



Roll Call Number

Agenda Item Number

12 A

DATE March 20, 2006

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT
FOR BNSF RAILROAD BRIDGE REMOVAL, JENSEN CONSTRUCTION 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 BNSF Railroad Bridge Removal, 12-2004-002, in accordance with the contract approved between Jensen Construction Co., Kurt E. Rasmussen, Owner, 5550 NE 22nd Street, Des Moines, IA 50313, under Roll Call No. 03-2928, of December 22, 2003, 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 \$188,970.00 is the total cost, of which \$183,300.90 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 \$5,669.10 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 Assistant City Manager/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

Merrill R. Stanley
Assistant City Manager/Finance

Funding Source: 2005-2006 CIP, Page STR-29, Martin Luther King Jr. Parkway - East/West Segment, STR039, Various Funding, Being:

- \$127,528.00 in Federal Surface Transportation Program (STP) Funds (80% of construction only with maximum \$127,528.00 from Q23-DM STP Funds)
- \$31,882.00 in Iowa Department of Transportation Revitalize Iowa's Sound Economy (RISE) Funds (20% of construction only with maximum \$31,882.00 from 1945(9D) RISE Funds)
- \$29,560.00 in Iowa Department of Transportation Revitalize Iowa's Sound Economy (RISE) Funds (100% of remaining construction only from 1945(9D1) RISE Funds)



Roll Call Number

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_____ *12A*

DATE March 20, 2006

NHSX-U-2787(312)--8S-77

DEB

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BROOKS				
COLEMAN				
HENSLEY				
KIERNAN				
MAHAFFEY				
VLASSIS				
TOTAL				

MOTION CARRIED

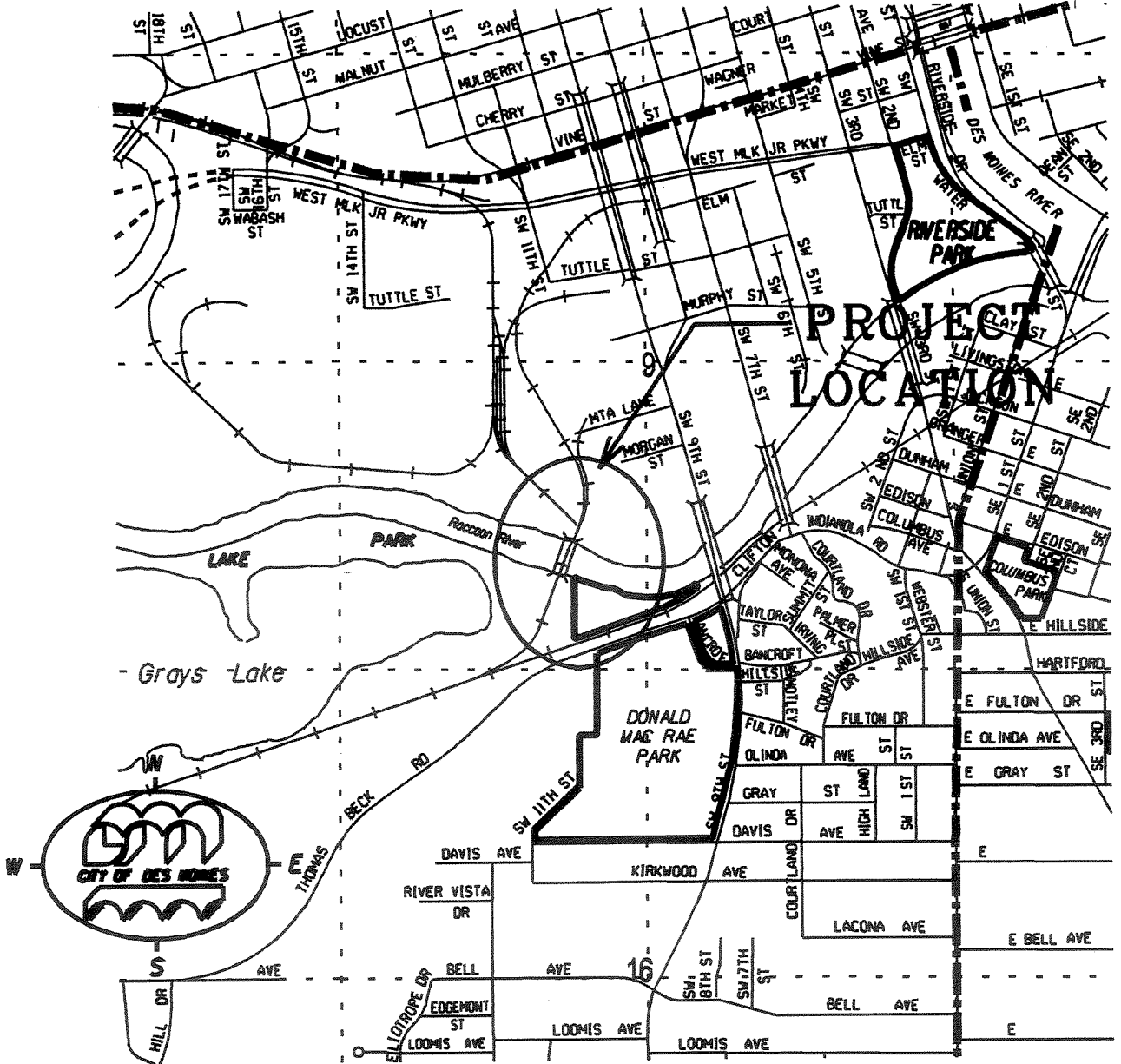
APPROVED

Mayor

I, Diane Rauh, City Clerk of said City Council, hereby certify that at a meeting of the City Council, 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



BURLINGTON NORTHERN SANTA FE RAILROAD
BRIDGE REMOVAL

CITY ACTIVITY ID 12-2004-002

IDOT PROJECT NO. NHSX-U-2787(312)--8S-77

12A

PROJECT SUMMARY

BNSF Railroad Bridge Removal

Activity ID 12-2004-002

Burlington Northern Santa Fe Railroad Bridge Removal, Activity ID 12-2004-002, Project No. NHSX-U-2787(312)--8S-77

On December 22, 2003, under Roll Call No. 03-2928, the City Council awarded the contract for the above improvement to Jensen Construction Co. in the amount of \$159,410.00, to complete the removal of two existing 40.2-meter, Baltimore style, riveted steel through truss spans, two 28.3 meter through plate steel girder approach sections and a 64.0 meter wooden trestle approach structure. Included in the bridge removals are the removal of four concrete piers, the north abutment, the south concrete support panels, and the trestle supports to a depth of one meter below grade; except the pier in the river channel which shall be removed to an elevation of 0.0. In addition to the bridge removal, the debris on the upstream side of the river pier shall be removed and the river channel shall be excavated. The levee closure structure shall be filled with structural concrete and backfilled with suitable Class 10 materials. The track embankment at the south approach to the bridge shall be removed. All in accordance with the contract documents including Plan File Nos. 429-287/316; located west of the SW 9th Street Bridge over the Raccoon River.

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	2/4/2005 This change order includes the mobilization and removal of all of the trees and debris which the May 2004 flood waters deposited against the center bridge pier.	Consultant	\$9,500.00
2	This change order includes the grinding of all of the trees and debris which the May 2004 flood waters deposited against the center bridge pier.	Consultant	\$9,800.00
3	5/23/2005 This change order includes all the cost associated with the removal of 45 truck loads of wood chips and the additional hours of tree removal and tree grinding necessary to complete the clean-up after the May 2004 flood waters deposited trees and debris against the center bridge pier of the BNSF Railroad Bridge.	Consultant	\$9,200.00

<u>Change Order No.</u>	<u>Description</u>	<u>Initiated By</u>	<u>Amount</u>
4	2/13/2006 Delete some of the "Stabilization Crop Seeding and Fertilizing" and add additional "Silt Fence" to this project. This change order is adjusting plan quantities to match asbuilt measurements.	Consultant	\$1,060.00
Original Contract Amount			\$159,410.00
Total Change Orders			\$29,560.00
Percent of Change Orders to Original Contract			18.54%
Final Contract Amount			\$188,970.00

March 20, 2006

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the BNSF Railroad Bridge Removal, Jensen Construction 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: \$188,970.00 As-Built Contract Cost

Funding Source: 2005-2006 CIP, Page STR-29, Martin Luther King Jr. Parkway - East/West Segment, STR039, Various Funding, Being:

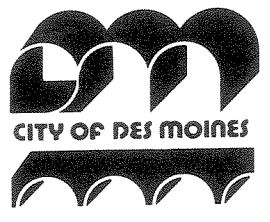
- \$127,528.00 in Federal Surface Transportation Program (STP) Funds (80% of construction only with maximum \$127,528.00 from Q23-DM STP Funds)
- \$31,882.00 in Iowa Department of Transportation Revitalize Iowa's Sound Economy (RISE) Funds (20% of construction only with maximum \$31,882.00 from 1945(9D) RISE Funds)
- \$29,560.00 in Iowa Department of Transportation Revitalize Iowa's Sound Economy (RISE) Funds (100% of remaining construction only from 1945(9D1) RISE Funds)

CERTIFICATION OF COMPLETION:

On December 22, 2003, under Roll Call No. 03-2928, the City Council awarded a contract to Jensen Construction Co., Kurt E. Rasmussen, Owner, 5550 NE 22nd Street, Des Moines, IA 50313 for the construction of the following improvement:

BNSF Railroad Bridge Removal, 12-2004-002

The removal of two existing 40.2 meter, Baltimore style, riveted steel through truss spans, two 18.3 meter through plate steel girder approach sections and 64.0 meter wooden trestle approach structure. Included in the bridge removals are the removal of four concrete piers, the north abutment, the south concrete support panels, and the trestle supports to a depth of one meter below grade; except the pier in the river channel which shall be removed to an elevation of 0.0. In addition to the bridge removal, the debris on the upstream side of the river pier shall be removed and the river channel shall be excavated. The levee closure structure shall be filled with structural concrete and backfilled with suitable Class 10 materials. The track embankment at the south approach to the bridge shall be removed. All in accordance with the contract documents including Plan File Nos. 429 - 287/316; located west of the SW 9th Street Bridge over the Raccoon River.



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 BNSF Railroad Bridge Removal, Activity ID 12-2004-002, 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 February 12, 2004, and was completed on March 15, 2006.

I further certify that \$188,970.00 is the total cost of said improvement, of which \$183,300.90 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 \$5,669.10 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, P.E." with a small mark at the end of the line.

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

12A

PAY ESTIMATE NO. 7 (Final)
 MARTIN LUTHER KING JR. PARKWAY
 BNSF RAILROAD BRIDGE REMOVAL
 PROJECT NO. NHSX-U-2787(312)--8S-77
 CITY OF DES MOINES, IOWA
 CITY OF DES MOINES ACTIVITY ID 12-2004-002
 EARTH TECH ID NO. 74933.50
 PERIOD ENDING: September 27, 2005

Funding Limit: Q23-DM STP Funds - Federal 80% - \$127,528.00 maximum
 1945(9D) RISE Funds - State RISE 20% - \$31,882.00 maximum
 1945(9D.1) RISE Funds - State RISE 100% -

ITEM NO.	ITEM CODE	ITEM	UNIT	UNIT PRICE	CONTRACT QUANTITY	CONTRACT AMOUNT	AUTHORIZED QUANTITY	AUTHORIZED AMOUNT	QUANTITY TO DATE	AMOUNT TO DATE
1	2101--100200	CLEARING AND GRUBBING	HA	\$ 20,000.00	0.5	\$ 10,000.00	0.5	\$ 10,000.00	0.5	\$ 10,000.00
2	2102--100100	CLASS 10 EXCAVATION, ROADWAY AND BORROW	M3	\$ 15.00	1150.0	\$ 17,250.00	1150.0	\$ 17,250.00	1150.0	\$ 17,250.00
3	2102--130100	CLASS 13 EXCAVATION, ROADWAY AND BORROW	M3	\$ 7.00	1050.0	\$ 7,350.00	1050.0	\$ 7,350.00	1050.0	\$ 7,350.00
4	2104--100000	CHANNEL EXCAVATION, CLASS 10	M3	\$ 3.00	2200.0	\$ 6,600.00	2200.0	\$ 6,600.00	2200.0	\$ 6,600.00
5	2401--204000	REMOVAL OF EXISTING BRIDGE	LS	\$ 80,000.00	1.0	\$ 80,000.00	1.0	\$ 80,000.00	1.0	\$ 80,000.00
6	2401--206000	REMOVALS, AS PER PLAN	LS	\$ 3,000.00	1.0	\$ 3,000.00	1.0	\$ 3,000.00	1.0	\$ 3,000.00
7	2403--100000	STRUCTURAL CONCRETE (MISCELLANEOUS)	M3	\$ 3,000.00	3.5	\$ 10,500.00	3.5	\$ 10,500.00	3.5	\$ 10,500.00
8	2404--100100	REINFORCING STEEL	KG	\$ 3.00	670.0	\$ 2,010.00	670.0	\$ 2,010.00	670.0	\$ 2,010.00
9	2533--100000	MOBILIZATION	LS	\$ 20,000.00	1.0	\$ 20,000.00	1.0	\$ 20,000.00	1.0	\$ 20,000.00
10	2601--103000	STABILIZING CROP SEEDING AND FERTILIZING (CO #4)	HA	\$ 1,000.00	0.7	\$ 700.00	0.6	\$ 600.00	0.6	\$ 600.00
11	2602--000020	SILT FENCE (CO #4)	M	\$ 10.00	200.0	\$ 2,000.00	316.0	\$ 3,160.00	316.0	\$ 3,160.00
8001	2599--999916	TREE REMOVAL MOBILIZATION (CO #1)	LS	\$ 500.00			1.0	\$ 500.00	1.0	\$ 500.00
8002	2599--999912	TREE REMOVAL FROM RIVER (CO #1 & #3)	HOURL	\$ 100.00			122.0	\$ 12,200.00	122.0	\$ 12,200.00
8003	2599--999912	TREE GRINDING (CO #2 & #3)	HOURL	\$ 350.00			31.0	\$ 10,850.00	31.0	\$ 10,850.00
8004	2599--999916	WOOD CHIP REMOVAL (CO #3)	LS	\$ 4,950.00	1.0	\$ 4,950.00	1.0	\$ 4,950.00	1.0	\$ 4,950.00
CONSTRUCTION TOTAL FOR (312)						\$ 159,410.00		\$ 188,970.00		\$ 188,970.00

Paul & Mary
 EARTH TECH PROJECT INSPECTOR DATE 3-14-06
St J Cat
 EARTH TECH PROJECT ENGINEER DATE 3/14/06
Erasmus J. Johnson
 EARTH TECH PROJECT ENGINEER DATE 3/15/06

L:\work\project\30511\eng\BNSF Bridge Removal\BNSF Pay Estimate No. 7 (Final).xls

TOTAL EARNED TO DATE \$188,970.00
 STORED MATERIALS \$0.00
 LESS 3% RETAINAGE \$5,669.10
 SUBTOTAL \$183,300.90
 LESS PREVIOUS PAYMENT \$183,300.90
DUE THIS ESTIMATE \$0.00

REIMBURSEMENT SUMMARY

FEDERAL SHARE (80%) OF SUBTOTAL \$127,528.00
 LESS PREVIOUS REIMBURSEMENTS \$127,528.00
FEDERAL STP - Q23 REIMBURSEMENT REQUESTED \$0.00

RISE Share 1945(9D) \$31,882.00
 Previous RISE 1945(9D) Reimbursement \$31,882.00
RISE 1945(9D) Reimbursement Requested \$0.00

RISE Share 1945(9D.1) \$23,890.90
 Previous RISE 1945(9D.1) Reimbursement \$0.00
RISE 1945(9D.1) Reimbursement Requested \$23,890.90

Total Rise Requested \$23,890.90