FINAL ACCEPTANCE REPORT

Faribault County Ditch No. 21 Defect Repairs - 2019 Open Ditch Repairs

- 2020 Tile Repairs Bid Packages 1, 2, 3, 4 & 5

16587 July 2021

REPORT FOR: Merissa Lore Drainage Authority Faribault County 415 South Grove Street Blue Earth, MN 56013 507.526.2388 Merissa.Lore@co.faribault.mn.us FROM: Chuck Brandel, PE Senior Civil Engineer ISG 115 E Hickory Street, Suite 300 Mankato, MN 56001 507.387.6651 chuck.brandel@isginc.com

ISG

July 19th, 2021

Merissa Lore Faribault County Drainage Authority 415 South Grove Street Blue Earth, MN 56013

Re: Faribault County Ditch No. 21 Repair Bid Packages

Ms. Lore:

The repair bid packages to Faribault County Ditch No. 21 Improvement have been fully completed. I+S Group (ISG) has televised all of the agricultural drain tile and found some areas requiring minor repairs. Since the video was completed, the contractors have repaired these portions of the system. The purpose of this report is to closeout the repair portions of the project to finalize payment to the contractors that performed the repairs.

Faribault County Ditch No. 21 Improvements (2017 – 2019)

The cost estimate for construction, including contingency, from the Final Engineering Report was \$3,324,253. The project was bid in May of 2017 and awarded to the low bidder, Northern Lines Contracting out of Bloomington, MN, at a contract price of \$2,877,885.85. During construction there were five change orders for a total estimated cost of \$280,205.95 approved for additional scope or costs to the project. There were \$154,033.53 in additional granular bedding for pipe, Sand or CLSM Filling abandoned pipe under roadways, additional side intakes and sideslope seeding among other items over the engineer's estimated quantities. The total value of completed work was \$3,312,125.33.

There were numerous issues encountered during construction including weather delays caused by the late snow event heavy rains including a FEMA event in the spring and summer of 2018 as well as poor and negligent construction practices by Northern Lines throughout the duration of construction. After months of warnings, meetings and disputes Northern Lines contract was ultimately terminated in the spring of 2019. ISG and Faribault County withheld 5% of all construction costs throughout construction. In addition to retainage there were costs withheld from payment of incomplete bid items, costs withheld for work performed by others due to Northern Lines negligence and costs withheld for summer 2018 flooding damages caused by Northern Lines failure to maintain an outlet to the system. In total, Northern Lines was paid \$2,914,138.15 with \$397,987.18 withheld to cover costs to complete unfinished work and repair defects to Northern Lines work.

Significant time and effort was required by ISG and Faribault County staff to fully assess, document and organize the scope of repairs required to complete the improvement project. The repair work was ultimately organized into six repair projects, each publicly bid and awarded to the lowest qualified bidder. A summary of the scope of these bid packages, estimated and total costs is below.

Faribault County Ditch No. 21 - 2019 Open Ditch Repair Bid Package

The first bid package identified and bid was for repair of several sloughs, washouts and ditch cleaning along the newly constructed open ditch. The project bid on August 29, 2019 with two bids received. The engineer's estimate was \$127,936.75, bids ranged from \$141,686.00

to \$177,076.24. The project was awarded to the low bidder, Brunz Construction for \$141,686.00.

There were five change orders approved for additional scope and unforeseen costs during construction for a total of \$64,785.82 in change orders to cover items such as adding toe drains to slough areas, repair of sloughs that re-emerged due to poor soils, additional riprap among other items. The total approved contract cost was \$206,471.82 but there were cost savings compared to the engineer's estimate, the total actual project cost is \$206,863.93.

To date, the contractor has been paid \$187,957.05 with an unpaid balance of \$18,906.88 left on retainage and unpaid items to be paid. The final approved payment being requested is \$7,737.89 under the approved contract price.

Faribault County Ditch No. 21 - Tile Repair Bid Packages

No televising footage or data, which was a requirement of the contract, was provided by Northern Lines prior to or after the termination of their contract. In order to assess the quality of the tile installation, Faribault County hired Ground Works Backhoe Service to televise in June of 2019. ISG reviewed the footage and prepared an extensive report of repairs with a base cost estimate of \$258,680 in spot repairs with a bid alternate of up to \$577,464.75 in potential removal and replacement of tile that was unable to be televised due to excessive sedimentation and assumed to be damaged beyond repair. This scope of repairs was initially bid on October 25, 2019 with just one bid received from Loo Con, Inc. with a base bid price of \$1,039,925.80 and bid alternate price of \$1,409,465.50. The bid was rejected due to excessive costs and re-bid efforts tabled until January 2020 in hopes of obtaining more favorable bids over the winter. The scope was also divided into five separate bid packages to hopefully attract more local bidders and competitive bids.

Faribault County Ditch No. 21 - Tile Repair Bid Package #1

Bid Package #1 included all of the Mainline and Branch 147 tile north of CSAH 8 and west of the open ditch with an engineer's estimated cost of \$111,200.00. A total of four bids were received on February 11, 2020 with prices ranging from \$73,697.50 to \$120,100.00. The low bid was rejected due to lack of qualifications and the project was awarded to the lowest qualified bidder, Noomen Excavating LLC for \$109,587.67.

Construction on Bid Package #1 began in August of 2020, after the completion of Bid Package #3 which will be described in greater detail below. All of the tile was re-televised by ISG and as suspected, the clearer and more precise televising equipment revealed that the extent, locations and types of repairs required differed significantly from the bid documents. There were two approved change orders on Bid Package #1 adding a total of \$327,528.79 to the contract for a total approved contract price of \$437,116.46. There were cost savings on several of the spot repairs identified in the original scope that were required total removal and replacement of pipe in the change order 1 scope. The total value of completed work was \$398,615.62. The work was substantially complete in December of 2020 leaving some private tile repairs, final televising and a small list of minor punch list repairs which were completed in the spring of 2021.

To date, the contractor has been paid \$388,650.23 with an unpaid balance of \$9,965.39 left on retainage to be paid. The final approved payment being requested is \$38,500.84 under the approved contract price.

Faribault County Ditch No. 21 - Tile Repair Bid Package #2

Bid Package #2 included all of the Mainline, Branch 147 and Branch 116 tile south of CSAH 8, north of I-90 and west of CR-5 with an engineer's estimated cost of \$64,140.00. A total of five bids were received on February 11, 2020 with prices ranging from \$44,824.00 to \$282,605.00. The low bid was rejected due to lack of qualifications and the project was awarded to the lowest qualified bidder, Brunz Construction Company Inc for \$67,424.00.

Bid Package #2 was the last of the five bid packages started and completed in construction with work beginning in January 2021 and completed in May of 2021. As was the case with Bid Packages 1, 4 & 5, all of the tile in the Bid Package #2 area was re-televised by ISG and as and found to be in much worse condition than originally believed. There were five approved change orders on Bid Package #2 adding a total of \$310,423.25 to the contract for a total approved contract price of \$377,847.25. There were cost savings on several of the spot repairs identified in the original scope that were required total removal and replacement of pipe in the change order 1 scope. The total value of completed work was \$315,031.75.

To date, the contractor has been paid \$295,397.27 with an unpaid balance of \$19,634.48 left on retainage and some final completed bid items to be paid. The final approved payment being requested is \$19,634.48 under the approved contract price.

Faribault County Ditch No. 21 - Tile Repair Bid Package #3

Bid Package #3 included all of the Mainline and Branch 116 tile south of I-90 with an engineer's estimated cost of \$159,037.50. A total of three bids were received on February 12, 2020 with prices ranging from \$163,487.50 to \$243,111.00. The project was awarded to the lowest qualified bidder, Brunz Construction Company Inc for \$163,487.50.

Bid Package #3 was the first to get started in construction with work beginning in early July of 2020 and substantially complete by the end of September 2020. During construction there were many challenges including location and extent of spot repairs differing from the plans and the tile was found to be in worse condition than believed leading to delays and overrun of several bid quantities. There were two approved change orders on Bid Package #3 adding a total of \$5,740.00 to the contract for a total approved contract price of \$169,227.50. The total value of completed work including base bid quantity overrun and change orders was \$205,503.50.

To date, the contractor has been paid \$195,228.32 with an unpaid balance of \$10,275.18 left on retainage to be paid. The final approved payment being requested is \$36,276.00 over the approved contract price.

Faribault County Ditch No. 21 - Tile Repair Bid Package #4

Bid Package #4 included all of Branch 275 north of I-90 with an engineer's estimated cost of \$146,320.00. Bidding on Bid Package #4 was delayed slightly compared to the rest of the tile bid packages so that the areas that were inaccessible during televising could be jetted and re-televised for a more accurate scope. The jetting contractor was unable to clear the majority of the sediment and believed a significant portion of the inaccessible tile to be crushed or badly damaged. Bids were solicited similar to the rest of the bid packages with alternate pricing for removal and replacement of over 1,200 LF of tile. A total of four bids were received on March 16, 2020 with prices ranging from \$89,495.00 to \$195,150.00. The project was awarded to the lowest qualified bidder, Brunz Construction Company Inc for \$89,495.00.

Construction of Bid Package #4 began in October 2020 and was substantially complete in February 2021. As was the case with the other bid packages, re-televising revealed significant issues that were not detectable or present during the original televising. There were four approved change orders on Bid Package #4 adding a total of \$315,367.50 to the contract for a total approved contract price of \$404,862.50. The total value of completed work is \$392,828.50.

To date, the contractor has been paid \$373,187.07 with an unpaid balance of \$19,641.43 left on retainage to be paid. The final approved payment being requested is \$12,034.00 under the approved contract price.

Faribault County Ditch No. 21 - Tile Repair Bid Package #5

Bid Package #5 included all of Branch 275 south of I-90 with an engineer's estimated cost of \$62,810.00. A total of three bids were received on February 12, 2020 with prices ranging from \$49,885.00 to \$78,583.96. The low bidder was rejected due to lack of qualifications and was awarded to the lowest qualified bidder, Brunz Construction Company Inc for \$69,400.00.

Construction of Bid Package #5 began in August of 2020 and was substantially complete in February 2021. As was the case with the other bid packages, re-televising revealed significant issues that were not detectable or present during the original televising. There were three approved change orders on Bid Package #5 adding a total of \$250,395.00 to the contract for a total approved contract price of \$319,795.00. The total value of completed work is \$273,745.00.

To date, the contractor has been paid \$260,057.75 with an unpaid balance of \$13,687.25 left on retainage to be paid. The final approved payment being requested is \$46,050.00 under the approved contract price.

Contract	gineer's timate	iginal ntract	Cha	ange Orders	errun/ derrun	То	tal Cost
Open Ditch Repairs	\$ 127,936.75	\$ 141,686.00	\$	64,785.82	\$ 392.11	\$	206,863.93
G&S - Private Tiling	\$ -	\$ -	\$	-	\$ -	\$	9,445.50
Customized Landscape	\$ -	\$ -	\$	-	\$ -	\$	784.50
Tile Repairs - Bid Package 1	\$ 111,200.00	\$ 109,587.67	\$	327,528.79	\$ (38,500.84)	\$	398,615.62
Tile Repairs - Bid Package 2	\$ 64,140.00	\$ 67,424.00	\$	310,423.25	\$ (62,815.50)	\$	315,031.75
G&S - Private Tiling	\$ -	\$ -	\$	-	\$ -	\$	5,428.40
Tile Repairs - Bid Package 3	\$ 159,037.50	\$ 163,487.50	\$	5,740.00	\$ 36,276.00	\$	205,503.50
Tile Repairs - Bid Package 4	\$ 196,340.00	\$ 153,755.00	\$	315,367.50	\$ (76,294.00)	\$	392,828.50
Tile Repairs - Bid Package 5	\$ 62,810.00	\$ 69,400.00	\$	250,395.00	\$ (46,050.00)	\$	273,745.00
	\$ 721,464.25	\$ 705,340.17	\$	1,274,240.36	\$ (186,992.23)	\$	1,808,246.70

Faribault County Ditch No. 21 – Defect Repairs Cost Summary

The As-built Drawings, Damage Maps and Reports, Abandonment Maps, Total Completed Quantities, and final Pay Requests are enclosed. We recommend payment and final acceptance of the repair portions of the project at this time.

Please feel free to contact us with any questions.

Sincerely,

Child T. Bold

Chuck Brandel, P.E.

Enclosure Attachment

Cc: Tom Brunz, Brunz Construction Co, Inc. Lyle Noomen, Noomen Excavating

APPENDIX A: As-Built Plans

Faribault County Ditch No. 21 – Open Ditch & Tile Repair Bid Packages

Appendix A

ARCHITECTURE + ENGINEERING + ENVIRONMENTAL + PLANNING

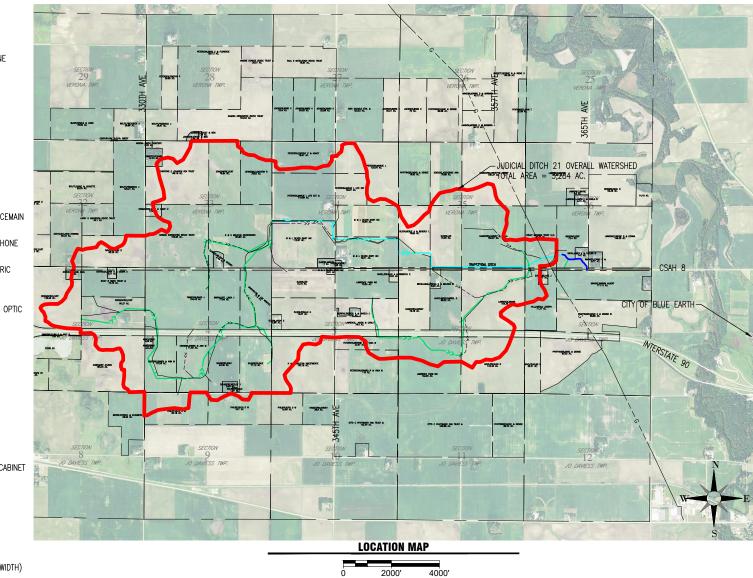
FARIBAULT COUNTY COUNTY DITCH No. 21 FINAL AS-BUILT PLANS FOR:

JO DAVIESS & VERONA TWPS, MN

COUNTY DITCH No. 21 IMPROVEMENTS

LEGEND

CITY LIMITS SECTION LINE QUARTER SECTION LINE RIGHT OF WAY LINE PROPERTY / LOTLINE EASEMENT LINE ACCESS CONTROL WATER EDGE WETLAND BOUNDARY WETLAND / MARSH FENCE LINE CULVERT STORM SEWER
SECTION LINE QUARTER SECTION LINE RIGHT OF WAY LINE PROPERTY / LOTLINE EASEMENT LINE ACCESS CONTROL WATER EDGE WETLAND BOUNDARY WETLAND / MARSH FENCE LINE CULVERT
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CULVERT
STORM SEWER
SANITARY SEWER
SANITARY SEWER FORCEM
WATER
UNDERGROUND TELEPHON
OVERHEAD ELECTRIC
UNDERGROUND ELECTRIC
UNDERGROUND TV
GAS
UNDERGROUND FIBER OPT
CONTOUR (MAJOR)
CONTOUR (MINOR)
DECIDUOUS TREE
CONIFEROUS TREE
TREE LINE
MANHOLE
CATCH BASIN
HYDRANT
VALVE
CURB STOP
POWER POLE
UTILITY PEDESTAL / CABIN
LOT LINE
RIGHT OF WAY
EASEMENT
CULVERT
STORM SEWER
STORM SEWER (PIPE WIDT
SANITARY SEWER
SANITARY SEWER (PIPE WI
WATER
OVERHEAD ELECTRIC
UNDERGROUND ELECTRIC
UNDERGROUND TV
GAS
CONTOUR
MANHOLE
W/ WINDEL
CATCH BASIN
CATCH BASIN



PROJECT INDEX:

WIDTH

0	OWNER:	PROJECT ADDRESS / LOCATION:	MANAGING OFFICE:	SPEC ALL CONSTRUCTION FARIBAULT REQU
	415 S GROVE STREET BLUE EARTH, MN 56013 PH: 507.526.2388	SECTIONS: JO DAVIESS TWP 1, 2, 3, 4, 5, 9	MANKATO OFFICE	SPECIFICATIONS STANDARD SPECI DRAIN AND WATEL ASSOCIATION OF OTHERWISE.
		VERONA TWP 33, 34, 35, 36	115 E HICKORY ST SUITE 300 MANKATO, MN 56001	HORIZONTAL COC
		JO DAVIESS & VERONA TOWNSHIP FARIBAULT COUNTY	PHONE: 507.387.6651 FAX: 507.387.3583	(NAD83(1996)) ON SYSTEM, IN U.S. S ELEVATIONS HAVE
		MINNESOTA	PROJECT MANAGER: CHUCK BRANDEL EMAIL: CHUCK.BRANDEL@IS-GRP.COM	AMERICAN VERTIC RTK GPS METHOD AND VERTICAL CC

SHEET

- 1 TITLE 2 NOTES 3 QUANTI 4 QUANTI 5 QUANTI 6 QUANTI
- 7 DETAILS8 DETAILS9 DETAILS
- 10 DETAILS
- 12 INSTALLI
- 14 MAINLIN 15 MAINLIN
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PROJECT GE

1. ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS, WHICH INCLUDE, BUT ARE NOT LIMITED TO, THI OWNER - CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH INCLUDES GENERAL SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS), DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA, MODIFICATIONS AND CLARIFICATIONS ISSUED BY THE ARCHITECT/ENGINEER.

2. CONTRACT DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK.

 WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.

 FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
 DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF

THE PROFILES AND TYPE OF DETAILING REQUIRED THROUGHOUT THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO DETAILS SHOWN WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.

PECIFICATIONS REFERENCE

ALL CONSTRUCTION SHALL COMPLY WITH THE COUNTY OF FARIBAULT REQUIREMENTS AND MnDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2014 EDITION, AND THE STANDARD SPECIFICATIONS FOR SANITARY SEWER, STORM DRAIN AND WATERMAIN AS PROPOSED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA 2013, UNLESS DIRECTED DTHERWISE.

PROJECT DATUM

ORIZONTAL COORDINATES HAVE BEEN REFERENCED TO THE ORTH AMERICAN DATUM OF 1983 (INAD83), 1996 ADJUSTMENT IAD83(1996) ON THE FARIBAULT COUNTY COORDINATE STEVATIONS HAVE BEEN REFERENCED TO THE NORTH VERTICAN VERTICAL DATUM OF 1988 (NAVD 88). IK GPS METHODS WERE USED TO ESTABLISH HORIZONTAL NO VERTICAL COORDINATES FOR THIS PROJECT.

ISG PROJECT # 14-16587	ISG
LIST INDEX	
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NE NE NE NE NE NE NE NE NE	I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. CHARLES J. BRANDEL
H 275 SH 275 H 275 H 275 H 147 H 147 H 147	DATE LIC. NO THIS DOCUMENT IS THE PROPERTY OF ISG AND MAY NOT BE USED, COPIED OR DUPLICATED WITHOUT PRIOR WRITTEN CONSENT. PROJECT
ENERAL NOTES 6. ALL MANUFACTURED ARTICLES, MATERIALS AND E GOUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK. 7. ALL DISSIMILAR METALS SHALL BE EFFECTIVELY	FARIBAULT COUNTY COUNTY DITCH No. 21 JO DAVIESS & VERONA TWPS MN
ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION. 8. THE LOCATION AND TYPE OF ALL INPLACE UTILITIES 9 SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY AND ARE ACCURATE AND COMPLETE TO THE BEST OF THE KNOWLEDGE OF I-S GROUP (ISG), NO WARRANTY OR GUARANTEE IS IMPLIED. THE CONTRACTOR SHALL VERIFY THE SIZES, LOCATIONS AND ELEVATIONS OF ALL INFLACE UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM PLAN.	AS-BUILT 6/17/21
9. THE CONTRACTOR IS TO CONTACT "GOPHER STATE ONE CALL" FOR UTILITY LOCATIONS, 48 HOURS PRIOR TO EXCAVATION / CONSTRUCTION (1.400-252-1166) A "GOPHER STATE ONE CALL" <u>WAS NOT</u> PREFORMED AT THE TIME OF THE TOPOGRAPHIC SURVEY.	PROJECT NO. 14-16587 FILE NAME 16587 TITLE-AB DRAWN BY RJA, RAG DESIGNED BY RJA, RAG REVIEWED BY CJB ISSUE DATE -/-/ CLIENT PROJECT NO. -
B.M. ELEVATION = 1122.73 4.0 FT SW OF CR 5 BRIDGE NO. 22802 DVER I-90, 6.4 FT W OF GUARDRAIL 2.3 FT W OF WITNESS POST	TITLE
TOPGRAPHIC SURVEY THIS PROJECTS TOPOGRAPHIC SURVEY CONSISTS OF DATA COLLECTED BY ISG ON 11/23/2015.	SHEET 1 OF 31

GENERAL SITE NOTES:

1.) MINOR SHAPING AROUND DROP INTAKES AND CULVERT INLETS SHALL BÉ INCIDENTAL TO THESE RESPECTIVE PAY ITEMS.

2.) EXISTING TILES AT OUTLETS MAY BE SALVAGED, REUSED, & PROTECTED WITH RIPRAP IF THE OUTLET IS DEEMED IN GOOD SHAPE. TILE REPAIR AT THESE LOCATIONS SHALL BE PAID FOR AS BID ITEM "ARMOR TILE."

3.) UNLESS OTHERWISE NOTED, CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITY TO WITHIN A 16.5-FOOT WIDE BUFFER AREA ALONG PROPOSED DITCH ALIGNMENTS. DISTURBANCE THROUGH ROAD CROSSINGS. ROAD DITCHES, AND GRASS BUFFERS SHALL BE LIMITED TO THE WIDTH OF A TRENCH NECESSARY FOR SAFE CONSTRUCTION PRACTICES.

4.) UNLESS SPECIFICALLY NOTED. HDPE & CMP WILL BE ACCEPTABLE MATERIALS FOR ALL PROPOSED TILE REPAIRS. ANY ROAD CROSSING REPAIRS SHALL BE CMP OR RCP ONLY.

5.) PLACE ALL SPOILS FROM DITCH CLEANING ON THE SIDE OF THE DITCH NO WIDER THAN 16.5' WIDE FROM TOP OF SLOPE UNLESS OTHERWISE DETERMINED BY THE ENGINEER.

6.) TIE ALL PIPE SECTIONS AT ALL RCP PIPE CROSSINGS (INCIDENTAL).

7.) DURING CONSTRUCTION, CONTRACTOR SHALL MAINTAIN A DRAINAGE OUTLET FOR THE ENTIRE CD 21 SYSTEM.

8.) AREAS WHERE A 16.5' GRASS STRIP DOES NOT EXIST OR HAS BEEN DISTURBED DURING CONSTRUCTION SHALL BE PLANTED AFTER ALL WORK HAS BEEN COMPLETED IN THAT AREA, & SHALL COMPLY TO SPECIFICATIONS OUTLINED IN THE SPEC BOOK. THESE AREAS WILL BE DETERMINED BY THE ENGINEER.

9.) EACH MAIN CHANNEL CROSSING CULVERT SHALL GET ARMORED WITH RIPRAP UPSTREAM AND DOWNSTREAM. THIS RIPRAP ARMOR SHALL BE PAID FOR PER CY AS SHOWN ON AG141.

10.) PROPOSED AND EXISTING DROP INTAKE ELEVATIONS ARE FOR INFORMATIONAL PURPOSES ONLY. DROP INTAKES WILL BE PAID FOR BY EACH AND NO ADDITIONAL COMPENSATION WILL BE MADE FOR IN-FIELD ELEVATIONS THAT VARY FROM THE PLANS.

11.) ALL BENDS, TEES, AND OTHER FITTINGS NECESSARY FOR CONNECTION SHALL BE INCIDENTAL TO CONNECTION BID ITEM. MINOR SHAPING AROUND DROP INTAKES AND CULVERT INLETS SHALL BE INCIDENTAL TO THESE RESPECTIVE PAY ITEMS.

12.) UNLESS OTHERWISE NOTED, ALL BENDS AND FITTINGS SHALL BE INCIDENTAL TO THE TILE PAY ITEMS.

13.) UNLESS OTHERWISE NOTED, CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITY TO WITHIN A 100-FOOT WIDE SWATH ALONG PROPOSED TILE ALIGNMENTS. THE SWATH NEED NOT BE CENTERED ON THE TILE. THE SWATH SHALL NOT DISTURB ANY NON-AGRICULTURAL PRIVATE PROPERTY. DISTURBANCE THROUGH ROAD CROSSINGS, ROAD DITCHES, AND GRASS BUFFERS SHALL BE LIMITED TO THE WIDTH OF A TRENCH NECESSARY FOR SAFE CONSTRUCTION PRACTICES.

14.) UNLESS SPECIFICALLY NOTED, HDPE AND RCP WILL BE ACCEPTABLE MATERIALS FOR ALL PROPOSED TILE. REFER TO SPECIFICATIONS FOR PROPER INSTALLATION REQUIREMENTS.

15.) ALL EFFORTS SHALL BE MADE DURING CONSTRUCTION TO SEPARATE SOIL TYPES. TOPSOIL SHALL BE REPLACED BACK ON TOP OF COMPACTED BACKFILL AND TOP TWO (2) FEET SHALL BE LEFT UNCOMPACTED AS MUCH AS POSSIBLE.

16.) EXCAVATED SPOILS SHALL BE SPREAD EVENLY IN CONSTRUCTION ARÉA AS TO NOT IMPEDE DRAINAGE. ALL EFFORTS SHALL BE MADE TO KEEP TOPSOIL ON TOP.

17.) ALL 18" INSPECTION RISERS ON I-90 RIGHT-OF-WAY SHALL BE NON PERFORATED, INSTALLED 8" ABOVE GRADE, AND CAPPED PER MnDOT REQUEST.

ORIGINAL INSTALLED QUANTITIES

Quanitities				
ltem No.	ltem	Unit	Quantity	
2021.501	Mobilization	LS	1	
2021.601	Tile Investigatioin	HR	92	
2104.501	Remove Existing Mainline Pipe (Size & Material May Vary)	LF	6,285	
2106.501	Open Ditch Excavation	СҮ	228 <i>,</i> 640	
2118.501	Restore Gravel Road	EA	3	
2118.501	Construct Field Crossing (Backfill, Class V, & Riprap)	EA	3	
2451.507	Granular Bedding for Pipe	CY	7,470	
2501.541	F&I: 72" CLASS IV RCP Culvert	LF	90	
2501.541	F&I: 42" CLASS IV RCP Culvert	LF	210	
2501.541	F&I: 36" CLASS IV RCP Culvert	LF	155	
2501.545	F&I:72" RCP Apron	EA	2	
2501.602	Sand or CLSM Fill 12" Pipe Under Roadway	LF	0	
2501.602	Sand or CLSM Fill 14" Pipe Under Roadway	LF	1,003	
2501.602	Sand or CLSM Fill 18" Pipe Under Roadway	LF	640	
2501.602	Sand or CLSM Fill 24-26" Pipe Under Roadway	LF	652	
2501.602	Bulkhead Existing Tile	EA	18	
2503.602	10" Tile Outlet (Riprap & Geotextile Fabric)	EA	12	
2503.602	12" Tile Outlet (Riprap & Geotextile Fabric)	EA	2	
2503.602	15" Tile Outlet (Riprap & Geotextile Fabric)	EA	2	
2503.602	18" Tile Outlet (Riprap & Geotextile Fabric)	EA	5	
2503.602	24" Tile Outlet (Riprap & Geotextile Fabric)	EA	6	
2503.602	30" Tile Outlet (Riprap & Geotextile Fabric)	EA	0	
2503.602	36" Tile Outlet (Riprap & Geotextile Fabric)	EA	0	
2503.603	Install 10-Inch Agricultural Tile	LF	733	
2503.603	Install 12-Inch Agricultural Tile	LF	1,182	
2503.603	Install 15-Inch Agricultural Tile	LF	2,724	
2503.603	Install 18-Inch Agricultural Tile	LF	3,916	
2503.603	Install 24-Inch Agricultural Tile	LF	10,745	
2503.603	Install 30-Inch Agricultural Tile	LF	2,785	
2503.603	Install 36-Inch Agricultural Tile	LF	12,736	
2503.603	12-Inch Cross Connection (With 30' of Pipe)	EA	7	
2503.603	15-Inch Cross Connection (With 30' of Pipe)	EA	5	
2503.603	18-Inch Cross Connection (With 30' of Pipe)	EA	8	
2503.603	24-Inch Cross Connection (With 30' of Pipe)	EA	2	
2506.502	F&I: Water Quality Inlet	EA	17	
2506.502	8" Perforated tile Bedded in Course Filter Aggregate (WQIs)	LF	232	
2506.502	12" Perforated tile Bedded in Course Filter Aggregate (WQIs)	LF	857	

2506.502	Install 24" Typical Side Intake	EA	12
2506.502	Install 12" Typical Side Intake	EA	24
2506.502	Drop Intakes (18")	EA	31
2506.502	Drop Intakes (24")	EA	8
2506.602	4-Inch Tile Connection	EA	11
2506.602	6-Inch Tile Connection	EA	55
2506.602	8-Inch Tile Connection	EA	47
2506.602	10-Inch Tile Connection	EA	13
2506.602	12-Inch Tile Connection	EA	13
2506.602	15-Inch Tile Connection	EA	2
2506.602	18-Inch Tile Connection	EA	5
2506.602	24-Inch Tile Connection	EA	4
2506.602	30-Inch Tile Connection	EA	0
2506.602	36-Inch Tile Connection	EA	0
2545.521	Bore 15" Steel Pipe (I-90)	LF	285
2545.521	Bore 18" Steel Pipe (I-90)	LF	325
2545.521	Bore 24" Steel Pipe (I-90)	LF	570
2545.521	Bore 36" Steel Pipe (I-90)	LF	285
2545.521	Bore 15" Steel Pipe (CSAH 8)	LF	80
2545.521	Bore 36" Steel Pipe (CSAH 8)	LF	170
2545.521	Jack & Bore 72" Class V Highway Pipe (345th Ave)	LF	100
2511.501	Misc Class III Riprap on Type 4 Geotextile Fabric	СҮ	367
2573.530	Inlet Protection	EA	0
2575.501	Seed Buffer Strip with Buffer Blend Seed Mix with Type 3 Mulch	AC	12.5
2575.501	Seed Side Slopes with Buffer Blend Seed Mix with Type BFM Mulch	AC	20.8
2575.501	Seed Two-Stage Ditch with 34-126 Seed Mix with Type BFM Mulch	AC	0.5
2575.501	Seed Road Ditches with Seed Mix 25-142 with Category 3 Erosion Control Blanket	SY	3,194
2575.541	Buffer Strip Mowing	AC	0.0
2575.545	Weed Spraying	AC	0.0



SHEET

OF 3

2

ORIGINAL INSTALLED CHANGE ORDER QUANTITIES

Change Orders				
Changer Order #	ltem	Unit	Quantity	
1	Minor Site Grading for Crossing	LS	1	
1	3" Aggregate surface for crossing 3" thick	SY	297	
1	44" Span RCP CL-2A, 2 lines installed side by side	LF	160	
1	Misc CL-3 Rip Rap on Type 4 Geotech Fabric	CY	85	
2	Casing thickness increase, 16" from .250" to .375"	LF	285	
2	Casing thickness increase, 20" from .312" to .500"	LF	325	
2	Casing thickness increase, 24" from .300" to .500"	LF	570	
3	Mobilization	LS	1	
3	Common Borrow/Site Grading	CY	1500	
3	Tensar BX 1120 GeoGrid	SF	8330	
3	Tensar UX 1400 GeoGrid	SF	9085	
3	Class 4 Riprap on Type 4 Geotextile Fabric	CY	49	
3	Seed Mix 25-141 W/ Type 8 BTM Mulch	SY	194	
3	C350 Turf Reinforcement Mat	SF	1913	
4	Common Borrow/Site Grading Associated with sloughs	CY	2746	
4	Rip Rap for Slough Areas	CY	0	
4	Rip Rap for armoring Ditch	CY	60.6	
5	Encase 36" pipe with 1.5" angular rock	CY	315.97	
5	Labor and Material	CY	315.97	

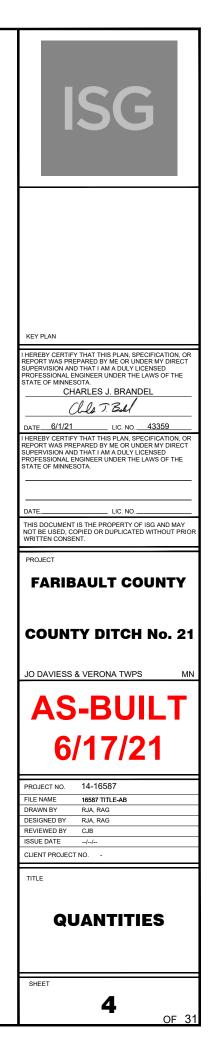
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2019 DITCH REPAIR QUANTITIES

	TOTAL AS-BUILT QUANTITIES				
Item Code	ltem	Unit	Installed Quantity		
2021.501	MOBILIZATION	LS	1		
	DITCH CLEANING (6' WIDE DITCH BOTTOM)		4050		
2105.603	(APPROX. SEDIMENT ACCUMULATED: 1/2 - 1 FOOT)	LF	4030		
	ROAD DITCH REGRADING		2500		
2105.603	(ALONG CSAH 8)	LF	2500		
2105.603	BANK STABALIZATION #1	LS	4.08		
2105.603	BANK STABALIZATION #2	LS	1		
	BANK STABALIZATION #3		1		
2105.603	(W/ CLASS III RIPRAP @ TOE OF OPEN DITCH)	LS	1		
	BANK STABALIZATION #4		1		
2105.603	(W/ CLASS III RIPRAP @ TOE OF OPEN DITCH)	LS	1		
	BANK STABALIZATION #5		1.2		
2105.603	(W/ CLASS III RIPRAP @ TOE OF OPEN DITCH)	LS	1.2		
	BANK STABALIZATION #6				
2105.603	(W/ CLASS III RIPRAP @ TOE OF OPEN DITCH)	LS	1		
	BANK STABALIZATION #7				
2105.603	(W/ CLASS III RIPRAP @ TOE OF OPEN DITCH)	LS	0.86		
2105.603	BANK STABALIZATION #8	LS	2.01		
	BANK STABALIZATION #9		0.54		
2105.603	(W/ CLASS III RIPRAP @ TOE OF OPEN DITCH)	LS	0.51		
2501.602	SAND OR CLSM FILL PIPE UNDER ROAD (18-INCH)	LF	180		
	INSTALL 12-INCH PERFORATED TILE				
2502.541	(WATER QUALITY INLET)	LF	0		
2506.502	FURNISH & INSTALL WATER QUALITY INLET	EA	1		
	INSTALL 12-INCH TOE DRAIN RISER ASSEMBLY W/ TRASH				
2506.502	GRATE	EA	0.82		
2506.502	INSTALL 12-INCH TOE DRAIN OUTLET ASSEMBLY	EA	2		
2506.603	ARMOR TILE OUTET (RIPRAP & GEOTEXTILE FABRIC)	EA	18		
	CLASS III RIPRAP WITH GEOTEXTILE FABRIC				
2511.501	(ADDITIONAL FOR CULVERT CROSSINGS)	СҮ	61.5		
	CLASS III RIPRAP WITH GEOTEXTILE FABRIC				
2511.501	(ARMOR OPEN DITCH CORNERS)	СҮ	156		
	16.5' BUFFER STRIP SEEDING				
2575.501	(SEED MIX: BUFFER BLEND WITH TYPE 3 MULCH)	AC	0		
	STANDARD SIDESLOPE SEEDING		1		
2575.501	(SEED MIX: BUFFER BLEND WITH TYPE 8 MULCH)	AC	0.2		
	SEED MIX 25-142 W/MNDOT EROSION CONTROL BLANKET				
2575.523	CATEGORY 3	SY	1230.9		
2575.541	BUFFER STRIP MOWING	AC	0		
2575.545	WEED SPRAYING	AC	0		

	CHANGE ORDER QUANTITIES
Change Order #	Item
2	Tile Investigation
2	6-Inch HDPE Agricultural Tile
2	18-inch HDPE Agricultural Tile
2	Sand or CLSM Fill pipe under road (24-inch)
2	Bulkhead Existing Tile
2	Tile Connection (6-inch)
2	Tile Outlet (6-inch)
2	Tile Outlet (18-inch)
4	8-inch HDPE Agricultural Tile
4	Hourly Hauling to Remove Wet Soils - Excavation
4	Hourly Hauling to Remove Wet Soils - Dozer
4	Hourly Hauling to Remove Wet Soils - Haul Truck
5	Site Grading - Tim & Nanc Peterson
6	Side Slope Repair
6	Class II Riprap W/ Geotextile Fabric
6	Class III Riprap W/ Geotextile Fabric
6	Class IV Riprap W/ Geotextile Fabric
6	Seeding W/ Blanket
6	Haul Truck - Sloughs
7	Open Ditch Cleaning
7	Open Ditch Cleaning - Haul Spoil
7	Remove & Install New 36" HDPE

Unit	Installed
HR	Quantity 5
LF	300
LF	50
LF	150
EA	6
EA	1
EA	1
EA	1
LF	360
HR	10
HR	10
HR	4
HR	6.5
LF	276
CY	11.38
CY	11.19
CY	150.28
AC	0.152
HR	13
LF	700
HR	5.5
LS	1



2020 TILE REPAIR QUANTITIES

BID PACKAGE #1

ltem Code	Item Description	Unit	Quantity
2021.501	MOBILIZATION	LS	1
2021.601	EXPLORATORY INVESTIGATION	HR	5
2503.603	36-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	0
2503.603	36-INCH SPOT REPAIR (BAD SEAL ON INSERTED TEE)	EA	1
2503.603	36-INCH SPOT REPAIR (PLUGGED TEE)	EA	0
2503.603	24-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	0
2503.603	24-INCH SPOT REPAIR (BAD SEAL ON INSERTED TEE)	EA	0
2503.603	18-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	0
2503.603	18-INCH SPOT REPAIR (GRADE CHANGE)	EA	0
2503.603	REMOVE AND INSTALL NEW 18-INCH TILE	LF	110
2503.603	REMOVE AND INSTALL NEW 24-INCH TILE	LF	640
2503.603	INSTALL 6" PERFORATED TILE	LF	1952
2503.603	24-INCH BEND (ANY DEGREE)	EA	2
2503.603	18-INCH BEND (ANY DEGREE)	EA	4
2506.502	INSTALL DROP INTAKE (18-INCH)	EA	1

BID PACKAGE #2

Item Code	Item Description	Unit	Quantity
2021.501	MOBILIZATION	LS	1
2021.601	EXPLORATORY INVESTIGATION	HR	4.5
2106.501	SITE GRADING	AC	0
2503.603	36-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	5
2504.603	24-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	0
2505.603	24-INCH SPOT REPAIR (DENTED PIPE)	EA	0
2503.603	18-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	0
2503.603	15-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	0
2500.603	REMOVE AND INSTALL NEW 36-INCH TILE	LF	60
2506.603	36-INCH BEND (ANY DEGREE)	EA	2
2503.603	INSTALL 6-INCH PERFORATED TILE	LF	0

Total Change Order Quantities Bid Package #1				
Change Order #	Item Description	Unit	Quantity	
1	36-inch Spot Repair (Deflection/Bad Joint)	EA	6	
1	24-inch Spot Repair (Deflection/Bad Joint)	EA	7	
1	24-inch Spot Repair (Punctured Pipe)	EA	1	
1	24-inch Spot Repair (No Inserta Tee)	EA	1	
1	24-inch Spot Repair (Bad seal on Inserta Tee)	EA	16	
1	Remove and install 18-inch tile	LF	1110	
1	Remove and install 24-inch tile	LF	840	
1	Remove and install 36-inch tile	LF	1000	
1	Install 8-inch perforated sub-main	LF	0	
1	36-inch bend (any degree)		3	
1	24-inch bend (any degree)	EA	4	
1	18-inch bend (any degree)	EA	0	
1	Install Drop Intake (18-inch)	EA	1	
1	Cross-connect through existing tile (6-inch or smaller)	EA	7	
1	Cross-connect through existing tile (18-inch)	EA	1	
1	Connect existing offset WQI to proposed DI	EA	0	
1	Connect existing tile (6-inch or smaller)	EA	3	
1	Connect existing tile (8-inch)	EA	0	
1	Connect existing tile (18-inch)	EA	0	
1	36-inch spot repair (Plugged Tee)	EA	1	
1	36-inch spot repair (Bad seal on inserta tee)	EA	0	
1	18-inch spot repair (Grade Change)	EA	0	
3	Grading and Ripping	AC	1	
3	Cap and Bury Drop Intake	EA	1	
Total Change Order Quantities Bid Package #2				
Change				

Total Change Order Quantities Bid Package #2				
Change Order #	Item Description	Unit	Quantity	
1	OPEN CUT AND RESTORE GRAVEL ROADWAY	EA	1	
1	GRANULAR PIPE FOUNDATION	CY	5	
1	36-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	12	
1	36-INCH SPOT REPAIR (LOW SPOT/ABRUPT GRADE CHANGE)	EA	2	
1	36-INCH SPOT REPAIR (BAD SEAL ON INSERTED TEE)	EA	3	
1	24-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	1	
1	24-INCH SPOT REPAIR (BAD SEAL ON INSERTED TEE)	EA	1	
1	18-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	2	
1	18-INCH SPOT REPAIR (BAD SEAL ON INSERTED TEE)	EA	2	
1	15-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	4	
1	12-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	5	
1	12-INCH SPOT REPAIR (BAD SEAL ON INSERTED TEE)	EA	0	
1	36-INCH BEND (ANY DEGREE)	EA	5	
1	24-INCH BEND (ANY DEGREE)	EA	6	
1	18-INCH BEND (ANY DEGREE)	EA	0	
1	12-INCH BEND (ANY DEGREE)	EA	0	
1	10-INCH BEND (ANY DEGREE)	EA	0	
1	REMOVE AND INSTALL NEW 10-INCH TILE	LF	100	
1	REMOVE AND INSTALL NEW 12-INCH TILE	LF	340	
1	REMOVE AND INSTALL NEW 18-INCH TILE	LF	20	
1	REMOVE AND INSTALL NEW 24-INCH TILE	LF	1805	
1	REMOVE AND INSTALL NEW 36-INCH TILE	LF	894	
1	INSTALL 6-INCH PERFORATED TILE	LF	10	
1	JET & CLEAN 24-INCH TILE	LF EA	0	
1	1 INSTALL DROP INTAKE (18-INCH)		6	
1	CROSS-CONNECT THROUGH EXISTING TILE (6-INCH OR SMALLER)	EA	2	
1	CROSS-CONNECT THROUGH EXISTING TILE (12/15 INCH)	EA	2	
1	CROSS-CONNECT THROUGH EXISTING TILE (18/24 INCH)	EA	1	
1	CONNECT EXISTING OFFSET WQI TO PROPOSED DROP INTAKE	EA	2	
1	CONNECT EXISTING TILE (6-INCH OR SMALLER)	EA	2	
1		EA	0	
1	CONNECT EXISTING TILE (18/24-INCH) MNDOT SEED MIX 25-142 ON MNDOT CATEGORY 3 EROSION	EA	0	
1	CONTROL BLANKET	SY	0	
1	24-INCH SPOT REPAIR (DENTED PIPE)	EA	0	
3	REMOVE AND INSTALL NEW 24-INCH TILE	LF	0	
3	24-INCH BEND (ANY DEGREE)	EA	0	
3	CROSS-CONNECT THROUGH EXISTING TILE (12/15 INCH)	EA	0	
3	24-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	0	
3	JET & CLEAN 24-INCH TILE	LF	0	
4	INSTALL 6-INCH PERFORATED TILE	LF	0	
5	CAP AND BURY DROP INTAKE	EA	1	
6	CORE & MAIN RESTOCKING FEES	LS	1	

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2020 TILE REPAIR QUANTITIES

BID PACKAGE #3

Item Code	Item Description	Unit	Quantity
2021.501	MOBILIZATION	LS	1
2021.601	EXPLORATORY INVESTIGATION	HR	16
2106.501	SITE GRADING	AC	6.07
2503.603	36-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	4
2503.603	36-INCH SPOT REPAIR (PUNCTURED PIPE)	EA	2
2503.603	36-INCH SPOT REPAIR (PRIVATE TILE CONNECTION PROTRUDING)	EA	2
2503.603	30-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	4
2503.603	18-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	9
2503.603	18-INCH SPOT REPAIR (DENTED PIPE)	EA	2
2503.603	18-INCH SPOT REPAIR (BAD SEAL ON INSERTED TEE)	EA	1
2503.603	REMOVE AND INSTALL NEW 30-INCH TILE	LF	1907
2504.603	REMOVE AND INSTALL NEW 18-INCH TILE	LF	19
2506.603	36-INCH BEND (ANY DEGREE)	EA	9
2503.603	INSTALL 6-INCH PERFORATED TILE	LF	1435

BID PACKAGE #4

Item Code	Item Description	Unit	Quantity
2021.501	MOBILIZATION	LS	1
2021.601	EXPLORATORY INVESTIGATION	HR	18
2106.501	SITE GRADING	AC	0.00
2503.603	36-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	18
2503.603	36-INCH SPOT REPAIR (LOW SPOT/ABRUPT GRADE CHANGE)	EA	2
2503.603	36-INCH SPOT REPAIR (NO INSERTA TEE USED)	EA	7
2503.603	36-INCH SPOT REPAIR (DENTED PIPE)	EA	0
2503.603	15-INCH SPOT REPAIR (BAD SEAL ON INSERTA TEE)	EA	0
2503.603	15-INCH SPOT REPAIR (PRIVATE TILE CONNECTION PROTRUDING)	EA	0
2503.603	15-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	0

BID PACKAGE #5

Item Code	Item Description	Unit	Quantity
2021.501	MOBILIZATION	LS	1
2021.601	EXPLORATORY INVESTIGATION	HR	14
2503.603	24-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	0
2503.603	24-INCH SPOT REPAIR (LOW SPOT/ABRUPT GRADE CHANGE)	EA	0
2503.603	REMOVE AND INSTALL NEW 24-INCH TILE	LF	1240
2503.603	24-INCH BEND (ANY DEGREE)	EA	6

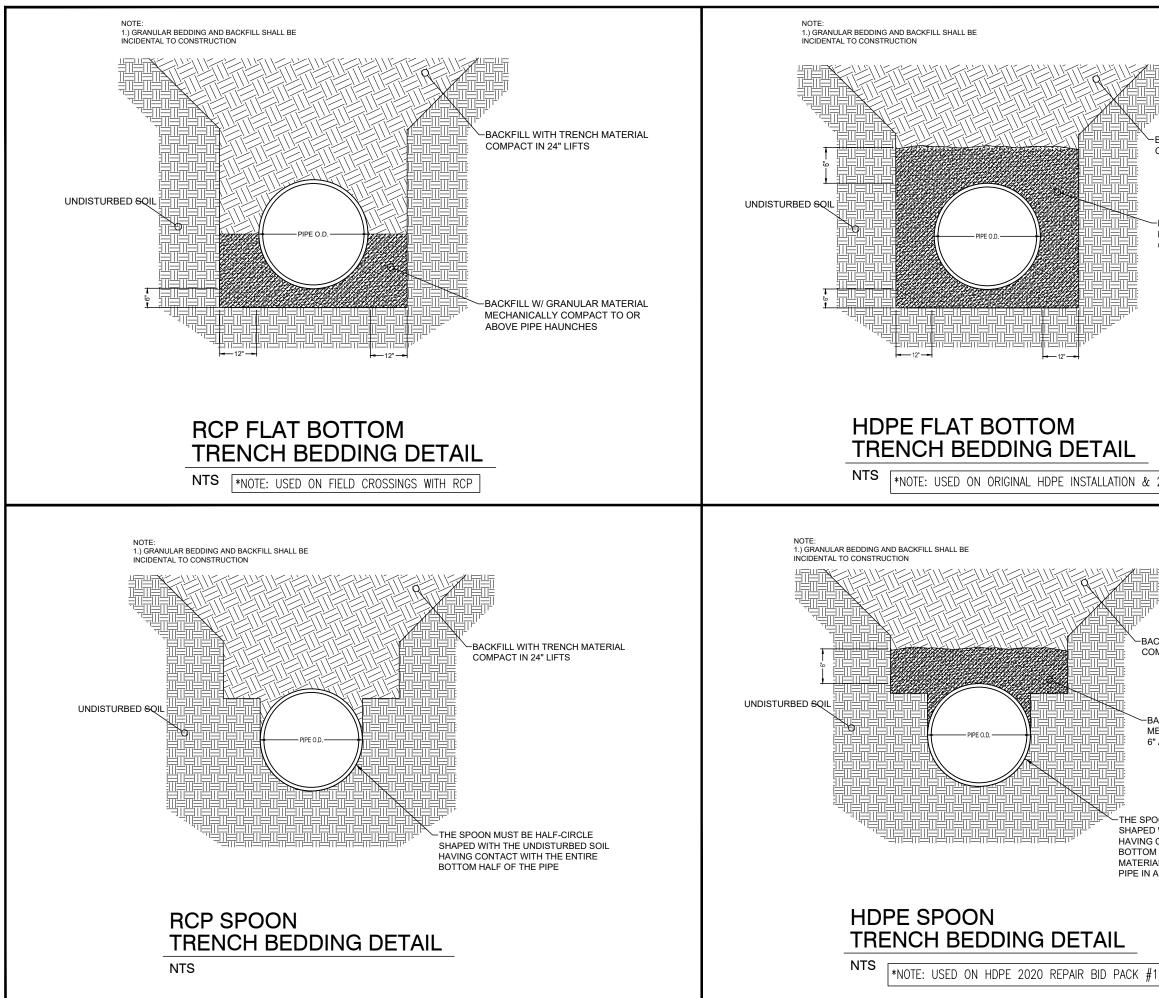
Quantity
Quantity
7
2
3

Total Change Order Quantities Bid Package #4			
Change	Item Description	Unit	Quantity
Order #	•		
1	GRANULAR PIPE FOUNDATION	CY	77
1	36-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	4
1	36-INCH BEND (ANY DEGREE)	EA	9
1	15-INCH BEND (ANY DEGREE)	EA	0
1	REMOVE AND INSTALL NEW 15INCH TILE	LF	1310
1	REMOVE AND INSTALL NEW 36-INCH TILE	LF	0
1	INSTALL NEW 10-INCH HDPE	LF	200
1	INSTALL 6-INCH PERFORATED TILE	LF	0
1	JET & CLEAN 36-INCH TILE	LF	0
1	INSTALL DROP INTAKE (18-INCH)	EA	3
1	CROSS-CONNECT THROUGH EXISTING TILE (6-INCH OR SMALLER)	EA	2
1	CROSS-CONNECT THROUGH EXISTING TILE (12/15 INCH)	EA	3
1	CROSS-CONNECT THROUGH EXISTING TILE (18/24 INCH)		2
1	CONNECT EXISTING OFFSET WQI TO PROPOSED DROP INTAKE		0
1	CONNECT EXISTING TILE (6-INCH OR SMALLER)	EA	0
1	CONNECT EXISTING TILE (15-INCH)		0
1	CONNECT EXISTING TILE (18/24-INCH)		0
1	15-INCH SPOT REPAIR (BAD SEAL ON INSTERTED TEE)		0
1	15-INCH SPOT REPAIR (PRIVATE TILE CONNECTION PROTRUDING)	EA	0
1	15-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	0
1	36-INCH SPOT REPAIR (DENTED PIPE)	EA	0
1	36-INCH SPOT REPAIR (NO INSERTED TEE)	EA	5
2	REMOVE AND INSTALL NEW 36-INCH TILE	LF	2215
2	CONNECT EXISTING TILE (6-INCH OR SMALLER)	EA	20
2	JET & CLEAN 36-INCH TILE	LF	0
2	36-INCH BEND (ANY DEGREE)	EA	5
3	INSTALL 6-INCH PERFORATED TILE	LF	1636
3	INSTALL DROP INTAKE (10-INCH)	EA	1
3	REMOVE AND INSTALL NEW 24-INCH TILE (EXTRA BEDDING)	LF	160
3	24-INCH SPOT REPAIR (OLD MAIN)	EA	2
4	CAP AND BURY DROP INTAKE	EA	1
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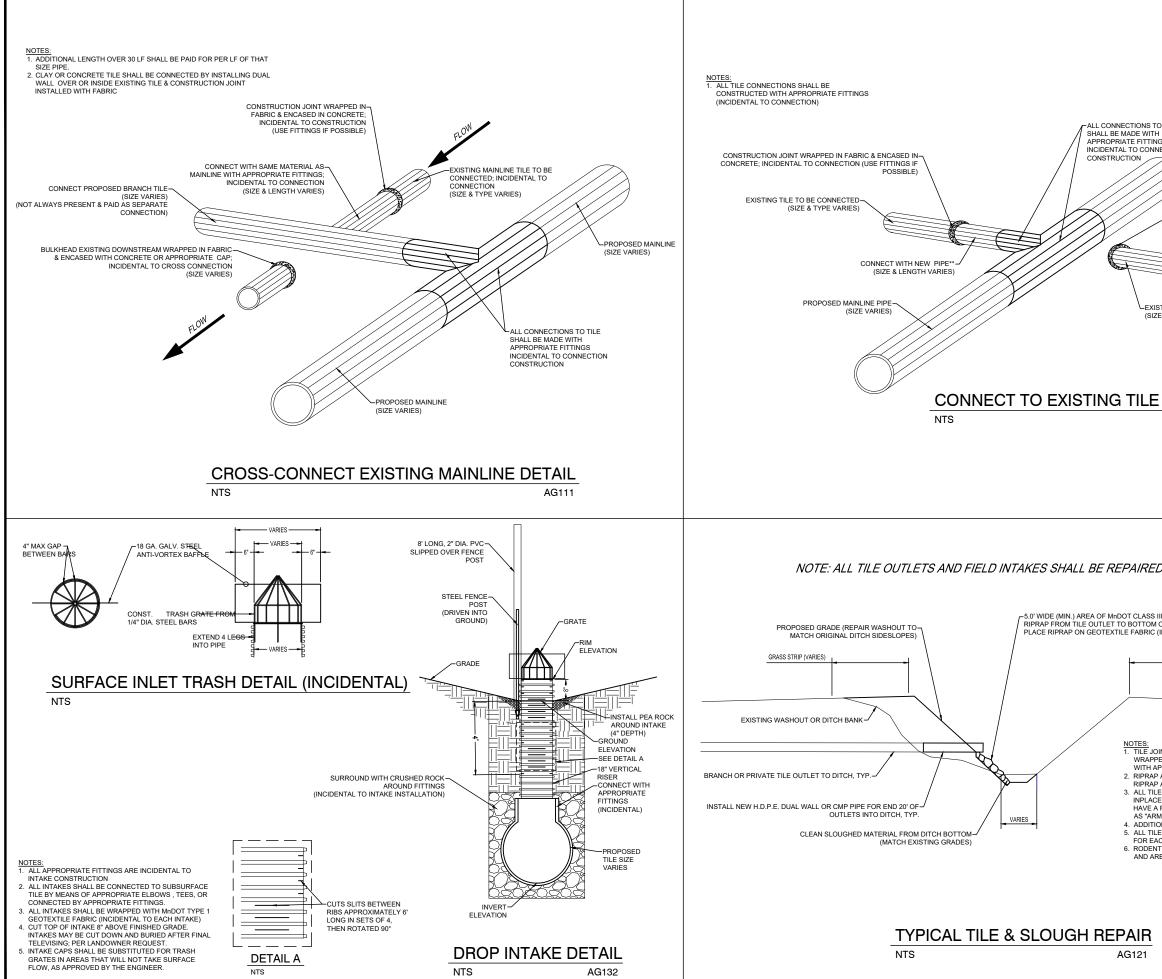
Total Change Order Quantities Bid Package #5				
Change	Item Description			
Order #		+		
1	REMOVE AND INSTALL NEW 24-INCH TILE	'		
1	INSTALL 8-INCH PERFORATED SUB-MAIN			
1	24-INCH BEND (ANY DEGREE)	E		
1	INSTALL DROP INTAKE (18-INCH)	E		
1	CROSS-CONNECT THROUGH EXISTING TILE (6-INCH OR SMALLER)	E		
1	CROSS-CONNECT THROUGH EXISTING TILE (18-INCH)	E		
1	CONNECT EXISTING OFFSET WQI TO PROPOSED DROP INTAKE	E		
1	CONNECT EXISTING TILE (6-INCH OR SMALLER)	E		
1	CONNECT EXISTING TILE (8-INCH)	E		
1	CONNECT EXISTING TILE (18-INCH)	E		
1	24-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	E		
1	24-INCH SPOT REPAIR (LOW SPOT/ABRUPT GRADE CHANGE)	E		
2	INSTALL 6-INCH PERFORATED TILE			
3	CAP AND BURY DROP INTAKE	6		

	ISC	G
	KEY PLAN	
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	6/17/	
	PROJECT NO. 14-16587 FILE NAME 16587 TITLE-AB DRAWN BY RJA, RAG DESIGNED BY RJA, RAG REVIEWED BY CJB ISSUE DATE / CLIENT PROJECT NO. -	
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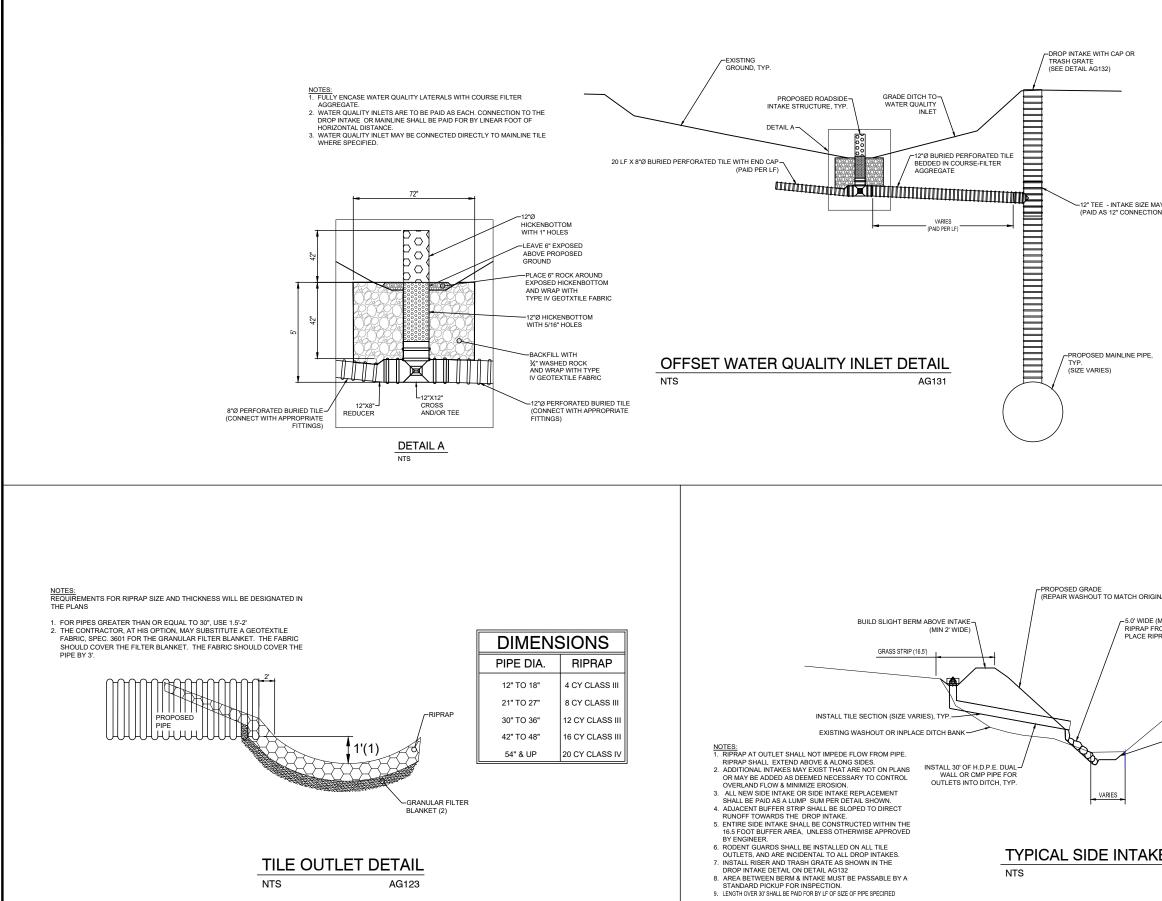
Jnit	Quantity
LF	3190
LF	0
EA	3
EA	4
EA	0
EA	0
EA	2
EA	4
EA	0
EA	1
EA	0
EA	0
LF	3040
EA	2



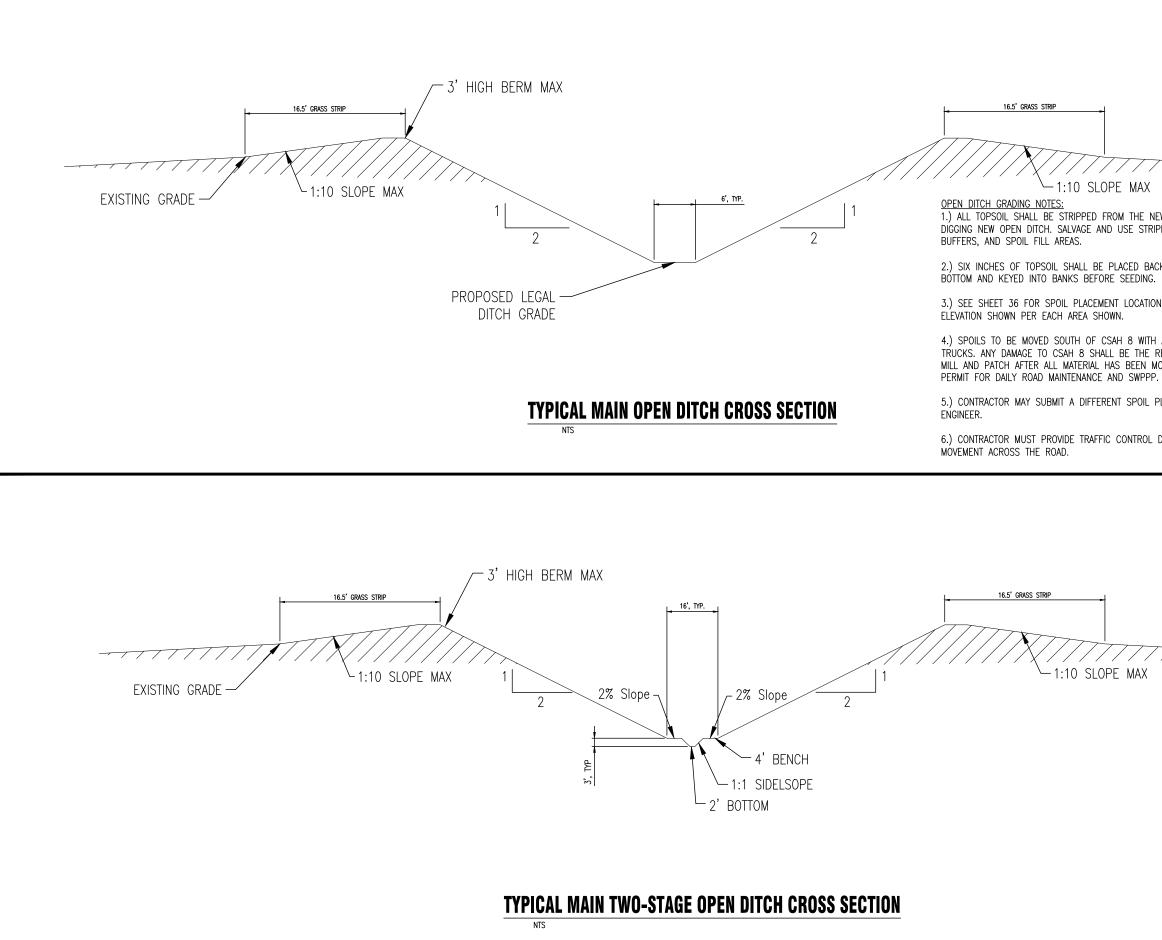
BACKFILL WITH TRENCH MATERIAL	ISG
BACKFILL W/ GRANULAR MATERIAL MECHANICALLY COMPACT TO 6" ABOVE PIPE IN 6" LIFTS	KEY PLAN I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR
	REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. CHARLES J. BRANDEL CHARLES J. BRANDEL LIC. NO. 43359 IHEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSION AND THAT I AM A DULY LICENSED PROFESSION AND THAT I AM A DULY LICENSED STATE OF MINNESOTA.
2020 REPAIR BID PACKS #2–5	LIC. NO THIS DOCUMENT IS THE PROPERTY OF ISG AND MAY NOT BE USED, COPIED OR DUPLICATED WITHOUT PRIOR
CKFILL WITH TRENCH MATERIAL MPACT IN 24" LIFTS	WRITTEN CONSENT. PROJECT FARIBAULT COUNTY COUNTY DITCH No. 21 JO DAVIESS & VERONA TWPS MN
ACKFILL W/ GRANULAR MATERIAL ECHANICALLY COMPACT TO ABOVE PIPE IN 6" LIFTS	AS-BUILT 6/17/21 PROJECT NO. 14-16587 FILE NAME 10597 TITLE-AB
DON MUST BE HALF-CIRCLE WITH THE UNDISTURBED SOIL CONTACT WITH THE ENTIRE I HALF OF THE PIPE. GRANULAR AL SHALL BE PLACED AROUND AREAS THAT HAVE VOIDS.	FILE NAME 10507 ITTLE-AB DRAWN BY RJA, RAG DESIGNED BY RIA, RAG REVIEWED BY CJB ISSUE DATE / CLIENT PROJECT NO. -
	SHEET 7 OF 31



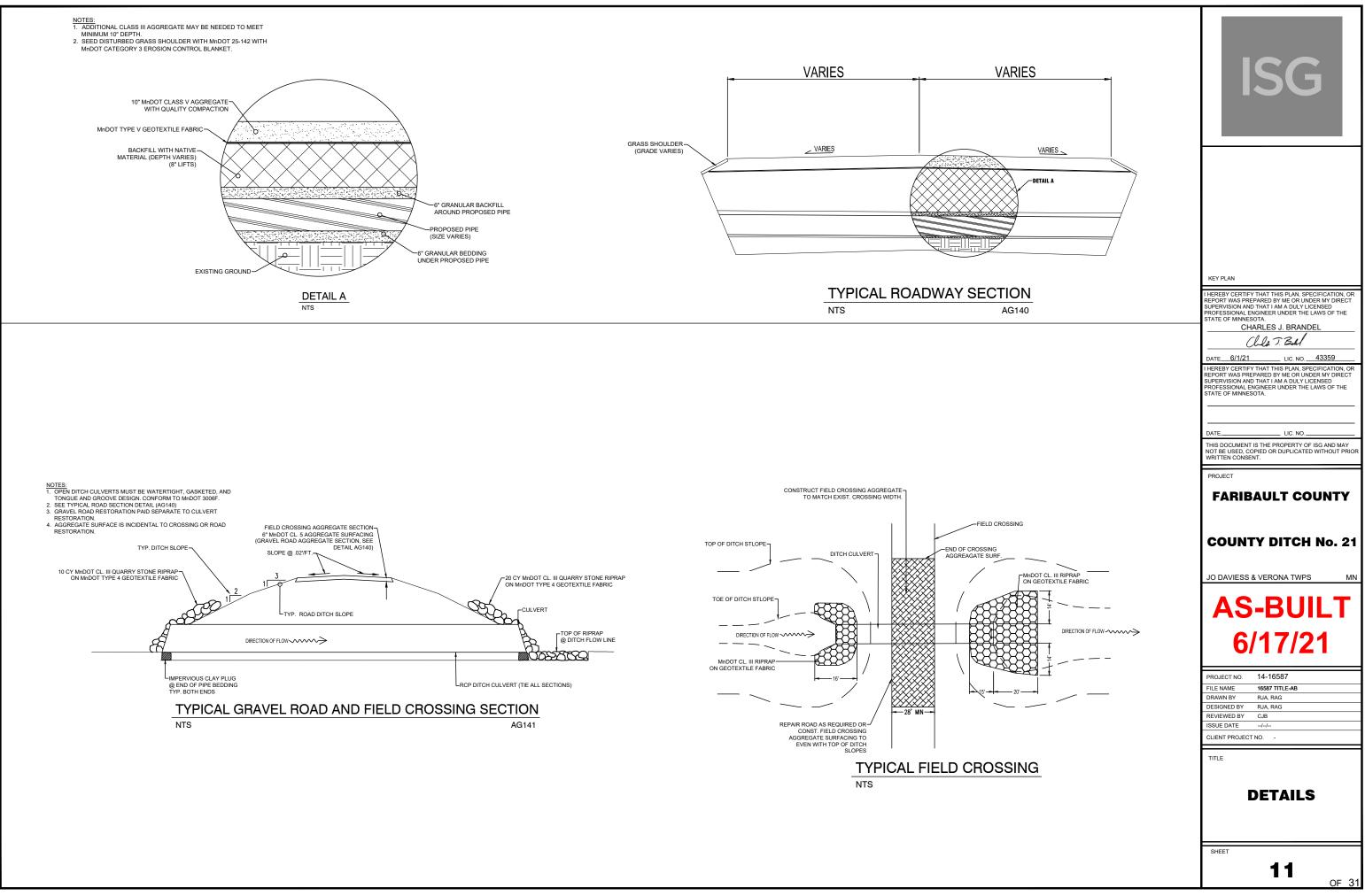
TO TILE H VSS	ISG
BULKHEAD EXISTING DOWNSTREAM WRAPPED IN FABRIC & ENCASED WITH CONCRETE OR APPROPRIATE	
CAP; INCIDENTAL TO TILE CONNECTION (SIZE VARIES)	KEY PLAN
ZE & TYPE VARIES)	I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. CHARLES J. BRANDEL CLLa T. BLAN DATE
E DETAIL AG110	REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT 1 AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
D OR PROTECTED	THIS DOCUMENT IS THE PROPERTY OF ISG AND MAY NOT BE USED, COPIED OR DUPLICATED WITHOUT PRIOR WRITTEN CONSENT. PROJECT FARIBAULT COUNTY
III I OF DITCH. (INCIDENTAL)	COUNTY DITCH No. 21
GRASS STRIP (VARIES)	AS-BUILT 6/17/21
DINT BETWEEN FIELD TILE & OUTLET SECTION SHALL BE PED IN TYPE I FABRIC AND CONCRETED, OR CONNECTED APPROPRIATE FITTINGS, IF APPROVED BY ENGINEER. P AT OUTLET SHALL NOT IMPEDED FLOW FROM PIPE. P AT OUTLET SHALL ALSO EXTEND ABOVE & A LONG SIDES. LES DEEMED TO BE SATISFACTORY SHALL BE LEFT 2E, ARMORED WITH CLASS III RIPRAP ON TYPE 3 FABRIC & A RODENT GUARD INSTALLED. THESE SHALL BE PAID FOR MOR TILES" ON THE BID QUANTITIES. LONAL TILES MAY EXIST THAT ARE NOT ON PLANS. LE REPAIR/REPLACEMENT SHALL BE PAID AS A LUMP SUM ACH PER DETAIL SHOWN.	PROJECT NO. 14-16587 FILE NAME 16587 TITLE-AB DRAWN BY RJA, RAG DESIGNED BY RJA, RAG REVIEWED BY CJB ISSUE DATE -/-/ CLIENT PROJECT NO TITLE
RE INCIDENTAL TO ALL TILE REPAIRS.	DETAILS
	8 OF 31

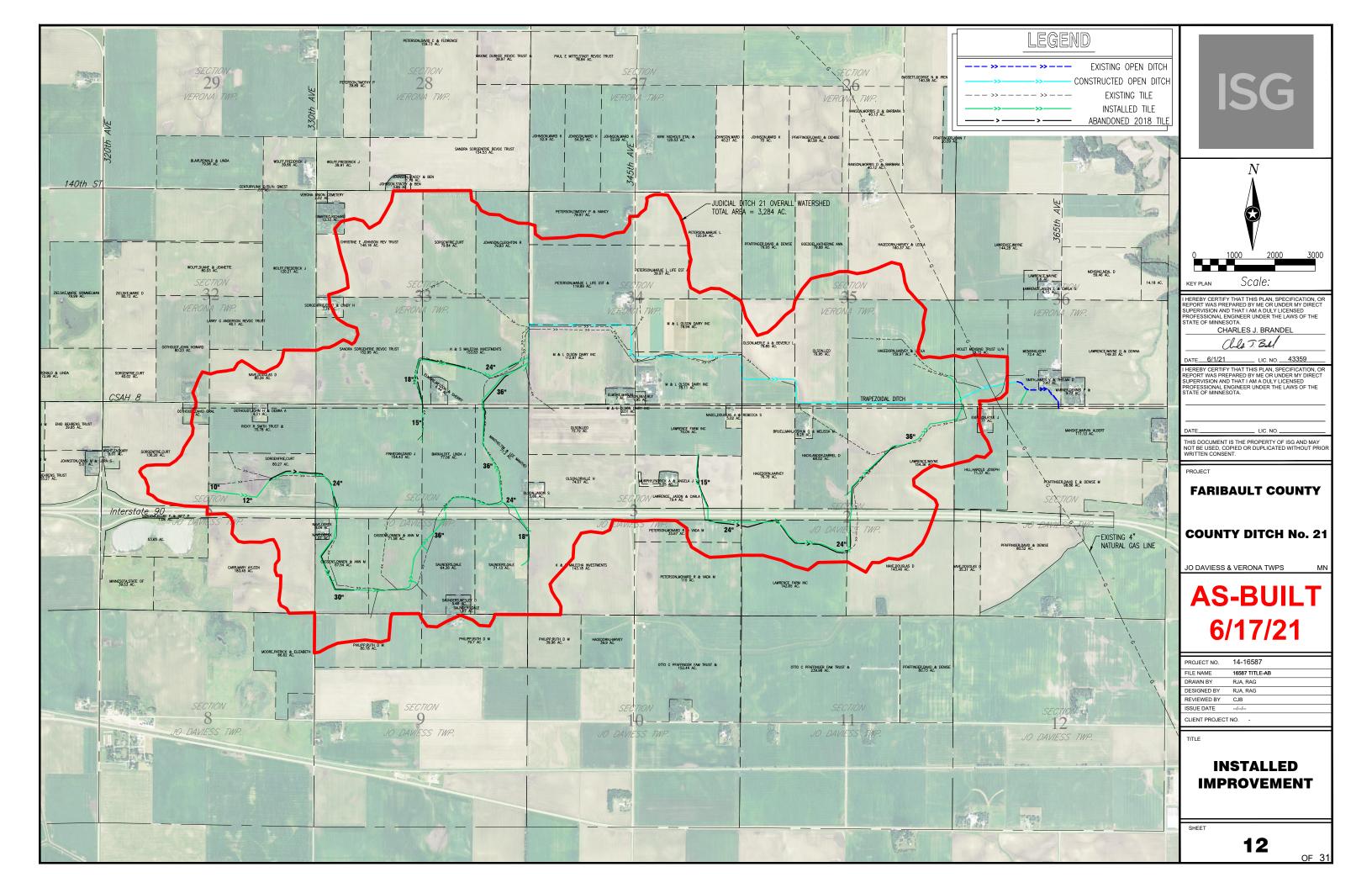


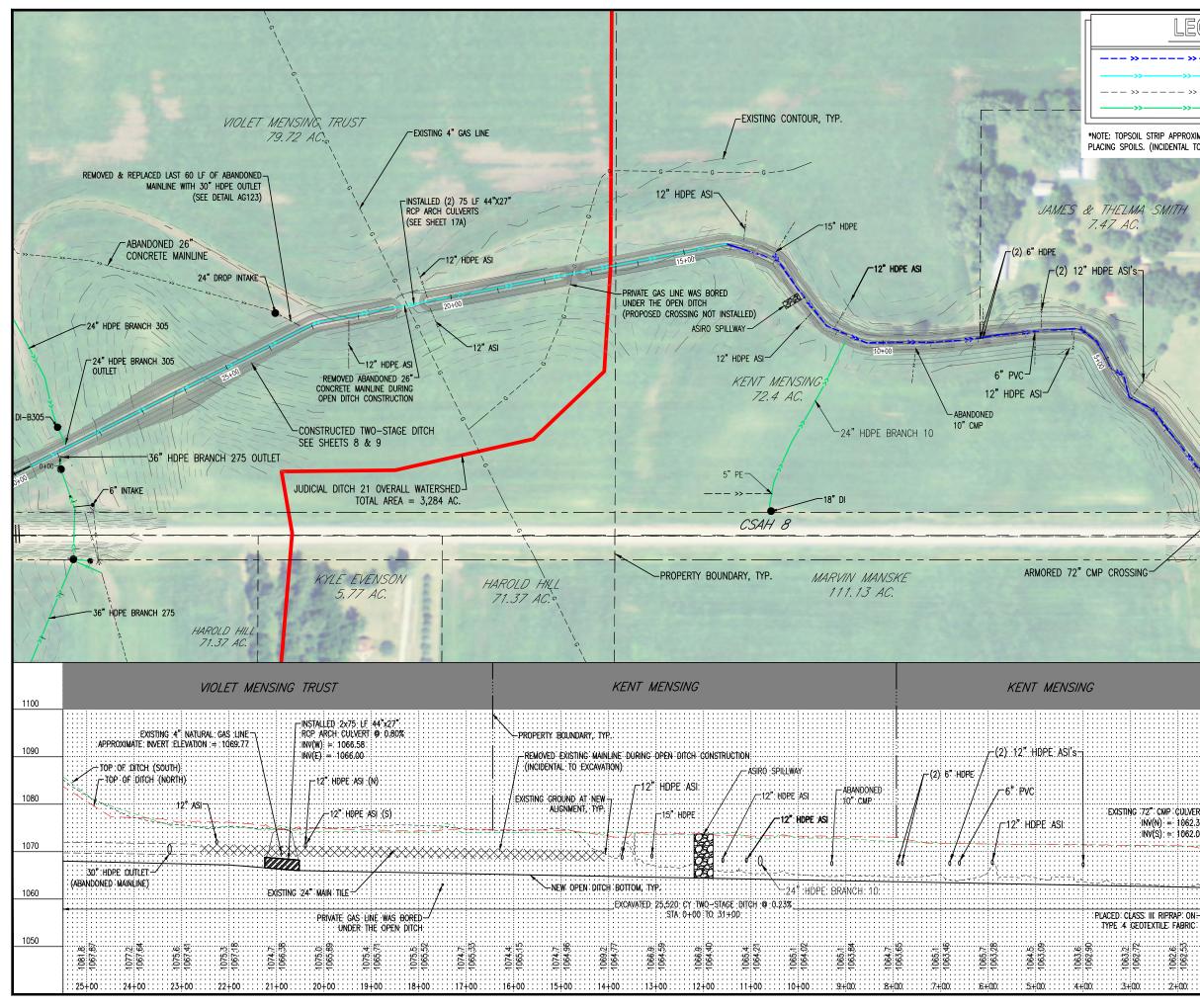
VARY)	
	KEY PLAN
	I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
	CHARLES J. BRANDEL
	DATE 6/1/21 LIC. NO. 43359
	I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
	 DATE LIC. NO
	THIS DOCUMENT IS THE PROPERTY OF ISG AND MAY
	NOT BE USED, COPIED OR DUPLICATED WITHOUT PRIOR WRITTEN CONSENT.
	PROJECT
/IIN.) AREA OF MnDOT CLASS III OM TILE OUTLET TO BOTTOM OF DITCH.	PROJECT FARIBAULT COUNTY COUNTY DITCH No. 21
MIN.) AREA OF MnDOT CLASS III OM TILE OUTLET TO BOTTOM OF DITCH.	PROJECT FARIBAULT COUNTY
MIN.) AREA OF MnDOT CLASS III OM TILE OUTLET TO BOTTOM OF DITCH. RAP ON GEOTEXTILE FABRIC (INCIDENTAL)	WRITTEN CONSENT. PROJECT FARIBAULT COUNTY COUNTY DITCH No. 21 JO DAVIESS & VERONA TWPS MN
MIN.) AREA OF MnDOT CLASS III OM TILE OUTLET TO BOTTOM OF DITCH. RAP ON GEOTEXTILE FABRIC (INCIDENTAL)	PROJECT FARIBAULT COUNTY COUNTY DITCH No. 21 JO DAVIESS & VERONA TWPS MN AS-BUILT
MIN.) AREA OF MNDOT CLASS III OM TILE OUTLET TO BOTTOM OF DITCH. RAP ON GEOTEXTILE FABRIC (INCIDENTAL) GRASS STRIP (16.5) EXISTING GROUND	WRITTEN CONSENT. PROJECT FARIBAULT COUNTY COUNTY DITCH No. 21 JO DAVIESS & VERONA TWPS MN AS-BUILT 6/17/21 PROJECT NO. 14-16587
MIN.) AREA OF MNDOT CLASS III OM TILE OUTLET TO BOTTOM OF DITCH. RAP ON GEOTEXTILE FABRIC (INCIDENTAL) GRASS STRIP (16.5) EXISTING GROUND	VRITTEN CONSENT. PROJECT FARIBAULT COUNTY COUNTY DITCH No. 21 JO DAVIESS & VERONA TWPS MN AS-BUILT 6/17/21 PROJECT NO. 14-16587 FILE NAME 16587 TITLE-AB DRAWN BY RJA, RAG DESIGNED BY RJA, RAG
MIN.) AREA OF MNDOT CLASS III OM TILE OUTLET TO BOTTOM OF DITCH. RAP ON GEOTEXTILE FABRIC (INCIDENTAL) GRASS STRIP (16.5) CEXISTING GROUND CLEAN SLOUGHED MATERIAL FROM DITCH BOTTOM (MATCH EXISTING GRADES)	WRITTEN CONSENT. PROJECT FARIBAULT COUNTY COUNTY DITCH No. 21 JO DAVIESS & VERONA TWPS MN AS-BUILT 6/117/21 PROJECT NO. 14-16587 FILE NAME 16587 TITLE-AB DRAWN BY RJA, RAG REVIEWED BY RJA, RAG REVIEWED BY CJB ISSUE DATE -/-/-
MIN.) AREA OF MnDOT CLASS III COM TILE OUTLET TO BOTTOM OF DITCH. RAP ON GEOTEXTILE FABRIC (INCIDENTAL) GRASS STRIP (16.5) - EXISTING GROUND - CLEAN SLOUGHED MATERIAL FROM DITCH BOTTOM (MATCH EXISTING GRADES)	WRITTEN CONSENT. PROJECT FARIBAULT COUNTY COUNTY DITCH No. 21 JO DAVIESS & VERONA TWPS MN AS-BUILT 6/17/21 PROJECT NO. 14-16587 FILE NAME 16587 TITLE-AB DRAWN BY RJA, RAG DESIGNED BY RJA, RAG REVEWED BY CJB ISSUE DATE/ CLIENT PROJECT NO
E DETAIL	WRITTEN CONSENT. PROJECT FARIBAULT COUNTY COUNTY DITCH No. 21 JO DAVIESS & VERONA TWPS MN ASS-BUILT 6/17/21 PROJECT NO. 14-16587 FILE NAME 16587 TITLE-AB DRAWN BY RJA, RAG REVIEWED BY CJB ISSUE DATE/-/- CLIENT PROJECT NO



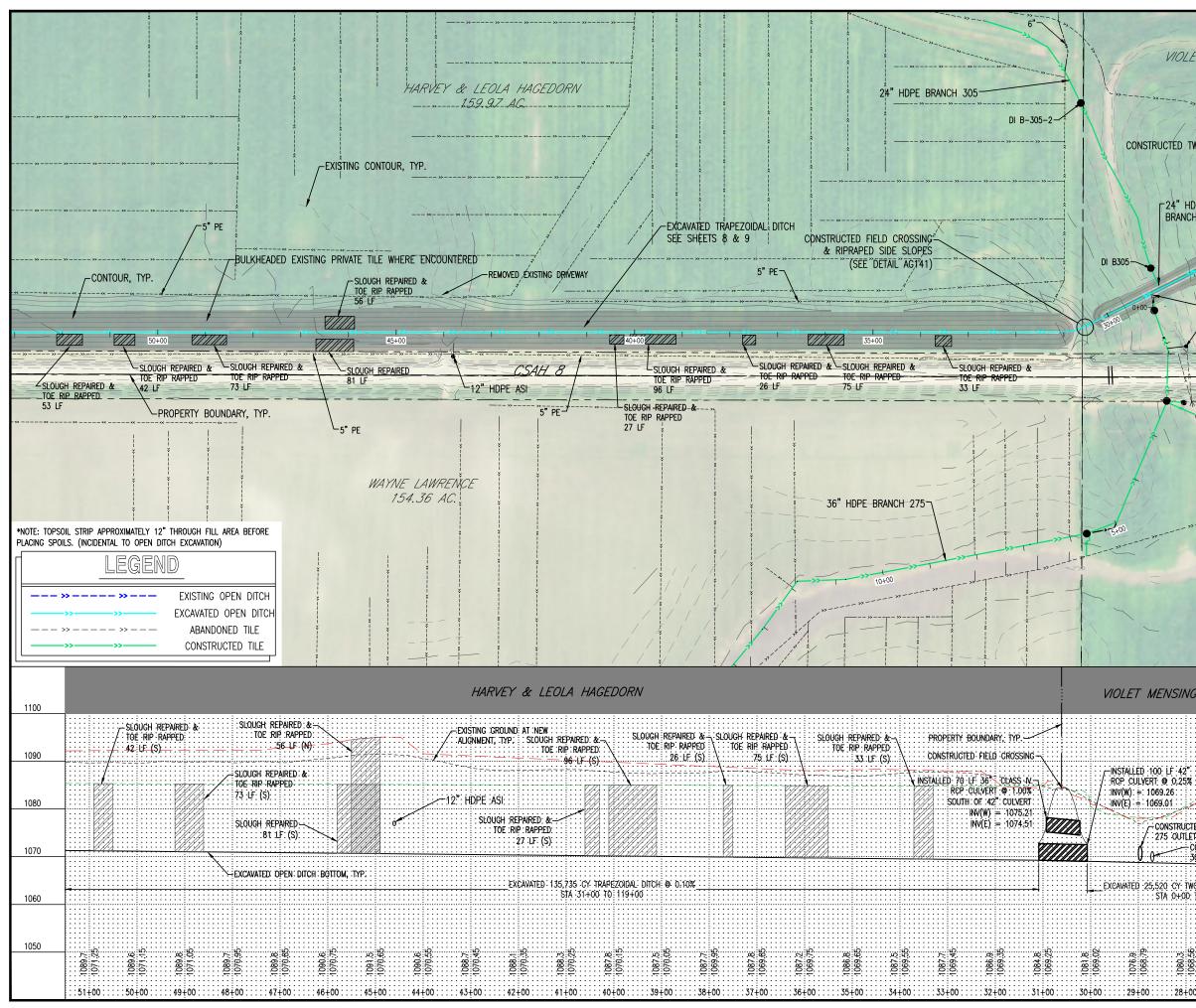
	ISG
NEW OPEN DITCH EASEMENT PRIOR TO RIPPED TOPSOIL ON SIDE SLOPES,	
ACK ONTO DITCH BANKS TO ½ FROM G. ONS. CONTRACTOR SHALL FILL TO	KEY PLAN I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I MA DULY LICENSED
H A TRACTOR/SCRAPER COMBO OR HAUL RESPONSIBILITY OF THE CONTRACTOR TO MOVED TO THAT AREA. FOLLOW NPDES P. PLACEMENT PLAN FOR APPROVAL BY THE	PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. CHARLES J. BRANDEL ULL T. BU DATE 6/1/21 LIC NO. 43359 I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I MA DULY LICENSED
DURING ALL TIMES OF OF SPOIL	PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. DATE LIC. NO
	NOT BE USED, COPIED OR DUPLICATED WITHOUT PRIOR WRITTEN CONSENT. PROJECT FARIBAULT COUNTY COUNTY DITCH No. 21 JO DAVIESS & VERONA TWPS MN ASS-BUILT 6/117/21 PROJECT NO. 14-16587 FILE NAME 16587 TITLE-AB DRAWN BY RJA, RAG DESIGNED BY RJA, RAG REVIEWED BY CJB ISSUE DATE//- CLIENT PROJECT NO
	SHEET 10
	OF 31



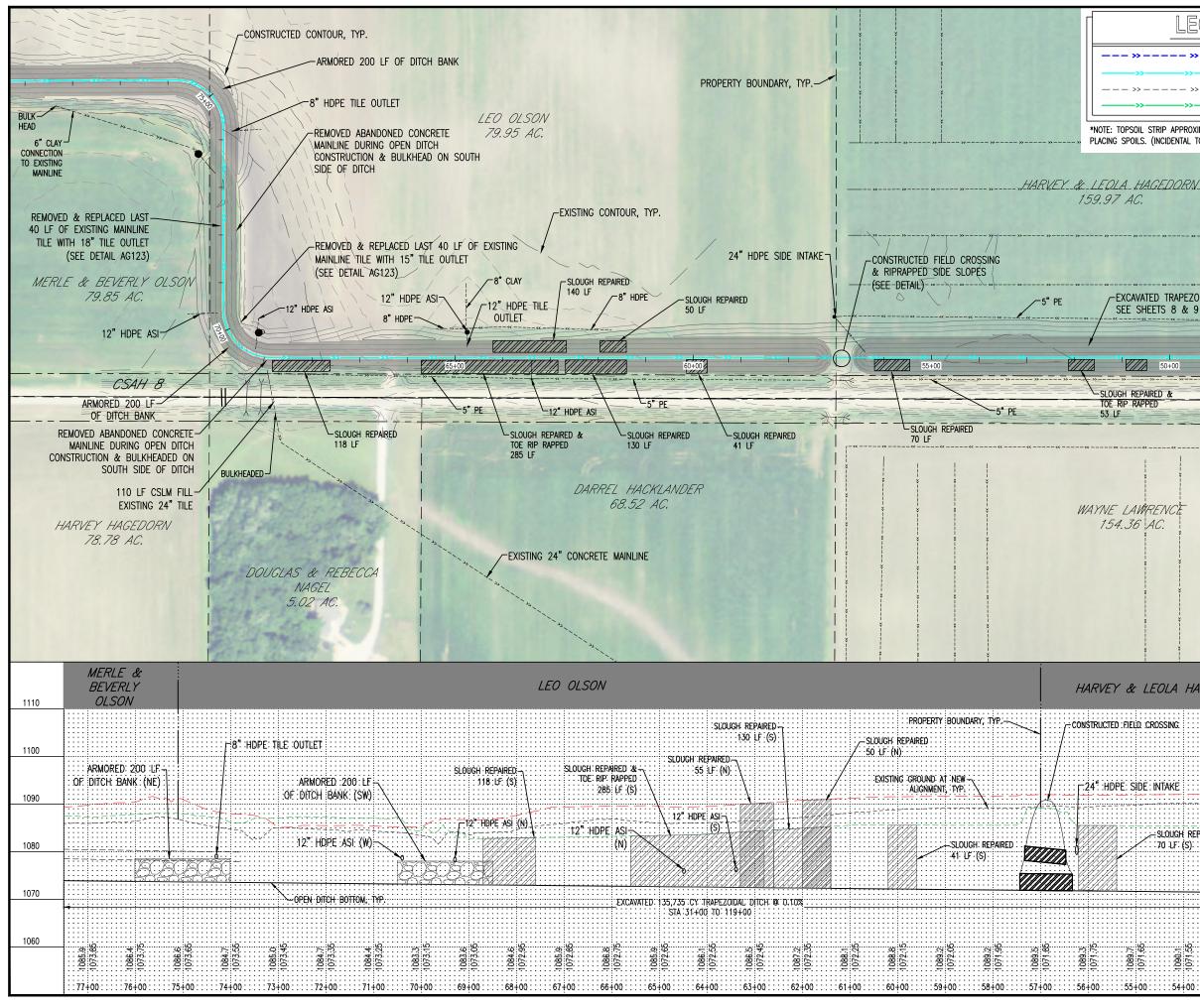




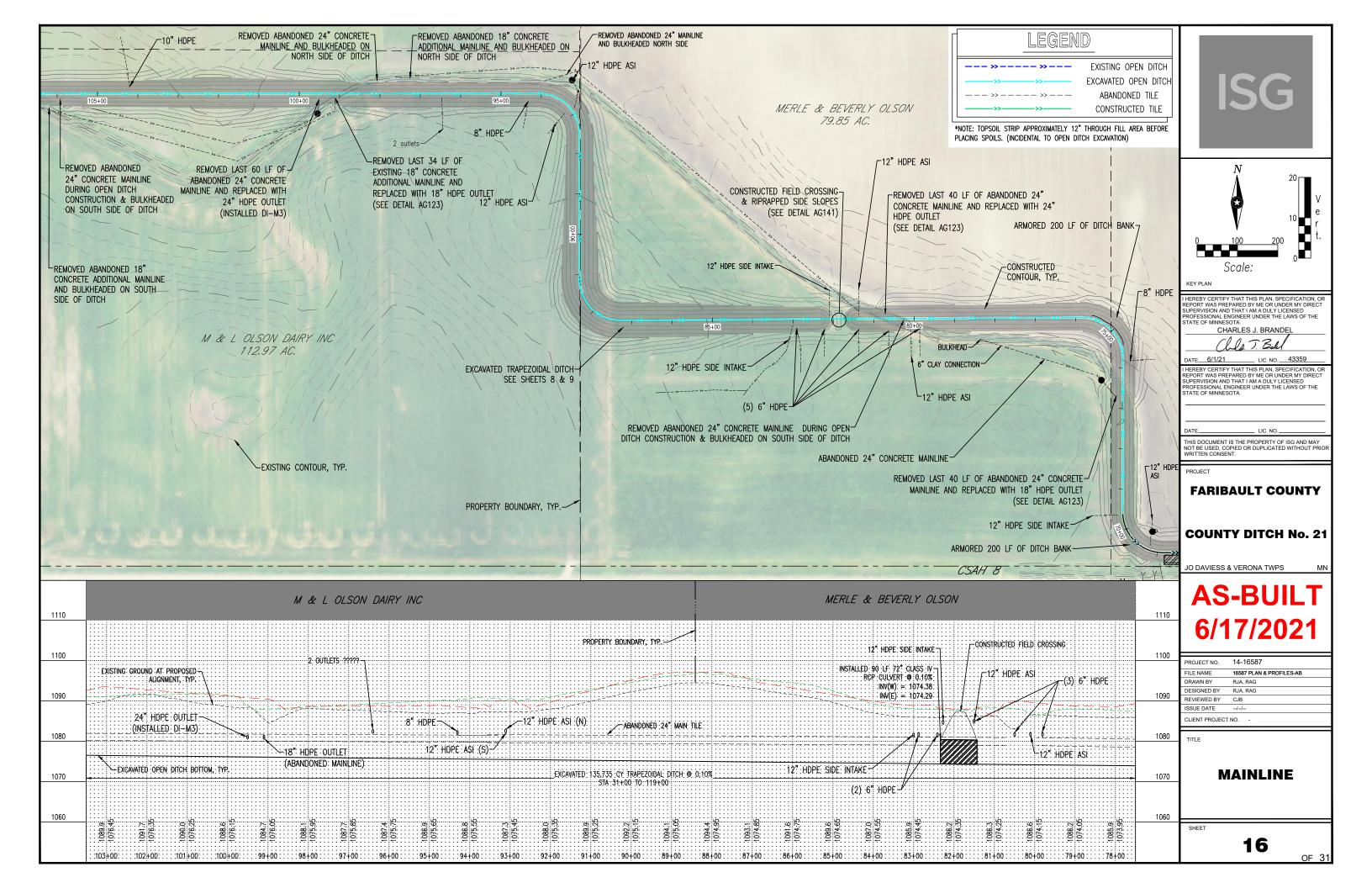
EGEND ___ »____ »____ EXISTING OPEN DITCH ISG EXCAVATED OPEN DITCH ABANDONED TILE CONSTRUCTED TILE *NOTE: TOPSOIL STRIP APPROXIMATELY 12" THROUGH FILL AREA BEFORE PLACING SPOILS. (INCIDENTAL TO OPEN DITCH EXCAVATION) 10,144-000 20 r Scale: DENNIS WARNER HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPPREVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. 9.77 AC CHARLES J. BRANDEL Child J. Boly DATE 6/1/21 __ LIC. NO. ____43359 I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. LIC: NO. THIS DOCUMENT IS THE PROPERTY OF ISG AND MAY NOT BE USED, COPIED OR DUPLICATED WITHOUT PRIO WRITTEN CONSENT. PROJECT **FARIBAULT COUNTY COUNTY DITCH No. 21** JO DAVIESS & VERONA TWPS MN **AS-BUILT** CSAH 8 1100 h 1090 PROJECT NO. 14-16587 FILE NAME 16587 PLAN & PROFILES-AB RAWN BY RJA, RAG DESIGNED BY RJA, RAG 1080 REVIEWED BY CJB EXISTING 72" CMP CULVERT -SSUE DATE --/--/--INV(N) = 1062.32 CLIENT PROJECT NO. :INV(S): =: 1062.07 1070 TITLE MAINLINE 1060 1050 SHEET 062 062 062 13 :1:+:0:0: :0:+:0:0: : :2+:00: : OF 31

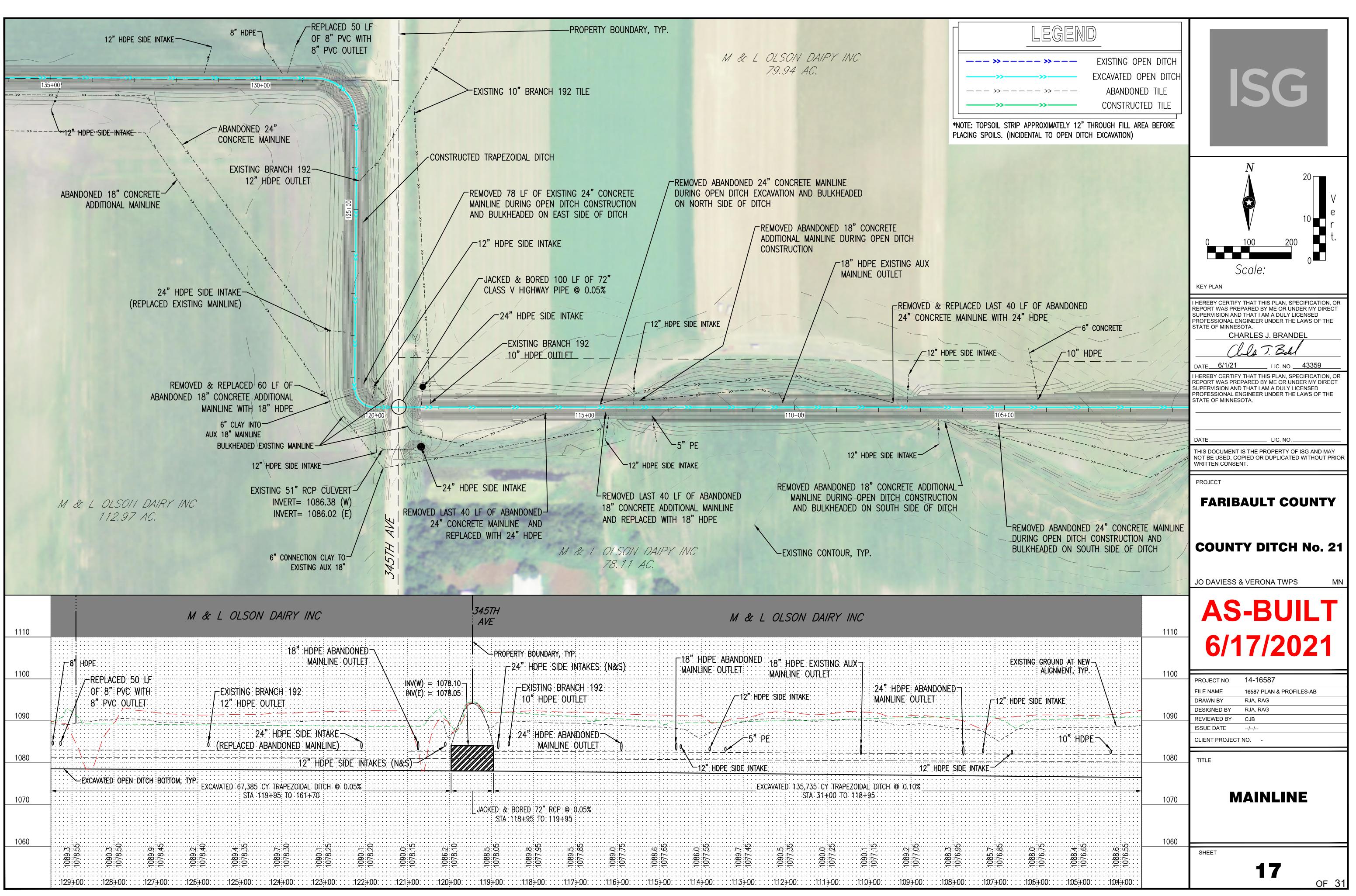


VIOLET MENSING TRUST 79.72 AC. ISG CONSTRUCTED TWO-STAGE DITCH-20 r 24" HDPE BRANCH 305 OUTLET Scale: 36" HDPE BRANCH 275/OUTLET I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. " INTAKE CHARLES J. BRANDEL Child J. Boly ____ LIC. NO. ______43359 DATE 6/1/21 I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. LIC NO. THIS DOCUMENT IS THE PROPERTY OF ISG AND MAY NOT BE USED, COPIED OR DUPLICATED WITHOUT PRIO WRITTEN CONSENT. ABANDONED 26" BRANCH 275 PROJECT **FARIBAULT COUNTY** HAROLD HILL 71.37 AC. **COUNTY DITCH No. 21** JO DAVIESS & VERONA TWPS MN **AS-BUILT** VIOLET MENSING TRUST 1100 /17/202[·] h 1090 PROJECT NO. 14-16587 FILE NAME 16587 PLAN & PROFILES-AB RAWN BY RJA, RAG DESIGNED BY RJA, RAG 1080 REVIEWED BY CJB SSUE DATE --/--/---CONSTRUCTED BRANCH LIENT PROJECT NO. 275 OUTLET - CONSTRUCTED BRANCH 1070 TITLE 305 OUTLET EXCAVATED 25,520 CY TWO-STAGE DITCH @ 0.23% MAINLINE : STA 0+00: TO: 31+00 1060 1050 SHEET 086. 089. 080 14 :28+00: :27+00: :26÷00 OF 31

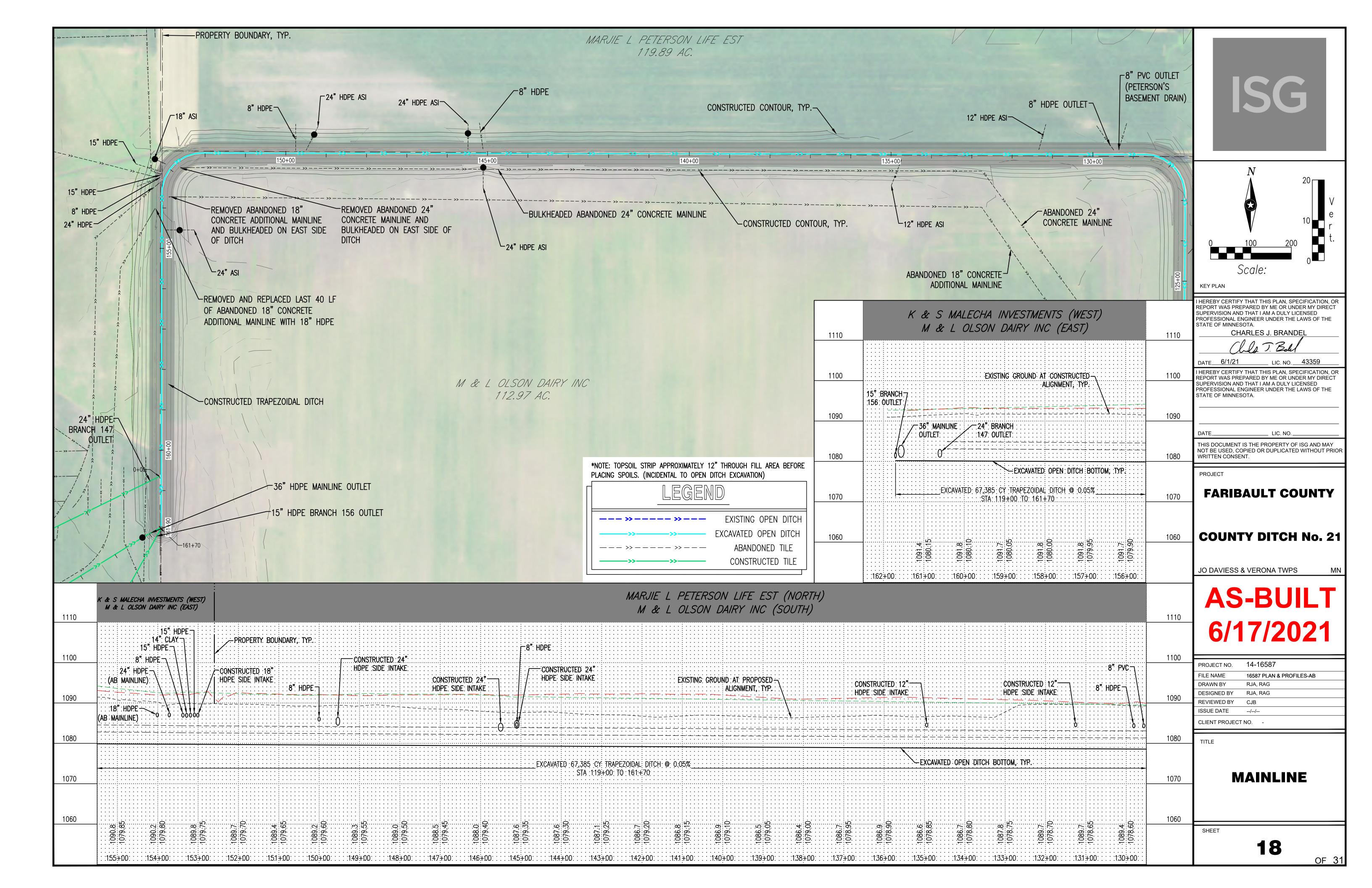


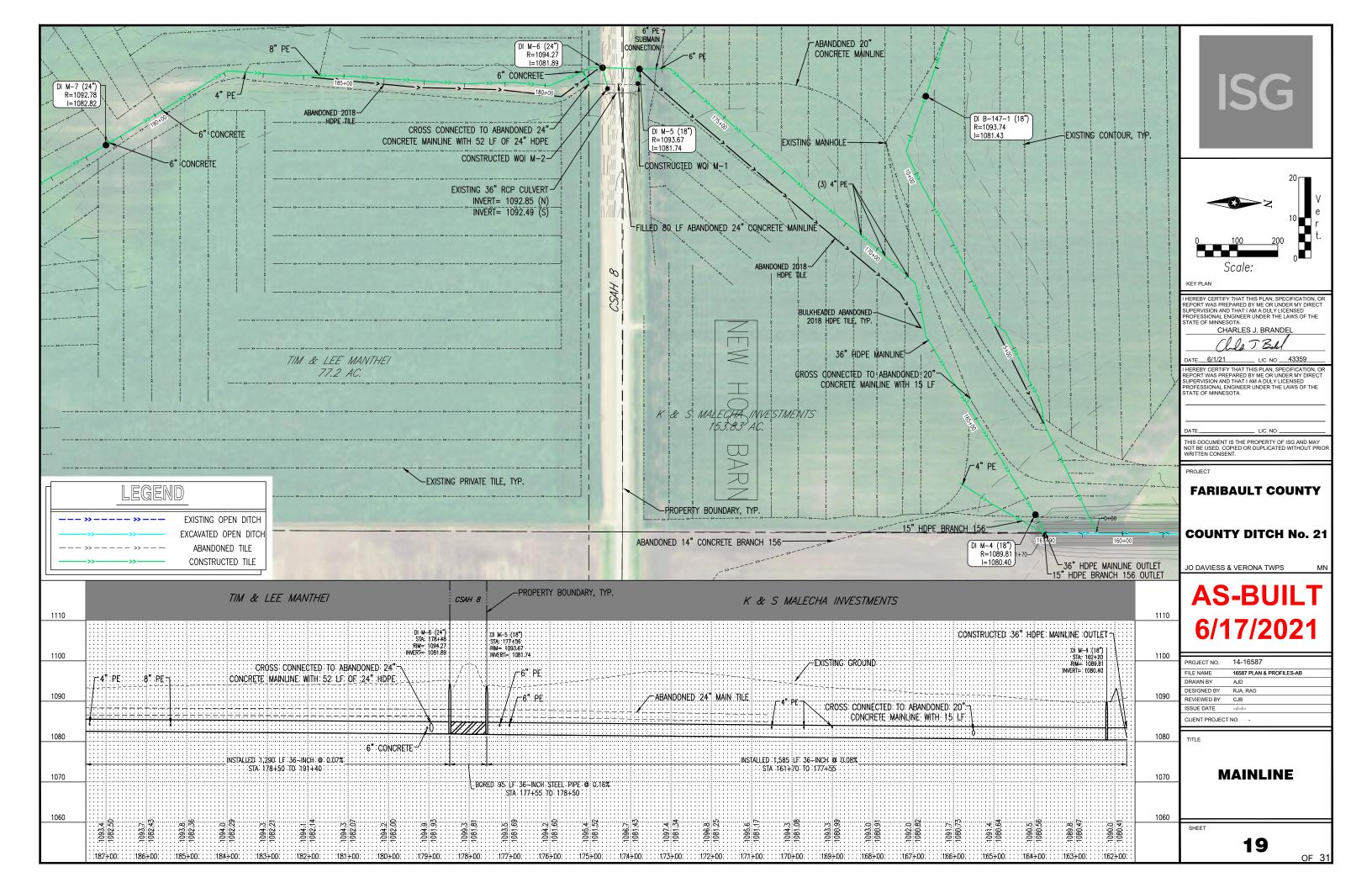
LEGEND ___ »____ » ____ EXISTING OPEN DITCH EXCAVATED OPEN DITCH ISG ABANDONED TILE ___ >> __ -CONSTRUCTED TILE *NOTE: TOPSOIL STRIP APPROXIMATELY 12" THROUGH FILL AREA BEFORE PLACING SPOILS. (INCIDENTAL TO OPEN DITCH EXCAVATION) 20 r Scale: -EXCAVATED TRAPEZOIDAL DITCH SEE SHEETS 8 & 9 I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. 50+00 1////// CHARLES J. BRANDEL Child J. Boly DATE 6/1/21 LIC. NO. 43359 I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. DATE LIC NO. THIS DOCUMENT IS THE PROPERTY OF ISG AND MAY NOT BE USED, COPIED OR DUPLICATED WITHOUT PRIO WRITTEN CONSENT. PROJECT **FARIBAULT COUNTY COUNTY DITCH No. 21** JO DAVIESS & VERONA TWPS MN **AS-BUILT** HARVEY & LEOLA HAGEDORN 1110 h 1100 SLOUGH REPAIRED &-PROJECT NO. 14-16587 TOE RIP RAPPED FILE NAME 16587 PLAN & PROFILES-AB :53 :LF: (S): RAWN BY RJA, RAG DESIGNED BY RJA, RAG 1090 REVIEWED BY CJB SSUE DATE --/--/--CLIENT PROJECT NO. -SLOUGH REPAIRED : :70 LF: (S): : 1080 TITLE MAINLINE 1070 1060 SHEET 000 000 15 :54+00: :53+00: :52+00 OF 3

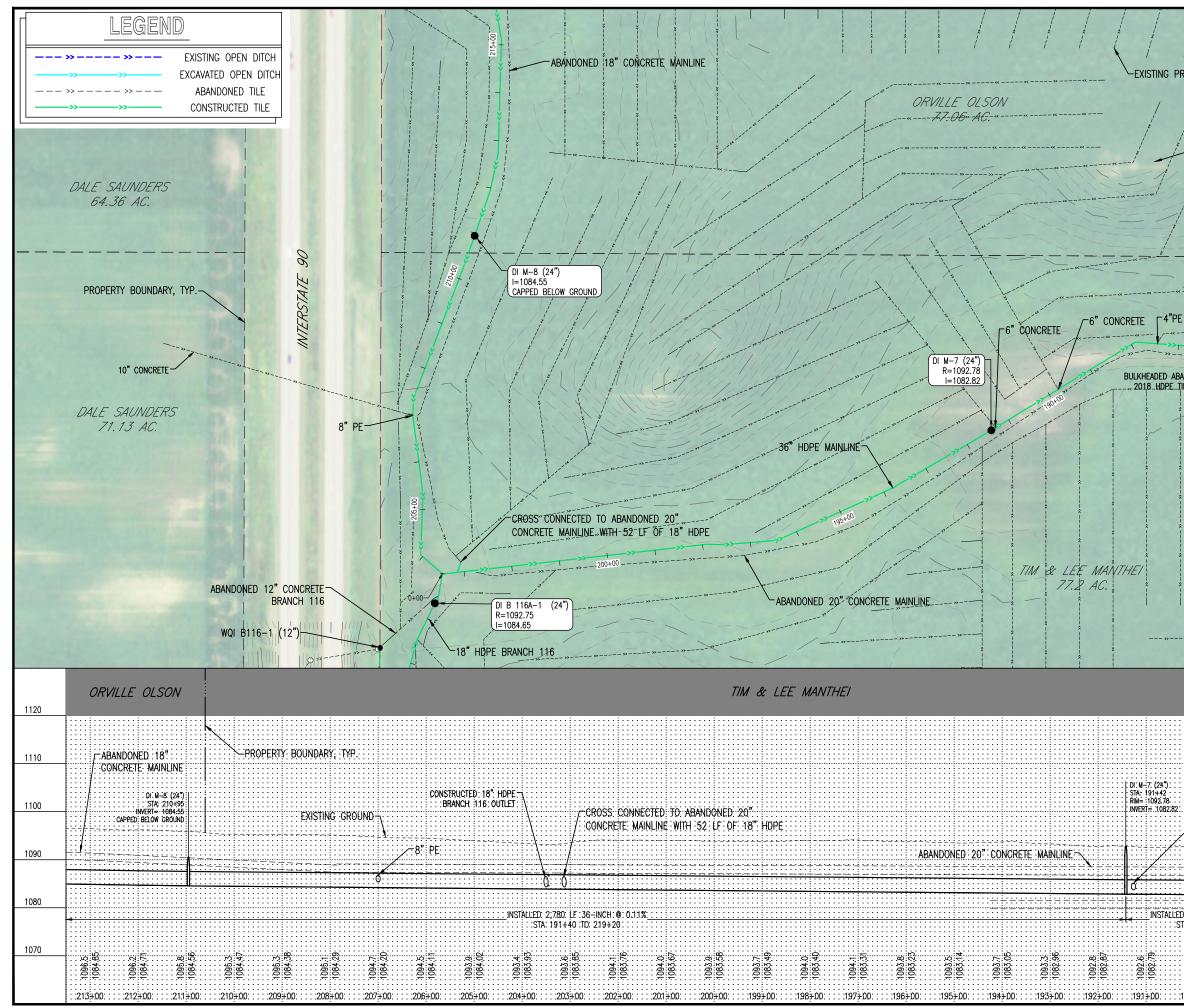




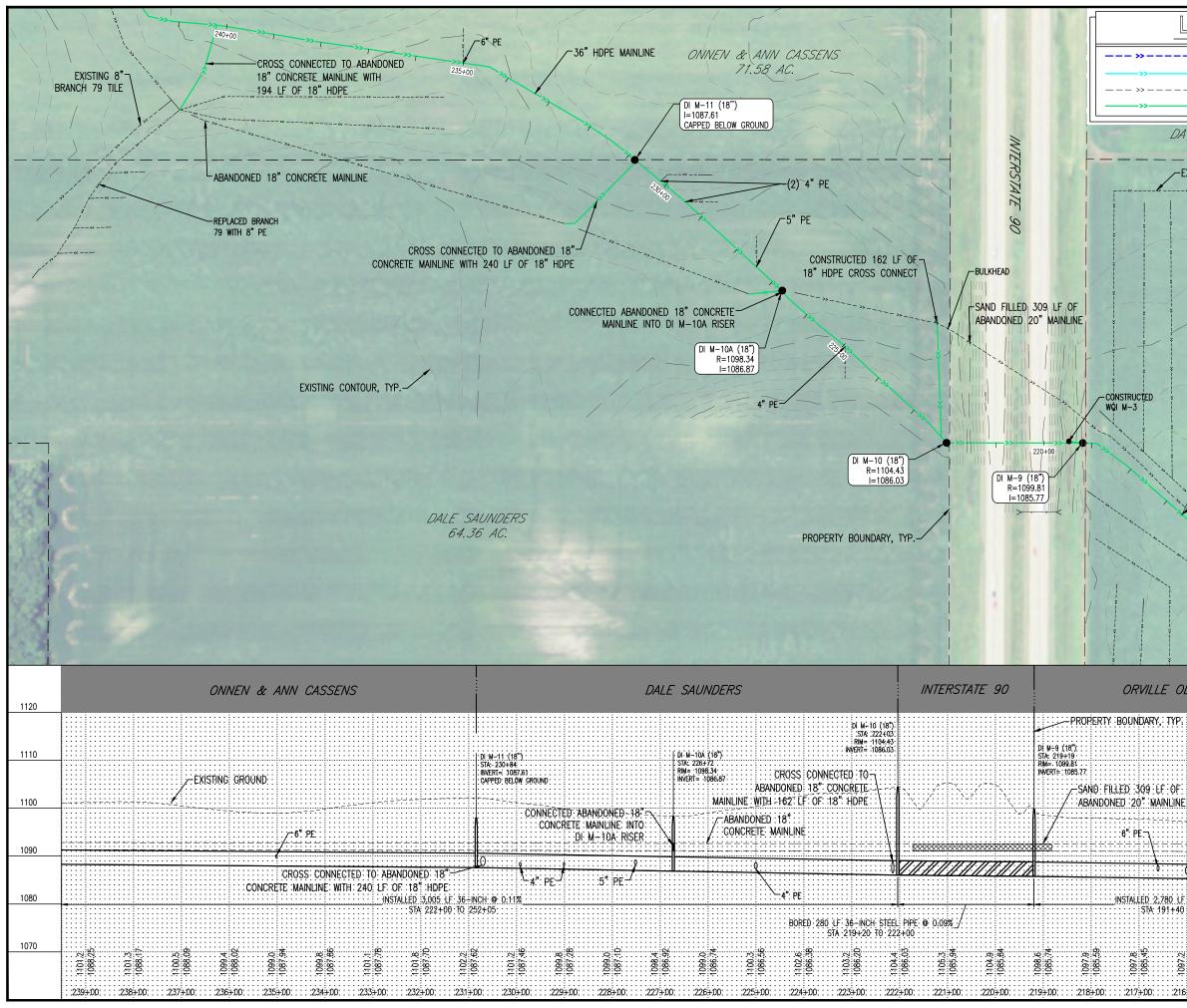
•••••••	RTY BOUNDARY, TYP 24" HDPE SIDE INTAKES	S: <u>(</u> N&S)	⊓1:8" HDF MAINLINE	E : ABANDONED : OUTLET	1.8". HDPE: EXIS MAINLINE: OUTL	STING: AUX			
	EXISTING BRANCH 19)2		/12" HDPE	Side intake:	• •	"Hdpe. Abai Nnline Outle	•	[12
	24" HDPE: ABANDONED MAINLINE: OUTLET			5" PE					
			<u>1</u> :2"	HDPE SIDE INTAKE EXCA	WATED: 135,735 (CY TRAPEZOIDAL DIT		' HDPE SIDE IN	NTAKE
	BORED 72" RCP @ 0.05% 18+95 TO 119+95				STA 31	+00 TO 118+95			
1088.5 1078.05	1089.8 1077.95 1077.85	»Q:Ի	1077.65 1086.0 1077.55	1089.7	1090.5		1077.05	1076.95	1085.7 1076.85
:::1:19+00:::		: :1:16+00: : : : :1:1	5+00:::::1:1:4+00): : : :1:13+00: : : :	:1:12+00: : : : :1:1	1+00:::::1:10+00:	::::109+00::	:::108+00::	: :107+0



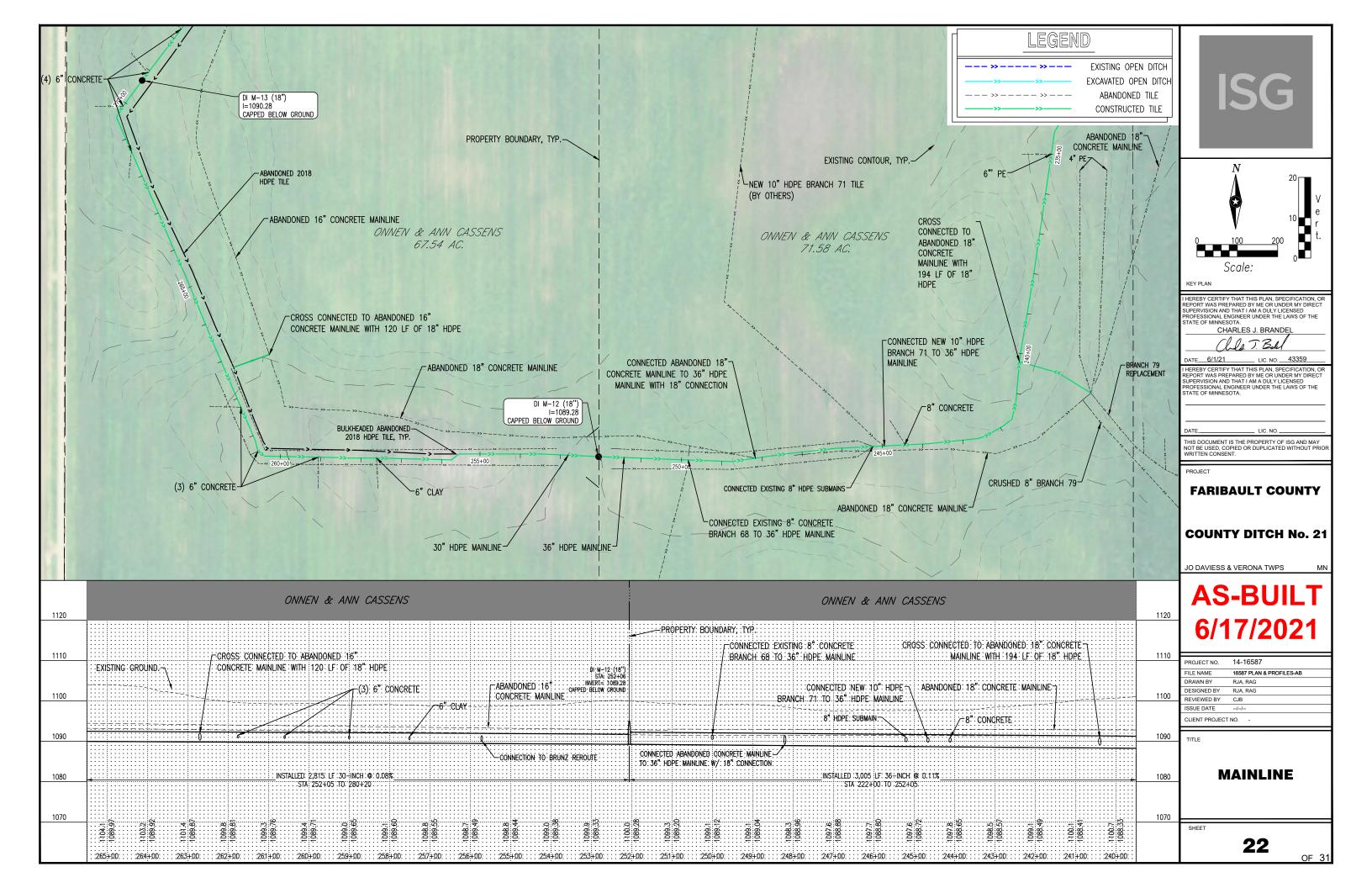


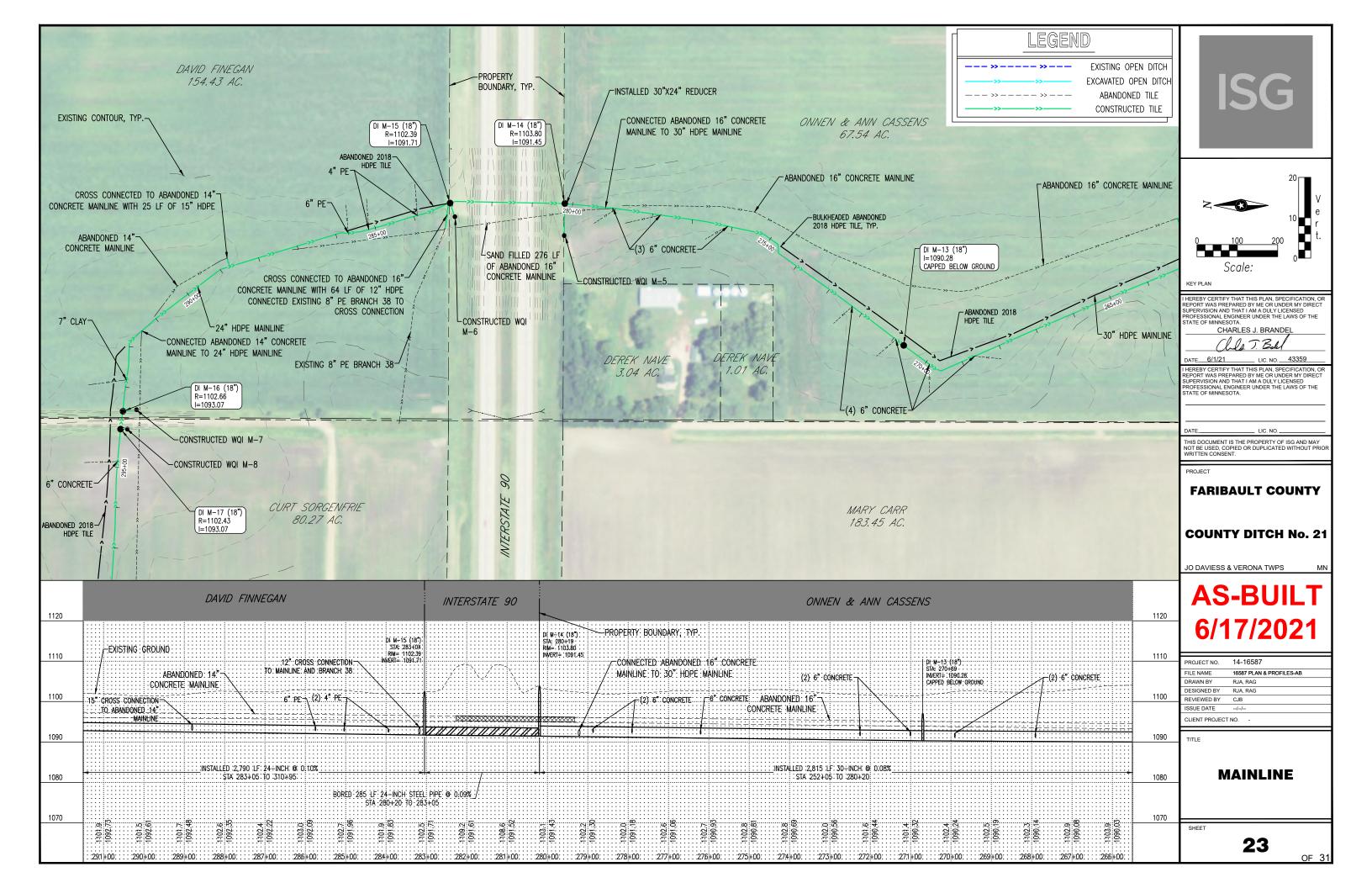


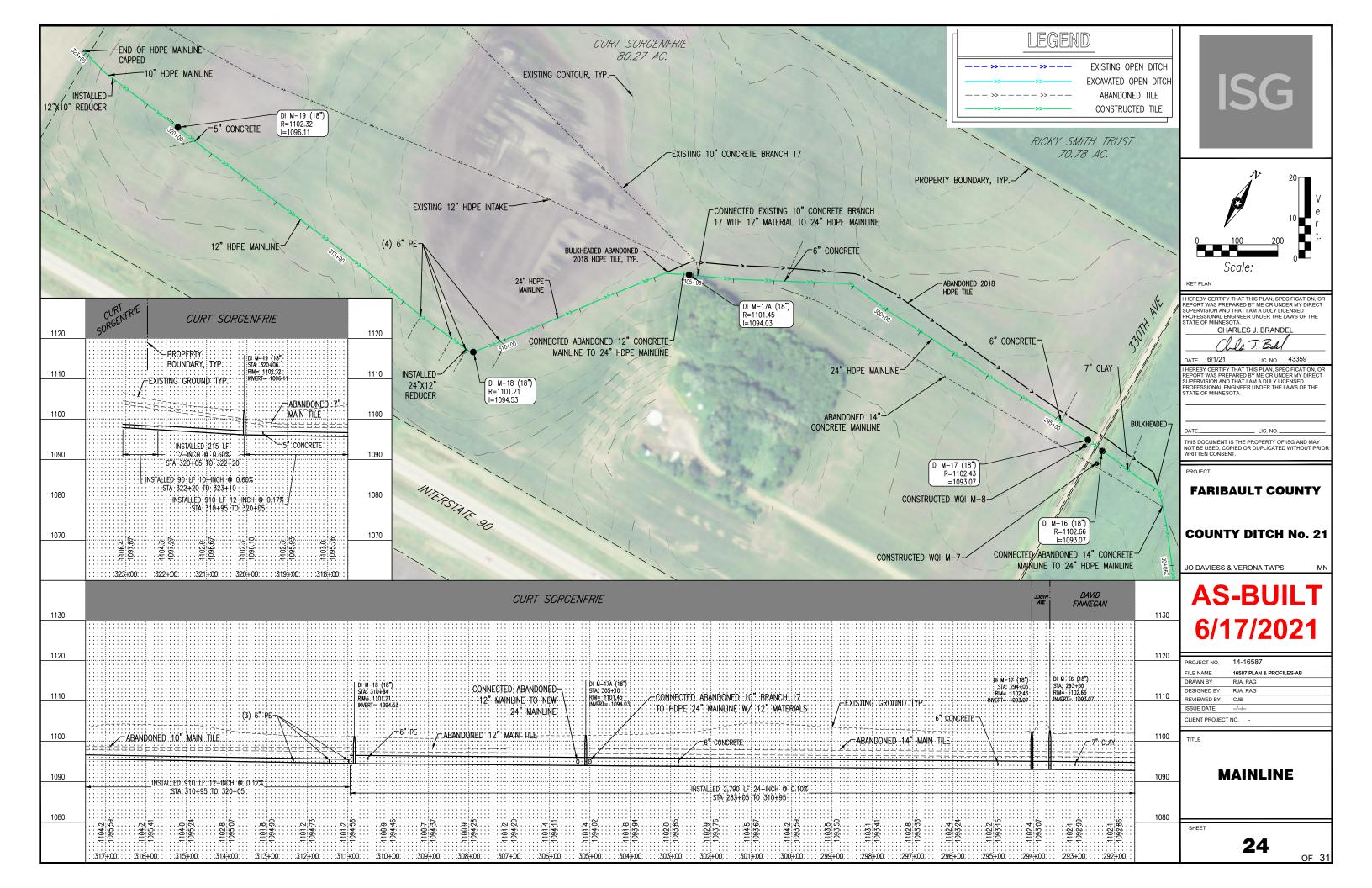
ISG -EXISTING PRIVATE TILE EXISTING CONTOUR, TYP. Scale: KEY PI AN 8" PE HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. CHARLES J. BRANDEL BULKHEADED ABANDONED-Child J. Boly « 2018_HDPE_TILE, TYP. ABANDONED 2018-HDPE TILE LIC. NO. 43359 DATE 6/1/21 I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. DATE LIC NO. THIS DOCUMENT IS THE PROPERTY OF ISG AND MAY NOT BE USED, COPIED OR DUPLICATED WITHOUT PRIO WRITTEN CONSENT. PROJECT **FARIBAULT COUNTY COUNTY DITCH No. 21** JO DAVIESS & VERONA TWPS M٨ **AS-BUILT** 1120 6/17/202² 1110 PROJECT NO. 14-16587 16587 PLAN & PROFILES-AB FILE NAME RAWN BY RJA, RAG DESIGNED BY RJA, RAG 1100 REVIEWED BY CJB 6" CONCRETE SSUE DATE --/--/--LIENT PROJECT NO. 1090 TITLE _____ .Ö..... MAINLINE 1080 ----INSTALLED: 1,290: LF : 36-INCH : @: 0.07%: : :STA: 178+50 :TD: 191+40 : 1070 1093.3 8[:]... 1:00 SHEET 092. 0.65 20 :190+00: : 188+00 : :189:+00: OF 31

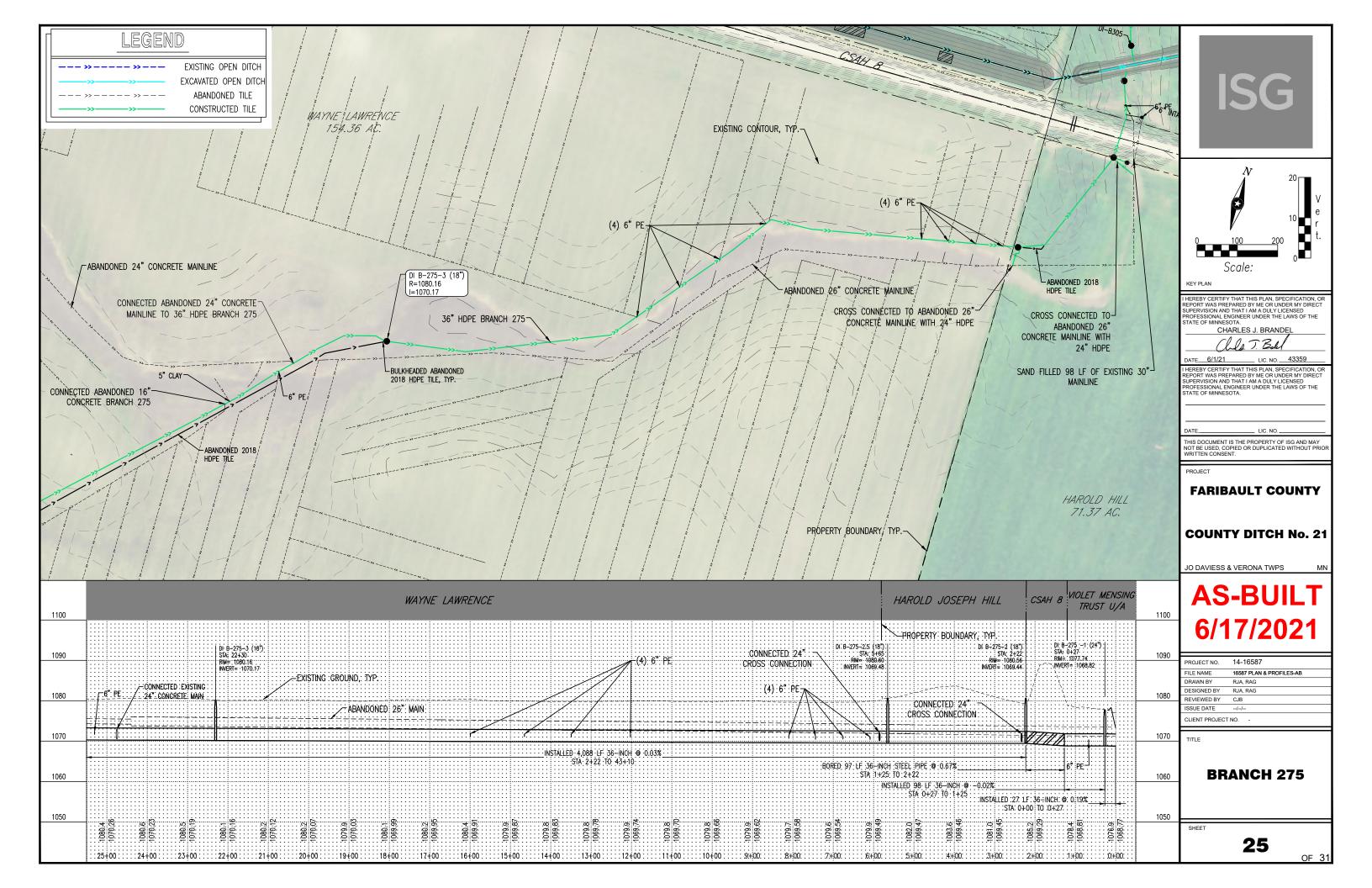


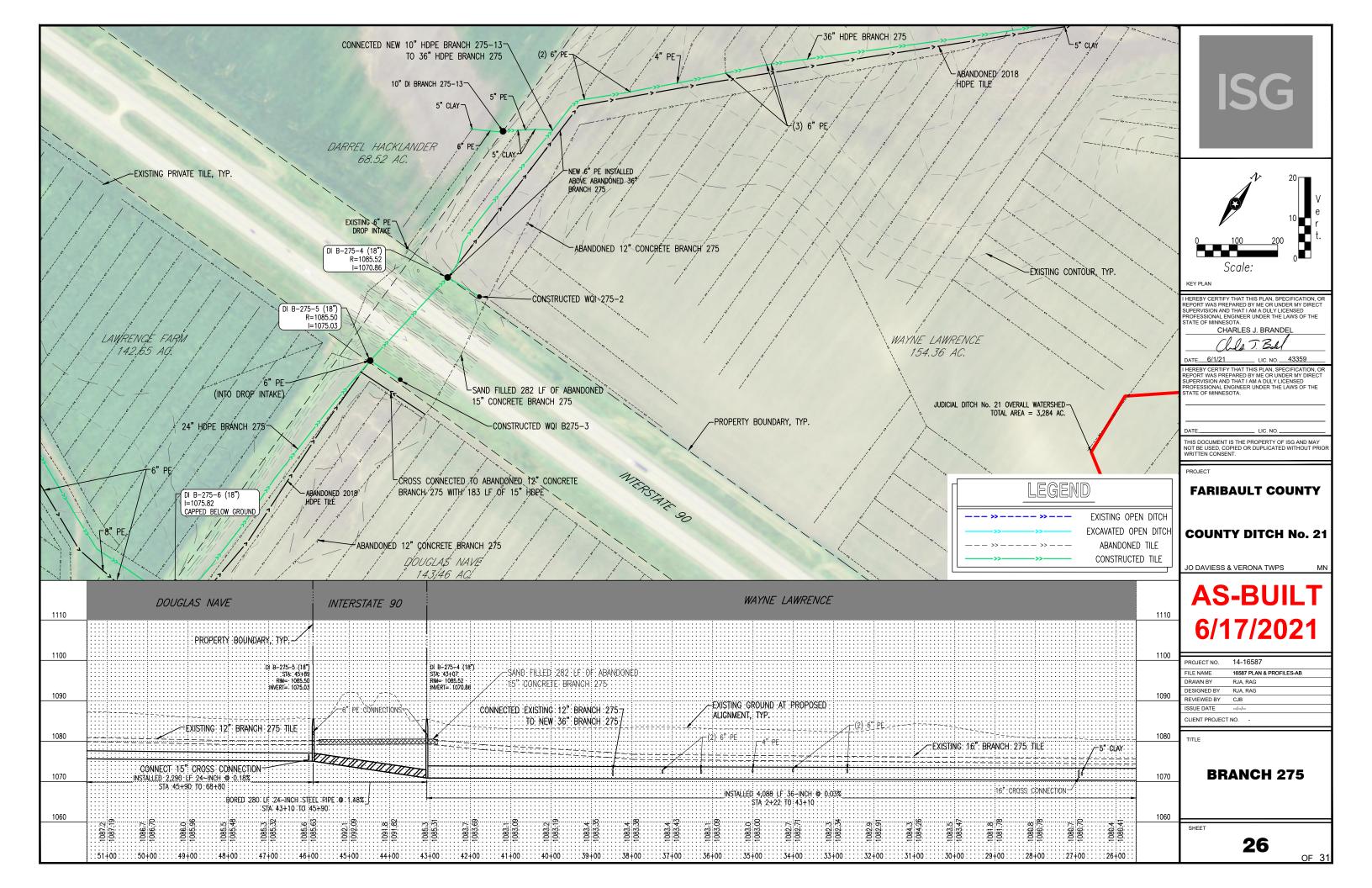
.EGEND ---»----»---EXISTING OPEN DITCH EXCAVATED OPEN DITCH ISG ABANDONED TILE ____ >> ___ CONSTRUCTED TILE DAVID FINNEGAN 154.43 AC. -EXISTING PRIVATE TILE ORVILLE OLSON 77.06 AC. Scale: I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. CHARLES J. BRANDEL Child J. Boly LIC. NO. 43359 DATE 6/1/21 I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. LIC NO. 6" PE DATE THIS DOCUMENT IS THE PROPERTY OF ISG AND MAY NOT BE USED, COPIED OR DUPLICATED WITHOUT PRIO WRITTEN CONSENT. PROJECT -12" CLAY **FARIBAULT COUNTY COUNTY DITCH No. 21** JO DAVIESS & VERONA TWPS MN **AS-BUILT** ORVILLE OLSON 1120 h 1110 PROJECT NO. 14-16587 FILE NAME 16587 PLAN & PROFILES-AB RAWN BY RJA, RAG DESIGNED BY RJA, RAG 1100 REVIEWED BY CJB SSUE DATE --/--/--CLIENT PROJECT NO. -12" CLAY 1090 TITLE MAINLINE 1080 INSTALLED 2,780 LF 36-INCH @ 0.11% STA: 191+40 TO: 219+20: 1070 SHEET 097. 096. 21 : :217+00: : : :216+00: : : : :215+00: : 214+00: OF 31

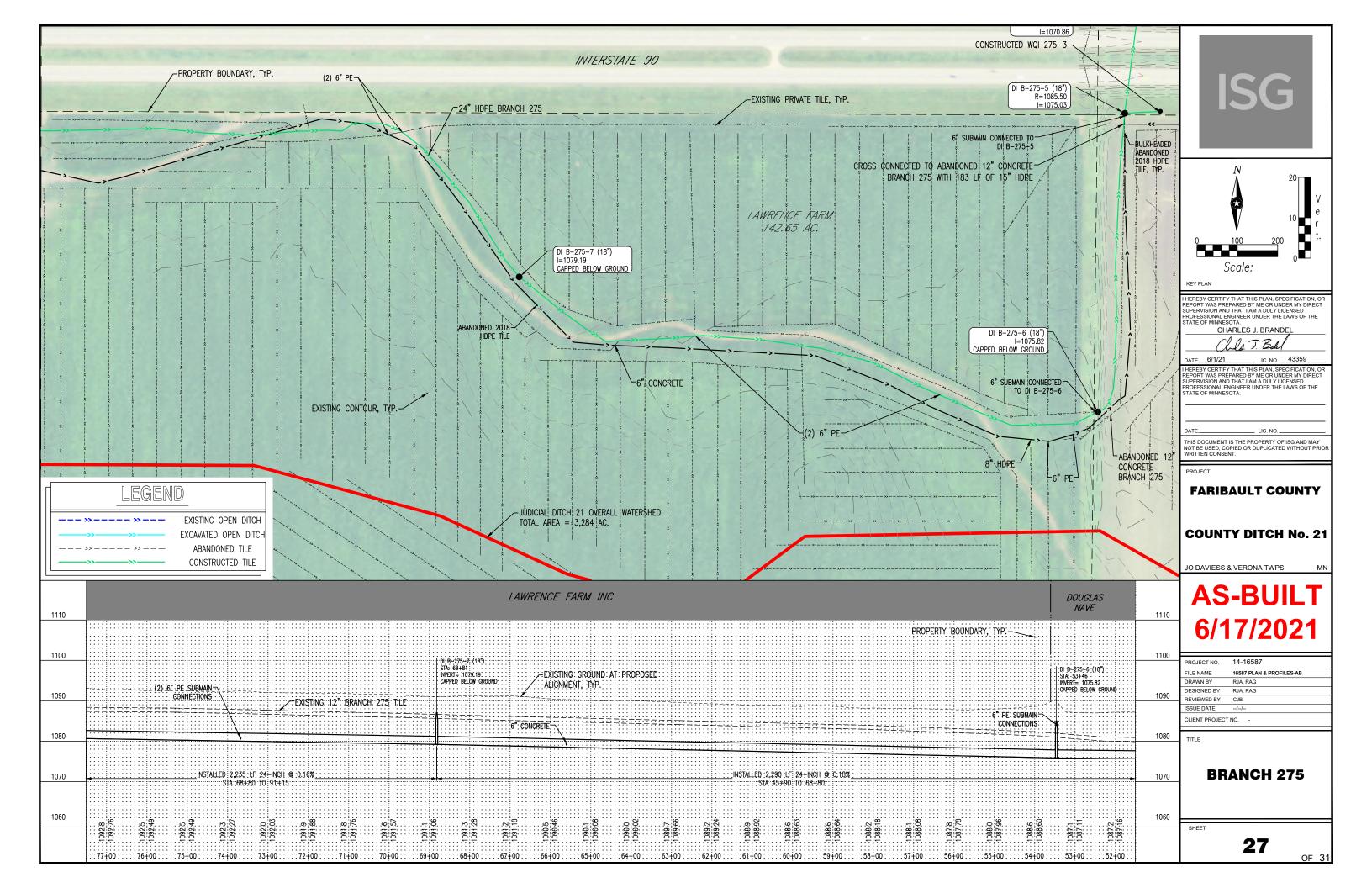


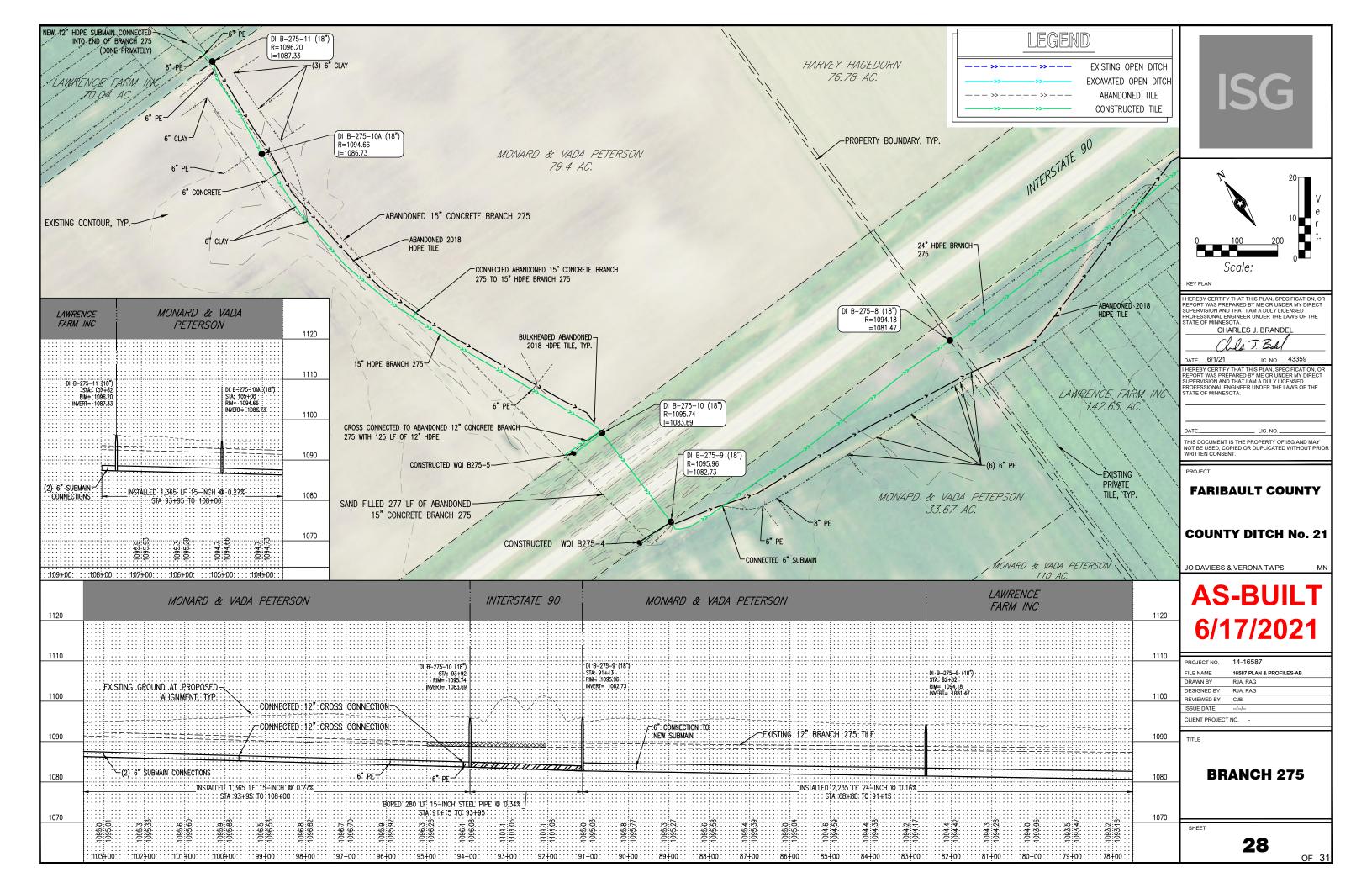


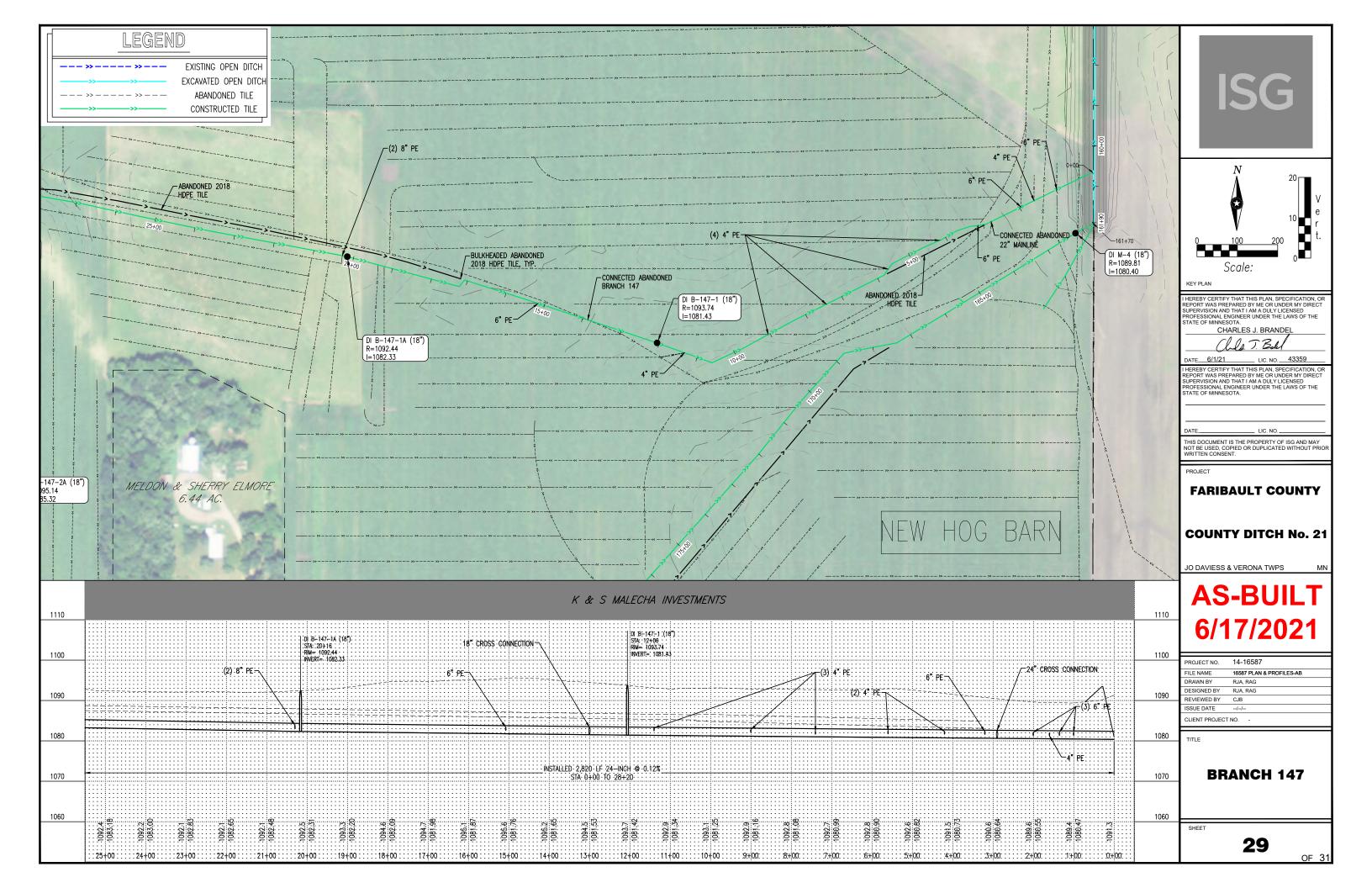


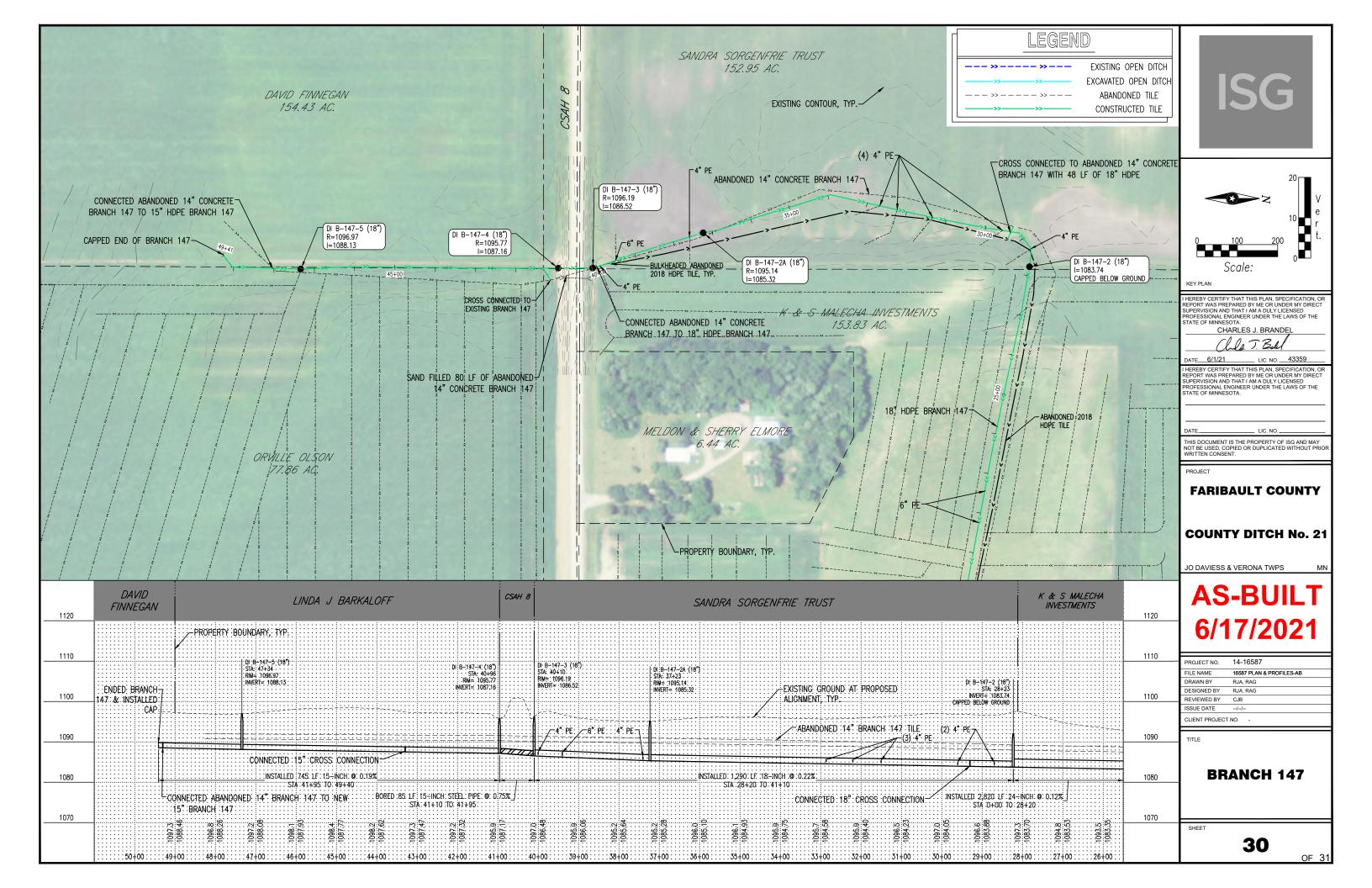


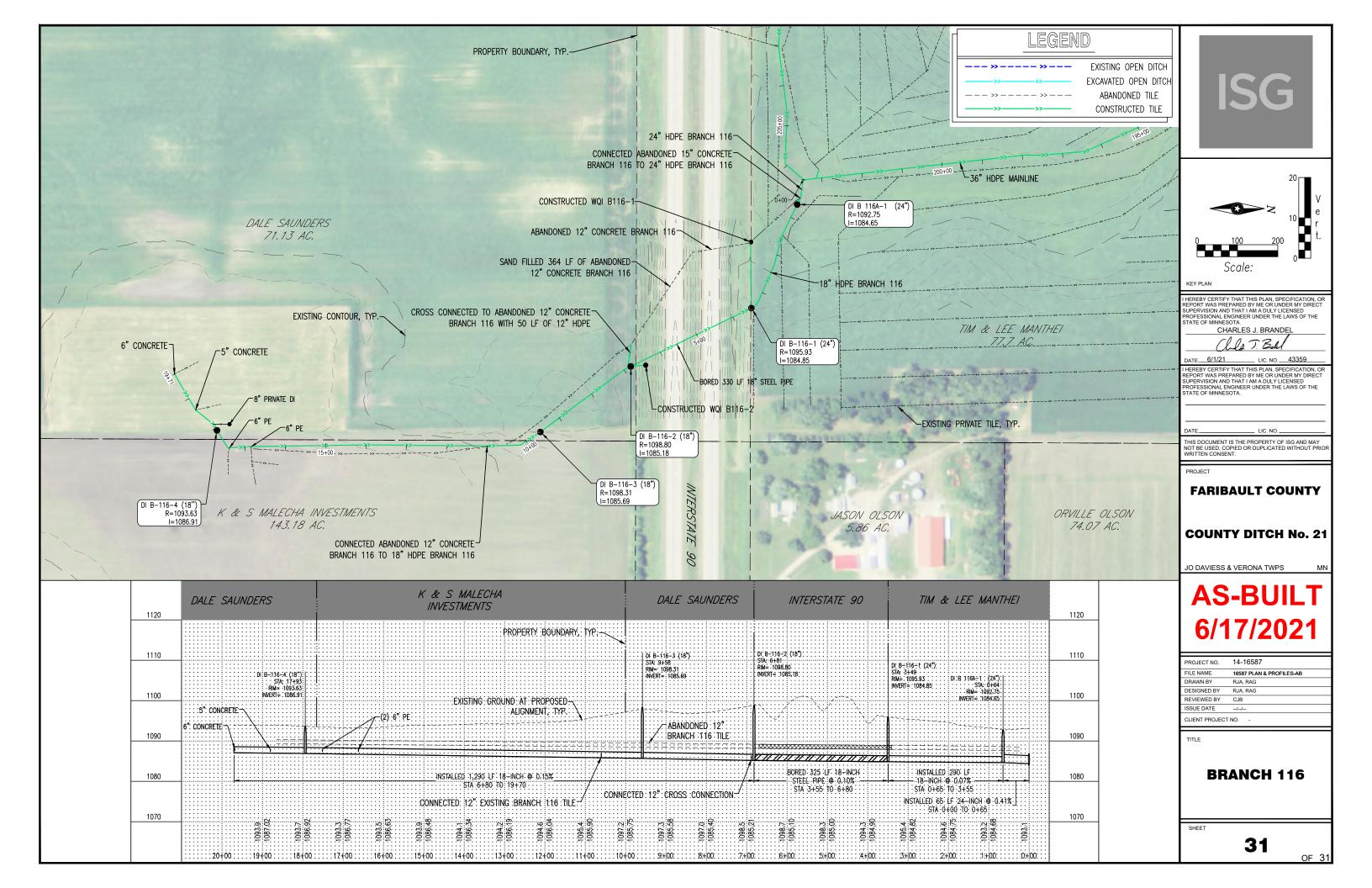








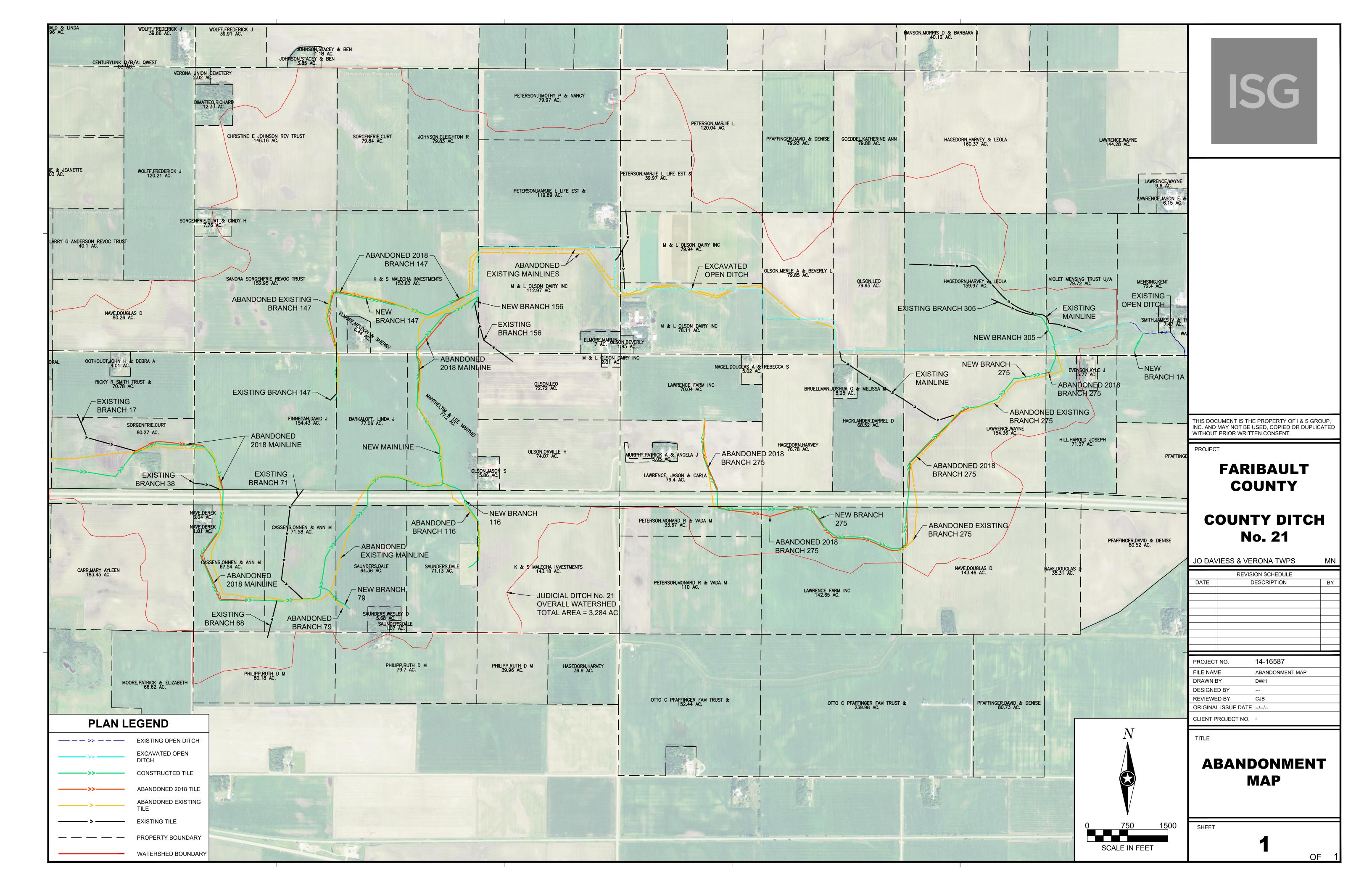




APPENDIX B: Abandonment Map

Faribault County Ditch No. 21 – Open Ditch & Tile Repair Bid PackagesAppendix B

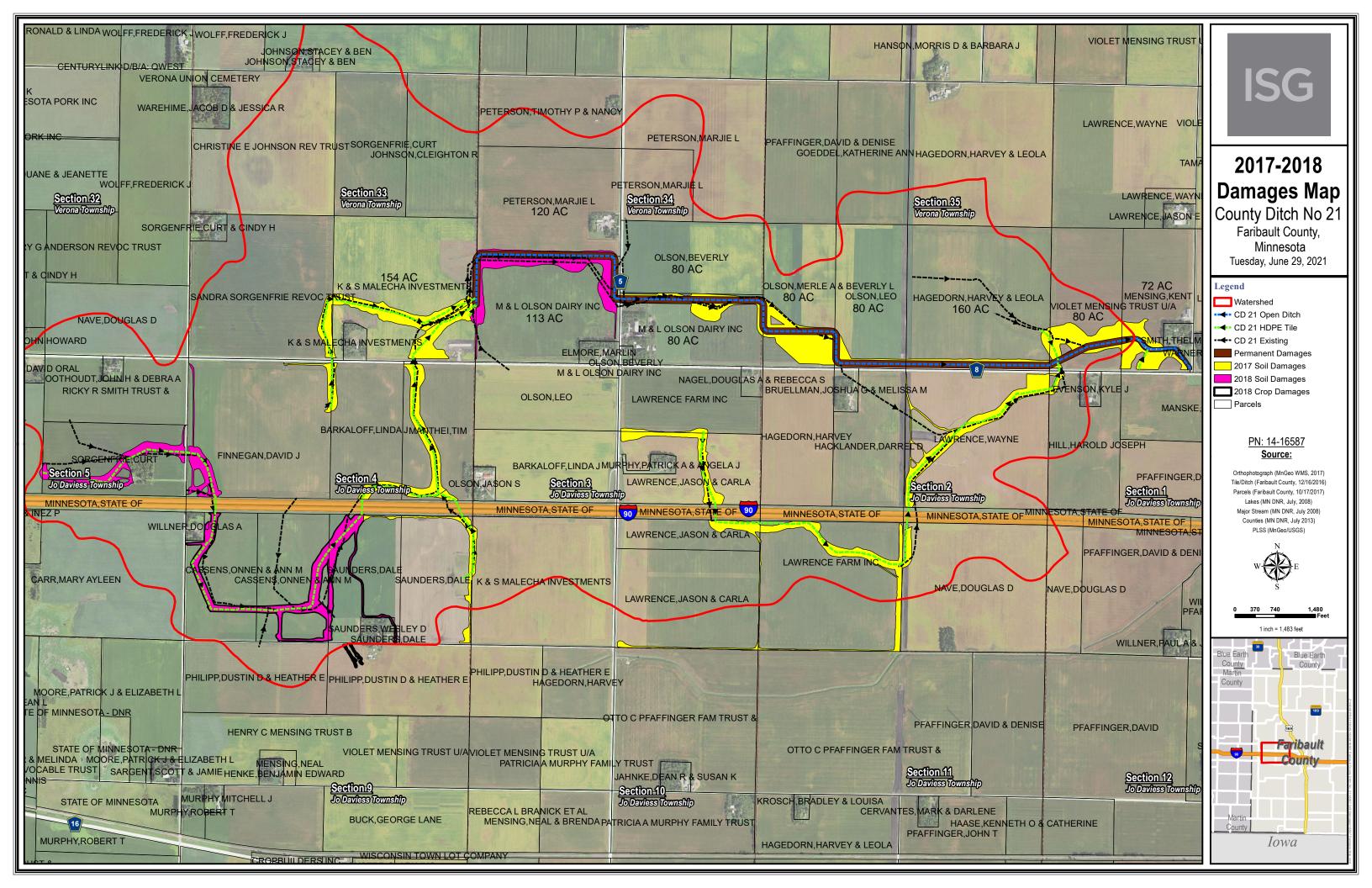
ARCHITECTURE + ENGINEERING + ENVIRONMENTAL + PLANNING



APPENDIX C: Damages

 Faribault County Ditch No. 21 – Open Ditch & Tile Repair Bid Packages
 Appendix C

ARCHITECTURE + ENGINEERING + ENVIRONMENTAL + PLANNING

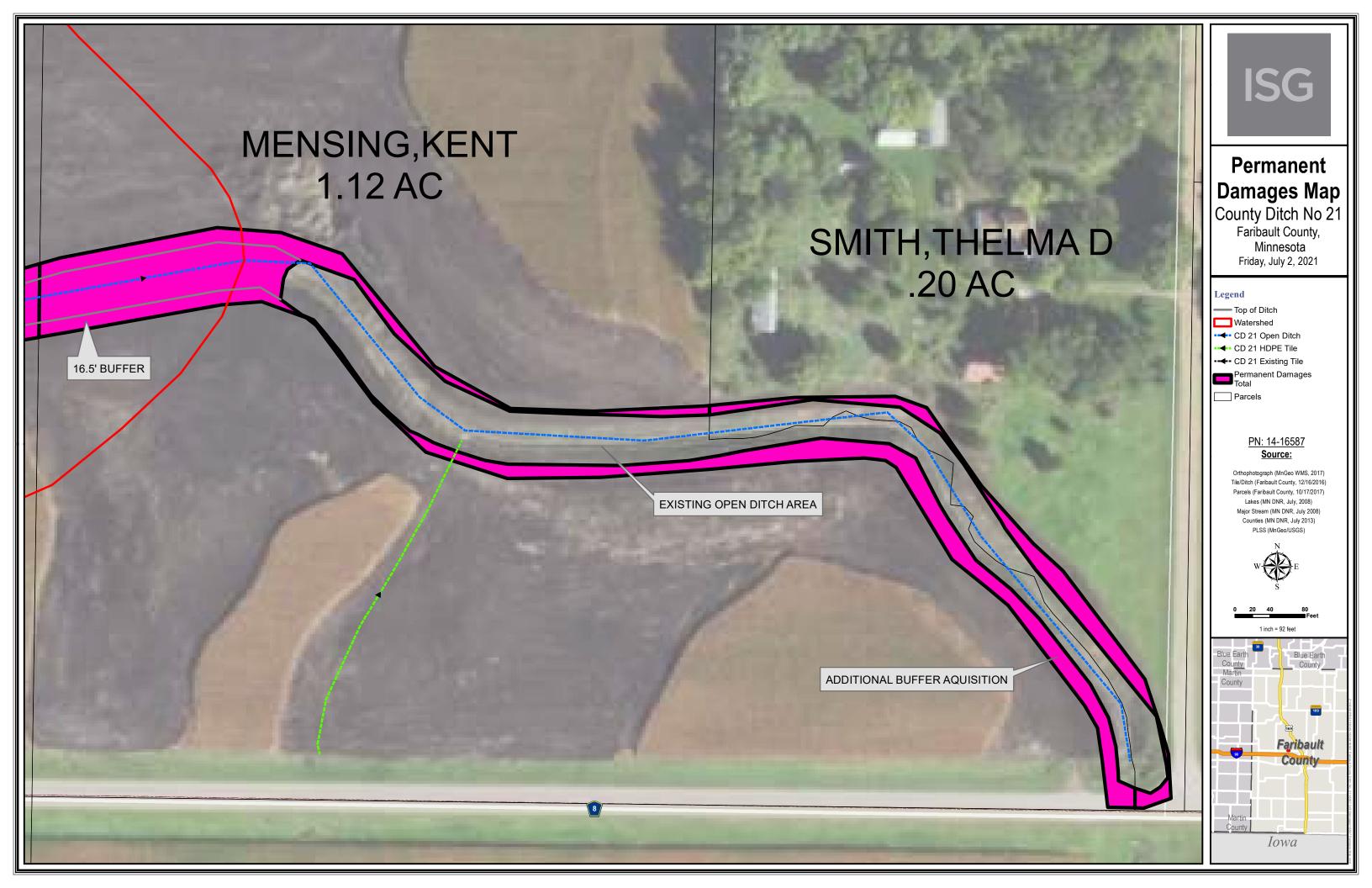


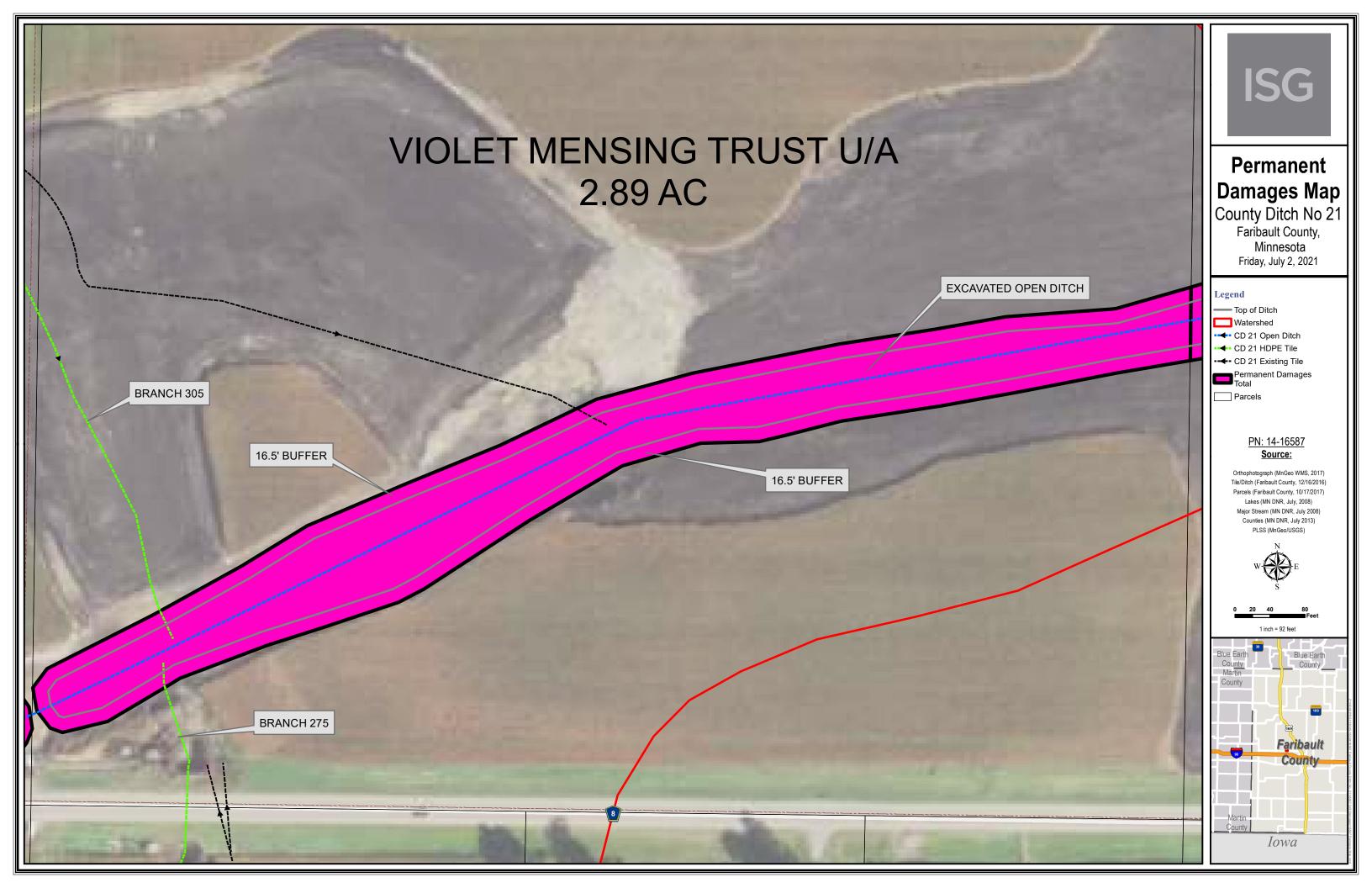
			Faribaul	t County Ditch 21 Crop Damages			
System Name	Parcel #	Тwp	Sec	Landowner	Сгор	SF	Temp. Damages
CD 21	180360400	Verona	36	KENT MENSING	Corn	594642.6168	13.65
CD 21	180360300	Verona	36	VIOLET MENSING TRUST	Corn	657159.8014	15.09
CD 21	180350500	Verona	35	HARVEY & LEOLA HAGEDORN	Corn	432237.2943	9.92
CD 21	180350101	Verona	35	LEO OLSON	Beans	256644.5549	5.89
CD 21	180350100	Verona	Corn		Corn	726909.5795	16.69
CD 21	180330100	Verona	33	MERLE & BEVERLE OLSON	Beans	91332.7959	2.10
CD 21	180340600	Verona	34	M&L OLSON DAIRY INC.	Corn	367416.315	8.43
CD 21	100010100	Jo Daviess	1	MARY LAWRENCE HILL LIV TRUST	Corn	49124.2631	1.13
CD 21	100020500	Jo Daviess	2	LAWRENCE,WAYNE	Harvested	808889.4339	18.57
CD 21	100020200	Jo Daviess	2	NAVE, DOUGLAS D	Harvested	99213.4705	2.28
CD 21	100020100	Jo Daviess	2	LAWRENCE FARM INC	Harvested	652820.2747	14.99
CD 21	100030600	Jo Daviess	3	LAWRENCE, JASON & CARLA	Harvested	75714.9194	1.74
CD 21	100030800	Jo Daviess	3	LAWRENCE, JASON & CARLA	Harvested	570007.8441	13.09
CD 21	100030500	Jo Daviess	3	LAWRENCE FARM INC	Harvested	58763.2837	1.35
CD 21	100040900	Jo Daviess	4	MANTHEI, TIM & LEE MANTHEI	Harvested	620101.4188	14.24
CD 21	100040100	Jo Daviess	4	BARKALOFF, LINDA J	Harvested	216855.1627	4.98
CD 21	100040400	Jo Daviess	4	FINNEGAN, DAVID J	Harvested	92700.5429	2.13
CD 21	180330101	Verona	33	SANDRA SORGENFRIE REVOC TRUST	Harvested	215420.1623	4.95
CD 21	180330400	Verona	33	K & S MALECHA INVESTMENTS	Harvested	969534.9107	22.26
Total							

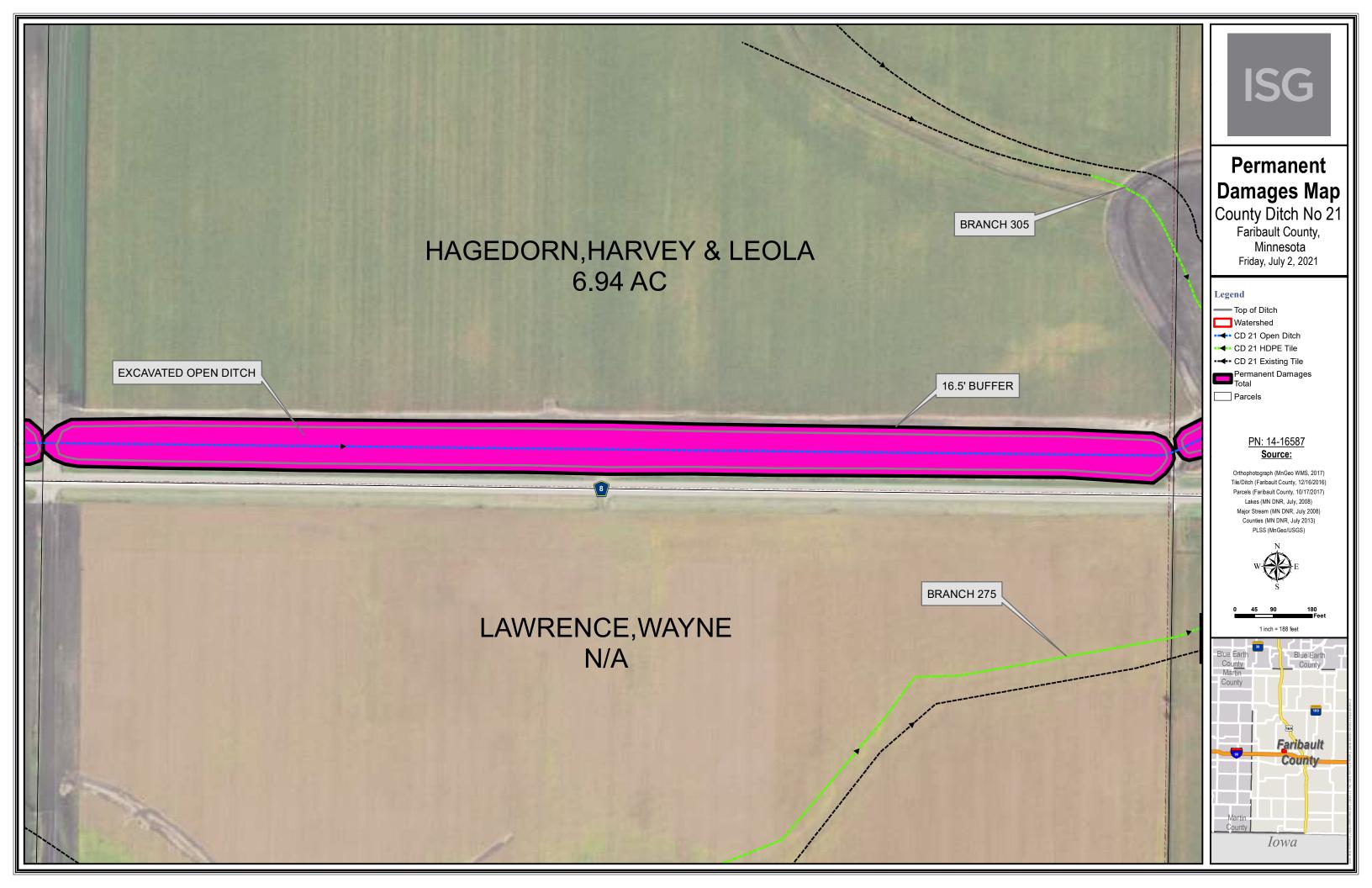


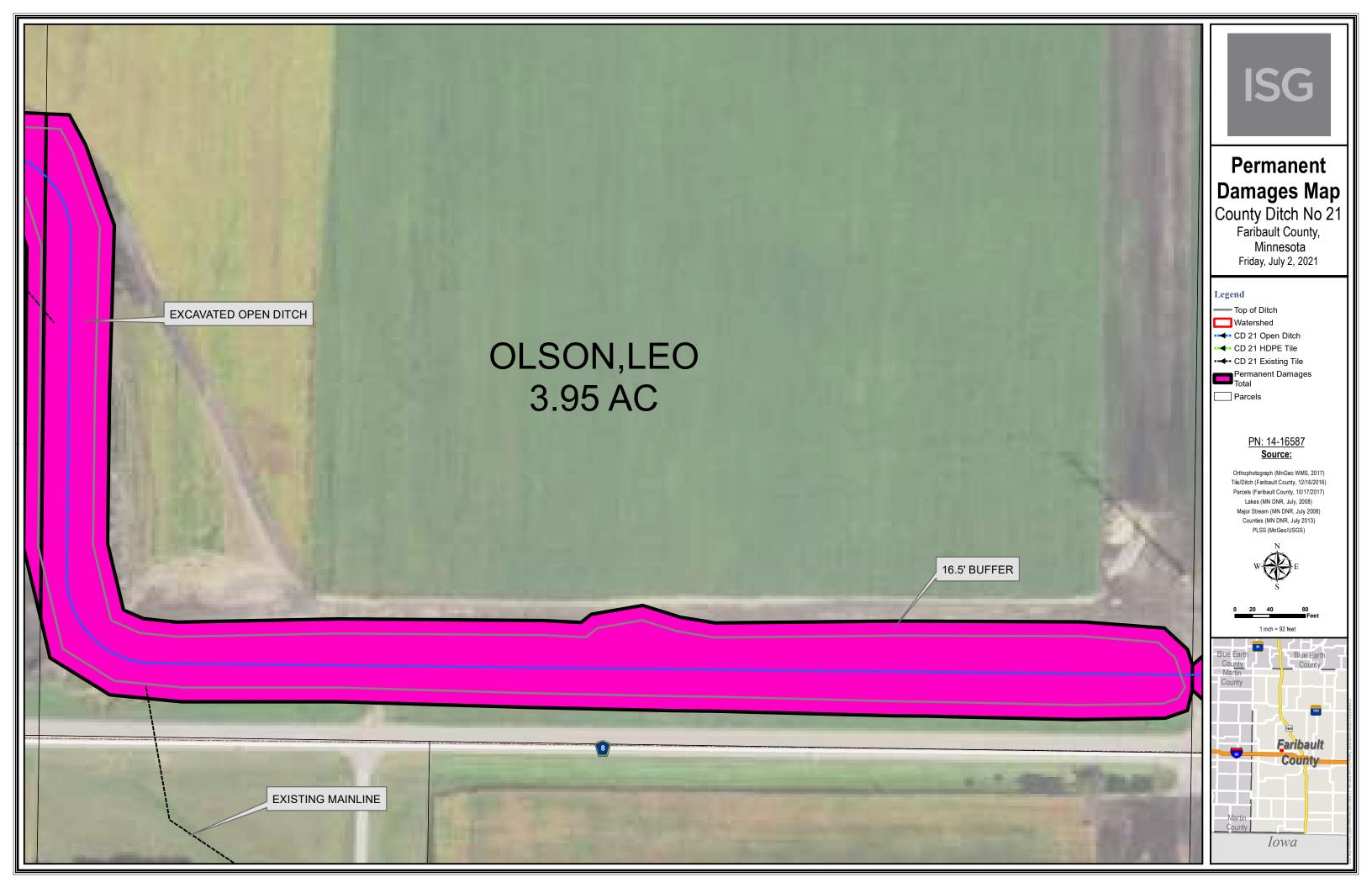
Faribault County Ditch No. 21 Open Ditch Permanent Damages

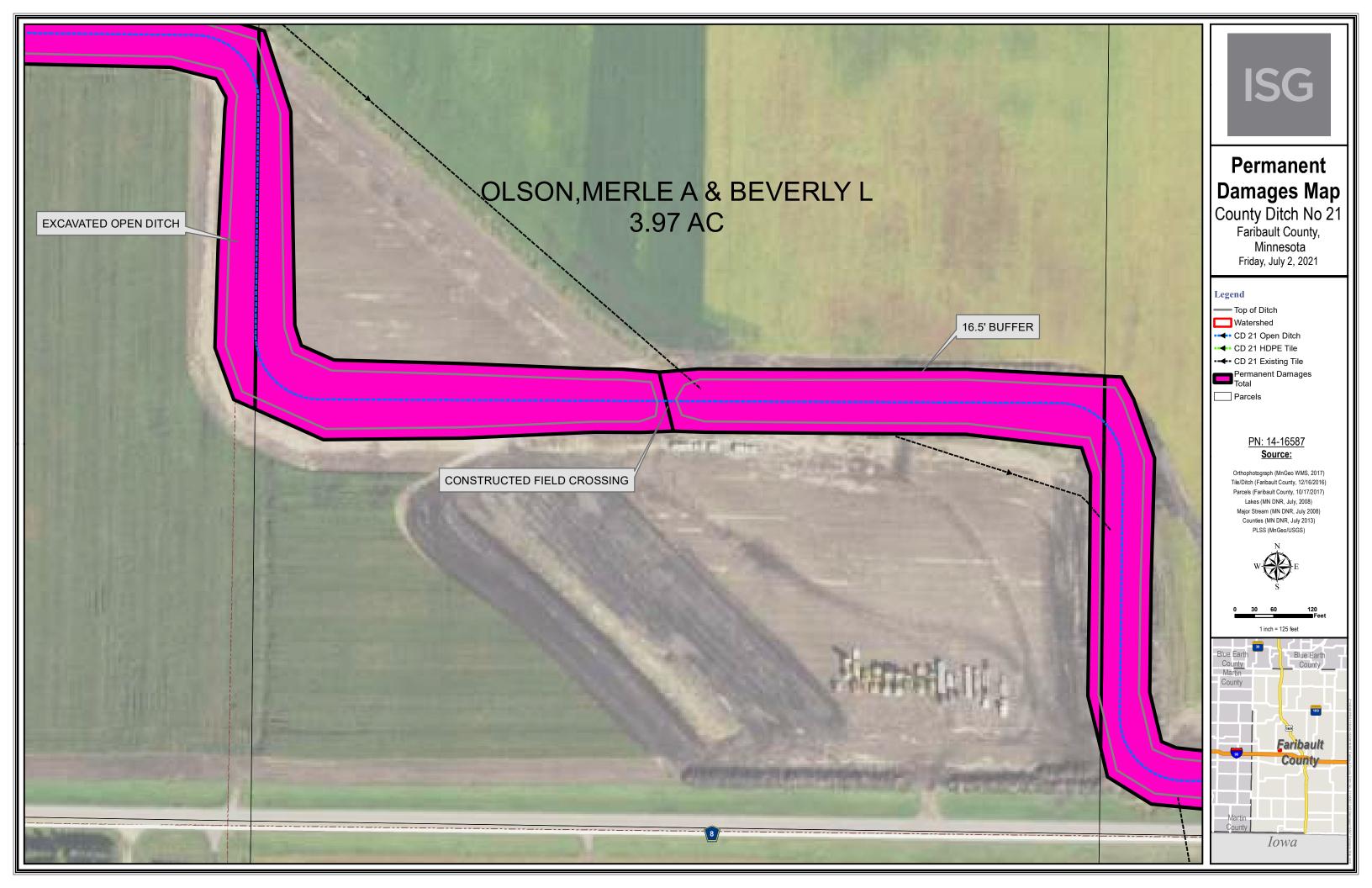
System Name	Branch	Parcel #	Тwp	Sec	Damages (Acres)	Planned Damages (AC)
CD No. 21	Mainline	180360401	Verona	36	0.20	0.27
CD No. 21	Mainline	180360400	Verona	36	1.12	1.2
CD No. 21	Mainline	180360300	Verona	36	2.89	2.77
CD No. 21	Mainline	180350500	Verona	35	6.94	6.35
CD No. 21	Mainline	180350101	Verona	35	3.95	3.72
CD No. 21	Mainline	180350100	Verona	35	3.97	3.84
CD No. 21	Mainline	180340600	Verona	34	5.77	5.83
CD No. 21	Mainline	180340201	Verona	34	5.42	5.91
CD No. 21	Mainline	180340300	Verona	34	2.30	2.56
CD No. 21	Mainline	180330400	Verona	33	0.86	0.96
CD No. 21	Branch 275	180360300	Verona	36	0.25	NA

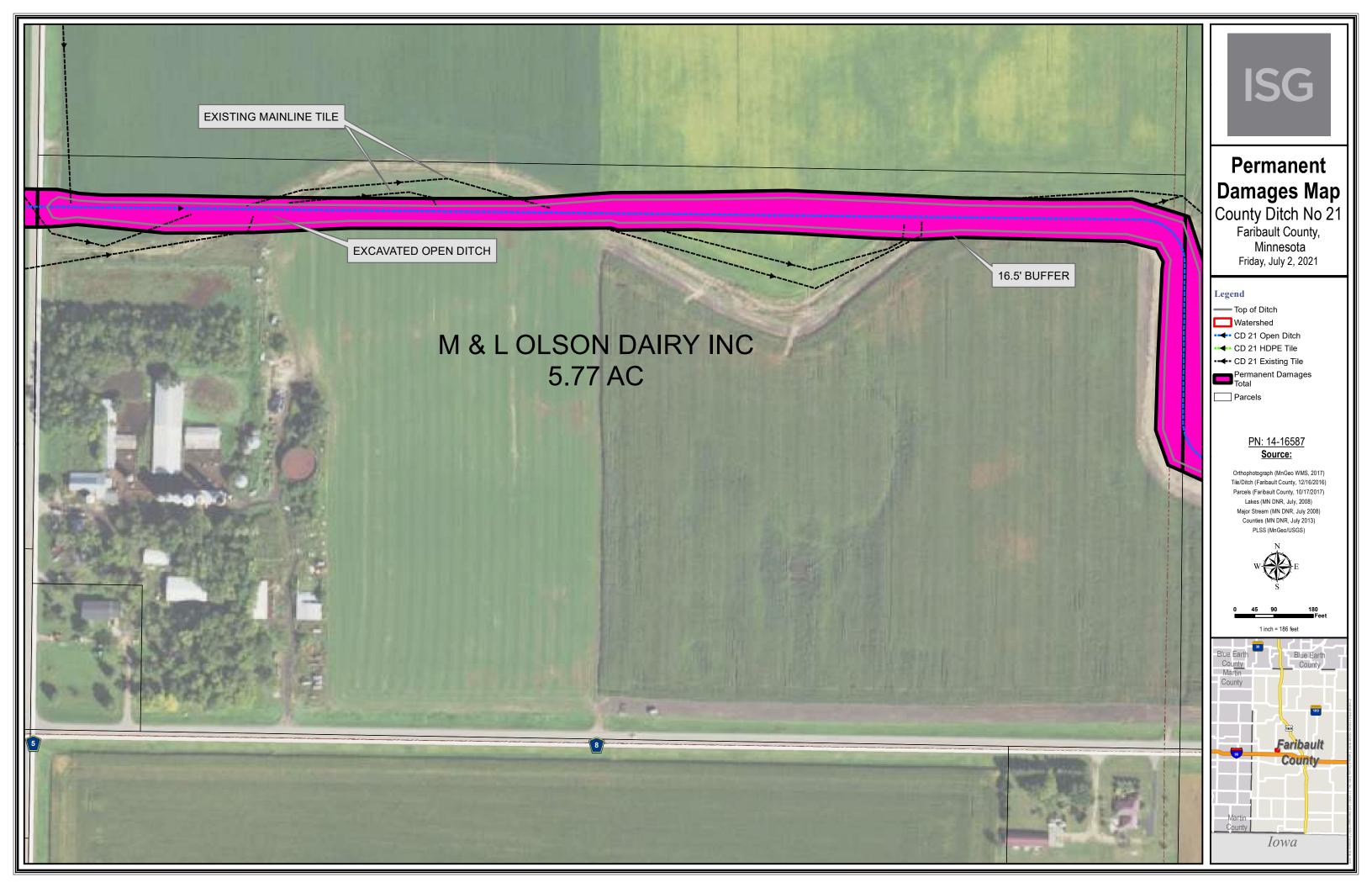




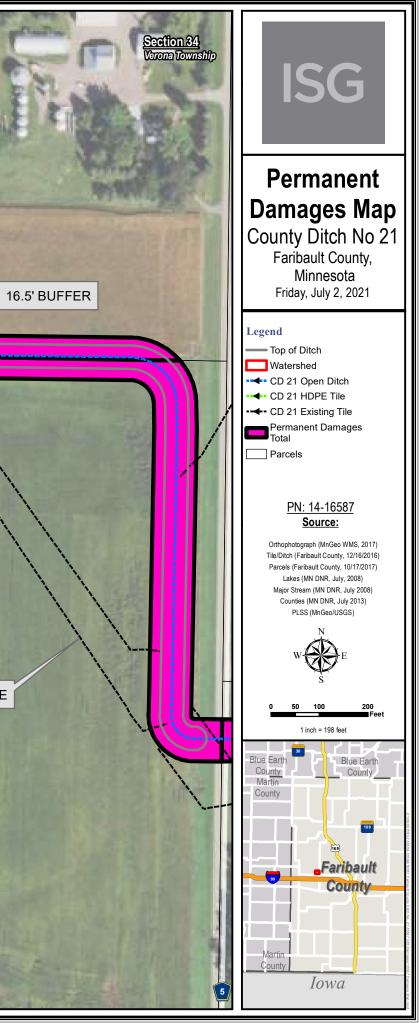


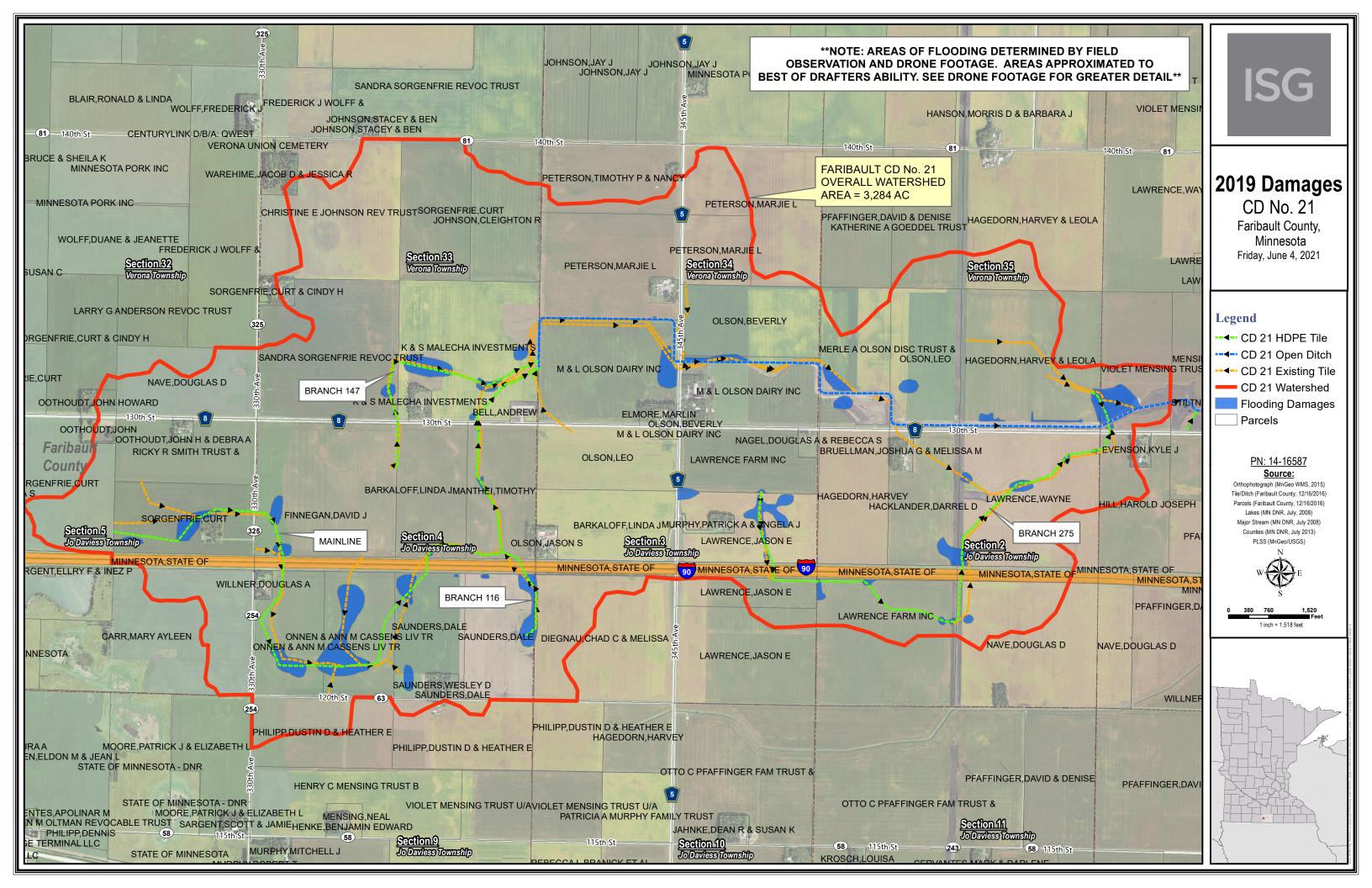


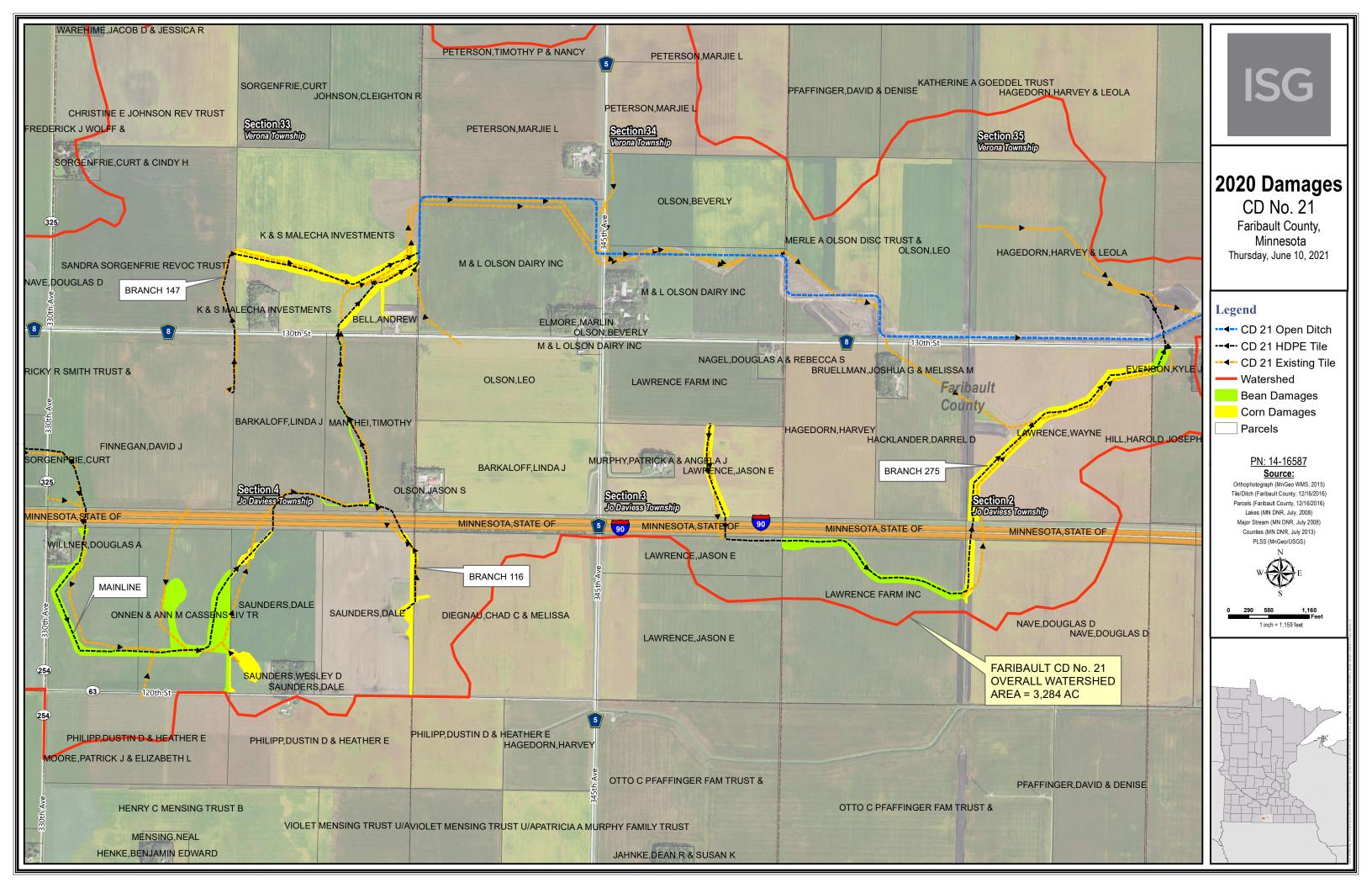




S MALECHA INVESTMENTS .86 AC	PETERSON, MARJIE L 2.30 AC EXCAVATED OPEN DITCH	
K & S MA	23' BUFFER M & L OLSON DAIRY INC 5.42 AC	EXISTING MAINLINE TILE
	BRANCH 147 MAINLINE BRANCH 156	

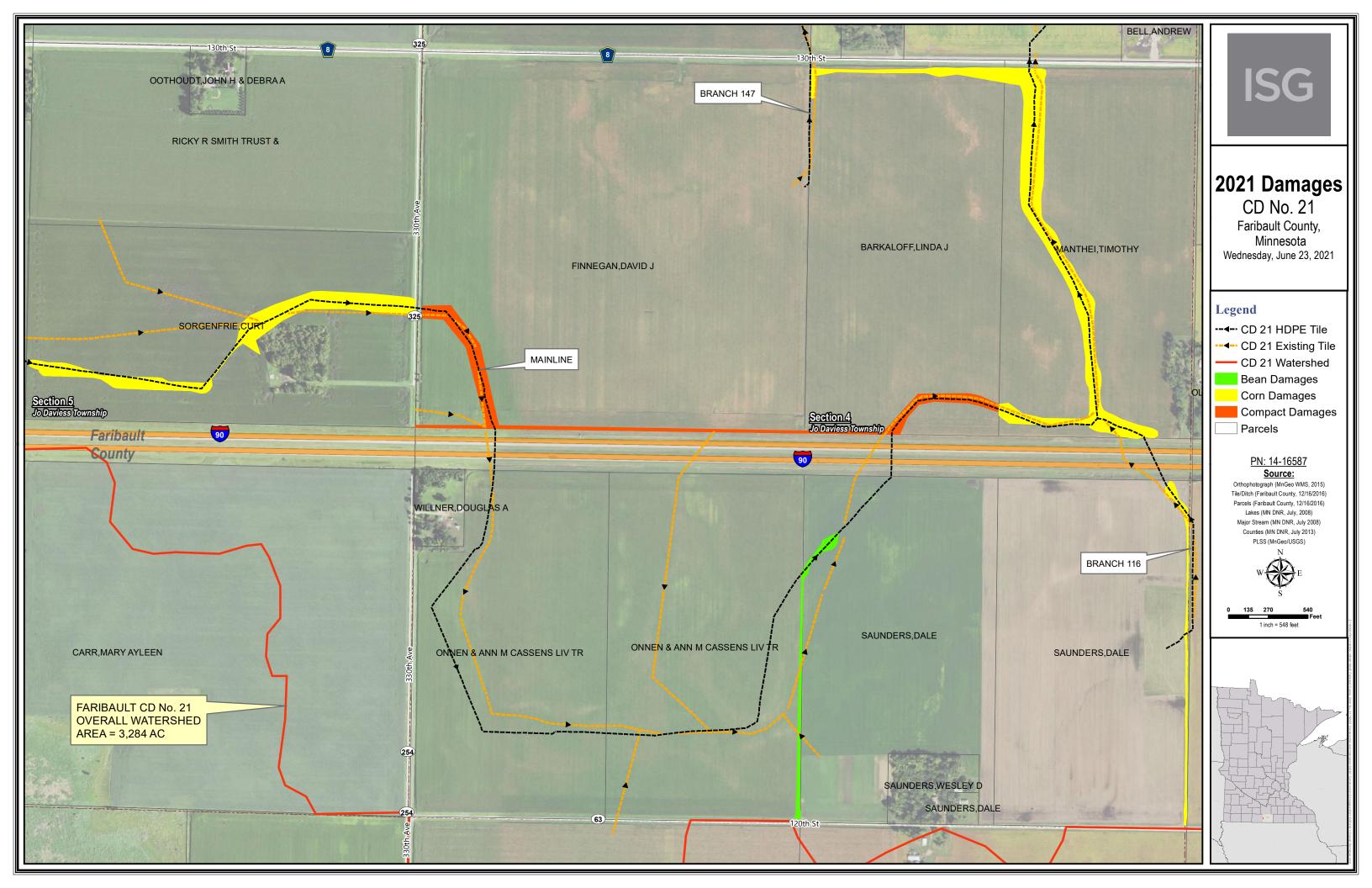






Faribault County Ditch No. 21 2020 Repair Damages

Bid Package #1						
System Name	Branch	Parcel #	Тwp	Sec	Crop	Damages (Acres)
CD No. 21	Mainline	180330400	Verona	33	Corn	3.81
CD No. 21	Branch 147	180330400	Verona	33	Corn	10.09
Did Deckers #2						
Bid Package #2	D	D	-	6	•	
System Name	Branch	Parcel #	Twp	Sec	Crop	Damages (Acres)
CD No. 21	Mainline	100040900	Jo Daviess	4	Beans	0.82
CD No. 21	Mainline	100040100	Jo Daviess	4	Beans	0.06
CD No. 21	Branch 116	100040900	Jo Daviess	4	Beans	0.09
Bid Package #3						
System Name	Branch	Parcel #	Тwp	Sec	Crop	Damages (Acres)
CD No. 21	Mainline	100040200	Jo Daviess	4	Corn	3.50
CD No. 21	Mainline	100040500	Jo Daviess	4	Beans	13.66
CD No. 21	Mainline	100040800	Jo Daviess	4	Beans	6.11
CD No. 21	Branch 116	100040300	Jo Daviess	4	Corn	2.85
CD No. 21	Branch 116	100030300	Jo Daviess	3	Corn	0.36
Bid Package #4						
System Name	Branch	Parcel #	Тwp	Sec	Crop	Damages (Acres)
CD No. 21	Branch 275	100010100	Jo Daviess	1	Beans	1.23
CD No. 21	Branch 275	100020500	Jo Daviess	2	Corn	12.75
CD No. 21	Branch 275	100030800	Jo Daviess	3	Corn	3.11
CD No. 21	Branch 275	100030500	Jo Daviess	3	Beans	0.02
Bid Package #5		_				
System Name	Branch	Parcel #	Тwp	Sec	Crop	Damages (Acres)
CD No. 21	Branch 275	100020200	Jo Daviess	2	Corn	1.63
CD No. 21	Branch 275	100020100	Jo Daviess	2	Beans	7.19



Faribault County Ditch No. 21 2021 Repair Damages

System Name	Branch	Parcel #	Тwp	Sec	Crop	Damages (Acres)
CD No. 21	Mainline	100040100	Jo Daviess	4	Corn	1.20
CD NO. 21	Mairinie	100040100	JO Daviess	4	None	1.44
CD No. 21	Mainline	100040900	Jo Daviess	4	Corn	8.39
CD No. 21	Mainline	100040200	Jo Daviess	4	Beans	0.34
CD No. 21	Mainline	100040500	Jo Daviess	4	Beans	0.52
CD No. 21	Mainline	100040400	Jo Daviess	4	None	3.23
CD No. 21	Mainline	100050600	Jo Daviess	5	Corn	5.44
CD No. 21	Branch 116	100040300	Jo Daviess	4	Corn	0.66

APPENDIX D: Final Pay Requests

Faribault County Ditch No. 21 – Open Ditch & Tile Repair Bid PackagesAppendix D

ARCHITECTURE + ENGINEERING + ENVIRONMENTAL + PLANNING

EJCDC			Contractor's App	6		
ENGINEEI	RS JOINT CONTRACT NTS COMMITTEE	Application Period:	5/26/2021 - 6/17/2021	Application Date:	7/19/2021	
То	Faribault County Drainage Authority	From	Brunz Construction Co. Inc.	Via	ISG	
(Owner):	415 S Grove Street	(Contractor):	P.O. Box 187	(Engineer):	Chuck Brandel	
	Blue Earth, MN 56013		Madison Lake, MN 56063		115 E Hickory St. Suite 300	
					Mankato, MN 56001	
Project:	Faribault County Ditch No. 21	Contract:				
	Ditch Repairs					
Owner's C	Contract No.	Contractor's Project	Contractor's Project No.		o. 16587.1	

Application For Payment Change Order Summary

	Approved Change O	rders
Number	Additions	Deductions
2	\$23,179.50	
4	\$8,044.00	
5	\$1,137.50	
6	\$24,726.80	
7	\$7,698.02	
TOTALS	\$64,785.82	
NET CHANGE BY CHANGE ORDERS	Ş	64,785.82

1. ORIGINAL CONTRA	ACT PRIC	E			\$ 141,686.00
2. Net change by Cha	ange Oro	ders			\$ 64,785.82
3. Current Contract I	Price (Lir	ne 1 ± 2).			\$ 206,471.82
4. TOTAL COMPLETE	D AND S	TORED 1	O DATE		
(Column F total or	n Progres	ss Estima	ates)		\$ 206,863.93
5. RETAINAGE:					
a.	х	\$	206,863.93	Work Completed	\$ -
b.	х	\$	-	Stored Material	\$ -
c. Total Ret	ainage (I	Line 5.a ·	+ Line 5.b)	-	\$ -
6. AMOUNT ELIGIBLE	E TO DAT	۲E (Line ،	4 - Line 5.c)		\$ 206,863.93
7. LESS PREVIOUS PA	YMENT	S (Line 6	from prior App	lication)	\$ 187,957.05
8. AMOUNT DUE TH	IS APPLI	CATION.			\$ 18,906.88
9. BALANCE TO FINIS	H, PLUS	RETAINA	AGE		
(Column G total or	n Progres	s Estima	tes + Line 5.c al	bove)	\$ -

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:

(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;

(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and

(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor Signature	
Ву:	Date:

Payment of:	\$18,906.88	
_	(Line 8 or other - attach explanation of the other amount)	
is recommended by:		
	(Engineer)	(Date)
Payment of:		
	(Line 8 or other - attach explanation of the other amount)	
is approved by:		
	(Owner)	(Date)
Approved by:		
	Euroding or Einanging Entity (if applicable)	(Data)

640 00C 00

Funding or Financing Entity (if applicable)

(Date)

Faribault CD 21 - Ditch Repairs

 Pay Request
 6

 5/26/2021
 To
 6/17/2021



Bid Item Number	Bid Item	Unit	Quantitiy	Unit Price	Total Amount	Quantity This Pay Request	Amount This Pay Request	Quantity To Date	Amount To Date	Quantity Remaining	Amount Remaining
2021.501	MOBILIZATION	LS	1.00	\$500.00	\$500.00	0.00	\$0.00	1.00	\$500.00	0.00	\$0.00
2105.603	DITCH CLEANING (6' WIDE DITCH BOTTOM) (APPROX. SEDIMENT ACCUMULATED: 1/2 - 1 FOOT)	LF	3,450.00	\$2.50	\$8,625.00	0.00	\$0.00	4050.00	\$10,125.00	0.00	\$0.00
2105.603	ROAD DITCH REGRADING (ALONG CSAH 8)	LF	2,500.00	\$2.00	\$5,000.00	0.00	\$0.00	2500.00	\$5,000.00	0.00	\$0.00
2105.603	BANK STABALIZATION #1	LS	1.00	\$1,200.00	\$1,200.00	0.00	\$0.00	4.08	\$4,896.00	0.00	\$0.00
2105.603	BANK STABALIZATION #2	LS	1.00	\$1,825.00	\$1,825.00	0.00	\$0.00	1.00	\$1,825.00	0.00	\$0.00
2105.603	BANK STABALIZATION #3 (W/ CLASS III RIPRAP @ TOE OF OPEN DITCH)	LS	1.00	\$5,700.00	\$5,700.00	0.00	\$0.00	1.00	\$5,700.00	0.00	\$0.00
2105.603	BANK STABALIZATION #4 (W/ CLASS III RIPRAP @ TOE OF OPEN DITCH)	LS	1.00	\$3,600.00	\$3,600.00	0.00	\$0.00	1.00	\$3,600.00	0.00	\$0.00
2105.603	BANK STABALIZATION #5 (W/ CLASS III RIPRAP @ TOE OF OPEN DITCH)	LS	1.00	\$6,600.00	\$6,600.00	0.00	\$0.00	1.20	\$7,920.00	0.00	\$0.00
2105.603	BANK STABALIZATION #6 (W/ CLASS III RIPRAP @ TOE OF OPEN DITCH)	LS	1.00	\$6,400.00	\$6,400.00	0.00	\$0.00	1.00	\$6,400.00	0.00	\$0.00
2105.603	BANK STABALIZATION #7 (W/ CLASS III RIPRAP @ TOE OF OPEN DITCH)	LS	1.00	\$12,200.00	\$12,200.00	0.00	\$0.00	0.86	\$10,492.00	0.00	\$0.00
2105.603	BANK STABALIZATION #8	LS	1.00	\$1,800.00	\$1,800.00	0.00	\$0.00	2.01	\$3,618.00	0.00	\$0.00
2105.603	BANK STABALIZATION #9 (W/ CLASS III RIPRAP @ TOE OF OPEN DITCH)	LS	1.00	\$16,000.00	\$16,000.00	0.00	\$0.00	0.51	\$8,160.00	0.00	\$0.00
2501.602	SAND OR CLSM FILL PIPE UNDER ROAD (18-INCH)	LF	180.00	\$37.50	\$6,750.00	0.00	\$0.00	180.00	\$6,750.00	0.00	\$0.00
2502.541	INSTALL 12-INCH PERFORATED TILE (WATER QUALITY INLET)	LF	30.00	\$36.25	\$1,087.50	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
2506.502	FURNISH & INSTALL WATER QUALITY INLET	EA	2.00	\$1,925.00	\$3,850.00	0.00	\$0.00	1.00	\$1,925.00	0.00	\$0.00
2506.502	INSTALL 12-INCH TOE DRAIN RISER ASSEMBLY W/ TRASH GRATE	EA	5.00	\$2,125.00	\$10,625.00	0.00	\$0.00	0.82	\$1,742.50	0.00	\$0.00
2506.502	INSTALL 12-INCH TOE DRAIN OUTLET ASSEMBLY	EA	5.00	\$900.00	\$4,500.00	0.00	\$0.00	2.00	\$1,800.00	0.00	\$0.00
2506.603	ARMOR TILE OUTET (RIPRAP & GEOTEXTILE FABRIC)	EA	15.00	\$350.00	\$5,250.00	0.00	\$0.00	18.00	\$6,300.00	0.00	\$0.00
2511.501	CLASS III RIPRAP WITH GEOTEXTILE FABRIC (ADDITIONAL FOR CULVERT CROSSINGS)	CY	18.00	\$65.00	\$1,170.00	0.00	\$0.00	61.50	\$3,997.50	0.00	\$0.00
2511.501	CLASS III RIPRAP WITH GEOTEXTILE FABRIC (ARMOR OPEN DITCH CORNERS)	CY	156.00	\$65.00	\$10,140.00	0.00	\$0.00	156.00	\$10,140.00	0.00	\$0.00
2575.501	16.5' BUFFER STRIP SEEDING (SEED MIX: BUFFER BLEND WITH TYPE 3 MULCH)	AC	2.62	\$1,100.00	\$2,882.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
2575.501	STANDARD SIDESLOPE SEEDING (SEED MIX: BUFFER BLEND WITH TYPE 8 MULCH)	AC	6.34	\$3,500.00	\$22,190.00	0.00	\$0.00	0.20	\$700.00	0.00	\$0.00
2575.523	SEED MIX 25-142 W/MNDOT EROSION CONTROL BLANKET CATEGORY 3	SY	100.00	\$4.00	\$400.00	11.10	\$44.40	1230.90	\$4,923.60	0.00	\$0.00
2575.541	BUFFER STRIP MOWING	AC	5.24	\$150.00	\$786.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
2575.545	WEED SPRAYING	AC	11.58	\$225.00	\$2,605.50	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
					\$141,686.00		\$44.40		\$106,514.60		\$0.00

Faribault CD 21 - Ditch Repairs

ISG

Pay Request 6

5/26/2021 To 6/17/2021

Change Order	Bid Item Number	Bid Item	Unit	Quantitiy	Unit Price	Total Amount	Quantity This Pay Request	Amount This Pay Request	Quantity To Date	Amount To Date Date	Quantity Remaining	Amount Remaining
2	2-201	TILE INVESTIGATION	HR	5.00	\$396.00	\$1,980.00	0.00	\$0.00	13.62	\$5,393.52	0.00	\$0.00
2	2-202	6-INCH HDPE AGRICULTURAL TILE	LF	300.00	\$22.89	\$6,867.00	0.00	\$0.00	878.50	\$20,108.87	0.00	\$0.00
2	2-203	18-INCH HDPE AGRICULTURAL TILE	LF	50.00	\$75.45	\$3,772.50	0.00	\$0.00	162.50	\$12,260.63	0.00	\$0.00
2	2-204	SAND OR CLSM FILL PIPE UNDER ROAD (24-INCH)	LF	150.00	\$50.00	\$7,500.00	0.00	\$0.00	150.00	\$7,500.00	0.00	\$0.00
2	2-205	BULKHEAD EXISTING TILE	EA	6.00	\$185.00	\$1,110.00	0.00	\$0.00	6.00	\$1,110.00	0.00	\$0.00
2	2-206	TILE CONNECTION 6-INCH	EA	1.00	\$350.00	\$350.00	0.00	\$0.00	2.00	\$700.00	0.00	\$0.00
2	2-207	TILE OUTLET 6-INCH	EA	1.00	\$350.00	\$350.00	0.00	\$0.00	3.00	\$1,050.00	0.00	\$0.00
2	2-208	TILE OUTLET 18-INCH	EA	1.00	\$350.00	\$350.00	0.00	\$0.00	1.00	\$350.00	0.00	\$0.00
2	2-209	SITE GRADING	HR	4.50	\$200.00	\$900.00	0.00	\$0.00	6.50	\$1,300.00	0.00	\$0.00
4	4-401	8-INCH HDPE AGRICULTURAL TILE	LF	360.00	\$10.40	\$3,744.00	0.00	\$0.00	360.00	\$3,744.00	0.00	\$0.00
4	4-402	HOURLY HAULING TO REMOVE WET SOILS - EXCAVATION	HR	10.00	\$200.00	\$2,000.00	4.05	\$810.00	14.05	\$2,810.00	0.00	\$0.00
4	4-403	HOURLY HAULING TO REMOVE WET SOILS - DOZER	HR	10.00	\$150.00	\$1,500.00	0.00	\$0.00	10.00	\$1,500.00	0.00	\$0.00
4	4-404	HOURLY HAULING TO REMOVE WET SOILS - HAUL TRUCK	HR	4.00	\$200.00	\$800.00	0.00	\$0.00	4.00	\$800.00	0.00	\$0.00
5	5-501	SITE GRADING - TIM AND NANCY PETERSON FARM	HR	6.50	\$175.00	\$1,137.50	0.00	\$0.00	6.50	\$1,137.50	0.00	\$0.00
6	6-601	SIDE SLOPE REPAIR	LF	276.00	\$15.00	\$4,140.00	0.00	\$0.00	276.00	\$4,140.00	0.00	\$0.00
6	6-602	CLASS II RIPRAP W/GEOTEXTILE FABRIC	CY	11.38	\$93.00	\$1,058.34	0.00	\$0.00	11.38	\$1,058.34	0.00	\$0.00
6	6-603	CLASS III RIPRAP W/GEOTEXTILE FABRIC	CY	11.19	\$94.00	\$1,051.86	0.00	\$0.00	11.19	\$1,051.86	0.00	\$0.00
6	6-604	CLASS IV RIPRAP W/GEOTEXTILE FABRIC	CY	150.28	\$95.00	\$14,276.60	0.00	\$0.00	150.28	\$14,276.60	0.00	\$0.00
6	6-605	SEEDING W/BLANKET	AC	0.15	\$15,000.00	\$2,250.00	0.002	\$30.00	0.1520	\$2,280.00	0.00	\$0.00
6	6-606	HAUL TRUCK - SLOUGHS	HR	13.00	\$150.00	\$1,950.00	35.00	\$5,250.00	48.00	\$7,200.00	0.00	\$0.00
7	7-701	OPEN DITCH CLEANING	LF	700.00	\$2.50	\$1,750.00	0.00	\$0.00	700.00	\$1,750.00	0.00	\$0.00
7	7-702	OPEN DITCH CLEANING - HAULSPILL	HR	5.50	\$150.00	\$825.00	19.20	\$2,880.00	24.70	\$3,705.00	0.00	\$0.00
7	7-703	REMOVE & INSTALL NEW 36" HDPE	LS	1.00	\$5,123.02	\$5,123.02	0.00	\$0.00	1.00	\$5,123.02	0.00	\$0.00
						\$64,785.82		\$8,970.00		\$100,349.33		\$0.00

ISG		Contractor's Ap	0. 6		
	Application Period:	5/1/2021 - 6/10/2021	Application Date:	6/17/2021	
o Faribault County Drainage Authority Dwner): 415 S. Grove Street Blue Earth, MN 56013	From (Contractor):	Noomen Excavating, LLC 2756 181st St Currie, MN 56123	Via (Engineer):	ISG Chuck Brandel 115 E Hickory St. Suite 300	
oject: Faribault CD 21 2020 Ditch Repairs Bid Package #1	Contract:			Mankato, MN 56001	
wner's Contract No.	Contractor's Proje	Contractor's Project No.		16587.01	

Application For Payment

	Change Order Summ	ary					
Approved Change Orders							
Number	Additions	Deductions					
1	\$326,028.79						
3	\$1,500.00						
TOTALS	\$327,528.79						
NET CHANGE BY CHANGE ORDERS	\$327,528.79						

1. ORIGINAL CONTRACT PRICE		Ś	109,587.67
2. Net change by Change Orders	Ś	327,528.79	
3. Current Contract Price (Line 1 ± 2)		\$	437,116.46
4. Completed Bid Items (Column J total o	on Completed Items)	\$	54,543.07
5. Completed Change Order Items (Colu	nn K total on Change Order Items)	\$	344,072.55
6. Temporary Withholdings (Column L o	Ś		
7. Stored Materials (Column L total on S	Ś		
8. TOTAL COMPLETED AND STORED TO D	Ś	398,615.62	
9. RETAINAGE:		<u> </u>	398,013.02
a. X <u>\$ 3</u>	98,615.62 Work Completed (Line 4+5+6)	\$	-
b. X \$	 Stored Material (Line 7) 	Ś	
c. Total Retainage (Line 5.a + Lin	e 5.b)	\$	
10. AMOUNT ELIGIBLE TO DATE (Line 8 -	Line 9.c)	é	398,615.62
11. LESS PREVIOUS PAYMENTS (Line 10 I	rom prior Application)		and the second s
12. AMOUNT DUE THIS APPLICATION	->	388,650.23	
13. BALANCE TO FINISH, PLUS RETAINAG	E	<u>\$</u>	9,965.39
(Column L total on Completed Items +	Column M Total Change Order Items +	Ś	-
Column L on Temporary Withholdings	+ Line 9.c above)	<u> </u>	

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following: (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment; (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and

(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor Signature 5-21-21 ate.

Payment of:	\$9,965.39	
	(Line 8 or other - attach explanation of the other amount)	
is recommended by:	Chile J. Ball	06/22/2021
	(Engineer)	(Date)
Payment of:		
	(Line 8 or other - attach explanation of the other amount)	
is approved by:		
	(Owner)	(Date)
Approved by:		
	Funding or Financing Entity (if applicable)	(Date)

EJCDC® C-620 Contractor's Application for Payment © 2013 National Society of Professional Engineers for EJCDC. All rights reserved. Page 1 of 1

Completed Bid Items



Faribault CD 21 2020 Ditch Repairs Bid Package #1

Pay Request 6 5/1/2021 To 6/10/2021

A	B	C	D	E	F	6	II	0	Ĵ	к	1
Bid Item Number	Bid Item	Unit	Quantitiy	Unit Price	Total Amount	Quantity This Pay Request	Amount This Pay Request	Contraction of the second second	Amount To Date	Quantity	Amount Remainin
2021.501	MOBILIZATION	LS	1.00	A	-		nequest	Date		Remaining	
2021.601	EXPLORATORY INVESTIGATION	HR	1.00	\$ 5,473.43	0,110,10	0.00	\$ -	1.00	\$ 5,473,43	0.00	s ·
2503.603	36-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA		\$ 420.00		0.00	\$ -	5.00	\$ 2,100.00		4
2503.603	36-INCH SPOT REPAIR (BAD SEAL ON INSERTED TEE)	EA	2.00	\$ 2,932.20		0.00	\$ _	0.00	Ś.	0.00	e contraction of the second
2503.603	36-INCH SPOT REPAIR (PLUGGED TEE)	EA	1.00	\$ 1,020.00	aj010100	0.00	\$ -	1.00	\$ 1,020.00	0.00	2
2503.603	24-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	2.00	\$ 1,000.00	aju o o i o o	0.00	\$ -	0.00	\$	0.00	2 .
2503.603	24-INCH SPOT REPAIR (BAD SEAL ON INSERTED TEE)	EA	3.00	\$ 2,728.92	0)100170	0.00	\$ -	0.00	\$	0.00	2
2503.603	18-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	1.00	\$ 1,020.00	\$ 1,020.00	0.00	\$ -	0.00	S	0.00	3 -
2503.603	18-INCH SPOT REPAIR (GRADE CHANGE)	EA	6.00	\$ 2,648.80	\$ 15,892.80	0.00	\$ -	0.00	4	0.00	\$ -
2503.603	REMOVE AND INSTALL NEW 18-INCH TILE	EA	1.00	\$ 2,848.80	\$ 2,848.80	0.00	\$	0.00	i i i i i i i i i i i i i i i i i i i		\$ -
	REMOVE AND INSTALL NEW 24-INCH TILE	LF	110.00	\$ 25.00	\$ 2,750.00	0.00	\$ -	110.00	\$ 2,750.00	0.00	5
	INSTALL 6" PERFORATED TILE	LF	940.00	\$ 37.00	\$ 34,780.00	0.00	Ś.	640.00		0.00	<u> </u>
	24-INCH BEND (ANY DEGREE)	LF	400.00	\$ 5.50	\$ 2,200.00	0.00	S -	1952.00	\$ 23,680.00	0.00	5 -
	18-INCH BEND (ANY DEGREE)	EA	16.00	\$ 1,190.56	\$ 19,048.96	0.00	Ś	2.00	5 10,736.00	0.00	\$.
and such that the local state of state of the local data in the lo	INSTALL DROP INTAKE (18-INCH)	EA	4.00	\$ 1,132.88	\$ 4,531.52	0.00	\$	4.00	\$ 2,381.12	0.00	\$ -
	Interface brior intrake (16-INCH)	EA	1.00	\$ 1,871.00	\$ 1,871.00	0.00	Ś	1.00	\$ 4,531.52	0.00	\$ -
					\$ 109,587.67	0.00		1.00	\$ 1,871.00	0.00	\$ -
				L	A T03'291'01	L	ş -		\$ 54,543.07		\$ -

Completed Change Order Items

ISG

Faribault CD 21 2020 Ditch Repairs Bid Package #1

Pay Request 6 5/1/2021 To 6/10/2021

A Change	B Bid Item	C	Ð			F	G	Н	1	1	1	K			
Order	Number	Bid Item	Unit	Quantitiy	Unit	Price	Total Amount	Quantity This	Amount	t This Pay	Quantity To	Amount To Date	L Quantity	4	M
1	1-101	36-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	4.00				Pay Request		juest	Date	Date	Remaining		Amount emainin
1	1-102	24-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	5.00	\$	2,932.00	\$ 11,728.00	The second of the second s	\$	-	6.00	\$ 17,592.00	0.00	\$	
1	1-103	24-INCH SPOT REPAIR (PUNCTURED PIPE)	EA	1.00	\$	2,728.92	\$ 13,644.60		\$		7,00	\$ 19,102.44	0.00	\$	
1	1-104	24-INCH SPOT REPAIR (NO INSERTATEE)	EA	1.00	\$	2,728.92	\$ 2,728.92	Contract of the Contract Contract	\$		1.00	\$ 2,728.92	0.00	\$	the second
1	1-105	24-INCH SPOT REPAIR (BAD SEAL ON INSERTED TEE)	EA	6.00	1-	1,395.00	\$ 1,395.00		\$		1.00	\$ 1,395.00	0.00	\$	
1	1-106	REMOVE AND INSTALL 18-INCH TILE	LF	1054.00	\$	2,648.80	\$ 15,892.80	0.00	\$		16.00	\$ 42,380.80	0.00	\$	
1	1-107	REMOVE AND INSTALL 24-INCH TILE		405.00	\$	25.00	\$ 26,350.00	0.00	\$	•	1110.00	\$ 27,750.00	0.00	\$	
1	1-108	REMOVE AND INSTALL 36-INCH TILE	LF	405.00 916.00	\$	37.00	\$ 14,985.00	0.00	\$	-	840.00	\$ 31,080.00	0.00	\$	
1	1-109	INSTALL 8-INCH PERFORATED SUB-MAIN	LF	1500.00		146.38	\$ 134,084.08	the state of the s	\$	-	1000.00	\$ 146,380.00	0.00	\$	
1	1-110	36-INCH BEND (ANY DEGREE)	EA	3.00	\$	13.86	\$ 20,790.00	0.00	\$	1917 - 191	0.00	\$ -	0.00	\$	(Aspects)
1	1-111	24-INCH BEND (ANY DEGREE)	EA	8.00	Construction of the	1,820.05	\$ 5,460.15	0.00	\$	-	3.00	\$ 5,460.15	0.00	\$	1 2. Tay - 2.
1	1-112	18-INCH BEND (ANY DEGREE)	EA	THE CONTRACTOR AND		1,190.56	\$ 9,524.48	0.00	\$		4.00	\$ 4,762.24	0.00	\$	
1	1-113	INSTALL DROP INTAKE (18-INCH)	EA	2.00	- Statestanting		\$ 2,265.76	0.00	\$	-	0.00	\$ -	0.00	\$	
1	1-114	CROSS-CONNECT THROUGH EXISTING TILE (6-INCH OR SMALLER)	EA	2.00		1,871.00	\$ 3,742.00	0.00	\$	1	1.00	\$ 1,871.00	0.00	\$	
1	1-115	CROSS-CONNECT THROUGH EXISTING TILE (18-INCH)	EA	2.00		4,500.00	\$ 9,000.00	0.00	\$	•	7.00	\$ 31,500.00	0.00	\$	
1	1-116	CONNECT EXISTING OFFSET WQI TO PROPOSED DI	EA	4.00	Contraction of the Contraction	5,500.00	\$ 22,000.00	0.00	\$	-	1.00	\$ 5,500.00	0.00	\$	123
1		CONNECT EXISTING TILE (6-INCH OR SMALLER)	EA			1,650.00	\$ 3,300.00	0.00	\$	-	0.00	\$.	0.00	\$	
1		CONNECT EXISTING TILE (8-INCH)	EA	21.00		1,350.00		0.00	\$		3.00	\$ 4,050.00	0.00	\$	
1	Contraction of the second second	CONNECT EXISTING TILE (18-INCH)	EA	2.00	and the second s	1,450.00	\$ 2,900.00	0.00	\$	-	0.00	\$ -	0.00	\$	
1		36-INCH SPOT REPAIR (PLUGGED TEE)	EA	2.00	Concerns of the second second	1,878.00	\$ 3,756.00	0.00	\$		0.00	\$ -	0.00	\$	
1	the second second second	36-INCH SPOT REPAIR (BAD SEAL ON INSERTED TEE)	EA	-1.00	State State States	1,020.00	\$ (1,020.00)	0.00	\$	•	1.00	\$ 1,020.00	0.00	\$	
L		18-INCH SPOT REPAIR (GRADE CHANGE)	EA	-2.00	and the second second	1,000.00	(2,000,00)	0.00	\$	-	0.00	\$ -	0.00	\$	Section 1
1	in the second	Grading and Ripping		-1.00	MERICAN AND SHO	2,848.00	(0)010.007	0.00	\$	-	0.00	\$.	0.00	\$	
3	3-302	Cap and Bury Drop Intake	AC EA	1.00		1,000.00	1,000.00	0.00	\$	~	1.00	\$ 1,000.00	0.00	\$	
				1.00	\$	500.00	500.00	0.00	\$		1.00	\$ \$00.00	0.00	\$	reprinded.
						L	\$ 327,528.79		\$	-		\$ 344,072.55		4	

Firefox

about:blank



May 26, 2021

DEPARTMENT OF REVENUE

> ID: Letter ID:

XX-XXX1052 L0251388192

#BWBBMRR #0000 0025 1388 1926# NOOMEN EXCAVATING LLC 2756 181ST ST CURRIE MN 56123-1049

Certificate of Compliance for Form IC134, Contractor Affidavit

The Minnesota Department of Revenue certifies that NOOMEN EXCAVATING LLC fulfilled their Minnesota Withholding Tax requirements for the following project:

Project Location:	VERONA TWP SEC 33
Project Owner:	FARIBAULT COUNTY
Project Number:	16587-1
Project Begin Date:	November, 2020
Project End Date:	December, 2020

What do I do with this certificate?

If you are a contractor, provide this certificate to the governmental unit or prime contractor who hired you for the project.

If you are the project owner, verify that the project location, owner, begin date, and end date are correct. If not, have the contractor resubmit Form IC134 to us with the correct information.

What if I have questions?

For details on Contractor Affidavit requirements, go to www.revenue.state.mn.us and type Withholding Fact Sheet 13 into the Search box. You may also contact us.

Income Tax and Withholding Division Phone: 651-282-9999 or 1-800-657-3594 (toll-free) Email: withholding.tax@state.mn.us

Damiel Itel

Daniel Getschel, Director Income Tax and Withholding Division

EJCDC			Contractor's App	p. 7	······ · · · · · · · · · · · · · · · ·	
ENGINEE	RS JOINT CONTRACT NTS COMMITTEE	Application Period:	5/27/2021 - 6/16/2021	Application Date:	6/21/2021	
To	Faribault County Drainage Authority	From	Brunz Construction Co. Inc.	Via	ISG	
(Owner):	415 S Grove Street	(Contractor):	P.O. Box 187	(Engineer):	Chuck Brandel	
	Blue Earth, MN 56013		Madison Lake, MN 56063		115 E Hickory St. Suite 300	
					Mankato, MN 56001	
Project:	Faribault County Ditch No. 21	Contract:				
	2020 Tile Repairs Bid Package #2					
Owner's C	Contract No.	Contractor's Proje	st No.	Engineer's Project No.	16587.2	

Application For Payment Change Order Summary

	Approved Change (Orders	
Number	Additions	Deductions	
1	\$299,921.00		
3	\$8,650.00		
4	-\$2,835.00		
5	\$600.00		
6	\$4,087.25		
TOTALS	\$310,423.25		
NET CHANGE BY CHANGE ORDERS	\$310,423.25		

1. ORIGINAL CONTR	ACT PRICE			\$ 67,424.00
2. Net change by Ch	nange Ord	ers		\$ 310,423.25
3. Current Contract	Price (Line	e 1 ± 2).		\$ 377,847.25
4. TOTAL COMPLETI				
(Column F total o	n Progress	s Estima	tes}	\$ 315,031.75
5, RETAINAGE:				
a,	х	\$	315,031.75 Work Completed	\$ -
b.	х	\$	- Stored Material	\$ -
c. Total Rei	tainage (Li	ne 5.a -	- Line 5.b}	\$ -
6. AMOUNT ELIGIBL	E TO DATI	E (Lîne 4	I - Line 5.c)	\$ 315,031.75
7. LESS PREVIOUS P	AYMENTS	(Line 6	from prior Application)	\$ 295,397.27
8. AMOUNT DUE TH	IS APPLIC	ATION	*********************	\$ 19,634.48
9, BALANCE TO FINIS	SH, PLUS R	ETAINA	GE	
(Column G total o	n Progress	: Estima	tes + Line 5.c above)	\$ -

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:

(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;

(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and

(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor Signature	
By: Bono R. P.	Date: 6(23/21

Payment of:	\$19,634.48	
	(Line 8 or other - attach explanation of the other amount)	•
is recommended by:	Child J. Ball	06/24/2021
	(Engineer)	(Date)
Payment of:		
	(Line 8 or other - attach explanation of the other amount)	
is approved by:		
	(Owner)	(Date)
Approved by:		

Funding or Financing Entity (if applicable)

(Date)

EJCDC® C-620 Contractor's Application for Payment © 2013 National Society of Professional Engineers for EJCDC. All rights reserved. Page 1 of 1

Faribault CD 21 - 2020 Tile Repairs

ISG Bid Package 2

 Pay Request
 7

 5/27/2021
 To
 6/16/2021

Bid Item Number	Bid Item	Unit	Quantitiy	Unit Price	Total Amount	Quantity This Pay Request	Amount This Pay Request	Quantity To Date	Amount To Date	Quantity Remaining	Amount Remaining
2021.501	MOBILIZATION	LS	1.00	\$1,000.00	\$1,000.00	0.00	\$0.00	1.00	\$1,000.00	0.00	\$0.00
2021.601	EXPLORATORY INVESTIGATION	HR	12.00	\$250.00	\$3,000.00	0.00	\$0.00	4.50	\$1,125.00	0.00	\$0.00
2106.501	SITE GRADING	AC	1.25	\$400.00	\$500.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
2503.603	36-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	7.00	\$3,095.00	\$21,665.00	0.00	\$0.00	5.00	\$15,475.00	0.00	\$0.00
2504.603	24-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	5.00	\$2,841.00	\$14,205.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
2505.603	24-INCH SPOT REPAIR (DENTED PIPE)	EA	1.00	\$2,891.00	\$2,891.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
2503.603	18-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	1.00	\$1,873.00	\$1,873.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
2503.603	15-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	7.00	\$1,495.00	\$10,465.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
2500.603	REMOVE AND INSTALL NEW 36-INCH TILE	LF	60.00	\$126.50	\$7,590.00	0.00	\$0.00	60.00	\$7,590.00	0.00	\$0.00
2506.603	36-INCH BEND (ANY DEGREE)	EA	4.00	\$350.00	\$1,400.00	0.00	\$0.00	2.00	\$700.00	0.00	\$0.00
2503.603	INSTALL 6-INCH PERFORATED TILE	LF	270.00	\$10.50	\$2,835.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
					\$67,424.00		\$0.00		\$25,890.00		\$0.00

ISG

Faribault CD 21 - 2020 Tile Repairs Bid Package 2

Pay Request 7

5/27/2021 To 6/16/2021

Change Order	Bid Item Number	Bid Item	Unit	Quantitiy	Unit Price	Total Amount	Quantity This Pay Request	Amount This Pay Request	Quantity To Date	Amount To Date Date	Quantity Remaining	Amount Remaining
1	1.101	OPEN CUT AND RESTORE GRAVEL ROADWAY	EA	1.00	\$3,000.00	\$3,000.00	0.00	\$0.00	1.00	\$3,000.00	0.00	\$0.00
1	1.102	GRANULAR PIPE FOUNDATION	CY	70.00	\$57.50	\$4,025.00	0.00	\$0.00	5.00	\$287.50	0.00	\$0.00
1	1.103	36-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	12.00	\$3,450.00	\$41,400.00	0.00	\$0.00	12.00	\$41,400.00	0.00	\$0.00
1	1.104	36-INCH SPOT REPAIR (LOW SPOT/ABRUPT GRADE CHANGE)	EA	2.00	\$5,800.00	\$11,600.00	0.00	\$0.00	2.00	\$11,600.00	0.00	\$0.00
1	1.105	36-INCH SPOT REPAIR (BAD SEAL ON INSERTED TEE)	EA	4.00	\$1,500.00	\$6,000.00	0.00	\$0.00	3.00	\$4,500.00	0.00	\$0.00
1	1.106	24-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	2.00	\$1,800.00	\$3,600.00	0.00	\$0.00	1.00	\$1,800.00	0.00	\$0.00
1	1.107	24-INCH SPOT REPAIR (BAD SEAL ON INSERTED TEE)	EA	1.00	\$1,450.00	\$1,450.00	0.00	\$0.00	1.00	\$1,450.00	0.00	\$0.00
1	1.108	18-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	1.00	\$1,700.00	\$1,700.00	0.00	\$0.00	2.00	\$3,400.00	0.00	\$0.00
1	1.109	18-INCH SPOT REPAIR (BAD SEAL ON INSERTED TEE)	EA	2.00	\$1,450.00	\$2,900.00	0.00	\$0.00	2.00	\$2,900.00	0.00	\$0.00
1	1.11	15-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	1.00	\$1,500.00	\$1,500.00	0.00	\$0.00	4.00	\$6,000.00	0.00	\$0.00
1	1.111	12-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	3.00	\$1,400.00	\$4,200.00	0.00	\$0.00	5.00	\$7,000.00	0.00	\$0.00
1	1.112	12-INCH SPOT REPAIR (BAD SEAL ON INSERTED TEE)	EA	4.00	\$1,450.00	\$5,800.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.113	36-INCH BEND (ANY DEGREE)	EA	4.00	\$700.00	\$2,800.00	0.00	\$0.00	5.00	\$3,500.00	0.00	\$0.00
1	1.114	24-INCH BEND (ANY DEGREE)	EA	14.00	\$600.00	\$8,400.00	0.00	\$0.00	6.00	\$3,600.00	0.00	\$0.00
1	1.115	18-INCH BEND (ANY DEGREE)	EA	2.00	\$500.00	\$1,000.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.116	12-INCH BEND (ANY DEGREE)	EA	4.00	\$400.00	\$1,600.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.117	10-INCH BEND (ANY DEGREE)	EA	4.00	\$300.00	\$1,200.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.118	REMOVE AND INSTALL NEW 10-INCH TILE	LF	180.00	\$19.00	\$3,420.00	0.00	\$0.00	100.00	\$1,900.00	0.00	\$0.00
1	1.119	REMOVE AND INSTALL NEW 12-INCH TILE	LF	130.00	\$20.00	\$2,600.00	0.00	\$0.00	340.00	\$6,800.00	0.00	\$0.00
1	1.12	REMOVE AND INSTALL NEW 18-INCH TILE	LF	35.00	\$25.00	\$875.00	0.00	\$0.00	20.00	\$500.00	0.00	\$0.00
1	1.121	REMOVE AND INSTALL NEW 24-INCH TILE	LF	1560.00	\$50.00	\$78,000.00	0.00	\$0.00	1805.00	\$90,250.00	0.00	\$0.00
1	1.122	REMOVE AND INSTALL NEW 36-INCH TILE	LF	884.00	\$73.00	\$64,532.00	0.00	\$0.00	894.00	\$65,262.00	0.00	\$0.00
1	1.123	INSTALL 6-INCH PERFORATED TILE	LF	270.00	\$10.50	\$2,835.00	0.00	\$0.00	10.00	\$105.00	0.00	\$0.00
1	1.124	JET & CLEAN 24-INCH TILE	LF	100.00	\$27.50	\$2,750.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.125	INSTALL DROP INTAKE (18-INCH)	EA	6.00	\$2,400.00	\$14,400.00	0.00	\$0.00	6.00	\$14,400.00	0.00	\$0.00

Completed Change Order Items

1	1.126	CROSS-CONNECT THROUGH EXISTING TILE (6-INCH OR SMALLER)	EA	1.00	\$1,000.00	\$1,000.00	0.00	\$0.00	2.00	\$2,000.00	0.00	\$0.00
1	1.127	CROSS-CONNECT THROUGH EXISTING TILE (12/15 INCH)	EA	1.00	\$2,000.00	\$2,000.00	0.00	\$0.00	2.00	\$4,000.00	0.00	\$0.00
1	1.128	CROSS-CONNECT THROUGH EXISTING TILE (18/24 INCH)	EA	1.00	\$2,500.00	\$2,500.00	0.00	\$0.00	1.00	\$2,500.00	0.00	\$0.00
1	1.129	CONNECT EXISTING OFFSET WQI TO PROPOSED DROP INTAKE	EA	5.00	\$2,500.00	\$12,500.00	0.00	\$0.00	2.00	\$5,000.00	0.00	\$0.00
1	1.13	CONNECT EXISTING TILE (6-INCH OR SMALLER)	EA	10.00	\$650.00	\$6,500.00	0.00	\$0.00	2.00	\$1,300.00	0.00	\$0.00
1	1.131	CONNECT EXISTING TILE (15-INCH)	EA	2.00	\$800.00	\$1,600.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.132	CONNECT EXISTING TILE (18/24-INCH)	EA	2.00	\$2,000.00	\$4,000.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.133	MNDOT SEED MIX 25-142 ON MNDOT CATEGORY 3 EROSION CONTROL BLANKET	SY	250.00	\$4.50	\$1,125.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.134	24-INCH SPOT REPAIR (DENTED PIPE)	EA	-1.00	\$2,891.00	-\$2,891.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
3	3.301	REMOVE AND INSTALL NEW 24-INCH TILE	LF	100.00	\$50.00	\$5,000.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
3	3.302	24-INCH BEND (ANY DEGREE)	EA	1.00	\$600.00	\$600.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
3	3.303	CROSS-CONNECT THROUGH EXISTING TILE (12/15 INCH)	EA	2.00	\$2,000.00	\$4,000.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
3	3.304	24-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	1.00	\$1,800.00	\$1,800.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
3	3.305	JET & CLEAN 24-INCH TILE	LF	-100.00	\$27.50	-\$2,750.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
4	4.401	INSTALL 6-INCH PERFORATED TILE	LF	-270.00	\$10.50	-\$2,835.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
5	5.501	Cap and Bury Drop Intake	EA	1.00	\$600.00	\$600.00	0.00	\$0.00	1.00	\$600.00	0.00	\$0.00
6	6.601	Core & Main Restocking Fees	LS	1.00	\$4,087.25	\$4,087.25	1.00	\$4,087.25	1.00	\$4,087.25	0.00	\$0.00
						\$310,423.25		\$4,087.25		\$289,141.75		\$0.00

		Change C	Order	1	No.	6
Date of Issuance:	6/21/2021			Effective Date	e:	
OWNER CONTRACTOR Project: OWNER'S Contract N ENGINEER	Faribault County Drainage Brunz Construction Co, Inc Faribault County Ditch No. o.: ISG	•		Bid Package 2 R'S Contract No	.:165	87.2
Description:	Restocking fee for unused	tile and fittings from	n Core and Main			
Item # Item Desci	iption		Uni	t Est Qty	Unit Price	Total Price
6.601 Restocking	Fee		LS	1.00	\$ 4.087.25	\$ 4,087.25
Original Contract Pric	; e \$67,424.00		Original Contra Substantial Co Ready for final	mpletion:		·
Net Increase (Decrea Orders No. <u>1</u> to <u>5</u>	se) from previous Change			m previous Cha : npletion:	inge Orders	
Contract Price prior t \$3	o this Change Order: 73,760.00		Substantial Cor Ready for final	payment;	-	
Net Increase (Decrea \$	se) of this Change Order: 4,087.25		Substantial Cor Ready for final		_	
Contract Price with a \$	l approved Change Order 77,847.25	S:	Substantial Cor Ready for final	npletion:	ed Change O	raers:
Recommended: By: <u>Chila</u> T. Beld ENGINEER (Authorized 6/21/2021	Approved: By: Signature) OWNE Date:	R (Authorized Signatu	Ву:_		A (Authorized Sign	ature)

DEPARTMENT OF REVENUE

Your Contractor Affidavit request is Approved. A copy of this page MUST be provided to the contractor or government agency that hired you.

Submitted Date and Time:	23-Jun-2021 2:18:25 PM
Confirmation Number:	0-285-318-184
Name:	BRUNZ CONSTRUCTION CO INC
ID:	2919603
Affidavit Number:	1569853440
Project Owner:	FARIBAULT COUNTY DRAINAGE AUTHORITY
Project Number:	16587.2
Project Begin Date:	12/1/2020
Project End Date:	6/3/2021
Project Location:	FARIBAULT COUNTY
Project Amount:	\$315,031.75
Subcontractors:	No Subcontractors

Please print this page for your records using the print or save functionality built into your browser.

EJO	CDC를		Contractor's App	lo. 5		
ENGINEE	RS JOINT CONTRACT NTS COMMITTEE	Application Period:	5/9/2021 - 6/17/2021	Application Date:	6/17/2021	
То	Faribault County Drainage Authority	From	Brunz Construction Co. Inc.	Via	ISG	
(Owner):	415 S Grove Street	(Contractor):	P.O. Box 187	(Engineer):	Chuck Brandel	
	Blue Earth, MN 56013		Madison Lake, MN 56063		115 E Hickory St. Suite 300	
					Mankato, MN 56001	
Project:	Faribault County Ditch No. 21 Tile Repairs - Bld Package #3	Contract:				
Owner's C	Contract No.	Contractor's Projec	et No.	Engineer's Project No	16587.3	

Application For Payment Change Order Summary

	Approved Change O	ders	1. ORIGINAL CONTRACT PRICE	\$ 163,487.50
Number	Additions	Deductions	2. Net change by Change Orders	\$ 5,740.00
1	\$3,940.00		3. Current Contract Price (Line 1 ± 2)	\$ 169,227.50
2	\$1,800.00		4. TOTAL COMPLETED AND STORED TO DATE	
			(Column F total on Progress Estimates)	\$ 205,503.50
			5. RETAINAGE:	
			a. X <u>\$ 205,503.50</u> Work Completed	\$
			b. X <u>\$ -</u> Stored Material	\$ -
			c. Total Retainage (Line 5.a + Line 5.b)	\$ -
			6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)	\$ 205,503.50
			7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	\$ 195,228.32
TOTALS	\$5,740.00		8. AMOUNT DUE THIS APPLICATION	\$ 10,275.18
NET CHANGE BY	,	\$5,740.00	9. BALANCE TO FINISH, PLUS RETAINAGE	
CHANGE ORDERS			(Column G total on Progress Estimates + Line 5.c above)	\$ -

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:

(1) All previous progress payments received from Owner on account of Work done under the Co have been applied on account to discharge Contractor's legitimate obligations incurred in conne with the Work covered by prior Applications for Payment;

(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in covered by this Application for Payment, will pass to Owner at time of payment free and clear o Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to indemnifying Owner against any such Liens, security interest, or encumbrances); and (3) All the Work covered by this Application for Payment is in accordance with the Contract Doci and is not defective.

	Payment of:	\$10,275.18	
ontract ection		(Line-8 or other - attach explanation of the other amount)	•
	is recommended by:	Child T. Bell	06/24/2021
or of all		(Engineer)	(Date)
o Owner	Payment of:		_
uments		(Line 8 or other - attach explanation of the other amount)	
	is approved by:		
		(Owner)	(Date)

\$10.275.18

Contractor Signature Date: 6/23/21 By: TOonor R.B.

Funding or Financing Entity (if applicable)

(Date)

EJCDC® C-620 Contractor's Application for Payment © 2013 National Society of Professional Engineers for EJCDC. All rights reserved. Page 1 of 1

Approved by:

Faribault CD 21 - 2020 Tile Repairs

Bid Package 3

ISG

 Pay Request
 5

 5/9/2021
 To
 6/17/2021

Bid Item Number	Bid Item	Unit	Quantitiy	Unit Price	Total Amount	Quantity This Pay Request	Amount This Pay Request	Quantity To Date	Amount To Date	Quantity Remaining	Amount Remaining
2021.501	MOBILIZATION	LS	1.00	\$500.00	\$500.00	0.00	\$0.00	1.00	\$500.00	0.00	\$0.00
2021.601	EXPLORATORY INVESTIGATION	HR	18.00	\$250.00	\$4,500.00	0.00	\$0.00	16.00	\$4,000.00	0.00	\$0.00
2106.501	SITE GRADING	AC	10.94	\$500.00	\$5,470.00	0.00	\$0.00	6.07	\$3,035.00	0.00	\$0.00
2503.603	36-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	3.00	\$3,095.00	\$9,285.00	0.00	\$0.00	4.00	\$12,380.00	0.00	\$0.00
2503.603	36-INCH SPOT REPAIR (PUNCTURED PIPE)	EA	1.00	\$3,236.00	\$3,236.00	0.00	\$0.00	2.00	\$6,472.00	0.00	\$0.00
2503.603	36-INCH SPOT REPAIR (PRIVATE TILE CONNECTION PROTRUDING)	EA	1.00	\$1,424.00	\$1,424.00	0.00	\$0.00	2.00	\$2,848.00	0.00	\$0.00
2503.603	30-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	1.00	\$3,186.00	\$3,186.00	0.00	\$0.00	4.00	\$12,744.00	0.00	\$0.00
2503.603	18-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	4.00	\$1,873.00	\$7,492.00	0.00	\$0.00	9.00	\$16,857.00	0.00	\$0.00
2503.603	18-INCH SPOT REPAIR (DENTED PIPE)	EA	1.00	\$1,873.00	\$1,873.00	0.00	\$0.00	2.00	\$3,746.00	0.00	\$0.00
2503.603	18-INCH SPOT REPAIR (BAD SEAL ON INSERTED TEE)	EA	1.00	\$1,424.00	\$1,424.00	0.00	\$0.00	1.00	\$1,424.00	0.00	\$0.00
2503.603	REMOVE AND INSTALL NEW 30-INCH TILE	LF	1820.00	\$58.00	\$105,560.00	0.00	\$0.00	1907.00	\$110,606.00	0.00	\$0.00
2504.603	REMOVE AND INSTALL NEW 18-INCH TILE	LF	20.00	\$126.00	\$2,520.00	0.00	\$0.00	19.00	\$2,394.00	0.00	\$0.00
2506.603	36-INCH BEND (ANY DEGREE)	EA	6.00	\$500.00	\$3,000.00	0.00	\$0.00	9.00	\$4,500.00	0.00	\$0.00
2503.603	INSTALL 6-INCH PERFORATED TILE	LF	1335.00	\$10.50	\$14,017.50	0.00	\$0.00	1435.00	\$15,067.50	0.00	\$0.00
					\$163,487.50		\$0.00		\$196,573.50		\$0.00

ISG

Faribault CD 21 - 2020 Tile Repairs Bid Package 3

Pay Request 5

5/9/2021 To 6/17/2021

Change Order	Bid Item Number	Bid Item	Unit	Quantitiy	Unit Price	Total Amount	Quantity This Pay Request	Amount This Pay Request	Quantity To Date	Amount To Date Date	Quantity Remaining	Amount Remaining
1	1.101	TILE CONNECTION - 6 INCH	EA	4.00	\$750.00	\$3,000.00	0.00	\$0.00	7.00	\$5,250.00	0.00	\$0.00
1	1.102	CROSS CONNECTION - 18 INCH	EA	1.00	\$940.00	\$940.00	0.00	\$0.00	2.00	\$1,880.00	0.00	\$0.00
2	2.201	Cap and Bury Drop Intake	EA	3.00	\$600.00	\$1,800.00	0.00	\$0.00	3.00	\$1,800.00	0.00	\$0.00
						\$5,740.00		\$0.00		\$8,930.00		\$0.00

DEPARTMENT OF REVENUE

Your Contractor Affidavit request is Approved. A copy of this page MUST be provided to the contractor or government agency that hired you.

Submitted Date and Time:	23-Jun-2021 10:17:48 AM
Confirmation Number:	1-606-617-248
Name:	BRUNZ CONSTRUCTION OF INC
ID:	2919603
Affidavit Number:	754847744
Project Owner:	FARIBAULT COUNTY DRAINAGE AUTHORITY
Project Number:	16587.3
Project Begin Date:	6/29/2020
Project End Date:	5/20/2021
Project Location:	FARIBAULT COUNTY
Project Amount:	\$203,508.50
Subcontractors:	No Subcontractors

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Please print this page for your records using the print or save functionality built into your browser.

EIC	CDC		Contractor's App	lication for Payment	No. 9	
ENGINEER	RS JOINT CONTRACT NTS COMMITTEE	Application Period:	5/9/2021 - 6/17/2021	Application Date:	6/17/2021	
Το	Faribault County Drainage Authority	From	Brunz Construction Co. Inc.	Vla	ISG	
(Owner):	415 S Grove Street	(Contractor):	P.O. Box 187	(Engineer):	Chuck Brandel	
	Blue Earth, MN 56013		Madison Lake, MN 56063		115 E Hickory St. Suite 300	
					Mankato, MN 56001	
Project:	Faribault County Ditch No. 21	Contract:				
	2020 Tile Repairs Bid Package #4					
Owner's Contract No.		Contractor's Proje	ct No.	Engineer's Project N	o. 16587.4	

Application For Payment Change Order Summary

	Approved Change Orde	ers	
Number	Additions	Deductions	
1	\$268,520.50	-\$15,736.00	
2	\$48,385.00	-\$15,920,00	
3	\$29,518.00		
4	\$600.00		
		······································	
TOTALS	\$347,023.50	-\$31,656.00	
NET CHANGE BY CHANGE ORDERS	\$31	5,367.50	

1. ORIGINAL CON	TRACT PRICE				\$ 89,495.00
2. Net change by	Change Orde	ers			\$ 315,367.50
3. Current Contra	ct Price (Line	1±2).			\$ 404,862.50
4, TOTAL COMPLE	ETED AND STO	ORED T	O DATE		
(Column F tota	l on Progress	Estima	tes)		\$ 392,828.50
5. RETAINAGE:					
a.	х	\$	392,828.50	Work Completed	\$ -
b.	х	\$	-	Stored Material	\$
c. Total f	Retainage (Li)	ne 5.a 4	· Line 5.b}	-	\$ -
6. AMOUNT ELIG	IBLE TO DATE	E (Line 4	I - Line 5.c)		\$ 392,828.50
7. LESS PREVIOUS	PAYMENTS	(Line 6	from prior App	lication)	\$ 373,187.07
8. AMOUNT DUE	THIS APPLIC	ATION			\$ 19,641.43
9, BALANCE TO FI	NISH, PLUS RI	ETAINA	GE		
(Column G total	on Progress	Estima	tes + Line 5.c al	oove)	\$ -

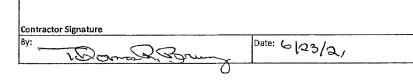
Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:

(1)-All-previous-progress-payments-received-from-Owner-on-account-of-Work-done-under-the-Contracthave been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;

(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and

(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.



Payment of:	\$19,641.43	
is recommended by:	(Line 8 or other - attach explanation of the other amount)	06/24/2021
is recommended by:	(Engineer)	(Date)
Payment of:		
	(Line 8 or other - attach explanation of the other amount)	
is approved by:		• • • • • • • • • • • • • • • • • • • •
	(Owner)	(Date)
Approved by:		· ·
	Funding or Financing Entity (if applicable)	(Date)

Faribault CD 21 - 2020 Tile Repairs

ISG Bid Package 4

 Pay Request
 9

 5/9/2021
 To
 6/17/2021

Bid Item Number	Bid Item	Unit	Quantitiy	Unit Price	Total Amount	Quantity This Pay Request	Amount This Pay Request	Quantity To Date	Amount To Date	Quantity Remaining	Amount Remaining
2021.501	MOBILIZATION	LS	1.00	\$2,000.00	\$2,000.00	0.00	\$0.00	1.00	\$2,000.00	0.00	\$0.00
2021.601	EXPLORATORY INVESTIGATION	HR	20.00	\$200.00	\$4,000.00	0.00	\$0.00	18.00	\$3,600.00	0.00	\$0.00
2106.501	SITE GRADING	AC	14.60	\$200.00	\$2,920.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
2503.603	36-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	17.00	\$3,095.00	\$52,615.00	0.00	\$0.00	18.00	\$55,710.00	0.00	\$0.00
2503.603	36-INCH SPOT REPAIR (LOW SPOT/ABRUPT GRADE CHANGE)	EA	1.00	\$1,424.00	\$1,424.00	0.00	\$0.00	2.00	\$2,848.00	0.00	\$0.00
2503.603	36-INCH SPOT REPAIR (NO INSERTA TEE USED)	EA	17.00	\$900.00	\$15,300.00	0.00	\$0.00	7.00	\$6,300.00	0.00	\$0.00
2503.603	36-INCH SPOT REPAIR (DENTED PIPE)	EA	2.00	\$1,873.00	\$3,746.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
2503.603	15-INCH SPOT REPAIR (BAD SEAL ON INSERTA TEE)	EA	4.00	\$900.00	\$3,600.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
2503.603	15-INCH SPOT REPAIR (PRIVATE TILE CONNECTION PROTRUDING)	EA	1.00	\$900.00	\$900.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
2503.603	15-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	2.00	\$1,495.00	\$2,990.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
					\$89,495.00		\$0.00		\$70,458.00		\$0.00

ISG

Faribault CD 21 - 2020 Tile Repairs Bid Package 4

Pay Request 9

5/9/2021 To 6/17/2021

Change Order	Bid Item Number	Bid Item	Unit	Quantitiy	Unit Price	Total Amount	Quantity This Pay Request	Amount This Pay Request	Quantity To Date	Amount To Date Date	Quantity Remaining	Amount Remaining
1	1.101	GRANULAR PIPE FOUNDATION	CY	75.00	\$57.50	\$4,312.50	0.00	\$0.00	77.00	\$4,427.50	0.00	\$0.00
1	1.102	36-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	3.00	\$3,450.00	\$10,350.00	0.00	\$0.00	4.00	\$13,800.00	0.00	\$0.00
1	1.103	36-INCH BEND (ANY DEGREE)	EA	18.00	\$755.00	\$13,590.00	0.00	\$0.00	9.00	\$6,795.00	0.00	\$0.00
1	1.104	15-INCH BEND (ANY DEGREE)	EA	7.00	\$500.00	\$3,500.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.105	REMOVE AND INSTALL NEW 15INCH TILE	LF	1372.00	\$46.00	\$63,112.00	0.00	\$0.00	1310.00	\$60,260.00	0.00	\$0.00
1	1.106	REMOVE AND INSTALL NEW 36-INCH TILE	LF	1482.00	\$73.00	\$108,186.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.107	INSTALL NEW 10-INCH HDPE	LF	150.00	\$19.00	\$2,850.00	0.00	\$0.00	200.00	\$3,800.00	0.00	\$0.00
1	1.108	INSTALL 6-INCH PERFORATED TILE	LF	540.00	\$10.50	\$5,670.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.109	JET & CLEAN 36-INCH TILE	LF	645.00	\$20.00	\$12,900.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.11	INSTALL DROP INTAKE (18-INCH)	EA	6.00	\$2,400.00	\$14,400.00	0.00	\$0.00	3.00	\$7,200.00	0.00	\$0.00
1	1.111	CROSS-CONNECT THROUGH EXISTING TILE (6-INCH OR SMALLER)	EA	2.00	\$1,000.00	\$2,000.00	0.00	\$0.00	2.00	\$2,000.00	0.00	\$0.00
1	1.112	CROSS-CONNECT THROUGH EXISTING TILE (12/15 INCH)	EA	2.00	\$2,000.00	\$4,000.00	0.00	\$0.00	3.00	\$6,000.00	0.00	\$0.00
1	1.113	CROSS-CONNECT THROUGH EXISTING TILE (18/24 INCH)	EA	1.00	\$2,500.00	\$2,500.00	0.00	\$0.00	2.00	\$5,000.00	0.00	\$0.00
1	1.114	CONNECT EXISTING OFFSET WQI TO PROPOSED DROP INTAKE	EA	2.00	\$2,500.00	\$5,000.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.115	CONNECT EXISTING TILE (6-INCH OR SMALLER)	EA	15.00	\$650.00	\$9,750.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.116	CONNECT EXISTING TILE (15-INCH)	EA	3.00	\$800.00	\$2,400.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.117	CONNECT EXISTING TILE (18/24-INCH)	EA	2.00	\$2,000.00	\$4,000.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.118	15-INCH SPOT REPAIR (BAD SEAL ON INSTERTED TEE)	EA	-4.00	\$900.00	-\$3,600.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.119	NCH SPOT REPAIR (PRIVATE TILE CONNECTION PROTRUD	EA	-1.00	\$900.00	-\$900.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.12	15-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	-2.00	\$1,495.00	-\$2,990.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.121	36-INCH SPOT REPAIR (DENTED PIPE)	EA	-2.00	\$1,873.00	-\$3,746.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1.122	36-INCH SPOT REPAIR (NO INSERTED TEE)	EA	-5.00	\$900.00	-\$4,500.00	0.00	\$0.00	5.00	\$4,500.00	0.00	\$0.00
2	2.201	REMOVE AND INSTALL NEW 36-INCH TILE	LF	645.00	\$73.00	\$47,085.00	0.00	\$0.00	2215.00	\$161,695.00	0.00	\$0.00
2	2.202	CONNECT EXISTING TILE (6-INCH OR SMALLER)	EA	2.00	\$650.00	\$1,300.00	0.00	\$0.00	20.00	\$13,000.00	0.00	\$0.00
2	2.203	JET & CLEAN 36-INCH TILE	LF	-645.00	\$20.00	-\$12,900.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
2	2.204	36-INCH BEND (ANY DEGREE)	EA	-4.00	\$755.00	-\$3,020.00	0.00	\$0.00	5.00	\$3,775.00	0.00	\$0.00
3	3.301	INSTALL 6-INCH PERFORATED TILE	LF	1636.00	\$10.50	\$17,178.00	0.00	\$0.00	1636.00	\$17,178.00	0.00	\$0.00
3	3.302	INSTALL DROP INTAKE (10-INCH)	EA	1.00	\$1,500.00	\$1,500.00	0.00	\$0.00	1.00	\$1,500.00	0.00	\$0.00
3	3.303	EMOVE AND INSTALL NEW 24-INCH TILE (EXTRA BEDDING	LF	160.00	\$61.50	\$9,840.00	0.00	\$0.00	160.00	\$9,840.00	0.00	\$0.00
3	3.304	24-INCH SPOT REPAIR (OLD MAIN)	EA	2.00	\$500.00	\$1,000.00	0.00	\$0.00	2.00	\$1,000.00	0.00	\$0.00
4	4.401	Cap and Bury Drop Intake	EA	1.00	\$600.00	\$600.00	0.00	\$0.00	1.00	\$600.00	0.00	\$0.00
						\$315,367.50		\$0.00		\$322,370.50		\$0.00

DEPARTMENT OF REVENUE

Your Contractor Affidavit request is Approved. A copy of this page MUST be provided to the contractor or government agency that hired you.

Submitted Date and Time:	23-Jun-2021 4‡17:09 PM
Confirmation Number:	0-051-202-208
Name:	BRUNZ CONSTRUCTION CO INC
ID:	2919603
Affidavit Number:	1470369792
Project Owner:	FARIBAULT COUNTY
Project Number:	16587.4
Project Begin Date:	4/28/2020
Project End Date:	5/7/2021
Project Location:	FARIBAULT COUNTY
Project Amount:	\$392,828\$50
Subcontractors:	No Subcontractors

Please print this page for your records using the print or save functionality built into your browser.

FJC	CDC =		Contractor's App	. 7		
ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE		Application Period:	5/9/2021 - 6/17/2021	Application Date:	6/17/2021	
То	Faribault County Drainage Authority	From	Brunz Construction Co. Inc.	Vía	ISG	
(Owner):	415 S Grove Street	(Contractor):	P.O. Box 187	(Engineer):	Chuck Brandel	
	Blue Earth, MN 56013		Madison Lake, MN 56063		115 E Hickory St. Suite 300	
				· · · · · · · · · · · · · · · · · · ·	Mankato, MN 56001	
Project:	Faribault County Ditch No. 21	Contract:				
	2020 Tile Repairs Bid Package #5					
Owner's C	ontract No.	Contractor's Projec	rt No.	Engineer's Project No.	16587.5	

Application For Payment Change Order Summary

Additions \$217,875.00 \$31,920.00	Deductions	
621 020 00		
221,920.00		
\$600.00		
, <u></u> _		
	·	
\$250,395.00		
\$250,395.00		
	\$250,395.00	

1. ORIGINAL CONTRACT PRICE						69,400.00
2. Net change by Change Orders						250,395.00
3. Current Contract	t Price (Lir	ne 1 ± 2).			\$	319,795.00
4. TOTAL COMPLET						
(Column F total c	on Progres	ss Estima	ıtes)		\$	273,745.00
5. RETAINAGE:						
a.	х	\$	273,745.00	Work Completed	\$	-
b.	х	\$	-	Stored Material	\$	-
c. Total Retainage (Line 5.a + Line 5.b)						-
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)						273,745.00
7, LESS PREVIOUS PAYMENTS (Line 6 from prior Application)						260,057.75
8. AMOUNT DUE THIS APPLICATION						13,687.25
9. BALANCE TO FINI	SH, PLUS	RETAINA	GE			
(Column G total on Progress Estimates + Line 5.c above)						-

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:

(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;

(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and
(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents

and is not defective.

Contractor Signature	
BY: Comos R, Bung	Date: 0/23/21

Payment of:	\$13,687.25	
	{Line 8 or other - attach explanation of the other amount}	•
is recommended by:	Chilo J. Bell	06/24/2021
	(Engineer)	(Date)
Payment of:		
	(Line 8 or other - attach explanation of the other amount)	
is approved by:		
	(Owner)	(Date)
Approved by:		

Funding or Financing Entity (if applicable)

(Date)

EJCDC® C-620 Contractor's Application for Payment © 2013 National Society of Professional Engineers for EJCDC. All rights reserved. Page 1 of 1

Faribault CD 21 - 2020 Tile Repairs

Bid Package 5

ISG

 Pay Request
 7

 5/9/2021
 To
 6/17/2021

Bid Item Number	Bid Item	Unit	Quantitiy	Unit Price	Total Amount	Quantity This Pay Request	Amount This Pay Request	Quantity To Date	Amount To Date	Quantity Remaining	Amount Remaining
2021.501	MOBILIZATION	LS	1.00	\$1,000.00	\$1,000.00	0.00	\$0.00	1.00	\$1,000.00	0.00	\$0.00
2021.601	EXPLORATORY INVESTIGATION	HR	5.00	\$200.00	\$1,000.00	0.00	\$0.00	14.00	\$2,800.00	0.00	\$0.00
2503.603	24-INCH SPOT REPAIR (DEFLECTION/ BAD JOINT)	EA	10.00	\$2,500.00	\$25,000.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
2503.603	24-INCH SPOT REPAIR (LOW SPOT/ABRUPT GRADE CHANGE)	EA	1.00	\$3,500.00	\$3,500.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
2503.603	REMOVE AND INSTALL NEW 24-INCH TILE	LF	680.00	\$50.00	\$34,000.00	0.00	\$0.00	1240.00	\$62,000.00	0.00	\$0.00
2503.603	24-INCH BEND (ANY DEGREE)	EA	14.00	\$350.00	\$4,900.00	0.00	\$0.00	6.00	\$2,100.00	0.00	\$0.00
					\$69,400.00		\$0.00		\$67,900.00		\$0.00

ISG

Faribault CD 21 - 2020 Tile Repairs Bid Package 5

Pay Request 7

5/9/2021 To 6/17/2021

Change Order	Bid Item Number	Bid Item	Unit	Quantitiy	Unit Price	Total Amount	Quantity This Pay Request	Amount This Pay Request	Quantity To Date	Amount To Date Date	Quantity Remaining	Amount Remaining
1	1-101	REMOVE AND INSTALL NEW 24-INCH TILE	LF	3920.00	\$50.00	\$196,000.00	0.00	\$0.00	3190.00	\$159,500.00	0.00	\$0.00
1	1-102	INSTALL 8-INCH PERFORATED SUB-MAIN	LF	1500.00	\$12.50	\$18,750.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1-103	24-INCH BEND (ANY DEGREE)	EA	7.00	\$475.00	\$3,325.00	0.00	\$0.00	3.00	\$1,425.00	0.00	\$0.00
1	1-104	INSTALL DROP INTAKE (18-INCH)	EA	5.00	\$1,200.00	\$6,000.00	0.00	\$0.00	4.00	\$4,800.00	0.00	\$0.00
1	1-105	CROSS-CONNECT THROUGH EXISTING TILE (6-INCH OR SMALLER)	EA	4.00	\$1,000.00	\$4,000.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1-106	CROSS-CONNECT THROUGH EXISTING TILE (18-INCH)	EA	2.00	\$2,400.00	\$4,800.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1-107	CONNECT EXISTING OFFSET WQI TO PROPOSED DROP INTAKE	EA	2.00	\$1,500.00	\$3,000.00	0.00	\$0.00	2.00	\$3,000.00	0.00	\$0.00
1	1-108	CONNECT EXISTING TILE (6-INCH OR SMALLER)	EA	10.00	\$550.00	\$5,500.00	0.00	\$0.00	4.00	\$2,200.00	0.00	\$0.00
1	1-109	CONNECT EXISTING TILE (8-INCH)	EA	2.00	\$700.00	\$1,400.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1-110	CONNECT EXISTING TILE (18-INCH)	EA	2.00	\$1,800.00	\$3,600.00	0.00	\$0.00	1.00	\$1,800.00	0.00	\$0.00
1	1-111	24-INCH SPOT REPAIR (DEFLECTION/BAD JOINT)	EA	-10.00	\$2,500.00	-\$25,000.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
1	1-112	24-INCH SPOT REPAIR (LOW SPOT/ABRUPT GRADE CHANGE)	EA	-1.00	\$3,500.00	-\$3,500.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
2	2-201	INSTALL 6-INCH PERFORATED TILE	LF	3040.00	\$10.50	\$31,920.00	0.00	\$0.00	3040.00	\$31,920.00	0.00	\$0.00
3	3-301	Cap and Bury Drop Intake	EA	2.00	\$600.00	\$1,200.00	0.00	\$0.00	2.00	\$1,200.00	0.00	\$0.00
						\$250,995.00		\$0.00		\$205,845.00		\$0.00

DEPARTMENT OF REVENUE

Your Contractor Affidavit request is Approved. A copy of this page MUST be provided to the contractor or government agency that hired you.

Submitted Date and Time:	23-Jun-2@21 3:47:44 PM
Confirmation Number:	1-194-100-896
Name:	BRUNZ CONSTRUCTION CO INC
ID:	2919603
Affidavit Number:	1955467264
Project Owner:	FARIBAULT COUNTY
Project Number:	16587.5
Project Begin Date:	8/19/2020
Project End Date:	6/4/2021
Project Location:	FARIBAৠLT COUNTY
Project Amount:	\$273,745.00
Subcontractors:	No Subcontractors

Please print this page for your records using the print or save functionality built into your browser.

APPENDIX E: Construction Pictures

Faribault County Ditch No. 21 – Open Ditch & Tile Repair Bid Packages

Appendix E

ARCHITECTURE + ENGINEERING + ENVIRONMENTAL + PLANNING

Open Ditch Repair Contract: Brunz Construction



Typical slough repair with side slope seeding with MnDOT erosion control blanket.



Branch 275 Outlet with Rip Rap overflow (near) and Typical tile outlet (across ditch)



Typical slough repair with Rip Rap Toe stabilization and side slope seeding with MnDOT erosion control blanket.

Typical open ditch cleaning.

Faribault County Ditch No. 21 – Open Ditch & Tile Repair Bid Packages

Tile Repairs – Bid Package 1: Noomen Excavating



New tile was connected to existing HDPE tile for reroute repair.



Typical tile installation with the spoon trench method.



Installed tile was backfilled with rock granular material.



Typical tile installation with the spoon trench method. A bend was gradually made without a fitting.

Faribault County Ditch No. 21 – Open Ditch & Tile Repair Bid Packages

Tile Repairs – Bid Package 2: Brunz Construction



Typical tile installation with flat bottom trench and granular backfill.



Installed drop intake and connected existing tile line into it.



Existing HDPE tile line was capped and abandoned.

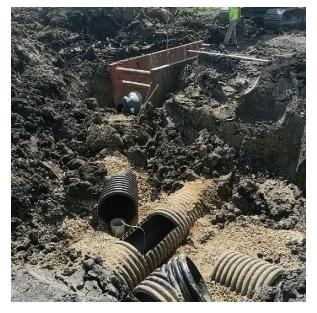


Connected to existing HDPE tile with multiple prefabricated bends.

Faribault County Ditch No. 21 – Open Ditch & Tile Repair Bid Packages

Tile Repairs – Bid Package 3: Brunz Construction





New tile spliced into existing line. Bedded and completely encased in rock.

Beginning of Tile Reroute. Existing tile being utilized to pump water from new trench. Existing tile bulkheaded upstream.



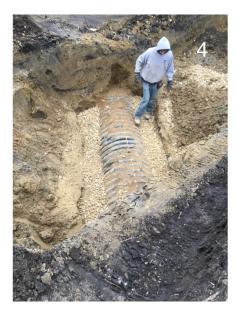
Trench box used for safe installation of tile re-route. Spooned bottom tile installation is being used.



Private tile connection made with dual wall, HDPE pipe.

Faribault County Ditch No. 21 – Open Ditch & Tile Repair Bid Packages

Tile Repairs – Bid Package 4: Brunz Construction



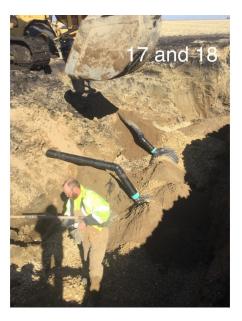
Deflections repaired by releasing pressure from tile and compacting rock along the sides to support pipe.



Typical tile installation with flat bottom trench and granular backfill. Rock used around all fittings.



Cross connection was moved to install intake in proper location.



Private tile connections were repaired and encased in granular material.

Faribault County Ditch No. 21 – Open Ditch & Tile Repair Bid Packages

Tile Repairs – Bid Package 5: Brunz Construction



Typical tile installation with flat bottom trench and compacted granular backfill.



Drop intake was replaced, wrapped in fabric, and backfilled per specifications.



Connection point for re-route of tile. Crushing of original install is clear.



New installation of Branch 275. Existing HDPE line was capped and encased in rock.

Faribault County Ditch No. 21 – Open Ditch & Tile Repair Bid Packages