

Change Order

Date of Issuance:

6-1-15

Effective Date:

6-1-15

No. 02

Project: 55th Crossing West Street & Utility
Improvements

Owner: City of Minot

Owner's Contract No.: 3913

Contract: 55th Crossing West Street & Utility Improvements

Date of Contract:

Contractor: Wagner Construction, Inc.

Engineer's Project No.: 12-046.03

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

Description: Revisions to contract as detailed in the attached Memo to Lance Meyer, PE

Attachments: (List documents supporting change):

Memo_2015-03-31_Minot_Lance_CO2-CostComparison

Request for Time extension

CHANGE IN CONTRACT PRICE:

Original Contract Price:

\$5,598,920.00

[Increase] [Decrease] from previously approved Change
Orders No. _____ to No. _____:

\$ _____

Contract Price prior to this Change Order:

\$5,705,419.34

[Increase] [Decrease] of this Change Order:

\$75,732.90

Contract Price incorporating this Change Order:

\$5,781,152.24

CHANGE IN CONTRACT TIMES:

Original Contract Times: ☐ Working days ☒ Calendar days

Substantial completion (days or date): December 1, 2014

Ready for final payment (days or date): December 15, 2015

[Increase] [Decrease] from previously approved Change Orders
No. _____ to No. _____:

Substantial completion (days): _____

Ready for final payment (days): _____

Contract Times prior to this Change Order:

Substantial completion (days or date): August 1, 2015

Ready for final payment (days or date): August 15, 2015

[Increase] [Decrease] of this Change Order:

Substantial completion (days or date): _____

Ready for final payment (days or date): _____

Contract Times with all approved Change Orders:

Substantial completion (days or date): August 1, 2015

Ready for final payment (days or date): August 15, 2015

RECOMMENDED:

By: _____

Engineer (Authorized Signature)

Date: 6-1-15

ACCEPTED:

By: _____

Owner (Authorized Signature)

Date: 6/2/2015

ACCEPTED:

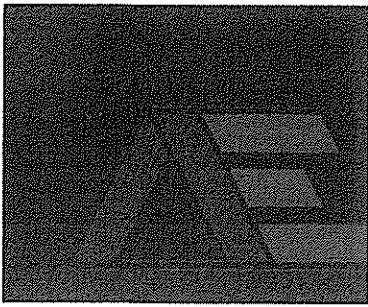
By: _____

Contractor (Authorized Signature)

Date: 5-18-15

Approved by Funding Agency (if applicable): _____

Date: _____



1907 17th Street Southeast
Minot, ND 58701
701.837.8737
www.ackerman-estvold.com

MEMORANDUM

To: Lance Meyer, PE, City of Minot

Cc: Jacqueline Aucker, EI, Assistant City Engineer, City of Minot

From: Patrick D. Samson, PE, Ackerman-Estvold

Date: March 31, 2015

Re: 55th Crossing West
Cost Justification for Change Order #2

The purpose of this memo is to provide a brief explanation of need for the Change Order #2 items and to justify the cost of each item.

General Items:

The Contractor installed additional Traffic Control signage due to SJ Louis work on 55th.

- Item 2: Traffic Control – Increase Lump Sum Price to account for additional signage required as a result of the delayed SJ Louis 55th improvements.
 - *Increase Unit Price from \$5,000 to \$8,700*

Result = Increase of 3,700.00

Water Items:

As the Sanitary Sewer was extended up 16th Avenue near 525nd Street, it was discovered that the water main was not as located on the FEMA Record Drawings. It was requested that the Contractor pothole the existing water main near the 47th loop prior to sanitary sewer improvements so potential conflicts could be resolved.

- Add Item: WO-6 – Potholing for 12" Water Main – 47th Loop – Add 1 Lump Sum
 - *The Contractor Price for the Work is a Lump Sum of \$802.50.*

Result = Increase of \$802.50

As a part of the water main improvements, the Contractor was required to test all of the water mains within the project limits in accordance with City Standards. It was found that the water system was not holding pressure. At the time, it was indeterminate if the leaks were a result of the work performed by the Contractor or if the leaks were a part of the existing system. The items listed below are only those that apply to the existing system (areas not installed by the contractor).

- Add Item: WO-8 – 15th Ave Water Main and Service Leak Repair – Add 1 Lump Sum
 - *The Contractor price for the work is a lump sum of \$8,097.99.*
- Add Item: WO-10 – Digging and fix of abandoned Water Service – Lot 9A

- *The Contractor Price for the work is a lump sum of \$5,940.00.*
- Add Item: WO-11 – Exploratory Digging – found leak on Lot 8A – Add 1 Lump Sum
 - *The Contractor price for the work is a lump sum of \$13,860.00.*
- Add Item: WO-12 – Leak Detection – Add 1 Lump Sum
 - *The Contractor price for the work is a lump sum of \$1,568.58.*
- Add Item: WO-13 – Leak Detection – Correction at Ex. Hydrant – Add 1 Lump Sum
 - *The Contractor price for the work is a lump sum of \$4,600.00.*
- Add Item: WO-16 – Leak Detection – Helium – Corrected Tee, Hyd, & GV – Add 1 Lump Sum
 - *The Contractor price for the work is a lump sum of \$7,031.13.*
- Add Item: WO-17 – Leak Detection – Correction at Hyd, New 6" WM – Add 1 Lump Sum
 - *The Contractor price for the work is a lump sum of \$5,578.50.*

Result = Increase of \$46,676.20

Pavement Items:

The Developer requested that temporary aggregate be placed at the end of the year so that access was maintained for the properties under construction and to be sold over the winter and into the spring. The work was considered temporary as subgrade testing was not complete and fabric not placed. The aggregate will be salvaged and used as a part of the proposed improvements.

- Item 70: Class 5 Aggregate Base (Salvaged) – Revise from 15,000 Tons to 16,450 Tons (90% of temporary material)
 - *Paid at contract unit price of \$10.00 per Ton.*
- Item 71: Class 5 Aggregate Base – Revise from 15,000 Tons to 13,550 Ton (90% of temporary material)
 - *Paid at contract unit price of \$21.00 per Ton.*
- Add Item: Class 5 Aggregate Base – Temp Surfacing – Add 1,615 Ton
 - *The Contractor price for the work is \$25.08 per Ton (\$22.58 for material, \$2.50 for placement)*

Result = Increase of \$24,554.20

55th Crossing - West
Wagner Construction CO #2
March 31, 2015

Date:		CO-1	CO-2		Bid/CO-1	CO-2	CO-1	CO-2	
Item	Description	Quantity	Quantity	Unit	Price	Price	Total	Total	
	General Items								
1	General Conditions	1	1	LS	\$405,000.00	\$405,000.00	\$405,000.00	\$405,000.00	\$0.00
2	Traffic Control	1	1	LS	\$5,000.00	\$8,700.00	\$5,000.00	\$8,700.00	\$3,700.00
3	Materials Testing	1	1	LS	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$0.00
	Subtotal						\$435,000.00	\$438,700.00	\$3,700.00
	Removals								
4	4" Asphalt Pavement	3,050	3,050	SY	\$3.00	\$3.00	\$9,150.00	\$9,150.00	\$0.00
5	Concrete Pavement	450	450	SY	\$5.00	\$5.00	\$2,250.00	\$2,250.00	\$0.00
6	Gravel (Salvage and Stockpile)	36,500	36,500	TON	\$1.50	\$1.50	\$54,750.00	\$54,750.00	\$0.00
7	Water Service (to main and capped)	21	21	EA	\$1,100.00	\$1,100.00	\$23,100.00	\$23,100.00	\$0.00
8	Water Service (partial)	47	47	EA	\$830.00	\$830.00	\$39,010.00	\$39,010.00	\$0.00
9	Sanitary Sewer Service (to main and plugged)	30	30	EA	\$1,100.00	\$1,100.00	\$33,000.00	\$33,000.00	\$0.00
10	Sanitary Sewer Service (partial)	39	39	EA	\$830.00	\$830.00	\$32,370.00	\$32,370.00	\$0.00
11	15" CMP Culvert	95	95	EA	\$20.00	\$20.00	\$1,900.00	\$1,900.00	\$0.00
12	18" CMP Culvert	57	57	EA	\$20.00	\$20.00	\$1,140.00	\$1,140.00	\$0.00
13	24" CMP Culvert	9	9	EA	\$20.00	\$20.00	\$180.00	\$180.00	\$0.00
14	36" CMP Culvert	16	16	EA	\$20.00	\$20.00	\$320.00	\$320.00	\$0.00
15	Fire Hydrant	3	3	EA	\$1,500.00	\$1,500.00	\$4,500.00	\$4,500.00	\$0.00
16	Street Signs	45	45	EA	\$50.00	\$50.00	\$2,250.00	\$2,250.00	\$0.00
17	Chain Link Fence	2,210	2,210	LF	\$3.00	\$3.00	\$6,630.00	\$6,630.00	\$0.00
18	Trash Enclosure	3	3	EA	\$1,500.00	\$1,500.00	\$4,500.00	\$4,500.00	\$0.00
	Subtotal						\$215,050.00	\$215,050.00	\$0.00
	Water Items								
19	1" Copper Water Service, Complete	112	112	EA	\$1,700.00	\$1,700.00	\$190,400.00	\$190,400.00	\$0.00
20	Curb Stop	46	46	EA	\$650.00	\$650.00	\$29,900.00	\$29,900.00	\$0.00
21	6" C-900 Water Main (DR-18)	30	30	LF	\$75.00	\$75.00	\$2,250.00	\$2,250.00	\$0.00
22	8" C-900 Water Main (DR-18)	500	500	LF	\$54.00	\$54.00	\$27,000.00	\$27,000.00	\$0.00
23	6" Gate Valve, Riser & Box	8	8	EA	\$2,000.00	\$2,000.00	\$16,000.00	\$16,000.00	\$0.00
24	8" Gate Valve, Riser & Box	1	1	EA	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$0.00
25	Relocate Ex. Fire Hydrant	4	4	EA	\$3,000.00	\$3,000.00	\$12,000.00	\$12,000.00	\$0.00
26	Fire Hydrant	8	8	EA	\$5,000.00	\$5,000.00	\$40,000.00	\$40,000.00	\$0.00
27	8"x6" DI Tee	1	1	EA	\$800.00	\$800.00	\$800.00	\$800.00	\$0.00
28	8" DI Bend	1	1	EA	\$800.00	\$800.00	\$800.00	\$800.00	\$0.00
29	8" Wet Tap with Valve & Tapping Sleeve	6	6	EA	\$5,500.00	\$5,500.00	\$33,000.00	\$33,000.00	\$0.00

30	6" Wet Tap with Valve & Tapping Sleeve	5	5	EA	\$6,000.00	\$6,000.00	\$30,000.00	\$30,000.00	\$0.00
31	8" DI Cap	6	6	EA	\$600.00	\$600.00	\$3,600.00	\$3,600.00	\$0.00
CO-1	Relocate Curb Stop	1	1	EA	\$1,387.32	\$1,387.32	\$1,387.32	\$1,387.32	\$0.00
CO-1	Repair Water Main Break and add 8"x6" Tee	1	1	LS	\$2,795.00	\$2,795.00	\$2,795.00	\$2,795.00	\$0.00
CO-2	WO-6 - Potholing for 12" Water Main - 47th Loop	0	1	LS	\$0.00	\$802.50	\$0.00	\$802.50	\$802.50
CO-2	WO-8 - 15th Ave Water Main and Service Leak Repair	0	1	LS	\$0.00	\$8,097.99	\$0.00	\$8,097.99	\$8,097.99
CO-2	WO-10 - Digging and fix of abandoned Water Service - Lot 9A	0	1	LS	\$0.00	\$5,940.00	\$0.00	\$5,940.00	\$5,940.00
CO-2	WO-11 - Exploratory Digging - found leak on Lot 8A	0	1	LS	\$0.00	\$13,860.00	\$0.00	\$13,860.00	\$13,860.00
CO-2	WO-12 - Leak Detection	0	1	LS	\$0.00	\$1,568.58	\$0.00	\$1,568.58	\$1,568.58
CO-2	WO-13 - Leak Detection - Correction at Ex. Hydrant	0	1	LS	\$0.00	\$4,600.00	\$0.00	\$4,600.00	\$4,600.00
CO-2	WO-16 - Leak Detection - Helium - Corrected Tee, Hyd. & GV	0	1	LS	\$0.00	\$7,031.13	\$0.00	\$7,031.13	\$7,031.13
CO-2	WO-17 - Leak Detection - Correction at Hyd, New 6" WM	0	1	LS	\$0.00	\$5,578.50	\$0.00	\$5,578.50	\$5,578.50
Subtotal							\$392,932.32	\$440,411.02	\$47,478.70
Sanitary Sewer Items									
32	8" PVC Sewer Main (SDR-35)	1,877	1,877	LF	\$75.00	\$75.00	\$140,775.00	\$140,775.00	\$0.00
33	8" PVC Sewer Main (SDR-35) - Remove & Replace	420	420	LF	\$200.00	\$200.00	\$84,000.00	\$84,000.00	\$0.00
34	12" PVC Sewer Main (SDR-35)	1,730	1,730	LF	\$110.00	\$110.00	\$190,300.00	\$190,300.00	\$0.00
35	4" PVC Sewer Service Complete - Sch. 40	122	122	EA	\$1,600.00	\$1,600.00	\$195,200.00	\$195,200.00	\$0.00
36	48" Manhole Eccentric Standard, Complete	16	16	EA	\$5,000.00	\$5,000.00	\$80,000.00	\$80,000.00	\$0.00
37	Connect To Ex. Manhole By External Drop	1	1	EA	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$0.00
38	Ex. Manhole Adjustments	18	18	EA	\$750.00	\$750.00	\$13,500.00	\$13,500.00	\$0.00
39	8" Plug	5	5	EA	\$225.00	\$225.00	\$1,125.00	\$1,125.00	\$0.00
40	12" Plug	0	0	EA	\$250.00	\$250.00	\$0.00	\$0.00	\$0.00
41	Sewer Televising	1	1	LS	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$0.00
CO-1	Repair Manhole Connection (Ex MH 57-1, 47th Loop)	1	1	EA	\$3,800.00	\$3,800.00	\$3,800.00	\$3,800.00	\$0.00
CO-1	Remove and replace 15" Sanitary Sewer (55th & 16th, Sheet 30)	120	120	LF	\$110.00	\$110.00	\$13,200.00	\$13,200.00	\$0.00
CO-1	21" PVC Sewer Main (Sheet 30, SMH-60)	20	20	LF	\$185.00	\$185.00	\$3,700.00	\$3,700.00	\$0.00
CO-1	21" Plug (Sheet 30, SMH-60)	1	1	EA	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$0.00
CO-1	Add 8" External Drop to Sanitary Manhole (SMH-81 & 82)	9.1	9.1	Vert FT	\$425.00	\$425.00	\$3,867.50	\$3,867.50	\$0.00
CO-1	Add 15" External Drop to Sanitary Manhole (SMH-60)	16	16	Vert FT	\$495.00	\$495.00	\$7,920.00	\$7,920.00	\$0.00
CO-1	Improved Pipe Bedding	713	713	TON	\$34.66	\$34.66	\$24,712.58	\$24,712.58	\$0.00
CO-1	Modify SMH to "Doghouse Manhole" (SMH-67)	1	1	EA	\$1,350.00	\$1,350.00	\$1,350.00	\$1,350.00	\$0.00
CO-1	Add 48" (Remove 64") Barrel Section to SMH-70	1	1	EA	\$1,700.00	\$1,700.00	\$1,700.00	\$1,700.00	\$0.00
CO-1	Locate Existing Water Main	1	1	LS	\$802.50	\$802.50	\$802.50	\$802.50	\$0.00
CO-1	Add 60" Barrel Section to Sanitary Manhole (SMH-60)	1	1	EA	\$1,375.00	\$1,375.00	\$1,375.00	\$1,375.00	\$0.00
Subtotal							\$781,327.58	\$781,327.58	\$0.00
Storm Sewer Items									
42	24" x 36" Catch Basin	28	28	EA	\$3,300.00		\$92,400.00	\$92,400.00	\$0.00
43	48" Dia. Catch Basin Manhole	25	25	EA	\$3,000.00		\$75,000.00	\$75,000.00	\$0.00
44	60" Dia. Catch Basin Manhole	21	21	EA	\$3,200.00		\$67,200.00	\$67,200.00	\$0.00
45	72" Dia. Catch Basin Manhole	2	2	EA	\$9,500.00		\$19,000.00	\$19,000.00	\$0.00

46	84" Dia. Catch Basin Manhole	1	1	EA	\$9,500.00		\$9,500.00	\$9,500.00	\$0.00
47	48" Dia. Storm Sewer Manhole	5	5	EA	\$4,500.00		\$22,500.00	\$22,500.00	\$0.00
48	60" Dia. Storm Sewer Manhole	10	10	EA	\$3,600.00		\$36,000.00	\$36,000.00	\$0.00
49	72" Dia. Storm Sewer Manhole	4	4	EA	\$8,500.00		\$34,000.00	\$34,000.00	\$0.00
50	15" RCP CL-III	1,050	1,050	LF	\$60.00		\$63,000.00	\$63,000.00	\$0.00
51	18" RCP CL-III	5,670	5,670	LF	\$69.00		\$391,230.00	\$391,230.00	\$0.00
52	24" RCP CL-III	1,650	1,650	LF	\$72.00		\$118,800.00	\$118,800.00	\$0.00
53	30" RCP CL-III	2,650	2,650	LF	\$110.00		\$291,500.00	\$291,500.00	\$0.00
54	18" CES	13	13	EA	\$1,450.00		\$18,850.00	\$18,850.00	\$0.00
55	24" CES	3	3	EA	\$1,800.00		\$5,400.00	\$5,400.00	\$0.00
56	30" CES	3	3	EA	\$2,700.00		\$8,100.00	\$8,100.00	\$0.00
57	18" Plug	3	3	EA	\$250.00		\$750.00	\$750.00	\$0.00
58	24" Plug	1	1	EA	\$280.00		\$280.00	\$280.00	\$0.00
59	Rip Rap	400	400	TON	\$80.00		\$32,000.00	\$32,000.00	\$0.00
60	Outlet Control Structures	2	2	LS	\$12,000.00		\$24,000.00	\$24,000.00	\$0.00
CO-1	Connect to Existing Structure	1	1	EA	\$1,700.00		\$1,700.00	\$1,700.00	\$0.00
CO-1	24" CMP upgrade to RCP	72	72	LF	\$19.88		\$1,431.36	\$1,431.36	\$0.00
CO-1	24" MES upgrade to CES	2	2	EA	\$346.04		\$692.08	\$692.08	\$0.00
	Subtotal						\$1,313,333.44	\$1,313,333.44	\$0.00
	Earthwork Items								
61	Clearing & Grubbing	1	1	LS	\$500.00	\$500.00	\$500.00	\$500.00	\$0.00
62	Topsoil Stripping	13,000	13,000	CY	\$2.50	\$2.50	\$32,500.00	\$32,500.00	\$0.00
63	Topsoil Respread	13,000	13,000	CY	\$4.00	\$4.00	\$52,000.00	\$52,000.00	\$0.00
64	Excavation/ Embankment	209,232	209,232	CY	\$5.50	\$5.50	\$1,150,776.00	\$1,150,776.00	\$0.00
65	Import Embankment from on-site stockpiles	50,000	50,000	CY	\$8.00	\$8.00	\$400,000.00	\$400,000.00	\$0.00
66	Seeding	58	58	AC	\$1,500.00	\$1,500.00	\$87,000.00	\$87,000.00	\$0.00
67	Erosion Control	1	1	LS	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$0.00
CO-1	Backfill Over-Excavated Pond	30,000	30,000	CY	\$5.50	\$5.50	\$165,000.00	\$165,000.00	\$0.00
	SubTotal						\$1,927,776.00	\$1,927,776.00	\$0.00
	Pavement Items								
68	Subgrade Preparation	50,000	50,000	SY	\$1.50	\$1.50	\$75,000.00	\$75,000.00	\$0.00
69	Type R1 Woven Geotextile Fabric	50,000	50,000	SY	\$2.00	\$2.00	\$100,000.00	\$100,000.00	\$0.00
70	Class 5 Aggregate Base (Salvaged)	15,000	16,450	TONS	\$10.00	\$10.00	\$150,000.00	\$164,500.00	\$14,500.00
71	Class 5 Aggregate Base	15,000	13,550	TONS	\$21.00	\$21.00	\$315,000.00	\$284,550.00	(\$30,450.00)
CO-2	Class 5 Aggregate Base - Temp Surfacing	0	1,615	TONS	\$0.00	\$25.08	\$0.00	\$40,504.20	\$40,504.20
	SubTotal						\$640,000.00	\$664,554.20	\$24,554.20
TOTAL CIVIL CONSTRUCTION							\$5,705,419.34	\$5,781,152.24	\$75,732.90

Work Change Directive/Work Order

Engineer/Owner
Wagner Project Number/Name
Date:
Work Change Directive Number:

Ackerman-Estvold
55th Crossing W. Street Utility Imp
October 2, 2014
6

Description of Added/ Modified Work:

Potholing for 12" Water Main

Submitted By: Kalon Wagner		Work Requested By: City of Minot / Ackerman Estvold			
Description Labor:	# Men	Qty.	Units	Rate	Total Hours
SUPERVISOR	1	1.5	HR	\$100.00	\$150.00
LABORER	1	1.5	HR	\$85.00	\$127.50
					\$0.00
					\$0.00
					\$0.00
Description Equipment:	Unit#	Qty.	Units	Unit Price	Total
345 CAT EXCAVATOR W/ OPERATOR		1.5	HR	\$275.00	\$412.50
CAT 930 WHEEL LOADER		0.5	HR	\$150.00	\$75.00
Pickup and Small Tools		1.5	HR	\$25.00	\$37.50
			HR		\$0.00
			Hr.		\$0.00
			HR		\$0.00
			HR		\$0.00
Description Materials:		Qty.	Units	Unit Price	Total
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
Description of Items Installed		Qty.	Units	Unit Price	Total
					\$0.00
					\$0.00
					\$0.00
					\$0.00
Subcontractors		Qty.	Units	Unit Price	Total
					\$0.00
					\$0.00
Misc/Dumpfees/Survey/Q/C Testing/		Qty.	Units	Unit Price	Total
					\$0.00
					\$0.00
Total:					\$802.50

Wagner Rep. _____ Date: _____ Owner Rep: _____ Date: _____

White/Owner-Engineer Yellow/Wagner Office Pink/Wagner Foreman



Work Change Directive/Work Order

Engineer/Owner

Wagner Project Number/Name

Date:

Work Change Directive Number:

Ackerman-Betvold

35th Crossing W. Street Utility Improv

October 2, 2014

Description of Added/ Modified Work:

Patholing for 12" Water Main

Submitted By: Kalan Wagner

Work Requested By: City of Milnet/Ackerman Betvold

Description Labor:

	# Men	Qty.	Units	Rate	Total Hours
SUPERVISOR	1	21.5	HR	\$100.00	\$200.00
LABORER	1	21.5	HR	\$85.00	\$170.00
					\$0.00
					\$0.00
					\$0.00

Description Equipment:

	Unit	Qty.	Units	Unit Price	Total
345 CAT EXCAVATOR W/ OPERATOR		21.5	HR	\$275.00	\$550.00
CAT 930 WHEEL LOADER		0.5	HR	\$150.00	\$75.00
Pickup and Small Tools		21.5	HR	\$25.00	\$50.00
			HR		\$0.00
			Hr.		\$0.00
			HR		\$0.00
			HR		\$0.00

Description Materials:

	Qty.	Units	Unit Price	Total
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00

Description of Items Installed

	Qty.	Units	Unit Price	Total
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00

Subcontractors

	Qty.	Units	Unit Price	Total
				\$0.00
				\$0.00
				\$0.00

Misc/Dumpfees/Survey/QIC/Testing/

	Qty.	Units	Unit Price	Total
				\$0.00
				\$0.00
				\$0.00

Wagner Rep.

MK

Date: 10/2/14

Owner Rep:

PD

Date: 10/2/14

White/Owner-Engineer Yellow/Wagner Office Pink/Wagner Foreman

Total \$1,045.00



Work Change Directive/Work Order

Engineer/Owner

Wagner Project Number/Name

Date:

Work Change Directive Number:

Minut-A-Seconds
6000000000
10/2/00

Description of Added/Modified Work:

Pothole locating for a 12" water main

Submitted By		Work Requested By: City of Minut-A-Seconds				
Description Labor:		# Men	Qty.	Units	Rate	Total Hours
Ryan			2	Hr.		
Terry (ph)			2	Hr.		
2 p.m. / 1		2	2	Hr.		
				Hr.		
				Hr.		
Description Equipment:		Unit #	Qty.	Units	Unit Price	Total
345 backhoe			2	2 Hr.		
928 G Loader			1/2	1/2 Hr.		
Pickup			2	Hr.		
				Hr.		
				Hr.		
				Hr.		
				Hr.		
				Hr.		
Description Materials:			Qty.	Units	Unit Price	Total
Description of Items Installed			Qty.	Units	Unit Price	Total
Subcontractors			Qty.	Units	Unit Price	Total
Misc/Dumpfees/Survey/Q/C Testing/			Qty.	Units	Unit Price	Total

Wagner Rep.

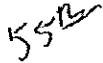
Terry Hamlin

Date: 10-2-14

Owner Rep:

Date:

White/Owner-Engineer Yellow/Wagner Office Pink/Wagner Foreman



Engineer/Owner	Wagner Project Number/Name
Date:	York Change Directive Number:

on 15th am, met back a meeting of the committee. The committee (appointed) will be set to find back on working day.

Wagner Rep. Wagner, Allen Date: 10/15/14 Owner Rep. Wagner, Allen Date: _____

White/Owner-Engineer Yellow/Wagner Office Pink/Wagner Foreman



Work Change Directive/Work Order

Engineer/Owner
Wagner Project Number/Name
Date:
Work Change Directive Number:

Alkerman Estvold
14115 55th Street Crossing
October 7, 2014
9

Description of Added/ Modified Work:

Moving 1" Curbstop 4.5' North

Submitted By		Work Requested By:				
		City of Minot and Ackermann Estvold				
Description Labor:		# Men	Qty.	Units	Rate	Total Hours
SUPERVISOR		1	1.5	HR	\$100.00	\$150.00
LABORER		4	1.5	HR	\$85.00	\$510.00
Description Equipment:		Unit#	Qty.	Units	Unit Price	Total
345 CAT EXCAVATOR W/ OPERATOR			1.5	HR	\$300.00	\$450.00
Pickup and Small Tools			1.5	HR	\$25.00	\$37.50
Description Materials:		Qty.	Units	Unit Price	Total	
1 Curb Stop		1	EA	\$176.60	\$176.60	
1" Copper Line		4.5	LF	\$5.16	\$23.22	
Union		1	EA	\$40.00	\$40.00	
Description of Items Installed		Qty.	Units	Unit Price	Total	
Subcontractors		Qty.	Units	Unit Price	Total	
Misc/Dumpfees/Survey/Q/C Testing/		Qty.	Units	Unit Price	Total	
					Total:	\$1,387.32

Wagner Rep. _____ Date: _____ Owner Rep: _____ Date: 07/10/14



Work Change Directive/Work Order

Engineer/Owner McKenna
Wagner Project Number/Name _____
Date: 10-1-11
Work Change Directive Number: _____

Description of Added/ Modified Work:

Moving a 1" concrete stop 4.5' N
8:00 - 9:30

Submitted By		Work Requested By:				
<u>Ackerman & Developer</u>						
Description Labor:		# Men	Qty.	Units	Rate	Total Hours
<u>Crew</u>		<u>4</u>	<u>1.5</u>	<u>Hr.</u>		
<u>Operator</u>		<u>7</u>	<u>1.5</u>	<u>Hr.</u>		
<u>Supervisor</u>		<u>1</u>	<u>1.5</u>	<u>Hr.</u>		
				<u>Hr.</u>		
				<u>Hr.</u>		
Description Equipment:		Unit #	Qty.	Units	Unit Price	Total
<u>345 BH</u>			<u>1.5</u>	<u>Hr.</u>		
<u>Pump</u>				<u>Hr.</u>		
				<u>Hr.</u>		
				<u>Hr.</u>		
				<u>Hr.</u>		
				<u>Hr.</u>		
				<u>Hr.</u>		
				<u>Hr.</u>		
				<u>Hr.</u>		
Description Materials:			Qty.	Units	Unit Price	Total
<u>Concrete Stop 4.5' 1" cap</u>						
<u>Union</u>						
Description of Items Installed			Qty.	Units	Unit Price	Total
Subcontractors			Qty.	Units	Unit Price	Total
Misc/Dumpfees/Survey/Q/C Testing/			Qty.	Units	Unit Price	Total

Wagner Rep. Erny H. McKenna Date: 10-1-11 Owner Rep: _____ Date: _____

White/Owner-Engineer Yellow/Wagner Office Pink/Wagner Foreman



Work Change Directive/Work Order

Engineer/Owner
Wagner Project Number/Name
Date:
Work Change Directive Number:

Akerman Estvold
14115 55th Street Crossing
October 23, 2014
10

Description of Added/ Modified Work:

Found abandoned saddle on lot 9A. Saddle was loose and leaking. Tightened saddle and stoped the leak.

Submitted By: Kalan Wagner		Work Requested By:			
Description Labor:	# Men	Qty.	Units	Rate	Total Hours
LABORER	2	12.0	HR	\$85.00	\$2,040.00
Description Equipment:	Unit#	Qty.	Units	Unit Price	Total
330 CAT EXCAVATOR W/ OPERATOR		12	HR	\$300.00	\$3,600.00
Pickup and Small Tools		12	HR	\$25.00	\$300.00
Description Materials:		Qty.	Units	Unit Price	Total
Description of Items Installed		Qty.	Units	Unit Price	Total
Subcontractors		Qty.	Units	Unit Price	Total
Misc/Dumpfees/Survey/Q/C Testing/		Qty.	Units	Unit Price	Total
Total:					\$5,940.00

Wagner Rep. _____ Date: _____ Owner Rep: _____ Date: 07/10/14



Work Change Directive/Work Order

Engineer/Owner _____
Wagner Project Number/Name _____
Date: _____
Work Change Directive Number: _____

Description of Added/ Modified Work:

Found Abandoned saddle on lot 9A was loose and leaking fitted saddle and
slap back line

Submitted By:		Work Requested By:				
Description Labor:		# Men	Qty.	Units	Rate	Total Hours
Dig up north west corner		1	hr			12 hr
of 47th Loop SE no Black						
behind 90° Bend sled out of Bell						
5' from 90° Bend Bent copper on the						
saddle Bell 90° Bend and Bell saddle was leaking						
Description Equipment:		Unit #	Qty.	Units	Unit Price	Total
330C out #466						12 hr
Pushed Bend into Bell and Black						
it struts saddle sloped back			6 hr			
Description Materials:		Qty.	Units	Unit Price	Total	
Description of Items Installed		Qty.	Units	Unit Price	Total	
Subcontractors		Qty.	Units	Unit Price	Total	
Misc/Dumpfees/Survey/Q/C Testing/		Qty.	Units	Unit Price	Total	

Wagner Rep. And L

Date: 10-23-14 Owner Rep: Pat Schuler

Date: 10/23/14

White/Owner-Engineer Yellow/Wagner Office Pink/Wagner Foreman AE



Work Change Directive/Work Order

Engineer/Owner: Akerman Estvold
 Wagner Project Number/Name: 14115 55th Street Crossing
 Date: October 31, 2014
 Work Change Directive Number: 11

Description of Added/ Modified Work:

Digging up water main and checking each joint and saddle for services. Two guys on water main on 10/21, 10/22, 10/23, 10/27, and 10/28. One existing saddle on Lot 8A on Sage Ave. was found to be leaking and repaired on 10/23.

Submitted By		Work Requested By:				
Kalan Wagner						
Description Labor:	# Men	Qty.	Units	Rate	Total Hours	
LABORER 10/21	2	5.0	HR	\$85.00	\$850.00	
LABORER 10/22	2	8.0	HR	\$85.00	\$1,360.00	
LABORER 10/23 <i>CH # 10</i>	2	7.0	HR	\$85.00	\$1,190.00	
LABORER 10/27	2	11.0	HR	\$85.00	\$1,370.00	
LABORER 10/28	2	4.0	HR	\$85.00	\$680.00	
Description Equipment:		Unit#	Qty.	Units	Unit Price	Total
330 CAT EXCAVATOR W/ OPERATOR			<i>38.2</i>	HR	\$300.00	\$10,500.00
Pickup and Small Tools			<i>35.2</i>	HR	\$25.00	\$875.00
Description Materials:		Qty.	Units	Unit Price	Total	
Description of Items Installed		Qty.	Units	Unit Price	Total	
Subcontractors		Qty.	Units	Unit Price	Total	
Misc/Dumpfees/Survey/Q/C Testing/		Qty.	Units	Unit Price	Total	

Total: \$17,325.00

Wagner Rep. _____ Date: _____ Owner Rep: _____ Date: 07/10/14

White/Owner-Engineer Yellow/Wagner Office Pink/Wagner Foreman



Work Change Directive/Work Order

Engineer/Owner: 10/21/14
Wagner Project Number/Name: 55th Street / 1905
Date: 10/21/14
Work Change Directive Number: 10/21/14

Description of Added/Modified Works:

and sockets for services 3 gyps and unknown on 10/21, 10/22, 10/23 & 10/24/14. Existing socket on base one was found to be backing and replaced on 10/23/14.
- 7 EXISTING SINKS AND LOT 8 A

Submitted By:		Work Requested By:				
Description Labor:		Men	Qty.	Units	Rate	Total Hours
Chasing holes in asbestos		2	5	hr.		10
		2	5	hr.		10
		2	7	hr.		14
		2	11	hr.		22
		2	4	hr.		8
Description Equipment:		Unit #	Qty.	Units	Unit Price	Total
Unit # 229 CAT 330 excavator		229	35	hr.		35 (35)
				hr.		
				hr.		
				hr.		
				hr.		
				hr.		
				hr.		
Description Materials:		Qty.	Units	Unit Price	Total	
Description of Items Installed		Qty.	Units	Unit Price	Total	
Subcontractors		Qty.	Units	Unit Price	Total	
Miscellaneous/Supplies/O/C Testing		Qty.	Units	Unit Price	Total	

Wagner Rep: Wayne Olson Date: 10/21/14 Engineer: 10/21/14
White Plains Engineer - Yellow Springs Office - East Windsor Township
Date: 10/21/14

Work Change Directive/Work Order

Engineer/Owner
 Wagner Project Number/Name
 Date:
 Work Change Directive Number:

Akerman Estvold
14115 55th Street Crossing
November 17, 2014
12

Description of Added/ Modified Work:

Water Leak Detection

Set up tent for test pump, heaters, water barrel

Submitted By		Work Requested By:			
Description Labor:	# Men	Qty.	Units	Rate	Total Hours
FOREMAN	1	6.5	HR	\$100.00	\$650.00
LABORER	1	2.0	HR	\$85.00	\$170.00
Description Equipment:	Unit#	Qty.	Units	Unit Price	Total
Pickup and Small Tools	815	6.5	HR	\$25.00	\$162.50
Description Materials:		Qty.	Units	Unit Price	Total
Home of Economy Slip (misc test pump fittings)					\$65.38
Menards Slip (tent + heater, tank)					\$379.36
Home of Economy (misc parts)					\$21.47
Home of Economy (tent parts)					\$39.32
Description of Items Installed		Qty.	Units	Unit Price	Total
Menards: Lumber, screws					\$80.55
Subcontractors		Qty.	Units	Unit Price	Total
Ameriann Leak Detection					
#406 861 2511 onsite tomorrow					
Misc/Dumpfees/Survey/Q/C Testing/		Qty.	Units	Unit Price	Total
				Total:	\$1,568.58

Owner Rep: Ben Deedrick Date: Owner Rep: Date: 11/17/14



Work Change Directive/Work Order

Engineer/Owner
 Wagner Project Number/Name
 Date:
 Work Change Directive Number:

14115 55th Street Crossing
 November 18, 2014
 13

Description of Added/ Modified Work:

Leak Detection

Eric Heard leak/air bubbles at hyd. Excavated tee, valve, hi-max. Loose bolts all around. Was not installed by Wagner. After pressure loss was less but still leaking.

Submitted By		Work Requested By:				
Description Labor:		# Men	Qty.	Units	Rate	Total Hours
Foreman		1	11.5	HR	\$100.00	\$1,150.00
Operator		1	11.5	HR	\$85.00	\$977.50
Operator		1	1	HR	\$85.00	\$85.00
Description Equipment:		Unit#	Qty.	Units	Unit Price	Total
345 Cnt Backhoe			6	HR	\$275.00	\$1,650.00
930K Loader			1.0	HR	\$150.00	\$150.00
350 Cat Backhoe			1	HR	\$300.00	\$300.00
Pickup with Tools		\$15	11.5	HR	\$25.00	\$287.50
Description Materials:			Qty.	Units	Unit Price	Total
Description of Items Installed			Qty.	Units	Unit Price	Total
Subcontractors			Qty.	Units	Unit Price	Total
Americam Leak Detection (Eric)						
406 861 2511						
Misc/Dumpfees/Survey/Q/C Testing/			Qty.	Units	Unit Price	Total
Total:					\$4,600.00	

Owner Rep: Ben Deedrick Date: 11/18/14 Owner Rep: Date:



Work Change Directive/Work Order

Engineer/Owner
Wagner Project Number/Name
Date:
Work Change Directive Number:

14115 55th Street Crossing

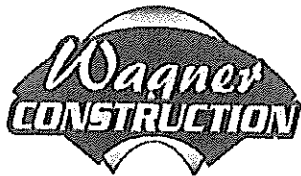
14

Description of Added/ Modified Work:

Had to add additional signage to the traffic control due to S.J. LOUIS working on 55th

Submitted By		Work Requested By:			
Description Labor:		# Men	Qty.	Units	Total Hours
				HR	\$0.00
				HR	\$0.00
				HR	\$0.00
Description Equipment:		Unit#	Qty.	Unit Price	Total
				HR	\$0.00
				HR	\$0.00
				HR	\$0.00
				HR	\$0.00
Description Materials:		Qty.	Units	Unit Price	Total
Description of Items Installed		Qty.	Units	Unit Price	Total
Subcontractors		Qty.	Units	Unit Price	Total
310		1	1s	\$3,700.00	\$3,700.00
Misc/Dumpfees/Survey/Q/C Testing/		Qty.	Units	Unit Price	Total
				Total:	\$3,700.00

Wagner Rep. _____ Jess Kindrid _____ Date: 11/18/14 _____ Owner Rep: _____ Date: _____



Work Change Directive/Work Order

Engineer/Owner
 Wagner Project Number/Name
 Date:
 Work Change Directive Number:

14115 55th Street Crossing

15

Description of Added/ Modified Work:

Dewatering added length due to Tom's Backhoe service not having his ponds completed and allowing us to pump across the road

Submitted By		Work Requested By:				
Description Labor:		# Men	Qty.	Units	Rate	Total Hours
				HR		\$0.00
				HR		\$0.00
				HR		\$0.00
Description Equipment:		Unit#	Qty.	Units	Unit Price	Total
				HR		\$0.00
				HR		\$0.00
				HR		\$0.00
				HR		\$0.00
Description Materials:			Qty.	Units	Unit Price	Total
Description of Items Installed			Qty.	Units	Unit Price	Total
Subcontractors			Qty.	Units	Unit Price	Total
Ruin For Rent			1	ls	\$41,000.00	\$41,000.00
Misc/Dumpfees/Survey/Q/C Testing/			Qty.	Units	Unit Price	Total
					Total:	\$41,000.00

Wagner Rep. Jess Kindrid Date: 11/18/14 Owner Rep: _____ Date: _____

White/Owner-Engineer Yellow/Wagner Office Pink/Wagner Foreman

Work Change Directive/Work Order

Engineer/Owner
 Wagner Project Number/Name
 Date:
 Work Change Directive Number:

14115 55th Street Crossing
November 19, 2014
16

Description of Added/ Modified Work:

Leak Detection 55th

Blew all the water out of line. Charged with helium gas. Eric searched w/sniffer, possible leak @ other hyd. Excavated, more loose bolts @ tee, GV and III-Ma was not impressed w/helium method

Submitted By:		Work Requested By:				
Description Labor:		# Men	Qty.	Units	Rate	Total Hours
Foreman		1	11.50	HR	\$100.00	\$1,150.00
Operator		2	7.25	HR	\$85.00	\$1,232.50
Laborer		2	3.00	HR	\$85.00	\$510.00
Description Equipment:		Unit#	Qty.	Units	Unit Price	Total
345 Cat Backhoe			11.50	HR	\$275.00	\$3,162.50
930K Loader			2.00	HR	\$150.00	\$300.00
Pickup with Tools			11.50	HR	\$25.00	\$287.50
Job Trailer			11.50	HR	\$12.00	\$138.00
Air Compressor			1.00	HR	\$35.00	\$35.00
Description Materials:			Qty.	Units	Unit Price	Total
1-1/4" X 31 X 36 Drill Bit (Acme Tools)						\$165.63
Drilled holes through frost for gas detector						
Description of Items Installed			Qty.	Units	Unit Price	Total
Helium Gas						\$50.00
Subcontractors			Qty.	Units	Unit Price	Total
American Lenk Detection (Eric)						
Misc/Dumpfees/Survey/Q/C Testing/			Qty.	Units	Unit Price	Total
					Total:	\$7,031.13

Owner Rep: _____ Ben Deedrick _____ Date: 11/19/14 _____ Owner Rep: _____ Date: _____



Work Change Directive/Work Order

Engineer/Owner
 Wagner Project Number/Name
 Date:
 Work Change Directive Number:

14115 55th Street Crossing
 November 20, 2014
 17

Description of Added/ Modified Work:

Leak Detection 55th

Excavated Hyd. Ran new 6" C900 From GU to Hyd. Fill w/water pressure test, better but still doesn't hold.

Submitted By		Work Requested By:				
Description Labor:		# Men	Qty.	Units	Rate	Total Hours
Foreman		1	5.50	HR	\$100.00	\$550.00
Operator		2	5.50	HR	\$85.00	\$935.00
Laborer		3	5.50	HR	\$85.00	\$1,402.50
Description Equipment:		Unit#	Qty.	Units	Unit Price	Total
345 Cat Backhoe			5.50	HR	\$275.00	\$1,512.50
930K Loader			5.50	HR	\$150.00	\$825.00
Pickup with Tools			5.50	HR	\$25.00	\$137.50
Job Trailer			5.50	HR	\$12.00	\$66.00
						\$0.00
Description Materials:			Qty.	Units	Unit Price	Total
6" C900			10	LF		
6" MJ Gasket			1.0	EA		
6" MJ Megalug			1	EA		
					Total:	\$150.00
Description of Items Installed			Qty.	Units	Unit Price	Total
Subcontractors			Qty.	Units	Unit Price	Total
American Leak Detection (Eric)						
Misc/Dumpfees/Survey/Q/C Testing/			Qty.	Units	Unit Price	Total
					Total:	\$5,578.50

Owner Rep. Ben Deedrick Date: 11/19/14 Owner Rep: Date:



