



**Roll Call Number**

**Agenda Item Number**

13 C

DATE May 22, 2023

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 2021 PCC RESIDENTIAL PAVING PROGRAM, MPS ENGINEERS, P.C. DBA KINGSTON SERVICES, P.C.**

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 2021 PCC Residential Paving Program, 062021004, in accordance with the contract approved between MPS Engineers, P.C. dba Kingston Services, P.C., Umesh G. Shetye, President, 1444 Illinois Street, Des Moines, IA 50314, under Roll Call No. 21-0512, of March 22, 2021, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted.

BE IT FURTHER RESOLVED: That \$850,823.76 is the total cost, of which \$825,299.05 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 \$25,524.71 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 Director of Finance be and is hereby authorized to release said retainage if suit is not filed as above provided.

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

FORM APPROVED:

FUNDS AVAILABLE

*Kathleen Vanderpool*

*Nickolas J. Schaul*

Kathleen Vanderpool  
Deputy City Attorney

Nickolas J. Schaul  
Director of Finance

SLN  
pw

Funding Source: 2023-24 CIP, Page 112, Roadway Rehabilitation – Residential, ST013, G.O. Bonds Issued

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
GATTO				
MANDELBAUM				
SHEUMAKER				
VOSS				
WESTERGAARD				
TOTAL				

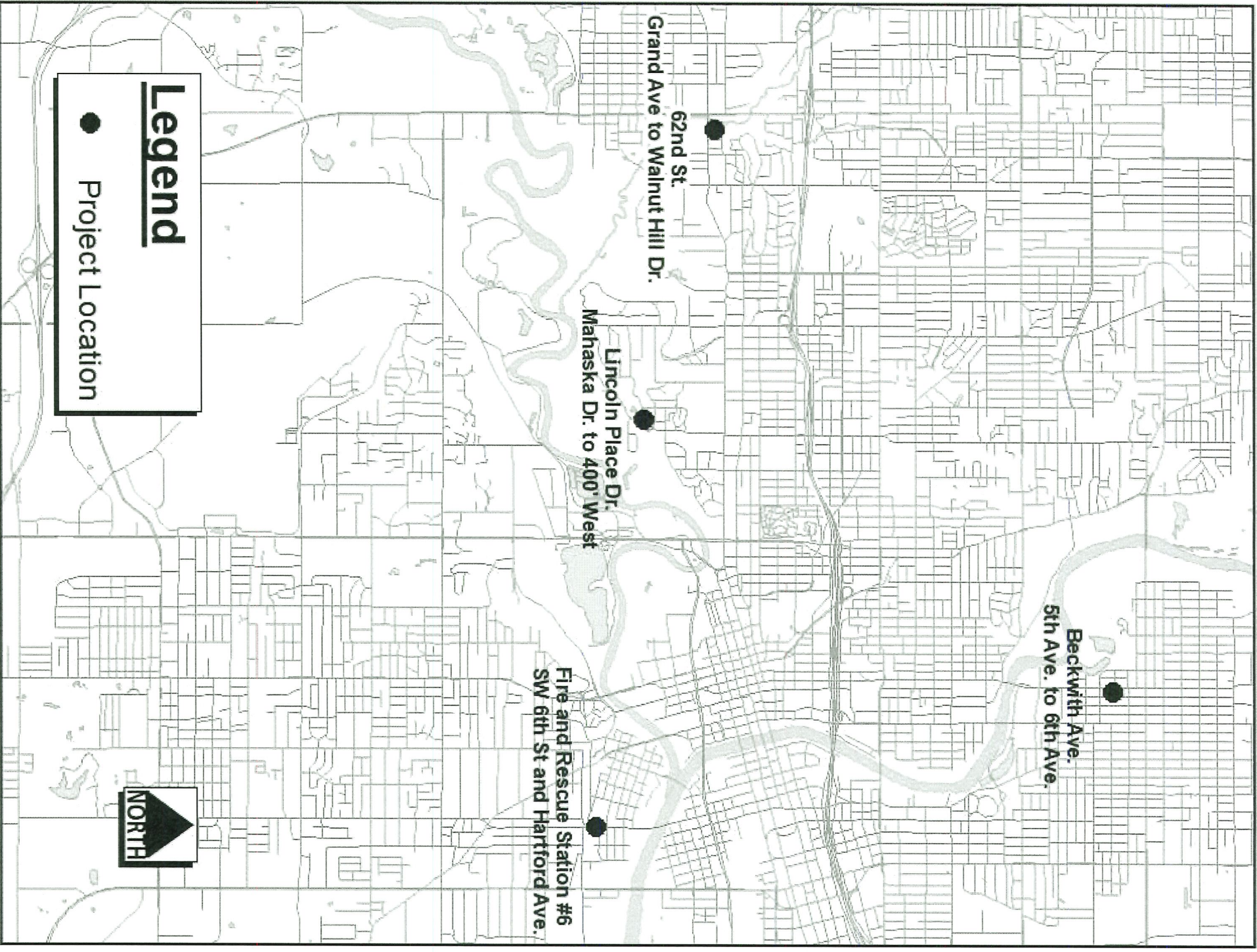
I, Laura Baumgartner, City Clerk of said City Council, hereby certify that at a meeting of the City Council, held on the above date, among other proceedings the above was adopted.

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

MOTION CARRIED APPROVED

Mayor

City Clerk



**Legend**  
● Project Location



## PROJECT SUMMARY

### 2021 PCC Residential Paving Program

#### Activity ID 062021004

On March 22, 2021, under Roll Call No. 21-0512, the Council awarded the contract for the above improvements to MPS Engineers, P.C. dba Kingston Services, P.C., in the amount of \$769,583.00. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	5/19/2021 This change order includes the change from a 6" PCC driveway for the fire station to a 10" PCC driveway to provide a headier duty pavement as coordinated with Facilities personnel and to adjust for constructed quantities at Site No. 1.	\$10,792.80
2	Contractor	8/30/2021 This Change Order No. 2 includes the repair of a sewer at 62nd Street. The work included the removal of concrete, pipe removal and replacement, concrete collars, manufactured sand for backfill, labor, materials and all work items related to the repair.	\$21,832.00
3	City	10/12/2021 Change Order No. 3 includes additional work items including the addition of a combination concrete wall and sidewalk in place of the proposed modular block wall, the addition of a new modular block wall to replace an existing deteriorated timber wall, and arborist services to prune and treat roots adjacent to the new combination concrete wall and sidewalk.	\$39,198.00
4	City	1/31/2023 This change order includes the addition of sodding and chain-link fence at Beckwith Avenue and to account for as-built quantities.	\$9,417.96
<b>Original Contract Amount</b>			\$769,583.00
<b>Total Change Orders</b>			\$81,240.76
<b>Percent of Change Orders to Original Contract</b>			10.56%
<b>Total Contract Amount</b>			\$850,823.76

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May 22, 2023

**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the 2021 PCC Residential Paving Program, MPS Engineers, P.C. dba Kingston Services, P.C..

**SYNOPSIS:**

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

**FISCAL IMPACT:**

Amount: \$850,823.76 As-Built Contract Cost

Funding Source: 2023-24 CIP, Page 112, Roadway Rehabilitation – Residential, ST013, G.O. Bonds Issued

**CERTIFICATION OF COMPLETION:**

On March 22, 2021, under Roll Call No. 21-0512, the City Council awarded a contract to MPS Engineers, P.C. dba Kingston Services, P.C., Umesh G. Shetye, President, 1444 Illinois Street, Des Moines, IA 50314 for the construction of the following improvement:

2021 PCC Residential Paving Program, 062021004

The improvements include street reconstruction with twenty-seven (27) feet wide back-to-back Portland Cement Concrete (PCC) six (6) inches thick and integral curb, subbase, subdrain, subgrade treatment, grading, pavement removal, PCC driveways and sidewalk, storm sewer, retaining walls, traffic control, surface restoration, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 626-068/133, located at: Beckwith Avenue from 5th Avenue to 6th Avenue; 62nd Street from Grand Avenue to Walnut Hill Drive; Lincoln Place Drive from Mahaska Drive to 400 feet west, and driveway replacement at Fire Station No. 6 at 1919 SE 6th Street in Des Moines, Iowa

I hereby certify that the construction of said 2021 PCC Residential Paving Program, Activity ID 062021004, 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 14, 2021, and was completed on September 10, 2021.

I further certify that \$850,823.76 is the total cost of said improvement, of which \$825,299.05 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 \$25,524.71 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.

Steven L. Naber, P.E.  
Des Moines City Engineer

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ENGINEERING DEPARTMENT  
CITY OF DES MOINES, IOWA



**ESTIMATE OF CONSTRUCTION COMPLETED**  
FOR WORK DONE FROM 10/09/22 to 02/08/23  
**PARTIAL PAYMENT NO. 9 (FINAL)**

IDOT #: N/A  
ACTIVITY ID: 06-2021-004  
DATE: 2/10/2023

PROJECT: 2021 PCC RESIDENTIAL PAVING PROGRAM  
CONTRACTOR: MPS ENGINEERS, P.C. dba KINGSTON SERVICES, P.C.

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
1	Clearing and Grubbing	LS	1.00	1.00	1.00	0.00	\$ 12,000.00	\$12,000.00
2	Topsoil, Off-site	CY	325.00	409.00	409.00	0.00	\$ 36.00	\$14,724.00
3	Excavation, Class 10	CY	1,135.00	1,679.00	1,679.00	0.00	\$ 25.00	\$41,975.00
4	Subgrade Preparation, 6"	SY	4,350.00	3,490.00	3,490.00	0.00	\$ 5.00	\$17,450.00
5	Subgrade Treatment, Geogrid, Type 2	SY	4,350.00	2,554.00	2,554.00	0.00	\$ 4.25	\$10,854.50
6	Subbase, Modified Subbase, 8"	SY	3,660.00	3,622.03	3,622.03	0.00	\$ 14.00	\$50,708.42
7	Subbase, Class A Crushed Stone, 8"	SY	870.00	870.00	870.00	0.00	\$ 14.00	\$12,180.00
8	Subbase, Modified Subbase, Extra Depth	TON	200.00	0.00	0.00	0.00	\$ 20.00	\$0.00
9	Subbase, Class A Crushed Stone, Extra Depth	TON	30.00	0.00	0.00	0.00	\$ 20.00	\$0.00
10	Subbase, 3" Clean, Extra Depth	TON	230.00	718.72	718.72	0.00	\$ 20.00	\$14,374.40
11	Removal as per Plan	LS	1.00	1.00	1.00	0.00	\$ 4,200.00	\$4,200.00
12	Storm Sewer, Trenched, RCP, 15"	LF	178.00	178.00	178.00	0.00	\$ 112.00	\$19,936.00
13	Storm Sewer, Trenched, RCP, 18"	LF	24.00	59.00	59.00	0.00	\$ 124.00	\$7,316.00
14	Removal of Storm Sewer, Less Than 30" Diameter	LF	30.00	46.00	46.00	0.00	\$ 42.00	\$1,932.00
15	Subdrain, 6"	LF	2,091.00	2,048.00	2,048.00	0.00	\$ 19.50	\$39,936.00
16	Subdrain Cleanout, Type A-1, 6"	EA	4.00	0.00	0.00	0.00	\$ 400.00	\$0.00
17	Subdrain Outlets and Connections, CMP, 6"	EA	10.00	12.00	12.00	0.00	\$ 400.00	\$4,800.00
18	New Stop Box Housing	EA	1.00	0.00	0.00	0.00	\$ 400.00	\$0.00
19	New Stop Box Rod	EA	1.00	0.00	0.00	0.00	\$ 400.00	\$0.00
20	Manhole, SW-402, 40" X 40"	EA	1.00	1.00	1.00	0.00	\$ 5,250.00	\$5,250.00
21	Intake, SW-501	EA	2.00	2.00	2.00	0.00	\$ 4,200.00	\$8,400.00
22	Intake, SW-505	EA	2.00	2.00	2.00	0.00	\$ 6,200.00	\$12,400.00
23	Intake, SW-507	EA	1.00	1.00	1.00	0.00	\$ 7,000.00	\$7,000.00
24	Intake, SW-509	EA	1.00	1.00	1.00	0.00	\$ 10,200.00	\$10,200.00
25	Manhole Adjustment, Minor	EA	6.00	5.00	5.00	0.00	\$ 800.00	\$4,000.00
26	Intake Adjustment, Major	EA	1.00	3.00	3.00	0.00	\$ 1,800.00	\$5,400.00
27	Remove Intake or Manhole	EA	4.00	5.00	5.00	0.00	\$ 800.00	\$4,000.00
28	Pavement, PCC, 6"	SY	2,374.00	2,378.00	2,378.00	0.00	\$ 56.00	\$133,168.00
29	Pavement, PCC, 6" Doweled	SY	1,400.00	1,355.00	1,355.00	0.00	\$ 64.00	\$86,720.00
30	Removal of Sidewalk or Shared Use Path	SY	356.00	351.00	351.00	0.00	\$ 14.00	\$4,914.00
31	Removal of Driveway	SY	582.00	542.70	542.70	0.00	\$ 12.00	\$6,512.40
32	Shared Use Path, PCC, 6"	SY	231.00	231.00	231.00	0.00	\$ 64.00	\$14,784.00
33	Special Subgrade Preparation for Shared Use Path	SY	323.00	323.00	323.00	0.00	\$ 8.00	\$2,584.00
34	Sidewalk, PCC, 4"	SY	132.00	62.67	62.67	0.00	\$ 62.00	\$3,885.54
35	Sidewalk, PCC, 6"	SY	34.00	17.00	17.00	0.00	\$ 98.00	\$1,666.00

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
36	Detectable Warning, Cast Iron	SF	101.00	78.00	78.00	0.00	\$ 42.00	\$3,276.00
37	Driveway, Paved, PCC, 6"	SY	590.00	344.70	344.70	0.00	\$ 72.00	\$24,818.40
38	Driveway, Granular	TON	30.00	0.00	0.00	0.00	\$ 36.00	\$0.00
39	Driveway, Granular, HMA Millings	TON	6.00	0.00	0.00	0.00	\$ 42.00	\$0.00
40	Pavement Removal	SY	2,088.00	2,088.89	2,088.89	0.00	\$ 12.50	\$26,111.13
41	Pavement Removal, PCC	SY	168.00	164.13	164.13	0.00	\$ 12.50	\$2,051.62
42	Pavement Removal, Seal Coat	SY	1,600.00	1,600.00	1,600.00	0.00	\$ 5.00	\$8,000.00
43	Temporary Traffic Control	LS	1.00	1.00	1.00	0.00	\$ 6,000.00	\$6,000.00
44	Flaggers, Certified	DAY	6.00	0.00	0.00	0.00	\$ 250.00	\$0.00
45	Traffic Signs	SF	4.00	28.25	28.25	0.00	\$ 45.00	\$1,271.25
46	Sign Posts	EA	1.00	5.00	5.00	0.00	\$ 225.00	\$1,125.00
47	Remove and Reinstall Existing Sign and Post	EA	3.00	0.00	0.00	0.00	\$ 375.00	\$0.00
48	Hydraulic Seeding, Seeding, Fertilizing, and Mulching	AC	0.85	0.75	0.75	0.00	\$ 7,500.00	\$5,625.00
49	Filter Sock, 9"	LF	2,220.00	840.00	840.00	0.00	\$ 1.45	\$1,218.00
50	Filter Socks, Removal	LF	2,220.00	420.00	420.00	0.00	\$ 0.05	\$21.00
51	Inlet Protection Device	EA	5.00	9.00	9.00	0.00	\$ 195.00	\$1,755.00
52	Modular Block Retaining Wall	SF	600.00	756.00	756.00	0.00	\$ 32.00	\$24,192.00
53	Landscape Timbers	SF	25.00	0.00	0.00	0.00	\$ 42.00	\$0.00
54	Concrete Steps, Type B	SF	6.00	6.00	6.00	0.00	\$ 164.00	\$984.00
55	Mobilization	LS	1.00	1.00	1.00	0.00	\$ 78,000.00	\$78,000.00
56	Maintenance of Postal Service	LS	1.00	1.00	1.00	0.00	\$ 1,200.00	\$1,200.00
57	Maintenance of Solid Waste Collection	LS	1.00	1.00	1.00	0.00	\$ 3,500.00	\$3,500.00
58	Temporary Granular Sidewalk	SY	195.00	195.00	195.00	0.00	\$ 8.00	\$1,560.00
59	Concrete Washout	LS	1.00	1.00	1.00	0.00	\$ 2,250.00	\$2,250.00
60	Tree Protection Fence, 4'	LF	475.00	125.00	125.00	0.00	\$ 2.00	\$250.00
	<b>Change Order Items</b>							
1001.00	Driveway, Paved, PCC, 10"	SY	0.00	188.70	188.70	0.00	\$ 118.00	\$22,266.60
2001.00	Sewer Repair (62nd Street)	LS	0.00	1.00	1.00	0.00	\$ 21,832.00	\$21,832.00
3001.00	Combination Concrete Sidewalk and Retaining Wall	CY	0.00	28.00	28.00	0.00	\$ 1,316.00	\$36,848.00
3002.00	Timber Wall Removal and Rock Salvage	LS	0.00	1.00	1.00	0.00	\$ 1,690.00	\$1,690.00
3003.00	Root Pruning and Root Treatment	LS	0.00	1.00	1.00	0.00	\$ 660.00	\$660.00
4001.00	Black Vinyl-Coated Chain Link Fence	LS	0.00	1.00	1.00	0.00	\$ 7,408.50	\$7,408.50
4002.00	Sod	SQ	0.00	10.40	10.40	0.00	\$ 350.00	\$3,640.00

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
	ORIGINAL CONTRACT AMOUNT		\$	769,583.00				
	TOTAL CHANGE ORDERS		\$	81,240.76				
	ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$	850,823.76				
	PARTIAL PAYMENT NO. 1		\$	29,034.82				
	PARTIAL PAYMENT NO. 2		\$	60,983.90				
	PARTIAL PAYMENT NO. 3		\$	98,446.49				
	PARTIAL PAYMENT NO. 4		\$	218,782.82				
	PARTIAL PAYMENT NO. 5		\$	208,824.75				
	PARTIAL PAYMENT NO. 6		\$	161,540.31				
	PARTIAL PAYMENT NO. 7		\$	32,910.68				
	PARTIAL PAYMENT NO. 8		\$	14,775.28				
	THIS PARTIAL PAYMENT		\$	-				
	TOTAL PARTIAL PAYMENTS		\$	825,299.05				
	BALANCE		\$	25,524.71				
	APPROXIMATE PERCENT COMPLETE			100.0%				

PREPARED BY:

*Ryan Cloonan*

Project Inspector

CHECKED BY:

*[Signature]*

Project Engineer

TOTAL	\$ 850,823.76
RETAINAGE	\$ 25,524.71
TOTAL LESS RETAINAGE	\$ 825,299.05
LESS PREVIOUS PAYMENT	\$ 825,299.05
AMOUNT DUE	\$ -

PARTIAL PAYMENT NO. 9 (FINAL)