



Date December 4, 2023

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON 2ND AVENUE RECONSTRUCTION FROM UNIVERSITY TO THE DES MOINES RIVER; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS SYNERGY CONTRACTING, LLC, JESSE ROGNES, PRESIDENT, \$17,148,218.80

WHEREAS, on October 23, 2023, under Roll Call No. 23-1404, 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:

2nd Avenue Reconstruction from University to the Des Moines River, Activity ID 062020001

The improvement includes the reconstruction of 2nd Avenue with Portland Cement Concrete (PCC) curb and gutter, 12-inch thick Hot Mix Asphalt (HMA) paving, modified subbase, PCC sidewalks and driveways, retaining wall, pavement removal, storm sewer, intakes, subdrain, sanitary sewer, water main, traffic signalization, pavement markings, traffic control, restoration, seeding, sodding, and miscellaneous associated work to complete the project, all in accordance with the contract documents, including Plan File No. 657-165/447, located along 2nd Avenue from University Avenue to the Des Moines River, 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.

WHEREAS, in accordance with said notice, those interested in said proposed plans, specifications, form of contract documents, and Engineer's estimate of construction cost both for and against, have been given opportunity to be heard with respect thereto and have presented their views to the City Council.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That upon due consideration of the facts, and any and all statements of interested persons, any objections to the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement are overruled and the hearing is closed and that said plans, specifications, form of contract documents, and Engineer's estimate of construction cost are hereby approved.

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

- Synergy Contracting, LLC, Des Moines, IA - Low Bid
- S. M. Hentges & Sons Inc., Jordan, MN
- Reilly Construction Co., Inc. , Ossian, IA
- Corell Contractor, Inc., West Des Moines, IA
- Jasper Construction Services, Inc., Newton, IA
- Rognes Corp., Ankeny, IA
- Progressive Structures, LLC, Elkader, 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 November 07, 2023. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.



Date December 4, 2023

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 Synergy Contracting, LLC, Jesse Rognes, President, 7481 US HWY 65/69, Des Moines, IA, 50320 in the amount of \$17,148,218.80, 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 closure of all public grounds, streets, sidewalks, alleys, bridges, culverts, overpasses, underpasses, grade crossing separations and approaches, public ways, squares, and commons for the Project.

(Council Communication No. 23-527 attached)

Moved by _____ to adopt. Second by _____

FORM APPROVED:

FUNDS AVAILABLE:

s/Kathleen Vanderpool

s/Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

SLN PW

Funding Source: 2023-24 CIP, Page 130, Roadway Reconstruction - Second Avenue, ST277, \$500,000 (Max) in Iowa DOT Traffic Safety Improvement Funds under CS-TSF-1945(871)--85-77, \$9,000,000 in T.I.F Bonds, \$2,733,541 in T.I.F Bonds to be issued, \$1,980,000 in Sanitary Sewer Funds, \$275,000.80 in Sanitary Sewer Funds to be transferred, and the remaining \$2,659,677 from Des Moines Water Works

Table with 5 columns: COUNCIL ACTION, YEAS, NAYS, PASS, ABSENT. Rows include COWNIE, BOESEN, GATTO, MANDELBAUM, COLEMAN, VOSS, WESTERGAARD, and TOTAL.

CERTIFICATE

I, Laura Baumgartner, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, 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.

MOTION CARRIED APPROVED

City Clerk

Bid Date: 11/7/2023

TABULATED BY: N. Smith APPROVED BY: *Phillip J. Wagen*
CHECKED BY: *Wagen*

CONTRACTOR'S BID TABULATION
PROJECT: 2ND AVENUE RECONSTRUCTION FROM UNIVERSITY TO THE DES MOINES RIVER

-----ESTIMATE-----

		Synergy Contracting, LLC Des Moines, IA		S. M. Hentges & Sons, Inc. Jordan, MN		Reilly Construction Co., Inc. Ossian, IA		Corell Contractor Inc. West Des Moines, 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	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT
1	CLEARING AND GRUBBING	530 UNIT	\$75.00	\$39,750.00	\$72.00	\$38,160.00	\$175.00	\$92,750.00	\$70.00	\$37,100.00
2	TOPSOIL, OFF-SITE	2140 CY	\$25.00	\$53,500.00	\$18.00	\$38,520.00	\$100.00	\$214,000.00	\$40.00	\$85,600.00
3	EXCAVATION, CLASS 13, ROADWAY AND BORROW	15645 CY	\$25.00	\$391,125.00	\$12.00	\$187,740.00	\$30.00	\$469,350.00	\$25.00	\$391,125.00
4	SUBGRADE PREPARATION	15855 SY	\$4.00	\$63,420.00	\$3.00	\$47,565.00	\$4.00	\$63,420.00	\$3.00	\$47,565.00
5	SUBGRADE TREATMENT, GEO-GRID, TYPE 2	31710 SY	\$5.00	\$158,550.00	\$3.60	\$114,156.00	\$2.50	\$79,275.00	\$2.50	\$79,275.00
6	SUBBASE, MODIFIED, 6 INCH	5510 SY	\$15.00	\$82,650.00	\$15.00	\$82,650.00	\$15.00	\$82,650.00	\$12.00	\$66,120.00
7	SUBBASE, MODIFIED, 12 INCH	26200 SY	\$25.00	\$655,000.00	\$21.00	\$550,200.00	\$26.00	\$681,200.00	\$24.00	\$628,800.00
8	SUBBASE, 3" MACADAM, 8" THICKNESS	26200 SY	\$18.00	\$471,600.00	\$18.00	\$471,600.00	\$25.00	\$655,000.00	\$18.00	\$471,600.00
9	REMOVAL OF STRUCTURE, SIGN FOOTING	11 EA	\$2,500.00	\$27,500.00	\$600.00	\$6,600.00	\$200.00	\$2,200.00	\$600.00	\$1,800.00
10	REMOVAL OF STRUCTURE, RETAINING WALLS	1836 SF	\$20.00	\$36,720.00	\$6.00	\$11,016.00	\$20.00	\$36,720.00	\$6.25	\$11,475.00
11	BELOW GRADE EXCAVATION, CORE-OUT	300 CY	\$30.00	\$9,000.00	\$24.00	\$7,200.00	\$125.00	\$37,500.00	\$125.00	\$37,500.00
12	EXPLORATORY EXCAVATION	50 EA	\$500.00	\$25,000.00	\$600.00	\$30,000.00	\$1,000.00	\$50,000.00	\$750.00	\$37,500.00
13	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	12000 TON	\$35.00	\$420,000.00	\$48.00	\$576,000.00	\$35.00	\$420,000.00	\$32.00	\$384,000.00
14	SANITARY SEWER GRAVITY MAIN, TRENCHED, SOLID WALL PVC, 8 INCH	592 LF	\$80.00	\$47,360.00	\$161.00	\$95,312.00	\$115.00	\$68,080.00	\$225.00	\$133,200.00
15	SANITARY SEWER GRAVITY MAIN, TRENCHED, SOLID WALL PVC, 12 INCH	1203 LF	\$100.00	\$120,300.00	\$203.00	\$244,209.00	\$130.00	\$156,390.00	\$235.00	\$282,705.00
16	SANITARY SEWER GRAVITY MAIN, TRENCHED, DIP, 12 INCH	26 LF	\$400.00	\$10,400.00	\$371.00	\$9,646.00	\$375.00	\$9,750.00	\$825.00	\$21,450.00
17	SANITARY SEWER GRAVITY MAIN, TRENCHED, DIP, 36 INCH	161 LF	\$500.00	\$80,500.00	\$850.50	\$136,930.50	\$650.00	\$104,650.00	\$800.00	\$128,800.00
18	SANITARY SEWER SERVICE RELOCATION	30 EA	\$2,500.00	\$75,000.00	\$4,760.00	\$142,800.00	\$5,000.00	\$150,000.00	\$7,500.00	\$225,000.00
19	REMOVAL OF SANITARY SEWER, 36 INCH OR LESS	136 LF	\$50.00	\$6,800.00	\$14.00	\$1,904.00	\$40.00	\$5,440.00	\$50.00	\$6,800.00
20	REMOVAL OF SANITARY SEWER, LARGER THAN 36 INCH	326 LF	\$70.00	\$22,820.00	\$28.00	\$9,128.00	\$85.00	\$27,710.00	\$75.00	\$24,450.00
21	STORM SEWER, TRENCHED, 8 INCH	90 LF	\$65.00	\$5,850.00	\$154.00	\$13,860.00	\$60.00	\$5,400.00	\$90.00	\$8,100.00
22	STORM SEWER, TRENCHED, DIP, 16 INCH	398 LF	\$250.00	\$99,500.00	\$294.00	\$117,012.00	\$200.00	\$79,600.00	\$220.00	\$87,560.00
23	STORM SEWER, TRENCHED, DIP, 18 INCH	253 LF	\$300.00	\$75,900.00	\$315.00	\$79,695.00	\$205.00	\$51,865.00	\$250.00	\$63,250.00
24	STORM SEWER, TRENCHED, DIP, 24 INCH	288 LF	\$400.00	\$115,200.00	\$406.00	\$116,928.00	\$240.00	\$69,120.00	\$300.00	\$66,400.00
25	STORM SEWER, TRENCHED, 12 INCH	41 LF	\$150.00	\$6,150.00	\$168.00	\$6,888.00	\$70.00	\$2,870.00	\$135.00	\$5,535.00
26	STORM SEWER, TRENCHED, 15 INCH	1201 LF	\$100.00	\$120,100.00	\$175.00	\$210,175.00	\$80.00	\$96,080.00	\$135.00	\$162,135.00
27	STORM SEWER, TRENCHED, 18 INCH	516 LF	\$120.00	\$61,920.00	\$182.00	\$93,912.00	\$110.00	\$56,760.00	\$140.00	\$72,240.00
28	STORM SEWER, TRENCHED, 24 INCH	1082 LF	\$140.00	\$151,480.00	\$231.00	\$249,942.00	\$140.00	\$151,480.00	\$160.00	\$173,120.00
29	STORM SEWER, TRENCHED, 30 INCH	451 LF	\$175.00	\$78,925.00	\$266.00	\$119,966.00	\$145.00	\$65,395.00	\$195.00	\$87,945.00
30	STORM SEWER, TRENCHED, 36 INCH	142 LF	\$200.00	\$28,400.00	\$301.00	\$42,742.00	\$185.00	\$26,270.00	\$210.00	\$29,260.00
31	STORM SEWER, TRENCHED, RCPP PRESSURE CONDUIT, 60 INCH	74 LF	\$850.00	\$62,900.00	\$945.00	\$69,930.00	\$650.00	\$48,100.00	\$750.00	\$55,500.00
32	STORM SEWER, TRENCHED, RCAP, 29 INCH	228 LF	\$200.00	\$45,600.00	\$329.00	\$75,012.00	\$220.00	\$50,160.00	\$160.00	\$36,480.00
33	STORM SEWER, TRENCHED, RCAP, 36 INCH	82 LF	\$250.00	\$20,500.00	\$427.00	\$35,014.00	\$230.00	\$18,860.00	\$280.00	\$22,960.00
34	STORM SEWER, TRENCHED, RCP, 8'X4' BOX CULVERT	109 LF	\$900.00	\$98,100.00	\$1,309.00	\$142,681.00	\$1,100.00	\$119,900.00	\$1,125.00	\$122,625.00
35	STORM SEWER, TRENCHED, PRESSURE CONDUIT, 60 INCH	1974 LF	\$750.00	\$1,480,500.00	\$980.00	\$1,934,520.00	\$700.00	\$1,381,800.00	\$850.00	\$1,677,900.00
36	TRENCH DRAIN, SPECIAL #1, CLARK	1 LS	\$40,000.00	\$40,000.00	\$42,700.00	\$42,700.00	\$70,000.00	\$70,000.00	\$60,000.00	\$60,000.00
37	TRENCH DRAIN, SPECIAL #2, COLLEGE	1 LS	\$40,000.00	\$40,000.00	\$42,700.00	\$42,700.00	\$70,000.00	\$70,000.00	\$63,000.00	\$63,000.00
38	TRENCH DRAIN, SPECIAL #3, FRANKLIN	1 LS	\$40,000.00	\$40,000.00	\$42,700.00	\$42,700.00	\$50,000.00	\$50,000.00	\$40,000.00	\$40,000.00
39	TRENCH DRAIN, PARKING LOT	210 LF	\$150.00	\$31,500.00	\$644.00	\$135,240.00	\$1,460.00	\$306,600.00	\$1,400.00	\$294,000.00
40	REMOVAL OF STORM SEWER, 36 INCH OR LESS	2767 LF	\$10.00	\$27,670.00	\$14.00	\$38,738.00	\$25.00	\$69,175.00	\$50.00	\$138,350.00
41	REMOVAL OF STORM SEWER, LARGER THAN 36 INCH	96 LF	\$15.00	\$1,440.00	\$28.00	\$2,688.00	\$75.00	\$7,200.00	\$75.00	\$7,200.00
42	REMOVAL OF STORM, TRENCH DRAIN	1 LS	\$7,500.00	\$7,500.00	\$7,000.00	\$7,000.00	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00
43	STORM SEWER, EXISTING CONNECTION REPAIR	5 EA	\$2,500.00	\$12,500.00	\$15,400.00	\$77,000.00	\$2,500.00	\$12,500.00	\$2,500.00	\$12,500.00
44	BOX CULVERT END TREATMENT	1 LS	\$10,000.00	\$10,000.00	\$11,900.00	\$11,900.00	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00
45	CONNECT TO EXISTING GRAVITY STORM SEWER	10 EA	\$2,000.00	\$20,000.00	\$8,400.00	\$84,000.00	\$2,500.00	\$25,000.00	\$1,500.00	\$15,000.00
46	CONNECT TO EXISTING BOX CULVERT	16 EA	\$3,500.00	\$56,000.00	\$8,400.00	\$134,400.00	\$2,500.00	\$40,000.00	\$3,000.00	\$48,000.00
47	CONNECT TO EXISTING 24" SEWER - FRANKLIN AVE.	1 EA	\$7,500.00	\$7,500.00	\$13,300.00	\$13,300.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00
48	CONNECT TO EXISTING 60" SEWER - FRANKLIN AVE.	1 EA	\$5,000.00	\$5,000.00	\$30,800.00	\$30,800.00	\$15,000.00	\$15,000.00	\$15,000.00	\$11,175.00
49	CONNECT TO EXISTING 60" SEWER - CLARK ST.	1 EA	\$15,000.00	\$15,000.00	\$23,800.00	\$23,800.00	\$50,000.00	\$50,000.00	\$17,000.00	\$17,000.00
50	SUBDRAIN, LONGITUDINAL, 6 IN. DIA.	7019 LF	\$18.00	\$126,342.00	\$31.50	\$221,098.50	\$28.00	\$196,532.00	\$30.00	\$210,570.00
51	SUBDRAIN, LONGITUDINAL, 8 IN. DIA.	137 LF	\$30.00	\$4,110.00	\$38.50	\$5,274.50	\$42.00	\$5,754.00	\$35.00	\$4,795.00
52	SUBDRAIN CLEANOUT, 6 INCH, TYPE A1	29 EA	\$750.00	\$21,750.00	\$1,260.00	\$36,540.00	\$1,000.00	\$29,000.00	\$750.00	\$21,750.00
53	SUBDRAIN CLEANOUT, 8 INCH, TYPE A1	2 EA	\$750.00	\$1,500.00	\$1,540.00	\$3,080.00	\$1,400.00	\$2,800.00	\$1,000.00	\$2,000.00
54	SUBDRAIN OUTLETS AND CONNECTIONS, 6 INCH	63 EA	\$400.00	\$25,200.00	\$420.00	\$26,460.00	\$1,000.00	\$63,000.00	\$250.00	\$15,750.00
55	SUBDRAIN OUTLETS AND CONNECTIONS, 8 INCH	1 EA	\$1,000.00	\$1,000.00	\$700.00	\$700.00	\$1,400.00	\$1,400.00	\$300.00	\$300.00
56	SPOT REPAIRS BY PIPE REPLACEMENT, SANITARY SEWER	10 EA	\$5,000.00	\$50,000.00	\$5,880.00	\$58,800.00	\$2,500.00	\$25,000.00	\$2,500.00	\$25,000.00
57	WATERMAIN, TRENCHED, CL52, 6 INCH, WITH NITRILE GASKETS	5 LF	\$200.00	\$1,000.00	\$280.00	\$1,400.00	\$80.00	\$400.00	\$850.00	\$4,250.00
58	WATERMAIN, TRENCHED, CL52, 6 INCH, WITH NITRILE GASKETS, RESTR	15 LF	\$200.00	\$3,000.00	\$210.00	\$3,150.00	\$85.00	\$1,275.00	\$500.00	\$7,500.00
59	WATERMAIN, TRENCHED, CL52, 8 INCH, WITH NITRILE GASKETS	65 LF	\$150.00	\$9,750.00	\$210.00	\$13,650.00	\$85.00	\$5,525.00	\$175.00	\$11,375.00

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
60	WATERMAIN, TRENCHED, CL52, 8 INCH, WITH NITRILE GASKETS, RESTR	242 LF	\$150.00	\$36,300.00	\$224.00	\$54,208.00	\$90.00	\$21,780.00	\$180.00	\$43,560.00	\$173.00	\$41,866.00
61	WATERMAIN, TRENCHED, CL52, 12 INCH, WITH NITRILE GASKETS	2516 LF	\$150.00	\$377,400.00	\$136.50	\$343,434.00	\$135.00	\$339,660.00	\$190.00	\$478,040.00	\$165.00	\$415,140.00
62	WATERMAIN, TRENCHED, CL52, 12 INCH, WITH NITRILE GASKETS, REST	118 LF	\$150.00	\$17,700.00	\$168.00	\$19,824.00	\$140.00	\$16,520.00	\$250.00	\$29,500.00	\$243.00	\$28,674.00
63	WATERMAIN, TRENCHED, C900 DR18, 12 INCH, GASKETED JOINTS	492 LF	\$150.00	\$73,800.00	\$133.00	\$65,436.00	\$70.00	\$34,440.00	\$220.00	\$108,240.00	\$199.00	\$97,908.00
64	WATERMAIN, TRENCHED, C900 DR18, 16 INCH, GASKETED JOINTS	755 LF	\$150.00	\$113,250.00	\$161.00	\$121,555.00	\$90.00	\$67,950.00	\$240.00	\$181,200.00	\$220.00	\$166,100.00
65	WATERMAIN, TRENCHED, C900 DR18, 16 INCH, RESTRAINED JOINTS	316 LF	\$150.00	\$47,400.00	\$210.00	\$66,360.00	\$120.00	\$37,920.00	\$250.00	\$79,000.00	\$250.00	\$79,000.00
66	WATERMAIN WITH CASING PIPE, TRENCHLESS, CL52, 8 INCH, WITH NIT	226 LF	\$2,000.00	\$452,000.00	\$490.00	\$110,740.00	\$1,250.00	\$282,500.00	\$1,500.00	\$339,000.00	\$1,220.00	\$275,720.00
67	FITTINGS BY WEIGHT, DUCTILE IRON	6200 LB	\$9.00	\$55,800.00	\$14.00	\$86,800.00	\$8.00	\$49,600.00	\$22.00	\$136,400.00	\$12.00	\$74,400.00
68	WATER SERVICE TRANSFER, 4 INCH, DUCTILE IRON, GASKETED JOINTS	2 EA	\$3,500.00	\$7,000.00	\$4,200.00	\$8,400.00	\$4,000.00	\$8,000.00	\$10,000.00	\$20,000.00	\$7,605.00	\$15,210.00
69	WATER SERVICE TRANSFER, 4 INCH, PVC, GASKETED JOINTS	1 EA	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00	\$3,125.00	\$3,125.00	\$8,500.00	\$8,500.00	\$8,025.00	\$8,025.00
70	WATER SERVICE TRANSFER, 8 INCH, DUCTILE IRON, GASKETED JOINTS	1 EA	\$4,500.00	\$4,500.00	\$5,600.00	\$5,600.00	\$6,500.00	\$6,500.00	\$11,000.00	\$11,000.00	\$9,115.00	\$9,115.00
71	CHECK DEPTH OF WATER SERVICE	20 EA	\$250.00	\$5,000.00	\$700.00	\$14,000.00	\$500.00	\$10,000.00	\$1,500.00	\$30,000.00	\$800.00	\$16,000.00
72	LOWER WATER SERVICE	5 EA	\$1,500.00	\$7,500.00	\$2,450.00	\$12,250.00	\$2,500.00	\$12,500.00	\$8,000.00	\$40,000.00	\$6,950.00	\$34,750.00
73	NEW STOP BOX HOUSING AND NEW STOP BOX ROD	41 EA	\$1,000.00	\$41,000.00	\$840.00	\$34,440.00	\$650.00	\$26,650.00	\$1,100.00	\$45,100.00	\$775.00	\$31,775.00
74	NEW WATER SERVICE, TRENCHED, COPPER, 1 INCH, SHORT SIDE	12 EA	\$3,500.00	\$42,000.00	\$4,900.00	\$58,800.00	\$1,500.00	\$18,000.00	\$4,000.00	\$48,000.00	\$5,375.00	\$64,500.00
75	NEW WATER SERVICE, TRENCHLESS, COPPER, 1 INCH, LONG SIDE	28 EA	\$5,000.00	\$140,000.00	\$5,950.00	\$166,600.00	\$3,500.00	\$98,000.00	\$7,000.00	\$196,000.00	\$8,100.00	\$226,800.00
76	NEW WATER SERVICE, TRENCHED, COPPER, 2 INCH, SHORT SIDE	1 EA	\$5,000.00	\$5,000.00	\$9,100.00	\$9,100.00	\$2,500.00	\$2,500.00	\$9,500.00	\$9,500.00	\$9,375.00	\$9,375.00
77	NEW WATER SERVICE, TRENCHED, PVC, 4 INCH, SHORT SIDE	1 EA	\$3,500.00	\$3,500.00	\$11,200.00	\$11,200.00	\$2,000.00	\$2,000.00	\$9,000.00	\$9,000.00	\$9,035.00	\$9,035.00
78	NEW WATER SERVICE, TRENCHLESS, DIP, 4 INCH, LONG SIDE	2 EA	\$10,000.00	\$20,000.00	\$14,000.00	\$28,000.00	\$5,500.00	\$11,000.00	\$13,000.00	\$26,000.00	\$15,625.00	\$31,250.00
79	NEW WATER SERVICE, TRENCHED, DIP, 8 INCH, SHORT SIDE	1 EA	\$5,000.00	\$5,000.00	\$13,300.00	\$13,300.00	\$3,000.00	\$3,000.00	\$11,500.00	\$11,500.00	\$13,075.00	\$13,075.00
80	RELOCATE WATER SERVICE	10 EA	\$1,500.00	\$15,000.00	\$9,100.00	\$91,000.00	\$3,000.00	\$30,000.00	\$7,500.00	\$75,000.00	\$8,150.00	\$81,500.00
81	REMOVAL OF WATERMAIN	2900 LF	\$15.00	\$43,500.00	\$14.00	\$40,600.00	\$17.00	\$49,300.00	\$50.00	\$145,000.00	\$51.00	\$147,900.00
82	32 LB MAGNESIUM ANODE	50 EA	\$1,000.00	\$50,000.00	\$1,260.00	\$63,000.00	\$550.00	\$27,500.00	\$1,200.00	\$60,000.00	\$930.00	\$46,500.00
83	CATHODIC PROTECTION TEST STATION	2 EA	\$1,500.00	\$3,000.00	\$2,800.00	\$5,600.00	\$1,000.00	\$2,000.00	\$2,500.00	\$5,000.00	\$1,750.00	\$3,500.00
84	VALVE, GATE, 8 INCH	10 EA	\$4,500.00	\$45,000.00	\$3,500.00	\$35,000.00	\$2,500.00	\$25,000.00	\$3,000.00	\$30,000.00	\$2,475.00	\$24,750.00
85	VALVE, GATE, 12 INCH	9 EA	\$7,000.00	\$63,000.00	\$6,300.00	\$56,700.00	\$4,000.00	\$36,000.00	\$5,000.00	\$45,000.00	\$4,280.00	\$38,520.00
86	VALVE, GATE, 16 INCH	5 EA	\$10,000.00	\$50,000.00	\$14,350.00	\$71,750.00	\$10,500.00	\$52,500.00	\$13,000.00	\$65,000.00	\$11,250.00	\$56,250.00
87	FIRE HYDRANT ASSEMBLY	12 EA	\$5,000.00	\$60,000.00	\$11,200.00	\$134,400.00	\$9,000.00	\$108,000.00	\$8,500.00	\$102,000.00	\$8,500.00	\$102,000.00
88	FLUSHING DEVICE (TEMPORARY BLOWOFF HYDRANT)	15 EA	\$2,500.00	\$37,500.00	\$11,200.00	\$168,000.00	\$6,000.00	\$90,000.00	\$7,000.00	\$105,000.00	\$159,000.00	\$159,000.00
89	VALVE BOX ADJUSTMENT	5 EA	\$500.00	\$2,500.00	\$700.00	\$3,500.00	\$1,500.00	\$7,500.00	\$900.00	\$4,500.00	\$440.00	\$2,200.00
90	VALVE BOX REPLACEMENT	1 EA	\$1,000.00	\$1,000.00	\$840.00	\$840.00	\$2,000.00	\$2,000.00	\$1,700.00	\$1,700.00	\$845.00	\$845.00
91	FIRE HYDRANT ASSEMBLY REMOVAL	7 EA	\$1,500.00	\$10,500.00	\$2,940.00	\$20,580.00	\$2,000.00	\$14,000.00	\$1,500.00	\$10,500.00	\$1,000.00	\$7,000.00
92	VALVE BOX REMOVAL	24 EA	\$500.00	\$12,000.00	\$140.00	\$3,360.00	\$750.00	\$18,000.00	\$500.00	\$12,000.00	\$230.00	\$5,520.00
93	SANITARY MANHOLE, SW-301, 48 INCH	10 EA	\$8,000.00	\$80,000.00	\$9,100.00	\$91,000.00	\$5,500.00	\$55,000.00	\$7,000.00	\$70,000.00	\$7,100.00	\$71,000.00
94	SANITARY MANHOLE, SW-301, 60 INCH	2 EA	\$12,000.00	\$24,000.00	\$14,000.00	\$28,000.00	\$8,500.00	\$17,000.00	\$11,000.00	\$22,000.00	\$11,000.00	\$22,000.00
95	SANITARY MANHOLE, SW-302, 96 INCH X 96 INCH	2 EA	\$30,000.00	\$60,000.00	\$24,500.00	\$49,000.00	\$150,000.00	\$300,000.00	\$35,000.00	\$70,000.00	\$53,600.00	\$107,200.00
96	SANITARY MANHOLE, SW-304, 60 INCH X 96 INCH	1 EA	\$25,000.00	\$25,000.00	\$28,000.00	\$28,000.00	\$150,000.00	\$150,000.00	\$35,000.00	\$35,000.00	\$71,500.00	\$71,500.00
97	STORM MANHOLE, SW-401, 48 INCH	2 EA	\$5,000.00	\$10,000.00	\$5,460.00	\$10,920.00	\$3,500.00	\$7,000.00	\$5,500.00	\$11,000.00	\$5,400.00	\$10,800.00
98	STORM MANHOLE, SW-401, 60 INCH	4 EA	\$10,000.00	\$40,000.00	\$7,560.00	\$30,240.00	\$5,500.00	\$22,000.00	\$6,000.00	\$24,000.00	\$7,800.00	\$31,200.00
99	SPECIAL STRUCTURE, ST-302	1 EA	\$200,000.00	\$200,000.00	\$84,000.00	\$84,000.00	\$160,000.00	\$160,000.00	\$95,000.00	\$95,000.00	\$135,000.00	\$135,000.00
100	SPECIAL STRUCTURE, ST-304	1 EA	\$150,000.00	\$150,000.00	\$61,600.00	\$61,600.00	\$125,000.00	\$125,000.00	\$90,000.00	\$90,000.00	\$105,000.00	\$105,000.00
101	SPECIAL STRUCTURE, ST-306	1 EA	\$150,000.00	\$150,000.00	\$63,000.00	\$63,000.00	\$125,000.00	\$125,000.00	\$85,000.00	\$85,000.00	\$105,000.00	\$105,000.00
102	INTAKE, SW-501	12 EA	\$7,500.00	\$90,000.00	\$3,850.00	\$46,200.00	\$13,000.00	\$156,000.00	\$5,500.00	\$66,000.00	\$5,500.00	\$66,000.00
103	INTAKE, SW-503	8 EA	\$10,000.00	\$80,000.00	\$7,000.00	\$56,000.00	\$16,500.00	\$132,000.00	\$8,000.00	\$64,000.00	\$8,400.00	\$67,200.00
104	INTAKE, SW-504	2 EA	\$10,000.00	\$20,000.00	\$7,700.00	\$15,400.00	\$17,500.00	\$35,000.00	\$9,000.00	\$18,000.00	\$8,900.00	\$17,800.00
105	INTAKE, SW-505	15 EA	\$10,000.00	\$150,000.00	\$6,650.00	\$99,750.00	\$16,500.00	\$247,500.00	\$7,500.00	\$112,500.00	\$8,000.00	\$120,000.00
106	INTAKE, SW-506	7 EA	\$15,000.00	\$105,000.00	\$14,000.00	\$98,000.00	\$19,000.00	\$133,000.00	\$11,000.00	\$77,000.00	\$14,000.00	\$98,000.00
107	INTAKE, SW-507	4 EA	\$12,500.00	\$50,000.00	\$4,970.00	\$19,880.00	\$15,500.00	\$62,000.00	\$8,500.00	\$34,000.00	\$8,000.00	\$32,000.00
108	INTAKE, SW-509	16 EA	\$15,000.00	\$240,000.00	\$6,720.00	\$107,520.00	\$19,500.00	\$312,000.00	\$11,000.00	\$176,000.00	\$10,500.00	\$168,000.00
109	INTAKE, SW-511	2 EA	\$5,000.00	\$10,000.00	\$4,410.00	\$8,820.00	\$13,000.00	\$26,000.00	\$5,000.00	\$10,000.00	\$3,600.00	\$7,200.00
110	INTAKE, SW-512, 18 INCH	3 EA	\$5,000.00	\$15,000.00	\$3,150.00	\$9,450.00	\$6,000.00	\$18,000.00	\$2,500.00	\$7,500.00	\$2,760.00	\$8,280.00
111	INTAKE, SW-513, 48 INCH X 48 INCH	1 EA	\$6,000.00	\$6,000.00	\$4,970.00	\$4,970.00	\$5,000.00	\$15,000.00	\$6,000.00	\$15,000.00	\$3,750.00	\$3,750.00
112	INTAKE, SW-516	3 EA	\$9,000.00	\$27,000.00	\$14,140.00	\$42,420.00	\$21,000.00	\$63,000.00	\$14,000.00	\$42,000.00	\$15,000.00	\$45,000.00
113	MANHOLE ADJUSTMENT, MINOR	14 EA	\$2,000.00	\$28,000.00	\$2,100.00	\$29,400.00	\$2,500.00	\$35,000.00	\$3,500.00	\$49,000.00	\$3,400.00	\$47,600.00
114	MANHOLE ADJUSTMENT, MAJOR	20 EA	\$4,000.00	\$80,000.00	\$2,800.00	\$56,000.00	\$3,000.00	\$60,000.00	\$5,000.00	\$100,000.00	\$5,950.00	\$119,000.00
115	INTAKE ADJUSTMENT, MAJOR	11 EA	\$3,000.00	\$33,000.00	\$2,940.00	\$32,340.00	\$2,000.00	\$22,000.00	\$4,000.00	\$44,000.00	\$4,250.00	\$46,750.00
116	REMOVE MANHOLE (SANITARY)	7 EA	\$1,500.00	\$10,500.00	\$700.00	\$4,900.00	\$10,000.00	\$70,000.00	\$2,000.00	\$14,000.00	\$2,075.00	\$14,525.00
117	REMOVE MANHOLE (STORM)	12 EA	\$1,500.00	\$18,000.00	\$700.00	\$8,400.00	\$2,000.00	\$24,000.00	\$2,000.00	\$24,000.00	\$2,025.00	\$24,300.00
118	REMOVE INTAKE	34 EA	\$1,500.00	\$51,000.00	\$420.00	\$14,280.00	\$2,000.00	\$68,000.00	\$2,000.00	\$68,000.00	\$2,025.00	\$68,850.00
119	ABANDONMENT OF EXISTING OVERFLOW STRUCTURE	1 EA	\$50,000.00	\$50,000.00	\$3,500.00	\$3,500.00	\$20,000.00	\$20,000.00	\$17,500.00	\$17,500.00	\$25,000.00	\$25,000.00
120	PAVEMENT, PCC, 7 INCH	2373 SY	\$70.00	\$166,110.00	\$70.00	\$166,110.00	\$68.00	\$161,364.00	\$73.00	\$173,229.00	\$71.50	\$169,669.50
121	PAVEMENT, PCC, 10 INCH	2873 SY	\$100.00	\$287,300.00	\$85.00	\$244,205.00	\$90.00	\$258,570.00	\$91.00	\$261,443.00	\$89.25	\$256,415.25
122	CURB AND GUTTER, 2 FOOT WIDTH, 12 INCH THICK, 6 INCH RISER	7851 LF	\$55.00	\$431,805.00	\$35.00	\$274,785.00	\$45.00	\$353,295.00	\$50.00	\$392,550.00	\$42.00	\$329,742.00
123	CONCRETE MEDIAN, 12 INCH THICK, 6 INCH RISER	60 SY	\$225.00	\$13,500.00	\$140.00	\$8,400.00	\$155.00	\$9,300.00	\$103.00	\$6,180.00	\$102.50	\$6,150.00
124	HMA HT BASE, 3/4" MIX, PG58-28H	5500 TON	\$100.00	\$550,000.00	\$97.50	\$536,250.00	\$100.00	\$550,000.00	\$101.00	\$555,500.00	\$99.75	\$548,62

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT
129	REMOVAL OF DRIVEWAY	12221	SY	\$10.00	\$122,210.00	\$7.50	\$91,657.50	\$5.00	\$61,105.00	\$18.00	\$219,978.00	\$10.00	\$122,210.00	\$10.00	\$122,210.00	\$122,210.00	
130	SIDEWALK, PCC, 6 INCH	4293	SY	\$55.00	\$236,115.00	\$50.00	\$214,650.00	\$65.00	\$279,045.00	\$51.00	\$218,943.00	\$54.00	\$231,822.00	\$54.00	\$231,822.00	\$231,822.00	
131	SIDEWALK, PCC, 6 INCH	596	SY	\$70.00	\$41,720.00	\$75.00	\$44,700.00	\$90.00	\$53,640.00	\$57.00	\$33,972.00	\$60.00	\$35,760.00	\$60.00	\$35,760.00	\$35,760.00	
132	DETECTABLE WARNING, CAST IRON	450	SF	\$50.00	\$22,500.00	\$45.00	\$20,250.00	\$50.00	\$22,500.00	\$52.00	\$23,400.00	\$51.25	\$23,062.50	\$51.25	\$23,062.50	\$23,062.50	
133	DRIVEWAY, PAVED, PCC, 6 IN.	316	SY	\$70.00	\$22,120.00	\$60.00	\$18,960.00	\$80.00	\$25,280.00	\$57.00	\$18,012.00	\$60.25	\$19,039.00	\$60.25	\$19,039.00	\$19,039.00	
134	DRIVEWAY, PAVED, PCC, 7 IN.	4167	SY	\$70.00	\$291,690.00	\$65.00	\$270,855.00	\$75.00	\$312,525.00	\$59.00	\$245,853.00	\$62.00	\$258,354.00	\$62.00	\$258,354.00	\$258,354.00	
135	DRIVEWAY, PAVED, PCC, 8 IN.	2916	SY	\$90.00	\$262,440.00	\$70.00	\$204,120.00	\$85.00	\$247,860.00	\$61.00	\$177,876.00	\$64.50	\$188,082.00	\$64.50	\$188,082.00	\$188,082.00	
136	DRIVEWAY, PAVED, HMA, 6 IN.	582	SY	\$125.00	\$72,750.00	\$55.00	\$32,010.00	\$105.00	\$61,110.00	\$100.00	\$58,200.00	\$102.50	\$59,655.00	\$102.50	\$59,655.00	\$59,655.00	
137	DRIVEWAY, GRANULAR, TEMPORARY CLASS A, 6 INCH	2500	TON	\$40.00	\$100,000.00	\$40.00	\$100,000.00	\$45.00	\$112,500.00	\$55.00	\$137,500.00	\$32.50	\$81,250.00	\$32.50	\$81,250.00	\$81,250.00	
138	PAVEMENT REMOVAL	25559	SY	\$10.00	\$255,590.00	\$5.00	\$127,795.00	\$10.00	\$255,590.00	\$18.00	\$460,062.00	\$16.00	\$408,944.00	\$16.00	\$408,944.00	\$408,944.00	
139	TRAFFIC SIGNALIZATION - SYSTEM A	1	LS	\$15,000.00	\$15,000.00	\$8,250.00	\$8,250.00	\$10,000.00	\$10,000.00	\$9,500.00	\$9,500.00	\$7,650.00	\$7,650.00	\$7,650.00	\$7,650.00	\$7,650.00	
140	TRAFFIC SIGNALIZATION - SYSTEM B	1	LS	\$35,000.00	\$35,000.00	\$25,575.00	\$25,575.00	\$20,000.00	\$20,000.00	\$20,500.00	\$20,500.00	\$23,715.00	\$23,715.00	\$23,715.00	\$23,715.00	\$23,715.00	
141	TRAFFIC SIGNALIZATION - SYSTEM C	1	LS	\$35,000.00	\$35,000.00	\$25,575.00	\$25,575.00	\$20,000.00	\$20,000.00	\$21,000.00	\$21,000.00	\$23,715.00	\$23,715.00	\$23,715.00	\$23,715.00	\$23,715.00	
142	TRAFFIC SIGNALIZATION - SYSTEM D	1	LS	\$350,000.00	\$350,000.00	\$283,002.50	\$283,002.50	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$262,415.00	\$262,415.00	\$262,415.00	\$262,415.00	\$262,415.00	
143	TRAFFIC SIGNALIZATION - SYSTEM E	1	LS	\$325,000.00	\$325,000.00	\$283,002.50	\$283,002.50	\$200,000.00	\$200,000.00	\$188,000.00	\$188,000.00	\$262,417.00	\$262,417.00	\$262,417.00	\$262,417.00	\$262,417.00	
144	TRAFFIC INTERCONNECT	1	LS	\$160,000.00	\$160,000.00	\$191,180.00	\$191,180.00	\$140,000.00	\$140,000.00	\$141,000.00	\$141,000.00	\$177,246.00	\$177,246.00	\$177,246.00	\$177,246.00	\$177,246.00	
145	PAINTED PAVEMENT MARKINGS, DURABLE, EPOXY	184	STA	\$250.00	\$46,000.00	\$137.50	\$25,300.00	\$130.00	\$23,920.00	\$130.00	\$23,920.00	\$131.25	\$24,150.00	\$131.25	\$24,150.00	\$24,150.00	
146	PAVEMENT MARKINGS, PREFORMED THERMOPLASTIC	184	STA	\$475.00	\$87,400.00	\$385.00	\$70,840.00	\$360.00	\$66,240.00	\$365.00	\$67,160.00	\$367.50	\$67,620.00	\$367.50	\$67,620.00	\$67,620.00	
147	PAINTED SYMBOLS AND LEGENDS, DURABLE, EPOXY	17	EA	\$275.00	\$4,675.00	\$577.50	\$9,817.50	\$530.00	\$9,010.00	\$550.00	\$9,350.00	\$552.00	\$9,384.00	\$552.00	\$9,384.00	\$9,384.00	
148	PAVEMENT MARKINGS REMOVED	20	STA	\$50.00	\$1,000.00	\$121.00	\$2,420.00	\$110.00	\$2,200.00	\$115.00	\$2,300.00	\$115.50	\$2,310.00	\$115.50	\$2,310.00	\$2,310.00	
149	TEMPORARY PAVEMENT MARKINGS, TAPE	100	STA	\$300.00	\$30,000.00	\$154.00	\$15,400.00	\$145.00	\$14,500.00	\$145.00	\$14,500.00	\$147.00	\$14,700.00	\$147.00	\$14,700.00	\$14,700.00	
150	TEMPORARY PAVEMENT MARKINGS, WATERBORNE	184	STA	\$70.00	\$12,880.00	\$66.00	\$12,144.00	\$65.00	\$11,960.00	\$62.00	\$11,408.00	\$63.00	\$11,592.00	\$63.00	\$11,592.00	\$11,592.00	
151	TEMPORARY TRAFFIC CONTROL	1	LS	\$175,000.00	\$175,000.00	\$132,000.00	\$132,000.00	\$190,000.00	\$190,000.00	\$125,000.00	\$125,000.00	\$124,500.00	\$124,500.00	\$124,500.00	\$124,500.00	\$124,500.00	
152	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	80	CDAY	\$120.00	\$9,600.00	\$165.00	\$13,200.00	\$155.00	\$12,400.00	\$155.00	\$12,400.00	\$157.50	\$12,600.00	\$157.50	\$12,600.00	\$12,600.00	
153	TYPE A SIGN, SHEET ALUMINUM	319.08	SF	\$30.00	\$9,572.40	\$35.00	\$11,167.80	\$35.00	\$11,167.80	\$37.00	\$11,805.96	\$37.00	\$11,805.96	\$37.00	\$11,805.96	\$11,805.96	
154	REMOVE SIGN AND SIGN POST	77	SF	\$150.00	\$11,550.00	\$55.00	\$4,235.00	\$50.00	\$3,850.00	\$52.00	\$4,042.00	\$52.50	\$4,042.50	\$52.50	\$4,042.50	\$4,042.50	
155	PERFORATED SQUARE STEEL TUBE POSTS	359	LF	\$35.00	\$12,565.00	\$38.50	\$13,821.50	\$35.00	\$12,565.00	\$37.00	\$13,283.00	\$37.00	\$13,283.00	\$37.00	\$13,283.00	\$13,283.00	
156	REMOVE AND REINSTALL SIGN	1	EA	\$150.00	\$150.00	\$1,100.00	\$1,100.00	\$1,050.00	\$1,050.00	\$1,050.00	\$1,050.00	\$1,050.00	\$1,050.00	\$1,050.00	\$1,050.00	\$1,050.00	
157	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING, LEVEE	0.2	AC	\$10,000.00	\$2,000.00	\$6,000.00	\$1,200.00	\$6,250.00	\$1,250.00	\$4,100.00	\$820.00	\$4,100.00	\$820.00	\$4,100.00	\$820.00	\$820.00	
158	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	1	AC	\$6,000.00	\$6,000.00	\$6,600.00	\$6,600.00	\$6,250.00	\$6,250.00	\$4,100.00	\$4,100.00	\$4,100.00	\$4,100.00	\$4,100.00	\$4,100.00	\$4,100.00	
159	SOD	720	SQ	\$125.00	\$90,000.00	\$82.50	\$59,400.00	\$80.00	\$57,600.00	\$77.00	\$55,440.00	\$77.00	\$55,440.00	\$77.00	\$55,440.00	\$55,440.00	
160	STORMWATER POLLUTION PREVENTION	1	LS	\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00	\$50,000.00	\$50,000.00	\$9,000.00	\$9,000.00	\$8,800.00	\$8,800.00	\$8,800.00	\$8,800.00	\$8,800.00	
161	FILTER SOCK, 9 INCH, INSTALL, MAINTAIN AND REMOVE	10577	LF	\$4.00	\$42,308.00	\$2.00	\$21,154.00	\$3.00	\$31,731.00	\$2.25	\$23,798.25	\$2.00	\$21,154.00	\$2.00	\$21,154.00	\$21,154.00	
162	SILT FENCE, INSTALL, MAINTAIN AND REMOVE	1305	LF	\$5.00	\$6,525.00	\$2.00	\$2,610.00	\$2.00	\$2,610.00	\$4.00	\$5,220.00	\$4.00	\$5,220.00	\$4.00	\$5,220.00	\$5,220.00	
163	STABILIZED CONSTRUCTION ENTRANCE	1	LS	\$5,000.00	\$5,000.00	\$3,850.00	\$3,850.00	\$50,000.00	\$50,000.00	\$35,000.00	\$35,000.00	\$18,000.00	\$18,000.00	\$18,000.00	\$18,000.00	\$18,000.00	
164	EROSION CONTROL MULCHING, HYDROMULCHING	2.9	AC	\$4,000.00	\$11,600.00	\$2,640.00	\$7,656.00	\$2,500.00	\$7,250.00	\$2,500.00	\$7,250.00	\$2,300.00	\$6,670.00	\$2,300.00	\$6,670.00	\$6,670.00	
165	INLET PROTECTION DEVICE, INSTALL, MAINTAIN AND REMOVE	115	EA	\$300.00	\$34,500.00	\$220.00	\$25,300.00	\$225.00	\$25,875.00	\$205.00	\$23,575.00	\$205.00	\$23,575.00	\$205.00	\$23,575.00	\$23,575.00	
166	CHAIN LINK FENCE, CHAIN LINK, 48 INCH	138	LF	\$40.00	\$5,520.00	\$45.00	\$6,210.00	\$30.00	\$4,140.00	\$27.00	\$3,726.00	\$27.00	\$3,726.00	\$27.00	\$3,726.00	\$3,726.00	
167	CHAIN LINK FENCE, CHAIN LINK, 72 INCH	463	LF	\$50.00	\$23,150.00	\$32.00	\$14,816.00	\$35.00	\$16,205.00	\$33.00	\$15,279.00	\$33.00	\$15,279.00	\$33.00	\$15,279.00	\$15,279.00	
168	REMOVAL OF FENCE	796	LF	\$7.50	\$5,970.00	\$5.00	\$3,980.00	\$8.00	\$6,368.00	\$4.00	\$3,184.00	\$4.00	\$3,184.00	\$4.00	\$3,184.00	\$3,184.00	
169	TEMPORARY FENCE, CHAIN LINK, 48 INCH	4175	LF	\$10.00	\$41,750.00	\$9.00	\$37,575.00	\$8.00	\$33,400.00	\$5.25	\$21,918.75	\$5.00	\$20,875.00	\$5.00	\$20,875.00	\$20,875.00	
170	MODULAR BLOCK RETAINING WALL	620	SF	\$60.00	\$37,200.00	\$60.50	\$37,510.00	\$90.00	\$55,800.00	\$47.00	\$29,140.00	\$42.00	\$26,040.00	\$42.00	\$26,040.00	\$26,040.00	
171	COMBINED CONCRETE SIDEWALK AND RETAINING WALL, TYPE B	84	CY	\$1,000.00	\$84,000.00	\$1,320.00	\$110,880.00	\$1,300.00	\$109,200.00	\$800.00	\$67,200.00	\$770.00	\$64,680.00	\$770.00	\$64,680.00	\$64,680.00	
172	CONCRETE STEPS, TYPE B	95	SF	\$250.00	\$23,750.00	\$110.00	\$10,450.00	\$105.00	\$9,975.00	\$94.00	\$8,930.00	\$92.00	\$8,740.00	\$92.00	\$8,740.00	\$8,740.00	
173	HANDRAIL, GALVANIZED	30	LF	\$225.00	\$6,750.00	\$302.50	\$9,075.00	\$310.00	\$9,300.00	\$300.00	\$9,000.00	\$285.00	\$8,550.00	\$285.00	\$8,550.00	\$8,550.00	
174	CONSTRUCTION SURVEY	1	AL	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	
175	MONUMENT PRESERVATION AND REPLACEMENT	1	LS	\$25,000.00	\$25,000.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$15,500.00	\$15,500.00	\$16,500.00	\$16,500.00	\$16,500.00	\$16,500.00	\$16,500.00	
176	MOBILIZATION	1	LS	\$853,162.60	\$853,162.60	\$800,000.00	\$800,000.00	\$900,599.20	\$900,599.20	\$1,500,000.00	\$1,500,000.00	\$1,047,440.00	\$1,047,440.00	\$1,047,440.00	\$1,047,440.00	\$1,047,440.00	
177	MAINTENANCE OF POSTAL SERVICE	1	LS	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$40,000.00	\$40,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	
178	MAINTENANCE OF SOLID WASTE COLLECTION	1	LS	\$15,000.00	\$15,000.00	\$30,000.00	\$30,000.00	\$15,000.00	\$15,000.00	\$55,000.00	\$55,000.00	\$58,600.00	\$58,600.00	\$58,600.00	\$58,600.00	\$58,600.00	
179	TEMPORARY GRANULAR SIDEWALK, 4"	1500	SY	\$40.00	\$60,000.00	\$15.00	\$22,500.00	\$15.00	\$22,500.00	\$15.00	\$22,500.00	\$12.70	\$19,050.00	\$12.70	\$19,050.00	\$19,050.00	
180	TEMPORARY BARRIER RAIL	2500	LF	\$30.00	\$75,000.00	\$30.00	\$75,000.00	\$35.00	\$87,500.00	\$32.00	\$80,000.00	\$31.50	\$78,750.00	\$31.50	\$78,750.00	\$78,750.00	
181	CONCRETE WASHOUT	1	LS	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$12,000.00	\$12,000.00	\$10,560.00	\$10,560.00	\$10,560.00	\$10,560.00	\$10,560.00	
182	COMPLETION INCENTIVE NO. 1, LUMP SUM, NO EXCUSE	1	LS	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	
183	COMPLETION INCENTIVE NO. 2, LUMP SUM, NO EXCUSE	1	LS	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	
184	MOBILIZATIONS, EROSION CONTROL	40	EA	\$500.00	\$20,000.00	\$400.00	\$16,000.00	\$450.00	\$18,000.00	\$500.00	\$20,000.00	\$460.00	\$18,400.00	\$460.00	\$18,400.00	\$18,400.00	
185	MOBILIZATIONS, EROSION CONTROL - EMERGENCY	1	EA	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$1,005.00	\$1,005.00	\$1,005.00	\$1,005.00	\$1,005.00	
186	REMOVE AND REINSTALL MAILBOX	2	EA	\$500.00	\$1,000.00	\$300.00	\$600.00	\$1,200.00	\$2,400.00	\$350.00	\$700.00	\$1,050.00	\$2,100.00	\$1,050.00	\$2,100.00	\$2,100.00	
187	TREE PROTECTION FENCE	400	LF	\$5.00	\$2,000.00	\$10.00	\$4,000.00	\$5.00	\$2,000.00								

TABULATED BY: N. Smith
CHECKED BY: _____

APPROVED BY: 

Jasper Construction Services, Inc.
Newton, IA

Rognes Corp
Ankeny, IA

Progressive Structures, LLC
Luxemburg, IA

CONTRACTOR'S BID TABULATION

PROJECT: 2ND AVENUE RECONSTRUCTION FROM UNIVERSITY TO THE DES MOINES RIVER

BID SECURITY
10% Bid Bond

BID SECURITY
10% Bid Bond

BID SECURITY
10% Bid Bond

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	CLEARING AND GRUBBING	530 UNIT	\$75.00	\$39,750.00	\$130.00	\$68,900.00	\$193.00	\$102,290.00	\$170.00	\$90,100.00
2	TOPSOIL, OFF-SITE	2140 CY	\$25.00	\$53,500.00	\$32.00	\$68,480.00	\$54.00	\$115,560.00	\$95.00	\$203,300.00
3	EXCAVATION, CLASS 13, ROADWAY AND BORROW	15645 CY	\$25.00	\$391,125.00	\$28.00	\$438,060.00	\$20.00	\$312,900.00	\$75.00	\$1,173,375.00
4	SUBGRADE PREPARATION	15855 SY	\$4.00	\$63,420.00	\$2.50	\$39,637.50	\$0.01	\$158.55	\$20.00	\$317,100.00
5	SUBGRADE TREATMENT, GEO-GRID, TYPE 2	31710 SY	\$5.00	\$158,550.00	\$3.25	\$103,057.50	\$3.00	\$95,130.00	\$7.00	\$221,970.00
6	SUBBASE, MODIFIED, 6 INCH	5510 SY	\$15.00	\$82,650.00	\$16.00	\$88,160.00	\$14.00	\$77,140.00	\$30.00	\$165,300.00
7	SUBBASE, MODIFIED, 12 INCH	26200 SY	\$25.00	\$655,000.00	\$21.00	\$550,200.00	\$28.00	\$733,600.00	\$42.00	\$1,100,400.00
8	SUBBASE, 3" MACADAM, 8" THICKNESS	26200 SY	\$18.00	\$471,600.00	\$18.00	\$471,600.00	\$25.00	\$655,000.00	\$35.00	\$917,000.00
9	REMOVAL OF STRUCTURE, SIGN FOOTING	11 EA	\$2,500.00	\$27,500.00	\$500.00	\$5,500.00	\$835.00	\$9,185.00	\$1,450.00	\$15,950.00
10	REMOVAL OF STRUCTURE, RETAINING WALLS	1836 SF	\$20.00	\$36,720.00	\$20.00	\$36,720.00	\$6.00	\$11,016.00	\$7.50	\$13,770.00
11	BELOW GRADE EXCAVATION, CORE-OUT	300 CY	\$30.00	\$9,000.00	\$25.00	\$7,500.00	\$65.00	\$19,500.00	\$110.00	\$33,000.00
12	EXPLORATORY EXCAVATION	50 EA	\$500.00	\$25,000.00	\$300.00	\$15,000.00	\$425.00	\$21,250.00	\$750.00	\$37,500.00
13	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	12000 TON	\$35.00	\$420,000.00	\$39.00	\$468,000.00	\$50.00	\$600,000.00	\$65.00	\$780,000.00
14	SANITARY SEWER GRAVITY MAIN, TRENCHED, SOLID WALL PVC, 8 INCH	592 LF	\$80.00	\$47,360.00	\$125.00	\$74,000.00	\$248.00	\$146,816.00	\$135.00	\$79,920.00
15	SANITARY SEWER GRAVITY MAIN, TRENCHED, SOLID WALL PVC, 12 INCH	1203 LF	\$100.00	\$120,300.00	\$145.00	\$174,435.00	\$269.00	\$323,607.00	\$158.00	\$190,074.00
16	SANITARY SEWER GRAVITY MAIN, TRENCHED, DIP, 12 INCH	26 LF	\$400.00	\$10,400.00	\$285.00	\$7,410.00	\$1,080.00	\$28,080.00	\$285.00	\$7,410.00
17	SANITARY SEWER GRAVITY MAIN, TRENCHED, DIP, 36 INCH	161 LF	\$500.00	\$80,500.00	\$610.00	\$98,210.00	\$1,105.00	\$177,905.00	\$750.00	\$120,750.00
18	SANITARY SEWER SERVICE RELOCATION	30 EA	\$2,500.00	\$75,000.00	\$4,400.00	\$132,000.00	\$5,485.00	\$164,550.00	\$5,000.00	\$150,000.00
19	REMOVAL OF SANITARY SEWER, 36 INCH OR LESS	136 LF	\$50.00	\$6,800.00	\$50.00	\$6,800.00	\$65.00	\$8,840.00	\$7.50	\$1,020.00
20	REMOVAL OF SANITARY SEWER, LARGER THAN 36 INCH	326 LF	\$70.00	\$22,820.00	\$65.00	\$21,190.00	\$79.00	\$25,754.00	\$25.00	\$8,150.00
21	STORM SEWER, TRENCHED, 8 INCH	90 LF	\$65.00	\$5,850.00	\$95.00	\$8,550.00	\$125.00	\$11,250.00	\$110.00	\$9,900.00
22	STORM SEWER, TRENCHED, DIP, 16 INCH	398 LF	\$250.00	\$99,500.00	\$190.00	\$75,620.00	\$360.00	\$143,280.00	\$350.00	\$139,300.00
23	STORM SEWER, TRENCHED, DIP, 18 INCH	253 LF	\$300.00	\$75,900.00	\$210.00	\$53,130.00	\$379.00	\$95,887.00	\$375.00	\$94,875.00
24	STORM SEWER, TRENCHED, DIP, 24 INCH	288 LF	\$400.00	\$115,200.00	\$290.00	\$83,520.00	\$431.00	\$124,128.00	\$450.00	\$129,600.00
25	STORM SEWER, TRENCHED, 12 INCH	41 LF	\$150.00	\$6,150.00	\$105.00	\$4,305.00	\$282.00	\$11,562.00	\$145.00	\$5,945.00
26	STORM SEWER, TRENCHED, 15 INCH	1201 LF	\$100.00	\$120,100.00	\$105.00	\$126,105.00	\$238.00	\$285,838.00	\$150.00	\$180,150.00
27	STORM SEWER, TRENCHED, 18 INCH	516 LF	\$120.00	\$61,920.00	\$110.00	\$56,760.00	\$244.00	\$125,904.00	\$150.00	\$77,400.00
28	STORM SEWER, TRENCHED, 24 INCH	1082 LF	\$140.00	\$151,480.00	\$150.00	\$162,300.00	\$284.00	\$307,288.00	\$170.00	\$183,940.00
29	STORM SEWER, TRENCHED, 30 INCH	451 LF	\$175.00	\$78,925.00	\$190.00	\$85,690.00	\$368.00	\$165,968.00	\$240.00	\$108,240.00
30	STORM SEWER, TRENCHED, 36 INCH	142 LF	\$200.00	\$28,400.00	\$225.00	\$31,950.00	\$454.00	\$64,468.00	\$230.00	\$32,660.00
31	STORM SEWER, TRENCHED, RCPP PRESSURE CONDUIT, 60 INCH	74 LF	\$850.00	\$62,900.00	\$750.00	\$55,500.00	\$1,800.00	\$133,200.00	\$750.00	\$55,500.00
32	STORM SEWER, TRENCHED, RCAP, 29 INCH	228 LF	\$200.00	\$45,600.00	\$175.00	\$39,900.00	\$350.00	\$79,800.00	\$220.00	\$50,160.00
33	STORM SEWER, TRENCHED, RCAP, 36 INCH	82 LF	\$250.00	\$20,500.00	\$250.00	\$20,500.00	\$489.00	\$40,098.00	\$425.00	\$34,850.00
34	STORM SEWER, TRENCHED, RCP, 8'X4' BOX CULVERT	109 LF	\$900.00	\$98,100.00	\$1,000.00	\$109,000.00	\$1,715.00	\$186,935.00	\$1,200.00	\$130,800.00
35	STORM SEWER, TRENCHED, PRESSURE CONDUIT, 60 INCH	1974 LF	\$750.00	\$1,480,500.00	\$760.00	\$1,500,240.00	\$1,095.00	\$2,161,530.00	\$1,000.00	\$1,974,000.00
36	TRENCH DRAIN, SPECIAL #1, CLARK	1 LS	\$40,000.00	\$40,000.00	\$84,500.00	\$84,500.00	\$75,580.00	\$75,580.00	\$90,000.00	\$90,000.00
37	TRENCH DRAIN, SPECIAL #2, COLLEGE	1 LS	\$40,000.00	\$40,000.00	\$84,500.00	\$84,500.00	\$75,580.00	\$75,580.00	\$92,000.00	\$92,000.00
38	TRENCH DRAIN, SPECIAL #3, FRANKLIN	1 LS	\$40,000.00	\$40,000.00	\$84,500.00	\$84,500.00	\$75,580.00	\$75,580.00	\$70,000.00	\$70,000.00
39	TRENCH DRAIN, PARKING LOT	210 LF	\$150.00	\$31,500.00	\$750.00	\$157,500.00	\$1,130.00	\$237,300.00	\$1,700.00	\$357,000.00
40	REMOVAL OF STORM SEWER, 36 INCH OR LESS	2767 LF	\$10.00	\$27,670.00	\$30.00	\$83,010.00	\$66.00	\$182,622.00	\$30.00	\$83,010.00
41	REMOVAL OF STORM SEWER, LARGER THAN 36 INCH	96 LF	\$15.00	\$1,440.00	\$45.00	\$4,320.00	\$117.00	\$11,232.00	\$36.00	\$3,456.00
42	REMOVAL OF STORM, TRENCH DRAIN	1 LS	\$7,500.00	\$7,500.00	\$14,500.00	\$14,500.00	\$6,275.00	\$6,275.00	\$33,000.00	\$33,000.00
43	STORM SEWER, EXISTING CONNECTION REPAIR	5 EA	\$2,500.00	\$12,500.00	\$5,800.00	\$29,000.00	\$5,420.00	\$27,100.00	\$10,000.00	\$50,000.00
44	BOX CULVERT END TREATMENT	1 LS	\$10,000.00	\$10,000.00	\$21,000.00	\$21,000.00	\$8,345.00	\$8,345.00	\$20,000.00	\$20,000.00
45	CONNECT TO EXISTING GRAVITY STORM SEWER	10 EA	\$2,000.00	\$20,000.00	\$3,100.00	\$31,000.00	\$3,250.00	\$32,500.00	\$5,000.00	\$50,000.00
46	CONNECT TO EXISTING BOX CULVERT	16 EA	\$3,500.00	\$56,000.00	\$3,500.00	\$56,000.00	\$5,770.00	\$92,320.00	\$15,000.00	\$240,000.00
47	CONNECT TO EXISTING 24" SEWER - FRANKLIN AVE.	1 EA	\$7,500.00	\$7,500.00	\$5,000.00	\$5,000.00	\$11,920.00	\$11,920.00	\$4,500.00	\$4,500.00
48	CONNECT TO EXISTING 60" SEWER - FRANKLIN AVE.	1 EA	\$5,000.00	\$5,000.00	\$9,800.00	\$9,800.00	\$41,420.00	\$41,420.00	\$11,000.00	\$11,000.00
49	CONNECT TO EXISTING 60" SEWER - CLARK ST.	1 EA	\$15,000.00	\$15,000.00	\$9,800.00	\$9,800.00	\$33,040.00	\$33,040.00	\$16,000.00	\$16,000.00
50	SUBDRAIN, LONGITUDINAL, 6 IN. DIA.	7019 LF	\$18.00	\$126,342.00	\$20.00	\$140,380.00	\$28.00	\$196,532.00	\$16.00	\$112,304.00
51	SUBDRAIN, LONGITUDINAL, 8 IN. DIA.	137 LF	\$30.00	\$4,110.00	\$27.00	\$3,699.00	\$56.00	\$7,772.00	\$20.00	\$2,740.00
52	SUBDRAIN CLEANOUT, 6 INCH, TYPE A1	29 EA	\$750.00	\$21,750.00	\$540.00	\$15,660.00	\$701.00	\$20,329.00	\$930.00	\$26,970.00
53	SUBDRAIN CLEANOUT, 8 INCH, TYPE A1	2 EA	\$750.00	\$1,500.00	\$800.00	\$1,600.00	\$1,055.00	\$2,110.00	\$1,250.00	\$2,500.00
54	SUBDRAIN OUTLETS AND CONNECTIONS, 6 INCH	63 EA	\$400.00	\$25,200.00	\$300.00	\$18,900.00	\$384.00	\$24,192.00	\$260.00	\$16,380.00
55	SUBDRAIN OUTLETS AND CONNECTIONS, 8 INCH	1 EA	\$1,000.00	\$1,000.00	\$390.00	\$390.00	\$473.00	\$473.00	\$400.00	\$400.00
56	SPOT REPAIRS BY PIPE REPLACEMENT, SANITARY SEWER	10 EA	\$5,000.00	\$50,000.00	\$4,800.00	\$48,000.00	\$9,415.00	\$94,150.00	\$4,200.00	\$42,000.00
57	WATERMAIN, TRENCHED, CL52, 6 INCH, WITH NITRILE GASKETS	5 LF	\$200.00	\$1,000.00	\$800.00	\$4,000.00	\$1,045.00	\$5,225.00	\$152.00	\$760.00
58	WATERMAIN, TRENCHED, CL52, 6 INCH, WITH NITRILE GASKETS, RESTR	15 LF	\$200.00	\$3,000.00	\$110.00	\$1,650.00	\$449.00	\$6,735.00	\$155.00	\$2,325.00
59	WATERMAIN, TRENCHED, CL52, 8 INCH, WITH NITRILE GASKETS	65 LF	\$150.00	\$9,750.00	\$135.00	\$8,775.00	\$448.00	\$29,120.00	\$152.00	\$9,860.00

ITEM	DESCRIPTION	QUANTITY	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
60	WATERMAIN, TRENCHED, CL52, 8 INCH, WITH NITRILE GASKETS, RESTR	242 LF	\$150.00	\$36,300.00	\$145.00	\$35,090.00	\$301.00	\$72,842.00	\$160.00	\$38,720.00
61	WATERMAIN, TRENCHED, CL52, 12 INCH, WITH NITRILE GASKETS	2516 LF	\$150.00	\$377,400.00	\$130.00	\$327,080.00	\$277.00	\$696,932.00	\$175.00	\$440,300.00
62	WATERMAIN, TRENCHED, CL52, 12 INCH, WITH NITRILE GASKETS, REST	118 LF	\$150.00	\$17,700.00	\$165.00	\$19,470.00	\$392.00	\$46,256.00	\$200.00	\$23,600.00
63	WATERMAIN, TRENCHED, C900 DR18, 12 INCH, GASKETED JOINTS	492 LF	\$150.00	\$73,800.00	\$110.00	\$54,120.00	\$246.00	\$121,032.00	\$145.00	\$71,340.00
64	WATERMAIN, TRENCHED, C900 DR18, 16 INCH, GASKETED JOINTS	755 LF	\$150.00	\$113,250.00	\$155.00	\$117,025.00	\$310.00	\$234,050.00	\$165.00	\$124,575.00
65	WATERMAIN, TRENCHED, C900 DR18, 16 INCH, RESTRAINED JOINTS	316 LF	\$150.00	\$47,400.00	\$190.00	\$60,040.00	\$402.00	\$127,032.00	\$210.00	\$66,360.00
66	WATERMAIN WITH CASING PIPE, TRENCHLESS, CL52, 8 INCH, WITH NIT	226 LF	\$2,000.00	\$452,000.00	\$1,400.00	\$316,400.00	\$622.00	\$140,572.00	\$1,300.00	\$293,800.00
67	FITTINGS BY WEIGHT, DUCTILE IRON	6200 LB	\$9.00	\$55,800.00	\$19.00	\$117,800.00	\$11.00	\$68,200.00	\$12.00	\$74,400.00
68	WATER SERVICE TRANSFER, 4 INCH, DUCTILE IRON, GASKETED JOINTS	2 EA	\$3,500.00	\$7,000.00	\$7,200.00	\$14,400.00	\$11,350.00	\$22,700.00	\$8,700.00	\$17,400.00
69	WATER SERVICE TRANSFER, 4 INCH, PVC, GASKETED JOINTS	1 EA	\$3,000.00	\$3,000.00	\$6,400.00	\$6,400.00	\$10,250.00	\$10,250.00	\$8,000.00	\$8,000.00
70	WATER SERVICE TRANSFER, 8 INCH, DUCTILE IRON, GASKETED JOINTS	1 EA	\$4,500.00	\$4,500.00	\$8,300.00	\$8,300.00	\$15,470.00	\$15,470.00	\$9,000.00	\$9,000.00
71	CHECK DEPTH OF WATER SERVICE	20 EA	\$250.00	\$5,000.00	\$120.00	\$2,400.00	\$829.00	\$16,580.00	\$3,600.00	\$72,000.00
72	LOWER WATER SERVICE	5 EA	\$1,500.00	\$7,500.00	\$6,000.00	\$30,000.00	\$6,335.00	\$31,675.00	\$4,800.00	\$24,000.00
73	NEW STOP BOX HOUSING AND NEW STOP BOX ROD	41 EA	\$1,000.00	\$41,000.00	\$480.00	\$19,680.00	\$1,000.00	\$41,000.00	\$3,700.00	\$151,700.00
74	NEW WATER SERVICE, TRENCHED, COPPER, 1 INCH, SHORT SIDE	12 EA	\$3,500.00	\$42,000.00	\$3,400.00	\$40,800.00	\$3,760.00	\$45,120.00	\$3,000.00	\$36,000.00
75	NEW WATER SERVICE, TRENCHLESS, COPPER, 1 INCH, LONG SIDE	28 EA	\$5,000.00	\$140,000.00	\$5,200.00	\$145,600.00	\$6,660.00	\$186,480.00	\$5,600.00	\$156,800.00
76	NEW WATER SERVICE, TRENCHED, COPPER, 2 INCH, SHORT SIDE	1 EA	\$5,000.00	\$5,000.00	\$5,800.00	\$5,800.00	\$8,935.00	\$8,935.00	\$5,400.00	\$5,400.00
77	NEW WATER SERVICE, TRENCHED, PVC, 4 INCH, SHORT SIDE	1 EA	\$3,500.00	\$3,500.00	\$4,900.00	\$4,900.00	\$11,080.00	\$11,080.00	\$7,550.00	\$7,550.00
78	NEW WATER SERVICE, TRENCHLESS, DIP, 4 INCH, LONG SIDE	2 EA	\$10,000.00	\$20,000.00	\$12,000.00	\$24,000.00	\$19,210.00	\$38,420.00	\$20,000.00	\$40,000.00
79	NEW WATER SERVICE, TRENCHED, DIP, 8 INCH, SHORT SIDE	1 EA	\$6,000.00	\$6,000.00	\$6,200.00	\$6,200.00	\$16,570.00	\$16,570.00	\$9,000.00	\$9,000.00
80	RELOCATE WATER SERVICE	10 EA	\$1,500.00	\$15,000.00	\$9,100.00	\$91,000.00	\$10,050.00	\$100,500.00	\$4,200.00	\$42,000.00
81	REMOVAL OF WATERMAIN	2900 LF	\$15.00	\$43,500.00	\$30.00	\$87,000.00	\$30.00	\$87,000.00	\$11.00	\$31,900.00
82	32 LB MAGNESIUM ANODE	50 EA	\$1,000.00	\$50,000.00	\$900.00	\$45,000.00	\$696.00	\$34,800.00	\$1,000.00	\$50,000.00
83	CATHODIC PROTECTION TEST STATION	2 EA	\$1,500.00	\$3,000.00	\$1,300.00	\$2,600.00	\$2,285.00	\$4,570.00	\$3,000.00	\$6,000.00
84	VALVE, GATE, 8 INCH	10 EA	\$4,500.00	\$45,000.00	\$2,600.00	\$26,000.00	\$2,775.00	\$27,750.00	\$3,600.00	\$36,000.00
85	VALVE, GATE, 12 INCH	9 EA	\$7,000.00	\$63,000.00	\$4,750.00	\$42,750.00	\$4,650.00	\$41,850.00	\$5,500.00	\$49,500.00
86	VALVE, GATE, 16 INCH	5 EA	\$10,000.00	\$50,000.00	\$12,400.00	\$62,000.00	\$12,410.00	\$62,050.00	\$13,500.00	\$67,500.00
87	FIRE HYDRANT ASSEMBLY	12 EA	\$6,000.00	\$60,000.00	\$8,500.00	\$102,000.00	\$9,695.00	\$116,340.00	\$9,000.00	\$108,000.00
88	FLUSHING DEVICE (TEMPORARY BLOWOFF HYDRANT)	15 EA	\$2,500.00	\$37,500.00	\$6,900.00	\$103,500.00	\$8,260.00	\$123,900.00	\$8,000.00	\$120,000.00
89	VALVE BOX ADJUSTMENT	5 EA	\$500.00	\$2,500.00	\$300.00	\$1,500.00	\$652.00	\$3,260.00	\$450.00	\$2,250.00
90	VALVE BOX REPLACEMENT	1 EA	\$1,000.00	\$1,000.00	\$850.00	\$850.00	\$1,180.00	\$1,180.00	\$1,200.00	\$1,200.00
91	FIRE HYDRANT ASSEMBLY REMOVAL	7 EA	\$1,500.00	\$10,500.00	\$1,700.00	\$11,900.00	\$1,315.00	\$9,205.00	\$5,200.00	\$36,400.00
92	VALVE BOX REMOVAL	24 EA	\$500.00	\$12,000.00	\$215.00	\$5,160.00	\$716.00	\$17,184.00	\$400.00	\$9,600.00
93	SANITARY MANHOLE, SW-301, 48 INCH	10 EA	\$8,000.00	\$80,000.00	\$7,500.00	\$75,000.00	\$8,245.00	\$82,450.00	\$10,000.00	\$100,000.00
94	SANITARY MANHOLE, SW-301, 60 INCH	2 EA	\$12,000.00	\$24,000.00	\$11,300.00	\$22,600.00	\$14,050.00	\$28,100.00	\$11,500.00	\$23,000.00
95	SANITARY MANHOLE, SW-302, 96 INCH X 96 INCH	2 EA	\$30,000.00	\$60,000.00	\$125,000.00	\$250,000.00	\$37,260.00	\$74,520.00	\$80,000.00	\$160,000.00
96	SANITARY MANHOLE, SW-304, 60 INCH X 96 INCH	1 EA	\$25,000.00	\$25,000.00	\$135,000.00	\$135,000.00	\$35,610.00	\$35,610.00	\$90,000.00	\$90,000.00
97	STORM MANHOLE, SW-401, 48 INCH	2 EA	\$5,000.00	\$10,000.00	\$4,050.00	\$8,100.00	\$4,785.00	\$9,570.00	\$6,500.00	\$13,000.00
98	STORM MANHOLE, SW-401, 60 INCH	4 EA	\$10,000.00	\$40,000.00	\$7,500.00	\$30,000.00	\$8,690.00	\$34,760.00	\$8,400.00	\$33,600.00
99	SPECIAL STRUCTURE, ST-302	1 EA	\$200,000.00	\$200,000.00	\$166,750.00	\$166,750.00	\$180,000.00	\$180,000.00	\$125,000.00	\$125,000.00
100	SPECIAL STRUCTURE, ST-304	1 EA	\$150,000.00	\$150,000.00	\$106,000.00	\$106,000.00	\$170,000.00	\$170,000.00	\$95,000.00	\$95,000.00
101	SPECIAL STRUCTURE, ST-306	1 EA	\$150,000.00	\$150,000.00	\$110,295.00	\$110,295.00	\$170,000.00	\$170,000.00	\$100,000.00	\$100,000.00
102	INTAKE, SW-501	12 EA	\$7,500.00	\$90,000.00	\$4,650.00	\$55,800.00	\$5,265.00	\$63,180.00	\$8,300.00	\$99,600.00
103	INTAKE, SW-503	8 EA	\$10,000.00	\$80,000.00	\$6,900.00	\$55,200.00	\$9,290.00	\$74,320.00	\$11,500.00	\$92,000.00
104	INTAKE, SW-504	2 EA	\$10,000.00	\$20,000.00	\$7,600.00	\$15,200.00	\$9,690.00	\$19,380.00	\$13,000.00	\$26,000.00
105	INTAKE, SW-505	15 EA	\$10,000.00	\$150,000.00	\$7,000.00	\$105,000.00	\$10,350.00	\$155,250.00	\$11,500.00	\$172,500.00
106	INTAKE, SW-506	7 EA	\$15,000.00	\$105,000.00	\$9,500.00	\$66,500.00	\$12,700.00	\$88,900.00	\$14,000.00	\$98,000.00
107	INTAKE, SW-507	4 EA	\$12,500.00	\$50,000.00	\$6,300.00	\$25,200.00	\$23,620.00	\$94,480.00	\$12,500.00	\$50,000.00
108	INTAKE, SW-509	16 EA	\$15,000.00	\$240,000.00	\$8,100.00	\$129,600.00	\$29,330.00	\$469,280.00	\$15,000.00	\$240,000.00
109	INTAKE, SW-511	2 EA	\$5,000.00	\$10,000.00	\$5,000.00	\$10,000.00	\$8,135.00	\$16,270.00	\$7,200.00	\$14,400.00
110	INTAKE, SW-512, 18 INCH	3 EA	\$5,000.00	\$15,000.00	\$3,300.00	\$9,900.00	\$2,900.00	\$8,700.00	\$1,550.00	\$4,650.00
111	INTAKE, SW-513, 48 INCH X 48 INCH	1 EA	\$6,000.00	\$6,000.00	\$6,500.00	\$6,500.00	\$8,570.00	\$8,570.00	\$7,800.00	\$7,800.00
112	INTAKE, SW-516	3 EA	\$9,000.00	\$27,000.00	\$13,500.00	\$40,500.00	\$16,980.00	\$50,940.00	\$17,500.00	\$52,500.00
113	MANHOLE ADJUSTMENT, MINOR	14 EA	\$2,000.00	\$28,000.00	\$3,600.00	\$50,400.00	\$2,755.00	\$38,570.00	\$2,200.00	\$30,800.00
114	MANHOLE ADJUSTMENT, MAJOR	20 EA	\$4,000.00	\$80,000.00	\$5,700.00	\$114,000.00	\$4,900.00	\$98,000.00	\$3,200.00	\$64,000.00
115	INTAKE ADJUSTMENT, MAJOR	11 EA	\$3,000.00	\$33,000.00	\$6,800.00	\$74,800.00	\$3,020.00	\$33,220.00	\$4,200.00	\$46,200.00
116	REMOVE MANHOLE (SANITARY)	7 EA	\$1,500.00	\$10,500.00	\$1,800.00	\$12,600.00	\$1,470.00	\$10,290.00	\$1,100.00	\$7,700.00
117	REMOVE MANHOLE (STORM)	12 EA	\$1,500.00	\$18,000.00	\$975.00	\$11,700.00	\$1,470.00	\$17,640.00	\$1,100.00	\$13,200.00
118	REMOVE INTAKE	34 EA	\$1,500.00	\$51,000.00	\$975.00	\$33,150.00	\$1,470.00	\$49,980.00	\$1,100.00	\$37,400.00
119	ABANDONMENT OF EXISTING OVERFLOW STRUCTURE	1 EA	\$50,000.00	\$50,000.00	\$31,000.00	\$31,000.00	\$45,470.00	\$45,470.00	\$7,500.00	\$7,500.00
120	PAVEMENT, PCC, 7 INCH	2373 SY	\$70.00	\$166,110.00	\$125.00	\$296,625.00	\$88.00	\$208,824.00	\$95.00	\$225,435.00
121	PAVEMENT, PCC, 10 INCH	2873 SY	\$100.00	\$287,300.00	\$150.00	\$430,950.00	\$102.00	\$293,046.00	\$110.00	\$316,030.00
122	CURB AND GUTTER, 2 FOOT WIDTH, 12 INCH THICK, 6 INCH RISER	7851 LF	\$55.00	\$431,805.00	\$45.00	\$353,295.00	\$41.00	\$321,891.00	\$45.00	\$353,295.00
123	CONCRETE MEDIAN, 12 INCH THICK, 6 INCH RISER	60 SY	\$225.00	\$13,500.00	\$175.00	\$10,500.00	\$176.00	\$10,560.00	\$185.00	\$11,100.00
124	HMA HT BASE, 3/4" MIX, PG58-28H	5500 TON	\$100.00	\$550,000.00	\$97.75	\$537,625.00	\$114.00	\$627,000.00	\$135.00	\$742,500.00
125	HMA HT INTERMEDIATE, 1/2" MIX, PG58-28H	5500 TON	\$100.00	\$550,000.00	\$93.00	\$511,500.00	\$109.00	\$599,500.00	\$130.00	\$715,000.00
126	HMA HT SURFACE, 1/2" MIX, PG58-28H	5500 TON	\$100.00	\$550,000.00	\$100.00	\$550,000.00	\$117.00	\$643,500.00	\$135.00	\$742,500.00
127	PAVEMENT, TEMPORARY, 6 INCH	4750 SY	\$60.00	\$285,000.00	\$58.00	\$275,000.00	\$50.00	\$237,500.00	\$75.00	\$356,250.00
128	REMOVAL OF SIDEWALK	4114 SY	\$10.00	\$41,140.00	\$18.00	\$74,052.00	\$10.00	\$41,140.00	\$30.00	\$123,420.00

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT		
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	
129	REMOVAL OF DRIVEWAY	12221 SY	\$10.00	\$122,210.00	\$18.00	\$219,978.00	\$10.00	\$122,210.00	\$28.00	\$342,188.00	
130	SIDEWALK, PCC, 5 INCH	4283 SY	\$55.00	\$236,115.00	\$95.00	\$407,835.00	\$63.00	\$270,459.00	\$80.00	\$343,440.00	
131	SIDEWALK, PCC, 6 INCH	596 SY	\$70.00	\$41,720.00	\$110.00	\$65,560.00	\$94.00	\$56,024.00	\$112.00	\$66,752.00	
132	DETECTABLE WARNING, CAST IRON	450 SF	\$50.00	\$22,500.00	\$60.00	\$27,000.00	\$59.00	\$26,550.00	\$60.00	\$27,000.00	
133	DRIVEWAY, PAVED, PCC, 6 IN.	316 SY	\$70.00	\$22,120.00	\$86.50	\$27,334.00	\$81.00	\$25,596.00	\$98.00	\$30,968.00	
134	DRIVEWAY, PAVED, PCC, 7 IN.	4167 SY	\$70.00	\$291,690.00	\$93.50	\$389,614.50	\$77.00	\$320,859.00	\$95.00	\$395,865.00	
135	DRIVEWAY, PAVED, PCC, 8 IN.	2916 SY	\$90.00	\$262,440.00	\$100.00	\$291,600.00	\$85.00	\$247,860.00	\$102.00	\$297,432.00	
136	DRIVEWAY, PAVED, HMA, 6 IN.	582 SY	\$125.00	\$72,750.00	\$92.50	\$53,835.00	\$108.00	\$62,856.00	\$98.00	\$57,036.00	
137	DRIVEWAY, GRANULAR, TEMPORARY CLASS A, 6 INCH	2500 TON	\$40.00	\$100,000.00	\$50.00	\$125,000.00	\$45.00	\$112,500.00	\$58.00	\$145,000.00	
138	PAVEMENT REMOVAL	25559 SY	\$10.00	\$255,590.00	\$18.00	\$460,062.00	\$11.00	\$281,149.00	\$40.00	\$1,022,360.00	
139	TRAFFIC SIGNALIZATION - SYSTEM A	1 LS	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$10,660.00	\$10,660.00	\$11,000.00	\$11,000.00	
140	TRAFFIC SIGNALIZATION - SYSTEM B	1 LS	\$35,000.00	\$35,000.00	\$20,000.00	\$20,000.00	\$22,800.00	\$22,800.00	\$23,500.00	\$23,500.00	
141	TRAFFIC SIGNALIZATION - SYSTEM C	1 LS	\$35,000.00	\$35,000.00	\$20,000.00	\$20,000.00	\$23,020.00	\$23,020.00	\$23,605.00	\$23,605.00	
142	TRAFFIC SIGNALIZATION - SYSTEM D	1 LS	\$350,000.00	\$350,000.00	\$200,000.00	\$200,000.00	\$226,380.00	\$226,380.00	\$235,000.00	\$235,000.00	
143	TRAFFIC SIGNALIZATION - SYSTEM E	1 LS	\$325,000.00	\$325,000.00	\$200,000.00	\$200,000.00	\$213,200.00	\$213,200.00	\$220,000.00	\$220,000.00	
144	TRAFFIC INTERCONNECT	1 LS	\$160,000.00	\$160,000.00	\$150,000.00	\$150,000.00	\$159,920.00	\$159,920.00	\$165,000.00	\$165,000.00	
145	PAINTED PAVEMENT MARKINGS, DURABLE, EPOXY	184 STA	\$250.00	\$46,000.00	\$125.00	\$23,000.00	\$146.00	\$26,864.00	\$150.00	\$27,600.00	
146	PAVEMENT MARKINGS, PREFORMED THERMOPLASTIC	184 STA	\$475.00	\$87,400.00	\$350.00	\$64,400.00	\$410.00	\$75,440.00	\$420.00	\$77,280.00	
147	PAINTED SYMBOLS AND LEGENDS, DURABLE, EPOXY	17 EA	\$275.00	\$4,675.00	\$525.00	\$8,925.00	\$614.00	\$10,438.00	\$650.00	\$11,050.00	
148	PAVEMENT MARKINGS REMOVED	20 STA	\$50.00	\$1,000.00	\$110.00	\$2,200.00	\$129.00	\$2,580.00	\$135.00	\$2,700.00	
149	TEMPORARY PAVEMENT MARKINGS, TAPE	100 STA	\$300.00	\$30,000.00	\$140.00	\$14,000.00	\$164.00	\$16,400.00	\$170.00	\$17,000.00	
150	TEMPORARY PAVEMENT MARKINGS, WATERBORNE	184 STA	\$70.00	\$12,880.00	\$60.00	\$11,040.00	\$70.00	\$12,880.00	\$75.00	\$13,800.00	
151	TEMPORARY TRAFFIC CONTROL	1 LS	\$175,000.00	\$175,000.00	\$200,000.00	\$200,000.00	\$138,700.00	\$138,700.00	\$145,000.00	\$145,000.00	
152	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	80 CDAY	\$120.00	\$9,600.00	\$150.00	\$12,000.00	\$176.00	\$14,080.00	\$200.00	\$16,000.00	
153	TYPE A SIGN, SHEET ALUMINUM	319.08 SF	\$30.00	\$9,572.40	\$35.00	\$11,167.80	\$41.00	\$13,082.28	\$42.00	\$13,401.36	
154	REMOVE SIGN AND SIGN POST	77 SF	\$150.00	\$11,550.00	\$50.00	\$3,850.00	\$59.00	\$4,543.00	\$60.00	\$4,620.00	
155	PERFORATED SQUARE STEEL TUBE POSTS	359 LF	\$35.00	\$12,565.00	\$35.00	\$12,565.00	\$41.00	\$14,719.00	\$42.00	\$15,078.00	
156	REMOVE AND REINSTALL SIGN	1 EA	\$150.00	\$150.00	\$1,000.00	\$1,000.00	\$1,170.00	\$1,170.00	\$1,200.00	\$1,200.00	
157	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING, LEVEE	0.2 AC	\$10,000.00	\$2,000.00	\$3,950.00	\$790.00	\$7,025.00	\$1,405.00	\$7,200.00	\$1,440.00	
158	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	1 AC	\$6,000.00	\$6,000.00	\$3,950.00	\$3,950.00	\$7,025.00	\$7,025.00	\$7,200.00	\$7,200.00	
159	SOD	720 SQ	\$125.00	\$90,000.00	\$74.00	\$53,280.00	\$151.00	\$108,720.00	\$90.00	\$64,800.00	
160	STORMWATER POLLUTION PREVENTION	1 LS	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$14,980.00	\$14,980.00	\$18,000.00	\$18,000.00	
161	FILTER SOCK, 9 INCH, INSTALL, MAINTAIN AND REMOVE	10577 LF	\$4.00	\$42,308.00	\$2.00	\$21,154.00	\$3.00	\$31,731.00	\$3.00	\$31,731.00	
162	SILT FENCE, INSTALL, MAINTAIN AND REMOVE	1305 LF	\$5.00	\$6,525.00	\$3.80	\$4,959.00	\$3.00	\$3,915.00	\$2.40	\$3,132.00	
163	STABILIZED CONSTRUCTION ENTRANCE	1 LS	\$5,000.00	\$5,000.00	\$25,000.00	\$25,000.00	\$7,750.00	\$7,750.00	\$30,000.00	\$30,000.00	
164	EROSION CONTROL MULCHING, HYDROMULCHING	2.9 AC	\$4,000.00	\$11,600.00	\$2,250.00	\$6,525.00	\$2,925.00	\$8,482.50	\$3,000.00	\$8,700.00	
165	INLET PROTECTION DEVICE, INSTALL, MAINTAIN AND REMOVE	115 EA	\$300.00	\$34,500.00	\$195.00	\$22,425.00	\$234.00	\$26,910.00	\$250.00	\$28,750.00	
166	CHAIN LINK FENCE, CHAIN LINK, 48 INCH	138 LF	\$40.00	\$5,520.00	\$25.50	\$3,519.00	\$30.00	\$4,140.00	\$32.00	\$4,416.00	
167	CHAIN LINK FENCE, CHAIN LINK, 72 INCH	463 LF	\$50.00	\$23,150.00	\$31.75	\$14,700.25	\$37.00	\$17,131.00	\$40.00	\$18,520.00	
168	REMOVAL OF FENCE	796 LF	\$7.50	\$5,970.00	\$3.75	\$2,985.00	\$4.00	\$3,184.00	\$4.50	\$3,582.00	
169	TEMPORARY FENCE, CHAIN LINK, 48 INCH	4175 LF	\$10.00	\$41,750.00	\$5.00	\$20,875.00	\$6.00	\$25,050.00	\$6.00	\$25,050.00	
170	MODULAR BLOCK RETAINING WALL	620 SF	\$60.00	\$37,200.00	\$40.00	\$24,800.00	\$73.00	\$45,260.00	\$42.00	\$26,040.00	
171	COMBINED CONCRETE SIDEWALK AND RETAINING WALL, TYPE B	84 CY	\$1,000.00	\$84,000.00	\$1,500.00	\$126,000.00	\$1,475.00	\$123,900.00	\$1,600.00	\$134,400.00	
172	CONCRETE STEPS, TYPE B	95 SF	\$250.00	\$23,750.00	\$225.00	\$21,375.00	\$117.00	\$11,115.00	\$120.00	\$11,400.00	
173	HANDRAIL, GALVANIZED	30 LF	\$225.00	\$6,750.00	\$280.00	\$8,400.00	\$328.00	\$9,840.00	\$360.00	\$10,800.00	
174	CONSTRUCTION SURVEY	1 AL	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	
175	MONUMENT PRESERVATION AND REPLACEMENT	1 LS	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	\$17,560.00	\$17,560.00	\$75,000.00	\$75,000.00	
176	MOBILIZATION	1 LS	\$853,162.60	\$853,162.60	\$2,200,000.00	\$2,200,000.00	\$550,000.00	\$550,000.00	\$1,600,000.00	\$1,600,000.00	
177	MAINTENANCE OF POSTAL SERVICE	1 LS	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$5,850.00	\$5,850.00	\$14,500.00	\$14,500.00	
178	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$11,410.00	\$11,410.00	\$12,000.00	\$12,000.00	
179	TEMPORARY GRANULAR SIDEWALK, 4"	1500 SY	\$40.00	\$60,000.00	\$20.00	\$30,000.00	\$14.00	\$21,000.00	\$14.50	\$21,750.00	
180	TEMPORARY BARRIER RAIL	2500 LF	\$30.00	\$75,000.00	\$30.00	\$75,000.00	\$35.00	\$87,500.00	\$36.00	\$90,000.00	
181	CONCRETE WASHOUT	1 LS	\$6,000.00	\$6,000.00	\$40,000.00	\$40,000.00	\$11,700.00	\$11,700.00	\$10,000.00	\$10,000.00	
182	COMPLETION INCENTIVE NO. 1, LUMP SUM, NO EXCUSE	1 LS	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	
183	COMPLETION INCENTIVE NO. 2, LUMP SUM, NO EXCUSE	1 LS	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	
184	MOBILIZATIONS, EROSION CONTROL	40 EA	\$500.00	\$20,000.00	\$200.00	\$8,000.00	\$250.00	\$10,000.00	\$480.00	\$19,200.00	
185	MOBILIZATIONS, EROSION CONTROL - EMERGENCY	1 EA	\$1,000.00	\$1,000.00	\$975.00	\$975.00	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00	
186	REMOVE AND REINSTALL MAILBOX	2 EA	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$1,170.00	\$2,340.00	\$1,200.00	\$2,400.00	
187	TREE PROTECTION FENCE	400 LF	\$5.00	\$2,000.00	\$4.90	\$1,960.00	\$6.00	\$2,400.00	\$20.00	\$8,000.00	
188	TREE TRUNK PROTECTION	10 EA	\$500.00	\$5,000.00	\$475.00	\$4,750.00	\$527.00	\$5,270.00	\$380.00	\$3,800.00	
189	VIBRATION MONITORING	1 LS	\$200,000.00	\$200,000.00	\$330,000.00	\$330,000.00	\$414,100.00	\$414,100.00	\$420,000.00	\$420,000.00	
190	UTILITY POLE TRANSFER	60 EA	\$1,000.00	\$60,000.00	\$300.00	\$18,000.00	\$1,500.00	\$90,000.00	\$750.00	\$45,000.00	
TOTAL CONSTRUCTION COST											
PERCENT OF ENGINEER'S ESTIMATE				\$17,500,000.00		\$19,761,409.55		\$21,397,573.33		\$24,941,095.36	
						+12.92%		+22.27%		+42.52%	