Roll Call Number

Agenda Item Number

DATE July 9, 2018

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON HUBBELL AVENUE RECONSTRUCTION FROM EUCLID TO EAST OF E 38TH STREET; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS CORELL CONTRACTOR, INC., GRANT S. CORELL, PRESIDENT, \$8,918,811.33

WHEREAS, on June 11, 2018, under Roll Call No. 18-0959, 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:

Hubbell Avenue Reconstruction from Euclid to east of E 38th Street, 06-2018-002 CS-TSF-1945(836)--85-77, NHSN-006-4(169)--2R-77, UST-006-4(180)--4A-77

The improvement includes reconstruction of Hubbell Avenue with 9.5-inch thick full-depth Portland Cement Concrete (PCC), together with pavement removals, subbase placement, traffic signal construction, Hot-Mix Asphalt (HMA) paving, and installation of water main, raised medians, storm sewer, subdrain, driveways, sidewalks, retaining walls, sodding, and miscellaneous associated work including cleanup; in accordance with the contract documents, including Plan File Nos. 595-079/480, on Hubbell Avenue and intersecting sideroads from E. Euclid Avenue to 900 feet east of E. 38th 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:

Corell Contractor, Inc.	West Des Moines, IA
C. J. Moyna & Sons, Inc.	Elkader, IA
Elder Corporation	Des Moines, IA
Concrete Technologies, Inc.	Grimes, IA

which were received and opened at a public meeting presided over by the Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on June 26, 2018. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.



Agenda Item Number



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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 Corell Contractor, Inc., Grant S. Corell, President, 1300 Lincoln Street, West Des Moines, IA, 50265 in the amount of \$8,918,811.33, 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 in accordance with the Instructions to Bidders.

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.

8-361 attached.) (City Council Communication Number

Moved by _____ to adopt.

FORM APPROVED:

Kathleen Vanderpool Deputy City Attorney

FUNDS AVAILABLE

Robert L. Fagen Des Moines Finance Director

Funding Source: 2018-2019 CIP, Page Street – 20, Hubbell Avenue Improvements - E. 33rd Street to E. 38th Street, ST259, Being:

\$400,000 (maximum) in Urban-State Traffic Engineering Program (U-STEP) funds being 80% eligible construction costs under UST-006-4(180)--4A-77; \$500,000 (maximum) in Iowa DOT Traffic Safety Funds under CS-TSF-1945(836)--85-77; \$4,000,000 in Iowa DOT Program Funds under NHSN-006-4(180)-2R-77; \$709,843.50 in Storm Water Utility Funds, SM057; \$1,000,000 in G.O. Bonds, and \$1,773,370.33 G. O. Bonds to be issued; and the remaining \$535,597.50 from the Des Moines Water Works

Roll Call Number

Agenda Item Number

DATE July 9, 2018

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
COLEMAN				
GATTO				
GRAY				
MANDELBAUM				
WESTERGAARD				
TOTAL				
MOTION CARRIED				APPROVED
				Mayo

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.

(2)) (0,0), (0,0), (0,0), (0,0)	NENT OF ENGINEERING DES MOINES, IOWA IDOT Project I	Activity ID 0 No: NHSN-006-4(180)4A-77									
	TED BY: B. Lewis APPROVED BY R. D. & Growt ED BY: GMULT HOLE	- Bid Date:	06/26/2018		CORELL CONTRA West Des Mo		CJ MOYNA & S Elkader	A	ELDER CORP Des Moine		CONCRETE TECHN Grimes,	
	ACTOR'S BID TABULATION TT: HUBBELL AVENUE RECONSTRUCTION FROM E. EUCLID A	VENUE			BID SECU 10% Bid E		BID SECL 10% Bid I		BID SECU 10% Bid E		BID SECU 10% Bid F	
	TO EAST OF E. 38TH STREET ESTIMATE				BID PRI	BID PRI	BID PRICE		CE	BID PRICE		
			UNIT		UNIT		UNIT		UNIT		UNIT	
ITEM	DESCRIPTION	QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	CLEARING AND GRUBBING	305.1 UNIT	\$50.00	\$15,255.00	\$78.00	\$23,797.80	\$95.00	\$28,984.50	\$84.00	\$25,628.40	\$78.50	\$23,950.35
2	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED EXCAVATION, CLASS 10, ROADWAY AND BORROW	7595 CY 11860 CY	\$20.00 \$16.00	\$151,900.00 \$189,760.00	\$16.50 \$16.00	\$125,317.50 \$189,760.00	\$8.20 \$14.20	\$62,279.00 \$168,412.00	\$22.00 \$20.00	\$167,090.00 \$237,200.00	\$22.50 \$20.50	\$170,887.50 \$243,130.00
4	EXCAVATION, CLASS 10, NOADWAT AND BORROW	21720 CY	\$18.00	\$390,960.00	\$16.50-	\$358,380.00	\$16.10	\$349,692.00	\$24.00	\$521,280.00	\$24.50	\$532,140.00
5	TOPSOIL, FURNISH AND SPREAD	2213 CY	\$25.00	\$55,325.00	\$22.00	\$48,686.00	\$24.80	\$54,882,40	\$26.00	\$57,538.00	\$26.50	\$58,644.50
6	TOPSOIL, STRIP, SALVAGE AND SPREAD	2492 CY	\$10.00	\$24,920.00	\$15.00	\$37,380.00	\$19.20	\$47,846.40	\$43.00	\$107,156.00	\$43.75	\$109,025.00
7	COMPACTION WITH MOISTURE AND DENSITY CONTROL SPECIAL COMPACTION OF SUBGRADE	17170 CY 96.7 STA	\$2.00 \$1,200.00	\$34,340.00 \$116,040.00	\$1.30 \$1,130.00	\$22,321.00 \$109,271.00	\$2.20 \$500.00	\$37,774.00 \$48,350.00	\$2.00 \$2,200.00	\$34,340.00 \$212,740.00	\$2.05 \$2.235.00	\$35,198.50 \$216,124.50
9	SUBGRADE STABILIZATION, POLYMER GRID	8000 SY	\$5.00	\$40,000.00	\$2.75	\$22,000.00	\$4.90	\$39,200.00	\$3.00	\$24,000.00	\$3.05	\$24,400.00
10	MODIFIED SUBBASE	11684 CY	\$50.00	\$584,200.00	\$46.30	\$540,969.20	\$36.80	\$429,971.20	\$58.00	\$677,672.00	\$59.00	\$689,356.00
11 12	MINERAL STABILIZING AGENT (FLY ASH) GRANULAR SHOULDERS, TYPE A	810 TON 140 TON	\$120.00 \$30.00	\$97,200.00 \$4,200.00	\$110.00 \$35.00	\$89,100.00 \$4,900.00	\$60.00 \$34.80	\$48,600.00 \$4,872.00	\$150.00 \$35.00	\$121,500.00 \$4,900.00	\$152.00 \$36.00	\$123,120.00 \$5,040.00
12	SHOULDER FINISHING, EARTH	110.3 STA	\$30.00	\$27,575.00	\$500.00	\$55,150.00	\$560.00	\$61,768.00	\$243.00	\$26,802.90	\$35.00	\$27,575.00
14	RELOCATION OF MAIL BOXES	13 EACH	\$500.00	\$6,500.00	\$420.00	\$5,460.00	\$400.00	\$5,200.00	\$410,00	\$5,330.00	\$405.00	\$5,265.00
15	STANDARD OR SLIP FORM PCC PAVEMENT, CLASS C, CLASS 3	8071 SY	\$65.00	\$524,615.00	\$54.30	\$438,255.30	\$50.06	\$404,034.26	\$53.00	\$427,763.00	\$77.00	\$621,467.00
16 17	STANDARD OR SLIP FORM PCC PAVEMENT, CLASS C, CLASS 3 MEDIAN, P.C. CONCRETE, 6 IN.	25696 SY 2194 SY	\$70.00 \$100.00	\$1,798,720.00 \$219,400.00	\$55.05 \$61.50	\$1,414,564.80 \$134,931.00	\$51.45 \$72.00	\$1,322,059.20 \$157,968.00	\$54.00 \$70.00	\$1,387,584.00 \$153,580.00	\$68.00 \$77.25	\$1,747,328.00 \$169,486.50
18	HMA MIXTURE, COMMERCIAL MIX (INCLUDES ASPHALT BINDER	147 TON	\$100.00	\$16,170.00	\$117.50	\$17,272.50	\$112.00	\$16,464.00	\$120.00	\$17,640.00	10 C	\$23,079.00
19	TEMPORARY PAVEMENT	3067 SY	\$45.00	\$138,015.00	\$40.25	\$123,446.75	\$54.80	\$168,071.60	\$37.00	\$113,479.00		\$119,613.00
20	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	150 TON	\$35.00	\$5,250.00	\$35.00	\$5,250.00	\$34.80	\$5,220.00	\$45.00	\$6,750.00		\$6,900.00
21 22	REMOVAL OF CONCRETE FOOTINGS OF LIGHT POLES REMOVAL OF EXISTING STRUCTURES	11 EACH 1 LS	\$1,000.00 \$25,000,00	\$11,000.00 \$25,000.00	\$325.00 \$17,000.00	\$3,575.00 \$17,000.00	\$950.00 \$26,000.00	\$10,450.00 \$26,000.00	\$1,100.00 \$35,000.00	\$12,100.00 \$35,000.00		\$12,276.00 \$35,525.00
23	REMOVAL OF LIGHT POLES	5 EACH	\$500.00	\$2,500.00	\$460.00	\$2,300.00	\$450.00	\$2,250.00	\$440.00	\$2,200.00		\$2,300.00
24	GRANULAR BACKFILL	580 TON	\$30.00	\$17,400.00	\$31.00	\$17,980.00	\$30.00	\$17,400.00	\$32.00	\$18,560.00		\$17,690.00
25 26	APRON, CONCRETE, 15 IN. DIA.	1 EACH	\$2,000.00	\$2,000.00	\$1,950.00 \$3,550.00	\$1,950.00 \$3,550.00	\$1,950.00	\$1,950.00 \$3,500.00	\$1,900.00	\$1,900.00		\$1,930.00
26	APRON, CONCRETE, 36 IN. DIA. APRON, CONCRETE, 42 IN. DIA.	1 EACH 1 EACH	\$3,000.00 \$3,500.00	\$3,000.00 \$3,500.00	\$4,100.00	\$4,100.00	\$3,500.00 \$4,000.00	\$4,000.00	\$3,300.00 \$4,300.00	\$3,300.00 \$4,300.00		\$3,350.00 \$4,365.00
28	APRON, CONCRETE, 72 IN. DIA.	1 EACH	\$5,500.00	\$5,500.00	\$7,800.00	\$7,800.00	\$8,000.00	\$8,000.00	\$7,100.00	\$7,100.00		\$7,200.00
29	MODULAR BLOCK RETAINING WALL	659 SF	\$40.00	\$26,360.00	\$29.75	\$19,605.25	\$25.80	\$17,002.20	\$30.00	\$19,770.00		\$19,440.50
30 31	SEGMENTAL BLOCK RETAINING WALL MANHOLE, SANITARY SEWER, SW-301, 48 IN.	2442 SF 1 EACH	\$45.00 \$6,000.00	\$109,890.00 \$6,000.00	\$46.00 \$4,000.00 -	\$112,332.00 \$4,000.00	\$43.85 \$7,200.00	\$107,081.70 \$7,200.00	\$47.00 \$5,900.00	\$114,774.00 \$5,900.00	<i>T</i>	\$112,332.00 \$6,000.00
31	MANHOLE, SANITART SEVER, SW-301, 46 IN. MANHOLE, STORM SEWER, SW-401, 48 IN.	4 EACH	\$4,500.00	\$18,000.00	\$3,125.00	\$12,500.00	\$4,000.00	\$16,000.00	\$3,200.00	\$12,800.00	방법 문화 전 문화	\$13,000.00
33	MANHOLE, STORM SEWER, SW-401, 60 IN.	7 EACH	\$7,500.00	\$52,500.00	\$4,875.00	\$34,125.00	\$6,300.00	\$44,100.00	\$5,600.00	\$39,200.00		\$39,795.00
34	MANHOLE, STORM SEWER, SW-401, 72 IN.	3 EACH	\$8,000.00	\$24,000.00	\$7,385.00	\$22,155.00	\$8,000.00	\$24,000.00	\$6,500.00	\$19,500.00		\$19,800.00
35 36	MANHOLE, STORM SEWER, SW-403 MODIFIED MANHOLE, STORM SEWER, SW-405	1 EACH 2 EACH	\$9,000.00 \$6,000.00	\$9,000.00 \$12,000.00	\$16,850.00 \$3,200.00	\$16,850.00 \$6,400.00	\$10,500.00 \$3,900.00	\$10,500.00 \$7,800.00	\$24,000.00 \$4,300.00	\$24,000.00 \$8,600.00		\$24,360.00 \$8,730.00
37	INTAKE, SW-501	14 EACH	\$3,500.00	\$49,000.00	\$2,775.00	\$38,850.00	\$5,400.00	\$75,600.00	\$3,800.00	\$53,200.00		\$54,040.00
38	INTAKE, SW-502, 48 IN.	5 EACH	\$4,000.00	\$20,000.00	\$3,125.00	\$15,625.00	\$5,200.00	\$26,000.00	\$3,700.00	\$18,500.00		\$18,775.00
39	INTAKE, SW-502, 72 IN.	2 EACH	\$7,500.00	\$15,000.00	\$6,980.00	\$13,960.00	\$8,200.00	\$16,400.00	\$6,800.00	\$13,600.00		\$13,800.00
40 41	INTAKE, SW-502, 84 IN. INTAKE, SW-503	1 EACH 9 EACH	\$10,000.00 \$5,500.00	\$10,000.00 \$49,500.00	\$8,685.00 \$3,590.00	\$8,685.00 \$32,310.00	\$11,000.00 \$6,000.00	\$11,000.00 \$54,000.00	\$8,800.00 \$6,300.00	\$8,800.00 \$56,700.00		\$8,930.00 \$57,555.00
42	INTAKE, SW-503, MODIFIED	4 EACH	\$6,500.00	\$26,000.00	\$4,950.00	\$19,800.00	\$6,300.00	\$25,200.00	\$10,000.00	\$40,000.00		\$40,600.00
43	INTAKE, SW-505	6 EACH	\$5,500.00	\$33,000.00	\$4,300.00	\$25,800.00	\$6,200.00	\$37,200.00	\$5,900.00	\$35,400.00	101001	\$35,940.00
44	INTAKE, SW-506	9 EACH	\$8,500.00	\$76,500.00	\$7,200.00	\$64,800.00	\$10,000.00	\$90,000.00	\$11,000.00	\$99,000.00		\$100,485.00
45 46	INTAKE, SW-506, MODIFIED INTAKE, SW-507	2 EACH 1 EACH	\$10,000.00 \$6,500.00	\$20,000.00 \$6,500.00	\$9,500.00 \$6,985.00	\$19,000.00 \$6,985.00	\$11,000.00 \$8,200.00	\$22,000.00 \$8,200.00	\$13,000.00 \$8,300.00	\$26,000.00 \$8,300.00		\$26,400.00 \$6,300.00
47	INTAKE, SW-507, TOP ONLY	1 EACH	\$3,000.00	\$3,000.00	\$2,875.00	\$2,875.00	\$5,800.00	\$5,800.00	\$6,200.00	\$6,200.00		\$14,210.00
48	INTAKE, SW-510	1 EACH	\$6,000.00	\$6,000.00	\$10,500.00	\$10,500.00	\$13,500.00	\$13,500.00	\$14,000.00	\$14,000.00		\$1,625.00
49 50	INTAKE, SW-512, 24 IN.	4 EACH	\$2,000.00	\$8,000.00	\$1,725.00	\$6,900.00	\$2,100.00 \$8,200.00	\$8,400.00	\$1,600.00	\$6,400.0	Si Si Secolulu	\$33,700.00
50	INTAKE, SW-513 MANHOLE ADJUSTMENT, MINOR	1 EACH 11 EACH	\$5,000.00 \$1,500.00	\$5,000.00 \$16,500.00	\$8,100.00 \$1,500.00	\$8,100.00 \$16,500.00	\$2,300.00	\$8,200.00 \$25,300.00	\$10,000.00 \$1,700.00	\$10,000.00 \$18,700.00		\$10,150.00 \$18,975.00
52	MANHOLE ADJUSTMENT, MAJOR	13 EACH	\$4,500.00	\$58,500.00	\$2,005.00	\$26,065.00	\$3,700.00	\$48,100.00	\$3,500.00	\$45,500.0		\$46,150.00
53	CONNECTION TO EXISTING INTAKE	1 EACH	\$5,000.00	\$5,000.00	\$5,445.00	\$5,445.00	\$2,000.00	\$2,000.00	\$2,700.00	\$2,700.0		\$2,740.00
54 55	CONTINUOUS TRENCH DRAIN (500-20) SUBDRAIN, PVC, STANDARD, PERFORATED, 6 IN.	27 LF 10494 LF	\$200.00 \$16.00	\$5,400.00 \$167,904.00	\$350.00 \$14.50	\$9,450.00 \$152,163.00	\$675.00 \$16.00	\$18,225.00 \$167,904.00	\$370.00 \$17.00	\$9,990.0 \$178,398.0		\$10,125.00 \$181,021.50
55	SUBDRAIN, PVC, STANDARD, PERFORATED, 6 IN. SUBDRAIN RISER, 6 IN., AS PER PLAN	31 EACH	\$600.00	\$18,600.00	\$425.00	\$13,175.00	\$350.00	\$10,850.00	\$620.00	\$19,220.0		\$19,530.00
57	SUBDRAIN OUTLET, DR-303	108 EACH	\$250.00	\$27,000.00		\$29,700.00	\$250.00	\$27,000.00	\$360.00	\$38,880.0		\$39,420.00
58	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLAS!	6 LF	\$125.00	\$750.00	\$500.00	\$3,000.00	\$150.00	\$900.00	\$122.00	\$732,0	\$125.00	\$750.00
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			UNIT		UNIT		UNIT		UNIT		UNIT	
ITEM	DESCRIPTION	QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
59	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLASS	834 LF	\$100.00	\$83,400.00	\$143.00	\$119,262.00	\$164.00	\$136,776.00	\$88.00	\$73,392.00	\$90.00	\$75,060.00
60	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLAS:	1272 LF	\$110.00	\$139,920.00	\$120.00	\$152,640.00	\$190.00	\$241,680.00	\$104.00	\$132,288.00	\$105.00	\$133,560.00
61 62	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLASS STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLASS	427 LF 104 LF	\$130.00 \$175.00	\$55,510.00 \$18,200.00	\$112.00 \$163.00	\$47,824.00 \$16,952.00	\$200.00 \$240.00	\$85,400.00 \$24,960.00	\$115.00 \$145.00	\$49,105.00 \$15,080.00	\$116.00 \$150.00	\$49,532.00 \$15,600.00
63	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLAS:	20 LF	\$200.00	\$4,000.00	\$285.00	\$5,700.00	\$270.00	\$5,400.00	\$194.00	\$3,880.00	\$198.00	\$3,960.00
64	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLAS)	161 LF	\$225.00	\$36,225.00	\$230.00	\$37,030.00	\$295.00	\$47,495.00	\$191.00	\$30,751.00	\$195.00	\$31,395.00
65	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLAS!	421 LF	\$275.00	\$115,775.00	\$313.00	\$131,773.00	\$400.00	\$168,400.00	\$260.00	\$109,460.00	\$265.00	\$111,565.00
66	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLAS:	178 LF	\$325.00	\$57,850.00	\$350.00	\$62,300.00	\$430.00	\$76,540.00	\$300.00	\$53,400.00	\$305.00	\$54,290.00
67 68	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 3750D (CLASS STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 3750D (CLASS	2041 LF 701 LF	\$60.00 \$70.00	\$122,460.00 \$49,070.00	\$72.00 \$76.00	\$146,952.00 \$53,276.00	\$150.00 \$155.00	\$306,150.00 \$108,655.00	\$68.00 \$77.00	\$138,788.00 \$53,977.00	\$69.00 \$79.00	\$140,829.00 \$55,379.00
69	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	3814 LF	\$45.00	\$171,630.00	\$33.00	\$125,862.00	\$23.00	\$87,722.00	\$33.00	\$125,862.00	\$33.50	\$127,769.00
70	REMOVE STORM SEWER PIPE GREATER THAN 36 IN.	57 LF	\$55.00	\$3,135.00	\$40.00	\$2,280.00	\$35.00	\$1,995.00	\$45.00	\$2,565.00	\$46.75	\$2,664.75
71	STORM SEWER ABANDONMENT, FILL AND PLUG, LESS THAN O	184 LF	\$50.00	\$9,200.00	\$88.00	\$16,192.00	\$68.00	\$12,512.00	\$39.00	\$7,176.00	\$40.00	\$7,360.00
72	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, 10 IN.	32 LF	\$200.00	\$6,400.00	\$360.00	\$11,520.00	\$165.00	\$5,280.00 \$3,200.00	\$200.00 \$234.00	\$6,400.00	\$203.00 \$238.00	\$6,496.00 \$4,760.00
73 74	SANITARY SEWER SERVICE STUB, PVC, 4 IN. REMOVE SANITARY SEWER PIPE LESS THAN OR EQUAL TO 36	20 LF 32 LF	\$150.00 \$35.00	\$3,000.00 \$1,120.00	\$200.00 \$110.00	\$4,000.00 \$3,520.00	\$160.00 \$165.00	\$5,280.00	\$35.00	\$4,680.00 \$1,120.00	\$35,50	\$1,136.00
75	ENGINEERING FABRIC	843 SY	\$4.00	\$3,372.00	\$3.00	\$2,529.00	\$3.80	\$3,203.40	\$2.00	\$1,686.00	\$2.05	\$1,728.15
76	REVETMENT, CLASS E	925 TON	\$75.00	\$69,375.00	\$51.50	\$47,637.50	\$58.20	\$53,835.00	\$51.00	\$47,175.00	\$52.00	\$48,100.00
77	EROSION STONE	376 TON	\$50.00	\$18,800.00	\$50.00	\$18,800.00	\$46.20	\$17,371.20	\$42.00	\$15,792.00	\$43.00	\$16,168.00
78		42186 SY 40 EACH	\$7.00	\$295,302.00 \$40,000.00	\$8.20 \$1,110.00	\$345,925.20 \$44,400.00	\$12.20 \$720.00	\$514,669.20 \$28,800.00	\$10.00 \$1,100.00	\$421,860.00 \$44,000.00	\$10.15 \$1,120.00	\$428,187.90 \$44,800.00
79 80	REMOVAL OF INTAKES AND UTILITY ACCESSES RECREATIONAL TRAIL, PCC, 6 IN.	2144 SY	\$1,000.00 \$40.00	\$85,760.00	\$34.50	\$73,968.00	\$33.50	\$71,824.00	\$34.00	\$72,896.00	\$47.75	\$102,376.00
81	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TR	24 STA	\$350.00	\$8,400.00	\$400.00	\$9,600.00	\$450.00	\$10,800.00	\$2,200.00	\$52,800.00	\$2,235.00	\$53,640.00
82	REMOVAL OF SIDEWALK	2250 SY	\$7.00	\$15,750.00	\$7.50	\$16,875.00	\$4.20	\$9,450.00	\$8.00	\$18,000.00	\$12.25	\$27,562.50
83	SIDEWALK, PCC, 5 IN.	2877 SY	\$45.00	\$129,465.00	\$35.50	\$102,133.50	\$34.50	\$99,256.50	\$35.00	\$100,695.00	\$56.25	\$161,831.25
84	SIDEWALK, PCC, 6 IN.	276 SY	\$60.00	\$16,560.00	\$46.00	\$12,696.00	\$45.00	\$12,420.00	\$45.00	\$12,420.00	\$97.50 \$36.25	\$26,910.00
85 86	DETECTABLE WARNINGS CURB AND GUTTER, PCC, 2.5 FT	570 SF 823 LF	\$45.00 \$50.00	\$25,650.00 \$41,150.00	\$41.00 \$39.00	\$23,370.00 \$32,097.00	\$40.00 \$38.00	\$22,800.00 \$31,274.00	\$40.00 \$38.00	\$22,800.00 \$31,274.00	\$38.75	\$20,662.50 \$31,891.25
87	DRIVEWAY, PCC, 6 IN.	1435 SY	\$55.00	\$78,925.00	\$46.00	\$66,010.00	\$45.00	\$64,575.00	\$45.00	\$64,575.00	\$49.75	\$71,391.25
88	DRIVEWAY, PCC, 7 IN.	985 SY	\$60.00	\$59,100.00	\$49.00	\$48,265.00	\$48.00	\$47,280.00	\$48.00	\$47,280.00	\$54.00	\$53,190.00
89	DRIVEWAY, PCC, 8 IN.	1536 SY	\$65.00	\$99,840.00	\$51.50	\$79,104.00	\$50.00	\$76,800.00	\$50.00	\$76,800.00	\$71.50	\$109,824.00
90	REMOVAL OF PAVED DRIVEWAY	6124 SY 63 EACH	\$10.00 \$100.00	\$61,240.00 \$6,300.00	\$7.50 \$210.00	\$45,930.00 \$13,230,00	\$4.60 \$200.00	\$28,170.40 \$12,600.00	\$8.00 \$200.00	\$48,992.00 \$12,600.00	\$10.25 \$203.00	\$62,771.00 \$12,789.00
91 92	SAFETY CLOSURE FENCE, CHAIN LINK, 42 IN. HEIGHT	458 LF	\$55.00	\$25,190.00	\$25.50	\$11,679.00	\$23.25	\$10,648.50	\$23.00	\$10,534.00	\$24.00	\$10,992.00
93	FENCE, CHAIN LINK, 48 IN. HEIGHT	85 LF	\$50.00	\$4,250.00	\$32.50	\$2,762.50	\$29.45	\$2,503.25	\$29.00	\$2,465.00	\$30.00	\$2,550.00
94	FENCE, CHAIN LINK, 60 IN. HEIGHT	405 LF	\$55.00	\$22,275.00	\$29.50	\$11,947.50	\$26.90	\$10,894.50	\$27.00	\$10,935.00	\$27.50	\$11,137.50
95	FENCE, CHAIN LINK, 72 IN. HEIGHT	386 LF	\$60.00	\$23,160.00	\$27.50	\$10,615.00	\$24.85	\$9,592.10	\$25.00	\$9,650.00	\$25.25	\$9,746.50
96 97	GATE ASSEMBLY, CHAIN LINK, 16 FT. REMOVAL AND REINSTALLATION OF FENCE	1 EACH 9 LF	\$2,000.00 \$120.00	\$2,000.00 \$1,080.00	\$1,075.00 \$38.00	\$1,075.00 \$342.00	\$978.00 \$35.20	\$978.00 \$316.80	\$980.00 \$35.00	\$980.00 \$315.00	\$995.00 \$35.75	\$995.00 \$321.75
97	REMOVAL AND REINSTALLATION OF PENCE REMOVAL OF FENCE, CHAIN LINK	1381 LF	\$120.00	\$6,905.00	\$3.00	\$4,143.00	\$2.75	\$3,797.75	\$3,00	\$4,143.00	\$2,80	\$3,866.80
99	REMOVE AND REINSTALL LIGHT POLE AND LUMINAIRE	5 EACH	\$5,000.00	\$25,000.00	\$4,100.00	\$20,500.00	\$4,000.00	\$20,000.00	\$3,500.00	\$17,500.00	\$4,060.00	\$20,300.00
100	PERFORATED SQUARE STEEL TUBE POSTS	664 LF	\$10.00	\$6,640.00	\$22.00	\$14,608.00	\$11.00	\$7,304.00	\$10.00	\$6,640.00	\$20.50	\$13,612.00
101	PERFORATED SQUARE STEEL TUBE POST ANCHOR, BREAK-AV	43 EACH	\$100.00	\$4,300.00	\$330.00	\$14,190.00	\$140.00	\$6,020.00	\$133.00	\$5,719.00	\$305.00	\$13,115.00
102 103	PERFORATE SQUARE STEEL TUBE POST ANCHOR, BREAK-AW. SIGN MOUNTING BRACKETS, SPECIAL	13 EACH 6 EACH	\$200.00 \$150.00	\$2,600.00 \$900.00	\$660.00 \$165.00	\$8,580.00 \$990.00	\$125.00 \$75.00	\$1,625.00 \$450.00	\$112.00 \$72.00	\$1,456.00 \$432.00	\$610.00 \$152.00	\$7,930.00 \$912.00
103	TYPE A SIGNS, SHEET ALUMINUM	442.4 SF	\$15.00	\$6,636.00	\$23.00	\$10,175.20	\$22.00	\$9,732.80	\$20.00	\$8,848.00	\$21.50	\$9,511.60
105	TRAFFIC SIGNALIZATION	1 LS	\$525,000.00	\$525,000.00	\$465,760.00	\$465,760.00	\$454,000.00	\$454,000.00	\$519,000.00	\$519,000.00	\$461,200.00	\$461,200.00
106	REMOVAL OF TRAFFIC SIGNALIZATION	1 LS	\$25,000.00	\$25,000.00	\$15,375.00	\$15,375.00	\$15,000.00	\$15,000.00	\$6,400.00	\$6,400.00	\$15,225.00	\$15,225.00
107	PAINTED PAVEMENT MARKINGS, WATERBORNE OR SOLVENT-I PAINTED PAVEMENT MARKINGS, DURABLE	285.32 STA 142.64 STA	\$60.00 \$120.00	\$17,119.20	\$31.50 \$78.50	\$8,987.58 \$11,197.24	\$30.00 \$75.00	\$8,559.60 \$10,698.00	\$40.00 \$110.00	\$11,412.80 \$15,690.40	\$40.50 \$112.00	\$11,555.46 \$15,975.68
108 109	WET RETROREFLECTIVE REMOVABLE TAPE MARKINGS	59.02 STA	\$120.00	\$17,116.80 \$8,853.00	\$105.00	\$6,197.10	\$100.00	\$5,902.00	\$150.00	\$8,853.00	\$152.00	\$8,971.04
110	PAINTED SYMBOLS AND LEGENDS, DURABLE	19 EACH	\$150.00	\$2,850.00	\$136.50	\$2,593.50	\$130.00	\$2,470.00	\$450.00	\$8,550.00	\$460.00	\$8,740.00
111	PAVEMENT MARKINGS REMOVED	175 STA	\$60.00	\$10,500.00	\$26.25	\$4,593.75	\$25.00	\$4,375.00	\$40.00	\$7,000.00	\$41.00	\$7,175.00
112	SYMBOLS AND LEGEND REMOVED	4 EACH	\$100.00	\$400.00	\$63.00	\$252.00	\$60.00	\$240.00	\$125.00	\$500.00	\$126.00	\$504.00
113	GROOVES CUT FOR PAVEMENT MARKINGS	142.64 STA	\$50.00	\$7,132.00	\$31.50	\$4,493.16	\$30.00 \$100.00	\$4,279.20 \$1,900.00	\$55.00 \$150.00	\$7,845.20 \$2,850.00	\$56.00 \$152.00	\$7,987.84 \$2,888.00
114 115		19 EACH 3 EACH	\$100.00 \$15,000.00	\$1,900.00 \$45,000.00	\$105.00 \$15,375.00	\$1,995.00 \$46,125.00	\$15,000.00	\$45,000.00	\$40,000.00	\$2,850.00	\$15,225.00	\$45,675.00
116	TRAFFIC CONTROL	1 LS	\$150,000.00	\$150,000.00	\$99,015.00	\$99,015.00	\$120,000.00	\$120,000.00	\$89,000.00	\$89,000.00	\$90,325.00	\$90,325.00
117		50 EACH	\$462.00	\$23,100.00	\$462.00	\$23,100.00	\$462.00	\$23,100.00	\$462.00	\$23,100.00	\$462.00	\$23,100.00
118	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	150 CDAY	\$100.00	\$15,000.00	\$126.00	\$18,900.00	\$180.00	\$27,000.00	\$65.00	\$9,750.00	\$66.00	\$9,900.00
119	MOBILIZATION	1 LS	\$406,375.00	\$406,375.00	\$364,000.00	\$364,000.00	\$1,060,000.00	\$1,060,000.00	\$1,400,474.30	\$1,400,474.30	\$1,455,000.00	\$1,455,000.00
120 121	EMERGENT GRASS SEEDING SEEDING AND FERTILIZING (SLOPES AND DITCHES)	0.1 ACRE 0.2 ACRE	\$5,000.00 \$3,400.00	\$500.00 \$680.00	\$10,250.00 \$5,125.00	\$1,025.00 \$1,025.00	\$7,500.00 \$3,500.00	\$750.00 \$700.00	\$7,500.00 \$3,500.00	\$750.00 \$700.00	\$10,150.00 \$5,075.00	\$1,015.00 \$1,015.00
121		0.6 ACRE	\$2,000.00	\$1,200.00	\$4,100.00	\$2,460.00	\$3,500.00	\$2,100.00	\$3,500.00	\$2,100.00	\$4,060.00	\$2,436.00
123		20 EACH	\$550.00	\$11,000.00	\$550.00	\$11,000.00	\$550.00	\$11,000.00	\$550.00	\$11,000.00	\$550.00	\$11,000.00
124		1 EACH	\$20,000.00	\$20,000.00	\$32,500.00	\$32,500.00	\$20,000.00	\$20,000.00	\$16,000.00	\$16,000.00	\$16,320.00	\$16,320.00
125		2 EACH	\$12,500.00	\$25,000.00	\$8,800.00	\$17,600.00	\$11,500.00	\$23,000.00	\$15,000.00	\$30,000.00	\$15,450.00	\$30,900.00 \$34,600.00
126	INTAKE, SW-506 MODFIED 3, 8 FT X 8 FT	2 EACH	\$15,000.00	\$30,000.00	\$11,205.00	\$22,410.00	\$12,500.00	\$25,000.00	\$17,000.00	\$34,000.00]	\$17,300.00	\$34,800.001

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			UNIT		UNIT		UNIT		UNIT	1.00.0000000000000000000000000000000000	UNIT	Longer and the second
ITEM	DESCRIPTION	QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
127 128	TREE TRUNK PROTECTION TEMPORARY STORM SEWER CONNECTION	5 EACH 7 EACH	\$250.00 \$3,500.00	\$1,250.00 \$24,500.00	\$305.00 \$4,300.00	\$1,525.00 \$30,100.00	\$275.00 \$5,000.00	\$1,375.00 \$35,000.00	\$280.00 \$3,200.00	\$1,400.00 \$22,400.00	\$305.00 \$3,250.00	\$1,525.00 \$22,750.00
129	SEWER PIPE SUPPORT OVER EXISTING UTILITY	2 EACH	\$2,000.00	\$4,000.00	\$3,325.00	\$6,650.00	\$2,000.00	\$4,000.00	\$2,000.00	\$4,000.00	\$2,030.00	\$4,060.00
130	REMOVAL OF FIRE HYDRANT ASSEMBLY	5 EACH	\$1,000.00	\$5,000.00	\$2,650.00	\$13,250.00	\$2,000.00	\$10,000.00	\$2,400.00	\$12,000.00	\$2,450.00	\$12,250.00
131	1" WATER SERVICE, LONG	1 EACH	\$4,000.00	\$4,000.00	\$8,000.00	\$8,000.00	\$9,100.00	\$9,100.00	\$17,000.00	\$17,000.00	\$17,250.00	\$17,250.00
132	YARD HYDRANT, 1"	1 EACH	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00	\$1,800.00	\$1,800.00	\$1,800.00	\$1,800.00	\$1,825.00	\$1,825.00
133 134	BOLLARD, STEEL VACUUM ISLAND, TYPE A	2 EACH 2 EACH	\$500.00 \$5,500.00	\$1,000.00 \$11,000.00	\$750.00 \$4,100.00	\$1,500.00 \$8,200.00	\$1,200.00 \$4,000.00	\$2,400.00 \$8,000.00	\$1,100.00 \$4,500.00	\$2,200.00 \$9,000.00	\$1,000.00 \$4,975.00	\$2,000.00 \$9,950.00
135	VACUUM ISLAND, TYPE B	1 EACH	\$4,500.00	\$4,500.00	\$3,075.00	\$3,075.00	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00	\$6,840.00	\$6,840.00
136	8" BEND	16 EACH	\$1,000.00	\$16,000.00	\$650.00	\$10,400.00	\$540.00	\$8,640.00	\$630.00	\$10,080.00	\$640.00	\$10,240.00
137	8" SOLID SLEEVE	2 EACH	\$500.00	\$1,000.00	\$550.00	\$1,100.00	\$575.00	\$1,150.00	\$2,600.00	\$5,200.00	\$2,640.00	\$5,280.00
138	8" CAP/PLUG	3 EACH	\$2,000.00	\$6,000.00	\$750.00	\$2,250.00	\$1,400.00	\$4,200.00	\$1,000.00	\$3,000.00	\$1,015.00	\$3,045.00
139 140	12" BEND 12" CAP/PLUG	9 EACH 4 EACH	\$1,500.00 \$2,500.00	\$13,500.00	\$1,005.00	\$9,045.00	\$950.00	\$8,550.00	\$860.00	\$7,740.00	\$875.00	\$7,875.00
140	12" x 8" REDUCER	2 EACH	\$2,500.00	\$10,000.00 \$1,600.00	\$1,050.00 \$675.00	\$4,200.00 \$1,350.00	\$1,750.00 \$800.00	\$7,000.00 \$1,600.00	\$1,200.00 \$620.00	\$4,800.00 \$1,240.00	\$1,220.00 \$630.00	\$4,880.00 \$1,260.00
142	8" x 8" TEE	2 EACH	\$1,600.00	\$3,200.00	\$750.00	\$1,500.00	\$850.00	\$1,700.00	\$730.00	\$1,460.00	\$740.00	\$1,480.00
143	12" x 8" TEE	3 EACH	\$1,800.00	\$5,400.00	\$1,100.00	\$3,300.00	\$1,200.00	\$3,600.00	\$910.00	\$2,730.00	\$925.00	\$2,775.00
144	12" x 12" TEE	2 EACH	\$2,000.00	\$4,000.00	\$925.00	\$1,850.00	\$1,400.00	\$2,800.00	\$1,000.00	\$2,000.00	\$1,015.00	\$2,030.00
145	8" GATE VALVE	5 EACH	\$2,500.00	\$12,500.00	\$1,500.00	\$7,500.00	\$1,750.00	\$8,750.00	\$1,800.00	\$9,000.00	\$1,825.00	\$9,125.00
146 147	12" GATE VALVE HYDRANT ASSEMBLY	4 EACH 10 EACH	\$4,000.00 \$6,000.00	\$16,000.00 \$60,000.00	\$2,500.00 \$4,600.00	\$10,000.00 \$46,000.00	\$3,000.00 \$5,500.00	\$12,000.00 \$55,000.00	\$2,600.00	\$10,400.00	\$2,640.00	\$10,560.00
148	HYDRANT ASSEMBLY	1 EACH	\$10,000.00	\$10,000.00	\$7,875.00	\$7,875.00	\$14,500.00	\$14,500.00	\$5,600.00 \$9,000.00	\$56,000.00 \$9,000.00	\$5,685.00 \$9,135.00	\$56,850.00 \$9,135.00
149	PREPARE EXCAVATION FOR TAPPING SLEEVE AND VALVE	4 EACH	\$3,000.00	\$12,000.00	\$6,115.00	\$24,460.00	\$3,600.00	\$14,400.00	\$4,200.00	\$16,800.00	\$4,265.00	\$17,060.00
150	NEW 1" WATER SERVICE OPPOSITE SIDE	4 EACH	\$2,500.00	\$10,000.00	\$3,950.00	\$15,800.00	\$5,500.00	\$22,000.00	\$15,000.00	\$60,000.00	\$15,225.00	\$60,900.00
151	NEW 1" WATER SERVICE SAME SIDE	12 EACH	\$2,000.00	\$24,000.00	\$2,200.00	\$26,400.00	\$3,500.00	\$42,000.00	\$6,800.00	\$81,600.00	\$6,900.00	\$82,800.00
152 153	8" PIPE ISOLATION COUPLING 8" SERVICE TRANSFER STA. 80+03 (DW.10)	1 EACH 1 EACH	\$900.00 \$8,000.00	\$900.00 \$8,000.00	\$1,125.00 \$8,275.00	\$1,125.00 \$8,275.00	\$845.00 \$18,000.00	\$845.00	\$2,000.00	\$2,000.00	\$2,030.00	\$2,030.00
154	32LB MAGNESIUM ANODES	30 EACH	\$400.00	\$12,000.00	\$550.00	\$16,500.00	\$18,000.00	\$18,000.00 \$9,000.00	\$6,800.00 \$380.00	\$6,800.00 \$11,400.00	\$6,900.00 \$395.00	\$6,900.00 \$11,850.00
155	CATHODIC PROTECTION TEST STATION	2 EACH	\$500.00	\$1,000.00	\$1,200.00	\$2,400.00	\$915.00	\$1,830.00	\$680.00	\$1,360.00	\$700.00	\$1,400.00
156	8" WATER MAIN ALTERATION	1 EACH	\$15,000.00	\$15,000.00	\$6,850.00	\$6,850.00	\$18,500.00	\$18,500.00	\$8,200.00	\$8,200.00	\$8,325.00	\$8,325.00
157	HYDRANT RELOCATION - 8" WATER MAIN	1 EACH	\$10,000.00	\$10,000.00	\$6,100.00	\$6,100.00	\$5,000.00	\$5,000.00	\$5,800.00	\$5,800.00	\$5,885.00	\$5,885.00
158 159	PVC CONDUIT, SCH 40, 1-JNCH DIAMETER SPEED BUMP	275 LF 35 LF	\$12.00 \$75.00	\$3,300.00	\$8.20 \$100.00	\$2,255.00	\$15.00	\$4,125.00	\$14.00	\$3,850.00	\$8.15	\$2,241.25
160	HANDRAIL	15 LF	\$250.00	\$2,625.00 \$3,750.00	\$150.00	\$3,500.00 \$2,250.00	\$125.00 \$210.00	\$4,375.00 \$3,150.00	\$75.00 \$250.00	\$2,625.00 \$3,750.00	\$145.00 \$100.00	\$5,075.00 \$1,500.00
161	REMOVAL OF WATER MAIN	2572 LF	\$15.00	\$38,580.00	\$36.00	\$92,592.00	\$15.00	\$38,580.00	\$72.00	\$185,184.00	\$73.00	\$187,756.00
162	TREE PROTECTION FENCE	500 LF	\$50.00	\$25,000.00	\$3.05	\$1,525.00	\$4.00	\$2,000.00	\$4.00	\$2,000.00	\$3.05	\$1,525.00
163	8" CLASS 52 DUCTILE IRON PIPE	275 LF	\$90.00	\$24,750.00	\$95.50	\$26,262.50	\$120.00	\$33,000.00	\$149.00	\$40,975.00	\$155.00	\$42,625.00
164 165	12" CLASS 52 DUCTILE IRON PIPE	1245 LF 190 LF	\$110.00	\$136,950.00	\$105.00	\$130,725.00	\$134.00	\$166,830.00	\$113.00	\$140,685.00	\$115.00	\$143,175.00
165	8" CLASS 52 DUCTILE IRON PIPE RESTRAINED JOINT 12" CLASS 52 DUCTILE IRON PIPE RESTRAINED JOINT	365 LF	\$120.00 \$150.00	\$22,800.00 \$54,750.00	\$110.00 \$150.00	\$20,900.00 \$54,750.00	\$135.00 \$155.00	\$25,650.00 \$56,575.00	\$203.00 \$127.00	\$38,570.00 \$46,355.00	\$210.00	\$39,900.00
167	8" C900 DR18 POLYVINYL CHLORIDE PIPE	305 LF	\$80.00	\$24,400.00	\$78.00	\$23,790.00	\$100.00	\$30,500.00	\$69.00	\$21,045.00	\$130.00 \$70.00	\$47,450.00 \$21,350.00
168	12" C900 DR18 POLYVINYL CHLORIDE PIPE	385 LF	\$90.00	\$34,650.00	\$90.00	\$34,650.00	\$112.00	\$43,120.00	\$73.00	\$28,105.00	\$74.00	\$28,490.00
169	8" C900 DR18 PVC RESTRAINED JOINT	95 LF	\$100.00	\$9,500.00	\$162.00	\$15,390.00	\$115.00	\$10,925.00	\$81.00	\$7,695.00	\$82.25	\$7,813.75
170	16" C900 PVC CASING PIPE	45 LF	\$150.00	\$6,750.00	\$305.00	\$13,725.00	\$25.00	\$1,125.00	\$169.00	\$7,605.00	\$171,50	\$7,717.50
171 172	FIBER OPTIC INTERCONNECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) MANA	1 LS 1 LS	\$225,000.00 \$10,000.00	\$225,000.00 \$10,000.00	\$185,000.00 \$7,700.00	\$185,000.00 \$7,700.00	\$190,000.00	\$190,000.00	\$110,000.00	\$110,000.00	\$182,250.00	\$182,250.00
173	TEMPORARY BUSINESS ACCESS SIGN	120 SF	\$10,000.00	\$1,200.00	\$31,50	\$3,780.00	\$6,500.00 \$30.00	\$6,500.00 \$3,600.00	\$6,500.00 \$30.00	\$6,500.00 \$3,600.00	\$7,615.00 \$30.50	\$7,615.00 \$3,660.00
174	CONCRETE STEPS	60 SF	\$50.00	\$3,000.00	\$51.50	\$3,090.00	\$50.00	\$3,000.00	\$50.00	\$3,000.00	\$52.00	\$3,120.00
175	BUS SHELTER PAD, REINFORCED P.C. CONCRETE, 6 IN.	22 SY	\$150.00	\$3,300.00	\$102.50	\$2,255.00	\$100.00	\$2,200.00	\$101.00	\$2,222.00	\$103.00	\$2,266.00
176	SINGLE-REINFORCED PC CONCRETE, 7-INCH	107 SY	\$150.00	\$16,050.00	\$153.00	\$16,371.00	\$150.00	\$16,050.00	\$151.00	\$16,157.00	\$153.00	\$16,371.00
177 178	RAISED CROSS WALK	66 SY	\$90.00	\$5,940.00	\$82.00	\$5,412.00	\$80.00	\$5,280.00	\$81.00	\$5,346.00	\$68.00	\$4,488.00
178	TEMPORARY GRANULAR SURFACING FOUNDATION ROCK/PIPE STABILIZATION MATERIAL	1600 TON 25 TON	\$40.00 \$30.00	\$64,000.00 \$750.00	\$35.00 \$45.00	\$56,000.00 \$1,125.00	\$34.80 \$38.00	\$55,680.00 \$950.00	\$45.00 \$39.00	\$72,000.00 \$975.00	\$46.00 \$40.00	\$73,600.00
180	MULCHING, BONDED FIBER MATRIX	17.6 ACRE	\$1,500.00	\$26,400.00	\$2,510.00	\$44,176.00	\$2,500.00	\$44,000.00	\$2,500.00	\$44,000.00	\$40.00	\$1,000.00 \$44,000.00
181	NATIVE GRASS SEEDING	1.4 ACRE	\$2,500.00	\$3,500.00	\$2,000.00	\$2,800.00	\$1,600.00	\$2,240.00	\$1,600.00	\$2,240.00	\$1,980.00	\$2,772.00
182	SEEDING AND FERTILIZING (URBAN)	6 ACRE	\$2,500.00	\$15,000.00	\$1,075.00	\$6,450.00	\$1,000.00	\$6,000.00	\$1,000.00	\$6,000.00	\$1,065.00	\$6,390.00
183	SLOPE PROTECTION, WOOD EXCELSIOR MAT	275 SQ	\$20.00	\$5,500.00	\$14.00	\$3,850.00	\$10.00	\$2,750.00	\$10.00	\$2,750.00	\$14.25	\$3,918.75
184 185	SODDING SILT FENCE	175 SQ 5000 LF	\$100.00 \$2.00	\$17,500.00 \$10,000.00	\$72.00 \$1.55	\$12,600.00 \$7,750.00	\$72.50 \$1.40	\$12,687.50 \$7,000.00	\$73.00 \$1.00	\$12,775.00 \$5,000.00	\$71.00 \$1.50	\$12,425.00
186	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	5000 LF	\$0.50	\$2,500.00	\$0.10	\$500.00	\$0.05	\$250.00	\$1.00	\$250.00	\$1.50 \$0.10	\$7,500.00 \$500.00
187	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHE	5000 LF	\$0.50	\$2,500.00	\$0.05	\$250.00	\$0.05	\$250.00	\$0.05	\$250.00	\$0.05	\$250.00
188	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DI	14000 LF	\$3.50	\$49,000.00	\$2.80	\$39,200.00	\$3.00	\$42,000.00	\$3.00	\$42,000.00	\$2.80	\$39,200.00
189	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 20 IN. DI	200 LF	\$4.00	\$800.00	\$4.10	\$820.00	\$4.00	\$800.00	\$4.00	\$800.00	\$4.05	\$810.00
190 191	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DE OPEN-THROAT CURB INTAKE SEDIMENT FILTER	14200 LF 64 LF	\$0.50	\$7,100.00	\$0.20	\$2,840.00	\$0.35	\$4,970.00	\$0.35	\$4,970.00	\$0.20	\$2,840.00
191	MAINTENANCE OF OPEN-THROAT CURB INTAKE SEDIMENT FIL	64 LF 6 EACH	\$15.00 \$25.00	\$960.00 \$150.00	\$15.50 \$25.50	\$992.00 \$153.00	\$14.00 \$15.00	\$896.00 \$90.00	\$14.00 \$15.00	\$896.00 \$90.00	\$15.25 \$25.40	\$976.00 \$152.40
193	REMOVAL OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER	6 EACH	\$25.00	\$150.00	\$25.00	\$150.00	\$10.00	\$60.00	\$13.00	\$66.00	\$25.40	\$152.40
194	GRATE INTAKE SEDIMENT FILTER BAG	90 EACH	\$200.00	\$18,000.00	\$130.00	\$11,700.00	\$120.00	\$10,800.00	\$120.00	\$10,800.00	\$127.00	\$11,430.00
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			UNIT		UNIT		UNIT		UNIT		UNIT	
<u>ITEM</u>	DESCRIPTION	QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
195	MAINTENANCE OF GRATE INTAKE SEDIMENT FILTER BAG	90 EACH	\$25.00	\$2,250.00	\$26.00	\$2,340.00	\$35.00	\$3,150.00	\$35.00	\$3,150.00	\$25.40	\$2,286.00
196	REMOVAL OF GRATE INTAKE SEDIMENT FILTER BAG	90 EACH	\$25.00	\$2,250.00	\$26.00	\$2,340.00	\$15.00	\$1,350.00	\$15.00	\$1,350,00	\$25.40	\$2,286.00
197	MOBILIZATIONS, EROSION CONTROL	4 EACH	\$500.00	\$2,000.00	\$525.00	\$2,100.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$508.00	\$2,032.00
198	MOBILIZATION, EMERGENCY EROSION CONTROL	1 EACH	\$1,000.00	\$1,000.00	\$1,025.00	\$1,025.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,015.00	\$1,015.00
199	TREES, FURNISHED AND INSTALLED (WITH WARRANTY)	13 EACH	\$450.00	\$5,850.00	\$820.00	\$10,660.00	\$400.00	\$5,200.00	\$400.00	\$5,200.00	\$815.00	\$10,595.00
	TOTAL CONSTRUCTION COST			\$10,000,000.00		\$8,918,811.33		\$10,028,620.16		\$10,957,100.00		\$11,865,375,62
	PERCENT OF ENGINEER'S ESTIMATE			- 80 14 50 10 10 50 10 10 10 10 10 10 10 10 10 10 10 10 10		-10.81%		+0.29%		+9.57%		+18.65%
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