

ASPHALT -

WEARING

SURFACE

2 LAYERS OF 30 LB. T ROOFING FELT TO

11/2" Ø BACKER ROD

PREVENT BOND.

Q BEARING

SECTION AT END BENT

& #6 DOWELS

DATE: 09/2017

DATE : 12/2017

MAA/TMC

REV. 9/14

SEE "BRIDGE"

ASSEMBLED BY : A. GODFREY

CHECKED BY : G. KOUCHEKI

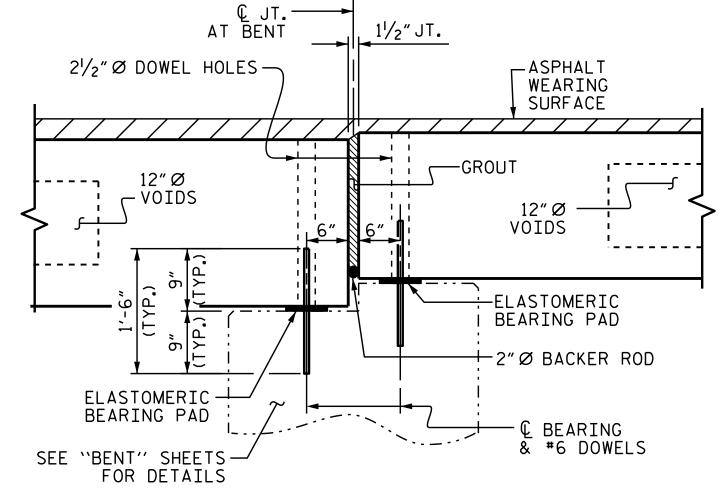
DRAWN BY: MAA 6/10

CHECKED BY : MKT 7/10

APPROACH SLAB"

SHEET FOR DETAILS

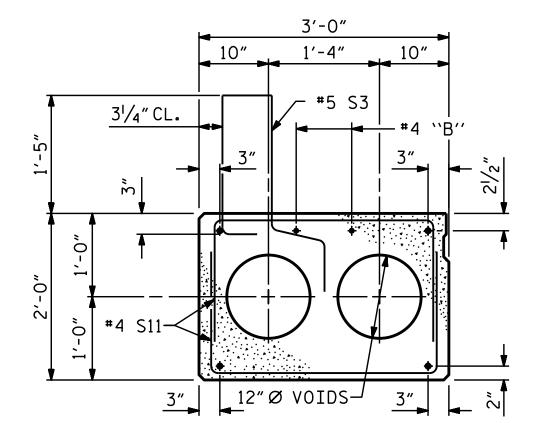
 $1\frac{1}{2}$ " JT. AT BENT _ ASPHAL T $2\frac{1}{2}$ " Ø DOWEL HOLES — WEARING $\sim 2^{1/2}$ Ø DOWEL HOLE SURFACE ---- 12"Ø ─ VOIDS VOIDS ____ - - - - --ELASTOMERIC BEARING PAD -2"Ø BACKER ROD ELASTOMERIC ELASTOMERIC BEARING PAD BEARING PAD BEARING & #6 DOWELS -SEE "END BENT" SHEETS FOR DETAILS SEE "BENT" SHEETS -FOR DETAILS



SECTION AT BENT

€ 0.6"Ø L.R. TRANSVERSE POST-TENSIONING STRAND —HOLE FOR SHEATHED WITH A TRANSVERSE STRAND NON-CORROSIVE PIPE. × 5" × 10" ₽ ⊢STRAND VISE -FILL RECESS WITH GROUT OUTSIDE FACE—
OF EXTERIOR 1/ $5^{1}/4^{4} \times 10^{1}/4^{4}$ CORED SLAB SECTION B-B ELEVATION VIEW

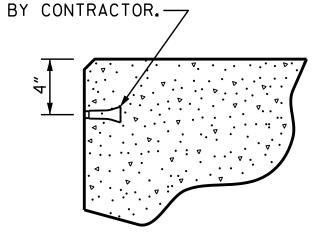
GROUTED RECESS AT END OF POST-TENSIONED STRAND. CORED SLABS



EXTERIOR 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



THREADED INSERT DETAIL

— € 2½″Ø \ DOWEL HOLES

#5 S15

1'-6"

1" CL.

END ELEVATION

SHOWING PLACEMENT OF DOUBLE STIRRUPS

AND LOCATION OF DOWEL HOLES.

(STRAND LAYOUT NOT SHOWN.)

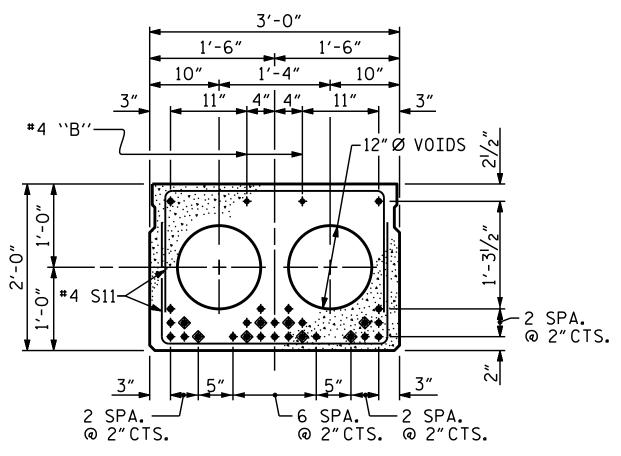
INTERIOR SLAB UNIT SHOWN-EXTERIOR SLAB UNIT SIMILAR EXCEPT SHEAR KEY LOCATION.

#5 S10~

81/2" 91/2" 91/2" 81/2"

1'-2" 4" 4" 1'-2"

1'-6"

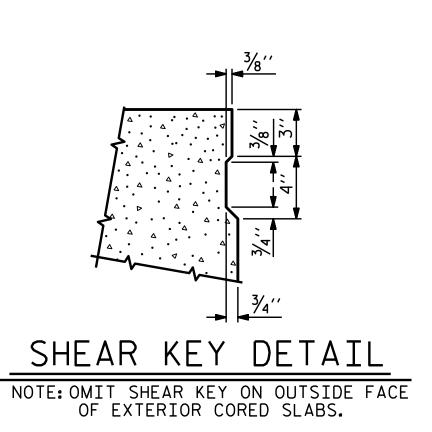


INTERIOR SLAB SECTION (70' UNIT) (28 STRANDS REQUIRED)

0.6'' Ø RELAXATION STRAND LAYOUT

BOND SHALL BE BROKEN ON THESE STRANDS FOR A DISTANCE OF 12'-O"FROM END OF CORED SLAB UNIT. SEE STANDARD SPECIFICATIONS, ARTICLE 1078-7.

DEBONDING LEGEND



PROJECT NO. B-5407 POLK COUNTY STATION: 13+52.00 -L-

DEPARTMENT OF TRANSPORTATION

SHEET 1 OF 5

STANDARD 3'-0'' X 2'-0'' PRESTRESSED CONCRETE CORED SLAB UNIT 90°SKEW

STATE OF NORTH CAROLINA

DOCUM SIG

SEAL O31021 NOINEER MARININIA
DocuSigned by: MWWW MALE B04B5A4F2FAD484

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3/6/2018	REVISIONS						SHEET NO
MENT NOT CONSIDERED	NO.	BY:	DATE:	NO.	BY:	DATE:	S-6
FINAL UNLESS ALL	1			3			TOTAL SHEETS
GNATURES COMPLETED	2			4			24

01-MAR-2018 15:06 R:\Structures\Finalplans\401_011_B5407_SMU_ TS01_006_740034.dgn

STD. NO. 24PCS4_33_90S