

DATE July 25, 2016

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON PIONEER PARK ROAD RECONSTRUCTION; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS ELDER CORPORATION, JARED R. ELDER II, PRESIDENT, \$622,000.00

WHEREAS, on June 27, 2016, under Roll Call No. 16-1018, 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:

Pioneer Park Road Reconstruction, 11-2016-010

The improvement includes reconstruction of Pioneer Park Road and parking area along the road including pavement removal, storm sewer, grading, Portland Concrete Cement (P.C.C.) curb and gutter, Hot Mix Asphalt (H.M.A.) paving, sidewalks, picnic tables, grills, landscaping, and erosion control; all in accordance with the contract documents including Plan File Nos. 574-015/059 at Pioneer Park, 1602 Pioneer Road, Des Moines, Iowa

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

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

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

★ **Roll Call Number**

Agenda Item Number

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DATE July 25, 2016

Elder Corporation	Des Moines, IA
Kingston Services, LLC	Des Moines, IA
Corell Contractor, Inc.	West Des Moines, IA
T K Concrete Inc.	Pella, IA
Grimes Asphalt and Paving Corporation	Des Moines, IA
Hawkeye Paving Corporation	Bettendorf, IA
OMG Midwest, Inc. d/b/a Des Moines Asphalt & Paving	Des Moines, IA

which were received and opened at a public meeting presided over by the Engineer in the Shijiazhuang Room, 2nd Floor, City Administration Building, 400 E. Court Avenue, Des Moines, Iowa at 11:00 a.m. on July 12, 2016. 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 Elder Corporation, Jared R. Elder II, President, 5088 E. University Avenue, Des Moines, IA, 50327 in the amount of \$622,000.00, and said bid be and the same is hereby accepted.

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

★ **Roll Call Number**

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DATE July 25, 2016

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

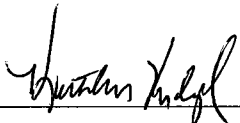
BE IT FURTHER RESOLVED: That the City Council hereby authorizes the necessary road closures for the Project.

(City Council Communication Number 16-417 attached.)


Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE



 Kathleen Vanderpool
 Deputy City Attorney



 Daniel E. Ritter
 Des Moines Finance Director

~~AE~~ Funding Source: 2016-2017 CIP, Page Park – 13, Road, Sidewalk, and Utility Improvements – Parks, PK175, Being: \$500,000 G.O. Bonds to be issued, with a transfer of \$122,000 from PK143 – Park Building Improvements.

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

MOTION CARRIED APPROVED

 Mayor

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

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

 City Clerk

TABULATED BY: M. BECKER
CHECKED BY: LAN

APPROVED BY: R. DeGroot

BID DATE: 07/12/2016

CONTRACTOR'S BID TABULATION
PROJECT: PIONEER PARK ROAD RECONSTRUCTION

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT		ELDER CORPORATION DES MOINES, IA		KINGSTON SERVICES DES MOINES, IA		CORELL CONTRACTOR INC. WEST DES MOINES, IA	
			PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	TOPSOIL, ON - SITE	220 CY	\$20.00	\$4,400.00	\$24.00	\$5,280.00	\$12.00	\$2,640.00	\$23.00	\$5,060.00
2	TOPSOIL, OFF - SITE	260 CY	\$60.00	\$15,600.00	\$24.00	\$6,240.00	\$30.00	\$7,800.00	\$20.50	\$5,330.00
3	EXCAVATION, CLASS 10	2370 CY	\$22.00	\$52,140.00	\$9.00	\$21,330.00	\$12.00	\$28,440.00	\$20.50	\$48,585.00
4	BELOW GRADE EXCAVATION (CORE OUT)	1500 CY	\$22.00	\$33,000.00	\$25.00	\$37,500.00	\$9.00	\$13,500.00	\$18.00	\$27,000.00
5	SUBGRADE PREPARATION	6360 SY	\$3.00	\$19,080.00	\$5.00	\$31,800.00	\$2.50	\$15,900.00	\$3.50	\$22,260.00
6	SUBGRADE TREATMENT - GEOGRID	640 SY	\$6.00	\$3,840.00	\$2.00	\$1,280.00	\$3.00	\$1,920.00	\$3.00	\$1,920.00
7	SUBBASE, PLACE ONLY	6360 SY	\$11.00	\$69,960.00	\$2.00	\$12,720.00	\$4.00	\$25,440.00	\$4.00	\$25,440.00
8	SUBBASE, SPECIAL BACKFILL - FURNISH ONLY	950 TON	\$30.00	\$28,500.00	\$22.00	\$20,900.00	\$21.00	\$19,950.00	\$17.50	\$16,625.00
9	STORM SEWER, TRENCHED, CLASS III RCP, 15 IN.	253 LF	\$60.00	\$15,180.00	\$70.00	\$17,710.00	\$64.00	\$16,192.00	\$73.00	\$18,469.00
10	REMOVAL OF STORM SEWER	38 LF	\$20.00	\$760.00	\$33.00	\$1,254.00	\$21.00	\$798.00	\$40.00	\$1,520.00
11	PIPE APRON, RCP, 15 IN.	1 EACH	\$2,000.00	\$2,000.00	\$1,700.00	\$1,700.00	\$1,200.00	\$1,200.00	\$1,925.00	\$1,925.00
12	FOOTING FOR CONCRETE PIPE APRON, 15 IN.	1 EACH	\$1,000.00	\$1,000.00	\$340.00	\$340.00	\$900.00	\$900.00	\$525.00	\$525.00
13	INTAKE, TYPE SW-501	1 EACH	\$3,000.00	\$3,000.00	\$4,000.00	\$4,000.00	\$2,800.00	\$2,800.00	\$3,000.00	\$3,000.00
14	INTAKE, TYPE SW-507	3 EACH	\$5,000.00	\$15,000.00	\$5,600.00	\$16,800.00	\$4,000.00	\$12,000.00	\$5,250.00	\$15,750.00
15	INTAKE, REMOVE	2 EACH	\$500.00	\$1,000.00	\$630.00	\$1,260.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00
16	PAVEMENT, PCC, 6 IN. (PARKING)	1313 SY	\$50.00	\$65,650.00	\$48.00	\$63,024.00	\$42.00	\$55,146.00	\$40.00	\$52,520.00
17	CURB AND GUTTER, 2' PCC	3875 LF	\$25.00	\$96,875.00	\$19.00	\$73,625.00	\$19.00	\$73,625.00	\$19.80	\$76,725.00
18	PAVEMENT, HMA (1 M ESAL), 7 IN.	3275 SY	\$45.00	\$147,375.00	\$42.50	\$139,187.50	\$44.00	\$144,100.00	\$41.50	\$135,912.50
19	REMOVAL OF SIDEWALK	277 SY	\$15.00	\$4,155.00	\$6.00	\$1,662.00	\$12.00	\$3,324.00	\$10.00	\$2,770.00
20	SIDEWALK, PCC, 5 IN. THICK	644 SY	\$40.00	\$25,760.00	\$42.50	\$27,370.00	\$42.00	\$27,048.00	\$40.00	\$25,760.00
21	FULL DEPTH PATCH, PCC	22 SY	\$150.00	\$3,300.00	\$126.00	\$2,772.00	\$125.00	\$2,750.00	\$75.00	\$1,650.00
22	SUBBASE OVER-EXCAVATION	7 TON	\$60.00	\$420.00	\$75.00	\$525.00	\$100.00	\$700.00	\$100.00	\$700.00
23	PAVEMENT REMOVAL	6900 SY	\$13.00	\$89,700.00	\$5.00	\$34,500.00	\$7.00	\$48,300.00	\$7.65	\$52,785.00
24	HYDRAULIC SEEDING, FERTILIZING AND MULCHING, TYPE 1	2 ACRE	\$4,000.00	\$8,000.00	\$4,700.00	\$9,400.00	\$4,500.00	\$9,000.00	\$4,950.00	\$9,900.00
25	SOD	3 SQ	\$100.00	\$300.00	\$110.00	\$330.00	\$400.00	\$1,200.00	\$110.00	\$330.00
26	FILTER SOCK, 9 INCH DIA.	2800 LF	\$3.00	\$8,400.00	\$2.00	\$5,600.00	\$1.50	\$4,200.00	\$1.65	\$4,620.00
27	FILTER SOCK, REMOVAL	2800 LF	\$1.00	\$2,800.00	\$0.50	\$1,400.00	\$0.50	\$1,400.00	\$0.55	\$1,540.00
28	EROSION CONTROL MULCHING, HYDROMULCHING	2 ACRE	\$2,500.00	\$5,000.00	\$1,800.00	\$3,600.00	\$1,750.00	\$3,500.00	\$1,925.00	\$3,850.00
29	FLOW TRANSITION MAT	.224 SF	\$14.00	\$3,136.00	\$16.00	\$3,584.00	\$15.00	\$3,360.00	\$16.50	\$3,696.00
30	EROSION CONTROL	1 LS	\$2,000.00	\$2,000.00	\$4,200.00	\$4,200.00	\$5,000.00	\$5,000.00	\$4,400.00	\$4,400.00
31	MOBILIZATION	1 LS	\$45,104.00	\$45,104.00	\$41,646.50	\$41,646.50	\$64,000.00	\$64,000.00	\$40,000.00	\$40,000.00
32	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	15.5 STA	\$70.00	\$1,085.00	\$70.00	\$1,085.00	\$210.00	\$3,255.00	\$82.50	\$1,278.75
33	PROJECT SIGN, SMALL	1 EACH	\$100.00	\$100.00	\$150.00	\$150.00	\$100.00	\$100.00	\$85.00	\$85.00
34	RELOCATE SIGN, INCLUDING FOOTING	1 EACH	\$500.00	\$500.00	\$800.00	\$800.00	\$200.00	\$200.00	\$750.00	\$750.00
35	SIGN (R7-8)	6 EACH	\$60.00	\$360.00	\$50.00	\$300.00	\$125.00	\$750.00	\$110.00	\$660.00
36	SIGN (R7-8P)	6 EACH	\$50.00	\$300.00	\$25.00	\$150.00	\$125.00	\$750.00	\$25.00	\$150.00
37	SIGN (R4-7b)	1 EACH	\$60.00	\$60.00	\$65.00	\$65.00	\$200.00	\$200.00	\$65.00	\$65.00
38	SIGN (OM-1)	1 EACH	\$60.00	\$60.00	\$50.00	\$50.00	\$150.00	\$150.00	\$65.00	\$65.00
39	SIGN POST	7 EACH	\$200.00	\$1,400.00	\$150.00	\$1,050.00	\$150.00	\$1,050.00	\$165.00	\$1,155.00
40	GRILL, ACCESSIBLE	6 EACH	\$600.00	\$3,600.00	\$500.00	\$3,000.00	\$1,000.00	\$6,000.00	\$575.00	\$3,450.00
41	PICNIC TABLE, ACCESSIBLE	13 EACH	\$900.00	\$11,700.00	\$750.00	\$9,750.00	\$1,000.00	\$13,000.00	\$900.00	\$11,700.00
42	TREE PROTECTION	1 LS	\$3,000.00	\$3,000.00	\$2,100.00	\$2,100.00	\$2,000.00	\$2,000.00	\$2,200.00	\$2,200.00
43	TREE PROTECTION FENCE	2400 LF	\$6.00	\$14,400.00	\$3.15	\$7,560.00	\$3.00	\$7,200.00	\$3.30	\$7,920.00
44	TRAFFIC CONTROL	1 LS	\$1,000.00	\$1,000.00	\$3,400.00	\$3,400.00	\$2,800.00	\$2,800.00	\$1,500.00	\$1,500.00
TOTAL CONSTRUCTION COST				\$810,000.00		\$622,000.00		\$635,588.00		\$643,546.25
PERCENT OF ENGINEER'S ESTIMATE						-23.21%		-21.53%		-20.55%
						Low				

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TABULATED BY: M/BECKER APPROVED BY _____
CHECKED BY: CAV

CONTRACTOR'S BID TABULATION
PROJECT: PIONEER PARK ROAD RECONSTRUCTION

ESTIMATE

				TK CONCRETE, INC. PELLA, IA		GRIMES ASPHALT AND PAVING CORP. DES MOINES, IA		HAWKEYE PAVING CORP BETTENDORF, IA	
				BID SECURITY 10% BID BOND BID PRICE		BID SECURITY 10% BID BOND BID PRICE		BID SECURITY 10% BID BOND BID PRICE	
ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	TOPSOIL, ON - SITE	220	CY	\$20.00	\$4,400.00	\$22.00	\$4,840.00	\$27.50	\$6,050.00
2	TOPSOIL, OFF - SITE	260	CY	\$60.00	\$15,600.00	\$48.00	\$12,480.00	\$60.00	\$15,600.00
3	EXCAVATION, CLASS 10	2370	CY	\$22.00	\$52,140.00	\$17.00	\$40,290.00	\$22.00	\$52,140.00
4	BELOW GRADE EXCAVATION (CORE OUT)	1500	CY	\$22.00	\$33,000.00	\$15.00	\$22,500.00	\$19.00	\$28,500.00
5	SUBGRADE PREPARATION	6360	SY	\$3.00	\$19,080.00	\$2.50	\$15,900.00	\$3.00	\$19,080.00
6	SUBGRADE TREATMENT - GEOGRID	640	SY	\$6.00	\$3,840.00	\$4.00	\$2,560.00	\$5.00	\$3,200.00
7	SUBBASE, PLACE ONLY	6360	SY	\$11.00	\$69,960.00	\$6.50	\$41,340.00	\$9.00	\$57,240.00
8	SUBBASE, SPECIAL BACKFILL - FURNISH ONLY	950	TON	\$30.00	\$28,500.00	\$20.00	\$19,000.00	\$25.00	\$23,750.00
9	STORM SEWER, TRENCHED, CLASS III RCP, 15 IN.	253	LF	\$60.00	\$15,180.00	\$60.00	\$15,180.00	\$65.00	\$16,445.00
10	REMOVAL OF STORM SEWER	38	LF	\$20.00	\$760.00	\$20.00	\$760.00	\$25.00	\$950.00
11	PIPE APRON, RCP, 15 IN.	1	EACH	\$2,000.00	\$2,000.00	\$2,250.00	\$2,250.00	\$2,900.00	\$2,900.00
12	FOOTING FOR CONCRETE PIPE APRON, 15 IN.	1	EACH	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,250.00	\$1,250.00
13	INTAKE, TYPE SW-501	1	EACH	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,750.00	\$3,750.00
14	INTAKE, TYPE SW-507	3	EACH	\$5,000.00	\$15,000.00	\$4,500.00	\$13,500.00	\$5,625.00	\$16,875.00
15	INTAKE, REMOVE	2	EACH	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$625.00	\$1,250.00
16	PAVEMENT, PCC, 6 IN. (PARKING)	1313	SY	\$50.00	\$65,650.00	\$43.00	\$56,459.00	\$47.00	\$61,711.00
17	CURB AND GUTTER, 2' PCC	3875	LF	\$25.00	\$96,875.00	\$20.00	\$77,500.00	\$18.00	\$69,750.00
18	PAVEMENT, HMA (1 M ESAL), 7 IN.	3275	SY	\$45.00	\$147,375.00	\$44.50	\$145,737.50	\$40.50	\$132,637.50
19	REMOVAL OF SIDEWALK	277	SY	\$15.00	\$4,155.00	\$15.00	\$4,155.00	\$19.00	\$5,263.00
20	SIDEWALK, PCC, 5 IN. THICK	644	SY	\$40.00	\$25,760.00	\$42.75	\$27,531.00	\$49.00	\$31,556.00
21	FULL DEPTH PATCH, PCC	22	SY	\$3,300.00	\$3,300.00	\$150.00	\$3,300.00	\$146.00	\$3,212.00
22	SUBBASE OVER-EXCAVATION	7	TON	\$60.00	\$420.00	\$60.00	\$420.00	\$125.00	\$875.00
23	PAVEMENT REMOVAL	6900	SY	\$13.00	\$89,700.00	\$8.00	\$55,200.00	\$7.50	\$51,750.00
24	HYDRAULIC SEEDING, FERTILIZING AND MULCHING, TYPE 1	2	ACRE	\$4,000.00	\$8,000.00	\$5,250.00	\$10,500.00	\$5,625.00	\$11,250.00
25	SOD	3	SQ	\$100.00	\$300.00	\$175.00	\$525.00	\$125.00	\$375.00
26	FILTER SOCK, 9 INCH DIA.	2800	LF	\$3.00	\$8,400.00	\$1.80	\$5,040.00	\$2.00	\$5,600.00
27	FILTER SOCK, REMOVAL	2800	LF	\$1.00	\$2,800.00	\$0.65	\$1,820.00	\$1.00	\$2,800.00
28	EROSION CONTROL MULCHING, HYDROMULCHING	2	ACRE	\$2,500.00	\$5,000.00	\$2,200.00	\$4,400.00	\$2,200.00	\$4,400.00
29	FLOW TRANSITION MAT	224	SF	\$14.00	\$3,136.00	\$18.00	\$4,032.00	\$19.00	\$4,256.00
30	EROSION CONTROL	1	LS	\$2,000.00	\$2,000.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00
31	MOBILIZATION	1	LS	\$45,104.00	\$45,104.00	\$75,000.00	\$75,000.00	\$60,000.00	\$60,000.00
32	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	15.5	STA	\$70.00	\$1,085.00	\$80.00	\$1,240.00	\$125.00	\$1,937.50
33	PROJECT SIGN, SMALL	1	EACH	\$100.00	\$100.00	\$200.00	\$200.00	\$125.00	\$125.00
34	RELOCATE SIGN, INCLUDING FOOTING	1	EACH	\$500.00	\$500.00	\$500.00	\$500.00	\$1,250.00	\$1,250.00
35	SIGN (R7-8)	6	EACH	\$60.00	\$360.00	\$50.00	\$300.00	\$75.00	\$450.00
36	SIGN (R7-8P)	6	EACH	\$50.00	\$300.00	\$50.00	\$300.00	\$62.50	\$375.00
37	SIGN (R4-7b)	1	EACH	\$60.00	\$60.00	\$75.00	\$75.00	\$75.00	\$75.00
38	SIGN (OM-1)	1	EACH	\$60.00	\$60.00	\$75.00	\$75.00	\$75.00	\$75.00
39	SIGN POST	7	EACH	\$200.00	\$1,400.00	\$175.00	\$1,225.00	\$250.00	\$1,750.00
40	GRILL, ACCESSIBLE	6	EACH	\$600.00	\$3,600.00	\$600.00	\$3,600.00	\$750.00	\$4,500.00
41	PICNIC TABLE, ACCESSIBLE	13	EACH	\$900.00	\$11,700.00	\$825.00	\$10,725.00	\$1,500.00	\$19,500.00
42	TREE PROTECTION	1	LS	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
43	TREE PROTECTION FENCE	2400	LF	\$6.00	\$14,400.00	\$3.50	\$8,400.00	\$3.75	\$9,000.00
44	TRAFFIC CONTROL	1	LS	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00
TOTAL CONSTRUCTION COST					\$810,000.00		\$702,859.50		\$743,453.00
PERCENT OF ENGINEER'S ESTIMATE							-13.23%		-8.22%
									\$791,112.00
									-2.33%

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TABULATED BY: M. BECKER APPROVED BY _____
CHECKED BY: CAV

BID DATE: 07/12/2016

OMG MIDWEST, INC.
dba DES MOINES
ASPHALT & PAVING
ANKENY, IA

CONTRACTOR

CONTRACTOR

BID SECURITY
10% BID BOND
BID PRICE

BID SECURITY

BID SECURITY

BID PRICE

BID PRICE

CONTRACTOR'S BID TABULATION
PROJECT: PIONEER PARK ROAD RECONSTRUCTION

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	TOPSOIL, ON - SITE	220 CY	\$20.00	\$4,400.00	\$27.06	\$5,953.20				
2	TOPSOIL, OFF - SITE	260 CY	\$60.00	\$15,600.00	\$87.71	\$22,804.60				
3	EXCAVATION, CLASS 10	2370 CY	\$22.00	\$52,140.00	\$24.12	\$57,164.40				
4	BELOW GRADE EXCAVATION (CORE OUT)	1500 CY	\$22.00	\$33,000.00	\$21.25	\$31,875.00				
5	SUBGRADE PREPARATION	6360 SY	\$3.00	\$19,080.00	\$4.25	\$27,030.00				
6	SUBGRADE TREATMENT - GEOGRID	640 SY	\$6.00	\$3,840.00	\$3.50	\$2,240.00				
7	SUBBASE, PLACE ONLY	6360 SY	\$11.00	\$69,960.00	\$6.35	\$40,386.00				
8	SUBBASE, SPECIAL BACKFILL - FURNISH ONLY	950 TON	\$30.00	\$28,500.00	\$19.25	\$18,287.50				
9	STORM SEWER, TRENCHED, CLASS III RCP, 15 IN.	253 LF	\$60.00	\$15,180.00	\$76.50	\$19,354.50				
10	REMOVAL OF STORM SEWER	38 LF	\$20.00	\$760.00	\$37.00	\$1,406.00				
11	PIPE APRON, RCP, 15 IN.	1 EACH	\$2,000.00	\$2,000.00	\$1,900.00	\$1,900.00				
12	FOOTING FOR CONCRETE PIPE APRON, 15 IN.	1 EACH	\$1,000.00	\$1,000.00	\$375.00	\$375.00				
13	INTAKE, TYPE SW-501	1 EACH	\$3,000.00	\$3,000.00	\$4,530.00	\$4,530.00				
14	INTAKE, TYPE SW-507	3 EACH	\$5,000.00	\$15,000.00	\$6,300.00	\$18,900.00				
15	INTAKE, REMOVE	2 EACH	\$500.00	\$1,000.00	\$705.00	\$1,410.00				
16	PAVEMENT, PCC, 6 IN. (PARKING)	1313 SY	\$50.00	\$65,650.00	\$53.00	\$69,589.00				
17	CURB AND GUTTER, 2' PCC	3875 LF	\$25.00	\$96,875.00	\$21.25	\$82,343.75				
18	PAVEMENT, HMA (1 M ESAL), 7 IN.	3275 SY	\$45.00	\$147,375.00	\$45.00	\$147,375.00				
19	REMOVAL OF SIDEWALK	277 SY	\$15.00	\$4,155.00	\$11.75	\$3,254.75				
20	SIDEWALK, PCC, 5 IN. THICK	644 SY	\$40.00	\$25,760.00	\$108.25	\$69,713.00				
21	FULL DEPTH PATCH, PCC	22 SY	\$150.00	\$3,300.00	\$276.00	\$6,072.00				
22	SUBBASE OVER-EXCAVATION	7 TON	\$60.00	\$420.00	\$117.65	\$823.55				
23	PAVEMENT REMOVAL	6900 SY	\$13.00	\$89,700.00	\$7.95	\$54,855.00				
24	HYDRAULIC SEEDING, FERTILIZING AND MULCHING, TYPE 1	2 ACRE	\$4,000.00	\$8,000.00	\$5,300.00	\$10,600.00				
25	SOD	3 SQ	\$100.00	\$300.00	\$117.00	\$351.00				
26	FILTER SOCK, 9 INCH DIA.	2800 LF	\$3.00	\$8,400.00	\$1.75	\$4,900.00				
27	FILTER SOCK, REMOVAL	2800 LF	\$1.00	\$2,800.00	\$0.56	\$1,568.00				
28	EROSION CONTROL MULCHING, HYDROMULCHING	2 ACRE	\$2,500.00	\$5,000.00	\$2,100.00	\$4,200.00				
29	FLOW TRANSITION MAT	224 SF	\$14.00	\$3,136.00	\$16.75	\$3,752.00				
30	EROSION CONTROL	1 LS	\$2,000.00	\$2,000.00	\$4,500.00	\$4,500.00				
31	MOBILIZATION	1 LS	\$45,104.00	\$45,104.00	\$60,000.00	\$60,000.00				
32	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	15.5 STA	\$70.00	\$1,085.00	\$72.25	\$1,119.88				
33	PROJECT SIGN, SMALL	1 EACH	\$100.00	\$100.00	\$83.50	\$83.50				
34	RELOCATE SIGN, INCLUDING FOOTING	1 EACH	\$500.00	\$500.00	\$1,675.00	\$1,675.00				
35	SIGN (R7-B)	6 EACH	\$60.00	\$360.00	\$38.89	\$233.34				
36	SIGN (R7-8P)	6 EACH	\$50.00	\$300.00	\$28.00	\$168.00				
37	SIGN (R4-7b)	1 EACH	\$60.00	\$60.00	\$66.75	\$66.75				
38	SIGN (OM-1)	1 EACH	\$60.00	\$60.00	\$50.00	\$50.00				
39	SIGN POST	7 EACH	\$200.00	\$1,400.00	\$150.00	\$1,050.00				
40	GRILL, ACCESSIBLE	6 EACH	\$600.00	\$3,600.00	\$525.00	\$3,150.00				
41	PICNIC TABLE, ACCESSIBLE	13 EACH	\$900.00	\$11,700.00	\$680.00	\$8,840.00				
42	TREE PROTECTION	1 LS	\$3,000.00	\$3,000.00	\$2,200.00	\$2,200.00				
43	TREE PROTECTION FENCE	2400 LF	\$6.00	\$14,400.00	\$3.30	\$7,920.00				
44	TRAFFIC CONTROL	1 LS	\$1,000.00	\$1,000.00	\$1,486.32	\$1,486.32				
TOTAL CONSTRUCTION COST				\$810,000.00		\$805,556.04				
PERCENT OF ENGINEER'S ESTIMATE						-0.55%				

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