



Roll Call Number

Agenda Item Number

13 A

DATE October 19, 2020

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR MERLE HAY ROAD AND HICKMAN ROAD INTERSECTION IMPROVEMENTS, 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 Merle Hay Road and Hickman Road Intersection Improvements, 062018010, in accordance with the contract approved between Minturn, Inc., Clinton M. Rhoads, President, 144 W. Front Street, Brooklyn, IA 52211, under Roll Call No. 19-0845, of May 20, 2019, 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 \$915,415.55 is the total cost, of which \$887,953.08 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 \$27,462.47 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.

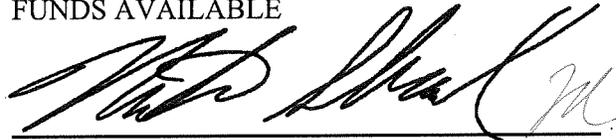
BE IT FURTHER RESOLVED: That the Director of Finance be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE





Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

SLN Funding Source: 2020-2021 CIP, Page Street - 27, Merle Hay Road and Hickman Intersection, ST272, Being: \$200,000 (maximum) in Urban-State Traffic Engineering Program (U-STEP) funds being 55% eligible construction under UST-006-4(187)--4A-77); \$27,379.00 Storm Water Utility Funds, \$61,624.80 in G.O. bonds transferred from SW084; and the remaining \$626,411.75 G.O. Bonds

UST-006-4(187)--4A-77

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

MOTION CARRIED

APPROVED

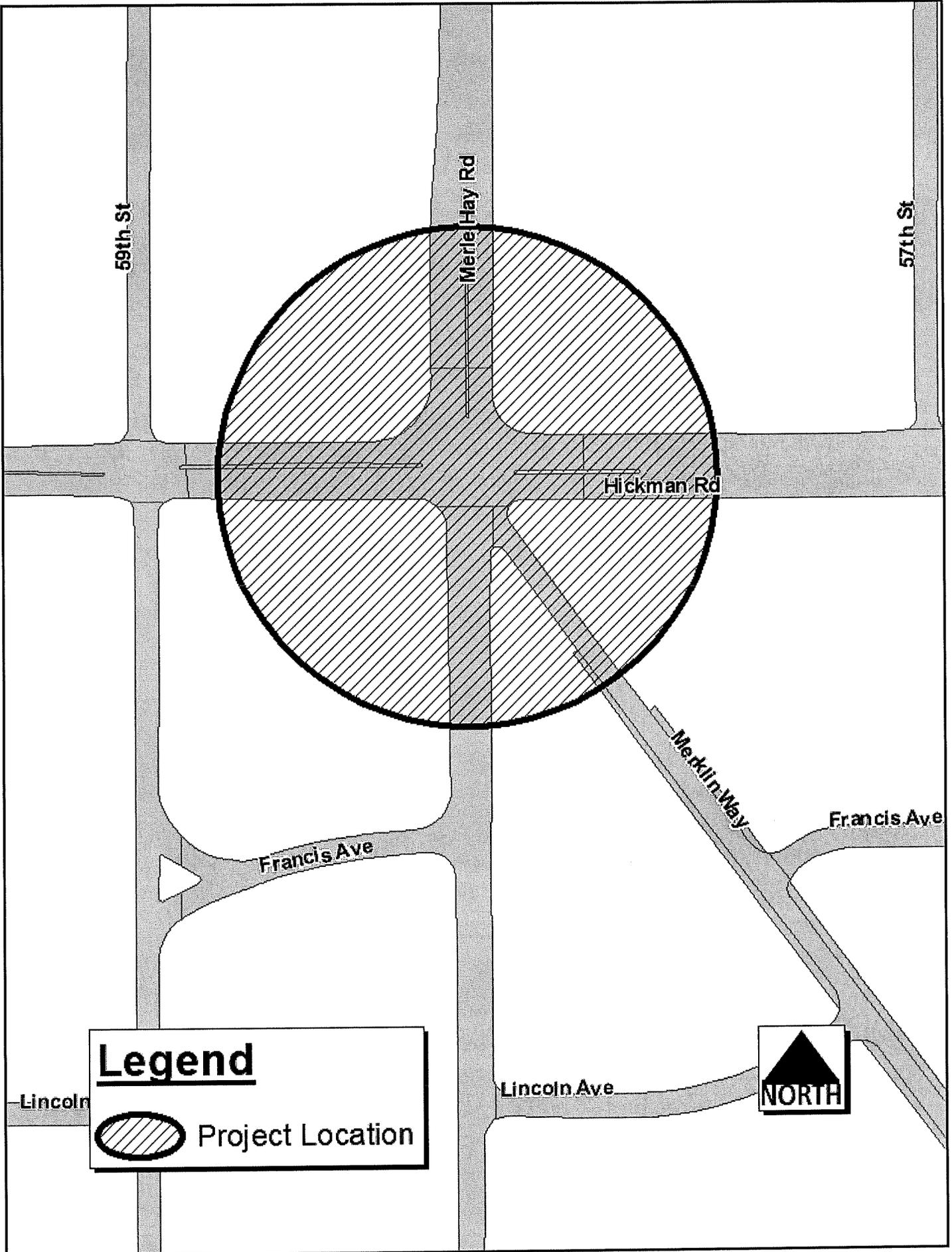
Mayor

CERTIFICATE

I, P. Kay Cmelik, 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.

City Clerk



Legend

 Project Location



PROJECT SUMMARY

Merle Hay Road and Hickman Road Intersection Improvements

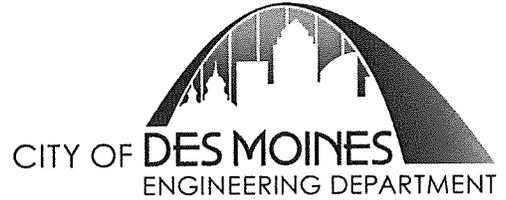
Activity ID 06-2018-010

On May 20, 2019, under Roll Call No. 19-0845, the Council awarded the contract for the above improvements to Minturn, Inc., in the amount of \$742,822.50. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	8/27/2019 Adds additional work for revised signal footing and median reinforcement.	\$9,050.00
2	Engineering	9/27/2019 Replaces damaged intake, storm sewer, curb and gutter. Provides additional traffic control, concrete for paving.	\$28,234.00
3	Engineering	2/18/2020 Provides diamond grinding of asphalt to provide positive drainage.	\$3,700.00
4	Engineering	4/8/2020 Adds quantity for additional roadway pavement replacement	\$32,360.00
5	Engineering	5/13/2020 Adjusts quantities to as-built amounts, adds area of sidewalk repair	\$49,835.25
6	Engineering	7/14/2020 Adds quantities for sidewalk detectable warning replacement and additional finish grading in areas.	\$49,413.80
Original Contract Amount			\$742,822.50
Total Change Orders			\$172,593.05
Percent of Change Orders to Original Contract			23.23%
Total Contract Amount			\$915,415.55

BA

October 19, 2020



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Merle Hay Road and Hickman Road Intersection Improvements, 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: \$915,415.55 As-Built Contract Cost

Funding Source: 2020-2021 CIP, Page Street - 27, Merle Hay Road and Hickman Intersection, ST272, Being: \$200,000 (maximum) in Urban-State Traffic Engineering Program (U-STEP) funds being 55% eligible construction under UST-006-4(187)--4A-77); \$27,379.00 Storm Water Utility Funds, \$61,624.80 in G.O. bonds transferred from SW084; and the remaining \$626,411.75 G.O. Bonds

CERTIFICATION OF COMPLETION:

On May 20, 2019, under Roll Call No. 19-0845, the City Council awarded a contract to Minturn, Inc., Clinton M. Rhoads, President, 144 W. Front Street, Brooklyn, IA 52211 for the construction of the following improvement:

Merle Hay Road and Hickman Road Intersection Improvements, 062018010

The improvement includes construction of a second eastbound left-turn lane with new medians, sidewalk replacement, traffic signal replacement, Hot Mix Asphalt (HMA) overlay, new pavement markings, and incidental items; all in accordance with the contract documents, including Plan File Nos. 607-228/270, located at and near the intersection of Merle Hay Road and Hickman Road, Des Moines, Iowa

I hereby certify that the construction of said Merle Hay Road and Hickman Road Intersection Improvements, Activity ID 062018010, 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 15, 2019, and was completed on September 28, 2020.

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I further certify that \$915,415.55 is the total cost of said improvement, of which \$887,953.08 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 \$27,462.47 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 07/24/20 TO 08/01/20
PARTIAL PAYMENT NO. 10 - FINAL

Proj No: N/A

PROJECT: MERLE HAY ROAD AND HICKMAN ROAD INTERSECTION IMPROVEMENTS
CONTRACTOR: MINTURN, INC

Activity ID: 06-2018-010
8/1/2020

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	180.00	351.66	351.66	\$50.00	\$17,583.00
2	MODIFIED SUBBASE	CY	80.00	109.72	109.72	\$125.00	\$13,715.00
3	PAVED SHOULDER, P.C. CONCRETE, 12.5 IN.	SY	52.00	50.64	50.64	\$125.00	\$6,330.00
4	SHOULDER FINISHING, EARTH	STA	3.40	3.40	3.40	\$2,000.00	\$6,800.00
5	CLEANING AND PREPARATION OF BASE	MILE	0.08	0.08	0.08	\$20,000.00	\$1,600.00
6	PATCHES, FULL-DEPTH REPAIR	SY	45.00	169.64	169.64	\$250.00	\$42,410.00
7	PATCHES BY COUNT (REPAIR)	EACH	6.00	9.00	9.00	\$400.00	\$3,600.00
8	BASE WIDENING, 9 IN. PORTLAND CEMENT CONCRETE	SY	325.00	336.50	336.50	\$100.00	\$33,650.00
9	PAVEMENT SCARIFICATION	SY	3,360.00	3,360.00	3,360.00	\$6.00	\$20,160.00
10	MEDIAN, DOWELLED P.C. CONCRETE, AS PER PLAN	SY	175.00	205.13	205.13	\$100.00	\$20,513.00
11	HOT MIX ASPHALT HIGH TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX	TON	340.00	356.95	356.95	\$125.00	\$44,618.75
12	HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO S	TON	315.00	279.24	279.24	\$125.00	\$34,905.00
13	ASPHALT BINDER, PG 58-28H, HIGH TRAFFIC	TON	40.00	35.02	35.02	\$750.00	\$26,265.00
14	HOT MIX ASPHALT PAVEMENT SAMPLES	LS	1.00	1.00	1.00	\$1,250.00	\$1,250.00
15	TEMPORARY PAVEMENT	SY	54.00	25.00	25.00	\$100.00	\$2,500.00
16	REMOVAL OF CONCRETE FOOTINGS, AS PER PLAN	EACH	4.00	4.00	4.00	\$700.00	\$2,800.00
17	MANHOLE, STORM SEWER, SW-406, 40 IN. X 40 IN.	EACH	1.00	1.00	1.00	\$5,000.00	\$5,000.00
18	INTAKE, SW-501	EACH	1.00	1.00	1.00	\$5,000.00	\$5,000.00
19	SUBDRAIN, PLASTIC PIPE, 4 IN.	LF	301.00	301.00	301.00	\$50.00	\$15,050.00
20	SUBDRAIN OUTLET, DR-303	EACH	4.00	4.00	4.00	\$1,000.00	\$4,000.00
21	STORM SEWER GRAVITY MAIN, TRENCHED, 12 IN.	LF	41.00	41.00	41.00	\$150.00	\$6,150.00
22	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF	32.00	32.00	32.00	\$100.00	\$3,200.00
23	STORM SEWER ABANDONMENT, FILL AND PLUG, LESS THAN OR EQUAL	LF	30.00	56.00	56.00	\$150.00	\$8,400.00
24	REMOVAL OF PAVEMENT	SY	378.00	387.50	387.50	\$60.00	\$23,250.00
25	REMOVAL OF INTAKES AND UTILITY ACCESSES	EACH	10.00	10.00	10.00	\$600.00	\$6,000.00
26	REMOVAL OF SIDEWALK	SY	186.00	226.00	226.00	\$20.00	\$4,520.00
27	SIDEWALK, P.C. CONCRETE, 4 IN.	SY	193.00	239.88	239.88	\$60.00	\$14,392.80
28	SIDEWALK, P.C. CONCRETE, 6 IN.	SY	109.00	109.88	109.88	\$70.00	\$7,691.60

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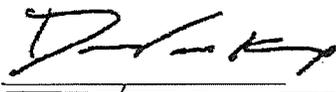
LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
29	DETECTABLE WARNINGS	SF	146.00	147.00	147.00	\$40.00	\$5,880.00
30	REMOVAL OF PAVED DRIVEWAY	SY	175.00	164.00	164.00	\$20.00	\$3,280.00
31	OBJECT MARKER, TYPE 1	EACH	5.00	5.00	5.00	\$200.00	\$1,000.00
32	PERFORATED SQUARE STEEL TUBE POSTS	LF	41.00	41.00	41.00	\$20.00	\$820.00
33	TYPE A SIGNS, SHEET ALUMINUM	SF	12.50	12.50	12.50	\$40.00	\$500.00
34	TRAFFIC SIGNALIZATION	LS	1.00	1.00	1.00	\$260,000.00	\$260,000.00
35	REMOVAL OF TRAFFIC SIGNALIZATION	LS	1.00	1.00	1.00	\$4,500.00	\$4,500.00
36	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	45.25	35.22	35.22	\$130.00	\$4,578.60
37	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASE	EACH	10.00	8.00	8.00	\$100.00	\$800.00
38	PAVEMENT MARKINGS REMOVED	STA	3.00	0.00	-	\$200.00	\$0.00
39	SYMBOLS AND LEGENDS REMOVED	EACH	3.00	0.00	-	\$120.00	\$0.00
40	TEMPORARY TRAFFIC SIGNALS	EACH	1.00	1.00	1.00	\$6,500.00	\$6,500.00
41	TRAFFIC CONTROL	LS	1.00	1.00	1.00	\$37,900.00	\$37,900.00
42	FLAGGERS	EACH	15.00	1.00	1.00	\$400.00	\$400.00
43	MOBILIZATION	LS	1.00	1.00	1.00	\$70,000.00	\$70,000.00
44	SODDING	SQ	30.00	43.60	43.60	\$150.00	\$6,540.00
45	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.	LF	25.00	20.00	20.00	\$10.00	\$200.00
46	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	LF	25.00	20.00	20.00	\$5.00	\$100.00
1.01	REVISED SIGNAL FOOTINGS	LS	0.00	1.00	1.00	\$6,100.00	\$6,100.00
1.02	ADDITIONAL MEDIAN REINFORCING	LS	0.00	1.00	1.00	\$2,950.00	\$2,950.00
2.01	ADDITIONAL CONCRETE FOR PAVING THICKNESS	CY	0.00	28.00	28.00	\$111.00	\$3,108.00
2.02	REPLACE SW-541 & STORM SEWER REPAIR	LS	0.00	1.00	1.00	\$15,490.00	\$15,490.00
2.03	ADDITIONAL TRAFFIC CONTROL FOR 59TH STREET CLOSURE	LS	0.00	1.00	1.00	\$1,100.00	\$1,100.00
2.04	CURB AND GUTTER REPLACEMENT	LF	0.00	183.00	183.00	\$97.00	\$17,751.00
3.01	DIAMOND GRINDING	LS	0.00	1.00	1.00	\$3,700.00	\$3,700.00

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
5.01	DRIVEWAY REPLACEMENT AT 5735 UNIVERSITY	LS	0.00	1.00	1.00	\$7,350.00	\$7,350.00
5.02	DETECTABLE WARNINGS	SF	0.00	559.65	559.65	\$45.00	\$25,184.25
5.03	PARTIAL DEPTH DETECTABLE WARNING PATCHING	SF	0.00	531.47	531.47	\$65.00	\$34,545.55
6.01	TRAFFIC CONTROL, DETECTABLE WARNING REPLACEMENT	LS	0.00	1.00	1.00	\$1,895.00	\$1,895.00
6.02	BIRDLAND CLEANUP	LS	0.00	1.00	1.00	\$11,889.00	\$11,889.00
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$915,415.55				
PARTIAL PAYMENT NO. 1			\$238,125.88				
PARTIAL PAYMENT NO. 2			\$287,170.59				
PARTIAL PAYMENT NO. 3			\$2,974.02				
PARTIAL PAYMENT NO. 4			\$11,155.00				
PARTIAL PAYMENT NO. 5			\$105,708.51				
PARTIAL PAYMENT NO. 6			\$142,614.40				
PARTIAL PAYMENT NO. 7			\$43,025.80				
PARTIAL PAYMENT NO. 8			\$9,247.50				
PARTIAL PAYMENT NO. 9			\$47,931.38				
THIS PARTIAL PAYMENT			\$0.00				
TOTAL PARTIAL PAYMENTS			\$887,953.08				
BALANCE			\$27,462.47				

TOTAL	\$915,415.55
RETAINAGE	\$27,462.47
TOTAL LESS RETAINAGE	\$887,953.08
LESS PREVIOUS PAYMENT	\$887,953.08
AMOUNT DUE	\$0.00

PREPARED BY: Christopher Kuhl

CHECKED BY: 

PARTIAL PAYMENT NO. 10 - FINAL