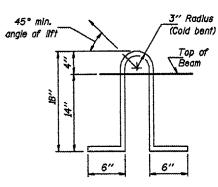


END BLOCK DETAILS

Each beam shall have four Lifting Loops, two at each end of beam cast in locations shown above. Loops shall be burned off after beams have been erected.



LIFTING LOOP DETAIL

Lifting loops shall be 2, 12"4-270 ksl strands, as shown. Alternate approved lifting devices are also acceptable.

3-#4 U bars Each Side 8x3-W2.5xW5.5 Wire Fabric Full Depth of Beam (W5.5 Vertical) END REINFORCEMENT (SKEWED)

ROUTE

TR 328

SECTION

02-05115-00-BR

PROJECT NO. BROS-077(39)

COUNTY JACKSON

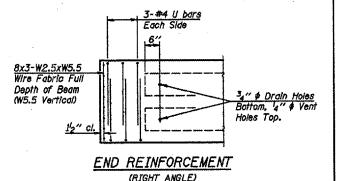
11

CONTRACT NO. 99243

3₄ " ø Drain Holes

Bottom. 4" 9 Vent

Holes Top.



DIMENSION 'C'

NOTES

The nominal diameter shall be 2" and the nominal cross-sectional area shall be

Rail Post anchor devices shall be cast into outside beam as elsewhere specified.

6. Keyway surfaces shall be cleaned to remove form all or other band breaking material prior to shipment of the beams. Cleaning shall be done by sandblasting the keyway areas

When a Waterproofing Membrane System is specified, the top surface of the beams shall be screeded with a straightedge and finished with a hand float. The finished surface shall be free of depressions or high spots with sharp corners and the top edge of keys

Reinforcement bars shall conform to the requirements of AASHTO M-31 or M-322, Grade 60.

1. Prestressing steel shall be uncoated high strength, low relaxation 7-wire

shall be rounded or chamfered a minimum of \".

between the top of the beam and the bottom edge of the key.

strand, Grade 270.

0.153 square inches.

Skew Angle 'D'	0°	5°	10°	<i>1</i> 5°	20°	25°	30°
Dimension 'C' (Inches)	0	3/8	638	9 ⁵ 8	13/8	1634	2034

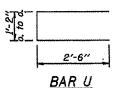
* TRANSVERSE STRAND PLACEMENT GUIDELINES

<u>Ifting</u>

Loops

- Place stronds symmetrically about centerline of beam.
- 2. The minimum distance from center to center of strands in all directions shall be 2".
- The minimum clearance from strand to dowel hole shall be 2".
- 4. The minimum clearance from strand to void shall be $1_2^{\prime\prime}$.

Vertical placement of strands shall not be adjusted to satisfy the above guidelines.



MIN. BAR LAP #5 bars = 1'-8"

DESIGN STRESSES

f6 = 5,000 p.s.l.

fi = 270,000 p.s.l. (2" + Strand)

fat = 201,960 p.s.l. (2" \$ Strand)

 $f_y = 60,000 p.s.l.$

 $f'_{0l} = 4,000 \text{ p.s.l.}$

P.P.C. DECK BEAM DETAILS

17" x 36" BEAMS 24' ROADWAY STANDARD CB-2417-36

III-1