# CITY OF WEST DES MOINES
# CITY COUNCIL MEETING COMMUNICATION

**DATE: May 6, 2019**

**ITEM:**

Motion – Approving Change Order #7
Veterans Parkway – SW Wild Rose Lane to SW Grand Prairie Parkway

**FINANCIAL IMPACT:**

Contract Summary:

| Description | Amount | Date Approved | Remarks |
|---|---|---|---|
| Construction Contract | 2,824,538.58 | June 11, 2018 | |
| Change Order #1 | $27,826.16 | June 25, 2018 | Increased RCB concrete/steel |
| Change Order #2 | $500.00 | June 27, 2018 | Additional traffic signs |
| Change Order #3 | $2,810.00 | July 19, 2019 | Temporary road drainage pipe |
| Change Order #4 | $24,835.00 | July 27, 2018 | Class 20 excavation |
| Change Order #5 | $47,540.70 | August 6, 2018 | Fence additions/modifications |
| Change Order #6 | ($6,946.16) | December 10, 2018 | Grading modifications |
| Change Order #7 | $121,089.28 | Pending | Compaction corrections |
| **Total** | **$3,042,193.56** | | |

Cost for these change order items will be paid from account no. 500.000.000.5250.490 with the ultimate funding intended to come from Osmium Urban Renewal Area TIF.

**BACKGROUND:**

The Veterans Parkway project from SW Wild Rose Lane to SW Grand Prairie Parkway was designed by Shive-Hattery, Inc. McAninch Corporation was awarded the construction contract on June 11, 2018.

Soil shrinkage was assumed to be 30% during design for earthwork calculations. The soil volume change after earthwork was substantially complete proved excess waste material needed to be removed from the project site. The actual shrinkage factor was calculated to be near 21%. Change order #7 adjusts the quantities of existing pay items to account for the excess waste material. City staff recommend approval of Change Order #7.

This agenda item was distributed to the Public Services Subcommittee by e-mail only.

**OUTSTANDING ISSUES:** None.

**RECOMMENDATION:**

City Council Adopt:

- Motion Approving Change Order #7 for Veterans Parkway – SW Wild Rose Lane to SW Grand Prairie Parkway.

**Lead Staff Member: Brian J. Hemesath, P.E., City Engineer**

**STAFF REVIEWS**

| | |
|---|---|
| Department Director | Brian J. Hemesath, P.E., City Engineer |
| Appropriations/Finance | Tim Stiles, Finance Director for TS |
| Legal | Richard Scieszinski, City Attorney |
| Agenda Acceptance | |

**PUBLICATION(S)** (if applicable)

| | |
|---|---|
| Published In | |
| Dates(s) Published | |

**SUBCOMMITTEE REVIEW** (if applicable)

| | | | |
|---|---|---|---|
| Committee | | | |
| Date Reviewed | | | |
| Recommendation | Yes | No | Split |

THE CITY OF
West Des Moines

**CITY OF WEST DES MOINES**

Department of Engineering Services
4200 Mills Civic Parkway, Ste 2E
Wes Des Moines, IA 50265-0320
(515) 222-3475 Fax (515) 273-0603

# CHANGE ORDER

**Distribution:**
Owner: X
Engineer: X
Contractor: X
Other: ____

Contractor: **McAninch Corporation**
**4001 Delaware Avenue**
**Des Moines, IA 50313**

| | | |
|---|---|---|
| Project Title | **Veterans Parkway SW Grand Prairie Parkway to SW Wild Rose Lane** | |
| WDM Project File Number | **0510-011-2017** | |
| Purchase Order Number | **2018-00000872** | |
| Orig. Contract Amount & Date | **$2,824,538.58** | **June 11, 2018** |
| Change Order Number | **7** | |
| Date | **April 25, 2019** | |

## THE CONTRACT IS CHANGED AS FOLLOWS:

**Soil shrinkage of 30% was assumed and was applied to earthwork design and calculations. Iowa Department of transportation design manual states typically, a 30% shrink factor is applied to Class 10 excavation quantities. The volume change of soil when moved or distributed from one state to another within the project site did not reach the assumed shrink factor creating excess waste material to be removed from the site. Approximate shrinkage factor for the site was 21%.**

| Item | Description | Unit | Unit Price | Quantity Adjustment | Value Adjustment |
|---|---|---|---|---|---|
| 3 | EXCAVATION, CL 10, RDWY+BORROW | CY | $1.92 | (19,916) | ($38,238.72) |
| CO7-1 | EXCAVATION, CL 10, WASTE | CY | $8.00 | 19,916 | $159,328.00 |
| | | | | | |
| | | | | | |
| | | | **TOTAL** | | **$121,089.28** |

## CHANGE ORDER SUMMARY

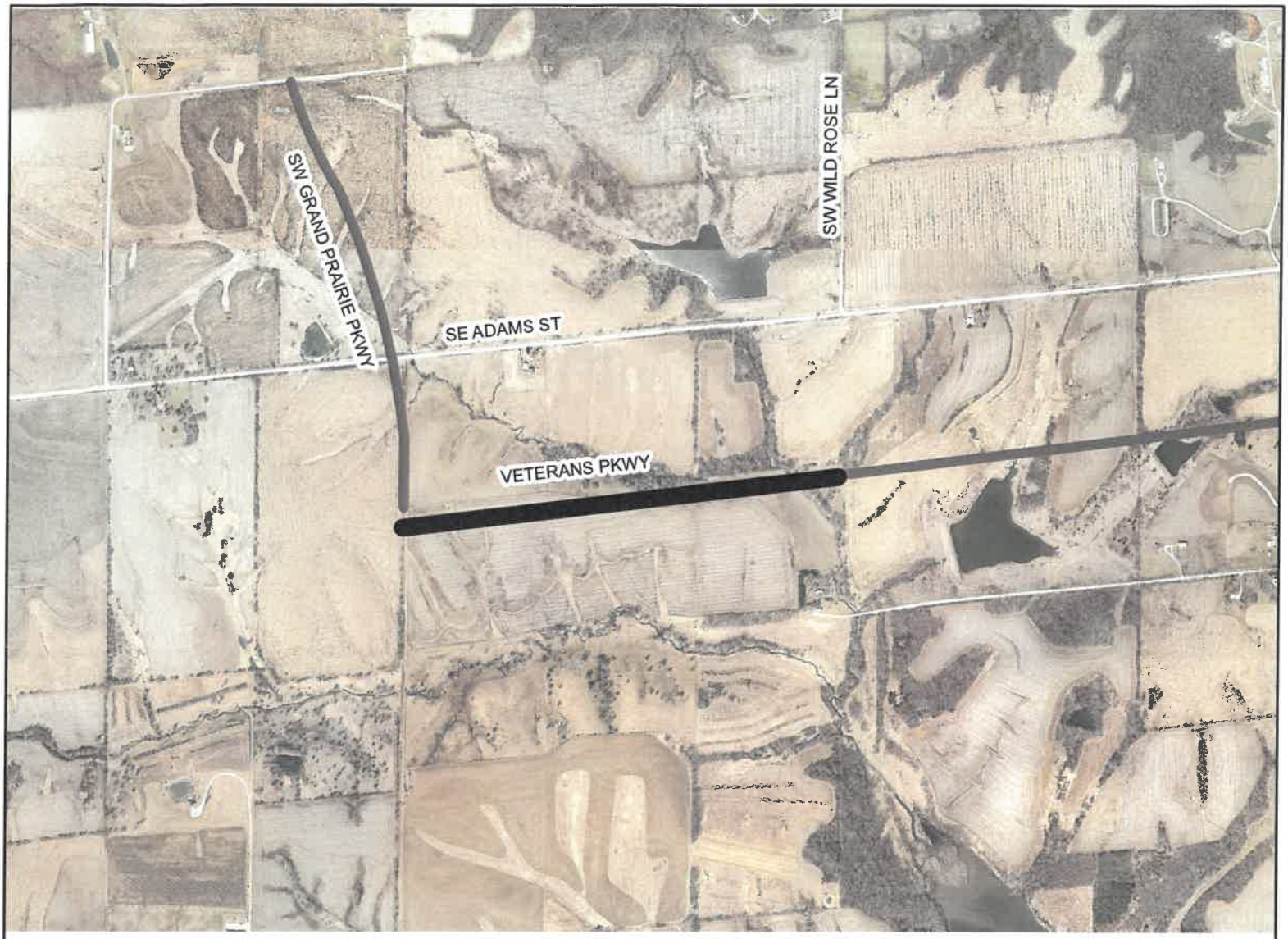
| | |
|---|---|
| The Original Contract Sum was | $2,824,538.58 |
| Net Change by previously authorized Change Orders | $96,565.70 |
| The Contract Sum prior to This Change Order was | $2,921,104.28 |
| The Contract Sum will be **increased** by this Change Order in the amount of | $121,089.28 |
| **The new Contract Sum including this Change Order will be** | **$3,042,193.56** |
| Aggregate Change Order as a percent of Original Contract (if greater than 10% of the original contract, Council Subcommittee recommendation and all signatures through the full Council are required) | 7.71% |
| The Contract Time will be **changed** by | -- |
| The date of Final Completion as of the date of this Change Order therefore is | October 21, 2019 |

**NOT VALID UNTIL SIGNED BY THE CONTRACTOR, OWNER'S REPRESENTATIVE (if applicable) AND OWNER**

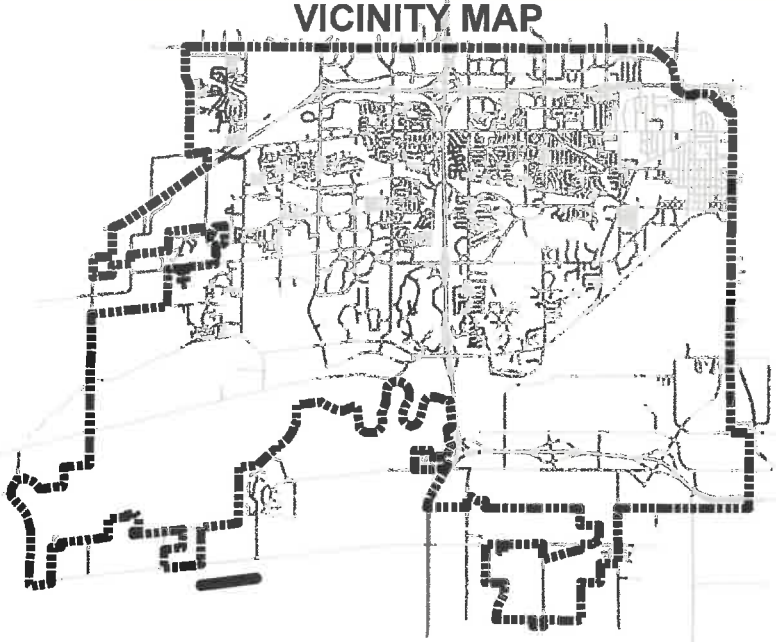
| **Contractor:** | **Recommended By:** | **Checked By:** BJH TMS |
|---|---|---|
| **McAninch Corporation** | **Shive-Hattery** | **City of West Des Moines** |
| Signature: Cody Malloy | Signature: Wade Harris | Signature: |
| **Name: Cody Malloy** | **Name: Wade Harris, P.E.** | **Name: Brian J. Hemesath, P.E.** |
| **Title: Project Manager** | **Title: Project Engineer** | **Title: City Engineer** |
| Date: 4/25/19 | Date: 4/25/19 | Date: 5·1·19 |

**Owner:** **City of West Des Moines**

| | | | |
|---|---|---|---|
| ☐ ≤ | $24,999.99 City Engineer ( ≤ 10% original contract) | x _____ | Date: _____ |
| ☐ ≥ | $25,000 to $50,000 City Council approved or ratified at Council | | Date: _____ |




## VICINITY MAP



## LEGEND

**PROJECT LOCATION**

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| | | | | |
|---|---|---|---|---|
| THE CITY OF WEST DES MOINES | PROJECT: | **Veterans Parkway** | | |
| | LOCATION: | **SW Wild Rose Lane to SW Grand Prairie Parkway** | | |
| | DRAWN BY: JDR | DATE: 9/13/16 | PROJECT: 0510-011-2017 | SHT. 1 of 1 |