

DATE December 3, 2007

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 2007 PCC OVERLAY PROGRAM, STERNQUIST CONSTRUCTION INC.**

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 2007 PCC Overlay Program, 06-2006-024, in accordance with the contract approved between Sternquist Construction Inc., Britt Sternquist, President, 1110 N 14th Street, Indianola, IA 50125, under Roll Call No. 07-691, of April 9, 2007, 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 \$300,392.13 is the total cost, of which \$285,372.52 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 \$15,019.61 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.

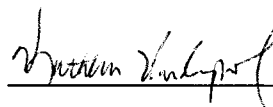
BE IT FURTHER RESOLVED: That the Engineering Department be and is hereby authorized and directed to notify all persons and firms with outstanding Chapter 573 claims against said project, that the project has been given final acceptance as completed by this City Council, that they have 60 days from such 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.

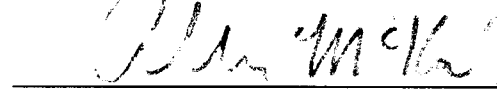
BE IT FURTHER RESOLVED: That the Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

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

FORM APPROVED:

FUNDS AVAILABLE

  
\_\_\_\_\_  
Kathleen Vanderpool  
Deputy City Attorney

  
\_\_\_\_\_  
Allen McKinley  
Des Moines Finance Director



Funding Source: 2007-2008 CIP, Page Street-46, Special City-wide Street Improvements, STR217, Various Funding, Being: \$296,139.13 in Gaming Monies from the Agreement with Polk County and The Racing Association of Central Iowa, and \$4,253.00 in G. O. Bonds from Page Park-13, Neighborhood Park Improvements, PKS137 for construction of a parking lane for Grandview Park

★ Roll Call Number

Agenda Item Number

9B

Date December 3, 2007

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
HENSLEY				
KIERNAN				
MAHAFFEY				
MEYER				
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.

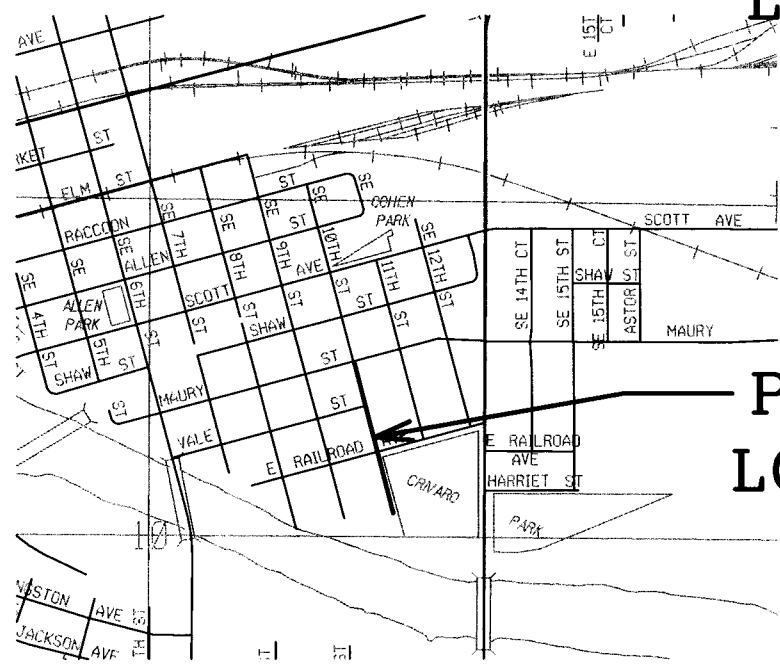
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

\_\_\_\_\_  
Mayor

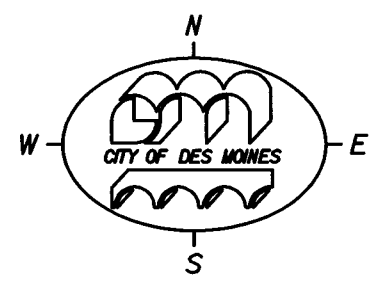
\_\_\_\_\_  
City Clerk



**PROJECT LOCATION**



**PROJECT LOCATION**



**2007 PCC OVERLAY PROGRAM  
ACTIVITY I.D. 06-2006-024**

9 B

# PROJECT SUMMARY

## 2007 PCC Overlay Program

### Activity ID 06-2006-024

On April 9, 2007, under Roll Call No. 07-690, the City Council awarded the contract for the 2007 PCC Overlay Program to Sternquist Construction Inc. The overlay project consists of placing a 2-inch PCC Bonded overlay on an existing PCC pavement on S.E. 10th Street from Maury Street south to the dead end. The project also includes placing a 6-inch PCC Unbonded overlay on an existing HMA pavement on E. 32nd Street from Easton Boulevard north to Guthrie Avenue. The project also includes patching localized pavement areas, removal and replacement of driveways and sidewalks , and other incidental items.

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	6/5/2007 Adjust quantites due to field modifications made during construction. Place the 2-inch bonded overlay thicker in areas and install the product using monolithic fibers in the concrete. After the scarification, the concrete joints had loose material that need to be removed.	Engineering	\$14,802.10
2	10/16/2007 Additional quantities of paving on E. 32nd Street. The additional quantities were due to additional removal and replacement along John Patterson Road and at each driveway. The additional quantity of PCC was also due to the pavement being placed thicker in places which increase to overall quantity.	Engineering	\$22,285.74
3	11/1/2007 Contractor was required to finish grading areas which were to be finished by the City. Becaues of increase in quantity, the Contractor adjusted the unit price. The City provided material for Class A granular subbase so the Contractor adjusted the unit price. Additional intake work was required to save a Kentucky Coffee Tree. Adjust contract quantities to match as-built quantities.	Engineering	\$20,838.69

<b><u>Change Order No.</u></b>	<b><u>Description</u></b>	<b><u>Initiated By</u></b>	<b><u>Amount</u></b>
	<b>Original Contract Amount</b>		\$242,465.60
	<b>Total Change Orders</b>		\$57,926.53
	<b>Percent of Change Orders to Original Contract</b>		23.89%
	<b>Final Contract Amount</b>		\$300,392.13

December 3, 2007

**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the 2007 PCC Overlay Program, Sternquist Construction Inc..

**SYNOPSIS:**

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

**FISCAL IMPACT:**

Amount: \$300,392.13 As-Built Contract Cost

Funding Source: 2007-2008 CIP, Page Street-46, Special City-wide Street Improvements, STR217, Various Funding, Being: \$296,139.13 in Gaming Monies from the Agreement with Polk County and The Racing Association of Central Iowa, and \$4,253.00 in G. O. Bonds from Page Park-13, Neighborhood Park Improvements, PKS137 for construction of a parking lane for Grandview Park

**CERTIFICATION OF COMPLETION:**

On April 9, 2007, under Roll Call No. 07-691, the City Council awarded a contract to Sternquist Construction Inc., Britt Sternquist, President, 1110 N 14th Street, Indianola, IA 50125 for the construction of the following improvement:

2007 PCC Overlay Program, 06-2006-024

The improvement includes placing a 2-inch PCC Bonded overlay on an existing PCC pavement on S.E. 10th Street, placing a 6-inch PCC Unbonded overlay on an existing HMA pavement on E. 32nd Street, patching localized pavement areas, driveway and sidewalk removal and replacement, and other incidental items; in accordance with the contract documents including Plans File Nos. 464-037/056, on S.E. 10th Street from Maury south to the dead end and E. 32nd Street from Easton Boulevard north to Guthrie Avenue, Des Moines, Iowa

I hereby certify that the construction of said 2007 PCC Overlay Program, Activity ID 06-2006-024, 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 4, 2007, and was completed on November 21, 2007.



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 further certify that \$300,392.13 is the total cost of said improvement, of which \$285,372.52 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 \$15,019.61 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, appearing to read "Jeb E. Brewer". The signature is written in a cursive style with a small flourish at the end.

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

**ESTIMATE OF CONSTRUCTION COMPLETED**  
FOR WORK DONE FROM 11/6/07 TO 11/7/07  
**FINAL PAYMENT (PAYMENT NO. 4)**

**PROJECT: 2007 PCC OVERLAY PROGRAM**  
**CONTRACTOR: Sternquist Construction Inc.**

FINAL PAYMENT (PAYMENT NO. 4)

LINE NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	
1	Class 10 Embankment	CY	140.0	0.0	0.0	\$40.00
2	Removal of Existing Concrete Pipe	LF	37.5	37.5	37.5	\$30.00
3	Modify of Intake/Utility Access	EA	12.0	12.0	12.0	\$75.00
4	Pavement Removal	SY	870.0	930.9	930.9	\$900.00
5	Driveway Removal	SY	115.0	115.9	115.9	\$10.00
6	Sidewalk Removal	SY	41.0	16.8	16.8	\$14.00
7	Removal of Intake	EACH	1.0	3.0	3.0	\$575.00
8	Scarification for Bonded Overlay	SY	3410.0	3310.8	3310.8	\$3.00
9	2-Inch PCC Bonded Overlay - Material	CY	190.0	245.0	245.0	\$116.00
10	2-Inch PCC Bonded Overlay - Placement	SY	3410.0	3310.8	3310.8	\$9.00
11	6-Inch PCC UnBonded Overlay - Material	CY	640.0	846.5	846.5	\$110.00
12	6-Inch PCC UnBonded Overlay - Placement	SY	3610.0	3778.1	3778.1	\$9.00
13	Full Depth Patch	SY	46.0	72.8	72.8	\$55.00
14	Top Soil	CY	100.0	40.0	40.0	\$34.50
15	Driveway, 6" PCC	SY	116.0	102.2	102.2	\$48.70
16	Sidewalk, 4" PCC	SY	6.0	0.0	0.0	\$60.75
17	Handicapped Ramps, W/Truncated Domes	SY	35.0	10.8	10.8	\$161.50
18	15" RCP, Class III Storm Sewer	LF	52.0	47.6	47.6	\$106.75
19	15" Concrete Apron	EACH	1.0	1.0	1.0	\$1,260.00
20	HMA (300K ESAL) Base, 1/2"	TON	50.0	61.7	61.7	\$112.00
21	Curb & Gutter Removal & Replacement	LF	35.0	93.5	93.5	\$105.00

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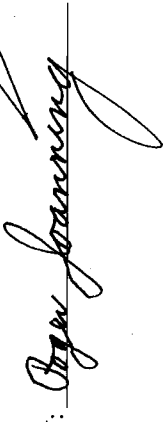


PROJECT: 2007 PCC OVERLAY PROGRAM  
 CONTRACTOR: Sternquist Construction Inc.

FINAL PAYMENT (PAYMENT NO. 4)

LINE NO.	DESCRIPTION	UNIT	UNITS			CONSTRUCTED TO DATE	UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED				
22	Intake, Type M-A	EA	2.0	2.0	2.0	\$2,275.00	\$4,550.00	
23	Intake, Type M-I, Top Only	EA	2.0	0.0	0.0	\$1,700.00	\$0.00	
24	Driveway Surfacing, Class D Granular Surfacing	Ton	8.0	8.0	8.0	\$34.30	\$274.40	
25	Driveway Surfacing, Class A Granular Subbase	Ton	35.0	0.0	0.0	\$32.40	\$0.00	
26	Seeding, Fertilizing, and Mulching	ACRE	0.4	0.6	0.6	\$4,000.00	\$2,400.00	
27	Sodding	SQ	130.0	275.9	275.9	\$40.10	\$11,063.59	
28	Watering, Sod	MGAL	10.0	10.0	10.0	\$68.90	\$689.00	
29	Traffic Control	LS	1.0	1.0	1.0	\$2,000.00	\$2,000.00	
30	Project Sign, Small	EA	2.0	2.0	2.0	\$255.00	\$510.00	
31	Remove Existing Retaining Wall	LF	33.0	33.0	33.0	\$23.00	\$759.00	
32	Remove Existing Bollards	EACH	20.0	20.0	20.0	\$50.00	\$1,000.00	
33	Mobilization	LS	1.0	1.0	1.0	\$4,000.00	\$4,000.00	
1.01	Monolithic Fibers for 2-Inch Bonded PCC	CY	0.0	245.0	245.0	\$6.00	\$1,470.00	
1.02	Additional Surface Preparation	LS	0.0	1.0	1.0	\$2,000.00	\$2,000.00	
3.01	Class 10 Embankment	CY	0.0	584.0	584.0	\$20.00	\$11,680.00	
3.02	Intake, Type M-I	EA	0.0	1.0	1.0	\$5,412.00	\$5,412.00	
3.03	Intake, Type M-D	EA	0.0	1.0	1.0	\$4,442.00	\$4,442.00	
3.04	Driveway Surfacing, Class A Granular Subbase	Ton	0.0	189.9	189.9	\$22.00	\$4,177.80	
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$300,392.13					
	THIS PARTIAL PAYMENT		\$0.00					
	PARTIAL PAYMENT NO. 1		\$73,596.77					
	PARTIAL PAYMENT NO. 2		\$146,960.81					
	PARTIAL PAYMENT NO. 3		\$64,814.94					
	TOTAL PARTIAL PAYMENTS		\$285,372.52					
	TOTAL						\$300,392.13	
	RETAINAGE						\$15,019.61	
	TOTAL LESS RETAINAGE						\$285,372.52	
	LESS PREVIOUS PAYMENT						\$285,372.52	
	AMOUNT DUE						\$0.00	

FINAL PAYMENT (PAYMENT NO. 4)

PREPARED BY:   
 CHECKED BY: 

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