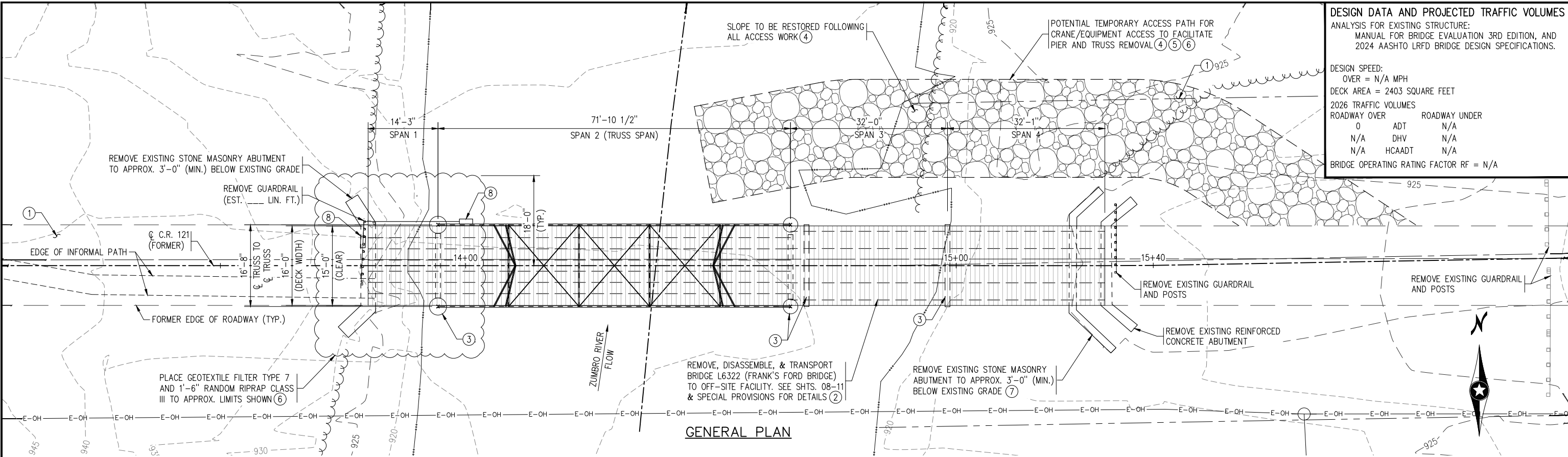




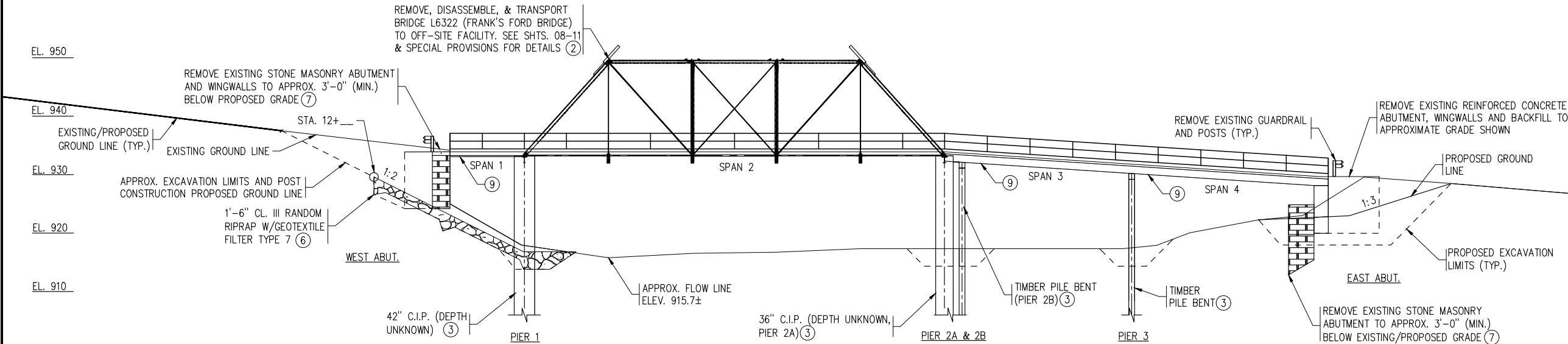
CONSTRUCTION NOTES:

-THE 2025 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

-THE LOAD CARRYING CAPACITY OF THE EXISTING BRIDGE IS SIGNIFICANTLY COMPROMISED DUE TO AREAS OF DETERIORATION WITHIN THE STEEL SUPERSTRUCTURE, TIMBER DECKING ELEMENTS AND ABUTMENT STONE MASONRY. SEE SPECIAL PROVISIONS FOR ADDITION INFORMATION AND REQUIREMENTS.

NOTES:

- ① CLEARING AREAS TO BE APPROVED BY ENGINEER IN FIELD AND MINIMIZED TO NECESSARY AREAS TO FACILITATE CONSTRUCTION ACCESS.
- ② METHOD AND PROCEDURES FOR TRUSS REMOVAL WITHOUT DAMAGE TO TRUSS SUPERSTRUCTURE ELEMENTS TO BE SALVAGED AND STORED IS RESPONSIBILITY OF CONTRACTOR. SEE SPECIAL PROVISIONS.
- ③ REMOVE PIER TO APPROX. 3'-0" (MIN.) BELOW FLOW LINE.
- ④ IF USED, SIZE & DESIGN OF TEMPORARY ACCESS ROAD TO BE PROPOSED BY CONTRACTOR AND APPROVED BY ENGINEER. ACCESS ROAD SHALL BE ALSO IN ACCORDANCE WITH ALL PERMIT PROVISIONS, MNDNR REQUIREMENTS AND AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS.
- ⑤ ACCESS PATH WIDTH VARIES BASED ON LOCATION AND EQUIPMENT REQUIRED TO UTILIZE PATH. IMPACTS SHALL NOT EXCEED LIMITS SHOWN IN PLAN VIEW.
- ⑥ TEMPORARY ACCESS ROAD RIPRAP MAY BE USED (IF CONSTRUCTED AND IF RIPRAP MATERIAL MEETS SPECIFICATION FOR RANDOM RIPRAP CLASS III) FOR SLOPE STABILIZATION.
- ⑦ REMOVE AND DISPOSE OF MASONRY ABUTMENTS AND RE-GRADE SLOPE FOLLOWING TRUSS REMOVAL TO MATCH ADJACENT EMBANKMENT CONTOURS AND AS DIRECTED BY ENGINEER IN THE FIELD.
- ⑧ CONTRACTOR TO PROTECT IN-PLACE DNR STREAM MONITOR STATION DURING CONSTRUCTION. COORDINATE REMOVAL OF EXISTING INSTRUMENTATION ON BRIDGE WITH DNR PRIOR TO BRIDGE DECK REMOVAL. SEE SPECIAL PROVISIONS.
- ⑨ REMOVE AND DISPOSE OF EXISTING APPROACH SPAN



21 W. Superior St., Ste. 500 | Duluth, MN 55802 | 218.727.8446 | Proj. No. 240494

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

SIGNED _____

BY LISA M. KARLGAARD

DATE 07/29/2026 LICENSE NO. 47556

APPROVED _____ DATE _____

OLMSTED COUNTY ENGINEER

B.M. ELEV _____ (N.A.V.D. 88 ADJ.)

B.M. DESC. _____

COUNTY ROAD 121 MINNESOTA DEPARTMENT OF TRANSPORTATION

OLMSTED COUNTY

BRIDGE NO. L6322

ON COUNTY ROAD 121 (190TH ST NW), 1.3 MILES WEST OF THE JUNCTION WITH COUNTY ROAD 122, OVER THE ZUMBRO RIVER

71'-10 1/2" STEEL HIGH TRUSS MAIN SPAN WITH THREE 14'-3" - 32'-0" STEEL BEAM APPROACH SPANS AND TWO LINES OF STEEL ANGLE RAILING

16'-0" DECK WIDTH

IDENTIFICATION NO. 303 (MAIN) / 301 (APPROACH) 0° SKEW

GENERAL PLAN AND ELEVATION

SEC. 26 T. 108 N. R. 14 W

ORONOCO TOWNSHIP OLMSTED COUNTY

APPROVED: _____ DATE _____

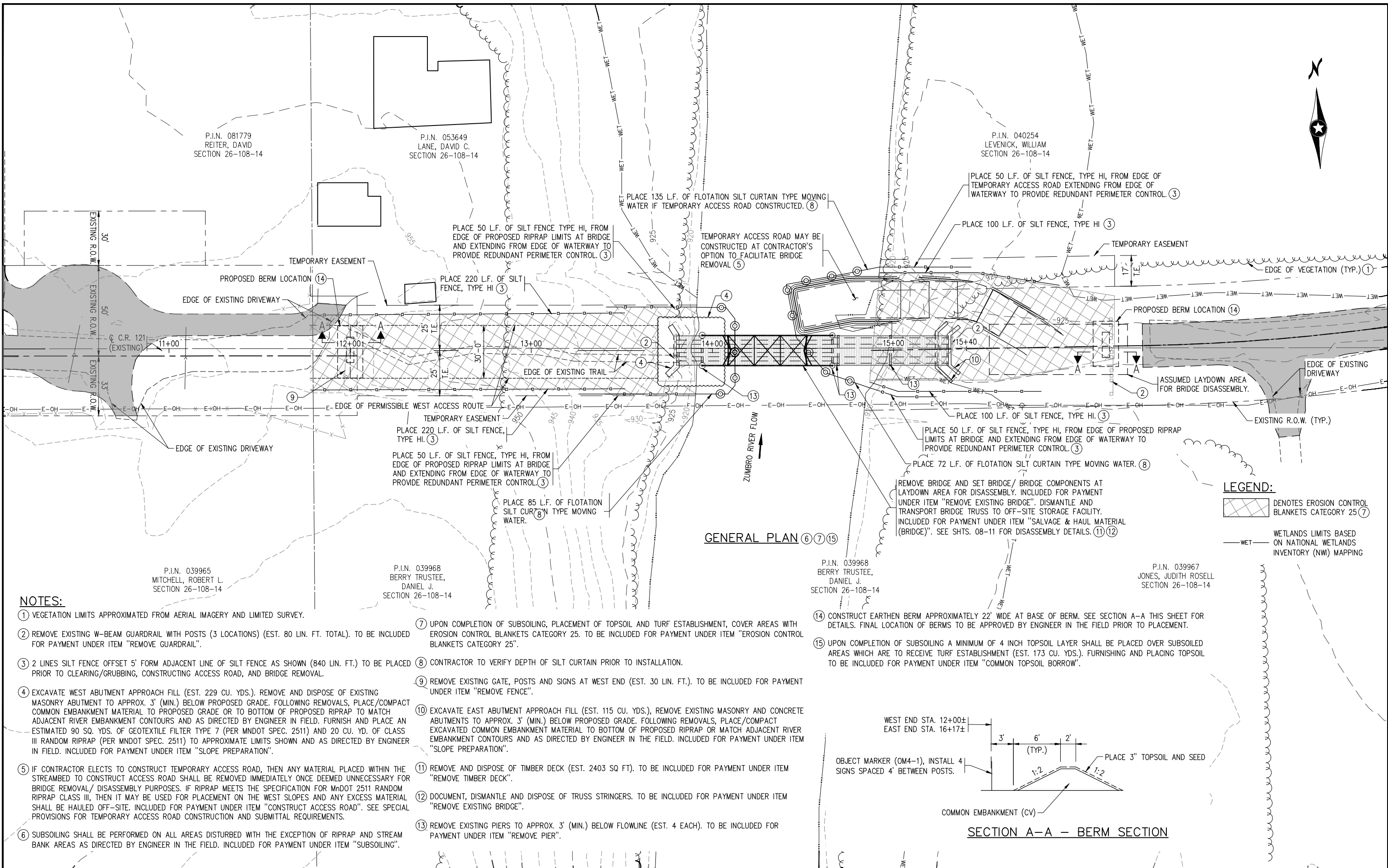
STATE BRIDGE ENGINEER

DES: KOP DR: KOP L6322

CHK: KDM CHK: LMK

STATE AID PROJ. NO. 055-598-066

SHEET NO. 02 OF 11 SHEETS



NOTES:

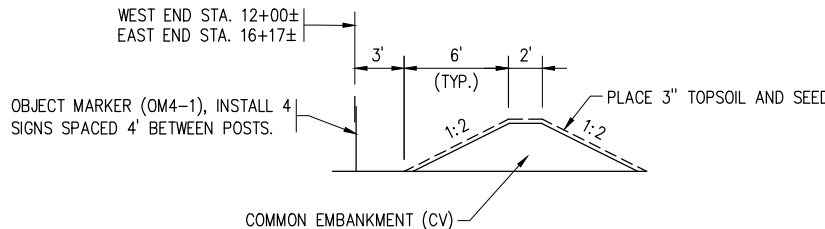
- ① VEGETATION LIMITS APPROXIMATED FROM AERIAL IMAGERY AND LIMITED SURVEY.
- ② REMOVE EXISTING W-BEAM GUARDRAIL WITH POSTS (3 LOCATIONS) (EST. 80 LIN. FT. TOTAL). TO BE INCLUDED FOR PAYMENT UNDER ITEM "REMOVE GUARDRAIL".
- ③ 2 LINES SILT FENCE OFFSET 5' FROM ADJACENT LINE OF SILT FENCE AS SHOWN (840 LIN. FT.) TO BE PLACED PRIOR TO CLEARING/GRUBBING, CONSTRUCTING ACCESS ROAD, AND BRIDGE REMOVAL.
- ④ EXCAVATE WEST ABUTMENT APPROACH FILL (EST. 229 CU. YDS.). REMOVE AND DISPOSE OF EXISTING MASONRY ABUTMENT TO APPROX. 3' (MIN.) BELOW PROPOSED GRADE. FOLLOWING REMOVALS, PLACE/COMPACT COMMON EMBANKMENT MATERIAL TO PROPOSED GRADE OR TO BOTTOM OF PROPOSED RIPRAP TO MATCH ADJACENT RIVER EMBANKMENT CONTOURS AND AS DIRECTED BY ENGINEER IN THE FIELD. FURNISH AND PLACE AN ESTIMATED 90 SQ. YDS. OF GEOTEXTILE FILTER TYPE 7 (PER MNDOT SPEC. 2511) AND 20 CU. YD. OF CLASS III RANDOM RIPRAP (PER MNDOT SPEC. 2511) TO APPROXIMATE LIMITS SHOWN AND AS DIRECTED BY ENGINEER IN FIELD. INCLUDED FOR PAYMENT UNDER ITEM "SLOPE PREPARATION".
- ⑤ IF CONTRACTOR ELECTS TO CONSTRUCT TEMPORARY ACCESS ROAD, THEN ANY MATERIAL PLACED WITHIN THE STREAMBED TO CONSTRUCT ACCESS ROAD SHALL BE REMOVED IMMEDIATELY ONCE DEEMED UNNECESSARY FOR BRIDGE REMOVAL/ DISASSEMBLY PURPOSES. IF RIPRAP MEETS THE SPECIFICATION FOR MNDOT 2511 RANDOM RIPRAP CLASS III, THEN IT MAY BE USED FOR PLACEMENT ON THE WEST SLOPES AND ANY EXCESS MATERIAL SHALL BE HAULED OFF-SITE. INCLUDED FOR PAYMENT UNDER ITEM "CONSTRUCT ACCESS ROAD". SEE SPECIAL PROVISIONS FOR TEMPORARY ACCESS ROAD CONSTRUCTION AND SUBMITTAL REQUIREMENTS.
- ⑥ SUBSOILING SHALL BE PERFORMED ON ALL AREAS DISTURBED WITH THE EXCEPTION OF RIPRAP AND STREAM BANK AREAS AS DIRECTED BY ENGINEER IN THE FIELD. INCLUDED FOR PAYMENT UNDER ITEM "SUBSOILING".
- ⑦ UPON COMPLETION OF SUBSOILING, PLACEMENT OF TOPSOIL AND TURF ESTABLISHMENT, COVER AREAS WITH EROSION CONTROL BLANKETS CATEGORY 25. TO BE INCLUDED FOR PAYMENT UNDER ITEM "EROSION CONTROL BLANKETS CATEGORY 25".
- ⑧ CONTRACTOR TO VERIFY DEPTH OF SILT CURTAIN PRIOR TO INSTALLATION.
- ⑨ REMOVE EXISTING GATE, POSTS AND SIGNS AT WEST END (EST. 30 LIN. FT.). TO BE INCLUDED FOR PAYMENT UNDER ITEM "REMOVE FENCE".
- ⑩ EXCAVATE EAST ABUTMENT APPROACH FILL (EST. 115 CU. YDS.). REMOVE EXISTING MASONRY AND CONCRETE ABUTMENTS TO APPROX. 3' (MIN.) BELOW PROPOSED GRADE. FOLLOWING REMOVALS, PLACE/COMPACT EXCAVATED COMMON EMBANKMENT MATERIAL TO BOTTOM OF PROPOSED RIPRAP OR MATCH ADJACENT RIVER EMBANKMENT CONTOURS AND AS DIRECTED BY ENGINEER IN THE FIELD. INCLUDED FOR PAYMENT UNDER ITEM "SLOPE PREPARATION".
- ⑪ REMOVE AND DISPOSE OF TIMBER DECK (EST. 2403 SQ. FT.). TO BE INCLUDED FOR PAYMENT UNDER ITEM "REMOVE TIMBER DECK".
- ⑫ DOCUMENT, DISMANTLE AND DISPOSE OF TRUSS STRINGERS. TO BE INCLUDED FOR PAYMENT UNDER ITEM "REMOVE EXISTING BRIDGE".
- ⑬ REMOVE EXISTING PIERS TO APPROX. 3' (MIN.) BELOW FLOWLINE (EST. 4 EACH). TO BE INCLUDED FOR PAYMENT UNDER ITEM "REMOVE PIER".
- ⑭ CONSTRUCT EARTHEN BERM APPROXIMATELY 22' WIDE AT BASE OF BERM. SEE SECTION A-A THIS SHEET FOR DETAILS. FINAL LOCATION OF BERMS TO BE APPROVED BY ENGINEER IN THE FIELD PRIOR TO PLACEMENT.
- ⑮ UPON COMPLETION OF SUBSOILING A MINIMUM OF 4 INCH TOPSOIL LAYER SHALL BE PLACED OVER SUBSOILED AREAS WHICH ARE TO RECEIVE TURF ESTABLISHMENT (EST. 173 CU. YDS.). FURNISHING AND PLACING TOPSOIL TO BE INCLUDED FOR PAYMENT UNDER ITEM "COMMON TOPSOIL BORROW".

LEGEND:

- DENOTES EROSION CONTROL BLANKETS CATEGORY 25 ⑦
- WETLANDS LIMITS BASED ON NATIONAL WETLANDS INVENTORY (NWI) MAPPING

GENERAL PLAN 6 7 15

SECTION A-A - BERM SECTION



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.					STATE AID PROJ. NO. 055-598-066	TITLE: EROSION CONTROL & WORK SCOPE PLAN	DES: KOP	DR: KOP	APPROVED:	BRIDGE NO. L6322
REV. NO.	DATE	REVISION DESCRIPTION	APPROVED				CHK: KDM	CHK: LMK		

SHEET NO. 07 OF 11 SHEETS