

TYPICAL SECTION

\*-THE MAXIMUM BARRIER RAIL HEIGHT AND ASPHALT THICKNESS IS SHOWN. THE HEIGHT OF THE BARRIER RAIL AND ASPHALT THICKNESS VARIES WHILE THE TOP OF THE BARRIER RAIL

FOLLOWS THE PROFILE OF THE GUTTERLINE. FOR RAIL HEIGHT DETAILS AND ASPHALT THICKNESS SEE THE "VERTICAL CONCRETE BARRIER RAIL SECTION" DETAIL.

 $\sim 2^{1/2}$ " Ø DOWEL HOLE

12" Ø ¬

ELASTOMERIC BEARING PAD

-SEE "END BENT" SHEETS FOR DETAILS

VOIDS

FIXED END

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ASPHALT

2 LAYERS OF 30 LB. ROOFING FELT TO PREVENT BOND.

& #6 DOWELS

11/2" Ø BACKER ROD

SEE "BRIDGE"

APPROACH SLAB"
SHEET FOR DETAILS

WEARING

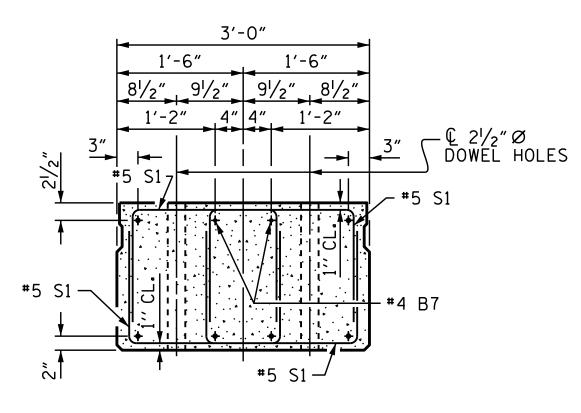
SURFACE -

## 3'-0'' 11'' 4'' 4'' #4 B7 r12" Ø VOIDS ∾ 2 SPA. -@ 2"CTS. INTERIOR SLAB SECTION (55'UNIT) (19 STRANDS REQUIRED)

## 0.6" Ø LOW RELAXATION STRAND LAYOUT

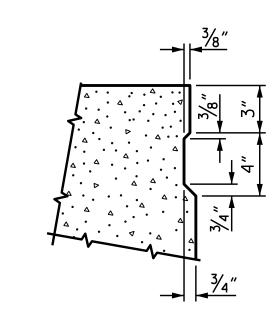
BOND SHALL BE BROKEN ON THESE STRANDS FOR A DISTANCE OF 6'-O" FROM END OF CORED SLAB UNIT. SEE STANDARD SPECIFICATIONS. ARTICLE 1078-7.

## DEBONDING LEGEND



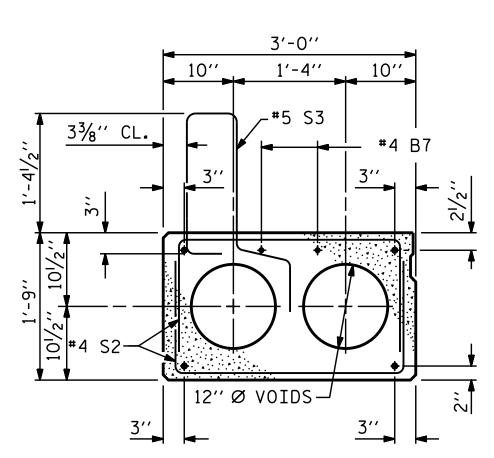
## END ELEVATION

INTERIOR SLAB UNIT SHOWN-EXTERIOR SLAB UNIT SIMILAR EXCEPT SHEAR KEY LOCATION.



SHEAR KEY DETAIL

NOTE: OMIT SHEAR KEY ON OUTSIDE FACE OF EXTERIOR CORED SLABS.

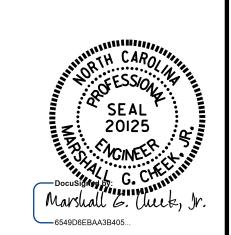


EXT. SLAB SECTION

(FOR PRESTRESSED STRAND LAYOUT, SEE INTERIOR SLAB SECTION.)

PERMITTED THREADED INSERT CAST IN OUTSIDE FACE OF EXTERIOR UNIT AND RECESSED 3/8". SIZE TO BE DETERMINED BY CONTRACTOR. THREADED INSERT DETAIL

PROJECT NO. B-5391 ALEXANDER \_ COUNTY STATION: 14+56.30 -L-



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD

3'-0'' X 1'-9'' PRESTRESSED CONCRETE CORED SLAB UNIT 90° SKEW

10/2/2017 SHEET NO **REVISIONS** S-4 DATE: DATE: BY: DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED TOTAL SHEETS

SHEET 1 OF 3

SHOWING PLACEMENT OF DOUBLE STIRRUPS AND LOCATION OF DOWEL HOLES. (STRAND LAYOUT NOT SHOWN.)

—HOLE FOR TRANSVERSE STRAND

SECTION AT END BENT

ELEVATION VIEW

SECTION B-B

X 5" X 5" ₽

·STRAND VISE

TILL RECES.

WITH GROUT

GROUTED RECESS AT END OF POST-TENSIONED STRAND OF CORED SLABS

OUTSIDE FACE —
OF EXTERIOR 1/2
CORED SLAB

ASSEMBLED BY : G.KOUCHEKI CHECKED BY : E.K.POPE DATE :10/20/16 DATE :12/01/16 DRAWN BY: DGE 5/09 CHECKED BY: BCH 6/09 MAA/TMG REV. 8/14

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© 0.6" Ø L.R. TRANSVERSE POST-TENSIONING STRAND SHEATHED WITH A NON-CORROSIVE PIPE.