

14A

DATE September 11, 2017

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT
FOR E. 46TH STREET AND HUBBELL AVENUE INTERSECTION IMPROVEMENTS, HAWKEYE
PAVING CORP.**

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. 46th Street and Hubbell Avenue Intersection Improvements, 06-2014-005, in accordance with the contract approved between Hawkeye Paving Corp., Glen E. Perkins, President, 801 42nd Street, Bettendorf, IA 52722, under Roll Call No. 16-0350, of February 22, 2016, 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 \$1,458,201.23 is the total cost, of which \$1,455,185.63 has been paid the Contractor, and \$3,015.60 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 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 Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

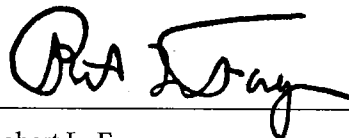
Moved by _____ to adopt.

FORM APPROVED:



Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE



Robert L. Fagen
Des Moines Finance Director

Funding Source: 2017-2018 CIP, Page Street - 12, East 46th and Hubbell Ave Intersection Improvements, ST254, Being: \$500,000 (maximum) in Iowa DOT Traffic Safety Funds; \$200,000 (maximum) in Iowa DOT Urban State Traffic Engineering Program (USTEP) Funds; \$120,229.43 in Storm Water Utility Funds, Page Storm - 4, City-wide Storm Water Utility, SM057; and the remaining \$637,971.80 in G.O. Bonds, ST254.

AC CS-TSF-1945(808)--85-77, UST-6-4(167)--4A-77

★ **Roll Call Number**

Agenda Item Number

14 A

DATE September 11, 2017

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

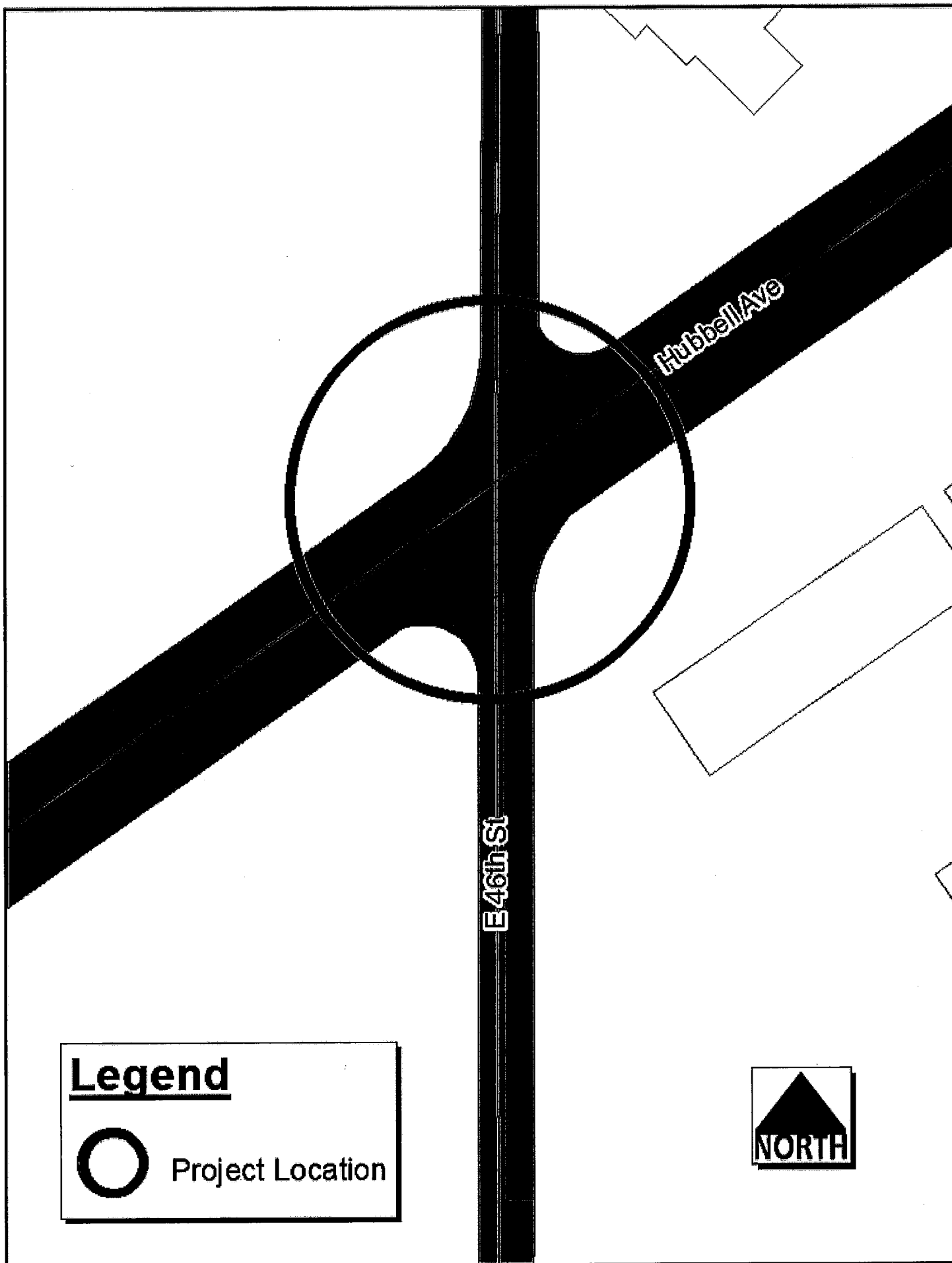
Mayor

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.

City Clerk



PROJECT SUMMARY

E. 46th Street and Hubbell Avenue Intersection Improvements

Activity ID 06-2014-005

On February 22, 2016, under Roll Call No. 16-0350, the Council awarded the contract for the above improvements to Hawkeye Paving Corp., in the amount of \$1,431,846.00. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	4/19/2016 Water Meter Pits in place of adjustment at 4630 Hubbell and 4400 E 46th St.	\$6,200.00
2	Engineering	8/8/2016 Additional light pole removals, subdrain modifications, driveway modifications, and erosion restoration & protection items.	\$24,660.00
3	Engineering	1/12/2017 Close Out quantity adjustments to as-built measured quantities	\$(4,504.77)
Original Contract Amount			\$1,431,846.00
Total Change Orders			\$26,355.23
Percent of Change Orders to Original Contract			1.84%
Total Contract Amount			\$1,458,201.23

September 11, 2017

CERTIFICATION OF COMPLETION



AGENDA HEADING:

Accepting completed construction and approving final payment for the E. 46th Street and Hubbell Avenue Intersection Improvements, Hawkeye Paving Corp.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$1,458,201.23 As-Built Contract Cost

Funding Source: 2017-2018 CIP, Page Street - 12, East 46th and Hubbell Ave Intersection Improvements, ST254, Being: \$500,000 (maximum) in Iowa DOT Traffic Safety Funds; \$200,000 (maximum) in Iowa DOT Urban State Traffic Engineering Program (USTEP) Funds; \$120,229.43 in Storm Water Utility Funds, Page Storm - 4, City-wide Storm Water Utility, SM057; and the remaining \$637,971.80 in G.O. Bonds, ST254.

CERTIFICATION OF COMPLETION:

On February 22, 2016, under Roll Call No. 16-0350, the City Council awarded a contract to Hawkeye Paving Corp., Glen E. Perkins, President, 801 42nd Street, Bettendorf, IA 52722 for the construction of the following improvement:

E. 46th Street and Hubbell Avenue Intersection Improvements, 06-2014-005

The improvement includes widening of Hubbell Avenue at E. 46th Street, installation of new traffic signals, 10-inch Portland Cement Concrete (PCC) pavement base widening, Hot Mix Asphalt (HMA) overlay, removals, earthwork, clearing, grubbing, erosion control, sidewalks, driveways, pavement subdrains, storm sewers, and traffic control; all in accordance with the contract documents including Plan File Nos. 571-009/114, located at the intersection of E. 46th Street and Hubbell Avenue, Des Moines, Iowa

I hereby certify that the construction of said E. 46th Street and Hubbell Avenue Intersection Improvements, Activity ID 06-2014-005, 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 March 7, 2016, and was completed on August 28, 2017.

I further certify that \$1,458,201.23 is the total cost of said improvement, of which \$1,455,185.63 has been paid the Contractor and \$3,015.60 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.

Handwritten signature of Pamela S. Cooksey in cursive script.

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

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

**ESTIMATE OF WORK COMPLETED
FOR WORK DONE 1/17/17 TO 5/22/17
PARTIAL PAYMENT NO. 10 (& FINAL)**

ACTIVITY ID 06-2014-005
IDOT PROJ NO.: CS-TSF-1945(808)--85-77
DATE 5/25/2017

PROJECT: E 46TH STREET AND HUBBELL AVENUE INTERSECTION IMPROVEMENTS

ITEM	DESCRIPTION	UNIT	AUTHOR Div 2 SW O-lay Imprvmnts				TOTAL	UNIT	AMOUNT
			QUANTITY	QUANTITY	QUANTITY	QUANTITY	CONSTRUCTED TO DATE		
1	Clearing and Grubbing	ACRE	0.31			0.31	0.31	\$50,000.00	\$15,500.00
2	Topsoil, Strip, Salvage and Spread	CY	1245.00	60.00		1185.00	1,245.00	\$28.00	\$34,860.00
3	Special Compaction of Subgrade	STA	24.96			24.96	24.96	\$350.00	\$8,736.00
4	Special Supplemental Subbase, 2"	SY	749.20	191.32		557.88	749.20	\$4.00	\$2,996.80
5	Special Supplemental Subbase, 6"	SY	230.43			230.43	230.43	\$8.00	\$1,843.44
6	Modified Subbase	CY	1213.15			1213.15	1,213.15	\$65.00	\$78,854.75
7	Shoulder Finishing, Earth	STA	29.84	2.43		27.41	29.84	\$250.00	\$7,460.00
8	Excavation, Class 13, For Widening	CY	2800.00	30.00		2770.00	2,800.00	\$20.00	\$56,000.00
9	Base Widening, 10" P. C. Concrete Pavement	SY	1332.63			1332.63	1,332.63	\$79.00	\$105,277.77
10	Pavement Scarification	SY	5425.20		5425.20		5,425.20	\$3.00	\$16,275.60
11	Portland Cement Concrete Pavement Samples	LS	0.00				0.00	\$1,000.00	\$0.00
12	Hot Mix Asphalt Mixture (3,000,000 ESAL), Intermed. Course, 1/2 inch Mix	TON	795.76			795.76	795.76	\$125.00	\$99,470.00
13	Hot Mix Asphalt Mixture (3,000,000 ESAL), Surface Course, 1/2 inch Mix	TON	966.48		702.24	264.24	966.48	\$90.00	\$86,983.20
14	Asphalt Binder, PG 64-22	TON	89.35		41.66	47.69	89.35	\$400.00	\$35,740.00
15	Hot Mix Asphalt Pavement Samples	LS	0.00				0.00	\$2,500.00	\$0.00
16	Surfacing, Driveway, Class A Crushed Stone	TON	159.21			159.21	159.21	\$25.00	\$3,980.25
17	Structural Concrete, Miscellaneous	CY	7.26			7.26	7.26	\$2,500.00	\$18,150.00
18	Reinforcing Steel, Epoxy Coated	LB	344.33			344.33	344.33	\$3.00	\$1,032.99
19	Segmental Block Retaining Wall	SF	1087.42			1087.42	1,087.42	\$24.00	\$26,098.08
20	Manhole, Storm Sewer, SW-402	EACH	3.00			3.00	3.00	\$3,800.00	\$11,400.00
21	Manhole, Storm Sewer, SW-402, Modified	EACH	3.00			3.00	3.00	\$5,100.00	\$15,300.00
22	Manhole, Storm Sewer, SW-405, 48 In.	EACH	1.00			1.00	1.00	\$10,600.00	\$10,600.00
23	Intake, SW-501	EACH	2.00			2.00	2.00	\$3,600.00	\$7,200.00
24	Intake, SW-507	EACH	9.00			9.00	9.00	\$4,400.00	\$39,600.00
25	Intake, SW-509	EACH	2.00			2.00	2.00	\$5,700.00	\$11,400.00
26	Intake, SW-512	EACH	1.00	1.00			1.00	\$2,300.00	\$2,300.00
27	Manhole Adjustment, Minor	EACH	1.00			1.00	1.00	\$1,000.00	\$1,000.00
28	Manhole Adjustment, Major	EACH	1.00			1.00	1.00	\$2,000.00	\$2,000.00
29	Subdrain, PVC Standard, Perforated, 4 In.	LF	1666.04			1666.04	1,666.04	\$19.00	\$31,654.76
30	Subdrain, Outlet, DR-303	EACH	9.00			9.00	9.00	\$300.00	\$2,700.00
31	Storm Sewer Gravity Main, Trenched, RCP, Class 3, 15 In.	LF	323.50	18.50		305.00	323.50	\$125.00	\$40,437.50
32	Storm Sewer Gravity Main, Trenched, RCP, Class 3, 18 In.	LF	38.20			38.20	38.20	\$150.00	\$5,730.00
33	Storm Sewer Gravity Main, Trenched, RCP, Class 3, 54 In.	LF	72.80			72.80	72.80	\$610.00	\$44,408.00
34	Remove Storm Sewer Pipe, less than or equal to 36" Dia.	LF	175.30			175.30	175.30	\$20.00	\$3,506.00
35	Revetment, Class E	TON	125.08			125.08	125.08	\$90.00	\$11,257.20

ITEM	DESCRIPTION	UNIT	AUTHOR	Div 2 SW	O-lay	Imprvmnts	CONSTRUCTED	UNIT	AMOUNT
			QUANTITY	QUANTITY	QUANTITY	QUANTITY	TO DATE	PRICE	
36	Erosion Stone	TON	24.35			24.35	24.35	\$65.00	\$1,582.75
37	Removal of Driveway	SY	466.01			466.01	466.01	\$8.00	\$3,728.08
38	Removal of Pavement	SY	1352.02			1352.02	1,352.02	\$25.00	\$33,800.50
39	Removal of Sidewalk	SY	175.00	11.70		163.30	175.00	\$8.00	\$1,400.00
40	Removal of Intakes and Utility Accesses	EACH	6.50			6.50	6.50	\$900.00	\$5,850.00
41	Sidewalk, P.C. Concrete, 4 IN	SY	657.60	145.65		511.95	657.60	\$55.00	\$36,168.00
42	Sidewalk, P.C. Concrete, 6 IN	SY	56.52	5.72		50.80	56.52	\$85.00	\$4,804.20
43	Detectable Warnings for Curb Ramps	SF	44.00	10.00		34.00	44.00	\$35.00	\$1,540.00
44	Curb and Gutter, P.C. Concrete, As Per Plan(2.5 Ft, 11 in.)	LF	652.90			652.90	652.90	\$58.00	\$37,868.20
45	Driveway, PC Concrete, 6 In.	SY	512.48	39.95		472.53	512.48	\$65.00	\$33,311.20
46	Flume Pavement, Storm Outlet	SY	67.13			67.13	67.13	\$100.00	\$6,713.00
47	Safety Closure	EACH	2.00			2.00	2.00	\$150.00	\$300.00
48	Fence, Chain Link, 48" Height	LF	195.00	39.00		156.00	195.00	\$37.00	\$7,215.00
49	Traffic Signalization	LS	1.00			1.00000000	1.00000000	\$170,000.00	\$170,000.00
50	Painted Pavement Markings, Waterborne or Solvent-Based	STA	6.38			6.38	6.38	\$17.00	\$108.46
51	Permanent Tape Markings, Profiled Pavement Marking Tape	STA	56.91			56.91	56.91	\$400.00	\$22,764.00
52	Permanent Tape Markings, Intersection Marking Tape	STA	12.90			12.90	12.90	\$400.00	\$5,160.00
53	Painted Symbols and Legends, Waterborne or Solvent-Based	EACH	0.00				0.00	\$120.00	\$0.00
54	Precut Symbols and Legends, Intersection Marking Tape	EACH	2.00			2.00	2.00	\$320.00	\$640.00
55	Pavement Markings Removed	STA	6.08			6.08	6.08	\$30.00	\$182.40
56	Symbols and Legends Removed	EACH	0.00				0.00	\$120.00	\$0.00
57	Traffic Control	LS	1.00		0.10	0.90000000	1.00000000	\$30,000.00	\$30,000.00
58	Informational Sign	SF	85.50		51.00	34.50	85.50	\$16.00	\$1,368.00
59	Changeable Message Signs, Portable	CDAY	12.00		12.00	0.00	12.00	\$75.00	\$900.00
60	Mobilization	LS	1.00		0.10	0.90000000	1.00000000	\$145,000.00	\$145,000.00
61	Traffic Direction-Uniformed Police Officer	EACH	3.00		3.00		3.00	\$650.00	\$1,950.00
62	Sewer Pipe Support	EACH	2.00			2.00	2.00	\$2,200.00	\$4,400.00
63	Water Service Stop Box, New Housing	EACH	3.00			3.00	3.00	\$1,300.00	\$3,900.00
64	Water Service Stop Box, New Rod	EACH	3.00			3.00	3.00	\$500.00	\$1,500.00
65	Water Service Stop Box, Raise Meter Pit to Grade	EACH	0.00				0.00	\$1,400.00	\$0.00
66	Stormwater Polution Prevention	LS	1.00			1.00	1.00	\$5,000.00	\$5,000.00
67	Tree Protection Plan	EACH	0.00				0.00	\$1,000.00	\$0.00
68	Tree Protection Fence	LF	415.00	138.00		277.00	415.00	\$4.00	\$1,660.00
69	Mulching	ACRE	1.00			1.00	1.00	\$2,300.00	\$2,300.00
70	Seeding & Fertilizing(Urban)	ACRE	1.00			1.00	1.00	\$1,400.00	\$1,400.00
71	Sodding	SQ	338.06	55.86		282.20	338.06	\$50.00	\$16,903.00
72	Turf Reinforcement Mat, Type 3	SQ	40.70			40.70	40.70	\$15.00	\$610.50
73	Silt Fence	LF	928.20			928.20	928.20	\$2.00	\$1,856.40
74	Silt Fence for Ditch check	LF	0.00				0.00	\$4.00	\$0.00
75	Removal of Silt Fence or silt fence for ditch checks	LF	928.20			928.20	928.20	\$1.00	\$928.20
76	Perimeter and slope sediment control device, 12 in. dia.	LF	1764.00			1764.00	1,764.00	\$2.00	\$3,528.00

17A

ITEM	DESCRIPTION	UNIT	QUANTITY	AUTHOR Div 2 SW	O-lay	Imprvmts	CONSTRUCTED TO DATE	UNIT PRICE	AMOUNT
77	Removal of Perimeter and slope sediment control device	LF	1764.00			1764.00	1,764.00	\$1.00	\$1,764.00
78	Mobilizations, erosion control	EACH	2.00			2.00	2.00	\$300.00	\$600.00
	Change Orders								
1.01	Water Meter Pit Std. Precast, 48" round	EACH	2.00			2.00	2.00	\$3,100.00	\$6,200.00
2.01	Additional Pole Removals at Signal Unit Price	EACH	2.00	1	0	1	2.00	\$1,500.00	\$3,000.00
2.02	Subdrain Outlet modification w-cleanouts & Rodent Guard	LS	1.00			1	1.00	\$3,095.00	\$3,095.00
2.03	4670 Hubbell Driveway flat sawcut for Radius Modification	LS	1.00			1	1.00	\$300.00	\$300.00
2.04	Flowable Mortar & Additional Outlet Flume excavation	LS	1.00			1	1.00	\$5,000.00	\$5,000.00
2.05	Sidewalk/Retaining wall Form line filler	LS	1.00			1	1.00	\$800.00	\$800.00
3.01	Asphalt Smoothness Incentive	LS	1.00		1		1.00	\$1,350.00	\$1,350.00

TOTAL CONSTRUCTION COST \$1,458,201.23

LESS ANTICIPATED LIQUIDATED DAMAGES (CALENDAR DAYS X \$550) 0 \$0.00

(167)&(808) (167)&(808)

		Div 2 SW	O-lay	Imprvmts
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS	\$1,458,201.23	\$26,090.58	\$118,657.20	\$1,313,453.45
Partial Payment No. 1	\$50,216.14	\$0.00	\$0.00	\$50,216.14
Partial Payment No. 2	\$172,946.15	\$0.00	\$0.00	\$172,946.15
Partial Payment No. 3	\$236,538.09	\$0.00	\$0.00	\$236,538.09
Partial Payment No. 4	\$290,846.92	\$0.00	\$0.00	\$290,846.92
Partial Payment No. 5	\$378,385.43	\$18,256.35	\$78,984.38	\$281,144.70
Partial Payment No. 6	\$239,567.18	\$4,342.30	\$33,397.10	\$201,827.78
Partial Payment No. 7	\$21,312.94	\$2,709.21	\$0.00	\$18,603.73
Partial Payment No. 8	\$21,025.70	\$0.00	\$1,406.50	\$19,619.20
Partial Payment No. 9	\$44,347.08	\$782.72	\$4,869.22	\$38,695.14
This Partial Payment No. 10	\$3,015.60	\$0.00	\$0.00	\$1,005.20

Total Partial Payments \$1,458,201.23 \$26,090.58 \$118,657.20 \$1,311,443.05 TOTAL \$1,458,201.23

Remaining to be Paid \$0.00 \$0.00 \$0.00 \$2,010.40 RETAINED \$0.00

TOTAL LESS RETAINAGE \$1,458,201.23

LESS PREVIOUS PAYMENT \$1,455,185.63

AMOUNT DUE \$3,015.60

Prepared By: Bruce Rydberg

Checked By: 

Percent Completion 100.00%