

## NOTES

Detail I - With Bar Splicer or Couplers:

Connect one (1) I'' x 7' 'x 'W'' steel £ to the top layer of couplers with 2-5<sub>8</sub>'' \$\phi\$ bolts screwed to coupler at approximate £ of each barrier panel.

Detail II - With Extended Reinforcement Bars:

Connect one (1) 1" x 7" x "W" steel & to the concrete slab or concrete wearing surface with 2-58" \$\phi\$ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate C of each barrier panel.

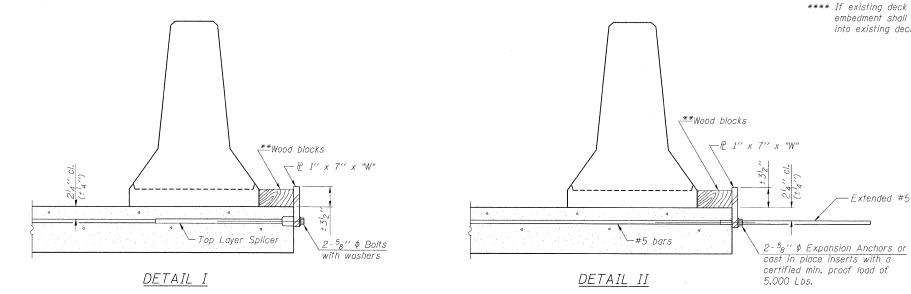
Cost of anchorage is included with Temporary Concrete Barrier. The 1" x 7" x "W" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

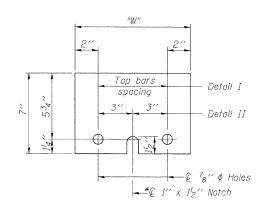
## SECTIONS THRU SLAB OR DECK BEAM

- \*\*\* Dimension shown is minimum required embedment into concrete.

  If hot-mix asphalt wearing surface is present, minimum embedment shall be in addition to wearing surface depth.
- \*\*\*\* If existing deck beam is to remain in place after stage construction, embedment shall only be into wearing surface and not into existing deck beam concrete.

Extended #5 bars





STEEL RETAINER P 1" x 7" x "W"

\* Required only with Detail II

\*\* Wood blocks may be omitted when required to provide minimum stage traffic lane width. When the wood blocks are omitted, the concrete barrier shall be in direct contact with the steel retainer plate.

"W" = Top bars spacing + 4"

R-27

LOCHNER	USER NAME =	DESIGNED -	REVISED
H.W. LOCHNER, INC. CONSULTING ENGINEERS AND PLANNERS 20 N. WACKER DRIVE, SUITE 1200 CHICAGO, ILLINDIS 60606	FILE NAME = Ø71ØØ97-64D16-Ø24-MD3.dgn	CHECKED -	REVISED
	PLOT SCALE =	DRAWN -	REVISED
	PLOT DATE =	CHECKED -	REVISED

STATE	0F	ILLINOIS
DEPARTMENT (	OF 1	<b>TRANSPORTATION</b>

TEMPORARY CONCRETE BARRIER							
	STRU	CTL	IRE	NO	). 07	10097	
	CHEET	NO	24	OF	26	CHEETC	

A.P.	SECTION		COUNTY	TOTAL	SHEET
742	38VBR-1	38VBR-1		87	85
			CONTRACT	NO. 64	D16
	ILLINOIS	FED.	AID PROJECT		

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