

★ Roll Call Number

Agenda Item Number

7

Date May 20, 2019

APPROVING CHANGE ORDER NO. 4 WITH JASPER CONSTRUCTION SERVICES, INC. FOR ADDITIONAL WORK ON COURT AVENUE, S.W. 1st STREET, AND SCOTT AVENUE BRIDGE REHABILITATION, IN THE AMOUNT OF \$208,701.64

BE IT RESOLVED by the City Council of the City of Des Moines, Iowa, that the attached Change Order No. 4 between the City of Des Moines and Jasper Construction Services, Inc., Cliff Rhoads, 928 N. 19th Avenue East, Newton, IA, 50208, for additional work on Court Avenue, S.W. 1st Street, and Scott Avenue Bridge Rehabilitations, in an amount not to exceed \$208,701.64, be and is hereby approved, and the City Manager is authorized and directed to execute said change order

(Council Letter Number 19-299 attached) Activity ID 12-2017-003

Moved by _____ to adopt.

FORM APPROVED: Kathleen Vanderbol Deputy City Attorney

Funding Source: 2019-20 CIP, Page Bridge – 5, Court Avenue Bridge over the Des Moines River, BR054

Table with 5 columns: COUNCIL ACTION, YEAS, NAYS, PASS, ABSENT. Rows include COWNIE, BOESEN, COLEMAN, GATTO, GRAY, MANDELBAUM, 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



Form 830240 (11-15)
modified

Court Avenue, SW 1st Street, and
Scott Avenue Bridge Rehabilitations
City Activity ID: 12-2017-003

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CONTRACT MODIFICATION

No. 4

Non-Substantial: Part
Substantial: Non-Part

Concurrence Date _____

Contract ID: 77-1945-839

County: Polk

Accounting ID: 34964

Project No: STP-U-1945(839)--70-77

Kind of Work: Bridge Rehabilitation

Date Prepared: June 10, 2019

Contractor: Jasper Construction Services

You are hereby authorized to make the following changes to the contract documents.

A – Description of changes to be made or extra work to be done:

See Section C-2 for description/justification for adjustment to contract completion requirements.

7004: Increase quantity for Bid Item No. 0100 "Deck Repair, Class A, Special" by 40.3 SY, for a final authorized total of 410.3 SY. These additional repair areas are for the deck repair work completed to date and is considered the final quantity. All Class A repairs areas were measured by the City's Surveyor.

7005: Increase quantity for Bid Item No. 0120 "Concrete Repair" by 150 SF, for a final authorized total of 2010 SF.

7006: Increase quantity for Bid Item No. 8014 "Class B Repair, Alt." by 375.5 SY, for an authorized total of 775.5 SY. These additional repair areas are for the deck repair work completed to date and is considered the final quantity. All Class B repairs areas were measured by the City's Surveyor.

7007: Increase quantity for Bid Item No. 8015 "Embedded Galvanic Anode, Alt." by 1174 EACH, for an authorized total of 3674 EACH. These additional anodes complete the deck repair work. However, as the concrete repair areas under the bridge have not been fully delineated, additional anodes may be needed for additional repair areas defined. Additional anodes needed will be added when the repair limits are fully defined.

7008: Increase quantity for Bid Item No. 8016 "Reinforcing Steel, Deck Repair" by 3779 LBS, for an authorized total of 11,779 LBS. The additional reinforcing steel was needed for the deck repair work and is considered the final quantity.

8019: Add zinc-rich coating to exposed rebar reinforcing steel, after the reinforcing steel is sandblasted, and prior to the concrete being repaired. Includes all labor, material, and equipment to properly coat the exposed reinforcing steel for corrosion protection.

8020: Railing connection modifications at each corner. East side has existing concrete cut-back and poured against new rail with 1/2" preformed joint material. SW corner has existing stone removed and laid back into new railing. NW corner has new rail cut to fit against existing floodwall and loose stones reset.

B – Reason for change or extra work:

7004: This item was originally added through Change Order No. 3. Now with the remaining deck area was properly prepared, the final repair quantity can be calculated. The condition of the deck was in considerably worse condition than expected. The increased quantity is for repair areas encountered to date, which represents the entire bridge deck area and is considered the final quantity.

7005: Plan quantity is being increased to repair additional deteriorated concrete on the bridge superstructure and substructure based on field conditions.

7006: This item was originally added through Change Order No. 3. Now with the remaining deck area was properly prepared, the final repair quantity can be calculated. The condition of the deck was in considerably worse condition than expected. The increased quantity is for repair areas encountered to date, which represents the entire bridge deck area and is considered the final quantity.

7007: Based on increases in concrete repair areas, the number of anodes required to provide for corrosion protection has increased. Additional anodes that are needed beyond the authorized quantity will be added for future repairs when the repair limits are defined.

7008: This item was originally added through Change Order No. 3. Now with the remaining deck repairs defined and properly prepared, the additional reinforcing steel required can be calculated.

8019: Existing reinforcing steel at the abutment locations, pier joints, concrete repair areas, etc. was required to be incorporated into the new concrete. After sandblasting, the reinforcing steel would be exposed for several days prior to be incorporated into concrete. Therefore, a zinc-rich corrosion inhibitor material was applied to the prepared reinforcing steel to prevent corrosion of the steel prior to it being incorporated into the concrete.

8020: Existing rail connections at each corner needed slight adjustment and field modification to tie into the new railing system.

Contract Time Adjustment: No Time Added Time Added: See Section C-2 To be determined later

When authorized, contractor agrees to perform he work outlined above in accordance with provisions of the contract documents.

Agreed: [Signature] 6/10/19
Contractor Date

Recommended: [Signature] 6-10-19
Project Engineer Date

Approved: [Signature] 6-20-19
City Manager Date

Approved: [Signature] 6/19/19
City Engineer Date

Approved: _____
District Staff Date

Approved: _____
Central Office (when Applicable) Date

Federal Participation: Approved Note Eligible

FHWA Concurrence: _____
FHWA (if required) Date

DISTRIBUTION: Contractor, Project Engineer, File