

December 7, 2017

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 13 and Final 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 \$2,101,776.86)

Item No.	Bid Quantity	Completed Quantity	Description	Cost	Per Unit	Amount
1	1	1.14	Traffic Control	@ \$ 85,050.00	L. S.	\$96,957.00
2	1	1	Clearing and Grubbing	@ \$ 1,000.00	L. S.	\$1,000.00
3	4200	4,440	Silt Fence	@ \$ 1.20	Lin. Ft.	\$5,328.00
4	38	38	Inlet Protection	@ \$ 45.00	Each	\$1,710.00
5	20	0	Culvert Pipe Checks	@ \$ 75.00	Each	\$0.00
6	336	50	Rock Bags	@ \$ 6.00	Each	\$300.00
7	7	158.0	Cu. Yd. of Riprap Light	@ \$ 55.25	Cu. Yd.	\$8,729.50
8	7	206.39	Cu. Yd. of Riprap Medium	@ \$ 53.70	Cu. Yd.	\$11,083.14
9	20	20	Temporary Ditch Checks	@ \$ 100.00	Each	\$2,000.00
10	4200	6,300	Sq. Yd. of Erosion Mat	@ \$ 1.35	Sq. Yd.	\$8,505.00
11	3000	2,604	Lin. Ft. of Pavement Saw Cutting	@ \$ 1.75	Lin. Ft.	\$4,557.00
12	15310	16,837	Sq. Yd. of Roadway Pavement Removal	@ \$ 2.35	Sq. Yd.	\$39,566.95
13	520	835	Sq. Yd. of Walk, Approach, and Driveway Pavement Removal	@ \$ 1.75	Sq. Yd.	\$1,461.25
14	1570	1,851	Lin. Ft. of Concrete Curb & Gutter Removal	@ \$ 5.25	Lin. Ft.	\$9,717.75
15	1	1	Roadway Excavation	@ \$ 91,000.00	L. S.	\$91,000.00
16	50	0	Cu. Yd. of Slurry Backfill	@ \$ 66.00	Cu. Yd.	\$0.00
17	3000	4,687.55	Tons of Excavation Below Subgrade (EBS)	@ \$ 18.85	Ton	\$88,360.32
18	5000	2,014	Sq. Yd. of Geo-Grid Reinforcement	@ \$ 3.79	Sq. Yd.	\$7,633.06
19	1000	19	Sq. Yd. of SAS Geotextile Fabric	@ \$ 3.00	Sq. Yd.	\$57.00
20	75	234.00	Tons of Base Aggregate 3/4-Inch Dense	@ \$ 15.38	Ton	\$3,598.92
21	17900	17,719.0	Tons of Base Aggregate 1 1/4-Inch Dense	@ \$ 13.04	Ton	\$231,055.76
22	1	1	Fine Grading	@ \$ 17,441.00	L. S.	\$17,441.00
23	520	193.75	Tons of Asphaltic Surface Temporary	@ \$ 59.00	Ton	\$11,431.25
24	325	386.4	Sq. Yd. of 4-Inch HMA Pavement	@ \$ 25.00	Sq. Yd.	\$9,660.00
25	3050	3,269.24	Tons HMA Pavement, Type E-3, 19.0mm, PG 64-28	@ \$ 47.70	Ton	\$155,942.75
26	2030	2,191.59	Tons HMA Pavement, Type E-3, 12.5mm, PG 64-28	@ \$ 53.10	Ton	\$116,373.43
27	2030	2,253.7	Tons HMA Pavement, Type E-3, 9.5mm, PG 64-28	@ \$ 55.90	Ton	\$125,981.83
28	2750	2,725	Lin. Ft. of 18-Inch Concrete Curb and Gutter - Medians	@ \$ 16.00	Lin. Ft.	\$43,600.00
29	750	702	Lin. Ft. of 30-Inch Concrete Curb and Gutter	@ \$ 17.00	Lin. Ft.	\$11,934.00
30	2900	2,943.6	Lin. Ft. of 66-Inch Concrete Integral Curb and Gutter	@ \$ 25.00	Lin. Ft.	\$73,590.00

31	1820	1,787	Sq. Ft. of Concrete Corrugated Median	@	\$ 10.00	Sq. Ft.	\$17,870.00
32	305	470	Sq. Ft. of Concrete Median Sloped Nose	@	\$ 10.00	Sq. Ft.	\$4,700.00
33	6600	7,332	Sq. Ft. of Stamped Colored Concrete	@	\$ 10.00	Sq. Ft.	\$73,320.00
34	10	0	High Early Strength (HES) Concrete	@	\$ 20.00	Bag	\$0.00
35	1450	1,804.7	Sq. Ft. of 6-Inch Concrete Sidewalk and Driveway Approach	@	\$ 4.50	Sq. Ft.	\$8,121.15
36	2485	3,364	Sq. Ft. of 4-Inch Concrete Sidewalk and Curb Ramps	@	\$ 4.00	Sq. Ft.	\$13,456.00
37	56	56	Sq. Ft. of Detectable Warning Field	@	\$ 33.00	Sq. Ft.	\$1,848.00
38	1100	1,752.01	Sanitary Sewer Pre-Paving Televising	@	\$ 5.00	Lin. Ft.	\$8,760.05
39	10	4	Sanitary Lateral Pre-Paving Televising	@	\$ 325.00	Each	\$1,300.00
40	8	5	Chimney Seals	@	\$ 450.00	Each	\$2,250.00
41	8	5	Sanitary Manhole Chimney Replacement	@	\$ 1,700.00	Each	\$8,500.00
42	640	588.5	Lin. Ft. of 12-Inch RCP Storm Sewer	@	\$ 48.00	Lin. Ft.	\$28,248.00
43	402	433.9	Lin. Ft. of 15-Inch RCP Storm Sewer	@	\$ 50.00	Lin. Ft.	\$21,695.00
44	249	249.6	Lin. Ft. of 18-Inch RCP Storm Sewer	@	\$ 62.00	Lin. Ft.	\$15,475.20
45	565	533.3	Lin. Ft. of 24-Inch RCP Storm Sewer	@	\$ 73.00	Lin. Ft.	\$38,930.90
46	446	447.8	Lin. Ft. of 30-Inch RCP Storm Sewer	@	\$ 95.00	Lin. Ft.	\$42,541.00
47	52	0	Lin. Ft. 18-Inch CMP Culvert	@	\$ 34.00	Lin. Ft.	\$0.00
48	47	0	Lin. Ft. 24-Inch CMP Culvert	@	\$ 36.00	Lin. Ft.	\$0.00
49	136	144.7	Lin. Ft. of 36-Inch RCP Culvert	@	\$ 114.00	Lin. Ft.	\$16,495.80
50	2	2	18-Inch RCP Apron Endwall	@	\$ 685.00	Each	\$1,370.00
51	2	2	24-Inch RCP Apron Endwall	@	\$ 814.00	Each	\$1,628.00
52	2	1	30-Inch RCP Apron Endwall	@	\$ 946.00	Each	\$946.00
53	2	0	18-Inch CMP Apron Endwall	@	\$ 206.97	Each	\$0.00
54	2	0	24-Inch CMP Apron Endwall	@	\$ 269.00	Each	\$0.00
55	2	2	36-Inch RCP Apron Endwall (Culvert)	@	\$ 493.47	Each	\$986.94
56	3	3	4-FT Diameter Manhole	@	\$ 2,274.00	Each	\$6,822.00
57	1	1	5-FT Diameter Manhole	@	\$ 3,062.00	Each	\$3,062.00
58	2	2	6-FT Diameter Manhole	@	\$ 4,197.00	Each	\$8,394.00
59	2	2	2-FT X 2-FT Area Inlet	@	\$ 1,551.00	Each	\$3,102.00
60	18	19	2-FT X 3-FT Catch Basin	@	\$ 2,089.00	Each	\$39,691.00
61	4	3	4-FT Diameter Catch Basin	@	\$ 2,341.00	Each	\$7,023.00
62	2	2	5-FT Diameter Catch Basin	@	\$ 3,179.00	Each	\$6,358.00
63	25	0	Lin. Ft. of 8-Inch PVC Storm Sewer	@	\$ 59.00	Lin. Ft.	\$0.00
64	25	0	Lin. Ft. of 15-Inch PVC Storm Sewer	@	\$ 59.00	Lin. Ft.	\$0.00
65	2300	2,787.45	Storm Sewer Televising	@	\$ 5.00	Lin. Ft.	\$13,937.25
66	1	1.00	Miscellaneous Grading of Old Sunset Drive ROW	@	\$ 6,860.00	L. S.	\$6,860.00
67	6200	9,140	Lin. Ft. of Pavement Marking, Epoxy, 4-Inch, White	@	\$ 0.37	Lin. Ft.	\$3,381.80
68	730	1,131	Lin. Ft. of Pavement Marking, Epoxy, 8-Inch, White	@	\$ 0.80	Lin. Ft.	\$904.80
69	175	169	Lin. Ft. of Pavement Marking, Epoxy, Crosswalk, 6-Inch, White	@	\$ 6.20	Lin. Ft.	\$1,047.80
70	111	103	Lin. Ft. of Pavement Marking, Epoxy, Stop Line, 18-Inch, White	@	\$ 7.75	Lin. Ft.	\$798.25
71	8	8	Pavement Marking, Epoxy Turn Arrow, White	@	\$ 145.00	Each	\$1,160.00
72	2	3	Pavement Marking, Epoxy, Through Arrow, White	@	\$ 135.00	Each	\$405.00
73	2	3	Pavement Marking, Epoxy, Turn & Through Arrow, White	@	\$ 235.00	Each	\$705.00
74	7	7	Pavement Marking, Epoxy, Words "Only", White	@	\$ 175.00	Each	\$1,225.00


75	7	7	Pavement Marking, Epoxy, Bike Lane Symbol, White	@	\$	110.00	Each	\$770.00
76	7	7	Pavement Marking, Epoxy, Bike Lane Arrow, White	@	\$	110.00	Each	\$770.00
77	2900	5,198	Lin. Ft. of Pavement Marking, Epoxy, 4-Inch, Yellow	@	\$	0.37	Lin. Ft.	\$1,923.26
78	525	1,035	Lin. Ft. of Pavement Marking, Epoxy, Diagonal. 12-Inch. Yellow	@	\$	4.75	Lin. Ft.	\$4,916.25
79	7	7	Sq. Ft. Pavement Marking, Epoxy, Island Nose. Yellow	@	\$	125.00	Each	\$875.00
80	800	846.6	Sq. Ft. Pavement Marking, Epoxy, Corrugated Median. Yellow	@	\$	4.75	Sq. Ft.	\$4,021.35
81	3900	3,904	Lin. Ft. of Nonmetallic Conduit, Street Lighting. Polyethylene Duct. 2-Inch	@	\$	5.98	Lin. Ft.	\$23,345.92
82	5	5	Street Light Pull Boxes, 15 x 30-Inch	@	\$	622.76	Each	\$3,113.80
83	1	1	Street Light Pull Boxes, 24 x 36-Inch	@	\$	813.23	Each	\$813.23
84	13	13	Standard Lighting Unit, Single	@	\$	550.48	Each	\$7,156.24
85	9	9	Standard Lighting Unit, Twin	@	\$	672.77	Each	\$6,054.93
86	8310	11,931	Lin. Ft. of Electrical Wire 4AWG	@	\$	1.13	Lin. Ft.	\$13,482.03
87	4155	4,165	Lin. Ft. of Electrical Wire 6AWG	@	\$	0.77	Lin. Ft.	\$3,207.05
88	5860	6,829	Sq. Yd. of Topsoil	@	\$	4.27	Sq. Yd.	\$29,159.83
89	1750	1,843.5	Sq. Yd. of Sod	@	\$	5.00	Sq. Yd.	\$9,217.50
90	3600	4,400	Sq. Yd. Seed Mixture No. 10	@	\$	0.35	Sq. Yd.	\$1,540.00
91	365	300	Sq. Yd. Seed Mixture No. 30	@	\$	0.38	Sq. Yd.	\$114.00
92	22	22	Street Light Concrete Bases	@	\$	808.47	Each	\$17,786.34
415.0090	0	527	Sq. Yd. of Concrete Pavement 9-Inch (Doweled)	@	\$	38.00	Sq. Yd.	\$20,026.00
611.8110	0	7	Each of Adjusting Manhole Covers	@	\$	350.00	Each	\$2,450.00
REMOVAL ITEMS								
204.0100	540	612	Sq. Yd. of Removing Pavement	@	\$	3.14	Sq. Yd.	\$1,921.68
204.0110	283	203	Sq. Yd. of Removing Asphaltic Surface	@	\$	1.49	Sq. Yd.	\$302.47
204.0150	845	975	Lin. Ft. of Removing Curb and Gutter	@	\$	2.10	Lin. Ft.	\$2,047.50
204.0155	75	68.7	Sq. Yd. of Removing Concrete Sidewalk	@	\$	9.99	Sq. Yd.	\$686.31
ROADWAY ITEMS								
205.0100	466	434.8	Cub. Yd. of Excavation	@	\$	8.14	Cub. Yd.	\$3,539.27
305.0120	342	148.47	Ton of Base Aggregate Dense 1-1/4-Inch	@	\$	14.05	Ton	\$2,086.00
310.0110	233	489.51	Ton of Base Aggregate Open Graded	@	\$	15.80	Ton	\$7,734.26
612.0404	350	364	Lin. Ft. of Pipe Underdrain Wrapped 4-Inch	@	\$	4.41	Lin. Ft.	\$1,605.24
645.0140	722	499	Sq. Yd. of Geotextile Fabric Type SAS	@	\$	4.49	Sq. Yd.	\$2,240.51
CONCRETE ITEMS								
415.0090	556	737	Sq. Yd. of Concrete Pavement 9-Inch (Doweled)	@	\$	38.00	Sq. Yd.	\$28,006.00
416.0170	62	60.7	Sq. Yd. of Concrete Driveway 7-Inch	@	\$	35.00	Sq. Yd.	\$2,124.50
601.0409	1283	1,267	Lin. Ft. of Concrete Curb and Gutter 30-Inch Type A	@	\$	17.00	Lin. Ft.	\$21,539.00
602.0410	2020	1,821	Sq. Ft. of Concrete Sidewalk 5-Inch	@	\$	4.25	Sq. Ft.	\$7,739.25
603.0420	252	164	Sq. Ft. of Concrete Sidewalk 7-Inch	@	\$	5.00	Sq. Ft.	\$820.00
690.0250	627	623	Lin. Ft. of Sawing Concrete	@	\$	1.75	Lin. Ft.	\$1,090.25
ASPHALT ITEM								
455.0105	6	3.31	Ton of Asphaltic Material PG58-28	@	\$	50.00	Ton	\$165.50
455.0605	8	30	Gal. of Tack Coat	@	\$	5.00	Gal.	\$150.00
460.1103	105	65.71	Ton of HMA Pavement Type E-3	@	\$	85.00	Ton	\$5,585.35
690.0150	597	601	Lin. Ft. of Sawing Asphalt	@	\$	1.00	Lin. Ft.	\$601.00
STORM SEWER STRUCTURE ITEMS								
204.0220	1	2	Each of Removing Inlets	@	\$	350.00	Each	\$700.00

611.0530	1	1	Each of Manhole Covers Type J	@ \$	410.00	Each	\$410.00
611.0612	1	1	Each of Inlet Covers Type C	@ \$	410.00	Each	\$410.00
611.0660	7	3	Each of Inlet Covers Type WM	@ \$	410.00	Each	\$1,230.00
611.8110	1	1	Each of Adjusting Manhole Covers	@ \$	350.00	Each	\$350.00
611.8115	4	2	Each of Adjusting Inlet Covers	@ \$	350.00	Each	\$700.00
SPV.0090.01	1	0	Each of Adjusting Water Valve	@ \$	150.00	Each	\$0.00
STORM SEWER PIPE ITEMS							
209.0100	10	14	Cub. Yd. of Granular Backfill	@ \$	26.00	Cub. Yd.	\$364.00
608.0312	32	42.5	Lin. Ft. of Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	@	\$ 66.00	Lin. Ft.	\$2,805.00
609.0318	20	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	530	635	Sq. Yd. of Topsoil	@ \$	4.27	Sq. Yd.	\$2,711.45
628.1504	138	0	Lin. Ft. of Silt Fence	@ \$	1.20	Lin. Ft.	\$0.00
628.7015	16	16	Each of Inlet Protection Type C	@ \$	45.00	Each	\$720.00
630.0140	10	0	Lb. of Seeding Moisture No. 40	@ \$	5.50	Lb.	\$0.00
TRAFFIC CONTROL STAGE 1 ITEMS							
643.0300	114	650	Each of Traffic Control Drums	@ \$	18.00	Each	\$11,700.00
643.0420	6	30	Each of Traffic Control Type III Barricades	@ \$	37.50	Each	\$1,125.00
643.0800	3	20	Each of Traffic Control Arrow Boards	@ \$	900.00	Each	\$18,000.00
643.0900	30	100	Days of Traffic Control Signs	@ \$	30.00	Day	\$3,000.00
643.1050	3	8	Each of Traffic Control Signs PCMS	@ \$	1,350.00	Each	\$10,800.00
646.0600	1052	81	Lin. Ft. of Removing Pavement Markings	@ \$	0.90	Lin. Ft.	\$72.90
649.0400	2190	1755	Lin. Ft. of Temporary Pavement Marking Removable Tape 4-Inch (Yellow)	@	\$ 1.00	Lin. Ft.	\$1,755.00
649.0400	1317	696	Lin. Ft. of Temporary Pavement Marking Removable Tape 4-Inch (White)	@	\$ 1.00	Lin. Ft.	\$696.00
TRAFFIC CONTROL STAGE 2 ITEMS							
643.0300	86	0	Each of Traffic Control Drums	@ \$	18.00	Each	\$0.00
643.0420	2	0	Each of Traffic Control Type III Barricades	@ \$	37.50	Each	\$0.00
643.0800	2	0	Each of Traffic Control Arrow Boards	@ \$	900.00	Each	\$0.00
643.0900	30	0	Days of Traffic Control Signs	@ \$	30.00	Day	\$0.00
643.1050	2	0	Each of Traffic Control Signs PCMS	@ \$	1,375.00	Each	\$0.00
646.0600	675	0	Lin. Ft. of Removing Pavement Markings	@ \$	0.90	Lin. Ft.	\$0.00
649.0400	1551	0	Lin. Ft. of Temporary Pavement Marking Removable Tape 4-Inch (Yellow)	@	\$ 1.00	Lin. Ft.	\$0.00
649.0400	919	0	Lin. Ft. of Temporary Pavement Marking Removable Tape 4-Inch (White)	@	\$ 1.00	Lin. Ft.	\$0.00
PERMANENT SIGNING ITEMS							
637.2210	140.750	124.5	Sq. Ft. of Signs Type II Reflective H	@ \$	18.75	Sq. Ft.	\$2,334.38
637.2230	13	13	Sq. Ft. of Signs Type II Reflective F	@ \$	17.60	Sq. Ft.	\$228.80
638.2102	4	6	Each of Moving Signs Type II	@ \$	150.00	Each	\$900.00
638.2602	12	12	Each of Removing Signs Type II	@ \$	55.00	Each	\$660.00
638.3000	17	12	Each of Removing Small Signs Sup	@ \$	25.00	Each	\$300.00
634.0618	13	15	Each of Wood Posts 4" X 6" X 18'	@ \$	85.00	Each	\$1,275.00
634.0816	11	8	Each of Posts Tubular Steel 2" X 2" X 16'	@ \$	65.00	Each	\$520.00
PAVEMENT MARKING ITEMS							
646.0106	1755	2120	Lin. Ft. of Pavement Marking Epoxy 4-Inch	@ \$	0.50	Lin. Ft.	\$1,060.00
646.0126	1050	1,293	Lin. Ft. of Pavement Marking Epoxy 8-Inch	@ \$	1.00	Lin. Ft.	\$1,293.00
646.0600	730	0	Lin. Ft. of Removing Pavement Markings	@ \$	0.75	Lin. Ft.	\$0.00
647.0766	255	276	Lin. Ft. of Pavement Marking Crosswalk Epoxy 6-Inch	@	\$ 6.25	Lin. Ft.	\$1,725.00

647.0156	2	2	Each of Pavement Marking Arrows Epoxy Type 1	@	\$ 150.00	Each	\$300.00	
647.0166	6	8	Each of Pavement Marking Arrows Epoxy Type 2	@	\$ 185.00	Each	\$1,480.00	
647.0356	7	8	Each of Pavement Marking Words Epoxy	@	\$ 190.00	Each	\$1,520.00	
647.0456	80	70	Lin. Ft. of Pavement Marking Curb Epoxy	@	\$ 6.30	Lin. Ft.	\$441.00	
647.0566	85	93	Lin. Ft. Pavement Marking Stop Line Epoxy 18-Inch	@	\$ 7.90	Lin. Ft.	\$734.70	
647.0606	6	4	Each of Pavement Marking Island Nose Epoxy	@	\$ 125.00	Each	\$500.00	
647.0726	480	184	Lin. Ft. Pavement Marking Stop Line Epoxy 12-Inch	@	\$ 1.45	Lin. Ft.	\$266.80	
SPV.0090.01	200	200	Lin. Ft. of Removing Pavement Marking 6-Inch Epoxy	@	\$ 1.45	Lin. Ft.	\$290.00	
		4	Inlet Reconstruction	@	\$ 1,200.00	Each	\$4,800.00	
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								<u>\$2,101,776.86</u>
Less Retainage								\$0.00
Total Amount Due								\$2,101,776.86
Less Previous Payments								<u>\$1,924,782.05</u>
Current Payment Due								<u>\$176,994.81</u>

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$176,994.81 be allowed.

Respectfully Submitted,


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