



3- #5b4(E) top & bott., typ.
3-Mechanical Splicers for b4(E)- top & bott Ea. End

FINGER PLATE TROUGH INSTALLATION PROCEDURE

- 1) Perimeter of concrete removal area shall be saw cut 3/4" prior to removal.
- 2) Remove Concrete Deck and parapet as shown. During concrete removal, care shall be taken to avoid damage to the existing finger plate, studs, stools, diaphragms, and stringers. Any part of the Finger Plate assembly damaged during removal shall be replaced at the Contractor's expense to the satisfaction of the Engineer.
- 3) After the concrete deck is removed, the finger plate and stools shall be removed in one piece and cleaned.
- 4) Clean and prep the existing angle edge and stool web. Weld new 1/2" trough plate per detail.
- 5) Install trough support channels and angles to match the slope shown.
- 6) Reinstall Finger Plate assembly with new studs and bolts. Adjust stools to account for any temperature variation from 50°F.
- 7) Install trough to match slope shown.

Sliding plates.
See Preformed Joint Strip Seal for details.
See Sheet 31 of 65.

PIER 4 FINGER PLATE EXPANSION JOINT PLAN
(Eastbound bridge shown, Westbound similar)



FILE NAME =	USER NAME =	DESIGNED - BTO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PIER 4 FINGER PLATE TROUGH STRUCTURE NO. 090-0108 & 090-0109	F.A.I. RTE.	SECTION	COUNT	TOTAL SHEETS	SHEET NO.
	CHECKED - JAN	REVISED -	474				PEORIA & TAYLOR	129	21	
	PLOT SCALE =	DRAWN - BTO	REVISED -			CONTRACT NO. 68069				
	PLOT DATE =	CHECKED - JAN	REVISED -			ILLINOIS FED. AID PROJ. CT				