

City of West Allis
2011 Project No. 6
Bid Opening - 3/10/11

STREET CONSTRUCTION, SANITARY SEWER RELAY, STORM SEWER RELAY, STORM SEWER WATER MAIN RELAY, BUILDING SERVICES, UTILITY ADJUSTMENTS

1. West Grant Street from South 84th Street to South 90th Street
2. South 85th Street from West Becher Street to West Grant Street
3. South 86th Street from West Becher Street to West Grant Street

ITEM	UNITS	Bid Bond 5%			Bid Bond 5%		
		PRICE	TOTAL	PRICE	TOTAL	PRICE	TOTAL
1 Excavation	3,636 Cu. Yds.	\$13.10	47,631.60	15.00	54,540.00		
2 Borrow Excavation	272 Cu. Yds.	\$0.01	2.72	1.00	272.00		
3 Sodding	3,660 Sq. Yds.	\$6.83	24,997.80	7.50	27,450.00		
4 Asphalt/Concrete Sawing	1,010 Lin. Ft.	\$3.20	3,232.00	1.40	1,414.00		
5 Walk & Drive Removal	30,360 Sq. Ft.	\$0.32	9,715.20	0.50	15,180.00		
6 Curb Removal	5,390 Sq. Ft.	\$5.62	30,291.80	2.40	12,936.00		
7 Pavement Removal	4,700 Sq. Yds.	\$4.80	22,560.00	3.50	16,450.00		
8 Asphalt Surface Removal	190 Sq. Yds.	\$3.00	570.00	3.30	627.00		
9 5" Concrete Sidewalk	21,730 Sq. Ft.	\$3.15	68,449.50	3.70	80,401.00		
10 7" Concrete Walk & Drive	8,920 Sq. Ft.	\$3.70	33,004.00	4.10	36,572.00		
11 H.E.S. 7" Concrete Walk & Drive	900 Sq. Ft.	\$4.25	3,825.00	4.70	4,230.00		
12 Curb Ramp Detectable Warning Field	136 Sq. Ft.	\$34.00	4,624.00	35.00	4,760.00		
13 31" Concrete Curb and Gutter	7,860 Lin. Ft.	\$10.09	79,307.40	10.90	85,674.00		
14 H.E.S. 31" Concrete Curb and Gutter	250 Lin. Ft.	\$11.39	2,847.50	15.50	3,875.00		
15 7" Concrete Pavement	11,000 Sq. Yds.	\$22.85	251,350.00	23.20	255,200.00		
16 H.E.S. 7" Concrete Pavement	470 Sq. Yds.	\$26.35	12,384.50	30.30	14,241.00		
17 8" Concrete Base	180 Sq. Yds.	\$34.00	6,120.00	21.00	3,780.00		
18 H.E.S. 9" Concrete Pavement	350 Sq. Yds.	\$41.00	14,350.00	47.00	16,450.00		
19 Pavement Ties	210 Each	\$6.00	1,260.00	7.00	1,470.00		
20 4" Underdrain, Complete	570 Lin. Ft.	\$20.00	11,400.00	12.00	6,840.00		
21 Base Aggregate Dense, 1-1/4"	3,670 Tons	\$13.10	48,077.00	11.00	40,370.00		
22 Tack Coat	27 Gallons	\$4.00	108.00	2.00	54.00		
23 HMA Pavement (Type E-0.3)	45 Tons	\$125.00	5,625.00	228.00	10,260.00		
24 Temporary HMA Pavement	21 Tons	\$125.00	2,625.00	219.00	4,599.00		
25 Installing Conduit, Underground	6,617 Lin. Ft.	\$7.10	46,980.70	6.00	39,702.00		
26 Pavement Marking, Crosswalk, Epoxy 6-inch (Whi	124 Lin. Ft.	\$11.55	1,432.20	11.00	1,364.00		
27 Pavement Marking, Stop Bar, Epoxy 18-inch (Whi	30 Lin. Ft.	\$18.90	567.00	18.00	540.00		
28 18" Dia. Storm Sewer Relay	406 Lin. Ft.	\$46.00	18,676.00	64.00	25,984.00		
29 15" Dia. Storm Sewer Relay	332 Lin. Ft.	\$44.00	14,608.00	58.50	19,422.00		
30 15" Dia. Storm Sewer	62 Lin. Ft.	\$39.00	2,418.00	58.50	3,627.00		
31 12" Dia. Storm Sewer Relay	378 Lin. Ft.	\$43.00	16,254.00	60.00	22,680.00		
32 12" Dia. Storm Sewer	2,120 Lin. Ft.	\$40.00	84,800.00	60.00	127,200.00		
33 6" Dia. Building Storm Sewer (71)	1,294 Lin. Ft.	\$33.00	42,702.00	50.00	64,700.00		
34 6" Storm Reconnection	2 Units	\$110.00	220.00	395.00	790.00		
35 3-6" Dia. Storm Manhole (26)	133 Vert. Ft.	\$221.00	29,393.00	300.00	39,900.00		
36 Catch Basins	26 Units	\$1,110.00	28,860.00	1,085.00	28,210.00		
37 Cut-In Underdrain Connection	1 Unit	\$102.00	102.00	189.00	189.00		
38 Storm Manhole Abandonment	2 Units	\$360.00	720.00	560.00	1,120.00		
39 Catch Basin Abandonment	3 Units	\$360.00	1,080.00	375.00	1,125.00		
40 8" Dia. Sanitary Sewer Relay	2,049 Lin. Ft.	\$110.00	225,390.00	112.00	229,488.00		
41 3-6" Dia. Sanitary Manhole (6)	66 Vert. Ft.	\$215.00	14,190.00	215.00	14,190.00		
42 6" Dia. Building Sanitary Sewer (70)	1,380 Lin. Ft.	\$107.00	147,660.00	80.00	110,400.00		
43 8" Dia. Sanitary Sewer Bulkhead	4 Units	\$140.00	560.00	350.00	1,400.00		
44 Install Internal Sanitary Manhole Seals	7 Units	\$160.00	1,120.00	245.00	1,715.00		
45 Sanitary Manhole Abandonments	3 Units	\$724.00	2,172.00	500.00	1,500.00		
46 6" D.I.W.M. (Relay), Class 53 (R.G.J.)	2,641 Lin. Ft.	\$85.00	227,126.00	77.00	203,357.00		
47 1" Copper Water Service (67)	1,402 Lin. Ft.	\$74.00	103,748.00	55.00	77,110.00		
48 1" Water Service Reconnections	2 Units	\$650.00	1,300.00	190.00	380.00		
49 Hydrants	8 Units	\$1,097.00	8,776.00	1,700.00	13,600.00		
50 6" Valve	5 Units	\$140.00	700.00	375.00	1,875.00		
51 Cut-Out 6" on 6" Tee	1 Unit	\$2,170.00	2,170.00	1,400.00	1,400.00		
52 Cap Hydrant Branches	2 Units	\$200.00	400.00	490.00	980.00		
53 6" Water Main Connection	2 Units	\$4,700.00	9,400.00	3,770.00	7,540.00		
54 6" Water Main Crossing	1 Unit	\$2,000.00	2,000.00	4,500.00	4,500.00		
55 S. 90th St 6" Water Main Connection	1 Unit	\$3,400.00	3,400.00	4,700.00	4,700.00		
56 S. 89th St 6" Water Main Connection With Hydran	1 Unit	\$5,957.00	5,957.00	3,750.00	3,750.00		
57 S. 88th St 6" Water Main Connection	1 Unit	\$2,845.00	2,845.00	4,200.00	4,200.00		
58 S. 87th St 6" Water Main Connection With Hydran	1 Unit	\$4,370.00	4,370.00	5,200.00	5,200.00		
59 S. 86th St 6" Water Main Connection	1 Unit	\$3,100.00	3,100.00	4,400.00	4,400.00		
60 16" Water Main Alteration	1 Unit	\$23,625.00	23,625.00	21,000.00	21,000.00		
61 Adjust Catch Basin Frames	28 Each	\$475.00	13,300.00	250.00	7,000.00		
62 Adjust Storm Manhole Frames	26 Each	\$475.00	12,350.00	250.00	6,500.00		
63 Adjust Sanitary Manhole Frames	7 Each	\$475.00	3,325.00	250.00	1,750.00		
64 Adjust Water Valve Box	24 Each	\$227.00	5,448.00	250.00	6,000.00		
65 Inlet Protection Barriers	39 Units	\$60.00	2,340.00	37.00	1,443.00		
66 Manhole Protection Barriers	33 Units	\$150.00	4,950.00	37.00	1,221.00		
67 Traffic Control	1 Lump Sum	\$800.00	800.00	30,400.00	30,400.00		
Total			1,805,692.92		1,841,197.00		

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**STREET CONSTRUCTION, SANITARY SEWER RELAY, STC
WATER MAIN RELAY, BUILDING SERVICES, UTILITY ADJL**

1. West Grant Street from South 84th Street to South 90th Street
2. South 85th Street from West Becher Street to West Grant Street
3. South 86th Street from West Becher Street to West Grant Street

ITEM	UNITS	Bid Bond 5%		Bid Bond 5%	
		PRICE	TOTAL	PRICE	TOTAL
1 Excavation	3,636 Cu. Yds.	13.14	47,777.04	14.00	50,904.00
2 Borrow Excavation	272 Cu. Yds.	10.00	2,720.00	20.00	5,440.00
3 Sodding	3,660 Sq. Yds.	6.88	25,180.80	6.00	21,960.00
4 Asphalt/Concrete Sawing	1,010 Lin. Ft.	1.45	1,464.50	0.70	707.00
5 Walk & Drive Removal	30,360 Sq. Ft.	0.65	19,734.00	0.55	16,598.00
6 Curb Removal	5,390 Sq. Ft.	2.50	13,475.00	3.15	16,978.50
7 Pavement Removal	4,700 Sq. Yds.	3.87	18,189.00	4.80	22,560.00
8 Asphalt Surface Removal	190 Sq. Yds.	5.00	950.00	6.00	1,140.00
9 5" Concrete Sidewalk	21,730 Sq. Ft.	3.10	67,363.00	3.20	69,536.00
10 7" Concrete Walk & Drive	8,920 Sq. Ft.	3.90	34,788.00	3.70	33,004.00
11 H.E.S. 7" Concrete Walk & Drive	900 Sq. Ft.	4.25	3,825.00	4.25	3,825.00
12 Curb Ramp Detectable Warning Field	136 Sq. Ft.	33.00	4,488.00	34.00	4,624.00
13 31" Concrete Curb and Gutter	7,860 Lin. Ft.	9.90	77,814.00	8.70	68,382.00
14 H.E.S. 31" Concrete Curb and Gutter	250 Lin. Ft.	14.00	3,500.00	10.00	2,500.00
15 7" Concrete Pavement	11,000 Sq. Yds.	26.49	291,390.00	23.40	257,400.00
16 H.E.S. 7" Concrete Pavement	470 Sq. Yds.	29.49	13,860.30	26.35	12,384.50
17 8" Concrete Base	180 Sq. Yds.	26.49	4,768.20	34.00	6,120.00
18 H.E.S. 9" Concrete Pavement	350 Sq. Yds.	44.89	15,711.50	41.00	14,350.00
19 Pavement Ties	210 Each	7.00	1,470.00	6.00	1,260.00
20 4" Underdrain, Complete	570 Lin. Ft.	15.30	8,721.00	10.00	5,700.00
21 Base Aggregate Dense, 1-1/4"	3,670 Tons	11.50	42,205.00	11.40	41,838.00
22 Tack Coat	27 Gallons	5.00	135.00	5.00	135.00
23 HMA Pavement (Type E-0.3)	45 Tons	150.00	6,750.00	150.00	6,750.00
24 Temporary HMA Pavement	21 Tons	150.00	3,150.00	150.00	3,150.00
25 Installing Conduit, Underground	6,617 Lin. Ft.	4.50	29,776.50	18.30	121,091.10
26 Pavement Marking, Crosswalk, Epoxy 6-inch (Whi	124 Lin. Ft.	11.00	1,364.00	11.00	1,364.00
27 Pavement Marking, Stop Bar, Epoxy 18-Inch (Whi	30 Lin. Ft.	18.00	540.00	18.00	540.00
28 18" Dia. Storm Sewer Relay	406 Lin. Ft.	56.70	23,020.20	73.00	29,638.00
29 15" Dia. Storm Sewer Relay	332 Lin. Ft.	55.30	18,359.60	59.00	22,988.00
30 15" Dia. Storm Sewer	62 Lin. Ft.	55.30	3,428.60	67.00	4,154.00
31 12" Dia. Storm Sewer Relay	378 Lin. Ft.	52.70	19,920.60	66.00	24,948.00
32 12" Dia. Storm Sewer	2,120 Lin. Ft.	50.50	107,060.00	64.50	136,740.00
33 6" Dia. Building Storm Sewer (71)	1,294 Lin. Ft.	41.00	53,054.00	68.00	87,992.00
34 6" Storm Reconnection	2 Units	110.00	220.00	100.00	200.00
35 3'-6" Dia. Storm Manhole (26)	133 Vert. Ft.	240.00	31,920.00	140.00	18,620.00
36 Catch Basins	26 Units	1,269.00	32,994.00	1,400.00	36,400.00
37 Cut-In Underdrain Connection	1 Unit	178.00	178.00	500.00	500.00
38 Storm Manhole Abandonment	2 Units	300.00	600.00	250.00	500.00
39 Catch Basin Abandonment	3 Units	200.00	600.00	250.00	750.00
40 8" Dia. Sanitary Sewer Relay	2,049 Lin. Ft.	110.90	227,234.10	98.00	200,802.00
41 3'-6" Dia. Sanitary Manhole (6)	66 Vert. Ft.	276.00	18,216.00	180.00	11,880.00
42 6" Dia. Building Sanitary Sewer (70)	1,380 Lin. Ft.	80.44	111,007.20	85.00	117,300.00
43 8" Dia. Sanitary Sewer Bulkhead	4 Units	155.00	620.00	150.00	600.00
44 Install Internal Sanitary Manhole Seals	7 Units	125.00	875.00	100.00	700.00
45 Sanitary Manhole Abandonments	3 Units	430.00	1,290.00	250.00	750.00
46 6" D.I.W.M. (Relay), Class 53 (R.G.J.)	2,641 Lin. Ft.	85.30	225,277.30	79.00	208,639.00
47 1" Copper Water Service (67)	1,402 Lin. Ft.	59.50	83,419.00	84.00	117,768.00
48 1" Water Service Reconections	2 Units	875.00	1,750.00	700.00	1,400.00
49 Hydrants	8 Units	1,255.00	10,040.00	700.00	5,600.00
50 6" Valve	5 Units	150.00	750.00	70.00	350.00
51 Cut-Out 6" on 6" Tee	1 Unit	2,172.00	2,172.00	4,000.00	4,000.00
52 Cap Hydrant Branches	2 Units	550.00	1,100.00	600.00	1,200.00
53 6" Water Main Connection	2 Units	2,333.00	4,666.00	4,600.00	9,200.00
54 6" Water Main Crossing	1 Unit	3,787.00	3,787.00	2,000.00	2,000.00
55 S. 90th St 6" Water Main Connection	1 Unit	2,615.00	2,615.00	5,000.00	5,000.00
56 S. 89th St 6" Water Main Connection With Hydran	1 Unit	9,520.00	9,520.00	9,500.00	9,500.00
57 S. 88th St 6" Water Main Connection	1 Unit	2,222.00	2,222.00	4,200.00	4,200.00
58 S. 87th St 6" Water Main Connection With Hydran	1 Unit	4,134.00	4,134.00	8,600.00	8,600.00
59 S. 86th St 6" Water Main Connection	1 Unit	2,367.00	2,367.00	4,800.00	4,800.00
60 16" Water Main Alteration	1 Unit	23,594.00	23,594.00	19,000.00	19,000.00
61 Adjust Catch Basin Frames	28 Each	300.00	8,400.00	200.00	5,600.00
62 Adjust Storm Manhole Frames	26 Each	300.00	7,800.00	200.00	5,200.00
63 Adjust Sanitary Manhole Frames	7 Each	300.00	2,100.00	200.00	1,400.00
64 Adjust Water Valve Box	24 Each	150.00	3,600.00	100.00	2,400.00
65 Inlet Protection Barriers	39 Units	49.00	1,911.00	50.00	1,950.00
66 Manhole Protection Barriers	33 Units	49.00	1,617.00	50.00	1,650.00
67 Traffic Control	1 Lump Sum	56,000.00	56,000.00	7,011.90	7,011.90
Total			1,850,548.44		1,912,192.00

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1 Excavation	3,636 Cu. Yds.	12.50	45,450.00	12.50	45,450.00
2 Borrow Excavation	272 Cu. Yds.	12.50	3,400.00	1.00	272.00
3 Sodding	3,660 Sq. Yds.	6.00	21,960.00	5.95	21,777.00
4 Asphalt/Concrete Sawing	1,010 Lin. Ft.	2.00	2,020.00	1.40	1,414.00
5 Walk & Drive Removal	30,360 Sq. Ft.	0.50	15,180.00	0.45	13,662.00
6 Curb Removal	5,390 Sq. Ft.	5.75	30,992.50	2.00	10,780.00
7 Pavement Removal	4,700 Sq. Yds.	5.00	23,500.00	2.00	9,400.00
8 Asphalt Surface Removal	190 Sq. Yds.	15.00	2,850.00	6.00	1,140.00
9 5" Concrete Sidewalk	21,730 Sq. Ft.	3.70	80,401.00	3.00	65,190.00
10 7" Concrete Walk & Drive	8,920 Sq. Ft.	4.10	36,572.00	3.80	33,896.00
11 H.E.S. 7" Concrete Walk & Drive	900 Sq. Ft.	4.70	4,230.00	4.50	4,050.00
12 Curb Ramp Detectable Warning Field	136 Sq. Ft.	35.00	4,760.00	28.00	3,808.00
13 31" Concrete Curb and Gutter	7,860 Lin. Ft.	10.90	85,674.00	11.50	90,390.00
14 H.E.S. 31" Concrete Curb and Gutter	250 Lin. Ft.	15.50	3,875.00	20.00	5,000.00
15 7" Concrete Pavement	11,000 Sq. Yds.	23.20	255,200.00	25.00	275,000.00
16 H.E.S. 7" Concrete Pavement	470 Sq. Yds.	30.30	14,241.00	35.00	16,450.00
17 8" Concrete Base	180 Sq. Yds.	21.00	3,780.00	25.00	4,500.00
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19 Pavement Ties	210 Each	7.00	1,470.00	7.00	1,470.00
20 4" Underdrain, Complete	570 Lin. Ft.	20.00	11,400.00	20.00	11,400.00
21 Base Aggregate Dense, 1-1/4"	3,670 Tons	15.00	55,050.00	10.50	38,535.00
22 Tack Coat	27 Gallons	5.00	135.00	5.00	135.00
23 HMA Pavement (Type E-0.3)	45 Tons	150.00	6,750.00	150.00	6,750.00
24 Temporary HMA Pavement	21 Tons	150.00	3,150.00	150.00	3,150.00
25 Installing Conduit, Underground	6,617 Lin. Ft.	8.00	52,936.00	6.73	44,532.41
26 Pavement Marking, Crosswalk, Epoxy 6-inch (Whi)	124 Lin. Ft.	11.00	1,364.00	11.00	1,364.00
27 Pavement Marking, Stop Bar, Epoxy 18-inch (Whi)	30 Lin. Ft.	18.00	540.00	18.00	540.00
28 18" Dia. Storm Sewer Relay	406 Lin. Ft.	72.50	29,435.00	67.50	27,405.00
29 15" Dia. Storm Sewer Relay	332 Lin. Ft.	65.50	21,746.00	62.00	20,584.00
30 15" Dia. Storm Sewer	62 Lin. Ft.	62.00	3,844.00	78.00	4,836.00
31 12" Dia. Storm Sewer Relay	378 Lin. Ft.	61.00	23,058.00	59.00	22,302.00
32 12" Dia. Storm Sewer	2,120 Lin. Ft.	65.00	137,800.00	62.00	131,440.00
33 6" Dia. Building Storm Sewer (71)	1,294 Lin. Ft.	60.00	77,640.00	71.00	91,874.00
34 6" Storm Reconnection	2 Units	600.00	1,200.00	625.00	1,250.00
35 3'-6" Dia. Storm Manhole (26)	133 Vert. Ft.	160.00	21,280.00	300.00	39,900.00
36 Catch Basins	26 Units	1,000.00	26,000.00	860.00	22,360.00
37 Cut-in Underdrain Connection	1 Unit	100.00	100.00	200.00	200.00
38 Storm Manhole Abandonment	2 Units	200.00	400.00	200.00	400.00
39 Catch Basin Abandonment	3 Units	150.00	450.00	100.00	300.00
40 8" Dia. Sanitary Sewer Relay	2,049 Lin. Ft.	110.00	225,390.00	122.50	251,002.50
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42 6" Dia. Building Sanitary Sewer (70)	1,380 Lin. Ft.	80.00	110,400.00	112.00	154,560.00
43 8" Dia. Sanitary Sewer Bulkhead	4 Units	275.00	1,100.00	50.00	200.00
44 Install Internal Sanitary Manhole Seals	7 Units	150.00	1,050.00	115.00	805.00
45 Sanitary Manhole Abandonments	3 Units	550.00	1,650.00	260.00	780.00
46 6" D.I.W.M. (Relay), Class 63 (R.G.J.)	2,641 Lin. Ft.	90.00	237,690.00	88.00	232,408.00
47 1" Copper Water Service (67)	1,402 Lin. Ft.	66.00	92,532.00	66.00	92,532.00
48 1" Water Service Reconections	2 Units	850.00	1,700.00	935.00	1,870.00
49 Hydrants	8 Units	1,200.00	9,600.00	1,170.00	9,360.00
50 6" Valve	5 Units	500.00	2,500.00	125.00	625.00
51 Cut-Out 6" on 6" Tee	1 Unit	3,500.00	3,500.00	3,900.00	3,900.00
52 Cap Hydrant Branches	2 Units	1,500.00	3,000.00	225.00	450.00
53 6" Water Main Connection	2 Units	2,000.00	4,000.00	2,960.00	5,920.00
54 6" Water Main Crossing	1 Unit	5,000.00	5,000.00	3,625.00	3,625.00
55 S. 90th St 6" Water Main Connection	1 Unit	4,000.00	4,000.00	5,700.00	5,700.00
56 S. 89th St 6" Water Main Connection With Hydran	1 Unit	10,000.00	10,000.00	9,800.00	9,800.00
57 S. 88th St 6" Water Main Connection	1 Unit	4,000.00	4,000.00	3,780.00	3,780.00
58 S. 87th St 6" Water Main Connection With Hydran	1 Unit	7,000.00	7,000.00	5,900.00	5,900.00
59 S. 86th St 6" Water Main Connection	1 Unit	4,000.00	4,000.00	4,960.00	4,960.00
60 16" Water Main Alteration	1 Unit	25,000.00	25,000.00	23,500.00	23,500.00
61 Adjust Catch Basin Frames	28 Each	250.00	7,000.00	230.00	6,440.00
62 Adjust Storm Manhole Frames	26 Each	200.00	5,200.00	235.00	6,110.00
63 Adjust Sanitary Manhole Frames	7 Each	250.00	1,750.00	200.00	1,400.00
64 Adjust Water Valve Box	24 Each	100.00	2,400.00	115.00	2,760.00
65 Inlet Protection Barriers	39 Units	50.00	1,950.00	49.00	1,911.00
66 Manhole Protection Barriers	33 Units	50.00	1,650.00	50.00	1,650.00
67 Traffic Control	1 Lump Sum	5,000.00	5,000.00	30,000.00	30,000.00
Total			1,915,895.50		1,961,162.91

Rawson Contractors, Inc.
P.O. Box 566
Sussex, WI 53089

LaLonde Contractors, Inc.
P.O. Box 070420
Milwaukee, WI 53207

City of West Allis
2011 Project No. 6
Bid Opening - 3/10/11

**STREET CONSTRUCTION, SANITARY SEWER RELAY, STC
WATER MAIN RELAY, BUILDING SERVICES, UTILITY ADJL**

1. West Grant Street from South 84th Street to South 90th Street
2. South 85th Street from West Becher Street to West Grant Street
3. South 86th Street from West Becher Street to West Grant Street

ITEM	UNITS		Bid Bond 5%		Bid Bond 5%	
	PRICE	TOTAL	PRICE	TOTAL	PRICE	TOTAL
1 Excavation		3,636 Cu. Yds.	14.00	50,904.00	22.80	82,900.80
2 Borrow Excavation		272 Cu. Yds.	20.00	5,440.00	15.00	4,080.00
3 Sodding		3,660 Sq. Yds.	9.70	35,502.00	6.00	21,960.00
4 Asphalt/Concrete Sawing		1,010 Lin. Ft.	1.50	1,515.00	1.60	1,616.00
5 Walk & Drive Removal		30,360 Sq. Ft.	0.55	16,698.00	0.50	15,180.00
6 Curb Removal		5,390 Sq. Ft.	3.20	17,248.00	2.90	15,631.00
7 Pavement Removal		4,700 Sq. Yds.	4.80	22,560.00	4.95	23,265.00
8 Asphalt Surface Removal		190 Sq. Yds.	6.00	1,140.00	4.10	779.00
9 5" Concrete Sidewalk		21,730 Sq. Ft.	3.15	68,449.50	3.73	81,052.90
10 7" Concrete Walk & Drive		8,920 Sq. Ft.	3.70	33,004.00	4.13	36,839.60
11 H.E.S. 7" Concrete Walk & Drive		900 Sq. Ft.	4.25	3,825.00	4.74	4,266.00
12 Curb Ramp Detectable Warning Field		136 Sq. Ft.	34.00	4,624.00	35.30	4,800.80
13 31" Concrete Curb and Gutter		7,860 Lin. Ft.	8.70	68,382.00	13.20	103,752.00
14 H.E.S. 31" Concrete Curb and Gutter		250 Lin. Ft.	10.00	2,500.00	17.85	4,462.50
15 7" Concrete Pavement		11,000 Sq. Yds.	22.85	251,350.00	23.40	257,400.00
16 H.E.S. 7" Concrete Pavement		470 Sq. Yds.	26.35	12,384.50	30.55	14,358.50
17 8" Concrete Base		180 Sq. Yds.	34.00	6,120.00	21.20	3,816.00
18 H.E.S. 9" Concrete Pavement		350 Sq. Yds.	41.00	14,350.00	47.40	16,590.00
19 Pavement Ties		210 Each	6.00	1,260.00	7.10	1,491.00
20 4" Underdrain, Complete		570 Lin. Ft.	6.50	3,705.00	11.75	6,697.50
21 Base Aggregate Dense, 1-1/4"		3,670 Tons	10.80	39,636.00	12.55	46,058.50
22 Tack Coat		27 Gallons	5.00	135.00	5.05	136.35
23 HMA Pavement (Type E-0.3)		45 Tons	150.00	6,750.00	170.95	7,692.75
24 Temporary HMA Pavement		21 Tons	150.00	3,150.00	159.65	3,352.65
25 Installing Conduit, Underground		6,617 Lin. Ft.	6.75	44,664.75	3.05	20,181.85
26 Pavement Marking, Crosswalk, Epoxy 6-inch (Whi		124 Lin. Ft.	11.00	1,364.00	11.10	1,376.40
27 Pavement Marking, Stop Bar, Epoxy 18-inch (Whi		30 Lin. Ft.	18.00	540.00	18.15	544.50
28 18" Dia. Storm Sewer Relay		406 Lin. Ft.	66.00	26,796.00	70.35	28,562.10
29 15" Dia. Storm Sewer Relay		332 Lin. Ft.	62.00	20,584.00	59.15	19,637.80
30 15" Dia. Storm Sewer		62 Lin. Ft.	90.00	5,580.00	93.75	5,812.50
31 12" Dia. Storm Sewer Relay		378 Lin. Ft.	50.00	18,900.00	53.00	20,034.00
32 12" Dia. Storm Sewer		2,120 Lin. Ft.	65.00	137,800.00	54.95	116,494.00
33 6" Dia. Building Storm Sewer (71)		1,294 Lin. Ft.	72.00	93,168.00	53.65	69,423.10
34 6" Storm Reconnection		2 Units	100.00	200.00	251.10	502.20
35 3'-6" Dia. Storm Manhole (26)		133 Vert. Ft.	220.00	29,260.00	276.85	36,821.05
36 Catch Basins		26 Units	975.00	25,350.00	1,551.00	40,326.00
37 Cut-in Underdrain Connection		1 Unit	500.00	500.00	118.10	118.10
38 Storm Manhole Abandonment		2 Units	175.00	350.00	324.75	649.50
39 Catch Basin Abandonment		3 Units	150.00	450.00	324.75	974.25
40 8" Dia. Sanitary Sewer Relay		2,049 Lin. Ft.	120.00	245,880.00	106.30	217,808.70
41 3'-6" Dia. Sanitary Manhole (6)		66 Vert. Ft.	135.00	8,910.00	285.70	18,856.20
42 6" Dia. Building Sanitary Sewer (70)		1,380 Lin. Ft.	130.00	179,400.00	100.90	139,242.00
43 8" Dia. Sanitary Sewer Bulkhead		4 Units	100.00	400.00	290.00	1,160.00
44 Install Internal Sanitary Manhole Seals		7 Units	100.00	700.00	157.00	1,099.00
45 Sanitary Manhole Abandonments		3 Units	300.00	900.00	1,320.00	3,960.00
46 6" D.I.W.M. (Relay), Class 53 (R.G.J.)		2,641 Lin. Ft.	84.00	221,844.00	91.45	241,519.45
47 1" Copper Water Service (67)		1,402 Lin. Ft.	91.00	127,582.00	93.50	131,087.00
48 1" Water Service Reconnections		2 Units	116.00	232.00	1,185.00	2,370.00
49 Hydrants		8 Units	1,900.00	15,200.00	1,649.00	13,192.00
50 6" Valve		5 Units	700.00	3,500.00	168.00	840.00
51 Cut-Out 6" on 6" Tee		1 Unit	2,650.00	2,650.00	3,138.00	3,138.00
52 Cap Hydrant Branches		2 Units	650.00	1,300.00	1,466.00	2,932.00
53 6" Water Main Connection		2 Units	2,750.00	5,500.00	3,406.00	6,812.00
54 6" Water Main Crossing		1 Unit	6,800.00	6,800.00	6,025.00	6,025.00
55 S. 90th St 6" Water Main Connection		1 Unit	3,400.00	3,400.00	4,264.00	4,264.00
56 S. 89th St 6" Water Main Connection With Hydran		1 Unit	14,500.00	14,500.00	16,157.00	16,157.00
57 S. 88th St 6" Water Main Connection		1 Unit	2,850.00	2,850.00	3,115.00	3,115.00
58 S. 87th St 6" Water Main Connection With Hydran		1 Unit	8,575.00	8,575.00	7,418.00	7,418.00
59 S. 86th St 6" Water Main Connection		1 Unit	3,100.00	3,100.00	3,205.00	3,205.00
60 16" Water Main Alteration		1 Unit	26,900.00	26,900.00	26,586.00	26,586.00
61 Adjust Catch Basin Frames		28 Each	400.00	11,200.00	251.00	7,028.00
62 Adjust Storm Manhole Frames		26 Each	400.00	10,400.00	251.00	6,526.00
63 Adjust Sanitary Manhole Frames		7 Each	400.00	2,800.00	253.00	1,771.00
64 Adjust Water Valve Box		24 Each	100.00	2,400.00	204.00	4,896.00
65 Inlet Protection Barriers		39 Units	65.00	2,535.00	106.00	4,134.00
66 Manhole Protection Barriers		33 Units	75.00	2,475.00	98.00	3,234.00
67 Traffic Control		1 Lump Sum	10,000.00	10,000.00	20,250.00	20,250.00
Total				1,998,071.75		2,018,261.55

City of West Allis
2011 Project No. 6
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**STREET CONSTRUCTION, SANITARY SEWER RELAY, STC
WATER MAIN RELAY, BUILDING SERVICES, UTILITY ADJL**

1. West Grant Street from South 84th Street to South 90th Street
2. South 85th Street from West Becher Street to West Grant Street
3. South 86th Street from West Becher Street to West Grant Street

ITEM	UNITS	Bid Bond 5%		Bid Bond 5%	
		PRICE	TOTAL	PRICE	TOTAL
1 Excavation	3,636 Cu. Yds.	14.00	50,904.00	30.00	109,080.00
2 Borrow Excavation	272 Cu. Yds.	20.00	5,440.00	30.00	8,160.00
3 Sodding	3,660 Sq. Yds.	6.00	21,960.00	11.00	40,260.00
4 Asphalt/Concrete Sawing	1,010 Lin. Ft.	1.50	1,515.00	2.00	2,020.00
5 Walk & Drive Removal	30,360 Sq. Ft.	0.55	16,698.00	0.60	18,216.00
6 Curb Removal	5,390 Sq. Ft.	3.20	17,248.00	6.00	32,340.00
7 Pavement Removal	4,700 Sq. Yds.	4.80	22,560.00	20.00	94,000.00
8 Asphalt Surface Removal	190 Sq. Yds.	6.00	1,140.00	20.00	3,800.00
9 5" Concrete Sidewalk	21,730 Sq. Ft.	3.15	68,449.50	3.90	84,747.00
10 7" Concrete Walk & Drive	8,920 Sq. Ft.	3.70	33,004.00	4.30	38,356.00
11 H.E.S. 7" Concrete Walk & Drive	900 Sq. Ft.	4.25	3,825.00	4.95	4,455.00
12 Curb Ramp Detectable Warning Field	136 Sq. Ft.	34.00	4,624.00	36.75	4,998.00
13 31" Concrete Curb and Gutter	7,860 Lin. Ft.	8.70	68,382.00	11.45	89,997.00
14 H.E.S. 31" Concrete Curb and Gutter	250 Lin. Ft.	10.00	2,500.00	16.30	4,075.00
15 7" Concrete Pavement	11,000 Sq. Yds.	22.85	251,350.00	24.35	267,850.00
16 H.E.S. 7" Concrete Pavement	470 Sq. Yds.	26.35	12,384.50	31.80	14,946.00
17 8" Concrete Base	180 Sq. Yds.	34.00	6,120.00	22.00	3,960.00
18 H.E.S. 9" Concrete Pavement	350 Sq. Yds.	41.00	14,350.00	50.00	17,500.00
19 Pavement Ties	210 Each	6.00	1,260.00	10.00	2,100.00
20 4" Underdrain, Complete	570 Lin. Ft.	12.00	6,840.00	20.00	11,400.00
21 Base Aggregate Dense, 1-1/4"	3,670 Tons	11.40	41,838.00	15.00	55,050.00
22 Tack Coat	27 Gallons	10.00	270.00	5.00	135.00
23 HMA Pavement (Type E-0.3)	45 Tons	110.00	4,950.00	100.00	4,500.00
24 Temporary HMA Pavement	21 Tons	110.00	2,310.00	100.00	2,100.00
25 Installing Conduit, Underground	6,617 Lin. Ft.	6.73	44,532.41	20.00	132,340.00
26 Pavement Marking, Crosswalk, Epoxy 6-inch (Whi)	124 Lin. Ft.	11.00	1,364.00	20.00	2,480.00
27 Pavement Marking, Stop Bar, Epoxy 18-inch (Whi)	30 Lin. Ft.	18.00	540.00	40.00	1,200.00
28 18" Dia. Storm Sewer Relay	406 Lin. Ft.	70.00	28,420.00	55.00	22,330.00
29 15" Dia. Storm Sewer Relay	332 Lin. Ft.	65.00	21,580.00	52.00	17,264.00
30 15" Dia. Storm Sewer	62 Lin. Ft.	4.030.00	4,030.00	52.00	3,224.00
31 12" Dia. Storm Sewer Relay	378 Lin. Ft.	60.00	22,680.00	50.00	18,900.00
32 12" Dia. Storm Sewer	2,120 Lin. Ft.	60.00	127,200.00	50.00	106,000.00
33 6" Dia. Building Storm Sewer (71)	1,294 Lin. Ft.	85.00	109,990.00	50.00	64,700.00
34 6" Storm Reconnection	2 Units	300.00	600.00	100.00	200.00
35 3'-6" Dia. Storm Manhole (26)	133 Vert. Ft.	200.00	26,600.00	210.00	27,930.00
36 Catch Basins	26 Units	1,100.00	28,600.00	1,100.00	28,600.00
37 Cut-In Underdrain Connection	1 Unit	300.00	300.00	100.00	100.00
38 Storm Manhole Abandonment	2 Units	400.00	800.00	150.00	300.00
39 Catch Basin Abandonment	3 Units	400.00	1,200.00	150.00	450.00
40 8" Dia. Sanitary Sewer Relay	2,049 Lin. Ft.	108.00	221,292.00	90.00	184,410.00
41 3'-6" Dia. Sanitary Manhole (6)	66 Vert. Ft.	160.00	10,560.00	180.00	11,880.00
42 6" Dia. Building Sanitary Sewer (70)	1,380 Lin. Ft.	110.00	151,800.00	95.00	131,100.00
43 8" Dia. Sanitary Sewer Bulkhead	4 Units	200.00	800.00	100.00	400.00
44 Install Internal Sanitary Manhole Seals	7 Units	200.00	1,400.00	100.00	700.00
45 Sanitary Manhole Abandonments	3 Units	500.00	1,500.00	250.00	750.00
46 6" D.I.W.M. (Relay), Class 53 (R.G.J.)	2,641 Lin. Ft.	104.00	274,664.00	75.00	198,075.00
47 1" Copper Water Service (67)	1,402 Lin. Ft.	110.00	154,220.00	75.00	105,150.00
48 1" Water Service Reconnections	2 Units	1,000.00	2,000.00	500.00	1,000.00
49 Hydrants	8 Units	1,700.00	13,600.00	800.00	6,400.00
50 6" Valve	5 Units	200.00	1,000.00	100.00	500.00
51 Cut-Out 6" on 6" Tee	1 Unit	3,600.00	3,600.00	2,500.00	2,500.00
52 Cap Hydrant Branches	2 Units	700.00	1,400.00	750.00	1,500.00
53 6" Water Main Connection	2 Units	3,500.00	7,000.00	2,500.00	5,000.00
54 6" Water Main Crossing	1 Unit	5,000.00	5,000.00	3,000.00	3,000.00
55 S. 90th St 6" Water Main Connection	1 Unit	4,000.00	4,000.00	5,800.00	5,800.00
56 S. 89th St 6" Water Main Connection With Hydrant	1 Unit	11,000.00	11,000.00	15,500.00	15,500.00
57 S. 88th St 6" Water Main Connection	1 Unit	3,500.00	3,500.00	4,800.00	4,800.00
58 S. 87th St 6" Water Main Connection With Hydrant	1 Unit	7,500.00	7,500.00	11,800.00	11,800.00
59 S. 86th St 6" Water Main Connection	1 Unit	2,000.00	2,000.00	4,000.00	4,000.00
60 16" Water Main Alteration	1 Unit	23,000.00	23,000.00	24,500.00	24,500.00
61 Adjust Catch Basin Frames	28 Each	400.00	11,200.00	275.00	7,700.00
62 Adjust Storm Manhole Frames	26 Each	400.00	10,400.00	275.00	7,150.00
63 Adjust Sanitary Manhole Frames	7 Each	400.00	2,800.00	275.00	1,925.00
64 Adjust Water Valve Box	24 Each	250.00	6,000.00	150.00	3,600.00
65 Inlet Protection Barriers	39 Units	50.00	1,950.00	30.00	1,170.00
66 Manhole Protection Barriers	33 Units	50.00	1,650.00	30.00	990.00
67 Traffic Control	1 Lump Sum	10,000.00	10,000.00	30,000.00	30,000.00
Total			2,023,194.41		2,111,363.00