

# BID AWARD SUMMARY

LETTING DATE: April 11, 2017

**PROJECT:** Anamosa Street Reconstruction - Midway Street to Milwaukee Street  
Project No. 07-1473 / CIP No. 50559

**RECOMMENDATION:** Award Total Bid in the amount of \$3,941,397.20 to Hills Materials Company at the April 17, 2017 Council Meeting.

## BIDDER'S SUMMARY

### CONTRACTORS

### TOTAL BID

Hills Materials Company	\$3,941,397.20
Complete Concrete, Inc.	\$3,996,263.29
Heavy Constructors, Inc.	\$4,008,710.16
Mainline Contracting, Inc.	\$4,291,230.91
Tru-Form Construction, Inc.	\$4,322,972.00

City staff recommends awarding this project to Hills Materials Company for a total bid amount of \$3,941,397.20 based on unit pricing with the following appropriation:

	TOTAL	Waste Water	Streets	Water
FUNDING SOURCE				
ADVERTISING AUTHORITY	\$4,300,000.00	\$200,000.00	\$3,250,000.00	\$850,000.00
ENGINEER'S ESTIMATE	\$4,630,000.00	\$	\$	\$

**APPROPRIATION DATA:**

	TOTAL	Waste Water	Streets (Urban Systems)	Water
FUNDING SOURCE				
COST CENTER		833	89101	933
LINE ITEM		4380	4370	4381
FUNDING CENTER		604	505	602
BID AMOUNT	\$3,941,397.20	\$138,998.01	\$3,030,236.40	\$772,162.79

**PROJECT MANAGER:**   
Todd Peckosh, PE  
City of Rapid City

**DATE:** 4/12/17

**PROJECT NAME: Anamosa Street Reconstruction - Midway Street to Milwaukee Street**

**PROJECT NUMBER: PROJECT NO. 07-1473 / CIP NO. 50559**

**LET DATE: April 11, 2017**

**LOW BID AMOUNT: \$3,941,397.20**

ITEM NO.	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		HILLS MATERIALS COMPANY		COMPLETE CONCRETE, INC.		HEAVY CONSTRUCTORS, INC.		MAINLINE CONTRACTING, INC.		TRU-FORM CONSTRUCTION, INC.	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1		Mobilization	LS	1.00	\$52,306.96	\$52,306.96	\$187,680.00	\$187,680.00	\$294,000.00	\$294,000.00	\$65,425.67	\$65,425.67	\$185,000.00	\$185,000.00	\$102,000.00	\$102,000.00
2		Incidental Work	LS	1.00	\$85,000.00	\$85,000.00	\$102,380.00	\$102,380.00	\$74,500.00	\$74,500.00	\$11,920.88	\$11,920.88	\$175,000.00	\$175,000.00	\$236,000.00	\$236,000.00
3		Construction Staking	LS	1.00	\$30,000.00	\$30,000.00	\$34,000.00	\$34,000.00	\$35,000.00	\$35,000.00	\$54,621.80	\$54,621.80	\$36,500.00	\$36,500.00	\$35,000.00	\$35,000.00
4		Reestablish Property Corner	EA	13.00	\$190.00	\$2,470.00	\$200.00	\$2,600.00	\$150.00	\$1,950.00	\$102.55	\$1,333.15	\$200.00	\$2,600.00	\$202.00	\$2,626.00
5		Clear and Grub Tree	EA	40.00	\$600.00	\$24,000.00	\$512.00	\$20,480.00	\$525.00	\$21,000.00	\$901.54	\$36,061.60	\$326.00	\$13,040.00	\$267.00	\$10,680.00
6		Clearing and Grubbing	LS	1.00	\$2,500.00	\$2,500.00	\$6,378.00	\$6,378.00	\$12,500.00	\$12,500.00	\$3,380.76	\$3,380.76	\$8,550.00	\$8,550.00	\$22,000.00	\$22,000.00
7		Remove Fence	LF	62.00	\$10.00	\$620.00	\$13.00	\$806.00	\$12.50	\$775.00	\$13.52	\$838.24	\$5.90	\$365.80	\$14.00	\$868.00
8		Remove Chain Link Fence	LF	1,162.00	\$3.00	\$3,486.00	\$3.75	\$4,357.50	\$3.60	\$4,183.20	\$3.94	\$4,578.28	\$5.75	\$6,681.50	\$4.00	\$4,648.00
9		Remove Concrete Pavement	SY	267.40	\$6.00	\$1,604.40	\$9.30	\$2,486.82	\$13.50	\$3,609.90	\$10.81	\$2,890.59	\$6.00	\$1,604.40	\$30.00	\$8,022.00
10		Remove Asphalt Concrete Pavement	SY	14,898.20	\$3.25	\$48,419.15	\$3.75	\$55,868.25	\$4.70	\$70,021.54	\$4.63	\$68,978.67	\$3.50	\$52,143.70	\$5.00	\$74,491.00
11		Remove Concrete Curb and Gutter	LF	5,981.00	\$1.50	\$8,971.50	\$3.75	\$22,428.75	\$6.00	\$35,886.00	\$3.74	\$22,368.94	\$2.50	\$14,952.50	\$7.00	\$41,867.00
12		Remove Concrete Approach Pavement	SY	60.90	\$6.60	\$401.94	\$12.00	\$730.80	\$17.50	\$1,065.75	\$8.30	\$505.47	\$9.00	\$548.10	\$10.00	\$609.00
13		Remove Concrete Driveway Pavement	SY	451.90	\$5.50	\$2,485.45	\$11.35	\$5,129.07	\$17.50	\$7,908.25	\$8.39	\$3,791.44	\$6.00	\$2,711.40	\$20.00	\$9,038.00
14		Remove Concrete Sidewalk	SY	3,374.60	\$4.00	\$13,498.40	\$8.95	\$30,202.67	\$10.00	\$33,746.00	\$5.00	\$16,873.00	\$7.00	\$23,622.20	\$5.00	\$16,873.00
15		Remove Concrete Retaining Wall	LF	531.00	\$12.00	\$6,372.00	\$6.60	\$3,504.60	\$10.50	\$5,575.50	\$10.27	\$5,453.37	\$5.00	\$2,655.00	\$2.00	\$1,062.00

16	Remove Guardrail	LF	66.00	\$5.00	\$330.00	\$24.00	\$1,584.00	\$21.00	\$1,386.00	\$17.98	\$1,186.68	\$14.00	\$924.00	\$23.00	\$1,518.00
17	Remove Building	EA	2.00	\$2,000.00	\$4,000.00	\$1,180.00	\$2,360.00	\$4,200.00	\$8,400.00	\$2,005.85	\$4,011.70	\$1,500.00	\$3,000.00	\$5,000.00	\$10,000.00
18	Remove and Reset Fence	LF	86.00	\$15.00	\$1,290.00	\$33.00	\$2,838.00	\$33.00	\$2,838.00	\$35.50	\$3,053.00	\$20.00	\$1,720.00	\$36.00	\$3,096.00
19	Remove and Reset Gate	EA	3.00	\$100.00	\$300.00	\$330.00	\$990.00	\$325.00	\$975.00	\$354.98	\$1,064.94	\$360.00	\$1,080.00	\$363.00	\$1,089.00
20	Remove Erosion Control Waffle	LF	1,569.00	\$0.80	\$1,255.20	\$0.90	\$1,412.10	\$0.85	\$1,333.65	\$0.96	\$1,506.24	\$0.95	\$1,490.55	\$1.00	\$1,569.00
21	Remove Gravel Filter Sock	LF	180.00	\$0.80	\$144.00	\$1.10	\$198.00	\$1.00	\$180.00	\$1.13	\$203.40	\$1.10	\$198.00	\$1.15	\$207.00
22	Remove Silt Fence	LF	770.00	\$1.25	\$962.50	\$1.50	\$1,155.00	\$1.50	\$1,155.00	\$1.52	\$1,170.40	\$1.50	\$1,155.00	\$1.60	\$1,232.00
23	Remove Pavement Marking, 4" or Equivalent	LF	1,500.00	\$0.50	\$750.00	\$0.35	\$525.00	\$0.32	\$480.00	\$0.56	\$840.00	\$0.58	\$870.00	\$0.35	\$525.00
24	Remove Signal Equipment	LS	1.00	\$6,000.00	\$6,000.00	\$1,100.00	\$1,100.00	\$1,050.00	\$1,050.00	\$1,126.92	\$1,126.92	\$1,450.00	\$1,450.00	\$1,100.00	\$1,100.00
25	Remove Traffic Sign	EA	13.00	\$70.00	\$910.00	\$53.00	\$689.00	\$52.00	\$676.00	\$56.35	\$732.55	\$55.00	\$715.00	\$58.00	\$754.00
26	Salvage and Replace Landscape Rock	SY	218.00	\$2.00	\$436.00	\$4.65	\$1,013.70	\$12.00	\$2,616.00	\$12.68	\$2,764.24	\$13.00	\$2,834.00	\$13.00	\$2,834.00
27	AASHTO T-180 Soil Test	EA	4.00	\$180.00	\$720.00	\$610.00	\$2,440.00	\$200.00	\$800.00	\$202.85	\$811.40	\$185.00	\$740.00	\$235.50	\$942.00
28	Unclassified Excavation	CY	15,415.00	\$15.00	\$231,225.00	\$7.10	\$109,446.50	\$12.00	\$184,980.00	\$11.53	\$177,734.95	\$13.60	\$209,644.00	\$6.00	\$92,490.00
29	Undercutting	CY	5,336.00	\$20.00	\$106,720.00	\$8.50	\$45,356.00	\$3.65	\$19,476.40	\$7.49	\$39,966.64	\$6.20	\$33,083.20	\$19.00	\$101,384.00
30	Topsoil and Compost Mixture, Furnish and Place	CY	2,366.00	\$40.00	\$94,640.00	\$37.60	\$88,961.60	\$35.00	\$82,810.00	\$38.03	\$89,978.98	\$36.00	\$85,176.00	\$39.00	\$92,274.00
31	Sodding	SY	12,011.00	\$6.50	\$78,071.50	\$5.40	\$64,859.40	\$5.00	\$60,055.00	\$5.47	\$65,700.17	\$5.25	\$63,057.75	\$6.00	\$72,066.00
32	Seeding and Fertilizing	SY	3,272.00	\$1.50	\$4,908.00	\$0.83	\$2,715.76	\$0.80	\$2,617.60	\$0.85	\$2,781.20	\$0.82	\$2,683.04	\$1.00	\$3,272.00
33	4" Underdrain Pipe	LF	4,865.00	\$10.00	\$48,650.00	\$8.40	\$40,866.00	\$9.00	\$43,785.00	\$17.12	\$83,288.80	\$10.80	\$52,542.00	\$10.00	\$48,650.00
34	4" Corrugated Polyethylene Drainage Tubing	LF	648.00	\$8.00	\$5,184.00	\$1.40	\$907.20	\$6.50	\$4,212.00	\$1.41	\$913.68	\$5.00	\$3,240.00	\$10.00	\$6,480.00
35	Type 1 Bedding Material	TON	200.00	\$22.00	\$4,400.00	\$17.75	\$3,550.00	\$20.00	\$4,000.00	\$35.13	\$7,026.00	\$18.00	\$3,600.00	\$18.67	\$3,734.00
36	Type 3 Foundation Material	TON	500.00	\$25.00	\$12,500.00	\$17.75	\$8,875.00	\$28.00	\$14,000.00	\$37.30	\$18,650.00	\$18.00	\$9,000.00	\$18.67	\$9,335.00
37	Pipe Encasement	EA	5.00	\$1,500.00	\$7,500.00	\$830.00	\$4,150.00	\$785.00	\$3,925.00	\$1,214.24	\$6,071.20	\$1,250.00	\$6,250.00	\$1,037.00	\$5,185.00

38	6" PVC Restrained Joint Water Main	LF	373.00	\$55.00	\$20,515.00	\$56.70	\$21,149.10	\$32.50	\$12,122.50	\$29.23	\$10,902.79	\$37.00	\$13,801.00	\$68.00	\$25,364.00
39	8" PVC Restrained Joint Water Main	LF	1,096.00	\$60.00	\$65,760.00	\$45.00	\$49,320.00	\$3.60	\$3,945.60	\$38.35	\$42,031.60	\$39.00	\$42,744.00	\$54.00	\$59,184.00
40	12" PVC Restrained Joint Water Main	LF	3,254.00	\$70.00	\$227,780.00	\$60.00	\$195,240.00	\$55.50	\$180,597.00	\$59.35	\$193,124.90	\$54.00	\$175,716.00	\$73.00	\$237,542.00
41	16" PVC Water Main	LF	1,656.00	\$90.00	\$149,040.00	\$52.25	\$86,526.00	\$63.00	\$104,328.00	\$61.43	\$101,728.08	\$64.00	\$105,984.00	\$63.00	\$104,328.00
42	18" PVC Water Main	LF	10.00	\$145.00	\$1,450.00	\$141.00	\$1,410.00	\$131.00	\$1,310.00	\$106.05	\$1,060.50	\$175.00	\$1,750.00	\$176.20	\$1,762.00
43	1" Copper Pipe	LF	1,082.00	\$50.00	\$54,100.00	\$38.40	\$41,548.80	\$35.00	\$37,870.00	\$28.39	\$30,717.98	\$45.00	\$48,690.00	\$45.00	\$48,690.00
44	2" Copper Pipe	LF	15.00	\$100.00	\$1,500.00	\$59.00	\$885.00	\$51.00	\$765.00	\$161.30	\$2,419.50	\$128.00	\$1,920.00	\$74.00	\$1,110.00
45	8" PVC Sewer Pipe	LF	1,170.00	\$30.00	\$35,100.00	\$18.75	\$21,937.50	\$34.00	\$39,780.00	\$26.35	\$30,829.50	\$9.90	\$11,583.00	\$23.50	\$27,495.00
46	4" Sewer Service	LF	663.00	\$60.00	\$39,780.00	\$50.25	\$33,315.75	\$36.00	\$23,868.00	\$33.32	\$22,091.16	\$35.00	\$23,205.00	\$63.00	\$41,769.00
47	4" Sanitary Sewer Cleanout	EA	17.00	\$400.00	\$6,800.00	\$374.00	\$6,358.00	\$195.00	\$3,315.00	\$80.66	\$1,371.22	\$350.00	\$5,950.00	\$469.00	\$7,973.00
48	8"x6" Pipe Tee	EA	5.00	\$900.00	\$4,500.00	\$692.00	\$3,460.00	\$480.00	\$2,400.00	\$516.14	\$2,580.70	\$950.00	\$4,750.00	\$866.00	\$4,330.00
49	8"x8" Pipe Tee	EA	1.00	\$1,000.00	\$1,000.00	\$935.00	\$935.00	\$525.00	\$525.00	\$561.34	\$561.34	\$965.00	\$965.00	\$1,170.00	\$1,170.00
50	12"x6" Pipe Tee	EA	3.00	\$1,200.00	\$3,600.00	\$1,044.00	\$3,132.00	\$705.00	\$2,115.00	\$722.60	\$2,167.80	\$1,150.00	\$3,450.00	\$1,307.00	\$3,921.00
51	12"x8" Pipe Tee	EA	5.00	\$1,350.00	\$6,750.00	\$1,131.50	\$5,657.50	\$760.00	\$3,800.00	\$649.69	\$3,248.45	\$1,205.00	\$6,025.00	\$2,361.00	\$11,805.00
52	16"x6" Pipe Tee	EA	2.00	\$1,750.00	\$3,500.00	\$1,672.00	\$3,344.00	\$1,400.00	\$2,800.00	\$1,041.81	\$2,083.62	\$2,100.00	\$4,200.00	\$2,093.00	\$4,186.00
53	16"x8" Pipe Tee	EA	2.00	\$1,850.00	\$3,700.00	\$1,727.00	\$3,454.00	\$1,470.00	\$2,940.00	\$1,098.15	\$2,196.30	\$1,775.00	\$3,550.00	\$2,162.00	\$4,324.00
54	16"x16" Pipe Tee	EA	1.00	\$2,050.00	\$2,050.00	\$2,290.00	\$2,290.00	\$1,940.00	\$1,940.00	\$1,347.41	\$1,347.41	\$2,250.00	\$2,250.00	\$2,865.00	\$2,865.00
55	12"x12" Pipe Cross	EA	1.00	\$1,600.00	\$1,600.00	\$1,730.00	\$1,730.00	\$1,200.00	\$1,200.00	\$987.59	\$987.59	\$1,650.00	\$1,650.00	\$2,166.00	\$2,166.00
56	8"x6" Pipe Reducer	EA	6.00	\$650.00	\$3,900.00	\$509.00	\$3,054.00	\$260.00	\$1,560.00	\$247.55	\$1,485.30	\$615.00	\$3,690.00	\$636.50	\$3,819.00
57	12"x8" Pipe Reducer	EA	3.00	\$800.00	\$2,400.00	\$831.50	\$2,494.50	\$399.00	\$1,197.00	\$370.46	\$1,111.38	\$700.00	\$2,100.00	\$1,041.00	\$3,123.00
58	16"x12" Pipe Reducer	EA	1.00	\$1,100.00	\$1,100.00	\$1,324.00	\$1,324.00	\$760.00	\$760.00	\$897.37	\$897.37	\$1,085.00	\$1,085.00	\$1,658.00	\$1,658.00
59	18"x16" Pipe Reducer	EA	1.00	\$1,500.00	\$1,500.00	\$1,700.00	\$1,700.00	\$1,092.00	\$1,092.00	\$1,318.59	\$1,318.59	\$1,395.00	\$1,395.00	\$2,123.00	\$2,123.00

60	Tapping Saddle	EA	32.00	\$325.00	\$10,400.00	\$317.50	\$10,160.00	\$525.00	\$16,800.00	\$576.94	\$18,462.08	\$340.00	\$10,880.00	\$397.00	\$12,704.00
61	2" Corporation Stop and Tapping Saddle	EA	1.00	\$900.00	\$900.00	\$533.00	\$533.00	\$735.00	\$735.00	\$574.94	\$574.94	\$1,025.00	\$1,025.00	\$667.00	\$667.00
62	1" Curb Stop with Box	EA	32.00	\$400.00	\$12,800.00	\$700.50	\$22,416.00	\$275.00	\$8,800.00	\$294.16	\$9,413.12	\$310.00	\$9,920.00	\$877.00	\$28,064.00
63	2" Curb Stop with Box	EA	1.00	\$800.00	\$800.00	\$947.25	\$947.25	\$550.00	\$550.00	\$575.94	\$575.94	\$650.00	\$650.00	\$1,186.00	\$1,186.00
64	6" Pipe Bend	EA	11.00	\$650.00	\$7,150.00	\$401.50	\$4,416.50	\$315.00	\$3,465.00	\$395.10	\$4,346.10	\$800.00	\$8,800.00	\$503.00	\$5,533.00
65	8" Pipe Bend	EA	5.00	\$800.00	\$4,000.00	\$480.00	\$2,400.00	\$390.00	\$1,950.00	\$523.66	\$2,618.30	\$900.00	\$4,500.00	\$599.00	\$2,995.00
66	12" Pipe Bend	EA	5.00	\$1,150.00	\$5,750.00	\$900.00	\$4,500.00	\$620.00	\$3,100.00	\$581.80	\$2,909.00	\$1,085.00	\$5,425.00	\$1,116.00	\$5,580.00
67	16" Pipe Bend	EA	3.00	\$1,500.00	\$4,500.00	\$1,330.00	\$3,990.00	\$1,155.00	\$3,465.00	\$1,339.28	\$4,017.84	\$1,995.00	\$5,985.00	\$1,667.00	\$5,001.00
68	6" Gate Valve with Box	EA	1.00	\$1,750.00	\$1,750.00	\$1,440.00	\$1,440.00	\$945.00	\$945.00	\$870.54	\$870.54	\$1,300.00	\$1,300.00	\$1,791.00	\$1,791.00
69	8" Gate Valve with Box	EA	9.00	\$2,000.00	\$18,000.00	\$1,785.00	\$16,065.00	\$1,330.00	\$11,970.00	\$1,164.25	\$10,478.25	\$1,685.00	\$15,165.00	\$2,235.00	\$20,115.00
70	12" Gate Valve with Box	EA	11.00	\$3,750.00	\$41,250.00	\$3,000.00	\$33,000.00	\$2,490.00	\$27,390.00	\$2,243.57	\$24,679.27	\$2,750.00	\$30,250.00	\$3,757.00	\$41,327.00
71	16" Gate Valve with Box	EA	5.00	\$6,000.00	\$30,000.00	\$6,685.00	\$33,425.00	\$6,615.00	\$33,075.00	\$5,886.97	\$29,434.85	\$6,800.00	\$34,000.00	\$8,367.80	\$41,839.00
72	18" Gate Valve with Box	EA	1.00	\$9,000.00	\$9,000.00	\$10,740.00	\$10,740.00	\$11,235.00	\$11,235.00	\$10,431.73	\$10,431.73	\$12,000.00	\$12,000.00	\$13,445.00	\$13,445.00
73	Fire Hydrant with Auxiliary Valve & Box	EA	10.00	\$6,000.00	\$60,000.00	\$5,250.00	\$52,500.00	\$4,725.00	\$47,250.00	\$4,372.72	\$43,727.20	\$6,200.00	\$62,000.00	\$6,564.30	\$65,643.00
74	Imported Trench Backfill	CY	500.00	\$50.00	\$25,000.00	\$9.25	\$4,625.00	\$6.30	\$3,150.00	\$25.61	\$12,805.00	\$10.00	\$5,000.00	\$11.99	\$5,995.00
75	Trench 8' to 10' Deep	LF	275.00	\$45.00	\$12,375.00	\$5.50	\$1,512.50	\$5.25	\$1,443.75	\$9.68	\$2,662.00	\$26.00	\$7,150.00	\$7.00	\$1,925.00
76	Trench 10' to 12' Deep	LF	618.00	\$55.00	\$33,990.00	\$7.25	\$4,480.50	\$7.90	\$4,882.20	\$9.68	\$5,982.24	\$30.00	\$18,540.00	\$9.00	\$5,562.00
77	Trench 12' to 14' Deep	LF	297.00	\$65.00	\$19,305.00	\$10.00	\$2,970.00	\$12.50	\$3,712.50	\$9.68	\$2,874.96	\$36.00	\$10,692.00	\$13.00	\$3,861.00
78	Reconnect Water Service	EA	32.00	\$450.00	\$14,400.00	\$205.50	\$6,576.00	\$90.00	\$2,880.00	\$119.73	\$3,831.36	\$250.00	\$8,000.00	\$257.00	\$8,224.00
79	Connect to Existing Water Main	EA	17.00	\$2,500.00	\$42,500.00	\$2,491.00	\$42,347.00	\$450.00	\$7,650.00	\$1,840.71	\$31,292.07	\$2,500.00	\$42,500.00	\$3,119.00	\$53,023.00
80	Reconnect Sewer Service	EA	16.00	\$500.00	\$8,000.00	\$175.00	\$2,800.00	\$185.00	\$2,960.00	\$445.40	\$7,126.40	\$415.00	\$6,640.00	\$219.00	\$3,504.00
81	New Sewer Service	EA	1.00	\$600.00	\$600.00	\$2,525.00	\$2,525.00	\$2,310.00	\$2,310.00	\$1,676.30	\$1,676.30	\$995.00	\$995.00	\$3,156.00	\$3,156.00

82	Connect to Existing Sewer Main	EA	2.00	\$2,000.00	\$4,000.00	\$695.00	\$1,390.00	\$420.00	\$840.00	\$1,615.77	\$3,231.54	\$850.00	\$1,700.00	\$869.50	\$1,739.00
83	Test Station	EA	5.00	\$500.00	\$2,500.00	\$416.50	\$2,082.50	\$285.00	\$1,425.00	\$279.30	\$1,396.50	\$350.00	\$1,750.00	\$521.00	\$2,605.00
84	Tracer Wire Access Box - 2-Wire	EA	16.00	\$200.00	\$3,200.00	\$156.50	\$2,504.00	\$115.00	\$1,840.00	\$115.17	\$1,842.72	\$135.00	\$2,160.00	\$196.00	\$3,136.00
85	Tracer Wire Access Box - Large	EA	3.00	\$300.00	\$900.00	\$304.60	\$913.80	\$285.00	\$855.00	\$207.02	\$621.06	\$230.00	\$690.00	\$381.00	\$1,143.00
86	Blank		0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
87	48" Manhole	EA	5.00	\$5,000.00	\$25,000.00	\$4,050.00	\$20,250.00	3360	\$16,800.00	\$3,538.96	\$17,694.80	\$5,000.00	\$25,000.00	\$5,090.20	\$25,451.00
88	48" Drop Manhole	EA	1.00	\$6,000.00	\$6,000.00	\$5,045.00	\$5,045.00	\$3,360.00	\$3,360.00	\$4,694.36	\$4,694.36	\$7,000.00	\$7,000.00	\$6,316.00	\$6,316.00
89	Extra Depth for 48" Manhole	VF	29.80	\$350.00	\$10,430.00	\$502.85	\$14,984.93	\$210.00	\$6,258.00	\$309.35	\$9,218.63	\$580.00	\$17,284.00	\$630.00	\$18,774.00
90	12" PVC Storm Sewer, Furnish and Install	LF	390.00	\$35.00	\$13,650.00	\$33.70	\$13,143.00	\$40.00	\$15,600.00	\$26.70	\$10,413.00	\$35.00	\$13,650.00	\$42.20	\$16,458.00
91	18" RCP, Class 3, Furnish and Install	LF	1,132.00	\$70.00	\$79,240.00	\$52.25	\$59,147.00	\$53.00	\$59,996.00	\$51.27	\$58,037.64	\$65.00	\$73,580.00	\$63.00	\$71,316.00
92	24" RCP Class 3, Furnish and Install	LF	479.00	\$95.00	\$45,505.00	\$62.00	\$29,698.00	\$63.50	\$30,416.50	\$61.37	\$29,396.23	\$79.00	\$37,841.00	\$78.00	\$37,362.00
93	18" x 18" x 18" RCP Tee, Furnish and Install	EA	2.00	\$1,200.00	\$2,400.00	\$1,388.00	\$2,776.00	\$1,200.00	\$2,400.00	\$1,119.61	\$2,239.22	\$1,500.00	\$3,000.00	\$1,737.00	\$3,474.00
94	2' x 3' Type B Drop Inlet	EA	16.00	\$2,200.00	\$35,200.00	\$2,500.00	\$40,000.00	\$1,800.00	\$28,800.00	\$2,796.00	\$44,736.00	\$2,850.00	\$45,600.00	\$2,190.00	\$35,040.00
95	3' x 4' Type B Drop Inlet	EA	7.00	\$3,800.00	\$26,600.00	\$2,844.00	\$19,908.00	\$2,100.00	\$14,700.00	\$3,494.89	\$24,464.23	\$3,200.00	\$22,400.00	\$2,554.00	\$17,878.00
96	3'x4' Type C Drop Inlet	EA	1.00	\$3,800.00	\$3,800.00	\$3,356.25	\$3,356.25	\$2,300.00	\$2,300.00	\$4,426.94	\$4,426.94	\$3,700.00	\$3,700.00	\$2,909.00	\$2,909.00
97	Type B Frame and Grate Assembly	EA	23.00	\$650.00	\$14,950.00	\$555.00	\$12,765.00	\$600.00	\$13,800.00	\$477.84	\$10,990.32	\$500.00	\$11,500.00	\$819.00	\$18,837.00
98	Type C Frame and Grate Assembly	EA	1.00	\$800.00	\$800.00	\$1,610.00	\$1,610.00	\$1,200.00	\$1,200.00	\$1,583.34	\$1,583.34	\$1,600.00	\$1,600.00	\$1,758.00	\$1,758.00
99	Fiber Reinforced Matrix	SY	2,703.00	\$0.95	\$2,567.85	\$1.95	\$5,270.85	\$1.80	\$4,865.40	\$1.97	\$5,324.91	\$2.00	\$5,406.00	\$2.00	\$5,406.00
100	Type 2 Erosion Control Blanket	SY	570.00	\$6.50	\$3,705.00	\$3.50	\$1,995.00	\$3.40	\$1,938.00	\$3.66	\$2,086.20	\$1.75	\$997.50	\$3.70	\$2,109.00
101	12" Diameter Erosion Control Wattle	LF	1,569.00	\$5.25	\$8,237.25	\$4.75	\$7,452.75	\$4.75	\$7,452.75	\$5.07	\$7,954.83	\$5.00	\$7,845.00	\$5.00	\$7,845.00
102	Remove and Reset Erosion Control Wattle	LF	350.00	\$1.20	\$420.00	\$2.25	\$787.50	\$2.00	\$700.00	\$2.25	\$787.50	\$2.20	\$770.00	\$2.30	\$805.00
103	Gravel Filter Sock	LF	180.00	\$5.65	\$1,017.00	\$5.00	\$900.00	\$4.75	\$855.00	\$5.07	\$912.60	\$5.00	\$900.00	\$5.20	\$936.00

104		Remove and Reset Gravel Filter Sock	LF	180.00	\$1.00	\$180.00	\$1.10	\$198.00	\$1.00	\$180.00	\$1.13	\$203.40	\$1.10	\$198.00	\$1.15	\$207.00
105		High Flow Silt Fence	LF	770.00	\$6.00	\$4,620.00	\$8.25	\$6,352.50	\$8.00	\$6,160.00	\$8.79	\$6,768.30	\$8.40	\$6,468.00	\$9.00	\$6,930.00
106		Sediment Control at Inlet with Frame and Grate	EA	30.00	\$100.00	\$3,000.00	\$160.00	\$4,800.00	\$155.00	\$4,650.00	\$169.04	\$5,071.20	\$165.00	\$4,950.00	\$172.70	\$5,181.00
107		Sediment Control at Type S Reinforced Concrete Drop Inlet	LF	24.00	\$18.00	\$432.00	\$20.00	\$480.00	\$20.00	\$480.00	\$21.41	\$513.84	\$21.00	\$504.00	\$22.00	\$528.00
108		Sweeping	HR	40.00	\$150.00	\$6,000.00	\$148.50	\$5,940.00	\$100.00	\$4,000.00	\$135.23	\$5,409.20	\$85.00	\$3,400.00	\$115.20	\$4,608.00
109		Vehicle Tracking Control	EA	5.00	\$1,000.00	\$5,000.00	\$1,017.00	\$5,085.00	\$1,550.00	\$7,750.00	\$3,080.39	\$15,401.95	\$750.00	\$3,750.00	\$1,601.00	\$8,005.00
110		Aggregate Base Course, 1"	TON	980.10	\$26.00	\$25,482.60	\$24.80	\$24,306.48	\$21.75	\$21,317.18	\$24.95	\$24,453.50	\$32.00	\$31,363.20	\$30.00	\$29,403.00
111		Gravel Cushion	TON	2,907.70	\$26.00	\$75,600.20	\$23.60	\$68,621.72	\$20.00	\$58,154.00	\$24.55	\$71,384.04	\$27.00	\$78,507.90	\$30.00	\$87,231.00
112		Gravel Surfacing	TON	1,660.00	\$26.00	\$43,160.00	\$23.70	\$39,342.00	\$24.00	\$39,840.00	\$24.44	\$40,570.40	\$24.00	\$39,840.00	\$29.65	\$49,219.00
113		AC, Class G, Type 1 PG 64-28	Ton	617.30	\$120.00	\$74,076.00	\$106.50	\$65,742.45	\$100.00	\$61,730.00	\$107.22	\$66,186.91	\$106.00	\$65,433.80	\$140.00	\$86,422.00
114		SS-1h or CSS-1h Asphalt for Tack	Ton	2.00	\$300.00	\$600.00	\$635.00	\$1,270.00	\$1,175.00	\$2,350.00	\$1,267.79	\$2,535.58	\$1,150.00	\$2,300.00	\$605.00	\$1,210.00
115		PCC Pavement, 8" Nonreinforced	SY	11,677.10	\$70.00	\$817,397.00	\$53.00	\$618,886.30	\$56.00	\$653,917.60	\$55.71	\$650,531.24	\$55.00	\$642,240.50	\$50.00	\$583,855.00
116		Concrete Fillet & Pan, 6" Reinforced	SY	23.90	\$110.00	\$2,629.00	\$128.00	\$3,059.20	\$100.00	\$2,390.00	\$175.28	\$4,189.19	\$121.00	\$2,891.90	\$130.00	\$3,107.00
117		Concrete Fillet & Pan, 8" Reinforced	SY	426.40	\$130.00	\$55,432.00	\$128.00	\$54,579.20	\$105.00	\$44,772.00	\$193.16	\$82,363.42	\$132.00	\$56,284.80	\$110.00	\$46,904.00
118		Dowel Bar	EA	7,349.00	\$10.00	\$73,490.00	\$10.00	\$73,490.00	\$10.00	\$73,490.00	\$7.92	\$58,204.08	\$9.85	\$72,387.65	\$9.00	\$66,141.00
119		Insert Steel Bar in PCC Pavement	EA	72.00	\$30.00	\$2,160.00	\$14.50	\$1,044.00	\$25.00	\$1,800.00	\$48.11	\$3,463.92	\$14.25	\$1,026.00	\$13.00	\$936.00
120		6" PCC Driveway Pavement	SY	658.80	\$65.00	\$42,822.00	\$54.00	\$35,575.20	\$70.00	\$46,116.00	\$76.60	\$50,464.08	\$60.55	\$39,890.34	\$50.00	\$32,940.00
121		6" Reinforced PCC Driveway Pavement	SY	167.30	\$70.00	\$11,711.00	\$100.00	\$16,730.00	\$80.00	\$13,384.00	\$100.00	\$16,730.00	\$110.00	\$18,403.00	\$100.00	\$16,730.00
122		6" PCC Approach Pavement	SY	234.80	\$85.00	\$19,958.00	\$75.00	\$17,610.00	\$70.00	\$16,436.00	\$77.38	\$18,168.82	\$89.10	\$20,920.68	\$80.00	\$18,784.00
123		6" Reinforced PCC Approach Pavement	SY	144.50	\$90.00	\$13,005.00	\$110.00	\$15,895.00	\$80.00	\$11,560.00	\$125.75	\$18,170.88	\$122.00	\$17,629.00	\$110.00	\$15,895.00
124		Type B66 Concrete Curb and Gutter	LF	750.00	\$25.00	\$18,750.00	\$24.50	\$18,375.00	\$30.00	\$22,500.00	\$42.59	\$31,942.50	\$27.00	\$20,250.00	\$26.00	\$19,500.00
125		Type B68 Concrete Curb and Gutter	LF	4,021.00	\$30.00	\$120,630.00	\$23.00	\$92,483.00	\$20.00	\$80,420.00	\$25.59	\$102,897.39	\$24.50	\$98,514.50	\$21.00	\$84,441.00

126	Special Type B66 Concrete Curb and Gutter	LF	233.00	\$20.00	\$4,660.00	\$29.00	\$6,757.00	\$28.00	\$6,524.00	\$42.59	\$9,923.47	\$29.00	\$6,757.00	\$30.00	\$6,990.00
127	Type P6 Concrete Gutter	LF	48.00	\$25.00	\$1,200.00	\$29.00	\$1,392.00	\$30.00	\$1,440.00	\$42.71	\$2,050.08	\$28.75	\$1,380.00	\$28.00	\$1,344.00
128	Type P8 Concrete Gutter	LF	504.00	\$30.00	\$15,120.00	\$27.00	\$13,608.00	\$20.00	\$10,080.00	\$42.59	\$21,465.36	\$27.50	\$13,860.00	\$26.00	\$13,104.00
129	4" Concrete Sidewalk	SF	30,229.00	\$5.00	\$151,145.00	\$7.25	\$219,160.25	\$6.00	\$181,374.00	\$6.42	\$194,070.18	\$8.25	\$249,389.25	\$5.00	\$151,145.00
130	4" Colored Concrete Sidewalk	SF	825.00	\$6.00	\$4,950.00	\$12.80	\$10,560.00	\$9.00	\$7,425.00	\$12.31	\$10,155.75	\$13.00	\$10,725.00	\$11.72	\$9,669.00
131	6" Concrete Sidewalk	SF	1,799.00	\$6.00	\$10,794.00	\$7.25	\$13,042.75	\$9.00	\$16,191.00	\$9.14	\$16,442.86	\$8.15	\$14,661.85	\$7.00	\$12,593.00
132	6" Reinforced Concrete Sidewalk	SF	1,016.00	\$7.00	\$7,112.00	\$10.50	\$10,668.00	\$10.00	\$10,160.00	\$12.38	\$12,578.08	\$11.70	\$11,887.20	\$10.00	\$10,160.00
133	Detectable Warning Surface	SF	402.00	\$50.00	\$20,100.00	\$26.50	\$10,653.00	\$50.00	\$20,100.00	\$19.72	\$7,927.44	\$28.00	\$11,256.00	\$25.00	\$10,050.00
134	Class A45 Concrete	CY	58.30	\$1,100.00	\$64,130.00	\$674.00	\$39,294.20	\$650.00	\$37,895.00	\$1,025.54	\$59,788.98	\$675.00	\$39,352.50	\$690.00	\$40,227.00
135	Type C Retaining Wall	SF	617.00	\$72.00	\$44,424.00	\$41.00	\$25,297.00	\$100.00	\$61,700.00	\$70.88	\$43,732.96	\$59.00	\$36,403.00	\$51.00	\$31,467.00
136	Special Type C Retaining Wall	SF	606.00	\$85.00	\$51,510.00	\$60.00	\$36,360.00	\$100.00	\$60,600.00	\$70.88	\$42,953.28	\$78.00	\$47,268.00	\$57.00	\$34,542.00
137	Class M6 Concrete	CY	2.40	\$1,300.00	\$3,120.00	\$2,298.00	\$5,515.20	\$1,000.00	\$2,400.00	\$1,040.54	\$2,497.30	\$2,250.00	\$5,400.00	\$2,240.00	\$5,376.00
138	Epoxy Coated Reinforcing Steel	LB	7,593.00	\$1.25	\$9,491.25	\$1.15	\$8,731.95	\$1.50	\$11,389.50	\$4.60	\$34,927.80	\$1.08	\$8,200.44	\$2.00	\$15,186.00
139	4' Chain Link Fence with Top Rail	LF	1,179.00	\$60.00	\$70,740.00	\$16.00	\$18,864.00	\$15.00	\$17,685.00	\$16.34	\$19,264.86	\$14.35	\$16,918.65	\$17.00	\$20,043.00
140	Temporary Fence	FT	258.00	\$5.00	\$1,290.00	\$5.60	\$1,444.80	\$5.25	\$1,354.50	\$5.63	\$1,452.54	\$3.25	\$838.50	\$6.00	\$1,548.00
141	Double Vehicular Swing Gate	EA	1.00	\$500.00	\$500.00	\$552.50	\$552.50	\$525.00	\$525.00	\$563.46	\$563.46	\$550.00	\$550.00	\$576.00	\$576.00
142	Remove and Reset Gravity Segmental Block Wall	SF	144.00	\$26.00	\$3,744.00	\$32.40	\$4,665.60	\$40.00	\$5,760.00	\$32.68	\$4,705.92	\$12.50	\$1,800.00	\$33.00	\$4,752.00
143	Structure Excavation, Retaining Wall	CY	134.00	\$15.00	\$2,010.00	\$28.40	\$3,805.60	\$73.50	\$9,849.00	\$5.16	\$691.44	\$105.00	\$14,070.00	\$65.00	\$8,710.00
144	Structure Excavation, Miscellaneous	CY	2.00	\$30.00	\$60.00	\$44.40	\$88.80	\$395.00	\$790.00	\$77.45	\$154.90	\$150.00	\$300.00	\$48.00	\$96.00
145	Footing Undercut	CY	178.00	\$65.00	\$11,570.00	\$14.10	\$2,509.80	\$8.50	\$1,513.00	\$34.00	\$6,052.00	\$61.00	\$10,858.00	\$48.00	\$8,544.00
146	Gravity Segmental Block Wall	SF	764.00	\$30.00	\$22,920.00	\$32.90	\$25,135.60	\$35.00	\$26,740.00	\$6.16	\$4,706.24	\$42.50	\$32,470.00	\$34.00	\$25,976.00
147	Gravity Large Concrete Block Wall	SF	1,761.00	\$78.00	\$137,358.00	\$35.90	\$63,219.90	\$42.00	\$73,962.00	\$59.65	\$105,043.65	\$44.00	\$77,484.00	\$41.00	\$72,201.00



148	Special 4' Chain Link Fence	LF	160.00	\$60.00	\$9,600.00	\$42.50	\$6,800.00	\$40.00	\$6,400.00	\$43.39	\$6,942.40	\$23.00	\$3,680.00	\$44.30	\$7,088.00
149	Type B Drainage Fabric	SY	413.60	\$3.00	\$1,240.80	\$3.60	\$1,488.96	\$5.00	\$2,068.00	\$3.66	\$1,513.78	\$5.00	\$2,068.00	\$30.00	\$12,408.00
150	Breakaway Base Luminaire Pole with Arm, 40' Mounting Height	EA	14.00	\$3,760.00	\$52,640.00	\$2,195.00	\$30,730.00	\$2,050.00	\$28,700.00	\$2,239.19	\$31,348.66	\$2,300.00	\$32,200.00	\$2,288.00	\$32,032.00
151	Signal Pole with 35' Mast Arm and Luminaire Arm	EA	3.00	\$11,150.00	\$33,450.00	\$10,200.00	\$30,600.00	\$10,200.00	\$30,600.00	\$10,953.66	\$32,860.98	\$10,750.00	\$32,250.00	\$11,194.00	\$33,582.00
152	Signal Pole with 40' Mast Arm and Luminaire Arm	EA	1.00	\$13,209.28	\$13,209.28	\$11,700.00	\$11,700.00	\$11,250.00	\$11,250.00	\$12,220.32	\$12,220.32	\$11,750.00	\$11,750.00	\$12,488.00	\$12,488.00
153	Roadway Luminaire, 250 Watt with Photoelectric Cell	EA	18.00	\$425.00	\$7,650.00	\$255.00	\$4,590.00	\$250.00	\$4,500.00	\$270.46	\$4,868.28	\$285.00	\$5,130.00	\$276.00	\$4,968.00
154	3 Section Vehicle Signal Head	EA	14.00	\$740.00	\$10,360.00	\$780.00	\$10,920.00	\$750.00	\$10,500.00	\$817.02	\$11,438.28	\$820.00	\$11,480.00	\$835.00	\$11,690.00
155	4 Section Vehicle Signal Head	EA	4.00	\$1,100.00	\$4,400.00	\$1,150.00	\$4,600.00	\$1,150.00	\$4,600.00	\$1,228.34	\$4,913.36	\$1,225.00	\$4,900.00	\$1,255.00	\$5,020.00
156	2' Diameter Footing	LF	126.00	\$98.00	\$12,348.00	\$86.00	\$10,836.00	\$84.00	\$10,584.00	\$90.15	\$11,358.90	\$94.50	\$11,907.00	\$88.00	\$11,088.00
157	3' Diameter Footing	LF	56.00	\$248.00	\$13,888.00	\$160.00	\$8,960.00	\$155.00	\$8,680.00	\$169.04	\$9,466.24	\$170.00	\$9,520.00	\$173.00	\$9,688.00
158	Type 2 Junction Box	EA	29.00	\$652.00	\$18,908.00	\$590.00	\$17,110.00	\$575.00	\$16,675.00	\$619.81	\$17,974.49	\$650.00	\$18,850.00	\$604.00	\$17,516.00
159	Type 3 Junction Box	EA	4.00	\$770.00	\$3,080.00	\$780.00	\$3,120.00	\$775.00	\$3,100.00	\$828.29	\$3,313.16	\$830.00	\$3,320.00	\$846.50	\$3,386.00
160	Type 4 Junction Box	EA	1.00	\$1,526.00	\$1,526.00	\$1,400.00	\$1,400.00	\$1,375.00	\$1,375.00	\$1,476.25	\$1,476.25	\$1,490.00	\$1,490.00	\$1,509.00	\$1,509.00
161	Electric Service Cabinet	EA	2.00	\$1,739.14	\$3,478.28	\$1,420.00	\$2,840.00	\$1,400.00	\$2,800.00	\$1,498.81	\$2,997.62	\$1,610.00	\$3,220.00	\$1,532.00	\$3,064.00
162	Traffic Signal Controller	EA	1.00	\$22,958.00	\$22,958.00	\$27,500.00	\$27,500.00	\$26,000.00	\$26,000.00	\$28,905.49	\$28,905.49	\$28,450.00	\$28,450.00	\$28,164.00	\$28,164.00
163	Meter Socket	EA	2.00	\$273.00	\$546.00	\$215.00	\$430.00	\$210.00	\$420.00	\$225.39	\$450.78	\$225.00	\$450.00	\$230.00	\$460.00
164	Preformed Detector Loop	EA	18.00	\$220.00	\$3,960.00	\$405.00	\$7,290.00	\$400.00	\$7,200.00	\$428.23	\$7,708.14	\$405.00	\$7,290.00	\$438.00	\$7,884.00
165	Detector Loop	EA	6.00	\$103.00	\$618.00	\$170.00	\$1,020.00	\$165.00	\$990.00	\$180.31	\$1,081.86	\$225.00	\$1,350.00	\$184.00	\$1,104.00
166	Siren Emergency Vehicle Preemption System	EA	1.00	\$12,000.00	\$12,000.00	\$14,000.00	\$14,000.00	\$13,750.00	\$13,750.00	\$14,880.97	\$14,880.97	\$14,500.00	\$14,500.00	\$14,500.00	\$14,500.00
167	Pedestrian Push Button	EA	8.00	\$230.00	\$1,840.00	\$1,230.00	\$9,840.00	\$1,200.00	\$9,600.00	\$1,300.47	\$10,403.76	\$1,200.00	\$9,600.00	\$2,167.00	\$17,336.00
168	Pedestrian Push Button Pole	EA	8.00	\$662.00	\$5,296.00	\$750.00	\$6,000.00	\$725.00	\$5,800.00	\$788.85	\$6,310.80	\$750.00	\$6,000.00	\$806.00	\$6,448.00
169	Pedestrian Signal Head with Countdown Timer	EA	8.00	\$97.00	\$776.00	\$630.00	\$5,040.00	\$615.00	\$4,920.00	\$664.88	\$5,319.04	\$650.00	\$5,200.00	\$679.50	\$5,436.00

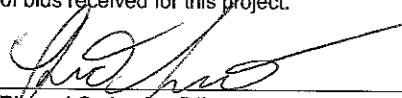
170	Pedestrian Crossing Sign	EA	8.00	\$97.00	\$776.00	\$90.00	\$720.00	\$90.00	\$720.00	\$95.79	\$766.32	\$95.00	\$760.00	\$98.00	\$784.00
171	2" Rigid Conduit, Schedule 40	LF	5,016.00	\$3.85	\$19,311.60	\$3.70	\$18,559.20	\$3.50	\$17,556.00	\$3.83	\$19,211.28	\$4.00	\$20,064.00	\$4.00	\$20,064.00
172	4" Rigid Conduit, Schedule 40	LF	40.00	\$6.62	\$264.80	\$10.00	\$400.00	\$9.85	\$394.00	\$10.59	\$423.60	\$10.50	\$420.00	\$10.80	\$432.00
173	2" Rigid Conduit, Schedule 80	LF	1,071.00	\$9.14	\$9,788.94	\$4.25	\$4,551.75	\$4.10	\$4,391.10	\$4.51	\$4,830.21	\$5.60	\$5,997.60	\$5.00	\$5,355.00
174	3" Rigid Conduit, Schedule 80	LF	406.00	\$7.80	\$3,166.80	\$10.25	\$4,161.50	\$10.00	\$4,060.00	\$10.82	\$4,392.92	\$12.50	\$5,075.00	\$11.00	\$4,466.00
175	1/C #4 AWG Copper Wire	LF	150.00	\$1.04	\$156.00	\$0.95	\$142.50	\$0.88	\$132.00	\$0.95	\$142.50	\$0.91	\$136.50	\$1.00	\$150.00
176	1/C #6 AWG Copper Wire	LF	9,894.00	\$0.71	\$7,024.74	\$0.70	\$6,925.80	\$0.65	\$6,431.10	\$0.71	\$7,024.74	\$0.70	\$6,925.80	\$1.00	\$9,894.00
177	1/C #10 AWG Copper Wire	LF	6,715.00	\$0.42	\$2,820.30	\$0.40	\$2,686.00	\$0.38	\$2,551.70	\$0.41	\$2,753.15	\$0.41	\$2,753.15	\$0.40	\$2,686.00
178	2/C #14 AWG Copper Wire Tray Cable, K2	LF	56.00	\$0.85	\$47.60	\$0.80	\$44.80	\$0.74	\$41.44	\$0.79	\$44.24	\$0.79	\$44.24	\$1.00	\$56.00
179	4/C #14 AWG Copper Wire Tray Cable, K2	LF	1,760.00	\$1.08	\$1,900.80	\$0.90	\$1,584.00	\$0.84	\$1,478.40	\$0.90	\$1,584.00	\$0.91	\$1,601.60	\$0.90	\$1,584.00
180	5/C #14 AWG Copper Wire Tray Cable, K2	LF	135.00	\$1.38	\$186.30	\$1.05	\$141.75	\$1.00	\$135.00	\$1.07	\$144.45	\$1.07	\$144.45	\$1.20	\$162.00
181	12/C #14 AWG Copper Tray Cable, K2	LF	305.00	\$3.52	\$1,073.60	\$2.20	\$671.00	\$2.05	\$625.25	\$2.23	\$680.15	\$2.20	\$671.00	\$2.20	\$671.00
182	24/C #14 AWG Copper Tray Cable, K2	LF	527.00	\$4.31	\$2,271.37	\$4.00	\$2,108.00	\$3.75	\$1,976.25	\$4.06	\$2,139.62	\$4.00	\$2,108.00	\$4.00	\$2,108.00
183	#16 AWG Copper Twisted Shielded Pair	LF	994.00	\$0.77	\$765.38	\$0.50	\$497.00	\$0.46	\$457.24	\$0.50	\$497.00	\$0.50	\$497.00	\$0.50	\$497.00
184	2/C #10 AWG Copper Pole and Bracket Cable	LF	918.00	\$1.83	\$1,679.94	\$1.45	\$1,331.10	\$1.35	\$1,239.30	\$1.46	\$1,340.28	\$1.50	\$1,377.00	\$1.50	\$1,377.00
185	Signal Head Battery Backup and Flash System	EA	1.00	\$7,100.00	\$7,100.00	\$7,645.00	\$7,645.00	\$7,100.00	\$7,100.00	\$7,719.40	\$7,719.40	\$7,500.00	\$7,500.00	\$7,600.00	\$7,600.00
186	Temporary Pavement Marking	LF	1,500.00	\$1.00	\$1,500.00	\$0.45	\$675.00	\$0.42	\$630.00	\$0.28	\$420.00	\$0.27	\$405.00	\$0.46	\$690.00
187	Pavement Marking Paint, 4" White	LF	576.00	\$0.75	\$432.00	\$0.95	\$547.20	\$0.90	\$518.40	\$0.28	\$161.28	\$0.27	\$155.52	\$1.00	\$576.00
188	Cold Applied Plastic Pavement Marking, 4" (White 650', Yellow 6346')	LF	6,996.00	\$3.50	\$24,486.00	\$3.10	\$21,687.60	\$2.85	\$19,938.60	\$3.27	\$22,876.92	\$3.20	\$22,387.20	\$3.50	\$24,486.00
189	Cold Applied Plastic Pavement Marking, 12"	LF	462.00	\$7.00	\$3,234.00	\$9.20	\$4,250.40	\$8.50	\$3,927.00	\$9.30	\$4,296.60	\$9.00	\$4,158.00	\$9.50	\$4,389.00
190	Cold Applied Plastic Pavement Marking, 24"	LF	458.00	\$14.00	\$6,412.00	\$18.40	\$8,427.20	\$17.00	\$7,786.00	\$19.16	\$8,775.28	\$18.50	\$8,473.00	\$19.00	\$8,702.00
191	Cold Applied Plastic Pavement Marking, Area	SF	54.00	\$12.00	\$648.00	\$9.20	\$496.80	\$8.50	\$459.00	\$11.27	\$608.58	\$11.00	\$594.00	\$9.50	\$513.00

192	Cold Applied Plastic Pavement Marking, Arrow (Left 21, Right 5)	EA	26.00	\$260.00	\$6,760.00	\$223.00	\$5,798.00	\$210.00	\$5,460.00	\$253.56	\$6,592.56	\$245.00	\$6,370.00	\$230.00	\$5,980.00
193	Groove for Cold Applied Plastic Marking, 4"	LF	6,996.00	\$0.67	\$4,687.32	\$0.65	\$4,547.40	\$0.63	\$4,407.48	\$0.56	\$3,917.76	\$0.55	\$3,847.80	\$1.00	\$6,996.00
194	Groove for Cold Applied Plastic Marking, 12"	LF	462.00	\$1.80	\$831.60	\$2.00	\$924.00	\$1.85	\$854.70	\$1.69	\$780.78	\$1.65	\$762.30	\$2.00	\$924.00
195	Groove for Cold Applied Plastic Marking, 24"	LF	458.00	\$3.60	\$1,648.80	\$4.00	\$1,832.00	\$3.75	\$1,717.50	\$3.38	\$1,548.04	\$3.25	\$1,488.50	\$4.00	\$1,832.00
196	Groove for Cold Applied Plastic Marking, Area	SF	54.00	\$3.65	\$197.10	\$2.00	\$108.00	\$1.85	\$99.90	\$1.69	\$91.26	\$1.65	\$89.10	\$2.00	\$108.00
197	Groove for Cold Applied Plastic Marking, Arrow	EA	26.00	\$56.00	\$1,456.00	\$223.00	\$5,798.00	\$210.00	\$5,460.00	\$140.87	\$3,662.62	\$137.00	\$3,562.00	\$230.00	\$5,980.00
198	Remove and Reset Sign(s) and Post	EA	28.00	\$110.00	\$3,080.00	\$83.70	\$2,343.60	\$78.00	\$2,184.00	\$84.52	\$2,366.56	\$82.00	\$2,296.00	\$86.00	\$2,408.00
199	Sign Post	LF	137.50	\$12.00	\$1,650.00	\$24.00	\$3,300.00	\$23.00	\$3,162.50	\$14.93	\$2,052.88	\$14.50	\$1,993.75	\$30.00	\$4,125.00
200	Road Sign	SF	71.50	\$15.00	\$1,072.50	\$17.00	\$1,215.50	\$17.00	\$1,215.50	\$12.40	\$886.60	\$12.00	\$858.00	\$18.00	\$1,287.00
201	Traffic Control Signs	SF	891.20	\$5.00	\$4,456.00	\$6.70	\$5,971.04	\$6.30	\$5,614.56	\$8.17	\$7,281.10	\$8.00	\$7,129.60	\$7.50	\$6,684.00
202	Traffic Control, Miscellaneous	LS	1.00	\$10,000.00	\$10,000.00	\$14,505.00	\$14,505.00	\$15,000.00	\$15,000.00	\$16,058.60	\$16,058.60	\$15,950.00	\$15,950.00	\$14,300.00	\$14,300.00
203	Type 3 Barricade, 6' Single Sided	EA	7.00	\$200.00	\$1,400.00	\$111.50	\$780.50	\$105.00	\$735.00	\$123.96	\$867.72	\$120.00	\$840.00	\$115.00	\$805.00
204	Type 3 Barricade, 8' Double Sided	EA	28.00	\$250.00	\$7,000.00	\$111.50	\$3,122.00	\$105.00	\$2,940.00	\$129.60	\$3,628.80	\$125.00	\$3,500.00	\$115.00	\$3,220.00
205	Type C Advance Warning Arrow Panel	EA	1.00	\$1,100.00	\$1,100.00	\$1,674.00	\$1,674.00	\$1,575.00	\$1,575.00	\$1,126.91	\$1,126.91	\$1,100.00	\$1,100.00	\$1,728.00	\$1,728.00
206	Traffic Control Movable Concrete Barrier	EA	5.00	\$200.00	\$1,000.00	\$1,067.00	\$5,335.00	\$250.00	\$1,250.00	\$281.73	\$1,408.65	\$250.00	\$1,250.00	\$1,703.00	\$8,515.00
207	Flagging	HR	200.00	\$26.00	\$5,200.00	\$27.00	\$5,400.00	\$35.00	\$7,000.00	\$29.06	\$5,812.00	\$25.00	\$5,000.00	\$28.38	\$5,676.00
208	Refurbish Single Mailbox	EA	24.00	\$225.00	\$5,400.00	\$167.00	\$4,008.00	\$155.00	\$3,720.00	\$147.12	\$3,530.88	\$165.00	\$3,960.00	\$173.00	\$4,152.00
209	Refurbish Double Mailbox	EA	1.00	\$265.00	\$265.00	\$223.00	\$223.00	\$210.00	\$210.00	\$269.43	\$269.43	\$185.00	\$185.00	\$230.00	\$230.00
210	Landscape Rock	TON	20.00	\$15.00	\$300.00	\$105.00	\$2,100.00	\$100.00	\$2,000.00	\$107.06	\$2,141.20	\$105.00	\$2,100.00	\$109.40	\$2,188.00
211	Irrigation System	LS	1.00	\$2,000.00	\$2,000.00	\$6,137.00	\$6,137.00	\$5,800.00	\$5,800.00	\$6,198.06	\$6,198.06	\$6,100.00	\$6,100.00	\$6,040.00	\$6,040.00
212	Weed Barrier	SY	218.00	\$2.50	\$545.00	\$1.30	\$283.40	\$1.20	\$261.60	\$1.30	\$283.40	\$1.25	\$272.50	\$1.50	\$327.00
213	Autumn Blaze Maple – Minimum 2" Caliper	EA	2.00	\$500.00	\$1,000.00	\$530.00	\$1,060.00	\$495.00	\$990.00	\$535.29	\$1,070.58	\$525.00	\$1,050.00	\$547.00	\$1,094.00

214	Linden, Greenspire – Minimum 2" Caliper	EA	2.00	\$500.00	\$1,000.00	\$513.00	\$1,026.00	\$485.00	\$970.00	\$518.39	\$1,036.78	\$515.00	\$1,030.00	\$530.00	\$1,060.00
215	Mallus Spring Snow Crab (Fruitless) – Minimum 2" Caliper	EA	2.00	\$500.00	\$1,000.00	\$502.00	\$1,004.00	\$475.00	\$950.00	\$507.12	\$1,014.24	\$500.00	\$1,000.00	\$518.00	\$1,036.00
216	Honey Locust – Minimum 2" Caliper	EA	2.00	\$500.00	\$1,000.00	\$502.00	\$1,004.00	\$475.00	\$950.00	\$507.10	\$1,014.20	\$495.00	\$990.00	\$518.00	\$1,036.00
<b>TOTAL</b>					\$4,630,000.00		\$3,941,397.20		\$3,996,263.29		\$4,008,710.16		\$4,291,230.91		\$4,322,972.00

CONSULTANT

I certify that, to the best of my knowledge, this is a true tabulation of bids received for this project.

 4/12/17  
 Richard Sudmefer, PE Date  
 FMG, Inc.

CITY OF RAPID CITY

Reviewed by:

 4/12/17  
 Todd Peckosh, PE Date