



10D

Date January 08, 2024

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 2022 HMA RESIDENTIAL PAVING PROGRAM CONTRACT 1, GRIMES ASPHALT AND PAVING CORPORATION

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 2022 HMA Residential Paving Program Contract 1, 062022013, in accordance with the contract approved between Grimes Asphalt and Paving Corporation, Timothy Mallicoat, President, 5550 NE 22nd Street, Des Moines, IA, 50313, under Roll Call No. 22-0640, of April 18, 2022, 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 \$1,383,535.64 is the total cost, of which \$1,342,029.57 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 \$41,506.07 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:

s/Kathleen Vanderpool

Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance



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

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

MOTION CARRIED

APPROVED

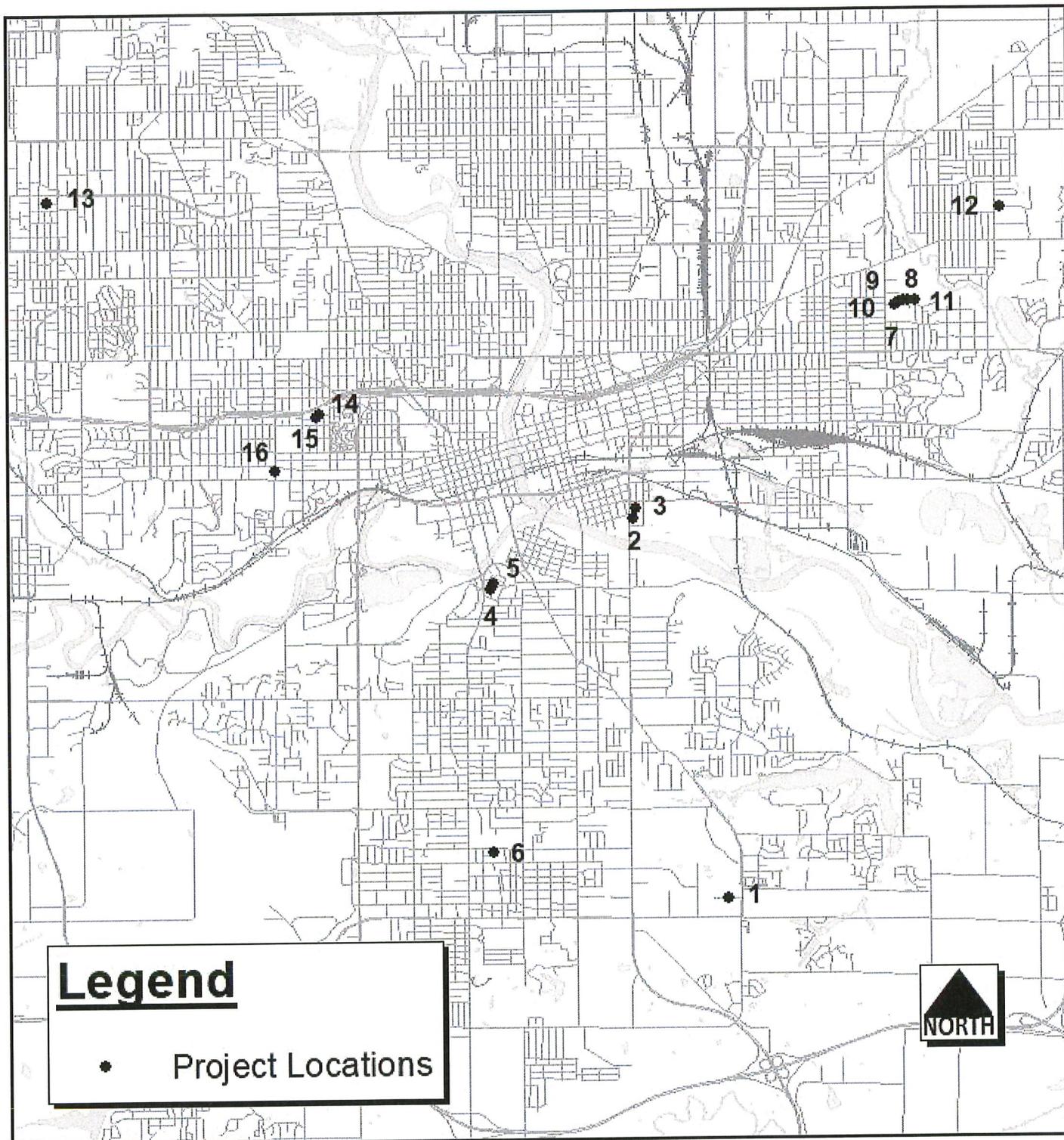
CERTIFICATE

I, Laura Baumgartner, 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



1. E Leland Ave - Indinaola Ave to Dead End West (FY23)
2. E. Railroad Ave - SE 14th St to SE 14th Ct
3. SE 14th Ct - E Railroad to Maury St
4. Hillside Ave - SW 9th St to Bancroft St
5. Irving St - Homes St to Bancroft St
6. SW 5th St - Cutler Ave to Kenyon Ave
7. Kinsey Ave - E 33rd St to E 35th St
8. E 35th St - Kinsey to Dead End North
9. Eastwood Drive - E 34th St to E 35th St
10. E 34th St - Kinsey to Eastwood Drive
11. E 36th St - Kinsey Ave to DE North
12. E Sheridan Ave - E 42nd St to 4233 E Sheridan Ave
13. Snyder Ave - Merle Hay Rd to 61st St
14. Rollins Ave - 25th St to 26th St
15. 26th St - Rollins Ave (North) to Rollins Ave (South)
16. 31st St - Grand Ave to 532 31st St



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PROJECT SUMMARY

2022 HMA Residential Paving Program Contract 1

Activity ID 062022013

On April 18, 2022, under Roll Call No. 22-0640, the Council awarded the contract for the above improvements to Grimes Asphalt and Paving Corporation, in the amount of \$1,054,288.50. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	11/17/2022 Added removal and replacement of retaining wall at Hubbell Avenue and E. 46th Street.	\$8,800.00
2	City	1/31/2023 Added major adjustment of storm sewer intake, and removal and replacement of sidewalks and ADA ramp at southeast corner of Polk Blvd. and Center Street.	\$19,560.00
3	City	2/23/2023 Added removal and replacement of HMA Pavements and subgrade materials for 29th Street and Easton Boulevard repair.	\$16,589.00
4	City	4/26/2023 Replace HMA pavements on MSC II private railroad crossing.	\$6,600.00
5	City	9/6/2023 Added replacement of railroad crossing tracks, and adjusted quantities to match as-built quantities.	\$94,761.51
6	City	9/29/2023 Added temporary seeding and hydromulch, replacement of railroad crossing tracks, and adjusted quantities to match as-built quantities.	\$98,721.17
7	City	10/12/2023 Added flaggers, wall footing extension, replacement of fences and gates, 9 inch thick reinforced PCC pavement slab, replacement of SE Leland culvert, intermediate completion liquidated damages, upgraded 31st Street asphalt binders to high traffic (HT), and asphalt truck load reductions. Adjusted quantities to match as-built quantities.	\$84,215.46
Original Contract Amount			\$1,054,288.50
Total Change Orders			\$329,247.14
Percent of Change Orders to Original Contract			31.23%
Total Contract Amount			\$1,383,535.64



10D

January 8, 2024

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the 2022 HMA Residential Paving Program Contract 1, Grimes Asphalt and Paving Corporation.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$1,383,535.64 As-Built Contract Cost
Funding Source: 2023-24 CIP, Page 112, Roadway Rehabilitation – Residential, ST013, G.O. Bonds

CERTIFICATION OF COMPLETION:

On April 18, 2022, under Roll Call No. 22-0640, the City Council awarded a contract to Grimes Asphalt and Paving Corporation, Timothy Mallicoat, President, 5550 NE 22nd Street, Des Moines, IA 50313 for the construction of the following improvement:

2022 HMA Residential Paving Program Contract 1, 062022013

The improvements include furnishing labor, equipment, and materials for the removal of existing Hot Mix Asphalt (HMA) pavement and surfacing materials by milling/scarifying to an average depth of four (4) inches, prepare subgrade/subbase, reconstruct with four (4) inches of HMA pavement with two (2) lifts, replace sections of Portland Cement Concrete (PCC) curb and gutter, and replace existing sidewalk ramps with ADA compliant ramps; all in accordance with the contract documents and as directed by the engineer at the following locations within the City of Des Moines, Iowa:

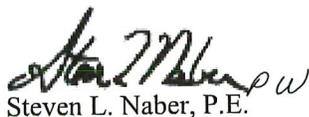
- E. Leland Avenue from Indianola Avenue to dead end west
- E. Railroad Avenue from S.E. 14th Street to S.E. 14th Court
- S.E. 14th Court from E. Railroad to Maury Street
- Hillside Avenue from S.W. 9th Street to Bancroft Street
- Irving Street from Homes Street to Bancroft Street
- S.W. 5th Street from Cutler Avenue to Kenyon Avenue
- Kinsey Avenue from E. 33rd Street to E. 35th Street
- E. 35th Street from Kinsey Avenue to dead end north
- Eastwood Drive from E. 34th Street to E. 35th Street
- E. 34th Street from Kinsey Avenue to Eastwood Drive
- E. 36th Street from Kinsey Avenue to dead end north
- E. Sheridan Avenue from E. 42nd Street to 4233 E. Sheridan Avenue
- Snyder Avenue from Merle Hay Road to 61st Street
- Rollins Avenue from 25th Street to 26th Street
- 26th Street from Rollins Avenue (north) to Rollins Avenue (south)

The improvements include furnishing labor, equipment, and materials for the removal of existing Hot Mix Asphalt (HMA) pavement and surfacing materials by milling/scarifying to an average depth of six (6) inches, prepare subgrade/subbase, reconstruct with six (6) inches HMA pavement with two (2) lifts, and replace sections of Portland Cement Concrete (PCC) curb and gutter; all in accordance with the contract documents and as directed by the engineer at the following sites within the City of Des Moines, Iowa:

31st Street from Grand Avenue to 532 31st Street

I hereby certify that the construction of said 2022 HMA Residential Paving Program Contract 1, Activity ID 062022013, 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 20, 2022, and was completed on December 15, 2023.

I further certify that \$1,383,535.64 is the total cost of said improvement, of which \$1,342,029.57 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 \$41,506.07 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 08/01/2023 to 08/03/2023
FINAL PAYMENT (PARTIAL PAYMENT NO. 8)

PROJECT: 2022 HMA RESIDENTIAL PAVING - CONTRACT 1
CONTRACTOR: Grimes Asphalt and Paving Corporation

ACTIVITY ID: 06-2022-013
DATE: 12/15/2023

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
1	GRANULAR STABILIZATION, MODIFIED SUBBASE	TON	1,030.00	414.77	414.77	0.00	\$ 47.00	\$19,494.19
2	GRANULAR STABILIZATION, 3" CLEAN CRUSHED STONE	TON	40.00	382.67	382.67	0.00	\$ 68.00	\$26,021.56
3	SUBGRADE TREATMENT - GEOGRID, TYPE 2	SY	1,470.00	1,295.89	1,295.89	0.00	\$ 4.00	\$5,183.56
4	NEW STOP BOX HOUSING	EA	4.00	0.00	0.00	0.00	\$ 1,200.00	\$0.00
5	NEW STOP BOX ROD	EA	4.00	0.00	0.00	0.00	\$ 1,100.00	\$0.00
6	MANHOLE ADJUSTMENT, MINOR, WITH BOXOUT	EA	16.00	19.00	19.00	0.00	\$ 2,100.00	\$39,900.00
7	CURB AND GUTTER 2' PCC	LF	2,234.00	3,192.37	3,192.37	0.00	\$ 40.50	\$129,290.99
8	HMA STANDARD TRAFFIC (ST) SURFACE, 1/2" MIX, NO FRIC, PG 58-	TON	4,442.00	3,348.48	3,348.48	0.00	\$ 96.50	\$323,128.32
9	HMA STANDARD TRAFFIC (ST) BASE, 3/4" MIX, NO FRIC, PG 58-28S	TON	453.00	0.00	0.00	0.00	\$ 87.50	\$0.00
10	REMOVAL OF DRIVEWAY	SY	300.00	709.50	709.50	0.00	\$ 40.00	\$28,380.00
11	DETECTABLE WARNING DEVICES, CAST IRON	SF	80.00	95.80	95.80	0.00	\$ 67.00	\$6,418.60
12	DRIVEWAY, PAVED, PCC, 6"	SY	300.00	709.50	709.50	0.00	\$ 100.00	\$70,950.00
13	MILLING, 4" AVERAGE DEPTH	SY	19,692.00	17,602.46	17,602.46	0.00	\$ 5.50	\$96,813.53
14	MILLING, 6" AVERAGE DEPTH	SY	2,084.00	1,549.20	1,549.20	0.00	\$ 6.00	\$9,295.20
15	REMOVE CURB AND GUTTER 2' PCC	LF	2,234.00	3,157.30	3,157.30	0.00	\$ 25.00	\$78,932.50
16	TRAFFIC CONTROL	LS	1.00	1.00	1.00	0.00	\$ 23,250.00	\$23,250.00
17	CHAIN LINK FENCE, GALVANIZED, 48 IN.	LF	20.00	0.00	0.00	0.00	\$ 66.00	\$0.00
18	REMOVAL OF FENCE	LF	25.00	0.00	0.00	0.00	\$ 17.00	\$0.00
19	MOBILIZATION	LS	1.00	1.00	1.00	0.00	\$ 31,450.00	\$31,450.00
20	SUBGRADE TREATMENT - CEMENT	TON	100.00	0.00	0.00	0.00	\$ 367.00	\$0.00
21	SUBGRADE TREATMENT - CEMENT - MOBILIZATION	EA	1.00	0.00	0.00	0.00	\$ 8,900.00	\$0.00
22	UTILITY POTHOLING	EA	36.00	0.00	0.00	0.00	\$ 250.00	\$0.00
23	SIDEWALK, 4" PCC CLASS 'B', REMOVE AND REPLACE	SY	68.00	69.00	69.00	0.00	\$ 143.00	\$9,867.00
24	SIDEWALK, ADA COMPLIANT RAMP, 6" PCC, REMOVE AND REPLACE	SY	68.00	67.90	67.90	0.00	\$ 216.00	\$14,666.40
25	SIDEWALK AT DRIVEWAY, 6" PCC, REMOVE AND REPLACE	SY	20.00	1.80	1.80	0.00	\$ 120.00	\$216.00
26	SIDEWALK, 7" PCC THROUGH ALLEY, REMOVE AND REPLACE	SY	28.00	20.70	20.70	0.00	\$ 180.00	\$3,726.00
27	TREE PROTECTION FENCE, 4' HIGH	LF	200.00	0.00	0.00	0.00	\$ 6.00	\$0.00
28	TREE ROOT GRINDING	EA	6.00	0.00	0.00	0.00	\$ 222.00	\$0.00
29	SOD, NURSERY IN PLACE	SQ	12.00	0.00	0.00	0.00	\$ 450.00	\$0.00
30	HYDRAULIC SEEDING	SQ	12.00	0.00	0.00	0.00	\$ 450.00	\$0.00
31	TRAFFIC CONTROL SIGN, REMOVE AND REPLACE	EA	2.00	0.00	0.00	0.00	\$ 611.00	\$0.00
32	LOOP DETECTOR, REPLACEMENT, 6'x8'	EA	4.00	0.00	0.00	0.00	\$ 1,560.00	\$0.00
33	LOOP DETECTOR, REPLACEMENT, 6'x20'	EA	4.00	2.00	2.00	0.00	\$ 2,000.00	\$4,000.00
	Change Order Items							

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ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
1001	Replacement of Retaining Wall at Hubbell Ave & E 46th St	LS	0.00	1.00	1.00	0.00	\$ 8,800.00	\$8,800.00
2001	Temporary Traffic Control & Winter Protection at Polk & Center	LS	0.00	1.00	1.00	0.00	\$ 2,588.00	\$2,588.00
2002	Storm Sewer Intake SW-508, Major Adjustment	LS	0.00	1.00	1.00	0.00	\$ 9,000.00	\$9,000.00
2003	PCC Removals at Polk Blvd & Center St.	SY	0.00	25.00	25.00	0.00	\$ 48.00	\$1,200.00
2004	Saw Cutting at Polk Blvd & Center St.	LF	0.00	54.00	54.00	0.00	\$ 5.00	\$270.00
3001	HMA Pavt & Subgrade Removal and Disposal - 29th St & Easton Blvd	LS	0.00	1.00	1.00	0.00	\$ 7,000.00	\$7,000.00
3002	Temp Traffic Control, Flaggers, Testing - 29th St & Easton Blvd	LS	0.00	1.00	1.00	0.00	\$ 2,321.00	\$2,321.00
4001	Replace HMA Pavements on MSC II Private RR Crossing	LS	0.00	1.00	1.00	0.00	\$ 6,600.00	\$6,600.00
5001	Replace SE 18th St RR Crossing Tracks 6 & 7 with Track, Rubber Surf	EA	0.00	2.00	2.00	0.00	\$ 68,614.30	\$137,228.60
6001	Replace SE 18th St RR Crossing Track 5 with Track, Rubber Surface	EA	0.00	1.00	1.00	0.00	\$ 58,723.30	\$58,723.30
6002	SE 18th Street RR Crossing Track 4 with Rubber Surface	EA	0.00	1.00	1.00	0.00	\$ 6,655.00	\$6,655.00
6003	Temporary Seeding and Hydromulch	LS	0.00	1.00	1.00	0.00	\$ 2,500.00	\$2,500.00
7001	Intermediate Completion Liquidated Damages	DAY	0.00	9.00	9.00	0.00	\$ (500.00)	(\$4,500.00)
7002	3904 SW 9th St - Remove and Replace Fences, Including Gates	LS	0.00	1.00	1.00	0.00	\$ 13,563.00	\$13,563.00
7003	3904 SW 9th St - Wall Footing Extension	LS	0.00	1.00	1.00	0.00	\$ 16,830.55	\$16,830.55
7004	Kinsey & E 35th St - Reinforced 9" PCC Slab with Special Shaping	SY	0.00	87.40	87.40	0.00	\$ 150.00	\$13,110.00
7005	SE Leland - Remove and Replace Storm Culvert, Including Street Rep	LS	0.00	1.00	1.00	0.00	\$ 11,770.00	\$11,770.00
7006	Flaggers	DAY	0.00	9.00	9.00	0.00	\$ 550.00	\$4,950.00
7007	31st St - HMA STANDARD TRAFFIC (HT) SURFACE, 1/2" MIX, NO FRIC	TON	0.00	120.41	120.41	0.00	\$ 106.55	\$12,829.69
7008	31st St - HMA STANDARD TRAFFIC (HT) BASE, 3/4" MIX, NO FRIC, PC	TON	0.00	284.66	284.66	0.00	\$ 97.86	\$27,856.83
7009	HMA STANDARD TRAFFIC (ST) SURFACE - Truck Load Reduction Rate	TON	0.00	1,221.08	1,221.08	0.00	\$ 100.94	\$123,255.82
ORIGINAL CONTRACT AMOUNT			\$	1,054,288.50				
TOTAL CHANGE ORDERS			\$	329,247.14				
ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$	1,383,535.64				
PARTIAL PAYMENT NO. 1			\$	35,682.90				
PARTIAL PAYMENT NO. 2			\$	18,973.20				
PARTIAL PAYMENT NO. 3			\$	16,091.33				
PARTIAL PAYMENT NO. 4			\$	493,228.18				
PARTIAL PAYMENT NO. 5			\$	502,133.59				
PARTIAL PAYMENT NO. 6			\$	192,328.59				
PARTIAL PAYMENT NO. 7			\$	83,591.78				
THIS PARTIAL PAYMENT			\$	-				
TOTAL PARTIAL PAYMENTS			\$	1,342,029.57				
BALANCE			\$	41,506.07				

TOTAL	\$1,383,535.64
RETAINAGE	\$ 41,506.07
TOTAL LESS RETAINAGE	\$ 1,342,029.57
LESS PREVIOUS PAYMENT	\$ 1,342,029.57
AMOUNT DUE	\$ -

FINAL PAYMENT (PARTIAL PAYMENT NO. 8)

PREPARED BY: Andy Williamson
Project Inspector

CHECKED BY: Joseph A. Eddy
Project Engineer