



Roll Call Number

Agenda Item Number

54

DATE February 22, 2021

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON FLEUR DRIVE RECONSTRUCTION, SOUTHBOUND LANES, FROM GEORGE FLAGG PARKWAY TO WATROUS AVENUE
RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS INROADS, LLC, JOSEPH J. MANATT, MANAGER, \$6,460,390.51

WHEREAS, on January 11, 2021, under Roll Call No. 21-0009, 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:

Fleur Drive Reconstruction, Southbound Lanes, from George Flagg Parkway to Watrous Avenue
062019013

The improvement includes reconstruction of the southbound lanes of Fleur Drive with Portland Cement Concrete (PCC) curb and gutter, 10-inch Hot Mix Asphalt (HMA) paving, 12-inch modified subbase, 3-inch milling with HMA paving, PCC sidewalk and driveways, retaining walls, storm sewer, subdrain, earthwork and grading, fencing, water main construction, new irrigation system, erosion control, and restoration; all in accordance with contract documents, including Plan File Nos. 627-001/483, located along Fleur Drive from Watrous Avenue to George Flagg Parkway, 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 the 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 here by approved.

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

- InRoads, LLC, Des Moines, IA Low Bid
- Synergy Contracting, LLC, Bondurant, IA
- MPS Engineers, P.C. dba Kingston Services, P.C., Des Moines, IA
- OMG Midwest, Inc. dba Des Moines Asphalt & Paving, Ankeny, IA
- Jasper Construction Services, Inc., Newton, IA
- C.J. Moyna & Sons, LLC & Progressive Structures, LLC, A Joint Venture, Elkhart, IA



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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 January 26, 2021. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

BE IT FURTHER RESOLVED: That the Des Moines City Engineer, as the Engineer, has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by InRoads, LLC, Joseph J. Manatt, Manager, 4224 Hubbell Avenue, Des Moines, IA, 50317 in the amount of \$6,460,390.51, 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. **(Council Communication No. 21-081)**

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

s/Kathleen Vanderpool

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

SLN

Funding Source: 2020-2021 CIP, Page Street – 34, Roadway Reconstruction - Fleur Drive, ST267, G. O. Bonds, Being: \$2,798,921.51 in G.O. Bonds; \$3,000,000 in G.O. Bonds to be issued; \$600,000 in G.O. Bonds to be Issued and to be transferred from ST291, Fleur Drive Medians; and the remaining \$ 61,469 from Des Moines Water Works



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COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
WESTERGAARD				
GRAY				
BOESEN				
VOSS				
MANDELBAUM				
GATTO				
TOTAL				

MOTION CARRIED

APPROVED

Mayor

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

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

City Clerk

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DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 06-2019-013
IDOT Project No: N/A
Bid Date: 01/26/2021

TABULATED BY: B. Lewis APPROVED BY _____

CHECKED BY: Brett Lewis

CONTRACTOR'S BID TABULATION
PROJECT: FLEUR DRIVE RECONSTRUCTION, SOUTHBOUND LANES, FROM GEORGE FLAGG
PARKWAY TO WATROUS AVENUE

InRoads, LLC
Des Moines, IA

Synergy Contracting, LLC
Altoona, IA

MPS Engineers, PC dba
Kingston Services, PC
Des Moines, IA

BID SECURITY
10% Bid Bond

BID SECURITY
10% Bid Bond

BID SECURITY
10% Bid Bond

BID PRICE

BID PRICE

BID PRICE

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT	UNIT		UNIT		UNIT	
						PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
DIVISION 1: FLEUR DR. RECONSTRUCTION (CITY OF DES MOINES)						\$130.00	\$45,422.00	\$50.00	\$17,470.00	\$60.00	\$20,964.00
1	CLEARING & GRUBBING	349.4	UNIT	\$60.00	\$20,964.00	\$15.45	\$10,521.45	\$28.00	\$19,068.00	\$50.00	\$34,050.00
2	ON-SITE TOPSOIL	681	CY	\$50.00	\$34,050.00	\$31.00	\$45,415.00	\$42.00	\$61,530.00	\$50.00	\$73,250.00
3	OFF-SITE TOPSOIL	1465	CY	\$55.00	\$80,575.00	\$20.60	\$180,682.60	\$22.00	\$192,962.00	\$32.00	\$280,672.00
4	EXCAVATION, CLASS 10	8771	CY	\$30.00	\$263,130.00	\$20.60	\$16,150.40	\$22.00	\$17,248.00	\$40.00	\$31,360.00
5	EXCAVATION, CLASS 13, WASTE	784	CY	\$38.00	\$29,792.00	\$79.00	\$59,250.00	\$70.00	\$52,500.00	\$30.00	\$22,500.00
6	BELOW GRADE EXCAVATION (CORE OUT)	750	CY	\$75.00	\$56,250.00	\$2.05	\$50,452.55	\$3.00	\$73,833.00	\$5.00	\$123,055.00
7	SUBGRADE PREPARATION	24611	SY	\$5.00	\$123,055.00	\$3.00	\$73,833.00	\$3.00	\$73,833.00	\$5.50	\$135,360.50
8	SUBGRADE TREATMENT, POLYMER GRID	24611	SY	\$7.00	\$172,277.00	\$12.00	\$35,280.00	\$22.00	\$64,680.00	\$10.70	\$31,458.00
9	SUBGRADE TREATMENT, 10% FLY ASH, 12-INCH DEPTH	2940	SY	\$40.00	\$117,600.00	\$2.60	\$26,470.60	\$3.00	\$30,543.00	\$3.00	\$30,543.00
10	ENGINEERING FABRIC	10181	SY	\$3.00	\$30,543.00	\$13.60	\$7,398.40	\$14.00	\$7,616.00	\$12.50	\$6,800.00
11	MODIFIED SUBBASE, 6-INCH DEPTH	544	SY	\$16.00	\$8,704.00	\$17.35	\$427,000.85	\$21.00	\$516,831.00	\$16.75	\$412,234.25
12	MODIFIED SUBBASE, 12-INCH DEPTH	24611	SY	\$23.00	\$566,053.00	\$4.00	\$34,000.00	\$42.00	\$35,700.00	\$20.00	\$17,000.00
13	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	850	TON	\$42.00	\$35,700.00	\$123.60	\$4,573.20	\$294.00	\$10,878.00	\$200.00	\$7,400.00
14	STORM SEWER, TRENCHED, RCP, 2000D (CLASS III), 12 IN.	37	LF	\$175.00	\$6,475.00	\$164.80	\$21,259.20	\$140.00	\$18,060.00	\$185.00	\$23,865.00
15	STORM SEWER, TRENCHED, RCP, 2000D (CLASS III), 15 IN.	129	LF	\$185.00	\$23,865.00	\$139.05	\$4,310.55	\$266.00	\$8,246.00	\$180.00	\$5,580.00
16	STORM SEWER, TRENCHED, POLYPROPYLENE (PP), 15 IN.	31	LF	\$185.00	\$5,735.00	\$123.60	\$111,981.60	\$140.00	\$126,840.00	\$180.00	\$163,080.00
17	STORM SEWER, TRENCHED, RCP 2000D (CLASS III) OR PP, 15 IN.	906	LF	\$185.00	\$167,610.00	\$123.60	\$2,595.60	\$378.00	\$7,938.00	\$190.00	\$3,990.00
18	STORM SEWER, TRENCHED, RCP 3000D (CLASS IV), 12 IN.	21	LF	\$185.00	\$3,885.00	\$128.75	\$57,165.00	\$98.00	\$43,512.00	\$194.00	\$86,136.00
19	STORM SEWER, TRENCHED, RCP, 3000D (CLASS IV), 15 IN.	444	LF	\$200.00	\$88,800.00	\$36.05	\$9,264.85	\$28.00	\$7,196.00	\$21.00	\$5,397.00
20	REMOVAL OF STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	257	LF	\$22.00	\$5,654.00	\$46.35	\$2,317.50	\$70.00	\$3,500.00	\$65.00	\$3,250.00
21	STORM SEWER ABANDONMENT, FILL AND PLUG, 15 IN.	50	LF	\$75.00	\$3,750.00	\$18.54	\$126,350.10	\$14.00	\$95,410.00	\$15.00	\$102,225.00
22	SUBDRAIN, HDPE, LONGITUDINAL, PERFORATED, 6 IN.	6815	LF	\$25.00	\$170,375.00	\$16.48	\$38,085.28	\$14.00	\$32,354.00	\$16.00	\$36,976.00
23	SUBDRAIN, HDPE, MEDIAN, PERFORATED, 4 IN.	2311	LF	\$22.00	\$50,842.00	\$17.51	\$1,751.00	\$91.00	\$9,100.00	\$15.00	\$1,500.00
24	FOOTING DRAIN COLLECTOR, HDPE, PERFORATED, 6 IN.	100	LF	\$22.00	\$2,200.00	\$206.00	\$4,532.00	\$525.00	\$11,550.00	\$450.00	\$9,900.00
25	SUBDRAIN OUTLETS AND CONNECTIONS, 8-INCH CMP	22	EACH	\$525.00	\$11,550.00	\$309.00	\$2,781.00	\$1,435.00	\$12,915.00	\$350.00	\$3,150.00
26	SUBDRAIN OUTLETS AND CONNECTIONS, INSERTA TEE	9	EACH	\$550.00	\$4,950.00	\$5,665.00	\$11,330.00	\$9,520.00	\$19,040.00	\$10,000.00	\$20,000.00
27	SANITARY SEWER SPOT REPAIR BY PIPE REPLACEMENT	2	EACH	\$7,000.00	\$14,000.00	\$3,605.00	\$7,210.00	\$4,620.00	\$9,240.00	\$5,100.00	\$10,200.00
28	MANHOLE, SW-401, 48 IN.	2	EACH	\$5,000.00	\$10,000.00	\$5,665.00	\$16,995.00	\$6,930.00	\$20,790.00	\$5,400.00	\$16,200.00
29	INTAKE, SW-501	3	EACH	\$5,200.00	\$15,600.00	\$7,210.00	\$129,780.00	\$10,990.00	\$197,820.00	\$7,600.00	\$136,800.00
30	INTAKE, SW-505	18	EACH	\$7,500.00	\$135,000.00	\$7,725.00	\$30,900.00	\$15,190.00	\$60,760.00	\$8,400.00	\$33,600.00
31	INTAKE, SW-507	4	EACH	\$10,000.00	\$40,000.00	\$1,648.00	\$3,296.00	\$1,750.00	\$3,500.00	\$1,800.00	\$3,600.00
32	MANHOLE ADJUSTMENT, MINOR	2	EACH	\$2,000.00	\$4,000.00	\$1,545.00	\$1,545.00	\$1,330.00	\$1,330.00	\$1,500.00	\$1,500.00
33	INTAKE ADJUSTMENT, MINOR	1	EACH	\$3,500.00	\$3,500.00	\$4,635.00	\$37,080.00	\$4,620.00	\$36,960.00	\$4,500.00	\$36,000.00
34	MANHOLE ADJUSTMENT, MAJOR	8	EACH	\$5,200.00	\$41,600.00	\$1,236.00	\$2,472.00	\$700.00	\$1,400.00	\$1,000.00	\$2,000.00
35	REMOVE MANHOLE	2	EACH	\$1,000.00	\$2,000.00	\$1,236.00	\$18,540.00	\$700.00	\$10,500.00	\$950.00	\$14,250.00
36	REMOVE INTAKE	15	EACH	\$1,000.00	\$15,000.00	\$70.04	\$45,385.92	\$77.00	\$49,896.00	\$68.00	\$44,064.00
37	PAVEMENT, PCC, CLASS C, CLASS 3 DURABILITY, 8-INCH	648	SY	\$70.00	\$45,360.00	\$33.99	\$223,110.36	\$26.00	\$170,664.00	\$33.00	\$216,612.00
38	CURB AND GUTTER, 1.5 FT WIDTH, 10-INCH THICKNESS	6564	LF	\$36.00	\$236,304.00	\$37.08	\$23,619.96	\$48.00	\$30,576.00	\$32.00	\$20,384.00
39	CURB AND GUTTER, 2.0 FT WIDTH, 7-INCH THICKNESS	637	LF	\$34.00	\$21,658.00	\$43.26	\$46,115.16	\$63.00	\$67,158.00	\$44.00	\$46,904.00
40	RAISED MEDIAN CURB, TYPE 'A'	1066	LF	\$46.00	\$49,036.00	\$156.56	\$6,575.52	\$203.00	\$8,526.00	\$154.00	\$6,468.00
41	CONCRETE MEDIAN, TYPE A	42	SY	\$160.00	\$6,720.00	\$157.59	\$91,559.79	\$210.00	\$122,010.00	\$154.00	\$89,474.00
42	CONCRETE MEDIAN, TYPE B	581	SY	\$160.00	\$92,960.00	\$109.18	\$19,324.86	\$126.00	\$22,302.00	\$102.00	\$18,054.00
43	COLORLED MEDIAN BAND, 5-INCH PCC, REMOVE AND REPLACE	177	SY	\$105.00	\$18,585.00	\$16.80	\$346,886.40	\$16.50	\$340,692.00	\$15.50	\$320,044.00
44	PAVEMENT, HMA, HIGH TRF (HT), BASE COURSE, 3/4 IN. MIX, PG 58-28S, 4-INCH THICKNESS	20648	SY	\$25.00	\$516,200.00	\$17.00	\$351,016.00	\$16.50	\$340,692.00	\$8.80	\$182,107.20
45	PAVEMENT, HMA, HIGH TRF (HT), INTERMEDIATE COURSE, 1/2 IN. MIX, PG 58-28H, 4-INCH THICKNESS	20648	SY	\$26.00	\$536,848.00	\$9.60	\$198,662.40	\$9.00	\$186,246.00	\$75.00	\$10,575.00
46	PAVEMENT, HMA, HIGH TRF (HT), SURFACE COURSE, 1/2 IN. MIX, PG 58-28H, 2-INCH THICKNESS	20694	SY	\$13.00	\$269,022.00	\$79.00	\$11,139.00	\$88.00	\$12,408.00	\$75.00	\$10,575.00
47	PAVEMENT, HMA, STD TRF (ST), BASE COURSE, 3/4 IN. MIX, PG 58-28S	141	TON	\$110.00	\$15,510.00	\$79.00	\$8,374.00	\$88.00	\$9,328.00	\$75.00	\$7,950.00
48	PAVEMENT, HMA, STD TRF (ST), SURFACE COURSE, 1/2 IN. MIX, PG 58-28S	106	TON	\$110.00	\$11,660.00	\$14.70	\$58,961.70	\$16.50	\$66,181.50	\$13.60	\$54,549.60
49	HMA OVERLAY, HIGH TRF (HT), SURFACE COURSE, 1/2 IN. MIX, PG 58-28H, 3-INCH THICKNESS	4011	SY	\$20.00	\$80,220.00	\$0.00	\$0.00	\$-1.00	\$0.00	\$-1.00	\$0.00
50	HMA PAVEMENT DENSITY DEFICIENCY	0	EACH	-\$1.00	\$0.00	\$-1.00	\$0.00	\$-1.00	\$0.00	\$-1.00	\$0.00
51	HMA PAVEMENT THICKNESS DEFICIENCY	0	EACH	-\$1.00	\$0.00	\$-1.00	\$0.00	\$-1.00	\$0.00	\$-1.00	\$0.00
52	HMA PAVEMENT SMOOTHNESS DEFICIENCY	0	EACH	-\$1.00	\$0.00	\$-1.00	\$0.00	\$-1.00	\$0.00	\$-1.00	\$0.00
53	HMA PAVEMENT SAMPLES AND TESTING	1	LS	\$20,000.00	\$20,000.00	\$3,750.00	\$3,750.00	\$3,300.00	\$3,300.00	\$3,750.00	\$3,750.00

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ITEM	DESCRIPTION	UNIT		UNIT		UNIT		UNIT			
		QUANTITY	PRICE	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT		
		277 SY	\$14.00		\$3,878.00	\$7.00	\$1,939.00	\$7.00	\$1,939.00	\$12.00	\$3,324.00
54	REMOVAL OF SIDEWALKS	2669 SY	\$12.00		\$32,028.00	\$7.00	\$18,683.00	\$7.00	\$18,683.00	\$12.00	\$32,028.00
55	REMOVAL OF DRIVEWAYS	3390 SY	\$50.00		\$169,500.00	\$50.00	\$169,500.00	\$63.00	\$213,570.00	\$54.00	\$183,060.00
56	SIDEWALK, PCC, 5 IN.	278 SY	\$90.00		\$25,020.00	\$86.00	\$23,908.00	\$84.00	\$23,352.00	\$96.00	\$26,688.00
57	SIDEWALK, PCC, 6 IN.	40 SY	\$90.00		\$3,600.00	\$78.00	\$3,120.00	\$91.00	\$3,640.00	\$56.00	\$2,240.00
58	SIDEWALK, PCC, 6 IN. CLASS A	125 SF	\$35.00		\$4,375.00	\$30.00	\$3,750.00	\$28.00	\$3,500.00	\$42.00	\$5,250.00
59	BRICK PAVERS, MEDIAN	260 SF	\$55.00		\$14,300.00	\$56.00	\$14,560.00	\$63.00	\$16,380.00	\$50.00	\$13,000.00
60	DETECTABLE WARNING	1249 SY	\$60.00		\$74,940.00	\$60.00	\$74,940.00	\$84.00	\$104,916.00	\$59.00	\$73,691.00
61	DRIVEWAY, PAVED, PCC, 6 IN.	504 SY	\$65.00		\$32,760.00	\$64.00	\$32,256.00	\$91.00	\$45,864.00	\$63.00	\$31,752.00
62	DRIVEWAY, PAVED, PCC, 7 IN.	446 SY	\$330.00		\$147,180.00	\$340.00	\$151,640.00	\$210.00	\$93,660.00	\$256.00	\$114,176.00
63	FULL-DEPTH PATCHES	125 TON	\$120.00		\$15,000.00	\$52.00	\$6,500.00	\$70.00	\$8,750.00	\$50.00	\$6,250.00
64	SUBBASE OVER-EXCAVATION FOR PATCHING	4011 SY	\$11.00		\$44,121.00	\$2.90	\$11,631.90	\$3.00	\$12,033.00	\$3.00	\$12,033.00
65	MILLING	23071 SY	\$20.00		\$461,420.00	\$10.50	\$242,245.50	\$20.00	\$461,420.00	\$20.00	\$461,420.00
66	PAVEMENT REMOVAL	290 SY	\$32.00		\$9,280.00	\$62.00	\$17,980.00	\$42.00	\$44,772.00	\$12.00	\$12,792.00
67	MEDIAN REMOVAL	1066 LF	\$12.00		\$12,792.00	\$7.75	\$8,261.50	\$33.00	\$6,369.00	\$27.00	\$5,211.00
68	REMOVAL OF RAISED MEDIAN CURB	193 STA	\$16.00		\$3,088.00	\$28.00	\$5,404.00	\$33.00	\$6,369.00	\$27.00	\$5,211.00
69	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	45 STA	\$120.00		\$5,400.00	\$175.00	\$7,875.00	\$187.00	\$8,415.00	\$170.00	\$7,650.00
70	PAINTED PAVEMENT MARKINGS, DURABLE	37 STA	\$475.00		\$17,575.00	\$515.00	\$19,055.00	\$550.00	\$20,350.00	\$500.00	\$18,500.00
71	PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING MATERIAL, INLAY	32 STA	\$475.00		\$15,200.00	\$515.00	\$16,480.00	\$550.00	\$17,600.00	\$500.00	\$16,000.00
72	PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING MATERIAL, GROOVED	90 STA	\$185.00		\$16,650.00	\$133.90	\$12,051.00	\$143.00	\$12,870.00	\$130.00	\$11,700.00
73	WET, RETROREFLECTIVE REMOVABLE TAPE MARKINGS	19 EACH	\$425.00		\$8,075.00	\$310.00	\$5,890.00	\$330.00	\$6,270.00	\$300.00	\$5,700.00
74	REMOVABLE SYMBOLS & LEGENDS, TEMPORARY TAPE	21 EACH	\$150.00		\$3,150.00	\$101.00	\$2,121.00	\$110.00	\$2,310.00	\$100.00	\$2,100.00
75	PAINTED SYMBOLS & LEGENDS, WATERBORNE	18 EACH	\$260.00		\$4,680.00	\$303.00	\$5,454.00	\$330.00	\$5,940.00	\$300.00	\$5,400.00
76	PAINTED SYMBOLS & LEGENDS, DURABLE	150 STA	\$100.00		\$15,000.00	\$41.20	\$6,180.00	\$44.00	\$6,600.00	\$40.00	\$6,000.00
77	PAVEMENT MARKINGS REMOVED	25 EACH	\$200.00		\$5,000.00	\$103.00	\$2,575.00	\$110.00	\$2,750.00	\$70.00	\$5,390.00
78	SYMBOLS & LEGENDS REMOVED	77 STA	\$100.00		\$7,700.00	\$72.00	\$5,544.00	\$77.00	\$5,929.00	\$70.00	\$5,390.00
79	GROOVES CUT FOR PAVEMENT MARKINGS	18 EACH	\$200.00		\$3,600.00	\$181.00	\$3,258.00	\$220.00	\$3,960.00	\$175.00	\$3,150.00
80	GROOVES CUT FOR SYMBOLS AND LEGENDS	1 LS	\$85,000.00		\$85,000.00	\$83,258.00	\$83,258.00	\$68,200.00	\$68,200.00	\$61,700.00	\$61,700.00
81	TEMPORARY TRAFFIC CONTROL	34 EACH	\$200.00		\$6,800.00	\$154.50	\$5,253.00	\$165.00	\$5,610.00	\$150.00	\$5,100.00
82	SAFETY CLOSURE	0.75 ACRE	\$2,500.00		\$1,875.00	\$2,830.00	\$2,122.50	\$2,100.00	\$1,575.00	\$2,750.00	\$2,062.50
83	CONVENTIONAL SEEDING, TYPE 1	1.7 ACRE	\$4,500.00		\$7,650.00	\$2,935.50	\$4,990.35	\$3,920.00	\$6,664.00	\$2,850.00	\$4,845.00
84	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	725 SQ	\$110.00		\$79,750.00	\$67.00	\$48,575.00	\$78.00	\$56,550.00	\$65.00	\$47,125.00
85	SODDING	7300 LF	\$3.00		\$21,900.00	\$1.55	\$11,315.00	\$2.00	\$14,600.00	\$1.50	\$10,950.00
86	FILTER SOCK, 9 IN. DIA.	7300 LF	\$1.00		\$7,300.00	\$0.26	\$1,898.00	\$0.10	\$730.00	\$0.75	\$5,475.00
87	FILTER SOCK, REMOVAL	2400 SY	\$4.00		\$9,600.00	\$1.85	\$4,440.00	\$2.00	\$4,800.00	\$1.80	\$4,320.00
88	TEMPORARY RECP, WOOD EXCELSIOR	2300 LF	\$4.00		\$9,200.00	\$1.55	\$3,565.00	\$2.00	\$4,600.00	\$1.50	\$3,450.00
89	SILT FENCE OR SILT FENCE DITCH CHECK	4600 LF	\$2.00		\$9,200.00	\$0.10	\$460.00	\$1.00	\$4,600.00	\$0.05	\$230.00
90	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT	2300 LF	\$1.00		\$2,300.00	\$0.10	\$230.00	\$0.10	\$230.00	\$0.05	\$115.00
91	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	3 ACRE	\$3,000.00		\$9,000.00	\$1,390.50	\$4,171.50	\$2,520.00	\$7,560.00	\$1,350.00	\$4,050.00
92	EROSION CONTROL MULCHING, HYDROMULCHING	30 EACH	\$250.00		\$7,500.00	\$165.00	\$4,950.00	\$210.00	\$6,300.00	\$160.00	\$4,800.00
93	INLET PROTECTION DEVICE, SEDIMENT FILTER BAG	60 EACH	\$30.00		\$1,800.00	\$25.75	\$1,545.00	\$28.00	\$1,680.00	\$25.00	\$1,500.00
94	INLET PROTECTION DEVICE, MAINTENANCE	4238 SF	\$36.00		\$152,568.00	\$30.32	\$128,496.16	\$35.00	\$148,330.00	\$35.00	\$148,330.00
95	MODULAR BLOCK RETAINING WALL	50 SF	\$82.00		\$4,100.00	\$74.50	\$3,725.00	\$70.00	\$3,500.00	\$82.00	\$4,100.00
96	LIMESTONE RETAINING WALL	5111 SF	\$55.00		\$281,105.00	\$42.00	\$214,662.00	\$45.00	\$229,995.00	\$55.00	\$281,105.00
97	SEGMENTAL BLOCK RETAINING WALL	1134 TON	\$65.00		\$73,710.00	\$45.00	\$51,030.00	\$40.00	\$45,360.00	\$64.00	\$72,576.00
98	GRANULAR BACKFILL FOR SEGMENTAL BLOCK RETAINING WALL	141 SF	\$65.00		\$9,165.00	\$69.00	\$9,729.00	\$112.00	\$15,792.00	\$65.00	\$9,165.00
99	CONCRETE STEPS, TYPE B	48 LF	\$150.00		\$7,200.00	\$160.00	\$7,680.00	\$161.00	\$7,728.00	\$150.00	\$7,200.00
100	HANDRAIL, GALVANIZED STEEL PIPE, BLACK POWDER COATED	1 LS	\$699,023.00		\$699,023.00	\$270,000.00	\$270,000.00	\$168,000.00	\$168,000.00	\$917,628.00	\$917,628.00
101	MOBILIZATION	1 LS	\$8,500.00		\$8,500.00	\$3,800.00	\$3,800.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00
102	MAINTENANCE OF POSTAL SERVICE	1 LS	\$14,000.00		\$14,000.00	\$5,600.00	\$5,600.00	\$7,000.00	\$7,000.00	\$14,000.00	\$14,000.00
103	MAINTENANCE OF SOILD WASTE COLLECTION	1 LS	\$15,000.00		\$15,000.00	\$4,400.00	\$4,400.00	\$7,500.00	\$7,500.00	\$14,000.00	\$14,000.00
104	CONCRETE WASHOUT	2500 SY	\$1.00		\$2,500.00	\$1.00	\$2,500.00	\$1.00	\$2,500.00	\$1.00	\$2,500.00
105	COLD WEATHER PROTECTION FOR CONCRETE	550 SY	\$70.00		\$38,500.00	\$41.00	\$22,550.00	\$40.00	\$22,000.00	\$32.00	\$17,600.00
106	TEMPORARY PAVEMENT	1200 TON	\$35.00		\$42,000.00	\$17.25	\$20,700.00	\$7.00	\$8,400.00	\$30.00	\$36,000.00
107	TEMPORARY GRANULAR MATERIAL	25 TON	\$50.00		\$1,250.00	\$35.00	\$875.00	\$35.00	\$875.00	\$50.00	\$1,250.00
108	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	500 LF	\$4.00		\$2,000.00	\$12.00	\$6,000.00	\$5.00	\$2,500.00	\$4.00	\$2,000.00
109	PCC FILL MATERIAL	820 LF	\$4.00		\$3,280.00	\$4.00	\$3,280.00	\$5.00	\$4,100.00	\$4.00	\$3,280.00
110	SEAL PCC DRIVEWAY JOINTS	1 LS	\$25,000.00		\$25,000.00	\$5,150.00	\$5,150.00	\$4,480.00	\$4,480.00	\$25,000.00	\$25,000.00
111	VIDEO INSPECTION FOR SEWER PIPES	1 LS	\$15,000.00		\$15,000.00	\$30,900.00	\$30,900.00	\$42,000.00	\$42,000.00	\$26,425.00	\$26,425.00
112	REMOVALS	2435 SF	\$12.00		\$29,220.00	\$8.00	\$19,480.00	\$10.00	\$24,350.00	\$12.00	\$29,220.00
113	REMOVE RETAINING WALL	50 LF	\$100.00		\$5,000.00	\$26.00	\$1,300.00	\$42.00	\$2,100.00	\$100.00	\$5,000.00
114	REMOVE ABANDONED WATER MAIN	931 CY	\$12.00		\$11,172.00	\$26.00	\$24,206.00	\$28.00	\$26,068.00	\$12.00	\$11,172.00
115	MEDIAN EXCAVATION, REMOVE AMENDED SOIL AND PLANTS	14 EACH	\$550.00		\$7,700.00	\$180.00	\$2,520.00	\$840.00	\$11,760.00	\$550.00	\$7,700.00
116	CORE MEDIAN WALL OR FOOTING	18 LF	\$500.00		\$9,000.00	\$577.00	\$10,386.00	\$700.00	\$12,600.00	\$800.00	\$14,400.00
117	COLOR CONCRETE MEDIAN WALL	10 LF	\$125.00		\$1,250.00	\$160.00	\$1,600.00	\$700.00	\$7,000.00	\$250.00	\$2,500.00
118	COLOR CONCRETE MEDIAN CURB	1 LS	\$5,000.00		\$5,000.00	\$7,725.00	\$7,725.00	\$13,300.00	\$13,300.00	\$5,000.00	\$5,000.00
119	TREE TRIMMING	14 ACRE	\$500.00		\$7,000.00	\$258.00	\$3,612.00	\$350.00	\$4,900.00	\$250.00	\$3,500.00
120	MOWING										

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ITEM	DESCRIPTION	UNIT			UNIT			UNIT		
		QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
		55 EACH	\$200.00	\$11,000.00	\$103.00	\$5,665.00	\$140.00	\$7,700.00	\$100.00	\$5,500.00
121	MEDIAN WEED CONTROL	72500 GAL	\$0.25	\$18,125.00	\$0.11	\$7,975.00	\$0.20	\$14,500.00	\$0.10	\$7,250.00
122	SUPPLEMENTAL WATERING FOR SOD	7 EACH	\$300.00	\$2,100.00	\$130.00	\$910.00	\$143.00	\$1,001.00	\$125.00	\$875.00
123	FURNISH AND INSTALL OBJECT MARKER, TYPE OM1-3	54 EACH	\$450.00	\$24,300.00	\$155.00	\$8,370.00	\$165.00	\$8,910.00	\$150.00	\$8,100.00
124	FURNISH AND INSTALL SIGN	2 EACH	\$250.00	\$500.00	\$258.00	\$516.00	\$275.00	\$550.00	\$250.00	\$500.00
125	REMOVE, STORE, AND REINSTALL SIGN	42 EACH	\$75.00	\$3,150.00	\$129.00	\$5,418.00	\$143.00	\$6,006.00	\$125.00	\$5,250.00
126	REMOVE SIGN AND SIGN POST	40 SF	\$75.00	\$3,000.00	\$26.00	\$1,040.00	\$33.00	\$1,320.00	\$25.00	\$1,000.00
127	TEMPORARY TRAFFIC CONTROL SIGN	60 EACH	\$100.00	\$6,000.00	\$73.00	\$4,380.00	\$77.00	\$4,620.00	\$70.00	\$4,200.00
128	VERTICAL DELINEATOR POST AND BASE, 3 FT, YELLOW	100 EACH	\$20.00	\$2,000.00	\$31.00	\$3,100.00	\$33.00	\$3,300.00	\$30.00	\$3,000.00
129	REMOVE VERTICAL DELINEATOR POST AND BASE	150 LF	\$16.00	\$2,400.00	\$16.00	\$2,400.00	\$22.00	\$3,300.00	\$15.00	\$2,250.00
130	PERFORATED SQUARE STEEL TUBE POSTS	190 CDAY	\$100.00	\$19,000.00	\$93.00	\$17,670.00	\$99.00	\$18,810.00	\$90.00	\$17,100.00
131	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	1660 LF	\$34.00	\$56,440.00	\$10.30	\$17,098.00	\$14.00	\$23,240.00	\$10.00	\$16,600.00
132	TEMPORARY BARRIER RAIL (CONCRETE)	30 EACH	\$605.00	\$18,150.00	\$605.00	\$18,150.00	\$605.00	\$18,150.00	\$605.00	\$18,150.00
133	FLAGGER	4 EACH	\$10,000.00	\$40,000.00	\$10,200.00	\$40,800.00	\$14,000.00	\$56,000.00	\$27,521.00	\$110,084.00
134	TEMPORARY TRAFFIC SIGNALIZATION	10 EACH	\$2,500.00	\$25,000.00	\$52.00	\$520.00	\$2,500.00	\$25,000.00	\$2,000.00	\$20,000.00
135	MINOR ADJUSTMENT, UTILITY MANHOLE OR HANDHOLE	1 LS	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00
136	COMPLETION INCENTIVE, LUMP SUM, NO EXCUSE	30 CDAY	\$4,000.00	\$120,000.00	\$4,000.00	\$120,000.00	\$4,000.00	\$120,000.00	\$4,000.00	\$120,000.00
137	COMPLETION INCENTIVE, CALENDAR DAY, NO EXCUSE	10 EACH	\$500.00	\$5,000.00	\$455.00	\$4,550.00	\$420.00	\$4,200.00	\$375.00	\$3,750.00
138	CHECK DEPTH OF WATER SERVICE	1 EACH	\$1,000.00	\$1,000.00	\$2,781.00	\$2,781.00	\$7,840.00	\$7,840.00	\$1,500.00	\$1,500.00
139	LOWER WATER SERVICE	1 EACH	\$2,500.00	\$2,500.00	\$2,781.00	\$2,781.00	\$8,750.00	\$8,750.00	\$3,000.00	\$3,000.00
140	LOWER WATER SERVICE WITH NEW 3/4" COPPER	1 LS	\$132,000.00	\$132,000.00	\$252,000.00	\$252,000.00	\$241,200.00	\$241,200.00	\$200,577.60	\$200,577.60
141	TRAFFIC SIGNALIZATION	1 LS	\$300,000.00	\$300,000.00	\$272,600.00	\$272,600.00	\$271,200.00	\$271,200.00	\$226,115.20	\$226,115.20
142	TRAFFIC SIGNAL INTERCONNECT	2796 CY	\$53.00	\$148,188.00	\$100.00	\$279,600.00	\$73.00	\$204,108.00	\$55.00	\$153,780.00
143	TOPSOIL, AMENDED MEDIAN SOIL	2970 LF	\$5.00	\$14,850.00	\$3.09	\$9,177.30	\$5.00	\$14,850.00	\$3.00	\$8,910.00
144	TREE PROTECTION AND TEMPORARY FENCING	5 EACH	\$350.00	\$1,750.00	\$206.00	\$1,030.00	\$210.00	\$1,050.00	\$200.00	\$1,000.00
145	TREE TRUNK PROTECTION	1 LS	\$11,000.00	\$11,000.00	\$6,386.00	\$6,386.00	\$3,500.00	\$3,500.00	\$6,200.00	\$6,200.00
146	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)	1 LS	\$100,000.00	\$100,000.00	\$93,000.00	\$93,000.00	\$79,200.00	\$79,200.00	\$90,000.00	\$90,000.00
147	LANDSCAPED MEDIAN IRRIGATION	30 EACH	\$135.00	\$4,050.00	\$135.00	\$4,050.00	\$135.00	\$4,050.00	\$135.00	\$4,050.00
148	FLAGGER, UNIFORMED POLICE OFFICER	480 LF	\$80.00	\$38,400.00	\$160.00	\$76,800.00	\$91.00	\$43,680.00	\$80.00	\$38,400.00
149	ORNAMENTAL FENCE, 48-INCH HEIGHT	1 LS	\$15,000.00	\$15,000.00	\$6,200.00	\$6,200.00	\$8,400.00	\$8,400.00	\$22,500.00	\$22,500.00
150	VIBRATION MONITORING									
	DIVISION 1, TOTAL			\$8,423,500.00		\$6,398,921.51		\$6,862,046.50		\$7,412,866.25
	DIVISION 2, TOTAL									
200	WATER MAIN, TRENCHED, DUCTILE IRON (DI), RESTRAINED JOINT, 8 IN.	95 LF	\$235.00	\$22,325.00	\$180.00	\$17,100.00	\$196.00	\$18,620.00	\$250.00	\$23,750.00
201	PREPARE EXCAVATION FOR TAPPING SLEEVE AND VALVE, 8 IN.	1 EA	\$6,000.00	\$6,000.00	\$5,150.00	\$5,150.00	\$7,000.00	\$7,000.00	\$8,500.00	\$8,500.00
202	FITTINGS BY WEIGHT, DUCTILE IRON	138 LB	\$8.50	\$1,173.00	\$15.50	\$2,139.00	\$21.00	\$2,898.00	\$12.00	\$1,656.00
203	FIRE HYDRANT ASSEMBLY	2 EA	\$7,000.00	\$14,000.00	\$8,755.00	\$17,510.00	\$6,300.00	\$12,600.00	\$6,500.00	\$13,000.00
204	FIRE HYDRANT REMOVAL	6 EA	\$3,200.00	\$19,200.00	\$1,236.00	\$7,416.00	\$4,200.00	\$25,200.00	\$3,500.00	\$21,000.00
205	32LB MAGNESIUM ANODES	4 EA	\$980.00	\$3,920.00	\$1,133.00	\$4,532.00	\$560.00	\$2,240.00	\$550.00	\$2,200.00
206	WATER MAIN CONNECTION, NIGHT WORK	1 EA	\$7,182.00	\$7,182.00	\$5,150.00	\$5,150.00	\$14,000.00	\$14,000.00	\$12,000.00	\$12,000.00
207	FOUNDATION ROCK	60 TON	\$45.00	\$2,700.00	\$41.20	\$2,472.00	\$28.00	\$1,680.00	\$22.00	\$1,320.00
	DIVISION 2, TOTAL			\$76,500.00		\$61,469.00		\$64,238.00		\$83,426.00
	TOTAL CONSTRUCTION COST (DIVISION 1 + DIVISION 2)			\$8,500,000.00		\$6,460,390.51		\$6,946,284.50		\$7,496,292.25
	PERCENT OF ENGINEER'S ESTIMATE					-24.00%		-18.28%		-11.81%
						Low				

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DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 06-2019-013
IDOT Project No: N/A
Bid Date: 01/26/2021

TABULATED BY: B. Lewis APPROVED BY: _____

CHECKED BY: Brett Lewis

CONTRACTOR'S BID TABULATION
PROJECT: FLEUR DRIVE RECONSTRUCTION, SOUTHBOUND LANES, FROM GEORGE FLAGG
PARKWAY TO WATROUS AVENUE ESTIMATE

OMG Midwest, Inc. dba
Des Moines Asphalt & Paving
Ankeny, IA

Jasper Construction
Services, Inc.
Newton, IA

CJ Moyna & Sons, LLC and
Progressive Structures, LLC
as Joint Venture
Elkader, IA

BID SECURITY
10% Bid Bond

BID SECURITY
10% Bid Bond

BID SECURITY
10% Bid Bond

BID PRICE

BID PRICE

BID PRICE

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE		AMOUNT		UNIT PRICE		AMOUNT		UNIT PRICE		AMOUNT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT		
DIVISION 1: FLEUR DR. RECONSTRUCTION (CITY OF DES MOINES)														
1	CLEARING & GRUBBING	349.4 UNIT	\$60.00	\$20,964.00	\$60.00	\$20,964.00	\$100.00	\$34,940.00	\$150.00	\$52,410.00				
2	ON-SITE TOPSOIL	681 CY	\$50.00	\$34,050.00	\$17.00	\$11,577.00	\$45.00	\$30,645.00	\$27.70	\$18,863.70				
3	OFF-SITE TOPSOIL	1465 CY	\$55.00	\$80,575.00	\$33.00	\$48,345.00	\$65.00	\$95,225.00	\$51.10	\$74,861.50				
4	EXCAVATION, CLASS 10	8771 CY	\$30.00	\$263,130.00	\$22.00	\$192,962.00	\$25.00	\$219,275.00	\$50.50	\$442,935.50				
5	EXCAVATION, CLASS 13, WASTE	784 CY	\$38.00	\$29,792.00	\$22.00	\$17,248.00	\$35.00	\$27,440.00	\$79.20	\$62,092.80				
6	BELOW GRADE EXCAVATION (CORE OUT)	750 CY	\$75.00	\$56,250.00	\$83.00	\$62,250.00	\$15.00	\$11,250.00	\$98.30	\$73,725.00				
7	SUBGRADE PREPARATION	24611 SY	\$5.00	\$123,055.00	\$2.25	\$55,374.75	\$8.00	\$196,888.00	\$7.40	\$182,121.40				
8	SUBGRADE TREATMENT, POLYMER GRID	24611 SY	\$7.00	\$172,277.00	\$2.75	\$67,680.25	\$2.00	\$49,222.00	\$6.00	\$147,666.00				
9	SUBGRADE TREATMENT, 10% FLY ASH, 12-INCH DEPTH	2940 SY	\$40.00	\$117,600.00	\$50.75	\$149,205.00	\$12.00	\$35,280.00	\$16.20	\$47,628.00				
10	ENGINEERING FABRIC	10181 SY	\$3.00	\$30,543.00	\$2.75	\$27,997.75	\$5.00	\$50,905.00	\$9.00	\$91,629.00				
11	MODIFIED SUBBASE, 6-INCH DEPTH	544 SY	\$16.00	\$8,704.00	\$10.50	\$5,712.00	\$18.00	\$9,792.00	\$28.60	\$15,558.40				
12	MODIFIED SUBBASE, 12-INCH DEPTH	24611 SY	\$23.00	\$566,053.00	\$17.25	\$424,539.75	\$26.00	\$639,886.00	\$30.40	\$748,174.40				
13	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	850 TON	\$42.00	\$35,700.00	\$38.75	\$32,937.50	\$25.00	\$21,250.00	\$42.00	\$35,700.00				
14	STORM SEWER, TRENCHED, RCP, 2000D (CLASS III), 12 IN.	37 LF	\$175.00	\$6,475.00	\$132.50	\$4,902.50	\$120.00	\$4,440.00	\$128.00	\$4,736.00				
15	STORM SEWER, TRENCHED, RCP, 2000D (CLASS III), 15 IN.	129 LF	\$185.00	\$23,865.00	\$176.75	\$22,800.75	\$124.00	\$15,996.00	\$130.00	\$16,770.00				
16	STORM SEWER, TRENCHED, POLYPROPYLENE (PP), 15 IN.	31 LF	\$185.00	\$5,735.00	\$150.00	\$4,650.00	\$79.00	\$2,449.00	\$124.00	\$3,844.00				
17	STORM SEWER, TRENCHED, RCP 2000D (CLASS III) OR PP, 15 IN.	906 LF	\$185.00	\$167,610.00	\$133.00	\$120,498.00	\$76.00	\$68,856.00	\$124.00	\$112,344.00				
18	STORM SEWER, TRENCHED, RCP 3000D (CLASS IV), 12 IN.	21 LF	\$185.00	\$3,885.00	\$133.00	\$2,793.00	\$134.00	\$2,814.00	\$128.00	\$2,688.00				
19	STORM SEWER, TRENCHED, RCP 3000D (CLASS IV), 15 IN.	444 LF	\$200.00	\$88,800.00	\$138.00	\$61,272.00	\$124.00	\$55,056.00	\$132.00	\$58,608.00				
20	REMOVAL OF STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	257 LF	\$22.00	\$5,654.00	\$39.00	\$10,023.00	\$15.00	\$3,855.00	\$24.00	\$6,168.00				
21	STORM SEWER ABANDONMENT, FILL AND PLUG, 15 IN.	50 LF	\$75.00	\$3,750.00	\$50.00	\$2,500.00	\$15.00	\$750.00	\$72.00	\$3,600.00				
22	SUBDRAIN, HDPE, LONGITUDINAL, PERFORATED, 6 IN.	6815 LF	\$25.00	\$170,375.00	\$20.00	\$136,300.00	\$16.00	\$109,040.00	\$22.00	\$50,842.00				
23	SUBDRAIN, HDPE, MEDIAN, PERFORATED, 4 IN.	2311 LF	\$22.00	\$50,842.00	\$18.00	\$41,598.00	\$17.00	\$39,287.00	\$22.00	\$50,842.00				
24	FOOTING DRAIN COLLECTOR, HDPE, PERFORATED, 6 IN.	100 LF	\$22.00	\$2,200.00	\$19.00	\$1,900.00	\$25.00	\$2,500.00	\$26.00	\$2,600.00				
25	SUBDRAIN OUTLETS AND CONNECTIONS, 8-INCH CMP	22 EACH	\$525.00	\$11,550.00	\$221.00	\$4,862.00	\$300.00	\$6,600.00	\$400.00	\$8,800.00				
26	SUBDRAIN OUTLETS AND CONNECTIONS, INSERTA TEE	9 EACH	\$550.00	\$4,950.00	\$332.00	\$2,988.00	\$430.00	\$3,870.00	\$366.00	\$3,294.00				
27	SANITARY SEWER SPOT REPAIR BY PIPE REPLACEMENT	2 EACH	\$7,000.00	\$14,000.00	\$6,075.00	\$12,150.00	\$10,000.00	\$20,000.00	\$10,500.00	\$21,000.00				
28	MANHOLE, SW-401, 48 IN.	2 EACH	\$5,000.00	\$10,000.00	\$3,875.00	\$7,750.00	\$7,500.00	\$15,000.00	\$4,800.00	\$9,600.00				
29	INTAKE, SW-501	3 EACH	\$5,200.00	\$15,600.00	\$6,075.00	\$18,225.00	\$7,500.00	\$22,500.00	\$8,900.00	\$26,700.00				
30	INTAKE, SW-505	18 EACH	\$7,500.00	\$135,000.00	\$7,750.00	\$139,500.00	\$9,500.00	\$171,000.00	\$10,000.00	\$180,000.00				
31	INTAKE, SW-507	4 EACH	\$10,000.00	\$40,000.00	\$8,300.00	\$33,200.00	\$11,500.00	\$46,000.00	\$11,500.00	\$46,000.00				
32	MANHOLE ADJUSTMENT, MINOR	2 EACH	\$2,000.00	\$4,000.00	\$1,775.00	\$3,550.00	\$2,500.00	\$5,000.00	\$3,800.00	\$7,600.00				
33	INTAKE ADJUSTMENT, MINOR	1 EACH	\$3,500.00	\$3,500.00	\$1,675.00	\$1,675.00	\$1,750.00	\$1,750.00	\$5,400.00	\$5,400.00				
34	MANHOLE ADJUSTMENT, MAJOR	8 EACH	\$5,200.00	\$41,600.00	\$5,000.00	\$40,000.00	\$3,000.00	\$24,000.00	\$5,400.00	\$43,200.00				
35	REMOVE MANHOLE	2 EACH	\$1,000.00	\$2,000.00	\$1,325.00	\$2,650.00	\$1,000.00	\$2,000.00	\$720.00	\$1,440.00				
36	REMOVE INTAKE	15 EACH	\$1,000.00	\$15,000.00	\$1,325.00	\$19,875.00	\$2,000.00	\$30,000.00	\$720.00	\$10,800.00				
37	PAVEMENT, PCC, CLASS C, CLASS 3 DURABILITY, 8-INCH	648 SY	\$70.00	\$45,360.00	\$62.00	\$40,176.00	\$80.00	\$51,840.00	\$94.00	\$60,912.00				
38	CURB AND GUTTER, 1.5 FT WIDTH, 10-INCH THICKNESS	6564 LF	\$36.00	\$236,304.00	\$37.00	\$242,868.00	\$30.00	\$196,920.00	\$30.00	\$196,920.00				
39	CURB AND GUTTER, 2.0 FT WIDTH, 7-INCH THICKNESS	637 LF	\$34.00	\$21,658.00	\$33.00	\$21,021.00	\$32.00	\$20,384.00	\$26.00	\$16,562.00				
40	RAISED MEDIAN CURB, TYPE 'A'	1066 LF	\$46.00	\$49,036.00	\$47.00	\$50,102.00	\$45.00	\$47,970.00	\$22.00	\$23,452.00				
41	CONCRETE MEDIAN, TYPE A	42 SY	\$160.00	\$6,720.00	\$160.00	\$6,720.00	\$150.00	\$6,300.00	\$118.00	\$4,956.00				
42	CONCRETE MEDIAN, TYPE B	581 SY	\$160.00	\$92,960.00	\$166.00	\$96,446.00	\$150.00	\$87,150.00	\$118.00	\$68,558.00				
43	COLOR MEDIAN BAND, 5-INCH PCC, REMOVE AND REPLACE	177 SY	\$105.00	\$18,585.00	\$100.00	\$17,700.00	\$135.00	\$23,895.00	\$150.00	\$26,550.00				
44	PAVEMENT, HMA, HIGH TRF (HT), BASE COURSE, 3/4 IN. MIX, PG 58-28S, 4-INCH THICKNESS	20648 SY	\$25.00	\$516,200.00	\$18.00	\$371,664.00	\$16.25	\$335,530.00	\$14.75	\$304,558.00				
45	PAVEMENT, HMA, HIGH TRF (HT), INTERMEDIATE COURSE, 1/2 IN. MIX, PG 58-28H, 4-INCH THICKNESS	20648 SY	\$26.00	\$536,848.00	\$18.00	\$371,664.00	\$16.25	\$335,530.00	\$8.80	\$182,107.20				
46	PAVEMENT, HMA, HIGH TRF (HT), SURFACE COURSE, 1/2 IN. MIX, PG 58-28H, 2-INCH THICKNESS	20694 SY	\$13.00	\$269,022.00	\$9.00	\$186,246.00	\$9.50	\$196,593.00	\$76.00	\$1,571.60				
47	PAVEMENT, HMA, STD TRF (ST), BASE COURSE, 3/4 IN. MIX, PG 58-28S	141 TON	\$110.00	\$15,510.00	\$125.00	\$17,625.00	\$90.00	\$12,690.00	\$78.00	\$10,716.00				
48	PAVEMENT, HMA, STD TRF (ST), SURFACE COURSE, 1/2 IN. MIX, PG 58-28S	106 TON	\$110.00	\$11,660.00	\$158.00	\$16,748.00	\$92.00	\$9,752.00	\$13.00	\$52,143.00				
49	PAVEMENT, HMA, STD TRF (ST), SURFACE COURSE, 1/2 IN. MIX, PG 58-28H, 3-INCH THICKNESS	4011 SY	\$20.00	\$80,220.00	\$16.00	\$64,176.00	\$14.50	\$58,159.50	\$1.00	\$0.00				
50	HMA OVERLAY, HIGH TRF (HT), SURFACE COURSE, 1/2 IN. MIX, PG 58-28H, 3-INCH THICKNESS	0 EACH	-\$1.00	\$0.00	-\$1.00	\$0.00	-\$1.00	\$0.00	-\$1.00	\$0.00				
51	HMA PAVEMENT DENSITY DEFICIENCY	0 EACH	-\$1.00	\$0.00	-\$1.00	\$0.00	-\$1.00	\$0.00	-\$1.00	\$0.00				
52	HMA PAVEMENT THICKNESS DEFICIENCY	0 EACH	-\$1.00	\$0.00	-\$1.00	\$0.00	-\$1.00	\$0.00	-\$1.00	\$0.00				
53	HMA PAVEMENT SMOOTHNESS DEFICIENCY	1 LS	\$20,000.00	\$20,000.00	\$7,500.00	\$7,500.00	\$10,000.00	\$10,000.00	\$3,750.00	\$3,750.00				

ITEM	DESCRIPTION	UNIT			UNIT			UNIT		UNIT	
		QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	
		277 SY	\$14.00	\$3,878.00	\$7.50	\$2,077.50	\$20.00	\$5,540.00	\$19.80	\$5,484.60	
54	REMOVAL OF SIDEWALKS	2669 SY	\$12.00	\$32,028.00	\$7.50	\$20,017.50	\$20.00	\$53,380.00	\$22.90	\$61,120.10	
55	REMOVAL OF DRIVEWAYS	3390 SY	\$50.00	\$169,500.00	\$50.00	\$169,500.00	\$70.00	\$237,300.00	\$52.00	\$176,280.00	
56	SIDEWALK, PCC, 5 IN.	278 SY	\$90.00	\$25,020.00	\$73.00	\$20,294.00	\$80.00	\$22,240.00	\$60.00	\$16,680.00	
57	SIDEWALK, PCC, 6 IN.	40 SY	\$90.00	\$3,600.00	\$73.00	\$2,920.00	\$100.00	\$4,000.00	\$66.00	\$2,640.00	
58	SIDEWALK, PCC, 6 IN. CLASS A	125 SF	\$35.00	\$4,375.00	\$31.00	\$3,875.00	\$30.00	\$3,750.00	\$32.00	\$4,000.00	
59	BRICK PAVERS, MEDIAN	260 SF	\$55.00	\$14,300.00	\$50.00	\$13,000.00	\$55.00	\$14,300.00	\$30.00	\$7,800.00	
60	DETECTABLE WARNING	1249 SY	\$60.00	\$74,940.00	\$65.00	\$81,185.00	\$80.00	\$99,920.00	\$46.00	\$57,454.00	
61	DRIVEWAY, PAVED, PCC, 6 IN.	504 SY	\$65.00	\$32,760.00	\$70.00	\$35,280.00	\$82.00	\$41,328.00	\$54.00	\$27,216.00	
62	DRIVEWAY, PAVED, PCC, 7 IN.	446 SY	\$330.00	\$147,180.00	\$279.00	\$124,434.00	\$214.50	\$95,667.00	\$112.00	\$49,952.00	
63	FULL-DEPTH PATCHES	125 TON	\$120.00	\$15,000.00	\$56.00	\$7,000.00	\$50.00	\$6,250.00	\$67.00	\$8,375.00	
64	SUBBASE OVER-EXCAVATION FOR PATCHING	4011 SY	\$11.00	\$44,121.00	\$6.15	\$24,667.65	\$6.00	\$24,066.00	\$3.00	\$12,033.00	
65	MILLING	23071 SY	\$20.00	\$461,420.00	\$15.00	\$346,065.00	\$20.00	\$461,420.00	\$31.40	\$724,429.40	
66	PAVEMENT REMOVAL	290 SY	\$32.00	\$9,280.00	\$67.00	\$19,430.00	\$20.00	\$5,800.00	\$28.20	\$8,178.00	
67	MEDIAN REMOVAL	1066 LF	\$12.00	\$12,792.00	\$8.33	\$8,879.78	\$15.00	\$15,990.00	\$12.00	\$12,792.00	
68	REMOVAL OF RAISED MEDIAN CURB	193 STA	\$16.00	\$3,088.00	\$30.00	\$5,790.00	\$27.00	\$5,211.00	\$27.00	\$5,211.00	
69	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	45 STA	\$120.00	\$5,400.00	\$188.00	\$8,460.00	\$170.00	\$7,650.00	\$170.00	\$7,650.00	
70	PAINTED PAVEMENT MARKINGS, DURABLE	37 STA	\$475.00	\$17,575.00	\$553.00	\$20,461.00	\$500.00	\$18,500.00	\$500.00	\$18,500.00	
71	PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING MATERIAL, INLAY	32 STA	\$475.00	\$15,200.00	\$553.00	\$17,696.00	\$500.00	\$16,000.00	\$500.00	\$16,000.00	
72	PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING MATERIAL, GROOVED	90 STA	\$185.00	\$16,650.00	\$145.00	\$13,050.00	\$130.00	\$11,700.00	\$130.00	\$11,700.00	
73	WET, RETROREFLECTIVE REMOVABLE TAPE MARKINGS	19 EACH	\$425.00	\$8,075.00	\$331.00	\$6,289.00	\$300.00	\$5,700.00	\$300.00	\$5,700.00	
74	REMOVABLE SYMBOLS & LEGENDS, TEMPORARY TAPE	21 EACH	\$150.00	\$3,150.00	\$111.00	\$2,331.00	\$100.00	\$2,100.00	\$100.00	\$2,100.00	
75	PAINTED SYMBOLS & LEGENDS, WATERBORNE	18 EACH	\$260.00	\$4,680.00	\$332.00	\$5,976.00	\$300.00	\$5,400.00	\$300.00	\$5,400.00	
76	PAINTED SYMBOLS & LEGENDS, DURABLE	150 STA	\$100.00	\$15,000.00	\$45.00	\$6,750.00	\$40.00	\$6,000.00	\$40.00	\$6,000.00	
77	PAVEMENT MARKINGS REMOVED	25 EACH	\$200.00	\$5,000.00	\$111.00	\$2,775.00	\$100.00	\$2,500.00	\$100.00	\$2,500.00	
78	SYMBOLS & LEGENDS REMOVED	77 STA	\$100.00	\$7,700.00	\$78.00	\$6,006.00	\$70.00	\$5,390.00	\$70.00	\$5,390.00	
79	GROOVES CUT FOR PAVEMENT MARKINGS	18 EACH	\$200.00	\$3,600.00	\$195.00	\$3,510.00	\$175.00	\$3,150.00	\$175.00	\$3,150.00	
80	GROOVES CUT FOR SYMBOLS AND LEGENDS	1 LS	\$85,000.00	\$85,000.00	\$68,000.00	\$68,000.00	\$125,000.00	\$125,000.00	\$92,000.00	\$92,000.00	
81	TEMPORARY TRAFFIC CONTROL	34 EACH	\$200.00	\$6,800.00	\$166.00	\$5,644.00	\$250.00	\$8,500.00	\$150.00	\$5,100.00	
82	SAFETY CLOSURE	0.75 ACRE	\$2,500.00	\$1,875.00	\$3,100.00	\$2,325.00	\$1,500.00	\$1,125.00	\$2,750.00	\$2,062.50	
83	CONVENTIONAL SEEDING, TYPE 1	1.7 ACRE	\$4,500.00	\$7,650.00	\$3,150.00	\$5,355.00	\$2,800.00	\$4,760.00	\$2,850.00	\$4,845.00	
84	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	725 SQ	\$110.00	\$79,750.00	\$72.00	\$52,200.00	\$65.00	\$47,125.00	\$65.00	\$47,125.00	
85	SODDING	7300 LF	\$3.00	\$21,900.00	\$1.75	\$12,775.00	\$1.75	\$12,775.00	\$1.50	\$10,950.00	
86	FILTER SOCK, 9 IN. DIA.	7300 LF	\$1.00	\$7,300.00	\$0.30	\$2,190.00	\$0.25	\$1,825.00	\$0.25	\$1,825.00	
87	FILTER SOCK, REMOVAL	2400 SY	\$4.00	\$9,600.00	\$2.00	\$4,800.00	\$1.75	\$4,200.00	\$1.80	\$4,320.00	
88	TEMPORARY RECP, WOOD EXCELSIOR	2300 LF	\$4.00	\$9,200.00	\$1.75	\$4,025.00	\$1.75	\$4,025.00	\$1.50	\$3,450.00	
89	SILT FENCE OR SILT FENCE DITCH CHECK	4600 LF	\$2.00	\$9,200.00	\$0.10	\$460.00	\$0.10	\$460.00	\$0.05	\$230.00	
90	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT	2300 LF	\$1.00	\$2,300.00	\$0.10	\$230.00	\$0.10	\$230.00	\$0.05	\$115.00	
91	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	3 ACRE	\$3,000.00	\$9,000.00	\$1,500.00	\$4,500.00	\$1,800.00	\$5,400.00	\$1,350.00	\$4,050.00	
92	EROSION CONTROL MULCHING, HYDROMULCHING	30 EACH	\$250.00	\$7,500.00	\$177.00	\$5,310.00	\$200.00	\$6,000.00	\$160.00	\$4,800.00	
93	INLET PROTECTION DEVICE, SEDIMENT FILTER BAG	60 EACH	\$30.00	\$1,800.00	\$28.00	\$1,680.00	\$20.00	\$1,200.00	\$25.00	\$1,500.00	
94	INLET PROTECTION DEVICE, MAINTENANCE	4238 SF	\$36.00	\$152,568.00	\$33.00	\$139,854.00	\$35.00	\$148,330.00	\$31.50	\$133,497.00	
95	MODULAR BLOCK RETAINING WALL	50 SF	\$82.00	\$4,100.00	\$80.00	\$4,000.00	\$75.00	\$3,750.00	\$78.50	\$3,925.00	
96	LIMESTONE RETAINING WALL	5111 SF	\$55.00	\$281,105.00	\$46.00	\$235,106.00	\$50.00	\$255,550.00	\$46.80	\$239,194.80	
97	SEGMENTAL BLOCK RETAINING WALL	1134 TON	\$65.00	\$73,710.00	\$48.00	\$54,432.00	\$43.00	\$48,762.00	\$46.20	\$52,390.80	
98	GRANULAR BACKFILL FOR SEGMENTAL BLOCK RETAINING WALL	141 SF	\$65.00	\$9,165.00	\$88.00	\$12,408.00	\$80.00	\$11,280.00	\$50.00	\$7,050.00	
99	CONCRETE STEPS, TYPE B	48 LF	\$150.00	\$7,200.00	\$221.00	\$10,608.00	\$150.00	\$7,200.00	\$120.00	\$5,760.00	
100	HANDRAIL, GALVANIZED STEEL PIPE, BLACK POWDER COATED	1 LS	\$699,023.00	\$699,023.00	\$800,000.00	\$800,000.00	\$750,000.00	\$750,000.00	\$630,000.00	\$630,000.00	
101	MOBILIZATION	1 LS	\$8,500.00	\$8,500.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$28,000.00	\$28,000.00	
102	MAINTENANCE OF POSTAL SERVICE	1 LS	\$14,000.00	\$14,000.00	\$46,000.00	\$46,000.00	\$30,000.00	\$30,000.00	\$28,000.00	\$28,000.00	
103	MAINTENANCE OF SOILD WASTE COLLECTION	1 LS	\$15,000.00	\$15,000.00	\$11,100.00	\$11,100.00	\$29,000.00	\$29,000.00	\$15,000.00	\$15,000.00	
104	CONCRETE WASHOUT	2500 SY	\$1.00	\$2,500.00	\$1.00	\$2,500.00	\$1.00	\$2,500.00	\$1.00	\$2,500.00	
105	COLD WEATHER PROTECTION FOR CONCRETE	550 SY	\$70.00	\$38,500.00	\$61.00	\$33,550.00	\$60.00	\$33,000.00	\$64.00	\$35,200.00	
106	TEMPORARY PAVEMENT	1200 TON	\$35.00	\$42,000.00	\$28.00	\$33,600.00	\$40.00	\$48,000.00	\$32.00	\$38,400.00	
107	TEMPORARY GRANULAR MATERIAL	25 TON	\$50.00	\$1,250.00	\$164.00	\$4,100.00	\$50.00	\$1,250.00	\$66.00	\$1,650.00	
108	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	500 LF	\$4.00	\$2,000.00	\$5.00	\$2,500.00	\$6.00	\$3,000.00	\$6.00	\$3,000.00	
109	PCC FILL MATERIAL	820 LF	\$4.00	\$3,280.00	\$3.00	\$2,460.00	\$3.50	\$2,870.00	\$2.00	\$1,640.00	
110	SEAL PCC DRIVEWAY JOINTS	1 LS	\$25,000.00	\$25,000.00	\$5,600.00	\$5,600.00	\$15,000.00	\$15,000.00	\$24,000.00	\$24,000.00	
111	VIDEO INSPECTION FOR SEWER PIPES	1 LS	\$15,000.00	\$15,000.00	\$33,500.00	\$33,500.00	\$26,000.00	\$26,000.00	\$30,000.00	\$30,000.00	
112	REMOVALS	2435 SF	\$12.00	\$29,220.00	\$9.00	\$21,915.00	\$5.00	\$12,175.00	\$14.00	\$34,090.00	
113	REMOVE RETAINING WALL	50 LF	\$100.00	\$5,000.00	\$28.00	\$1,400.00	\$21.00	\$1,050.00	\$36.00	\$1,800.00	
114	REMOVE ABANDONED WATER MAIN	931 CY	\$12.00	\$11,172.00	\$28.00	\$26,068.00	\$40.00	\$37,240.00	\$72.00	\$67,032.00	
115	MEDIAN EXCAVATION, REMOVE AMENDED SOIL AND PLANTS	14 EACH	\$550.00	\$7,700.00	\$305.00	\$4,270.00	\$400.00	\$5,600.00	\$500.00	\$7,000.00	
116	CORE MEDIAN WALL OR FOOTING	18 LF	\$500.00	\$9,000.00	\$222.00	\$3,996.00	\$750.00	\$13,500.00	\$560.00	\$10,080.00	
117	COLOR CONCRETE MEDIAN WALL	10 LF	\$125.00	\$1,250.00	\$89.00	\$890.00	\$300.00	\$3,000.00	\$155.00	\$1,550.00	
118	COLOR CONCRETE MEDIAN CURB	1 LS	\$5,000.00	\$5,000.00	\$5,600.00	\$5,600.00	\$6,000.00	\$6,000.00	\$15,000.00	\$15,000.00	
119	TREE TRIMMING	14 ACRE	\$500.00	\$7,000.00	\$300.00	\$4,200.00	\$100.00	\$1,400.00	\$250.00	\$3,500.00	
120	MOWING										

ITEM	DESCRIPTION	UNIT			UNIT			UNIT			UNIT		
		QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	
121	MEDIAN WEED CONTROL	55 EACH	\$200.00	\$11,000.00	\$125.00	\$6,875.00	\$200.00	\$11,000.00	\$100.00	\$5,500.00			
122	SUPPLEMENTAL WATERING FOR SOD	72500 GAL	\$0.25	\$18,125.00	\$0.11	\$7,975.00	\$0.01	\$725.00	\$0.10	\$7,250.00			
123	FURNISH AND INSTALL OBJECT MARKER, TYPE OM1-3	7 EACH	\$300.00	\$2,100.00	\$139.00	\$973.00	\$125.00	\$875.00	\$125.00	\$875.00			
124	FURNISH AND INSTALL SIGN	54 EACH	\$450.00	\$24,300.00	\$166.00	\$8,964.00	\$150.00	\$8,100.00	\$150.00	\$8,100.00			
125	REMOVE, STORE, AND REINSTALL SIGN	2 EACH	\$250.00	\$500.00	\$278.00	\$556.00	\$250.00	\$500.00	\$250.00	\$500.00			
126	REMOVE SIGN AND SIGN POST	42 EACH	\$75.00	\$3,150.00	\$139.00	\$5,838.00	\$125.00	\$5,250.00	\$125.00	\$5,250.00			
127	TEMPORARY TRAFFIC CONTROL SIGN	40 SF	\$75.00	\$3,000.00	\$28.00	\$1,120.00	\$25.00	\$1,000.00	\$25.00	\$1,000.00			
128	VERTICAL DELINEATOR POST AND BASE, 3 FT, YELLOW	60 EACH	\$100.00	\$6,000.00	\$78.00	\$4,680.00	\$70.00	\$4,200.00	\$70.00	\$4,200.00			
129	REMOVE VERTICAL DELINEATOR POST AND BASE	100 EACH	\$20.00	\$2,000.00	\$34.00	\$3,400.00	\$30.00	\$3,000.00	\$30.00	\$3,000.00			
130	PERFORATED SQUARE STEEL TUBE POSTS	150 LF	\$16.00	\$2,400.00	\$17.00	\$2,550.00	\$15.00	\$2,250.00	\$15.00	\$2,250.00			
131	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	190 CDAY	\$100.00	\$19,000.00	\$100.00	\$19,000.00	\$100.00	\$19,000.00	\$90.00	\$17,100.00			
132	TEMPORARY BARRIER RAIL (CONCRETE)	1660 LF	\$34.00	\$56,440.00	\$12.00	\$19,920.00	\$15.00	\$24,900.00	\$10.00	\$16,600.00			
133	FLAGGER	30 EACH	\$605.00	\$18,150.00	\$605.00	\$18,150.00	\$605.00	\$18,150.00	\$605.00	\$18,150.00			
134	TEMPORARY TRAFFIC SIGNALIZATION	4 EACH	\$10,000.00	\$40,000.00	\$12,000.00	\$48,000.00	\$27,500.00	\$110,000.00	\$11,000.00	\$44,000.00			
135	MINOR ADJUSTMENT, UTILITY MANHOLE OR HANDHOLE	10 EACH	\$2,500.00	\$25,000.00	\$3,000.00	\$30,000.00	\$1,200.00	\$12,000.00	\$1,200.00	\$12,000.00			
136	COMPLETION INCENTIVE, LUMP SUM, NO EXCUSE	1 LS	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00			
137	COMPLETION INCENTIVE, CALENDAR DAY, NO EXCUSE	30 CDAY	\$4,000.00	\$120,000.00	\$4,000.00	\$120,000.00	\$4,000.00	\$120,000.00	\$4,000.00	\$120,000.00			
138	CHECK DEPTH OF WATER SERVICE	10 EACH	\$500.00	\$5,000.00	\$500.00	\$5,000.00	\$50.00	\$500.00	\$500.00	\$5,000.00			
139	LOWER WATER SERVICE	1 EACH	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$7,000.00			
140	LOWER WATER SERVICE WITH NEW 3/4" COPPER	1 EACH	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$7,000.00			
141	TRAFFIC SIGNALIZATION	1 LS	\$132,000.00	\$132,000.00	\$275,000.00	\$275,000.00	\$285,000.00	\$285,000.00	\$256,000.00	\$256,000.00			
142	TRAFFIC SIGNAL INTERCONNECT	1 LS	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$305,000.00	\$305,000.00	\$278,000.00	\$278,000.00			
143	TOPSOIL, AMENDED MEDIAN SOIL	2796 CY	\$53.00	\$148,188.00	\$125.00	\$349,500.00	\$75.00	\$209,700.00	\$88.00	\$246,048.00			
144	TREE PROTECTION AND TEMPORARY FENCING	2970 LF	\$5.00	\$14,850.00	\$3.50	\$10,395.00	\$2.50	\$7,425.00	\$3.00	\$8,910.00			
145	TREE TRUNK PROTECTION	5 EACH	\$350.00	\$1,750.00	\$225.00	\$1,125.00	\$250.00	\$1,250.00	\$200.00	\$1,000.00			
146	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)	1 LS	\$11,000.00	\$11,000.00	\$6,900.00	\$6,900.00	\$20,000.00	\$20,000.00	\$6,200.00	\$6,200.00			
147	LANDSCAPED MEDIAN IRRIGATION	1 LS	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$120,000.00	\$120,000.00	\$72,000.00	\$72,000.00			
148	FLAGGER, UNIFORMED POLICE OFFICER	30 EACH	\$135.00	\$4,050.00	\$135.00	\$4,050.00	\$135.00	\$4,050.00	\$135.00	\$4,050.00			
149	ORNAMENTAL FENCE, 48-INCH HEIGHT	480 LF	\$80.00	\$38,400.00	\$132.00	\$63,360.00	\$75.00	\$36,000.00	\$68.00	\$32,640.00			
150	VIBRATION MONITORING	1 LS	\$15,000.00	\$15,000.00	\$17,000.00	\$17,000.00	\$20,000.00	\$20,000.00	\$12,000.00	\$12,000.00			
DIVISION 1, TOTAL				\$8,423,500.00		\$7,566,312.68		\$7,876,521.50		\$8,240,998.10			
DIVISION 2, TOTAL													
200	WATER MAIN, TRENCHED, DUCTILE IRON (DI), RESTRAINED JOINT, 8 IN.	95 LF	\$235.00	\$22,325.00	\$195.00	\$18,525.00	\$100.00	\$9,500.00	\$300.00	\$28,500.00			
201	PREPARE EXCAVATION FOR TAPPING SLEEVE AND VALVE, 8 IN.	1 EA	\$6,000.00	\$6,000.00	\$5,600.00	\$5,600.00	\$20,000.00	\$20,000.00	\$5,600.00	\$5,600.00			
202	FITTINGS BY WEIGHT, DUCTILE IRON	138 LB	\$8.50	\$1,173.00	\$17.00	\$2,346.00	\$3.50	\$483.00	\$15.00	\$2,070.00			
203	FIRE HYDRANT ASSEMBLY	2 EA	\$7,000.00	\$14,000.00	\$9,500.00	\$19,000.00	\$3,000.00	\$6,000.00	\$8,000.00	\$16,000.00			
204	FIRE HYDRANT REMOVAL	6 EA	\$3,200.00	\$19,200.00	\$1,500.00	\$9,000.00	\$600.00	\$3,600.00	\$4,400.00	\$26,400.00			
205	32LB MAGNESIUM ANODES	4 EA	\$980.00	\$3,920.00	\$1,215.00	\$4,860.00	\$500.00	\$2,000.00	\$1,300.00	\$5,200.00			
206	WATER MAIN CONNECTION, NIGHT WORK	1 EA	\$7,182.00	\$7,182.00	\$5,575.00	\$5,575.00	\$15,000.00	\$15,000.00	\$10,200.00	\$10,200.00			
207	FOUNDATION ROCK	60 TON	\$45.00	\$2,700.00	\$45.00	\$2,700.00	\$10.00	\$600.00	\$54.00	\$3,240.00			
DIVISION 2, TOTAL				\$76,500.00		\$67,606.00		\$57,183.00		\$97,210.00			
TOTAL CONSTRUCTION COST (DIVISION 1 + DIVISION 2)				\$8,500,000.00		\$7,633,918.68		\$7,933,704.50		\$8,338,208.10			
PERCENT OF ENGINEER'S ESTIMATE						-10.19%		-6.66%		-1.90%			