

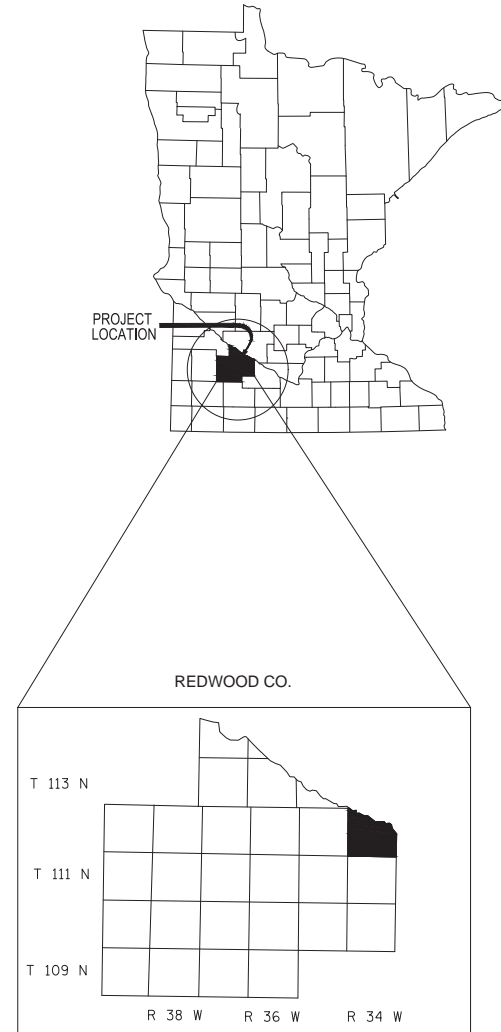
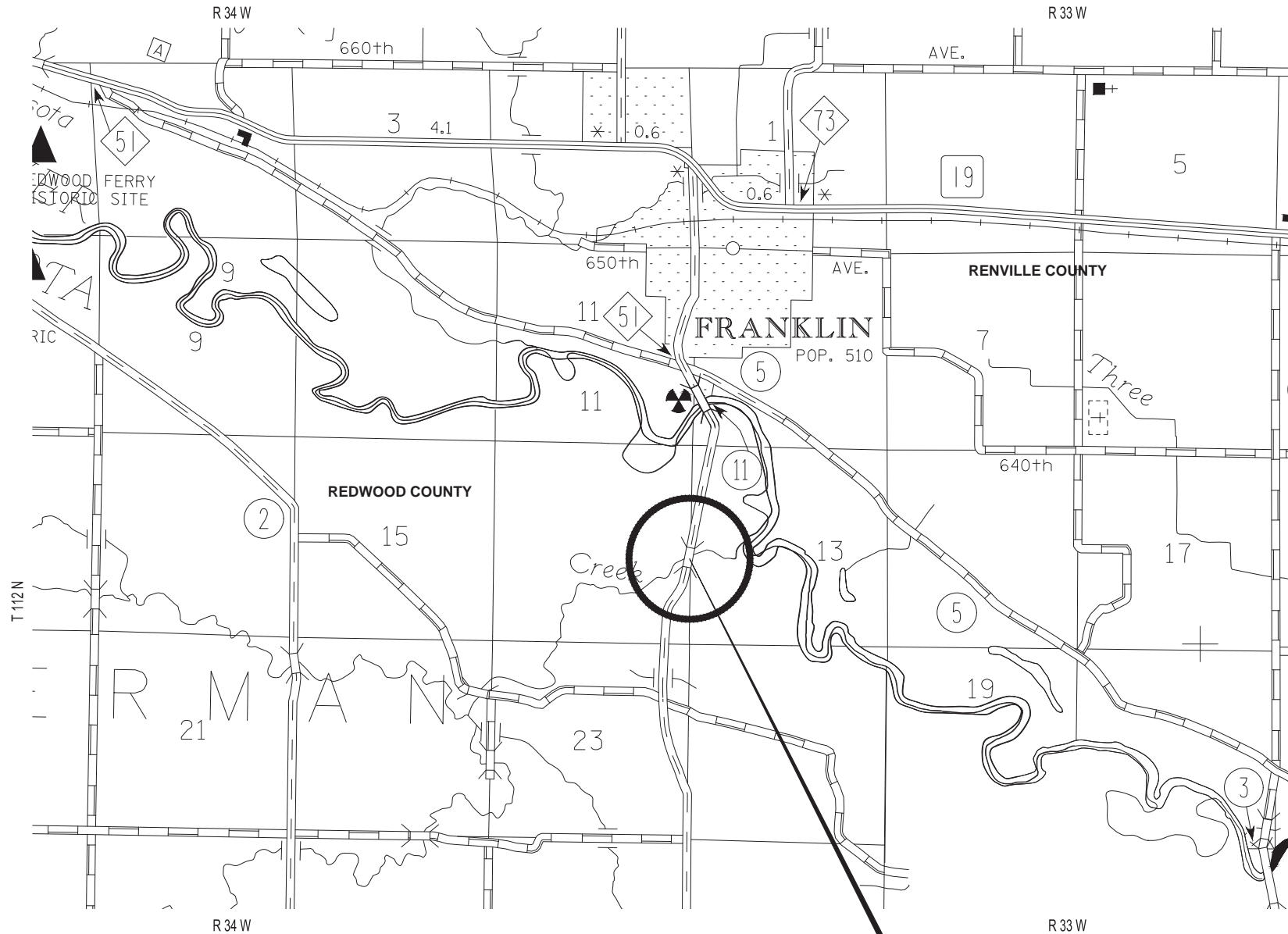
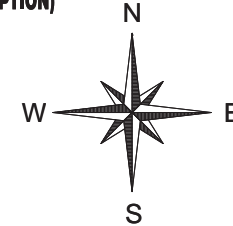
# MINNESOTA DEPARTMENT OF TRANSPORTATION

## THE COUNTY OF REDWOOD

### CONSTRUCTION PLAN FOR BRIDGE REPLACEMENT OVER WABASHA CREEK (BR. 64501 OLD) (BR. 64609 NEW) APPROACH GRADING AND BITUMINOUS SURFACING

LOCATED ON CSAH 11 BETWEEN CSAH 2 AND CSAH 5 1.6 MILES SOUTH OF FRANKLIN, MN (GEOGRAPHIC DESCRIPTION)  
 FROM 1,993 FT. NW OF THE SW CORNER OF SEC. 13, T. 112 N, R. 34 W TO 2,630 FT. N OF THE SW CORNER OF SEC. 13, T. 112 N, R. 34 W (LEGAL DESCRIPTION)

|                            |             |      |             |
|----------------------------|-------------|------|-------------|
| <b>STATE AID PROJ. NO.</b> | 064-611-013 |      |             |
| GROSS LENGTH               | 650.00      | FEET | 0.123 MILES |
| BRIDGES-LENGTH             | 145.46      | FEET | 0.028 MILES |
| EXCEPTIONS-LENGTH          |             | FEET | MILES       |
| NET LENGTH                 | 650.00      | FEET | 0.123 MILES |



PARTIAL MAP REDWOOD & RENVILLE COUNTY

**PROJECT LOCATION**

BEGIN SAP NO. 064-611-013  
 STA. 11+00.00  
 REMOVE EXISTING BRIDGE 64501  
 CONSTRUCT PROPOSED BRIDGE 64609  
 END SAP NO. 064-611-013  
 STA. 17+50.00

NOTE:  
 THIS CONSTRUCTION PLAN IS ALSO AN EROSION  
 AND SEDIMENT CONTROL PLAN.

MINN. PROJ. NO. ....

**GOVERNING SPECIFICATIONS**

THE 2025 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".

| INDEX     |                            |
|-----------|----------------------------|
| SHEET NO. | DESCRIPTION                |
| 1         | TITLE SHEET                |
| 2         | LEGEND                     |
| 3         | ESTIMATED QUANTITIES       |
| 4         | TABULATIONS & CONST. NOTES |
| 5         | CSAH 11 TYPICAL SECTIONS   |
| 6         | DRAINAGE DETAILS           |
| 7         | TRAFFIC DETOUR PLAN        |
| 8         | TRAFFIC CONTROL PLAN       |
| 9         | CSAH 11 REMOVAL PLAN       |
| 10        | CSAH 11 PLAN & PROFILE     |
| 11        | EROSION CONTROL PLAN       |
| 12 - 13   | SWPPP NARRATIVE            |
| 14 - 21   | EROSION CONTROL DETAILS    |
| X1 - X4   | CROSS SECTIONS             |
| B1 - B36  | BRIDGE PLANS               |

**THIS PLAN CONTAINS 61 SHEETS**  
**DESIGN DESIGNATION**

ESALS 165,000  
 R Value 20  
 ADT ( 2026 ) = 497  
 Proj. ADT ( 2046 ) = 546  
 Proj. HCADT ( NA ) = NA  
 Soil Factor 100  
 10 Ton Design  
 Shoulder Width 6'-0"  
 Functional Classification RURAL MAJOR COLLECTOR  
 No. of Traffic Lanes 2-12'-0" No. of Parking Lanes  
 Design Speed 55 MPH  
 Based on Stopping Sight Distance  
 Height of eye 3.5' Height of object 2.0'  
 Design Speed not achieved at:  
 STA. TO STA. MPH  
 STA. TO STA. MPH

SIGNATURE: *Andrew J. Muer*  
 ANDREW J. MUER  
 DESIGN ENGINEER: 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.

DATE 03/26/2026 LICENSE NUMBER 59945

*Nicholas Klisch* DATE 3-26-2026  
 APPROVED: COUNTY ENGINEER

**Todd Broadwell** Digitally signed by Todd Broadwell  
 Date: 2026.04.02 15:57:20 -05'00'

DISTRICT STATE AID ENGINEER: REVIEWED FOR COMPLIANCE WITH STATE-AID RULES/POLICY

**Todd Broadwell** Digitally signed by Todd Broadwell  
 Date: 2026.04.06 09:09:31 -05'00'

STATE AID ENGINEER: APPROVED FOR STATE AID FUNDING

PLAN AS SHOWN  
 PROFILE AS SHOWN  
 INDEX MAP 2000'

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY 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."

STATE AID PROJ. NO. 064-611-013  
 STATE PROJ. NO. ....

SHEET NO. 1 OF 21 SHEETS