

DATE July 11, 2016

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR HULL AVENUE ROADWAY IMPROVEMENTS AT UPRR, ABSOLUTE CONCRETE CONSTRUCTION, INC.**

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 Hull Avenue Roadway Improvements at UPRR, 06-2014-003, in accordance with the contract approved between Absolute Concrete Construction, Inc., Matt Triggs, President, 505 1st Avenue, PO Box 148, Slater, IA 50244, under Roll Call No. 15-0546, of March 23, 2015, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

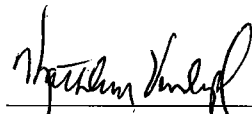
BE IT FURTHER RESOLVED: That \$741,749.24 is the total cost, of which \$719,496.76 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$22,252.48 is to be paid at the end of thirty days, with funds retained 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

*AE* Funding Source: 2016-2017 CIP, Page Street - 48, UPRR Crossing Closures Mitigation, ST253, Being: \$15,500, Des Moines Water Works reimbursement; and the remaining \$726,249.24 in Union Pacific Railroad funds, ST253

★ Roll Call Number

\_\_\_\_\_

Agenda Item Number

1013

\_\_\_\_\_

DATE July 11, 2016

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

## PROJECT SUMMARY

### Hull Avenue Roadway Improvements at UPRR

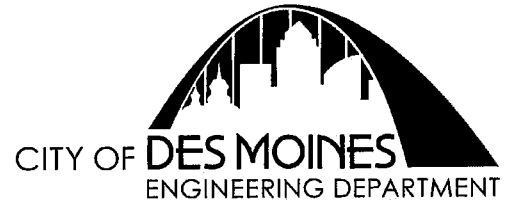
#### Activity ID 06-2014-003

On March 23, 2015, under Roll Call No. 15-0546, the Council awarded the contract for the above improvements to Absolute Concrete Construction, Inc., in the amount of \$642,315.10. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	6/23/2015 Remove and reinstall fencing and electric service for temporary access to the ADM facility while the permanent driveway is reconstructed. Core-out, reinforce, and patch a PCC driveway. Repair an existing conduit break near the intersection of Hubbell & University Avenues.	\$9,739.00
2	City	7/22/2015 Add certified flaggers for temporary traffic control.	\$4,350.00
3	City	8/18/2015 Excavation to expose existing conduit, due to excessive depth.	\$5,411.74
4	City	9/14/2015 The planned closure of Hull Avenue at the UPRR tracks was postponed by Council; this Change Order includes costs for the Contractor to leave the project and return to the site to complete in Spring 2016.	\$90,523.00
5	City	3/8/2017 Item 5.01 is for supplies and labor for signal preemption wiring, as required by UPRR.	\$1,694.88
6	City	6/7/2016 Adjust contract quantities to as-built quantities. Contractor was required to adjusted a manhole and construct a retaining wall adjacent to a driveway.	\$(12,284.48)
<b>Original Contract Amount</b>			\$642,315.10
<b>Total Change Orders</b>			\$99,434.14
<b>Percent of Change Orders to Original Contract</b>			15.48%
<b>Total Contract Amount</b>			\$741,749.24

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July 11, 2016



**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the Hull Avenue Roadway Improvements at UPRR, Absolute Concrete Construction, Inc.

**SYNOPSIS:**

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

**FISCAL IMPACT:**

Amount: \$741,749.24 As-Built Contract Cost

Funding Source: 2016-2017 CIP, Page Street - 48, UPRR Crossing Closures Mitigation, ST253, Being: \$15,500, Des Moines Water Works reimbursement; and the remaining \$726,249.24 in Union Pacific Railroad funds, ST253

**CERTIFICATION OF COMPLETION:**

On March 23, 2015, under Roll Call No. 15-0546, the City Council awarded a contract to Absolute Concrete Construction, Inc., Matt Triggs, President, 505 1st Avenue, PO Box 148, Slater, IA 50244 for the construction of the following improvement:

Hull Avenue Roadway Improvements at UPRR, 06-2014-003

The improvement includes widening the intersection of Hull Avenue and Dixon Street with 10-inch Portland Cement Concrete (PCC) pavement; placement of 8-inch PCC pavement base widening with a 2-inch Hot Mix Asphalt (HMA) overlay along the north side of Hull Avenue from Dixon Street to 1,300 feet east, and cul-de-sac construction on both sides of the railroad tracks, traffic signal and signing improvements, subdrains, driveways, pavement markings, surface restoration, and other incidental items; all in accordance with the contract documents, including Plans File Nos. 567-073/184, located on Hull Avenue from Dixon Street to Delaware Avenue, Des Moines, Iowa

I hereby certify that the construction of said Hull Avenue Roadway Improvements at UPRR, Activity ID 06-2014-003, 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 June 1, 2015, and was completed on June 30, 2016.

I further certify that \$741,749.24 is the total cost of said improvement, of which \$719,496.76 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 \$22,252.48 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, P.E.  
Des Moines City Engineer



FINAL QUANTITIES OF CONSTRUCTION COMPLETED  
FROM 05/20/2016 TO 05/25/2016  
FINAL PAYMENT (PARTIAL PAYMENT NO. 10)

Proj No: N/A  
Activity ID: 06-2014-003  
Date: 05/31/2016

PROJECT: HULL AVENUE ROADWAY IMPROVEMENTS AT UPRR  
CONTRACTOR: ABSOLUTE CONCRETE CONSTRUCTION, INC.

LINE NO.	DESCRIPTION	UNIT	UNITS			CONSTRUCTED TO DATE	UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED				
1	TRAFFIC/PEDESTRIAN CONTROL & WORK ZONE FENCING	LS	1,000	1,000	1,000	\$15,000.00	\$15,000.00	
2	UNIFORMED POLICE OFFICER	DAY	5,000	4,500	4,500	\$500.00	\$2,250.00	
3	MOBILIZATION	LS	1,000	1,000	1,000	\$50,000.00	\$50,000.00	
4	CLASS 10 EXCAVATION	CY	2,600,000	2,262,000	2,262,000	\$18.00	\$40,716.00	
5	SUBGRADE PREPARATION	SY	3,407,000	1,855,000	1,855,000	\$4.50	\$8,347.50	
6	SUBGRADE TREATMENT	SY	200,000	0,000	0,000	\$25.00	\$0.00	
7	MODIFIED SUBBASE, 6 IN DEPTH	SY	3,407,000	3,455,000	3,455,000	\$12.00	\$41,460.00	
8	TEMPORARY GRANULAR SURFACING	TON	110,000	15,040	15,040	\$40.00	\$601.60	
9	PLUG STORM SEWER INLET	EACH	2,000	3,000	3,000	\$500.00	\$1,500.00	
10	LONGITUDINAL SUBDRAIN	LF	819,000	757,500	757,500	\$11.00	\$8,332.50	
11	SUBDRAIN OUTLETS AND CONNECTIONS	EACH	8,000	7,000	7,000	\$450.00	\$3,150.00	
12	8 IN PCC PAVEMENT	SY	901,000	1,074,250	1,074,250	\$60.00	\$64,455.00	
13	10 IN PCC PAVEMENT	SY	2,501,000	2,595,500	2,595,500	\$70.00	\$181,685.00	
14	STANDARD PCC CURB AND GUTTER, 2.0 FT WIDTH, 6 IN. DEPTH	LF	70,000	72,000	72,000	\$45.00	\$3,240.00	
15	STANDARD PCC CURB AND GUTTER, 2.0 FT WIDTH, 10 IN. DEPTH	LF	211,000	211,000	211,000	\$55.00	\$11,605.00	
16	P.C. CONCRETE MEDIAN	SY	20,000	7,900	7,900	\$195.00	\$1,540.50	
17	HMA (3M ESAL) SURFACE, 1/2", NO FRICTION	TON	114,000	106,300	106,300	\$120.00	\$12,756.00	
18	4 IN. PCC SIDEWALK	SY	10,000	24,220	24,220	\$250.00	\$6,055.00	
19	BRICK PAVERS, MEDIAN	SF	180,000	70,900	70,900	\$25.00	\$1,772.50	
20	CLASS 'A' CRUSHED STONE	TON	206,000	187,260	187,260	\$40.00	\$7,490.40	
21	PAVEMENT SCARIFICATION	SY	100,000	0,000	0,000	\$15.00	\$0.00	
22	REMOVAL OF PAVEMENT	SY	2,816,000	3,454,000	3,454,000	\$17.00	\$58,718.00	
23	REMOVAL OF MEDIAN	SY	20,000	7,900	7,900	\$100.00	\$790.00	
24	TRAFFIC SIGNALIZATION	LS	1,000	1,000	1,000	\$75,000.00	\$75,000.00	
25	SEEDING, FERTILIZING AND MULCHING FOR HYDRAULIC SEEDING	SQ	206,000	221,400	221,400	\$15.00	\$3,321.00	
26	SEEDING AND FERTILIZING, CONVENTIONAL	SQ	27,000	0,000	0,000	\$20.00	\$0.00	
27	SODDING	SQ	64,000	47,000	47,000	\$85.00	\$3,995.00	
28	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)	LS	1,000	1,000	1,000	\$2,000.00	\$2,000.00	
29	COMPOST FILTER SOCK, 8 IN.	LF	1,330,000	420,000	420,000	\$3.00	\$1,260.00	
30	REMOVE COMPOST FILTER SOCK	LF	1,330,000	420,000	420,000	\$1.00	\$420.00	

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
31	TEMPORARY ROLLED EROSION CONTROL PRODUCT (RECP)	SY	300.000	0.000	0.000	\$15.00	\$0.00
32	EROSION CONTROL MULCHING, HYDROMULCH	ACRE	1.300	0.000	0.000	\$700.00	\$0.00
33	TREE PROTECTION	LS	1.000	1.000	1.000	\$1,500.00	\$1,500.00
34	TREE PROTECTION FENCE	LF	80.000	135.000	135.000	\$5.00	\$675.00
35	UPRR INSURANCE PROVISIONS	LS	1.000	1.000	1.000	\$5,000.00	\$5,000.00
36	REMOVE PAVEMENT MARKING	STA	1.500	0.000	0.000	\$134.00	\$0.00
37	PAINTED SYMBOLS & LEGENDS, WATERBORNE	EACH	2.000	2.000	2.000	\$80.00	\$160.00
38	PAINTED PAVEMENT MARKING, WATERBORNE	STA	11.300	10.660	10.660	\$102.00	\$1,087.32
39	MANHOLE OR INTAKE ADJUSTMENT, MINOR	EACH	1.000	1.000	1.000	\$500.00	\$500.00
40	FIRE HYDRANT RELOCATION, STA 16+74.47	EACH	1.000	1.000	1.000	\$7,500.00	\$7,500.00
41	FIRE HYDRANT RELOCATION, STA 19+54.64	EACH	1.000	1.000	1.000	\$7,500.00	\$7,500.00
1.01	REMOVE/REPLACE ADM FENCING	LS	0.000	1.000	1.000	\$2,235.20	\$2,235.20
1.02	DISCONNECT/REMOVE/REINSTALL ADM SERVICE	LS	0.000	1.000	1.000	\$1,595.00	\$1,595.00
1.03	DRIVEWAY CORE-OUT WITH PCC PATCH	LS	0.000	1.000	1.000	\$3,012.50	\$3,012.50
1.04	REPAIR CONDUIT, H5	LS	0.000	0.000	0.000	\$2,896.30	\$0.00
2.01	FLAGGER	DAY	0.000	3.000	3.000	\$435.00	\$1,305.00
3.01	CONDUIT DEPTH CHECK, HANDHOLE H5	LS	0.000	1.000	1.000	\$5,411.74	\$5,411.74
4.01	REMOBILIZATION	LS	0.000	1.000	1.000	\$50,000.00	\$50,000.00
4.02	REMOB TRAFFIC CONTROL	LS	0.000	1.000	1.000	\$7,500.00	\$7,500.00
4.03	REMOB CLASS 10 EXCAVATION	CY	0.000	431.000	431.000	\$2.00	\$862.00
4.04	REMOB SUBGRADE PREPARATION	SY	0.000	0.000	0.000	\$1.00	\$0.00
4.05	REMOB MODIFIED SUBBASE	SY	0.000	1,566.000	1,566.000	\$2.00	\$3,132.00
4.06	REMOB 10 IN. PCC PAVEMENT	SY	0.000	1,445.000	1,445.000	\$15.00	\$21,675.00
4.07	REMOB REMOVAL OF PAVEMENT	SY	0.000	1,860.000	1,860.000	\$3.00	\$5,580.00
4.08	REMOB SEEDING FERTILIZING AND MULCHING FOR HYDRAULIC SEED	SQ	0.000	154.200	154.200	\$3.00	\$462.60
4.09	REMOB SWPPP	LS	0.000	1.000	1.000	\$1,000.00	\$1,000.00
5.01	RAILROAD PREEMPTION WIRING ADJUSTMENT	LS	0.000	1.000	1.000	\$1,694.88	\$1,694.88
6.01	COMMUNICATIONS MANHOLE MINOR ADJUSTMENT	EACH	0.000	1.000	1.000	\$500.00	\$500.00
6.02	DRIVEWAY RETAINING WALL	LS	0.000	1.000	1.000	\$4,400.00	\$4,400.00
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$741,749.24				
	PARTIAL PAYMENT 01		\$5,238.00				
	PARTIAL PAYMENT 02		\$5,504.75				
	PARTIAL PAYMENT 03		\$150,311.62				
	PARTIAL PAYMENT 04		\$116,101.58				
	PARTIAL PAYMENT 05		\$129,273.34				
	PARTIAL PAYMENT 06		\$38,852.98				
	PARTIAL PAYMENT 07		\$420.01				
	PARTIAL PAYMENT 08		\$256,187.34				

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
	PARTIAL PAYMENT 09		\$17,607.14				
	THIS PARTIAL PAYMENT		\$0.00				
	TOTAL PARTIAL PAYMENTS		\$719,496.76				
	BALANCE		\$22,252.48				

TOTAL	\$741,749.24
RETAINAGE	\$22,252.48
TOTAL LESS RETAINAGE	\$719,496.76
LESS PREVIOUS PAYMENT	\$719,496.76
AMOUNT DUE	\$0.00

PREPARED BY: Brett Lewis

CHECKED BY: Matt R. U.

CONTRACTOR: Signature

FINAL PAYMENT (PARTIAL PAYMENT NO. 10)

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