

★ Roll Call Number

Agenda Item Number

160

DATE August 14, 2017

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 2016 PARKING GARAGE REPAIR PROGRAM, WESTERN WATERPROOFING CO., INC. D/B/A WESTERN SPECIALTY CONTRACTORS

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 2016 Parking Garage Repair Program, 04-2016-007, in accordance with the contract approved between Western Waterproofing Co., Inc. d/b/a Western Specialty Contractors, Benjamin M. Bishop, President, 1829 Industrial Circle, West Des Moines, IA 50265, under Roll Call No. 16-0618, of April 11, 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 \$564,500.44 is the total cost, of which \$547,565.43 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 \$16,935.01 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

Robert L. Fagen
Des Moines Finance Director

Funding Source: 2017-2018 CIP, Page Parking - 4, Parking Facility Rehab/Repair Program, PG016, Parking System Revenue

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

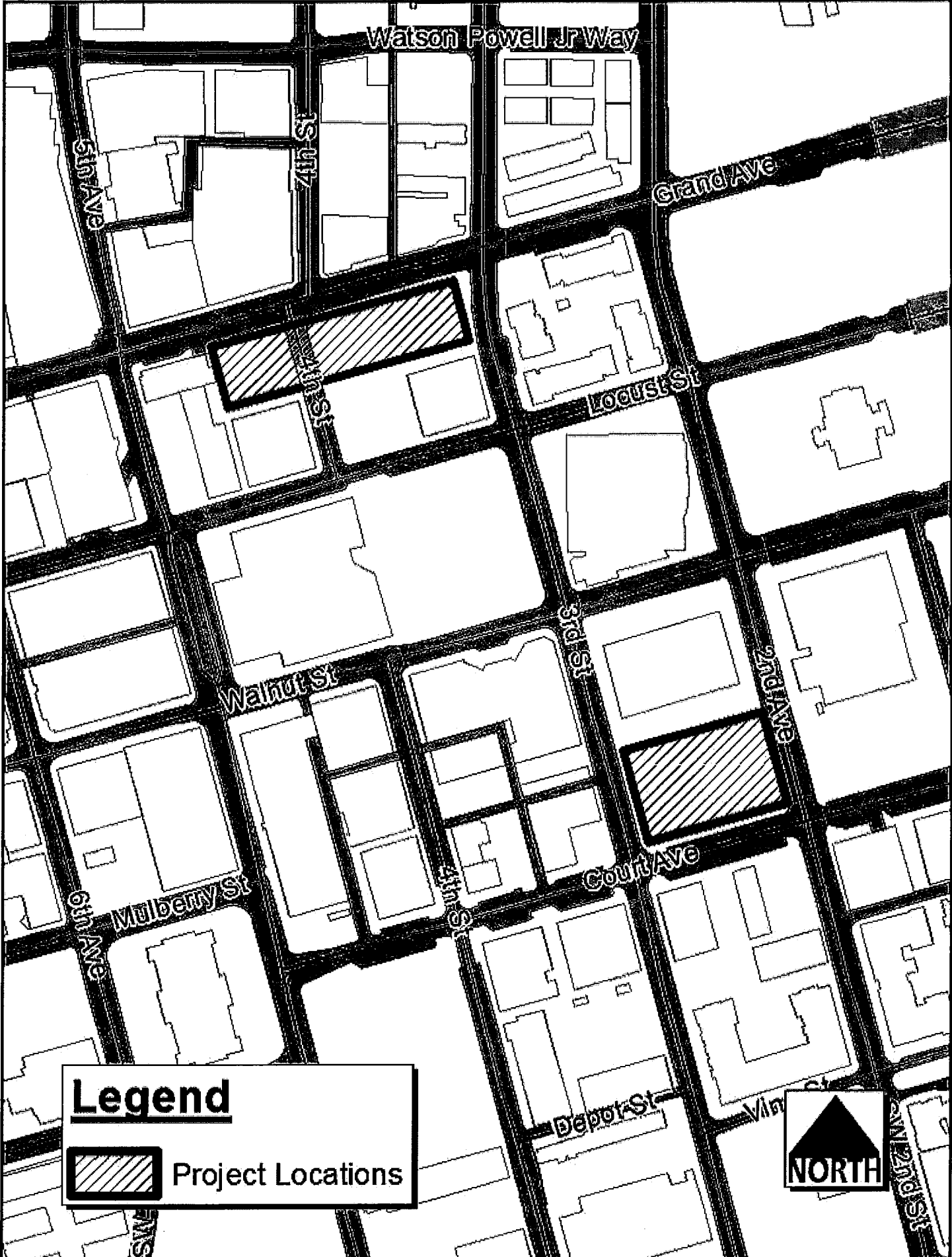
CERTIFICATE

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



Legend

 Project Locations



PROJECT SUMMARY

2016 Parking Garage Repair Program

Activity ID 04-2016-007

On April 11, 2016, under Roll Call No. 16-0618, the Council awarded the contract for the above improvements to Western Waterproofing Co., Inc. d/b/a Western Specialty Contractors, in the amount of \$281,001.17. Tabulated below is a history of project change orders.

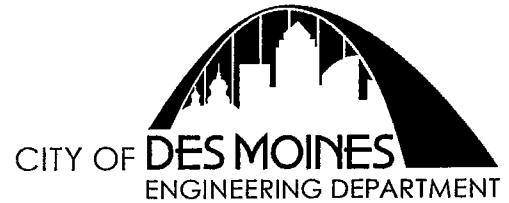
Change Order No.	Initiated By	Description	Amount
1	City	5/17/2016 Sandblast and prime structural members of 4th & Grand south middle stair tower.	\$18,175.00
2	City	6/22/2016 Sandblast and prime 6 locations for additional structural steel testing.	\$1,795.00
3	City	8/8/2016 Additional structural repairs in the 4th & Grand Parking Garage.	\$125,000.00
4	City	9/21/2016 Extensive corrosion was exposed while performing standard beam repair that required additional shoring (decrease Beam Repair bid item #3 and increase Type A Beam Repair bid item #4).	\$23,904.10
5	City	11/17/2016 Additional structural repairs in the 4th & Grand Parking Garage.	\$24,980.00
6	City	12/5/2016 Additional structural repairs in the 4th & Grand Parking Garage.	\$24,950.00
7	City	1/9/2017 Additional structural repairs in the 4th & Grand Parking Garage.	\$24,860.00
8	City	2/20/2017 Additional structural repairs in the 4th & Grand Parking Garage. Lower bid item # 1, 3 & 12 and increase bid item #4, 5, & 6.	\$24,121.36

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9	City	4/25/2017	\$15,713.81
		Additional structural repairs in the 4th & Grand Parking Garage. Lower bid item # 2, 7, 11 & 13 and increase bid item #4, 5, 6, 8, 9, & 10.	
		Original Contract Amount	\$281,001.17
		Total Change Orders	\$283,499.27
		Percent of Change Orders to Original Contract	100.89%
		Total Contract Amount	\$564,500.44

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August 14, 2017



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the 2016 Parking Garage Repair Program, Western Waterproofing Co., Inc. d/b/a Western Specialty Contractors.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$564,500.44 As-Built Contract Cost

Funding Source: 2017-2018 CIP, Page Parking – 4, Parking Facility Rehab/Repair Program, PG016, Parking System Revenue

CERTIFICATION OF COMPLETION:

On April 11, 2016, under Roll Call No. 16-0618, the City Council awarded a contract to Western Waterproofing Co., Inc. d/b/a Western Specialty Contractors, Benjamin M. Bishop, President, 1829 Industrial Circle, West Des Moines, IA 50265 for the construction of the following improvement:

2016 Parking Garage Repair Program, 04-2016-007

The improvement includes the repair of beam connections, concrete removal, reinforcing steel, concrete patching, structural concrete, shoring, expansion joint repair, storm drains, traffic control, and mobilization; all in accordance with the contract documents, including Plan File Nos. 571-173/191, located at the 3rd & Court and 4th & Grand Parking Garages, Des Moines, Iowa.

I hereby certify that the construction of said 2016 Parking Garage Repair Program, Activity ID 04-2016-007, 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 18, 2016, and was completed on July 26, 2017.

I further certify that \$564,500.44 is the total cost of said improvement, of which \$547,565.43 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 \$16,935.01 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 5/23/2017 to 7/3/2017
FINAL PARTIAL PAYMENT

Proj No: N/A

Activity ID: 04-2016-007

Date: 7/21/2017

PROJECT: 2016 PARKING GARAGE REPAIR PROGRAM
CONTRACTOR: WESTERN WATERPROOFING CO., INC.

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	PARTIAL DEPTH FLOOR SLAB REPAIR	SF	453.000	199.600	199.600	\$51.80	\$10,339.28
2	FULL DEPTH FLOOR SLAB REPAIR	SF	37.000	5.000	5.000	\$88.09	\$440.45
3	BEAM REPAIRS	SF	708.000	418.500	418.500	\$107.85	\$45,135.23
4	BEAM REPAIR - TYPE A	SF	60.000	295.100	295.100	\$248.05	\$73,199.56
5	COLUMN REPAIRS	SF	17.000	100.850	100.850	\$100.32	\$10,117.27
6	CORBEL REPAIR	EA	5.000	15.000	15.000	\$1,801.27	\$27,019.05
7	BOTTOM DOUBLE TEE REPAIR	SF	24.000	6.200	6.200	\$111.30	\$690.06
8	CONCRETE WALL REPAIR	SF	8.000	123.800	123.800	\$104.97	\$12,995.29
9	PRECAST WALL REPAIR	SF	157.000	277.600	277.600	\$69.70	\$19,348.72
10	EXPANSION JOINT REPAIR - TYPE A	LF	63.000	134.000	134.000	\$58.74	\$7,871.16
11	EXPANSION JOINT REPAIR - TYPE B	LF	531.000	374.200	374.200	\$60.13	\$22,500.65
12	CONCRETE REPAIRS - STAIRS	SF	210.000	196.300	196.300	\$99.54	\$19,539.70
13	CONSTRUCTION/CONTROL JOINT REPAIR	LF	317.000	303.000	303.000	\$6.28	\$1,902.84
14	FLOOR DRAINS	EA	12.000	12.000	12.000	\$2,791.94	\$33,503.28
15	CLEAN & PROTECT PRECAST PANEL WELD PLATE	EA	19.000	19.000	19.000	\$186.26	\$3,538.94
16	STEEL BEAM REPAIR (3rd & COURT)	EA	2.000	2.000	2.000	\$1,258.84	\$2,517.68
17	TRAFFIC CONTROL	LS	1.000	1.000	1.000	\$3,214.11	\$3,214.11
18	MOBILIZATION	LS	1.000	1.000	1.000	\$21,572.17	\$21,572.17
19	ELECTRICAL ALLOWANCE	LS	1.000	1.000	1.000	\$15,000.00	\$15,000.00
1.01	SANDBLASTING SOUTH STAIR	LS	1.000	1.000	1.000	\$18,175.00	\$18,175.00
2.01	REPAIR BRIDGE	LS	1.000	1.000	1.000	\$1,795.00	\$1,795.00
3.01	SE STAIR AND BEAM REPAIR	LS	1.000	1.000	1.000	\$125,000.00	\$125,000.00
5.01	ADDITIONAL PILING & FOOTING	LS	1.000	1.000	1.000	\$24,980.00	\$24,980.00
6.01	1/4 INCH WELDED PLATES	EA	56.000	56.000	56.000	\$420.00	\$23,520.00
6.02	SEALANT	LS	1.000	1.000	1.000	\$1,430.00	\$1,430.00
7.01	T-BEAM REPAIR AS PER NEW DETAIL	LS	1.000	1.000	1.000	\$24,860.00	\$24,860.00
8.01	REPAIR CONNECTIONS LEVELS 3,5 & 6	EA	3.000	3.000	3.000	\$3,365.00	\$10,095.00
8.02	ADD 3 STRANDS TO T-BEAM REPAIR	EA	3.000	3.000	3.000	\$1,400.00	\$4,200.00
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$564,500.44				
PARTIAL PAYMENT #1			\$21,422.49				
PARTIAL PAYMENT #2			\$81,770.97				
PARTIAL PAYMENT #3			\$66,829.61				
PARTIAL PAYMENT #4			\$43,368.80				
PARTIAL PAYMENT #5			\$90,774.34				
PARTIAL PAYMENT #6			\$76,423.94				
PARTIAL PAYMENT #7			\$49,532.17				
PARTIAL PAYMENT #8			\$60,134.00				
PARTIAL PAYMENT #9			\$16,773.99				
PARTIAL PAYMENT #10			\$13,866.15				
PARTIAL PAYMENT #11			\$11,323.97				
PARTIAL PAYMENT #12			\$9,306.75				
PARTIAL PAYMENT #13			\$6,038.25				
THIS PARTIAL PAYMENT			\$0.00				
TOTAL PARTIAL PAYMENTS			\$547,565.43				
BALANCE			\$16,935.01				

CONTRACTOR:

PREPARED BY:

CHECKED BY:

TOTAL	\$564,500.44
RETAINAGE	\$16,935.01
TOTAL LESS RETAINAGE	\$547,565.43
LESS PREVIOUS PAYMENT	\$547,565.43
AMOUNT DUE	\$0.00

FINAL PARTIAL PAYMENT