

★ **Roll Call Number**

Agenda Item Number

10A

DATE January 27, 2020

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR MACRAE PARK ROAD RECONSTRUCTION PHASE 2, TK CONCRETE, INC.

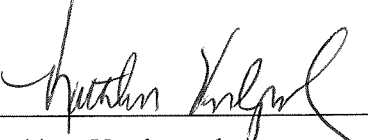
BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the MacRae Park Road Reconstruction Phase 2, 11-2017-011, in accordance with the contract approved between TK Concrete, Inc., Tony J. Ver Meer, President, 1608 Fifield Road, Pella, IA 50219, under Roll Call No. 18-1125, of June 25, 2018, 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 \$467,363.16 is the total cost, of which \$452,364.43 has been paid the Contractor, and \$977.84 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$14,020.89 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.

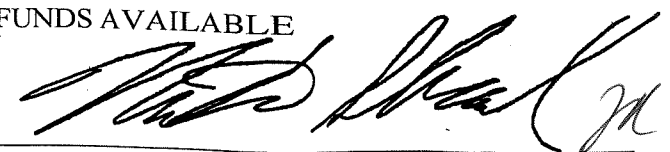
BE IT FURTHER RESOLVED: That the Interim Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by _____ to adopt.

FORM APPROVED:


Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE


Nickolas J. Schaul
Interim Des Moines Finance Director

SLN Funding Source: 2019-2020 CIP, Page Park - 21, Road, Sidewalk, and Utility Improvements - Parks, PK175, G. O. Bonds

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

★ Roll Call Number

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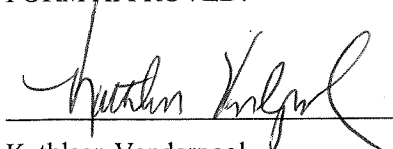
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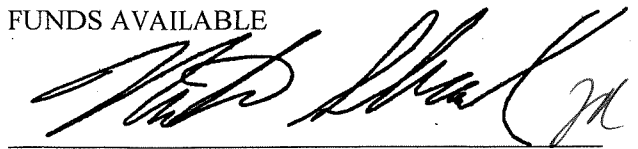
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Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE





Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Interim Des Moines Finance Director

SLN

Funding Source: 2019-2020 CIP, Page Park - 21, Road, Sidewalk, and Utility Improvements - Parks, PK175, G. O. Bonds

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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



10 A

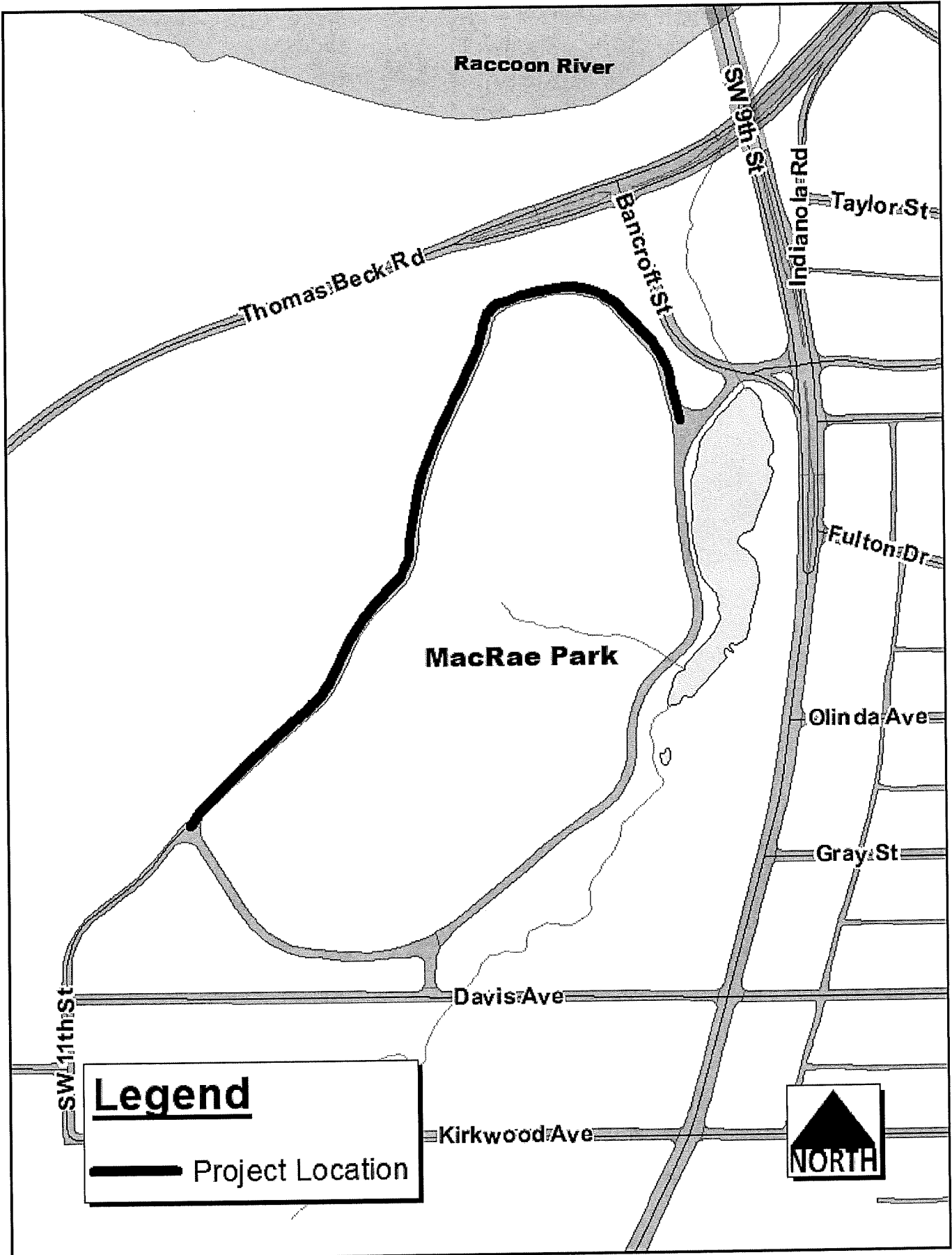
PROJECT SUMMARY

MacRae Park Road Reconstruction Phase 2

Activity ID 11-2017-011

On June 25, 2018, under Roll Call No. 18-1125, the Council awarded the contract for the above improvements to TK Concrete, Inc., in the amount of \$473,387.00. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	10/29/2018 Change in Contract Attachment: Item 3 - Completion Provisions due to delay caused by MacRae Park Overlook project.	\$0.00
2	Engineering	Adjustment of quantities to as built quantities, subdrain install, repair of erosion, install of bollards and sign, reinforcement for center median, and liquidated damages.	\$(6,023.84)
Original Contract Amount			\$473,387.00
Total Change Orders			\$(6,023.84)
Percent of Change Orders to Original Contract			(1.27)%
Total Contract Amount			\$467,363.16



Raccoon River

Thomas Beck Rd

Bancroft St

SW 9th St

Indiana la Rd

Taylor St

MacRae Park

Fulton Dr

Olinda Ave

Gray St

Davis Ave

SW 11th St

Kirkwood Ave

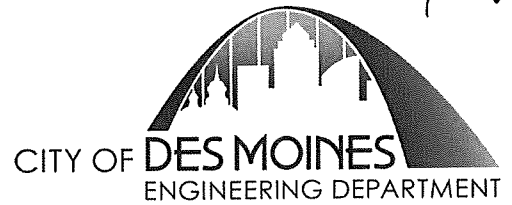
Legend

 Project Location



10 A

January 27, 2020



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the MacRae Park Road Reconstruction Phase 2, TK Concrete, Inc.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$467,363.16 As-Built Contract Cost

Funding Source: 2019-2020 CIP, Page Park - 21, Road, Sidewalk, and Utility Improvements - Parks, PK175, G. O. Bonds

CERTIFICATION OF COMPLETION:

On June 25, 2018, under Roll Call No. 18-1125, the City Council awarded a contract to TK Concrete, Inc., Tony J. Ver Meer, President, 1608 Fifield Road, Pella, IA 50219 for the construction of the following improvement:

MacRae Park Road Reconstruction Phase 2, 11-2017-011

The improvement includes the reconstruction of the roadway through MacRae Park to include clearing & grubbing, pavement removal, grading & earthwork, storm sewer installation, Hot Mix Asphalt (HMA) pavement, Portland Cement Concrete (PCC) sidewalk, PCC parking areas, curb & gutter, median construction, pavement markings, restoration, seeding, and other incidental items; in accordance with the contract documents, including Plan File Nos. 597-187/253, at MacRae Park, Des Moines, Iowa

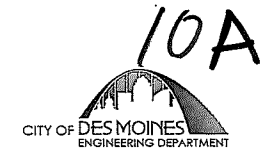
I hereby certify that the construction of said MacRae Park Road Reconstruction Phase 2, Activity ID 11-2017-011, has been completed in substantial compliance with the terms of said contract, and I hereby recommend that the work be accepted. The work commenced on September 24, 2018, and was completed on January 6, 2020.

I further certify that \$467,363.16 is the total cost of said improvement, of which \$452,364.43 has been paid the Contractor and \$977.84 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$14,020.89 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.

A handwritten signature in cursive script that reads "Steven L. Naber" followed by the initials "P.E." to the right.

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

ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 11/08/19 TO 12/03/19
FINAL PAYMENT (PAYMENT NO. 13)



ACTIVITY ID 11-2017-011
DATE: 12/03/19

PROJECT: MACRAE PARK ROAD RECONSTRUCTION PHASE 2
CONTRACTOR: TK CONCRETE, INC.

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
0001	CLEARING AND GRUBBING	LS	1.000	1.000	1.000	\$7,000.00	\$7,000.00
0002	TOPSOIL, ON - SITE	CY	255.000	255.000	255.000	\$20.00	\$5,100.00
0003	TOPSOIL, OFF - SITE	CY	70.000	612.000	612.000	\$40.00	\$24,480.00
0004	EXCAVATION, CLASS 10	CY	700.000	700.000	700.000	\$15.00	\$10,500.00
0005	ADDITIONAL FILL IN PLACE	CY	680.000	221.980	221.980	\$28.50	\$6,326.43
0006	BELOW GRADE EXCAVATION (CORE OUT)	CY	300.000	90.000	90.000	\$18.00	\$1,620.00
0007	SUBGRADE PREPARATION	SY	1,580.000	1580.000	1580.000	\$4.25	\$6,715.00
0008	SUBGRADE TREATMENT-GEOGRID	SY	845.000	1819.810	1819.810	\$4.00	\$7,279.24
0009	SUBBASE, SPECIAL BACKFILL	SY	2,425.000	3558.820	3558.820	\$10.00	\$35,588.20
0010	STORM SEWER, TRENCHED, 15 IN.	LF	440.000	440.000	440.000	\$58.50	\$25,740.00
0011	INTAKE, TYPE, SW-502, 48 IN. DIA.	EACH	3.000	3.000	3.000	\$3,500.00	\$10,500.00
0012	INTAKE, TYPE, SW-505	EACH	3.000	3.000	3.000	\$5,500.00	\$16,500.00
0013	INTAKE, TYPE, SW-512, 24 IN. DIA.	EACH	1.000	1.000	1.000	\$2,750.00	\$2,750.00
0014	CONNECTION TO EXISTING MANHOLE	EACH	1.000	1.000	1.000	\$1,000.00	\$1,000.00
0015	REMOVE INTAKE	EACH	1.000	2.000	2.000	\$500.00	\$1,000.00
0016	PAVEMENT, PCC, 6 IN. (PARKING)	SY	417.000	490.900	490.900	\$43.00	\$21,108.70
0017	CURB AND GUTTER, 1.5' PCC	LF	1,974.000	2085.900	2085.900	\$19.00	\$39,632.10
0018	CONCRETE MEDIAN, DOWELED	SY	325.000	325.000	325.000	\$75.00	\$24,375.00
0019	HMA ST SURFACE, 1/2" MIX, NO FRIC, PG 58-28S	TON	500.000	423.950	423.950	\$116.00	\$49,178.20
0020	HMA ST BASE, 3/4" MIX, NO FRIC, PG 58-28S	TON	235.000	232.550	232.550	\$120.00	\$27,906.00
0021	HMA ST LEVELING/WIDENING, 1/2" MIX, PG 58-28S	TON	380.000	459.870	459.870	\$116.00	\$53,344.92
0022	HMA PAVEMENT SAMPLES AND TESTING	LS	1.000	0.000	0.000	\$1,500.00	\$0.00
0023	REMOVAL OF SIDEWALK	SY	31.000	67.900	67.900	\$10.00	\$679.00
0024	SIDEWALK, PCC, 5 IN. THICK	SY	205.000	204.200	204.200	\$40.00	\$8,168.00
0025	SIDEWALK, PCC, 6 IN. THICK	SY	12.000	12.000	12.000	\$85.00	\$1,020.00
0026	SIDEWALK, COLORED PCC, 6 IN. THICK	SY	31.000	73.000	73.000	\$115.00	\$8,395.00
0027	DETECTABLE WARNING	SF	45.000	66.000	66.000	\$35.00	\$2,310.00
0028	FULL DEPTH FINISH PATCH, PCC	SY	3.000	3.100	3.100	\$200.00	\$620.00
0029	FULL DEPTH PATCH, HMA	SY	45.000	41.000	41.000	\$130.00	\$5,330.00
0030	SUBBASE OVER-EXCAVATION	TON	25.000	0.000	0.000	\$50.00	\$0.00
0031	PAVEMENT SCARIFICATION	SY	1,730.000	1773.300	1773.300	\$7.50	\$13,299.75
0032	PAVEMENT REMOVAL	SY	1,345.000	902.900	902.900	\$9.00	\$8,126.10
0033	PAINTED PAVEMENT MARKING, SOLVENT / WATERBORNE	STA	10.250	10.250	10.250	\$300.00	\$3,075.00
0034	PAINTED SYMBOLS AND LEGENDS	EACH	8.000	8.000	8.000	\$325.00	\$2,600.00
0035	CONVENTIONAL SEEDING, FERTILIZING AND MULCHING	ACRE	0.800	0.000	0.000	\$6,000.00	\$0.00
0036	HYDRAULIC SEEDING, FERTILIZING AND MULCHING, TYPE 1	ACRE	0.200	0.000	0.000	\$6,000.00	\$0.00
0037	STORMWATER POLLUTION PREVENTION	LS	1.000	1.000	1.000	\$4,500.00	\$4,500.00

PROJECT: MACRAE PARK ROAD RECONSTRUCTION PHASE 2
CONTRACTOR: TK CONCRETE, INC.

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
0038	FILTER SOCK, 9 INCH DIA.	LF	300.000	0.000	0.000	\$2.25	\$0.00
0039	FILTER SOCK, REMOVAL	LF	300.000	0.000	0.000	\$1.00	\$0.00
0040	SILT FENCE	LF	1,620.000	1133.000	1133.000	\$2.25	\$2,549.25
0041	SILT FENCE, REMOVAL	LF	1,620.000	0.000	0.000	\$1.00	\$0.00
0042	EROSION CONTROL MULCHING, HYDROMULCHING	ACRE	0.900	0.000	0.000	\$2,250.00	\$0.00
0043	INLET PROTECTION DEVICE	EACH	7.000	0.000	0.000	\$200.00	\$0.00
0044	FLOW TRANSITION MAT	SF	140.000	89.500	89.500	\$17.50	\$1,566.25
0045	GABIONS, GALVANIZED	CY	5.400	5.400	5.400	\$500.00	\$2,700.00
0046	MOBILIZATION	LS	1.000	1.000	1.000	\$23,250.00	\$23,250.00
0047	TRAFFIC SIGN	SF	20.300	20.300	20.300	\$100.00	\$2,030.00
0048	SIGN POST	EACH	4.000	4.000	4.000	\$225.00	\$900.00
0049	TREE PROTECTION FENCE, 4' HIGH	LF	2,470.000	2566.000	2566.000	\$3.00	\$7,698.00
0050	TRUNK TREE PROTECTION	EACH	2.000	2.000	2.000	\$500.00	\$1,000.00
0051	TRAFFIC CONTROL	LS	1.000	1.000	1.000	\$5,750.00	\$5,750.00
0052	CONDUIT, 4 IN. PVC	LF	30.000	30.000	30.000	\$50.00	\$1,500.00
2.01	SUBDRAIN INSTALLATION	LF	0.000	390.000	390.000	\$28.59	\$11,150.10
2.02	FLOWABLE REPAIR ON OVERLOOK	CY	0.000	3.000	3.000	\$300.00	\$900.00
2.03	BOLLARD INSTALLATION	EACH	0.000	2.000	2.000	\$192.50	\$385.00
2.04	MOVE DO NOT ENTER SIGN	LS	0.000	1.000	1.000	\$423.50	\$423.50
2.05	REINFORCEMENT FOR CENTER MEDIAN	LS	0.000	1.000	1.000	\$2,389.00	\$2,389.00
2.06	LIQUIDATED DAMAGES	CDAY	0.000	103.000	103.000	-\$300.00	(\$30,900.00)
2.07	ELECTRICAL SERVICE REPAIR BY KOESTER	LS	0.000	1.000	1.000	-\$1,694.58	(\$1,694.58)

10A

ACTIVITY ID 11-2017-011

DATE: 12/03/19

PROJECT: MACRAE PARK ROAD RECONSTRUCTION PHASE 2
 CONTRACTOR: TK CONCRETE, INC.

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$467,363.16				
	PARTIAL PAYMENT #1		\$13,723.56				
	PARTIAL PAYMENT #2		\$12,305.42				
	PARTIAL PAYMENT #3		\$28,545.16				
	PARTIAL PAYMENT #4		\$24,788.35				
	PARTIAL PAYMENT #5		\$24,982.98				
	PARTIAL PAYMENT #6		\$37,344.27				
	PARTIAL PAYMENT #7		\$7,589.54				
	PARTIAL PAYMENT #8		\$90,748.86				
	PARTIAL PAYMENT #9		\$101,086.07				
	PARTIAL PAYMENT #10		\$86,200.21				
	PARTIAL PAYMENT #11		\$20,857.02				
	PARTIAL PAYMENT #12		\$4,192.99				
	THIS PARTIAL PAYMENT		\$977.84				
	TOTAL PARTIAL PAYMENTS		\$453,342.27				
	BALANCE		\$14,020.89				

TOTAL	\$467,363.16
RETAINAGE	\$14,020.89
TOTAL LESS RETAINAGE	\$453,342.27
LESS PREVIOUS PAYMENT	\$452,364.43
AMOUNT DUE	\$977.84

PREPARED BY: John L. [Signature]

CHECKED BY: Matt [Signature]

FINAL PAYMENT (PAYMENT NO. 13)