

22E241-SK1 THROUGH SK5 | GLENDALE BRIDGE SLAB AND RIP RAP REPAIR DRAWINGS

DWG. NO.

REFERENCE DRAWINGS

2025-09-03 C.CALDERBANK T.SUKKAU J.TOWNSEND

CHK'D

ISSUE FOR CONSTRUCTION

REVISION DESCRIPTION

GENERAL NOTES

DRAWING LIST

SK1: KEY PLAN & NOTES SK2: PLAN & ELEVATIONS SK3: SECTIONS & DETAILS

2. READ THE STRUCTURAL DRAWINGS IN CONJUNCTION WITH ALL OTHER PERTINENT CONTRACT DOCUMENTS. CONTRACTOR TO FIELD CONFIRM ALL DIMENSIONS PRIOR TO

3. THE DRAWINGS SHOW THE COMPLETED PROJECT. THEY DO NOT INCLUDE PROVISIONS THAT MAY BE REQUIRED FOR CONSTRUCTION AND SAFETY. THE CONTRACTOR IS RESPONSIBLE FOR JOB SITE SAFETY AND ALL CONSTRUCTION PROCEDURES USED IN CARRYING OUT THE WORKS, INCLUDING THE REQUISITE ENGINEERING AND DESIGN OF TEMPORARY STRUCTURES, FORMWORK, SHORING, ETC.

4. ONLY DRAWINGS DESIGNATED 'ISSUE FOR CONSTRUCTION' IN THE REVISION DESCRIPTION ARE TO BE USED FOR CONSTRUCTION PURPOSES.

5. DESIGN CODES: CANADIAN HIGHWAY BRIDGE DESIGN CODE CSA S6:19.

## STRUCTURAL STEEL NOTES

1. DETAILING, FABRICATION, AND DELIVERY OF STEEL STRUCTURES SHALL CONFORM TO THE REQUIREMENTS OF CAN/CSA S16, "DESIGN OF STEEL STRUCTURES" AND THE CISC HANDBOOK OF STEEL CONSTRUCTION.

2. THERE SHALL BE NO FIELD CUTTING OR OTHER REMEDIAL WORK OF THE STRUCTURAL STEEL WITHOUT THE WRITTEN AUTHORIZATION OF THE DESIGN ENGINEER.

3. STRUCTURAL STEEL MEMBERS SHALL NOT BE SPLICED WITHOUT THE WRITTEN AUTHORIZATION OF THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE ENGINEER THE LOCATION AND DETAILS OF ANY PROPOSED SPLICE. ANY SPLICE PERMITTED SHALL BE SUBJECT TO ADDITIONAL NDT WELD INSPECTION.

4. WELDING PROCEDURES, MATERIALS, AND QUALITY STANDARDS SHALL CONFORM TO THE REQUIREMENTS OF CSA W59-18, "WELDED STEEL CONSTRUCTION".

5. ALL WELDING, WHETHER IN THE SHOP OR IN THE FIELD, SHALL BE PERFORMED BY QUALIFIED CWB-CERTIFIED WELDERS. THE FABRICATOR SHALL BE CERTIFIED TO CSA W47.1-09 (DIVISION 1 OR 2), "CERTIFICATION OF COMPANIES FOR FUSION WELDING OF STRUCTURAL STEEL.

6. WELDING ELECTRODES SHALL BE E49XX, CONFORMING TO CSA W48-18 "FILLER METALS AND ALLIED MATERIALS FOR METAL ARC WELDING".

7. COMMERCIAL BLAST TO SSPC-SP-6.

8. PRIME WITH ONE COAT OF RUSTEX PRIMER.

9. PAINT WITH TWO COATS OF INDUSTRIAL ENAMEL, COLOUR TO BE OWNER SPECIFIED.

10. ALL STRUCTURAL STEEL SHALL MEET THE REQUIREMENTS OF THE FOLLOWING SPECIFICATIONS AND GRADES. SUBSTITUTIONS SHALL ONLY BE PERMITTED WITH THE WRITTEN PERMISSION OF THE ENGINEER.

- PLATES TO CSA G40.21, GRADE 300W.

- HOLLOW STRUCTURAL SECTIONS TO CSA G40.21, GRADE 350W CLASS C, OR ASTM A1085. - ANCHORS SHALL CONFORM TO ASTM F1554 GRADE 36 AND BE SUPPLIED WITH TWO MATCHING ASTM A563 HEAVY HEX GRADE C NUTS AND TWO MATCHING ASTM F436 WASHERS.

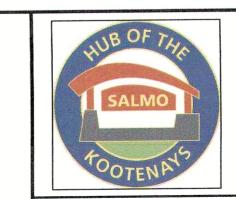
## FIELD REVIEWS

ALL WORK IS TO BE INSPECTED BY AND COMPLETED TO THE SATISFACTION OF THE ENGINEER. FAILURE TO NOTIFY THE ENGINEER AT THE REQUIRED TIMES OF FIELD REVIEWS NOTED BELOW ASSUMES THE OWNER DOES NOT REQUIRE REVIEWS AND WILL ASSUME LIABILITY FOR THE INSTALLATION OF THE PRODUCT.

PROVIDE 48 HOURS NOTICE TO ENGINEER FOR FIELD REVIEWS.

FIELD REVIEW REQUIREMENTS:

- FIELD REVIEW IS REQUIRED AT END OF PROJECT



2025/08/27

2025/08/27

2025/06/23

2025/07/17

DATE

DESIGN CHECKED BY B.CARTER

DRAWN BY

J.TOWNSEND

C.CALDERBANK

NAME

ENGINEERING REVIEW

PERMIT NUMBER: 1000559
ENGINEERS & GEOSCIENTISTS
BRITISH COLUMBIA

AS NOTED

REDWOOD

Trail, B.C. Canada tel(250)364-1688 fax(250)364-1994 www.redwoodengineering.com

GLENDALE AVE, SALMO, BC ERIE CREEK BRIDGE CROSSING GUARDRAILS

KEY PLAN & NOTES

24E159-SK1 PROJECT NUMBER 24E159

