CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: November 4, 2019

ITEM:

Motion – Approving Change Order #5
Booneville Road Reconstruction – South 88th Street to West of South 100th Street

FINANCIAL IMPACT:

Contract Summary:

Description	Amount	Date Approved	Remarks
Construction Contract	$4,759,675.53	April 15, 2019	
Change Order #1	($31,345.00)	June 17, 2019	Removal of watermain
Change Order #2	$3,602.50	August 19, 2019	Removal of buried items
Change Order #3	$2,520.39	October 7, 2019	Abandon buried culvert
Change Order #4	$495.00	October 21, 2019	Gas main conflict
Change Order #5	$59,697.00	Pending	Winter access
Total	**$4,794,645.42**		

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 Woodland Hills Urban Renewal Area TIF.

BACKGROUND:

This project consists of the reconstruction of Booneville Road from South 88th Street to west of South 100th Street from an existing gravel roadway to a two-lane urban roadway with dedicated left turn lanes at major intersections. The project also includes grading, storm sewer, water main, paving, sidewalk, and other miscellaneous work. The project has been closely coordinated with the Dawson's Ridge, Kings Landing Plat 2, and Kings Grove Townhomes subdivisions planned along this corridor. The project was anticipated to be paved and open to traffic by November 15, 2019 with the remainder of the work to be completed by May 15, 2020.

Due to extremely wet conditions experienced this construction season and a fairly aggressive construction schedule for this project, only paving of Booneville Road from Sugar Creek to the western limits of the project occurred. All utilities are installed east of Sugar Creek to South 88th Street, however, grading and paving remain. In order to accommodate access to the Dawson's Ridge subdivision and the existing house at 9320 Booneville Road throughout the winter months until construction resumes in Spring 2020, incorporation of flyash into the soil subgrade is needed for stabilization and placement of 12" granular subbase is needed for a temporary driving surface. Change Order #5 reflects these additions. City Staff recommend approval of Change Order #5.

This agenda item was distributed to the Public Services Subcommittee by e-mail only since there was no meeting.

OUTSTANDING ISSUES: None.

RECOMMENDATION:

City Council Adopt:

- Motion Approving Change Order #5 for Booneville Road Reconstruction – South 88th Street to West of South 100th Street.

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
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

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
Contracto X
Other ____

Contractor: **Absolute Concrete**
PO Box 148
Slater, IA 50244

Project Title	**Booneville Road Improvements S.88th Street to West of S.100th Street**	
WDM Project File Number	**0510-006-2017**	
Purchase Order Number	**2019-00000714**	
Orig. Contract Amount & Date	**$4,759,675.53**	**April 23, 2019**
Change Order Number	**5**	
Date	**October 30, 2019**	

THE CONTRACT IS CHANGED AS FOLLOWS: Due to more frequent weather delays during the 2019 construction season, the Contractor will be unable to complete the grading and paving portion of the project between STA. 1504+00 to 1539+50. To provide access to the development of the Dawson's Ridge plat on the south side of Booneville Road, the Contractor will use fly ash to stabilize the grade and then place 12" of modified subbase (33 LF wide) between STA. 1513+00 to 1520+00. Item CO 5.2 includes, but is not limited to furnishing, placing, and incorporating the subgrade treatment material (various depths).

Item	Description	Unit	Unit Price	Quantity Adjustment	Value Adjustment
CO 5.1	MODIFIED SUBBASE, 12 IN.	SY	$17.60	2,670.0	$46,992.00
CO 5.2	FLY ASH, CLASS C (5% at 110 PCF)	TON	$115.50	110.0	$12,705.00
			TOTAL		**$59,697.00**

CHANGE ORDER SUMMARY

The Original Contract Sum was	$4,759,675.53 ✓
Net Change by previously authorized Change Orders	($24,727.11) ✓
The Contract Sum prior to This Change Order was	$4,734,948.42 ✓
The Contract Sum will be **Increased** by this Change Order in the amount of	$59,697.00 ✓
The new Contract Sum including this Change Order will be	**$4,794,645.42** ✓
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)	0.73%
The Contract Time will be **changed** by	0
The date of Final Completion as of the date of this Change Order therefore is	

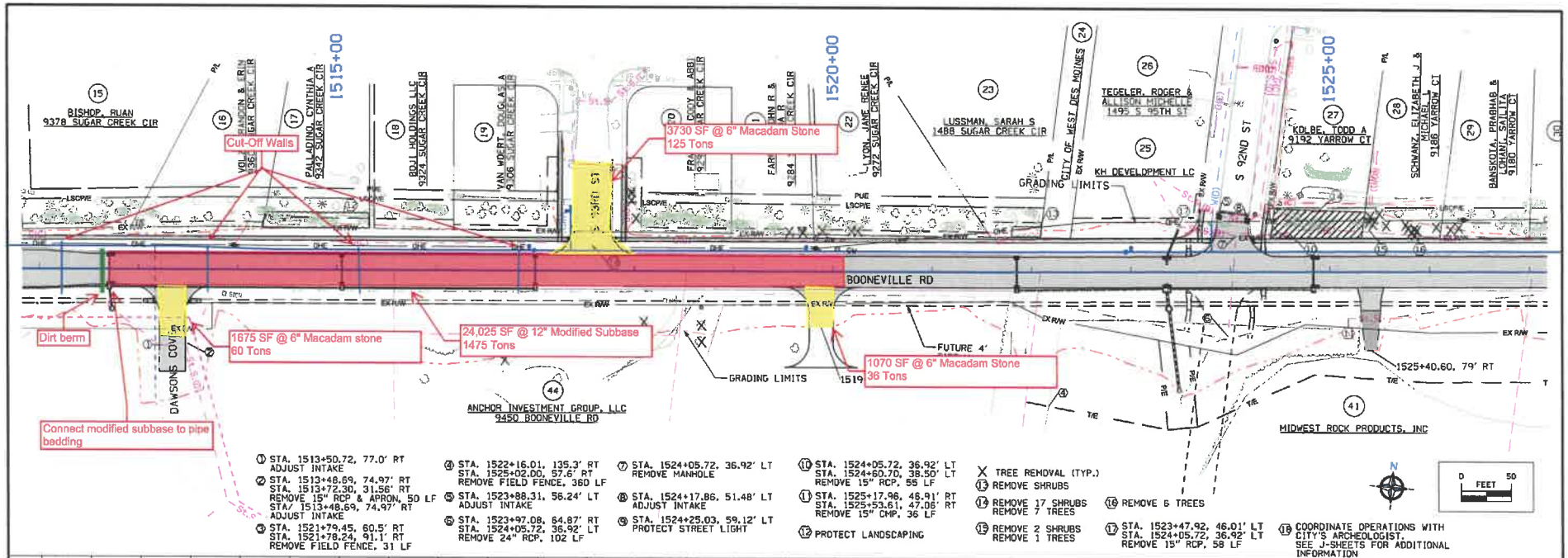
NOT VALID UNTIL SIGNED BY THE CONTRACTOR, OWNER'S REPRESENTATIVE (if applicable) AND OWNER

Contractor:	Recommended By:	Checked By:
ABSOLUTE CONCRETE	FOTH	City of West Des Moines
Signature:	Signature:	Signature:
Name: Logan Petersen	Name: Brad Hopkey, P.E.	Name: Brian J. Hemesath, P.E.
Title: Project Manager	Title: Project Manager	Title: City Engineer
Date: 10/31/2019	Date: 10/31/19	Date: 10-31-19

Owner: **City of West Des Moines**

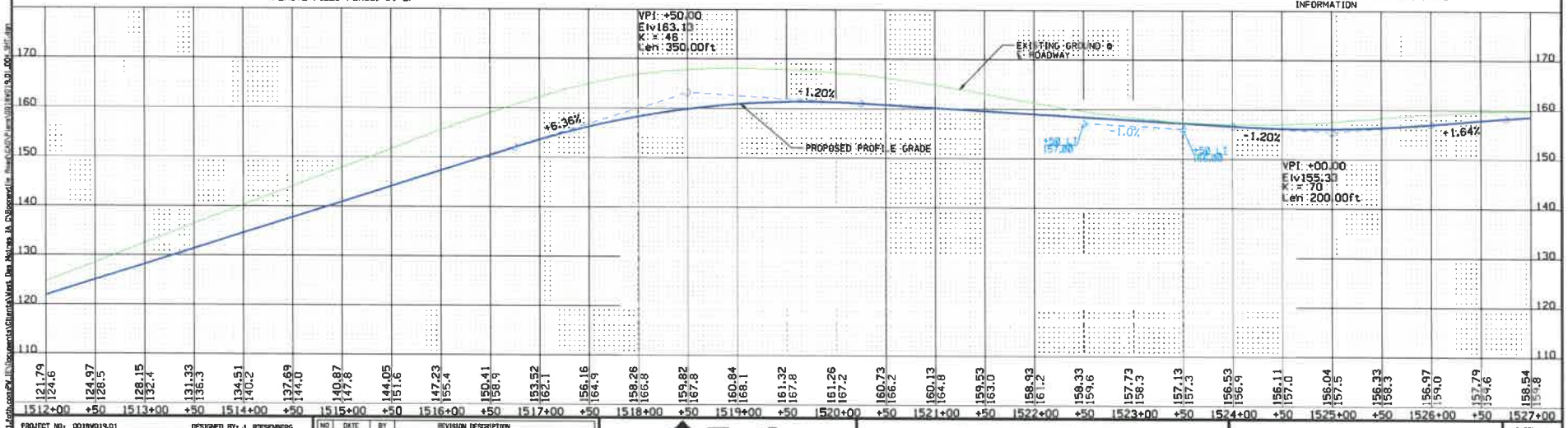
☐ ≤ $24,999.99 City Engineer (≤ 10% original contract) x_____ Date _____

☐ ≥ $25,000 to $50,000 City Council approved or ratified at Council Date_____



1. STA. 1513+50.72, 77.0' RT ADJUST INTAKE
2. STA. 1513+48.69, 74.97' RT STA. 1513+72.30, 31.56' RT REMOVE 15" RCP & APRON, 50 LF STA/ 1513+48.69, 74.97' RT ADJUST INTAKE
3. STA. 1521+79.45, 60.5' RT STA. 1521+78.24, 91.1' RT REMOVE FIELD FENCE, 31 LF
4. STA. 1522+16.01, 135.3' RT STA. 1525+02.00, 57.6' RT REMOVE FIELD FENCE, 360 LF
5. STA. 1523+88.31, 56.24' LT ADJUST INTAKE
6. STA. 1523+97.08, 64.87' RT STA. 1524+05.72, 36.92' LT REMOVE 24" RCP, 102 LF
7. STA. 1524+05.72, 36.92' LT REMOVE MANHOLE
8. STA. 1524+17.86, 51.48' LT ADJUST INTAKE
9. STA. 1524+25.03, 59.12' LT PROTECT STREET LIGHT
10. STA. 1524+05.72, 36.92' LT STA. 1524+60.70, 38.50' LT REMOVE 15" RCP, 55 LF
11. STA. 1525+17.96, 46.91' RT STA. 1525+53.61, 47.06' RT REMOVE 15" CMP, 36 LF
12. PROTECT LANDSCAPING
13. REMOVE SHRUBS
14. REMOVE 17 SHRUBS REMOVE 7 TREES
15. REMOVE 2 SHRUBS REMOVE 1 TREES
16. REMOVE 6 TREES
17. STA. 1523+47.92, 46.01' LT STA. 1524+05.72, 36.92' LT REMOVE 15" RCP, 58 LF
18. COORDINATE OPERATIONS WITH CITY'S ARCHEOLOGIST. SEE J-SHEETS FOR ADDITIONAL INFORMATION

X TREE REMOVAL (TYP.)



PROJECT NO: 0018W019.01 DESIGNED BY: J. ROSENBERG
PROJECT DATE: APRIL 2019 CHECKED BY: B. HOPKEY
CAD DATE: 3/14/2019 1:34:40 PM DRAWN BY: T. HOLUP
CAD FILE: c:\pw_workdir\pw_ia\tbh\d0258637\0018W019.01_D04_SHT.dgn

NO	DATE	BY	REVISION DESCRIPTION

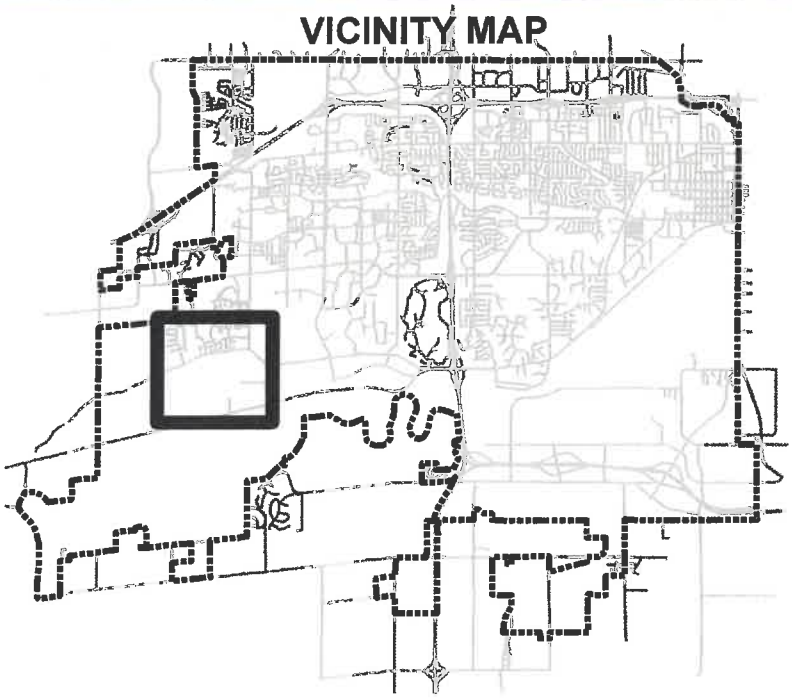
Foth

BOONEVILLE ROAD IMPROVEMENTS
S. 88TH STREET TO WEST OF S. 100TH STREET
WEST DES MOINES CITY PROJECT NO. 0510-008-2017

BOONEVILE ROAD
PLAN AND PROFILE

SHEET NO.
D.4

VICINITY MAP



LEGEND

PROJECT LOCATION ▬▬▬

N
W E
S

THE CITY OF WEST DES MOINES

PROJECT:

Booneville Road Reconstruction

LOCATION: **South 88th Street to west of South 100th Street**

DRAWN BY: JDR	DATE: 7/27/2018	PROJECT NUMBER/NAME: 0510-006-2017	SHT. 1 of 1