



Roll Call Number

Agenda Item Number

14

DATE June 13, 2016

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR E. PAYTON AVENUE BRIDGE OVER STREAM, 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 E. Payton Avenue Bridge over Stream, 12-2011-003, 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. 15-0251, of February 9, 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 \$769,136.19 is the total cost, of which \$742,470.58 has been paid the Contractor, and \$3,591.52 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$23,074.09 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 City Manager be and is hereby authorized and directed to certify the Pollution Prevention Plan Inspection Summary and the NPDES Stormwater General Permit Notice of Discontinuation for the above referenced project on behalf of the City of Des Moines and submit said documents to the Iowa Department of Natural Resources.

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 Vanderpool
Deputy City Attorney

FUNDS AVAILABLE

Daniel E. Ritter
Des Moines Finance Director

Funding Source: 2016-2017, Page Bridge - 8, East Payton Avenue over Stream, BR044, Being: \$760,643.32 in Federal Highway Bridge Program funds (\$1,000,000 maximum) being 80% of eligible construction costs under BROS-1945(811)--8J-77, with the remaining \$8,492.87 from BR044, Gaming Monies

Table with 5 columns: COUNCIL ACTION, YEAS, NAYS, Pass, ABSENT. Rows include COWNIE, COLEMAN, GATTO, GRAY, HENSLEY, MOORE, WESTERGAARD, 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 SUMMARY

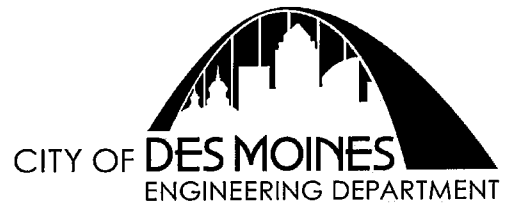
E. Payton Avenue Bridge over Stream

Activity ID 12-2011-003

On February 9, 2015, under Roll Call No. 15-0251, the Council awarded the contract for the above improvements to Jensen Construction Company, in the amount of \$743,544.08. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	6/9/2015 Remove existing fire hydrant, adjust existing concrete access structures, add extra depth pavement removal, add additional revetment for erosion control.	\$21,248.90
2	Engineering	8/12/2015 Add additional longitudinal subdrain, add corrugated metal pipe, remove unusable material, and stabilize roadway embankment. Six additional working days have been added to the contract.	\$11,524.30
3	Engineering	10/16/2015 Additional sidewalk curb ramp construction and associated curb and gutter replacement. Additional erosion control and installation of turf reinforcement mat (TRM). Additional sod watering mobilizations.	\$12,462.72
4	Engineering	1/27/2016 Adjust project quantities to final as-built quantities.	\$(19,643.81)
<b>Original Contract Amount</b>			\$743,544.08
<b>Total Change Orders</b>			\$25,592.11
<b>Percent of Change Orders to Original Contract</b>			3.44%
<b>Total Contract Amount</b>			\$769,136.19

June 13, 2016



**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the E. Payton Avenue Bridge over Stream, 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: \$769,136.19 As-Built Contract Cost

Funding Source: 2016-2017, Page Bridge - 8, East Payton Avenue over Stream, BR044, Being: \$760,643.32 in Federal Highway Bridge Program funds (\$1,000,000 maximum) being 80% of eligible construction costs under BROS-1945(811)--8J-77, with the remaining \$8,492.87 from BR044, Gaming Monies

**CERTIFICATION OF COMPLETION:**

On February 9, 2015, under Roll Call No. 15-0251, 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:

E. Payton Avenue Bridge over Stream, 12-2011-003

The improvement includes removal of the existing bridge and substructure, construction of a new reinforced concrete box culvert, pavement removal, roadway excavation and grading, storm sewer and intake construction, engineering fabric and rock revetment, roadway paving, sidewalk and recreational trail construction, topsoil furnish and spread, slope stabilization, erosion control, seeding and sodding, traffic control, pavement markings, and mobilization; all work in accordance with the contract documents including Plan File Nos. 566-01/62, on E. Payton Avenue over a stream located just east of S.E. 3 1st Street in Des Moines, Iowa

I hereby certify that the construction of said E. Payton Avenue Bridge over Stream, Activity ID 12-2011-003, 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 March 18, 2015, and was completed on May 18, 2016.

I further certify that \$769,136.19 is the total cost of said improvement, of which \$742,470.58 has been paid the Contractor and \$3,591.52 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$23,074.09 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 12/19/15 to 1/27/16  
**PARTIAL PAYMENT NO. 12 (FINAL)**

Proj No: BROS-1945(811)--8J-77  
Activity ID: 12-2011-003  
Date: 2/19/16

PROJECT: E. PAYTON AVENUE OVER STREAM  
CONTRACTOR: JENSEN CONSTRUCTION CO.

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	CLEARING AND GRUBBING	ACRE	1.000	1.000	1.000	\$ 16,000.00	\$16,000.00
2	EMBANKMENT IN PLACE	CY	3,386.000	3,386.000	3,386.000	\$ 19.00	\$64,334.00
3	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	212.000	212.000	212.000	\$ 25.00	\$5,300.00
4	EXCAVATION, CLASS 12, BOULDER/ROCK FRAGMENTS	CY	15.000	15.000	15.000	\$ 52.00	\$780.00
5	TOPSOIL, FURNISH AND SPREAD	CY	96.000	96.000	96.000	\$ 18.00	\$1,728.00
6	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	664.000	278.600	278.600	\$ 10.00	\$2,786.00
7	SPECIAL COMPACTION OF SUBGRADE	STA	6.250	6.250	6.250	\$ 890.00	\$5,562.50
8	MODIFIED SUBBASE	CY	356.000	376.420	376.420	\$ 60.00	\$22,585.20
9	SHOULDER FINISHING, EARTH	STA	9.190	9.190	9.190	\$ 340.00	\$3,124.60
10	STANDARD/SLIP-FORM PCC PAVEMENT, CLASS C, CLASS 3 DURABILIT	SY	1,745.000	1,775.490	1,775.490	\$ 58.00	\$102,978.42
11	APRONS, METAL, 18 IN. DIA.	EA	2.000	6.000	6.000	\$ 270.00	\$1,620.00
12	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 18 IN. DIA.	LF	50.000	100.000	100.000	\$ 41.00	\$4,100.00
13	TEMPORARY STREAM DIVERSION	EA	1.000	1.000	1.000	\$ 25,000.00	\$25,000.00
14	INTAKE, SW-501	EA	1.000	1.000	1.000	\$ 5,000.00	\$5,000.00
15	INTAKE, SW-505	EA	1.000	1.000	1.000	\$ 7,500.00	\$7,500.00
16	INTAKE, SW-507	EA	1.000	1.000	1.000	\$ 5,500.00	\$5,500.00
17	INTAKE, SW-509	EA	1.000	1.000	1.000	\$ 8,000.00	\$8,000.00
18	MANHOLE ADJUSTMENT, MAJOR	EA	1.000	1.000	1.000	\$ 4,000.00	\$4,000.00
19	SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN.	LF	718.000	885.000	885.000	\$ 10.00	\$8,850.00
20	SUBDRAIN OUTLET, RF-19C	EA	8.000	8.000	8.000	\$ 250.00	\$2,000.00
21	SUBDRAIN RISER, 6 IN.	EA	4.000	5.000	5.000	\$ 400.00	\$2,000.00
22	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D, 15 IN.	LF	290.000	302.400	302.400	\$ 62.00	\$18,748.80
23	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D, 18 IN.	LF	137.000	141.700	141.700	\$ 73.50	\$10,414.95
24	ENGINEERING FABRIC	SY	310.000	570.600	570.600	\$ 3.00	\$1,711.80
25	REVTMENT, CLASS E	T'ON	302.000	349.620	349.620	\$ 45.00	\$15,732.90
26	REVTMENT, REMOVE AND REPLACE	CY	250.000	10.000	10.000	\$ 15.00	\$150.00
27	REMOVAL OF PAVEMENT	SY	1,104.000	843.990	843.990	\$ 7.00	\$5,907.93
28	RECREATIONAL TRAIL, HMA, 6 IN.	SY	153.000	152.170	152.170	\$ 57.00	\$8,673.69
29	SIDEWALK, P.C. CONCRETE, 5 IN.	SY	168.300	162.810	162.810	\$ 48.00	\$7,814.88

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
30	SIDEWALK, P.C. CONCRETE, 6 IN.	SY	25.800	65.010	65.010	\$ 56.00	\$3,640.56
31	DETECTABLE WARNINGS	SF	60.000	68.000	68.000	\$ 60.00	\$4,080.00
32	SAFETY CLOSURE	EA	3.000	2.000	2.000	\$ 100.00	\$200.00
33	FENCE, CHAIN LINK, VINYL COATED, 48 IN. HEIGHT	LF	105.000	115.000	115.000	\$ 20.00	\$2,300.00
34	FENCE, SAFETY	LF	330.000	150.000	150.000	\$ 4.50	\$675.00
35	REMOVE AND REINSTALL FENCE, CHAIN LINK	LF	80.000	80.600	80.600	\$ 22.00	\$1,773.20
36	REMOVAL OF FENCE, CHAIN LINK	LF	105.000	114.500	114.500	\$ 5.00	\$572.50
37	REMOVAL OF TYPE A SIGN	EACH	17.000	15.000	15.000	\$ 75.00	\$1,125.00
38	PERFORATED SQUARE STEEL TUBE POST	LF	96.000	82.800	82.800	\$ 8.00	\$662.40
39	PSSTP ANCHOR, BRK-AWAY SOIL INSTALLATION	EA	9.000	9.000	9.000	\$ 75.00	\$675.00
40	TYPE A SIGNS, SHEET ALUMINUM	SF	61.000	58.500	58.500	\$ 18.00	\$1,053.00
41	PAINTED PAVEMENT MARKINGS, WATERBORNE OR SOLVENT-BASED	STA	17.090	11.300	11.300	\$ 112.00	\$1,265.60
42	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	EA	4.000	0.000	0.000	\$ 75.00	\$0.00
43	TRAFFIC CONTROL	LS	1.000	1.000	1.000	\$ 12,000.00	\$12,000.00
44	MOBILIZATION	LS	1.000	1.000	1.000	\$ 73,000.00	\$73,000.00
45	VALVE BOX EXTENSION	EA	2.000	2.000	2.000	\$ 450.00	\$900.00
46	FIRE-HYDRANT ADJUSTMENT	EA	1.000	0.000	0.000	\$ 5,000.00	\$0.00
47	MULCH, WOOD CELLULOSE FIBER	ACRE	3.600	1.600	1.600	\$ 1,535.00	\$2,456.00
48	NATIVE GRASS SEEDING	ACRE	1.500	1.160	1.160	\$ 892.00	\$1,034.72
49	SEEDING AND FERTILIZING (URBAN)	ACRE	0.300	0.000	0.000	\$ 1,785.00	\$0.00
50	SOD	SQ	50.000	60.000	60.000	\$ 125.00	\$7,500.00
51	STABILIZE CROP - SEEDING AND FERTILIZING (URBAN)	ACRE	1.800	1.330	1.330	\$ 904.00	\$1,202.32
52	WATER-SOD/SPEC DITCH CONTROL/SLOPE PROTECTION	MGAL	50.000	29.200	29.200	\$ 60.00	\$1,752.00
53	SILT FENCE	LF	1,910.000	653.000	653.000	\$ 1.45	\$946.85
54	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF	1,910.000	622.000	622.000	\$ 0.10	\$62.20
55	MAINT OF SILT FENCE/SILT FENCE-DITCH CHECK	LF	190.000	67.000	67.000	\$ 0.15	\$10.05
56	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN.	LF	1,750.000	1,507.000	1,507.000	\$ 3.10	\$4,671.70
57	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN.	LF	1,750.000	970.000	970.000	\$ 0.20	\$194.00
58	MOBILIZATIONS, EROSION CONTROL	EA	5.000	6.000	6.000	\$ 500.00	\$3,000.00
59	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EA	1.000	0.000	0.000	\$ 1,000.00	\$0.00
60	SPECIAL BACKFILL	CY	208.000	208.000	208.000	\$ 55.00	\$11,440.00
61	REMOVAL OF EXISTING BRIDGE	LS	1.000	1.000	1.000	\$ 27,000.00	\$27,000.00
62	FLOODED BACKFILL	CY	620.000	671.900	671.900	\$ 50.00	\$33,595.00
63	EXCAVATION, CLASS 20	CY	645.000	645.000	645.000	\$ 30.00	\$19,350.00
64	STRUCTURAL CONCRETE (RCB)	CY	177.400	177.400	177.400	\$ 600.00	\$106,440.00
65	REINFORCING STEEL	LB	33,475.000	33,475.000	33,475.000	\$ 1.00	\$33,475.00
66	ENGINEERING FABRIC	SY	370.000	370.000	370.000	\$ 3.00	\$1,110.00
67	FENCE, CHAIN LINK, VINYL COATED	LF	130.500	130.500	130.500	\$ 75.00	\$9,787.50

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
CO NO. 1							
8001	WATERMAIN	LS	5,995.000	5,995.000	5995.000	\$1.00	\$5,995.00
8002	CONCRETE STRUCTURES ADJUSTMENT	LS	2,803.900	2,803.900	2803.900	\$1.00	\$2,803.90
8003	EXTRA-DEPTH PAVEMENT REMOVAL	LS	4,400.000	4,400.000	4400.000	\$1.00	\$4,400.00
CO NO. 2							
8004	TYPE III BARRICADE	LS	0.000	1.000	1.000	\$220.00	\$220.00
8005	REMOVAL OF MATERIAL	CY	0.000	93.500	93.500	\$19.00	\$1,776.50
8006	RF-19E	EACH	0.000	1.000	1.000	\$275.00	\$275.00
8007	POROUS BACKFILL	TON	0.000	44.000	44.000	\$38.50	\$1,694.00
8008	DEWATERING AND EXCAVATION	CY	0.000	20.000	20.000	\$23.58	\$471.60
8009	3" STABILIZATION ROCK	TON	0.000	33.100	33.100	\$43.42	\$1,437.20
CO NO. 3							
8010	SAWCUTTING	LS	0.000	1.000	1.000	\$804.00	\$804.00
8011	CURB & GUTTER	LF	0.000	72.600	72.600	\$55.00	\$3,993.00
8012	SIDEWALK RE-MOBILIZATION	LS	0.000	1.000	1.000	\$600.00	\$600.00
8013	INLET PROTECTION DEVICE	LS	0.000	1.000	1.000	\$700.00	\$700.00
8014	MOBILIZATION FOR WATERING	EACH	0.000	5.000	5.000	\$350.00	\$1,750.00
8015	TRM. TYPE 2	SF	0.000	2004.000	2004.000	\$1.43	\$2,865.72
CO NO. 4							
8016	STORM SEWER CLEANING	LS	0.000	1.000	1.000	\$2,497.00	\$2,497.00
	ORIGINAL CONTRACT AMOUNT		\$743,544.08				
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$769,136.19				
	PARTIAL PAYMENT NO. 1		\$51,249.61				
	PARTIAL PAYMENT NO. 2		\$73,414.79				
	PARTIAL PAYMENT NO. 3		\$24,968.31				
	PARTIAL PAYMENT NO. 4		\$199,386.22				
	PARTIAL PAYMENT NO. 5		\$143,127.57				
	PARTIAL PAYMENT NO. 6		\$132,362.56				
	PARTIAL PAYMENT NO. 7		\$62,928.41				
	PARTIAL PAYMENT NO. 8		\$25,536.97				
	PARTIAL PAYMENT NO. 9		\$9,804.31				
	PARTIAL PAYMENT NO. 10		\$17,773.33				
	PARTIAL PAYMENT NO. 11		\$1,918.50				
	THIS PARTIAL PAYMENT		\$3,591.52				
	TOTAL PARTIAL PAYMENTS		\$746,062.10				
	BALANCE		\$23,074.09				

PREPARED BY: *B. M. Mole*

CHECKED BY: *Brett L. Smith*

AGREED: *[Signature]*  
Jensen Construction Company

TOTAL	\$769,136.19
RETAINAGE	\$23,074.09
TOTAL LESS RETAINAGE	\$746,062.10
LESS PREVIOUS PAYMENT	\$742,470.58
AMOUNT DUE	\$3,591.52

PARTIAL PAYMENT NO. 12 (FINAL)

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