

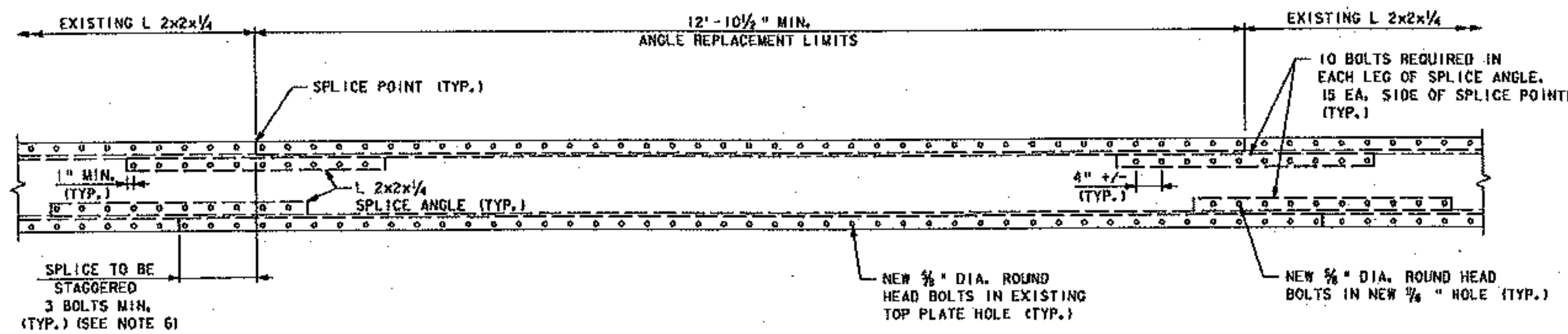
EXISTING STAY PLATE LOCATION

- ① EXISTING L 2x2x1/4 WITH 1/4"x6" STAY PLATE TO BE REMOVED AND REPLACED WITH NEW 1/4"x6"x8 3/4" STAY PLATE ON CONTINUOUS L 2x2x1/4 STIFFENER.
- ② NEW 1/4"x6"x8 3/4" STAY PLATE ON CONTINUOUS L 2x2x1/4 STIFFENER.

**TOP CHORD REHABILITATION DETAIL**  
 (NEW TOP COVER PLATE NOT SHOWN)  
 UPSTREAM TRUSS PANEL, LOOKING UPSTREAM  
 NOT TO SCALE



**SECTION A-A**  
NOT TO SCALE



**VIEW B-B**  
 (NEW TOP COVER PLATE NOT SHOWN)  
 NOT TO SCALE

**NOTES:**

1. ALL NEW BOLTS SHALL BE 3/8" DIAMETER A-325 (OR EQUIVALENT) HIGH STRENGTH ROUND HEAD BOLTS.
2. NEW ANGLES AND PLATES SHALL BE ASTM A-709, GR. 36 MINIMUM.
3. ALL DIMENSIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
4. REUSE EXISTING HOLES AND DRILL NEW HOLES FOR SPLICE ANGLES AND STIFFENER ANGLES AS APPROPRIATE. ALL NEW HOLES SHALL BE 3/8" DIAMETER.
5. INSTALL NEW STIFFENER ANGLES BETWEEN PANEL POINTS U7-U8, AND U8-U9 AS SHOWN. TERMINATE ANGLES AT EXISTING STAY PLATE LOCATIONS NEAREST TO TRUSS PANEL POINTS.
6. ANGLE SPLICES SHALL BE STAGGERED BY A MINIMUM OF 3 BOLTS. STAGGERED SPLICE SHALL EXTEND BEYOND THE MINIMUM LIMITS OF ANGLE REPLACEMENT SHOWN.
7. THE METHOD OF SHORING AND THE SEQUENCE OF TRUSS MEMBER REMOVAL PROPOSED BY THE CONTRACTOR SHALL BE SUBSTANTIATED WITH DESIGN CALCULATIONS PERFORMED AND STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF VERMONT. DETAILS AND CALCULATIONS OF PROPOSED SHORING, INCLUDING THE TRUSS MEMBER REMOVAL SEQUENCE, SHALL BE SUBMITTED TO THE RESIDENT ENGINEER FOR APPROVAL BEFORE ADVANCING THE WORK.

PROJECT NAME: DUMMERSTON TRUSS BRIDGE NO. 37

PROJECT NUMBER: 51192.02

FILE NAME: 5192Chord.dwg  
 PROJECT LEADER: S. M. HODGSON  
 DESIGNED BY: M. A. CHERVINCKY  
 TOP CHORD REHABILITATION

PLOT DATE: 5/20/2011  
 DRAWN BY: B. J. MASSE  
 CHECKED BY: G. S. GOODRICH  
 SHEET 1 OF 2

**VHB Vanasse Hangen Brustlin, Inc.**

SHT: 17A

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