



Roll Call Number

Agenda Item Number

13 B

DATE February 21, 2022

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT
FOR FRANKLIN AVENUE RESURFACING FROM 48TH STREET TO MERLE HAY ROAD,
INROADS, LLC**

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 Franklin Avenue Resurfacing from 48th Street to Merle Hay Road, 062020014, in accordance with the contract approved between InRoads, LLC, Joseph J. Manatt, CEO, 4224 Hubbell Avenue, Des Moines, IA 50317, under Roll Call No. 20-1170, of July 13, 2020, 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 \$1,587,113.15 is the total cost, of which \$1,539,499.76 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 \$47,613.39 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 Director of Finance 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

sl Kathleen Vanderpool

Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

BB

SLN
PW

Funding Source: 2021-2022 CIP, Page 137, Franklin Ave - Beaver Ave to Merle Hay Road, ST286, Being:

\$587,113.15 in G.O. Bonds to be issued, \$550,000 in G.O. bonds transferred from ST013 - Public Works - Asphalt Improvements, \$100,000 of Storm Water Utility Funds, \$75,000 in G.O. bonds transferred from SW081 - Sidewalks - School and Priority Routes, and the remaining \$275,000 in G.O. bonds transferred from ST269 - Active Transportation



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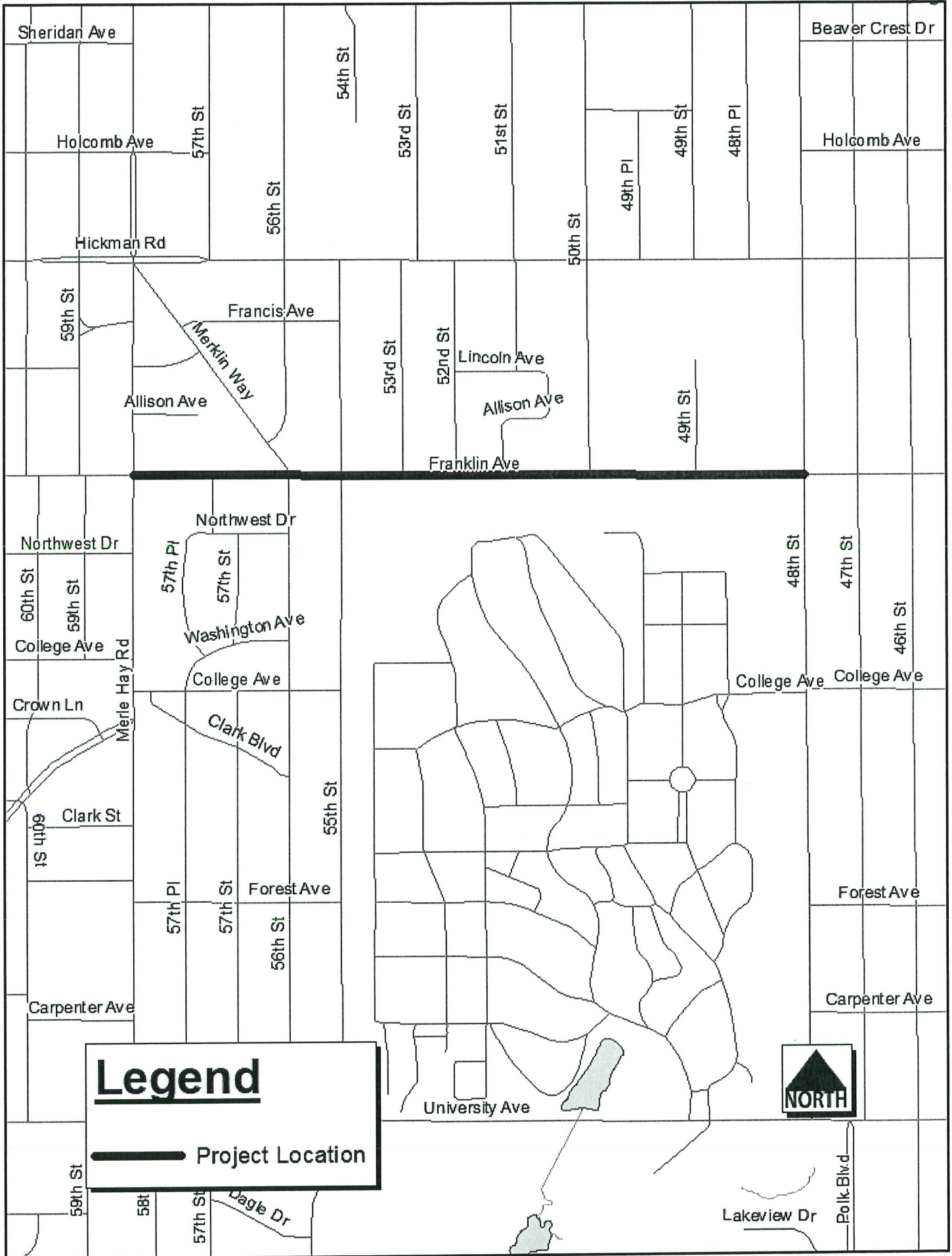
COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
GATTO				
MANDELBAUM				
SHEUMAKER				
VOSS				
WESTERGAARD				
TOTAL				
MOTION CARRIED			APPROVED	

I, P. Kay Cmelik, 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.

Mayor

City Clerk



PROJECT SUMMARY

Franklin Avenue Resurfacing from 48th Street to Merle Hay Road

Activity ID 062020014

On July 13, 2020, under Roll Call No. 20-1170, the Council awarded the contract for the above improvements to InRoads, LLC, in the amount of \$1,548,220.35. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	10/2/2020 Add items for Temp Rock Surfacing, HMA Surface Patching, and Geogrid.	\$12,450.00
2	Engineering	12/22/2020 Add item for pipe removal, liquidated damages and Upgrade Concrete Mix.	\$9,336.20
3	Engineering	10/12/2021 Adjust contract quantities to match as-built quantities and add some additional driveway work.	\$12,636.83
4	Engineering	1/11/2022 Adjust contract quantities to match as-built quantities.	\$4,469.77
Original Contract Amount			\$1,548,220.35
Total Change Orders			\$38,892.80
Percent of Change Orders to Original Contract			2.51%
Total Contract Amount			\$1,587,113.15



February 21, 2022

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Franklin Avenue Resurfacing from 48th Street to Merle Hay Road, InRoads, LLC.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$1,587,113.15 As-Built Contract Cost

Funding Source: 2021-2022 CIP, Page 137, Franklin Ave - Beaver Ave to Merle Hay Road, ST286, Being: \$587,113.15 in G.O. Bonds to be issued, \$550,000 in G.O. bonds transferred from ST013 - Public Works - Asphalt Improvements, \$100,000 of Storm Water Utility Funds, \$75,000 in G.O. bonds transferred from SW081 - Sidewalks - School and Priority Routes, and the remaining \$275,000 in G.O. bonds transferred from ST269 - Active Transportation

CERTIFICATION OF COMPLETION:

On July 13, 2020, under Roll Call No. 20-1170, the City Council awarded a contract to InRoads, LLC, Joseph J. Manatt, CEO, 4224 Hubbell Avenue, Des Moines, IA 50317 for the construction of the following improvement:

Franklin Avenue Resurfacing from 48th Street to Merle Hay Road, 062020014

The improvement includes pavement scarification, pavement removal, Hot Mix Asphalt (HMA) paving, Portland Cement Concrete (PCC) parking bump-outs, PCC sidewalks and driveways, detectable warnings, pavement markings, surface restoration, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 619-048/135, located on Franklin Avenue from Beaver Avenue to Merle Hay Road, Des Moines, Iowa

I hereby certify that the construction of said Franklin Avenue Resurfacing from 48th Street to Merle Hay Road, Activity ID 062020014, 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 August 29, 2020, and was completed on December 21, 2021.

I further certify that \$1,587,113.15 is the total cost of said improvement, of which \$1,539,499.76 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 \$47,613.39 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

**ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA**



**ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 01/13/22 to 01/27/22
FINAL PAYMENT (Partial Payment NO. 8)**

IDOT #: 0
ACTIVITY ID: 06-2020-014
DATE: 1/27/2022

PROJECT: FRANKLIN AVENUE RESURFACING FROM 48TH STREET TO MERLE HAY ROAD
CONTRACTOR: InRoads

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	\$ 5,000.00	\$5,000.00
2	TOPSOIL, FURNISH	CY	800.00	285.00	285.00	0.00	\$ 33.00	\$9,405.00
3	EXCAVATION, CLASS 13	CY	2,000.00	1,746.18	1,746.18	0.00	\$ 17.50	\$30,558.15
4	SUBGRADE PREPARATION	SY	9,360.00	1,817.77	1,817.77	0.00	\$ 3.50	\$6,362.20
5	SUBGRADE TREATMENT, FLYASH	TON	85.00	0.00	0.00	0.00	\$ 606.00	\$0.00
6	SUBBASE, 6" MODIFIED	SY	3,120.00	9,682.46	9,682.46	0.00	\$ 10.00	\$96,824.60
7	EXPLORATORY EXCAVATION	EA	5.00	0.00	0.00	0.00	\$ 1,600.00	\$0.00
8	STORM SEWER, TRENCHED, RCP, 18"	LF	59.00	59.00	59.00	0.00	\$ 50.00	\$2,950.00
9	STORM SEWER, TRENCHED, RCP, 24"	LF	508.00	494.00	494.00	0.00	\$ 60.00	\$29,640.00
10	CONNECT TO STORM SEWER	EA	2.00	5.00	5.00	0.00	\$ 1,900.00	\$9,500.00
11	SUBDRAIN, 6"	LF	300.00	0.00	0.00	0.00	\$ 14.25	\$0.00
12	SUBDRAIN OUTLETS AND CONNECTIONS, 6"	EA	4.00	0.00	0.00	0.00	\$ 375.00	\$0.00
13	STORM MANHOLE, SW-401, 48"	EA	1.00	1.00	1.00	0.00	\$ 3,800.00	\$3,800.00
14	STORM MANHOLE, SW-401, 60"	EA	2.00	2.00	2.00	0.00	\$ 4,900.00	\$9,800.00
15	INTAKE, SW-505	EA	1.00	0.00	0.00	0.00	\$ 9,400.00	\$0.00
16	INTAKE, SW-508	EA	3.00	3.00	3.00	0.00	\$ 10,500.00	\$31,500.00
17	INTAKE, SW-541	EA	8.00	7.00	7.00	0.00	\$ 13,100.00	\$91,700.00
18	MANHOLE ADJUSTMENT, MINOR	EA	12.00	12.00	12.00	0.00	\$ 1,700.00	\$20,400.00
19	CONNECTION TO EXISTING MANHOLE	EA	1.00	1.00	1.00	0.00	\$ 2,550.00	\$2,550.00
20	REMOVE MANHOLE	EA	2.00	2.00	2.00	0.00	\$ 2,050.00	\$4,100.00
21	REMOVE INTAKE	EA	8.00	7.00	7.00	0.00	\$ 1,300.00	\$9,100.00
22	CURB AND GUTTER, 1.5' WIDE, 4 IN CURB	LF	3,290.00	3,523.00	3,523.00	0.00	\$ 25.50	\$89,836.50
23	CURB AND GUTTER, 1.5' WIDE, 6 IN CURB	LF	2,390.00	2,539.10	2,539.10	0.00	\$ 25.50	\$64,747.05
24	HMA HT BASE, ¾" MIX, PG 58-28S	TON	3,275.00	3,074.81	3,074.81	0.00	\$ 78.00	\$239,835.18
25	HMA HT SURFACE, ½" MIX, NO FRIC, PG 58-28H	TON	2,400.00	2,645.94	2,645.94	0.00	\$ 80.00	\$211,675.20
26	REMOVAL OF SIDEWALK	SY	275.00	260.96	260.96	0.00	\$ 16.50	\$4,305.84
27	REMOVAL OF DRIVEWAY	SY	720.00	801.02	801.02	0.00	\$ 26.00	\$20,826.52
28	SIDEWALK, PCC, 4"	SY	285.00	190.60	190.60	0.00	\$ 90.00	\$17,154.00
29	SIDEWALK, PCC, 6"	SY	135.00	197.70	197.70	0.00	\$ 100.00	\$19,770.00
30	DETECTABLE WARNING	SF	308.00	260.00	260.00	0.00	\$ 45.00	\$11,700.00
31	DRIVEWAY, PAVED, PCC, 6"	SY	636.00	707.02	707.02	0.00	\$ 62.00	\$43,835.24
32	FULL DEPTH PATCHES, HMA	SY	190.00	308.99	308.99	0.00	\$ 81.00	\$25,028.19
33	MILLING	SY	17,587.00	20,998.52	20,998.52	0.00	\$ 3.50	\$73,494.82
34	PAVEMENT REMOVAL	SY	2,675.00	2,913.54	2,913.54	0.00	\$ 15.00	\$43,703.10
35	CURB AND GUTTER REMOVAL	LF	1,250.00	1,073.40	1,073.40	0.00	\$ 6.50	\$6,977.10

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ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
36	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	STA	653.00	628.67	628.67	0.00	\$ 26.00	\$16,345.42
37	DURABLE PAVEMENT MARKINGS, EPOXY	STA	38.00	32.67	32.67	0.00	\$ 361.00	\$11,793.87
38	PAINTED SYMBOLS AND LEGENDS, DURABLE	EA	58.00	36.00	36.00	0.00	\$ 210.00	\$7,560.00
39	TEMPORARY PAVEMENT MARKINGS	STA	250.00	341.24	341.24	0.00	\$ 42.50	\$14,502.70
40	GROOVES CUT FOR PAVEMENT MARKINGS	STA	55.00	32.67	32.67	0.00	\$ 105.00	\$3,430.35
41	GROOVES CUT FOR SYMBOLS AND LEGENDS	EA	58.00	36.00	36.00	0.00	\$ 165.00	\$5,940.00
42	TYPE A SIGN, SHEET ALUMINUM	SF	115.00	219.33	219.33	0.00	\$ 21.00	\$4,605.93
43	BREAKAWAY SIGN POSTS	EA	34.00	35.00	35.00	0.00	\$ 206.00	\$7,210.00
44	REMOVE AND REINSTALL SIGNS	EA	53.00	49.00	49.00	0.00	\$ 145.00	\$7,105.00
45	TEMPORARY TRAFFIC CONTROL	LS	1.00	1.00	1.00	0.00	\$ 88,000.00	\$88,000.00
46	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	AC	0.70	0.68	0.68	0.00	\$ 8,755.00	\$5,953.40
47	STORMWATER POLLUTION PREVENTION	LS	1.00	1.00	1.00	0.00	\$ 3,100.00	\$3,100.00
48	EROSION CONTROL MULCHING, HYDROMULCHING	AC	0.70	0.68	0.68	0.00	\$ 2,225.00	\$1,513.00
49	INLET PROTECTION DEVICE, DROP IN PROTECTION, INSTALL, MAINT	EA	15.00	10.00	10.00	0.00	\$ 181.00	\$1,810.00
50	MODULAR BLOCK RETAINING WALL	SF	150.00	232.00	232.00	0.00	\$ 40.00	\$9,280.00
51	MOBILIZATION	LS	1.00	1.00	1.00	0.00	\$ 88,000.00	\$88,000.00
52	CONCRETE WASHOUT	LS	1.00	1.00	1.00	0.00	\$ 2,060.00	\$2,060.00
53	TREE PROTECTION FENCING	LF	615.00	133.00	133.00	0.00	\$ 3.09	\$410.97
	Change Order Items							
1001.00	TEMPORARY ROCK SURFACING	TON	0.00	120.95	120.95	0.00	\$ 29.15	\$3,525.69
1002.00	HMA SURFACE PATCHING	TON	0.00	133.34	133.34	0.00	\$ 310.00	\$41,335.40
1003.00	SUBGRADE TREATMENT, GEOGRID, TYPE 2	SY	0.00	3,012.99	3,012.99	0.00	\$ 6.05	\$18,228.59
2001.00	REMOVAL OF STORM SEWER, <30" DIAMETER	LF	0.00	508.00	508.00	0.00	\$ 26.40	\$13,411.20
2002.00	LIQUIDATED DAMAGES - ROADWAY WORK	CDAY	0.00	39.00	39.00	0.00	\$ (500.00)	(\$19,500.00)
2003.00	LIQUIDATED DAMAGES - DRIVEWAYS & SIDEWALKS	CDAY	0.00	7.00	7.00	0.00	\$ (500.00)	(\$3,500.00)
2004.00	UPGRADE CONCRETE MIX, EARLY STRENGTH	CY	0.00	55.00	55.00	0.00	\$ 35.00	\$1,925.00
3001.00	8" PCC DRIVEWAY	SY	0.00	75.54	75.54	0.00	\$ 75.35	\$5,691.94
3002.00	MOBILIZATION/ TRAFFIC CONTROL FOR EXTRA WORK	LS	0.00	1.00	1.00	0.00	\$ 2,550.00	\$2,550.00
3003.00	WEED CONTROL/MOWING	EACH	0.00	2.00	2.00	0.00	\$ 440.00	\$880.00
3004.00	8" PCC INTAKE PAVEMENT	SY	0.00	43.70	43.70	0.00	\$ 180.00	\$7,866.00
	ORIGINAL CONTRACT AMOUNT		\$ 1,548,220.35					
	TOTAL CHANGE ORDERS		\$ 38,892.80					
	ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$ 1,587,113.15					
	PARTIAL PAYMENT #1		\$ 120,657.56					
	PARTIAL PAYMENT #2		\$ 477,213.57					
	PARTIAL PAYMENT #3		\$ 669,868.52					
	PARTIAL PAYMENT #4		\$ 42,249.03					
	PARTIAL PAYMENT #5		\$ 127,696.43					
	PARTIAL PAYMENT #6		\$ 64,421.75					
	PARTIAL PAYMENT #7		\$ 37,392.90					
	THIS PARTIAL PAYMENT		\$ -					

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
	TOTAL PARTIAL PAYMENTS		\$ 1,539,499.76				
	BALANCE		\$ 47,613.39				
	APPROXIMATE PERCENT COMPLETE		100.0%				

PREPARED BY:

Paul Prentice

Project Inspector

CHECKED BY:

Matthew D Beckner

Project Engineer

TOTAL	\$1,587,113.15
RETAINAGE	\$ 47,613.39
TOTAL LESS RETAINAGE	\$ 1,539,499.76
LESS PREVIOUS PAYMENT	\$ 1,539,499.76
AMOUNT DUE	\$ -

FINAL PAYMENT (Partial Payment NO. 8)