

Agenda Item Number

DATE May 4, 2009

ORDERING CONSTRUCTION OF 2ND AVENUE RESURFACING - GRAND AVENUE TO UNIVERSITY AVENUE AND FIXING A DATE FOR RECEIVING OF BIDS ON MAY 19, 2009 AND PUBLIC HEARING ON JUNE 8, 2009 ENGINEER'S ESTIMATE IS \$650,000.00

WHEREAS, this Council deems it advisable and necessary to construct the below referenced improvement, all in accordance with the plans and specifications, and has caused to be prepared plans, specifications, and form of contract, together with estimate of cost, which are now on file in the City Engineer's Office, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa 50309-1891, for public inspection for the construction of said improvements, and said plans, specifications and form of contract are deemed suitable for the making of said improvement, for which the State of Iowa Department of Transportation (IDOT) and the City of Des Moines, (CITY) have an agreement, previously approved by this Council, under which the IDOT has agreed to advertise, receive, open and tabulate sealed bids, and

WHEREAS, before said plans, specifications, form of contract, and estimated cost of the improvement may be approved, and contract for the construction of the improvement entered into, it is necessary to hold a public hearing.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached communication recommending construction of the following improvement and the method of financing; and also including the recommendation of the Des Moines City Engineer, as the Jurisdictional Engineer, submitting plans, specifications, form of contract documents, and Jurisdictional Engineer's estimate of cost for the construction of the following improvement:

2nd Avenue Resurfacing - Grand Avenue to University Avenue, 06-2006-002

STP-U-1945(707)--70-77

The improvement includes constructing a 3" thick HMA overlay, pavement markings, and other incidental items; in accordance with the contract documents, including Plans File Nos. 495-115/132, on 2nd Avenue from Grand Ave to University Avenue, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$650,000.00. The proposed plans, specifications, and form of contract documents are available for public inspection in the City Engineer's Office.

BE IT FURTHER RESOLVED: That this Council hereby determines that it is necessary and advisable to construct said improvement in the manner set forth in the plans, specifications, and form of contract documents submitted by the Jurisdictional Engineer; and that payment for the cost of said improvement shall be paid from the funding source identified below.

BE IT FURTHER RESOLVED: That a public hearing on said plans, specifications, form of contract documents, and Jurisdictional Engineer's estimate of construction cost for said improvement be held in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 5:00 p.m. on June 8, 2009, at which time this Council will consider any objections offered thereto or to the making of said improvement.



Agenda Item Number

DATE May 4, 2009

BE IT FURTHER RESOLVED: That proposals will be received by the Iowa Department of Transportation, for the construction of said improvements, and the taking of bids in the manner required by law. Proposals received will be opened and tabulated by the Iowa Department of Transportation on May 19, 2009, after which the bids together with a report and recommendation of the Chief Civil Engineer, will be presented to City Council at its next meeting for action thereon.

BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders and Notice of Public Hearing for said improvement be published in the Des Moines Register as provided and directed by Chapter 26 and/or 314, Code of Iowa.

Moved by

to adopt.

FORM APPROVED:

Kathleen Vanderpool Deputy City Attorney

FUNDS AVAILABLE

Allen McKinley Des Moines Finance Director

Funding Source: 2009-2010 CIP, Page Street-32, Rehabilitation and Preservation of Major Roadways, STR222,
Being: 80% of eligible construction costs (maximum \$350,000) from Federal Surface Transportation Program (STP) Funds and \$300,000 in G. O. Bonds

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT	I, Diane Rauh, City Clerk of said City Council, hereby certify that at a meeting of the City Council, held on the above date, among other proceedings the above was adopted.			
COWNIE								
COLEMAN								
HENSLEY								
KIERNAN					-			
MAHAFFEY					IN WITNESS WHEREOF, I have hereunto set my har			
MEYER					and affixed my seal the day and year first above written			
VLASSIS								
TOTAL								
MOTION CARRIED	•	* · · · · ·		APPROVED				

Mayor

ORCHARD LOCATION AVE 13TH PL 14TH ST sī င် AVE MARY AVE S INDIANA AVE INDIA AVE INDIANA AVE HIEI AVE ILLINUS AVE REIG UNIVERSIT AVE UNIVERSITY CT ST_ 12 IS <u>HICTOR</u> ENOS 13TH ST ENOS AVE 9TH FREMONT 14TH PL 6TH A 4TH ST 11TH ST LIS HILDI LAUREL 8 0 Ray LAUREL BUCHANAN S1 ST AE ATH ST LAURE WALKER ST ST OF ALCEL SCHOOL ST Í2TH PL 2TH ST MAPLE ST SI 15TH ß AVE YON 미 CROCKER LS HIG S <u>1</u>1TH S 9TH ST 7TH ST 6TH AVE AVE MOINES 5TH 23 ALTHOUS CENTER ST ROBER ST st 51 HE LIETH STROW POWEL JR. WA UN R SANT E 14TH PL PLE/ S COURT AVE 14TH ST 티 当 AVE 5 8 1 1 8 S Ê MATER 官 LINDE 留堂 GRAND 自 R st ഗ RE WALNU S Γg E W CITY OF DES MOINES Ś 2ND AVENUE FROM TO GRAND **AVENUE** UNIVERSITY **AVENUE** ACTIVITY 06-2006-002 ID DOT PN = STP-U-1945(707)--70-77

6C

PROJECT

7;\EWG\Design\06\2006\002\Drowings\Loo_Mep\LOC_4-15-09, MAP\LOC_MAP.DGN 16-APR-2009 09:34

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING CITY OF DES MOINES, IOWA Activity ID 06-2006-002 IDOT PROJ NO. STP-U-1945(707)--70-77 DATE:04/10/09

PROJECT: 2ND AVENUE RESURFACING

NO. ITEM CODE DESCRIPTION UNIT TOTAL UNIT TOTAL UNIT TOTAL 0010 2212-075095 Cleaning and Preparation of Base MILE 0.83 \$55,000.00 \$4,150.01 0020 2212-5070310 Patches, Full-Depth Repair SY 364.0 \$150.00 \$18,252.01 0040 2212-5070330 Patches, By Court (Repair) EACH 36 \$150.00 \$4,27.01 0040 2212-5070330 Patches By Court (Repair) TON 422.7 \$10.00 \$4,227.01 0040 2214-5145105 Pavement Scarification SY 422.7 \$10.00 \$4,227.01 0060 2303-042500 HMA (3M ESAL) Intermediate, 1/2" TON 170 2400 \$60.00 \$114.400.00 0070 2303-040500 HMA (3M ESAL) Surf, 1/2", No Fric TON 144 \$550.00 \$759,200.01 0100 2303-246020 Aphat Binder, PG 64-22 TON 144 \$560.00 \$56,000.00 0110 2303-400000 Adjustement Fixture				ESTIMATED UNITS		AMOUNT	
ONIT UNIT UNIT <th< td=""><td>NO.</td><td>ITEM CODE</td><td colspan="2">DESCRIPTION</td><td></td><td></td><td></td></th<>	NO.	ITEM CODE	DESCRIPTION				
0020 2212-5070310 Patches, Full-Depth Repair SY 540.8 \$125.00 \$67,600.0 0030 2212-5070320 Patches, Partial-Depth Repair SY 364.5 \$50.00 \$18,225.00 0040 2212-5070320 Patches, Partial-Depth Repair SY 364.5 \$50.00 \$18,225.00 0040 2212-5070320 Patches, By Count (Repair) EACH 36 \$150.00 \$54.400.0 0050 2214-5145151 Parement Scarification SY 422.7 \$10.00 \$4,227.0 0060 2303-0045500 HMA (3M ESAL) intermediate, 1/2" TON 2400 \$660.00 \$144.000.00 0060 2303-0245628 Asphatt Binder, PG 58-28 TON 144 \$550.00 \$79.200.01 0060 2303-0246422 Asphatt Binder, PG 64-22 TON 144 \$500.00 \$88.400.01 0110 2303-6911000 Hdx Mix Asphatl Pavement Sample LS 1 \$6,000.00 \$88.400.00 0110 2303-6911000 Intake, Type M-D EACH 1 <td< td=""><td></td><td></td><td colspan="2"></td><td></td><td></td><td>\$4,150.00</td></td<>							\$4,150.00
0040 2212-5070330 Patches By Count (Repair) EACH 36 \$150.00 \$5,400.0 0050 2214-5145150 Pavement Scarification SY 422.7 \$10.00 \$4,227.0 0060 2303-0042500 HMA (3M ESAL) Intermediate, 1/2" TON 2400 \$55.00 \$132,000.00 0070 2303-0043500 HMA (3M ESAL) Surf, 1/2", No Fric TON 2400 \$60.00 \$144,000.01 0080 2303-024522 Asphalt Binder, PG 58-28 TON 144 \$550.00 \$79,200.01 0100 2303-0246422 Asphalt Binder, PG 64-22 TON 144 \$600.00 \$86,400.00 0101 2303-3400000 Adjustment of Fixture EACH 56 \$250.00 \$14,000.00 0110 2303-440001 Intake, Type M-A. EACH 1 \$3,500.00 \$3,500.00 120 \$2503-4460040 Intake, Type M-A. EACH 1 \$4,600.00 \$4,500.00 130 2503-4460040 Intake, Type M-A. EACH 2 \$500.00 \$10,	0020				540.8		\$67,600.00
0050 2214-5145150 Pavement Scarification SY 422.7 \$10.00 \$4,227.0 0060 2303-0042500 HMA (3M ESAL) Intermediate, 1/2" TON 2400 \$55.00 \$132,000.0 0070 2303-0043500 HMA (3M ESAL) Surf, 1/2", No Fric TON 2400 \$60.00 \$144,000.00 0080 2303-0245828 Asphalt Binder, PG 58-28 TON 144 \$550.00 \$79,200.00 0090 2303-0246422 Asphalt Binder, PG 64-22 TON 144 \$600.00 \$86,400.00 0100 2303-464000 Adjustment of Fixture EACH 56 \$250.00 \$\$14,000.00 0101 2303-6911000 Hot Mix Asphalt Pavement Sample LS 1 \$6,000.00 \$\$4,500.00 0110 2503-4460040 Intake, Type M-A. EACH 1 \$\$4,500.00 \$\$4,500.00 0120 2503-4460040 Intake, Type M-D. EACH 1 \$\$4,500.00 \$\$4,500.00 0140 2516-6750600 Removal of Intake and Utility Access EACH 2 <	0030				364.5	\$50.00	\$18,225.00
0060 2303-0042500 HMA (3M ESAL) Intermediate, 1/2" TON 2400 \$\$5.00 \$\$132,000.00 0070 2303-0043500 HMA (3M ESAL) Surf, 1/2", No Fric TON 144 \$\$50.00 \$\$144,000.00 0080 2303-0245828 Asphalt Binder, PG 58-28 TON 144 \$\$55.00 \$\$79,200.00 0090 2303-0246422 Asphalt Binder, PG 64-22 TON 144 \$\$60.00 \$\$86,400.00 0100 2303-6911000 Adjustment of Fixture EACH 56 \$\$250.00 \$\$14,000.00 0110 2303-6911000 Hot Mix Asphalt Pavement Sample LS 1 \$\$6,000.00 \$\$6,000.00 0120 2503-4460040 Intake, Type M-A. EACH 1 \$\$4,500.00 \$\$4,500.00 0130 2503-4460040 Intake, Type M-D EACH 1 \$\$4,500.00 \$\$4,500.00 0140 2510-65750800 Removal of Intake and Utility Access EACH 2 \$\$50.00 \$\$1,000.00 0150 2547-9263128 Permanent Tape Marking, Intersection Marking Tape ST	0040	2212-5070330	Patches By Count (Repair)		36	\$150.00	\$5,400.00
0070 2303-0043500 HMA (3M ESAL) Surf, 1/2", No Fric TON 2400 \$60.00 \$144,000.00 0080 2303-0245828 Asphalt Binder, PG 58-28 TON 144 \$550.00 \$79,200.01 0090 2303-0246422 Asphalt Binder, PG 64-22 TON 144 \$600.00 \$86,400.00 0100 2303-3400000 Adjustment of Fixture EACH 56 \$250.00 \$144,000.00 0110 2303-6911000 Hot Mix Asphalt Pavement Sample LS 1 \$6,000.00 \$6,000.00 0120 2503-4460010 Intake, Type M-A EACH 1 \$3,500.00 \$3,500.00 0130 2503-4460040 Intake, Type M-D EACH 1 \$4,500.00 \$4,500.00 0140 2510-6750600 Removal of Intake and Utility Access EACH 2 \$500.00 \$100.00 0150 2518-6910000 Safety Closure EACH 20 \$100.00 \$2,995.72 0170 2527-9263128 Permanent Tape Marking, Intersection Marking Tape STA 32.87	0050	2214-5145150	Pavement Scarification		422.7	\$10.00	\$4,227.00
0080 2303-0245828 Asphalt Binder, PG 58-28 TON 144 \$550.00 \$79,200.01 0090 2303-0246422 Asphalt Binder, PG 64-22 TON 144 \$600.00 \$86,400.00 0100 2303-340000 Adjustment of Fixture EACH 56 \$250.00 \$14,000.00 0110 2303-691100 Hot Mix Asphalt Pavement Sample LS 1 \$6,000.00 \$6,000.00 0120 2503-4460010 Intake, Type M-A. EACH 1 \$3,500.00 \$3,500.00 0130 2503-4460040 Intake, Type M-D EACH 1 \$4,500.00 \$4,500.00 0140 2510-6750600 Removal of Intake and Utility Access EACH 2 \$500.00 \$1,000.00 0150 2518-6910000 Safety Closure EACH 20 \$100.00 \$2,000.00 0160 2527-9263128 Permanent Tape Marking, Waterborne/Solvent STA 32.87 \$335.00 \$11,011.42 0180 2527-9263128 Permanent Tape Marking, Intersection Marking Tape STA 3.12 <td>0060</td> <td>2303-0042500</td> <td colspan="2">HMA (3M ESAL) Intermediate, 1/2"</td> <td>2400</td> <td>\$55.00</td> <td>\$132,000.00</td>	0060	2303-0042500	HMA (3M ESAL) Intermediate, 1/2"		2400	\$55.00	\$132,000.00
0090 2303-0246422 Asphalt Binder, PG 64-22 TON 144 \$600.00 \$866,400.00 0100 2303-340000 Adjustment of Fixture EACH 56 \$250.00 \$14,000.00 0110 2303-6911000 Hot Mix Asphalt Pavement Sample LS 1 \$6,000.00 \$6,000.00 0120 2503-4460010 Intake, Type M-A EACH 1 \$3,500.00 \$34,500.00 0130 2503-4460040 Intake, Type M-A EACH 1 \$4,500.00 \$4,500.00 0140 2510-6750600 Removal of Intake and Utility Access EACH 2 \$500.00 \$1,000.00 0150 2518-6910000 Safety Closure EACH 20 \$100.00 \$2,958.73 0170 2527-9263128 Permanent Marking, Waterborne/Solvent STA 32.87 \$335.00 \$11,011.48 0180 2527-9263128 Permanent Tape Marking, Intersection Marking Tape STA 3.12 \$399.00 \$1,216.80 0190 2527-9263137 Painted Symbol+Legend, Waterborne/Solvent EACH	0070	2303-0043500	HMA (3M ESAL) Surf, 1/2", No Fric		2400	\$60.00	\$144,000.00
0100 2303-3400000 Adjustment of Fixture EACH 56 \$250.00 \$14,000.00 0110 2303-6911000 Hot Mix Asphalt Pavement Sample LS 1 \$6,000.00 \$6,000.00 0120 2503-4460010 Intake, Type M-A EACH 1 \$3,500.00 \$3,500.00 0130 2503-4460010 Intake, Type M-A EACH 1 \$4,500.00 \$3,500.00 0140 2510-6750600 Removal of Intake and Utility Access EACH 2 \$500.00 \$1,000.00 0150 2518-6910000 Safety Closure EACH 20 \$100.00 \$2,200.00 0160 2527-9263120 Painted Pavement Marking, Waterborne/Solvent STA 65.75 \$45.00 \$2,295.87.90 0170 2527-9263126 Permanent Tape Marking, Intersection Marking Tape STA 31.2 \$390.00 \$1,11.011.42 0180 2527-9263137 Painted Symbol+Legend, Waterborne/Solvent EACH 4 \$100.00 \$400.00 0200 2527-9263137 Painted Symbol+Legend, Waterborne/Solvent	0080	2303-0245828	Asphalt Binder, PG 58-28		144	\$550.00	\$79,200.00
Olio 2303-6911000 Hot Mix Asphait Pavement Sample LS 1 \$6,000.00 0110 2303-6911000 Intake, Type M-A. EACH 1 \$3,500.00 \$3,500.00 0130 2503-4460010 Intake, Type M-A. EACH 1 \$3,500.00 \$3,500.00 0140 2510-6750600 Removal of Intake and Utility Access EACH 2 \$500.00 \$4,500.00 0150 2518-6910000 Safety Closure EACH 20 \$100.00 \$2,000.00 0160 2527-9263109 Painted Pavement Marking, Waterborne/Solvent STA 65.75 \$45.00 \$2,958.74 0170 2527-9263126 Permanent Tape Marking, Profiled Pavement Marking Tape STA 32.87 \$335.00 \$11.011.48 0180 2527-9263128 Permanent Tape Marking, Intersection Marking Tape STA 31.2 \$390.00 \$400.00 0190 2527-9263137 Painted Symbol+Legend, Waterborne/Solvent EACH 4 \$400.00 \$400.00 0200 2527-9263137 Painted Symbol+Legend, Waterborne/Solvent	0090	2303-0246422	Asphalt Binder, PG 64-22	TON	144	\$600.00	\$86,400.00
0120 2503-4460010 Intake, Type M-A. EACH 1 \$3,500.00 0130 2503-4460040 Intake, Type M-D EACH 1 \$4,500.00 \$4,500.00 0140 2510-6750600 Removal of Intake and Utility Access EACH 2 \$500.00 \$1,000.00 0150 2518-6910000 Safety Closure EACH 20 \$100.00 \$2,000.00 0160 2527-9263109 Painted Pavement Marking, Waterborne/Solvent STA 65.75 \$45.00 \$2,958.71 0170 2527-9263126 Permanent Tape Marking, Intersection Marking Tape STA 31.21 \$390.00 \$11,011.42 0180 2527-9263137 Painted Symbol+Legend, Waterborne/Solvent EACH 4 \$100.00 \$400.00 0190 2527-9263137 Painted Symbol+Legend, Waterborne/Solvent EACH 4 \$100.00 \$400.00 0200 2527-9263138 Pre-Cut Symbol and Legend EACH 4 \$400.00 \$1,600.00 0210 2527-9270120 Groove Cut - Pav't Mark STA 32.87 <td>0100</td> <td>2303-3400000</td> <td>Adjustment of Fixture</td> <td>EACH</td> <td>56</td> <td>\$250.00</td> <td>\$14,000.00</td>	0100	2303-3400000	Adjustment of Fixture	EACH	56	\$250.00	\$14,000.00
0130 2503-4460040 Intake, Type M-D EACH 1 \$4,500.00 0140 2510-6750600 Removal of Intake and Utility Access EACH 2 \$500.00 \$100.00 0150 2518-6910000 Safety Closure EACH 20 \$100.00 \$2,000.00 0160 2527-9263109 Painted Pavement Marking, Waterborne/Solvent STA 65.75 \$45.00 \$2,958.79 0170 2527-9263128 Permanent Tape Marking, Profiled Pavement Marking Tape STA 32.87 \$335.00 \$11,011.44 0180 2527-9263137 Painted Symbol+Legend, Waterborne/Solvent EACH 4 \$100.00 \$400.00 0190 2527-9263138 Permanent Tape Marking, Intersection Marking Tape STA 3.12 \$390.00 \$11,600.00 0200 2527-9263137 Painted Symbol+Legend, Waterborne/Solvent EACH 4 \$100.00 \$400.00 0210 2527-9263138 Pre-Cut Symbol and Legend EACH 4 \$400.00 \$1,600.00 0210 2527-9270111 Groove Cut - Pav't Mark	0110	2303-6911000	Hot Mix Asphalt Pavement Sample	LS	1	\$6,000.00	\$6,000.00
0140 2510-6750600 Removal of Intake and Utility Access EACH 2 \$500.00 \$1,000.00 0150 2518-6910000 Safety Closure EACH 20 \$100.00 \$2,000.00 0160 2527-9263109 Painted Pavement Marking, Waterborne/Solvent STA 65.75 \$45.00 \$2,958.74 0170 2527-9263128 Permanent Tape Marking, Profiled Pavement Marking Tape STA 32.87 \$333.00 \$11,011.44 0180 2527-9263138 Permanent Tape Marking, Intersection Marking Tape STA 3.12 \$390.00 \$4400.00 0190 2527-9263137 Painted Symbol+Legend, Waterborne/Solvent EACH 4 \$100.00 \$4400.00 0200 2527-9263138 Pre-Cut Symbol and Legend EACH 4 \$400.00 \$400.00 0210 2527-9270111 Groove Cut - Pav't Mark STA 32.87 \$82.00 \$2,695.34 0220 2527-9270120 Groove Cut - Symbol+Legend EACH 4 \$20.00 \$800.00 0230 2528-8445110 Taffic Control <td>0120</td> <td>2503-4460010</td> <td>Intake, Type M-A</td> <td>EACH</td> <td>1</td> <td>\$3,500.00</td> <td>\$3,500.00</td>	0120	2503-4460010	Intake, Type M-A	EACH	1	\$3,500.00	\$3,500.00
Other Description Descripical distributit distrescription distributit distr	0130	2503-4460040	Intake, Type M-D	EACH	1	\$4,500.00	\$4,500.00
O160 2527-9263109 Painted Pavement Marking, Waterborne/Solvent STA 65.75 \$45.00 \$2,958.79 0170 2527-9263126 Permanent Tape Marking, Profiled Pavement Marking Tape STA 32.87 \$335.00 \$11,011.49 0180 2527-9263128 Permanent Tape Marking, Intersection Marking Tape STA 3.12 \$390.00 \$11,216.80 0190 2527-9263137 Painted Symbol+Legend, Waterborne/Solvent EACH 4 \$100.00 \$4400.00 0200 2527-9263158 Pre-Cut Symbol and Legend EACH 4 \$400.00 \$1,600.00 0210 2527-9270111 Groove Cut - Pav't Mark STA 32.87 \$82.00 \$2,695.34 0220 2527-9270120 Groove Cut - Symbol+Legend EACH 4 \$20.00 \$80.00 0230 2528-8445110 Traffic Control LS 1 \$15,000.00 \$6,000.00 0240 2528-9290004 Changeable Message Sign, Portable DAY 20 \$300.00 \$6,000.00 0250 2530-0400061 Hot Mix Asphalt	0140	2510-6750600	Removal of Intake and Utility Access	EACH	2	\$500.00	\$1,000.00
0170 2527-9263126 Permanent Tape Marking, Profiled Pavement Marking Tape STA 32.87 \$335.00 \$11,011.45 0180 2527-9263128 Permanent Tape Marking, Intersection Marking Tape STA 3.12 \$390.00 \$1,216.80 0190 2527-9263137 Painted Symbol+Legend, Waterborne/Solvent EACH 4 \$100.00 \$400.00 0200 2527-9263158 Pre-Cut Symbol and Legend EACH 4 \$400.00 \$1,600.00 0210 2527-9270111 Groove Cut - Pav't Mark STA 32.87 \$82.00 \$2,695.34 0220 2527-9270120 Groove Cut - Symbol+Legend EACH 4 \$20.00 \$80.00 0230 2528-8445110 Traffic Control LS 1 \$15,000.00 \$80.00 0230 2528-8445112 Flaggers DAY 20 \$300.00 \$6,000.00 0240 2528-9290004 Changeable Message Sign, Portable CDAY 42 \$75.00 \$3,150.00 0250 2530-0400061 Hot Mix Asphalt (Partial Depth Patch Material)	0150	2518-6910000	Safety Closure	EACH	20	\$100.00	\$2,000.00
0180 2527-9263128 Permanent Tape Marking, Intersection Marking Tape STA 3.12 \$390.00 \$1,216.80 0190 2527-9263137 Painted Symbol+Legend, Waterborne/Solvent EACH 4 \$100.00 \$400.00 0200 2527-9263138 Pre-Cut Symbol and Legend EACH 4 \$400.00 \$1,600.00 0210 2527-9263138 Pre-Cut Symbol and Legend EACH 4 \$400.00 \$1,600.00 0210 2527-9270111 Groove Cut - Pav't Mark STA 32.87 \$82.00 \$2,695.34 0220 2527-9270120 Groove Cut - Symbol+Legend EACH 4 \$20.00 \$80.00 0230 2528-8445110 Traffic Control LS 1 \$15,000.00 \$6,000.00 0240 2528-8445112 Flaggers DAY 20 \$300.00 \$6,000.00 0250 2528-929004 Changeable Message Sign, Portable CDAY 42 \$75.00 \$3,150.00 0260 2530-040061 Hot Mix Asphalt (Partial Depth Patch Material) TON 105.3<	0160	2527-9263109	Painted Pavement Marking, Waterborne/Solvent	STA	65.75	\$45.00	\$2,958.75
0190 2527-9263137 Painted Symbol+Legend, Waterborne/Solvent EACH 4 \$100.00 \$400.00 0200 2527-9263158 Pre-Cut Symbol and Legend EACH 4 \$400.00 \$1,600.00 0210 2527-9270111 Groove Cut - Pav't Mark STA 32.87 \$82.00 \$2,695.34 0220 2527-9270120 Groove Cut - Symbol+Legend EACH 4 \$20.00 \$800.00 0230 2528-8445110 Traffic Control LS 1 \$15,000.00 \$800.00 0240 2528-8445112 Flaggers DAY 20 \$300.00 \$6,000.00 0250 2528-920004 Changeable Message Sign, Portable CDAY 42 \$75.00 \$3,150.00 0260 2530-040061 Hot Mix Asphalt (Partial Depth Patch Material) TON 105.3 \$100.00 \$10,530.00	0170	2527-9263126	Permanent Tape Marking, Profiled Pavement Marking Tape	STA	32.87	\$335.00	\$11,011.45
0200 2527-9263158 Pre-Cut Symbol and Legend EACH 4 \$400.00 \$1,600.00 0210 2527-9270111 Groove Cut - Pav't Mark STA 32.87 \$82.00 \$2,695.34 0220 2527-9270120 Groove Cut - Symbol+Legend EACH 4 \$20.00 \$80.00 0230 2528-8445110 Traffic Control LS 1 \$15,000.00 \$15,000.00 0240 2528-8445112 Flaggers DAY 20 \$300.00 \$6,000.00 0250 2528-929004 Changeable Message Sign, Portable CDAY 42 \$75.00 \$31,500.00 0260 2530-040061 Hot Mix Asphalt (Partial Depth Patch Material) TON 105.3 \$100.00 \$10,530.00	0180	2527-9263128	Permanent Tape Marking, Intersection Marking Tape	STA	3.12	\$390.00	\$1,216.80
O210 2527-9270111 Groove Cut - Pav't Mark STA 32.87 \$82.00 \$2,695.34 O220 2527-9270120 Groove Cut - Symbol+Legend EACH 4 \$20.00 \$80.00 O230 2528-8445110 Traffic Control LS 1 \$15,000.00 \$86,000.00 O240 2528-8445112 Flaggers DAY 20 \$300.00 \$66,000.00 O250 2528-9290004 Changeable Message Sign, Portable CDAY 42 \$75.00 \$31,150.00 O260 2530-0400061 Hot Mix Asphalt (Partial Depth Patch Material) TON 105.3 \$100.00 \$10,530.00	0190	2527-9263137	Painted Symbol+Legend, Waterborne/Solvent	EACH	4	\$100.00	\$400.00
0220 2527-9270120 Groove CutSymbol+Legend EACH 4 \$20.00 \$80.00 0230 2528-8445110 Traffic Control LS 1 \$15,000.00 \$15,000.00 0240 2528-8445112 Flaggers DAY 20 \$300.00 \$6,000.00 0250 2528-9290004 Changeable Message Sign, Portable CDAY 42 \$75.00 \$31,50.00 0260 2530-040061 Hot Mix Asphalt (Partial Depth Patch Material) TON 105.3 \$100.00 \$10,530.00	0200	2527-9263158	Pre-Cut Symbol and Legend	EACH	4	\$400.00	\$1,600.00
O230 2528-8445110 Traffic Control LS 1 \$15,000.00 \$15,000.00 0240 2528-8445112 Flaggers DAY 20 \$3300.00 \$6,000.00 0250 2528-9290004 Changeable Message Sign, Portable CDAY 42 \$75.00 \$3,150.00 0260 2530-0400061 Hot Mix Asphalt (Partial Depth Patch Material) TON 105.3 \$100.00 \$10,530.00	0210	2527-9270111	Groove Cut - Pav't Mark	STA	32.87	\$82.00	\$2,695.34
0240 2528-8445112 Flaggers DAY 20 \$300.00 \$6,000.00 0250 2528-9290004 Changeable Message Sign, Portable CDAY 42 \$75.00 \$3,150.00 0260 2530-0400061 Hot Mix Asphalt (Partial Depth Patch Material) TON 105.3 \$100.00 \$10,530.00	0220	2527-9270120	Groove CutSymbol+Legend	EACH	4	\$20.00	\$80.00
O250 2528-9290004 Changeable Message Sign, Portable CDAY 42 \$75.00 \$3,150.00 0260 2530-0400061 Hot Mix Asphalt (Partial Depth Patch Material) TON 105.3 \$100.00 \$10,530.00	023 0	2528-8445110	Traffic Control	LS	1	\$15,000.00	\$15,000.00
0260 2530-0400061 Hot Mix Asphalt (Partial Depth Patch Material) TON 105.3 \$100.00 \$10,530.00	0240	2528-8445112	Flaggers	DAY	20	\$300.00	\$6,000.00
	0250	2528-9290004	Changeable Message Sign, Portable	CDAY	42	\$75.00	\$3,150.00
0270 2533-4980005 Mobilization LS 1 \$23,155.66 \$23,155.66	0260	2530-0400061	Hot Mix Asphalt (Partial Depth Patch Material)	TON	105.3	\$100.00	\$10,530.00
	0270	2533-4980005	Mobilization	LS	1	\$23,155.66	\$23,155.66

Prepared By: Matt Becker

Checked By: _____

TOTAL CONSTRUCTION COST

\$650,000.00