



DATE April 18, 2022

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON 2022 NEIGHBORHOOD SIDEWALK PROGRAM; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS HAWKEYE PAVING CORPORATION, ANTHONY L. PERKINS, PRESIDENT, \$1,930,668.00

WHEREAS, on March 7, 2022, under Roll Call No. 22-0293, 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:

2022 Neighborhood Sidewalk Program, 092021004

The improvement includes construction of Portland Cement Concrete (PCC) sidewalk and trail, PCC ADA compliant curb ramps, PCC raised parking bumpouts, grading, pavement removal, subdrain, storm sewer, modular block retaining walls, water service modifications, surface restoration, traffic control, and other incidental items; all in accordance with the contract documents, including Plan File No. 641-003/222, along the following twenty-eight blocks of residential streets in Des Moines, Iowa:

- Broad Street from S.W. 9th Street to S.W. 5th Street (Northside)
- S.W. 5th Street from Broad Street to Pleasant View Drive (Westside)
- Pleasant View Drive from S.W. 6th Street to S.W. 5th Street (Northside)
- S.W. 6th Street from Park Avenue to Pleasant View Drive (Westside)
- 12th Street from Oak Park Avenue to Euclid Avenue (Westside)
- 11th Street from Oak Park Avenue to Euclid Avenue (Westside)
- Oak Park Avenue from Ravina Drive to 9th Street (Southside)
- Frazier Avenue from S.W. 18th Street to S.W. 14th Street (Southside)
- S.W. 13th Street from Kenyon Avenue to Frazier Avenue (Westside)
- S.W. 13th Street from Yeader Creek to McKinley Avenue (Eastside)
- Hackley Avenue from S.W. 13th Street to S.W. 9th Street (Southside)
- Hackley Avenue from S.W. 14th Street to S.W. 13th Street (Northside)
- E. Euclid Avenue from E. 33rd Street to Hubbell Avenue (Northside)
- Hubbell Avenue from E. 33rd Street to E. Douglas Avenue (Northside)
- E. Gray Street from Indianola Avenue to S.E. 5th Street (Southside)
- S.E. 1st Street from E. Watrous Avenue to E. Leach Avenue (Eastside)
- S.E. 2nd Street from E. Watrous Avenue to E. Leach Avenue (Eastside)
- Hickman Road from 44th Street to 48th Street (Southside)
- Hickman Road from 60th Street to 61st Street (Southside)

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.



DATE April 18, 2022

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 hereby approved.

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

- Hawkeye Paving Corporation, Davenport, IA - Low Bid
- Ti-Zack Concrete, Inc., Le Center, MN
- TK Concrete, Inc., Pella, IA
- MPS Engineers, P.C. dba Kingston Services, P.C., Des Moines, 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 March 22, 2022. 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 Hawkeye Paving Corporation, Anthony L. Perkins, President, 4241 W 83rd Street, Davenport, IA, 52806 in the amount of \$1,930,668.00, 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 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.



**Roll Call Number**

**Agenda Item Number**

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DATE April 18, 2022

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.

(City Council Communication Number 22-166 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



Funding Source: 2022-23 CIP, Page 163, Sidewalks - School and Priority Routes, SW081, G.O. Bonds

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

MOTION CARRIED APPROVED

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.

Mayor

City Clerk

TABULATED BY: N. Smith APPROVED BY P. Wagem

CHECKED BY: Justin Bullock

CONTRACTOR'S BID TABULATION  
PROJECT: 2022 NEIGHBORHOOD SIDEWALK PROGRAM

ESTIMATE

Hawkeye Paving Corp  
Davenport, IA

Ti-Zack Concrete, Inc.  
Le Center, MN

TK Concrete, Inc.  
Pella, IA

MPS Engineers PC dba  
Kingston Services PC  
Des Moines, IA

BID SECURITY  
10% Bid Bond

BID PRICE

BID PRICE

BID PRICE

BID PRICE

ITEM	DESCRIPTION	QUANTITY	UNIT									
			PRICE	AMOUNT								
1	Clearing and Grubbing	460 UNIT	\$40.00	\$18,400.00	\$30.00	\$13,800.00	\$77.00	\$35,420.00	\$50.00	\$23,000.00	\$70.00	\$32,200.00
2	Clearing and Grubbing	0.17 AC	\$20,000.00	\$3,400.00	\$20,000.00	\$3,400.00	\$22,000.00	\$3,740.00	\$30,000.00	\$5,100.00	\$50,000.00	\$8,500.00
3	Topsoil, On-site	486 CY	\$20.00	\$9,720.00	\$30.00	\$14,580.00	\$61.93	\$30,097.98	\$30.00	\$14,580.00	\$30.00	\$14,580.00
4	Topsoil, Off-site	481 CY	\$50.00	\$24,050.00	\$90.00	\$43,290.00	\$87.32	\$42,000.92	\$50.00	\$24,050.00	\$50.00	\$24,050.00
5	Excavation, Class 10	2279 CY	\$25.00	\$56,975.00	\$30.00	\$68,370.00	\$49.52	\$112,856.08	\$25.00	\$56,975.00	\$30.00	\$68,370.00
6	Excavation, Class 10, Onsite	58 CY	\$25.00	\$1,450.00	\$40.00	\$2,320.00	\$64.86	\$3,761.88	\$25.00	\$1,450.00	\$25.00	\$1,450.00
7	Excavation, Class 10, Import	64 CY	\$30.00	\$1,920.00	\$50.00	\$3,200.00	\$70.54	\$4,514.56	\$65.00	\$4,160.00	\$50.00	\$3,200.00
8	Excavation, Class 12	12 CY	\$100.00	\$1,200.00	\$170.00	\$2,040.00	\$62.70	\$752.40	\$50.00	\$600.00	\$100.00	\$1,200.00
9	Subbase, Modified, 6 in. depth	580 SY	\$30.00	\$17,400.00	\$30.00	\$17,400.00	\$6.49	\$3,764.20	\$15.00	\$8,700.00	\$30.00	\$17,400.00
10	Storm Sewer, Trenched, RCP, 15 in.	30 LF	\$175.00	\$5,250.00	\$260.00	\$7,800.00	\$137.50	\$4,125.00	\$125.00	\$3,750.00	\$475.00	\$14,250.00
11	Storm Sewer, Trenched, RCP, 24 in.	10 LF	\$200.00	\$2,000.00	\$400.00	\$4,000.00	\$220.00	\$2,200.00	\$200.00	\$2,000.00	\$600.00	\$6,000.00
12	Removal of Storm Sewer, RCP, 24 in.	10 LF	\$50.00	\$500.00	\$70.00	\$700.00	\$27.50	\$275.00	\$50.00	\$500.00	\$50.00	\$500.00
13	Pipe Apron, PCC, 15 in.	1 EA	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$1,100.00	\$1,100.00	\$3,500.00	\$3,500.00	\$3,000.00	\$3,000.00
14	Adjust Stop Box to New Grade	13 EA	\$500.00	\$6,500.00	\$300.00	\$3,900.00	\$578.77	\$7,524.01	\$750.00	\$9,750.00	\$500.00	\$6,500.00
15	Fire Hydrant Relocation	3 EA	\$5,000.00	\$15,000.00	\$6,000.00	\$18,000.00	\$8,800.00	\$26,400.00	\$5,500.00	\$16,500.00	\$8,000.00	\$24,000.00
16	Intake, SW-501	1 EA	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$5,500.00	\$5,500.00	\$7,500.00	\$7,500.00	\$8,000.00	\$8,000.00
17	Intake, SW-501 Modified	1 EA	\$6,500.00	\$6,500.00	\$8,000.00	\$8,000.00	\$5,500.00	\$5,500.00	\$8,500.00	\$8,500.00	\$10,500.00	\$10,500.00
18	Intake, SW-508 Modified	1 EA	\$9,000.00	\$9,000.00	\$9,500.00	\$9,500.00	\$11,000.00	\$11,000.00	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00
19	CASTING Extension Ring	5 EA	\$250.00	\$1,250.00	\$200.00	\$1,000.00	\$156.00	\$780.00	\$750.00	\$3,750.00	\$450.00	\$2,250.00
20	Intake/Manhole Adjustment, Minor	6 EA	\$1,000.00	\$6,000.00	\$2,500.00	\$15,000.00	\$627.00	\$3,762.00	\$2,000.00	\$12,000.00	\$1,000.00	\$6,000.00
21	Intake/Manhole Adjustment, Major	4 EA	\$5,000.00	\$20,000.00	\$4,800.00	\$19,200.00	\$1,100.00	\$4,400.00	\$4,000.00	\$16,000.00	\$5,000.00	\$20,000.00
22	Remove Intake	1 EA	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$752.40	\$752.40	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
23	Adjust Water Service Stop Box in Pavement	7 EA	\$1,000.00	\$7,000.00	\$500.00	\$3,500.00	\$107.49	\$752.43	\$1,500.00	\$10,500.00	\$1,500.00	\$10,500.00
24	New Stop Box Housing and New Stop Box Rod	7 EA	\$500.00	\$3,500.00	\$500.00	\$3,500.00	\$165.00	\$1,155.00	\$1,750.00	\$12,250.00	\$500.00	\$3,500.00
25	Check Depth of Water Service	6 EA	\$500.00	\$3,000.00	\$500.00	\$3,000.00	\$275.00	\$1,650.00	\$750.00	\$4,500.00	\$500.00	\$3,000.00
26	Check Depth of Gas Service	31 EA	\$500.00	\$15,500.00	\$300.00	\$9,300.00	\$550.00	\$17,050.00	\$750.00	\$23,250.00	\$500.00	\$15,500.00
27	Lower Water Service	4 EA	\$1,000.00	\$4,000.00	\$1,500.00	\$6,000.00	\$275.00	\$1,100.00	\$5,000.00	\$20,000.00	\$3,000.00	\$12,000.00
28	Pavement, PCC, 8 in.	229 SY	\$80.00	\$18,320.00	\$120.00	\$27,480.00	\$122.33	\$28,013.57	\$100.00	\$22,900.00	\$112.00	\$25,648.00
29	Curb and Gutter, 2.5' x 8"	125 LF	\$50.00	\$6,250.00	\$60.00	\$7,500.00	\$43.18	\$5,397.50	\$60.00	\$7,500.00	\$50.00	\$6,250.00
30	Curb and Gutter, 2.0' x 6"	549 LF	\$45.00	\$24,705.00	\$62.00	\$34,038.00	\$39.40	\$21,630.60	\$55.00	\$30,195.00	\$45.00	\$24,705.00
31	Curb and Gutter, 2.0' x 7"	839 LF	\$45.00	\$37,755.00	\$55.00	\$46,145.00	\$39.40	\$33,056.60	\$55.00	\$46,145.00	\$45.00	\$37,755.00
32	Removal of Driveway/Sidewalk	2028 SY	\$15.00	\$30,420.00	\$16.00	\$32,448.00	\$18.55	\$37,619.40	\$15.00	\$30,420.00	\$15.00	\$30,420.00
33	Removal of Curb	40 LF	\$15.00	\$600.00	\$20.00	\$800.00	\$13.17	\$526.80	\$25.00	\$1,000.00	\$15.00	\$600.00
34	Shared Use Path, PCC, 6"	405 SY	\$100.00	\$40,500.00	\$75.00	\$30,375.00	\$96.50	\$39,082.50	\$80.00	\$32,400.00	\$100.00	\$40,500.00
35	Sidewalk, PCC, 4"	6050 SY	\$70.00	\$423,500.00	\$78.00	\$471,900.00	\$82.07	\$496,523.50	\$85.00	\$514,250.00	\$80.00	\$484,000.00
36	Sidewalk, PCC, 6"	994 SY	\$100.00	\$99,400.00	\$107.00	\$106,358.00	\$106.30	\$105,662.20	\$125.00	\$124,250.00	\$112.00	\$111,328.00
37	Sidewalk, PCC, 5" Class A	235 SY	\$75.00	\$17,625.00	\$100.00	\$23,500.00	\$88.53	\$20,804.55	\$85.00	\$19,975.00	\$95.00	\$22,325.00
38	Detectable Warning, Cast Iron	687 SF	\$55.00	\$37,785.00	\$50.00	\$34,350.00	\$45.15	\$31,018.05	\$55.00	\$37,785.00	\$55.00	\$37,785.00
39	Driveway, Paved, PCC, 6"	2076 SY	\$75.00	\$155,700.00	\$82.00	\$170,232.00	\$106.30	\$220,678.80	\$70.00	\$145,320.00	\$80.00	\$166,080.00
40	Driveway, Granular	84 TON	\$45.00	\$3,780.00	\$45.00	\$3,780.00	\$78.49	\$6,593.16	\$50.00	\$4,200.00	\$55.00	\$4,620.00
41	Driveway, Grass-Paver System	35 SY	\$200.00	\$7,000.00	\$200.00	\$7,000.00	\$247.50	\$8,662.50	\$250.00	\$8,750.00	\$200.00	\$7,000.00
42	Full Depth Patches, PCC, 8"	155 SY	\$150.00	\$23,250.00	\$150.00	\$23,250.00	\$129.85	\$20,126.75	\$125.00	\$19,375.00	\$150.00	\$23,250.00
43	Pavement Removal	667 SY	\$20.00	\$13,340.00	\$25.00	\$16,675.00	\$14.49	\$9,664.83	\$20.00	\$13,340.00	\$20.00	\$13,340.00
44	Curb and Gutter Removal	1240 LF	\$25.00	\$31,000.00	\$12.00	\$14,880.00	\$8.61	\$10,676.40	\$20.00	\$24,800.00	\$25.00	\$31,000.00
45	Traffic Signal Modifications, E Douglas Ave & Hubbell Ave	1 LS	\$10,000.00	\$10,000.00	\$14,000.00	\$14,000.00	\$13,750.00	\$13,750.00	\$20,000.00	\$20,000.00	\$14,500.00	\$14,500.00

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ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
46	Remove and Reinstall Sign	1 LS	\$1,750.00	\$1,750.00	\$1,600.00	\$1,600.00	\$165.00	\$165.00	\$2,500.00	\$2,500.00	\$1,750.00	\$1,750.00
47	Painted Pavement Markings, Solvent/Waterborne	15.6 STA	\$250.00	\$3,900.00	\$200.00	\$3,120.00	\$330.00	\$5,148.00	\$280.00	\$4,368.00	\$250.00	\$3,900.00
48	Painted Pavement Markings, Durable	1.2 STA	\$500.00	\$600.00	\$500.00	\$600.00	\$550.00	\$660.00	\$3,750.00	\$4,500.00	\$500.00	\$600.00
49	Pavement Markings Removed	1.5 STA	\$150.00	\$225.00	\$150.00	\$225.00	\$110.00	\$165.00	\$770.00	\$1,155.00	\$150.00	\$225.00
50	Remove and Reinstall Sign	9 EA	\$200.00	\$1,800.00	\$300.00	\$2,700.00	\$275.00	\$2,475.00	\$475.00	\$4,275.00	\$200.00	\$1,800.00
51	Removal of Sign and Sign Post	5 EA	\$100.00	\$500.00	\$200.00	\$1,000.00	\$165.00	\$825.00	\$400.00	\$2,000.00	\$100.00	\$500.00
52	Type A signs, Sheet Aluminum	100 SF	\$10.00	\$1,000.00	\$12.00	\$1,200.00	\$71.50	\$7,150.00	\$40.00	\$4,000.00	\$10.00	\$1,000.00
53	Sign Post, Perforated Square, Steel Tube Post	100 LF	\$15.00	\$1,500.00	\$15.00	\$1,500.00	\$33.00	\$3,300.00	\$40.00	\$4,000.00	\$15.00	\$1,500.00
54	Temporary Traffic Control	1 LS	\$12,000.00	\$12,000.00	\$50,000.00	\$50,000.00	\$16,500.00	\$16,500.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
55	Hydraulic Seeding, Fertilizing, and Mulching, Type 1	3.8 AC	\$6,000.00	\$22,800.00	\$6,000.00	\$22,800.00	\$8,800.00	\$33,440.00	\$7,500.00	\$28,500.00	\$6,000.00	\$22,800.00
56	Watering	35000 GAL	\$0.20	\$7,000.00	\$0.10	\$3,500.00	\$0.11	\$3,850.00	\$0.30	\$10,500.00	\$0.20	\$7,000.00
57	Mulch	10 CY	\$50.00	\$500.00	\$50.00	\$500.00	\$60.50	\$605.00	\$100.00	\$1,000.00	\$80.00	\$800.00
58	River Rock, 2"	10 TON	\$50.00	\$500.00	\$100.00	\$1,000.00	\$60.50	\$605.00	\$100.00	\$1,000.00	\$100.00	\$1,000.00
59	Compost Blanket, 2"	20000 SF	\$0.20	\$4,000.00	\$0.20	\$4,000.00	\$0.28	\$5,600.00	\$0.40	\$8,000.00	\$0.20	\$4,000.00
60	Filter Sock, 8"	1600 LF	\$2.00	\$3,200.00	\$3.00	\$4,800.00	\$1.10	\$1,760.00	\$3.50	\$5,600.00	\$2.00	\$3,200.00
61	Filter Sock, 9"	4150 LF	\$2.50	\$10,375.00	\$3.50	\$14,525.00	\$1.10	\$4,565.00	\$3.50	\$14,525.00	\$2.50	\$10,375.00
62	Filter Socks, Removal	5750 LF	\$1.00	\$5,750.00	\$0.10	\$575.00	\$1.10	\$6,325.00	\$1.00	\$5,750.00	\$0.50	\$2,875.00
63	Wattle, Straw, 12"	1020 LF	\$4.00	\$4,080.00	\$3.00	\$3,060.00	\$1.10	\$1,122.00	\$5.75	\$5,865.00	\$4.00	\$4,080.00
64	Wattle, Removal	1020 LF	\$1.00	\$1,020.00	\$0.10	\$102.00	\$1.10	\$1,122.00	\$1.50	\$1,530.00	\$1.00	\$1,020.00
65	Rip Rap, Erosion Stone	3 TON	\$50.00	\$150.00	\$200.00	\$600.00	\$501.60	\$1,504.80	\$150.00	\$450.00	\$250.00	\$750.00
66	Erosion Control Mulching, Hydromulching	1.6 AC	\$5,000.00	\$8,000.00	\$3,000.00	\$4,800.00	\$11,000.00	\$17,600.00	\$6,000.00	\$9,600.00	\$5,000.00	\$8,000.00
67	Inlet Protection Device, Open Throat Intake Sediment Filter	4 EA	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$220.00	\$880.00	\$600.00	\$2,400.00	\$500.00	\$2,000.00
68	Inlet Protection Device, Maintenance	4 EA	\$100.00	\$400.00	\$100.00	\$400.00	\$11.00	\$44.00	\$250.00	\$1,000.00	\$100.00	\$400.00
69	Tree Protection and Temporary Fencing	350 LF	\$3.00	\$1,050.00	\$3.00	\$1,050.00	\$3.30	\$1,155.00	\$5.50	\$1,925.00	\$3.00	\$1,050.00
70	Tree Trunk Protection	14 EA	\$500.00	\$7,000.00	\$500.00	\$7,000.00	\$165.00	\$2,310.00	\$500.00	\$7,000.00	\$500.00	\$7,000.00
71	Tree Trimming	1 LS	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$1,100.00	\$1,100.00	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00
72	Chain Link Fence, Galvanized, 42"	180 LF	\$50.00	\$9,000.00	\$50.00	\$9,000.00	\$82.50	\$14,850.00	\$80.00	\$14,400.00	\$80.00	\$14,400.00
73	Chain Link Fence, Black Vinyl Coated, 42"	348 LF	\$50.00	\$17,400.00	\$50.00	\$17,400.00	\$82.50	\$28,710.00	\$80.00	\$27,840.00	\$90.00	\$31,320.00
74	Gates, Galvanized Chain Link, 42" x 3'3"	1 EA	\$500.00	\$500.00	\$500.00	\$500.00	\$550.00	\$550.00	\$1,500.00	\$1,500.00	\$800.00	\$800.00
75	Removal and Reinstallation of Existing Fence, Chain Link, 42 in.	40 LF	\$52.00	\$2,080.00	\$52.00	\$2,080.00	\$110.00	\$4,400.00	\$75.00	\$3,000.00	\$52.00	\$2,080.00
76	Removal of Fence	218 LF	\$5.00	\$1,090.00	\$5.00	\$1,090.00	\$60.50	\$13,189.00	\$15.00	\$3,270.00	\$5.00	\$1,090.00
77	Temporary Fence, Chain Link Fence, 42" Min.	180 LF	\$50.00	\$9,000.00	\$20.00	\$3,600.00	\$27.50	\$4,950.00	\$75.00	\$13,500.00	\$50.00	\$9,000.00
78	Modular Block Retaining Wall, 12" Deep	772 SF	\$40.00	\$30,880.00	\$45.00	\$34,740.00	\$29.70	\$22,928.40	\$37.50	\$28,950.00	\$40.00	\$30,880.00
79	Modular Block Retaining Wall, 21" Deep	1900 SF	\$50.00	\$95,000.00	\$45.00	\$85,500.00	\$40.70	\$77,330.00	\$47.50	\$90,250.00	\$58.00	\$110,200.00
80	Combined Concrete Sidewalk and Retaining Wall	57 CY	\$1,000.00	\$57,000.00	\$800.00	\$45,600.00	\$1,423.50	\$81,139.50	\$1,350.00	\$76,950.00	\$1,400.00	\$79,800.00
81	Concrete Steps, Type B	40 SF	\$100.00	\$4,000.00	\$160.00	\$6,400.00	\$46.35	\$1,854.00	\$250.00	\$10,000.00	\$180.00	\$7,200.00
82	Handrail, Steel, Powder Coated Black	15 LF	\$150.00	\$2,250.00	\$250.00	\$3,750.00	\$275.00	\$4,125.00	\$350.00	\$5,250.00	\$150.00	\$2,250.00
83	Safety Rail	84 LF	\$100.00	\$8,400.00	\$100.00	\$8,400.00	\$126.50	\$10,626.00	\$150.00	\$12,600.00	\$100.00	\$8,400.00
84	Construction Survey	1 LS	\$17,000.00	\$17,000.00	\$10,000.00	\$10,000.00	\$27,500.00	\$27,500.00	\$44,500.00	\$44,500.00	\$67,000.00	\$67,000.00
85	Mobilization	1 LS	\$82,915.00	\$82,915.00	\$190,000.00	\$190,000.00	\$109,706.25	\$109,706.25	\$173,500.00	\$173,500.00	\$234,000.00	\$234,000.00
86	Maintenance of Postal Service	1 LS	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00	\$7,500.00	\$7,500.00	\$3,000.00	\$3,000.00
87	Maintenance of Solid Waste Collection	1 LS	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00	\$7,500.00	\$7,500.00	\$5,000.00	\$5,000.00
88	Temporary Pedestrian Residential Access	250 SY	\$50.00	\$12,500.00	\$50.00	\$12,500.00	\$3.30	\$825.00	\$75.00	\$18,750.00	\$50.00	\$12,500.00
89	Temporary Granular Sidewalk	48 SY	\$30.00	\$1,440.00	\$30.00	\$1,440.00	\$15.68	\$752.64	\$62.50	\$3,000.00	\$30.00	\$1,440.00
90	Concrete Washout	1 LS	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$1,100.00	\$1,100.00	\$7,500.00	\$7,500.00	\$8,000.00	\$8,000.00
91	Salvage and Replace Landscaping - 5016 SW 13th St	1 LS	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$1,650.00	\$1,650.00	\$7,500.00	\$7,500.00	\$5,000.00	\$5,000.00
92	Remove and Salvage Items to Property Owner	1 LS	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$1,650.00	\$1,650.00	\$7,500.00	\$7,500.00	\$5,000.00	\$5,000.00
93	Trim Back Plants	1 LS	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$1,650.00	\$1,650.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00
<b>TOTAL CONSTRUCTION COST</b>				<b>\$1,702,000.00</b>		<b>\$1,930,668.00</b>		<b>\$1,973,083.16</b>		<b>\$2,140,673.00</b>		<b>\$2,171,541.00</b>
<b>PERCENT OF ENGINEER'S ESTIMATE</b>						13.44%		15.93%		25.77%		27.59%
						Low						