

DATE February 10, 2014

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 6TH AVENUE OVER DES MOINES RIVER BRIDGE REHABILITATION, JENSEN CONSTRUCTION COMPANY

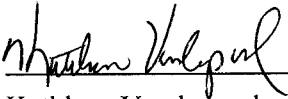
BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the 6th Avenue over Des Moines River Bridge Rehabilitation, 12-2011-002, in accordance with the contract approved between Jensen Construction Company, Kurt E. Rasmussen, Owner, 5550 NE 22nd Street, Des Moines, IA 50313, under Roll Call No. 12-0566, of April 9, 2012, 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 \$1,826,297.31 is the total cost, of which \$1,819,863.06 has been paid the Contractor, and \$3,434.25 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$3,000.00 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.

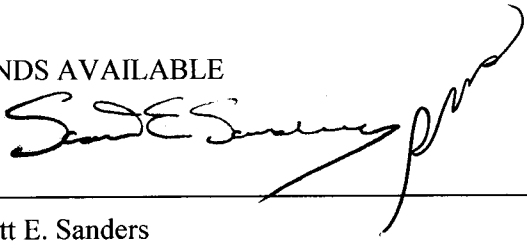
BE IT FURTHER RESOLVED: That the Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by _____ to adopt.

FORM APPROVED:


Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE


Scott E. Sanders
Des Moines Finance Director

Funding Source: 2013-2014, Page Bridge - 15, Structural Repair - Corrosion Protection, BR039, Being: \$280,000 in Federal Surface Transportation Program (STP) funds being 80% eligible construction costs only (Max \$280,000), with the remaining \$1,546,297.31 in Gaming Monies

STP-U-1945(787)--70-77

★ **Roll Call Number**

Agenda Item Number

10B

DATE February 10, 2014

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

MOTION CARRIED

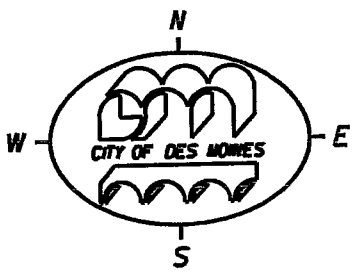
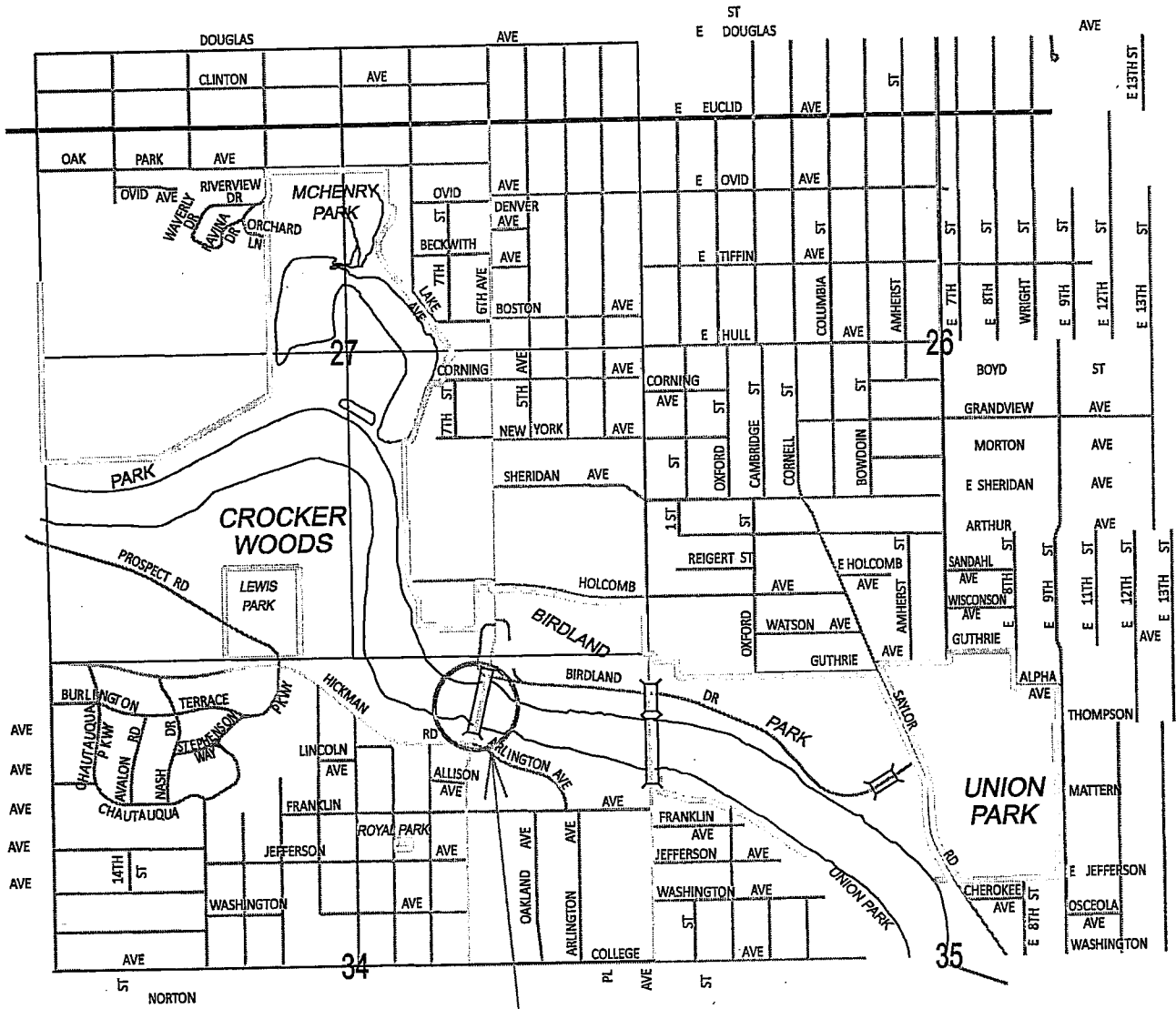
APPROVED

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



PROJECT
LOCATION

6th AVENUE OVER DES MOINES RIVER BRIDGE REHABILITATION ACTIVITY I.D. 12-2011-002

PROJECT SUMMARY

6th Avenue over Des Moines River Bridge Rehabilitation

Activity ID 12-2011-002

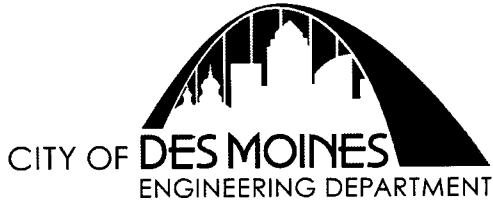
On April 9, 2012, under Roll Call No. 12-0566, the Council awarded the contract for the above improvements to Jensen Construction Company, in the amount of \$1,787,035.68. Tabulated below is a history of project change orders.

<u>Change Order No.</u>	<u>Initiated By</u>	<u>Description</u>	<u>Amount</u>
1	Engineering	5/24/2012 Add sidewalk adjacent to sports complex for additional access; add granular bike trail detour; stabilize existing storm sewer utility access.	\$3,508.15
2	Engineering	6/26/2012 Deduct bridge end posts per plan and add new revised concrete end posts; add additional traffic control signs, add non-epoxy reinforcing steel, and add epoxy coated dowel bars.	\$995.00
3	Engineering	8/30/2012 Add TCLP paint testing, paint and protect drain scuppers, abandon storm sewer pipe and raise intake invert, place temporary double yellow pavement tape, transition curb at barrier rail, stabilize approach sidewalk at NW corner, incorporate existing pavement lugs and provide double reinforcement, saw curb at pedestrian ramp for transition.	\$21,507.71
4	Engineering	9/10/2012 Abrasive blast and repaint existing water main, being paid for by Des Moines Water Works.	\$32,714.00
5	Engineering	12/3/2012 Revise scope of bridge painting for credit and apply price deductions for aggregate gradations on the barrier rail and HPC overlay.	\$(30,210.68)
6	Engineering	12/19/2012 Adjust contract quantities to match as-built quantities.	\$10,024.90
7	Engineering	10/7/2013 Adjust contract quantities to match as-built quantities.	\$722.55

10B

Original Contract Amount	\$1,787,035.68
Total Change Orders	\$39,261.63
Percent of Change Orders to Original Contract	2.20%
Total Contract Amount	\$1,826,297.31

10B



February 10, 2014

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the 6th Avenue over Des Moines River Bridge Rehabilitation, 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: \$1,826,297.31 As-Built Contract Cost

Funding Source: 2013-2014, Page Bridge - 15, Structural Repair - Corrosion Protection, BR039, Being: \$280,000 in Federal Surface Transportation Program (STP) funds being 80% eligible construction costs only (Max \$280,000), with the remaining \$1,546,297.31 in Gaming Monies

CERTIFICATION OF COMPLETION:

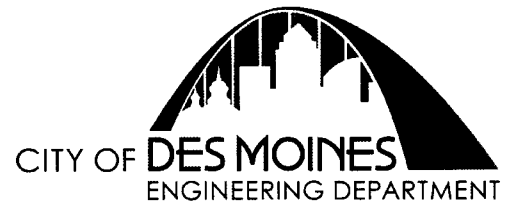
On April 9, 2012, under Roll Call No. 12-0566, the City Council awarded a contract to Jensen Construction Company, Kurt E. Rasmussen, Owner, 5550 NE 22nd Street, Des Moines, IA 50313 for the construction of the following improvement:

6th Avenue over Des Moines River Bridge Rehabilitation, 12-2011-002

The improvement includes rehabilitation of the existing bridge superstructure and substructure that includes concrete removal and repair, bridge deck repair, concrete repair for deck underside, remove and replace bridge sidewalks, retrofit concrete barrier rail and approach barrier rail, ornamental metal rail and steel pipe handrail, bridge deck overlay, steel extrusion joint and neoprene gland installation, longitudinal grooving, structural steel repair, blast cleaning of structural steel, containment, painting of structural steel, approach PCC patches and repair, removal and replacement of concrete curbs and sidewalks, removal and replacement of storm sewer intakes, remove and replace storm sewer pipe, excavation, topsoil furnish and spread, slope stabilization, erosion control, seeding, traffic control, temporary barrier rail, pavement markings, construction survey, and mobilization; all in accordance with the contract documents including Plan File Nos. 541-89/142, on 6th Avenue over Des Moines River located between Arlington Avenue and Holcomb Avenue, Des Moines, Iowa

I hereby certify that the construction of said 6th Avenue over Des Moines River Bridge Rehabilitation, Activity ID 12-2011-002, 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 April 24, 2012, and was completed on January 24, 2013.

1013



I further certify that \$1,826,297.31 is the total cost of said improvement, of which \$1,819,863.06 has been paid the Contractor and \$3,434.25 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$3,000.00 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 "Rb" monogram.

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

ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA



ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 8/29/13 to 10/1/13
FINAL PAYMENT (PARTIAL PAYMENT NO. 13)

Proj No: STP-U-1945(787)--70-77
Activity ID: 12-2011-002
Date: 1/16/14

PROJECT: 6th Avenue over Des Moines River Bridge Rehabilitation
CONTRACTOR: Jensen Construction Co.

LINE NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	
1	REMOVALS, AS PER PLAN	LS	1.000	1.000	1.000	\$125,000.00
2	STRUCTURAL CONCRETE (BRIDGE)	CY	328.200	316.200	316.200	\$232,407.00
3	REINFORCING STEEL, EPOXY COATED	LB	63,361.000	60,318.000	60,318.000	\$60,318.00
4	STRUCTURAL STEEL	LB	75.000	75.000	75.000	\$1,800.00
5	LONGITUDINAL GROOVING IN CONCRETE	SY	2,854.000	2,854.000	2,854.000	\$5,708.00
6	DECK REPAIR, CLASS A	SY	304.000	14.300	14.300	\$2,288.00
7	DECK REPAIR, CLASS B	SY	331.300	292.300	292.300	\$51,152.50
8	STEEL EXTRUSION JOINT WITH NEOPRENE	LF	28.400	28.400	28.400	\$12,780.00
9	NEOPRENE GLAND INSTALLATION AND TESTING	LF	130.420	130.420	130.420	\$16,302.50
10	RETROFIT CONCRETE BARRIER RAILING	LF	1,180.000	1,180.000	1,180.000	\$88,500.00
11	STEEL PIPE PEDESTRIAN HAND RAILING	LF	1,176.800	1,176.800	1,176.800	\$54,132.80
12	ORNAMENTAL METAL RAILING	LF	1,095.000	1,158.100	1,158.100	\$88,015.60
13	CONCRETE REPAIR	SF	148.000	150.500	150.500	\$22,575.00
14	BLAST CLEANING OF STRUCTURAL STEEL	LS	1.000	1.000	1.000	\$155,000.00
15	CONTAINMENT	LS	1.000	1.000	1.000	\$128,000.00
16	PAINTING OF STRUCTURAL STEEL	LS	1.000	1.000	1.000	\$198,000.00
17	CONSTRUCTION SURVEY	LS	1.000	1.000	1.000	\$7,500.00
18	MOBILIZATION	LS	1.000	1.000	1.000	\$150,000.00
19	STRUCTURAL STEEL BOLT INSTALLATION	EACH	4.000	2.000	2.000	\$300.00
20	STRUCTURAL STEEL CRACK REPAIR	EACH	2.000	3.000	3.000	\$6,000.00
21	CLEAN AND SEAL FOR DECK UNDERSIDE REPAIR	SF	152.000	64.300	64.300	\$8,037.50
22	CLEAN, COVER AND SEAL FOR DECK UNDERSIDE REPAIR	SF	79.000	271.100	271.100	\$47,442.50
23	CONCRETE WATERPROOFING	SF	386.000	386.000	386.000	\$15,440.00
24	CLASS A DECK REPAIR (MILLING)	SY	1,192.200	1,231.300	1,231.300	\$6,156.50
25	DECK OVERLAY (CLASS O PCC)	SY	3,041.700	0.000	N/A	\$0.00

10B

10 B

LINE NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	
26	DECK OVERLAY (CLASS HPC-O PCC)	SY	3,041.700	3,033.300	3,033.300	\$121,332.00
27	CLEARING AND GRUBBING	ACRE	0.070	0.070	0.070	\$2,800.00
28	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	148.000	356.000	356.000	\$14,952.00
29	TOPSOIL, FURNISH AND SPREAD	CY	72.000	0.000	0.000	\$0.00
30	MODIFIED SUBBASE	CY	12.000	15.000	15.000	\$750.00
31	PATCHES, FULL-DEPTH REPAIR	SY	36.100	53.850	53.850	\$8,885.25
32	PATCHES, PARTIAL-DEPTH REPAIR, P.C.C.	SF	11.000	5.600	5.600	\$840.00
33	PATCHES BY COUNT (REPAIR)	EACH	3.000	4.000	4.000	\$1,000.00
34	BRIDGE APPROACH PAVEMENT, AS PER PLAN	SY	18.100	18.440	18.440	\$5,532.00
35	HOT MIX ASPHALT MIXTURE (3,000.000 ESAL), SURFACE COURSE, 1/2 IN.	TON	6.800	10.200	10.200	\$2,550.00
36	ASPHALT BINDER, PG 64-22	TON	0.400	0.500	0.500	\$300.00
37	MANHOLE ADJUSTMENT, MAJOR	EACH	1.000	1.000	1.000	\$2,625.00
38	CONNECTION TO EXISTING MANHOLE	EACH	2.000	2.000	2.000	\$1,570.00
39	SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA.	LF	51.000	51.000	51.000	\$1,020.00
40	SUBDRAIN OUTLET (RF-19C)	EACH	2.000	2.000	2.000	\$130.00
41	SUBDRAIN OUTLET, RF-19E	EACH	1.000	1.000	1.000	\$770.00
42	STORM SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE	LF	70.000	70.000	70.000	\$11,200.00
43	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF	65.000	65.000	65.000	\$1,755.00
44	REMOVAL OF PAVEMENT	SY	92.900	71.600	71.600	\$3,007.20
45	REMOVAL OF INTAKES AND UTILITY ACCESSES	EACH	1.000	1.000	1.000	\$1,410.00
46	REMOVAL OF SIDEWALK	SY	87.400	107.000	107.000	\$1,498.00
47	SIDEWALK, P.C. CONCRETE, 5 IN.	SY	95.000	113.000	113.000	\$4,774.25
48	SIDEWALK, P.C. CONCRETE, 6 IN.	SY	21.700	35.000	35.000	\$1,548.76
49	DETECTABLE WARNINGS	SF	48.000	48.000	48.000	\$1,536.00
50	CURB AND GUTTER, P.C. CONCRETE, 1.5 FT.	LF	69.000	113.000	113.000	\$6,158.50
51	CONCRETE BARRIER, APPROACH, AS PER PLAN	EACH	4.000	4.000	4.000	\$3,390.00
52	SAFETY CLOSURE	EACH	4.000	4.000	4.000	\$600.00
53	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	26.300	42.240	42.240	\$4,012.80
54	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	EACH	2.000	2.000	2.000	\$150.00
55	PAVEMENT MARKINGS REMOVED	STA	4.700	17.180	17.180	\$859.00
56	TEMPORARY BARRIER RAIL, CONCRETE	LF	1,500.000	1,375.000	1,375.000	\$13,750.00
57	TRAFFIC CONTROL	LS	1.000	1.000	1.000	\$17,300.00
58	OFF DUTY UNIFORMED OFFICER	C DAY	8.000	15.000	15.000	\$7,200.00
59	INTAKE, SPECIAL, TRIPLE GRATE	EACH	1.000	1.000	1.000	\$9,100.00
60	EXPANSION JOINT, REMOVAL AND REPLACEMENT	LF	50.000	100.000	100.000	\$10,000.00
61	MULCHING, WOOD CELLULOSE FIBER	ACRE	0.090	0.900	0.900	\$3,600.00
62	SEEDING AND FERTILIZING (URBAN)	ACRE	0.090	1.960	1.960	\$4,900.00

10B

LINE NO.	DESCRIPTION	UNIT	UNITS				CONSTRUCTED TO DATE	UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED					
63	SLOPE PROTECTION, WOOD EXCELSIOR MAT	SQ	24,000	88,100		88,100	\$14.00	\$1,233.40	
64	STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	ACRE	1,000	0,000		0,000	\$500.00	\$0.00	
65	SILT FENCE	LF	356,000	520,000		520,000	\$2.00	\$1,040.00	
66	REMOVAL OF SILT FENCE	LF	356,000	266,000		266,000	\$0.50	\$133.00	
67	CLEAN-OUT OF SILT FENCE	LF	147,000	105,000		105,000	\$0.00	\$0.00	
67.1	CHANGEABLE MESSAGE SIGNS, PORTABLE	CDAY	480,000	422,000		422,000	\$25.00	\$10,550.00	
68	MOBILIZATIONS, EROSION CONTROL	EACH	1,000	7,000		7,000	\$500.00	\$3,500.00	
69	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH	1,000	0,000		0,000	\$1,000.00	\$0.00	
CHANGE ORDERS									
CO No. 1									
8001	PEDESTRIAN SIDEWALK	LS	0,000	5,700,000		5,700,000	\$1.00	\$5,700.00	
8002	TRAIL SURFACING	LS	0,000	6,900,000		6,900,000	\$1.00	\$6,900.00	
8003	STABILIZE UTILITY ACCESS	LS	0,000	952,150		952,150	\$1.00	\$952.15	
8004	PVC CONDUIT SAVINGS	LS	0,000	10,044,000		10,044,000	(\$1.00)	(\$10,044.00)	
CO No. 2									
8005	CONCRETE END POSTS	LS	0,000	4,808,000		4,808,000	\$1.00	\$4,808.00	
8006	TRAFFIC SIGNS	LS	0,000	1,100,000		1,100,000	\$1.00	\$1,100.00	
8007	REINFORCING STEEL	LBS	0,000	7,087,000		7,087,000	\$0.90	\$6,378.30	
8008	RAIL DOWEL BAR	EACH	0,000	1,358,000		1,358,000	\$3.50	\$4,753.00	
CO No. 3									
8009	TCLP PAINT TESTS	EACH	0,000	2,000		2,000	\$423.20	\$846.40	
8010	SCUPPER PAINTING	EACH	0,000	32,000		32,000	\$175.00	\$5,600.00	
8011	ABANDON STORM SEWER	LS	0,000	7010,960		7,010,960	\$1.00	\$7,010.96	
8012	TEMPORARY PAVEMENT TAPE	STA	0,000	29,100		29,100	\$137.50	\$4,001.25	
8013	BARRIER RAIL MODIFICATION	LS	0,000	1,100,000		1,100,000	\$1.00	\$1,100.00	
8014	KNEE WALL	LS	0,000	1,500,000		1,500,000	\$1.00	\$1,500.00	
8015	INCORPORATE PAVEMENT LUGS	LS	0,000	1,540,000		1,540,000	\$1.00	\$1,540.00	
8016	HORIZONTAL CURB SAWING	LS	0,000	350,000		350,000	\$1.00	\$350.00	
CO No. 4									
8017	WATERMAIN PAINTING	LS	0,000	1,000		1,000	\$32,714.00	\$32,714.00	
CO No. 5									
8018	SURFACING EPOXY	LS	0,000	1,000		1,000	\$3,520.00	\$3,520.00	
8019	AGGREGATE GRADATION DEVIATION, ITEM #0100 (BARRIER RAIL)	LF	0,000	590,000		590,000	(\$0.75)	(\$442.50)	
8020	AGGREGATE GRADATION DEVIATION, ITEM #0260 (HPC OVERLAY)	SY	0,000	1,516,650		1,516,650	(\$0.40)	(\$606.66)	
8021	PAINTING DEDUCT	LS	0,000	1,000		1,000	(\$50,000.00)	(\$50,000.00)	
8022	CHAIN LINK FENCE	LS	0,000	1,000		1,000	\$11,979.60	\$11,979.60	
8023	ORNAMENTAL RAIL POST MODIFICATION	LS	0,000	1,000		1,000	\$2,204.00	\$2,204.00	

LINE NO. CO No. 7	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
8024	FILTER SOCK	L,F	0.000	119.000	119.000	\$6.05	\$719.95
8025	JOINT CLEAN-OUT AND SEALING	L,S	0.000	1.000	1.000	\$932.80	\$932.80
8026	SIDEWALK JOINT CLEANOUT	L,S	0.000	1.000	1.000	\$492.00	\$492.00
	ORIGINAL CONTRACT AMOUNT		\$1,787,035.68				
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS No. 1-7		\$1,826,297.31				
	PARTIAL PAYMENT NO. 1		\$114,399.86				
	PARTIAL PAYMENT NO. 2		\$65,571.37				
	PARTIAL PAYMENT NO. 3		\$137,503.53				
	PARTIAL PAYMENT NO. 4		\$252,123.06				
	PARTIAL PAYMENT NO. 5		\$264,239.56				
	PARTIAL PAYMENT NO. 6		\$280,396.30				
	PARTIAL PAYMENT NO. 7		\$494,551.13				
	PARTIAL PAYMENT NO. 8		\$112,368.78				
	PARTIAL PAYMENT NO. 9		\$55,081.21				
	PARTIAL PAYMENT NO. 10		\$6,373.00				
	PARTIAL PAYMENT NO. 11		\$11,544.76				
	PARTIAL PAYMENT NO. 12		\$25,710.50				
	THIS PARTIAL PAYMENT		\$3,434.25				
	TOTAL PARTIAL PAYMENTS		\$1,823,297.31				
	BALANCE		\$3,000.00				
	TOTAL						\$1,826,297.31
	*RETAINAGE (10% of \$30,000)						\$3,000.00
	TOTAL LESS RETAINAGE						\$1,823,297.31
	LESS PREVIOUS PAYMENT						\$1,819,863.06
	AMOUNT DUE						\$3,434.25

PREPARED BY: *[Signature]*

CHECKED BY: *[Signature]*

REVIEWED BY: *[Signature]*

Jensen Construction Company

FINAL PAYMENT (PARTIAL PAYMENT NO. 13)

* Note: The City Engineer has determined that the contract is substantially complete and this payment includes partial release of retainage requested by the Contractor pursuant to Iowa Code Chapter 26.