



**Roll Call Number**

**Agenda Item Number**

67

DATE December 12, 2022

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON S.E. 6TH STREET RECONSTRUCTION FROM E. HILLSIDE AVENUE TO E. EDISON AVENUE; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS BROTHERS CLEANING CORPORATION, JOSECITO VALERO, PRESIDENT, \$389,710.00

WHEREAS, on October 24, 2022, under Roll Call No. 22-1605, 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:

S.E. 6th Street Reconstruction from E. Hillside Avenue to E. Edison Avenue, 062022009

The improvement includes construction of Portland Cement Concrete (PCC) pavement and integral curb, PCC driveways, PCC sidewalks, modified subbase, subdrain, pavement markings, traffic control, surface restoration, and incidental items; all in accordance with the contract documents, including Plan File No. 645-120/143, located on S.E. 6th Street from E. Hillside Avenue to E. Edison Avenue, 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 hereby approved.

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

- Brothers Cleaning Corporation, Des Moines, IA - Low Bid
- All Star Concrete, L.L.C., Johnston, IA
- MPS Engineers, P.C. dba Kingston Services, P.C., Des Moines, IA
- Shekar Engineering, P.L.C., Des Moines, IA
- TK Concrete, Inc., Pella, IA
- Elder Corporation, Des Moines, IA
- Concrete Technologies, Inc., Grimes, IA
- Absolute Concrete Construction, Inc., Slater, IA
- Jasper Construction Services, Inc., Newton, 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 8, 2022. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.



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DATE December 12, 2022

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 Brothers Cleaning Corporation, Josecito Valero, President, 4000 Colfax, Des Moines, IA, 50317 in the amount of \$389,710.00, 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.

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 22-573 attached)

Moved by \_\_\_\_\_ to adopt. Second by \_\_\_\_\_

FORM APPROVED:

FUNDS AVAILABLE

s/ Kathleen Vanderpool

Nickolas J. Schaul

Kathleen Vanderpool  
Deputy City Attorney

Nickolas J. Schaul  
Director of Finance

SLW  
pw

Funding Source: 2022-23 CIP, Page 167, LOSST Street Improvements, ST800, LOSST Monies

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

I, Laura Baumgartner, 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.

MOTION CARRIED APPROVED

\_\_\_\_\_  
Mayor

\_\_\_\_\_  
City Clerk

67

TABULATED BY: N. Smith APPROVED BY: P. Wase  
CHECKED BY: Matt Becker

**CONTRACTOR'S BID TABULATION**  
PROJECT: S.E. 6TH STREET RECONSTRUCTION FROM E. HILLSIDE AVENUE TO E. EDISON AVENUE

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	TOPSOIL, OFF - SITE	120 CY	\$90.00	\$10,800.00	\$30.00	\$3,600.00	\$65.00	\$7,800.00	\$80.00	\$9,600.00
2	EXCAVATION, CLASS 10	650 CY	\$35.00	\$22,750.00	\$20.00	\$13,000.00	\$25.00	\$16,250.00	\$35.00	\$22,750.00
3	SUBGRADE PREPARATION, 6 IN. DEPTH	2100 SY	\$5.00	\$10,500.00	\$3.70	\$7,770.00	\$4.25	\$8,925.00	\$5.00	\$10,500.00
4	SUBGRADE TREATMENT - GEOGRID	2100 SY	\$6.00	\$12,600.00	\$6.50	\$13,650.00	\$4.00	\$8,400.00	\$1.50	\$3,150.00
5	SUBBASE, MODIFIED, 9 IN. THICK	2100 SY	\$23.00	\$48,300.00	\$25.00	\$52,500.00	\$22.35	\$46,935.00	\$25.00	\$52,500.00
6	SUBBASE, MODIFIED, EXTRA DEPTH	100 TON	\$40.00	\$4,000.00	\$41.00	\$4,100.00	\$47.05	\$4,705.00	\$16.00	\$1,600.00
7	SUBBASE, 3-INCH CLEAN, EXTRA DEPTH	100 TON	\$40.00	\$4,000.00	\$47.00	\$4,700.00	\$54.20	\$5,420.00	\$18.00	\$1,800.00
8	SUBDRAIN, LONGITUDINAL, 6 IN.	517 LF	\$25.00	\$12,925.00	\$25.00	\$12,925.00	\$50.00	\$25,850.00	\$29.00	\$14,993.00
9	SUBDRAIN OUTLET	1 EACH	\$1,000.00	\$1,000.00	\$650.00	\$650.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00
10	PAVEMENT, PCC, 7 IN. THICK	140 SY	\$70.00	\$9,800.00	\$70.00	\$9,800.00	\$63.00	\$8,820.00	\$98.00	\$13,720.00
11	PAVEMENT, PCC, 9 IN. THICK	1562 SY	\$80.00	\$124,960.00	\$85.00	\$132,770.00	\$82.00	\$128,084.00	\$86.00	\$134,332.00
12	PCC PAVEMENT SAMPLES AND TESTING	1 LS	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00
13	REMOVAL OF SIDEWALK	38 SY	\$18.00	\$684.00	\$15.00	\$570.00	\$20.00	\$760.00	\$18.00	\$684.00
14	REMOVAL OF DRIVEWAY	157 SY	\$18.00	\$2,826.00	\$15.00	\$2,355.00	\$20.00	\$3,140.00	\$18.00	\$2,826.00
15	SIDEWALK, PCC, 4 IN. THICK	13 SY	\$80.00	\$1,040.00	\$80.00	\$1,040.00	\$65.00	\$845.00	\$96.00	\$1,248.00
16	SIDEWALK, PCC, 6 IN. THICK	12 SY	\$120.00	\$1,440.00	\$90.00	\$1,080.00	\$65.00	\$780.00	\$156.00	\$1,872.00
17	DETECTABLE WARNING	24 SF	\$70.00	\$1,680.00	\$65.00	\$1,560.00	\$43.00	\$1,032.00	\$64.00	\$1,536.00
18	DRIVEWAY, PCC, 7 IN. THICK	86 SY	\$75.00	\$6,450.00	\$63.00	\$5,418.00	\$62.75	\$5,396.50	\$84.00	\$7,224.00
19	DRIVEWAY, PCC, 9 IN. THICK	111 SY	\$85.00	\$9,435.00	\$75.00	\$8,325.00	\$69.50	\$7,714.50	\$92.00	\$10,212.00
20	FULL DEPTH PATCH	50 SY	\$150.00	\$7,500.00	\$80.00	\$4,000.00	\$140.00	\$7,000.00	\$186.00	\$9,300.00
21	PAVEMENT REMOVAL	1705 SY	\$19.00	\$32,395.00	\$15.00	\$25,575.00	\$15.00	\$25,575.00	\$18.00	\$30,690.00
22	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	11.2 STA	\$150.00	\$1,680.00	\$535.00	\$5,992.00	\$350.00	\$3,920.00	\$250.00	\$2,800.00
23	PAINTED SYMBOLS AND LEGENDS, SOLVENT/WATERBORNE	1 EACH	\$250.00	\$250.00	\$180.00	\$180.00	\$100.00	\$100.00	\$400.00	\$400.00
24	TEMPORARY TRAFFIC CONTROL	1 LS	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$6,554.00	\$6,554.00	\$10,000.00	\$10,000.00
25	SOD	110 SQ	\$100.00	\$11,000.00	\$80.00	\$8,800.00	\$95.00	\$10,450.00	\$120.00	\$13,200.00
26	FILTER SOCK, 9 INCH DIA.	1000 LF	\$4.00	\$4,000.00	\$2.20	\$2,200.00	\$2.50	\$2,500.00	\$4.00	\$4,000.00
27	FILTER SOCK, REMOVAL	1000 LF	\$2.00	\$2,000.00	\$2.20	\$2,200.00	\$0.50	\$500.00	\$0.50	\$500.00
28	INLET PROTECTION DEVICE	1 EACH	\$500.00	\$500.00	\$250.00	\$250.00	\$195.00	\$195.00	\$500.00	\$500.00
29	MOBILIZATION	1 LS	\$41,185.00	\$41,185.00	\$15,000.00	\$15,000.00	\$50,000.00	\$50,000.00	\$54,000.00	\$54,000.00
30	MAINTENANCE OF POSTAL SERVICE	1 LS	\$1,000.00	\$1,000.00	\$8,500.00	\$8,500.00	\$1,590.00	\$1,590.00	\$1,250.00	\$1,250.00
31	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$1,000.00	\$1,000.00	\$8,500.00	\$8,500.00	\$6,750.00	\$6,750.00	\$2,000.00	\$2,000.00
32	REMOVE AND REINSTALL EXISTING SIGN AND POST	2 EACH	\$300.00	\$600.00	\$950.00	\$1,900.00	\$198.00	\$396.00	\$300.00	\$600.00
33	PROJECT SIGN, LOSST	2 EACH	\$350.00	\$700.00	\$3,900.00	\$7,800.00	\$100.00	\$200.00	\$450.00	\$900.00
<b>TOTAL CONSTRUCTION COST</b>				<b>\$400,000.00</b>		<b>\$389,710.00</b>		<b>\$399,087.00</b>		<b>\$422,687.00</b>
PERCENT OF ENGINEER'S ESTIMATE						-2.57%		-0.23%		+5.67%
						Low				

TABULATED BY: N. Smith APPROVED BY: P. Wagoner  
CHECKED BY: \_\_\_\_\_

**CONTRACTOR'S BID TABULATION**  
PROJECT: S.E. 6TH STREET RECONSTRUCTION FROM E. HILLSIDE AVENUE TO E. EDISON AVENUE

-----ESTIMATE-----

**Shekar Engineering, PLC**  
Des Moines, IA

**TK Concrete, Inc.**  
Pella, IA

**Elder Corporation**  
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		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	TOPSOIL, OFF - SITE	120 CY	\$90.00	\$10,800.00	\$12.50	\$1,500.00	\$62.50	\$7,500.00	\$104.00	\$12,480.00
2	EXCAVATION, CLASS 10	650 CY	\$35.00	\$22,750.00	\$15.00	\$9,750.00	\$22.50	\$14,625.00	\$49.50	\$32,175.00
3	SUBGRADE PREPARATION, 6 IN. DEPTH	2100 SY	\$5.00	\$10,500.00	\$9.54	\$20,034.00	\$4.00	\$8,400.00	\$11.40	\$23,940.00
4	SUBGRADE TREATMENT - GEOGRID	2100 SY	\$6.00	\$12,600.00	\$5.09	\$10,689.00	\$4.00	\$8,400.00	\$3.25	\$6,825.00
5	SUBBASE, MODIFIED, 9 IN. THICK	2100 SY	\$23.00	\$48,300.00	\$26.80	\$56,280.00	\$25.00	\$52,500.00	\$24.90	\$52,290.00
6	SUBBASE, MODIFIED, EXTRA DEPTH	100 TON	\$40.00	\$4,000.00	\$28.00	\$2,800.00	\$75.00	\$7,500.00	\$49.00	\$4,900.00
7	SUBBASE, 3-INCH CLEAN, EXTRA DEPTH	100 TON	\$40.00	\$4,000.00	\$28.00	\$2,800.00	\$85.00	\$8,500.00	\$55.75	\$5,575.00
8	SUBDRAIN, LONGITUDINAL, 6 IN.	517 LF	\$25.00	\$12,925.00	\$27.89	\$14,419.13	\$25.00	\$12,925.00	\$32.00	\$16,544.00
9	SUBDRAIN OUTLET	1 EACH	\$1,000.00	\$1,000.00	\$225.00	\$225.00	\$750.00	\$750.00	\$950.00	\$950.00
10	PAVEMENT, PCC, 7 IN. THICK	140 SY	\$70.00	\$9,800.00	\$97.49	\$13,648.60	\$80.00	\$11,200.00	\$118.50	\$16,590.00
11	PAVEMENT, PCC, 9 IN. THICK	1562 SY	\$80.00	\$124,960.00	\$109.00	\$170,258.00	\$92.50	\$144,485.00	\$86.00	\$134,332.00
12	PCC PAVEMENT SAMPLES AND TESTING	1 LS	\$1,000.00	\$1,000.00	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00	\$1,575.00	\$1,575.00
13	REMOVAL OF SIDEWALK	38 SY	\$18.00	\$684.00	\$25.30	\$961.40	\$20.00	\$760.00	\$29.25	\$1,111.50
14	REMOVAL OF DRIVEWAY	157 SY	\$18.00	\$2,826.00	\$9.00	\$1,413.00	\$20.00	\$3,140.00	\$28.60	\$4,490.20
15	SIDEWALK, PCC, 4 IN. THICK	13 SY	\$80.00	\$1,040.00	\$65.00	\$845.00	\$200.00	\$2,600.00	\$115.50	\$1,501.50
16	SIDEWALK, PCC, 6 IN. THICK	12 SY	\$120.00	\$1,440.00	\$78.52	\$942.24	\$200.00	\$2,400.00	\$341.25	\$4,095.00
17	DETECTABLE WARNING	24 SF	\$70.00	\$1,680.00	\$55.00	\$1,320.00	\$55.00	\$1,320.00	\$52.50	\$1,260.00
18	DRIVEWAY, PCC, 7 IN. THICK	86 SY	\$75.00	\$6,450.00	\$58.30	\$5,013.80	\$80.00	\$6,880.00	\$126.00	\$10,836.00
19	DRIVEWAY, PCC, 9 IN. THICK	111 SY	\$85.00	\$9,435.00	\$70.30	\$7,803.30	\$90.00	\$9,990.00	\$150.00	\$16,650.00
20	FULL DEPTH PATCH	50 SY	\$150.00	\$7,500.00	\$120.23	\$6,011.50	\$120.00	\$6,000.00	\$148.00	\$7,400.00
21	PAVEMENT REMOVAL	1705 SY	\$19.00	\$32,395.00	\$18.00	\$30,690.00	\$15.00	\$25,575.00	\$18.80	\$32,054.00
22	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	11.2 STA	\$150.00	\$1,680.00	\$350.00	\$3,920.00	\$550.00	\$6,160.00	\$370.00	\$4,144.00
23	PAINTED SYMBOLS AND LEGENDS, SOLVENT/WATERBORNE	1 EACH	\$250.00	\$250.00	\$150.00	\$150.00	\$250.00	\$250.00	\$157.50	\$157.50
24	TEMPORARY TRAFFIC CONTROL	1 LS	\$10,000.00	\$10,000.00	\$10,021.51	\$10,021.51	\$17,400.00	\$17,400.00	\$11,950.00	\$11,950.00
25	SOD	110 SQ	\$100.00	\$11,000.00	\$138.60	\$15,246.00	\$140.00	\$15,400.00	\$109.00	\$11,990.00
26	FILTER SOCK, 9 INCH DIA.	1000 LF	\$4.00	\$4,000.00	\$4.54	\$4,540.00	\$3.75	\$3,750.00	\$2.65	\$2,650.00
27	FILTER SOCK, REMOVAL	1000 LF	\$2.00	\$2,000.00	\$1.15	\$1,150.00	\$1.50	\$1,500.00	\$0.50	\$500.00
28	INLET PROTECTION DEVICE	1 EACH	\$500.00	\$500.00	\$224.25	\$224.25	\$400.00	\$400.00	\$210.00	\$210.00
29	MOBILIZATION	1 LS	\$41,185.00	\$41,185.00	\$25,000.00	\$25,000.00	\$42,500.00	\$42,500.00	\$33,804.30	\$33,804.30
30	MAINTENANCE OF POSTAL SERVICE	1 LS	\$1,000.00	\$1,000.00	\$1,828.12	\$1,828.12	\$3,000.00	\$3,000.00	\$525.00	\$525.00
31	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$1,000.00	\$1,000.00	\$431.25	\$431.25	\$4,000.00	\$4,000.00	\$525.00	\$525.00
32	REMOVE AND REINSTALL EXISTING SIGN AND POST	2 EACH	\$300.00	\$600.00	\$227.70	\$455.40	\$500.00	\$1,000.00	\$315.00	\$630.00
33	PROJECT SIGN, LOSST	2 EACH	\$350.00	\$700.00	\$561.20	\$1,122.40	\$700.00	\$1,400.00	\$170.00	\$340.00
<b>TOTAL CONSTRUCTION COST</b>				<b>\$400,000.00</b>		<b>\$427,492.90</b>		<b>\$437,210.00</b>		<b>\$455,000.00</b>
PERCENT OF ENGINEER'S ESTIMATE						+6.87%		+9.30%		+13.75%

TABULATED BY: N. Smith APPROVED BY: P. Wag  
CHECKED BY: \_\_\_\_\_

**CONTRACTOR'S BID TABULATION**  
PROJECT: S.E. 6TH STREET RECONSTRUCTION FROM E. HILLSIDE AVENUE TO E. EDISON AVENUE

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT		Concrete Technologies Inc. Grimes, IA		Absolute Concrete Construction, Inc Granger, IA		Jasper Construction Services, Inc Newton, IA	
			PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	TOPSOIL, OFF - SITE	120 CY	\$90.00	\$10,800.00	\$68.50	\$8,220.00	\$65.00	\$7,800.00	\$75.00	\$9,000.00
2	EXCAVATION, CLASS 10	650 CY	\$35.00	\$22,750.00	\$26.50	\$17,225.00	\$25.00	\$16,250.00	\$35.00	\$22,750.00
3	SUBGRADE PREPARATION, 6 IN. DEPTH	2100 SY	\$5.00	\$10,500.00	\$4.50	\$9,450.00	\$4.25	\$8,925.00	\$6.00	\$12,600.00
4	SUBGRADE TREATMENT - GEOGRID	2100 SY	\$6.00	\$12,600.00	\$4.50	\$9,450.00	\$4.00	\$8,400.00	\$4.50	\$9,450.00
5	SUBBASE, MODIFIED, 9 IN. THICK	2100 SY	\$23.00	\$48,300.00	\$23.50	\$49,350.00	\$22.35	\$46,935.00	\$25.00	\$52,500.00
6	SUBBASE, MODIFIED, EXTRA DEPTH	100 TON	\$40.00	\$4,000.00	\$49.50	\$4,950.00	\$47.05	\$4,705.00	\$40.00	\$4,000.00
7	SUBBASE, 3-INCH CLEAN, EXTRA DEPTH	100 TON	\$40.00	\$4,000.00	\$57.00	\$5,700.00	\$54.20	\$5,420.00	\$45.00	\$4,500.00
8	SUBDRAIN, LONGITUDINAL, 6 IN.	517 LF	\$25.00	\$12,925.00	\$52.50	\$27,142.50	\$25.70	\$13,286.90	\$55.00	\$28,435.00
9	SUBDRAIN OUTLET	1 EACH	\$1,000.00	\$1,000.00	\$525.00	\$525.00	\$3,240.00	\$3,240.00	\$1,500.00	\$1,500.00
10	PAVEMENT, PCC, 7 IN. THICK	140 SY	\$70.00	\$9,800.00	\$99.00	\$13,860.00	\$120.00	\$16,800.00	\$115.00	\$16,100.00
11	PAVEMENT, PCC, 9 IN. THICK	1562 SY	\$80.00	\$124,960.00	\$105.00	\$164,010.00	\$125.00	\$195,250.00	\$115.00	\$179,630.00
12	PCC PAVEMENT SAMPLES AND TESTING	1 LS	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00
13	REMOVAL OF SIDEWALK	38 SY	\$18.00	\$684.00	\$21.00	\$798.00	\$20.00	\$760.00	\$50.00	\$1,900.00
14	REMOVAL OF DRIVEWAY	157 SY	\$18.00	\$2,826.00	\$21.00	\$3,297.00	\$20.00	\$3,140.00	\$50.00	\$7,850.00
15	SIDEWALK, PCC, 4 IN. THICK	13 SY	\$80.00	\$1,040.00	\$106.00	\$1,378.00	\$60.00	\$780.00	\$110.00	\$1,430.00
16	SIDEWALK, PCC, 6 IN. THICK	12 SY	\$120.00	\$1,440.00	\$127.00	\$1,524.00	\$80.00	\$960.00	\$125.00	\$1,500.00
17	DETECTABLE WARNING	24 SF	\$70.00	\$1,680.00	\$53.50	\$1,284.00	\$60.00	\$1,440.00	\$75.00	\$1,800.00
18	DRIVEWAY, PCC, 7 IN. THICK	86 SY	\$75.00	\$6,450.00	\$74.50	\$6,407.00	\$90.00	\$7,740.00	\$125.00	\$10,750.00
19	DRIVEWAY, PCC, 9 IN. THICK	111 SY	\$85.00	\$9,435.00	\$85.00	\$9,435.00	\$120.00	\$13,320.00	\$150.00	\$16,650.00
20	FULL DEPTH PATCH	50 SY	\$150.00	\$7,500.00	\$255.00	\$12,750.00	\$200.00	\$10,000.00	\$150.00	\$7,500.00
21	PAVEMENT REMOVAL	1705 SY	\$19.00	\$32,395.00	\$16.00	\$27,280.00	\$15.00	\$25,575.00	\$20.00	\$34,100.00
22	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	11.2 STA	\$150.00	\$1,680.00	\$368.00	\$4,121.60	\$350.00	\$3,920.00	\$385.00	\$4,312.00
23	PAINTED SYMBOLS AND LEGENDS, SOLVENT/WATERBORNE	1 EACH	\$250.00	\$250.00	\$157.50	\$157.50	\$150.00	\$150.00	\$165.00	\$165.00
24	TEMPORARY TRAFFIC CONTROL	1 LS	\$10,000.00	\$10,000.00	\$9,150.00	\$9,150.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00
25	SOD	110 SQ	\$100.00	\$11,000.00	\$100.00	\$11,000.00	\$95.00	\$10,450.00	\$175.00	\$19,250.00
26	FILTER SOCK, 9 INCH DIA.	1000 LF	\$4.00	\$4,000.00	\$2.50	\$2,500.00	\$2.50	\$2,500.00	\$1.50	\$1,500.00
27	FILTER SOCK, REMOVAL	1000 LF	\$2.00	\$2,000.00	\$0.50	\$500.00	\$0.50	\$500.00	\$0.10	\$100.00
28	INLET PROTECTION DEVICE	1 EACH	\$500.00	\$500.00	\$210.00	\$210.00	\$200.00	\$200.00	\$25.00	\$25.00
29	MOBILIZATION	1 LS	\$41,185.00	\$41,185.00	\$67,500.00	\$67,500.00	\$50,000.00	\$50,000.00	\$60,000.00	\$60,000.00
30	MAINTENANCE OF POSTAL SERVICE	1 LS	\$1,000.00	\$1,000.00	\$1,670.00	\$1,670.00	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00
31	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$1,000.00	\$1,000.00	\$395.00	\$395.00	\$6,500.00	\$6,500.00	\$2,500.00	\$2,500.00
32	REMOVE AND REINSTALL EXISTING SIGN AND POST	2 EACH	\$300.00	\$600.00	\$347.00	\$694.00	\$300.00	\$600.00	\$330.00	\$660.00
33	PROJECT SIGN, LOSST	2 EACH	\$350.00	\$700.00	\$470.00	\$940.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00
<b>TOTAL CONSTRUCTION COST</b>				<b>\$400,000.00</b>		<b>\$473,373.60</b>		<b>\$496,546.90</b>		<b>\$528,957.00</b>
PERCENT OF ENGINEER'S ESTIMATE						+18.34%		+24.14%		+32.24%