

RESOLUTION 2023-86

A RESOLUTION APPROVING CHANGE ORDER #3 IN THE AMOUNT OF \$237,861.71 FOR THE HERBERT HOOVER HIGHWAY ROUNDABOUT PROJECT.

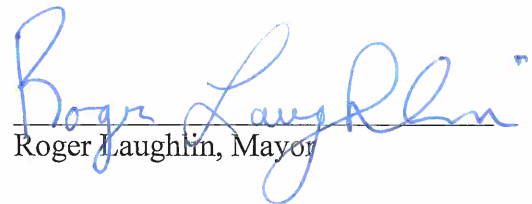
WHEREAS, the City and Johnson County (the “County”) entered into a 28E Agreement for the construction of the Herbert Hoover Highway Project, a joint project between Johnson County and the City (the “Project”), said Project to construct improvements to Herbert Hoover Highway and the intersection of W. Main Street and Cedar-Johnson Road in the City; and

WHEREAS, Change Order #3 includes addressing unsuitable soil issues, cast in-place sewer structures, temporary traffic control signage, and the addition of Macadam Stone Base; and

WHEREAS, it is now necessary to approve Change Order #3 in the amount of \$237,861.71 for the Herbert Hoover Highway Roundabout Project.

NOW, THEREFORE, BE IT RESOLVED, by the City Council of West Branch, that Change Order #3 in the amount of \$237,861.71 for the Herbert Hoover Highway Roundabout Project is approved.

Passed and approved this 21st day of August, 2023.

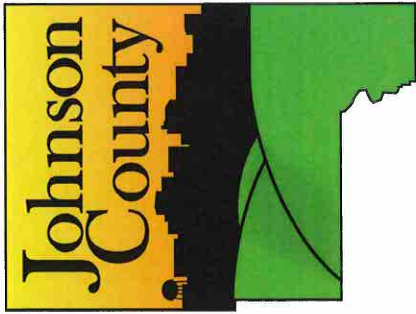


Roger Laughlin, Mayor

ATTEST:



Leslie Brick, City Clerk



Johnson County Secondary Roads

Change Order Details

LFM-HHH3-RAB--7X-52

Description Herbert Hoover Highway and Johnson Cedar Road Roundabout
Prime Contractor STREB CONSTRUCTION CO., INC.
3391 Charbon Rd. SE
Coralville, IA 52241

Change Order 3
Status Draft
Date Created 05/05/2023
Type Non-Significant - Participating
Summary Traffic control changes, subgrade repairs, and storm sewer manhole

Change Order Description

- 0006 Change: Increase Macadam Stone Base item to account for additional quantity needed to stabilize the subgrade.
- 0022 Change: Allow for Manhole item to be installed as a rectangular SW-402 manhole.
- 0030 Change: Increase Engineering Fabric item to include installation with polymer grid in corecut areas requiring additional subgrade stabilization.
- 8002 Change: Add item for Traffic Control (added signs).
- 8003 Change: Add item for Subgrade Repair Handling.
- 8004 Change: Add item for Macadam Stone Price Adjustment.

Awarded Project Amount	\$1,455,593.85
Authorized Project Amount	\$1,479,362.55
Change Order Amount	\$237,861.71
Revised Project Amount	\$1,717,224.26

B - Reason for change:

- 0006 Change: Unsuitable/Unstable Material is encountered to an extent that exceeds what was anticipated in the plans. Increase accounts for use of item as deemed necessary by engineer. Engineer may also direct contractor to install polymer grid under the macadam stone rather than under the modified subbase.
- 0022 Change: Since other storm sewer structures will be cast-in place, Contractor requested option to install manhole item as a SW-402 which provides for the manhole structure to also be cast in-place.
- 0030 Change: In areas where unsuitable/unstable material is encountered, Engineer may direct installation of Engineering Fabric under the polymer grid that is placed directly beneath the macadam stone.
- 8002 Change: After the project temporary traffic control and detour signing was in place, some improvements were identified that would likely benefit the traveling public. Revised and added signs are shown on revised construction plan sheets (J.01R2 and J.02R1). The revised and added signs are to be provided, installed, maintained, and removed by Contractor and included as part of the Contractors daily traffic control diary reviews. Johnson County will provide "F44" route marker signs.
- 8003 Change: The unsuitable/unstable material area is larger than anticipated and its instability prohibits the contractor from being able to readily access the material that will need to be removed for installation of item 0006, macadam stone base. Additional effort will be required by the contractor to remove the unsuitable/unstable material.
- 8004 Change: Macadam Stone Base installation increased by this change order results in a significant change which allows for item to receive a price adjustment. This new item represents the price adjustment.
- The attached Construction Plan Sheets, J.01R2 and J.02R1, revise and replace Construction Plan Sheet J.01R and J.02 respectively.
- This change order adds reference to Iowa Department of Transportation, Standard Road Plan SW-402, Rectangular Storm Sewer Manhole, dated 04-21-20.
- C - Settlement for cost(s) of change as follows with items addressed in Sections F and/or G:**
- 0006, 0022 & 0030 Change: No change in contract unit price.

8002 Change: Agreed lump sum price of \$1,980.00.

8003 Change: Agreed lump sum price of \$2,090.00.

8004 Change: Agreed lump sum price of \$11,217.36.

D - Justification for cost(s) (See I.M. 6.000 Attachment D, Chapter 2.36, for acceptable justification):

8002 Change: Justification of cost is saved in the project file. The cost includes 10% contractor markup and is considered reasonable based on comparison to similar work on previous Johnson County project.

8003 Change: Cost includes 10% prime contractor markup and is based on contractors estimate of time to perform the work. Justification provided by contractor is saved in the project file and appears reasonable.

8004 Change: Cost is based on specification section 1109.03. Computation of value is shown in the attached Explanation of Macadam Some Price Adjustment.

E - Contract time adjustment:

This change order results in the addition of 12.0 working days for work associated with the subgrade repairs. An explanation of time spent on the subgrade repairs is included in the attached Core Out Days table.

Increases/Decreases

Line Number	Item ID	Unit	Unit Price	Current Quantity	Current Amount	Change Quantity	Change Amount	Revised Quantity	Revised Amount
0006	2210-0475290	TON	\$26.500	790.000	\$20,935.00	7,764.140	\$205,749.72	8,554.140	\$226,684.72
MACADAM STONE BASE									

Line Number	Item ID	Unit	Unit Price	Current Quantity	Current Amount	Change Quantity	Change Amount	Revised Quantity	Revised Amount
Funding Details									
		Division 1: Johnson County		435.000	\$11,527.50	4,517.810	\$119,721.97	4,952.810	\$131,249.47
		Division 2: City of West Branch		355.000	\$9,407.50	3,246.330	\$86,027.75	3,601.330	\$95,435.25
0030	2507-3250005	SY	\$3.000	261.000	\$783.00	5,608.210	\$16,824.63	5,869.210	\$17,607.63
ENGINEER FABRIC									
Funding Details									
		Division 1: Johnson County		22.000	\$66.00	2,965.020	\$8,895.06	2,987.020	\$8,961.06
		Division 2: City of West Branch		239.000	\$717.00	2,643.190	\$7,929.57	2,882.190	\$8,646.57
				Totals			\$222,574.35		\$244,292.35

New Items

Line Number	Item ID	Unit	Quantity	Unit Price	Extension
Section: 1 - Description					
8002	2528-8445110	LS	1.000	\$1,980.000	\$1,980.00
TRAFFIC CONTROL					
Funding Details					
		Division 1: Johnson County	0.500	\$1,980.000	\$990.00
		Division 2: City of West Branch	0.500	\$1,980.000	\$990.00
8003	2599-9999010	LS	1.000	\$2,090.000	\$2,090.00

(LUMP SUM ITEM): SUBGRADE REPAIR HANDLING

Line Number	Item ID	Unit	Quantity	Unit Price	Extension
Funding Details					
8004	2599-9999010	LS	1.000	\$11,217.360	\$11,217.36
(LUMP SUM ITEM): MACADAM STONE PRICE ADJUSTMENT					
Funding Details					
		Division 1: Johnson County	0.579	\$2,090.000	\$1,210.11
		Division 2: City of West Branch	0.421	\$2,090.000	\$879.89
					Total: \$15,287.36

Funding Summary

Fund Package	Original Amount	Authorized Amount	Proposed Change	Revised Amount
Division 1: Johnson County	\$655,904.70	\$653,598.70	\$137,311.99	\$790,910.69
Division 2: City of West Branch	\$799,689.15	\$825,763.85	\$100,549.72	\$926,313.57
2 fund packages	\$1,455,593.85	\$1,479,362.55	\$237,861.71	\$1,717,224.26

Time Limit Changes

Type	Original Deadline	Current Deadline	Proposed Extension	Proposed Deadline
Working Days	70.0 Days	79.0 Days	12.0 Days	91.0 Days
Late Start Date: 04/03/23 Liquidated Damages: \$1,000.00/day				
1 time limit				

Signatures will be applied through DocExpress

FORBIDDEN