



Roll Call Number

Agenda Item Number

8 E

DATE October 25, 2010

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 2ND AVENUE RESURFACING - GRAND AVENUE TO UNIVERSITY AVENUE, GRIMES ASPHALT & PAVING CORP.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Jurisdictional Engineer, showing the cost of the construction of the 2nd Avenue Resurfacing - Grand Avenue to University Avenue, 06-2006-002, in accordance with the contract approved between Grimes Asphalt & Paving Corp., J. M. Yonker, President, 1001 SE 37th Street, Grimes, IA 50111, under Roll Call No. 09-1041, of June 8, 2009, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

BE IT FURTHER RESOLVED: That \$689,538.77 is the total cost, of which \$668,852.61 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$20,686.16 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573.

BE IT FURTHER RESOLVED: That the Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by _____ to adopt.

FORM APPROVED:

Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE

Allen McKinley
Des Moines Finance Director

Funding Source: 2010-2011 CIP, Page Street-36, Rehabilitation and Preservation of Major Roadways, STR222, Being: \$350,000 from Federal Surface Transportation Program (STP) Funds, 80% of eligible construction costs (maximum \$350,000), and \$339,538.77 in G. O. Bonds

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

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GREISS				
HENSLEY				
MAHAFFEY				
MEYER				
MOORE				
TOTAL				
MOTION CARRIED	APPROVED			

Mayor

CERTIFICATE

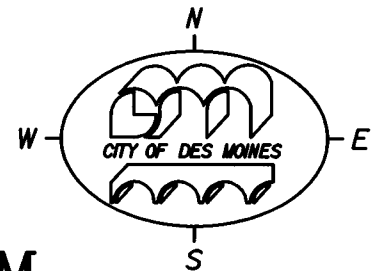
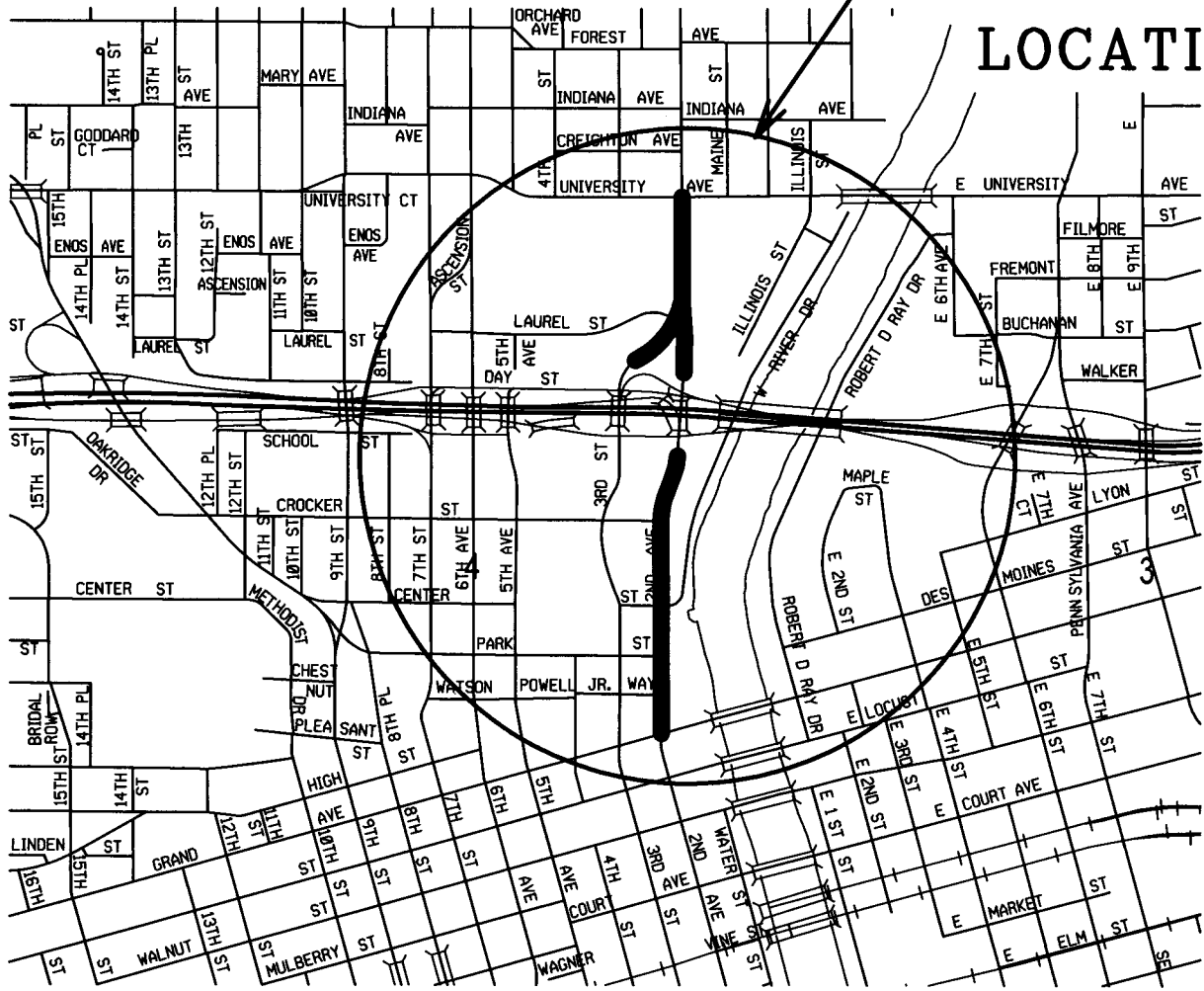
I, DIANE RAUH, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

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

City Clerk

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PROJECT LOCATION



**2ND AVENUE FROM
 GRAND AVENUE TO
 UNIVERSITY AVENUE
 ACTIVITY ID 06-2006-002**

DOT PN = STP-U-1945(707)--70-77

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PROJECT SUMMARY

2nd Avenue Resurfacing Activity ID 06-2006-002

On June 8, 2009, by Roll Call No. 09-1041, the City Council awarded the contract for the above construction to Grimes Asphalt & Paving Corp. The 2nd Avenue Resurfacing - Grand Ave to University Avenue, Activity ID 06-2009-008, IDOT Project No. STP-U-1945(707)--70-77, described as: 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.

Tabulated below is a history of project change orders.

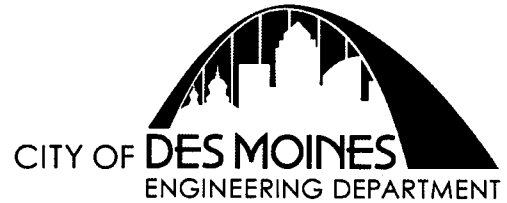
<u>Change Order No.</u>	<u>Description</u>	<u>Initiated By</u>	<u>Amount</u>
1	11/16/2009 This change order is to replace deteriorated pavement and castings.	Engineering	\$3,907.16
2	2/18/2010 This change order is for a 5% price reduction for the HMA Surface Asphalt due to a low Quality Index for Density.	Engineering	(\$7,455.49)
3	2/24/2010 Adjust quantities for patching, asphalt, and scarification to as-built quantities.	Engineering	\$20,250.38
4	3/31/2010 Adjust quantities of intake replacements to as-built quantities.	Engineering	\$21,660.00
5	4/7/2010 Add work to repair a void under the street caused by a broken storm sewer	Engineering	\$3,327.50
6	7/29/2010 Adjust final quantities to agreed upon asbuilt quantities.	Engineering	\$10,360.32

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<u>Change Order No.</u>	<u>Description</u>	<u>Initiated By</u>	<u>Amount</u>
	Original Contract Amount		\$637,488.90
	Total Change Orders		\$52,049.87
	Percent of Change Orders to Original Contract		8.16%
	Final Contract Amount		\$689,538.77

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October 25, 2010



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the 2nd Avenue Resurfacing - Grand Avenue to University Avenue, Grimes Asphalt & Paving Corp..

SYNOPSIS:

Approve the Jurisdictional Engineer's Certification of Completion, accept construction of said improvement, and authorize final payment to the contractor.

FISCAL IMPACT:

Amount: \$689,538.77 As-Built Contract Cost

Funding Source: 2010-2011 CIP, Page Street-36, Rehabilitation and Preservation of Major Roadways, STR222, Being: \$350,000 from Federal Surface Transportation Program (STP) Funds, 80% of eligible construction costs (maximum \$350,000), and \$339,538.77 in G. O. Bonds

CERTIFICATION OF COMPLETION:

On June 8, 2009, under Roll Call No. 09-1041, the City Council awarded a contract to Grimes Asphalt & Paving Corp., J. M. Yonker, President, 1001 SE 37th Street, Grimes, IA 50111 for the construction of the following improvement:

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

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

I hereby certify that the construction of said 2nd Avenue Resurfacing - Grand Avenue to University Avenue, Activity ID 06-2006-002, has been completed in substantial compliance with the terms of said contract, and I hereby recommend that the work be accepted. The work commenced on August 4, 2009, and was completed on October 13, 2010.

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I further certify that \$689,538.77 is the total cost of said improvement, of which \$668,852.61 has been paid the Contractor and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$20,686.16 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code chapter 573. The amount of completed work is shown on the attached Estimate of Construction Completed.



Jeb E. Brewer, P.E.
Des Moines City Engineer

**ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA**



**ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 07/31/10 to 08/13/10
FINAL PAYMENT (PARTIAL PAYMENT NO. 8)**

**Proj No: STP-U-1945(707)--70-77
Activity ID: 06-2006-002
Date: 08/13/10**

**PROJECT: 2nd AVENUE RESURFACING
CONTRACTOR: GRIMES ASPHALT & PAVING**

LINE NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	
10	Cleaning and Preparation of Base	MILE	0.830	0.830	0.830	\$3,735.00
20	Patches, Full-Depth Repair	SY	540.800	1,107.260	1,107.260	\$79,722.72
30	Patches, Partial-Depth Repair	SY	364.500	157.810	157.810	\$6,312.40
40	Patches By Count (Repair)	EACH	36.000	77.000	77.000	\$7,700.00
50	Pavement Scarification	SY	422.700	1,367.500	1,367.500	\$27,350.00
60	HMA (3M ESAL) Intermediate, 1/2"	TON	2,400.000	2,257.450	2,257.450	\$121,902.30
70	HMA (3M ESAL) Surf, 1/2", No Fric	TON	2,400.000	2,615.980	2,615.980	\$149,110.86
80	Asphalt Binder, PG 58-28	TON	144.000	0.000	0.000	\$0.00
90	Asphalt Binder, PG 64-22	TON	144.000	241.370	241.370	\$144,822.00
100	Adjustment of Fixture	EACH	56.000	46.000	46.000	\$11,500.00
110	Hot Mix Asphalt Pavement Sample	LS	1.000	1.000	1.000	\$1,200.00
120	Intake, Type M-A	EACH	1.000	4.000	4.000	\$3,600.00
130	Intake, Type M-D	EACH	1.000	3.000	3.000	\$7,200.00
140	Removal of Intake and Utility Access	EACH	2.000	7.000	7.000	\$900.00
150	Safety Closure	EACH	20.000	20.000	20.000	\$1,660.00
160	Painted Pavement Markings, Waterborne/Solvent	STA	65.750	69.610	69.610	\$3,758.94
170	Permanent Tape Marking, Profiled Pavement Marking Tape	STA	32.870	42.000	42.000	\$17,556.00
180	Permanent Tape Marking, Intersection Marking Tape	STA	3.120	5.940	5.940	\$2,673.00
190	Painted Symbol+Legend, Waterborne/Solvent	EACH	4.000	6.000	6.000	\$528.00
200	Pre-Cut Symbol and Legend	EACH	4.000	7.000	7.000	\$3,003.00
210	Groove Cut - Pav't Mark	STA	32.870	47.940	47.940	\$1,054.68
220	Groove Cut- -Symbol+Legend	EACH	4.000	7.000	7.000	\$658.00
230	Traffic Control	LS	1.000	1.000	1.000	\$12,000.00
240	Flaggers	DAY	20.000	8.000	8.000	\$2,360.00
250	Changeable Message Sign, Portable	C DAY	42.000	45.000	45.000	\$14,850.00
260	Hot Mix Asphalt (Partial Depth Patch Material)	TON	105.300	35.310	35.310	\$6,002.70
270	Mobilization	LS	1.000	1.000	1.000	\$28,000.00
8001	Additional Traffic Control	LS		1.000	1.000	\$3,285.66
8002	Utility Access Casting	EACH		1.000	1.000	\$621.50

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
8003	Price Adj\HMA Pav't QI-Deficient Density	TON		-130.798	-130.798	\$57.00	(\$7,455.49)
8004	Storm Sewer Repair	LS		3,327.500	3,327.500	\$1.00	\$3,327.50
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$689,538.77				
	PARTIAL PAYMENT #1		\$310,984.41				
	PARTIAL PAYMENT #2		\$263,093.90				
	PARTIAL PAYMENT #3		\$3,789.95				
	PARTIAL PAYMENT #4		\$5,427.15				
	PARTIAL PAYMENT #5		\$50,761.18				
	PARTIAL PAYMENT #6		\$9,903.57				
	PARTIAL PAYMENT #7		\$24,892.45				
	THIS PARTIAL PAYMENT		\$0.00				
	TOTAL PARTIAL PAYMENTS		\$668,852.61				
	BALANCE		\$20,686.16				
					TOTAL		\$689,538.77
					RETAINAGE		\$20,686.16
					TOTAL LESS RETAINAGE		\$668,852.61
					LESS PREVIOUS PAYMENT		\$668,852.61
					AMOUNT DUE		\$0.00

PREPARED BY: Matthew Beckler

CHECKED BY: Janet L. Esch

FINAL PAYMENT (PARTIAL PAYMENT NO. 8)

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