| ROUTE NO. | SECTION | COUNTY | | SHEET'S | SHEET NO. | SHEET NO | . 11 |
|-----------------------|------------------------|----------|-------------------|---------|--------------|-----------|------|
| FAU 8996 | 05- 00221- 00-BR | MADISON | | 20 | 19 | 12 SHEETS | |
| PED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT- | | | | |

Contract No. 97281

When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according to Detail II. No anchorage is required when "A" is greater than 3'-6".

See Standard 704001

Stage Construction Line

2'-0"

NJ shape

1'-10'2"

F shape

1'-10'2"

See Detail I

or Detail II. No anchorage is required when "A" is greater than 3'-6".

Styrofoam Pads (NJ Shape only) See Standard 704001

Temporary Concrete Barrier

Stage Removal Line

2'-0"

NJ shape

1'-10'2"

F shape

Drill 1'4" \$ Holes in existing slab for 1" \$ x 10" dowel bars. Traffic side only. Cost included with Temporary Concrete Barrier.

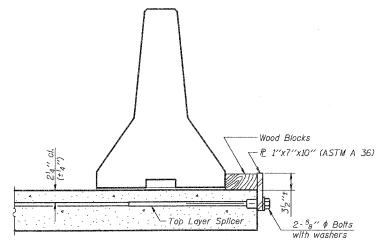
NEW SLAB

EXISTING SLAB

bars are in place and the concrete is ready to be

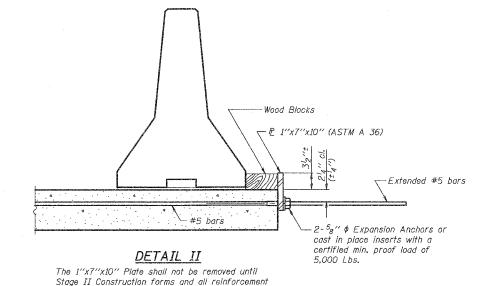
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SECTIONS THRU SLAB



<u>DETAIL I</u>

The 1"x7"x10" Plate shall not be removed until Stage II Construction forms and reinforcement bars are in place.



Top bars spacing
Detail I

3" 3"
Detail II

\$\Phi\$ \$\frac{7}{8}" \phi\$ Holes

* \Phi 1"x12" Notch

<u>NOTES</u>

each barrier panel.

Detail II - With Extended Reinforcement Bars:

Connect one (1) 1"x7"x10" steel £ to the

concrete slab with 2-5%" \$ Expansion Anchors

Cost of anchorage is included with Temporary Concrete Barrier.

each barrier panel.

Connect one (I) 1''x7''x10'' steel P to the top layer of couplers with $2^{-5}8''$ ϕ bolts screwed to coupler at approximate P of

or cast in place inserts spaced between the top layer of reinforcement at approximate ${\mathfrak L}$ of

Detail I - With Bar Splicer or Couplers:

<u>P 1"x7"x10"</u>

* Required only with Detail II

TEMPORARY CONCRETE BARRIER
HUMBERT ROAD OVER
BLACK CREEK
SECTION 05-00221-00-BR
CITY OF ALTON
STA. 278+31.50
STRUCTURE NO. 060-3023