



Roll Call Number

Agenda Item Number

13A

DATE January 27, 2014

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT
FOR S.W. 9TH STREET AND DART WAY INTERSECTION IMPROVEMENTS, GRIMES ASPHALT &
PAVING CORP.**

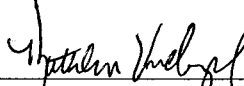
BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the S.W. 9th Street and DART Way Intersection Improvements, 06-2011-004, in accordance with the contract approved between Grimes Asphalt & Paving Corp., Kurt Rasmussen, President, 5550 NE 22nd Street, P.O. Box 3374, Des Moines, IA 50313, under Roll Call No. 11-1247, of July 11, 2011, 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 \$757,643.47 is the total cost, of which \$734,914.17 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 \$22,729.30 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.

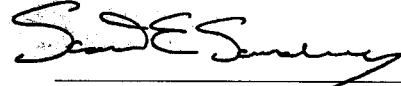
BE IT FURTHER RESOLVED: That the Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.


Moved by _____ to adopt.

FORM APPROVED:


Kathleen Vanderbol
Deputy City Attorney

FUNDS AVAILABLE


Scott E. Sanders
Des Moines Finance Director

 Funding Source: 2013-2014 CIP, Page Street - 38, S.W. 9th Street & DART Way Intersection Improvements, ST239, Being: \$300,000 in Federal Surface Transportation Program (STP) funds (\$300,000 max.), \$8,971.50 Des Moines Waterworks, and the remaining \$448,671.97 in G.O. Bonds, ST239

STP-1945(782)--2C-77

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GRAY				
HENSLEY				
MAHAFFEY				
MOORE				
VOSS				
TOTAL				

MOTION CARRIED

APPROVED

Mayor

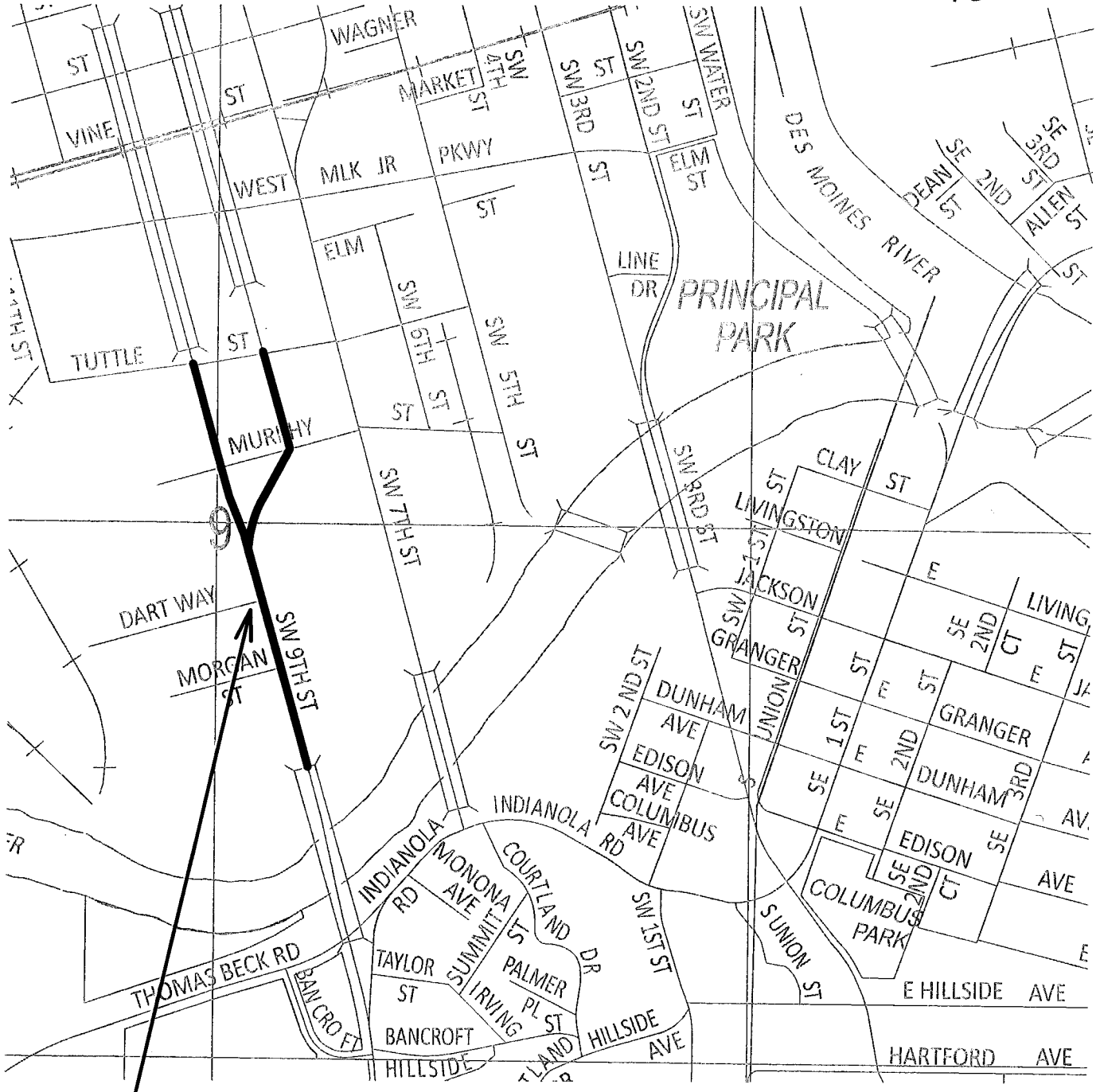
CERTIFICATE

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.

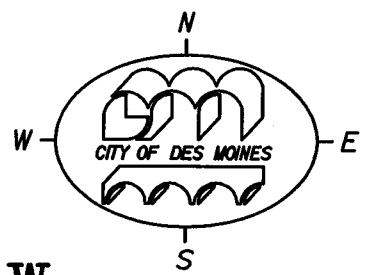
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

City Clerk

13A



**PROJECT
LOCATION**



**SW 9th Street and DART Way
Intersection Improvements
IDOT PROJECT STP-1945(782)--2C-77
ACTIVITY I.D. 06-2011-004**

T:\Eng\Design\06\2011\004 Drawings\Loc_Map.LOC_MAP.DGN 23-MAY-2011 15:51

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PROJECT SUMMARY

S.W. 9th Street and DART Way Intersection Improvements

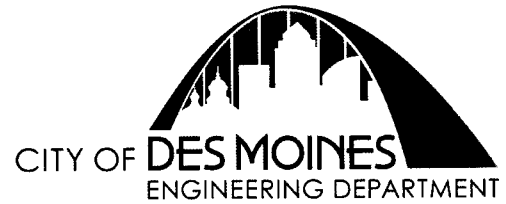
Activity ID 06-2011-004

On July 11, 2011, under Roll Call No. 11-1247, the Council awarded the contract for the above improvements to Grimes Asphalt & Paving Corp., in the amount of \$757,866.08. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	8/2/2011 Change project number from STP-1945(782)—2C-77 to STP-U-1945(782)--70-77	\$0.00
2	City	8/29/2011 Change the HMA testing requirements to Article 2303.03, E "Quality Control for Small HMA Paving Quantities".	\$0.00
3	Engineering	10/26/2011 Add hydro excavation of holes to allow for water main corrosion protection prior to placement of pavement surface.	\$3,675.00
4	Engineering	10/31/2011 Upgrade traffic signal controller and replace a Type III handhole with a Type II handhole.	\$1,061.94
5	City	12/16/2011 Remove pavement for Des Moines Water Works corrosion protection.	\$5,296.50
6	City	12/20/2011 Add additional reinforcing steel to full-depth patches.	\$5,312.60
7	Contractor	12/7/2011 Remove underground concrete slab.	\$1,750.00
8	Engineering	9/17/2012 Add item for increase price in Asphalt Binder due to a conflict delay.	\$8,430.00
9	Engineering	11/15/2012 Change to cast iron detectable warnings. Replace nearby deteriorated curb & gutter and ramps.	\$8,604.92
10	Engineering	7/9/2013 Adjust contract quantities to match as-built quantities.	\$(34,353.57)

January 27, 2014

CERTIFICATION OF COMPLETION



AGENDA HEADING:

Accepting completed construction and approving final payment for the S.W. 9th Street and DART Way Intersection Improvements, Grimes Asphalt & Paving Corp.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$757,643.47 As-Built Contract Cost

Funding Source: 2013-2014 CIP, Page Street - 38, S.W. 9th Street & DART Way Intersection Improvements, ST239, Being: \$300,000 in Federal Surface Transportation Program (STP) funds (\$300,000 max.), \$8,971.50 Des Moines Waterworks, and the remaining \$448,671.97 in G.O. Bonds, ST239

CERTIFICATION OF COMPLETION:

On July 11, 2011, under Roll Call No. 11-1247, the City Council awarded a contract to Grimes Asphalt & Paving Corp., Kurt Rasmussen, President, 5550 NE 22nd Street, P.O. Box 3374, Des Moines, IA 50313 for the construction of the following improvement:

S.W. 9th Street and DART Way Intersection Improvements, 06-2011-004

The improvement includes the widening of DART Way at SW 9th Street, resurfacing SW 8th & SW 9th Street from the railroad viaduct (south of downtown) south to the Raccoon River Bridge with a 3-inch HMA overlay, traffic signal modifications at SW 9th Street & DART Way, pavement markings, and miscellaneous associated work including cleanup; all in accordance with the contract documents, including Plan File Nos. 527-149/172, located on DART Way at SW 9th Street, and SW 8th & SW 9th Street from the railroad viaduct to the Raccoon River Bridge, Des Moines, Iowa

I hereby certify that the construction of said S.W. 9th Street and DART Way Intersection Improvements, Activity ID 06-2011-004, 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 October 3, 2011, and was completed on January 15, 2014.

I further certify that \$757,643.47 is the total cost of said improvement, of which \$734,914.17 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 \$22,729.30 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.

A handwritten signature in black ink that reads "Jeb E. Brewer" followed by a small "P.E." to the right.

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

ESTIMATE OF CONSTRUCTION COMPLETED

FOR WORK DONE FROM 01/04/14 to 01/10/14

FINAL PAYMENT (Partial No. 9)

Proj No: STP-U-1945(782)--70-77

Activity ID: 06-2011-004

Date: 01/10/14

PROJECT: SW 9th STREET & DART WAY INTERSECTION IMPROVEMENTS

CONTRACTOR: GRIMES ASPHALT & PAVING

LINE NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	
0010	Modified Subbase	CY	441.000	97.000	97.000	\$4,850.00
0020	Cleaning and Preparation of Base	MILE	0.510	0.510	0.510	\$3,825.00
0030	Patches, Full-Depth Repair	SY	450.000	481.680	481.680	\$50,576.40
0040	Patches By Count (Repair)	EACH	12.000	60.000	60.000	\$9,000.00
0050	Excavation, Class 13, for Widening	CY	355.000	355.000	355.000	\$9,585.00
0060	Pavement Scarification	SY	728.000	728.000	728.000	\$11,648.00
0070	PCC Pavement Widening, 9 IN.	SY	365.000	365.000	365.000	\$22,995.00
0080	HMA (3M ESAL) Intermediate, 1/2"	TON	1,500.000	1,400.000	1,400.000	\$91,000.00
0090	HMA (3M ESAL) Surf, 1/2", No Fric	TON	1,750.000	1,997.000	1,997.000	\$129,805.00
0100	Asphalt Binder, PG 64-22	TON	195.000	168.600	168.600	\$94,416.00
0110	Hot Mix Asphalt Pavement Sample	LS	1.000	0.000	0.000	\$0.00
0120	Intake, SW-501	EACH	4.000	2.000	2.000	\$10,300.00
0130	Casting Extension Ring	EACH	45.000	47.000	47.000	\$11,750.00
0140	Removal of Pavement	SY	146.000	146.000	146.000	\$5,402.00
0150	Removal of Intake and Utility Access	EACH	4.000	2.000	2.000	\$3,400.00
0160	Removal of Sidewalk	SY	97.000	165.570	165.570	\$3,476.97
0170	Sidewalk, PCC 4"	SY	29.000	76.780	76.780	\$3,224.76
0180	Sidewalk, PCC 6"	SY	94.000	135.820	135.820	\$7,198.46
0190	Detectable Warning - Curb Ramp	SF	142.000	196.000	196.000	\$7,252.00
0200	Safety Closure	EACH	16.000	16.000	16.000	\$1,680.00
0210	Traffic Signalization	LS	1.000	1.000	1.000	\$171,000.00
0215	Removal of Traffic Signalization	LS	1.000	1.000	1.000	\$4,500.00
0220	Painted Pavement Marking, Waterborne/Solvent	STA	94.600	118.320	118.320	\$2,603.04
0230	Permanent Tape Marking, Profiled Pavement Marking Tape	STA	76.210	81.980	81.980	\$25,413.80
0240	Permanent Tape Marking, Intersection Marking Tape	STA	18.390	0.000	0.000	\$0.00
0250	Painted Symbol+Legend, Waterborne/Solvent	EACH	10.000	14.000	14.000	\$1,036.00
0260	Pre-Cut Symbol and Legend, Intersection Marking Tape	EACH	10.000	10.000	10.000	\$2,100.00
0270	Groove Cut - Pav't Mark	STA	94.600	81.980	81.980	\$1,721.58
0280	Groove Cut - Symbol+Legend	EACH	10.000	10.000	10.000	\$1,050.00
0290	Traffic Control	LS	1.000	1.000	1.000	\$10,500.00

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
0300	Flagers	EACH	20.000	0.000	0.000	\$315.00	\$0.00
0310	Mobilization	LS	1.000	1.000	1.000	\$26,500.00	\$26,500.00
0315	Deliver and Stockpile Salvaged Materials	LS	1.000	1.000	1.000	\$1,000.00	\$1,000.00
8001	Hydro Excavation	EACH		21.000	21.000	\$175.00	\$3,675.00
8002	Traffic Signal Changes	LS		1,061.940	1061.940	\$1.00	\$1,061.94
8003	Reinforcement for Patches	LS		5,312.600	5312.600	\$1.00	\$5,312.60
8004	Underground Concrete Slab Removal	LS		1,750.000	1750.000	\$1.00	\$1,750.00
8005	Price Increase for Asphalt Binder	TON		168.600	168.600	\$50.00	\$8,430.00
8006	Cost Increase for cast iron Detectable Warnings	LS		2,112.000	2,112.000	\$1.00	\$2,112.00
8007	Remove and Replace Curb & Gutter	LF		90.810	90.810	\$71.50	\$6,492.92
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$757,643.47				
	PARTIAL PAYMENT #1		\$40,872.89				
	PARTIAL PAYMENT #2		\$142,729.71				
	PARTIAL PAYMENT #3		\$29,062.38				
	PARTIAL PAYMENT #4		\$49,761.00				
	PARTIAL PAYMENT #5		\$397,167.39				
	PARTIAL PAYMENT #6		\$37,087.95				
	PARTIAL PAYMENT #7		\$37,510.44				
	PARTIAL PAYMENT #8		\$722.41				
	THIS PARTIAL PAYMENT		\$0.00				
	TOTAL PARTIAL PAYMENTS		\$734,914.17				
	BALANCE		\$22,729.30				
	TOTAL						\$757,643.47
	RETAINAGE						\$22,729.30
	TOTAL LESS RETAINAGE						\$734,914.17
	LESS PREVIOUS PAYMENT						\$734,914.17
	AMOUNT DUE						\$0.00

FINAL PAYMENT (Partial No. 9)

PREPARED BY: *Northwell Beck*
 CHECKED BY: *Jack L. ...*

Participating	\$706,944.74
Non-Participating	\$27,969.43
Total Payments	\$734,914.17