

Project: 3873.1  
City of Minot,  
North Dakota  
**Change Order**

No. 5

Date of Issuance: November 18, 2015

Effective Date: November 18, 2015

Project: 16Th Ave, 46th St, 14Th Ave Rebuild & 16th Ave Water line	Owner: City of Minot	Owner's Contract No.: 3873.1
Contract: 16Th Ave, 46th St, 14Th Ave Rebuild & 16th Ave Water line		Date of Contract: 9 April 2015
Contractor: Wagner Construction		Engineer's Project No. R14090.01

**The Contract Documents are modified as follows upon execution of this Change Order:**

A hand rail from Sta.12+77 to 13+02 Rt along 16<sup>th</sup> Ave SE was planned to be installed to limit the grading and avoid impacts to existing above ground utilities. Instead of the hand rail, an electric box was moved and raised to accommodate a flatter slope adjacent to the sidewalk, eliminating the requirement for a handrail. This change results in a decrease of \$2,370.00 for removal of the hand rail from the contract and an increase of \$2,232.86 to have the utility company relocate the electric box. Since the electric box is in an easement, the cost to relocate is the responsibility of the project. Net change to the contract is a decrease of \$137.14.

Attachments: (List documents supporting change): Invoice for Electric Box

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price:  \$2,103,067.00	Original Contract Times: <input type="checkbox"/> Working days <input checked="" type="checkbox"/> Calendar date Substantial completion (days or date): <u>October 16, 2015</u> Ready for final payment (days or date): <u>November 2, 2015</u>
[Increase] [Decrease] from previously approved Change Orders No. <u>1</u> to No. <u>4</u> :  \$88,601.00	[Increase] [Decrease] from previously approved Change Orders No. <u>1</u> to No. <u>4</u> : Substantial completion (days): <u>14 Calendar Days</u> Ready for final payment (days): <u>14 Calendar Days</u>
Contract Price prior to this Change Order:  \$2,191,668.00	Contract Times prior to this Change Order: Substantial completion (days or date): <u>October 30, 2015</u> Ready for final payment (days or date): <u>November 16, 2015</u>
[Increase] [Decrease] of this Change Order:  \$137.14	[Increase] [Decrease] of this Change Order: Substantial completion (days or date): <u>0</u> Ready for final payment (days or date): <u>0</u>
Contract Price incorporating this Change Order:  \$2,191,530.86	Contract Times with all approved Change Orders: Substantial completion (days or date): <u>October 30, 2015</u> Ready for final payment (days or date): <u>November 16, 2015</u>

RECOMMENDED:

By: [Signature]  
Engineer (Authorized Signature)

Date: 12/1/15

ACCEPTED:

By: [Signature]  
Owner (Authorized Signature)

Date: 12/7/15

ACCEPTED:

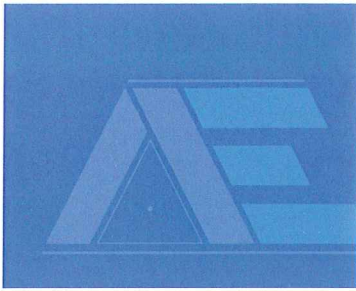
By: [Signature]  
Contractor (Authorized Signature)

Date: 11/18/15

Approved by Funding Agency (if applicable):

Date:

VERENDRYE ELECTRIC COOPERATIVE  
615 HIGHWAY 52 WEST  
VELVA ND 58790



1907 17th Street Southeast  
Minot, ND 58701  
701.837.8737  
[www.ackerman-estvold.com](http://www.ackerman-estvold.com)

MEMORANDUM

To: Ben Cofell, City of Minot

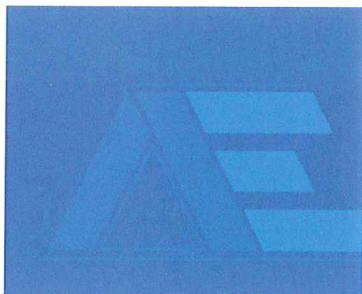
From: Ackerman-Estvold

Date: September 21, 2015

Re: Change Order #5 – Justification for Change and Independent Cost Estimate  
Project 3873.1 - 16th Ave, 46th St and 14th Ave SE Rebuild

Due to future maintenance concerns, an alternative to installing the hand rail along the sidewalk from Sta. 12+77 to 13+02 Rt on 16<sup>th</sup> Ave SE is being considered. The requirement of the handrail is due to steeper slopes than allowed adjacent to the sidewalk. The steeper slopes were used to avoid impacts to the existing above ground utilities that would occur with flatter slopes. The cost to install the planned 79 LF of hand rail is \$2,370.00

The alternative to the hand rail is to flatten out the slopes and adjust one electric box by relocating and/or raising the box. No new material would be required to relocate the box provided enough slack is in the cables coming into the box. So, minimal equipment and labor would be needed to relocate the box. The estimated cost to relocate the box includes 1-backhoe (\$150/HR) and 3-Operators/Laborers (\$85/HR) for a total of 4 to 8 hours. Total estimated cost ranges from \$1,620 to \$3,240.



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September 24, 2015

Mr. Ben Cofell  
City of Minot  
1025 31st St. SE  
Minot, ND 58701

**RE: Change Order #5– Cost Justification for VEC Cabinet  
Project 3873.1 - 16<sup>th</sup> Ave, 46<sup>th</sup> St and 14<sup>th</sup> Ave SE Rebuild**

Verendrye Electric is the owner of the electric box to be relocated in the area of the proposed hand rail from Sta. 12+77 to 13+02 Rt on 16<sup>th</sup> Ave SE. Verendrye intends to relocate the box as it's their facility and invoice the contractor the cost. While no estimated cost is being provided by Verendrye, the expected time to complete the work is estimated to take one crew at most one day.

Based on Verendrye's estimated time to complete the work and related equipment and labor costs indicated on the independent cost analysis, the estimated cost of \$1,620 to \$3,240 to relocate the box compares favorably with the cost of \$2,370 to install the hand rail. Relocating the electric box is expected to be offset by not installing the hand rail as it would no longer be needed.

After careful consideration of the estimated time to complete the work and anticipated costs, it is recommended that the electric box be adjusted as an additional contract cost and the hand rail be eliminated from the contract through a change order to Wagner Construction as the most time and cost effective option.

Sincerely,

Timothy Arens, PE  
Project Manager  
Ackerman-Estvold