

**City of West Allis
2009 Project No. 9
Bid Opening - 7/30/09**

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

1. S. 88th Street from West Becher Street to West Grant Street
2. S. Orleans Avenue from South 88th Street to West Stuth Avenue

ITEM	UNITS	Bid Bond 5%		Bid Bond 5%	
		PRICE	TOTAL	PRICE	TOTAL
1 Excavation	1,539 Cu. Yds.	\$20.00	30,780.00	\$13.00	20,007.00
2 Borrow Excavation	140 Cu. Yds.	\$8.00	1,120.00	\$10.00	1,400.00
3 Sodding	2,190 Sq. Yds.	\$7.17	15,702.30	\$7.50	16,425.00
4 Asphalt/Concrete Sawing	490 Lin. Ft.	\$1.50	735.00	\$1.50	735.00
5 Walk & Drive Removal	10,680 Sq. Ft.	\$0.50	5,340.00	\$0.45	4,806.00
6 Pavement Removal	3,190 Sq. Yds.	\$2.85	9,091.50	\$5.40	17,226.00
7 Asphalt Surface Removal	220 Sq. Yds.	\$4.50	990.00	\$5.40	1,188.00
8 5" Concrete Sidewalk	5,570 Sq. Ft.	\$3.45	19,216.50	\$3.45	19,216.50
9 7" Concrete Walk & Drive	5,110 Sq. Ft.	\$4.05	20,695.50	\$4.05	20,695.50
10 Curb Ramp Detectable Warning Field	48 Sq. Ft.	\$35.00	1,680.00	\$35.00	1,680.00
11 31" Concrete Curb and Gutter	3,620 Lin. Ft.	\$14.05	50,861.00	\$14.05	50,861.00
12 7" Concrete Pavement	5,200 Sq. Yds.	\$26.22	136,344.00	\$26.22	136,344.00
13 8" Concrete Base	30 Sq. Yds.	\$23.00	690.00	\$23.00	690.00
14 Pavement Ties	110 Each	\$10.00	1,100.00	\$10.00	1,100.00
15 4" Underdrain, Complete	420 Lin. Ft.	\$10.00	4,200.00	\$10.00	4,200.00
16 Base Aggregate Dense, 1-1/4"	1,750 Tons	\$10.00	17,500.00	\$14.00	24,500.00
17 Tack Coat	31 Gallons	\$3.00	93.00	\$3.00	93.00
18 HMA Pavement (Type E-0.3)	52 Tons	\$160.00	8,320.00	\$160.00	8,320.00
19 Installing Conduit, Underground	1,782 Lin. Ft.	\$5.00	8,910.00	\$3.50	6,237.00
20 12" Dia. Storm Sewer	1,365 Lin. Ft.	\$42.00	57,330.00	\$45.00	61,425.00
21 18" Dia. Storm Sewer	318 Lin. Ft.	\$35.00	11,130.00	\$44.00	13,992.00
22 5'-0" Dia. Storm Manhole (2)	11 Vert. Ft.	\$245.00	2,695.00	\$200.00	2,200.00
23 3'-6" Dia. Storm Manhole (8)	43 Vert. Ft.	\$140.00	6,020.00	\$170.00	7,310.00
24 Rebuild 3'-6" Dia. Storm Manhole (1)	2 Vert. Ft.	\$250.00	500.00	\$230.00	460.00
25 6" Dia. Building Storm Sewer (47)	850 Lin. Ft.	\$30.00	25,500.00	\$37.00	31,450.00
26 Catch Basins	17 Units	\$800.00	13,600.00	\$730.00	12,410.00
27 Catch Basin Abandonments	2 Units	\$500.00	1,000.00	\$120.00	240.00
28 8" Dia. Sanitary Sewer Relay	1,424 Lin. Ft.	\$93.00	132,432.00	\$82.00	116,768.00
29 3'-6" Dia. Sanitary Manhole (9)	91 Vert. Ft.	\$289.00	26,299.00	\$124.00	11,284.00
30 Rebuild 3'-6" Dia. Sanitary Manhole (1)	3 Vert. Ft.	\$505.00	1,515.00	\$180.00	540.00
31 6" Dia. Building Sanitary Sewer (50)	980 Lin. Ft.	\$42.00	41,160.00	\$101.00	98,980.00
32 12" Dia. Sanitary Sewer Bulkheads	2 Units	\$500.00	1,000.00	\$174.00	348.00
33 Install Internal Sanitary Manhole Seals	10 Units	\$150.00	1,500.00	\$133.00	1,330.00
34 8" Dia. Sanitary Spot Relay	1 Unit	\$2,800.00	2,800.00	\$1,900.00	1,900.00
35 Sanitary Manhole Abandonment	1 Unit	\$750.00	750.00	\$120.00	120.00
36 6" D.I.W.M. (Relay), Class 53 (R.G.J.)	834 Lin. Ft.	\$82.00	68,388.00	\$80.00	66,720.00
37 1" Copper Water Service (33)	599 Lin. Ft.	\$48.00	28,752.00	\$46.00	27,554.00
38 6" Water Main Connections	2 Units	\$875.00	1,750.00	\$3,400.00	6,800.00
39 Hydrants	2 Units	\$1,987.00	3,974.00	\$830.00	1,660.00
40 Hydrant Relocation with Valve	1 Unit	\$3,500.00	3,500.00	\$1,900.00	1,900.00
41 Hydrant Relocation	1 Unit	\$3,000.00	3,000.00	\$2,100.00	2,100.00
42 Hydrant Replacement	1 Unit	\$2,500.00	2,500.00	\$1,500.00	1,500.00
43 6" Valves	2 Units	\$800.00	1,600.00	\$100.00	200.00
44 Adjust Catch Basin Frames	17 Each	\$300.00	5,100.00	\$215.00	3,655.00
45 Adjust Storm Manhole Frames	11 Each	\$300.00	3,300.00	\$215.00	2,365.00
46 Adjust Sanitary Manhole Frames	9 Each	\$300.00	2,700.00	\$215.00	1,935.00
47 Adjust Water Valve Box	10 Each	\$180.00	1,800.00	\$150.00	1,500.00
48 Inlet Protection Barriers	26 Units	\$50.00	1,300.00	\$30.00	780.00
49 Manhole Protection Barriers	20 Units	\$50.00	1,000.00	\$30.00	600.00
50 Traffic Control	1 Lump Sum	\$10,000.00	10,000.00	\$20,000.00	20,000.00
Total			797,263.80		835,750.00

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WATER MAIN RELAY, BUILDING SERVICES & UTILIT**

1. S. 88th Street from West Becher Street to West Grant Street
2. S. Orleans Avenue from South 88th Street to West Stuth Avenue

ITEM	UNITS	Bid Bond 5%		Bid Bond 5%	
		PRICE	TOTAL	PRICE	TOTAL
1 Excavation	1,539 Cu. Yds.	\$16.59	25,532.01	\$13.50	20,776.50
2 Borrow Excavation	140 Cu. Yds.	\$21.21	2,969.40	\$5.00	700.00
3 Sodding	2,190 Sq. Yds.	\$6.25	13,687.50	\$7.50	16,425.00
4 Asphalt/Concrete Sawing	490 Lin. Ft.	\$1.40	686.00	\$2.00	980.00
5 Walk & Drive Removal	10,680 Sq. Ft.	\$0.69	7,369.20	\$2.00	21,360.00
6 Pavement Removal	3,190 Sq. Yds.	\$4.13	13,174.70	\$6.00	19,140.00
7 Asphalt Surface Removal	220 Sq. Yds.	\$6.53	1,436.60	\$10.00	2,200.00
8 5" Concrete Sidewalk	5,570 Sq. Ft.	\$3.61	20,107.70	\$3.45	19,216.50
9 7" Concrete Walk & Drive	5,110 Sq. Ft.	\$5.04	25,754.40	\$4.05	20,695.50
10 Curb Ramp Detectable Warning Field	48 Sq. Ft.	\$31.08	1,491.84	\$35.00	1,680.00
11 31" Concrete Curb and Gutter	3,620 Lin. Ft.	\$14.48	52,417.60	\$14.05	50,861.00
12 7" Concrete Pavement	5,200 Sq. Yds.	\$25.83	134,316.00	\$26.22	136,344.00
13 8" Concrete Base	30 Sq. Yds.	\$47.49	1,424.70	\$23.00	690.00
14 Pavement Ties	110 Each	\$7.53	828.30	\$10.00	1,100.00
15 4" Underdrain, Complete	420 Lin. Ft.	\$12.08	5,073.60	\$20.46	8,593.20
16 Base Aggregate Dense, 1-1/4"	1,750 Tons	\$11.13	19,477.50	\$20.00	35,000.00
17 Tack Coat	31 Gallons	\$3.00	93.00	\$3.00	93.00
18 HMA Pavement (Type E-0.3)	52 Tons	\$160.00	8,320.00	\$160.00	8,320.00
19 Installing Conduit, Underground	1,782 Lin. Ft.	\$3.45	6,147.90	\$9.00	16,038.00
20 12" Dia. Storm Sewer	1,365 Lin. Ft.	\$45.00	61,425.00	\$58.50	79,852.50
21 18" Dia. Storm Sewer	318 Lin. Ft.	\$44.00	13,992.00	\$65.00	20,670.00
22 5'-0" Dia. Storm Manhole (2)	11 Vert. Ft.	\$200.00	2,200.00	\$300.00	3,300.00
23 3'-6" Dia. Storm Manhole (8)	43 Vert. Ft.	\$170.00	7,310.00	\$250.00	10,750.00
24 Rebuild 3'-6" Dia. Storm Manhole (1)	2 Vert. Ft.	\$230.00	460.00	\$300.00	600.00
25 6" Dia. Building Storm Sewer (47)	850 Lin. Ft.	\$37.00	31,450.00	\$50.00	42,500.00
26 Catch Basins	17 Units	\$730.00	12,410.00	\$1,000.00	17,000.00
27 Catch Basin Abandonments	2 Units	\$120.00	240.00	\$400.00	800.00
28 8" Dia. Sanitary Sewer Relay	1,424 Lin. Ft.	\$82.00	116,768.00	\$90.00	128,160.00
29 3'-6" Dia. Sanitary Manhole (9)	91 Vert. Ft.	\$124.00	11,284.00	\$205.00	18,655.00
30 Rebuild 3'-6" Dia. Sanitary Manhole (1)	3 Vert. Ft.	\$180.00	540.00	\$300.00	900.00
31 6" Dia. Building Sanitary Sewer (50)	980 Lin. Ft.	\$101.00	98,980.00	\$85.50	83,790.00
32 12" Dia. Sanitary Sewer Bulkheads	2 Units	\$174.00	348.00	\$300.00	600.00
33 Install Internal Sanitary Manhole Seals	10 Units	\$133.00	1,330.00	\$100.00	1,000.00
34 8" Dia. Sanitary Spot Relay	1 Unit	\$1,900.00	1,900.00	\$3,500.00	3,500.00
35 Sanitary Manhole Abandonment	1 Unit	\$120.00	120.00	\$2,000.00	2,000.00
36 6" D.I.W.M. (Relay), Class 53 (R.G.J.)	834 Lin. Ft.	\$80.00	66,720.00	\$73.00	60,882.00
37 1" Copper Water Service (33)	599 Lin. Ft.	\$46.00	27,554.00	\$65.00	38,935.00
38 6" Water Main Connections	2 Units	\$3,400.00	6,800.00	\$2,500.00	5,000.00
39 Hydrants	2 Units	\$830.00	1,660.00	\$1,000.00	2,000.00
40 Hydrant Relocation with Valve	1 Unit	\$1,900.00	1,900.00	\$1,000.00	1,000.00
41 Hydrant Relocation	1 Unit	\$2,100.00	2,100.00	\$1,000.00	1,000.00
42 Hydrant Replacement	1 Unit	\$1,500.00	1,500.00	\$1,000.00	1,000.00
43 6" Valves	2 Units	\$100.00	200.00	\$100.00	200.00
44 Adjust Catch Basin Frames	17 Each	\$215.00	3,655.00	\$250.00	4,250.00
45 Adjust Storm Manhole Frames	11 Each	\$215.00	2,365.00	\$250.00	2,750.00
46 Adjust Sanitary Manhole Frames	9 Each	\$215.00	1,935.00	\$250.00	2,250.00
47 Adjust Water Valve Box	10 Each	\$150.00	1,500.00	\$125.00	1,250.00
48 Inlet Protection Barriers	26 Units	\$36.83	957.58	\$50.00	1,300.00
49 Manhole Protection Barriers	20 Units	\$46.83	936.60	\$25.00	500.00
50 Traffic Control	1 Lump Sum	\$22,025.20	22,025.20	\$2,000.00	2,000.00
Total			842,873.33		918,607.20

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2. S. Orleans Avenue from South 88th Street to West Stuth Avenue

ITEM	UNITS	Bid Bond 5%		Bid Bond 5%	
		PRICE	TOTAL	PRICE	TOTAL
1 Excavation	1,539 Cu. Yds.	\$18.35	28,240.65	\$16.00	24,624.00
2 Borrow Excavation	140 Cu. Yds.	\$13.35	1,869.00	\$14.50	2,030.00
3 Sodding	2,190 Sq. Yds.	\$7.55	16,534.50	\$7.25	15,877.50
4 Asphalt/Concrete Sawing	490 Lin. Ft.	\$1.50	735.00	\$1.35	661.50
5 Walk & Drive Removal	10,680 Sq. Ft.	\$0.75	8,010.00	\$0.25	2,670.00
6 Pavement Removal	3,190 Sq. Yds.	\$4.25	13,557.50	\$4.50	14,355.00
7 Asphalt Surface Removal	220 Sq. Yds.	\$3.45	759.00	\$1.50	330.00
8 5" Concrete Sidewalk	5,570 Sq. Ft.	\$3.44	19,160.80	\$3.50	19,495.00
9 7" Concrete Walk & Drive	5,110 Sq. Ft.	\$4.33	22,126.30	\$4.00	20,440.00
10 Curb Ramp Detectable Warning Field	48 Sq. Ft.	\$40.80	1,958.40	\$35.00	1,680.00
11 31" Concrete Curb and Gutter	3,620 Lin. Ft.	\$10.50	38,010.00	\$14.15	51,223.00
12 7" Concrete Pavement	5,200 Sq. Yds.	\$32.13	167,076.00	\$28.50	148,200.00
13 8" Concrete Base	30 Sq. Yds.	\$32.64	979.20	\$23.00	690.00
14 Pavement Ties	110 Each	\$6.12	673.20	\$10.00	1,100.00
15 4" Underdrain, Complete	420 Lin. Ft.	\$18.00	7,560.00	\$11.50	4,830.00
16 Base Aggregate Dense, 1-1/4"	1,750 Tons	\$13.48	23,590.00	\$10.50	18,375.00
17 Tack Coat	31 Gallons	\$10.50	325.50	\$3.00	93.00
18 HMA Pavement (Type E-0.3)	52 Tons	\$147.00	7,644.00	\$161.00	8,372.00
19 Installing Conduit, Underground	1,782 Lin. Ft.	\$5.00	8,910.00	\$6.50	11,583.00
20 12" Dia. Storm Sewer	1,365 Lin. Ft.	\$49.00	66,885.00	\$52.50	71,662.50
21 18" Dia. Storm Sewer	318 Lin. Ft.	\$52.00	16,536.00	\$58.00	18,444.00
22 5'-0" Dia. Storm Manhole (2)	11 Vert. Ft.	\$334.00	3,674.00	\$380.00	4,180.00
23 3'-6" Dia. Storm Manhole (8)	43 Vert. Ft.	\$241.00	10,363.00	\$245.00	10,535.00
24 Rebuild 3'-6" Dia. Storm Manhole (1)	2 Vert. Ft.	\$346.00	692.00	\$440.00	880.00
25 6" Dia. Building Storm Sewer (47)	850 Lin. Ft.	\$48.00	40,800.00	\$68.50	58,225.00
26 Catch Basins	17 Units	\$1,526.00	25,942.00	\$940.00	15,980.00
27 Catch Basin Abandonments	2 Units	\$330.00	660.00	\$185.00	370.00
28 8" Dia. Sanitary Sewer Relay	1,424 Lin. Ft.	\$109.00	155,216.00	\$101.25	144,180.00
29 3'-6" Dia. Sanitary Manhole (9)	91 Vert. Ft.	\$242.00	22,022.00	\$175.00	15,925.00
30 Rebuild 3'-6" Dia. Sanitary Manhole (1)	3 Vert. Ft.	\$290.00	870.00	\$368.00	1,104.00
31 6" Dia. Building Sanitary Sewer (50)	980 Lin. Ft.	\$75.50	73,990.00	\$120.00	117,600.00
32 12" Dia. Sanitary Sewer Bulkheads	2 Units	\$500.00	1,000.00	\$205.00	410.00
33 Install Internal Sanitary Manhole Seals	10 Units	\$200.00	2,000.00	\$130.00	1,300.00
34 8" Dia. Sanitary Spot Relay	1 Unit	\$7,000.00	7,000.00	\$3,500.00	3,500.00
35 Sanitary Manhole Abandonment	1 Unit	\$800.00	800.00	\$475.00	475.00
36 6" D.I.W.M. (Relay), Class 53 (R.G.J.)	834 Lin. Ft.	\$75.50	62,967.00	\$78.00	65,052.00
37 1" Copper Water Service (33)	599 Lin. Ft.	\$57.00	34,143.00	\$73.50	44,026.50
38 6" Water Main Connections	2 Units	\$3,000.00	6,000.00	\$3,225.00	6,450.00
39 Hydrants	2 Units	\$600.00	1,200.00	\$985.00	1,970.00
40 Hydrant Relocation with Valve	1 Unit	\$2,500.00	2,500.00	\$3,050.00	3,050.00
41 Hydrant Relocation	1 Unit	\$2,000.00	2,000.00	\$2,870.00	2,870.00
42 Hydrant Replacement	1 Unit	\$1,500.00	1,500.00	\$2,100.00	2,100.00
43 6" Valves	2 Units	\$400.00	800.00	\$67.50	135.00
44 Adjust Catch Basin Frames	17 Each	\$450.00	7,650.00	\$240.00	4,080.00
45 Adjust Storm Manhole Frames	11 Each	\$424.00	4,664.00	\$240.00	2,640.00
46 Adjust Sanitary Manhole Frames	9 Each	\$560.00	5,040.00	\$240.00	2,160.00
47 Adjust Water Valve Box	10 Each	\$200.00	2,000.00	\$210.00	2,100.00
48 Inlet Protection Barriers	26 Units	\$52.50	1,365.00	\$50.00	1,300.00
49 Manhole Protection Barriers	20 Units	\$100.00	2,000.00	\$50.00	1,000.00
50 Traffic Control	1 Lump Sum	\$5,000.00	5,000.00	\$8,335.00	8,335.00
Total			934,998.05		958,668.00