

*Girder* 

DETAIL 3

Q  $^{15}$ <sub>16</sub> " dia. holes for  $^{7}$ 8"

└─ 3 spaces at 3"

dia, bolts w/(1) - 5<sub>16</sub> "

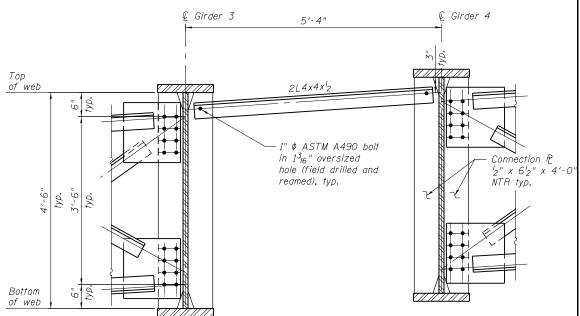
hardened washer, typ.

- L4x4 typ.

b" x 1'-3" x 1'-3"

— Gusset ₽

NTR typ.



## TEMPORARY BRACE FOR STAGE III DECK POUR

## <u>Notes:</u>

Cost of temporary brace included in pay item "Furnishing and Erecting Structural Steel".

All structural steel shall be AASHTO M270 Grade 50.

NTR indicates Notch Toughness Requirements.

## STAGE III DECK POUR AND CLOSURE POUR SEQUENCING 1 Frect girder lines 1 thru 3 with cross frames between girders

- 1. Erect girder lines 1 thru 3 with cross frames between girders 1-2 and 2-3. Abutment and Pier cross frames between girders 3 and 4 to be erected.
- 2. Erect temporary brace between girder lines 3 and 4 at each cross frame location by field drilling and reaming holes in connection plates.
- 3. Pour Stage III deck.
- 4. Install bottom cross frame angle by field drilling and reaming holes in connection plates.
- 5. Remove temporary brace.
- 6. Install top and diagonal angles of cross frames by field drilling and reaming.
- 7. Pour closure pour.

(Sheet 3 of 3)



	USER NAME =	DESIGNED	-	MAH	REVISED
		CHECKED	-	LDB	REVISED
	PLOT SCALE =	DRAWN	-	DR	REVISED
3	PLOT DATE =	CHECKED	-	JMH	REVISED

Connection P

NTR typ.

typ.

typ.

\* \( \frac{1}{4} \) on top flange except between Splice 1 & 2

NTR typ.

2" x 62" x 4'-6"

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE NO. 016–1322									
SHEET	NO	528	ΩF	549	SHEETS				

F.A.P. SECTION COUNTY TOTAL SHEETS NO. 0383 0303-474HB-R COOK 368 220 CONTRACT NO. 60F63