

CONTRACT CHANGE ORDER FORM

CITY OF LAKE ELMO, MINNESOTA
39TH ST N: STREET AND SANITARY SEWER IMP
PROJECT NO. 2014.131

FOCUS ENGINEERING, inc.

CHANGE ORDER NO. 4 **DATE:** March 26, 2015

TO: GEISLINGER & SONS, INC, 511 CENTRAL AVE S, PO BOX 437, WATKINS, MINNESOTA 55389

This Document will become a supplement to the Contract and all provisions will apply hereto. The Contract Documents are modified as follows upon execution of this Change Order.

CHANGE ORDER DESCRIPTION / JUSTIFICATION:

During the trenchless installation of a 30-inch casing pipe crossing the Union Pacific Railroad, the contractor claims an obstruction was encountered and the casing pipe cannot be further advanced, in the opinion of the Contractor, utilizing the construction methods employed by the Contractor. The Contractor has therefore made a claim that the City has rejected. In the interest of resolving this dispute, this Change Order provides compensation to complete the installation of a casing pipe under the Union Pacific Railroad tracks by the installation of a 48-inch steel casing by the pipe ramming method, in conjunction with auguring. The casing may also be installed by open cutting once the casing has reached a sufficient distance beyond the railroad tracks. Regardless of method, the Contractor shall employ techniques to control the tunnel face. The Contractor shall provide daily documentation of progress, and frequently check and record the alignment and grade of the boring. The Contractor shall notify the Owner a minimum of 48-hours in advance of any work occurring on the Project and shall immediately notify the Owner of any deviations from the design. The Contractor shall use a minimum casing wall thickness in accordance with Union Pacific Railroad standards for E80 loading.

Obstructions were encountered throughout the installation of the pilot rods for the 30-inch casing, and in particular at approximately 45 feet and at 120 feet from the beginning of the casing (station 0+40 and 1+15). Based on this and the soil types encountered in the boring installation to date, there is a very high likelihood additional obstructions will be encountered during the casing installation. The 48-inch casing pipe shall be measured by the Linear Foot, complete in place, and paid at the per lineal foot price agreed upon in this Change Order. This unit price payment shall include excavation and backfill, temporary sheeting and shoring, casing pipe, ramming, auguring, jacking, obstruction removal, grouting of voids, sand fill, joint restraints, spacers, and seal and all associated work required to install the casing pipe as shown on the plans. The Contractor understands varying methods may be needed (such as hand shoveling) for removing obstructions hindering installation of the casing. As part of the work, the Contractor shall also fill the existing void created at the termination of the existing 30-inch casing, as well as any additional voids created during completion of the work.

By executing this change order the contractor is stating that all claims made to date relating to the 39th Street: Street and Sanitary Sewer Improvements project are resolved in full, and contractor warrants that no claims will be made now or in the future regarding any work completed for any costs incurred on this project to the date of this change order.

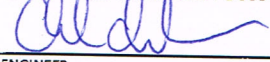
Attachments (list documents supporting change): Sheet C401 - Revised March 16, 2015

ITEM	DESCRIPTION OF PAY ITEM	UNIT	QTY	UNIT PRICE	INCREASE/(DECREASE)
CO4-1	48-INCH CASING PIPE	LF	164	\$1,300.00	\$213,200.00
CO4-2	DEDUCT 28-INCH CASING PIPE (NOT INSTALLED)	LF	-104	\$565.00	(\$58,760.00)
NET CONTRACT CHANGE					\$154,440.00

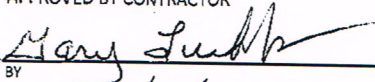
Amount of Original Contract	\$ 1,760,458.80
Sum of Additions/Deductions approved to date (CO Nos. 1, 2, 3)	\$ 160,624.00
Contract Amount to date	\$ 1,921,082.80
Amount of this Change Order (ADD) (DEDUCT) (NO-CHANGE)	\$ 154,440.00
Revised Contract Amount	\$ 2,075,522.80

The Contract Period for Final Completion will be (UNCHANGED) (INCREASED) (DECREASED) 0 days

APPROVED BY ENGINEER: FOCUS Engineering, inc.


 ENGINEER
3/26/2015 4/2/2015
 DATE

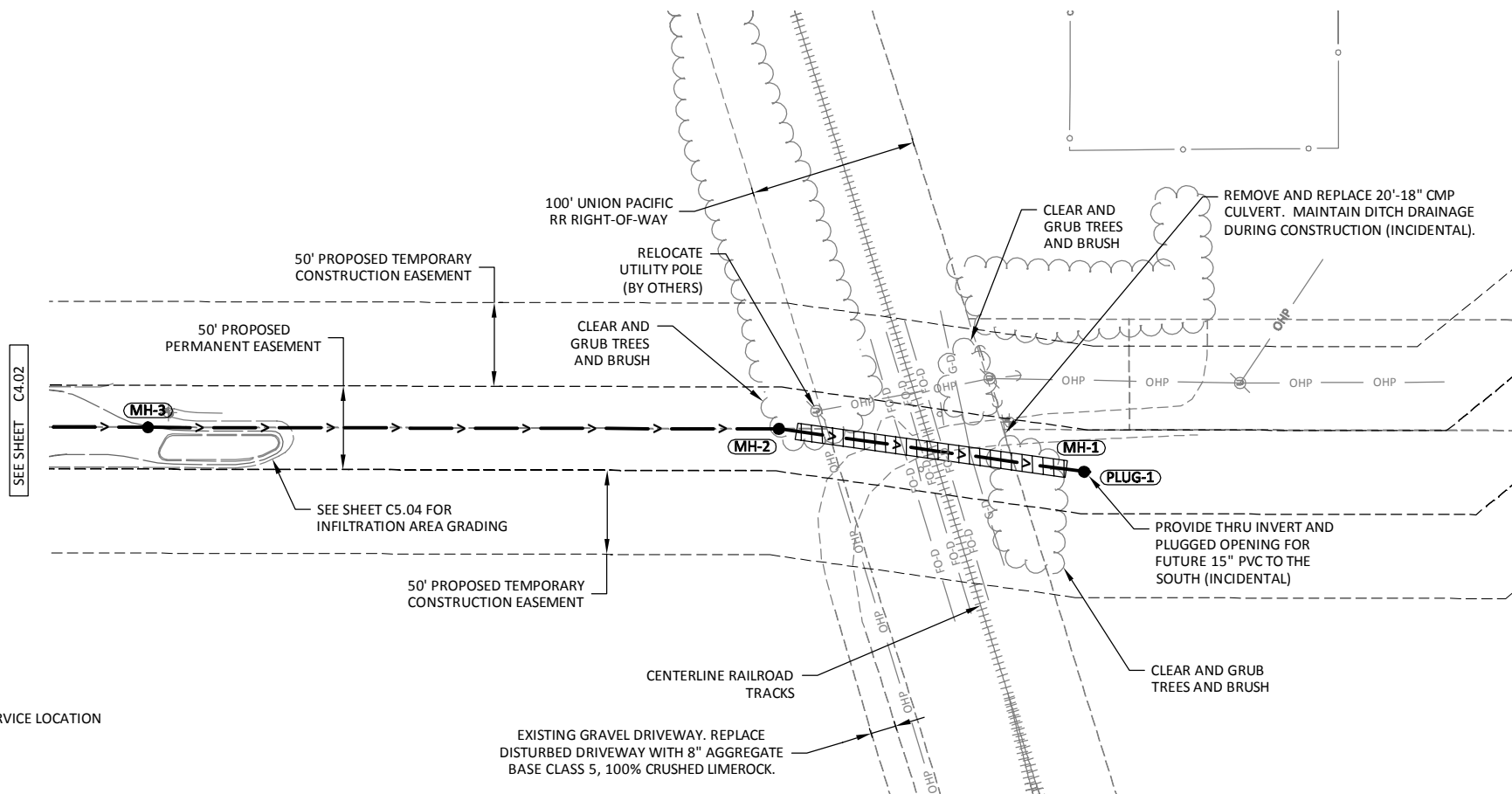
APPROVED BY CONTRACTOR


 BY
4/2/2015
 DATE

APPROVED BY OWNER: CITY OF LAKE ELMO, MINNESOTA

BY _____
 DATE _____

BY _____
 DATE _____



SANITARY SEWER NOTES:

1. STATIONING IN PROFILE REFLECTS PIPE STATIONING.
2. SHADED STATIONING IN PLAN REFLECTS STREET STATIONING.
3. ALL SANITARY SEWER SHALL BE PVC, SDR 26 UNLESS OTHERWISE NOTED.
4. SEE SHEET C0.02 FOR REMOVALS.

WATER MAIN NOTES:

1. ALL WATER MAIN PIPE SHALL BE DIP CLASS 52 WRAPPED IN POLYETHYLENE UNLESS OTHERWISE NOTED.
2. WATER MAIN SHALL HAVE 7.5 FOOT MINIMUM COVER UNLESS OTHERWISE NOTED.
3. HYDRANT ELEVATIONS ARE GIVEN TO TOP NUT.
4. SEE SHEET C0.02 FOR REMOVALS.

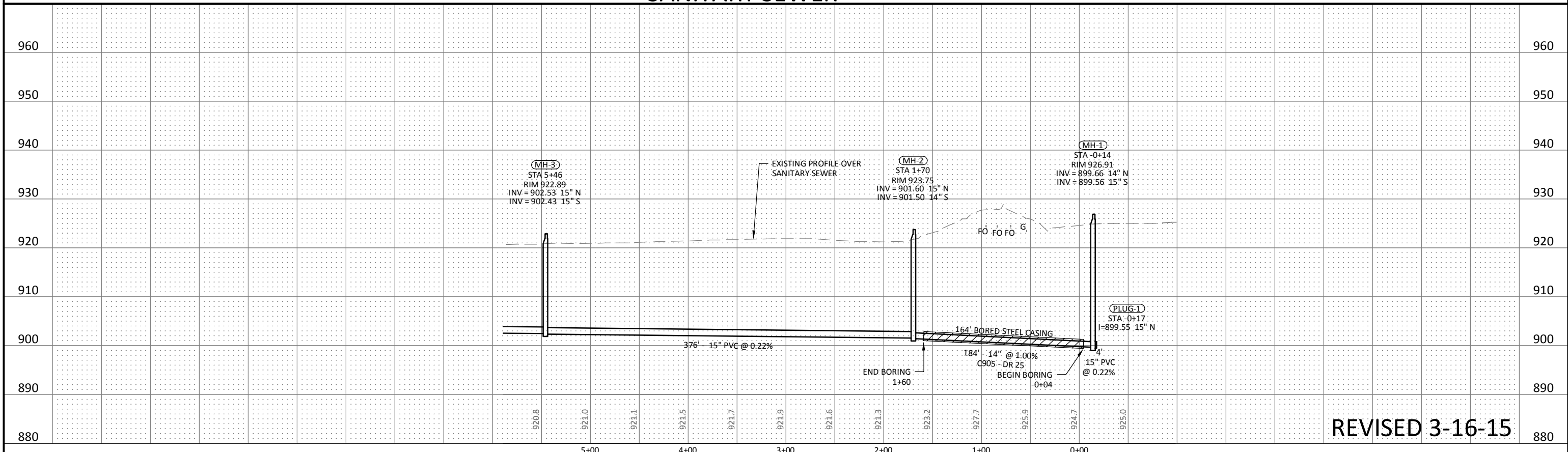
SERVICE NOTES:

1. ALL SANITARY SEWER SERVICE PIPE SHALL BE 6" PVC, SCH 40 UNLESS OTHERWISE NOTED.

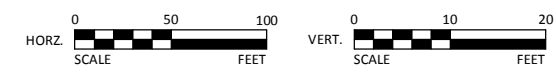
TYPICAL SERVICE INFORMATION:

- 1+50 INDICATES WYE STATION ALONG SEWER ALIGNMENT
- 1+50* INDICATES WYE LOCATION IS APPROXIMATE AND SHOULD BE FIELD VERIFIED TO MATCH EXISTING SERVICE LOCATION
- 897.0 INDICATES TOP OF SEWER RISER ELEVATION AT PROPERTY LINE (WHEN APPLICABLE)
- 892.0 INDICATES INVERT ELEVATION OF SEWER SERVICE AT PROPERTY LINE
- (891.1) INDICATES TOP OF SEWER RISER ELEVATION AT MAIN (WHEN APPLICABLE)

SANITARY SEWER



REVISED 3-16-15



DESIGNED BY
DRAWN BY
CHECKED BY
MICHAEL R. WARNER
LIC. NO. 44693 DATE 3/26/2015

BOLTON & MENK, INC.
Consulting Engineers & Surveyors
MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN BURNSVILLE, MN
WILLMAR, MN CHASKA, MN RAMSEY, MN MAPLEWOOD, MN
BAXTER, MN ROCHESTER, MN AMES, IA SPENCER, IA

REV.	BY	DATE
1	MRW	7/2/14
2	MRW	11/19/14
3	MRW	3/10/15

LAKE ELMO, MINNESOTA
39TH STREET NORTH:
STREET AND SANITARY SEWER IMPROVEMENTS
SANITARY SEWER

SHEET
C4.01

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