

DATE May 22, 2017

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON NEAR WEST SIDE SEWER SEPARATION PHASE 1; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS S. J. LOUIS CONSTRUCTION, INC., JAMES L. SCHUELLER, PRESIDENT, \$3,370,000.00

WHEREAS, on April 17, 2017, under Roll Call No. 17-0648, plans, specifications, form of contract documents, and Engineer's estimate of construction cost were filed with the City Clerk, for the construction of the following improvement:

Near West Side Sewer Separation Phase 1, 07-2017-001

The improvement includes Reinforced Concrete Pipe (RCP) storm sewer 12-inches to 48-inches, Reinforced Concrete Box Culverts, trenchless RCP 42-inches and 48-inches, water main adjustments, water services, manholes, intakes, Hot Mix Asphalt (HMA) pavements, sidewalks, driveways, associated grading, pavement markings, surface restoration, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 580-035/086, located on Linden Street from 29th Street to High Street, on Ingersoll Avenue from east of 28th Street to 24th Street, and along 24th Street from Ingersoll Avenue to High Street, Des Moines, Iowa

WHEREAS, notice of the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost was published as required by law.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement be closed; and that said plans, specifications, form of contract documents, and Engineer's estimate of construction cost are hereby approved as the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement.

BE IT FURTHER RESOLVED: That sealed bids for said improvement were submitted by the following bidders:

- |                                  |                |
|----------------------------------|----------------|
| S. J. Louis Construction, Inc.   | Rockville, MN  |
| Minger Construction, Inc.        | Chanhassen, MN |
| Raccoon Valley Contractors, LLC. | Waukee, IA     |
| Rognes Corporation               | Ankeny, IA     |

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DATE May 22, 2017

which were received and opened at a public meeting presided over by the Engineer in the Shijiazhuang Room, 2nd Floor, City Administration Building, 400 E. Court Avenue, Des Moines, Iowa at 11:00 a.m. on May 9, 2017. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

BE IT FURTHER RESOLVED: That the Des Moines City Engineer, as the Engineer, has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by S. J. Louis Construction, Inc., James L. Schueller, President, 1351 Broadway Street West, PO BOX 459, Rockville, MN, 56369 in the amount of \$3,370,000.00, and said bid be and the same is hereby accepted.

BE IT FURTHER RESOLVED: That the bid security of the unsuccessful bidders be and is hereby authorized and directed to be returned.

BE IT FURTHER RESOLVED: That the Engineer is hereby directed to secure execution by the lowest responsible, responsive Bidder and its surety of the contract documents in the form heretofore approved by this Council; that the Engineer is directed to thereafter present said contract documents to this Council for approval and authorization to the Mayor to sign; and that no contract shall be deemed to exist between the City of Des Moines and said Bidder until said contract has been executed by the Bidder, and shall have been approved by this Council and executed by the Mayor and attested to by the City Clerk.

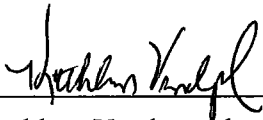
BE IT FURTHER RESOLVED: That the City Council hereby authorizes the necessary road closures for the Project.

(City Council Communication Number 17-440 attached.)

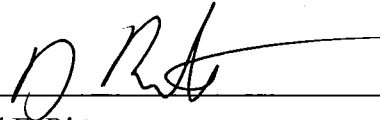
Moved by \_\_\_\_\_ to adopt.

FORM APPROVED:

FUNDS AVAILABLE



Kathleen Vanderpool  
Deputy City Attorney



Daniel E. Ritter  
Des Moines Finance Director

*AE* Funding Source: 2017-2018 CIP, Page Sanitary – 10, Near West Side Sewer Separation, SS132, Being: \$3,076,821 in SRF funding to be issued; \$248,179 in Gaming Monies transferred from ST217; and the remaining \$45,000 from Des Moines Water Works

★ Roll Call Number

Agenda Item Number

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DATE May 22, 2017

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GATTO				
GRAY				
HENSLEY				
MOORE				
WESTERGAARD				
TOTAL				

MOTION CARRIED

APPROVED

\_\_\_\_\_  
Mayor

I, Diane Rauh, City Clerk of said City Council, hereby certify that at a meeting of the City Council, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

\_\_\_\_\_  
City Clerk

PUBLISHED BY: C. Bouška APPROVED BY: R. De Groot  
CHECKED BY: Paul Lewis

CONTRACTOR'S BID TABULATION  
PROJECT: NEAR WEST SIDE SEWER SEPARATION PHASE 1

-----ESTIMATE-----

				S.J. Louis Construction, Inc. Rockville, MN		Minger Construction Company, Inc. Jordan, MN		Raccoon Valley Contractors Waukee, IA		Rognes Corp. Ankeny, IA			
				BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond			
				BID PRICE		BID PRICE		BID PRICE		BID PRICE			
ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	
1	Clearing and Grubbing	1	LS	\$11,000.00	\$11,000.00	\$7,500.00	\$7,500.00	\$75,000.00	\$75,000.00	\$48,000.25	\$48,000.25	\$350,000.00	\$350,000.00
2	Topsail, On-Site	650	CY	\$15.00	\$9,750.00	\$20.00	\$13,000.00	\$8.00	\$5,200.00	\$15.00	\$9,750.00	\$12.00	\$7,800.00
3	Excavation, Class 10	480	CY	\$20.00	\$9,600.00	\$23.00	\$11,040.00	\$13.00	\$6,240.00	\$20.00	\$9,600.00	\$16.25	\$7,800.00
4	Below Grade Excavation (Core Out)	806	CY	\$20.00	\$16,120.00	\$27.00	\$21,762.00	\$19.00	\$15,314.00	\$20.00	\$16,120.00	\$16.00	\$12,896.00
5	Excavation, Disposal of Contaminated Soils	500	TON	\$50.00	\$25,000.00	\$12.00	\$6,000.00	\$55.00	\$27,500.00	\$30.00	\$15,000.00	\$60.00	\$30,000.00
6	Subgrade Preparation	10107	SY	\$3.50	\$35,374.50	\$1.00	\$10,107.00	\$2.00	\$20,214.00	\$5.00	\$50,535.00	\$3.50	\$35,374.50
7	Subgrade Treatment, Geogrid, Type 1	2418	SY	\$3.50	\$8,463.00	\$2.50	\$6,045.00	\$2.00	\$4,836.00	\$3.50	\$8,463.00	\$3.50	\$8,463.00
8	Subbase, Modified	8194	SY	\$10.00	\$81,940.00	\$10.00	\$81,940.00	\$16.00	\$131,104.00	\$15.00	\$122,910.00	\$14.00	\$114,716.00
9	Subbase, Special Backfill	1531	SY	\$8.00	\$12,248.00	\$10.00	\$15,310.00	\$12.00	\$18,372.00	\$14.00	\$21,434.00	\$14.00	\$21,434.00
10	Class A Roadstone	1670	TON	\$24.00	\$40,080.00	\$29.00	\$48,430.00	\$25.00	\$41,750.00	\$20.00	\$33,400.00	\$34.00	\$56,780.00
11	Trench Foundation	650	TON	\$25.00	\$16,250.00	\$27.00	\$17,550.00	\$45.00	\$29,250.00	\$24.00	\$15,600.00	\$50.00	\$32,500.00
12	Special Pipe Embedment or Encasement	135	LF	\$300.00	\$40,500.00	\$200.00	\$27,000.00	\$90.00	\$12,150.00	\$350.00	\$47,250.00	\$415.00	\$56,025.00
13	Sanitary Sewer Service Replacement	8	EA	\$7,000.00	\$56,000.00	\$2,700.00	\$21,600.00	\$2,100.00	\$16,800.00	\$4,000.00	\$32,000.00	\$5,600.00	\$44,800.00
14	Storm Sewer, Trenched, PVC, 6"	25	LF	\$50.00	\$1,250.00	\$12.00	\$300.00	\$28.00	\$700.00	\$220.00	\$5,500.00	\$135.00	\$3,375.00
15	Storm Sewer, Trenched, RCP, 12"	152	LF	\$75.00	\$11,400.00	\$71.00	\$10,792.00	\$170.00	\$25,840.00	\$230.00	\$34,960.00	\$155.00	\$23,560.00
16	Storm Sewer, Trenched, RCP, 15"	311	LF	\$75.00	\$23,325.00	\$72.00	\$22,392.00	\$106.00	\$32,966.00	\$240.00	\$74,640.00	\$157.00	\$48,827.00
17	Storm Sewer, Trenched, RCP, 18"	184	LF	\$80.00	\$14,720.00	\$96.00	\$17,664.00	\$168.00	\$30,912.00	\$250.00	\$46,000.00	\$165.00	\$30,360.00
18	Storm Sewer, Trenched, RCP, 24"	232	LF	\$90.00	\$20,880.00	\$116.00	\$26,912.00	\$188.00	\$43,616.00	\$260.00	\$60,320.00	\$245.00	\$56,840.00
19	Storm Sewer, Trenched, RCP, 30"	312	LF	\$125.00	\$39,000.00	\$127.00	\$39,624.00	\$202.00	\$63,024.00	\$270.00	\$84,240.00	\$300.00	\$93,600.00
20	Storm Sewer, Trenched, RCP, 36"	766	LF	\$150.00	\$114,900.00	\$155.00	\$118,730.00	\$239.00	\$183,074.00	\$280.00	\$214,480.00	\$320.00	\$245,120.00
21	Storm Sewer, Trenched, RCAP, 27"x44" (36" Equivalent)	303	LF	\$230.00	\$69,690.00	\$288.00	\$87,264.00	\$186.00	\$56,358.00	\$300.00	\$90,900.00	\$385.00	\$116,655.00
22	Storm Sewer, Trenched, RCP, 42"	709	LF	\$170.00	\$120,530.00	\$270.00	\$191,430.00	\$511.00	\$362,299.00	\$320.00	\$226,880.00	\$383.00	\$271,547.00
23	Storm Sewer, Trenched, RCP, 48"	56	LF	\$500.00	\$28,000.00	\$303.00	\$16,968.00	\$465.00	\$26,040.00	\$520.00	\$29,120.00	\$408.00	\$22,848.00
24	Storm Sewer, Trenched, RCBC, 4"x3'	154	LF	\$450.00	\$69,300.00	\$296.00	\$45,584.00	\$393.00	\$60,522.00	\$550.00	\$84,700.00	\$515.00	\$79,310.00
25	Storm Sewer, Trenched, RCBC, 5"x3'	213	LF	\$500.00	\$106,500.00	\$366.00	\$77,958.00	\$576.00	\$122,688.00	\$500.00	\$106,500.00	\$540.00	\$115,020.00
26	Storm Sewer, Trenchless, RCP, 42"	550	LF	\$1,250.00	\$687,500.00	\$1,165.00	\$640,750.00	\$757.00	\$416,350.00	\$1,200.00	\$660,000.00	\$1,200.00	\$660,000.00
27	Storm Sewer, Trenchless, RCP, 48"	230	LF	\$1,200.00	\$276,000.00	\$1,380.00	\$317,400.00	\$794.00	\$182,620.00	\$1,200.00	\$276,000.00	\$1,200.00	\$276,000.00
28	Removal of Storm Sewer, RCP, Less Than or Equal To 30"	1164	LF	\$20.00	\$23,280.00	\$15.00	\$17,460.00	\$5.00	\$5,820.00	\$20.00	\$23,280.00	\$25.00	\$29,100.00
29	Plug Existing Sewer	15	EA	\$2,500.00	\$37,500.00	\$300.00	\$4,500.00	\$500.00	\$7,500.00	\$1,500.00	\$22,500.00	\$600.00	\$9,000.00
30	Pipe Apron, RCP, 15"	2	EA	\$2,000.00	\$4,000.00	\$1,500.00	\$3,000.00	\$1,800.00	\$3,600.00	\$1,130.00	\$2,260.00	\$3,000.00	\$6,000.00
31	Subdrain, Type 1, PVC, 6"	1975	LF	\$20.00	\$39,500.00	\$14.00	\$27,650.00	\$12.00	\$23,700.00	\$26.00	\$51,350.00	\$16.00	\$31,600.00
32	Subdrain, Type 2, PVC, 8"	375	LF	\$25.00	\$9,375.00	\$15.00	\$5,625.00	\$14.00	\$5,250.00	\$27.00	\$10,125.00	\$18.00	\$6,750.00
33	Subdrain Cleanout, Type A-1	4	EA	\$500.00	\$2,000.00	\$250.00	\$1,000.00	\$425.00	\$1,700.00	\$700.00	\$2,800.00	\$785.00	\$3,140.00
34	Subdrain Connections, PVC, 6"	14	EA	\$800.00	\$11,200.00	\$75.00	\$1,050.00	\$150.00	\$2,100.00	\$875.00	\$12,250.00	\$750.00	\$10,500.00
35	Subdrain Connections, PVC, 8"	2	EA	\$800.00	\$1,600.00	\$80.00	\$160.00	\$160.00	\$320.00	\$880.00	\$1,760.00	\$750.00	\$1,500.00
36	Roof Drain Connection, PVC, 6"	2	EA	\$750.00	\$1,500.00	\$110.00	\$220.00	\$900.00	\$1,800.00	\$900.00	\$1,800.00	\$750.00	\$1,500.00
37	Water Main Adjustment, Lower	3	EA	\$10,000.00	\$30,000.00	\$10,000.00	\$30,000.00	\$6,500.00	\$19,500.00	\$11,000.00	\$33,000.00	\$6,000.00	\$18,000.00
38	Water Main Adjustment, Raise	1	EA	\$8,000.00	\$8,000.00	\$15,000.00	\$15,000.00	\$6,500.00	\$6,500.00	\$9,000.00	\$9,000.00	\$6,000.00	\$6,000.00
39	New Water Service	6	EA	\$3,000.00	\$18,000.00	\$3,600.00	\$21,600.00	\$1,300.00	\$7,800.00	\$1,000.00	\$6,000.00	\$2,200.00	\$13,200.00
40	Water Service Tap	6	EA	\$500.00	\$3,000.00	\$2,100.00	\$12,600.00	\$550.00	\$3,300.00	\$1,000.00	\$6,000.00	\$2,000.00	\$12,000.00
41	Manhole Type SW-401, 60"	1	EA	\$7,000.00	\$7,000.00	\$4,800.00	\$4,800.00	\$4,400.00	\$4,400.00	\$3,500.00	\$3,500.00	\$8,000.00	\$8,000.00
42	Manhole Type SW-401, 72"	2	EA	\$9,000.00	\$18,000.00	\$13,000.00	\$26,000.00	\$11,100.00	\$22,200.00	\$7,200.00	\$14,400.00	\$12,000.00	\$24,000.00
43	Manhole Type SW-403, 84"x48"	1	EA	\$8,000.00	\$8,000.00	\$22,000.00	\$22,000.00	\$15,900.00	\$15,900.00	\$9,000.00	\$9,000.00	\$13,200.00	\$13,200.00
44	Manhole Type SW-403, 102"x60"	1	EA	\$12,000.00	\$12,000.00	\$25,000.00	\$25,000.00	\$19,200.00	\$19,200.00	\$12,000.00	\$12,000.00	\$15,100.00	\$15,100.00
45	Manhole Type SW-404, 75"x48"	1	EA	\$10,000.00	\$10,000.00	\$23,000.00	\$23,000.00	\$42,300.00	\$42,300.00	\$14,000.00	\$14,000.00	\$17,500.00	\$17,500.00
46	Manhole Type SW-404, 75"x69"	1	EA	\$12,000.00	\$12,000.00	\$24,000.00	\$24,000.00	\$11,900.00	\$11,900.00	\$15,000.00	\$15,000.00	\$18,200.00	\$18,200.00
47	Manhole Type SW-404, 84"x48"	1	EA	\$11,000.00	\$11,000.00	\$20,000.00	\$20,000.00	\$44,900.00	\$44,900.00	\$14,000.00	\$14,000.00	\$17,500.00	\$17,500.00
48	Manhole Type SW-404, 84"x75"	1	EA	\$14,000.00	\$14,000.00	\$25,000.00	\$25,000.00	\$21,400.00	\$21,400.00	\$15,000.00	\$15,000.00	\$17,800.00	\$17,800.00
49	Intake Type SW-406, 54"x48"	1	EA	\$5,500.00	\$5,500.00	\$8,000.00	\$8,000.00	\$4,600.00	\$4,600.00	\$7,000.00	\$7,000.00	\$10,500.00	\$10,500.00

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ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
50	Intake Type SW-406, 60"x48"	1 EA	\$6,500.00	\$6,500.00	\$8,100.00	\$8,100.00	\$4,300.00	\$4,300.00	\$8,000.00	\$8,000.00	\$11,000.00	\$11,000.00
51	Intake Type SW-406, 66"x48"	1 EA	\$7,500.00	\$7,500.00	\$9,500.00	\$9,500.00	\$4,300.00	\$4,300.00	\$8,000.00	\$8,000.00	\$11,500.00	\$11,500.00
52	Intake Type SW-501	2 EA	\$3,000.00	\$6,000.00	\$4,500.00	\$9,000.00	\$2,600.00	\$5,200.00	\$6,000.00	\$12,000.00	\$6,000.00	\$12,000.00
53	Intake Type SW-502, 60"	1 EA	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$3,300.00	\$3,300.00	\$6,000.00	\$6,000.00	\$6,200.00	\$6,200.00
54	Intake Type SW-505	1 EA	\$4,500.00	\$4,500.00	\$6,500.00	\$6,500.00	\$4,600.00	\$4,600.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00
55	Intake Type SW-509	6 EA	\$5,500.00	\$33,000.00	\$10,000.00	\$60,000.00	\$7,000.00	\$42,000.00	\$7,500.00	\$45,000.00	\$8,700.00	\$52,200.00
56	Intake Type SW-513, 102"x60"	1 EA	\$12,000.00	\$12,000.00	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	\$11,000.00	\$11,000.00	\$14,000.00	\$14,000.00
57	Intake Type SW-541 with SW-542 Extension	6 EA	\$8,000.00	\$48,000.00	\$9,300.00	\$55,800.00	\$8,800.00	\$52,800.00	\$9,000.00	\$54,000.00	\$13,000.00	\$78,000.00
58	Intake, PVC Catch Basin, 8"	1 EA	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$700.00	\$700.00	\$3,000.00	\$3,000.00	\$4,500.00	\$4,500.00
59	Manhole Adjustment, Minor	1 EA	\$800.00	\$800.00	\$175.00	\$175.00	\$950.00	\$950.00	\$1,400.00	\$1,400.00	\$1,200.00	\$1,200.00
60	Connect to Existing Structure	5 EA	\$1,500.00	\$7,500.00	\$3,000.00	\$15,000.00	\$3,000.00	\$15,000.00	\$1,500.00	\$7,500.00	\$4,800.00	\$24,000.00
61	High Street Box Culvert Connection	1 LS	\$9,000.00	\$9,000.00	\$20,000.00	\$20,000.00	\$125,000.00	\$125,000.00	\$7,000.00	\$7,000.00	\$9,200.00	\$9,200.00
62	Remove Manhole	5 EA	\$1,500.00	\$7,500.00	\$500.00	\$2,500.00	\$500.00	\$2,500.00	\$750.00	\$3,750.00	\$600.00	\$3,000.00
63	Remove Intake	15 EA	\$1,200.00	\$18,000.00	\$450.00	\$6,750.00	\$250.00	\$3,750.00	\$750.00	\$11,250.00	\$600.00	\$9,000.00
64	Curb and Gutter, 2.5', 6"	1103 LF	\$42.00	\$46,326.00	\$30.00	\$33,090.00	\$33.00	\$36,399.00	\$37.00	\$40,811.00	\$35.00	\$38,605.00
65	Curb and Gutter, 2.5', 8"	1056 LF	\$48.00	\$50,688.00	\$34.00	\$35,904.00	\$38.00	\$40,128.00	\$41.00	\$43,296.00	\$39.00	\$41,184.00
66	Beam Curb	16 LF	\$60.00	\$960.00	\$60.00	\$960.00	\$75.00	\$1,200.00	\$43.00	\$688.00	\$40.00	\$640.00
67	Concrete Median	23 SY	\$55.00	\$1,265.00	\$47.00	\$1,081.00	\$120.00	\$2,760.00	\$100.00	\$2,300.00	\$85.00	\$1,955.00
68	Pavement, HMA HT Base, 3/4" Mix, PG 58-28 S	1563 TON	\$100.00	\$156,300.00	\$126.00	\$196,938.00	\$103.00	\$160,989.00	\$102.00	\$159,426.00	\$105.00	\$164,115.00
69	Pavement, HMA ST Base, 3/4" Mix, PG 58-28 S	390 TON	\$100.00	\$39,000.00	\$126.00	\$49,140.00	\$103.00	\$40,170.00	\$135.00	\$52,650.00	\$105.00	\$40,950.00
70	Pavement, HMA HT Surface, 1/2" Mix, No Fric., PG 58-28 V	792 TON	\$110.00	\$87,120.00	\$126.00	\$99,792.00	\$103.00	\$81,576.00	\$107.00	\$84,744.00	\$105.00	\$83,160.00
71	Pavement, HMA ST Surface, 1/2" Mix, No Fric., PG 58-28 H	395 TON	\$110.00	\$43,450.00	\$126.00	\$49,770.00	\$103.00	\$40,685.00	\$127.00	\$50,165.00	\$105.00	\$41,475.00
72	Pavement, HMA ST Surface, 1/2" Mix, No Fric., PG 58-28 S	511 TON	\$110.00	\$56,210.00	\$126.00	\$64,386.00	\$103.00	\$52,633.00	\$112.00	\$57,232.00	\$105.00	\$53,655.00
73	HMA Pavement Samples and Testing	1 LS	\$7,500.00	\$7,500.00	\$9,000.00	\$9,000.00	\$7,500.00	\$7,500.00	\$3,000.00	\$3,000.00	\$7,500.00	\$7,500.00
74	Removal of Sidewalk	356 SY	\$12.00	\$4,272.00	\$4.00	\$1,424.00	\$6.50	\$2,314.00	\$10.00	\$3,560.00	\$13.00	\$4,628.00
75	Removal of Driveway	423 SY	\$12.00	\$5,076.00	\$3.00	\$1,269.00	\$7.00	\$2,961.00	\$13.00	\$5,499.00	\$13.00	\$5,499.00
76	Sidewalk, PCC, 4"	293 SY	\$50.00	\$14,650.00	\$60.00	\$17,580.00	\$45.00	\$13,185.00	\$44.00	\$12,892.00	\$45.00	\$13,185.00
77	Sidewalk, PCC, 6"	68 SY	\$65.00	\$4,420.00	\$66.00	\$4,488.00	\$55.00	\$3,740.00	\$62.00	\$4,216.00	\$62.00	\$4,216.00
78	Detectable Warning	40 SF	\$40.00	\$1,600.00	\$24.00	\$960.00	\$40.00	\$1,600.00	\$45.00	\$1,800.00	\$45.00	\$1,800.00
79	Driveway, Paved, PCC, 7"	437 SY	\$65.00	\$28,405.00	\$70.00	\$30,590.00	\$75.00	\$32,775.00	\$57.00	\$24,909.00	\$58.00	\$25,346.00
80	9" PCC Full Depth Patches	57 SY	\$100.00	\$5,700.00	\$235.00	\$13,395.00	\$130.00	\$7,410.00	\$113.00	\$6,441.00	\$115.00	\$6,555.00
81	Milling	347 SY	\$30.00	\$10,410.00	\$25.00	\$8,675.00	\$20.00	\$6,940.00	\$25.00	\$8,675.00	\$20.00	\$6,940.00
82	Pavement Removal	9379 SY	\$12.00	\$112,548.00	\$4.00	\$37,516.00	\$7.00	\$65,653.00	\$12.00	\$112,548.00	\$15.00	\$140,685.00
83	Traffic Control	1 LS	\$27,000.00	\$27,000.00	\$45,000.00	\$45,000.00	\$150,000.00	\$150,000.00	\$34,215.00	\$34,215.00	\$23,000.00	\$23,000.00
84	Temporary Traffic Signal	1 LS	\$10,000.00	\$10,000.00	\$21,500.00	\$21,500.00	\$10,000.00	\$10,000.00	\$8,445.00	\$8,445.00	\$10,000.00	\$10,000.00
85	Painted Pavement Markings, Durable	8.94 STA	\$100.00	\$894.00	\$700.00	\$6,258.00	\$600.00	\$5,364.00	\$600.00	\$5,364.00	\$325.00	\$2,905.50
86	Permanent Tape Markings, Inlay	56.37 STA	\$225.00	\$12,683.25	\$300.00	\$16,911.00	\$475.00	\$26,775.75	\$475.00	\$26,775.75	\$600.00	\$33,822.00
87	Precut Symbols and Legends	24 EA	\$300.00	\$7,200.00	\$300.00	\$7,200.00	\$325.00	\$7,800.00	\$325.00	\$7,800.00	\$300.00	\$7,200.00
88	Sod	440 SQ	\$80.00	\$35,200.00	\$90.00	\$39,600.00	\$78.00	\$33,920.00	\$100.00	\$44,000.00	\$80.00	\$35,200.00
89	Stormwater Pollution Prevention	1 LS	\$9,000.00	\$9,000.00	\$6,000.00	\$6,000.00	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
90	Erosion Control Mulching, Hydromulching	1 AC	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
91	Linear Erosion Control	1400 LF	\$3.50	\$4,900.00	\$3.00	\$4,200.00	\$2.00	\$2,800.00	\$2.00	\$2,800.00	\$2.00	\$2,800.00
92	Linear Erosion Control, Removal	1400 LF	\$0.50	\$700.00	\$1.00	\$1,400.00	\$0.50	\$700.00	\$0.50	\$700.00	\$0.50	\$700.00
93	Wood Privacy Fence, 72"	305 LF	\$35.00	\$10,675.00	\$53.00	\$16,165.00	\$30.00	\$9,150.00	\$35.00	\$10,675.00	\$45.00	\$13,725.00
94	Tree Protection Fence	1500 LF	\$3.50	\$5,250.00	\$4.00	\$6,000.00	\$3.00	\$4,500.00	\$2.65	\$3,975.00	\$3.00	\$4,500.00
95	Removal of Fence	305 LF	\$5.00	\$1,525.00	\$5.00	\$1,525.00	\$5.00	\$1,525.00	\$5.00	\$1,525.00	\$4.00	\$1,220.00
96	Combined Concrete Slab and Retaining Wall	3 CY	\$1,000.00	\$3,000.00	\$2,500.00	\$7,500.00	\$1,000.00	\$3,000.00	\$900.00	\$2,700.00	\$900.00	\$2,700.00
97	Tree Trimming	4 EA	\$500.00	\$2,000.00	\$700.00	\$2,800.00	\$750.00	\$3,000.00	\$500.00	\$2,000.00	\$3,000.00	\$12,000.00
98	Plug Monitoring Well	2 EA	\$2,000.00	\$4,000.00	\$350.00	\$700.00	\$2,000.00	\$4,000.00	\$2,000.00	\$4,000.00	\$3,000.00	\$6,000.00
99	Mobilization	1 LS	\$78,997.25	\$78,997.25	\$65,341.00	\$65,341.00	\$340,000.00	\$340,000.00	\$200,000.00	\$200,000.00	\$150,000.00	\$150,000.00
100	Maintenance of Postal Service	1 LS	\$3,000.00	\$3,000.00	\$7,500.00	\$7,500.00	\$750.00	\$750.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00
101	Maintenance of Solid Waste Collection	1 LS	\$3,000.00	\$3,000.00	\$7,500.00	\$7,500.00	\$750.00	\$750.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00
102	Concrete Washout	1 LS	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$8,000.00	\$8,000.00
103	Relocate Power Pole	1 EA	\$5,000.00	\$5,000.00	\$900.00	\$900.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00
TOTAL CONSTRUCTION COST				\$3,305,000.00		\$3,370,000.00		\$3,794,381.75		\$3,946,054.00		\$4,368,906.00
PERCENT OF ENGINEER'S ESTIMATE						+1.97%		+14.81%		+19.40%		+32.19%
						Low						

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