

★ Roll Call Number

Agenda Item Number

13 C

DATE December 4, 2017

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR GEORGE FLAGG PARKWAY RESURFACING FROM PARK AVENUE TO S.W. 30TH STREET, 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 George Flagg Parkway Resurfacing from Park Avenue to S.W. 30th Street, 06-2016-004, 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. 17-0553, of March 20, 2017, 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 \$1,588,349.68 is the total cost, of which \$1,540,699.19 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 \$47,650.49 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

Funding Source: 2017-2018 CIP, Page Street - 30, Roadway Reconstruction, ST260, Being: Road Use Tax

FUNDS AVAILABLE

Robert L. Fagen Des Moines Finance Director

Table with 5 columns: COUNCIL ACTION, YEAS, NAYS, Pass, ABSENT. Rows include COWNIE, COLEMAN, GATTO, GRAY, HENSLEY, MOORE, WESTERGAARD, and TOTAL.

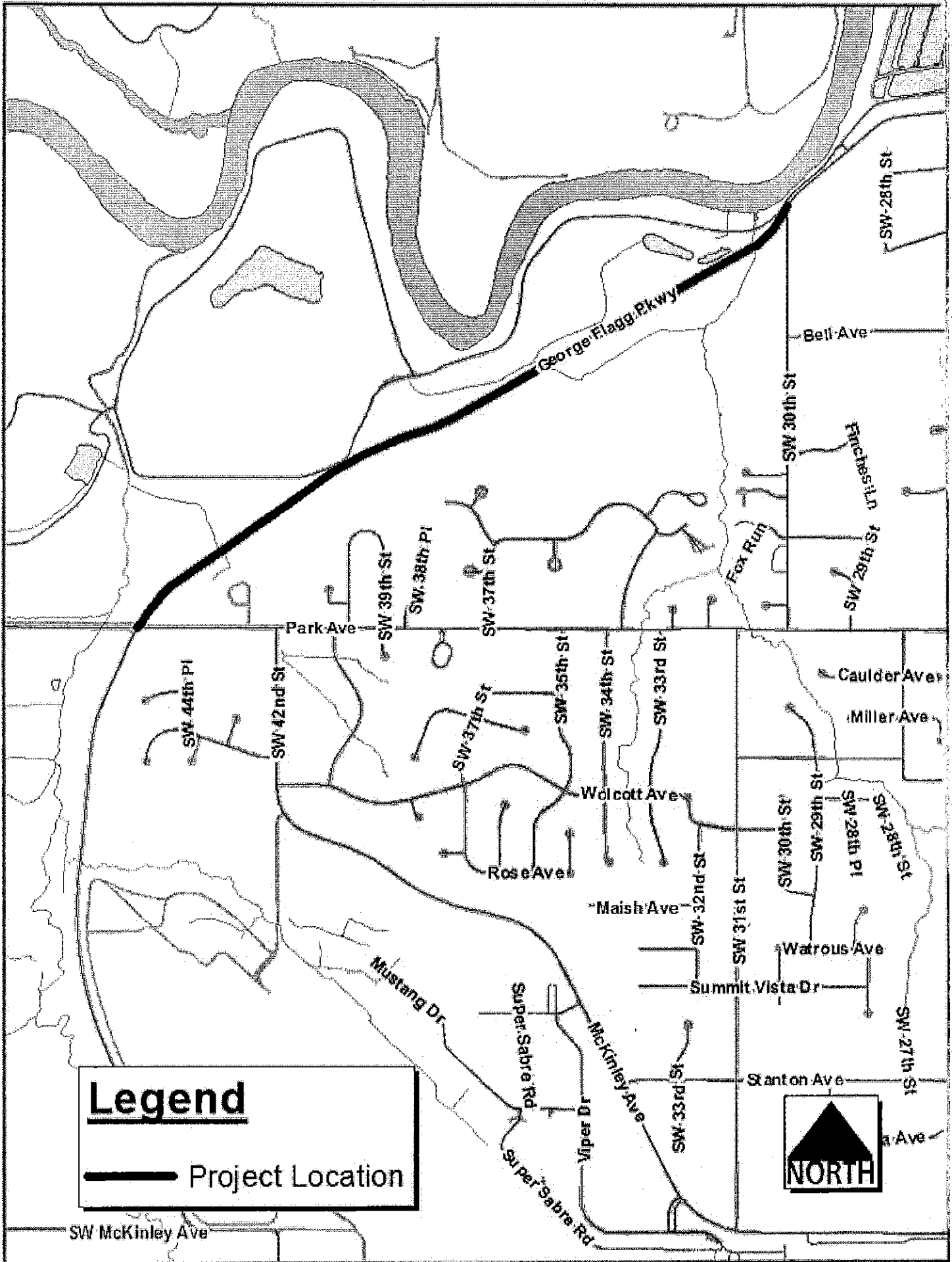
CERTIFICATE

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

George Flagg Parkway Resurfacing from Park Avenue to S.W. 30th Street

Activity ID 06-2016-004

On March 20, 2017, under Roll Call No. 17-0553, the Council awarded the contract for the above improvements to Grimes Asphalt and Paving Corporation, in the amount of \$1,425,175.00. 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	City	4/3/2017 Part A items are to delete items from the contract. Add smoothness provisions to the contract and added item to remove, crush, and reinstall existing pavement as granular subbase material.	\$23,512.50
2	City	5/9/2017 Item 2.01 is for subgrade treatment to 12" depth using fly ash or pozzo stone.	\$24,900.00
3	City	6/21/2017 Part A Items are to adjust contract quantities to as-built quantities for the following items: 6) remove and replace unsuitable subgrade, 7) geogrid, 8) engineering fabric, 10) special backfill, 11) temporary granular surfacing, 17) HMA surface, 18) HMA base, and 33) tree protection fence. Part B item 3.01 includes additional temporary traffic control signing.	\$24,223.33
4	City	7/12/2017 Part A Items are to extend quantities on 21) 7" PCC Driveway and 2.01) Subgrade Treatment. Part B Item 4.01) Ditch Protection & Shaping is to core, shape, and armor drainage ditch along the project.	\$24,960.00
5	City	8/10/2017	\$24,944.85

Part A Items are to adjust contract quantities to as-built quantities, including the following: 2) Changeable Message Sign, 5) Shoulder Finishing, 18) Cleaning and Prep of Base, 19) 6" PCC Sidewalk, 20) Detectable Warnings 21) 7" PCC Driveway, 22) Class 'A' Stone, 24) Pavement Removal, 27) Filter Sock, 28) Filter Sock Removal, 29) Hydromulch, and 2.01) Subgrade Treatment. Part B Item 5.01 is to trim trees in the work area to avoid damage by construction equipment. Part B Item 5.02 is to add a 'STOP' sign along Bill Riley Trail at the intersection with SW30th Street.

6	City	9/13/2017	\$24,960.00
		Change order is to extend quantity for Item 2.01, Subgrade Treatment, due to unanticipated over-run.	
7	City	10/6/2017	\$15,674.00
		Part A Items are to adjust contract quantities to as-built quantities, including the following: 25) Seeding, and 2.01) Subgrade Treatment.	
		<b>Original Contract Amount</b>	\$1,425,175.00
		<b>Total Change Orders</b>	\$163,174.68
		<b>Percent of Change Orders to Original Contract</b>	11.45%
		<b>Total Contract Amount</b>	\$1,588,349.68

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December 4, 2017



**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the George Flagg Parkway Resurfacing from Park Avenue to S.W. 30th Street, 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: \$1,588,349.68 As-Built Contract Cost

Funding Source: 2017-2018 CIP, Page Street - 30, Roadway Reconstruction, ST260, Being: Road Use Tax

**CERTIFICATION OF COMPLETION:**

On March 20, 2017, under Roll Call No. 17-0553, 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:

George Flagg Parkway Resurfacing from Park Avenue to S.W. 30th Street, 06-2016-004

The improvement includes widening George Flagg Parkway from 21 feet to 24 feet with 6-inch thick Portland Cement Concrete (PCC) base pavement and 6-inch Hot Mix Asphalt (HMA) overlay pavement, PCC sidewalk, pavement scarification, pavement removal, ditch grading, pavement markings, erosion control, site restoration, and other associated work and incidental items; in accordance with the contract documents, including Plan File Nos. 578-130/197, along George Flagg Parkway from 500' north of Park Avenue to S.W. 30th Street, Des Moines, Iowa

I hereby certify that the construction of said George Flagg Parkway Resurfacing from Park Avenue to S.W. 30th Street, Activity ID 06-2016-004, 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 March 29, 2017, and was completed on November 21, 2017.

I further certify that \$1,588,349.68 is the total cost of said improvement, of which \$1,540,699.19 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 \$47,650.49 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 10/6/2017 TO 10/31/2017  
FINAL PAYMENT (PARTIAL PAYMENT NO. 5)

PROJECT: GEORGE FLAGG PARKWAY REHABILITATION  
CONTRACTOR: GRIMES ASPHALT & PAVING CORP.

Activity ID: 06-2016-004  
Date: 10/31/2017

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	\$7,750.00	\$7,750.00
2	CHANGEABLE MESSAGE SIGN	DAY	14.000	16.000	16.000	\$107.00	\$1,712.00
3	CLASS 10 EXCAVATION, WASTE	CY	1,345.000	1,345.000	1,345.000	\$27.00	\$36,315.00
4	CLASS 13 EXCAVATION, WASTE	CY	2,675.000	2,675.000	2,675.000	\$30.00	\$80,250.00
5	SHOULDER FINISHING, EARTH	STA	122.000	98.650	98.650	\$150.00	\$14,797.50
6	UNSUITABLE SUBGRADE, REMOVE AND REPLACE	CY	100.000	0.000	0.000	\$107.00	\$0.00
7	SUBGRADE TREATMENT, GEOGRID	SY	500.000	0.000	0.000	\$2.25	\$0.00
8	SUBGRADE TREATMENT, ENGINEERING FABRIC	SY	25.000	0.000	0.000	\$4.00	\$0.00
9	MODIFIED SUBBASE	TON	1,920.000	0.000	0.000	\$36.00	\$0.00
10	SPECIAL BACKFILL	TON	1,665.000	0.000	0.000	\$35.00	\$0.00
11	TEMPORARY GRANULAR SURFACING	SY	25.000	11.000	11.000	\$125.00	\$1,375.00
12	STORM SEWER PIPE, DIP, 10 IN DIA, TRENCHED	LF	40.000	40.000	40.000	\$127.00	\$5,080.00
13	LONGITUDINAL SUBDRAIN, 6 IN DIA	LF	185.000	0.000	0.000	\$37.00	\$0.00
14	SUBDRAIN OUTLET	EACH	1.000	0.000	0.000	\$550.00	\$0.00
15	6 IN PCC BASE/WIDENING PAVEMENT	SY	4,803.000	0.000	0.000	\$37.00	\$0.00
16	HMA, HIGH TRAFFIC, SURFACE, 1/2", NO FRICTION	TON	2,200.000	3,588.460	3,588.460	\$102.00	\$366,022.92
17	HMA, HIGH TRAFFIC, BASE, 3/4", NO FRICTION	TON	4,400.000	3,818.620	3,818.620	\$93.00	\$355,131.66
18	CLEANING AND PREPARATION OF BASE	MILE	1.200	0.000	0.000	\$1,100.00	\$0.00
19	6 IN PCC SIDEWALK PAVEMENT	SY	72.000	76.400	76.400	\$148.00	\$11,307.20
20	DETECTABLE WARNINGS	SF	92.000	98.000	98.000	\$50.00	\$4,900.00
21	7 IN PCC DRIVEWAY PAVEMENT	SY	130.000	185.800	185.800	\$100.00	\$18,580.00
22	CLASS 'A' CRUSHED STONE	TON	1,517.000	1,164.080	1,164.080	\$40.00	\$46,563.20
23	PAVEMENT SCARIFICATION	SY	12,455.000	0.000	0.000	\$5.00	\$0.00
24	REMOVAL OF PAVEMENT	SY	2,514.000	212.550	212.550	\$29.00	\$6,163.95
25	SEEDING, FERTILIZING AND MULCHING FOR HYDRAULIC SEEDING	ACRE	3.000	1.340	1.340	\$2,500.00	\$3,350.00
26	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)	LS	1.000	1.000	1.000	\$4,100.00	\$4,100.00
27	COMPOST FILTER SOCK, 8 IN.	LF	800.000	487.000	487.000	\$3.00	\$1,461.00
28	REMOVE COMPOST FILTER SOCK	LF	800.000	487.000	487.000	\$1.00	\$487.00

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
29	EROSION CONTROL MULCHING, HYDROMULCH	ACRE	3.000	6.000	6.000	\$1,375.00	\$8,250.00
30	MOBILIZATION	LS	1.000	1.000	1.000	\$51,554.00	\$51,554.00
31	CONCRETE WASHOUT	LS	1.000	1.000	1.000	\$1,875.00	\$1,875.00
32	TREE PROTECTION PLAN	LS	1.000	1.000	1.000	\$1,200.00	\$1,200.00
33	TREE PROTECTION FENCE	LF	1,200.000	1,485.000	1,485.000	\$3.75	\$5,568.75
34	PERMANENT TAPE, PREFORMED POLYMER INLAY	STA	25.200	25.200	25.200	\$450.00	\$11,340.00
1.01	SMOOTHNESS	LS	0.000	1.000	1.000	\$10,000.00	\$10,000.00
1.02	REMOVE, CRUSH, AND REINSTALL EXISTING PAVEMENT AS BASE	LS	0.000	1.000	1.000	\$402,263.50	\$402,263.50
2.01	SUBGRADE TREATMENT , 12 IN DEPTH	SY	0.000	19,314.000	19,314.000	\$6.00	\$115,884.00
3.01	TEMPORARY SIGNING	LS	0.000	1.000	1.000	\$550.00	\$550.00
4.01	DITCH PROTECTION & SHAPING	TON	0.000	65.000	65.000	\$200.00	\$13,000.00
5.01	TREE TRIMMING	LS	0.000	1.000	1.000	\$1,325.00	\$1,325.00
5.02	TRAIL SIGNAGE	EACH	0.000	1.000	1.000	\$193.00	\$193.00
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$1,588,349.68				
PARTIAL PAYMENT 01			\$547,701.57				
PARTIAL PAYMENT 02			\$611,328.70				
PARTIAL PAYMENT 03			\$305,395.39				
PARTIAL PAYMENT 04			\$76,273.53				
THIS PARTIAL PAYMENT			\$0.00				
TOTAL PARTIAL PAYMENTS			\$1,540,699.19				
BALANCE			\$47,650.49				

TOTAL	\$1,588,349.68
RETAINAGE	\$47,650.49
TOTAL LESS RETAINAGE	\$1,540,699.19
LESS PREVIOUS PAYMENT	\$1,540,699.19
AMOUNT DUE	\$0.00

PREPARED BY: Brett Leuro

CHECKED BY: Matt R...

CONTRACTOR: [Signature]

FINAL PAYMENT (PARTIAL PAYMENT NO. 5)