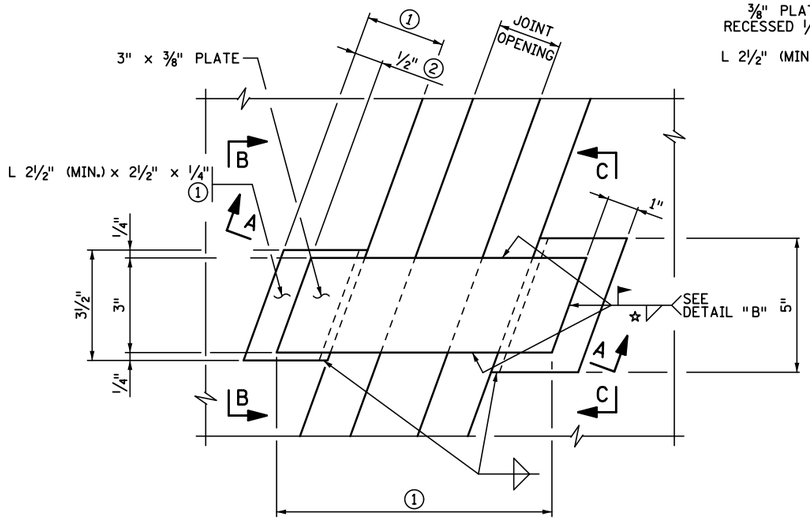
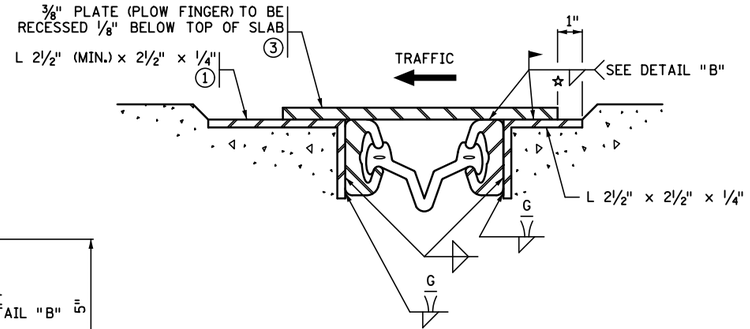
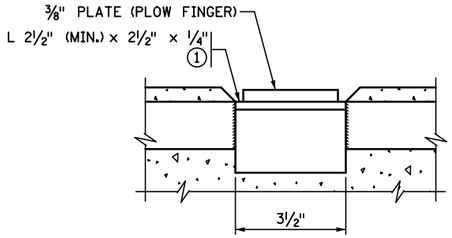


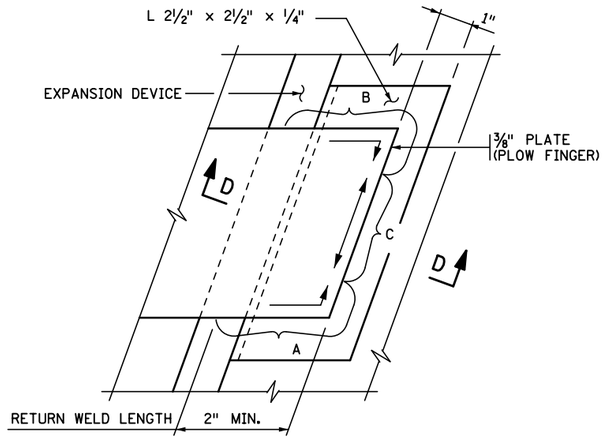
DETAIL "A"



SECTION A-A



VIEW B-B



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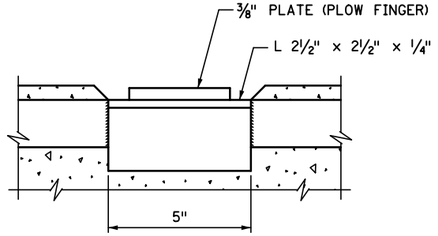
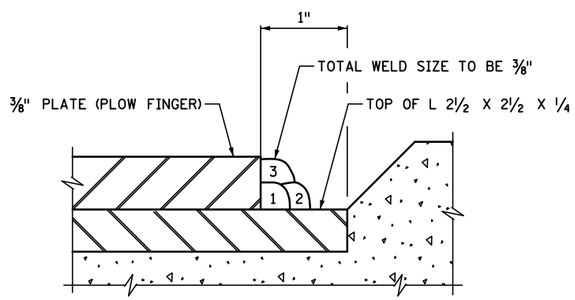
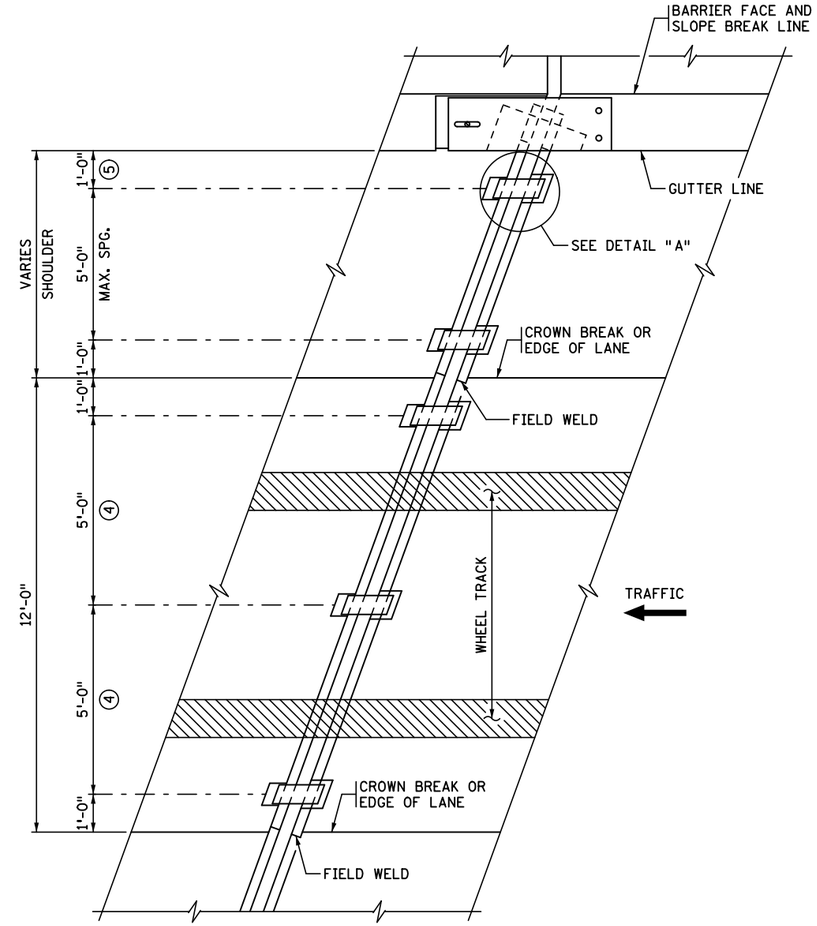


VIEW C-C



SECTION D-D



PLAN VIEW AT EXPANSION DEVICE

☆ WELDING PROCEDURE FOR PLOW FINGERS

I. ALL WELDING SHALL BE DONE WITH 1/8" DIAMETER LOW HYDROGEN SMAW ELECTRODES TYPE E7016 OR E7018.

II. PRIOR TO WELDING, REMOVE THE GALVANIZED COATING IN THE WELD AREA BY GRINDING.

III. WELD PASS ONE IN AREAS A AND B FIRST, THEN AREA C, FOLLOW WITH PASSES TWO AND THREE IN SAME ORDER, AS SHOWN IN DETAIL "B".

IV. REMOVE ALL WELD SLAG AND OTHER RESIDUE BETWEEN PASSES.

V. ALLOW AT LEAST 5 MINUTES COOLING TIME BETWEEN EACH OF THE NINE WELDING PASSES.

GENERAL NOTES

DO NOT GALVANIZE PLOW FINGERS.

(1) VARIES WITH SKEW AND EXPANSION OPENING.

(2) MINIMUM IN CLOSED POSITION.

(3) EVERY SNOW PLOW FINGER SHALL HAVE FULL AND DIRECT BEARING ON THE PLATE THAT IS LOCATED UNDER THE MOVEMENT SIDE OF THE FINGER. NO CLICKING NOISE WILL BE ALLOWED.

(4) MODIFY IF LANE WIDTH DIFFERS FROM 12 FT.

(5) OMIT LAST PLOW FINGER ON DEVICE WITH CURVED END.

REVISION: 11-06-2013

APPROVED: SEPTEMBER 26, 2003

Daniel L. Hagen

STATE BRIDGE ENGINEER

CERTIFIED BY _____ LICENSED PROFESSIONAL ENGINEER _____ DATE

NAME: LIC. NO.

TITLE: WATERPROOF EXPANSION DEVICE SNOW PLOW PROTECTION (USE ON SKEWS OVER 15° AND LESS THAN 50°)

DES:	DR:	APPROVED:
CHK:	CHK:	

SHEET NO. OF SHEETS

FIG. 5-397.628

BRIDGE NO.