

★ **Roll Call Number**

**Agenda Item Number**

12D

DATE January 11, 2016

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT  
FOR GUTHRIE AVENUE VIADUCT OVER UPRR EXPANSION JOINT REPLACEMENT, JENSEN  
CONSTRUCTION COMPANY**

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 Guthrie Avenue Viaduct over UPRR Expansion Joint Replacement, 12-2014-004, in accordance with the contract approved between Jensen Construction Company, Kurt E. Rasmussen, Owner, 5550 NE 22nd Street, Des Moines, IA 50313, under Roll Call No. 15-1312, of July 27, 2015, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

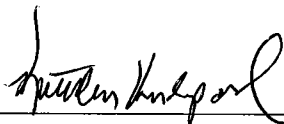
BE IT FURTHER RESOLVED: That \$683,029.09 is the total cost, of which \$656,422.53 has been paid the Contractor, and \$6,115.69 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$20,490.87 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573.

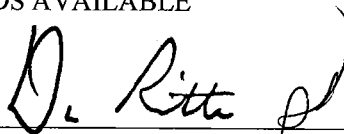
BE IT FURTHER RESOLVED: That the Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.


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

FORM APPROVED:

FUNDS AVAILABLE





 Kathleen Vanderpool  
Deputy City Attorney

Daniel E. Ritter  
Des Moines Finance Director

Funding Source: 2015-2016 CIP, Page Bridge - 5, City-wide Bridges, BR003, G. O. Bonds

COUNCIL ACTION	YEAS	NAYS	Pass	ABSENT
COWNIE				
COLEMAN				
GATTO				
GRAY				
HENSLEY				
MOORE				
WESTERGAARD				
TOTAL				

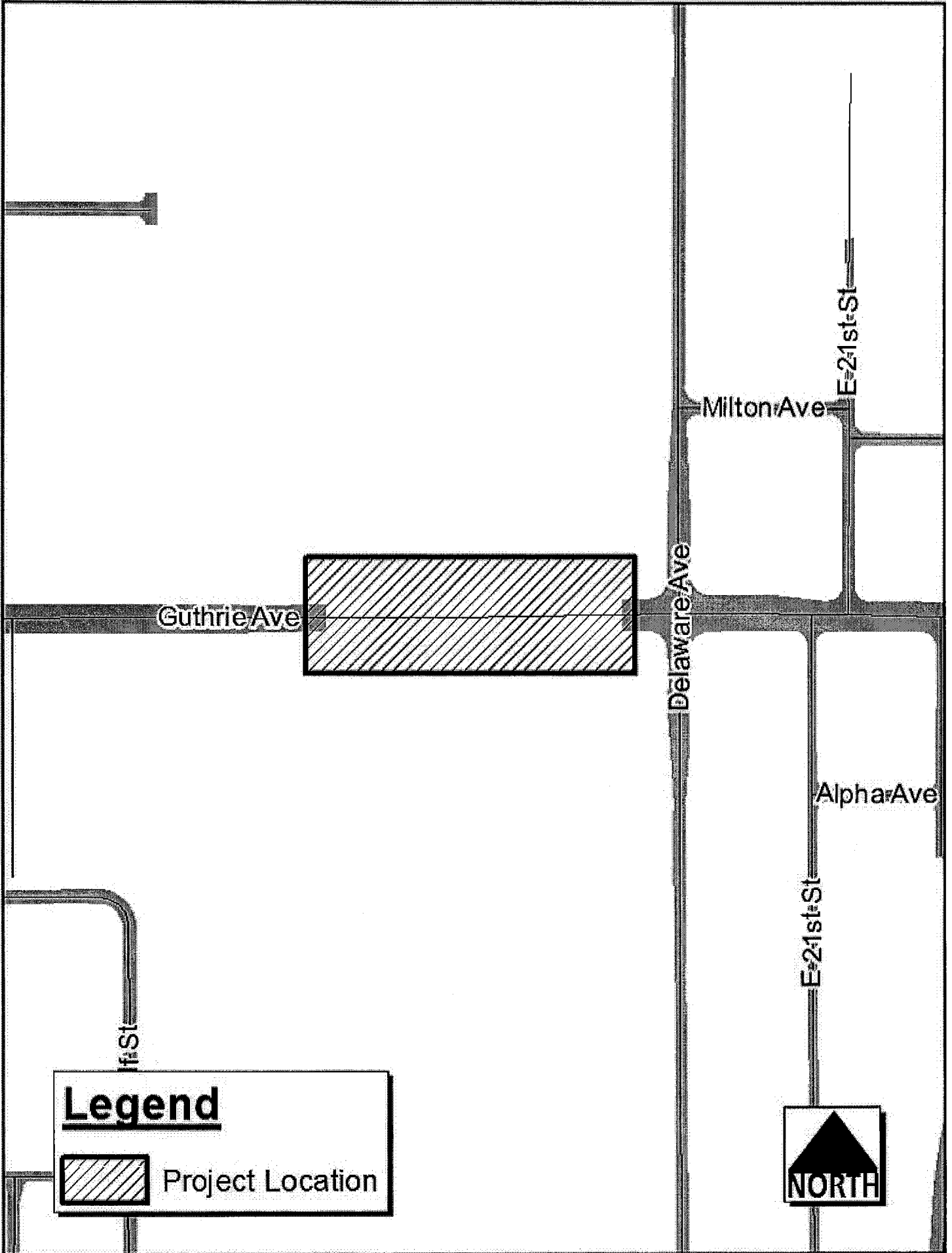
**CERTIFICATE**

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



**Legend**

 Project Location





## PROJECT SUMMARY

### Guthrie Avenue Viaduct over UPRR Expansion Joint Replacement

#### Activity ID 12-2014-004

On July 27, 2015, under Roll Call No. 15-1312, the Council awarded the contract for the above improvements to Jensen Construction Company, in the amount of \$630,199.12. Tabulated below is a history of project change orders.

<b>Change Order No.</b>	<b>Initiated By</b>	<b>Description</b>	<b>Amount</b>
1	City	10/21/2015 Addition of asphalt approach pavement mill and overlay.	\$23,177.00
2	Engineering	11/10/2015 Additional stiffener repair plates were necessary to repair the girders at the bridge joints.	\$23,750.00
3	Contractor	Adjustment of quantities to the as-built quantities and addition of project delay start costs and partial depth concrete repair work.	\$5,902.97
<b>Original Contract Amount</b>			\$630,199.12
<b>Total Change Orders</b>			\$52,829.97
<b>Percent of Change Orders to Original Contract</b>			8.38%
<b>Total Contract Amount</b>			\$683,029.09

12D

January 11, 2016



**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the Guthrie Avenue Viaduct over UPRR Expansion Joint Replacement, Jensen Construction Company.

**SYNOPSIS:**

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

**FISCAL IMPACT:**

Amount: \$683,029.09 As-Built Contract Cost

Funding Source: 2015-2016 CIP, Page Bridge - 5, City-wide Bridges, BR003, G. O. Bonds

**CERTIFICATION OF COMPLETION:**

On July 27, 2015, under Roll Call No. 15-1312, the City Council awarded a contract to Jensen Construction Company, Kurt E. Rasmussen, Owner, 5550 NE 22nd Street, Des Moines, IA 50313 for the construction of the following improvement:

Guthrie Avenue Viaduct over UPRR Expansion Joint Replacement, 12-2014-004

The improvements includes the rehabilitation of the expansion joints and structural steel bearings which includes concrete repairs, epoxy reinforcing steel, steel extrusion joint with neoprene, neoprene gland installation, abrasive blast cleaning of structural steel, containment, paint waste transport and disposal, structural steel painting, traffic control, mobilization; all in accordance with the contract documents, including Plan File Nos. 566-121/147, on Guthrie Avenue Viaduct over the Union Pacific Railroad (UPRR), Des Moines, Iowa

I hereby certify that the construction of said Guthrie Avenue Viaduct over UPRR Expansion Joint Replacement, Activity ID 12-2014-004, 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 August 24, 2015, and was completed on December 28, 2015.

I further certify that \$683,029.09 is the total cost of said improvement, of which \$656,422.53 has been paid the Contractor and \$6,115.69 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$20,490.87 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.

*Pamela S Cooksey es*

Pamela S. Cooksey, P.E.  
Des Moines City Engineer

ENGINEERING DEPARTMENT  
CITY OF DES MOINES, IOWA



**ESTIMATE OF CONSTRUCTION COMPLETED**  
FOR WORK DONE FROM 11/13/2015 to 12/17/2015  
**PARTIAL PAYMENT NO. 4 (FINAL)**

CITY OF DES MOINES

PROJECT: BRIDGE REPAIR ON GUTHRIE AVENUE OVER UNION PACIFIC RAILROAD

CONTRACTOR: JENSEN CONSTRUCTION COMPANY

12-2014-004

Date: 12/18/2015

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	REMOVALS, AS PER PLAN	LS	1.000	1.000	1.000	\$122,000.00	\$122,000.00
2	STRUCTURAL CONCRETE (BRIDGE)	CY	54.000	54.000	54.000	\$1,750.00	\$94,500.00
3	REINFORCING STEEL, EPOXY COATED	LB	9,610.000	9,610.000	9,610.000	\$1.25	\$12,012.50
4	STEEL EXTRUSION JOINT WITH NEOPRENE	LF	275.000	275.000	275.000	\$240.00	\$66,000.00
5	NEOPRENE GLAND INSTALLATION AND TESTING	LF	275.000	275.000	275.000	\$21.82	\$6,000.50
6	BRIDGE CLEANING FOR PAINTING	LS	1.000	1.000	1.000	\$3,000.00	\$3,000.00
7	BLAST CLEANING OF STRUCTURAL STEEL	LS	1.000	1.000	1.000	\$60,000.00	\$60,000.00
8	CONTAINMENT	LS	1.000	1.000	1.000	\$85,000.00	\$85,000.00
9	PAINT WASTE TRANSPORT AND DISPOSAL	LS	1.000	1.000	1.000	\$8,000.00	\$8,000.00
10	PAINTING OF STRUCTURAL STEEL	LS	1.000	1.000	1.000	\$38,000.00	\$38,000.00
11	SAFETY CLOSURE	EACH	6.000	2.000	2.000	\$100.00	\$200.00
12	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	32.730	35.100	35.100	\$42.35	\$1,486.49
13	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	EACH	2.000	2.000	2.000	\$100.00	\$200.00
14	TRAFFIC CONTROL	LS	1.000	1.000	1.000	\$11,000.00	\$11,000.00
15	MOBILIZATION	LS	1.000	1.000	1.000	\$60,000.00	\$60,000.00
16	STIFFENER REPAIR PLATE	EACH	10.000	30.000	30.000	\$1,250.00	\$37,500.00
17	UPRR INSURANCE PROVISIONS	LS	1.000	1.000	1.000	\$5,000.00	\$5,000.00
18	RAILROAD FLAGGER	LS	1.000	1.000	1.000	\$45,000.00	\$45,000.00
1.01	HMA APPROACH, 2" MILL AND OVERLAY	SY	0.000	301.800	301.800	\$77.00	\$23,238.60
3.01	DELAY START COST	LS	0.000	1.000	1.000	\$2,471.00	\$2,471.00
3.02	PARTIAL DEPTH REPAIR	LS	0.000	1.000	1.000	\$2,420.00	\$2,420.00
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$683,029.09				
PARTIAL PAYMENT NO. 1			\$262,851.81				
PARTIAL PAYMENT NO. 2			\$254,749.89				
PARTIAL PAYMENT NO. 3			\$138,820.83				
THIS PARTIAL PAYMENT NO. 4			\$6,115.69				
TOTAL PARTIAL PAYMENTS			\$662,538.22				
BALANCE			\$20,490.87				

PREPARED BY: *S.A. Sh*

CHECKED BY: *Matthew Beckler*

TOTAL	\$683,029.09
RETAINAGE	\$20,490.87
TOTAL LESS RETAINAGE	\$662,538.22
LESS PREVIOUS PAYMENT	\$656,422.53
AMOUNT DUE	\$6,115.69

PARTIAL PAYMENT NO. 4 (FINAL)

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