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DATE October 24, 2016

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT
FOR S.E. 34TH STREET/S.E. 36TH STREET ROADWAY IMPROVEMENTS AT UPRR, GRIMES
ASPHALT AND PAVING CORPORATION**

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 S.E. 34th Street/S.E. 36th Street Roadway Improvements at UPRR, 06-2014-004, in accordance with the contract approved between Grimes Asphalt and Paving Corporation, Kurt Rasmussen, President, 5550 NE 22nd Street, Des Moines, IA 50313, under Roll Call No. 15-0548, of March 23, 2015, 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 \$735,286.65 is the total cost, of which \$712,387.06 has been paid the Contractor, and \$840.99 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$22,058.60 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:

FUNDS AVAILABLE

Kathleen Vanderpool

D. Ritter

Kathleen Vanderpool
Deputy City Attorney

Daniel E. Ritter
Des Moines Finance Director

Funding Source: 2016-2017 CIP, Page Street - 48, UPRR Crossing Closures Mitigation, ST253, Being: \$12,650, Des Moines Water Works reimbursement; and the remaining \$722,636.65, Union Pacific Railroad funds, ST253

COUNCIL ACTION	YEAS	NAYS	Pass	
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



Legend

 PROJECT LOCATION



PROJECT SUMMARY

S.E. 34th Street/S.E. 36th Street Roadway Improvements at UPRR

Activity ID 06-2014-004

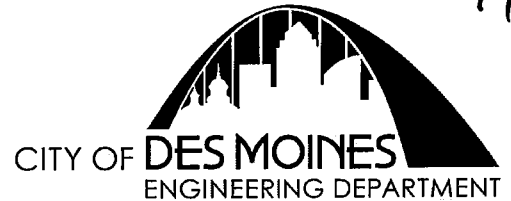
On March 23, 2015, under Roll Call No. 15-0548, the Council awarded the contract for the above improvements to Grimes Asphalt and Paving Corporation, in the amount of \$636,695.25. Tabulated below is a history of project change orders.

<u>Change Order No.</u>	<u>Initiated By</u>	<u>Description</u>	<u>Amount</u>
1	Engineering	4/27/2015 Replacement of unsuitable materials for subgrade of S.E. 35th Street extension.	\$19,536.00
2	Engineering	4/28/2015 Incorporate 15% Fly Ash into subgrade because due to unstable subgrade on the S.E. 35th Street connection to S.E. 36th Street.	\$20,125.00
3	Engineering	7/7/2015 Relocate mailboxes in order to maintain postal service during construction.	\$6,050.00
4	Engineering	11/10/2015 Additional intersection work at S.E. 33rd Street & Scott Avenue for access of Johnsrud's trucks.	\$4,400.00
5	Engineering	2/19/2016 Change in SE 34th Street cul-de-sac construction and deduction of work to remove street on SE 35th Street and complete overlay.	\$20,104.12
6	Engineering	4/6/2016 Additional rock needed for sub-base construction, repair of electrical service, and add re-staking.	\$13,689.54
7	Engineering	4/20/2016 Adjustment of quantities to as-built measurements.	\$21,264.59
8	Engineering	5/17/2016 Adjust contract quantities to as-built measurements, and liquidated damages.	\$(6,849.10)
9	Engineering	10/6/2016 Adjustment of erosion control quantities to as-built measurements.	\$271.25

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Original Contract Amount	\$636,695.25
Total Change Orders	\$98,591.40
Percent of Change Orders to Original Contract	15.48%
Total Contract Amount	\$735,286.65

October 24, 2016



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the S.E. 34th Street/S.E. 36th Street Roadway Improvements at UPRR, Grimes Asphalt and Paving Corporation.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$735,286.65 As-Built Contract Cost

Funding Source: 2016-2017 CIP, Page Street - 48, UPRR Crossing Closures Mitigation, ST253, Being: \$12,650, Des Moines Water Works reimbursement; and the remaining \$722,636.65, Union Pacific Railroad funds, ST253

CERTIFICATION OF COMPLETION:

On March 23, 2015, under Roll Call No. 15-0548, the City Council awarded a contract to Grimes Asphalt and Paving Corporation, Kurt Rasmussen, President, 5550 NE 22nd Street, Des Moines, IA 50313 for the construction of the following improvement:

S.E. 34th Street/S.E. 36th Street Roadway Improvements at UPRR, 06-2014-004

The improvement includes constructing a Hot Mix Asphalt (HMA) overlay, full depth HMA paving, full depth Portland Cement Concrete (PCC) paving, storm sewer modifications, restoration, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 566-067/120, on Laurel Hill Road from SE 34th Street to SE 36th Street, on SE 34th Street from Laurel Hill Road to 393 feet south of Laurel Hill Road, on SE 35th Street from Scott Avenue to 700 feet north of Scott Avenue and on a new street connecting SE 35th Street and SE 36th Street along the south side of the Union Pacific Railroad property in Des Moines, Iowa

I hereby certify that the construction of said S.E. 34th Street/S.E. 36th Street Roadway Improvements at UPRR, Activity ID 06-2014-004, 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 April 9, 2015, and was completed on September 27, 2016.

I further certify that \$735,286.65 is the total cost of said improvement, of which \$712,387.06 has been paid the Contractor and \$840.99 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$22,058.60 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**



**ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 05/27/2016 to 09/21/2016
FINAL PAYMENT (PAYMENT NO. 11)**

**PROJECT: SE 34TH STREET/SE 36TH STREET ROADWAY IMPROVEMENTS AT UPRR
CONTRACTOR: GRIMES ASPHALT AND PAVING CORP.**

**Activity ID: 06-2014-004
Date: 09/22/2016**

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	MOBILIZATION	LS	1.000	1.000	1.000	\$48,000.00	\$48,000.00
2	CLEARING AND GRUBBING	UNIT	235.000	307.000	307.000	\$55.00	\$16,885.00
3	CLEARING AND GRUBBING	ACRE	0.140	0.140	0.140	\$22,000.00	\$3,080.00
4	TOPSOIL, ON-SITE	CY	470.000	83.000	83.000	\$18.00	\$1,494.00
5	TOPSOIL, OFF-SITE	CY	145.000	212.020	212.020	\$44.00	\$9,328.88
6	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	1,640.000	1,640.000	1,640.000	\$19.25	\$31,570.00
7	SUBGRADE PREPARATION, 6" DEPTH	SY	2,465.000	420.000	420.000	\$2.20	\$924.00
8	SUBGRADE PREPARATION, 12" DEPTH	SY	2,445.000	2,345.000	2,345.000	\$3.00	\$7,035.00
9	SUBGRADE TREATMENT - GEOGRID	SY	190.000	1,786.700	1,786.700	\$5.50	\$9,826.85
10	SUBBASE - MODIFIED, 6" DEPTH	SY	1,630.000	0.000	0.000	\$9.50	\$0.00
11	SUBBASE - SALVAGED HMA MILLINGS, 4" DEPTH	SY	491.000	0.000	0.000	\$16.00	\$0.00
12	SUBBASE - SPECIAL BACKFILL, 6" DEPTH (PLACE ONLY)	SY	950.000	1,368.000	1,368.000	\$10.00	\$13,680.00
13	STORM SEWER, TRENCHED, CLASS III RCP, 15" DIA.	LF	46.000	45.500	45.500	\$77.00	\$3,503.50
14	REMOVAL OF STORM SEWER, 36" RCP	LF	3.000	3.000	3.000	\$121.00	\$363.00
15	PIPE CULVERT, TRENCHED, 14 GAGE CMP, 12" DIA.	LF	89.000	0.000	0.000	\$44.00	\$0.00
16	PIPE CULVERT, TRENCHED, 14 GAGE CMP, 15" DIA.	LF	141.000	149.400	149.400	\$55.00	\$8,217.00
17	PIPE CULVERT, TRENCHED, 16 GAGE CMP, 24" DIA.	LF	17.000	17.000	17.000	\$99.00	\$1,683.00
18	PIPE APRON, CMP, 12" DIA.	EACH	4.000	0.000	0.000	\$275.00	\$0.00
19	PIPE APRON, CMP, 15" DIA.	EACH	4.000	4.000	4.000	\$330.00	\$1,320.00
20	PIPE APRON, CMP, 24" DIA.	EACH	1.000	1.000	1.000	\$550.00	\$550.00
21	SUBDRAIN, LONGITUDINAL, 6" DIA.	LF	305.000	403.000	403.000	\$22.00	\$8,866.00
22	SUBDRAIN OUTLET, 6" DIA.	EACH	4.000	4.000	4.000	\$302.50	\$1,210.00
23	MANHOLE, TYPE SW-402, 40" x 60"	EACH	1.000	1.000	1.000	\$7,150.00	\$7,150.00
24	INTAKE, TYPE SW-501	EACH	2.000	2.000	2.000	\$5,280.00	\$10,560.00
25	MANHOLE ADJUSTMENT, MINOR	EACH	1.000	1.000	1.000	\$825.00	\$825.00
26	PAVEMENT, PCC, 8 IN. THICK	SY	1,435.000	1,444.010	1,444.010	\$64.00	\$92,416.64
27	HOT MIX ASPHALT, 300,000 ESAL, SURFACE COURSE, 1/2 IN. MIX	TON	1,030.000	1,132.980	1,132.980	\$98.00	\$111,032.04
28	HOT MIX ASPHALT, 300,000 ESAL, BASE / LEVELING COURSE, 1/2 IN. MI	TON	790.000	1,064.000	1,064.000	\$98.00	\$104,272.00
29	REMOVAL OF SIDEWALK	SY	3.000	10.880	10.880	\$55.00	\$598.40

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
30	REMOVAL OF PAVED DRIVEWAY	SY	233.000	239.100	239.100	\$13.75	\$3,287.63
31	DRIVEWAY, PAVED, HMA, 2 IN. THICK	SY	46.000	136.910	136.910	\$53.00	\$7,256.23
32	DRIVEWAY, PAVED, HMA, 6 IN. THICK	SY	80.000	0.000	0.000	\$63.00	\$0.00
33	DRIVEWAY, PAVED, PCC, 6 IN. THICK	SY	61.000	66.730	66.730	\$49.50	\$3,303.14
34	DRIVEWAY, PAVED, PCC, 8 IN. THICK	SY	121.000	115.120	115.120	\$60.50	\$6,964.76
35	DRIVEWAY, GRANULAR	TON	107.000	818.670	818.670	\$30.25	\$24,764.77
36	PAVEMENT MILLING, PARTIAL DEPTH	SY	266.000	181.020	181.020	\$17.00	\$3,077.34
37	PAVEMENT MILLING, FULL DEPTH	SY	378.000	0.000	0.000	\$13.00	\$0.00
38	REMOVAL OF PAVEMENT	SY	906.000	913.750	913.750	\$12.00	\$10,965.00
39	ASPHALT STABILIZATION, 6 IN. THICK	SY	3,570.000	3,524.900	3,524.900	\$8.50	\$29,961.65
40	CONVENTIONAL SEEDING, TYPE 1	ACRE	1.800	0.880	0.880	\$2,035.00	\$1,790.80
41	MULCHING	ACRE	3.450	1.690	1.690	\$1,650.00	\$2,788.50
42	SOD	SQ	110.000	99.350	99.350	\$66.00	\$6,557.10
43	STORMWATER POLLUTION PREVENTION	LS	1.000	1.000	1.000	\$2,420.00	\$2,420.00
44	FILTER SOCK, 9" DIA.	LF	1,885.000	220.000	220.000	\$1.75	\$385.00
45	FILTER SOCK, REMOVAL	LF	1,885.000	220.000	220.000	\$0.25	\$55.00
46	TEMPORARY ROLLED EROSION CONTROL PRODUCTS (RECP), TYPE 2	SY	850.000	523.300	523.300	\$1.50	\$784.95
47	RIP RAP, TYPE D	TON	16.000	0.000	0.000	\$82.50	\$0.00
48	SILT FENCE FOR DITCH CHECK	LF	150.000	0.000	0.000	\$3.30	\$0.00
49	SILT FENCE FOR DITCH CHECK, REMOVAL OF SEDIMENT	LF	150.000	0.000	0.000	\$1.10	\$0.00
50	SILT FENCE FOR DITCH CHECK, REMOVAL OF DEVICE	LF	150.000	0.000	0.000	\$1.10	\$0.00
51	GATE, 6' X 20' CHAIN LINK SINGLE CANTILEVERED W/BARBED WIRE	EACH	1.000	1.000	1.000	\$3,600.00	\$3,600.00
52	REMOVAL OF FENCE	LF	235.000	244.800	244.800	\$4.25	\$1,040.40
53	TRAFFIC CONTROL	LS	1.000	1.000	1.000	\$9,500.00	\$9,500.00
54	PROJECT SIGN, SMALL	EACH	3.000	3.000	3.000	\$83.00	\$249.00
55	GRANULAR SHOULDER	TON	105.000	157.400	157.400	\$50.00	\$7,870.00
56	NEW STOP BOX HOUSING	EACH	2.000	0.000	0.000	\$770.00	\$0.00
57	NEW STOP BOX ROD	EACH	2.000	0.000	0.000	\$770.00	\$0.00
58	CHECK DEPTH OF WATER SERVICE	EACH	1.000	1.000	1.000	\$2,200.00	\$2,200.00
59	LOWER WATER SERVICE	EACH	1.000	0.000	0.000	\$2,750.00	\$0.00
60	LOWER WATER SERVICE W/COPPER	EACH	1.000	0.000	0.000	\$4,510.00	\$0.00
61	TREE PROTECTION	LS	1.000	1.000	1.000	\$2,750.00	\$2,750.00
62	TREE PROTECTION FENCE	LF	1,425.000	1,114.000	1,114.000	\$4.50	\$5,013.00
63	UPRR INSURANCE PROVISIONS	LS	1.000	1.000	1.000	\$7,500.00	\$7,500.00
64	REMOVAL OF FIRE HYDRANT ON EXISTING MAIN AT STA 9+90	EACH	1.000	1.000	1.000	\$3,025.00	\$3,025.00
65	FIRE HYDRANT ASSEMBLY ON EXISTING WATER MAIN AT STA 8+86	EACH	1.000	1.000	1.000	\$6,600.00	\$6,600.00
66	FIRE HYDRANT RELOCATION AT STA 30+39	EACH	1.000	1.000	1.000	\$3,025.00	\$3,025.00
1.01	REPLACEMENT OF UNSUITABLE MATERIALS	CY		558.000	558.000	\$26.40	\$14,731.20

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
2.01	FLY ASH	TON		70.250	70.250	\$175.00	\$12,293.75
3.01	RELOCATE MAILBOXES AND MAINTAIN POSTAL SERVICE	LS		1.000	1.000	\$6,050.00	\$6,050.00
4.01	SE 33RD ST. & SCOTT AVE. ADDITIONAL WORK	LS		1.000	1.000	\$2,500.00	\$2,500.00
4.02	TEMPORARY "NO PARKING" SIGNS	LS		1.000	1.000	\$1,900.00	\$1,900.00
5.01	SUBBASE PLACEMENT, REMOVAL, AND REPLACEMENT	TON		754.880	754.880	\$57.00	\$43,028.16
6.01	REPAIR OF ELECTRICAL SERVICE TO JOHNSRUD	LS		1.000	1.000	\$3,916.00	\$3,916.00
6.02	RE-STAKING COSTS	LS		1.000	1.000	(\$171.75)	(\$171.75)
8.01	REMOVE AND REPLACE SIGN	LS		1.000	1.000	\$1,875.00	\$1,875.00
8.02	ADDITIONAL ELECTRICAL REPAIR TO JOHNSRUD SERVICE	LS		1.000	1.000	\$1,913.56	\$1,913.56
8.03	RE-STAKING COSTS	LS		1.000	1.000	(\$123.85)	(\$123.85)
8.04	LIQUIDATED DAMAGES	LS		7.500	7.500	(\$500.00)	(\$3,750.00)
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$735,286.65			
	THIS PARTIAL PAYMENT			\$840.99			
	PARTIAL PAYMENT #1			\$106,553.19			
	PARTIAL PAYMENT #2			\$279,154.43			
	PARTIAL PAYMENT #3			\$4,143.63			
	PARTIAL PAYMENT #4			\$5,868.50			
	PARTIAL PAYMENT #5			\$18,704.69			
	PARTIAL PAYMENT #6			\$14,455.23			
	PARTIAL PAYMENT #7			\$18,765.10			
	PARTIAL PAYMENT #8			\$156,438.55			
	PARTIAL PAYMENT #9			\$103,934.72			
	PARTIAL PAYMENT #10			\$4,369.02			
	TOTAL PARTIAL PAYMENTS			\$713,228.05			
	BALANCE			\$22,058.60			

PREPARED BY: *Josh Z Ent*

CHECKED BY: *Matt*

TOTAL	\$735,286.65
RETAINAGE	\$22,058.60
TOTAL LESS RETAINAGE	\$713,228.05
LESS PREVIOUS PAYMENT	\$712,387.06
AMOUNT DUE	\$840.99

FINAL PAYMENT (PAYMENT NO. 11)

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