

Roll Call Number

Agenda Item Number

58

DATE December 21, 2020

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON BELL AVENUE RECONSTRUCTION FROM S.W. 9TH STREET TO S.W. 12TH STREET; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS GRIMES ASPHALT AND PAVING CORPORATION, TIMOTHY MALLICOAT, PRESIDENT, \$451,347.26

WHEREAS, on November 9, 2020, under Roll Call No. 20-1743, 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:

Bell Avenue Reconstruction from S.W. 9th Street to S.W. 12th Street, 062021001

The improvement includes Portland Cement Concrete (PCC) pavement, Hot Mix Asphalt (HMA) paving, PCC sidewalks, removals, earthwork, storm sewer, intakes, sanitary sewer spot repairs, subdrain, pavement markings, traffic control, erosion control, and surface restoration; all in accordance with the contract documents, including Plan File Nos. 620-057/115, located at Bell Avenue from S.W. 9th Street to S.W. 12th Street, S.W. 12th Street near Loomis Avenue, Stanton Avenue between Fleur Drive and S.W. 31st Street and Lay Street between E. Madison Avenue and E. Douglas Avenue in 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, I OWA: 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:



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Grimes Asphalt and Paving Corporation, Des Moines, IA
Synergy Contracting, LLC, Bondurant, IA
Rognes Corp., Ankeny, IA
Hawkeye Paving Corporation, Bettendorf, IA
TK Concrete, Inc., Pella, IA
InRoads, LLC, Des Moines, IA
MPS Engineers, P.C. dba Kingston Services, P.C., Des Moines, IA
Spring Lake Construction, Inc., Polk City, IA
Minturn, Inc., Brooklyn, IA
OMG Midwest, Inc. dba Des Moines Asphalt & Paving, Ankeny, 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 24, 2020. 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 Grimes Asphalt and Paving Corporation, Timothy Mallicoat, President, 5550 NE 22nd Street, Des Moines, IA, 50313 in the amount of \$451,347.26, 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.

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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. 20-543)

	4
Moved by	to approve.

FORM APPROVED:

FUNDS APPROVED

s/Kathleen Vanderpool

Kathleen Vanderpool Deputy City Attorney Nickolas J. Schaul Director of Finance

Funding Source: 2020-2021 CIP, Page Street – 37, Roadway Rehabilitation – Residential, ST013, G. O. Bonds, Being: \$279,642.50 G.O. Bonds, \$21,640.04 in G.O. bonds transferred from ST269, \$137,942.72 in G.O. bonds transferred from TR031; and the remaining \$12,122.00 in Sanitary Sewer Funds

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
GATTO				
GRAY				
MANDELBAUM				
VOSS				
WESTERGAARD				
TOTAL				
MOTION CARRIED	L		A	PPROVED

CERTIFICATE

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

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

City Clerk	
City Citin	

Mavor

Rognes Corporation

Ankeny, IA

Synergy Contracting, LLC

Altoona, IA

DEPARTMENT OF ENGINEERING CITY OF DES MOINES, IOWA

06-2021-001

Grimes Asphalt and

Paving Corporation

Des Moines, IA

off for bed monted, forme		BID DATE: 11/24/20
TABULATED BY: L.A. Vaughan	APPROVED BY Calvin Miller	
CHECKED BY: Christopher Kuhl		
Including SW 12TH ST. RAISED	N RUCTION FROM SW 9TH ST. TO SW 12TH CROSSWALK AT LOOMIS AVE. and FANTON AVE. AND LAY ST.	ST.

PROJE	RACTOR'S BID TABULATION ECT: BELL AVE. RECONSTRUCTION FROM SW 9TH ST. TO SW 12 ng SW 12TH ST. RAISED CROSSWALK AT LOOMIS AVE. and SPEED TABLES ON STANTON AVE. AND LAY ST.	BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond				
	ESTIMATE				BID PRICE		BID PRICE		BID PR	ICE
			UNIT		UNIT		UNIT		UNIT	
ITEM	DESCRIPTION	QUANTITY	PRICE	<u>AMOUNT</u>	PRICE	AMOUNT		AMOUNT	PRICE	AMOUNT
DIV. 1	- BELL AVENUE RECONSTRUCTION PROJECT									
	EXCAVATION, CLASS 10	70 CY	\$30.00	\$2,100.00	\$79.00	\$5,530.00	\$30.00	\$2,100.00	\$75.00	\$5,250.00
	SUBGRADE TREATMENT - GEOGRID	408 SY	\$4.00	\$1,632.00	\$3.00	\$1,224.00	\$3.00	\$1,224.00	\$2.50	\$1,020.00
	SUBGRADE TREATMENT - CEMENT	70 TON	\$400.00	\$28,000.00	\$474.00	\$33,180.00	\$492.00	\$34,440.00	\$600.00	\$42,000.00
4	SUBBASE, MODIFIED, 6 IN. THICK	408 SY	\$20.00	\$8,160.00	\$17.00	\$6,936.00	\$12.00	\$4,896.00	\$16.00	\$6,528.00
5	SUBBASE, MODIFIED, EXTRA DEPTH	120 TON	\$32.00	\$3,840.00	\$37.00	\$4,440.00	\$24.00	\$2,880.00	\$35.00	\$4,200.00
6	SUBBASE, 3-INCH CLEAN, EXTRA DEPTH	20 TON	\$35.00	\$700.00	\$42.00	\$840.00	\$42.00	\$840.00	\$40.00	\$800.00
7	SUBDRAIN, LONGITUDINAL, 6 IN.	306 LF	\$25.00	\$7,650.00	\$17.00	\$5,202.00	\$24.00	\$7,344.00	\$24.00	\$7,344.00
8	SUBDRAIN OUTLET	4 EACH	\$900.00	\$3,600.00	\$1,100.00	\$4,400.00	\$960.00	\$3,840.00	\$900.00	\$3,600.00 \$6,600.00
9	RECONNECT SANITARY SEWER SERVICE	2 EACH	\$4,000.00	\$8,000.00	\$900.00	\$1,800.00	\$960.00	\$1,920.00	\$3,300.00	\$26,700.00
	SEWER SPOT REPAIR BY PIPE REPLACEMENT (BY COUNT)	3 EACH	\$12,000.00	\$36,000.00	\$1,650.00	\$4,950.00	\$3,360.00	\$10,080.00 \$4,386.00	\$8,900.00 \$295.00	\$5,015.00
11	SEWER SPOT REPAIR BY PIPE REPLACEMENT (BY LENGTH)	17 LF	\$300.00	\$5,100.00	\$316.00	\$5,372.00	\$258.00 \$6,000.00	\$6,000,00	\$4,500,00	\$4,500.00
12	INTAKE, SW-501	1 EACH	\$5,000.00	\$5,000.00	\$7,400.00	\$7,400.00		\$2,400.00	\$1,350.00	\$1,350.00
13	MANHOLE ADJUSTMENT, MINOR	1 EACH	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00	\$2,400.00 \$3,600.00	\$18,000.00	\$3,500.00	\$17,500.00
14	MANHOLE ADJUSTMENT, MAJOR	5 EACH	\$4,000.00	\$20,000.00	\$3,600.00	\$18,000.00	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00
15	INTAKE ADJUSTMENT, MAJOR	1 EACH	\$4,000.00	\$4,000.00	\$4,425.00	\$4,425.00	\$600.00	\$600.00	\$1,500.00	\$1,500.00
16	REMOVE INTAKE	1 EACH	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00 \$12,800.00	\$42.00	\$16,800.00	\$65.00	\$26,000.00
17	BEAM CURB	400 LF	\$35.00	\$14,000.00	\$32.00 \$27.50	\$77,962.50	\$33.00	\$93,555.00	\$27.50	\$77,962.50
18	FULL DEPTH HMA PAVING	2835 SY	\$40.00	\$113,400.00		\$550.00	\$550.00	\$550.00	\$500.00	\$500.00
19	HMA PAVEMENT SAMPLES AND TESTING	1 LS	\$1,000.00	\$1,000.00	\$550.00 \$26.00	\$598.00	\$24.00	\$552.00	\$45.00	\$1,035.00
20	REMOVAL OF SIDEWALK	23 SY	\$20.00	\$460.00 \$1,840.00	\$26.00 \$79.00	\$1,817.00	\$72.00	\$1,656.00	\$75.00	\$1,725.00
21	SIDEWALK, PCC, 4 IN. THICK	23 SY	\$80.00	\$9,600.00	\$158.00	\$5,056.00	\$120.00	\$3,840.00	\$175.00	\$5,600.00
22	FULL DEPTH PATCH	32 SY	\$300.00 \$15.00	\$43,500.00	\$17.00	\$49,300.00	\$24.00	\$69,600.00	\$18.00	\$52,200.00
23	PAVEMENT REMOVAL	2900 SY 1 LS	\$5,000.00	\$5,000.00	\$3,300.00	\$3,300.00	\$5,700.00	\$5,700.00	\$3,100.00	\$3,100.00
24	TEMPORARY TRAFFIC CONTROL	1 LS 2 SQ	\$5,000.00 \$95.00	\$190.00	\$316.00	\$632.00	\$360.00	\$720.00	\$300.00	\$600.00
25	SOD	2 SQ 1 LS	\$20,128.00	\$20,128.00	\$28,200.00	\$28,200.00	\$11,400.00	\$11,400.00	\$25,000.00	\$25,000.00
26	MOBILIZATION	1 LS	\$1,000.00	\$1,000.00	\$2,650.00	\$2,650.00	\$3,600.00	\$3,600.00	\$1,500.00	\$1,500.00
27	MAINTENANCE OF POSTAL SERVICE	1 LS	\$2,000.00	\$2,000.00	\$1,600.00	\$1,600.00	\$3,600.00	\$3,600.00	\$1,500.00	\$1,500.00
28	MAINTENANCE OF SOLID WASTE COLLECTION	1 23	Ψ2,000.00	\$348,400.00	ψ1,000.00	\$291,764.50	+-1	\$315,523.00	• •	\$334,129.50
	SUBTOTAL DIV. 1 (BELL AVE. PAVING PROJECT)			\$340,400.00		V 20 (), 0		,,		
DIV. 2	2 - BELL AVENUE RAISED CROSSWALK AT LINCOLN HIGH SCHOOL				****	05 005 00	#06.00	&C 040 00	\$105.00	\$6,615.00
29	PAVEMENT, PCC, 6 IN. THICK	63 SY	\$90.00	\$5,670.00	\$95.00	\$5,985.00	\$96.00	\$6,048.00	• •	\$3,230.00
30	BEAM CURB	34 LF	\$35.00	\$1,190.00		\$1,088.00	\$60.00	\$2,040.00	\$95.00 \$40.00	\$1,600.00
31	REMOVAL OF SIDEWALK	40 SY	\$20.00	\$800.00		\$1,040.00	\$24.00	\$960.00 \$288.00	\$40.00 \$40.00	\$1,600.00
32	REMOVAL OF DRIVEWAY	12 SY	\$20.00	\$240.00	E .	\$312.00	\$24.00		\$75.00	\$1,650.00
33	SIDEWALK, PCC, 4 IN. THICK	22 SY	\$80.00	\$1,760.00	\$79.00	\$1,738.00	\$72.00	\$1,584.00	Φ/ 5.00	ψ1,000.00



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			UNIT		UNIT		UNIT		UNIT	
ITEM	DESCRIPTION	QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT		AMOUNT	PRICE	AMOUNT
34	SIDEWALK, PCC, 6 IN. THICK	22 SY	\$90.00	\$1,980.00	\$95.00	\$2,090.00	\$96.00	\$2,112.00	\$85.00	\$1,870.00
	DETECTABLE WARNING	24 SF	\$60.00	\$1,440.00	\$53.00	\$1,272.00	\$72.00	\$1,728.00	\$55.00	\$1,320.00
	DRIVEWAY, PCC, 6 IN. THICK	7 SY	\$90,00	\$630.00	\$106.00	\$742.00	\$96.00	\$672.00	\$90.00	\$630.00
	GROOVED-IN PAVEMENT MARKINGS, INTERSECTION MARKING TAPE	1.44 STA	\$600.00	\$864.00	\$1,000.00	\$1,440.00	\$800.00	\$1,152.00	\$600.00	\$864.00
	GROOVED-IN PRE-CUT SYMB AND LEGENDS, INTERSECTION MARKING	2 EACH	\$400.00	\$800.00	\$475.00	\$950.00	\$480.00	\$960.00	\$425.00	\$850.00
	GROOVES CUT FOR PAVEMENT MARKINGS	1.44 STA	\$200.00	\$288.00	\$863.00	\$1,242.72	\$800.00	\$1,152.00	\$375.00	\$540.00
	GROOVES CUT FOR SYMBOLS AND LEGENDS	2 EACH	\$150.00	\$300.00	\$211.00	\$422.00	\$210.00	\$420.00	\$250.00	\$500.00
	SOD	3 SQ	\$95.00	\$285.00	\$316.00	\$948.00	\$360.00	\$1,080.00	\$350.00	\$1,050.00
	TRAFFIC SIGNS	31.26 SF	\$50.00	\$1,563.00	\$32.00	\$1,000.32	\$50.00	\$1,563.00	\$30.00	\$937.80
	SIGN POSTS	4 EACH	\$300.00	\$1,200.00	\$211.00	\$844.00	\$180.00	\$720.00	\$200.00	\$800.00
	REMOVE TRAFFIC SIGN AND POST	2 EACH	\$200.00	\$400.00	\$263.00	\$526.00	\$120.00	\$240.00	\$250.00	\$500.00
	SUBTOTAL DIV. 2 (BELL AVENUE RAISED CROSSWALK AT LINCOLN HIG	H SCHOOL)		\$19,410.00		\$21,640.04		\$22,719.00		\$23,436.80
		,								
	- SW 12TH STREET RAISED CROSSWALK AT LOOMIS AVENUE	05.00	eaa aa	\$750.00	\$84.00	\$2,100.00	\$30.00	\$750.00	\$85.00	\$2,125.00
	EXCAVATION, CLASS 10	25 CY	\$30.00		\$3.00	\$420.00	\$3.00	\$420.00	\$6.00	\$840.00
	SUBGRADE TREATMENT - GEOGRID	140 SY	\$4.00	\$560.00		\$2,940.00	\$18.00	\$2,520.00	\$20.00	\$2,800.00
	SUBBASE, MODIFIED, 8 IN. THICK	140 SY	\$25.00	\$3,500.00	\$21.00		\$144.00	\$6,480.00	\$205.00	\$9,225.00
	STORM SEWER, TRENCHED, 15 IN. DIA.	45 LF	\$120.00	\$5,400.00	\$93.00	\$4,185.00 \$2,900.00	\$150.00	\$4,350.00	\$210.00	\$6,090.00
	STORM SEWER, TRENCHED, 18 IN. DIA.	29 LF	\$140.00	\$4,060.00	\$100.00	\$2,900.00	\$24.00	\$1,632.00	\$24.00	\$1,632.00
50	SUBDRAIN, LONGITUDINAL, 6 IN.	68 LF	\$25.00	\$1,700.00	\$27.00		\$960.00	\$960.00	\$900.00	\$900.00
51	SUBDRAIN OUTLET	1 EACH	\$900.00	\$900.00	\$1,300.00	\$1,300.00	\$9,000.00	\$9,000.00	\$6,600.00	\$6,600.00
52	INTAKE, TYPE SW-505	1 EACH	\$6,500.00	\$6,500.00	\$10,000.00	\$10,000.00	\$10,200.00	\$10,200.00	\$6,500.00	\$6,500.00
53	INTAKE, TYPE SW-506	1 EACH	\$6,500.00	\$6,500.00	\$13,200.00	\$13,200.00	\$10,200.00	\$11,160.00	\$7,900.00	\$7,900.00
54	INTAKE, TYPE SW-509	1 EACH	\$6,500.00	\$6,500.00	\$13,850.00	\$13,850.00 \$4,500.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00
55	CONNECTION TO EXISTING MANHOLE	1 EACH	\$1,000.00	\$1,000.00	\$4,500.00		\$3,000.00 \$96.00	\$11,424.00	\$75.00	\$8,925.00
56	PAVEMENT, PCC, 6 IN. THICK	119 SY	\$90.00	\$10,710.00	\$95.00	\$11,305.00	\$60.00	\$1,860.00	\$75.00	\$2,325.00
57	CURB AND GUTTER, 1.5' WIDE, 6 IN. THICK	31 LF	\$40.00	\$1,240.00	\$37.00	\$1,147.00	\$24.00	\$936.00	\$40.00	\$1,560.00
58	REMOVAL OF SIDEWALK	39 SY	\$20.00	\$780.00	\$26.00	\$1,014.00	\$72.00	\$1,368.00	\$75.00	\$1,425.00
59	SIDEWALK, PCC, 4 IN. THICK	19 SY	\$80.00	\$1,520.00	\$79.00	\$1,501.00	\$96.00	\$2,592.00	\$85.00	\$2,295.00
60	SIDEWALK, PCC, 6 IN. THICK	27 SY	\$90.00	\$2,430.00	\$95.00	\$2,565.00	\$72.00	\$2,880.00	\$50.00	\$2,000.00
61	DETECTABLE WARNING	40 SF	\$60.00	\$2,400.00	\$53.00	\$2,120.00	\$72.00 \$24.00	\$2,976.00	\$30.00	\$3,720.00
62	PAVEMENT REMOVAL	124 SY	\$15.00	\$1,860.00	\$21.00	\$2,604.00	\$800.00	\$1,152.00	\$600.00	\$864.00
63	GROOVED-IN PAVEMENT MARKINGS, INTERSECTION MARKING TAPE	1.44 STA	\$600.00	\$864.00	\$1,000.00	\$1,440.00	· ·	\$960.00	\$425.00	\$850.00
64	GROOVED-IN PRE-CUT SYMB AND LEGENDS, INTERSECTION MARKING	2 EACH	\$400.00	\$800.00	\$475.00	\$950.00	\$480.00 \$800.00	\$1,152.00	\$375.00	\$540.00
65	GROOVES CUT FOR PAVEMENT MARKINGS	1.44 STA	\$200.00	\$288.00	\$863.00	\$1,242.72	\$210.00	\$420.00	\$250.00	\$500.00
66	GROOVES CUT FOR SYMBOLS AND LEGENDS	2 EACH	\$150.00	\$300.00	\$211.00	\$422.00		\$5,700.00	\$3,100.00	\$3,100.00
67	TEMPORARY TRAFFIC CONTROL	1 LS	\$4,000.00	\$4,000.00	\$3,300.00	\$3,300.00	\$3,700.00	\$4,320.00	\$300.00	\$3,600.00
68	SOD	12 SQ	\$95.00	\$1,140.00	\$316.00	\$3,792.00	· ·	\$2,400.00	\$15,500.00	\$15,500.00
69	MOBILIZATION	1 LS	\$5,613.00	\$5,613.00	\$20,000.00	\$20,000.00	\$2,400.00	\$1,800.00	\$30.00	\$1,125.00
70	TRAFFIC SIGNS	37.5 SF	\$50.00	\$1,875.00	\$32.00	\$1,200.00	1	\$7,800.00	\$200.00	\$800.00
71	SIGN POSTS	4 EACH	\$300.00	\$1,200.00	\$211.00	\$844.00		\$600.00	\$250.00	\$1,250.00
72	RELOCATE TRAFFIC SIGN AND POST	5 EACH	\$300.00	\$300.00	\$263.00	\$1,315.00	1		φ250.00	\$97,491.00
	SUBTOTAL DIV. 3 (SW 12TH STREET RAISED CROSSWALK AT LOOMIS	AVENUE)		\$74,690.00		\$113,992.72		\$93,732.00		\$31,431.00
DIV 4	4 - STANTON AVENUE AND LAY STREET SPEED TABLES									
73	SPEED TABLE, STANTON AVENUE	5 EACH	\$7,500.00	\$37,500.00	\$3,950.00	\$19,750.00	1	\$20,700.00	\$5,000.00	\$25,000.00
74	SPEED TABLE, LAY STREET	1 EACH	\$10,000.00	\$10,000.00	\$4,200.00	\$4,200.00	\$4,140.00	\$4,140.00	\$5,000.00	\$5,000.00
	SUBTOTAL DIV. 4 (STANTON AVENUE AND LAY STREET SPEED TABLE	ES)		\$47,500.00		\$23,950.00	1	\$24,840.00		\$30,000.00
	•							A		£405.057.20
	TOTAL CONSTRUCTION COST (DIV. 1+DIV. 2+DIV. 3+Div. 4)			\$490,000.00		\$451,347.26	i .	\$456,814.00		\$485,057.30
	PERCENT OF ENGINEER'S ESTIMATE					-7.89%	•	-6.77%		-1.01%
						LOW	!			

Hawkeye Paving Corp.

Bettendorf, IA

BID SECURITY

10% Bid Bond



InRoads LLC

Des Moines, IA
BID SECURITY

10% Bid Bond

TK Concrete, Inc.

Pella, IA

BID SECURITY

10% Bid Bond

BID DATE: 11/24/20										
TABULATED BY: L.A. Vaughan APPROVED BY										
CHECKED BY: Christopher Kuhl										
CONTRACTOR'S BID TABULATION PROJECT: BELL AVE. RECONSTRUCTION FROM SW 9TH ST. TO SW 12TH ST. Including SW 12TH ST. RAISED CROSSWALK AT LOOMIS AVE. and SPEED TABLES ON STANTON AVE. AND LAY ST.										
ESTIMATE										

26 MOBILIZATION 1 LS \$20,128.00 \$20,128.00 \$500.00 \$1,000.00 \$750.00 \$750.00 \$750.00 \$750.00 \$750.00 \$1,000.00 \$1,		ESTIMATE	BID PRICE		BID PRICE		BID PR	ICE			
Tempor T				UNIT				UNIT			
EXCAVATION, CLASS 10 \$40,00 \$2,00,00 \$2,00,00 \$3,00,00	<u>ITEM</u>	DESCRIPTION	QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT		AMOUNT	PRICE	AMOUNI
1 EXCAVATION, CLASS 10 SUBGRADE TREATMENT - GEOGRID SUBGRADE TREATMENT - CEMENT 70 TON \$400.00 \$28,000.00 \$45,000 \$31,500.00 \$31,500.00 \$32,500.00 \$31,500.00 \$37,700 \$32,000.00 \$31,500.00 \$31,500.00 \$32,500.00 \$31,500.00 \$32,500.00 \$34,000.00 \$31,500.00 \$34,000.00 \$31,500.00 \$34,000.00 \$31,500.00 \$34,000.00 \$31,500.00 \$34,000.00 \$31,500.00 \$34,000.00 \$31,500.00 \$34,000.00 \$31,500.00 \$34,000.00 \$31,500.00 \$34,000.00 \$31,500.00	DIV. 1	BELL AVENUE RECONSTRUCTION PROJECT									
SUBGRADE TREATMENT - GEMENT 70 TON \$400.00 \$1,632.00 \$1,632.00 \$1,632.00 \$1,632.00 \$3,630.00 \$3,	1	EXCAVATION, CLASS 10	70 CY	\$30.00	\$2,100.00						
3 SUBGRADE TREATMENT - CEMENT			408 SY	\$4.00	\$1,632.00	\$4.00	1				
SUBBASE, MODIFIED, 6 IN. THICK SUBBASE, MODIFIED, 5 IN. THICK SUBBASE, MODIFIED, 6 IN. 4 EACH SUBBASE, MODIFIED, 6 IN. 5 SUBBASE,			70 TON	\$400.00	\$28,000.00						
\$\subarase_Modified_Extra Depth	-		408 SY	\$20.00	\$8,160.00	\$23.00					
SUBBRASE, SINCH CLEAN, EXTRA DEPTH 20 TON \$35.00 \$77,00.00 \$50.00 \$15,00.00 \$4,00.00 \$80.00.0 \$90.00.00 \$5,997.60 \$10.00 \$10.00.00 \$4,00.00 \$20.00.00 \$5,00.00 \$10.00.00 \$5,997.60 \$10.00 \$20.00.00 \$1,00		·	120 TON	\$32.00	\$3,840.00	\$40.00					
SUBDRAIN, LONGITUDINAL, 6 IN 4 EACH \$325.00 \$7,650.00 \$4,000.00 \$4,000.00 \$52,00.00 \$59,00.00 \$5	_		20 TON	\$35.00	\$700.00						
8 SUBDRAIN OUTLET 9 RECONNECT SANTARY SEWER SERVICE 1 EACH \$4,000.00 \$3,000.00 \$1,000.00 \$2,000.00 \$3,000.	_		306 LF	\$25.00	\$7,650.00	\$16.00	\$4,896.00				
RECONNECT SANTARY SEWER SERVICE 2 EACH \$4,000.00 \$3,000.00 \$2,000.00 \$5,000.00 \$5,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$2,000.00 \$5,000.00 \$3,000.00			4 EACH	\$900.00	\$3,600.00	\$1,000.00	\$4,000.00	•			
10 SEWER SPOT REPAIR BY PIPE REPLACEMENT (BY COUNT) 17 LF 3300.00 \$36,000.00	_	# = = = · · · · · · · ·	2 EACH	\$4,000.00	\$8,000.00	\$1,000.00	\$2,000.00				
11 SEWER SPOT REPAIR BY PIPE REPLACEMENT (BY LENGTH) 1 1 EACH \$5,000.00 \$5,000.00 \$9,500.00 \$7,500.00 \$7,500.00 \$5,950.00 \$7,500.00 \$5,950.00 \$7,500.00 \$5,950.00 \$7,500.00 \$5,950.00 \$7,500.00 \$5,950.00 \$7,500.00 \$5,950.00 \$7,500.00 \$5,950.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,000.00 \$1,			3 EACH	\$12,000.00	\$36,000.00	\$2,000.00	\$6,000.00				
12 INTAKE, SW-501 13 MANHOLE ADJUSTMENT, MINOR 1 EACH \$5,000.00 \$5,000.00 \$3,500.00 \$2,960.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$2,960.00 \$2,960.00 \$1,500.00 \$2,000.00 \$1,500.00 \$2,000.00 \$1,500.00 \$2,000.00 \$1,500.00 \$2,000.00 \$2	11	SEWER SPOT REPAIR BY PIPE REPLACEMENT (BY LENGTH)	17 LF	\$300.00	\$5,100.00	\$350.00	\$5,950.00				
MANHOLE ADJUSTMENT, MINOR			1 EACH	\$5,000.00	\$5,000.00	\$9,500.00	\$9,500.00	\$7,500.00	\$7,500.00		
MANHOLE ADJUSTMENT, MAJOR		•	1 EACH	\$1,500.00	\$1,500.00	\$3,500.00	\$3,500.00	\$2,950.00			
15 INTAKE ADJUSTMENT, MAJOR		·			\$20,000.00	\$4,600.00	\$23,000.00	\$3,500.00			
1 EACH \$1,0000 \$1,000.			1 EACH	\$4,000.00	\$4,000.00	\$6,400.00	\$6,400.00	\$3,500.00			
BEAM CURB			1 EACH	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,500.00			
## FULL DEPTH HMA PAVING			400 LF	\$35.00	\$14,000.00	\$65.00	\$26,000.00	\$35.00		•	
1 LS \$1,000.00 \$1,000.00 \$500.00 \$500.00 \$1,500.00 \$1,250.00 \$1,22			2835 SY	\$40.00	\$113,400.00	\$32.00	\$90,720.00	\$31.00	\$87,885.00		
20 REMOVAL OF SIDEWALK 23 SY \$20.00 \$460.00 \$20.00 \$460.00 \$27.00 \$621.00 21 SIDEWALK, PCC, 4 IN. THICK 23 SY \$80.00 \$1,840.00 \$120.00 \$75.00 \$175.00 \$155.00 \$3,565.00 22 FULL DEPTH PATCH 32 SY \$300.00 \$9,600.00 \$22.00 \$7,040.00 \$150.00 \$4,800.00 \$3,565.00 23 PAVEMENT REMOVAL 2900 SY \$15.00 \$43,500.00 \$10.00 \$29,000.00 \$150.00 \$46,000 \$10.00 \$29,000.00 \$10.00 \$29,000.00 \$10.00 \$29,000.00 \$10.00 \$29,000.00 \$10.00 \$20,000.00 \$10.00 \$10.00 \$20,000.00 \$10.00 \$10.00 \$20,000.00 \$10.00 \$20,000.00 \$10.00 \$10.00 \$20,000.00 \$10.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 <td< td=""><td></td><td></td><td></td><td>\$1,000.00</td><td>\$1,000.00</td><td>\$500.00</td><td>\$500.00</td><td>\$1,500.00</td><td>\$1,500.00</td><td></td><td></td></td<>				\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00		
21 SIDEWALK, PCC, 4 IN. THICK 22 SY \$80.00 \$1,840.00 22 FULL DEPTH PATCH 23 SY \$300.00 \$9,600.00 23 PAVEMENT REMOVAL 24 TEMPORARY TRAFFIC CONTROL 25 SOD 26 MOBILIZATION 27 MAINTENANCE OF POSTAL SERVICE 28 MAINTENANCE OF SOLID WASTE COLLECTION 29 MAINTENANCE OF SOLID WASTE COLLECTION 29 PAVEMENT, PCC, 6 IN. THICK 23 SY \$80.00 \$1,840.00 29 PAVEMENT, PCC, 6 IN. THICK 23 SY \$80.00 \$1,840.00 2900 SY \$15.00 \$43,500.00 2900 SY \$15.00 \$43,500.00 2900 SY \$15.00 \$29,000.00 35,000.00 36,000.00 36,000.00 36,000.00 36,000.00 36,000.00 36,000.00 36,000.00 36,000.00 37,000.0	• -			•	\$460.00	\$20.00	\$460.00	\$20.00	\$460.00		
21 SILL DEPTH PATCH 22 FULL DEPTH PATCH 23 SY \$300.00 \$9,600.00 \$100.00 \$150.00 \$4,800.00 \$190.00 \$6,000.00 \$100.00 \$6,000.00 \$1,000.00 \$6,000.00 \$1,000.00					\$1,840.00	\$120.00	\$2,760.00	\$75.00	\$1,725.00	•	
22 PAVEMENT REMOVAL 2900 SY \$15.00 \$43,500.00 \$10.00 \$29,000.00 \$12.50 \$36,250.00 \$41,000.00 \$6,					\$9,600.00	\$220.00	\$7,040.00	\$150.00	\$4,800.00		
24 TEMPORARY TRAFFIC CONTROL 25 SOD 2 SQ \$95.00 \$190.00 25 SOD 30 MOBILIZATION 1 LS \$20,128.00 \$20,128.00 26 MAINTENANCE OF POSTAL SERVICE 1 LS \$1,000.00 \$1,000.00 27 MAINTENANCE OF SOLID WASTE COLLECTION 28 MAINTENANCE OF SOLID WASTE COLLECTION 30 SUBTOTAL DIV. 1 (BELL AVE. PAVING PROJECT) DIV. 2 - BELL AVENUE RAISED CROSSWALK AT LINCOLN HIGH SCHOOL 29 PAVEMENT, PCC, 6 IN. THICK 30 BEAM CURB 31 REMOVAL OF SIDEWALK 40 SY \$20.00 32 REMOVAL OF DRIVEWAY 1 LS \$5,000.00 \$5,000.00 \$7,000.00 \$5,000.00 \$500.00 \$37,000.00 \$37,000.00 \$37,000.00 \$30,692.00 \$30,000 \$37,000.00 \$37,000.00 \$37,000.00 \$37,000.00 \$37,000.00 \$37,000.00 \$37,000.00 \$37,000.00 \$37,000.00 \$37,000.00 \$30,692.00 \$30,692.00 \$30,692.00 \$30,692.00 \$30,692.00 \$30,692.00 \$30,692.00 \$30,692.00 \$30,000 \$37,000.00 \$3					\$43,500.00	\$10.00	\$29,000.00	\$12.50	\$36,250.00	\$17.00	
25 SOD 2 SQ \$95.00 \$190.00 \$250.00 \$500.00 \$37,000.00 \$320.00 \$30,692.00 \$30,692.00 \$31,000.00 \$31,					\$5,000.00	\$7,000.00	\$7,000.00	\$6,000.00	\$6,000.00	\$6,100.00	
26 MOBILIZATION 1 LS \$20,128.00 \$35,000.00 \$37,000.00 \$37,000.00 \$30,692.00 \$					\$190.00		\$500.00	\$500.00	\$1,000.00	\$320.00	
27 MAINTENANCE OF POSTAL SERVICE 28 MAINTENANCE OF SOLID WASTE COLLECTION 29 PAVEMENT, PCC, 6 IN. THICK 30 BEAM CURB 31 REMOVAL OF SIDEWALK 32 REMOVAL OF DRIVEWAY 31 REMOVAL OF DRIVEWAY 32 REMOVAL OF DRIVEWAY 31 REMOVAL OF DRIVEW					\$20,128,00	\$35,000.00	\$35,000.00	\$37,000.00	\$37,000.00	\$30,692.00	\$30,692.00
27 MAINTENANCE OF FOSTIAL SERVICE 28 MAINTENANCE OF SOLID WASTE COLLECTION SUBTOTAL DIV. 1 (BELL AVE. PAVING PROJECT) DIV. 2 - BELL AVENUE RAISED CROSSWALK AT LINCOLN HIGH SCHOOL 29 PAVEMENT, PCC, 6 IN. THICK 63 SY \$90.00 \$5,670.00 \$100.00 \$6,300.00 \$1,00.00 \$36,00.00 \$1,224						\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$750.00	\$750.00
SUBTOTAL DIV. 1 (BELL AVE. PAVING PROJECT) DIV. 2 - BELL AVENUE RAISED CROSSWALK AT LINCOLN HIGH SCHOOL 29 PAVEMENT, PCC, 6 IN. THICK 30 BEAM CURB 31 REMOVAL OF SIDEWALK 40 SY \$20.00 \$35.00 \$1,190.00 \$2,550.00 \$20.00 \$350.00 \$1,224.00 \$20.00 \$310.00 \$20.00 \$310.00 \$20.00 \$310.00 \$							\$500.00	\$1,500.00	\$1,500.00	\$1,100.00	\$1,100.00
DIV. 2 - BELL AVENUE RAISED CROSSWALK AT LINCOLN HIGH SCHOOL 29 PAVEMENT, PCC, 6 IN. THICK 30 BEAM CURB 31 REMOVAL OF SIDEWALK 40 SY \$20.00 \$1,040.00 \$2,550.00 \$100.00 \$6,300.00 \$1,190.00 \$36.00 \$1,224.00 \$1,040.	28		, 20	42,000.00			\$313,842.00		\$305,566.00		\$325,432.80
29 PAVEMENT, PCC, 6 IN. THICK 63 SY \$90.00 \$5,670.00 \$100.00 \$6,300.00 \$100.00 \$5,300.00 \$3,100.					, ,						
29 PAVEMENT, PCC, 6 IN. THICK 33 BEAM CURB 34 LF \$35.00 \$1,190.00 \$75.00 \$2,550.00 \$35.00 \$1,190.00 \$36.00 \$1,224.00 31 REMOVAL OF SIDEWALK 32 REMOVAL OF DRIVEWAY 33 REMOVAL OF DRIVEWAY 34 LF \$35.00 \$1,190.00 \$75.00 \$2,550.00 \$20.00	DIV. 2	2 - BELL AVENUE RAISED CROSSWALK AT LINCOLN HIGH SCHOOL				0400.00	#C 000 00	6100.00	&E 300 00	\$82.00	\$5 166 00
30 BEAM CURB 34 LF \$35.00 \$1,190.00 \$20.00 \$800.00 \$20.00 \$800.00 \$26.00 \$1,040.00 \$31 REMOVAL OF SIDEWALK 40 SY \$20.00 \$	29	PAVEMENT, PCC, 6 IN. THICK						•			
31 REMOVAL OF SIDEWALK 40 \$7 \$20.00 \$240.00 \$240.00 \$25.00 \$300.00 \$26.00 \$312.00 \$32 REMOVAL OF DRIVEWAY 520.00 \$240.00 \$240.00 \$240.00 \$25.00 \$300.00 \$155.00 \$3630.00	30	BEAM CURB		•							
32 REMOVAL OF DRIVEWAY 12 51 \$20.00 \$2.00 \$2.00 \$2.00 \$2.00 \$3.630.00 \$3.630.00	31	REMOVAL OF SIDEWALK				·					
33 SIDEMALK RCC 4 IN THICK 22 SY \$80.00 \$1,760.00 \$120.00 \$2,640.00 \$100.00 \$2,200.00 \$105.00 \$3,000.00	32	REMOVAL OF DRIVEWAY			· ·	· ·					
35 SIDEWALK, FOO, 4 III. THOK	33	SIDEWALK, PCC, 4 IN. THICK	22 SY	\$80.00	\$1,760.00	\$120.00	\$2,640.00	\$100.00	\$2,200.00	J \$100.00	\$3,030.00J



			UNIT		UNIT		UNIT		UNIT	
	DESCRIPTION	QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT		AMOUNT	PRICE	AMOUNT
ITEM	DESCRIPTION	22 SY	\$90.00	\$1,980.00	\$130.00	\$2,860.00	\$110.00	\$2,420.00	\$185.00	\$4,070.00
	SIDEWALK, PCC, 6 IN. THICK	22 ST 24 SF	\$60.00	\$1,440.00	\$50.00	\$1,200.00	\$50.00	\$1,200.00	\$42.00	\$1,008.00
	DETECTABLE WARNING	7 SY	\$90.00	\$630.00	\$130.00	\$910.00	\$125.00	\$875.00	\$275.00	\$1,925.00
	DRIVEWAY, PCC, 6 IN. THICK	1,44 STA	\$600.00	\$864.00	\$800.00	\$1,152.00	\$1,000.00	\$1,440.00	\$990.00	\$1,425.60
	GROOVED-IN PAVEMENT MARKINGS, INTERSECTION MARKING TAPE	2 EACH	\$400.00	\$800.00	\$400.00	\$800.00	\$525.00	\$1,050.00	\$646.00	\$1,292.00
	GROOVED-IN PRE-CUT SYMB AND LEGENDS, INTERSECTION MARKING	1.44 STA	\$200.00	\$288.00	\$850.00	\$1,224.00	\$1,050.00	\$1,512.00	\$845.00	\$1,216.80
	GROOVES CUT FOR PAVEMENT MARKINGS	2 EACH	\$150.00	\$300.00	\$200.00	\$400.00	\$350.00	\$700.00	\$206.00	\$412.00
	GROOVES CUT FOR SYMBOLS AND LEGENDS	3 SQ	\$95.00	\$285.00	\$250.00	\$750.00	\$325.00	\$975.00	\$320.00	\$960.00
	SOD		\$50,00	\$1,563.00	\$40.00	\$1,250.40	\$50.00	\$1,563.00	\$31.00	\$969.06
	TRAFFIC SIGNS	31.26 SF 4 EACH	\$300.00	\$1,200.00	\$150.00	\$600.00	\$250.00	\$1,000.00	\$210.00	\$840.00
	SIGN POSTS		\$200.00	\$400.00	\$100.00	\$200.00	\$250.00	\$500.00	\$260.00	\$520.00
44	REMOVE TRAFFIC SIGN AND POST	2 EACH	\$200.00	\$19,410.00	Ψ100.00	\$23,876.40	4200.00	\$24,025.00	• •	\$26,010.46
	SUBTOTAL DIV. 2 (BELL AVENUE RAISED CROSSWALK AT LINCOLN HIG	H SCHOOL)		\$19,410.00		\$23,070.40		V _ 1,		
DIV. 3 -	- SW 12TH STREET RAISED CROSSWALK AT LOOMIS AVENUE		***	9759 99	\$40.00	\$1,000.00	\$30.00	\$750.00	\$85.00	\$2,125.00
45	EXCAVATION, CLASS 10	25 CY	\$30.00	\$750.00	,	\$560.00	\$3.50	\$490.00	\$3.00	\$420.00
46	SUBGRADE TREATMENT - GEOGRID	140 SY	\$4.00	\$560.00	\$4.00	\$4,200.00	\$20.00	\$2,800.00	\$21.00	\$2,940.00
47	SUBBASE, MODIFIED, 8 IN. THICK	140 SY	\$25.00	\$3,500.00	\$30.00	\$3,960.00	\$100.00	\$4,500.00	\$105.00	\$4,725.00
48	STORM SEWER, TRENCHED, 15 IN. DIA.	45 LF	\$120.00	\$5,400.00	\$88.00	\$2,755.00	\$110.00	\$3,190.00	\$130.00	\$3,770.00
49	STORM SEWER, TRENCHED, 18 IN. DIA.	29 LF	\$140.00	\$4,060.00	\$95.00	-	\$27.50	\$1,870.00	\$42.00	\$2,856.00
50	SUBDRAIN, LONGITUDINAL, 6 IN.	68 LF	\$25.00	\$1,700.00	\$26.00	\$1,768.00	\$1,500.00	\$1,500.00	\$1,150.00	\$1,150.00
51	SUBDRAIN OUTLET	1 EACH	\$900.00	\$900.00	\$1,400.00	\$1,400.00	\$7,500.00	\$7,500.00	\$8,650.00	\$8,650.00
52	INTAKE, TYPE SW-505	1 EACH	\$6,500.00	\$6,500.00	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00
53	INTAKE, TYPE SW-506	1 EACH	\$6,500.00	\$6,500.00	\$16,000.00	\$16,000.00	\$10,000.00	\$11,500.00	\$10,800.00	\$10,800.00
54	INTAKE, TYPE SW-509	1 EACH	\$6,500.00	\$6,500.00	\$19,000.00	\$19,000.00	\$3,500.00	\$3,500.00	\$3,700.00	\$3,700.00
55	CONNECTION TO EXISTING MANHOLE	1 EACH	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00	\$3,500.00 \$100.00	\$11,900.00	\$80.00	\$9,520.00
	PAVEMENT, PCC, 6 IN. THICK	119 SY	\$90.00	\$10,710.00	\$100.00	\$11,900.00 \$2,170.00	\$35.00	\$1,085.00	\$67.00	\$2,077.00
57	CURB AND GUTTER, 1.5' WIDE, 6 IN. THICK	31 LF	\$40.00	\$1,240.00	\$70.00	\$780.00	\$20.00	\$780.00	\$26.00	\$1,014.00
58	REMOVAL OF SIDEWALK	39 SY	\$20.00	\$780.00	\$20.00	\$2,280.00	\$100.00	\$1,900.00	\$165.00	\$3,135.00
59	SIDEWALK, PCC, 4 IN. THICK	19 SY	\$80.00	\$1,520.00	\$120.00		\$110.00	\$2,970.00	\$185.00	\$4,995.00
60	SIDEWALK, PCC, 6 IN. THICK	27 SY	\$90.00	\$2,430.00	\$130.00	\$3,510.00	\$50.00	\$2,000.00	\$42.00	\$1,680.00
61	DETECTABLE WARNING	40 SF	\$60.00	\$2,400.00	\$50.00	\$2,000.00	\$20.00	\$2,480.00	\$21.00	\$2,604.00
62	PAVEMENT REMOVAL	124 SY	\$15.00	\$1,860.00	\$25.00	\$3,100.00	\$1,000.00	\$1,440.00	\$990.00	\$1,425.60
63	GROOVED-IN PAVEMENT MARKINGS, INTERSECTION MARKING TAPE	1.44 STA	\$600.00	\$864.00	\$800.00	\$1,152.00 \$800.00	\$525.00	\$1,050.00	\$470.00	\$940.00
64	GROOVED-IN PRE-CUT SYMB AND LEGENDS, INTERSECTION MARKING	2 EACH	\$400.00	\$800.00	\$400.00		\$1,050.00	\$1,512.00	\$850.00	\$1,224.00
65	GROOVES CUT FOR PAVEMENT MARKINGS	1.44 STA	\$200.00	\$288.00	\$850.00	\$1,224.00	\$350.00	\$700.00	\$210.00	\$420.00
66	GROOVES CUT FOR SYMBOLS AND LEGENDS	2 EACH	\$150.00	\$300.00	\$200.00	\$400.00	•	\$6,000.00	\$3,200.00	\$3,200.00
67	TEMPORARY TRAFFIC CONTROL	1 LS	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$6,000.00 \$400.00	\$4,800.00	\$320.00	\$3,840.00
68	SOD	12 SQ	\$95.00	\$1,140.00	\$250.00	\$3,000.00	\$400.00	\$25,000.00	\$28,193.00	\$28,193.00
69	MOBILIZATION	1 LS	\$5,613.00	\$5,613.00	\$10,000.00	\$10,000.00	\$50.00	\$25,000.00	\$31.00	\$1,162.50
70	TRAFFIC SIGNS	37.5 SF	\$50.00	\$1,875.00	\$40.00	\$1,500.00	\$250.00	\$1,075.00	\$210.00	\$840.00
71	SIGN POSTS	4 EACH	\$300.00	\$1,200.00	\$150.00	\$600.00	\$250.00	\$1,000.00	\$260.00	\$1,300.00
72	RELOCATE TRAFFIC SIGN AND POST	5 EACH	\$300.00	\$300.00	\$100.00	\$500.00	\$200.00		\$200.00	\$119,706.10
	SUBTOTAL DIV. 3 (SW 12TH STREET RAISED CROSSWALK AT LOOMIS	AVENUE)		\$74,690.00		\$117,559.00		\$115,092.00		\$113,700.10
DIV. 4	4 - STANTON AVENUE AND LAY STREET SPEED TABLES					007 500 00	67 E00 00	\$37,500.00	\$4,425.00	\$22,125.00
73	SPEED TABLE, STANTON AVENUE	5 EACH	\$7,500.00	\$37,500.00	\$5,500.00	\$27,500.00	\$7,500.00	\$8,000.00	\$6,100.00	\$6,100.00
74		1 EACH	\$10,000.00	\$10,000.00	\$6,500.00	\$6,500.00	\$8,000.00		ψο, του.ου	\$28,225.00
	SUBTOTAL DIV. 4 (STANTON AVENUE AND LAY STREET SPEED TABLE	ES)		\$47,500.00		\$34,000.00		\$45,500.00		\$20,225.00
	THE CONSTRUCTION COOT (DIV. 4 - DIV. 6 - DIV. 2 - DIV. 4			\$490,000.00		\$489,277.40		\$490,183.00		\$499,374.36
	TOTAL CONSTRUCTION COST (DIV. 1+DIV. 2+DIV. 3+Div. 4)			ψ-50,000.00		-0.15%		0.04%		1.91%
	PERCENT OF ENGINEER'S ESTIMATE					2370	ı			•

Minturn, Inc.

Brooklyn, IA

BID SECURITY

10% Bid Bond

DEPARTMENT OF ENGINEERING CITY OF DES MOINES, IOWA

06-2021-001

MPS Engineers PC dba | Spring Lake Construction

Kingston Services PC

Des Moines, IA

BID SECURITY

10% Bid Bond

LLC

Polk City, IA

BID SECURITY

10% Bid Bond

	BID DATE: 11/24/20
TABULATED BY: L.A. Vaughan APPROVED BY	
CHECKED BY: Christopher Kuhl	
CONTRACTOR'S BID TABULATION PROJECT: BELL AVE. RECONSTRUCTION FROM SW 9TH ST. TO SW 12TH ST. Including SW 12TH ST. RAISED CROSSWALK AT LOOMIS AVE. and SPEED TABLES ON STANTON AVE. AND LAY ST.	
COTINATE	

	ESTIMATE	BID PRICE		BID PRICE		BID PRICE				
			UNIT		UNIT		UNIT		UNIT	
ITEM	DESCRIPTION	QUANTITY	PRICE	AMOUNT		AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
	BELL AVENUE RECONSTRUCTION PROJECT							ì		
	EXCAVATION, CLASS 10	70 CY	\$30.00	\$2,100.00	\$32.00	\$2,240.00	\$50.00	\$3,500.00	\$40.00	\$2,800.00
	SUBGRADE TREATMENT - GEOGRID	408 SY	\$4.00	\$1,632.00	\$4.50	\$1,836.00	\$5.00	\$2,040.00	\$5.00	\$2,040.00
	SUBGRADE TREATMENT - CEMENT	70 TON	\$400.00	\$28,000.00	\$400.00	\$28,000.00	\$500.00	\$35,000.00	\$500.00	\$35,000.00
•	SUBBASE, MODIFIED, 6 IN. THICK	408 SY	\$20.00	\$8,160.00	\$20.00	\$8,160.00	\$17.00	\$6,936.00	\$20.00	\$8,160.00
-	SUBBASE, MODIFIED, EXTRA DEPTH	120 TON	\$32.00	\$3,840.00	\$48.00	\$5,760.00	\$34.00	\$4,080.00	\$60.00	\$7,200.00
_	SUBBASE, 3-INCH CLEAN, EXTRA DEPTH	20 TON	\$35.00	\$700.00	\$48.00	\$960.00	\$35.00	\$700.00	\$60.00	\$1,200.00
	SUBDRAIN, LONGITUDINAL, 6 IN.	306 LF	\$25.00	\$7,650.00	\$25.00	\$7,650.00	\$37.00	\$11,322.00	\$35.00	\$10,710.00
	SUBDRAIN OUTLET	4 EACH	\$900.00	\$3,600.00	\$900.00	\$3,600.00	\$1,000.00	\$4,000.00	\$700.00	\$2,800.00
9	RECONNECT SANITARY SEWER SERVICE	2 EACH	\$4,000.00	\$8,000.00	\$4,500.00	\$9,000.00	\$3,000.00	\$6,000.00	\$3,500.00	\$7,000.00
-	SEWER SPOT REPAIR BY PIPE REPLACEMENT (BY COUNT)	3 EACH	\$12,000.00	\$36,000.00	\$15,000.00	\$45,000.00	\$17,000.00	\$51,000.00	\$5,000.00	\$15,000.00
11	SEWER SPOT REPAIR BY PIPE REPLACEMENT (BY LENGTH)	17 LF	\$300.00	\$5,100.00	\$312.00	\$5,304.00	\$400.00	\$6,800.00	\$150.00	\$2,550.00
12	INTAKE, SW-501	1 EACH	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$5,500.00	\$5,500.00
13	MANHOLE ADJUSTMENT, MINOR	1 EACH	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00
14	MANHOLE ADJUSTMENT, MAJOR	5 EACH	\$4,000.00	\$20,000.00	\$4,000.00	\$20,000.00	\$2,850.00	\$14,250.00	\$3,000.00	\$15,000.00
15	INTAKE ADJUSTMENT, MAJOR	1 EACH	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,200.00	\$4,200.00	\$6,000.00	\$6,000.00
16	REMOVE INTAKE	1 EACH	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00
17	BEAM CURB	400 LF	\$35.00	\$14,000.00	\$48.00	\$19,200.00	\$30.00	\$12,000.00	\$60.00	\$24,000.00
17	FULL DEPTH HMA PAVING	2835 SY	\$40.00	\$113,400.00	\$27.50	\$77,962.50	\$37.00	\$104,895.00	\$28.75	\$81,506.25
19	HMA PAVEMENT SAMPLES AND TESTING	1 LS	\$1,000.00	\$1,000.00	\$1,300.00	\$1,300.00	\$800.00	\$800.00	\$1,250.00	\$1,250.00
20	REMOVAL OF SIDEWALK	23 SY	\$20.00	\$460.00	\$25.00	\$575.00	\$17.00	\$391.00	\$25.00	\$575.00
	SIDEWALK, PCC, 4 IN. THICK	23 SY	\$80.00	\$1,840.00	\$96.00	\$2,208.00	\$80.00	\$1,840.00	\$100.00	\$2,300.00
21	FULL DEPTH PATCH	32 SY	\$300.00	\$9,600.00	\$300.00	\$9,600.00	\$280.00	\$8,960.00	\$200.00	\$6,400.00
22	PAVEMENT REMOVAL	2900 SY	\$15.00	\$43,500.00	\$12.50	\$36,250.00	\$17.00	\$49,300.00	\$30.00	\$87,000.00
23	TEMPORARY TRAFFIC CONTROL	1 LS	\$5,000.00	\$5,000.00	\$12,000.00	\$12,000.00	\$4,000.00	\$4,000.00	\$3,100.00	\$3,100.00
24		2 SQ	\$95.00	\$190.00	\$500.00	\$1,000.00	\$100.00	\$200.00	\$145.00	\$290.00
25	SOD	1 LS	\$20,128.00	\$20,128.00	\$38,500.00	\$38,500.00	\$15,000.00	\$15,000.00	\$36,000.00	\$36,000.00
26	MOBILIZATION MAINTENANCE OF POSTAL SERVICE	1 LS	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$700.00	\$700.00	\$3,000.00	\$3,000.00
27	MAINTENANCE OF POSTAL SERVICE MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$2,000.00	\$2,000.00	\$4,000.00	\$4,000.00	\$1,700.00	\$1,700.00	\$3,000.00	\$3,000.00
28	MAINTENANCE OF SOLID WASTE COLLECTION	, 20	42,000.00	\$348,400.00		\$355,105.50		\$358,114.00		\$373,381.25
	SUBTOTAL DIV. 1 (BELL AVE. PAVING PROJECT)			40.00 ,						
DIV.	2 - BELL AVENUE RAISED CROSSWALK AT LINCOLN HIGH SCHOOL			ar 070 00	6440.00	¢7.056.00	\$75.00	\$4,725.00	\$110.00	\$6,930.00
29	PAVEMENT, PCC, 6 IN. THICK	63 SY	\$90.00	\$5,670.00	li .	\$7,056.00	i '	\$1,020.00	\$60.00	\$2,040.00
30	BEAM CURB	34 LF	\$35.00	\$1,190.00	1	\$1,632.00	\$30.00	\$1,020.00	\$25.00	\$1,000.00
31	REMOVAL OF SIDEWALK	40 SY	\$20.00	\$800.00		\$1,000.00	l .	\$1,080.00	\$30.00	\$360.00
32	REMOVAL OF DRIVEWAY	12 SY	\$20.00	\$240.00	1	\$300.00	\$27.00	\$324.00 \$1,540.00		\$2,200.00
33	SIDEWALK, PCC, 4 IN. THICK	22 SY	\$80.00	\$1,760.00	\$96.00	\$2,112.00	\$70.00	φ1,040.00	ψ,00.00	Ψ2,200.00

PRINCE P				UNIT		UNIT		UNIT		UNIT	
DEBMANLK PGC 8th THICK 22 SY 580.00 \$11,880.00 \$148.00 \$3,286.00 \$10,000 \$20,000 \$2,400.00 \$20,000 \$10,000 \$2,400.		DESCRIPTION	CHANTITY		AMOUNT		AMOUNT	PRICE	AMOUNT	PRICE	<u>AMOUNT</u>
SECTION Company Comp		· · · · · · · · · · · · · · · · · · ·				\$148.00		\$80.00	\$1,760.00	\$110.00	\$2,420.00
SIGNEDING: CCC. BIT. HICK TOTAL ON THICK TOTAL DATE 1.4 STA 500.00 5890.00 31,000.00		·		•						\$50.00	\$1,200.00
SECONDED: IN PARLIEST MARRINGS, INTERSECTION MARRINGS 2 FACH \$400.00 \$886.00 \$300.00 \$1,000.00 \$400.00 \$500.00 \$200.00 \$300.00								\$80.00	\$560.00	\$150.00	\$1,050.00
SECONDELIN PRECUIT SYMB AND LEGENDS, INTERSECTION MARKING 2 EACH 340,00 3800,00 342,00 340				•				\$500.00	\$720.00	\$950.00	\$1,368.00
88 GROVIES CUT FOR PARENETH MARKINGS. 9. CALL \$150.00 9. SERO, \$30.00 9	37	GROOVED-IN PAVEMENT WARKINGS, INTERSECTION WARKING TAFE						\$500.00	\$1,000.00	\$450.00	\$900.00
STORM SEVER, TRENCHED, 18 IN DIA. 25 CY 130,00 35						•	\$432.00	\$200.00	\$288.00	\$820.00	\$1,180.80
A CROWNER CLIT PLOTS TRIMENT CROSS AND LEGENS 3 S S S S S S S S S S S S S S S S S							\$400.00	\$200.00	\$400.00	\$200.00	\$400.00
14 SUD 31.26 SF \$50.00 \$1,50.00 \$1,50.00 \$1,50.00 \$25.00 \$1,00.00 \$20.00 \$200.						,		\$100.00	\$300.00	\$145.00	\$435.00
42 INFAPTIC SIGN AND POST A EACH \$300.00 \$300.00 \$300.00 \$250.00 \$500.00 \$500.00 \$300.					· · · · · · · · · · · · · · · · · · ·			\$55.00	\$1,719.30	\$30.00	\$937.80
SERVINDED SERV								\$250.00	\$1,000.00	\$200.00	\$800.00
SUBORAN TIPE SUBMANUM SUB								\$250.00	\$500.00	\$250.00	\$500.00
SUBOR OF LOUIS CHELL MOVEM BASED CROSSWALK AT LOOMS AVENUE 15 SECAVATION, CLASS 10 45 EXCAVATION, CLASS 10 46 EXCAVATION, CLASS 10 47 SUBBASE, MODIFIED, 81N, THICK 40 SY 92500 47 SUBBASE, MODIFIED, 81N, THICK 41 DEAP 14 SY 92500 48 STORM SEVER, TRENCHED, 151 N, DA 48 LIF \$1,000 49 STORM SEVER, TRENCHED, 151 N, DA 40 LIF \$1,000 40 SUBORANI, LONGTIUDINAL, 61 N. 40 LIF \$1,000 40 SUBORANI OUTLET 41 EACH \$6,000 51 NITAKE, TYPE SW-600 51 NITAKE, TYPE SW-600 51 NITAKE, TYPE SW-600 51 NITAKE, TYPE SW-600 50 SUBDRAIN OUTLET 41 EACH \$6,000 51 NITAKE, TYPE SW-600	44	REMOVE TRAFFIC SIGN AND POST		Ψ200.00		,_			\$20,536.30		\$23,721.60
45 EXCAVATION, CLASS 10 45 SUBGRADE TREATMENT - GEOGRID 41 OSY 45 SUBGRADE TREATMENT - GEOGRID 45 SUBGRADE TREATMENT - GEOGRID 46 SUBGRADE TREATMENT - GEOGRID 47 SUBGRADE TREATMENT - GEOGRID 48 STORM SEWER, TRENCHED, 15 IN, DIA. 49 STORM SEWER, TRENCHED, 15 IN, DIA. 49 STORM SEWER, TRENCHED, 15 IN, DIA. 49 STORM SEWER, TRENCHED, 15 IN, DIA. 40 SUBGRANI OUTLET 41 EACH 41 SEVEN SEWER 41 EACH 41 SEVEN SEWER 42 SEVEN SEWER 43 STORM SEWER, TRENCHED, 15 IN, DIA. 44 SEVEN SEWER 45 STORM SEWER, TRENCHED, 15 IN, DIA. 44 SEVEN SEWER 45 SUBDRANI OUTLET 45 SUBGRANI OUTLET 45 SUBGRANI OUTLET 45 SEVEN SEWER 45 SUBGRANI OUTLET 45			in School)		V.0, -1.0.00		, ,		1		
45 EXCAVATION, CLASS 10 SUBGRADE TREARMENT - GEOGRID 140 SY \$2500 \$3,800.00 53.00 \$50.00 \$50.00 53.00 \$50.00 53.00 \$50.00 53.0	DIV. 3 -	- SW 12TH STREET RAISED CROSSWALK AT LOOMIS AVENUE				054.00	64 250 00	¢25.00	\$875.00	\$40.00	\$1,000,00
46 SUBGRADE TREATMENT - GEOGRID 140 SY S2500 \$3,500.00 \$25.00 \$3,500.00 \$25.00 \$3,500.00 \$25.00 \$3,500.00 \$25.00 \$3,500.00 \$25.00 \$3,500.00 \$25.00 \$3,500.00 \$27.00 \$3,500.00 \$27.00 \$3,500.00 \$3,50	45	EXCAVATION, CLASS 10		•				•	· .	•	
47 SUBBASE, MODIFIED, 8 IN. THICK 48 STORM SEWER, TRENCHED, 16 IN. DIA. 49 LF \$140.00 \$4,660.00 \$55.400.00 \$10.00 \$4,280.00 \$150.00 \$4,280.00 \$150.00 \$570.00	46	SUBGRADE TREATMENT - GEOGRID			7				· .	•	1
48 STORM SEWER TRENCHED, 18 IN. DIA. 29 LF 314.00 370.00 328.00 328.00 328.00 34,350.00 350.00	47	SUBBASE, MODIFIED, 8 IN. THICK						•			
49 STORM SEWER, TRENCHED, 18 IN. DIA. 29 LP \$1,00.00 \$1,700.00 \$25.00 \$31,700.00 \$25.00 \$31,000.00 \$30,000.00	48	STORM SEWER, TRENCHED, 15 IN. DIA.									
50 SUBDRAIN, LONGTUDINAL, 6 IN. 50 SUBDRAIN, CONSTRUCTION AL, 6 IN. 50 SUBDRAIN, LONGTUDINAL, 6 IN. 50 SUBDRAIN, CONSTRUCTION ACRISING MARKING ALL ALL STATE ALL ST											
51 SUBDRAIN OUTLET 52 INTAKE, TYPE SW-505 53 INTAKE, TYPE SW-505 54 INTAKE, TYPE SW-505 55 INTAKE, TYPE SW-505 55 INTAKE, TYPE SW-505 56 INTAKE, TYPE SW-509 57 CONNECTION TO EXISTING MANHOLE 58 INTAKE, TYPE SW-509 58 PAWEMENT, PCC, BIN, THICK 59 SUBDWALK, PCC, A IN, THICK 59 SUBDWALK, PCC, A IN, THICK 59 SUBDWALK, PCC, BIN, THICK 59 SUBDWALK, PCC, A IN, THICK 59 SUBDWALK, PCC, A IN, THICK 59 SUBDWALK, PCC, A IN, THICK 59 SUBDWALK, PCC, BIN, THICK 50 SUBDWALK, PCC, BIN, BIN, BIN, BIN, BIN, BIN, BIN, BIN	50	SUBDRAIN, LONGITUDINAL, 6 IN.								•	, ,
52 INTAKE, TYPE SW-506 53 INTAKE, TYPE SW-506 54 INTAKE, TYPE SW-506 55 INTAKE, TYPE SW-506 55 INTAKE, TYPE SW-506 56 INTAKE, TYPE SW-506 56 INTAKE, TYPE SW-506 57 CONDECTION TO EXISTING MANHOLE 58 PAVEMENT, PCC, 6 IN. THICK 59 PAVEMENT, PCC, 6 IN. THICK 50 PAVEMENT, PCC, 6 IN. THICK 51 PAVEMENT, PCC, 6 I	51	SUBDRAIN OUTLET				•					,
Sa INTAKE, TYPE SW-509	52	INTAKE, TYPE SW-505									
Section Sect	53	INTAKE, TYPE SW-506									
56 CONNECTION TO EXISTING MANHOLE 57 PAVEMENT, PCC, 6 IN. THICK 58 PAVEMENT, PCC, 6 IN. THICK 59 PAVEMENT, PCC, 6 IN. THICK 51 IF \$40.00 51 SIGNAL OF SIDEWALK, PCC, 6 IN. THICK 51 SIDEWALK, PCC, 6 IN. THICK 51 SIDEWALK, PCC, 6 IN. THICK 52 SIDEWALK, PCC, 6 IN. THICK 53 SIDEWALK, PCC, 6 IN. THICK 54 SIDEWALK, PCC, 6 IN. THICK 55 SIDEWALK, PCC, 6 IN. THICK 56 PAVEMENT REMOVAL 57 SY \$90.00 57 SPECIAL STANDARD ST	54										
56 PAVEMENT, PCC, 6 IN. THICK 77 CURB AND GUTTER, 1.5 WIDE, 6 IN. THICK 78 REMOVAL OF SIDEWALK, PCC, 4 IN. THICK 79 SY \$20.00 \$780.00 \$25.00 \$875.00 \$275.00 \$1,003.00 \$342.00 \$1,003.00 \$340.00 \$1,003.00 \$340.00 \$1,003.00 \$1	55					• •					
57 CURB AND GUTTER, 1.5' WIDE, 6 IN. THICK 58 REMOVAL OF SIDEWALK 59 SIDEWALK, PCC, 4 IN. THICK 59 SIDEWALK, PCC, 4 IN. THICK 59 SIDEWALK, PCC, 4 IN. THICK 59 SIDEWALK, PCC, 6 IN. THICK 50 SIDEWALK, PCC, 6 IN. THICK 51 SIDEWALK, PCC, 6 IN. THICK 52 SIDEWALK, PCC, 6 IN. THICK 53 SIDEWALK, PCC, 6 IN. THICK 54 SIDEWALK, PCC, 6 IN. THICK 55 SIDEWALK, PCC, 6 IN. THICK 55 SIDEWALK, PCC, 6 IN. THICK 56 SIDEWALK, PCC, 6 IN. THICK 57 SOLO 58 SIDEWALK, PCC, 6 IN. THICK 57 SOLO 58 SIDEWALK, PCC, 6 IN. THICK 58 SIDEWALK, P	56										
SREMOVAL OF SIDEWALK SIDEWALK, PCC, 6 IN. THICK	57										\$975.00
SIDEWALK, PCC, 6 IN. THICK 19 SI 30.000 \$2,430.00 \$148.00 \$3,996.00 \$2,000.00 \$74.00 \$2,906.00 \$3,348.00 \$3,720.00 \$2,000.00 \$74.00 \$2,906.00 \$3,348.00 \$3,720.00 \$3,348.00 \$3,720.00 \$3,348.00 \$3,720.00 \$3,348.00 \$3,348.00 \$3,000.00 \$3	58										\$1,900.00
60 SIDEWALK, PCC, 6 IN THICK 61 DETECTABLE WARNING 62 PAVEMENT REMOVAL 63 GROOVED-IN PAVEMENT MARKINGS, INTERSECTION MARKING TAPE 64 GROOVED-IN PAVEMENT MARKINGS, INTERSECTION MARKING 65 GROOVED-IN PRE-CUT SYMB AND LEGENDS, INTERSECTION MARKING 66 GROOVES CUT FOR PAVEMENT MARKINGS 67 TEMPORARY TRAFFIC CONTROL 68 SOD 69 MOBILIZATION 69 MOBILIZATION 60 MOBILIZATION 61 SIDEWALK, PCC, 6 IN THICK 68 STO.00 69 S1,000.00 69 MOBILIZATION 60 STO.00 61 STO.00 61 SEQ.00.00 62 SEQ.00 63 STO.00 64 STO.00 65 GROOVES CUT FOR SYMBOLS AND LEGENDS 66 GROOVES CUT FOR SYMBOLS AND LEGENDS 67 TEMPORARY TRAFFIC CONTROL 68 SOD 69 MOBILIZATION 60 STO.00 61 LS 65 SEQ.00 61 LS 65 SEQ.00 62 SEQ.00 63 SEQ.00 6400.00 65 SEQ.00 66 SOD 67 TEMPORARY TRAFFIC CONTROL 68 SOD 69 MOBILIZATION 69 MOBILIZATION 60 SEQ.00 61 LS 65 SEQ.00 61 LS 65 SEQ.00 65 SEQ.00 66 SEQ.00 67 TEMPORARY TRAFFIC SIGNS 68 SEQ.00 68 SOD 69 MOBILIZATION 60 SEQ.00 60 SEQ.00 61 SEQ.00 61 SEQ.00 62 SEQ.00 63 SEQ.00 6400.00 65 SEQ.00 65 SEQ.00 66 SEQ.00 67 SEQ.00 68 SEQ.00 69 MOBILIZATION 69 MOBILIZATION 69 MOBILIZATION 70 TRAFFIC SIGNS 71 SIGN POSTS 71 SIGN POSTS 72 SECENTABLES 73 SPEED TABLE, STANTON AVENUE 74 SPEED TABLE, LAY STREET RAISED CROSSWALK AT LOOMIS AVENUE) 75 SPEED TABLE, LAY STREET SPEED TABLES 76 SEQ.00 77 SPEED TABLE, LAY STREET SPEED TABLES 77 SPEED TABLE, LAY STREET SPEED TABLES 78 SPEED TABLE, LAY STREET SPEED TABLES 79 SPEED TABLE, LAY STREET SPEED TABLES 70 SEG.00 71 SIGN POSTS 70 SPEED TABLE, LAY STREET SPEED TABLES 70 SEG.00 71 SIGN POSTS 71 SIGN POSTS 72 SPEED TABLE, LAY STREET SPEED TABLES 73 SPEED TABLE, LAY STREET RAISED CROSSWALK AT LOOMIS AVENUE 74 SPEED TABLE, LAY STREET 75 SPEED TABLE, LAY STREET 76 SEQ.00 77 SPEED TABLE, LAY STREET 77 SPEED TABLES 77 SPEED TABLE, LAY STREET SPEED TABLES 77 SPEED TABLE, LAY STREET SPEED TABLES 77 SPEED TABLE, LAY STREET 78 SPEED TABLES 79 SEQ.00 70 SEQ.00 71 SIGN POSTS 70 SEQ.00 71 SIGN POSTS 71 SEQ.00 72 SEQ.00 73 SEQ.00 74 SEQ.00 75 SEQ.00 75 SEQ.00 75 SEQ.00 76 SEQ.00 77 SEQ.00 77 SEQ.00 77 SEQ.00 77 SEQ.00 77	59					•			1		\$2,970.00
61 DETECTABLE WARNING 62 PAVEMENT REMOVAL 63 GROOVED-IN PAVEMENT MARKINGS, INTERSECTION MARKING TAPE 64 CROOVED-IN PAVEMENT MARKINGS, INTERSECTION MARKING TAPE 65 CROOVED-IN PRE-CUT SYMB AND LEGENDS, INTERSECTION MARKING 66 CROOVED-IN PRE-CUT SYMB AND LEGENDS, INTERSECTION MARKING 67 CROOVED-IN PRE-CUT SYMB AND LEGENDS, INTERSECTION MARKING 68 CROOVED-IN PRE-CUT SYMB AND LEGENDS, INTERSECTION MARKING 69 CROOVED-IN PRE-CUT SYMB AND LEGENDS, INTERSECTION MARKING 60 CROOVED-IN PRE-CUT SYMB AND LEGENDS, INTERSECTION MARKING 61 CROOVED-IN PRE-CUT SYMB AND LEGENDS, INTERSECTION MARKING 62 CROOVES CUT FOR PAVEMENT MARKINGS 63 CROOVES CUT FOR SYMBOLS AND LEGENDS 64 CROOVES CUT FOR SYMBOLS AND LEGENDS 65 CROOVES CUT FOR SYMBOLS AND LEGENDS 66 CROOVES CUT FOR SYMBOLS AND LEGENDS 67 TEMPORARY TRAFFIC CONTROL 68 SOD 69 MOBILIZATION 69 MOBILIZATION 69 MOBILIZATION 69 TRAFFIC SIGNS 69 ALACH 60 SOD 70 TRAFFIC SIGNS 71 SIGN POSTS 72 RELOCATE TRAFFIC SIGN AND POST 73 SIGN POSTS 74 SPEED TABLES 75 SPEED TABLES 76 SADOLO 76 STANTON AVENUE 76 SACH 77 SIGN SYNTEET SPEED TABLES 76 SPEED TABLE, LAY STREET 77 SPEED TABLE, LAY STREET 78 SPEED TABLE, STANTON AVENUE 78 SPEED TABLE, LAY STREET 78 SPEED TABLE, STANTON AVENUE 78 SPEED TABLE, STAN	60	•				•					\$2,000.00
62 PAVEMENT REMOVAL 63 GROOVED-IN PAVEMENT MARKINGS, INTERSECTION MARKING TAPE 64 GROOVED-IN PRE-CUT SYMB AND LEGENDS, INTERSECTION MARKING 65 GROOVED-IN PRE-CUT SYMB AND LEGENDS, INTERSECTION MARKING 66 GROOVED-IN PRE-CUT SYMB AND LEGENDS, INTERSECTION MARKING 67 GROOVES CUT FOR PAVEMENT MARKINGS 68 GROOVES CUT FOR PAVEMENT MARKINGS 69 GROOVES CUT FOR SYMBOLS AND LEGENDS 60 GROOVES CUT FOR SYMBOLS AND LEGENDS 61 L44 STA 600.00 61 S200.00 62 S200.00 63 S300.00 63 S300.00 64 S200.00 65 GROOVES CUT FOR SYMBOLS AND LEGENDS 66 GROOVES CUT FOR SYMBOLS AND LEGENDS 67 TEMPORARY TRAFFIC CONTROL 68 SOD 68 SOD 69 MOBILIZATION 60 MOBILIZATION 61 LS 65 S13.00 61 S1,740.00 62 S200.00 63 S300.00 64 S200.00 65 S400.00 66 S200.00 67 TRAFFIC SIGNS 67 S50.00 68 SOD 68 MOBILIZATION 69 MOBILIZATION 60 S1,740.00 69 MOBILIZATION 60 S1,740.00 60 MOBILIZATION 60 S1,740.00 61 TRAFFIC SIGNS 60 S1,740.00 61 S1,740.00 62 S20.00 63 S400.00 64,000.00 65 S4,000.00 65 S4,000.00 66 S200.00 67 S4,000.00 68 SOD 68 SOD 68 SOD 68 S200.00 69 MOBILIZATION 69 MOBILIZATION 60 S1,740.00 69 MOBILIZATION 60 S1,740.00 60 MOBILIZATION 60 S1,740.00 61 S1,740.00 61 S1,740.00 62 S200.00 63 S4,000.00 64,000.00 65 S200.00 65 S400.00 65 S200.00 65 S200.	61										\$3,720.00
63 GROOVED-IN PAVEMENT MARKINGS, INTERSECTION MARKING 14-PE 1.44 STA GROOVED-IN PRE-CUT SYMB AND LEGENDS, INTERSECTION MARKING 2 EACH \$400.00 \$800.00 \$500.00 \$1,000.00 \$432.00 \$250.00 \$360.00 \$1,000.00 \$400.00 \$600.00 \$400.00 \$200.00 \$200	62									\$950.00	\$1,368.00
64 GROOVED-IN PRE-CUT SYMB AND LEGENDS, INTERSECTION WARKINGS 65 GROOVES CUT FOR PAVEMENT MARKINGS 66 GROOVES CUT FOR PAVEMENT MARKINGS 66 GROOVES CUT FOR SYMBOLS AND LEGENDS 67 TEMPORARY TRAFFIC CONTROL 68 SOD 69 MOBILIZATION 69 MOBILIZATION 70 TRAFFIC SIGNS 71 SIGN POSTS 72 RELOCATE TRAFFIC SIGN AND POST 73 SPEED TABLE, STANTON AVENUE 74 SPEED TABLE, STANTON AVENUE 75 SUBTOTAL DIV. 4 (STANTON AVENUE AND LAY STREET SPEED TABLES) 76 GROOVES CUT FOR SYMBOLS AND LEGENDS 76 GROOVES CUT FOR SYMBOLS AND LEGENDS 77 TEMPORARY TRAFFIC CONTROL 78 SOD 79 TEMPORARY TRAFFIC CONTROL 71 LS \$4,000.00 71 LS \$4,000.00 72 SUBONDO \$4,000.00 73 SIGN POSTS 74 SPEED TABLE, STANTON AVENUE 75 SPEED TABLE, STANTON AVENUE AND LAY STREET SPEED TABLES) 76 GROOVES CUT FOR PAVEMENT MARKINGS 76 SOD 77 SPEED TABLE, STANTON AVENUE AND LAY STREET SPEED TABLES) 77 TOTAL CONSTRUCTION COST (DIV. 1+DIV. 2+DIV. 3+DIV. 4) 78 SPEED TABLE, STANTON AVENUE AND LAY STREET SPEED TABLES) 77 TOTAL CONSTRUCTION COST (DIV. 1+DIV. 2+DIV. 3+DIV. 4) 78 SPEED TABLE, STANTON AVENUE AND LAY STREET SPEED TABLES) 77 TOTAL CONSTRUCTION COST (DIV. 1+DIV. 2+DIV. 3+DIV. 4) 78 SPEED TABLE, STANTON AVENUE AND LAY STREET SPEED TABLES) 78 STANTON AVENUE AND LAY STREET SPEED TABLES) 79 STANTON AVENUE AND LAY STREET SPEED TABLES) 70 STANTON AVENUE AND LAY STREET SPEED TABLES) 71 STANTON	63	GROOVED-IN PAVEMENT MARKINGS, INTERSECTION MARKING TAPE									\$900.00
65 GROOVES CUT FOR PAVEMENT MARKINGS 66 GROOVES CUT FOR SYMBOLS AND LEGENDS 77 TEMPORARY TRAFFIC CONTROL 78 SOD 79 MOBILIZATION 70 TRAFFIC SIGNS 70 MOBILIZATION 71 SIGN POSTS 72 RELOCATE TRAFFIC SIGN AND POST 74 SPEED TABLE, LAY STREET RAISED CROSSWALK AT LOOMIS AVENUE) 75 SPEED TABLE, LAY STREET SPEED TABLES 76 STOAL CONSTRUCTION COST (DIV. 1+DIV. 2+DIV. 3+Div. 4) 76 STOAL CONSTRUCTION COST (DIV. 1+DIV. 2+DIV. 3+Div. 4) 76 GROOVES CUT FOR PAVEMENT MARKINGS 76 TEMPORARY TRAFFIC SIGN S	64		2 EACH	•						\$820.00	\$1,180.80
66 GROOVES CUT FOR SYMBOLS AND LEGENDS 7 TEMPORARY TRAFFIC CONTROL 1 LS \$4,000.00 \$4,000.00 \$4,000.00 \$3,000.00 \$1,200.00 \$1	65						. 1			\$200.00	\$400.00
67 TEMPORARY TRAFFIC CONTROL 68 SOD 69 MOBILIZATION 69 MOBILIZATION 70 TRAFFIC SIGNS 71 SIGN POSTS 72 RELOCATE TRAFFIC SIGN AND POST SUBTOTAL DIV. 3 (SW 12TH STREET RAISED CROSSWALK AT LOOMIS AVENUE) 73 SPEED TABLE, LAY STREET 74 SPEED TABLE, STANTON AVENUE AND LAY STREET SPEED TABLES 75 SPEED TABLE, LAY STREET 76 SIGN AND LAY STREET SPEED TABLES 77 SUBTOTAL DIV. 4 (STANTON AVENUE AND LAY STREET SPEED TABLES) 78 SUBTOTAL DIV. 4 (STANTON AVENUE AND LAY STREET SPEED TABLES) 79 TOTAL CONSTRUCTION COST (DIV. 1+DIV. 2+DIV. 3+Div. 4) 70 TEMPORARY TRAFFIC CONTROL 71 LS \$4,000.00 \$1,140.00 \$250.00 \$1,140.00 \$250.00 \$1,140.00 \$1,200.00 \$1,200.00 \$1,200.00 \$1,200.00 \$1,200.00 \$1,200.00 \$300.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,750.00 \$1,750.00 \$10,000.00 \$4,600.00 \$4,600.00 \$4,600.00 \$4,600.00 \$4,600.00 \$4,600.00 \$4,600.00 \$4,600.00 \$510,0	66			•			· .			\$3,100.00	\$3,100.00
SOD	67										\$1,740.00
69 MOBILIZATION 70 TRAFFIC SIGNS 71 SIGN POSTS 71 SIGN POSTS 72 RELOCATE TRAFFIC SIGN AND POST 8 SUBTOTAL DIV. 3 (SW 12TH STREET SPEED TABLES) 73 SPEED TABLE, STANTON AVENUE AND LAY STREET SPEED TABLES 74 SPEED TABLE, LAY STREET 75 SEACH \$10,000.00 81,875.00 81,875.00 \$1,875.00 \$1,875.00 \$1,875.00 \$1,875.00 \$1,875.00 \$200.00 \$1,200.00 \$300.00 \$1,200.00 \$300.00 \$1,200.00 \$300.00 \$1,500.00 \$1,500.00 \$1,500.00 \$995,728.00 \$999,373.80 \$10,000.00 \$4,450.00 \$4,450.00 \$6,110.00 \$22,250.00 \$22,250.00 \$300.00 \$1,125.00 \$1,200.00	68			· · · · · · · · · · · · · · · · · · ·				• •		· ·	\$10,000.00
TRAFFIC SIGNS TRAFFIC SIGN SOLUTION TRAFFIC SIGNS	69			•		•				\$30,00	\$1,125.00
71 SIGN POSTS 72 RELOCATE TRAFFIC SIGN AND POST 72 RELOCATE TRAFFIC SIGN AND POST 73 SPEED TABLE, STANTON AVENUE 74 SPEED TABLE, STANTON AVENUE 75 SPEED TABLE, LAY STREET 76 SIGN POSTS 77 RELOCATE TRAFFIC SIGN AND POST 8300.00 \$1,500.00 \$1,500.00 \$99,373.80 \$99,37	70							•		\$200.00	\$800.00
72 RELOCATE TRAFFIC SIGN AND POST SUBTOTAL DIV. 3 (SW 12TH STREET RAISED CROSSWALK AT LOOMIS AVENUE) DIV. 4 - STANTON AVENUE AND LAY STREET SPEED TABLES 73 SPEED TABLE, STANTON AVENUE 5 EACH \$7,500.00 \$37,500.00 \$37,500.00 \$10,000.00 \$4,600.00 \$4,600.00 \$10,000.00 \$4,600.00 \$22,250.00 \$6,110.00 \$6,110.00 \$22,250.00 \$10,000.00 \$4,600	71							•		\$250.00	\$1,250.00
SUBTOTAL DIV. 3 (SW 12TH STREET RAISED CROSSWALK AT LOOMIS AVENUE) DIV. 4 - STANTON AVENUE AND LAY STREET SPEED TABLES 73	72	RELOCATE TRAFFIC SIGN AND POST		\$300.00		φ300.00		Ψ000.00			
73 SPEED TABLE, STANTON AVENUE 5 EACH \$7,500.00 \$37,500.00 \$4,600.00 \$10,000.00 \$4,600.00 \$4,600.00 \$20,600.00 \$47,500.00 \$28,360.00 \$28,360.00 \$28,360.00 \$47,500.00 \$10,000.00 \$47,500.00 \$20,600.00 \$47,500.00 \$28,360.00 \$28,360.00 \$47,500.00		SUBTOTAL DIV. 3 (SW 12TH STREET RAISED CROSSWALK AT LOUMIS	AVENUE)		\$74,030.00		\$ 100,00 1.00		, ,		
73 SPEED TABLE, STANTON AVENUE 5 EACH \$7,500.00 \$37,500.00 \$4,600.00 \$10,000.00 \$4,600.00 \$4,600.00 \$20,600.00 \$47,500.00 \$28,360.00 \$28,360.00 \$28,360.00 \$47,500.00 \$10,000.00 \$47,500.00 \$20,600.00 \$47,500.00 \$28,360.00 \$28,360.00 \$47,500.00	DIV. 4	4 - STANTON AVENUE AND LAY STREET SPEED TABLES					:-	#7 F00 C0	607 F00 C0	¢4 450 00	\$22.250.00
74 SPEED TABLE, LAY STREET 1 EACH \$10,000.00 \$10,000.00 \$4,600.00 \$4,600.00 \$47,500.00 \$20,600.00 \$28,360.00 \$32,360.00 \$											
SUBTOTAL DIV. 4 (STANTON AVENUE AND LAY STREET SPEED TABLES) \$47,500.00 \$20,600.00 \$47,500.00 \$20,6		SPEED TABLE, LAY STREET		\$10,000.00	1	\$4,600.00		\$70,000.00		φο, ι τυ.00	
TOTAL CONSTRUCTION COST (DIV. 1+DIV. 2+DIV. 3+Div. 4) \$490,000.00 \$510,262.50 \$521,878.30 \$524,836.65		SUBTOTAL DIV. 4 (STANTON AVENUE AND LAY STREET SPEED TABLE	ES)		\$47,500.00		\$20,600.00		\$47,5UU.UU		\$20,300.00
TOTAL CONSTRUCTION COST (DIV. 1+DIV. 2+DIV. 3+DIV. 4) 4 14% 6 51% 7 .11%							0540 000 50		6524 979 30		\$524.836.65
		TOTAL CONSTRUCTION COST (DIV. 1+DIV. 2+DIV. 3+Div. 4)			\$490,000.00	i					
		PERCENT OF ENGINEER'S ESTIMATE					4.14%		0.5170	I	

DEPARTMENT OF ENGINEERING CITY OF DES MOINES, IOWA

06-2021-001

BID DATE: 11/24/20

TABULATED BY: L.A. Vaughan APPROVED BY _____

____ESTIMATÉ-----

CHECKED BY: Christopher Kuhl

CONTRACTOR'S BID TABULATION

PROJECT: BELL AVE. RECONSTRUCTION FROM SW 9TH ST. TO SW 12TH ST.

Including SW 12TH ST. RAISED CROSSWALK AT LOOMIS AVE. and

SPEED TABLES ON STANTON AVE. AND LAY ST.

Ankeny, IA

BID SECURITY 10% Bid Bond

OMG Midwest, Inc. dba Des

Moines Asphalt & Paving

BID PRICE

				l		1			
			UNIT		UNIT				
ITEM	DESCRIPTION	QUANTITY	PRICE	<u>AMOUNT</u>	PRICE	AMOUNT			
	DIV. 1 - BELL AVENUE RECONSTRUCTION PROJECT								
1	EXCAVATION, CLASS 10	70 CY	\$30.00	\$2,100.00	\$75.00	\$5,250.00			
	SUBGRADE TREATMENT - GEOGRID	408 SY	\$4.00	\$1,632.00	\$2.50	\$1,020.00			
3	SUBGRADE TREATMENT - CEMENT	70 TON	\$400.00	\$28,000.00	\$600.00	\$42,000.00			
4	SUBBASE, MODIFIED, 6 IN. THICK	408 SY	\$20.00	\$8,160.00	\$16.00	\$6,528.00			
5	SUBBASE, MODIFIED, EXTRA DEPTH	120 TON	\$32.00	\$3,840.00	\$35.00	\$4,200.00			
6	SUBBASE, 3-INCH CLEAN, EXTRA DEPTH	20 TON	\$35.00	\$700.00	\$40.00	\$800.00			
7	SUBDRAIN, LONGITUDINAL, 6 IN.	306 LF	\$25.00	\$7,650.00	\$16.00	\$4,896.00			
8	SUBDRAIN OUTLET	4 EACH	\$900.00	\$3,600.00	\$1,000.00	\$4,000.00			
9	RECONNECT SANITARY SEWER SERVICE	2 EACH	\$4,000.00	\$8,000.00	\$818.00	\$1,636.00			
10	SEWER SPOT REPAIR BY PIPE REPLACEMENT (BY COUNT)	3 EACH	\$12,000.00	\$36,000.00	\$1,550.00	\$4,650.00			
11	SEWER SPOT REPAIR BY PIPE REPLACEMENT (BY LENGTH)	17 LF	\$300.00	\$5,100.00	\$300.00	\$5,100.00			
12	INTAKE, SW-501	1 EACH	\$5,000.00	\$5,000.00	\$7,000.00	\$7,000.00			
13	MANHOLE ADJUSTMENT, MINOR	1 EACH	\$1,500.00	\$1,500.00	\$2,350.00	\$2,350.00			
14	MANHOLE ADJUSTMENT, MAJOR	5 EACH	\$4,000.00	\$20,000.00	\$3,375.00	\$16,875.00			
15	INTAKE ADJUSTMENT, MAJOR	1 EACH	\$4,000.00	\$4,000.00	\$4,200.00	\$4,200.00			
16	REMOVE INTAKE	1 EACH	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00			
17	BEAM CURB	400 LF	\$35.00	\$14,000.00	\$85.00	\$34,000.00			
18	FULL DEPTH HMA PAVING	2835 SY	\$40.00	\$113,400.00	\$31.00	\$87,885.00			
19	HMA PAVEMENT SAMPLES AND TESTING	1 LS	\$1,000.00	\$1,000.00	\$1,800.00	\$1,800.00			
20	REMOVAL OF SIDEWALK	23 SY	\$20.00	\$460.00	\$25.00	\$575.00			
21	SIDEWALK, PCC, 4 IN. THICK	23 SY	\$80.00	\$1,840.00	\$115.00	\$2,645.00			
22	FULL DEPTH PATCH	32 SY	\$300.00	\$9,600.00	\$225.00	\$7,200.00			
23	PAVEMENT REMOVAL	2900 SY	\$15.00	\$43,500.00	\$16.00	\$46,400.00			
24	TEMPORARY TRAFFIC CONTROL	1 LS	\$5,000.00	\$5,000.00	\$4,750.00	\$4,750.00			
25	SOD	2 SQ	\$95.00	\$190.00	· ·	\$600.00			
26	MOBILIZATION	1 LS	\$20,128.00	\$20,128.00	· ·	\$37,000.00			
27	MAINTENANCE OF POSTAL SERVICE	1 LS	\$1,000.00	\$1,000.00		\$1,380.00			
28	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$2,000.00	\$2,000.00		\$5,575.00			
	SUBTOTAL DIV. 1 (BELL AVE. PAVING PROJECT)			\$348,400.00		\$341,315.00			
DIV.	2 - BELL AVENUE RAISED CROSSWALK AT LINCOLN HIGH SCHOOL								
29	PAVEMENT, PCC, 6 IN. THICK	63 SY	\$90.00	\$5,670.00		\$11,655.00			
30	BEAM CURB	34 LF	\$35.00	\$1,190.00		\$3,153.50			
31	REMOVAL OF SIDEWALK	40 SY	\$20.00	\$800.00	1	\$1,000.00			
32	REMOVAL OF DRIVEWAY	12 SY	\$20.00	\$240.00		\$300.00			
33	SIDEWALK, PCC, 4 IN. THICK	22 SY	\$80.00	\$1,760.00	\$115.00	\$2,530.00			



			UNIT		UNIT	
ITER#	DESCRIPTION	QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT
ITEM					\$185.00	\$4,070.00
	SIDEWALK, PCC, 6 IN. THICK	22 SY	\$90.00	\$1,980.00	\$165.00 \$95.00	\$2,280.00
	DETECTABLE WARNING	24 SF	\$60.00	\$1,440.00		
	DRIVEWAY, PCC, 6 IN. THICK	7 SY	\$90.00	\$630.00	\$250.00	\$1,750.00
	GROOVED-IN PAVEMENT MARKINGS, INTERSECTION MARKING TAPE	1.44 STA	\$600.00	\$864.00	\$765.00	\$1,101.60
	GROOVED-IN PRE-CUT SYMB AND LEGENDS, INTERSECTION MARKING	2 EACH	\$400.00	\$800.00	\$400.00	\$800.00
	GROOVES CUT FOR PAVEMENT MARKINGS	1.44 STA	\$200.00	\$288.00	\$850.00	\$1,224.00
40	GROOVES CUT FOR SYMBOLS AND LEGENDS	2 EACH	\$150.00	\$300.00	\$175.00	\$350.00
	SOD .	3 SQ	\$95.00	\$285.00	\$300.00	\$900.00
	TRAFFIC SIGNS	31.26 SF	\$50.00	\$1,563.00	\$40.00	\$1,250.40
43	SIGN POSTS	4 EACH	\$300.00	\$1,200.00	\$150.00	\$600.00
44	REMOVE TRAFFIC SIGN AND POST	2 EACH	\$200.00	\$400.00	\$100.00	\$200.00
	SUBTOTAL DIV. 2 (BELL AVENUE RAISED CROSSWALK AT LINCOLN HIG	H SCHOOL)		\$19,410.00		\$33,164.50
DIV. 3	- SW 12TH STREET RAISED CROSSWALK AT LOOMIS AVENUE					
45	EXCAVATION, CLASS 10	25 CY	\$30.00	\$750.00	\$80.00	\$2,000.00
46	SUBGRADE TREATMENT - GEOGRID	140 SY	\$4.00	\$560.00	\$2.50	\$350.00
47	SUBBASE, MODIFIED, 8 IN. THICK	140 SY	\$25.00	\$3,500.00	\$20.00	\$2,800.00
48	STORM SEWER, TRENCHED, 15 IN. DIA.	45 LF	\$120.00	\$5,400.00	\$88,00	\$3,960.00
49	STORM SEWER, TRENCHED, 18 IN. DIA.	29 LF	\$140.00	\$4,060.00	\$95.00	\$2,755.00
50	SUBDRAIN, LONGITUDINAL, 6 IN.	68 LF	\$25.00	\$1,700.00	\$25.50	\$1,734.00
51	SUBDRAIN OUTLET	1 EACH	\$900.00	\$900.00	\$1,250.00	\$1,250.00
	INTAKE, TYPE SW-505	1 EACH	\$6,500.00	\$6,500.00	\$8,380.00	\$8,380.00
53	INTAKE, TYPE SW-506	1 EACH	\$6,500.00	\$6,500.00	\$11,400.00	\$11,400.00
	INTAKE, TYPE SW-509	1 EACH	\$6,500.00	\$6,500.00	\$13,150.00	\$13,150.00
5 4 55	CONNECTION TO EXISTING MANHOLE	1 EACH	\$1,000.00	\$1,000.00	\$4,275.00	\$4,275.00
		119 SY	\$90.00	\$10,710.00	\$185.00	\$22,015.00
	PAVEMENT, PCC, 6 IN. THICK	31 LF	\$40.00	\$1,240.00	\$95.00	\$2,945.00
	CURB AND GUTTER, 1.5' WIDE, 6 IN. THICK	39 SY	\$20.00	\$780.00	\$25.00	\$975.00
58	REMOVAL OF SIDEWALK	19 SY	\$80.00	\$1,520.00	\$115.00	\$2,185.00
59	SIDEWALK, PCC, 4 IN. THICK	27 SY	\$90.00	\$2,430.00	\$185.00	\$4,995.00
60	SIDEWALK, PCC, 6 IN. THICK	40 SF	\$60.00	\$2,400.00	\$95.00	\$3,800.00
61	DETECTABLE WARNING	40 SF 124 SY	\$15.00	\$1,860.00	\$20.00	\$2,480.00
	PAVEMENT REMOVAL	1.44 STA	\$600.00	\$864.00	\$20.00 \$765.00	\$1,101.60
63	GROOVED-IN PAVEMENT MARKINGS, INTERSECTION MARKING TAPE		\$400.00	\$800.00	\$400.00	\$800.00
64	GROOVED-IN PRE-CUT SYMB AND LEGENDS, INTERSECTION MARKING	2 EACH 1.44 STA	\$200.00	\$288.00	\$850.00	\$1,224.00
65	GROOVES CUT FOR PAVEMENT MARKINGS		•	\$300.00	\$175.00	\$350.00
66	GROOVES CUT FOR SYMBOLS AND LEGENDS	2 EACH	\$150.00		· ·	\$4,750.00
67	TEMPORARY TRAFFIC CONTROL	1 LS	\$4,000.00	\$4,000.00	1	\$3,600.00
68	SOD	12 SQ	\$95.00	\$1,140.00	· ·	\$18,850.00
69	MOBILIZATION	1 LS	\$5,613.00	\$5,613.00	t '	\$1,500.00
70	TRAFFIC SIGNS	37.5 SF	\$50.00	\$1,875.00	ì	\$600.00
71	SIGN POSTS	4 EACH	\$300.00	\$1,200.00		\$500.00
72	RELOCATE TRAFFIC SIGN AND POST	5 EACH	\$300.00	\$300.00	\$100.00	
	SUBTOTAL DIV. 3 (SW 12TH STREET RAISED CROSSWALK AT LOOMIS	AVENUE)		\$74,690.00		\$124,724.60
	4 - STANTON AVENUE AND LAY STREET SPEED TABLES					
	SPEED TABLE, STANTON AVENUE	5 EACH	\$7,500.00	\$37,500.00		\$27,750.00
74	SPEED TABLE, LAY STREET	1 EACH	\$10,000.00	\$10,000.00		\$6,500.00
	SUBTOTAL DIV. 4 (STANTON AVENUE AND LAY STREET SPEED TABLE	ES)		\$47,500.00		\$34,250.00
	TOTAL CONCERNICATION COST (DIV 4. DIV 4. DIV 4. DIV. 4.			\$490,000.00		\$533,454.10
	TOTAL CONSTRUCTION COST (DIV. 1+DIV. 2+DIV. 3+Div. 4) PERCENT OF ENGINEER'S ESTIMATE			\$ 430 ,000.00	l	8.87%
	PERCENT OF ENGINEERS ESTIMATE					0.07 70