

2008 Wayne Street Narrows and Watermain Improvement Project

Engineers Estimate	N. W. Michigan Contracting	Elmer's	Molon
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Division A

Wayne Street Narrows Street/Water Main Improvement Project

Item No.	Est Qty	Unit	Description of Items	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1A		1LSUM	Mobilization/Traffic control	\$ 7,500.00	\$ 7,500.00	\$ 9,927.50	\$ 9,927.50	\$ 10,400.00	\$ 10,400.00	\$ 8,784.00	\$ 8,784.00
2A	3900	SY	Pulverize Existing Asphalt Surface	\$ 1.20	\$ 4,680.00	\$ 0.90	\$ 3,510.00	\$ 0.85	\$ 3,315.00	\$ 0.85	\$ 3,315.00
3A	110	FT	Concrete Curb & Gutter, Rem.	\$ 5.00	\$ 550.00	\$ 6.00	\$ 660.00	\$ 5.00	\$ 550.00	\$ 3.95	\$ 434.50
4A	45	SY	Concrete Driveway Approach, Rem.	\$ 4.00	\$ 180.00	\$ 10.00	\$ 450.00	\$ 10.00	\$ 450.00	\$ 9.42	\$ 423.90
5A	7	EA	Drainage Structure, Rem.	\$ 300.00	\$ 2,100.00	\$ 150.00	\$ 1,050.00	\$ 500.00	\$ 3,500.00	\$ 192.00	\$ 1,344.00
6A	95	FT	Culv, Rem., Less Than 24 Inch	\$ 6.00	\$ 570.00	\$ 5.00	\$ 475.00	\$ 5.00	\$ 475.00	\$ 12.81	\$ 1,216.95
7A	200	FT	Abandon Existing Storm Pipe in Place, Grout	\$ 3.50	\$ 700.00	\$ 8.00	\$ 1,600.00	\$ 7.00	\$ 1,400.00	\$ 6.43	\$ 1,286.00
8A	100	CY	Subgrade Undercutting, Type 2	\$ 12.00	\$ 1,200.00	\$ 10.00	\$ 1,000.00	\$ 20.00	\$ 2,000.00	\$ 25.51	\$ 2,551.00
9A	13.43	STA	Machine Grading, Modified	\$ 250.00	\$ 3,357.50	\$ 850.00	\$ 11,415.50	\$ 1,150.00	\$ 15,444.50	\$ 1,235.00	\$ 16,586.05
10A	15	FT	6' Dia. CL 52 D. I. Water Main	\$ 30.00	\$ 450.00	\$ 40.00	\$ 600.00	\$ 105.00	\$ 1,575.00	\$ 79.00	\$ 1,185.00
11A	330	FT	8" Dia. CL 52 D. I. Water Main and Appurtenances	\$ 37.00	\$ 12,210.00	\$ 45.95	\$ 15,163.50	\$ 45.00	\$ 14,850.00	\$ 53.73	\$ 17,730.90
12A	270	FT	8" Dia. CL 52 D. I. Water Main, Restrained Joint	\$ 65.00	\$ 17,550.00	\$ 49.25	\$ 13,297.50	\$ 50.00	\$ 13,500.00	\$ 65.12	\$ 17,582.40
13A	2	EA	6' Gate Valve/Box	\$ 1,200.00	\$ 2,400.00	\$ 720.00	\$ 1,440.00	\$ 600.00	\$ 1,200.00	\$ 860.00	\$ 1,720.00
14A	2	EA	8" Gate Valve/Box	\$ 1,500.00	\$ 3,000.00	\$ 945.00	\$ 1,890.00	\$ 825.00	\$ 1,650.00	\$ 1,083.00	\$ 2,166.00
15A	2	EA	Connect to Existing 6" Water Main	\$ 500.00	\$ 1,000.00	\$ 1,520.00	\$ 3,040.00	\$ 1,800.00	\$ 3,600.00	\$ 1,270.00	\$ 2,540.00
16A	1	EA	Connect to Existing 8" Water Main	\$ 750.00	\$ 750.00	\$ 1,800.00	\$ 1,800.00	\$ 1,900.00	\$ 1,900.00	\$ 1,300.00	\$ 1,300.00
17A	1	EA	Connect to Existing 12" Water Main	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,100.00	\$ 2,100.00	\$ 1,375.00	\$ 1,375.00
18A	2	EA	Cut and Cap Existing 6" Water Main	\$ 250.00	\$ 500.00	\$ 960.00	\$ 1,920.00	\$ 300.00	\$ 600.00	\$ 1,037.00	\$ 2,074.00
19A	410	FT	12" Dia. CL 52 D. I. Water Main and Appurtenances	\$ 45.00	\$ 18,450.00	\$ 72.45	\$ 29,704.50	\$ 65.00	\$ 26,650.00	\$ 63.11	\$ 25,875.10
20A	2	EA	12" Gate Valve/Box	\$ 1,750.00	\$ 3,500.00	\$ 1,700.00	\$ 3,400.00	\$ 1,500.00	\$ 3,000.00	\$ 1,427.00	\$ 2,854.00
21A	2	EA	Fire Hydrant Assembly	\$ 1,200.00	\$ 2,400.00	\$ 3,100.00	\$ 6,200.00	\$ 2,950.00	\$ 5,900.00	\$ 2,467.00	\$ 4,934.00
22A	2	EA	Install 1" dia. copper water serv. (short side)	\$ 750.00	\$ 1,500.00	\$ 500.00	\$ 1,000.00	\$ 950.00	\$ 1,900.00	\$ 950.00	\$ 1,900.00
23A	9	EA	Install 1" dia. copper water serv. (long side)	\$ 500.00	\$ 4,500.00	\$ 600.00	\$ 5,400.00	\$ 1,225.00	\$ 11,025.00	\$ 1,200.00	\$ 10,800.00
24A	8	EA	Transfer water services	\$ 450.00	\$ 3,600.00	\$ 500.00	\$ 4,000.00	\$ 450.00	\$ 3,600.00	\$ 431.00	\$ 3,448.00
25A	5	EA	Dr. Structure, 24 Inch Dia., EJW 7000	\$ 1,500.00	\$ 7,500.00	\$ 1,400.00	\$ 7,000.00	\$ 1,150.00	\$ 5,750.00	\$ 1,491.00	\$ 7,455.00
26A	3	EA	Dr. Structure, 48 Inch Dia., EJW 7000	\$ 1,750.00	\$ 5,250.00	\$ 1,800.00	\$ 5,400.00	\$ 1,500.00	\$ 4,500.00	\$ 1,848.00	\$ 5,544.00
27A	1	EA	Dr. Structure, 48 Inch Dia., EJW 1000	\$ 1,750.00	\$ 1,750.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00	\$ 1,400.00	\$ 1,750.00	\$ 1,750.00
28A	179	FT	Sewer, CL IV, 12 Inch, Trench Detail B	\$ 30.00	\$ 5,370.00	\$ 24.00	\$ 4,296.00	\$ 35.00	\$ 6,265.00	\$ 33.15	\$ 5,933.85
29A	400	FT	Sewer, HDPE SDR 17, 12 Inch, Directionally Drilled in Place	\$ 35.00	\$ 14,000.00	\$ 53.60	\$ 21,440.00	\$ 44.00	\$ 17,600.00	\$ 44.00	\$ 17,600.00
30A	1	EA	6" Ø Sanitary Sewer Lead	\$ 650.00	\$ 650.00	\$ 1,250.00	\$ 1,250.00	\$ 1,000.00	\$ 1,000.00	\$ 1,653.00	\$ 1,653.00
31A	1	EA	Culv. End Section, 12 Inch	\$ 750.00	\$ 750.00	\$ 200.00	\$ 200.00	\$ 250.00	\$ 250.00	\$ 120.00	\$ 120.00
32A	10	SY	Rip Rap, Plain	\$ 50.00	\$ 500.00	\$ 50.00	\$ 500.00	\$ 60.00	\$ 600.00	\$ 51.00	\$ 510.00
33A	2100	FT	Curb and Gutter, Conc., Detail C-4, Modified	\$ 18.00	\$ 37,800.00	\$ 14.00	\$ 29,400.00	\$ 13.50	\$ 28,350.00	\$ 14.49	\$ 30,429.00
34A	265	FT	Driveway Opening, Conc., Detail L	\$ 20.00	\$ 5,300.00	\$ 14.00	\$ 3,710.00	\$ 13.50	\$ 3,577.50	\$ 14.49	\$ 3,839.85
35A	3200	SY	Agg. Base, 8 Inch	\$ 2.75	\$ 8,800.00	\$ 5.50	\$ 17,600.00	\$ 3.50	\$ 11,200.00	\$ 6.26	\$ 20,032.00
36A	4	EA	Furnish/adjust castings, EJW 1040	\$ 850.00	\$ 3,400.00	\$ 600.00	\$ 2,400.00	\$ 525.00	\$ 2,100.00	\$ 615.00	\$ 2,460.00
37A	10	SY	Agg. Base, 8 Inch, Driveways	\$ 8.00	\$ 80.00	\$ 10.00	\$ 100.00	\$ 20.00	\$ 200.00	\$ 46.00	\$ 460.00
38A	410	SFT	Concrete, 7 Inch, Driveway, H. E. Concrete	\$ 5.00	\$ 2,050.00	\$ 5.00	\$ 2,050.00	\$ 5.00	\$ 2,050.00	\$ 7.27	\$ 2,980.70
39A	25	TON	HMA, Approach, 13A, 220#/SY	\$ 65.00	\$ 1,625.00	\$ 135.00	\$ 3,375.00	\$ 125.00	\$ 3,125.00	\$ 125.00	\$ 3,125.00
40A	280	TON	13A HMA Leveling (165#/sy)	\$ 46.00	\$ 12,880.00	\$ 62.60	\$ 17,528.00	\$ 59.60	\$ 16,688.00	\$ 59.60	\$ 16,688.00
41A	280	TON	13A HMA Top (165#/sy)	\$ 48.00	\$ 13,440.00	\$ 63.60	\$ 17,808.00	\$ 60.60	\$ 16,968.00	\$ 60.60	\$ 16,968.00
42A	1400	SY	4" topsoil, seed, fert., mulch	\$ 6.00	\$ 8,400.00	\$ 3.00	\$ 4,200.00	\$ 4.00	\$ 5,600.00	\$ 4.87	\$ 6,818.00

Total Division A \$ 223,192.50 \$ 261,000.50 \$ 257,808.00 \$ 277,792.20

2008 Wayne Street Narrows and Watermain Improvement Project

Engineers Estimate	N. W. Michigan Contracting	Elmer's	Molon
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Division B
Cypress Street Watermain Improvement Project

Item No.	Est Qty	Unit	Description of Items	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1B	1	LSUM	Mobilization/Traffic Control	\$ 10,500.00	\$ 10,500.00	\$ 2,000.00	\$ 2,000.00	\$ 2,300.00	\$ 2,300.00	\$ 2,000.00	\$ 2,000.00
2B	500	LF	8" Dia. D.I. Watermain	\$ 35.00	\$ 17,500.00	\$ 37.50	\$ 18,750.00	\$ 42.00	\$ 21,000.00	\$ 42.52	\$ 21,260.00
3B	1	EA	6" x 6" Tapping Valve/Sleeve/Box	\$ 2,500.00	\$ 2,500.00	\$ 2,400.00	\$ 2,400.00	\$ 1,950.00	\$ 1,950.00	\$ 3,948.00	\$ 3,948.00
4B	1	EA	Fire Hydrant Assembly	\$ 2,750.00	\$ 2,750.00	\$ 3,100.00	\$ 3,100.00	\$ 2,950.00	\$ 2,950.00	\$ 3,103.00	\$ 3,103.00
5B	1	EA	8" Gate Valve	\$ 2,500.00	\$ 2,500.00	\$ 945.00	\$ 945.00	\$ 825.00	\$ 825.00	\$ 961.00	\$ 961.00
6B	5	EA	Install 1" Service	\$ 850.00	\$ 4,250.00	\$ 540.00	\$ 2,700.00	\$ 950.00	\$ 4,750.00	\$ 722.00	\$ 3,610.00
7B	5	EA	Connect to Existing Service	\$ 750.00	\$ 3,750.00	\$ 100.00	\$ 500.00	\$ 450.00	\$ 2,250.00	\$ 300.00	\$ 1,500.00
8B	1	EA	Connect to Existing 6" Main	\$ 2,500.00	\$ 2,500.00	\$ 1,600.00	\$ 1,600.00	\$ 1,800.00	\$ 1,800.00	\$ 1,046.00	\$ 1,046.00
9B	25	LF	Remove and Replace existing Curb and Gutter	\$ 27.50	\$ 687.50	\$ 22.00	\$ 550.00	\$ 35.00	\$ 875.00	\$ 30.00	\$ 750.00
10B	100	SYD	Sawcut/Remove Asphalt Surface	\$ 7.50	\$ 750.00	\$ 6.00	\$ 600.00	\$ 10.00	\$ 1,000.00	\$ 8.49	\$ 849.00
11B	150	SF	Remove and Replace Conc. Sidewalk/Ramps	\$ 10.00	\$ 1,500.00	\$ 5.00	\$ 750.00	\$ 8.00	\$ 1,200.00	\$ 5.35	\$ 802.50
12B	1200	SY	MDOT 22A Gravel 8" CIP	\$ 4.50	\$ 5,400.00	\$ 7.20	\$ 8,640.00	\$ 6.00	\$ 7,200.00	\$ 6.04	\$ 7,248.00
13B	12	TON	13A HMA Leveling (165#/sy)	\$ 75.00	\$ 900.00	\$ 200.00	\$ 2,400.00	\$ 190.00	\$ 2,280.00	\$ 150.00	\$ 1,800.00
14B	12	TON	13A HMA Top (165#/sy)	\$ 75.00	\$ 900.00	\$ 200.00	\$ 2,400.00	\$ 190.00	\$ 2,280.00	\$ 150.00	\$ 1,800.00

Total Division B	\$ 56,387.50	\$ 47,335.00	\$ 52,660.00	\$ 50,677.50
Total Division A and B	\$ 279,580.00	\$ 308,335.50	\$ 310,468.00	\$ 328,469.70
As Read		\$ 308,335.00		

2008 Wayne Street Narrows and Watermain Improvement Project

Engineers Estimate	Bonney	SRW	Sinatech	Rieth-Riley Construction Co., Inc
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Division A
Wayne Street Narrows Street/Water Main Improvement Project

Item No.	Est Qty	Unit	Description of Items	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1A		LSUM	Mobilization/Traffic control	\$ 7,500.00	\$ 7,500.00	\$ 6,000.00	\$ 6,000.00	\$ 22,000.00	\$ 22,000.00	\$ 10,000.00	\$ 10,000.00	\$ 56,600.00	\$ 56,600.00
2A	3900	SY	Pulverize Existing Asphalt Surface	\$ 1.20	\$ 4,680.00	\$ 0.60	\$ 2,340.00	\$ 0.65	\$ 2,535.00	\$ 12.00	\$ 46,800.00	\$ 1.20	\$ 4,680.00
3A	110	FT	Concrete Curb & Gutter, Rem.	\$ 5.00	\$ 550.00	\$ 10.00	\$ 1,100.00	\$ 3.50	\$ 385.00	\$ 5.00	\$ 550.00	\$ 5.60	\$ 616.00
4A	45	SY	Concrete Driveway Approach, Rem.	\$ 4.00	\$ 180.00	\$ 10.00	\$ 450.00	\$ 12.50	\$ 562.50	\$ 2.85	\$ 128.25	\$ 13.70	\$ 616.50
5A	7	EA	Drainage Structure, Rem.	\$ 300.00	\$ 2,100.00	\$ 300.00	\$ 2,100.00	\$ 200.00	\$ 1,400.00	\$ 500.00	\$ 3,500.00	\$ 500.00	\$ 3,500.00
6A	95	FT	Culv., Rem., Less Than 24 Inch	\$ 6.00	\$ 570.00	\$ 5.00	\$ 475.00	\$ 3.25	\$ 308.75	\$ 8.00	\$ 760.00	\$ 7.60	\$ 722.00
7A	200	FT	Abandon Existing Storm Pipe in Place, Grout	\$ 3.50	\$ 700.00	\$ 5.00	\$ 1,000.00	\$ 10.00	\$ 2,000.00	\$ 5.00	\$ 1,000.00	\$ 12.00	\$ 2,400.00
8A	100	CY	Subgrade Undercutting, Type 2	\$ 12.00	\$ 1,200.00	\$ 10.00	\$ 1,000.00	\$ 30.00	\$ 3,000.00	\$ 20.00	\$ 2,000.00	\$ 36.00	\$ 3,600.00
9A	13.43	STA	Machine Grading, Modified	\$ 250.00	\$ 3,357.50	\$ 350.00	\$ 4,700.50	\$ 3,140.00	\$ 42,170.20	\$ 815.00	\$ 10,945.45	\$ 5,390.00	\$ 72,387.70
10A	15	FT	6" Dia. CL 52 D. I. Water Main	\$ 30.00	\$ 450.00	\$ 120.00	\$ 1,800.00	\$ 30.00	\$ 450.00	\$ 50.00	\$ 750.00	\$ 114.00	\$ 1,710.00
11A	330	FT	8" Dia. CL 52 D. I. Water Main and Appurtenances	\$ 37.00	\$ 12,210.00	\$ 48.00	\$ 15,840.00	\$ 56.50	\$ 18,645.00	\$ 60.00	\$ 19,800.00	\$ 61.80	\$ 20,394.00
12A	270	FT	8" Dia. CL 52 D. I. Water Main, Restrained Joint	\$ 65.00	\$ 17,550.00	\$ 54.00	\$ 14,580.00	\$ 58.50	\$ 15,795.00	\$ 64.00	\$ 17,280.00	\$ 59.50	\$ 16,065.00
13A	2	EA	6" Gate Valve/Box	\$ 1,200.00	\$ 2,400.00	\$ 800.00	\$ 1,600.00	\$ 600.00	\$ 1,200.00	\$ 850.00	\$ 1,700.00	\$ 985.00	\$ 1,970.00
14A	2	EA	8" Gate Valve/Box	\$ 1,500.00	\$ 3,000.00	\$ 900.00	\$ 1,800.00	\$ 825.00	\$ 1,650.00	\$ 1,100.00	\$ 2,200.00	\$ 1,225.00	\$ 2,450.00
15A	2	EA	Connect to Existing 6" Water Main	\$ 500.00	\$ 1,000.00	\$ 1,800.00	\$ 3,600.00	\$ 880.00	\$ 1,760.00	\$ 2,800.00	\$ 5,600.00	\$ 2,820.00	\$ 5,640.00
16A	1	EA	Connect to Existing 8" Water Main	\$ 750.00	\$ 750.00	\$ 1,800.00	\$ 1,800.00	\$ 1,050.00	\$ 1,050.00	\$ 3,200.00	\$ 3,200.00	\$ 3,995.00	\$ 3,995.00
17A	1	EA	Connect to Existing 12" Water Main	\$ 1,000.00	\$ 1,000.00	\$ 1,800.00	\$ 1,800.00	\$ 1,200.00	\$ 1,200.00	\$ 3,500.00	\$ 3,500.00	\$ 2,520.00	\$ 2,520.00
18A	2	EA	Cut and Cap Existing 6" Water Main	\$ 250.00	\$ 500.00	\$ 1,500.00	\$ 3,000.00	\$ 600.00	\$ 1,200.00	\$ 1,200.00	\$ 2,400.00	\$ 560.00	\$ 1,120.00
19A	410	FT	12" Dia. CL 52 D. I. Water Main and Appurtenances	\$ 45.00	\$ 18,450.00	\$ 78.00	\$ 31,980.00	\$ 74.00	\$ 30,340.00	\$ 65.00	\$ 26,650.00	\$ 81.00	\$ 33,210.00
20A	2	EA	12" Gate Valve/Box	\$ 1,750.00	\$ 3,500.00	\$ 1,750.00	\$ 3,500.00	\$ 1,370.00	\$ 2,740.00	\$ 1,500.00	\$ 3,000.00	\$ 1,850.00	\$ 3,700.00
21A	2	EA	Fire Hydrant Assembly	\$ 1,200.00	\$ 2,400.00	\$ 2,950.00	\$ 5,900.00	\$ 3,000.00	\$ 6,000.00	\$ 3,000.00	\$ 6,000.00	\$ 3,350.00	\$ 6,700.00
22A	2	EA	Install 1" dia. copper water serv. (short side)	\$ 750.00	\$ 1,500.00	\$ 1,200.00	\$ 2,400.00	\$ 625.00	\$ 1,250.00	\$ 510.00	\$ 1,020.00	\$ 1,335.00	\$ 2,670.00
23A	9	EA	Install 1" dia. copper water serv. (long side)	\$ 500.00	\$ 4,500.00	\$ 1,500.00	\$ 13,500.00	\$ 1,600.00	\$ 14,400.00	\$ 900.00	\$ 8,100.00	\$ 1,450.00	\$ 13,050.00
24A	8	EA	Transfer water services	\$ 450.00	\$ 3,600.00	\$ 300.00	\$ 2,400.00	\$ 300.00	\$ 2,400.00	\$ 380.00	\$ 3,040.00	\$ 1,120.00	\$ 8,960.00
25A	5	EA	Dr. Structure, 24 Inch Dia., EJW 7000	\$ 1,500.00	\$ 7,500.00	\$ 1,300.00	\$ 6,500.00	\$ 1,200.00	\$ 6,000.00	\$ 1,900.00	\$ 9,500.00	\$ 1,450.00	\$ 7,250.00
26A	3	EA	Dr. Structure, 48 Inch Dia., EJW 7000	\$ 1,750.00	\$ 5,250.00	\$ 1,650.00	\$ 4,950.00	\$ 1,400.00	\$ 4,200.00	\$ 2,400.00	\$ 7,200.00	\$ 1,925.00	\$ 5,775.00
27A	1	EA	Dr. Structure, 48 Inch Dia., EJW 1000	\$ 1,750.00	\$ 1,750.00	\$ 2,650.00	\$ 2,650.00	\$ 1,300.00	\$ 1,300.00	\$ 2,800.00	\$ 2,800.00	\$ 1,785.00	\$ 1,785.00
28A	179	FT	Sewer, CL IV, 12 Inch, Trench Detail B	\$ 30.00	\$ 5,370.00	\$ 27.00	\$ 4,833.00	\$ 24.00	\$ 4,296.00	\$ 155.00	\$ 27,745.00	\$ 61.50	\$ 11,008.50
29A	400	FT	Sewer, HDPE SDR 17, 12 Inch, Directionally Drilled in Place	\$ 35.00	\$ 14,000.00	\$ 65.00	\$ 26,000.00	\$ 46.00	\$ 18,400.00	\$ 125.00	\$ 50,000.00	\$ 75.70	\$ 30,280.00
30A	1	EA	6" Ø Sanitary Sewer Lead	\$ 650.00	\$ 650.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,000.00	\$ 1,000.00	\$ 2,645.00	\$ 2,645.00
31A	1	EA	Culv. End Section, 12 Inch	\$ 750.00	\$ 750.00	\$ 500.00	\$ 500.00	\$ 150.00	\$ 150.00	\$ 225.00	\$ 225.00	\$ 790.00	\$ 790.00
32A	10	SY	Rip Rap, Plain	\$ 50.00	\$ 500.00	\$ 50.00	\$ 500.00	\$ 15.00	\$ 150.00	\$ 195.00	\$ 1,950.00	\$ 130.00	\$ 1,300.00
33A	2100	FT	Curb and Gutter, Conc., Detail C-4, Modified	\$ 18.00	\$ 37,800.00	\$ 13.88	\$ 29,148.00	\$ 17.00	\$ 35,700.00	\$ 15.00	\$ 31,500.00	\$ 18.60	\$ 39,060.00
34A	265	FT	Driveway Opening, Conc., Detail L	\$ 20.00	\$ 5,300.00	\$ 14.38	\$ 3,810.70	\$ 16.00	\$ 4,240.00	\$ 28.00	\$ 7,420.00	\$ 25.50	\$ 6,757.50
35A	3200	SY	Agg. Base, 8 Inch	\$ 2.75	\$ 8,800.00	\$ 5.90	\$ 18,880.00	\$ 7.45	\$ 23,840.00	\$ 5.90	\$ 18,880.00	\$ 11.35	\$ 36,320.00
36A	4	EA	Furnish/adjust castings, EJW 1040	\$ 850.00	\$ 3,400.00	\$ 1,800.00	\$ 7,200.00	\$ 480.00	\$ 1,920.00	\$ 500.00	\$ 2,000.00	\$ 925.00	\$ 3,700.00
37A	10	SY	Agg. Base, 8 Inch, Driveways	\$ 8.00	\$ 80.00	\$ 6.00	\$ 60.00	\$ 12.00	\$ 120.00	\$ 25.00	\$ 250.00	\$ 85.00	\$ 850.00
38A	410	SFT	Concrete, 7 Inch, Driveway, H. E. Concrete	\$ 5.00	\$ 2,050.00	\$ 6.00	\$ 2,460.00	\$ 11.70	\$ 4,797.00	\$ 10.00	\$ 4,100.00	\$ 7.20	\$ 2,952.00
39A	25	TON	HMA, Approach, 13A, 220#/SY	\$ 65.00	\$ 1,625.00	\$ 125.00	\$ 3,125.00	\$ 170.00	\$ 4,250.00	\$ 120.00	\$ 3,000.00	\$ 112.00	\$ 2,800.00
40A	280	TON	13A HMA Leveling (165#/sy)	\$ 46.00	\$ 12,880.00	\$ 59.60	\$ 16,688.00	\$ 82.00	\$ 22,960.00	\$ 68.91	\$ 19,294.80	\$ 74.00	\$ 20,720.00
41A	280	TON	13A HMA Top (165#/sy)	\$ 48.00	\$ 13,440.00	\$ 60.60	\$ 16,968.00	\$ 72.00	\$ 20,160.00	\$ 70.00	\$ 19,600.00	\$ 74.00	\$ 20,720.00
42A	1400	SY	4" topsoil, seed, fert., mulch	\$ 6.00	\$ 8,400.00	\$ 5.00	\$ 7,000.00	\$ 4.70	\$ 6,580.00	\$ 3.15	\$ 4,410.00	\$ 14.30	\$ 20,020.00

Total Division A \$ 223,192.50 \$ 277,138.20 \$ 334,704.45 \$ 390,798.50 \$ 484,009.20

2008 Wayne Street Narrows and Watermain Improvement Project

Engineers Estimate	Bonney	SRW	Sinatech	Rieth-Riley Construction Co., Inc
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Division B
Cypress Street Watermain Improvement Project

Item No.	Est Qty	Unit	Description of Items	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1B		1 LSUM	Mobilization/Traffic Control	\$ 10,500.00	\$ 10,500.00	\$ 2,500.00	\$ 2,500.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 9,850.00	\$ 9,850.00
2B	500	LF	8" Dia. D.I. Watermain	\$ 35.00	\$ 17,500.00	\$ 40.00	\$ 20,000.00	\$ 47.00	\$ 23,500.00	\$ 60.00	\$ 30,000.00	\$ 54.50	\$ 27,250.00
3B	1	EA	6" x 6" Tapping Valve/Sleeve/Box	\$ 2,500.00	\$ 2,500.00	\$ 3,000.00	\$ 3,000.00	\$ 1,800.00	\$ 1,800.00	\$ 2,500.00	\$ 2,500.00	\$ 2,460.00	\$ 2,460.00
4B	1	EA	Fire Hydrant Assembly	\$ 2,750.00	\$ 2,750.00	\$ 2,950.00	\$ 2,950.00	\$ 3,300.00	\$ 3,300.00	\$ 3,000.00	\$ 3,000.00	\$ 3,195.00	\$ 3,195.00
5B	1	EA	8" Gate Valve	\$ 2,500.00	\$ 2,500.00	\$ 900.00	\$ 900.00	\$ 825.00	\$ 825.00	\$ 1,100.00	\$ 1,100.00	\$ 1,100.00	\$ 1,100.00
6B	5	EA	Install 1" Service	\$ 850.00	\$ 4,250.00	\$ 1,200.00	\$ 6,000.00	\$ 600.00	\$ 3,000.00	\$ 900.00	\$ 4,500.00	\$ 1,425.00	\$ 7,125.00
7B	5	EA	Connect to Existing Service	\$ 750.00	\$ 3,750.00	\$ 200.00	\$ 1,000.00	\$ 300.00	\$ 1,500.00	\$ 450.00	\$ 2,250.00	\$ 410.00	\$ 2,050.00
8B	1	EA	Connect to Existing 6" Main	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,800.00	\$ 2,800.00	\$ 1,850.00	\$ 1,850.00
9B	25	LF	Remove and Replace existing Curb and Gutter	\$ 27.50	\$ 687.50	\$ 21.50	\$ 537.50	\$ 30.00	\$ 750.00	\$ 20.00	\$ 500.00	\$ 29.40	\$ 735.00
10B	100	SYD	Sawcut/Remove Asphalt Surface	\$ 7.50	\$ 750.00	\$ 5.00	\$ 500.00	\$ 10.00	\$ 1,000.00	\$ 25.00	\$ 2,500.00	\$ 5.85	\$ 585.00
11B	150	SF	Remove and Replace Conc. Sidewalk/Ramps	\$ 10.00	\$ 1,500.00	\$ 8.15	\$ 1,222.50	\$ 11.00	\$ 1,650.00	\$ 21.00	\$ 3,150.00	\$ 8.50	\$ 1,275.00
12B	1200	SY	MDOT 22A Gravel 8" CIP	\$ 4.50	\$ 5,400.00	\$ 5.90	\$ 7,080.00	\$ 9.25	\$ 11,100.00	\$ 5.90	\$ 7,080.00	\$ 5.10	\$ 6,120.00
13B	12	TON	13A HMA Leveling (165#/sy)	\$ 75.00	\$ 900.00	\$ 190.00	\$ 2,280.00	\$ 125.00	\$ 1,500.00	\$ 68.91	\$ 826.92	\$ 150.00	\$ 1,800.00
14B	12	TON	13A HMA Top (165#/sy)	\$ 75.00	\$ 900.00	\$ 190.00	\$ 2,280.00	\$ 125.00	\$ 1,500.00	\$ 70.00	\$ 840.00	\$ 150.00	\$ 1,800.00

Total Division B	\$ 56,387.50	\$ 51,750.00	\$ 57,425.00	\$ 66,046.92	\$ 67,195.00
Total Division A and B	\$ 279,580.00	\$ 328,888.20	\$ 392,129.45	\$ 456,845.42	\$ 551,204.20

As Read