

## NOTES

Detail I - With Bar Splicer or Couplers: Connect one (1) 1"  $\times$  7 $\frac{1}{4}$ "  $\times$  "W" steel R to the top layer of couplers with 2- $\frac{5}{8}$ "  $\phi$  bolts screwed to coupler at approximate © of each barrier panel.

Detail II - With Extended Reinforcement Bars:

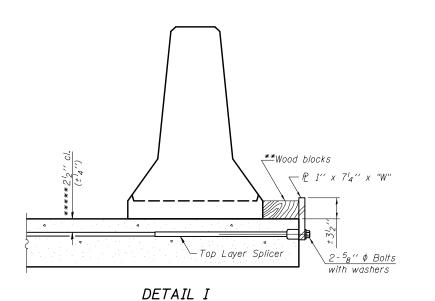
Connect one (1) 1" x 7 4" x "W" steel £ to the concrete slab or concrete wearing surface with  $2^{-\frac{5}{8}}$ "  $\phi$ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate € of each barrier panel.

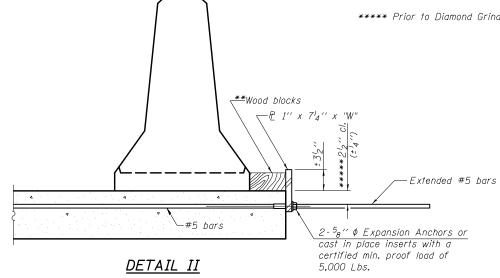
Cost of anchorage is included with Temporary Concrete Barrier. The 1"  $\times$  7 $\frac{1}{4}$ "  $\times$  "W" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

## 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.
- \*\*\*\*\* Prior to Diamond Grinding of Bridge Section

EXISTING DECK BEAM





"W" Top bars - Detail I spacing - Detail II -@ <sup>7</sup>8'' ¢ Holes \*@ 1" x 12" Notch

STEEL RETAINER PL 1" x 74" 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"

FILE NAME =	USER	NAN
\$FILES\$		
🖊 MAURER-STUTZ	PLOT	SCA
ENGINEERS SURVEYORS	PLOT	DA.

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	USER NAME = piersonbr	DESIGNED - BAS	REVISED -	_
		CHECKED - JAE	REVISED -	ı
Z	PLOT SCALE =	DRAWN - SGM	REVISED -	ı
	PLOT DATE = 7/30/2013 \$TIME\$	CHECKED - BAS	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MODIFIED TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STRUCTURE NO. 057-0254		(57-20HB)BR-1	MCLEAN	440	240
			CONTRACT	NO. 7	0570
SHEET NO. 5 OF 28 SHEETS		ILLINOIS FED. AI	D PROJECT		