



Roll Call Number

Agenda Item Number

13A

DATE January 25, 2016

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR E. 30TH STREET & DEAN AVENUE INTERSECTION IMPROVEMENTS, CONCRETE TECHNOLOGIES, 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 E. 30th Street & Dean Avenue Intersection Improvements, 06-2013-001, in accordance with the contract approved between Concrete Technologies, Inc., Brad Baumler, President, 1001 SE 37th Street, Grimes, IA 50111, under Roll Call No. 14-0324, of February 24, 2014, 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 \$814,053.22 is the total cost, of which \$814,053.22 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 \$0.00 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 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

Daniel E. Ritter
Des Moines Finance Director

Funding Source: 2013-2014 CIP, Page Street - 51, UPRR Crossing Closures Mitigation, ST253, Being: \$500,000 in Iowa DOT Traffic Safety Funds (Max \$500,000), and the remaining \$283,830.70 in Union Pacific Railroad funds

CS-TSF-1945(798)--85-77

COUNCIL ACTION	YEAS	NAYS	Pass	ABSENT
COWNIE				
COLEMAN				
GATTO				
GRAY				
HENSLEY				
MOORE				
WESTERGAARD				
TOTAL				
MOTION CARRIED	APPROVED			

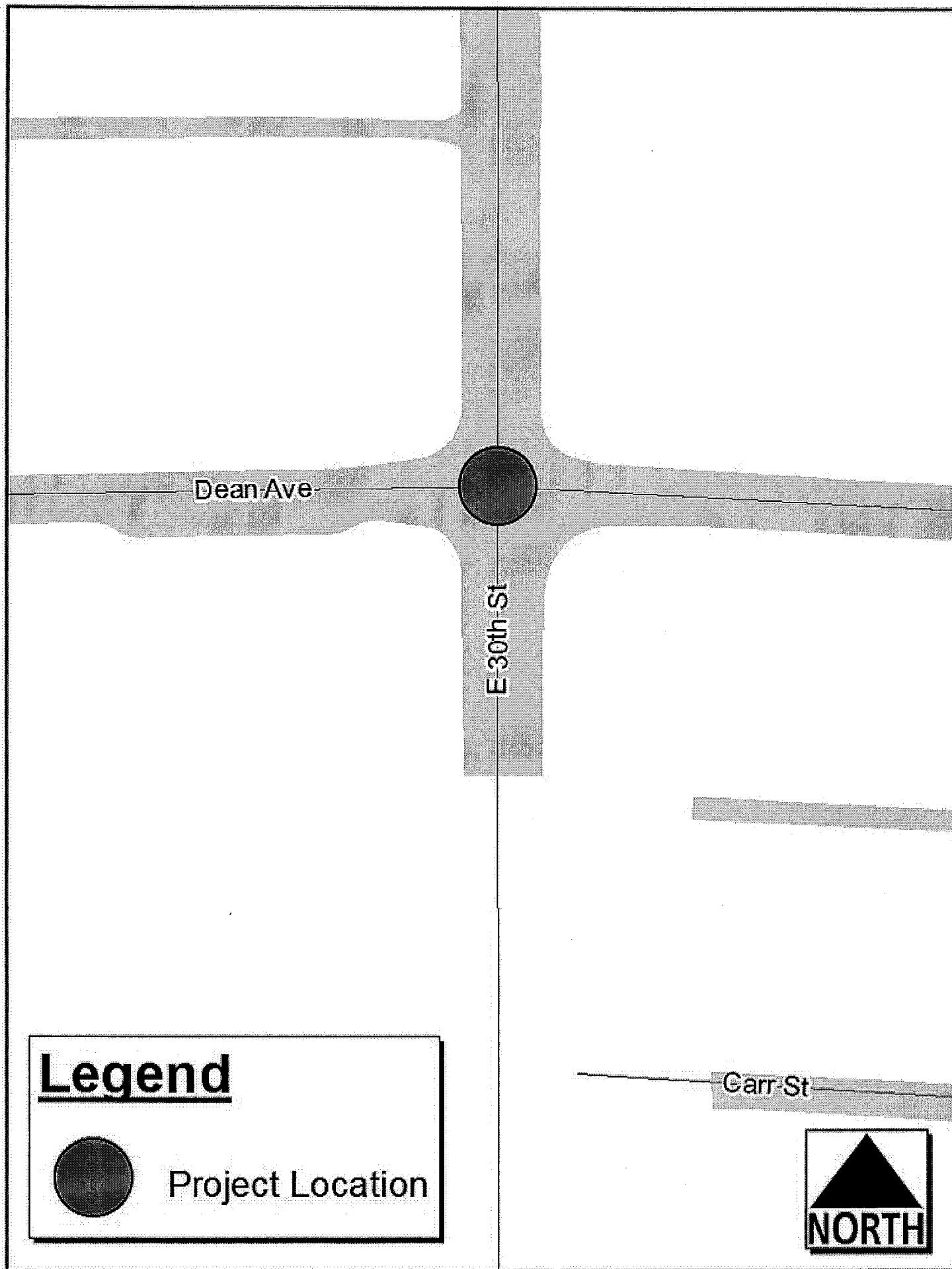
CERTIFICATE

I, DIANE RAUH, 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



PROJECT SUMMARY

E. 30th Street & Dean Avenue Intersection Improvements

Activity ID 06-2013-001

On February 24, 2014, under Roll Call No. 14-0324, the Council awarded the contract for the above improvements to Concrete Technologies, Inc., in the amount of \$783,830.70. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	10/20/2014 Adjusting contract quantities to as-built quantities for 8" PCC pavement, pavement markings, and storm sewer items. Added items for ductile iron storm sewer, additional joint reinforcement, and additional removals.	\$24,734.20
2	City	1/20/2015 Replace intake type at a location due to existing storm sewers located behind the curb line.	\$7,700.00
3	City	8/12/2015 Adjust contract quantities to as-built quantities.	\$(2,211.68)
Original Contract Amount			\$783,830.70
Total Change Orders			\$30,222.52
Percent of Change Orders to Original Contract			3.86%
Total Contract Amount			\$814,053.22

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January 25, 2016

CERTIFICATION OF COMPLETION



AGENDA HEADING:

Accepting completed construction and approving final payment for the E. 30th Street & Dean Avenue Intersection Improvements, Concrete Technologies, Inc.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$814,053.22 As-Built Contract Cost

Funding Source: 2013-2014 CIP, Page Street - 51, UPRR Crossing Closures Mitigation, ST253, Being: \$500,000 in Iowa DOT Traffic Safety Funds (Max \$500,000), and the remaining \$283,830.70 in Union Pacific Railroad funds

CERTIFICATION OF COMPLETION:

On February 24, 2014, under Roll Call No. 14-0324, the City Council awarded a contract to Concrete Technologies, Inc., Brad Baumler, President, 1001 SE 37th Street, Grimes, IA 50111 for the construction of the following improvement:

E. 30th Street & Dean Avenue Intersection Improvements, 06-2013-001

The improvement includes the widening of Dean Avenue at E. 30th Street by the removal and replacement of curbs and pavement and traffic signal system, placement of 8-inch Portland Cement Concrete (PCC) pavement base widening with a 2-inch Hot Mix Asphalt (HMA) overlay along the north side of Dean Avenue from approximately 250' west of the intersection of E. 30th Street & Dean Avenue to approximately 200' east of the intersection of E. 30th Court & Dean Avenue, placement of a 7-inch thick PCC bus-loading zone and 5-inch relocated HMA driveway at Willard Elementary School, reconstruction of approximately 35' of E. 30th Court with 7-inch PCC pavement connecting with the Dean Avenue widening, traffic signal system, storm sewer, subdrains, driveways, curb ramps, sidewalks, pavement markings, surface restoration, and other incidental items; all in accordance with the contract documents, including Plans File Nos. 556-011/088, located on Dean Avenue at E. 30th Street, Des Moines, Iowa

I hereby certify that the construction of said E. 30th Street & Dean Avenue Intersection Improvements, Activity ID 06-2013-001, 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 May 4, 2015, and was completed on January 14, 2016.

I further certify that \$814,053.22 is the total cost of said improvement, of which \$814,053.22 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 \$0.00 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.



Pamela S. Cooksey, P.E.
Des Moines City Engineer

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



FINAL QUANTITIES of CONSTRUCTION COMPLETED

FROM 08/17/2015 TO 01/12/2016

FINAL PAYMENT (PARTIAL PAYMENT NO. 10)

Proj No: CS-TSF-1945(798)--85-77

Activity ID: 06-2013-001

Date: 01/12/2016

PROJECT: E. 30TH STREET & DEAN AVENUE INTERSECTION IMPROVEMENTS

CONTRACTOR: CONCRETE TECHNOLOGIES, INC

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	TRAFFIC/PEDESTRIAN CONTROL & WORK ZONE FENCING	LS	1.000	1.000	1.000	\$17,000.00	\$17,000.00
2	UNIFORMED POLICE OFFICER	DAY	6.000	1.000	1.000	\$415.00	\$415.00
3	MOBILIZATION	LS	1.000	1.000	1.000	\$92,500.00	\$92,500.00
4	CLEARING & GRUBBING	LS	1.000	1.000	1.000	\$4,500.00	\$4,500.00
5	CLASS 10 EXCAVATION	CY	1,750.000	1,750.000	1,750.000	\$13.50	\$23,625.00
6	SUBGRADE PREPARATION	SY	2,994.000	3,139.000	3,139.000	\$3.00	\$9,417.00
7	SUBGRADE TREATMENT	SY	75.000	0.000	0.000	\$5.25	\$0.00
8	MODIFIED SUBBASE	SY	2,994.000	3,129.000	3,129.000	\$10.00	\$31,290.00
9	TEMPORARY GRANULAR SURFACING	TON	25.000	0.000	0.000	\$25.00	\$0.00
10	STORM SEWER PIPE, CLASS III RCP, 15 IN DIA	LF	136.000	142.000	142.000	\$60.00	\$8,520.00
11	STORM SEWER PIPE, CLASS III RCP, 18 IN DIA	LF	96.000	38.000	38.000	\$63.00	\$2,394.00
12	STORM SEWER PIPE, CLASS A-V RCAP, 22 IN x 14 IN	LF	52.000	0.000	0.000	\$102.00	\$0.00
13	REMOVAL OF STORM SEWER PIPE LESS THAN 30 IN	LF	98.000	38.000	38.000	\$18.50	\$703.00
14	FILLING STORM SEWER, 12 IN FILL & PLUG	LF	12.000	0.000	0.000	\$34.50	\$0.00
15	FILLING STORM SEWER, 18 IN FILL & PLUG	LF	54.000	91.670	91.670	\$23.50	\$2,154.25
16	LONGITUDINAL SUBDRAIN	LF	1,270.000	877.000	877.000	\$15.00	\$13,155.00
17	SUBDRAIN OUTLETS AND CONNECTIONS	EACH	9.000	6.000	6.000	\$390.00	\$2,340.00
18	MANHOLE, SW-401, 48 IN DIA	EACH	3.000	2.000	2.000	\$2,575.00	\$5,150.00
19	INTAKE, SW-501	EACH	2.000	2.000	2.000	\$2,950.00	\$5,900.00
20	INTAKE, SW-505	EACH	4.000	3.000	3.000	\$5,100.00	\$15,300.00
21	MANHOLE OR INTAKE ADJUSTMENT, MINOR	EACH	4.000	6.000	6.000	\$515.00	\$3,090.00
22	CONNECTION TO EXISTING MANHOLE	EACH	1.000	3.000	3.000	\$1,025.00	\$3,075.00
23	REMOVE MANHOLE OR INTAKE	EACH	8.000	7.000	7.000	\$335.00	\$2,345.00
24	7 IN PCC PAVEMENT	SY	406.000	317.000	317.000	\$56.00	\$17,752.00
25	8 IN. PCC PAVEMENT	SY	1,844.000	2,392.100	2,392.100	\$60.50	\$144,722.05
26	HMA (3M ESAL) SURFACE, 1/2", NO FRICTION	TON	369.000	391.100	391.100	\$110.00	\$43,021.00
27	REMOVAL OF SIDEWALK AND DRIVEWAY PAVEMENT	SY	1,409.000	1,609.600	1,609.600	\$7.75	\$12,474.40
28	4 IN. PCC SIDEWALK	SY	406.000	298.000	298.000	\$40.00	\$11,920.00

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
29	5 IN. PCC SIDEWALK	SY	385.000	384.900	384.900	\$42.00	\$16,165.80
30	6 IN. PCC PAVEMENT	SY	260.000	415.600	415.600	\$50.00	\$20,780.00
31	DRIVEWAY SURFACING, CLASS A CRUSHED STONE	TON	20.000	35.300	35.300	\$25.00	\$882.50
32	DETECTABLE WARNINGS	SF	163.000	188.000	188.000	\$37.00	\$6,956.00
33	PAVEMENT SCARIFICATION	SY	250.000	136.000	136.000	\$12.50	\$1,700.00
34	REMOVAL OF ROADWAY PAVEMENT	SY	1,106.000	1,219.300	1,219.300	\$13.00	\$15,850.90
35	TRAFFIC SIGNALIZATION	LS	1.000	1.000	1.000	\$214,000.00	\$214,000.00
36	COMPOST FILTER SOCK	LF	750.000	1,656.000	1,656.000	\$2.00	\$3,312.00
37	REMOVE COMPOST FILTER SOCK	LF	750.000	1,656.000	1,656.000	\$0.50	\$828.00
38	EROSION CONTROL MULCHING, CONVENTIONAL MULCHING	ACRE	1.400	0.500	0.500	\$1,130.00	\$565.00
39	REMOVE AND REPLACE CHAIN LINK FENCE	LF	75.000	68.700	68.700	\$25.00	\$1,717.50
40	39 IN. X 48 IN. CHAIN LINK FENCE GATE	EACH	2.000	2.000	2.000	\$250.00	\$500.00
41	REMOVE AND RELOCATE BARRIER GATE	EACH	2.000	2.000	2.000	\$495.00	\$990.00
42	CHAIN LINK FENCE MODIFICATIONS	LF	40.000	0.000	0.000	\$32.00	\$0.00
43	P.C. CONCRETE STEPS	SF	56.000	51.000	51.000	\$75.00	\$3,825.00
44	STEP HANDRAIL	LF	32.000	7.900	7.900	\$74.00	\$584.60
45	SEED, FERTILIZE AND MULCH	ACRE	0.250	0.320	0.320	\$6,200.00	\$1,984.00
46	SODDING	SQ	98.000	111.600	111.600	\$62.00	\$6,919.20
47	WATER SERVICE TAP	EACH	2.000	0.000	0.000	\$1,185.00	\$0.00
48	RELOCATE WATER SERVICE STOP BOX	EACH	2.000	0.000	0.000	\$1,365.00	\$0.00
49	CHECK DEPTH OF WATER SERVICE	EACH	6.000	0.000	0.000	\$600.00	\$0.00
50	LOWER WATER SERVICE	EACH	1.000	0.000	0.000	\$850.00	\$0.00
51	LOWER WATER SERVICE WITH NEW COPPER	EACH	1.000	0.000	0.000	\$1,200.00	\$0.00
52	NEW WATER SERVICE	EACH	1.000	0.000	0.000	\$1,800.00	\$0.00
53	ABANDON WATER SERVICE	EACH	1.000	1.000	1.000	\$850.00	\$850.00
54	RELOCATE WATER SERVICE	EACH	1.000	0.000	0.000	\$1,200.00	\$0.00
55	NEW STOP BOX HOUSING	EACH	1.000	0.000	0.000	\$260.00	\$0.00
56	NEW STOP BOX ROD	EACH	1.000	0.000	0.000	\$230.00	\$0.00
57	TREE PROTECTION	LS	1.000	1.000	1.000	\$4,900.00	\$4,900.00
58	TREE PROTECTION FENCE	LF	150.000	151.000	151.000	\$6.75	\$1,019.25
59	REMOVE PAVEMENT MARKING	STA	11.500	32.500	32.500	\$110.00	\$3,575.00
60	PAINTED PAVEMENT MARKING, WATERBORNE	STA	66.100	137.300	137.300	\$47.00	\$6,453.10
61	PAINTED SYMBOLS & LEGENDS, WATERBORNE	EACH	13.000	18.000	18.000	\$115.00	\$2,070.00
1.01	STORM SEWER PIPE, DUCTILE IRON PIPE, 10 IN DIA	LF	0.000	104.000	104.000	\$65.20	\$6,780.80
1.02	POLE REMOVAL	EACH	0.000	1.000	1.000	\$1,232.00	\$1,232.00
1.03	JOINT REINFORCEMENT, BT-3	LF	0.000	509.000	509.000	\$8.50	\$4,326.50
1.04	RAMP SAWCUTTING	LS	0.000	1.000	1.000	\$385.00	\$385.00

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
2.01	DOUBLE GRATE INTAKE WITH MANHOLE, SW-506	EACH	0.000	1.000	1.000	\$7,700.00	\$7,700.00
3.01	2' x 3' DIA FOOTING	EACH	0.000	1.000	1.000	(\$400.00)	(\$400.00)
3.02	3 IN. CONDUIT	LF	0.000	11.000	11.000	(\$16.58)	(\$182.38)
3.03	PED POLE - LABOR ONLY	EACH	0.000	1.000	1.000	(\$306.00)	(\$306.00)
3.04	NW RETURN CURB & GUTTER	LF	0.000	35.400	35.400	\$41.25	\$1,460.25
3.05	NW/SW RETURN TRAFFIC CONTROL	LS	0.000	1.000	1.000	\$1,501.50	\$1,501.50
3.06	NW RETURN CORE-OUT	LS	0.000	1.000	1.000	\$1,650.00	\$1,650.00
3.07	NW RETURN TOPSOIL	CY	0.000	10.000	10.000	\$71.50	\$715.00

TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$814,053.22				
PARTIAL PAYMENT 01			\$47,942.25				
PARTIAL PAYMENT 02			\$15,354.37				
PARTIAL PAYMENT 03			\$247,583.77				
PARTIAL PAYMENT 04			\$347,994.29				
PARTIAL PAYMENT 05			\$73,330.45				
PARTIAL PAYMENT 06			\$23,504.75				
PARTIAL PAYMENT 07			\$10,189.46				
PARTIAL PAYMENT 08			\$13,687.61				
PARTIAL PAYMENT 09			\$34,466.27				
THIS PARTIAL PAYMENT			\$0.00				
TOTAL PARTIAL PAYMENTS			\$814,053.22				
BALANCE			\$0.00				

TOTAL	\$814,053.22
RETAINAGE	\$0.00
TOTAL LESS RETAINAGE	\$814,053.22
LESS PREVIOUS PAYMENT	\$814,053.22
AMOUNT DUE	\$0.00

PREPARED BY: Brett Lewis

CHECKED BY: Jack L. Smith

FINAL PAYMENT (PARTIAL PAYMENT NO. 10)

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