

**BOARD OF COUNTY COMMISSIONERS**  
**SARPY COUNTY, NEBRASKA**

**RESOLUTION AUTHORIZING CHAIRMAN TO SIGN TRAVELERS DATA CENTER SANITARY OUTFALL SEWER**  
**CHANGE ORDER 1**

WHEREAS, pursuant to Neb. Rev. Stat. §23-104(6) (Reissue 2012), the County has the power to do all acts in relation to the concerns of the County necessary to the exercise of its corporate powers; and,

WHEREAS, pursuant to Neb. Rev. Stat. §23-103 (Reissue 2012), the powers of the County as a body are exercised by the County Board; and,

WHEREAS, a bid has been awarded to Valley Corporation in the amount of \$777,879.63 for materials and construction of the Travelers Data Center Sanitary Outfall Sewer, Resolution 2014-75; and,

WHEREAS, project changes have been identified on the attached Change Order 1.

NOW, THEREFORE, BE IT RESOLVED, By the Sarpy County Board of Commissioners, that the Chairman of such Board is hereby authorized to sign the attached Change Order 1 in the amount of an additional \$102,035.23.

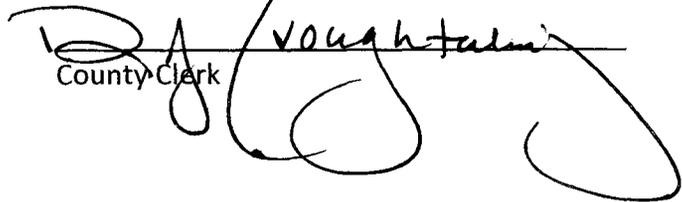
The above Resolution was approved by a vote of the Sarpy County Board of Commissioners at a public meeting duly held in accordance with applicable law on the 9<sup>th</sup> day of September, 2014.

  
Sarpy County Board Chairman

Attest:

SEAL



  
County Clerk



## SARPY COUNTY

Dennis L. Wilson, P.E., PhD  
Sarpy County Engineer

PUBLIC WORKS DEPARTMENT  
15100 South 84th Street • Papillion, NE 68046-2895  
Phone (402) 537-6900 • FAX (402) 537-6955 • www.sarpy.com

### MEMO

TO: Sarpy County Board of Commissioners

FROM: Patrick M. Dowse, P.E., Engineering Manager *PMD*

DATE: September 5, 2014

SUBJECT: Travelers Outfall Sanitary Sewer - Change Order #1

I recommend approval of Change Order #1 to the Travelers Outfall Sanitary Sewer project in the amount of \$102,035.23, or a 13.12% addition to the original contract amount of \$777,879.63, for a revised contract amount of \$879,914.86

The change order is for additional rock, filter fabric and bi-axial geogrid stabilization underneath the original trench section of sanitary sewer pipe with rock envelope as planned for the project. See the attached sketch for reference. The additional stabilization was required due to the poor in-situ soil and moisture conditions within the pipe trench. The recommendation for the additional pipe bedding was made by the consulting geotechnical engineer after observing the site conditions. This Change Order encompassed the pipe installation from MH (Manhole Number) 13 to MH22, or 2,631.67 linear feet. As the depths of the manholes were reduced for subsequent MH locations up to MH25, it is anticipated the remaining additional rock stabilization cost associated with the remaining sections of the run west of HWY 50 (all pipe work from MH13 to MH 32 should be complete prior to the 9/9 Board Meeting) to be minimal.

If you have any questions, please give me a call at 537-6917.

**CHANGE ORDER 1**

PROJECT: TRAVELERS DATA CENTER SANITARY OUTFALL SEWER  
 OWNER: SARPY COUNTY  
 CONTRACTOR: VALLEY CORPORATION  
 DATE: August 21, 2014

The following changes to the contract quantities for the above referenced project are hereby approved:

ADDITIONS TO APPROXIMATE QUANTITIES

<u>BID NO.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>PRICE</u>	<u>AMOUNT</u>
A.	15" PIPE, ADDITIONAL ROCK & GRID FOR PIPE BASE, MH 13-MH 14	172.88	LF	26.99	4,666.03
B.	12" PIPE, ADDITIONAL ROCK & GRID FOR PIPE BASE, MH 14-MH 22	2,458.79	LF	26.99	66,362.74
C.	10" PIPE, ADDITIONAL ROCK & GRID FOR PIPE BASE, MH 22-MH 26	0.00	LF	26.99	0.00
D.	15" PIPE, ADDIT'L. ROCK & FABRIC FOR PIPE ENVELOPE, MH 13-MH 14	172.88	LF	9.82	1,697.68
E.	12" PIPE, ADDIT'L. ROCK & FABRIC FOR PIPE ENVELOPE, MH 14-MH 22	2,458.79	LF	11.92	29,308.78
F.	10" PIPE, ADDIT'L. ROCK & FABRIC FOR PIPE ENVELOPE, MH 22-MH 26	0.00	LF	13.82	0.00
<b>TOTAL ADDITIONS</b>					<b>\$102,035.23</b>

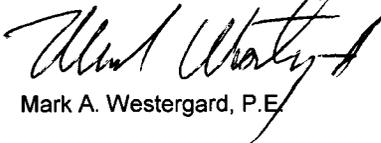
DEDUCTIONS TO APPROXIMATE QUANTITIES

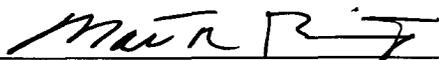
<u>BID NO.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>PRICE</u>	<u>AMOUNT</u>
NONE					
<b>TOTAL DEDUCTIONS</b>					<b>\$0.00</b>
<b>ORIGINAL CONTRACT</b>					<b>\$777,879.63</b>
<b>AMOUNT TO BE ADDED</b>					<b>\$102,035.23</b>
<b>REVISED CONTRACT</b>					<b>\$879,914.86</b>

The contract amount is revised to \$879,914.86. The time of completion in the contract is not changed.

Recommended for approval by:

E&A CONSULTING GROUP, INC.

  
 Mark A. Westergard, P.E.

ACCEPTED BY:   
 VALLEY CORPORATION

APPROVED BY:   
 SARPY COUNTY ENGINEER

ATTESTED BY:   
 SARPY COUNTY CLERK

APPROVED BY:   
 SARPY COUNTY BOARD CHAIRMAN

## WEST SIDE HIGHWAY 50

### 15" Pipe

	1	3	4	5	6	Drawing Reference
		Rock	Rock	Grid	Modified	
	Fabric	Envelope	Base	Base	Rock in	
	(SY)	(Ton)	(Ton)	(SY)	Envelope	
	1.61	0	0.69	0.445	0.56	
Unit Price	\$4.08	\$36.33	\$36.33	\$4.32	\$5.80	
Price/LF	\$6.57	\$0.00	\$25.07	\$1.92	\$3.25	\$36.81 /LF
						172.88 LF
						\$6,363.71

### 12" Pipe

	1	3	4	5	6	Drawing Reference
		Rock	Rock	Grid	Modified	
	Fabric	Envelope	Base	Base	Rock in	
	(SY)	(Ton)	(Ton)	(SY)	Envelope	
	1.56	0.07	0.69	0.445	0.52	
Unit Price	\$4.08	\$36.33	\$36.33	\$4.32	\$5.80	
Price/LF	\$6.36	\$2.54	\$25.07	\$1.92	\$3.02	\$38.91 /LF
						2458.79 LF
						\$95,671.51

### 10" Pipe

	1	3	4	5	6	Drawing Reference
		Rock	Rock	Grid	Modified	
	Fabric	Envelope	Base	Base	Rock in	
	(SY)	(Ton)	(Ton)	(SY)	Envelope	
	1.52	0.13	0.69	0.445	0.5	
Unit Price	\$4.08	\$36.33	\$36.33	\$4.32	\$5.80	
Price/LF	\$6.20	\$4.72	\$25.07	\$1.92	\$2.90	\$40.81 /LF
						<del>4280.44</del> LF
						\$52,254.75
						\$ 810.25
						\$154,289.97

GRAND TOTAL WEST SIDE

WITH REDUCED  
 ←  
 DEPTH  
 THIS IS  
 NEARLY @

CX11011A



**WORKMAN**  
CORPORATION

P.O. Box 400  
Louisville, NE 68037

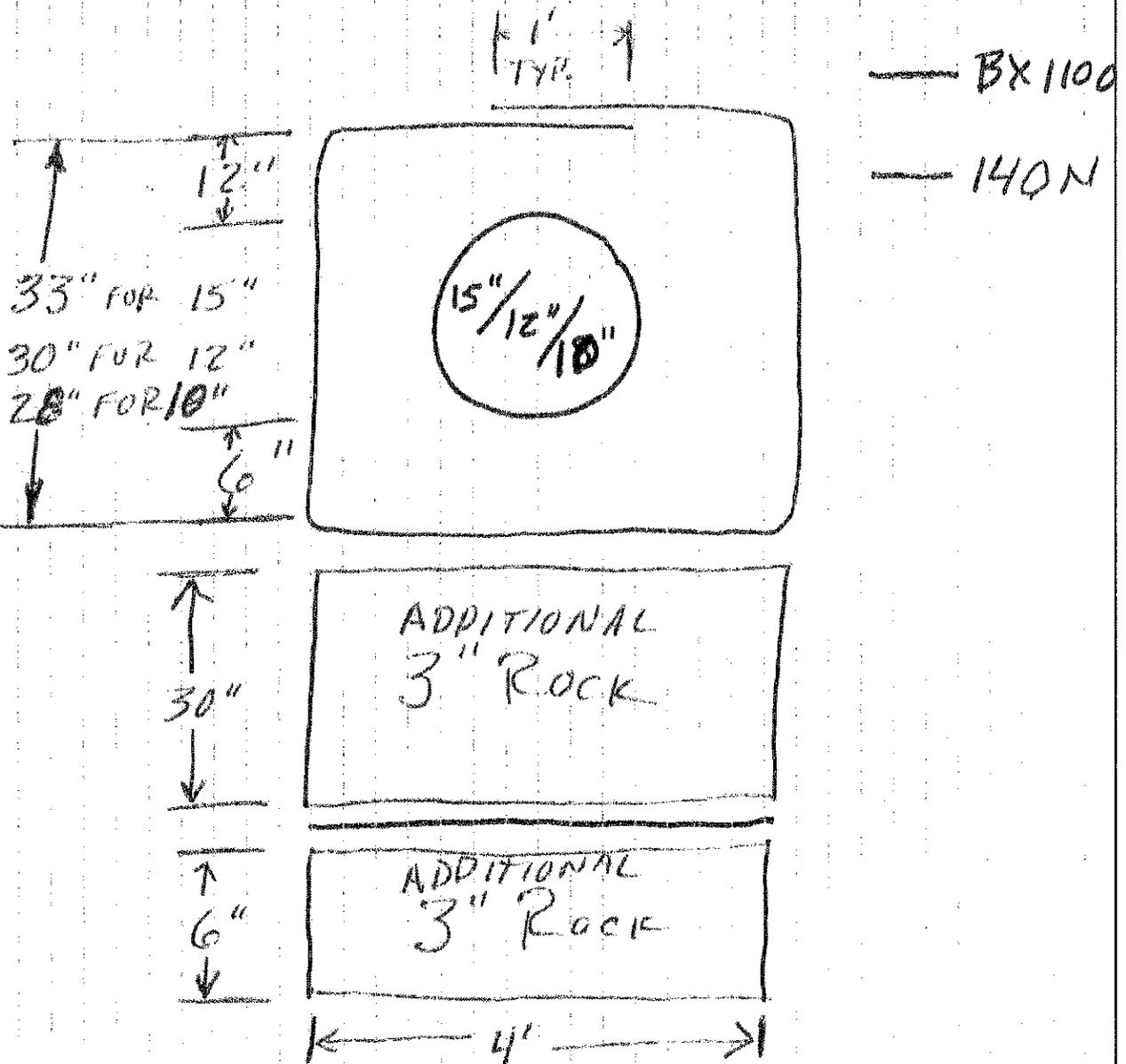
Phone: 402.234.2100  
Fax: 402.234.2118

www.workmanprecast.com

Project No. 6010-788-030

Sheet \_\_\_\_\_ of \_\_\_\_\_

Project: TRAVELERS Date: 1/11/11  
Subject: ADDITIONAL BEDDING WEST SIDE (REMARKS) Designed By: \_\_\_\_\_ Checked By: \_\_\_\_\_

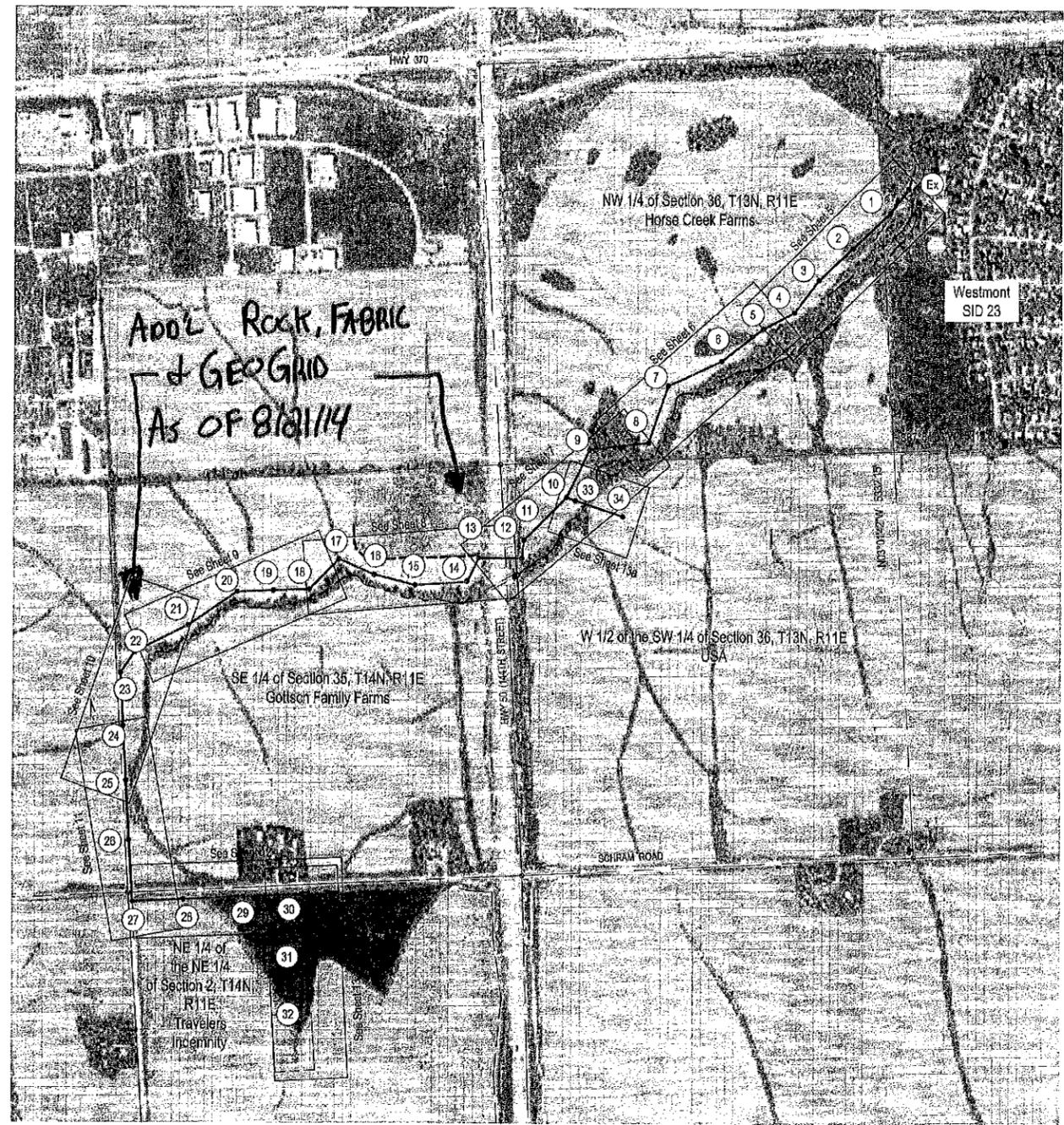
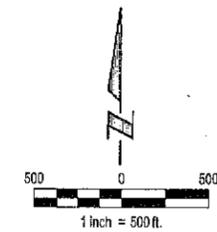
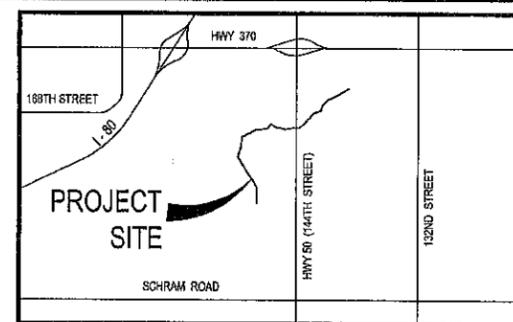


LF PIPE  $172.98/15" = 2458.79/12" = 1280.44/10"$   
 PLAN MAX TRENCH 4' FOR 15" / 3.5' FOR 12" / 3.0' FOR 10"



# SARPY COUNTY

## CONSTRUCTION PLANS FOR: TRAVELERS DATA CENTER SANITARY SEWER OUTFALL



### INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	Cover Sheet
2	Stormwater Pollution Prevention Plan Notes & Details
3	Notes & Details
4	Basin Map & Flow Calculations
5	Plan & Profile Sta 0+00 to Sta 13+00
6	Plan & Profile Sta 13+00 to Sta 26+00
7	Plan & Profile Sta 26+00 to Sta 39+00
8	Plan & Profile Sta 39+00 to Sta 52+00
9	Plan & Profile Sta 52+00 to Sta 65+00
10	Plan & Profile Sta 65+00 to Sta 74+00
11	Plan & Profile Sta 74+00 to Sta 86+00
12	Plan & Profile Sta 86+00 to Sta 97+00
13	Plan & Profile Sta 97+00 to Sta 103+42.88
14	Plan & Profile Sta 0+00 to MH 10 Sta 32+73.82

### APPROXIMATE BID QUANTITIES

ITEM	DESCRIPTION	QUANTITY	UNIT
1	Clearing and Grubbing	1	LS
2	21" Sanitary Sewer Pipe	870	LF
3	18" Sanitary Sewer Pipe	1,300	LF
4	15" Sanitary Sewer Pipe	2,150	LF
5	12" Sanitary Sewer Pipe	2,500	LF
6	10" Sanitary Sewer Pipe	2,040	LF
7	8" Sanitary Sewer Pipe	1,675	LF
8	Jack and Bore 24" Steel Casing Pipe (0.281" min thickness)	330	LF
9	Horizontal Directional Drill 4" HDPE Sanitary Sewer Pipe	350	LF
10	60" Sanitary Sewer Manhole	510	VF
11	Concrete Ring Retainer	34	EA
12	Connect to Existing Sanitary Sewer	1	EA
13	3/4" Aggregate for Unstable Manhole Trench (if necessary)	200	TN
14	Geotextile Fabric for Unstable Manhole Trench (if necessary)	200	SY
15	Construct, Maintain & Remove Silt Fence	9,050	LF
16	TV Inspection	1	LS
17	Air Pressure Testing	1	LS
18	Earth Stockpile Removal (Established Quantity)	5,900	CY
19	Seeding Type - B	8.5	AC
20	Seeding U.S. Government Mix	1.6	AC
21	Construct Stabilized Construction Entrance	3	EA

**E & A CONSULTING GROUP, INC.**  
Engineering • Planning • Environmental & Field Services



TRAVELERS DATA  
CENTER  
SANITARY SEWER OUTFALL  
SARPY COUNTY, NEBRASKA

Cover Sheet



Revision	Description	Date
1	As Shown	01/03/2014

Project No:	P2014-268-001
Date:	01/03/2014
Designed By:	MW
Drawn By:	RF
Scale:	1"=500'
Sheet:	1 of 14

330 North 17th Street Omaha, NE 68154  
Phone: 402.886.4700 Fax: 402.886.3999  
www.eaog.com

1620214-268-001-KP-001-01-03-2014