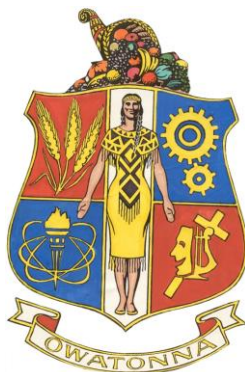


THE CITY OF

Office of Public Works Director
City Engineer



OWATONNA

540 West Hills Circle
Owatonna, MN 55060-4701
Ph. (507) 444-4350
FAX: (507) 444-4351

TO: HONORABLE MAYOR AND CITY COUNCIL
FROM: KYLE SKOV, PUBLIC WORKS DIRECTOR AND CITY ENGINEER
DATE: June 29, 2021
SUBJECT: Change Order No. 1 - 2021 Truman Avenue Project

Purpose

To receive a council approval for Change Order No. 1 for the 2021 Truman Avenue Improvement Project.

Background:

Manhole and pipe modifications were necessary to meet opening and connection requirements. Please see attached for itemized items.

Budget Impact:

The cost of the project will be increased by \$16,253.10.

Staff Recommendation:

Staff recommends approval.

Change Order No. 1

Date of Issuance: July 6, 2021 Effective Date: July 7, 2021

Project: Truman Avenue Improvement Project	Owner: City of Owatonna	Owner's Contract No.: 20005
Contract:		Date of Contract: 3/2/2021
Northland Grading and Excavating		Engineer's Project No.:

The Contract Documents are modified as follows upon execution of this Change Order:
Northland Grading Truman Avenue Improvement Project Change Order #1.

Attachments: (List documents supporting change):

C.O. # 1 includes modifications to manholes and pipes to meet opening and connection requirements. See attached for itemized list.

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price: <u>\$2,914,635.99</u>	Original Contract Times: <input type="checkbox"/> Working days <input type="checkbox"/> Calendar days Substantial completion (days or date): Not applicable _____ Ready for final payment (days or date): _____
[Increase] [Decrease] from previously approved Change Orders No. _____ to No. _____: <u>\$0.00</u>	[Increase] [Decrease] from previously approved Change Orders No. _____ to No. _____: Substantial completion (days): _____ Ready for final payment (days): _____
Contract Price prior to this Change Order: <u>\$2,914,635.99</u>	Contract Times prior to this Change Order: Substantial completion (days or date): _____ Ready for final payment (days or date): _____
Increase of this Change Order: <u>\$16,253.10.</u>	[Increase] [Decrease] of this Change Order: Substantial completion (days or date): _____ Ready for final payment (days or date): _____
Contract Price incorporating this Change Order: <u>\$2,930,889.09</u>	Contract Times with all approved Change Orders: Substantial completion (days or date): _____ Ready for final payment (days or date): _____

RECOMMENDED:	ACCEPTED:	ACCEPTED:	ACCEPTED:
By: _____ Engineer (Authorized Signature)	By: _____ Owner (Authorized Signature)	By: _____ OPU (Authorized Signature)	By: _____ Contractor (Authorized Signature)
Date: _____	Date: _____	Date: _____	Date: _____

Approved by Funding Agency (if applicable): _____

CHANGE ORDER

CHANGE ORDER NO.: 1 PROJECT NO.: SAP 153-141-001
PROJECT NAME: Truman Avenue Improvement
LOCATION: Truman Avenue – Owatonna, MN
CONTRACTOR: Northland Grading & Excavating
ADDRESS: 207 3rd Street West, Northfield, MN 55057

TO CONTRACTOR:

You are hereby ordered to make the following change(s) in the plans and/or specifications for the above designated project:

1. Description of change(s) to be made:

a. Upsized ST-14 MH structure to 72" MH for pipe opening requirements.

- i. Decrease Quantity Line Item 58 – CONST DR STR, DESIGN 48"-4020
 1. Adjust Item Quantity = - 6.19 – LIN. FT.
- ii. Add Line Item 84 – 2506.503 : CONST DR STR, DESIGN 72"-4020
 1. Add Item Quantity = + 6.19 – LIN. FT.
- iii. Add EXTRA Item 85 – ST-14 UPSIZED 72" MH STRUCTURE WITH SALES TAX + 5% MARKUP
 1. EXTRA Item Quantity = + 1.00 – EACH

b. Modified ST-14 MH structure for 12" HDPE storm drain pipe connection.

- i. Add EXTRA Item 86 – MODIFIED ST-14 MH STRUCTURE FOR 12" HDPE STORM DRAIN PIPE CONNECTION.
 1. EXTRA Item Quantity = + 1.00 – EACH

c. Upsized ST-13 MH structure to 96" MH for pipe opening requirements.

- i. Decrease Quantity Line Item 58 – CONST DR STR, DESIGN 48"-4020
 1. Adjust Item Quantity = - 6.15 – LIN. FT.
- ii. Add Line Item 87 – 2506.503 : CONST DR STR, DESIGN 96"-4020
 1. Add Item Quantity = + 6.15 – LIN. FT.
- iii. Add EXTRA Item 88 – UPSIZED 96" MH STRUCTURE WITH SALES TAX + 5% MARKUP
 1. EXTRA Item Quantity = + 1.00 – EACH

d. Upsized CB-30 structure to 48" MH for pipe opening requirements.

- i. Decrease Quantity Line Item 57 – CONST DR STR, DESIGN 2'X3'
 1. Adjust Item Quantity = - 4.15 – LIN. FT.
- ii. Increase Quantity Line Item 58 – CONST DR STR, DESIGN 48"-4020
 1. Adjust Item Quantity = + 4.15 – LIN. FT.

e. Upsized CB-29 MH structure to 72" MH for pipe opening requirements.

- i. Decrease Quantity Line Item 58 – CONST DR STR, DESIGN 48"-4020
 - 1. Adjust Item Quantity = - 5.50 – LIN. FT.
- ii. Add Line Item 84 – 2506.503 : CONST DR STR, DESIGN 72"-4020
 - 1. Add Item Quantity = + 5.50 – LIN. FT.
- iii. Add EXTRA Item 89 – CB-29 UPSIZED 72" MH STRUCTURE WITH SALES TAX + 5% MARKUP
 - 1. EXTRA Item Quantity = + 1.00 – EACH

f. Upsized CB-22 structure to 48" MH for pipe opening requirements.

- i. Decrease Quantity Line Item 57 – CONST DR STR, DESIGN 2'X3'
 - 1. Adjust Item Quantity = - 3.84 – LIN. FT.
- ii. Increase Quantity Line Item 58 – CONST DR STR, DESIGN 48"-4020
 - 1. Adjust Item Quantity = + 3.84 – LIN. FT.

g. Upsized CB-20 structure to 48" MH for pipe opening requirements.

- i. Decrease Quantity Line Item 57 – CONST DR STR, DESIGN 2'X3'
 - 1. Adjust Item Quantity = - 4.00 – LIN. FT.
- ii. Increase Quantity Line Item 58 – CONST DR STR, DESIGN 48"-4020
 - 1. Adjust Item Quantity = + 4.00 – LIN. FT.

h. Upsized CB-11 structure to 48" MH for pipe opening requirements.

- i. Decrease Quantity Line Item 57 – CONST DR STR, DESIGN 2'X3'
 - 1. Adjust Item Quantity = - 4.60 – LIN. FT.
- ii. Increase Quantity Line Item 58 – CONST DR STR, DESIGN 48"-4020
 - 1. Adjust Item Quantity = + 4.60 – LIN. FT.

i. Upsized CB-8 structure to 48" MH for pipe opening requirements.

- i. Decrease Quantity Line Item 57 – CONST DR STR, DESIGN 2'X3'
 - 1. Adjust Item Quantity = - 4.00 – LIN. FT.
- ii. Increase Quantity Line Item 58 – CONST DR STR, DESIGN 48"-4020
 - 1. Adjust Item Quantity = + 4.00 – LIN. FT.

j. Upsized CB-5 structure to 48" MH for pipe opening requirements.

- i. Decrease Quantity Line Item 57 – CONST DR STR, DESIGN 2'X3'
 - 1. Adjust Item Quantity = - 4.00 – LIN. FT.
- ii. Increase Quantity Line Item 58 – CONST DR STR, DESIGN 48"-4020
 - 1. Adjust Item Quantity = + 4.00 – LIN. FT.

k. 2" Copper Water Service Adjustment.

- i. Add EXTRA Item 90 – 2" COPPER WATER SERVICE ADJUSTMENT
 - 1. EXTRA Item Qty. = + 1.00 – EACH

l. Gas Service Adjustment at Sta. 33+25

- i. Add EXTRA ITEM 91 – GAS SERVICE ADJUSTMENT AT STA. 33+25
 - 1. EXTRA Item Qty. = + 1.00 – EACH

2. Reason for ordering change:

a. Upsized ST-14 MH structure to 72" MH for pipe opening requirements.

- i. The proposed structure per plan was a 48"-4020 MH, but needed to be upsized to a 72" MH structure to satisfy pipe opening requirements.
 1. Materials — Upsized 72" MH structure with sales tax + 5% markup (\$929.31)
 2. Materials — Bedding material, Rock, Concrete, Brick (\$400.00)
 3. Labor — Installation of upsized 72" MH structure (\$1,000.50)

b. Modified ST-14 MH structure for 12" HDPE storm drain pipe connection.

- i. A 12" HDPE storm drain pipe connected to the existing storm sewer manhole structure MH E-46 was found and needed to be tied into the new storm sewer structure, ST-14.
 1. Cut pipe opening in ST-14 MH structure for 12" HDPE Storm drain pipe connection.
 2. Installed 12" HDPE storm drain pipe for connection into ST-14 MH structure.
 3. Mud doghouse for 12" HDPE storm drain pipe connection into ST-14 MH structure.

c. Upsized ST-13 MH structure to 96" MH for pipe opening requirements.

- i. The proposed structure per plan was a 48"-4020 MH, but needed to be upsized to a 96" MH structure to satisfy pipe opening requirements.
 1. Materials — Upsized 96" MH structure with sales tax + 5% markup (\$3,922.48)
 2. Materials — Bedding material, Rock, Concrete, Brick (\$400.00)
 3. Labor — Installation of upsized 72" MH structure (\$1,350.00)

d. Upsized CB-30 structure to 48" MH for pipe opening requirements.

- i. The proposed structure per plan was a 2'x3' Catch Basin, but needed to be upsized to a 48" MH structure to satisfy pipe opening requirements.

e. Upsized CB-29 MH structure to 72" MH for pipe opening requirements.

- i. The proposed structure per plan was a 48"-4020 MH, but needed to be upsized to a 72" MH structure to satisfy pipe opening requirements.
 1. Materials — Upsized 72" MH structure with sales tax + 5% markup (\$1,215.26)
 2. Materials — Bedding material, Rock, Concrete, Brick (\$400.00)
 3. Labor — Installation of upsized 72" MH structure (\$900.00)

f. Upsized CB-22 structure to 48" MH for pipe opening requirements.

- i. The proposed structure per plan was a 2'x3' Catch Basin, but needed to be upsized to a 48" MH structure to satisfy pipe opening requirements.

g. Upsized CB-20 structure to 48" MH for pipe opening requirements.

- i. The proposed structure per plan was a 2'x3' Catch Basin, but needed to be upsized to a 48" MH structure to satisfy pipe opening requirements.

h. Upsized CB-11 structure to 48" MH for pipe opening requirements.

- i. The proposed structure per plan was a 2'x3' Catch Basin, but needed to be upsized to a 48" MH structure to satisfy pipe opening requirements.

j. Upsized CB-8 structure to 48" MH for pipe opening requirements.

- i. The proposed structure per plan was a 2'x3' Catch Basin, but needed to be upsized to a 48" MH structure to satisfy pipe opening requirements.

k. Upsized CB-5 structure to 48" MH for pipe opening requirements.

- i. The proposed structure per plan was a 2'x3' Catch Basin, but needed to be upsized to a 48" MH structure to satisfy pipe opening requirements.

l. 2" Copper Water Service Adjustment

- i. Existing 2" Copper Water Service at Agnes St. & Truman Ave. conflicted with the location of the proposed 42" RC Storm Sewer Pipe. The existing 2" Copper Water Service had to be adjusted to reposition it out of the way of the 42" RC Storm Sewer Pipe.

m. Gas Service Adjustment at Sta. 33+25

- i. Existing underground Gas Service at Sta. 33+25 conflicted with the location of the proposed 42" RC Storm Sewer Pipe. The existing gas service had to be adjusted to reposition it underneath the 42" RC Storm Sewer Pipe.

3. Settlement for the cost of the above change is to be made as follows:

a. Upsized ST-14 MH structure to 72" MH for pipe opening requirements = + \$2,329.81

- i. Decrease Quantity Line Item 58 – CONST DR STR, DESIGN 48"-4020
 1. A Measured Qty. of - 6.19 – LIN. FT. at a Contract Unit Price of \$425.00 = - \$2,630.75
- ii. Add Line Item 84 – 2506.503 : CONST DR STR, DESIGN 72"-4020
 1. A Measured Qty. of + 6.19 – LIN. FT. at a Unit Price of \$425.00 = + \$2,630.75
 - a. (Same Unit Price as Contract Unit Price of Line Item 58)
 - b. (Increase in Cost paid for by EXTRA Item 85)
- iii. Add EXTRA Item 85 – ST-14 UPSIZED 72" MH STRUCTURE WITH SALES TAX + 5% MARKUP
 1. A Measured Qty. of + 1.00 – EACH at a Unit Price of \$2,329.81 = + \$2,329.81

b. Modified ST-14 MH structure for 12" HDPE storm drain pipe connection = + \$2,250.00

- i. Add EXTRA Item 86 – MODIFIED ST-14 MH STRUCTURE FOR 12" HDPE STORM DRAIN PIPE CONNECTION
 1. A Measured Qty. of + 1.00 – EACH at a Unit Price of \$2,250.00 = + \$2,250.00

c. Upsized ST-13 MH structure to 96" MH for pipe opening requirements = + \$5,672.48

- i. Decrease Quantity Line Item 58 – CONST DR STR, DESIGN 48"-4020
 1. A Measured Qty. of - 6.15 – LIN. FT. at a Contract Unit Price of \$425.00 = - \$2,613.75
- ii. Add Line Item 86 – 2506.503 : CONST DR STR, DESIGN 96"-4020
 1. A Measured Qty. of + 6.15 – LIN. FT. at a Unit Price of \$425.00 = + \$2,613.75
 - a. (Same Unit Price as Contract Unit Price of Line Item 58)
 - b. (Increase in Cost paid for by EXTRA Item 87)
- iii. Add EXTRA Item 87 – ST-13 UPSIZED 96" MH STRUCTURE WITH SALES TAX + 5% MARKUP
 1. A Measured Qty. of + 1.00 – EACH at a Unit Price of \$5,672.48 = + \$5,672.48

d. Upsized CB-30 structure to 48" MH for pipe opening requirements = + \$163.75

- i. Decrease Quantity Line Item 57 – CONST DR STR, DESIGN 2'X3'
 1. A Measured Qty. of - 4.15 – LIN. FT. at a Contract Unit Price of \$400.00 = - \$1,660.00
- ii. Increase Quantity Line Item 58 – CONST DR STR, DESIGN 48"-4020
 1. A Measured Qty. of + 4.15 – LIN. FT. at a Contract Unit Price of \$425.00 = + \$1,763.75

- e. Upsized CB-29 MH structure to 72" MH for pipe opening requirements = + \$2,515.26**
- i. Decrease Quantity Line Item 58 – CONST DR STR, DESIGN 48"-4020
 - 1. A Measured Qty. of - 6.15 – LIN. FT. at a Contract Unit Price of \$425.00 = - \$2,337.50
 - ii. Add Line Item 84 – 2506.503 : CONST DR STR, DESIGN 72"-4020
 - 1. A Measured Qty. of + 6.15 – LIN. FT. at a Unit Price of \$425.00 = + \$2,337.50
 - a. (Same Unit Price as Contract Unit Price of Line Item 58)
 - b. (Increase in Cost paid for by EXTRA Item 89)
 - iii. Add EXTRA Item 89 – CB-29 UPSIZED 72" MH STRUCTURE WITH SALES TAX + 5% MARKUP
 - 1. A Measured Qty. of + 1.00 – EACH at a Unit Price of \$2,515.26 = + \$2,515.26
- f. Upsized CB-22 structure to 48" MH for pipe opening requirements = + \$96.00**
- i. Decrease Quantity Line Item 57 – CONST DR STR, DESIGN 2'X3'
 - 1. A Measured Qty. of - 3.84 – LIN. FT. at a Contract Unit Price of \$400.00 = - \$1,536.00
 - ii. Increase Quantity Line Item 58 – CONST DR STR, DESIGN 48"-4020
 - 1. A Measured Qty. of + 3.84 – LIN. FT. at a Contract Unit Price of \$425.00 = + \$1,632.00
- g. Upsized CB-20 structure to 48" MH for pipe opening requirements = + \$100.00**
- i. Decrease Quantity Line Item 57 – CONST DR STR, DESIGN 2'X3'
 - 1. A Measured Qty. of - 4.00 – LIN. FT. at a Contract Unit Price of \$400.00 = - \$1,600.00
 - ii. Increase Quantity Line Item 58 – CONST DR STR, DESIGN 48"-4020
 - 1. A Measured Qty. of + 4.00 – LIN. FT. at a Contract Unit Price of \$425.00 = + \$1,700.00
- h. Upsized CB-11 structure to 48" MH for pipe opening requirements = + \$115.00**
- i. Decrease Quantity Line Item 57 – CONST DR STR, DESIGN 2'X3'
 - 1. A Measured Qty. of - 4.60 – LIN. FT. at a Contract Unit Price of \$400.00 = - \$1,840.00
 - ii. Increase Quantity Line Item 58 – CONST DR STR, DESIGN 48"-4020
 - 1. A Measured Qty. of + 4.60 – LIN. FT. at a Contract Unit Price of \$425.00 = + \$1,955.00
- i. Upsized CB-8 structure to 48" MH for pipe opening requirements = + \$100.00**
- i. Decrease Quantity Line Item 57 – CONST DR STR, DESIGN 2'X3'
 - 1. A Measured Qty. of - 4.00 – LIN. FT. at a Contract Unit Price of \$400.00 = - \$1,600.00
 - ii. Increase Quantity Line Item 58 – CONST DR STR, DESIGN 48"-4020
 - 1. A Measured Qty. of + 4.00 – LIN. FT. at a Contract Unit Price of \$425.00 = + \$1,700.00
- j. Upsized CB-5 structure to 48" MH for pipe opening requirements = + \$100.00**
- i. Decrease Quantity Line Item 57 – CONST DR STR, DESIGN 2'X3'
 - 1. A Measured Qty. of - 4.00 – LIN. FT. at a Contract Unit Price of \$400.00 = - \$1,600.00
 - ii. Increase Quantity Line Item 58 – CONST DR STR, DESIGN 48"-4020
 - 1. A Measured Qty. of + 4.00 – LIN. FT. at a Contract Unit Price of \$425.00 = + \$1,700.00
- k. 2" Copper Water Service Adjustment = + \$1,951.00**
- i. Add EXTRA Item 90 – 2" COPPER WATER SERVICE ADJUSTMENT
 - 1. A Measured Qty. of + 1.00 – EACH at a Unit Price of \$1,951.00 = + \$1,951.00
- l. Gas Service Adjustment at Sta. 33+25 = + \$860.00**
- i. Add EXTRA Item 91– GAS SERVICE ADJUSTMENT AT STA. 33+25
 - 1. A Measured Qty. of + 1.00 EACH at a Unit Price of \$860.00 = + \$860.00

2905 South Broadway
Rochester, MN 55904-5515
Phone: 507.288.3923
Fax: 507.288.2675
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Website: www.whks.com



4. This change order increases the contract time by 0 working days.

5. Summary of Costs:

Original Contract Price	\$	2,914,635.99
Net increase of this Change Order	\$	16,253.10
Total increase of Previous Change Order(s)	\$	0.00
Total increase of all Change Orders to Date	\$	16,253.10
Total Revised Contract Price to Date	\$	2,930,889.09

Agreed to by: _____
Owner's Authorized Rep. Title Date

Agreed to by: _____
Contractor's Authorized Rep. Title Date

Recommended by: _____
Engineer Title Date