

2013

ENGINEERING



ANNUAL REPORT

ANNUAL REPORT 2013

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ENGINEERING STAFF YEARS WITH DEPARTMENT

(as of 2013)

*Randy Turtenwald, PE, City Engineer	22
Bernard Lenz, PE, Assistant City Engineer	6
Matthew Gallager, PE, Traffic Engineer	7
Greg Pederson, PE, Civil Engineer IV	29
Greg Kozelek, PE, Civil Engineer III	20
Scott Dunnun, RLS, Civil Engineer I	13
*Mark Francksen, Aide III	23
Douglas Kerns, Aide II	10
Brian Monk, Aide II	14
Jay Crandall, Drafter II	18
Kyle Coman, Aide I	7
*Karen Novak, Engineering Secretary	6
Yuri Nasonovs, Civil Engineer I	2
Cory Hansen, Civil Engineer I	1

*Does **not** include time earned in other City Departments.

Select 2013 Projects



Patros Remediation

**Chad Erickson Memorial Park
& Vietnam Veteran Pond**



**City Hall Generator
Installation**

**Brickyard Lane Pond
Restorations**



COST AND PHYSICAL DATA
2013

Curb & Gutter				
Item	Amount	Cost/Unit	Total	
Commercial Grade Curb & Gutter including 6" Cr. Rk. Base	56	\$28.00	\$1,568.00	L.F.
Curb & Gutter	2384	\$1.50	\$3,576.00	L.F.
Curb & Gutter	2633	\$1.50	\$3,949.50	L.F.
Curb & Gutter	700	\$1.50	\$1,050.00	L.F.
Curb & Gutter	1962	\$1.55	\$3,041.10	L.F.
Curb & Gutter	39	\$2.65	\$103.35	L.F.
Curb & Gutter	52	\$1.70	\$88.40	L.F.
Curb & Gutter	20	\$1.70	\$34.00	L.F.
Curb & Gutter	26	\$1.70	\$44.20	L.F.
Curb & Gutter	52	\$1.70	\$88.40	L.F.
Curb & Gutter	790	\$2.00	\$1,580.00	L.F.
Curb & Gutter	1477	\$3.60	\$5,317.20	L.F.
Curb & Gutter	27	\$4.00	\$108.00	L.F.
Curb & Gutter	50	\$23.80	\$1,190.00	L.F.
Curb & Gutter	50	\$23.80	\$1,190.00	L.F.
Curb & Gutter	800	\$23.80	\$19,040.00	L.F.
Curb & Gutter (30-inch), Including Tie Bars	175	\$27.00	\$4,725.00	L.F.
Curb & Gutter (incl. 6" base)	1900	\$11.40	\$21,660.00	L.F.
Curb & Gutter (includes 6" base)	2384	\$10.95	\$26,104.80	L.F.
Curb & Gutter (includes 6" base)	2583	\$10.95	\$28,283.85	L.F.
Curb & Gutter (includes 6" base)	700	\$11.15	\$7,805.00	L.F.
Curb & Gutter (includes 6" base)	1962	\$16.43	\$32,235.66	L.F.
Curb & Gutter 30-Inch Type A	64	\$29.00	\$1,856.00	L.F.
Curb & Gutter 30-Inch Type D	140	\$28.00	\$3,920.00	L.F.
Curb & Gutter Driveway (9 Bag Mix)	150	\$17.00	\$2,550.00	L.F.
Curb & Gutter Incl. 6" Cr. Rk. Base	52	\$24.50	\$1,274.00	L.F.
Curb & Gutter Incl. 6" Cr. Rk. Base	33	\$25.00	\$825.00	L.F.
Curb & Gutter Incl. 6" Cr. Rk. Base	26	\$24.50	\$637.00	L.F.
Curb & Gutter Incl. 6" Cr. Rk. Base	29	\$26.00	\$754.00	L.F.
Curb & Gutter Incl. 6" Cr. Rk. Base	1426	\$17.50	\$24,955.00	L.F.
Curb & Gutter Incl. 6" Cr. Rock	70	\$24.50	\$1,715.00	L.F.
Curb & Gutter Incl. 6" Cr. Rock	640	\$14.50	\$9,280.00	L.F.
Curb & Gutter Removal	175	\$2.50	\$437.50	L.F.
Curb & Gutter, Includes 6" Compacted Crushed Rock Base	400	\$27.00	\$10,800.00	L.F.
Curb & Gutter, Includes 6" Compacted Crushed Rock Base	27	\$30.00	\$810.00	L.F.
Curb & Gutter, including 6" compacted crushed rock, 0-24 L.F.	800	\$23.50	\$18,800.00	L.F.
Curb & Gutter, including 6" compacted crushed rock, 0-24 L.F.	175	\$26.00	\$4,550.00	L.F.
Curb & Gutter, including 6" compacted crushed rock, 0-24 L.F.	800	\$23.50	\$18,800.00	L.F.

L.F.				
Curb & Gutter, including 6" compacted crushed rock, 0-24 L.F.	175	\$26.00	\$4,550.00	L.F.
Curb & Gutter, including 6" compacted crushed rock, 101 L.F. & over	300	\$19.00	\$5,700.00	L.F.
Curb & Gutter, including 6" compacted crushed rock, 101 L.F. & over	300	\$19.00	\$5,700.00	L.F.
Curb & Gutter, including 6" compacted crushed rock, 25-100 L.F.	500	\$22.00	\$11,000.00	L.F.
Curb & Gutter, including 6" compacted crushed rock, 25-100 L.F.	500	\$22.00	\$11,000.00	L.F.
Curb & Gutter, Special, Bus Stop (incl. 6" base)	100	\$24.50	\$2,450.00	L.F.
Gutter Section Only	400	\$11.40	\$4,560.00	L.F.
Gutter Section Only	500	\$15.80	\$7,900.00	L.F.
Reinforced Concrete Curb & Gutter - Driveway & Alley Entrance	135	\$24.57	\$3,316.95	L.F.
Reinforced Concrete Curb & Gutter - Driveway & Alley Entrance	190	\$24.57	\$4,668.30	L.F.
Remove Concrete Curb & Gutter	185	\$2.62	\$484.70	L.F.
Remove Concrete Curb & Gutter	240	\$2.62	\$628.80	L.F.
Remove Curb & Gutter	1600	\$3.00	\$4,800.00	L.F.
Remove Curb & Gutter	75	\$3.00	\$225.00	L.F.
Remove Curb & Gutter	2400	\$2.60	\$6,240.00	L.F.
Remove Curb & Gutter	315	\$5.00	\$1,575.00	L.F.
Remove Curb & Gutter	195	\$3.00	\$585.00	L.F.
Remove Gutter Section Only	500	\$2.80	\$1,400.00	L.F.
Special C&G (Bus Stop Section)	100	\$25.80	\$2,580.00	L.F.
Special C&G (Bus Stop Section)	100	\$25.20	\$2,520.00	L.F.
Special C&G (Bus Stop Section)	100	\$25.20	\$2,520.00	L.F.
Special Reinforced Bus Stop Curb & Gutter	50	\$24.50	\$1,225.00	L.F.
		Total	\$344,598.71	

Concrete				
Item	Amount	Cost/Unit	Total	
4" Concrete Sidewalk	1300	\$4.10	\$5,330.00	S.F.
4" Concrete Sidewalk	1650	\$4.10	\$6,765.00	S.F.
4" Concrete Sidewalk	460	\$4.10	\$1,886.00	S.F.
4" Concrete Sidewalk	1793	\$4.20	\$7,530.60	S.F.
4" Concrete Sidewalk	252	\$4.40	\$1,108.80	S.F.
4" Concrete Sidewalk	2	\$5.00	\$10.00	S.F.
4" Concrete Sidewalk	60	\$4.50	\$270.00	S.F.
4" Concrete Sidewalk	600	\$4.05	\$2,430.00	S.F.
4" Concrete Sidewalk	350	\$4.05	\$1,417.50	S.F.

4" Concrete Sidewalk	1000	\$4.10	\$4,100.00	S.F.
4" Concrete Sidewalk	4400	\$4.75	\$20,900.00	S.F.
4" Thick Concrete Pavement	18000	\$4.45	\$80,100.00	S.F.
5" Concrete Sidewalk	725	\$5.00	\$3,625.00	S.F.
5" Concrete Sidewalk	620	\$5.00	\$3,100.00	S.F.
5" Concrete Sidewalk Includes Handicap Ramps	600	\$5.45	\$3,270.00	S.F.
5" Concrete Sidewalk Includes Handicap Ramps	1750	\$5.45	\$9,537.50	S.F.
5" Concrete Sidewalk Includes Handicap Ramps	500	\$4.60	\$2,300.00	S.F.
5" Concrete Sidewalk Includes Handicap Ramps	600	\$4.60	\$2,760.00	S.F.
5" Concrete Sidewalk Includes Handicap Ramps	475	\$4.60	\$2,185.00	S.F.
5" Concrete Sidewalk Includes Handicap Ramps	1115	\$4.60	\$5,129.00	S.F.
5" Concrete Sidewalk Includes Handicap Ramps	400	\$4.45	\$1,780.00	S.F.
5" Concrete Sidewalk, Includes Handicap Ramps	1500	\$4.40	\$6,600.00	S.F.
5" Concrete Sidewalk, Includes Handicap Ramps	750	\$5.25	\$3,937.50	S.F.
5" Concrete Sidewalk, Includes Handicap Ramps	4200	\$4.50	\$18,900.00	S.F.
5" Concrete Sidewalk, Includes Handicap Ramps	2000	\$4.80	\$9,600.00	S.F.
5" Thick Concrete Pavement	3500	\$4.75	\$16,625.00	S.F.
6" Compacted Crushed Rock	1030	\$13.00	\$13,390.00	Ton
6" Concrete Alley Pavement	253	\$48.00	\$12,144.00	S.Y.
6" Concrete Alley Pavement	296	\$35.50	\$10,508.00	S.Y.
6" Concrete Alley Pavement	294	\$35.50	\$10,437.00	S.Y.
6" Concrete Alley Pavement	292	\$35.30	\$10,307.60	S.Y.
6" Concrete Alley Pavement	574	\$34.65	\$19,889.10	S.Y.
6" Concrete Alley Pavement	681	\$34.60	\$23,562.60	S.Y.
6" Concrete Alley Pavement	139	\$44.00	\$6,116.00	S.Y.
6" Concrete Alley Pavement	665	\$34.60	\$23,009.00	S.Y.
6" Concrete Alley Pavement	558	\$46.00	\$25,668.00	S.Y.
6" Concrete Driveway	525	\$4.90	\$2,572.50	S.F.
6" Concrete Driveway	200	\$4.90	\$980.00	S.F.
6" Concrete Driveway	325	\$4.90	\$1,592.50	S.F.
6" Concrete Driveway	738	\$4.80	\$3,542.40	S.F.
6" Concrete Driveway	60	\$5.50	\$330.00	S.F.
6" Concrete Driveway	200	\$5.20	\$1,040.00	S.F.
6" Concrete Driveway	14	\$5.50	\$77.00	S.F.
6" Concrete Driveway	66	\$5.50	\$363.00	S.F.
6" Concrete Driveway	24	\$5.50	\$132.00	S.F.
6" Concrete Driveway	141	\$5.50	\$775.50	S.F.
6" Concrete Driveway	20	\$7.00	\$140.00	S.F.
6" Concrete Driveway (9 Bag Mix)	1660	\$5.50	\$9,130.00	S.F.
6" Concrete Flatwork	460	\$6.04	\$2,778.40	S.F.
6" Concrete Flatwork	1500	\$6.04	\$9,060.00	S.F.

6" Concrete Pavement Includes Drives	200	\$35.00	\$7,000.00	S.Y.
6" Concrete Pavement, Includes Approaches for Drives and Alleys	100	\$47.50	\$4,750.00	S.Y.
6" Concrete Pavement, Includes Driveway Approaches	300	\$43.65	\$13,095.00	S.Y.
6" Concrete Safety Island Including Dowel Bars	500	\$9.70	\$4,850.00	S.F.
6" Concrete Sidewalk	63	\$5.00	\$315.00	S.F.
6" Concrete Sidewalk, Driveway Sections	240	\$4.75	\$1,140.00	S.F.
6" Concrete Sidewalk, Driveway Sections	780	\$5.40	\$4,212.00	S.F.
6" Concrete Sidewalk, Includes Handicap Ramps	2500	\$5.00	\$12,500.00	S.F.
6" Reinforced Concrete Slab Floor	1010	\$8.25	\$8,332.50	S F
6" Thick Concrete Pavement	1000	\$5.20	\$5,200.00	S.F.
7" Concrete Alley Approach	17	\$49.00	\$833.00	S.Y.
7" Concrete Alley Approach	625	\$5.50	\$3,437.50	S.F.
7" Concrete Alley Approach	307	\$5.60	\$1,719.20	S.F.
7" Concrete Alley Approach	325	\$5.60	\$1,820.00	S.F.
7" Concrete Alley Approach	500	\$5.80	\$2,900.00	S.F.
7" Concrete Alley Approach	325	\$6.00	\$1,950.00	S.F.
7" Concrete Alley Apron	220	\$5.25	\$1,155.00	S.F.
7" Concrete Alley Apron	123	\$5.50	\$676.50	S.F.
7" Concrete Alley Pavement Incl. Dowel Bars & 1" Felt	396	\$39.00	\$15,444.00	S.Y.
7" Concrete Flatwork Concrete High Early Strength	220	\$7.23	\$1,590.60	S.F.
7" Concrete High Early Strength Concrete Pavement	50	\$40.00	\$2,000.00	S.Y.
7" Concrete Pavement Includes Alley Approaches	50	\$39.00	\$1,950.00	S.Y.
7" Concrete Pavement, Includes Alley Approaches	120	\$44.10	\$5,292.00	S.Y.
7" Concrete Pavement, Includes Alley Approaches	30	\$52.00	\$1,560.00	S.Y.
7" Thick Concrete Pavement	200	\$5.55	\$1,110.00	S.F.
8" Concrete Flatwork Tree Band, Reinforced Concrete	40	\$9.87	\$394.80	S.F.
8" Concrete Flatwork Tree Band, Reinforced Concrete	75	\$9.87	\$740.25	S.F.
8" Concrete Pavement	350	\$46.00	\$16,100.00	S.Y.
9" Concrete Pavement	90	\$45.00	\$4,050.00	S.Y.
9" Concrete Pavement	635	\$1.06	\$673.10	S.F.
9" Concrete Pavement	85	\$54.00	\$4,590.00	S.Y.
9" Concrete Pavement (9 Bag) Including Deformed Dowel Bars 30" O.C. As Specified	150	\$7.00	\$1,050.00	S.F.
9" Concrete Pavement 9 Bag Cement	50	\$54.00	\$2,700.00	S.Y.
9" Concrete Street Pavement	100	\$6.20	\$620.00	S.F.
9" High-Early Strength Concrete Pavement	50	\$50.20	\$2,510.00	S.Y.
9" Concrete Pavement	50	\$46.00	\$2,300.00	S.Y.
9" Concrete Pavement	300	\$48.00	\$14,400.00	S.Y.
9" Concrete Pavement, Includes Pavement Ties	10	\$74.00	\$740.00	S.Y.
Concrete Alley Approach	625	\$0.64	\$400.00	S.F.
Concrete Alley Approach	269	\$0.65	\$174.85	S.F.

Concrete Alley Approach	460	\$0.64	\$294.40	S.F.
Concrete Alley Approach	300	\$1.50	\$450.00	S.F.
Concrete Alley Approach & Pavement	1250	\$0.64	\$800.00	S.F.
Concrete Alley Pavement	3564	\$1.00	\$3,564.00	S.F.
Concrete Base Type 2	14	\$648.00	\$9,072.00	Each
Concrete Base Type 5	5	\$515.00	\$2,575.00	Each
Concrete Base Type 5	1	\$515.00	\$515.00	Each
Concrete Base, Type 1	2	\$560.00	\$1,120.00	Each
Concrete Bases Type 1	6	\$576.81	\$3,460.86	Each
Concrete Bases Type 5	2	\$785.28	\$1,570.56	Each
Concrete Bases Type 5	2	\$785.13	\$1,570.26	Each
Concrete Control Cabinet Bases Type 6	1	\$495.83	\$495.83	Each
Concrete Control Cabinet Bases Type 9	1	\$495.73	\$495.73	Each
Concrete Driveway	40	\$0.60	\$24.00	S.F.
Concrete Driveway	1660	\$1.50	\$2,490.00	S.F.
Concrete Flatwork	392	\$0.58	\$227.36	S.F.
Concrete Flatwork	55	\$0.60	\$33.00	S.F.
Concrete Flatwork	45	\$1.40	\$63.00	S.F.
Concrete Footing	48	\$1.80	\$86.40	L.F.
Concrete Masonry Bridges	228	\$665.00	\$151,620.00	C.Y.
Concrete Pavement	12	\$2.10	\$25.20	S.F.
Concrete Pavement	16	\$2.10	\$33.60	S.F.
Concrete Pavement	100	\$0.70	\$70.00	S.F.
Concrete Pavement (any thickness)	2400	\$0.60	\$1,440.00	S.F.
Concrete Pavement (any thickness)	2525	\$0.60	\$1,515.00	S.F.
Concrete Pavement (any thickness)	1300	\$0.60	\$780.00	S.F.
Concrete Pavement (any thickness)	4141	\$0.63	\$2,608.83	S.F.
Concrete Pavement (any thickness)	6400	\$1.20	\$7,680.00	S.F.
Concrete Pavement (any thickness)	1095	\$12.00	\$13,140.00	S.Y.
Concrete Pavement Approach Slab (12-inch)	220	\$95.00	\$20,900.00	S.Y.
Concrete Pavement Approach Slab (8-inch)	750	\$38.00	\$28,500.00	S.Y.
Concrete Pavement Approach Slab (8-inch)	125	\$43.00	\$5,375.00	S.Y.
Concrete Pavement Approach Slab	98	\$145.00	\$14,210.00	S.Y.
Concrete Removal and Disposal- Entire Site (Floor, Footings, Misc. Pads, and Loading Docks)	1	\$34,000.00	\$34,000.00	L.S.
Concrete Sawing	300	\$3.80	\$1,140.00	L.F.
Concrete Sawing	75	\$3.10	\$232.50	L.F.
Concrete Sawing	34	\$4.00	\$136.00	L.F.
Concrete Sawing	20	\$4.00	\$80.00	L.F.
Concrete Sawing	9	\$5.00	\$45.00	L.F.
Concrete Sawing	30	\$4.00	\$120.00	L.F.

Concrete Sawing	16	\$4.00	\$64.00	S.F.
Concrete Sawing	40	\$5.00	\$200.00	L.F.
Concrete Sawing	4	\$6.00	\$24.00	L.F.
Concrete Sawing	58	\$4.00	\$232.00	L.F.
Concrete Sawing	135	\$5.00	\$675.00	L.F.
Concrete Sawing	650	\$4.25	\$2,762.50	L.F.
Concrete Sawing	100	\$3.50	\$350.00	L.F.
Concrete Sawing	120	\$3.50	\$420.00	L.F.
Concrete Sawing	70	\$3.50	\$245.00	L.F.
Concrete Sawing	72	\$4.00	\$288.00	L.F.
Concrete Sawing	100	\$3.30	\$330.00	L.F.
Concrete Sawing (6" depth or less)	300	\$3.40	\$1,020.00	L.F.
Concrete Sawing (full depth)	175	\$4.00	\$700.00	L.F.
Concrete Sawing (full depth)	100	\$4.80	\$480.00	L.F.
Concrete Sawing (full depth)	900	\$3.60	\$3,240.00	L.F.
Concrete Sawing (full depth)	150	\$3.60	\$540.00	L.F.
Concrete Sawing (full depth)	250	\$1.50	\$375.00	L.F.
Concrete Sawing (full depth)	105	\$4.40	\$462.00	L.F.
Concrete Sawing (full depth)	70	\$4.00	\$280.00	L.F.
Concrete Sawing (full depth)	500	\$4.00	\$2,000.00	L.F.
Concrete Sawing (greater than 6" depth)	50	\$4.20	\$210.00	L.F.
Concrete Sawing (partial-depth V-cut)	260	\$2.10	\$546.00	L.F.
Concrete Sawing (partial-depth V-cut)	420	\$2.10	\$882.00	L.F.
Concrete Sidewalk	6	\$2.70	\$16.20	S.F.
Concrete Sidewalk	150	\$0.60	\$90.00	S.F.
Concrete Staining	1815	\$1.50	\$2,722.50	S.F.
Concrete Staining	580	\$3.00	\$1,740.00	S.F.
Concrete Surface Repair	60	\$70.00	\$4,200.00	S.F.
Furnish and Install 5" Reinforced Concrete Slabs	220	\$15.90	\$3,498.00	S.F.
Poured Concrete Retaining Wall	40	\$40.00	\$1,600.00	S.F.
Remove 4" Concrete Sidewalk	600	\$0.90	\$540.00	S.F.
Remove 4" Concrete Sidewalk	350	\$0.80	\$280.00	S.F.
Remove 5" Concrete Sidewalk	400	\$0.96	\$384.00	S.F.
Remove 6" Concrete Pavement Includes Drives	200	\$9.50	\$1,900.00	S.Y.
Remove 6" Concrete Pavement, Includes Drives and Alleys	100	\$7.50	\$750.00	S.Y.
Remove 6" Concrete Safety Island	250	\$2.10	\$525.00	S.F.
Remove 7" Concrete Pavement, Includes Alley Approaches	100	\$10.00	\$1,000.00	S.Y.
Remove 8" Concrete Pavement	350	\$9.00	\$3,150.00	S.Y.
Remove 9" Concrete Pavement	150	\$12.50	\$1,875.00	S.Y.
Remove 9" Concrete Pavement	200	\$10.00	\$2,000.00	S.Y.
Remove 9" Concrete Pavement	10	\$18.00	\$180.00	S.Y.

Remove Concrete (any thickness)	200	\$1.00	\$200.00	S.F.
Remove Concrete Base, Type 1, 2, or 5	2	\$230.00	\$460.00	Each
Remove Concrete Drive & Alley Approaches	420	\$5.60	\$2,352.00	S.Y.
Remove Concrete Flatwork, any thickness	235	\$4.83	\$1,135.05	S.Y.
Remove Concrete Flatwork, any thickness	620	\$4.83	\$2,994.60	S.Y.
Remove Concrete Pavement	90	\$5.60	\$504.00	S.Y.
Remove Concrete Sidewalk	725	\$1.00	\$725.00	S.F.
Remove Concrete Sidewalk	2740	\$1.00	\$2,740.00	S.F.
Remove Concrete Sidewalk	250	\$0.75	\$187.50	S.F.
Remove Concrete Sidewalk	61	\$5.00	\$305.00	S.Y.
Total			\$931,954.68	

Pavement				
Item	Amount	Cost/Unit	Total	
1/2" Rebar Pavement Ties	50	\$3.60	\$180.00	Each.
2" Bituminous Driveway (w 4" Cr. Rk. Base)	50	\$15.00	\$750.00	S.F.
2" Bituminous Pavement Incl. 4" Cr. Rk. Base	425	\$3.30	\$1,402.50	S.F.
2" Bituminous Pavement Incl. 4" Cr. Rock	72	\$9.50	\$684.00	S.F.
2" Bituminous Pavement Incl. 4" Cr. Rock	122	\$10.00	\$1,220.00	S.F.
2" Bituminous Pavement Incl. 4" Cr. Rock	78	\$11.00	\$858.00	S.F.
2" Bituminous Pavement Incl. 4" Cr. Rock	72	\$3.30	\$237.60	S.F.
3" Bituminous Patch	200	\$8.50	\$1,700.00	S.F.
3" Bituminous Pavement	565	\$85.00	\$48,025.00	Ton
3" Bituminous Pavement Incl. 6" Cr. Rk. Base	56	\$10.60	\$593.60	S.F.
3" Bituminous Pavement Incl. 6" Cr. Rk. Base	100	\$10.60	\$1,060.00	S.F.
3" Bituminous Pavement Incl. 6" Cr. Rk. Base	900	\$5.00	\$4,500.00	S.F.
3" Bituminous Pavement Incl. 6" Cr. Rk. Base	29	\$10.60	\$307.40	S.F.
3" Bituminous Pavement Incl. 6" Cr. Rk. Base	645	\$3.80	\$2,451.00	S.F.
3" Porous Asphalt Pavement	315	\$120.00	\$37,800.00	Ton
Bituminous Asphalt Base Course	900	\$73.50	\$66,150.00	Ton
Bituminous Pavement	600	\$73.00	\$43,800.00	Ton
Bituminous Pavement	942	\$0.27	\$254.34	S.F.
Bituminous Pavement	52	\$0.50	\$26.00	S.F.
Bituminous Pavement	100	\$0.50	\$50.00	S.F.
Bituminous Pavement	78	\$0.50	\$39.00	S.F.
Bituminous Pavement	900	\$0.38	\$342.00	S.F.
Bituminous Pavement	29	\$0.50	\$14.50	S.F.
Bituminous Pavement	122	\$0.50	\$61.00	L.F.
Bituminous Pavement	143	\$0.50	\$71.50	S.F.
Bituminous Pavement	645	\$1.10	\$709.50	S.F.
Bituminous Pavement (Incl. Crushed Rock Base)	3100	\$2.00	\$6,200.00	S.Y.

Bituminous Pavement (Incl. Crushed Rock Base)	15	\$2.00	\$30.00	S.Y.
Bituminous Sawing	10	\$2.75	\$27.50	L.F.
Bituminous Sawing	10	\$2.75	\$27.50	L.F.
Bituminous Sawing	200	\$3.00	\$600.00	L.F.
Bituminous Sawing	300	\$2.70	\$810.00	L.F.
Bituminous Sawing	10	\$6.00	\$60.00	L.F.
Bituminous Sawing	56	\$3.50	\$196.00	L.F.
Bituminous Sawing	35	\$3.50	\$122.50	L.F.
Bituminous Sawing	48	\$3.50	\$168.00	L.F.
Bituminous Sawing	64	\$3.50	\$224.00	L.F.
Bituminous Sawing	31	\$3.50	\$108.50	L.F.
Bituminous Sawing	81	\$3.50	\$283.50	L.F.
Bituminous Sawing	52	\$3.50	\$182.00	L.F.
Bituminous Sawing	275	\$3.00	\$825.00	L.F.
Bituminous Sawing	86	\$4.00	\$344.00	L.F.
Bituminous Sawing	73	\$4.00	\$292.00	L.F.
Bituminous Sawing (full length)	300	\$2.00	\$600.00	L.F.
Bituminous Sawing (full length)	190	\$2.75	\$522.50	L.F.
Bituminous Sawing (full length)	260	\$2.75	\$715.00	L.F.
Bituminous Sawing (full length)	87	\$3.50	\$304.50	L.F.
F&I Bituminous Hot-Mix Patch	12	\$195.30	\$2,343.60	Ton
F&I Bituminous Hot-Mix Patch	10	\$195.30	\$1,953.00	Ton
F&I Porous Paver	675	\$12.92	\$8,721.00	S.F.
F&I Porous Paver	2500	\$12.92	\$32,300.00	S.F.
Pavement Marking Arrows Bike Lane Paint	2	\$195.00	\$390.00	Each
Pavement Marking Paint 4-Inch	3065	\$1.55	\$4,750.75	L.F.
Pavement Marking Stop Line Paint 12-Inch	14	\$5.00	\$70.00	L.F.
Pavement Marking Symbols Bike Lane Paint	2	\$295.00	\$590.00	Each
Pavement Ties	100	\$4.50	\$450.00	Each
Remove Bituminous Asphalt Pavement	1	\$3,500.00	\$3,500.00	L.S.
Remove Bituminous Asphalt Pavement	5600	\$2.90	\$16,240.00	S.Y.
Remove Bituminous Pavement (any depth)	200	\$0.75	\$150.00	S.F.
Remove Bituminous Pavement (any depth)	200	\$5.20	\$1,040.00	S.Y.
Remove Bituminous Pavement (any depth)	30	\$6.20	\$186.00	S.Y.
Remove Bituminous Pavement (any depth)	40	\$7.08	\$283.20	S.Y.
Remove Bituminous Pavement (any depth)	30	\$7.08	\$212.40	S.Y.
Remove, Salvage & Reinstall Existing Pavers	1	\$8,569.00	\$8,569.00	L.S.
Tack Coat	375	\$3.00	\$1,125.00	Gal.
Temporary Pavement Marking Stop Line	18	\$10.00	\$180.00	L.F.
Total			\$308,983.39	

Sewer				
Item	Amount	Cost/Unit	Total	
12" SDR 35 PVC Storm Sewer	35	\$30.00	\$1,050.00	L.F.
12" SDR 35 PVC Storm Sewer	110	\$30.00	\$3,300.00	L.F.
12" SDR 35 PVC Storm Sewer	245	\$33.00	\$8,085.00	L.F.
Cut/ Cap Sanitary Sewer and Water Connection	2	\$1,000.00	\$2,000.00	Each
Easts along Fence into Mobile Home Court - 10" Sewer Liner	91	\$26.30	\$2,393.30	L.F.
Mobile Home Court from Fence Heading North - 10" Sewer Liner	400	\$26.30	\$10,520.00	L.F.
Mormon Coulee Rd. - 10" Sewer Liner	96	\$26.30	\$2,524.80	L.F.
North along Mobile Home Court - 10" Sewer Liner	400	\$26.30	\$10,520.00	L.S.
North along Mobile Home Court (Manhole in Street) - 10" Sewer Liner	384	\$26.30	\$10,099.20	L.F.
North along Mobile Home Court (Manhole in Yard) - 10" Sewer Liner	160	\$26.30	\$4,208.00	L.F.
North from Mobile Home Court to Lift Station - 10" Sewer Liner	282	\$26.30	\$7,416.60	L.S.
North to Fence. Storage Bldg. - 10" Sewer Liner	214	\$26.30	\$5,628.20	L.F.
Plug & Patch Storm Sewer Structures	2	\$600.00	\$1,200.00	Each
Remove Storm Sewer	1	\$1,500.00	\$1,500.00	L.S.
Re-Open Lateral Connection	1	\$150.00	\$150.00	Each
Re-Open Lateral Connection	1	\$150.00	\$150.00	Each
Re-Open Lateral Connection	1	\$150.00	\$150.00	Each
Re-Open Lateral Connection	1	\$150.00	\$150.00	Each
Re-Open Lateral Connection	1	\$150.00	\$150.00	Each
Re-Open Lateral Connection	1	\$150.00	\$150.00	Each
Re-Open Lateral Connection	9	\$150.00	\$1,350.00	Each
Re-Open Lateral Connection	1	\$150.00	\$150.00	Each
Total			\$72,845.10	

Catch Basin				
Item	Amount	Cost/Unit	Total	
48" Catch Basin Manhole	1	\$1,900.00	\$1,900.00	Each
48" Catch Basin Manhole	1	\$2,000.00	\$2,000.00	Each
48" Catch Basin Manhole	1	\$2,400.00	\$2,400.00	Each
Catch Basin Adjustment	10	\$68.00	\$680.00	Each
Catch Basin Inlet Protection	4	\$250.00	\$1,000.00	Each
Furnish and Install Castings At Existing Catch Basins	2	\$785.00	\$1,570.00	Each
Furnish and Install Castings At Existing Catch Basins	2	\$802.50	\$1,605.00	Each
Total			\$11,155.00	

Manhole				
Item	Amount	Cost/Unit	Total	
48" Standard Manhole	1	\$2,800.00	\$2,800.00	Each
F&I Concrete Manhole (4' dia.) (6.5 - 7.0' deep)	2	\$2,330.00	\$4,660.00	Each
F&I Concrete Manhole (4' dia.) (9.0' + deep)	1	\$2,740.00	\$2,740.00	Each
Manhole & Catch Basin Casting Adjustment & Replacement	10	\$275.00	\$2,750.00	Each
Manhole & Catch Basin Casting Adjustment & Replacement	18	\$190.00	\$3,420.00	Each
Manhole Adjustment, Includes Rings, Cement, and Bonding Agent	3	\$200.00	\$600.00	Each
Manhole Adjustment, Includes Rings, Cement, and Bonding Agent	2	\$200.00	\$400.00	Each
Manhole Adjustment, Includes Rings, Cement, and Bonding Agent	2	\$200.00	\$400.00	Each
Manhole Casting Adjustment	9	\$180.00	\$1,620.00	Each
Manhole Casting Adjustment	1	\$120.00	\$120.00	L.S.
Total			\$19,510.00	

Soil				
Item	Amount	Cost/Unit	Total	
2-foot Compacted fill area (including 4" of topsoil)	11500	\$6.40	\$73,600.00	Ton
4" Black Dirt, Seed, Fertilizer & Mulch	430	\$0.60	\$258.00	S.F.
4" Black dirt, Seed, Fertilizer & Mulch	400	\$7.00	\$2,800.00	S.Y.
4" black dirt, seed, fertilizer, and mulch	150	\$8.00	\$1,200.00	S.Y.
4" Topsoil, Graded and Compacted	100	\$6.50	\$650.00	S.Y.
4" Topsoil, Graded and Compacted	500	\$6.20	\$3,100.00	S.Y.
6" Topsoil, Graded and Compacted	15	\$25.00	\$375.00	S.Y.
Backfill Sand-Transported to site, placed and compacted	3000	\$6.00	\$18,000.00	C.Y.
Bio-cell Grass Seeding Mixture	130	\$2.30	\$299.00	S.Y.
Bio-cell Grass Seeding Mixture	120	\$2.65	\$318.00	S.Y.
Clay Embankment	3250	\$15.50	\$50,375.00	C.Y.
Clay Loam Topsoil	250	\$19.00	\$4,750.00	C.Y.
Clean Sand Fill	20	\$10.00	\$200.00	C.Y.
Common Excavation & Grubbing	11200	\$4.50	\$50,400.00	C.Y.
Compacted backfill -sand and 4" top soil- to original grade	2613	\$7.00	\$18,291.00	Ton
Compacted backfill -sand- to original grade	190	\$10.00	\$1,900.00	Ton
Compacted backfill -sand- to original grade	10	\$20.00	\$200.00	Ton
Excavate and Containerize Hazardous Waste Soils	9	\$275.00	\$2,475.00	C.Y.
Excavate and Containerize PCB impacted Soils (sealed container)*	9	\$275.00	\$2,475.00	C.Y.
Excavate and Dispose Native Soils to the Depth of 12" Below the Removed Asphalt	700	\$14.00	\$9,800.00	C.Y.
Excavate and Dispose Native Soils to the Depth of the Bottom of Bioinfiltration Cells, As Specified	88	\$10.00	\$880.00	C.Y.

Excavate and Dispose Native Soils to the Depth of the Bottom of Bioinfiltration Cells, As Specified	100	\$12.57	\$1,257.00	C.Y.
Excavate PCE Impacted Soil	6700	\$5.00	\$33,500.00	Ton
Furnish and Install Class 2 Type B Erosion Mat Over Bioinfiltration Cells Area	120	\$3.00	\$360.00	S.Y.
Geotextile Fabric, Type HR	1800	\$1.45	\$2,610.00	S.Y.
Grade, Place Black Dirt, Seed, Fertilize, and Mulch	150	\$7.25	\$1,087.50	S.Y.
Granular Backfill	6	\$24.00	\$144.00	C.Y.
Granular Backfill	20	\$24.00	\$480.00	C.Y.
Install Engineered Soils For Bioinfiltration Cells	36	\$70.00	\$2,520.00	C.Y.
Install Engineered Soils For Bioinfiltration Cells	50	\$74.90	\$3,745.00	C.Y.
Sand Embankment	6600	\$9.20	\$60,720.00	C.Y.
Seeding, Fertilizer, and Mulching for Topsoil	100	\$5.50	\$550.00	S.Y.
Seeding, Fertilizer, and Mulching for Topsoil	15	\$5.50	\$82.50	S.Y.
Seeding, Fertilizer, and Mulching for Topsoil	500	\$4.50	\$2,250.00	S.Y.
Soil Excavation	2613	\$2.00	\$5,226.00	Ton
Soil Excavation	170	\$4.00	\$680.00	Ton
Soil Excavation	10	\$25.00	\$250.00	Ton
Stabilize and seed	25200	\$0.075	\$1,890.00	S.F.
Stabilize and seed	111000	\$0.075	\$8,325.00	S.F.
Stockpile fill and topsoil (sufficient for 2 feet of compacted fill, including 4 inches of topsoil, over 10,000 square feet)	1100	\$5.00	\$5,500.00	Ton
Structural Sand Fill	80	\$15.00	\$1,200.00	Ton
Transportation of PCE Impacted Soil to La Crosse County Landfill	6700	\$5.00	\$33,500.00	Ton
Turf Restoration	650	\$3.25	\$2,112.50	S.Y.
Watering, Fertilization, and Maintenance of Bioinfiltration Cell Vegetation	1	\$615.25	\$615.25	L.S.
Total			\$410,335.50	

Traffic & Erosion Control				
Item	Amount	Cost/Unit	Total	
Erosion Control	1	\$150.00	\$150.00	L.S.
Erosion Control	1	\$150.00	\$150.00	L.S.
Erosion Control	1	\$150.00	\$150.00	L.S.
Erosion Control	1	\$800.00	\$800.00	L.S.
Erosion Control	1	\$700.00	\$700.00	L.S.
Erosion Control	1	\$270.00	\$270.00	L.S.
Erosion Control	1	\$30.00	\$30.00	L.S.
Erosion Control	1	\$30.00	\$30.00	L.S.
Erosion Control	1	\$30.00	\$30.00	L.S.
Erosion Control	1	\$30.00	\$30.00	L.S.
Erosion Control	1	\$30.00	\$30.00	L.S.

Erosion Control	1	\$30.00	\$30.00	L.S.
Erosion Control	1	\$60.00	\$60.00	L.S.
Erosion Control	1	\$30.00	\$30.00	L.S.
Erosion Control	1	\$1,000.00	\$1,000.00	L.S.
Erosion Control	1	\$4,000.00	\$4,000.00	L.S.
Erosion Control	1	\$3,200.00	\$3,200.00	L.S.
Erosion Control	1	\$150.00	\$150.00	L.S.
Erosion Control	1	\$2,000.00	\$2,000.00	L.S.
Erosion Control	1	\$500.00	\$500.00	L.S.
Traffic Control	1	\$675.00	\$675.00	L.S.
Traffic Control	1	\$500.00	\$500.00	L.S.
Traffic Control	1	\$16,535.00	\$16,535.00	L.S.
Traffic Control	1	\$6,215.00	\$6,215.00	L.S.
Traffic Control	1	\$3,150.00	\$3,150.00	L.S.
Traffic Control	1	\$3,600.00	\$3,600.00	L.S.
Traffic Control	1	\$160.00	\$160.00	L.S.
Traffic Control	1	\$120.00	\$120.00	L.S.
Traffic Control	1	\$950.00	\$950.00	L.S.
Traffic Control	1	\$160.00	\$160.00	L.S.
Traffic Control	1	\$160.00	\$160.00	L.S.
Traffic Control	1	\$140.00	\$140.00	L.S.
Traffic Control	1	\$120.00	\$120.00	L.S.
Traffic Control	1	\$140.00	\$140.00	L.S.
Traffic Control	1	\$3,500.00	\$3,500.00	L.S.
Traffic Control	1	\$4,600.00	\$4,600.00	L.S.
Traffic Control	1	\$175.00	\$175.00	L.S.
Traffic Control	1	\$1,610.19	\$1,610.19	L.S.
Traffic Control	1	\$1,554.00	\$1,554.00	L.S.
Traffic Control	1	\$2,331.00	\$2,331.00	L.S.
Traffic Control	1	\$12,927.25	\$12,927.25	L.S.
Total			\$72,162.44	

Warning Field				
Item	Amount	Cost/Unit	Total	
Detectable Warning Field	11	\$29.00	\$319.00	Each
Detectable Warning Field	12	\$230.00	\$2,760.00	Each
Detectable Warning Field	3	\$230.00	\$690.00	Each
Detectable Warning Field	8	\$50.00	\$400.00	S.F.
Detectable Warning Field	10	\$210.00	\$2,100.00	Each
Detectable Warning Field	16	\$210.00	\$3,360.00	Each

Detectable Warning Field	10	\$210.00	\$2,100.00	Each
Detectable Warning Field	36	\$210.00	\$7,560.00	Each
Detectable Warning Field	21	\$240.00	\$5,040.00	Each
Detectable Warning Field	20	\$210.00	\$4,200.00	Each
Detectable Warning Field 2'x3'	2	\$240.00	\$480.00	Each
Detectable Warning Field 2'x4'	14	\$250.00	\$3,500.00	Each
Detectable Warning Field 2'x4'	2	\$220.00	\$440.00	Each
Total			\$32,949.00	

Miscellaneous				
Item	Amount	Cost/Unit	Total	
1" Copper Water Service	130	\$33.92	\$4,409.60	L.F.
1" Copper Water Service	200	\$25.00	\$5,000.00	L.F.
1" Corporation Stop	6	\$195.00	\$1,170.00	Each
1" Corporation Stop	9	\$175.00	\$1,575.00	Each
1" Curb Box	6	\$304.95	\$1,829.70	Each
1" Curb Box & 2.5" Curb Box	9	\$175.00	\$1,575.00	Each
10" Base Course "B"	640	\$27.50	\$17,600.00	Ton
14' Wood Post, 4"x6" treated	8	\$125.00	\$1,000.00	Each
2 Year Full Warranty	1	\$12,000.00	\$12,000.00	L.S.
2" Base Course "A"	130	\$28.00	\$3,640.00	Ton
2" Empty PVC Lighting Conduit	10	\$11.75	\$117.50	L.F.
2" PVC Lighting Conduit empty	10	\$11.75	\$117.50	L.F.
2" PVC Lighting Conduit including new wire	375	\$13.38	\$5,017.50	L.F.
2" PVC Lighting Conduit including wire	890	\$13.38	\$11,908.20	L.F.
2" Tapping Valve, Corp. and 12' of Copper Service	1	\$1,015.00	\$1,015.00	Each
2" Tapping Valve, Corp. and 12' of Copper Service	1	\$2,000.00	\$2,000.00	Each
4" Concrete Sidewalk, Includes Pedestrian Ramps and 2" Compacted Granular Sand Base and Excavation	4500	\$3.90	\$17,550.00	S.F.
4" HDPE SDR 17 Temporary Water Supply	1	\$2,000.00	\$2,000.00	L.S.
6" 45° Elbow, Poly-Wrapped	4	\$215.00	\$860.00	Each
6" Resilient Seated Gate Valve and Valve Box. Poly wrapped, F&I with Fittings	6	\$1,260.00	\$7,560.00	Each
6" Resilient Seated Gate Valve and Valve Box. Poly wrapped, F&I with Fittings	8	\$1,200.00	\$9,600.00	Each
6" Water Main F&I Fittings, Joint Restraint & Poly wrapped, (Incl. 2' of bedding sand and 1' of cover sand)	830	\$39.00	\$32,370.00	L.F.
6" Water Main F&I. Complete with all L.F. fittings, Joint Restraint & Poly wrapped	400	\$44.72	\$17,888.00	L.F.
6"x6"x6" TEE, Poly-Wrapped, F&I with Fittings	1	\$454.75	\$454.75	Each
6"x6"x6" TEE, Poly-Wrapped, F&I with Fittings	4	\$300.00	\$1,200.00	Each
6"x6"x6"x6" CROSS, Poly-Wrapped, F&I with Fittings	1	\$1,417.75	\$1,417.75	Each

6'x6" Elbow 45°, F&I	1	\$225.00	\$225.00	Each
Access Autogates with 10' Aluminum Arm	3	\$3,000.00	\$9,000.00	Each
Access Control L.S. system Integration	1	\$3,500.00	\$3,500.00	L.S.
ADD - VAV Box Upgrade	1	\$154,880.00	\$154,880.00	L.S.
Airport Main Terminal Generator	1	\$34,900.00	\$34,900.00	L.S.
Annual Service Agreement Years 3 and 4	1	\$16,000.00	\$16,000.00	Each
Architectural Surface Treatment	580	\$8.00	\$4,640.00	S.F.
Backfill Structure	24	\$28.00	\$672.00	C.Y.
Backplates Signal Face 3 section 12-Inch	6	\$35.16	\$210.96	Each
Bar Steel Reinforcement HS Coated Bridges	69781	\$1.25	\$87,226.25	L.F.
Base Aggregate Dense 1 1/4-INCH	236	\$12.00	\$2,832.00	Ton
Bollard Removal	1	\$12.00	\$12.00	L.S.
Boring Concrete Wall, Block, Includes Repairs	5	\$85.00	\$425.00	Each
Boring Concrete Wall, Poured, Includes Repairs	5	\$85.00	\$425.00	Each
Boulevard Restoration & Lawn establishment	1000	\$4.70	\$4,700.00	S.Y.
Boulevard Restoration & Lawn establishment	1500	\$4.60	\$6,900.00	S.Y.
Boulevard Restoration & Lawn establishment	300	\$4.80	\$1,440.00	S.Y.
Boulevard Restoration & Lawn establishment	221	\$4.99	\$1,102.79	S.Y.
Boulevard Restoration & Lawn Establishment	1200	\$7.00	\$8,400.00	S.Y.
Boulevard Restoration & Lawn Establishment	220	\$18.00	\$3,960.00	S.Y.
Cable Traffic Signal 5-14 AWG	114	\$1.61	\$183.54	L.F.
Cable Traffic Signal 12-14 AWG	2501	\$2.38	\$5,952.38	L.F.
Chain Link Fence (6') & Posts	275	\$18.00	\$4,950.00	L.F.
Circuit Breakers, 20 amp	13	\$40.00	\$520.00	Each
Communication Cable, Category 5E, Includes Termination Jacks	2590	\$3.00	\$7,770.00	L.F.
Conduit Rigid Metallic 3-Inch	306	\$21.59	\$6,606.54	L.F.
Conduit Rigid Nonmetallic Schedule 40 2-Inch	82	\$5.28	\$432.96	L.F.
Conduit Rigid Nonmetallic Schedule 40 3-Inch	373	\$9.06	\$3,379.38	L.F.
Conduit Rigid Nonmetallic Schedule 40 2-Inch	615	\$7.11	\$4,372.65	L.F.
Conduit Special 2-Inch Jacked Bored Augured	49	\$28.63	\$1,402.87	L.F.
Conduit Special 3-Inch Jacked Bored Augured	174	\$29.61	\$5,152.14	L.F.
Conduit, Electrical Metal Tubing, 0.75", Includes All Appurtenances for Connections and Anchors	130	\$4.10	\$533.00	L.F.
Conduit, Electrical Metal Tubing, 1", Includes All Appurtenances for Connections and Anchors	10	\$7.80	\$78.00	L.F.
Conduit, Electrical Metal Tubing, 1.25", Includes All Appurtenances for Connections and Anchors	15	\$10.00	\$150.00	L.F.
Conduit, Loop Detector	184	\$6.75	\$1,242.00	L.F.
Conduit, Nonmetallic Schedule 40, 2-Inch	75	\$8.58	\$643.50	L.F.
Conduit, Nonmetallic Schedule 40, 3-Inch	50	\$14.00	\$700.00	L.F.
Conduit, PVC, Schedule 40, 0.5", Includes All Appurtenances for Connections and Anchors	382	\$5.70	\$2,177.40	L.F.

Conduit, PVC, Schedule 40, 0.75", Includes All Appurtenances for Connections and Anchors	15	\$7.00	\$105.00	L.F.
Conduit, PVC, Schedule 40, 1", Includes All Appurtenances for Connections and Anchors	210	\$13.35	\$2,803.50	L.F.
Conduit, PVC, Schedule 40, 1.25", Includes All Appurtenances for Connections and Anchors	187	\$15.40	\$2,879.80	L.F.
Conduit, PVC, Schedule 80, 0.75", Includes All Appurtenances for Connections and Anchors	1140	\$10.60	\$12,084.00	L.F.
Conduit, PVC, Schedule 80, 1", Includes All Appurtenances for Connections and Anchors	430	\$14.40	\$6,192.00	L.F.
Conduit, PVC, Schedule 80, 1.25", Includes All Appurtenances for Connections and Anchors	550	\$15.55	\$8,552.50	L.F.
Conduit, Rigid Metallic, 0.75", Includes All Appurtenances for Connections and Anchors	148	\$10.65	\$1,576.20	L.F.
Conduit, Rigid Metallic, 1", Includes All Appurtenances for Connections and Anchors	96	\$13.40	\$1,286.40	L.F.
Conduit, Rigid Metallic, 1.25", Includes All Appurtenances for Connections and Anchor	52	\$15.10	\$785.20	L.F.
Connect New Power Supply Wires To Existing	1	\$750.00	\$750.00	L.S.
Removes Existing Rubber Flooring	1	\$1,200.00	\$1,200.00	L.S.
Crushed Rock Base, Placed and Compacted	20	\$35.00	\$700.00	C.Y.
Culvert Rock Removal	1	\$3,500.00	\$3,500.00	L.S.
Cut 12 Inches of Material Outside the Contamination Area	1	\$6,000.00	\$6,000.00	L.S.
Dismantle & Remove Light Poles, Control Cabinet, Bases & Bollards	8	\$263.00	\$2,104.00	Each
Dredging Excavation Mississippi River Access	9000	\$11.35	\$102,150.00	C.Y.
Dredging Excavation Swift Creek	2235	\$42.50	\$94,987.50	C.Y.
Drill L.E.D Dowel Bars	85	\$10.00	\$850.00	Each
Drill L.E.D Tie Bars	90	\$6.00	\$540.00	Each
Egress Autogates with 10' Aluminum Arm, re-use loops	2	\$3,000.00	\$6,000.00	Each
Electrical Junction Box, Metal, Rated for Damp Locations	12	\$345.00	\$4,140.00	Each
Electrical Service Meter Breaker Pedestal	1	\$1,195.52	\$1,195.52	L.S.
Electrical Wire Lighting 12 AWG	264	\$0.55	\$145.20	L.F.
Electrical Wire Lighting 12 AWG	264	\$0.55	\$145.20	L.F.
Electrical Wire Lighting 6 AWG	2412	\$1.33	\$3,207.96	L.F.
Electrical Wire Lighting 6 AWG	1245	\$1.49	\$1,855.05	L.F.
Electrical Wire Lighting 8 AWG	804	\$1.32	\$1,061.28	L.F.
Electrical Wire Lighting 8 AWG	415	\$1.13	\$468.95	L.F.
Electrical Wire Traffic Signals 10 AWG	2384	\$0.62	\$1,478.08	L.F.
Electrical Service Meter Breaker Pedestal Cook Street	1	\$1,193.03	\$1,193.03	L.S.
Electronic Exit Signage	2	\$1,200.00	\$2,400.00	Each
Equipment Start-up & Testing	1	\$24,065.00	\$24,065.00	L.S.
EVP Detector Type I	2	\$654.20	\$1,308.40	Each
Excavation For Structures Bridges	1	\$3,500.00	\$3,500.00	L.S.
Exit Paystation, Includes Intercom	2	\$10,095.00	\$20,190.00	Each

Expansion Fitting 8-Inch & Bonding Jumper 24-Inch	2		\$0.00	Each
F&I all building improvements per the plans and specifications.	1	\$69,231.00	\$69,231.00	L.S.
F&I Bridge	1	\$101,000.00	\$101,000.00	L.S.
F&I Bridge abutments	2	\$32,000.00	\$64,000.00	Each
F&I Custom 'Advocate' Bike Rack	2	\$781.00	\$1,562.00	Each
F&I Electrical	1	\$19,750.00	\$19,750.00	L.S.
F&I Geo-Grid	650	\$3.54	\$2,301.00	S.Y.
F&I Light Standard CS-1716 complete	4	\$6,853.00	\$27,412.00	Each
F&I Light Standard CS-1717 complete	10	\$7,161.00	\$71,610.00	Each
F&I Light Standard CS-1962 complete including 24" banner arms and Holophane KingsTon/Prismasphere	1	\$4,447.00	\$4,447.00	Each
F&I Light Standard CS-1962 complete, including 24" Banner Arms and Holophane KingsTon/Prismasphere	5	\$4,395.00	\$21,975.00	Each
F&I New Casework and General Remodeling Complete Including Electrical.	1	\$83,500.00	\$83,500.00	L.S.
F&I new CAT 6 data cable include terminations	1300	\$3.88	\$5,044.00	L.F.
F&I New Condenser (includes electrical, structural, mechanical, and demolition) and dispose of old unit.	1	\$86,385.00	\$86,385.00	L. S.
F&I new telecommunications patch panel complete	1	\$4,000.00	\$4,000.00	L.S.
F&I New Wire Through Existing Conduit	30	\$8.30	\$249.00	L.F.
F&I New Wire Through Existing Conduit	25	\$8.30	\$207.50	L.F.
F&I Piers	4	\$23,500.00	\$94,000.00	Each
F&I Pre-manufactured Shelter	1	\$47,100.00	\$47,100.00	L.S.
F&I Sheet Pile	3120	\$28.20	\$87,984.00	S.F.
F&I Square 'U' Bike Rack	2	\$564.00	\$1,128.00	Each
F&I Stone Pillar	1	\$2,850.00	\$2,850.00	L.S.
F&I Tie-Bars & Rebars, (any size or length)	10	\$6.60	\$66.00	Each
F&I Tie-Bars & Rebars, (any size or length)	10	\$6.60	\$66.00	Each
F&I Trane Chiller	1	\$241,000.00	\$241,000.00	L.S.
F&I VAV Boxes and Control L.S.	1	\$299,790.00	\$299,790.00	L.S.
Fee Computer	1	\$31,700.00	\$31,700.00	Each
Fire Station No. 1 Generator	1	\$64,500.00	\$64,500.00	L.S.
Floor Preparation and Installation of Black Rubber Floor in GIIA	9050	\$5.63	\$50,951.50	S.F.
Furnish & place 4"-6" Breaker Run	300	\$24.00	\$7,200.00	Ton
Furnish Base and Install Flag Pole	1	\$750.00	\$750.00	L.S.
Furnish Washed Rock to Maintain Stone Tracking Pad	40	\$30.00	\$1,200.00	Ton
Furnish, Install, and Maintain Class II, Type B Erosion Mat as directed	50	\$6.00	\$300.00	S.Y.
Furnish, Install, and Maintain Class II, Type B Erosion Matt	80	\$2.00	\$160.00	S.Y.
Furnish, Install, and Maintain Incidental Erosion Control	1	\$500.00	\$500.00	L.S.
Furnish, Install, and Maintain Silt Fence	1000	\$3.72	\$3,720.00	L.F.
Furnish, Install, and Maintain Silt Fence	2400	\$2.00	\$4,800.00	L.F.

Furnish, Install, and Maintain Stone Tracking Pad	93	\$5.50	\$511.50	S Y
Geotextile Fabric	6200	\$0.68	\$4,216.00	S.F.
Geotextile Fabric Outfall Pipe A	50	\$7.00	\$350.00	S.Y.
Granular Fill Placed & Compacted	30	\$34.66	\$1,039.80	C.Y.
Heavy RipRap	1600	\$16.00	\$25,600.00	Ton
Heavy RipRap	75	\$40.00	\$3,000.00	Ton
Host/CC Server and Revenue Monitoring Software	1	\$16,000.00	\$16,000.00	L.S.
Hydrant Installation, with Fittings	3	\$800.00	\$2,400.00	Each
Initial Staff Training	1	\$55.00	\$55.00	L.S.
Inlet Protection	2	\$55.00	\$110.00	Each
Install Valve Box & Cover to Protect Water Curbstop	1	\$100.00	\$100.00	Each
Install Valve Box & Cover to Protect Water Curbstop	14	\$105.00	\$1,470.00	Each
Intercom System	1	\$15,000.00	\$15,000.00	L.S.
Interior and Exterior Door Replacement and Misc. Painting per plans and specifications	1	\$38,300.00	\$38,300.00	L.S
Junction Boxes 18x12x6-Inch	2	\$2,593.96	\$5,187.92	Each
L.E.D LUMINAIRE	2	\$997.61	\$1,995.22	Each
L.E.D Luminaire	2	\$995.20	\$1,990.40	Each
L.E.D Modules 12-Inch Green Ball	6	\$58.61	\$351.66	Each
L.E.D Modules 12-Inch Red Ball	6	\$52.74	\$316.44	Each
L.E.D Modules 12-Inch Yellow Ball	6	\$55.09	\$330.54	Each
License Plate Clearing System	1	\$0.00	\$0.00	L.S.
Lighting Control Cabinet	1	\$3,568.32	\$3,568.32	L.S.
Loop Detector Wire	50	\$1.80	\$90.00	L.F.
Loop Detector Wire	830	\$1.00	\$830.00	L.F.
Luminaire Arms Single Member 4 1/2-Inch Clamp 4-Foot	2	\$269.14	\$538.28	Each
Luminaire Arms Single Member 4 1/2-INCH CLAMP 4-FT	2	\$263.31	\$526.62	Each
Manual Swing Arms	2	\$2,500.00	\$5,000.00	Each
Material Excavation, Hauling, Replacing and Compacting	600	\$18.00	\$10,800.00	C.Y.
Misc. Site Debris Removal and Disposal	1	\$500.00	\$500.00	L.S.
Mobilization	1	\$500.00	\$500.00	L.S.
Mobilization	1	\$5,000.00	\$5,000.00	L.S.
Mobilization	1	\$2,011.52	\$2,011.52	Each
Mobilization	1	\$54,800.00	\$54,800.00	Each
Mobilization and Demobilization	1	\$17,500.00	\$17,500.00	L.S.
Multi-conductor Audio, Control & Instrumentation Cable, 20 AWG, 15 Conductors	325	\$8.40	\$2,730.00	L.F.
Multi-conductor Audio, Control & Instrumentation Cable, 20 AWG, 9 Conductors	1178	\$3.50	\$4,123.00	L.F.
Multi-conductor Audio, Control & Instrumentation Cable, 24 AWG	1211	\$3.20	\$3,875.20	L.F.
Multi-conductor Computer Cable, 24 AWG, 8 Conductors	387	\$3.70	\$1,431.90	L.F.
Multi-conductor Low Capacitance Computer Cable, 24 AWG,	1455	\$2.50	\$3,637.50	L.F.

1-pair				
Multi-conductor Low Capacitance Computer Cable, 24 AWG, 2-pair	702	\$4.20	\$2,948.40	L.F.
Pay-on-foot station	1	\$29,250.00	\$29,250.00	Each
Pedestal Bases	6	\$212.28	\$1,273.68	Each
Pile Encasement	112	\$645.00	\$72,240.00	L.F.
Pole Mounted Flag Light	1	\$500.00	\$500.00	Each
Poles Type 5-Aluminum	2	\$1,220.50	\$2,441.00	Each
Poles Type 5 Aluminum	2	\$1,099.89	\$2,199.78	Each
Power Supply Wires, #10 AWG, Hot, Neutral & Ground Wires	2770	\$0.65	\$1,800.50	L.F.
Power Supply Wires, #12 AWG, Hot, Neutral & Ground Wires	7898	\$0.55	\$4,343.90	L.F.
Pre and Post Survey	1	\$4,000.00	\$4,000.00	L.S.
Preparation and Coating of Top Flanges	1	\$5,000.00	\$5,000.00	L.S.
Prepare Foundation For Concrete Pavement	1	\$500.00	\$500.00	L.S.
Protective Surface Treatment	643	\$2.00	\$1,286.00	S.Y.
Provide 5 year Warranty Airport Generator	1	\$385.00	\$385.00	L.S.
Provide 5 year Warranty for Fire Station 1 Generator	1	\$375.00	\$375.00	L.S.
Provide spare tiles to City (no installation)	96	\$3.72	\$357.12	S.F.
Pull Boxes Steel 24x42-Inch	9	\$723.65	\$6,512.85	Each
Pull Boxes Steel 24x42-Inch	3	\$723.73	\$2,171.19	Each
Pull Boxes Steel, 24 x 48-Inch	2	\$875.00	\$1,750.00	Each
Pull Cables F&I In Each Conduit	1	\$915.00	\$915.00	L.S.
Pullboxes, Special, Steel, 12x18", With Lockable Covers F&I	2	\$830.00	\$1,660.00	Each
Quarry Stone Barrier	1	\$1,200.00	\$1,200.00	L.S.
R15-1, Grade Crossing (Crossbuck) 48"x9" railroad sign	8	\$52.00	\$416.00	Each
Railing Steel Type C3	1	\$31,000.00	\$31,000.00	L.S.
Remodel Police Shower Room per attached plans and specs. Removal and reinstallation of lockers included.	1	\$9,800.00	\$9,800.00	L.S.
Removal & Disposal Off-site, Including tie Plates & Spikes	2000	\$3.00	\$6,000.00	L.F.
Remove & Dispose Excess Excavated Material	1	\$1,559.00	\$1,559.00	L.S.
Remove & Dispose Excess Excavated Material	1	\$5,818.00	\$5,818.00	L.S.
Remove and replace existing data cable with new CAT 6 data cable including terminations	1000	\$4.88	\$4,880.00	L.F.
Remove Conduit and Lead In Cable, Any Size or Material	100	\$2.00	\$200.00	L.F.
Remove Crushed Rock Base, Any Depth	40	\$5.50	\$220.00	S.Y.
Remove Detector Loop Conduit and Wire, Any Size or Material	184	\$1.75	\$322.00	L.F.
Remove Existing Fence & Posts	1	\$1,225.00	\$1,225.00	L.S.
Remove Existing Wall	1	\$320.00	\$320.00	L.S.
Remove Fence and Posts	1	\$110.00	\$110.00	L.S.
Remove Pull Boxes, Any Size or Material	1	\$150.00	\$150.00	Each
Remove Timbers, Steel & Misc. Debris Bust-up Bottom & Breakdown Walls, Fill & Turf Restoration	1	\$2,500.00	\$2,500.00	L.S.

Removing Old Structure	1	\$54,000.00	\$54,000.00	L.S.
Removing Utility Poles	2	\$500.00	\$1,000.00	Each
Replace chlorine Enclosures at Well House 20 and 21	1	\$120,700.00	\$120,700.00	L.S.
Restoration	1	\$2,949.19	\$2,949.19	L.S.
Restroom A Alt. 1- Replace existing urinals with wall mounted fixtures	1	\$7,333.00	\$7,333.00	L.S.
Restroom A Alt. 2- Substitute plastic toilet compartments in place of metal toilet compartments	1	\$2,000.00	\$2,000.00	L.S.
Restroom A Base Bid	1	\$38,409.00	\$38,409.00	L.S.
Restroom B Alt. 2- Substitute plastic toilet compartments in place of metal toilet compartments	1	\$1,500.00	\$1,500.00	L.S.
Restroom B Base Bid	1	\$21,910.00	\$21,910.00	L.S.
Restroom C Alt. 1- Replace existing urinal with wall mounted fixtures	1	\$7,400.00	\$7,400.00	L.S.
Restroom C Alt. 2- Substitute plastic toilet compartments in place of metal toilet compartments	1	\$800.00	\$800.00	L.S.
Restroom C Base Bid	1	\$22,558.00	\$22,558.00	L.S.
Retaining Wall Removal and Slope Grading Station	1	\$2,700.00	\$2,700.00	L.S.
Retaining Wall Station	265	\$31.50	\$8,347.50	S.F.
Riprap	500	\$52.00	\$26,000.00	Ton
Rubberized Membrane Waterproofing	16	\$18.00	\$288.00	S.Y.
Sediment Logs (12")	400	\$4.00	\$1,600.00	L.F.
Shelter Column Footings (including conduit)	6	\$400.00	\$2,400.00	Each
Signal Mounting Hardware Cook Street	1	\$917.12	\$917.12	L.S.
Silt fence Installed, Maintained, and Abandoned in place	1250	\$3.00	\$3,750.00	L.F.
Site Grading to Meet Slope Criteria and Drainage	1	\$1,700.00	\$1,700.00	L.S.
Slope Wall Repair	1	\$15,500.00	\$15,500.00	L.S.
Spare 10' Aluminum Arm	2	\$250.00	\$500.00	Each
Spare Parts Kit	1	\$4,750.00	\$4,750.00	Each
Stormwater Pollution Prevention Plan	1	\$3,750.00	\$3,750.00	L.S.
Ticket Dispenser, Includes Electronic Message Signs, Intercom, and 10,000 Tickets	3	\$9,295.00	\$27,885.00	Each
Ticket Validator	2	\$1,350.00	\$2,700.00	Each
Traffic Control	1	\$9,000.60	\$9,000.60	L.S.
Traffic Signal Cabinet and Controller	1	\$22,349.48	\$22,349.48	L.S.
Traffic Signal EVP Detector Cable	848	\$0.71	\$602.08	L.F.
Traffic Signal Face 3-12 Inch Vertical	6	\$368.33	\$2,209.98	Each
Traffic Signal Standards Aluminum 13-Foot	6	\$659.08	\$3,954.48	Each
Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	2	\$358.79	\$717.58	Each
Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	2	\$364.67	\$729.34	Each
Truck Tracking Pad	1	\$1,500.00	\$1,500.00	EA
Trucking - Transportation to Landfill	2613	\$4.00	\$10,452.00	Ton
Trucking - Transportation to Landfill	170	\$4.00	\$680.00	Ton

Trucking - Transportation to Landfill	10	\$8.00	\$80.00	Ton
Undistributed Gravel, Furnished and Installed	20	\$21.00	\$420.00	Ton
Upgrade to 2 Color Fleck Floor	9050	\$0.45	\$4,072.50	S.F.
Video System Integrations	1	\$7,200.00	\$7,200.00	L.S.
W10-9, "No Train Horn" 30"x24" Warning Sign	8	\$41.00	\$328.00	Each
Total			\$3,263,470.72	
Forestry & Plantings				
Item	Amount	Cost/Unit	Total	
Brush Removal	1	\$200.00	\$200.00	L.S.
Clearing and Grubbing	1	\$1,000.00	\$1,000.00	L.S.
Diameter Inches of Tree Removal Incl. Stump Grubbing	35	\$24.00	\$840.00	D.I.
F&I Chanticleer Callery Pear, 'Cleveland Select' or 'Glen's Form' 3" min. cal., Balled & Burlapped, including Wood Chips	3	\$552.00	\$1,656.00	Each
F&I Japanese Tree Lilac, "Ivory Pillar", 3" min. cal., Balled & Burlapped	6	\$567.00	\$3,402.00	Each
F&I Patriot Elm, 3.5" min. cal. Balled Burlapped 6' min.	4	\$588.00	\$2,352.00	Each
F&I Tree Gate, Urban Accessories Inc. "Chinook" Style, 4' Sq., D.I. with logo	3	\$1,647.00	\$4,941.00	Each
Remove 8"-10" Diameter Boulevard Ash Tree, Includes Clearing & Grubbing	6	\$300.00	\$1,800.00	Each
Remove Lilac Bushes, 6'-8' Tall, Includes Clearing and Grubbing	25	\$7.50	\$187.50	S.Y.
Timber Tie Removal & Disposal Off-Site	1	\$1,500.00	\$1,500.00	LS
Tree and Stump Removal (16" to 24" diameter)	40	\$16.30	\$652.00	D.I.
Tree and Stump Removal (16" to 24" diameter)	60	\$17.80	\$1,068.00	D.I.
Tree and Stump Removal (16" to 24" diameter)	40	\$17.12	\$684.80	D.I.
Tree and Stump Removal (8" to 16" diameter)	24	\$14.30	\$343.20	D.I.
Tree and Stump Removal (8" to 16" diameter)	36	\$17.80	\$640.80	D.I.
Tree and Stump Removal (8" to 16" diameter)	24	\$14.98	\$359.52	D.I.
Tree and Stump Removal (above 24" diameter)	60	\$18.25	\$1,095.00	D.I.
Tree and Stump Removal (above 24" diameter)	90	\$21.70	\$1,953.00	D.I.
Tree and Stump Removal (above 24" diameter)	60	\$19.26	\$1,155.60	D.I.
Tree and Stump Removal (under 8" diameter)	12	\$12.00	\$144.00	D.I.
Tree Planting	16	\$800.00	\$12,800.00	Each
Tree Removal (Incl. Stump Grubbing)	60	\$35.00	\$2,100.00	D.I.
Trim & Remove Shrubs	1	\$54.00	\$54.00	L.S.
Urban Accessories Inc. "Chinook" Style, 4' Sq., D.I. with logo	10	\$1,647.00	\$16,470.00	Each
Various Non-Flowering Plantings, Furnished and Installed	75	\$105.00	\$7,875.00	Each
Watering, Fertilization, and Maintenance of Bioinfiltration Cell Vegetation	1	\$610.00	\$610.00	L.S.
Total			\$65,883.42	

CONTRACTS
2013

2013 Contracts Awarded By Month

Project Name	Date Bids Taken	Contractor	Full Contract Amount
2012-2013 Sidewalk Snow Removal	January	Midwest Roll-off	\$17,049.00
2013 Sanitary Sewer Lining	January	Visu-Sewer Inc	\$55,486.00
Agreement for Architectural Design Services for New Horizons	January	Construction Express Inc	\$10,000.00
Ebner Coulee Floodway Modification Modeling	January	Montgomery Associates	\$15,548.00
Ash Tree Removal	February	Les' Tree & Lawn Service	\$21,750.00
Brickyard Pond-Jorgonson Flats Pond Restoration	February	Kammel Custom Excavating Inc	\$17,264.00
La Crosse Center Bathrooms Remodel	February	Olympic Builders General Contractors	\$102,065.00
Boulevard Trees-Planting	February	Les Manske & Sons Excavating & Landscaping	\$18,437.00
2013 Sidewalk & Curb Ramp Replacement Program	February	Fowler & Hammer Inc	\$142,454.00
Erickson Pool Floor Repair/Replacement	March	American Pavement Solutions Inc	\$20,319.00
La Crosse Center Main Chiller Replacement	March	Winona Controls Inc	\$241,000.00
2013 Street-Painting-Long Lines	March	Twin City Striping	\$25,900.00
Generator Replacement at Fire STA and Airport	March	Klich Electric Inc	\$100,160.00
2013 Streetscape Improvements -King Street: Front to 4th Streets(Transit Center) -Third Street: Cass to King Streets (Both Sides) -Third Street: Jay to King Streets (West Side)	March	Fowler & Hammer Inc	\$310,896.00
8th Street Extension	March	Fowler & Hammer Inc	\$27,523.00
PATROS Remediation	March	Harter Trucking Inc	\$163,208.00
Library HVAC System-Temp Controls/VAV Box upgrade at Main Library	March	Winona Controls Inc	\$472,940.00
Site Cleaning-Black River Trail Spur (Quote)	April	Johnson Operation Services	\$3,500
Professional Services Agreement for Coulee Region Business Center	April	HSR Associates	\$0
2326 Commerce Site Clean-Up	April	Strupp Trucking Inc	\$161,254.00

La Crosse Center Lighting-Lobby	April	Poellinger Electric Grainger	\$15,033.00
Cook Street Signalization and Lighting	April	Poellinger Electric Inc	\$94,698.00
Agreement for Architectural-Eng. Services for Police Shower Remodel	April	I & S Group	\$2,000.00
2013 Miscellaneous Curb and Gutter Section 2: Causeway BLVD-Copeland to West	April	Fowler & Hammer Inc	\$166,201.00
La Crosse Parking Access & Revenue Control	April	Kish & Sons Electric Inc	\$101,048.00
2013 Curb & Gutter Replacement	April	Steiger Construction Inc	\$237,374
Bike Trail on Old Spur Line to Copeland Ave-clear and grub	April	JOHNSON OPERATING SERVICES	\$3,500
Chain Link Fencing-Isle La Plume	May	Moe Fencing Inc	\$19,144.00
Coulee Region Business Center (HUD)	May	Market & Johnson Inc	\$196,742.00
Curb Bump-outs and Crosswalk Treatment near Southern Bluffs Elem.	May	Steiger Construction Inc	\$10,856.00
Demo Airport Hanger	May	Midwest Roll-Off Inc	\$9,500.00
Rebuild Niedbalski Bridge	May	Lunda Construction Co.	\$590,500.00
RRFB on 900 Block of Jackson	May	Fowler & Hammer Inc	\$10,284.00
Median Islands on Losey Blvd and La Crosse St.	May	Steiger Construction Inc	\$11,780.00
2013 Alley Paving	May	Fowler & Hammer Inc	\$171,109.00
Water main Replacement-Barnabee Road	May	Hess Excavating Inc	\$173,367.00
Chad Erickson Memorial Park and Vietnam Vets Pond Improvements - Bridge, Pier, and Shelter	May	Pember Companies Inc	\$286,833.00
Consultant for Design & Construction Services of La Crosse Center HVAC Chiller & Appropriation of Funds	June	HSR Associates	\$15,000.00
Police Shower Room Remodel	June	Fowler & Hammer Inc	\$10,662.00
Replace Rubber Floor at GIIA	June	Poellinger Inc	\$55,381.00
Flood Control Levee-Reach 1 SE	June	McHugh Excavating & Plumbing Inc	\$264,272.00
Johnson Street Water Main and Curb and Gutter Replacement	June	Fowler & Hammer Inc	\$125,581.00
2013 Sidewalk In-Fill & Railroad Crossings	June	Pember Companies Inc	\$77,849*
La Crosse Airport Access & Revenue Control Systems	June	Datapark USA Inc	\$233,145
Agreement for Real Estate Services for Bike Trail from Gillette St to Oak St Incl Bridge over BNSF RR	June	Midwest Professional Appraisal Inc	\$8,000.00
Replace Condenser Tower at GIIA	July	Fowler & Hammer Inc	\$89,295.00
La Crosse Fire Station NO. 1 Floor Covering	July	Masse's Floor Coating Inc	\$5,990

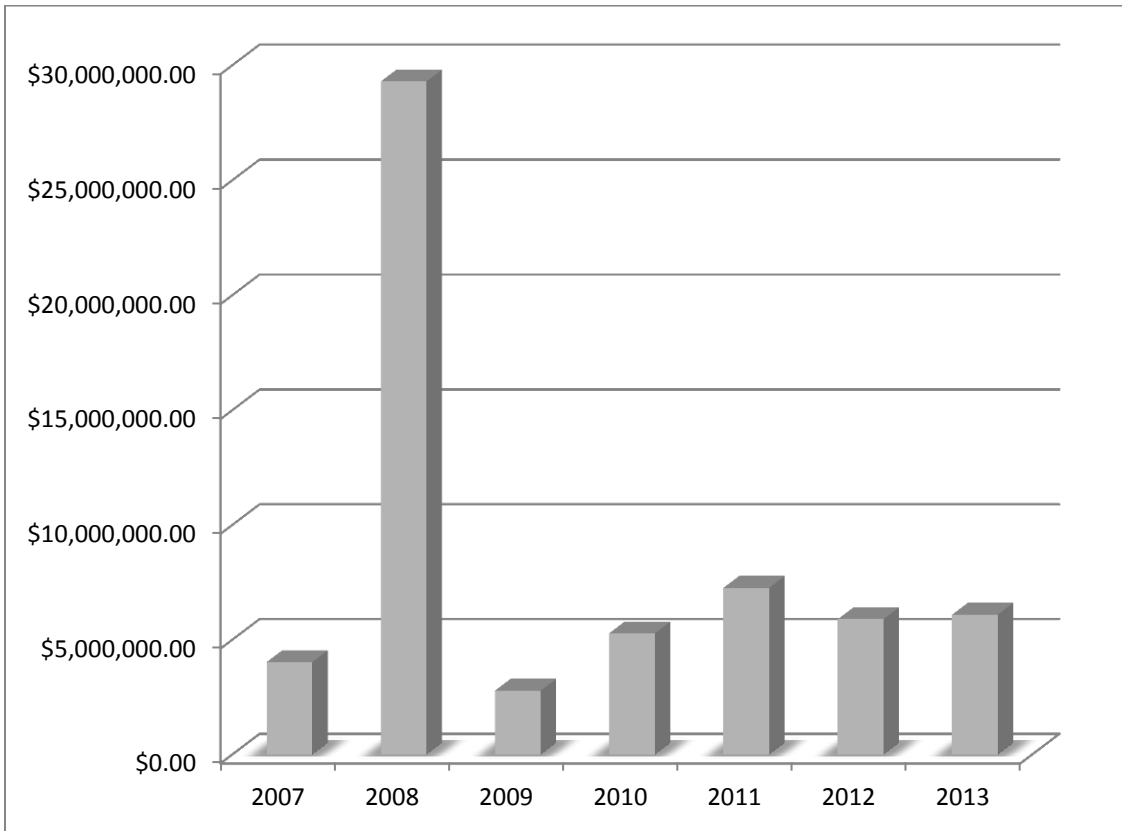
Sign Removal at 2308 Rose St. (Quote)	August	Quality Sign on 2 nd Avenue	\$4,800.00
GIIA Phase 3 Improvements-Bathrooms	August	Braund Building Center LLC	\$13,688.00
New Horizons Shelter Building Improvements (HUD)	August	Marlin Custom Builders LLC	\$71,061.00
State Road Bridge Approaches	August	CPR Inc	\$94,823.00
Street Reconstruction: Main St from 20th St to 17th	August	Steiger Construction Inc	\$243,163.00
Chad Erickson Memorial Park and Vietnam Vets Pond Improvements-Fishing Piers and Site Work	August	Wieser Brothers General Contractor Inc	\$135,569*
Curb and Gutter Replacement-21st St from Jackson to Mississippi St.	August	Steiger Construction Inc	\$25,218
Demolition-1223 Market Street	September	Les Manske & Sons Excavating & Landscaping	\$3,995.00
Green Island Ice Arena Improvements-Doors	September	Wieser Brothers General Contractor Inc	\$41,936.00
East Avenue Street Reconstruction-Adams St to Jackson St	September	Fowler & Hammer Inc	\$269,857
Campbell Road Boulevard Restoration (Quote)	October	Retaining Wall Specialists	\$15,375.00
Barron Island Sanitary Sewer Main	October	Hengel Bros Inc	\$12,506.00
IBP Trail & Outlet Master Plan	October	Applied Ecological Services	\$12,233.00
Dredge Swift Creek and Bluff Slough	October	JF Brennan Co Inc	\$252,487*
Accessible ped pushbuttons-George & Gillette and Onalaska Ave & Gillette traffic	October	TAPCO	\$9,846
La Crosse Center Lighting-Arena Seating	November	Wettstein Brothers Electric Inc	\$18,188
Consultant to Assess Hazardous Materials Prior to Demo of 1524 22nd St. S	November	Braun Intertec	\$1,535
Railroad Bridge over La Crosse River Inspection Agreement	November	Westbrook	\$20,000
Asbestos Abatement for Demolition of 1524 22nd Street S.	December	Immediate Response Abatement	\$2,380
2013-2014 Sidewalk Snow Removal	December	Midwest Roll-off Inc	\$36,675
Pump House HVAC Controls Repair	December	Diversified Electric	\$4,200*

Police Lockers Electrical Supply	December	Diversified Electric	\$11000
Demolition of 403 Avon Street	December	Les Manske & Sons	\$7,010
Demolition of 1524 22nd Street S	December	Les Manske & Sons	\$4,560

*Contract Amount

CONTRACTS AWARDED

YEAR	NO. OF CONTRACTS	AMOUNT
2007	52	\$4,024,378.90
2008	58	\$29,295,015.39
2009	47	\$2,782,519.88
2010	41	\$5,280,256.03
2011	41	\$7,262,471.00
2012	60	\$5,908,916.55
2013	76	\$6,090,822.60



ANNEXATIONS
2013

ANNEXATION

Location	Size
Town of Medary Mathy II Annexation	5.572Acres(.0087 sq mi)
Town of Shelby Dobson Annexation	53.53 Acres(0.0836 sq mi)
City of La Crosse Size:	22.41 sq mi

Permits 2013

CITY OF LA CROSSE PERMITS ISSUED

STREET PRIVILEGE PERMITS	
YEAR	PERMITS
2009	144
2010	158
2011	176
2012	220
2013	148

DUMPSTER PERMITS	
YEAR	PERMITS
2009	193
2010	359
2011	618
2012	464
2013	320

EXCAVATION PERMITS	
YEAR	PERMITS
2009	208
2010	190
2011	176
2012	240
2013	235

SIDEWALK SNOW		
YEAR	Sites Cleared	BILLS
2009	230	\$39,360.50
2010	112	\$29,848.50
2011	89	\$23,165.00
2012	34	\$7,644.20
2013	161	\$30,903.00

SIDEWALK PERMITS	
YEAR	PERMITS
2009	27
2010	35
2011	15
2012	16
2013	18

DRIVEWAY PERMITS	
YEAR	PERMITS
2009	23
2010	37
2011	22
2012	27
2013	25

Sidewalk Grades Set
2013

Sidewalk Replacement		
Year	Square Feet of Sidewalk	Cost
2010	6,844	\$19,536.40
2011	13,175	\$62,980.80
2012	13,400	\$69,588.00
2013	24,613	\$112,052.6

Sidewalk Grinding			
Year	Number of Properties	Inch/Foot	Cost
2009	146	1,082.2511	\$10,000.00
2010	96	415.00	\$4,150.00
2011	184	1,202.00	\$3,485.80
2012	0	0	0
2013	0	0	0

Weights and Measures 2013

Weights & Measures Statistics		
Year	# of Customers	Total Amount Billed
2009	35*	\$6,538.00
2010**	134	\$24,038.00
2011**	140	\$24,130.00
2012**	156	\$25,453.00
2013**	161	\$27,032.00

*** Weights and Measures Position Open**

**** Weights and Measures inspection by State**

WATER QUALITY MANAGEMENT
APPROVALS
2013

WATER QUALITY MANAGEMENT PLANS

The Wisconsin Department of Natural Resources administers and developed area-wide quality management plans pursuant to Wisconsin Administrative Code NR 121.

As of January 1, 1989 the State gave the City Engineer of La Crosse the authority to conduct sewer plan conformance reviews for the La Crosse Sewer Service Area Plan 1999-2020. The department of Natural Resources requested the City to conduct these reviews to increase the efficiency of implementing the plan.

The plan requires requests for any public sewer extension and request for any new commercial or industrial development or for any residential development greater than a duplex. To obtain Water Quality Management letter of approval from the City Engineer.

Following is a tabulation of the number of approval request by the year:

2009	6 Requests
2010	12 Requests
2011	5 Requests
2012	6 Requests
2013	8 Requests

TRAFFIC ENGINEERING SECTION
2013

TRAFFIC ENGINEERING SECTION

Traffic Signals and Beacons	
2009	Grand River Station (Jay St., 3 rd St.) Losey Blvd. & State Road River Valley Dr. & Gillette St.
2010	Rose St/Gillette St
2011	Traffic Signals -Losey Blvd & Ward Ave Beacons -4 th St & Pine St -Hwy 35 -Riverview Dr
2012	1 Full Signal Replacement -Losey Blvd & Main St 2 New Rectangular Rapid Flashing Beacons -Losey Blvd & Johnson St -2500 State Road 133 Signal Direction Tests, Opticom System 5 Conflict Monitors Tested 4 New or Replaced Signal Cabinets 5 New or Reprogrammed Traffic Controllers
2013	1 Signal Study/Preliminary Design -Losey Blvd & Green Bay St 1 New RRFB(s) -900 Jackson St 133 Signal Detections, Opticom 5 Conflict Monitors Tested 4 New or Replaced Signal Cabinets 6 New or Reprogrammed Controllers

Street Lighting	
2009	Grand River Station (Jay St., 3 rd St., King St.) Gunderson Lutheran (South Ave.)
2010	Copeland Ave La Crosse Country Law Enforcement Center King St 6 th St Main St Parking Ramp
2011	100 King St, 100 Jay St, 300 Jay St, 300 2nd St S, 300 Front St S, 700 3 rd St S, 800 3 rd St S, Elm Dr & Peace St
2012	21 Street Light Evaluations/t Readings 5 New Safety Street Lights 3 New Decorative Street Lights 24 Street Lighting Conversions to LED
2013	12 Street Lighting Studies 5 New Safety Street Lights 300 3rd St S, 400 3rd St S, 300 King, 300 Jay

Typed Reports, Memos and Letters*	
2009	58
2010	67
2011	56
2012	57
2013	71

*Includes News Releases and Findings and Orders

Year	Traffic Control Plans	Parade Permits	Moving Permits	Residential Parking Permits	Parking Petitions
2009	59	38	26	44	13
2010	51	42	9	28	9
2011	67	41	57	21	7
2012	32	41	85	16	8
2013	46	36	23	10	3

Fiber Optics	
Year	Cable/Termination Points/Cabinets/Panels
2012	2600+ Ft of Fiber Optic Cable Installed (Includes bored, trenched, and interior building conduits) 4 New Termination Panels 2 New Fiber Optic Termination Cabinets 96 Fiber Optic Termination Points
2013	3500 Ft of Fiber Optic Cable Installed (Includes conduit) 6 New Termination Panels 72 Fiber Optic Termination Points (by Public Works for parking ramps)

Traffic Calming						
Year	Speed Tables	Intersection Corner Bump-Outs	Raised Intersection	Raised Median Island	Bio-Retention Devices	Speed Indicator Signs
2012	6	6	3	1	10	0
2013	0	12	1	2	4	6

Miscellaneous Traffic Work

Year	Striping & Sharrows	Studies/Evaluations
2010	Down Town Parking Citywide Cross Walks and Turn Lanes	Opticom Testing x75 Conflict Monitor Testing x27 Lighting –Sims Place at Gunderson -2100 State St -3000 Glendale Ave 9 th /Ferry Intersection Caledonia/Gillette Intersection Granddad Bluff Rd Safe Routes to School Traffic Count x6 Crosswalk Evaluation x49 Intersection Sight Distance x4 Crash Report Diagram x4
2011	Down Town Parking Citywide Cross Walks Bike Lanes -River Valley Dr & St James/St Cloud St -La Crosse St -Vine St -7 th St -32 nd St -33 rd St -Ward Ave -Ranger Drive Sharrows -7 th St -6 th St -Main St -Bliss Rd -32 nd St	Opticom Testing Conflict Monitor Testing x11 Lighting x20 Various Locations Safe Routes to School Traffic Count x14 Crosswalk Evaluation x8 Intersection Sight Distance x3 Crash Report Diagram x7 City Wide Fiber Optic Interconnect with WisDOT STP-Urban -33 rd St -East Ave -Oak St Cunningham St New Palace St Vacated Losey Blvd & Main St Signal Design
2012	-16 Block Faces Re-Painted for Parallel Parking (Maintenance) -2 Block Faces Painted for Parallel Parking (New) -180 Miles, Long Line Painting/Striping -189 Bike Lane Symbols Painted -299 “Sharrow” Symbols Painted -650 crosswalks painted, maintenance -11 crosswalk evaluations, painting	-4 Traffic Counts -5 crosswalk evaluations, signing -3 permanent traffic control intersection - signing evaluations -1 intersection evaluation for traffic signal, warrant analysis, traffic impact analysis

Miscellaneous Traffic Work (continued)

Year	Signing & Marking	Studies/Evaluations/Plans
2013	<ul style="list-style-type: none"> -18 Block Faces Re-Painted for Parallel Parking (Maintenance) -180 Miles, Long Line Painting/Striping -650 crosswalks painted, maintenance -10 crosswalk evaluations, painting -10 crosswalk evaluations, signing -6 permanent traffic control intersection - signing evaluations 	<ul style="list-style-type: none"> -13 Traffic Counts -6 intersection evaluation for traffic signal, warrant analysis, traffic impact analysis -6 crash report diagrams -6 intersection sight distance evaluations Digger's Hotline: <ul style="list-style-type: none"> -16 days on-call -4 tickets called in STP-Urban projects: <ul style="list-style-type: none"> -Oak St construction -33rd St construction -6th St estimates and application -Market St estimates and application Safe Routes to School: <ul style="list-style-type: none"> -scope change -intergovernmental agreement -updated State/Municipal agreement Sidewalks: <ul style="list-style-type: none"> -new sidewalk added: 2600 Main St; Main St, Cass St, and Farnam St railroad crossings; and 33rd St S Retroreflectivity: <ul style="list-style-type: none"> -sign database created -GIS website integration started 2,000 signs inventoried

Storm Water Utility Credit Review 2013

Storm Water Utility Statistics				
Year	Residential Credit Applications	Commercial Credit Applications	Partial Exemptions	Full Exemptions
2012	20	117	22	71
2013	10	32	9	16

DESIGN REVIEWS
2013

Design Reviews

2009	LHI bldg. 3 (vision triangle), WTC 7 th Street (DR), Baus Haus, Walgreen's (Losey & MCR), Subway, CTH B Condos, Miletto (DR), 4635 Mormon Coulee, Kwik Trip, 5 th & Cass, Suber Manor, Firefighters Credit Union, Candlelight Hotel, Fowler & Hammer, Black River Beach House, Redeveloped Quillin's, WTC 7 th Street (east), WTC 7 th Street (alley), Walgreen's (STH 16), Mike Stopla
2010	Dahl Ford x3, Bethany Church, La Crosse Business Park, Gunderson Lutheran Parking Ramp, Trane Company Plant 6, Rose St Business Condos, Pischke Nissan, Riverside Center III, Hillview, La Crosse Housing Authority, Schuh Homes, Kwik Trip Mormon Coulee Rd, Ebner Coulee, Kwik Trip Lang/Island, Pogy, 3809 Cliffside, 602 9 th Street So., Riverside Parking Ramp
2011	Dublin Square, Northwood's Elementary, Viterbo, Festival Foods, Cabin Coffee, Texas Roadhouse, La Crosse Community Theater, Gunderson Lutheran Psych Building, Gunderson Lutheran Bike Shelter, Goodwill, 912 Gould St
2012	Triplex at 1022 Vine Street, Breidenback Development, Duplex at 816-818 Copeland Ave, KFC Remodeling, Gunderson Lutheran Biomass CHP System, Kwik Trip Addition, Bentz Chiropractic, 22 Commercial/Multi-Family(including parking lots)
2013	Midtown Building, 15 Unit Apartment Building, Duplex at 1465 Green Bay St, State Bank Addition, Bethany Lutheran Homes, Bluffview Apartments, Northside Elementary, 24 Unit Apartments Complex Vine & 13th