

City of West Allis
2016 Project No. 7
Bid Opening - 4/28/2016

**STREET CONSTRUCTION, SANITARY SEWER RELAY,
PAVEMENT MARKING & UTILITY ADJUSTMENTS**

W. National Ave from S 56th St to S 57th St & W. Greenfield Ave from S 56th St to S 60th St
W. Cleveland Ave from S 92nd St to S 99th St & Cleveland Ave Parking Lot at S 84th St

ITEM	UNITS		Bid Bond 5%		Bid Bond 5%		Bid Bond 5%		Bid Bond 5%	
			PRICE	TOTAL	PRICE	TOTAL	PRICE	TOTAL	PRICE	TOTAL
1 Excavation	157	Cu. Yds.	\$31.04	\$4,873.28	\$75.00	\$11,775.00	\$24.00	\$3,768.00	\$40.00	\$6,280.00
2 Borrow Excavation	59	Cu. Yds.	\$33.01	\$1,947.59	\$10.00	\$590.00	\$24.00	\$1,416.00	\$20.00	\$1,180.00
3 Sodding	1,290	Sq. Yds.	\$8.70	\$11,223.00	\$10.00	\$12,900.00	\$8.70	\$11,223.00	\$15.00	\$19,350.00
4 Asphalt/Concrete Sawing	5,320	Lin. Ft.	\$1.89	\$10,054.80	\$2.00	\$10,640.00	\$1.75	\$9,310.00	\$3.00	\$15,960.00
5 Walk & Drive Removal	10,080	Sq. Ft.	\$0.77	\$7,761.60	\$1.25	\$12,600.00	\$1.50	\$15,120.00	\$1.25	\$12,600.00
6 Curb Removal	2,180	Lin. Ft.	\$5.70	\$12,426.00	\$5.00	\$10,900.00	\$6.25	\$13,625.00	\$4.00	\$8,720.00
7 Pavement Removal	1,770	Sq. Yds.	\$4.27	\$7,557.90	\$10.00	\$17,700.00	\$9.00	\$15,930.00	\$8.00	\$14,160.00
8 Crack and Seat Concrete Pavement	18,420	Sq. Yds.	\$0.70	\$12,894.00	\$0.70	\$12,894.00	\$0.71	\$13,078.20	\$0.70	\$12,894.00
9 Asphalt Surface Removal	1,354	Sq. Yds.	\$8.00	\$10,832.00	\$7.00	\$9,478.00	\$5.50	\$7,447.00	\$10.00	\$13,540.00
10 5" Concrete Sidewalk	4,800	Sq. Ft.	\$4.48	\$21,504.00	\$4.40	\$21,120.00	\$4.05	\$19,440.00	\$5.50	\$26,400.00
11 7" Concrete Walk & Drive	5,590	Sq. Ft.	\$5.01	\$28,005.90	\$5.20	\$29,068.00	\$4.55	\$25,434.50	\$6.00	\$33,540.00
12 31" Conc. Curb and Gutter	2,300	Lin. Ft.	\$25.41	\$58,443.00	\$28.60	\$65,780.00	\$26.50	\$60,950.00	\$20.00	\$46,000.00
13 8" Concrete Base	1,310	Sq. Yds.	\$43.68	\$57,220.80	\$31.75	\$41,592.50	\$37.50	\$49,125.00	\$45.00	\$58,950.00
14 H.E.S. 8" Concrete Base	650	Sq. Yds.	\$53.98	\$35,087.00	\$40.00	\$26,000.00	\$42.00	\$27,300.00	\$55.00	\$35,750.00
15 7" Concrete Pavement	80	Sq. Yds.	\$51.81	\$4,144.80	\$45.00	\$3,600.00	\$37.50	\$3,000.00	\$60.00	\$4,800.00
16 8" Concrete Pavement	370	Sq. Yds.	\$53.98	\$19,972.60	\$52.00	\$19,240.00	\$38.50	\$14,245.00	\$60.00	\$22,200.00
17 Pavement Milling	11,638	Sq. Yds.	\$2.00	\$23,276.00	\$2.00	\$23,276.00	\$2.16	\$25,138.08	\$2.00	\$23,276.00
18 Curb Ramp Detectable Warning Field	304	Sq. Ft.	\$30.00	\$9,120.00	\$30.00	\$9,120.00	\$34.00	\$10,336.00	\$50.00	\$15,200.00
19 Pavement Ties	2,780	Each	\$5.00	\$13,900.00	\$3.00	\$8,340.00	\$6.25	\$17,375.00	\$7.00	\$19,460.00
20 Base Aggregate Dense, 1 1/4"	390	Tons	\$21.50	\$8,385.00	\$20.00	\$7,800.00	\$21.81	\$8,505.90	\$20.00	\$7,800.00
21 Base Preparation	33	Stations	\$670.00	\$22,378.00	\$670.00	\$22,378.00	\$729.75	\$24,373.65	\$670.00	\$22,378.00
22 Tack Coat	2,190	Gallons	\$2.00	\$4,380.00	\$2.00	\$4,380.00	\$2.24	\$4,905.60	\$2.00	\$4,380.00
23 HMA Pavement, LT 58-28 S	4,890	Tons	\$48.76	\$238,436.40	\$49.00	\$239,610.00	\$53.39	\$261,077.10	\$48.76	\$238,436.40
24 Asphaltic Surface Patching	370	Tons	\$119.00	\$44,030.00	\$120.00	\$44,400.00	\$130.28	\$48,203.60	\$119.00	\$44,030.00
25 Pavement Marking, Grooved Preformed Thermoplastic, Crosswalk, 6-inch (White)	862	Lin. Ft.	\$13.75	\$11,852.50	\$13.75	\$11,852.50	\$13.75	\$11,852.50	\$13.75	\$11,852.50
26 Pavement Marking, Grooved Preformed Thermoplastic, Stop Bar, 18-inch (White)	179	Lin. Ft.	\$22.75	\$4,072.25	\$22.75	\$4,072.25	\$22.75	\$4,072.25	\$22.75	\$4,072.25
27 Pavement Marking, Grooved Preformed Thermoplastic, Centerline, 4-inch (Yellow)	5,268	Lin. Ft.	\$4.70	\$24,759.60	\$4.70	\$24,759.60	\$4.70	\$24,759.60	\$4.70	\$24,759.60
28 Pavement Marking, Grooved Preformed Thermoplastic, Solid Bike Lane, 4-Inch (White)	7,357	Lin. Ft.	\$4.70	\$34,577.90	\$4.70	\$34,577.90	\$4.70	\$34,577.90	\$4.70	\$34,577.90
29 Pavement Marking, Grooved Preformed Thermoplastic, Skipped Bike Lane, 4-Inch (White)	490	Lin. Ft.	\$4.70	\$2,303.00	\$4.70	\$2,303.00	\$4.70	\$2,303.00	\$4.70	\$2,303.00
30 Pavement Marking, Grooved Preformed Thermoplastic, Symbols Bike Lane	8	Each	\$500.00	\$4,000.00	\$500.00	\$4,000.00	\$500.00	\$4,000.00	\$500.00	\$4,000.00
31 Pavement Marking, Grooved Preformed Thermoplastic, Arrows Bike Lane	8	Each	\$335.00	\$2,680.00	\$335.00	\$2,680.00	\$335.00	\$2,680.00	\$335.00	\$2,680.00
32 Pavement Marking, Grooved Preformed Thermoplastic, Words Bike Lane	14	Each	\$515.00	\$7,210.00	\$575.00	\$8,050.00	\$515.00	\$7,210.00	\$515.00	\$7,210.00
33 Pavement Marking, Island Nose, Epoxy, (Yellow)	3	Each	\$135.00	\$405.00	\$135.00	\$405.00	\$135.00	\$405.00	\$135.00	\$405.00
34 Pavement Marking, Curb, Epoxy, (Yellow)	30	Lin. Ft.	\$6.00	\$180.00	\$6.00	\$180.00	\$6.00	\$180.00	\$6.00	\$180.00
35 Pavement Marking, Grooved Preformed Thermoplastic, Channelizing Line, 8-inch (White)	65	Lin. Ft.	\$9.50	\$617.50	\$9.50	\$617.50	\$9.50	\$617.50	\$9.50	\$617.50
36 Pavement Marking, Grooved Preformed Thermoplastic, Symbols, Arrow, Turn	4	Each	\$590.00	\$2,360.00	\$590.00	\$2,360.00	\$590.00	\$2,360.00	\$590.00	\$2,360.00
37 Pavement Marking, Grooved Preformed Thermoplastic, Symbols, Words, Only	3	Each	\$745.00	\$2,235.00	\$745.00	\$2,235.00	\$745.00	\$2,235.00	\$745.00	\$2,235.00
Removing Pavement Marking	25	Lin. Ft.	\$3.00	\$75.00	\$3.00	\$75.00	\$3.00	\$75.00	\$3.00	\$75.00
Pavement Marking, Grooved Preformed Thermoplastic, Diagonal Line, 12-inch (Yellow)	28	Lin. Ft.	\$20.00	\$560.00	\$20.00	\$560.00	\$20.00	\$560.00	\$20.00	\$560.00

ITEM	UNITS		Bid Bond 5%		Bid Bond 5%		Bid Bond 5%		Bid Bond 5%	
			PRICE	TOTAL	PRICE	TOTAL	PRICE	TOTAL	PRICE	TOTAL
Pavement Marking, Parking Stall, Epoxy 4-inch (White)	510	Lin. Ft.	\$3.20	\$1,632.00	\$3.20	\$1,632.00	\$3.20	\$1,632.00	\$3.20	\$1,632.00
Pavement Marking, Symbol, Handicapped, Epoxy (White)	2	Each	\$240.00	\$480.00	\$240.00	\$480.00	\$240.00	\$480.00	\$240.00	\$480.00
C-905 14" Dia. Sanitary Sewer Relay	61	Lin. Ft.	\$450.00	\$27,450.00	\$495.00	\$30,195.00	\$450.00	\$27,450.00	\$495.00	\$30,195.00
C-900 10" Dia. Sanitary Sewer Relay	260	Lin. Ft.	\$285.00	\$74,100.00	\$335.00	\$87,100.00	\$285.00	\$74,100.00	\$335.00	\$87,100.00
12" Dia. Sanitary Sewer Relay	314	Lin. Ft.	\$215.00	\$67,510.00	\$305.00	\$95,770.00	\$215.00	\$67,510.00	\$305.00	\$95,770.00
10" Dia. Sanitary Sewer Relay	331	Lin. Ft.	\$240.00	\$79,440.00	\$300.00	\$99,300.00	\$240.00	\$79,440.00	\$300.00	\$99,300.00
8" Dia. Sanitary Sewer Relay	263	Lin. Ft.	\$155.00	\$40,765.00	\$225.00	\$59,175.00	\$155.00	\$40,765.00	\$225.00	\$59,175.00
8" Dia. Sanitary Sewer	120	Lin. Ft.	\$165.00	\$19,800.00	\$220.00	\$26,400.00	\$165.00	\$19,800.00	\$220.00	\$26,400.00
3'-6" Dia. Sanitary Manhole (7)	92	Vert. Ft.	\$400.00	\$36,800.00	\$325.00	\$29,900.00	\$400.00	\$36,800.00	\$325.00	\$29,900.00
3'-6" Dia. O.D. Sanitary Manhole (1)	13	Vert. Ft.	\$475.00	\$6,175.00	\$450.00	\$5,850.00	\$475.00	\$6,175.00	\$450.00	\$5,850.00
6" Dia. Sanitary Riser (13)	55	Vert. Ft.	\$120.00	\$6,600.00	\$200.00	\$11,000.00	\$120.00	\$6,600.00	\$200.00	\$11,000.00
C-900/C-905 Sanitary Reconnect	13	Each	\$490.00	\$6,370.00	\$150.00	\$1,950.00	\$490.00	\$6,370.00	\$150.00	\$1,950.00
Sanitary Reconnects	15	Each	\$125.00	\$1,875.00	\$125.00	\$1,875.00	\$125.00	\$1,875.00	\$125.00	\$1,875.00
Temporary Sanitary Connection	1	Each	\$12,500.00	\$12,500.00	\$16,000.00	\$16,000.00	\$12,500.00	\$12,500.00	\$16,000.00	\$16,000.00
Temporary Manhole Connection	1	Each	\$12,500.00	\$12,500.00	\$14,000.00	\$14,000.00	\$12,500.00	\$12,500.00	\$14,000.00	\$14,000.00
6" Dia. Building Sanitary Sewer (2)	20	Lin. Ft.	\$115.00	\$2,300.00	\$240.00	\$4,800.00	\$115.00	\$2,300.00	\$240.00	\$4,800.00
Locate Existing Lateral	1	Each	\$6,500.00	\$6,500.00	\$600.00	\$600.00	\$6,500.00	\$6,500.00	\$600.00	\$600.00
Sanitary Manhole Abandonment	2	Each	\$2,200.00	\$4,400.00	\$650.00	\$1,300.00	\$2,200.00	\$4,400.00	\$650.00	\$1,300.00
Bulkhead 8" Sanitary	1	Each	\$325.00	\$325.00	\$500.00	\$500.00	\$325.00	\$325.00	\$500.00	\$500.00
Core-In Connection	1	Each	\$300.00	\$300.00	\$500.00	\$500.00	\$300.00	\$300.00	\$500.00	\$500.00
Temporary 10" to 8" Connection	1	Each	\$625.00	\$625.00	\$14,500.00	\$14,500.00	\$625.00	\$625.00	\$14,500.00	\$14,500.00
Install Internal San MH Seals	20	Each	\$110.00	\$2,200.00	\$125.00	\$2,500.00	\$110.00	\$2,200.00	\$125.00	\$2,500.00
Rebuild 3'-6" Dia. Sanitary Manhole (7)	18	Vert. Ft.	\$415.00	\$7,470.00	\$900.00	\$16,200.00	\$415.00	\$7,470.00	\$900.00	\$16,200.00
8" Sanitary Sewer Spot Relay	1	Each	\$5,650.00	\$5,650.00	\$10,500.00	\$10,500.00	\$5,650.00	\$5,650.00	\$10,500.00	\$10,500.00
Rebuild 3'-6" Dia. Storm Manhole (29)	51	Vert. Ft.	\$430.00	\$21,930.00	\$500.00	\$25,500.00	\$430.00	\$21,930.00	\$500.00	\$25,500.00
3'-6" Dia. Storm Manhole Replacement (1)	6	Vert. Ft.	\$1,930.00	\$11,580.00	\$675.00	\$4,050.00	\$1,930.00	\$11,580.00	\$675.00	\$4,050.00
Catch Basin Replacements	6	Each	\$1,315.00	\$7,890.00	\$900.00	\$5,400.00	\$1,315.00	\$7,890.00	\$900.00	\$5,400.00
Alley Catch Basin Replacement	1	Each	\$1,560.00	\$1,560.00	\$350.00	\$350.00	\$1,560.00	\$1,560.00	\$350.00	\$350.00
12" Dia. Storm Sewer	75	Lin. Ft.	\$75.00	\$5,625.00	\$130.00	\$9,750.00	\$75.00	\$5,625.00	\$130.00	\$9,750.00
Hydrant Replacement	2	Each	\$1,960.00	\$3,920.00	\$3,000.00	\$6,000.00	\$1,960.00	\$3,920.00	\$3,000.00	\$6,000.00
1" Copper Water Service (2)	94	Lin. Ft.	\$50.00	\$4,700.00	\$150.00	\$14,100.00	\$50.00	\$4,700.00	\$150.00	\$14,100.00
Remove 6" Water Main Connection	1	Each	\$5,500.00	\$5,500.00	\$8,000.00	\$8,000.00	\$5,500.00	\$5,500.00	\$8,000.00	\$8,000.00
12" Water Main Alteration	1	Each	\$18,250.00	\$18,250.00	\$16,500.00	\$16,500.00	\$18,250.00	\$18,250.00	\$16,500.00	\$16,500.00
Miscellaneous Storm Manhole Repair	12	Each	\$470.00	\$5,640.00	\$250.00	\$3,000.00	\$550.00	\$6,600.00	\$250.00	\$3,000.00
Cellular Concrete	39	Cu. Yds.	\$185.00	\$7,215.00	\$80.00	\$3,120.00	\$185.00	\$7,215.00	\$80.00	\$3,120.00
Adjust Catch Basin Frames	21	Each	\$256.67	\$5,390.07	\$350.00	\$7,350.00	\$550.00	\$11,550.00	\$350.00	\$7,350.00
Adjust Storm Manhole Frames	24	Each	\$256.67	\$6,160.08	\$350.00	\$8,400.00	\$600.00	\$14,400.00	\$350.00	\$8,400.00
Adjust Sanitary Manhole Frames	13	Each	\$274.00	\$3,562.00	\$350.00	\$4,550.00	\$600.00	\$7,800.00	\$350.00	\$4,550.00
Adjust Water Valve Boxes	25	Each	\$76.67	\$1,916.75	\$100.00	\$2,500.00	\$300.00	\$7,500.00	\$100.00	\$2,500.00
Inlet Protection Barriers	55	Units	\$65.00	\$3,575.00	\$50.00	\$2,750.00	\$75.80	\$4,169.00	\$50.00	\$2,750.00
Manhole Protection Barriers	36	Units	\$70.00	\$2,520.00	\$50.00	\$1,800.00	\$126.30	\$4,546.80	\$50.00	\$1,800.00
Traffic Control	1	Lump Sum	\$103,380.00	\$103,380.00	\$30,000.00	\$30,000.00	\$91,000.00	\$91,000.00	\$239,680.85	\$239,680.85
Total				\$1,409,822.32		\$1,449,056.25		\$1,447,717.18		\$1,700,000.00