

★ **Roll Call Number**

Agenda Item Number

10 E

DATE January 8, 2018

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT  
FOR 2016 SEWER REPAIR - CONTRACT 1, MINTURN, 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 2016 Sewer Repair - Contract 1, 08-2016-001, in accordance with the contract approved between Minturn, Inc., Clinton M. Rhoads, President, 309 N. Orchard Street, Brooklyn, IA 52211, under Roll Call No. 16-1005, of June 13, 2016, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

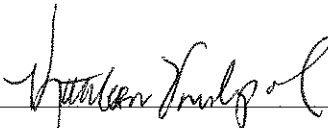
BE IT FURTHER RESOLVED: That \$661,426.59 is the total cost, of which \$641,583.79 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$19,842.80 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573.

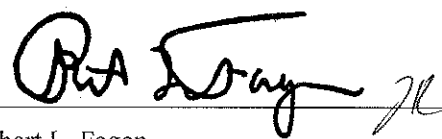
BE IT FURTHER RESOLVED: That the Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

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

FORM APPROVED:

FUNDS AVAILABLE

  
Kathleen Vanderpool  
Deputy City Attorney

  
Robert L. Fagen  
Des Moines Finance Director

*PC* Funding Source: 2017-2018 CIP, Page Storm - 4, City-wide Storm Water Utility Projects, SM057, Storm Water Utility Funds

COUNCIL ACTION	YEAS	NAYS	Pass	ABSENT
COWNIE				
BOESEN				
COLEMAN				
GATTO				
GRAY				
MANDELBAUM				
WESTERGAARD				
TOTAL				
MOTION CARRIED	APPROVED			

**CERTIFICATE**

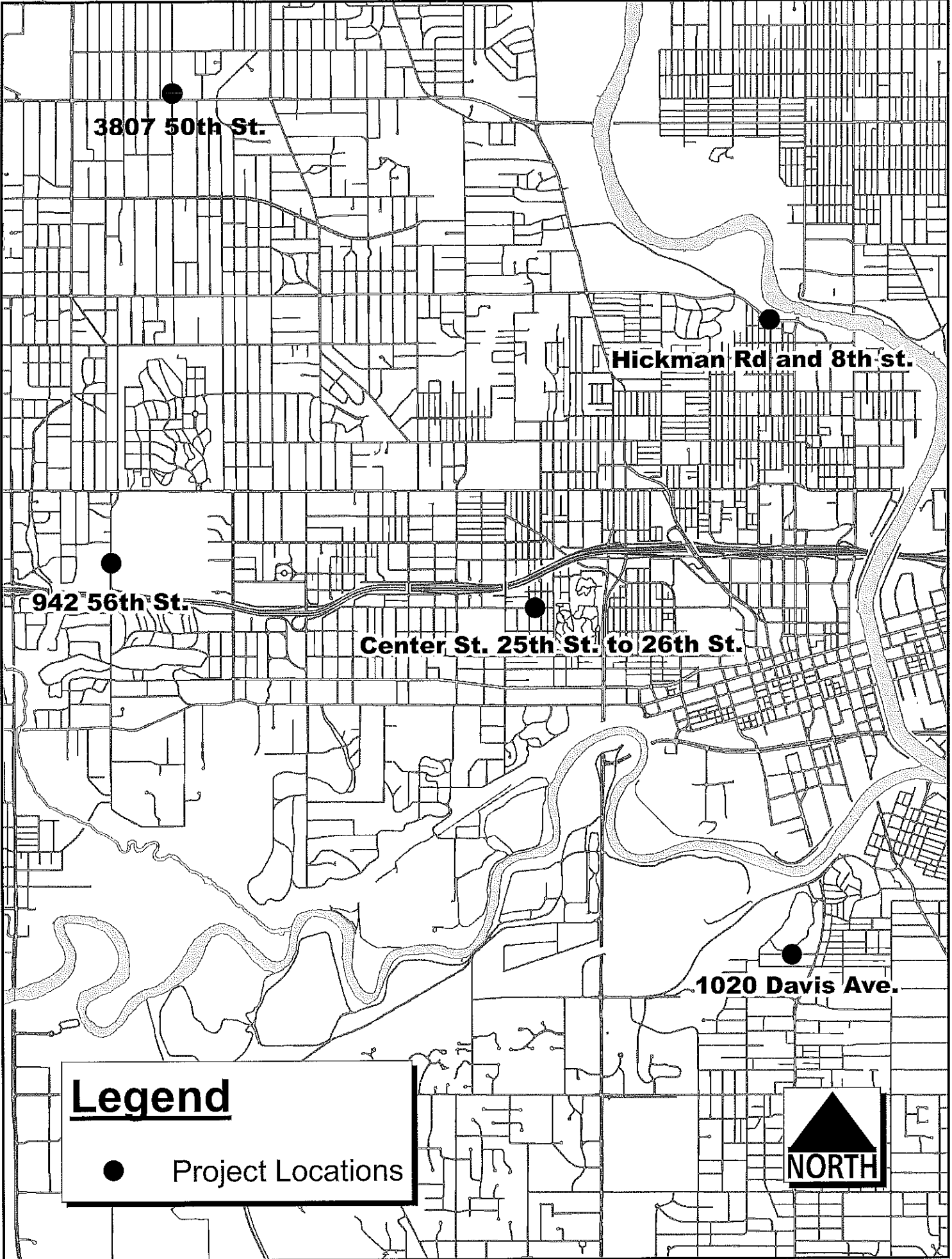
I, DIANE RAUH, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

\_\_\_\_\_  
Mayor

\_\_\_\_\_  
City Clerk

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**3807 50th St.**

**Hickman Rd and 8th st.**

**942 56th St.**

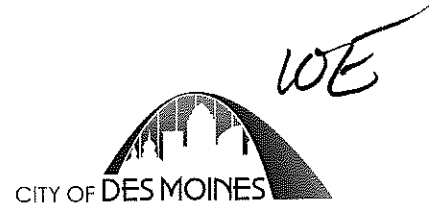
**Center St. 25th St. to 26th St.**

**1020 Davis Ave.**

**Legend**

● Project Locations





## PROJECT SUMMARY

2016 Sewer Repair - Contract 1

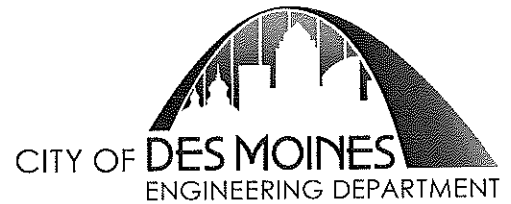
Activity ID 08-2016-001

On June 13, 2016, under Roll Call No. 16-1005, the Council awarded the contract for the above improvements to Minturn , Inc., in the amount of \$647,659.75. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	11/17/2016 Contractor was required to address unforeseen field conditions such as the replacement of unsuitable foundation materials and filling eroded voids along the existing culvert.	\$22,806.00
2	Engineering	1/12/2017 Construct a manhole adjustment at 3807 50th Street.	\$7,286.00
3	Engineering	10/27/2017 Enforce liquidated damages for late project completion and also adjust all plan quantities to the as-built quantities.	\$(16,325.16)
<b>Original Contract Amount</b>			\$647,659.75
<b>Total Change Orders</b>			\$13,766.84
<b>Percent of Change Orders to Original Contract</b>			2.13%
<b>Total Contract Amount</b>			\$661,426.59

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January 8, 2018



**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the 2016 Sewer Repair - Contract 1, Minturn , Inc.

**SYNOPSIS:**

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

**FISCAL IMPACT:**

Amount: \$661,426.59 As-Built Contract Cost

Funding Source: 2017-2018 CIP, Page Storm – 4, City-wide Storm Water Utility Projects, SM057, Storm Water Utility Funds

**CERTIFICATION OF COMPLETION:**

On June 13, 2016, under Roll Call No. 16-1005, the City Council awarded a contract to Minturn , Inc., Clinton M. Rhoads, President, 309 N. Orchard Street, Brooklyn, IA 52211 for the construction of the following improvement:

2016 Sewer Repair - Contract 1, 08-2016-001

The improvement includes the construction of storm sewer, culverts, manholes, intakes, gabion basket walls, rip rap stabilization, Portland Cement Concrete (PCC) pavement, Hot Mix Asphalt (HMA) pavement, seeding, sodding, and other incidental items; in accordance with the contract documents, including Plan File Nos. 572-132/165 at five locations: 942 56th Street, 803 Hickman Road, 3807 50th Street, 745 26th Street, and 1004 Davis Avenue, Des Moines, Iowa

I hereby certify that the construction of said 2016 Sewer Repair - Contract 1, Activity ID 08-2016-001, 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 July 5, 2016, and was completed on January 2, 2018.

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I further certify that \$661,426.59 is the total cost of said improvement, of which \$641,583.79 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 \$19,842.80 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.

Handwritten signature of Pamela S. Cooksey in cursive, followed by the initials "P.S." in a smaller font.

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

ENGINEERING DEPARTMENT  
CITY OF DES MOINES, IOWA



ESTIMATE OF CONSTRUCTION COMPLETED  
FOR WORK DONE FROM 10/27/2017 TO 11/2/2017  
PARTIAL PAYMENT NO. 9 (FINAL PAYMENT)

PROJECT: 2016 SEWER REPAIR - CONTRACT 1  
CONTRACTOR: MINTURN, INC.

Proj No:  
Activity ID: 008-2016-001  
Date: 11/2/2017

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	Traffic Control	LS	1.000	1.000	1.000	\$10,000.00	\$10,000.00
2	Mobilization	LS	1.000	1.000	1.000	\$50,000.00	\$50,000.00
3	Clearing and Grubbing	LS	1.000	1.000	1.000	\$62,750.00	\$62,750.00
4	Class 10 Excavation	CY	675.000	650.000	650.000	\$46.00	\$29,900.00
5	Modified Subbase, 6"	SY	203.000	214.900	214.900	\$17.00	\$3,653.30
6	Reinforced Concrete Box Culvert, 8'x8' Barrell	LF	5.000	5.000	5.000	\$2,000.00	\$10,000.00
7	Reinforced Concrete Box Culvert, Flared Wing Wall	LS	1.000	1.000	1.000	\$30,000.00	\$30,000.00
8	Removal of Existing RCB Culvert and Headwall	LF	6.000	6.000	6.000	\$850.00	\$5,100.00
9	Steel Sheeting, Curtain Wall	SF	480.000	480.000	480.000	\$45.00	\$21,600.00
10	Bypass Pumping, Flow Diversions, Dewatering	LS	1.000	1.000	1.000	\$20,000.00	\$20,000.00
11	Reinforced Concrete Pipe (RCP), 24"	LF	101.000	103.000	103.000	\$160.00	\$16,480.00
12	Reinforced Concrete Pipe (RCP), 72"	LF	77.000	80.000	80.000	\$700.00	\$56,000.00
13	Removal of Existing 21" RCP Storm Sewer	LF	101.000	101.000	101.000	\$25.00	\$2,525.00
14	Pipe Apron, 72" RCP with Apron Guard	EA	1.000	1.000	1.000	\$13,000.00	\$13,000.00
15	Footing for 72" RCP Apron	EA	1.000	1.000	1.000	\$2,325.00	\$2,325.00
16	Footing Drain, 6"	LF	5.000	10.000	10.000	\$200.00	\$2,000.00
17	Manhole, SW-401, 60" Diam.	EA	1.000	0.000	0.000	\$10,400.00	\$0.00
18	Intake, SW-507	EA	1.000	0.000	0.000	\$12,000.00	\$0.00
19	Intake, SW-541 with Extension Unit	EA	2.000	3.000	3.000	\$13,500.00	\$40,500.00
20	Connection Box	LS	1.000	1.000	1.000	\$17,000.00	\$17,000.00
21	Manhole Adjustment, Major	EA	3.000	3.000	3.000	\$4,000.00	\$12,000.00
22	Connection to Existing Manhole	EA	2.000	2.000	2.000	\$2,500.00	\$5,000.00
23	Removal of Existing Manhole or Intake	EA	4.000	3.000	3.000	\$1,000.00	\$3,000.00
24	PCC Pavement, 6"	SY	193.000	222.420	222.420	\$60.00	\$13,345.20
25	PCC Pavement, 10"	SY	203.000	243.300	243.300	\$100.00	\$24,330.00
26	Removal of Roadway Pavement	SY	245.000	287.750	287.750	\$20.00	\$5,755.00
27	Removal of Sidewalk or Driveway	SY	401.000	134.690	134.690	\$15.00	\$2,020.35
28	HMA Driveway, 300K ESAL, 4"	SY	245.000	129.000	129.000	\$40.00	\$5,160.00
29	Removal of Garage	LS	1.000	1.000	1.000	\$5,500.00	\$5,500.00
30	Pavement Markings	LS	1.000	1.000	1.000	\$1,500.00	\$1,500.00
31	Seeding, Fertilizing, Mulching (Type 1)	ACRE	0.100	0.440	0.440	\$16,000.00	\$7,040.00
32	Seeding, Fertilizing, Mulching (Native Grass and Forbs)	ACRE	0.100	0.150	0.150	\$16,000.00	\$2,400.00

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
33	Sodding	SQ	151.000	161.000	161.000	\$86.00	\$13,846.00
34	Filter Socks	LF	575.000	391.000	391.000	\$3.25	\$1,270.75
35	Removal of Filter Socks	LF	575.000	391.000	391.000	\$1.00	\$391.00
36	Rolled Erosion Control Product (RECP)	SY	600.000	631.700	631.700	\$3.00	\$1,895.10
37	Rip Rap, Class B	TON	325.000	306.140	306.140	\$78.00	\$23,878.92
38	Rip Rap, Class E	TON	150.000	107.640	107.640	\$65.00	\$6,996.60
39	Rip Rap, Class D	TON	380.000	579.550	579.550	\$87.00	\$50,420.85
40	Grout for Rip Rap	CY	65.000	0.000	0.000	\$150.00	\$0.00
41	Flow Transition Mat	SF	320.000	324.000	324.000	\$17.50	\$5,670.00
42	Gabions	CY	126.000	126.000	126.000	\$350.00	\$44,100.00
43	Chain Link Fence	LF	62.000	56.000	56.000	\$67.00	\$3,752.00
44	Removal and Replacement of 6' Privacy Fence	LF	56.000	0.000	0.000	\$50.00	\$0.00
45	Removal and Reinstallation of Existing Fence	LF	120.000	119.000	119.000	\$28.00	\$3,332.00
46	Uniformed Police Officer	DAY	5.000	3.500	3.500	\$550.00	\$1,925.00
47	Tree Protection	LS	1.000	1.000	1.000	\$3,300.00	\$3,300.00
48	Tree Protection Fencing	LF	850.000	593.000	593.000	\$4.00	\$2,372.00
1.01	Flowable Mortar for Void Repair	LS	0.000	1.000	1.000	\$4,321.00	\$4,321.00
1.02	Remove Existing Fence & Replace w/ 4' PVC Coated Chain Link	LF	0.000	98.000	98.000	\$37.24	\$3,649.52
1.03	Drainage Way Clearing, Grubbing, and Shaping	LS	0.000	1.000	1.000	\$3,500.00	\$3,500.00
1.04	Trench Foundation Stabilization	LS	0.000	1.000	1.000	\$2,838.00	\$2,838.00
1.05	Manhole Barrel Section	LS	0.000	1.000	1.000	\$898.00	\$898.00
1.06	Drain Tile Connections	LS	0.000	1.000	1.000	\$1,000.00	\$1,000.00
2.01	Modified Manhole Adjustment	LS	0.000	1.000	1.000	\$1,000.00	\$1,000.00
2.02	10" Ductile Iron Pipe	LF	0.000	60.000	60.000	\$50.00	\$3,000.00
2.03	Construction Entrance	LS	0.000	1.000	1.000	\$1,400.00	\$1,400.00
2.04	16" Ductile Iron Sewer Repair, Center Street	LS	0.000	1.000	1.000	\$1,886.00	\$1,886.00
3.01	Liquidated Damages	DAY	0.000	17.000	17.000	-\$300.00	(\$5,100.00)
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$661,426.59				
PARTIAL PAYMENT #1			\$114,621.80				
PARTIAL PAYMENT #2			\$90,217.42				
PARTIAL PAYMENT #3			\$177,781.11				
PARTIAL PAYMENT #4			\$195,532.90				
PARTIAL PAYMENT #5			\$38,128.99				
PARTIAL PAYMENT #6			\$3,639.44				
PARTIAL PAYMENT #7			\$21,040.36				
PARTIAL PAYMENT #8			\$621.77				
THIS FINAL PARTIAL PAYMENT			\$0.00				
TOTAL PARTIAL PAYMENTS			\$641,583.79				
BALANCE			\$19,842.80				

PREPARED BY: Matt Rankin  
 CHECKED BY: Broth Seyoum  
 CONTRACTOR AGREEMENT [Signature]

TOTAL	\$661,426.59
RETAINAGE	\$19,842.80
TOTAL LESS RETAINAGE	\$641,583.79
LESS PREVIOUS PAYMENT	\$641,583.79
AMOUNT DUE	\$0.00

PARTIAL PAYMENT NO. 9 (FINAL PAYMENT)

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