



- FINGER PLATE TROUGH INSTALLATION PROCEDURE**
- 1) Perimeter of concrete removal area shall be saw cut $\frac{3}{4}$ " 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 $\frac{1}{2}$ " trough plate per detail.
 - 5) Prior to re-installation of the finger plate assembly, the Girder bearings shall be removed and replaced.
 - 6) Install trough support channels and angles to match the slope shown.
 - 7) Reinstall Finger Plate assembly with new shims and bolts. Adjust stools to account for any temperature variation from 50°F.
 - 8) Install trough to match slope shown.

PIER 8 & 11 FINGER PLATE EXPANSION JOINT PLAN
 (Pier 8, eastbound shown, westbound opp. hand. Pier 11 similar)

FILE NAME *	USER NAME *	DESIGNED - BTO	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PIER 8 & 11 FINGER PLATE TROUGH STRUCTURE NO. 090-0108 & 090-0109	F.A.I. RTE. NO.	SECTION	COUNT	TOTAL SHEET SHEETS NO.	
		CHECKED - JAN	REVISIONS			474		PEORIA & TA	EWELL	229 75
		DRAWN - BTO	REVISIONS					CONTRACT NO.	68069	
		CHECKED - JAN	REVISIONS					ILLINOIS FED. AID PROJ. #		