## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Drill  $1^l_4$ "  $\phi$  Holes in existing beam for 1"  $\phi$  x 11" dowel bars.

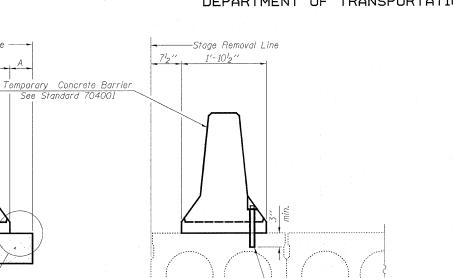
\*\*Wood blocks

-Extended #5 bars

 $2^{-5}8'' \phi$  Expansion Anchors or cast in place inserts with a

certified min. proof load of

5,000 Lbs.



NEW SLAB

See Detail I or Detail II.

Stage construction line -

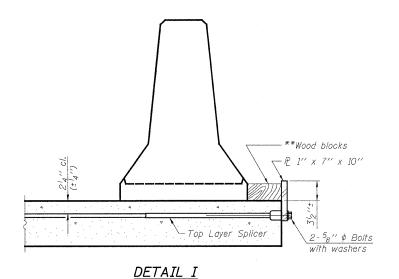
Traffic side only. Cost included with Temporary Concrete Barrier.

EXISTING PPC DECK BEAMS

— #5 bars

DETAIL II

## SECTIONS THRU SLAB



When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according

to Detail I or Detail II. No anchorage is required

when "A" is greater than 3'-6".

DESIGNED KLH

CHECKED EML

DRAWN KLH

CHECKED EML

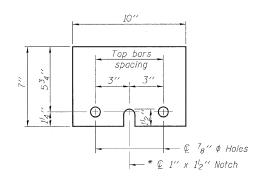
\*\* Wood blocks may be omitted when required to provide minimum stage traffic lane width. When the wood blocks are omitted, the concrete barrier shall be in direct contact with the steel retainer plate.

## **NOTES**

Detail I - With Bar Splicer or Couplers: Connect one (1) 1"x7"x10" steel  $\mathbb P$  to the top layer of couplers with  $2^{-5}8'' \not \phi$  bolts screwed to coupler at approximate  $\widehat{\mathbb P}$  of each barrier panel.

Detail II - With Extended Reinforcement Bars: Connect one (I) I''x7''x10'' steel  $f_c$  to the concrete slab with  $2-\frac{5}{9}e''$   $\phi$  Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate  $f_c$  of each barrier panel.

Cost of anchorage is included with Temporary Concrete Barrier. The  $1^{\prime\prime}$  x  $7^{\prime\prime}$  x  $10^{\prime\prime}$  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.



## STEEL RETAINER P 1" x 7" x 10"

\* Required only with Detail II

TEMPORARY CONCRETE BARRIER

FOR STAGE CONSTRUCTION

F.A.P. ROUTE 328 - SECTION (8BR-2)B-1



WAYNE COUNTY STATION 888+60.00 STRUCTURE NO. 096-0067