

PLOTTED/REVISED: 03/11/25

PATH & FILENAME: C:\Project Working Files\23544 - CSAH 35\23544\_titlesheet.dgn

# MINNESOTA DEPARTMENT OF TRANSPORTATION

## OTTER TAIL COUNTY, MN

CONSTRUCTION PLAN FOR FULL DEPTH RECLAMATION, GRADING, BITUMINOUS SURFACING.....  
LOCATED ON C.S.A.H. 35.....FROM MN.T.H. 108.....TO C.S.A.H. 4.....

SECTIONS 7, 8, 9, 16, 17, 18, 21, 27, 28

SECTIONS 1, 2, 11, 12, 13, 14

SECTIONS 25, 36

TOWNSHIP 136N

TOWNSHIP 136N

TOWNSHIP 137N

RANGE 40W

RANGE 41W

RANGE 41W

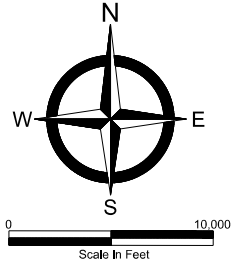
S.A.P. NO. 056-635-043

GROSS LENGTH...57,004.06...FEET...10.796 MILES

BRIDGES-LENGTH.....0.00.....FEET...0.000 MILES

EXCEPTIONS-LENGTH...0.00.....FEET...0.000 MILES

NET LENGTH.....57,004.06.....FEET...10.796 MILES



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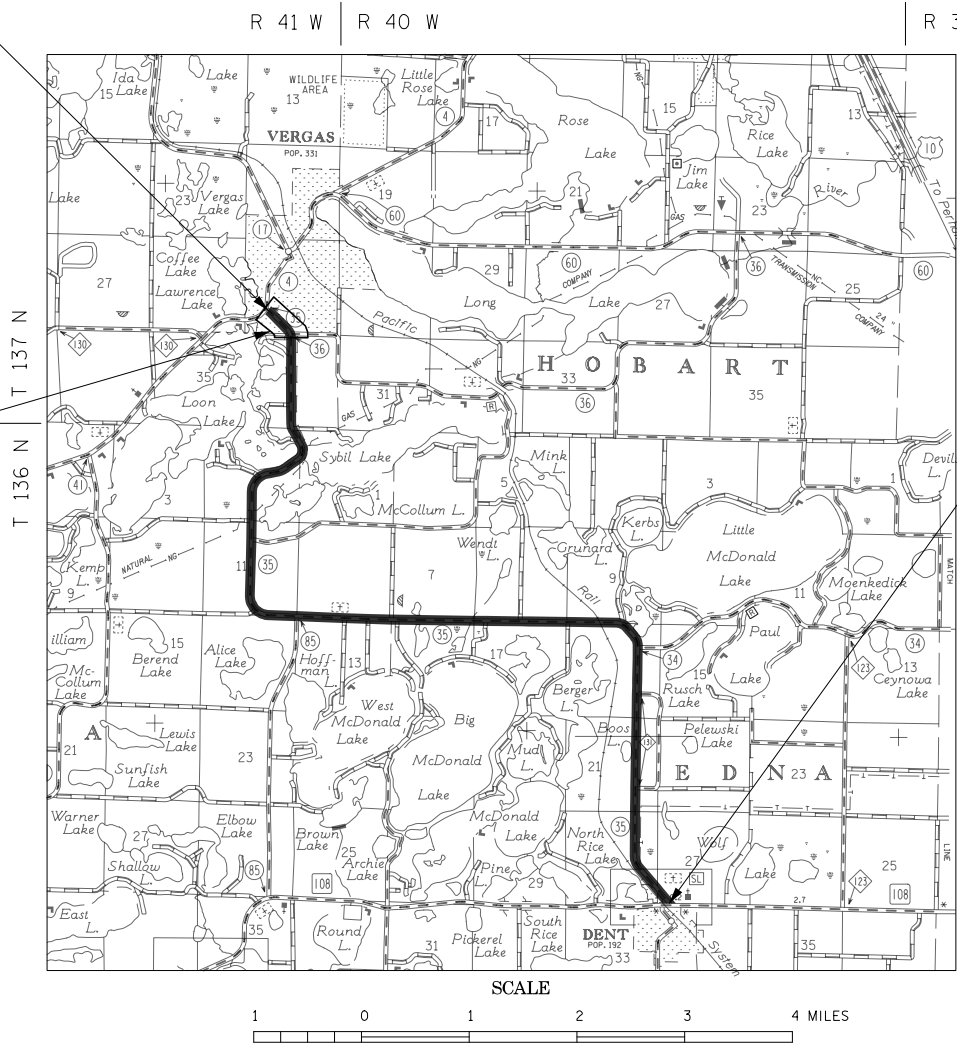
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Design ESALS .2045 = ...467,000.....  
ADT (Current Year) 2025 = ...1433.....  
ADT (Future Year) 2045 = ...1476.....  
R - VALUE = ..36  
ESALS = ..629,000..  
DESIGN = ..10 TON..  
DESIGN STANDARDS = 8820.9926..  
Design Speed Varies 30 MPH URBAN  
                              55 MPH RURAL  
Based on STOPPING Sight Distance  
Height of eye 3.5' Height of object ...2.0'..  
Design Speed not achieved at:  
STA. .396+92.08 TO STA. .408+82.08 MPH 50  
STA. .471+37.08 TO STA. .487+38.77 MPH 45  
Functional Classification: Minor/Major Collector

END S.A.P. 056-635-043  
STA. 580+08.43

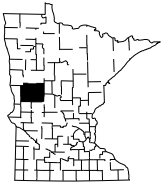
MUNICIPAL

BEGIN S.A.P. 056-635-043  
STA. 10+04.37

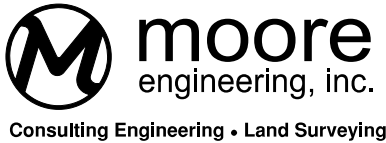


| SCALES         |         |
|----------------|---------|
| PLAN           | 100'    |
| PROFILE        | 100'    |
|                | HORIZ.  |
|                | 10'     |
| INDEX MAP      | VERT.   |
|                | 10,000' |
| GENERAL LAYOUT | 500'    |

| PLAN REVISIONS |           |             |
|----------------|-----------|-------------|
| DATE           | SHEET NO. | APPROVED BY |
|                |           |             |
|                |           |             |
|                |           |             |
|                |           |             |
|                |           |             |



PROJECT LOCATION  
COUNTY : OTTER TAIL  
DISTRICT : 4.....



S.A.P. 056-635-043 (CSAH 35)

SHEET NO. 1 OF 124 SHEETS

### GOVERNING SPECIFICATIONS

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.  
ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST MMUTCD, INCLUDING THE LATEST FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.  
THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-22, ENTITLED, "STANDARD GUIDELINE FOR INVESTIGATING AND DOCUMENTING EXISTING UTILITIES".

THIS PLAN CONTAINS 124 SHEETS

I HEREBY CERTIFY THAT THIS PLAN 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.

PRINT NAME: NICK ANDERSON LICENSE # 40100

DATE: 3/11/2025 SIGNATURE: Nicholas A. Anderson

PROJECT MANAGER RYAN QODEN

RECOMMENDED FOR APPROVAL KRYSIEN SAATELA FOSTER OTTER TAIL COUNTY ENGINEER DATE

REVIEWED FOR COMPLIANCE WITH STATE AID RULES/POLICY DISTRICT STATE AID ENGINEER DATE

APPROVED FOR STATE AID FUNDING STATE AID ENGINEER DATE

PATH & FILENAME: C:\Project Working Files\23544 - CSAH 35\23544\_SE0&TABS.dgn  
PLOTTED/REVISED: 03/11/25

| STATEMENT OF ESTIMATED QUANTITIES |           |         |          |                                                     |           |                         |                     |                          |
|-----------------------------------|-----------|---------|----------|-----------------------------------------------------|-----------|-------------------------|---------------------|--------------------------|
| S.A.P. 056-635-043                |           |         |          |                                                     |           |                         |                     |                          |
| ITEM NO.                          | SHEET NO. | TAB.    | SPEC NO. | DESCRIPTION                                         | UNITS     | PARTICIPATING MUNICIPAL | PARTICIPATING RURAL | TOTAL ESTIMATED QUANTITY |
| 1                                 |           |         | 2021.501 | MOBILIZATION                                        | LUMP SUM  | 0.035                   | 0.965               | 1                        |
| 2                                 |           |         | 2051.501 | MAINT AND RESTORATION OF HAUL ROADS                 | LUMP SUM  | 0.035                   | 0.965               | 1                        |
| 3                                 |           |         | 2101.501 | CLEARING AND GRUBBING                               | LUMP SUM  |                         | 1                   | 1                        |
| 4                                 | 3,6       | D,Q     | 2104.503 | SAWING BITUMINOUS PAVEMENT (FULL DEPTH)             | LIN FT    | 23                      | 337                 | 360                      |
| 5                                 | 3         | G       | 2104.503 | REMOVE CATTLE PASS                                  | 1. LIN FT |                         | 66                  | 66                       |
| 6                                 | 4         | H,J     | 2104.504 | REMOVE BITUMINOUS DRIVEWAY PAVEMENT                 | SQ YD     | 349                     | 6808                | 7157                     |
| 7                                 | 6         | Q       | 2104.504 | REMOVE BITUMINOUS PAVEMENT                          | SQ YD     |                         | 341                 | 341                      |
| 8                                 | 3         | F       | 2104.507 | REMOVE AGGREGATE                                    | CU YD     | 525                     | 9220                | 9745                     |
| 9                                 | 3         | A       | 2104.518 | REMOVE CONCRETE WALK                                | SQ FT     |                         | 339                 | 339                      |
| 10                                | 6         | L       | 2106.507 | EXCAVATION - COMMON                                 | (P) CU YD | 328                     | 14916               | 15244                    |
| 11                                | 6         | L       | 2106.507 | GRANULAR EMBANKMENT (CV)                            | (P) CU YD | 244                     | 6386                | 6630                     |
| 12                                | 6         | L       | 2106.507 | SELECT GRANULAR EMBANKMENT (CV)                     | (P) CU YD |                         | 736                 | 736                      |
| 13                                | 6         | L       | 2106.507 | COMMON EMBANKMENT (CV)                              | (P) CU YD | 249                     | 14412               | 14661                    |
| 14                                | 6         | L       | 2108.504 | GEOTEXTILE FABRIC TYPE 5                            | SQ YD     |                         | 220                 | 220                      |
| 15                                | 4,6       | H,J,M   | 2118.509 | AGGREGATE SURFACING CLASS 1                         | TON       | 97                      | 2665                | 2762                     |
| 16                                | 3,4,6     | A,H,J,Q | 2211.509 | AGGREGATE BASE CLASS 5                              | TON       | 104.7                   | 2131.8              | 2236.5                   |
| 17                                | 3         | E       | 2215.504 | FULL DEPTH RECLAMATION                              | SQ YD     | 10428                   | 198947              | 209375                   |
| 18                                | 3         | E       | 2215.504 | STABILIZED FULL DEPTH RECLAMATION                   | 3. SQ YD  | 10428                   | 198947              | 209375                   |
| 19                                | 3,4       | B,H,J   | 2360.509 | TYPE SP 9.5 WEARING COURSE MIXTURE (3,C)            | 4. TON    | 795                     | 17682               | 18477                    |
| 20                                | 3,4       | B,H,J   | 2360.509 | TYPE SP 12.5 WEARING COURSE MIXTURE (3,C)           | 4. TON    | 795                     | 17682               | 18477                    |
| 21                                | 3         | A       | 2521.518 | 6" CONCRETE WALK                                    | 5. SQ FT  |                         | 344                 | 344                      |
| 22                                | 3         | A       | 2531.618 | TRUNCATED DOMES                                     | SQ FT     |                         | 36                  | 36                       |
| 23                                | 3         | C       | 2540.602 | MAIL BOX SUPPORT                                    | 6. EACH   | 1                       | 40                  | 41                       |
| 24                                |           |         | 2563.601 | TRAFFIC CONTROL                                     | LUMP SUM  | 0.035                   | 0.965               | 1                        |
| 25                                |           |         | 2563.602 | RAISED PAVEMENT MARKER TEMPORARY                    | 7. EACH   | 32                      | 863                 | 895                      |
| 26                                | 7         | U       | 2564.518 | SIGN PANELS TYPE C                                  | SQ FT     | 13                      | 38                  | 50                       |
| 27                                | 7         | R,S     | 2573.503 | SILT FENCE, TYPE MS                                 | LIN FT    |                         | 7208                | 7208                     |
| 28                                | 7         | R,S     | 2573.503 | SEDIMENT CONTROL LOG TYPE WOOD CHIP                 | LIN FT    |                         | 32130               | 32130                    |
| 29                                | 5         | J,K     | 2574.505 | SOIL BED PREPARATION                                | ACRE      | 0.2                     | 12.4                | 12.6                     |
| 30                                | 5         | J,K     | 2574.508 | FERTILIZER TYPE 3                                   | POUND     | 34                      | 4320                | 4354                     |
| 31                                | 5         | J,K     | 2574.508 | FERTILIZER TYPE 4                                   | POUND     |                         | 2.0                 | 2.0                      |
| 32                                | 5         | J,K     | 2575.505 | SEEDING                                             | ACRE      | 0.2                     | 12.4                | 12.6                     |
| 33                                | 5         | J,K     | 2575.508 | HYDRAULIC BONDED FIBER MATRIX                       | POUND     | 649                     | 43361               | 44010                    |
| 34                                | 6         | N,O,P   | 2575.523 | RAPID STABILIZATION METHOD 3                        | M GALLON  | 1.5                     | 73.9                | 75.4                     |
| 35                                | 5         | J,K     | 2575.608 | SEED MESICINSLOPE                                   | LB        | 12.0                    | 711.5               | 723.5                    |
| 36                                | 5         | J,K     | 2575.608 | SEED WET DITCH                                      | LB        |                         | 0.3                 | 0.3                      |
| 37                                | 5         | J,K     | 2575.608 | SEED SOUTHERN TALL GRASS ROADSIDE                   | LB        | 4.8                     | 36.7                | 41.5                     |
| 38                                |           |         | 2580.503 | INTERIM PAVEMENT MARKING                            | 8. LIN FT | 150                     | 4407                | 4557                     |
| 39                                | 8         | V       | 2582.503 | 4" SOLID LINE MULTI-COMPONENT GROUND IN (WR)        | LIN FT    | 975                     | 22280               | 23255                    |
| 40                                | 8         | V       | 2582.503 | 6" SOLID LINE MULTI-COMPONENT GROUND IN (WR)        | LIN FT    | 3834                    | 107615              | 111449                   |
| 41                                | 8         | V       | 2582.503 | 4" BROKEN LINE MULTI-COMPONENT GROUND IN (WR)       | LIN FT    | 195                     | 8369                | 8564                     |
| 42                                | 8         | V       | 2582.503 | 4" DOUBLE SOLID LINE MULTI-COMPONENT GROUND IN (WR) | LIN FT    | 1000                    | 13075               | 14075                    |
| 43                                | 7         | T       | 2582.503 | 24" SOLID LINE PREFORM TAPE GROUND IN               | LIN FT    | 32                      | 145                 | 177                      |
| 44                                | 7         | T       | 2582.518 | PAVEMENT MESSAGE PREFORM TAPE GROUND IN             | SQ FT     | 66.97                   | 224.68              | 291.65                   |
| 45                                | 7         | T       | 2582.518 | CROSSWALK MULTI-COMPONENT GROUND IN (WR)            | SQ FT     |                         | 150                 | 150                      |

NOTE:

WHEN A (P) DESIGNATION IS PLACED ON AN INDIVIDUAL CONTRACT ITEM. THE PLAN DIMENSIONS ARE USED TO COMPUTE THE PAY QUANTITY FOR THAT ITEM OF WORK AND NO MEASUREMENTS WILL BE TAKEN IN THE FIELD.

ALL MATERIAL NOT UTILIZED ON THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND DISPOSED OF OFF THE R/W IN ACCORDANCE WITH SPEC 2104.

RECONSTRUCT ENTRANCES TO MATCH INPLACE MATERIAL. SEE TYPICAL DETAIL SHEET FOR BITUMINOUS ENTRANCE PAVING.

1. REMOVAL LENGTH INCLUDES CATTLE PASS APRONS.

2. REMOVED AGGREGATE IS QUANTIFIED AS REMOVAL OF 2" OF MATERIAL AFTER INITIAL FULL DEPTH RECLAMATION. REMOVED AGGREGATE MAY BE USED AS AGGREGATE SURFACING CLASS 1 AFTER SCREENING AND MEETING MNDOT SPEC. 2118.

3. BASE ONE STABILIZING AGENT OR EQUIVALENT TO BE USED. APPLICATION RATE IS 0.005 GALLONS PER SQUARE YARD PER INCH OF STABILIZED RECLAMATION DEPTH. TOTAL ESTIMATED QUANTITY IS 6282 GALLONS. APPROVED EQUIVALENT BY OTTER TAIL COUNTY CAN BE SUBSTITUTED.

4. TACK COATS SHALL USE SPEC. 2357 AND SHALL BE INCIDENTAL. QUALITY MANAGEMENT - E-TICKETING IS REQUIRED AND SHALL BE INCIDENTAL.

5. PLAN LEVEL 1 ADA DESIGN. CONTRACTOR TO FIELD DESIGN ADA RAMPS TO MEET DESIGN STANDARDS.

6. SEE BIDDER'S PROPOSAL FOR OTTER TAIL COUNTY MAILBOX SUPPORT DETAIL FOR SWING-AWAY TYPE POSTS.

7. RAISED PAVEMENT MARKERS TEMPORARY WILL BE USED ON FINAL LIFT ONLY AND WILL BE PLACED EVERY 100' ON TANGENTS AND EVERY 50' ON CURVES (HORZ. AND VERT.).

8. INTERIM PAVEMENT MARKING WILL BE PLACED AT A 4/50 RATIO AND WILL BE USED ON FIRST LIFT ONLY.

| STANDARD PLATES                                                                                                                                          |                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| THE FOLLOWING STANDARD PLATES, APPROVE BY THE MINNESOTA DEPARTMENT OF TRANSPORTATION & THE FEDERAL HIGHWAY ADMINISTRATION, SHALL APPLY ON THIS PROJECT.* |                                            |
| PLATE NO.                                                                                                                                                | DESCRIPTION                                |
| 7038A                                                                                                                                                    | DETECTABLE WARNING SURFACE TRUNCATED DOMES |
| 8000K                                                                                                                                                    | TEMPORARY CHANNELIZERS (3 SHEETS)          |
| *MISCELLANEOUS DETAILS SHALL TAKE PRECEDENCE OVER STANDARD PLATES IF THERE ARE CONFLICTS                                                                 |                                            |

| ALIGNMENT TABLE               |                               |
|-------------------------------|-------------------------------|
| EXISTING ALIGNMENT STATIONING | PROPOSED ALIGNMENT STATIONING |
| SOUTH ALIGNMENT               |                               |
| 0+00.00                       | 10+00.00                      |
| 27+60.55                      | 37+60.55                      |
| BK 35+32.81                   | 45+32.86                      |
| AH 35+40.35                   | 45+32.86                      |
| 73+20.36                      | 83+12.82                      |
| 126+06.82                     | 135+99.28                     |
| 152+44.01                     | 162+36.47                     |
| MIDDLE ALIGNMENT              |                               |
| 219+56.41                     | 162+36.47                     |
| 212+98.17                     | 168+94.70                     |
| 206+63.92                     | 175+28.96                     |
| 199+64.72                     | 182+28.16                     |
| 171+76.45                     | 210+16.42                     |
| 145+62.71                     | 236+30.16                     |
| 119+48.92                     | 262+43.95                     |
| 93+28.16                      | 288+64.72                     |
| 81+52.44                      | 300+40.43                     |
| 64+55.53                      | 317+37.34                     |
| 46+15.40                      | 335+77.47                     |
| 19+55.80                      | 362+37.07                     |

| ALIGNMENT TABLE               |                               |
|-------------------------------|-------------------------------|
| EXISTING ALIGNMENT STATIONING | PROPOSED ALIGNMENT STATIONING |
| NORTH ALIGNMENT               |                               |
| 10+00.00                      | 362+37.07                     |
| 25+82.90                      | 378+19.98                     |
| 42+83.94                      | 395+21.02                     |
| 58+27.61                      | 410+64.68                     |
| 84+80.19                      | 437+17.27                     |
| 100+57.72                     | 452+94.80                     |
| 115+65.45                     | 468+02.52                     |
| 121+43.36                     | 473+80.44                     |
| 126+05.02                     | 478+42.09                     |
| 134+78.13                     | 487+15.20                     |
| BK 144+43.99                  | 496+81.06                     |
| AH 143+87.30                  | 496+81.06                     |
| 143+87.32                     | 496+81.08                     |
| 152+10.62                     | 505+04.39                     |
| 157+85.61                     | 510+79.37                     |
| 180+81.60                     | 533+75.37                     |
| BK 196+18.39                  | 549+12.15                     |
| AH 366+00.00                  | 549+12.15                     |
| 373+72.90                     | 556+85.06                     |
| BEGIN MUNICIPAL               |                               |
| 376+73.00                     | 559+85.16                     |
| 381+21.32                     | 564+33.48                     |
| 393+38.23                     | 576+50.38                     |
| 397+15.67                     | 580+27.83                     |
| END 397+17.69                 | END 580+29.85                 |

| BASIS OF QUANTITIES                         |                             |
|---------------------------------------------|-----------------------------|
| TYPE SP 9.5 WEARING COURSE MIXTURE (3,C)    | 115 POUNDS/SQUARE YARD*INCH |
| TY PE SP 12.5 WEARING COURSE MIXTURE (3,C)  | 115 POUNDS/SQUARE YARD*INCH |
| BITUMINOUS TACK COAT UNDILUTED (INCIDENTAL) | 0.05 GALLON/SQUARE YARD     |
| BITUMINOUS TACK COAT DILUTED (INCIDENTAL)   | 0.07 GALLON/SQUARE YARD     |
| AGGREGATE SURFACING CLASS 1                 | 1.823 TON/CUBIC YARD (CV)   |
| AGGREGATE BASE CLASS 5                      | 1.823 TON/CUBIC YARD (CV)   |
| RAPID STABILIZATION METHOD 3                | 6 M GALLON/ACRE             |
| MESICINSLOPE (SEED)                         | 65 POUNDS/ACRE              |
| WET DITCH (SEED)                            | 20 POUNDS/ACRE              |
| SOUTHERN TALL GRASS ROADSIDE (SEED)         | 26 POUNDS/ACRE              |
| FERTILIZER TYPE 3, ANALYSIS 22-5-10         | 350 POUNDS/ACRE             |
| FERTILIZER TYPE 4, ANALYSIS 17-10-7         | 120 POUNDS/ACRE             |
| HYDRAULIC BONDED FIBER MATRIX               | 3,500 POUNDS/ACRE           |

|               |                |                                |
|---------------|----------------|--------------------------------|
| REVIEWER: NAA | DATE: 03/11/25 | OTTER TAIL COUNTY<br>MINNESOTA |
| DRAFTER: ARJ  | DATE: 03/11/25 |                                |
|               |                |                                |



|                                                                                                                                                                                                           |                       |                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------|
| 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. |                       |                      |
| NAME <u>NICHOLAS A. ANDERSON</u>                                                                                                                                                                          |                       |                      |
| SIGNATURE <u>Nicholas A. Anderson</u>                                                                                                                                                                     | LIC. NO. <u>40100</u> | DATE <u>03/11/25</u> |

|                                   |             |                           |
|-----------------------------------|-------------|---------------------------|
| STATEMENT OF ESTIMATED QUANTITIES |             |                           |
| S.A.P. 056-635-043                | C.S.A.H. 35 | SHEET NO. 2 OF 124 SHEETS |

1 BIKE LANE TO FOLLOW MN/DOT SPECIFICATIONS

PROPOSED TYPICAL SECTION - C.S.A.H. 35  
C.S.A.H. 34 TO 440TH ST  
EXISTING CURB TIE IN

STA 169+62.00 - STA 172+69.05

STA 182+96.00 - STA 185+59.11

STA 186+53.31 - STA 189+50.65

STA 190+64.54 - STA 191+14.33

STA 192+72.47 - STA 196+97.21

STA 198+03.86 - STA 199+71.32

STA 200+85.22 - STA 202+53.13

STA 203+67.11 - STA 205+84.91

STA 206+98.39 - STA 209+51.15

STA 226+27.81 - STA 234+59.76

STA 235+52.75 - STA 237+33.66

STA 238+46.72 - STA 239+28.05

STA 240+20.84 - STA 240+89.80

STA 241+82.56 - STA 243+26.24

STA 244+39.54 - STA 251+77.79

STA 252+92.36 - STA 254+98.39

STA 256+38.60 - STA 261+02.90

STA 261+96.22 - STA 272+32.29

STA 273+26.57 - STA 279+34.96

STA 280+28.66 - STA 284+23.02

STA 285+36.45 - STA 296+85.70

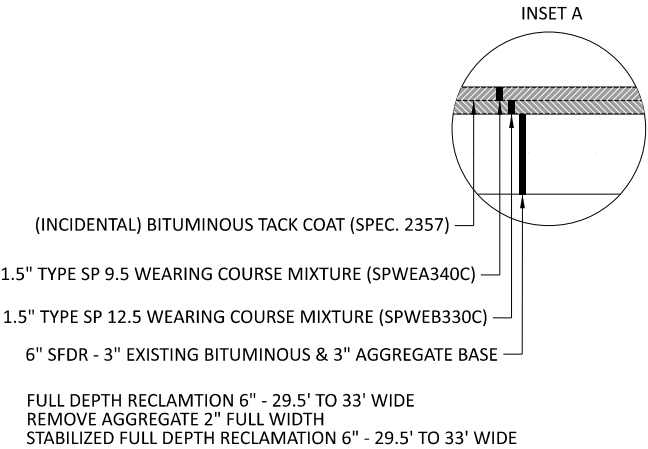
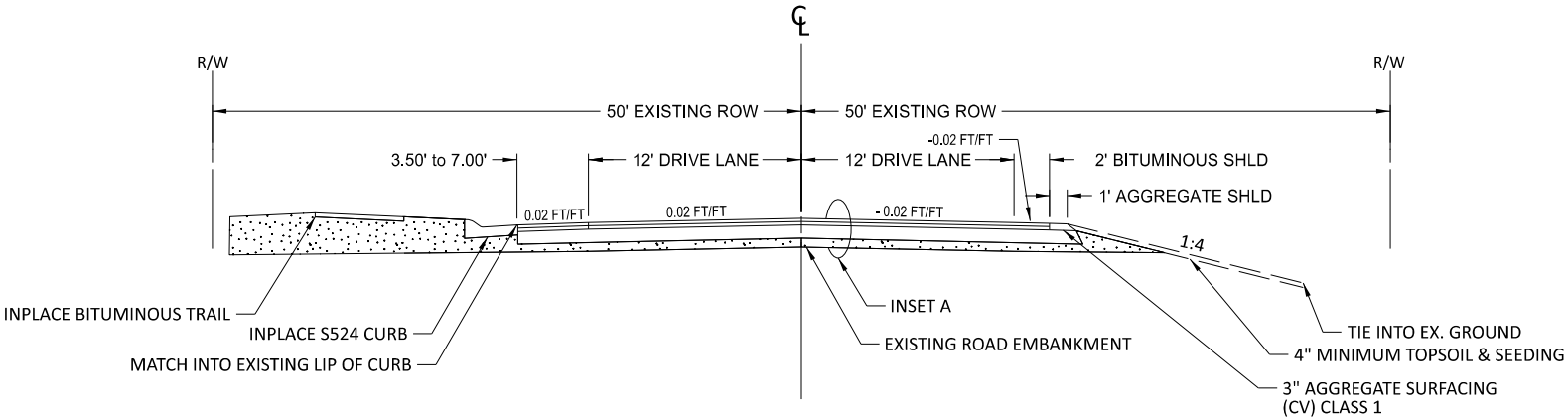
STA 317+63.31 - STA 321+55.18

STA 322+68.36 - STA 324+75.14

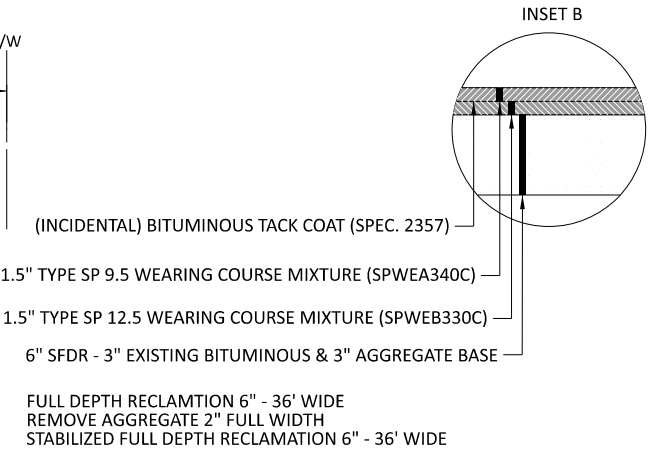
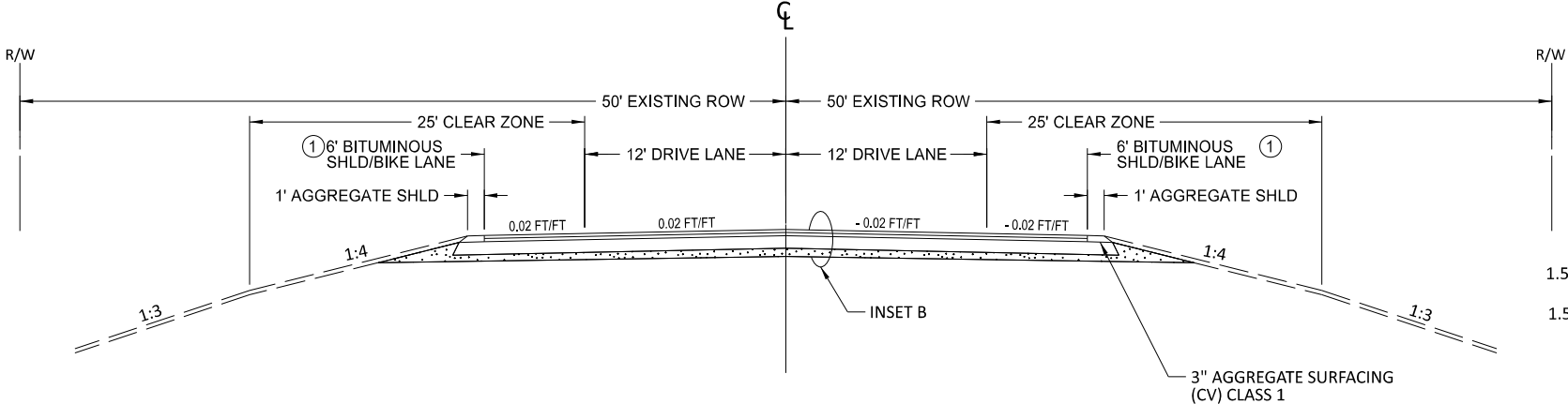
STA 349+14.19 - STA 350+51.61

STA 351+65.21 - STA 358+81.73

STA 359+75.04 - STA 361+16.84



PROPOSED TYPICAL SECTION - C.S.A.H. 35  
440TH ST TO C.S.A.H. 4  
STA 395+93.00 - STA 450+50.00  
STA 468+75.00 - STA 472+10.00  
STA 479+90.00 - STA 484+00.00  
STA 497+25.00 - STA 504+00.00  
STA 511+52.00 - STA 556+13.00  
STA 565+05.00 - STA 578+08.81



PATH & FILENAME: C:\Project Working Files\23544 - CSAH 35\23544\_typicals.dgn  
PLOTTED/REVISED: 03/11/25

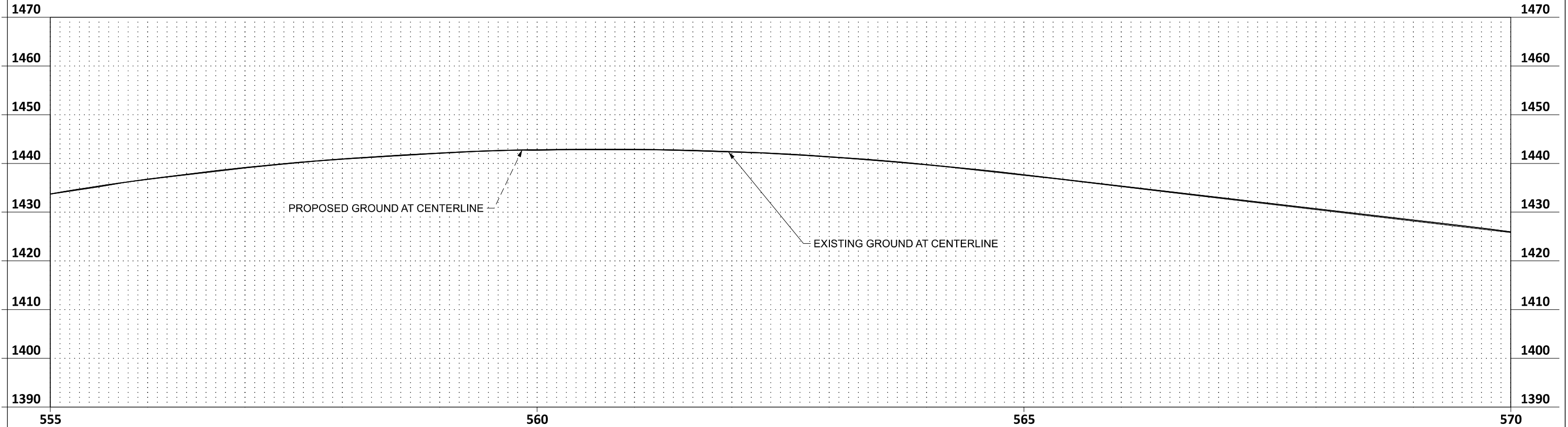
|           |     |       |          |                                |
|-----------|-----|-------|----------|--------------------------------|
| REVIEWER: | NAA | DATE: | 03/11/25 | OTTER TAIL COUNTY<br>MINNESOTA |
| DRAFTER:  | ARJ | DATE: | 03/11/25 |                                |
|           |     |       |          |                                |



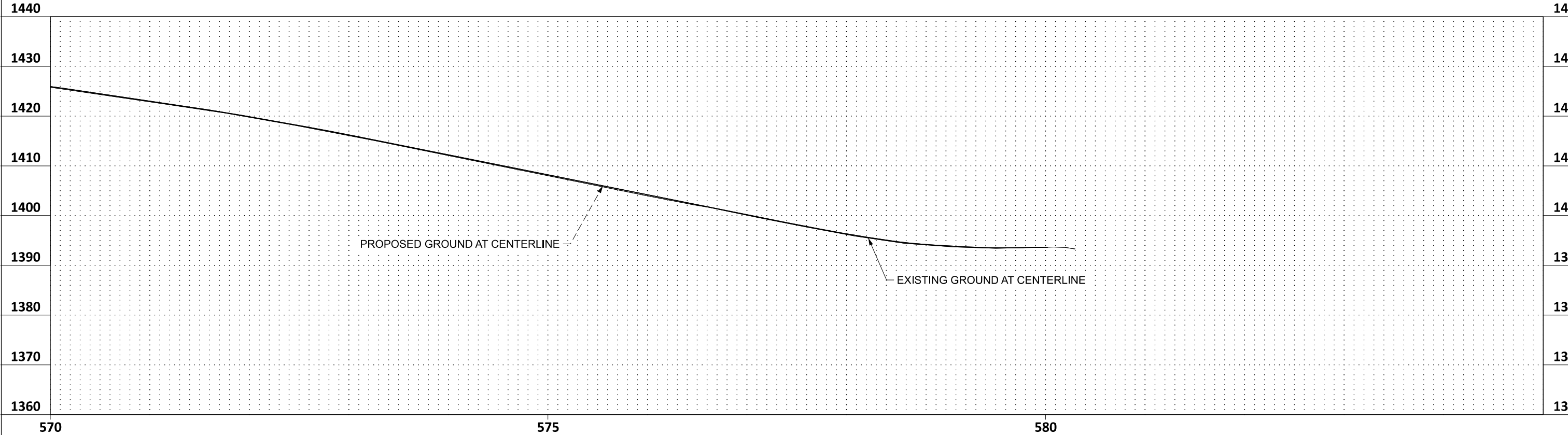
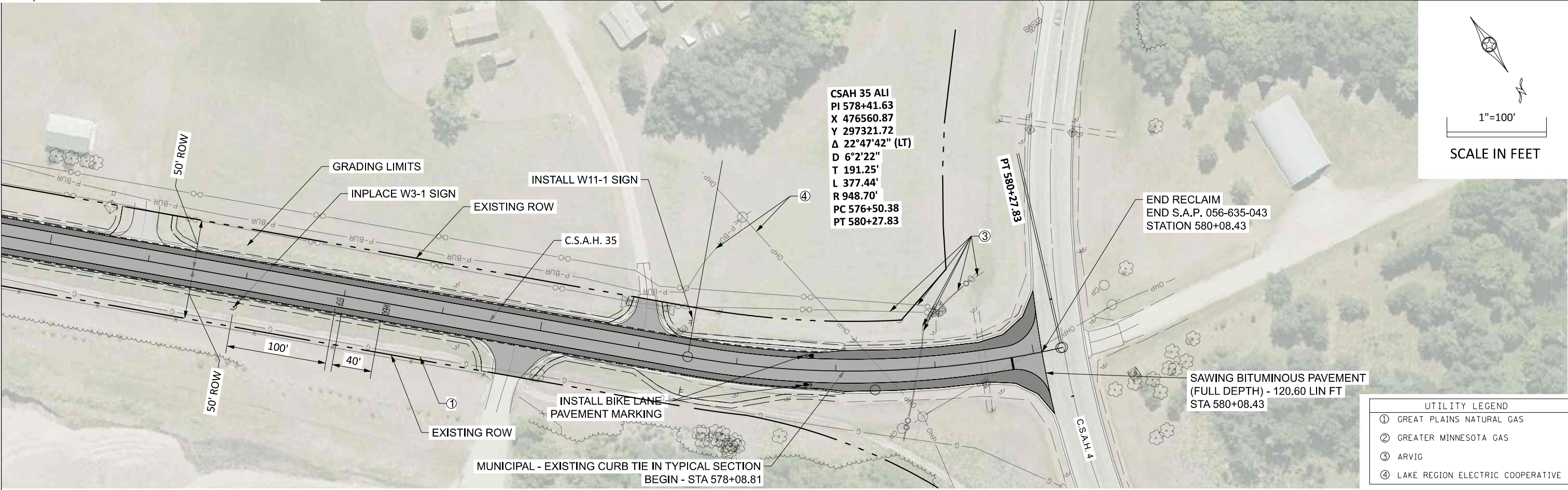
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  
NAME NICHOLAS A. ANDERSON  
SIGNATURE Nicholas A. Anderson LIC. NO. 40100 DATE 03/11/25

|                    |             |                            |
|--------------------|-------------|----------------------------|
| TYPICAL SECTIONS   |             |                            |
| S.A.P. 056-635-043 | C.S.A.H. 35 | SHEET NO. 12 OF 124 SHEETS |





|               |          |                                |                                                                                       |                                                                                                                                                                                                                                                                                                                                           |                                                                     |  |  |
|---------------|----------|--------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--|--|
| REVIEWER: NAA | 03/11/25 | OTTER TAIL COUNTY<br>MINNESOTA |  | 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.<br><br>NAME <u>NICHOLAS A. ANDERSON</u><br><br>SIGNATURE <u>Nicholas A. Anderson</u> LIC. NO. <u>40100</u> DATE <u>03/11/25</u> | CONSTRUCTION PLAN & PROFILE - NORTH                                 |  |  |
| DRAFTER: ARJ  | 03/11/25 |                                |                                                                                       |                                                                                                                                                                                                                                                                                                                                           | S.A.P. 056-635-043      C.S.A.H. 35      SHEET NO. 53 OF 124 SHEETS |  |  |



|               |          |                                |
|---------------|----------|--------------------------------|
| REVIEWER: NAA | 03/11/25 | OTTER TAIL COUNTY<br>MINNESOTA |
| DRAFTER: ARJ  | 03/11/25 |                                |
|               |          |                                |



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.

NAME: NICHOLAS A. ANDERSON

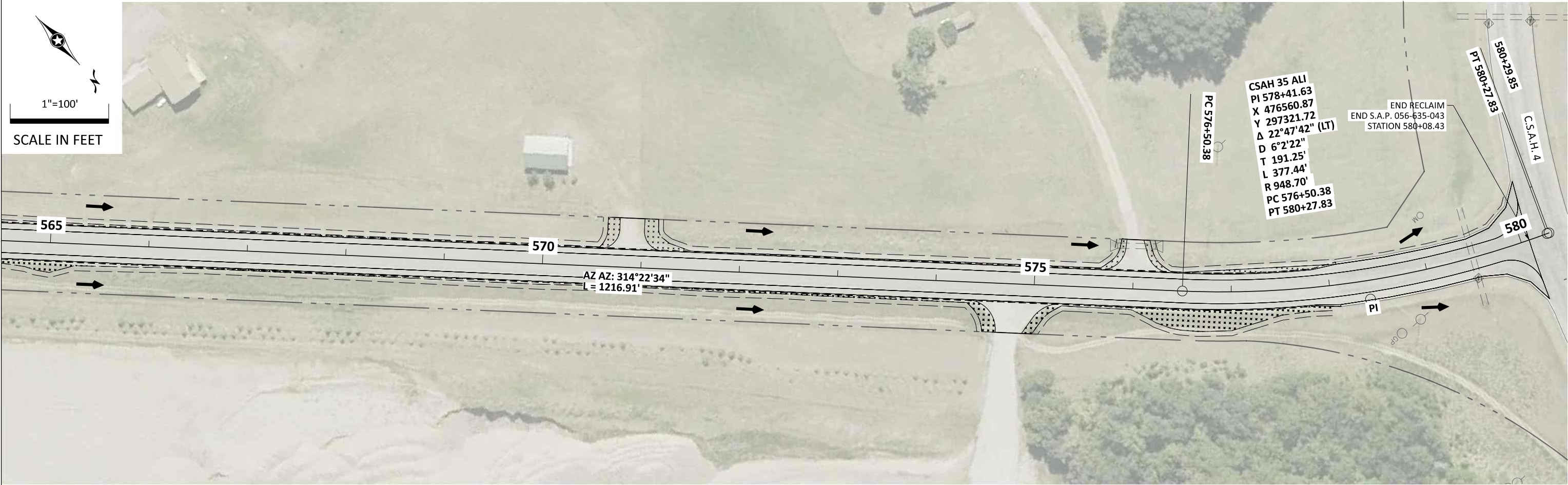
SIGNATURE: Nicholas A. Anderson LIC. NO. 40100 DATE 03/11/25

CONSTRUCTION PLAN & PROFILE - NORTH

S.A.P. 056-635-043 C.S.A.H. 35 SHEET NO. 54 OF 124 SHEETS

PATH & FILENAME: C:\Project Working Files\23544 - CSAH 35\23544\_pp-north.dgn  
H-13  
PLOTTED/REVISED: 03/11/25





PATH & FILENAME: C:\Project Working Files\23544 - CSAH 35\23544\_ec-temp.dgn  
PLOTTED/REVISED: 03/11/25

|                                |     |       |          |
|--------------------------------|-----|-------|----------|
| REVIEWER:                      | NAA | DATE: | 03/11/25 |
| DRAFTER:                       | ARJ | DATE: | 03/11/25 |
| OTTER TAIL COUNTY<br>MINNESOTA |     |       |          |



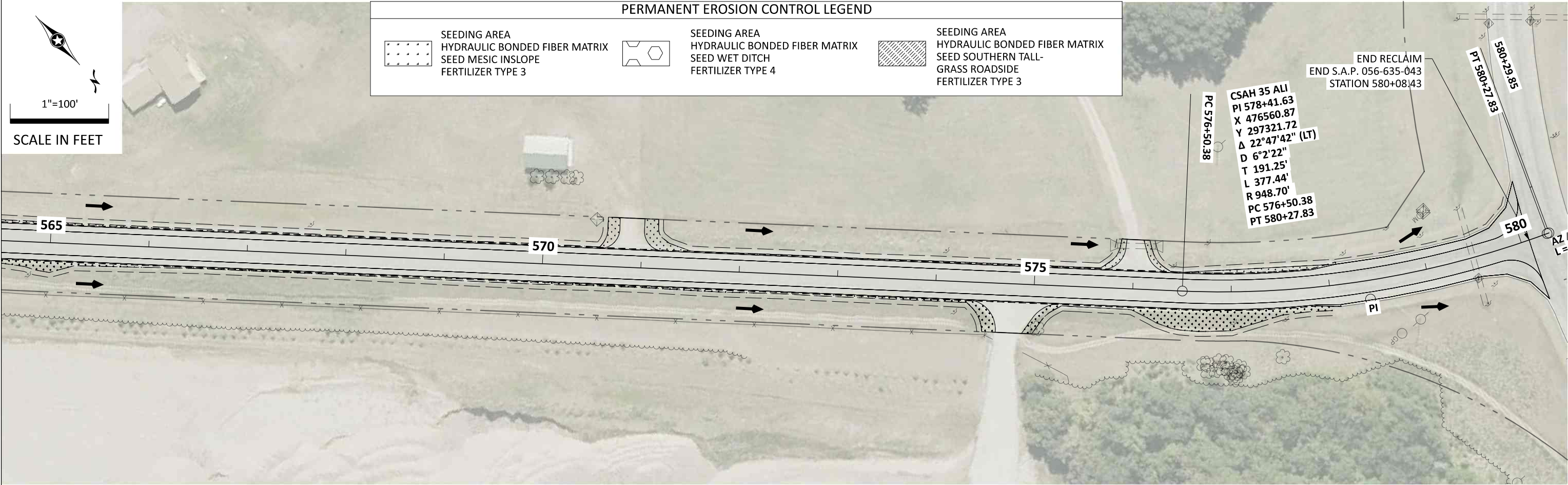
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

NAME NICHOLAS A. ANDERSON  
SIGNATURE Nicholas A. Anderson LIC. NO. 40100 DATE 03/11/25

TEMPORARY EROSION CONTROL

S.A.P. 056-635-043 C.S.A.H. 35 SHEET NO. 95 OF 124 SHEETS





| PERMANENT EROSION CONTROL LEGEND |                                                                                                             |  |
|----------------------------------|-------------------------------------------------------------------------------------------------------------|--|
|                                  | SEEDING AREA<br>HYDRAULIC BONDED FIBER MATRIX<br>SEED MESIC INSLOPE<br>FERTILIZER TYPE 3                    |  |
|                                  | SEEDING AREA<br>HYDRAULIC BONDED FIBER MATRIX<br>SEED SOUTHERN TALL-<br>GRASS ROADSIDE<br>FERTILIZER TYPE 3 |  |

PATH & FILENAME: C:\Project Working Files\23544 - CSAH 35\23544\_ec-perm.dgn  
PLOTTED/REVISED: 03/11/25

|               |                |                                |
|---------------|----------------|--------------------------------|
| REVIEWER: NAA | DATE: 03/11/25 | OTTER TAIL COUNTY<br>MINNESOTA |
| DRAFTER: ARJ  | DATE: 03/11/25 |                                |
|               |                |                                |



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.  
NAME NICHOLAS A. ANDERSON  
SIGNATURE Nicholas A. Anderson LIC. NO. 40100 DATE 03/11/25

| PERMANENT EROSION CONTROL |             |                             |
|---------------------------|-------------|-----------------------------|
| S.A.P. 056-635-043        | C.S.A.H. 35 | SHEET NO. 114 OF 124 SHEETS |