

AGENDA
PUBLIC HEARING ON COMPLETION OF CONTRACT ON REPAIRS
TO LATERALS 9, 9A AND 9C DIVISION 3 DRAINAGE DISTRICT 55
WEDNESDAY, DECEMBER 12, 2018 - 1:00 P.M.

1. Open Meeting
2. Approve Agenda
3. Introductions/Attendance
4. Open Public Hearing
5. Verify Publication
Published in the Eldora Herald on November 27, 2018
6. Explanation Of Project

Documents:

[DD 55-3 LATERALS 9, 9A AND 9C COMPLETION REPORT 10-15-2018.PDF](#)

7. Written Or Verbal Comments/Discussion
8. Damage Claims
9. Close Public Hearing
10. Possible Action
 - Approve Completion of Project
 - Approve Final Pay Estimate
 - Approve Damage Claims
11. Other Business
12. Adjourn Meeting



**COMPLETION REPORT
ON REPAIRS TO
LATERALS 9, 9A, AND 9C
DIVISION 3,
DRAINAGE DISTRICT 55
HARDIN COUNTY, IOWA**

	<p>I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA</p> <p><i>Lee O. Gallentine</i>, P.E. DATE: <i>Oct 15, 2018</i></p> <p>LEE O. GALLENTINE, P.E. DATE</p> <p>LICENSE NUMBER: 15745 MY LICENSE RENEWAL DATE IS DECEMBER 31, 2018 PAGES OR SHEETS COVERED BY THIS SEAL: SHOWN ON TABLE OF CONTENTS</p>
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OFFICE LOCATIONS

739 Park Avenue
Ackley, IA. 50601
Phone: 641-847-3273
Fax: 641-847-2303

16 East Main Street
Marshalltown, IA 50158
Phone: 641-752-6701
Fax: 641-752-2849

1523 S. Bell Avenue
Ames, IA 50010
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Fax: 515-233-5976

**Completion Report on Repairs to Laterals 9, 9A and 9C
Division 3, Drainage District 55
Hardin County, Iowa**

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Lien Waivers	App. O

Completion Report on Repairs to Laterals 9, 9A and 9C Division 3, Drainage District 55 Hardin County, Iowa

PROJECT TIMELINE: The Hardin County Board of Supervisors, acting as District Trustees, requested Ryken Engineering to investigate and report concerning repairs or improvements of the existing Lateral 9 and 9C tiles of Division 3, Drainage District No. 55. As a result, Ryken Engineering generated an Engineer's Report dated July 2, 2015 summarizing past improvements and repairs, investigating the necessity and feasibility of repairs or improvements to the existing Lateral 9 and 9C tiles, and presenting opinions of construction costs associated with said repairs or improvements. A hearing concerning said report was conducted. As a result, a revised Engineer's Report dated September 29, 2015 was generated and a second hearing held. As a result of the second hearing, the Trustees authorized Ryken Engineering to proceed with completion of project plans and specifications for said repairs along with repairs to the Lateral 9A tile and proceed with a bid letting.

Ryken Engineering completed the authorized plans and specifications and a bid letting date of February 22, 2017 was set. The project was advertised, and bids were received from qualified contractors. The following base bids for said repair were received:

- | | |
|---|--------------------|
| 1. Hands On Excavating LLC of Radcliffe, Iowa | Bid = \$356,318.11 |
| 2. Farm Tile Pro of Osage, Iowa | Bid = \$412,709.40 |
| 3. Gehrke Inc. of Eldora, Iowa | Bid = \$470,448.50 |
| 4. McDowell & Sons of Iowa Falls, Iowa | Bid = \$494,869.28 |
| 5. King Contracting LLC of Wall Lake, Iowa | Bid = \$514,244.17 |

The District Trustees identified Hands On Excavating LLC as the lowest responsible bidder for the repair to district facilities and awarded the project. The contract was signed on April 19, 2017. Construction activities were started on July 18, 2017. Weather and working conditions for this type of construction were favorable and the contractor worked until the Lateral tiles and headwall were repaired with minimal cleanup and punchlist items remaining. This was achieved December 4, 2017 (approximately 4 days after the November 30, 2017 contract completion date).

PROJECT DEVIATIONS: - This project followed the authorized plans and specifications well, with the following deviations (for reference see as-built plan sheets included in Appendix M):

Lateral 9

1. During construction, more 30” polypropylene tile was needed than anticipated. This resulted in an increase of \$911.40.
2. During construction, less 24” polypropylene tile was needed than anticipated. This resulted in a decrease of \$2,037.94.
3. During construction, less 18” polypropylene tile was needed than anticipated. This resulted in a decrease of \$1,861.09.
4. During construction, more 8” polyethylene tile was needed than anticipated. This resulted in an increase of \$218.31.
5. During construction, the 12”x24” polypropylene wye was not needed as the Lateral 9B tile could not be found and appears to have never been installed. This resulted in a decrease of \$725.90.
6. During construction, the 8”x8” polyethylene wye was not needed as the Lateral 9D tile could not be found and appears to have never been installed. This resulted in a decrease of \$135.77.
7. During construction, more private tile connections were needed than anticipated. This resulted in an increase of \$897.66.
8. During construction, less road ditch grading was performed than anticipated. This resulted in a decrease of \$500.00.
9. During construction, more Exploratory Excavations was needed than was anticipated. This resulted in an increase of \$600.00.
10. During construction, less tile was removed than was anticipated. This resulted in a decrease of \$26.20.
11. Since less road ditch grading was performed, less permanent seeding was needed than was anticipated. This resulted in a decrease of \$400.00.

Lateral 9C

12. During construction, less 18” polypropylene tile was needed than was anticipated. This resulted in a decrease of \$531.75.
13. During construction, less 12” polypropylene tile was needed than was anticipated. This resulted in a decrease of \$144.81.
14. During construction, fewer concrete collars were needed than was anticipated. This resulted in a decrease of \$657.22.
15. During construction, one less private tile connection was needed than was anticipated. This resulted in a decrease of \$291.80.

16. During construction, less road ditch grading was performed than anticipated. This resulted in a decrease of \$500.00.
17. During construction, less tile was removed than was anticipated. This resulted in a decrease of \$78.60.
18. During construction, more intakes were removed than was anticipated. This resulted in an increase of \$303.70.
19. During construction, more existing tile was located than was anticipated. This resulted in an increase of \$1.80.

Lateral 9A

20. During construction, less 18" RCP tile was needed than was anticipated. This resulted in a decrease of \$216.88.
21. During construction, more 24" CMP tile was needed than was anticipated. This resulted in an increase of \$188.30.
22. During construction, the 8"x18" RCP Tee was not used. This resulted in a decrease of \$626.92.
23. During construction, one less concrete collar was needed than was anticipated. This resulted in a decrease of \$328.61.
24. During construction, less tile was removed than was anticipated. This resulted in a decrease of \$22.50.
25. During construction, less permanent seeding was needed than was anticipated. This resulted in a decrease of \$400.00.

All Laterals

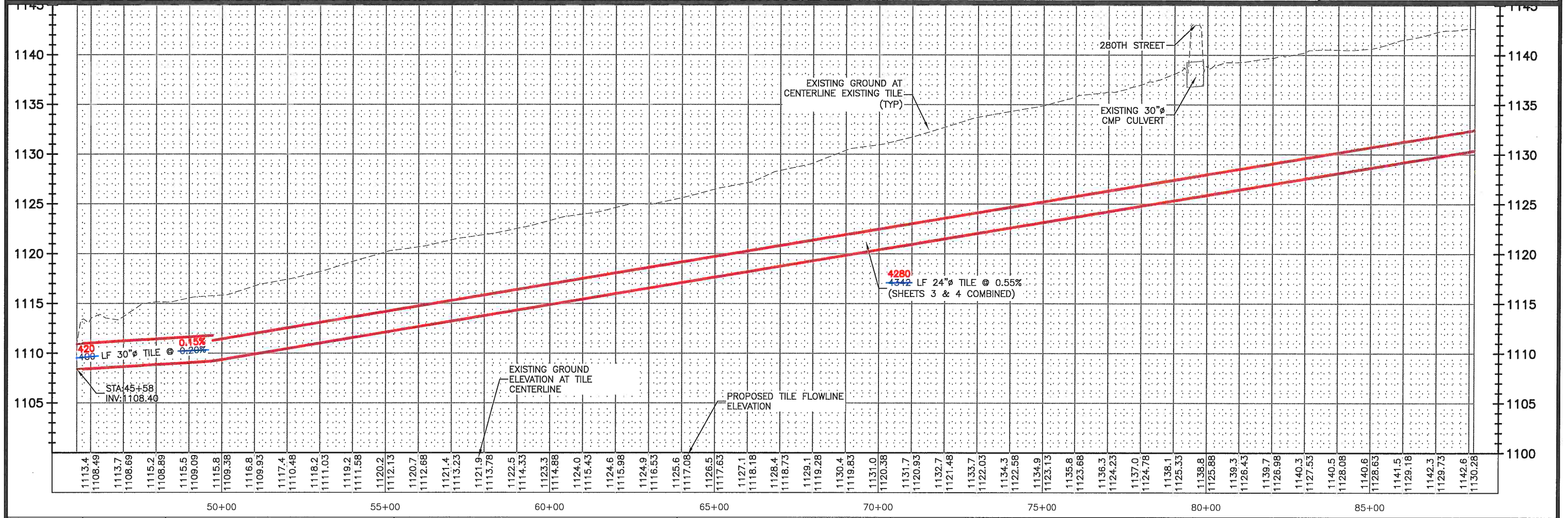
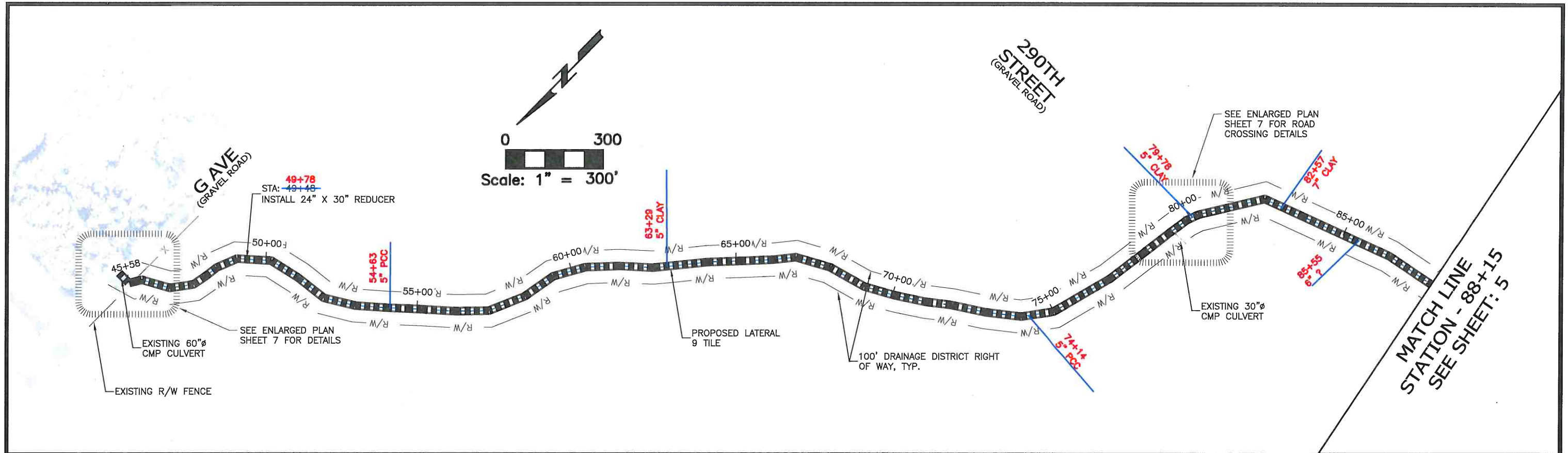
26. The contractor used ADS "Tap Tees" instead of ADS "Inserta-Tees" for private tile connections. This resulted in a decrease of \$1500.00.
27. The Contractor crushed the existing Lateral tiles in place instead of removing them from the site. This resulted in a decrease of \$4,313.50.

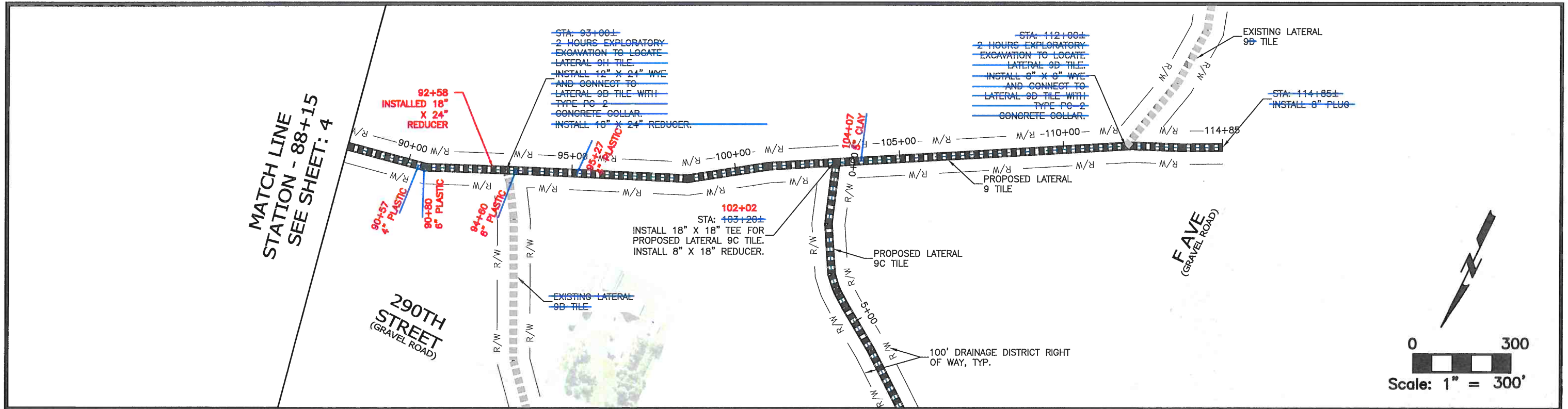
FINAL PROJECT COSTS: - The final project costs for construction (for reference see final pay estimate included in Appendix N) and engineering (not including reports or reclassification) are estimated at \$422,893.14 which is approximately \$38,000 above those presented at the aforementioned hearing. These costs may vary depending upon any damage claims brought forth at the completion hearing. Pending no claims, the costs are as detailed below:

Lateral	Project as bid by Contractor	\$356,318.11
Lateral 9	Increase in 30" Ø PP Tile (Item #1 above)	+\$911.40
Lateral 9	Decrease in 24" Ø PP Tile (Item #2 above)	-\$2,037.94
Lateral 9	Decrease in 18" Ø PP Tile (Item #3 above)	-\$1,861.09
Lateral 9	Increase in 8" Ø PP Tile (Item #4 above)	+\$218.31
Lateral 9	Decrease in 12"x24" PP Wye (Item #5 above)	-\$725.90
Lateral 9	Decrease in 8"x8" HDPE Wye (Item #6 above)	-\$135.77
Lateral 9	Increase in Private Tile Connections (Item #7 above)	+\$897.66
Lateral 9	Decrease in Road Ditch Grading (Item #8 above)	-\$500.00
Lateral 9	Increase in Exploratory Excavation (Item #9 above)	+\$600.00
Lateral 9	Decrease in Tile Removal (Item #10 above)	-\$26.20
Lateral 9	Decrease in Permanent Seeding (Item #11 above)	-\$400.00
Lateral 9C	Decrease in 18" Ø PP Tile (Item #12 above)	-\$531.75
Lateral 9C	Decrease in 12" Ø PP Tile (Item #13 above)	-\$144.81
Lateral 9C	Decrease in Concrete Collars (Item #14 above)	-\$657.22
Lateral 9C	Decrease in Private Tile Connection (Item #15 above)	-\$291.80
Lateral 9C	Decrease in Road Ditch Grading (Item #16 above)	-\$500.00
Lateral 9C	Decrease in Tile Removal (Item #17 above)	-\$78.60
Lateral 9C	Increase in Intake Removal (Item #18 above)	+\$303.70
Lateral 9C	Increase in Locating Existing Lateral Tile (Item #19 above)	+\$1.80
Lateral 9A	Decrease in 18" Ø RCP Tile (Item #20 above)	-\$216.88
Lateral 9A	Increase in 24" Ø CMP Tile (Item #21 above)	+\$188.30
Lateral 9A	Decrease in 8"x18" RCP Tee (Item #22 above)	-\$626.92
Lateral 9A	Decrease in Concrete Collar (Item #23 above)	-\$328.61
Lateral 9A	Decrease in Tile Removal (Item #24 above)	-\$22.50
Lateral 9A	Decrease in Permanent Seeding (Item #25 above)	-\$400.00
All	Decrease from "Inserta-Tee" Substitution (Item #26 above)	-\$1,500.00
All	Decrease from Tile Crushing Substitution (Item #27 above)	-\$4,313.00
	Engineering	+\$78,753.35
	TOTAL PROJECT COST	\$422,893.14

The total cost is above those contained in the revised Engineer's Report as well as what was presented at the second public hearing. However, it should be noted that the amount of repair also exceeded that presented at the above mentioned hearing as none of the work included on Lateral 9A was part of the public hearings. It should be noted that the above costs do not include any administrative costs, legal costs, interest on construction warrants, or damage claims.

PENDING ITEMS: - As of the writing of this report, this project is complete (including punchlist items) in general accordance with the authorized plans and specifications and lien waivers for suppliers and subcontractors have been submitted by the general contractor (for reference see Appendix O). After the completion hearing, final payment needs to be authorized by the Trustees is shown on the final pay estimate and the applicable highway authorities should be invoiced for the applicable cost of road crossings (highlighted orange on the final pay estimate). It is my recommendation that the project be accepted. I also recommend that the entire project be walked and reviewed just prior to the expiration of the contract warranty period for any warranty items that may need to be remedied by the contractor. It should be noted that if the Trustees decide to exercise this recommendation, there are no engineering fees included in the above Final Project Costs to cover this service.

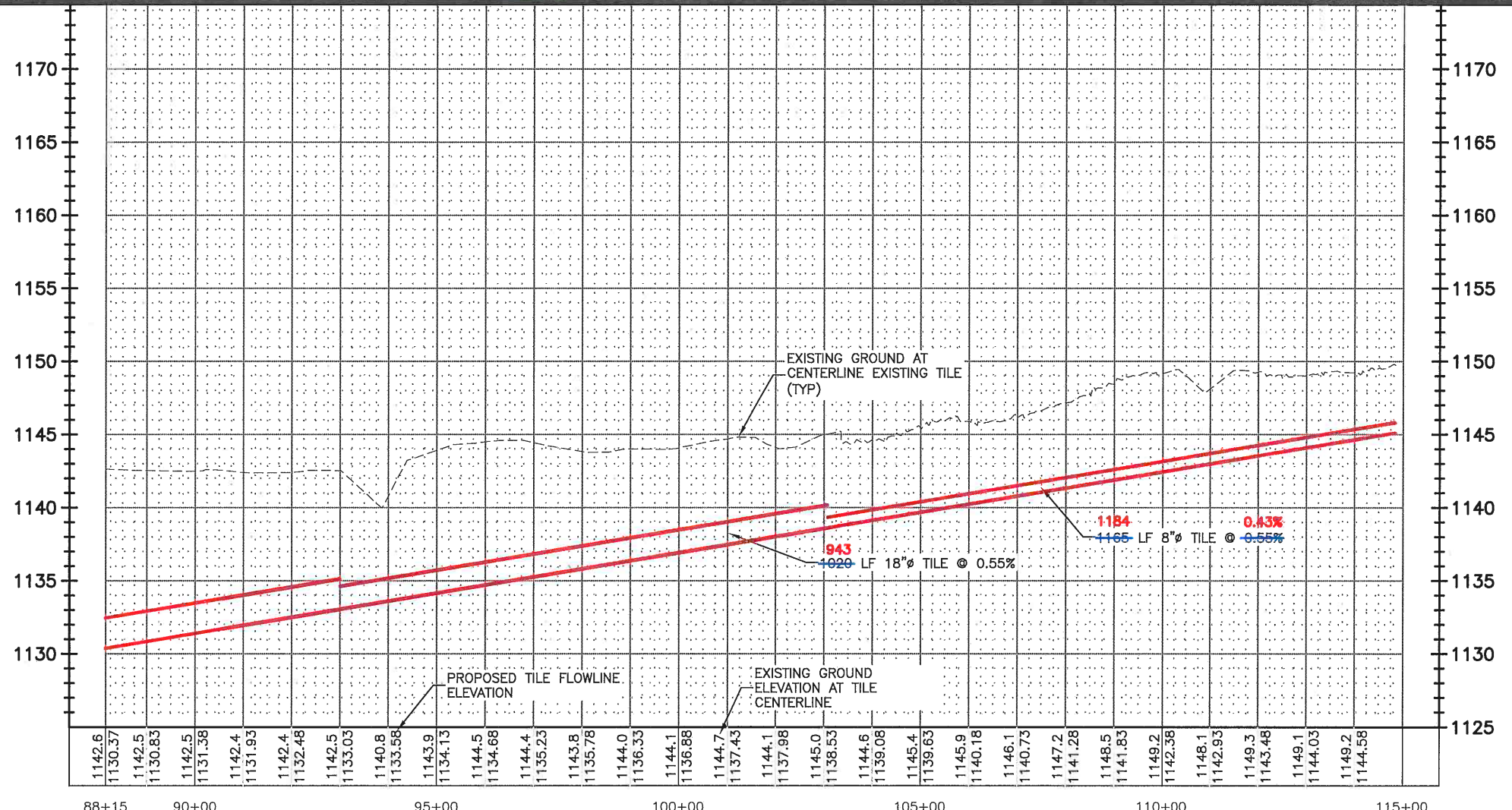
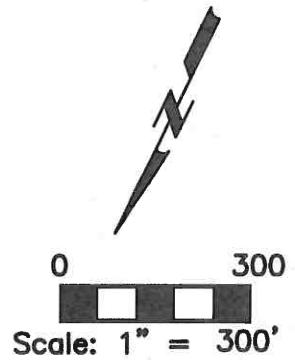


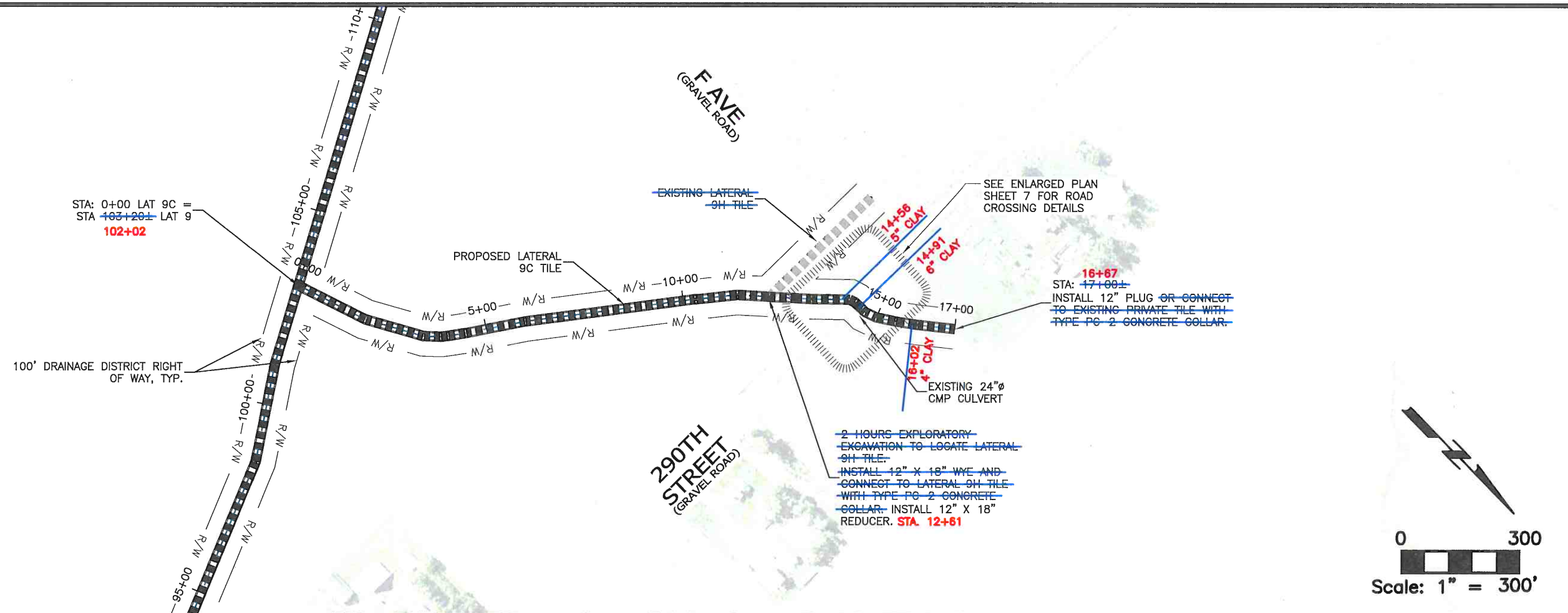


MATCH LINE
STATION - 88+15
SEE SHEET: 4

290TH STREET
(GRAVEL ROAD)

FAVE
(GRAVEL ROAD)



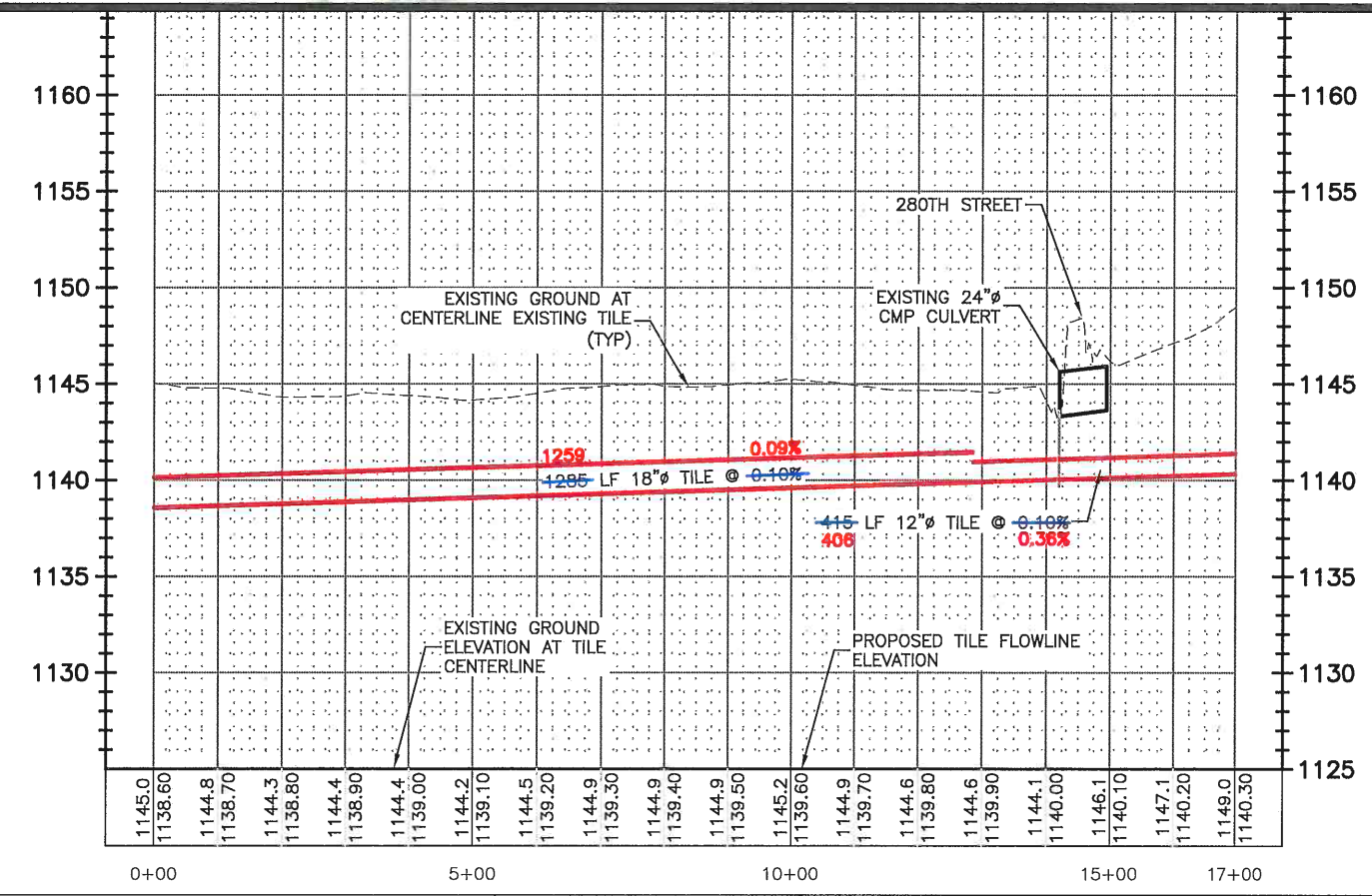
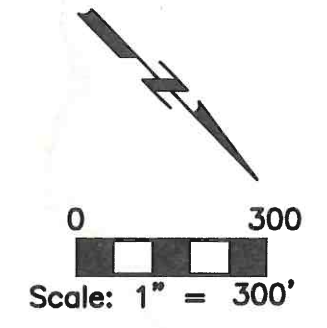


STA: 0+00 LAT 9C =
 STA: ~~163+26~~ LAT 9
102+02

SEE ENLARGED PLAN SHEET 7 FOR ROAD CROSSING DETAILS

16+67
 STA: 17+00±
 INSTALL 12" PLUG OR CONNECTOR TO EXISTING PRIVATE TILE WITH TYPE PG-2 CONCRETE COLLAR.

~~2 HOURS EXPLORATORY EXCAVATION TO LOCATE LATERAL 9H TILE.~~
~~INSTALL 12" X 18" WYE AND CONNECT TO LATERAL 9H TILE WITH TYPE PG-2 CONCRETE COLLAR.~~ INSTALL 12" X 18" REDUCER. **STA. 12+61**



DRAWN BY: MAH	APPROVED BY: LOG	REVISIONS:
DATE: JAN 11, 2017	PROJ. NO.: 6636	
FIELD BK: P:\6636\CADD\CDS\AS BUILT\DIV 3 LAT 9C ASBUILT.DWG; 8/2/2018		

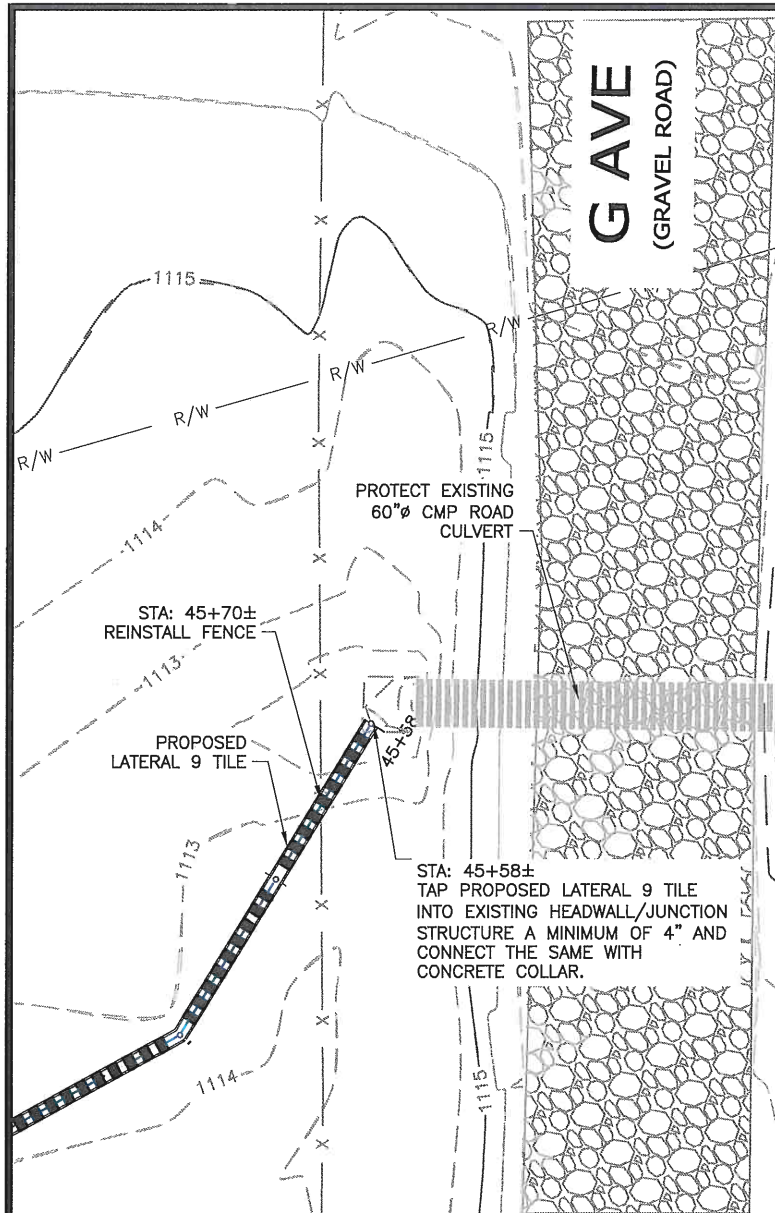
CGA
 Clapsaddle-Garber Associates, Inc
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 www.cgaconsultants.com

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 ACKLEY, IOWA 50601
 PH 641-847-3273 FAX 641-847-2303**

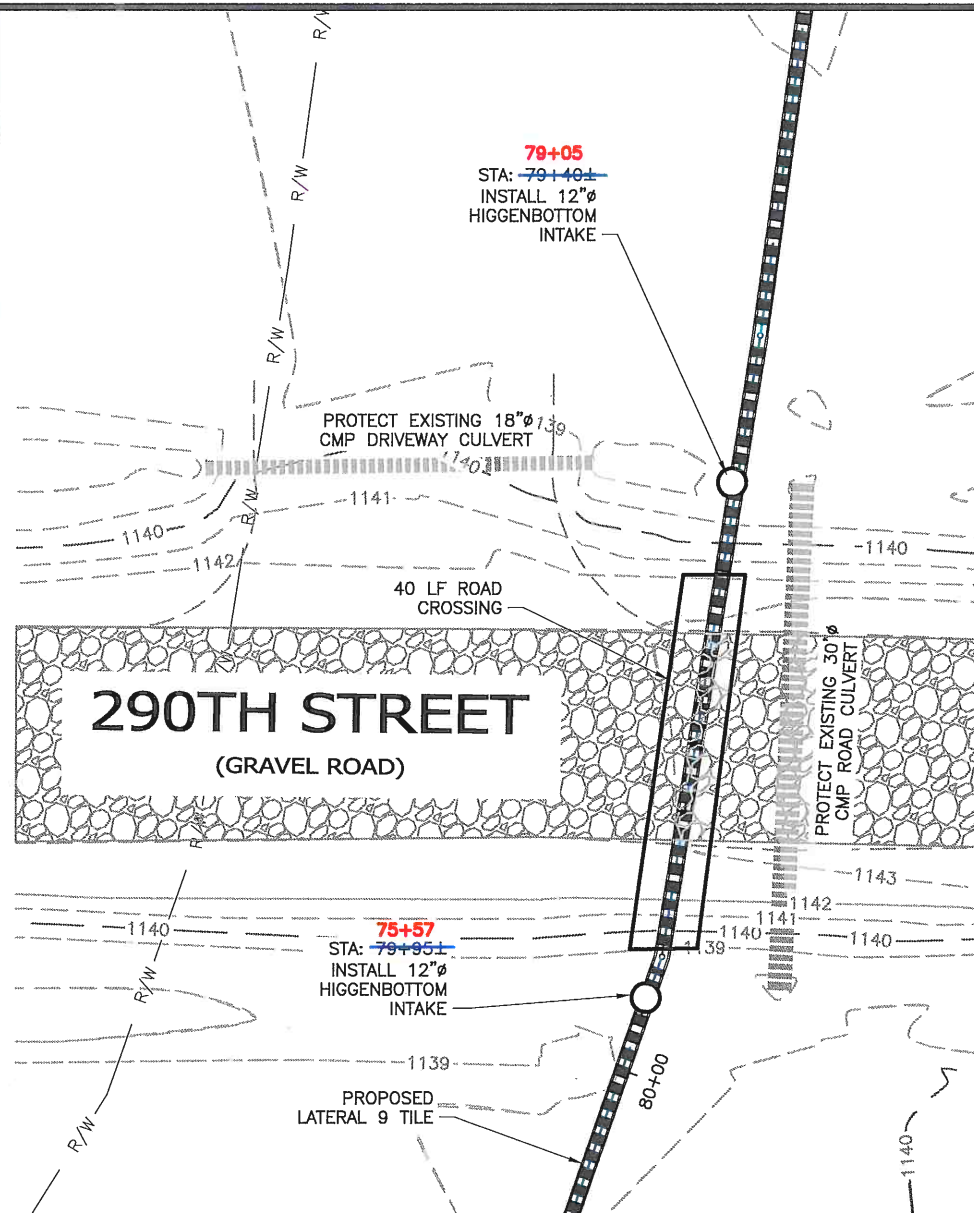
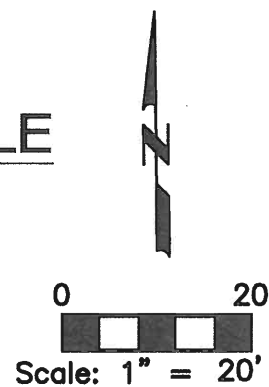
PROJECT:
**IMPROVEMENTS TO LAT 9 AND 9C DIV 3 DD 55
 CITY OF HARDIN COUNTY, IOWA
 2017**

SHT. NAME:
**LATERALS 9 AND 9C TILE IMPROVEMENTS
 LATERAL 9C - STA 0+00 - 17+00
 AS BUILT**

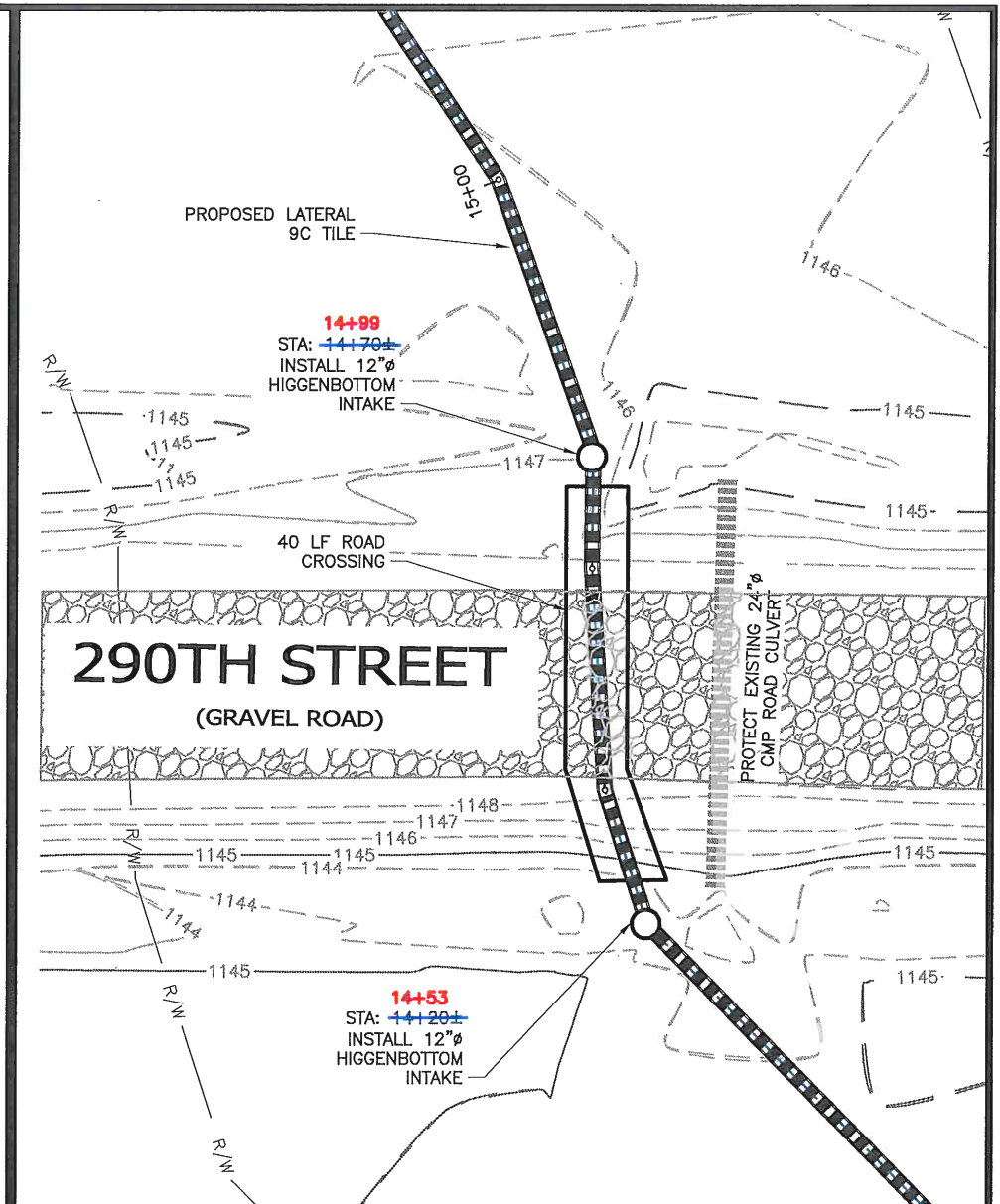
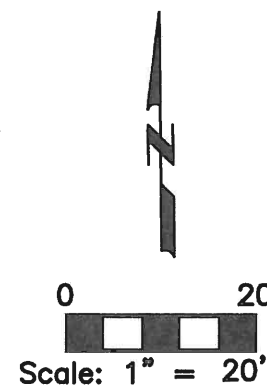
SHT. NO.:
6 OF 8



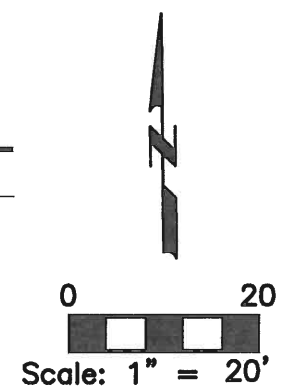
**LATERAL 9 TILE
AT G AVE**



**LATERAL 9 TILE AT
290TH STREET
CROSSING**



**LATERAL 9C TILE
AT 290TH STREET
CROSSING**



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DATE: JAN 11, 2017	PROJ. NO.: 6636	
FIELD BK: P:\6636\CADD\CDS\AS BUILT\DIV 3 LAT 9C ASBUILT.DWG; 8/2/2018		



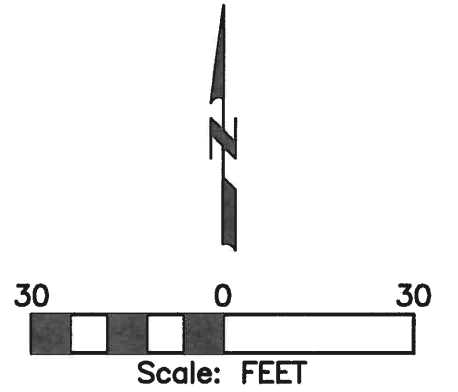
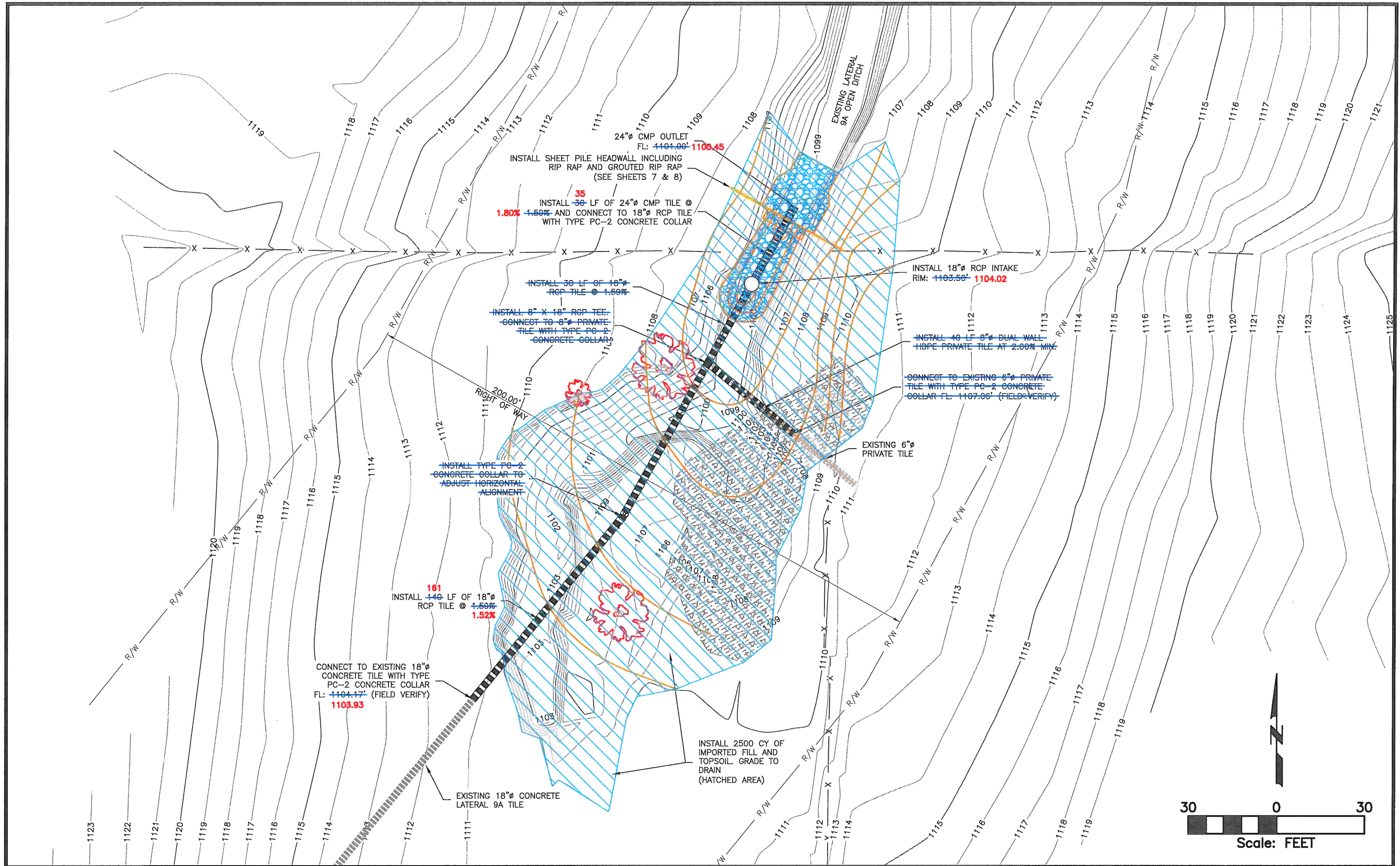
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PROJECT:
IMPROVEMENTS TO LAT 9 AND 9C DIV 3 DD 55
CITY OF HARDIN COUNTY, IOWA
2017

SHT. NAME:
LATERALS 9 AND 9C TILE IMPROVEMENTS
ENLARGED ROAD CROSSINGS
AS BUILT

SHT. NO.:
7 OF 8



DRAWN BY: ZJS	APPROVED BY: LOG	REVISIONS:
DATE: 01/20/2017	PROJ. NO.: 6636.1	
FIELD BK: P:\6636.1\CADD\CDS\ASBUILT\6636_1 - PLAN ASBUILT.DWG; 8/2/2018		

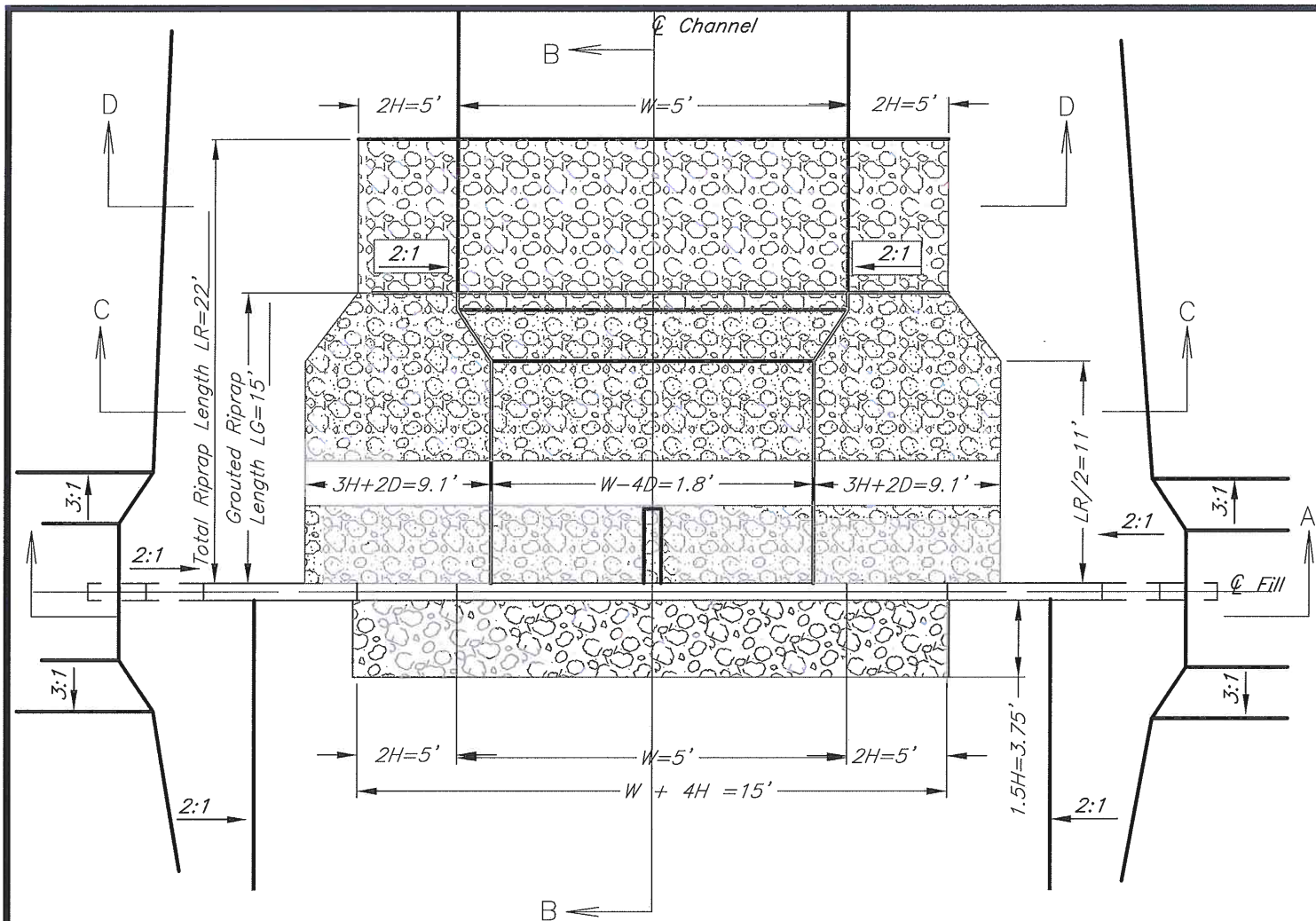
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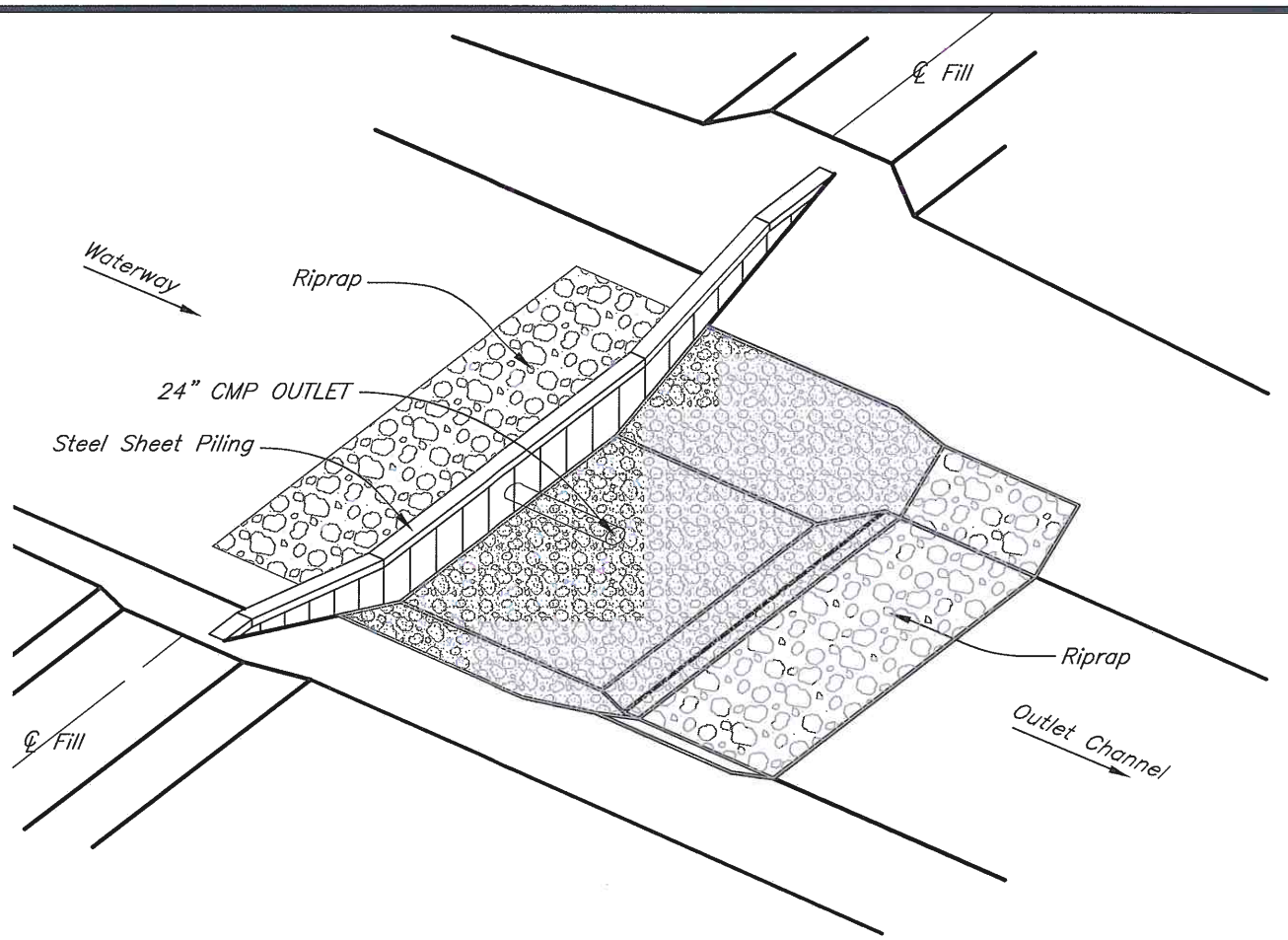
PROJECT:
OUTLET REPAIRS TO LAT 9A DIV 3 DD 55
HARDIN COUNTY, IOWA
2017

SHT. NAME:
INSTALLATION AND GRADING PLAN AS BUILT

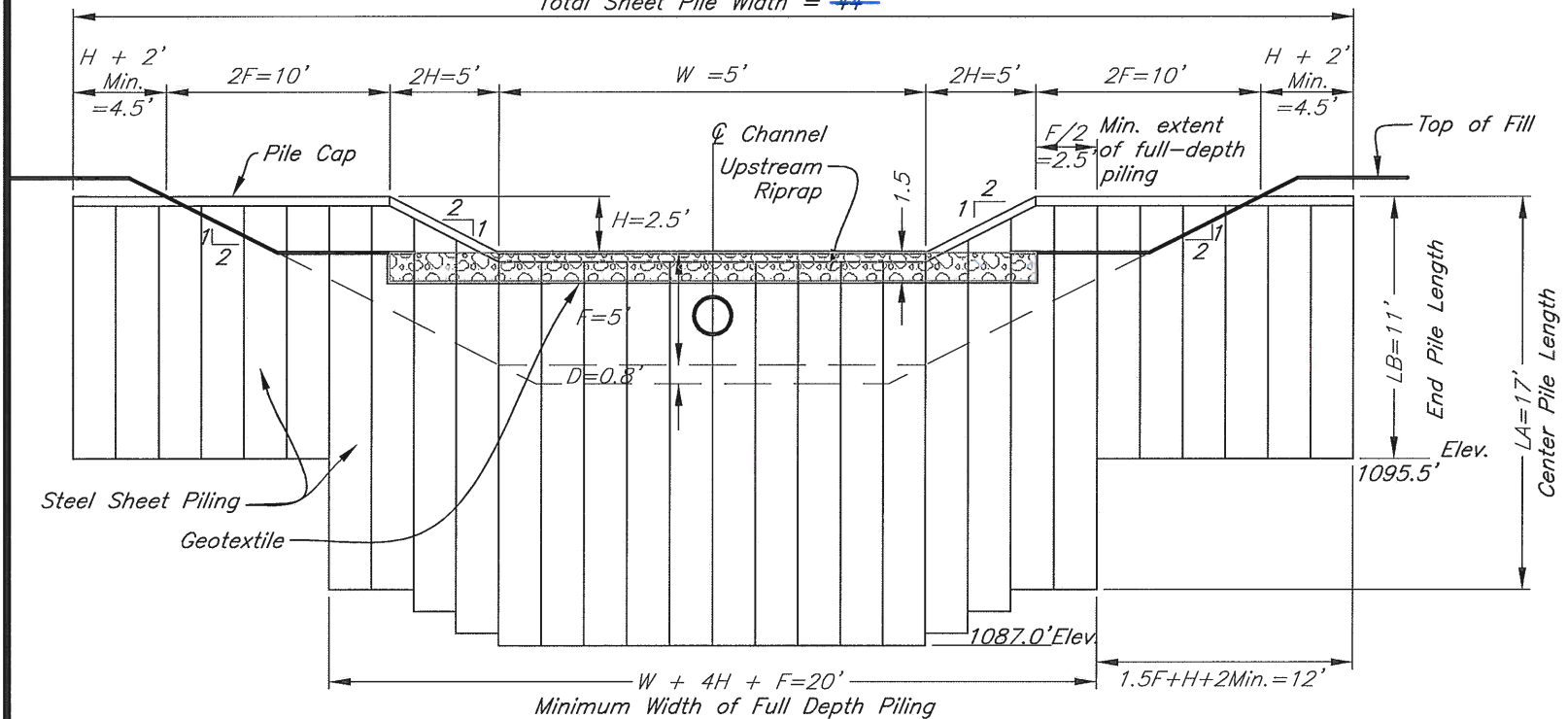
SHT. NO.:
4 OF 7



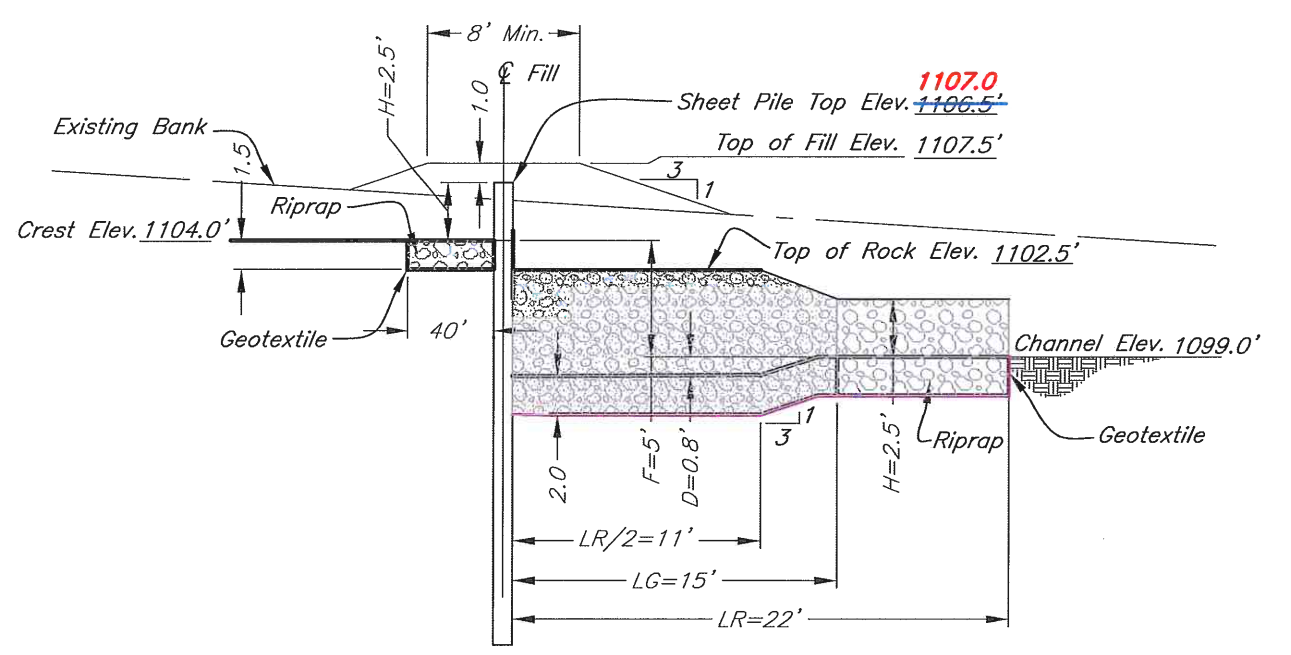
PLAN VIEW
Total Sheet Pile Width = ^{45'}~~44'~~



ISOMETRIC VIEW



SECTION A-A



SECTION B-B

DRAWN BY: ZJS	APPROVED BY: LOG	REVISIONS:
DATE: 01/20/2017	PROJ. NO.: 6636.1	
FIELD BK: P:\6636.1\CADD\CDS\ASBUILT\6636_1 - DETAILS - SHEET PILE ASBUILT.DWG; 8/2/2018		



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PROJECT:
OUTLET REPAIRS TO LAT 9A DIV 3 DD 55
HARDIN COUNTY, IOWA
2017

SHT. NAME:
DETAILS - SHEET PILE HEADWALL AS BUILT

SHT. NO.:
6 OF 7

SHEET PILE REQUIREMENTS -- MINIMUM VALUES

Drop F, ft	Basin Depth D, ft	Full-Depth Pile Length LA, ft	Side Pile Length LB, ft	Pile Thickness t, inches	Section Modulus S, in ³ /ft	Moment of Inertia I, in ⁴ /ft
2	0.3	7.0	5.0	0.200	0.0	0.0
3	0.5	10.0	7.0	0.200	0.0	0.0
4	0.7	11.0	9.0	0.200	2.0	3.3
5	0.8	17.0	11.0	0.250	4.4	8.1
6	1.0	22.0	11.0	0.250	0.2	20.1

STRUCTURE DIMENSIONS

Fall = F =	5	ft
Weir Notch Height = H =	2.5	ft
Weir Crest, Channel Width = W =	5	ft
Center Sheet Pile Length = LA =	17 18	ft
Side Sheet Pile Length = LB =	11	ft
DS Riprap Length = LR =	22	ft
Grouted Riprap Length = LG =	15	ft
Riprap Basin Depth = D =	.8	ft
Est. tailwater at design storm = TW =	3.25	ft

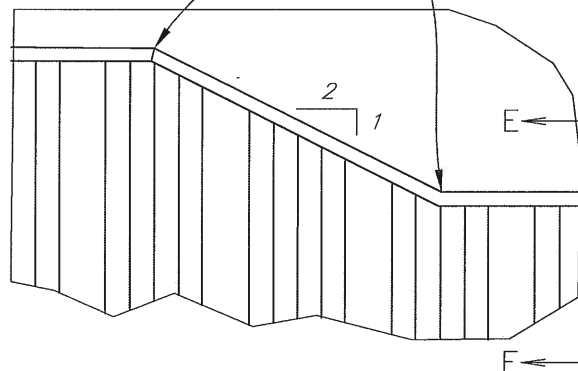
DOWNSTREAM RIPRAP AND GROUT REQUIREMENTS

Drop F, ft	Total Riprap Length LR, ft	Grouted Length LG, ft
2	10	0
3	13	0
4	18	12
5	22	15
6	20	10

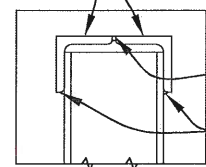
QUANTITY SUMMARY

Materials	Quantity	Units
Full depth Sheet Piles, <u>17</u> ft long	340	Sq. Ft.
Side Sheet Piles, <u>11</u> ft long	264	Sq. Ft.
Angle Iron for pile cap	45	Lin. Ft.
Riprap	41	Cu. Yd.
Grouted Riprap	22	Cu. Yd.
Geotextile	150	Sq. Yd.

Miter cut and weld pile cap at trapezoidal weir corners

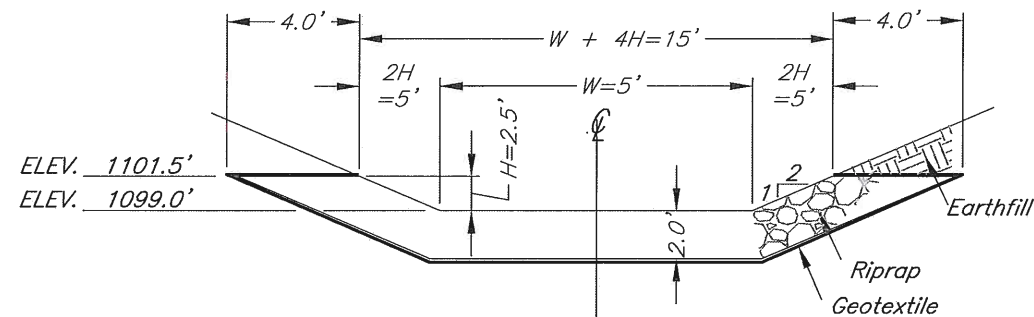


Steel angles for pile cap, see Construction Note 3.

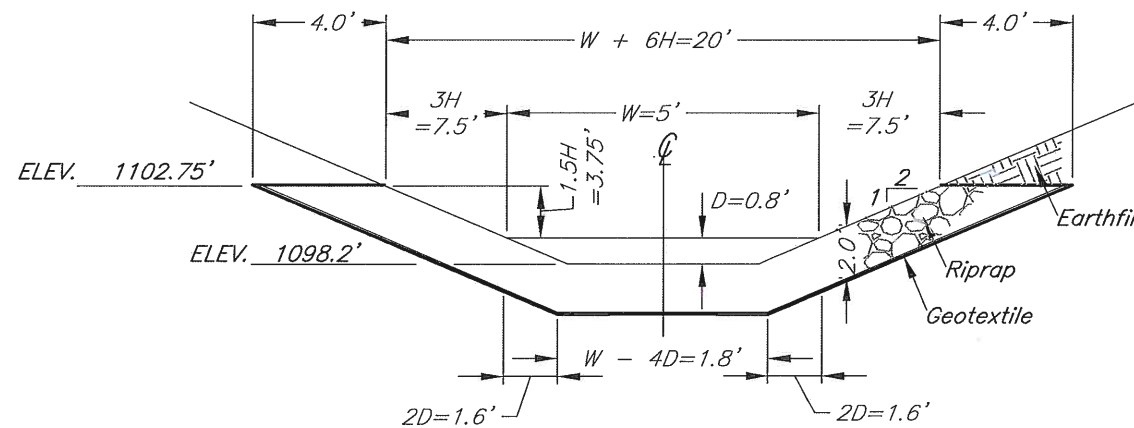


Continuous butt weld
Fillet weld steel angles to each piece of sheet pile

SECTION E-E



SECTION D-D



SECTION C-C

NOTES

CONSTRUCTION:

- All riprap shall be IDOT Class E.
- Top of sheet pile shall be trimmed as needed to obtain elevations indicated and to remove any damage caused by driving.
- Shop drawings shall be provided for proposed construction of pile cap.

PAY ESTIMATE NO. 6 (FINAL)

Drainage District No. 55 Laterals 9 and 9C tiles, Division 3

(Project No. 6636.1 & 6636)

10/11/2018

CONTRACTOR

Hands On Excavating
12676 290th Street
Radcliffe, Ia 50230

OWNER

Trustees of Drainage District #55
Hardin County Courthouse
1215 Edgington Ave., Suite 1
Eldora, Iowa 50627

ENGINEER

Clapsaddle-Garber Associates, Inc
739 Park Avenue
Ackley, Iowa 50601

DIVISION 9 BASE BID

Item No.	Description	Estimated Quantity	Unit	Installed Quantity	Unit Price	Extended Price
1	30" Ø Polypropylene Tile	400	LF	420	\$ 45.57	\$ 19,139.40
2	24" Ø Polypropylene Tile	4342	LF	4280	\$ 32.87	\$ 140,683.60
3	18" Ø Polypropylene Tile	1020	LF	943	\$ 24.17	\$ 22,792.31
4	8" Ø HDPE Dual Wall Tile	1165	LF	1184	\$ 11.49	\$ 13,604.16
5	24" Ø Polypropylene Tile Road Crossing	40	LF	40	\$ 233.19	\$ 9,327.60
6	12" X 24" Polypropylene Wye	1	EA		\$ 725.90	\$ -
7	18" X 18" Polypropylene Tee	1	EA	1	\$ 702.30	\$ 702.30
8	8" X 8" HDPE Dual Wall Wye	1	EA		\$ 135.77	\$ -
9	8" HDPE Dual Wall Plug	1	EA	1	\$ 66.44	\$ 66.44
10	24" X 30" Polypropylene Eccentric Reducer	1	EA	1	\$ 768.74	\$ 768.74
11	18" X 24" Polypropylene Eccentric Reducer	1	EA	1	\$ 536.07	\$ 536.07
12	8" X 18" Polypropylene Eccentric Reducer	1	EA	1	\$ 302.62	\$ 302.62
13	Type PC-2 Concrete Collar	2	EA	2	\$ 336.71	\$ 673.42
14*	Private Tile Connection (with tap tees)	10	EA	13	\$ 299.22	\$ 3,889.86
15	12" Ø Hickenbottom Intake	2	EA	2	\$ 788.73	\$ 1,577.46
16	Tap Existing Headwall/Junction Structure	1	LOC	1	\$ 1,340.73	\$ 1,340.73
17	Road Ditch Grading	4	STA	2	\$ 250.00	\$ 500.00
18	Exploratory Excavation	4	HR	7.75	\$ 160.00	\$ 1,240.00
19*	Tile Removal (crush in place)	6927	LF	6917	\$ 2.62	\$ 18,122.54
20	Permanent Seeding	0.4	AC	0.2	\$ 2,000.00	\$ 400.00
21	Seeding Warranty	1	LS	1	\$ 200.00	\$ 200.00
22	Traffic Control	1	LS	1	\$ 250.00	\$ 250.00
23	Locate Existing Lateral Tile	69.27	STA	69.27	\$ 30.00	\$ 2,078.10

DIVISION 9C BASE BID

101	18" Ø Polypropylene Tile	1285	LF	1260	\$ 21.27	\$ 26,800.20
102	12" Ø Polypropylene Tile	415	LF	406	\$ 16.09	\$ 6,532.54
103	12" Ø Polypropylene Tile Road	40	LF	40	\$ 147.67	\$ 5,906.80
104	12" X 18" Polypropylene Wye	1	EA	1	\$ 497.76	\$ 497.76
105	12" Polypropylene Plug	1	EA	1	\$ 31.14	\$ 31.14
106	12" X 18" Polypropylene Eccentric	1	EA	1	\$ 278.56	\$ 278.56
107	Type PC-2 Concrete Collar	2	EA		\$ 328.61	\$ -
108*	Private Tile Connection (with tap tees)	5	EA	4	\$ 291.80	\$ 1,167.20
109	12" Ø Hickenbottom Intake	2	EA	2	\$ 756.53	\$ 1,513.06
110	Road Ditch Grading	4	STA	2	\$ 250.00	\$ 500.00
111	Exploratory Excavation	2	HR	2	\$ 160.00	\$ 320.00
112*	Tile Removal (crush in place)	1700	LF	1670	\$ 2.62	\$ 4,375.40
113	Intake Removal	1	EA	3	\$ 151.85	\$ 455.55
114	Permanent Seeding	0.3	AC	0.3	\$ 2,000.00	\$ 600.00
115	Seeding Warranty	1	LS	1	\$ 200.00	\$ 200.00
116	Traffic Control	1	LS	1	\$ 250.00	\$ 250.00

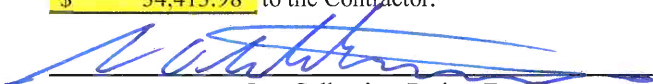


117	Locate Existing Lateral Tile	17	STA	17.06	\$ 30.00	\$ 511.80
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DIVISION 9A BID

201	18" Ø RCP Tile	170	LF	162	\$ 27.11	\$ 4,391.82
202	24" Ø CMP Tile	30	LF	35	\$ 37.66	\$ 1,318.10
203	8" Ø HDPE Dual Wall Tile	40	LF	40	\$ 11.41	\$ 456.40
204	8" X 18" RCP Tee	1	EA		\$ 626.92	\$ -
205	Type PC-2 Concrete Collar	5	EA	4	\$ 328.61	\$ 1,314.44
206	18" Ø RCP Intake	1	EA	1	\$ 526.75	\$ 526.75
207	Sheet Pile Headwall	604	SF	604	\$ 36.88	\$ 22,275.52
208	Riprap	41	CY	41	\$ 56.22	\$ 2,305.02
209	Grouted Riprap	22	CY	22	\$ 177.79	\$ 3,911.38
210	Imported Fill and Topsoil	2500	CY	2500	\$ 5.88	\$ 14,700.00
211	Tile Removal	85	LF	70	\$ 1.50	\$ 105.00
212	Tree Removal	1	LS	1	\$ 2,500.00	\$ 2,500.00
213	Debris, Junk, and Rubble Removal	4000	SF	4000	\$ 0.30	\$ 1,200.00
214	Permanent Seeding	0.6	AC	0.4	\$ 2,000.00	\$ 800.00
215	Seeding Warranty	1	LS	1	\$ 200.00	\$ 200.00

I have reviewed the work claimed to be completed by the Contractor as reflected above and recommend payment of \$ 34,413.98 to the Contractor.



 Lee Gallentine, Project Engineer

TOTAL WORK COMPLETED TO DATE	344,139.79
10% RETENTION	\$ -
AMOUNT DUE LESS RETENTION	\$ 344,139.79
PREVIOUSLY PAID	\$ 309,725.81
AMOUNT DUE AT THIS TIME	\$ 34,413.98

* - Approved as part of Change Order #1

Notes: For pay estimate #1, the entire payment was for Lateral 9
 For pay estimate #2, the entire payment was for Lateral 9
 For pay estimate #3, \$22,300.49 was for Lateral 9 and \$44,096.73 was for Lateral 9C
 For pay estimate #4, \$59.80 was for Lateral 9; \$450.00 was for Lateral 9C; and \$50,403.98 was for Lateral 9A
 For pay estimate #5, \$538.60 was for Lateral 9; \$399.28 was for Lateral 9C; and \$0 was for Lateral 9A
 For pay estimate #6, \$23,819.54 was for Lateral 9; \$4,994.00 was for Lateral 9C; and \$5,600.44 was for Lateral 9A



UNCONDITIONAL WAIVER AND RELEASE UPON PAYMENT

TO WHOM IT MAY CONERN:

Whereas the undersigned Hardin County

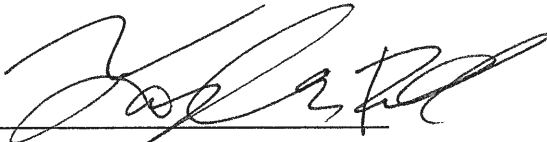
has been paid and has received payment in full for labor, services, equipment and/or material furnished to Hands On Excavating LLC for the job know as D.D. 55 Outlet Repair and Tile

Replacement located in the city/county of Radcliffe, Hardin County, State of Iowa.

The undersigned does hereby release any right to lien on the above referenced job to the following extent. This release covers a complete payment for labor, services, equipment or materials furnished through the date signed below, and does not cover items furnished after this date.

Dated this 28th day of December, 2017

Company: Hardin County Engineer

By: 
(Signature)

****Lien Waivers need to be returned before next payment will be processed****

Please Return to:
Hands On Excavating LLC
3305 Ziegler Ave
Radcliffe, Ia 50230

UNCONDITIONAL WAIVER AND RELEASE UPON PAYMENT

TO WHOM IT MAY CONERN:

Whereas the undersigned Concrete Inc.

has been paid and has received payment in full for labor, services, equipment and/or material furnished to Hands On Excavating LLC for the job know as D.D. 55 Outlet Repair and Tile

Replacement located in the city/county of Radcliffe,
Hardin County, State of Iowa.

The undersigned does hereby release any right to lien on the above referenced job to the following extent. This release covers a complete payment for labor, services, equipment or materials furnished through the date signed below, and does not cover items furnished after this date.

Dated this 18th day of December, 2017

Company: Concrete Inc

By: [Signature]
(Signature)

****Lien Waivers need to be returned before next payment will be processed****

**Please Return to:
Hands On Excavating LLC
3305 Ziegler Ave
Radcliffe, Ia 50230**

UNCONDITIONAL WAIVER AND RELEASE UPON PAYMENT

TO WHOM IT MAY CONERN:

Whereas the undersigned

Behre Drains INC

has been paid and has received payment in full for labor, services, equipment and/or material furnished to Hands On Excavating LLC for the job know as D.D. 55 Outlet Repair and Tile Replacement located in the city/county of Radcliffe, Hardin County, State of Iowa.

The undersigned does hereby release any right to lien on the above referenced job to the following extent. This release covers a complete payment for labor, services, equipment or materials furnished through the date signed below, and does not cover items furnished after this date.

Dated this 18th day of December, 2017

Company: Behre Drains INC

By: [Signature]
(Signature)

****Lien Waivers need to be returned before next payment will be processed****

**Please Return to:
Hands On Excavating LLC
3305 Ziegler Ave
Radcliffe, Ia 50230**

UNCONDITIONAL WAIVER AND RELEASE UPON PAYMENT

TO WHOM IT MAY CONERN:

Whereas the undersigned Fowler

has been paid and has received payment in the amount of \$ 3684.57 for labor, services, equipment and/or material furnished to Hands On Excavating LLC for the job know as D.D. 55 Outlet Repair and Tile Replacement located in the city/county of Radcliffe, Hardin County, State of Iowa.

The undersigned does hereby release any right to lien on the above referenced job to the following extent. This release covers a complete payment for labor, services, equipment or materials furnished through the date signed below, and does not cover items furnished after this date.

Dated this 12 day of December, 2019

Company: Fowler

By: [Signature]
(Signature)

****Lien waivers need to be returned before next payment will be processed****

**Please Return to:
Hands On Excavating LLC
12676 290th ST
Radcliffe, Ia 50230**

UNCONDITIONAL WAIVER AND RELEASE UPON PAYMENT

TO WHOM IT MAY CONERN:

Whereas the undersigned Midwest Pipe Supply, Inc.

has been paid and has received payment in full for labor, services, equipment and/or material furnished to Hands On Excavating LLC for the job know as D.D. 55 Outlet Repair and Tile Replacement located in the city/county of Radcliffe, Hardin County, State of Iowa.

The undersigned does hereby release any right to lien on the above referenced job to the following extent. This release covers a complete payment for labor, services, equipment or materials furnished through the date signed below, and does not cover items furnished after this date.

Dated this 10 day of January, ~~2017~~ 2018

Company: Midwest Pipe Supply, Inc.

By: Windy S. Pava, Officer
(Signature)

****Lien Waivers need to be returned before next payment will be processed****

Please Return to:
Hands On Excavating LLC
3305 Ziegler Ave
Radcliffe, Ia 50230

UNCONDITIONAL WAIVER AND RELEASE UPON PAYMENT

TO WHOM IT MAY CONERN:

Whereas the undersigned Contractors Solutions

has been paid and has received payment in full for labor, services, equipment and/or material furnished to Hands On Excavating LLC for the job know as D.D. 55 Outlet Repair and Tile Replacement located in the city/county of Radcliffe, Hardin County, State of Iowa.

The undersigned does hereby release any right to lien on the above referenced job to the following extent. This release covers a complete payment for labor, services, equipment or materials furnished through the date signed below, and does not cover items furnished after this date.

Dated this 22 day of January, 2017

Company: Contractor Solutions

By: Joedi Demuy
(Signature)

****Lien Waivers need to be returned before next payment will be processed****

**Please Return to:
Hands On Excavating LLC
3305 Ziegler Ave
Radcliffe, Ia 50230**