



**Roll Call Number**

**Agenda Item Number**

13 B

DATE October 9, 2006

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 2006 EXPANDED STREET RESURFACING PROGRAM - ARTERIAL, DES MOINES ASPHALT & PAVING CO.**

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 2006 Expanded Street Resurfacing Program - Arterial, 06-2006-005, in accordance with the contract approved between Des Moines Asphalt & Paving Co., Jim Gauger, President, P.O. Box 3365, 5550 NE 22nd Street, Suite 100, Des Moines, IA 50316, under Roll Call No. 06-559, of March 20, 2006, 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 \$1,530,705.64 is the total cost, of which \$1,392,500.11 has been paid the Contractor, and \$61,670.25 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$76,535.28 is to be paid at the end of thirty days, provided no claims or liens have been filed against said contract. In the event that at the end of said thirty (30) day period, claims are on file as herein provided, the City of Des Moines shall continue to retain from said unpaid funds, a sum not less than double the total amount of all claims on file, or the full Chapter 573 Code of Iowa retainage amount, whichever is lesser.

BE IT FURTHER RESOLVED: That the Engineering Department be and is hereby authorized and directed to notify all persons and firms with outstanding Chapter 573 claims against said project, that the project has been given final acceptance as completed by this City Council, that they have 60 days from such acceptance within which to initiate suit to collect on their claims, and that if suit is not commenced within that time, the City of Des Moines will be required to release the retainage which it is now holding.

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:

FUNDS AVAILABLE

Emily Gould Chafa

Emily Gould Chafa  
Assistant City Attorney

Allen McKinley

Allen McKinley  
Des Moines Finance Director

Funding Source: 2006-2007 CIP, Page Street-42, Special City-wide Street Improvements, STR217, Being: Gaming Monies from the Agreement with Polk County and The Racing Association of Central Iowa

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COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
HENSLEY				
KIERNAN				
MAHAFFEY				
VLASSIS				
TOTAL				
MOTION CARRIED			APPROVED	

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.

\_\_\_\_\_  
Mayor

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

13 B

October 9, 2006

**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the 2006 Expanded Street Resurfacing Program - Arterial, Des Moines Asphalt & Paving Co..

**SYNOPSIS:**

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

**FISCAL IMPACT:**

Amount: \$1,530,705.64 As-Built Contract Cost

Funding Source: 2006-2007 CIP, Page Street-42, Special City-wide Street Improvements, STR217, Being:

Gaming Monies from the Agreement with Polk County and The Racing Association of Central Iowa

**CERTIFICATION OF COMPLETION:**

On March 20, 2006, under Roll Call No. 06-559, the City Council awarded a contract to Des Moines Asphalt & Paving Co., Jim Gauger, President, P.O. Box 3365, 5550 NE 22nd Street, Suite 100, Des Moines, IA 50316 for the construction of the following improvement:

2006 Expanded Street Resurfacing Program - Arterial, 06-2006-005

Scarification of existing asphalt streets, furnish and place Hot-Mix-Asphalt (HMA), furnish and place pavement markings, and other incidental items; in accordance with the contract documents, including Plans File Nos. 461-001/028, at the following locations:

- Woodland Avenue - M.L. King, Jr. Parkway to 31st Street
- 18th Street - Woodland Avenue to Crocker Street
- University Avenue - 55th Street to 63rd Street
- University Avenue - 28th Street to 42nd Street
- 57th Street - Douglas Avenue to Aurora Avenue
- 53rd Street - Douglas Avenue to Aurora Avenue
- Grandview Avenue - N Union Street to E 14th Street
- E 29th Street - Douglas Avenue to E Aurora Avenue
- E 21st Street - Hubbell Avenue to Easton Boulevard
- Grand Avenue - E 14th Street to E 18th Street
- E Lacona Avenue - SE 6th Street to SE 14th Street
- Porter Avenue - Fleur Drive to SW 9th Street



ENGINEERING DEPARTMENT  
CITY HALL  
400 ROBERT D. RAY DRIVE  
DES MOINES, IOWA 50309 -1891  
(515) 283-4920  
FAX (515) 283-4112

ALL-AMERICA CITY  
1949, 1976, 1981  
2003

I hereby certify that the construction of said 2006 Expanded Street Resurfacing Program - Arterial, Activity ID 06-2006-005, 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 May 1, 2006, and was completed on September 29, 2006.

I further certify that \$1,530,705.64 is the total cost of said improvement, of which \$1,392,500.11 has been paid the Contractor and \$61,670.25 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$76,535.28 is to be paid at the end of thirty days, provided no claims or liens have been filed against said contract. In the event that at the end of said thirty (30) day period, claims are on file as herein provided, the City of Des Moines shall continue to retain from said unpaid funds, a sum not less than double the total amount of all claims on file, or the full Chapter 573 Code of Iowa retainage amount, whichever is lesser. The amount of completed work is shown on the attached Estimate of Construction Completed.

A handwritten signature in black ink that reads "Jeb E. Brewer". The signature is written in a cursive style. To the right of the signature, there is a small red mark that looks like a checkmark or a stylized "M".

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

**ESTIMATE OF CONSTRUCTION COMPLETED**  
FOR WORK DONE FROM 08/04/06 TO 08/30/06  
**FINAL PAYMENT (Partial Payment No. 4)**

**PROJECT: 2006 EXPANDED STREET RESURFACING PROGRAM-ARTERIAL**  
**CONTRACTOR: Des Moines Asphalt & Paving Co.**

FINAL PAYMENT (Partial Payment No. 4)

LINE NO.	DESCRIPTION	UNIT	UNITS				CONSTRUCTED TO DATE	UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED					
0001	Cleaning and Preparation of Base	MILE	6.55	6.55		6.55	\$5,175.00	\$33,896.25	
0002	Pavement Scarification, 2 inch	SY	91729	91729		91729	\$1.50	\$137,593.50	
0003	HMA (3M ESAL) Surface, 1/2", Friction L-4	TON	17775	18801.12		18801.12	\$58.00	\$1,090,464.96	
0004	Milled Butt Joints	LS	1	1		1	\$20,620.00	\$20,620.00	
0005	Manhole Adjusting Ring	EACH	22	110		110	\$250.00	\$27,500.00	
0006	Casting, Type B, 24in	EACH	6	7		7	\$600.00	\$4,200.00	
0007	Patch by Count	EACH	20	10		10	\$55.00	\$550.00	
0008	Patch, Full Depth	SY	120	53.53		53.53	\$100.00	\$5,353.00	
0009	Remove & Replace M-A Intake	EACH	2	0		0	\$3,500.00	\$0.00	
0010	Remove & Replace M-F Intake	EACH	2	0		0	\$6,000.00	\$0.00	
0011	Painted Pavement Markings, Waterborne or Solvent based	STA	31	643.65		643.65	\$20.00	\$12,873.00	
0012	Painted Symbols and Legend, Waterborne or Solvent based	EACH	12	8		8	\$80.00	\$640.00	
0013	Painted Pavement Markings, Durable	STA	392	390.59		390.59	\$100.00	\$39,059.00	
0014	Painted Symbols and Legend, Durable	EACH	42	43		43	\$250.00	\$10,750.00	
0015	Grooves Cut for Pavement Markings	STA	392	390.59		390.59	\$27.00	\$10,545.93	
0016	Grooves Cut for Symbols and Legends	EACH	42	43		43	\$55.00	\$2,365.00	
0017	Loop Detector, Replacement, 6' by 8'	EACH	4	25		25	\$650.00	\$16,250.00	
0018	Loop Detector, Replacement, 6' by 20'	EACH	22	11		11	\$850.00	\$9,350.00	
0019	Traffic Control	LS	1	1		1	\$35,000.00	\$35,000.00	
0020	Flaggers	Day	75	76.5		76.5	\$350.00	\$26,775.00	
0021	Mobilization	LS	1	1		1	\$45,000.00	\$45,000.00	
0022	Project Sign, Small	EACH	24	24		24	\$80.00	\$1,920.00	
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$1,530,705.64						
	PARTIAL PAYMENT #1		\$486,574.27						
	PARTIAL PAYMENT #2		\$624,584.42						
	PARTIAL PAYMENT #3		\$281,341.42						
	THIS PARTIAL PAYMENT		\$61,670.25						
	TOTAL PARTIAL PAYMENTS		\$1,454,170.36						
	BALANCE		\$76,535.28						
	TOTAL							\$1,530,705.64	
	RETAINAGE							\$76,535.28	
	TOTAL LESS RETAINAGE							\$1,454,170.36	
	LESS PREVIOUS PAYMENT							\$1,392,500.11	
	AMOUNT DUE							\$61,670.25	
	FINAL PAYMENT (Partial Payment No. 4)								

PREPARED BY: Matthew Becker  
CHECKED BY: Yang Hanke

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# PROJECT SUMMARY

## 2006 Expand St. Resurf Program –Arterial

### Activity ID 06-2006-005

On March 20, 2006, under Roll Call No. 06-559, the City Council awarded the contract for the above construction to Des Moines Asphalt & Paving Co. in the amount of \$1,457,903.75. The 2006 Expanded Street Resurfacing Program Arterial, Activity ID 06-2006-005, described as: scarification of existing asphalt streets, furnish and place hot mix asphalt, and furnish and place pavement markings, and other incidental items; in accordance with the contract documents, including Plans File Nos. 461-001/028, at the following locations:

- 1 Woodland Ave - M.L. King PKWY to 31ST ST
- 2 18th ST - Woodland Ave to Crocker ST
- 3 University Ave - 63rd ST to 55th ST
- 4 University Ave - 42nd ST to 28th ST
- 5 57th ST - Douglas Ave to Aurora Ave
- 6 53rd ST - Douglas Ave to Aurora Ave
- 7 Grandview Ave - N Union ST to E 14th ST
- 8 E 29th ST - Douglas Ave to E Aurora
- 9 E 21st ST - Hubbell Ave to Easton BLVD
- 10 Grand Ave - E 14TH ST to E 18TH ST
- 11 E Lacona Ave - SE 6TH ST to SE 14TH ST
- 12 Porter Ave - Fleur DR to 9th ST

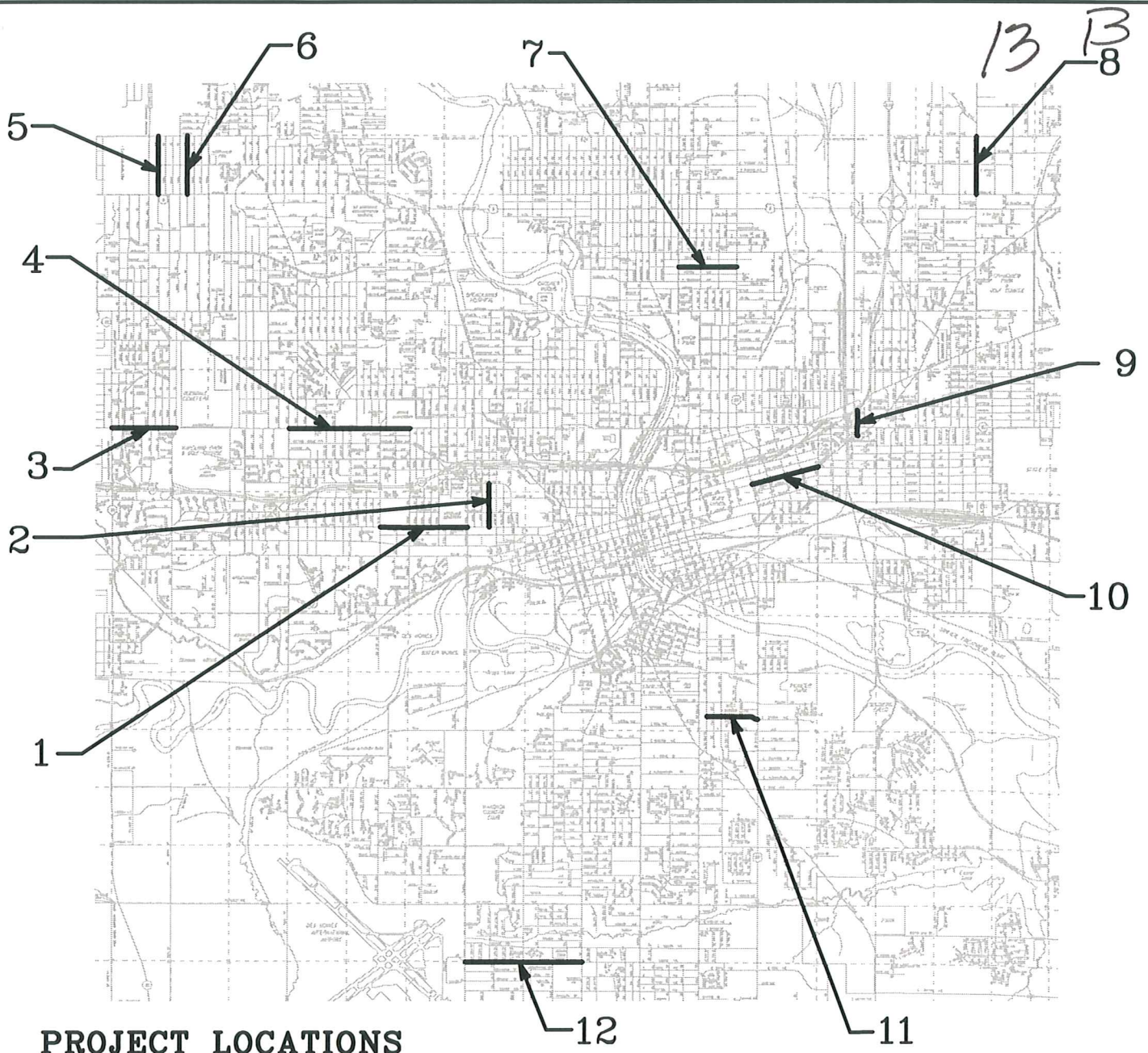
Tabulated below is a history of project change orders.

<u>Change Order No.</u>	<u>Description</u>	<u>Initiated By</u>	<u>Amount</u>
1	6/22/2006 Increase quantity of HMA to the as-built quantity on E Lacona Avenue.	Engineering	\$9,397.82
2	7/5/2006 Increase the quantity of hot mix asphalt to the as-built quantity of asphalt for Grand Avenue and E 29th Street.	Engineering	\$9,906.40
3	7/28/2006 Increase the quantity of hot mix asphalt to the as-built quantity of asphalt for University Ave (from 28th Street to 42nd Street) and Porter Avenue.	Engineering	\$9,735.88
4	8/15/2006 Increase quantity of hot mix asphalt to as-built quantity for University Ave & 57th St. Increase quantity of manhole adjusting rings to as-built quantity on 57th	Engineering	\$9,950.80

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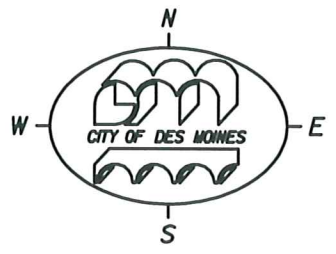
<u>Change Order No.</u>	<u>Description</u>	<u>Initiated By</u>	<u>Amount</u>
5	8/23/2006 Adjust to as-built quantities for painted pavement markings, intake repairs, and loop detectors. Adjust quantity of hot mix asphalt to as-built quantity for Grandview Avenue, E 21st Street, and Woodland Avenue.	Engineering	\$9,287.46
6	9/6/2006 Adjust quantities for manhole adjusting rings and emergency concrete patches to as-built quantities.	Engineering	\$9,803.00
7	9/12/2006 Increase the paint quantity to the as-built quantity	Engineering	\$6,689.60
8	9/19/2006 Adjust quantities for permanent paint and grooving for the final as-built quantities.	Engineering	\$8,030.93
<b>Original Contract Amount</b>			\$1,457,903.75
<b>Total Change Orders</b>			\$72,801.89
<b>Percent of Change Orders to Original Contract</b>			4.99%
<b>Final Contract Amount</b>			\$1,530,705.64

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### PROJECT LOCATIONS

- 1 Woodland Ave - M.L. King PKWY to 31ST ST
- 2 18th ST - Woodland Ave to Crocker ST
- 3 University Ave - 63rd ST to 55th ST
- 4 University Ave - 42nd ST to 31st ST
- 5 57th ST - Douglas Ave to Aurora Ave
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- 7 Grandview Ave - N Union ST to E 14th ST
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- 11 E Lacona Ave - SE 6TH ST to SE 14TH ST
- 12 Porter Ave - Fleur DR to 9th ST



# 2005 EXPANDED STREET RESURFACING PROGRAM - ARTERIAL ACTIVITY I.D. 06-2006-005