Lin. Ft. of Pavement Marking Epoxy 8-Inch	@ \$	1.00	Lin. Ft.	\$1,293.00
646.0600	0	Lin. Ft. of Removing Pavement Markings	@ \$	0.75	Lin. Ft.	\$0.00
647.0766	276	Lin. Ft. of Pavement Marking Crosswalk Epoxy 6-Inch	@ \$	6.25	Lin. Ft.	\$1,725.00
647.0156	2	Each of Pavement Marking Arrows Epoxy Type 1	@ \$	150.00	Each	\$300.00
647.0166	8	Each of Pavement Marking Arrows Epoxy Type 2	@ \$	185.00	Each	\$1,480.00
647.0356	8	Each of Pavement Marking Words Epoxy	@ \$	190.00	Each	\$1,520.00
647.0456	70	Lin. Ft. of Pavement Marking Curb Epoxy	@ \$	6.30	Lin. Ft.	\$441.00
647.0566	93	Lin. Ft. Pavement Marking Stop Line Epoxy 18-Inch	@ \$	7.90	Lin. Ft.	\$734.70
647.0606	4	Each of Pavement Marking Island Nose Epoxy	@ \$	125.00	Each	\$500.00
647.0726	53	Lin. Ft. Pavement Marking Stop Line Epoxy 12-Inch	@ \$	1.45	Lin. Ft.	\$76.85
SPV.0090.0 1	200	Lin. Ft. of Removing Pavement Marking 6- Inch Epoxy	@ \$	1.45	Lin. Ft.	\$290.00
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
Extra No. 3	1	Trucking Contaminated Soils	@ \$	28,502.59	Lump Sum	\$28,502.59
Subtotal						\$1,588,291.21
Less Retainage						\$49,410.00
Total						\$1,538,881.21
Less Amount Previously Paid						\$1,409,033.82
Total Amount Due						\$129,847.39

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$129,847.39 be allowed.

Respectfully Submitted,



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