

CONC. BARRIER RAIL FOR REINFORCING STEEL IN BARRIER RAIL SEE SHEET 4 OF 4. (TYP.)

ASPHALT WEARING SURFACE (SEE ROADWAY PLANS)

7 15/16" @ C BEARING

3/4" @ C BEARING (TYP. BOTH SIDES)

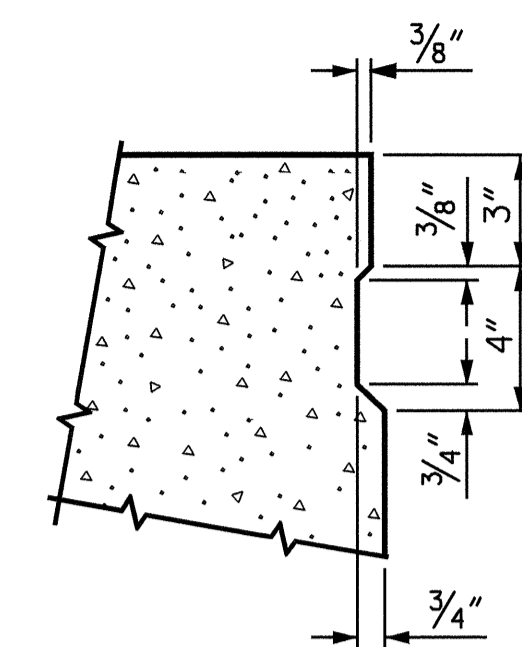
GRADE PT. 0.02

1/2" Ø H.S. TRANSVERSE POST-TENSIONING STRAND IN 2" Ø HOLE

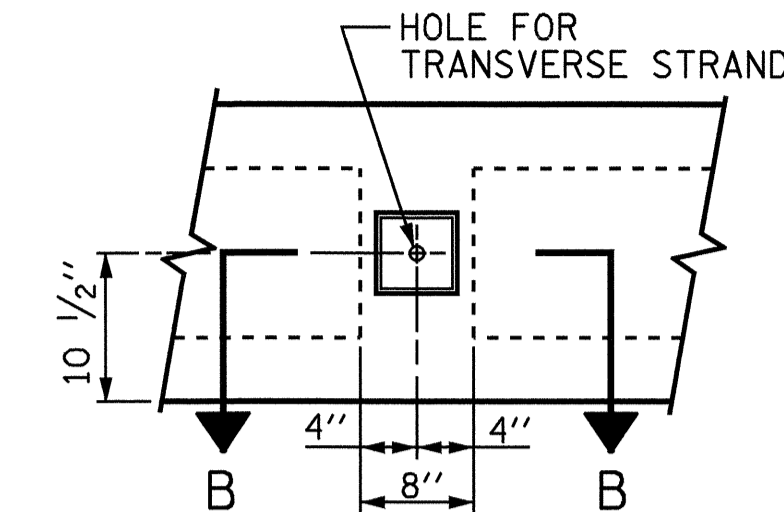
14 PRESTRESSED CONCRETE CORED SLAB UNITS = 42'-0"

SHEAR KEYS TO BE FILLED WITH GROUT AFTER ALL ERECTION HAS BEEN COMPLETED AND AFTER FINAL TENSIONING OF TRANSVERSE STRANDS

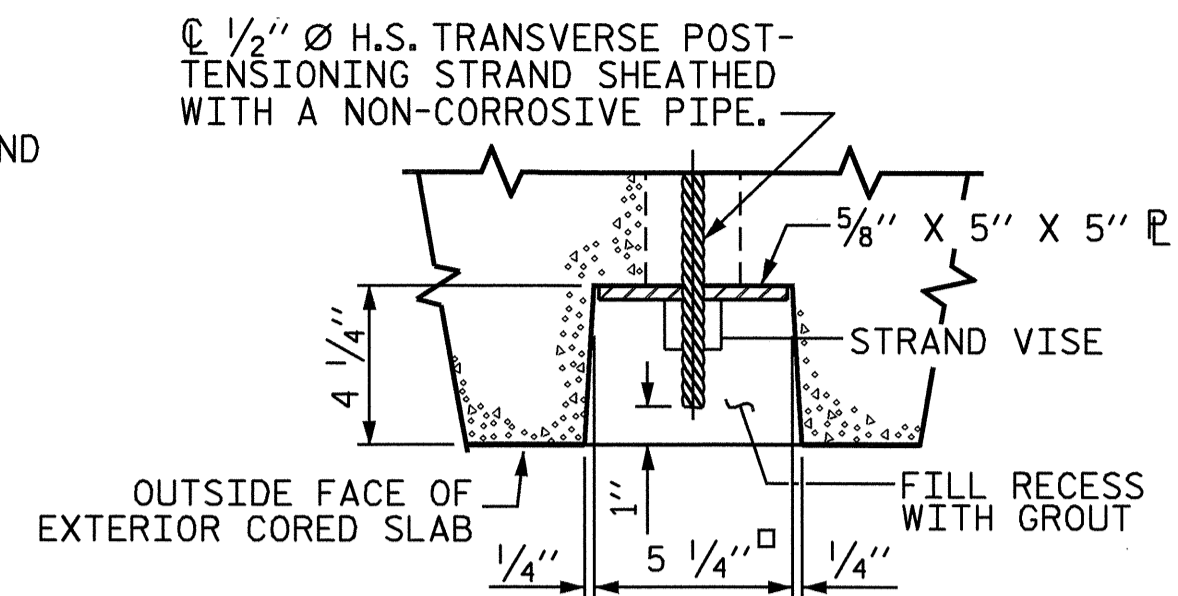
HALF SECTION AT INTERMEDIATE DIAPHRAGM HALF SECTION AT 12" DIAMETER VOIDS



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



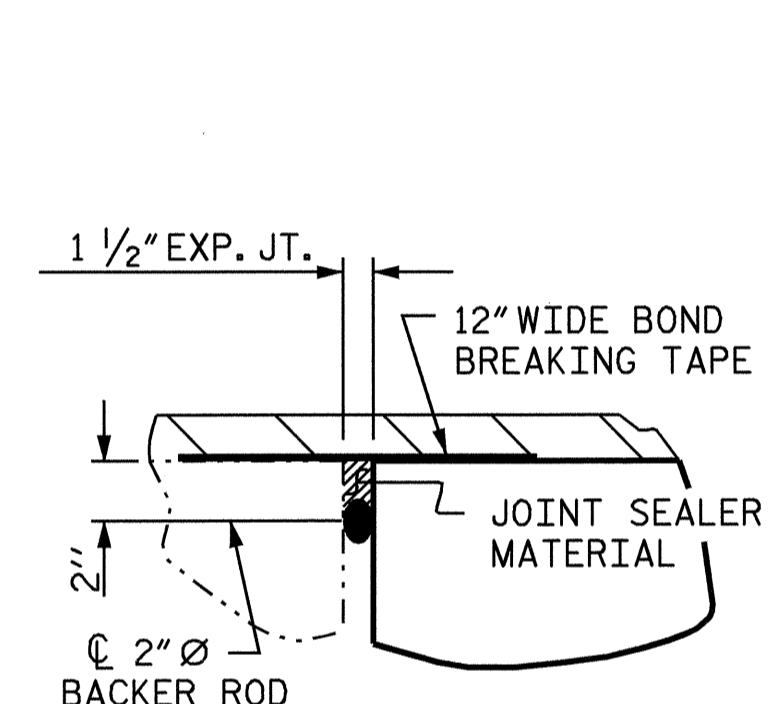
ELEVATION VIEW



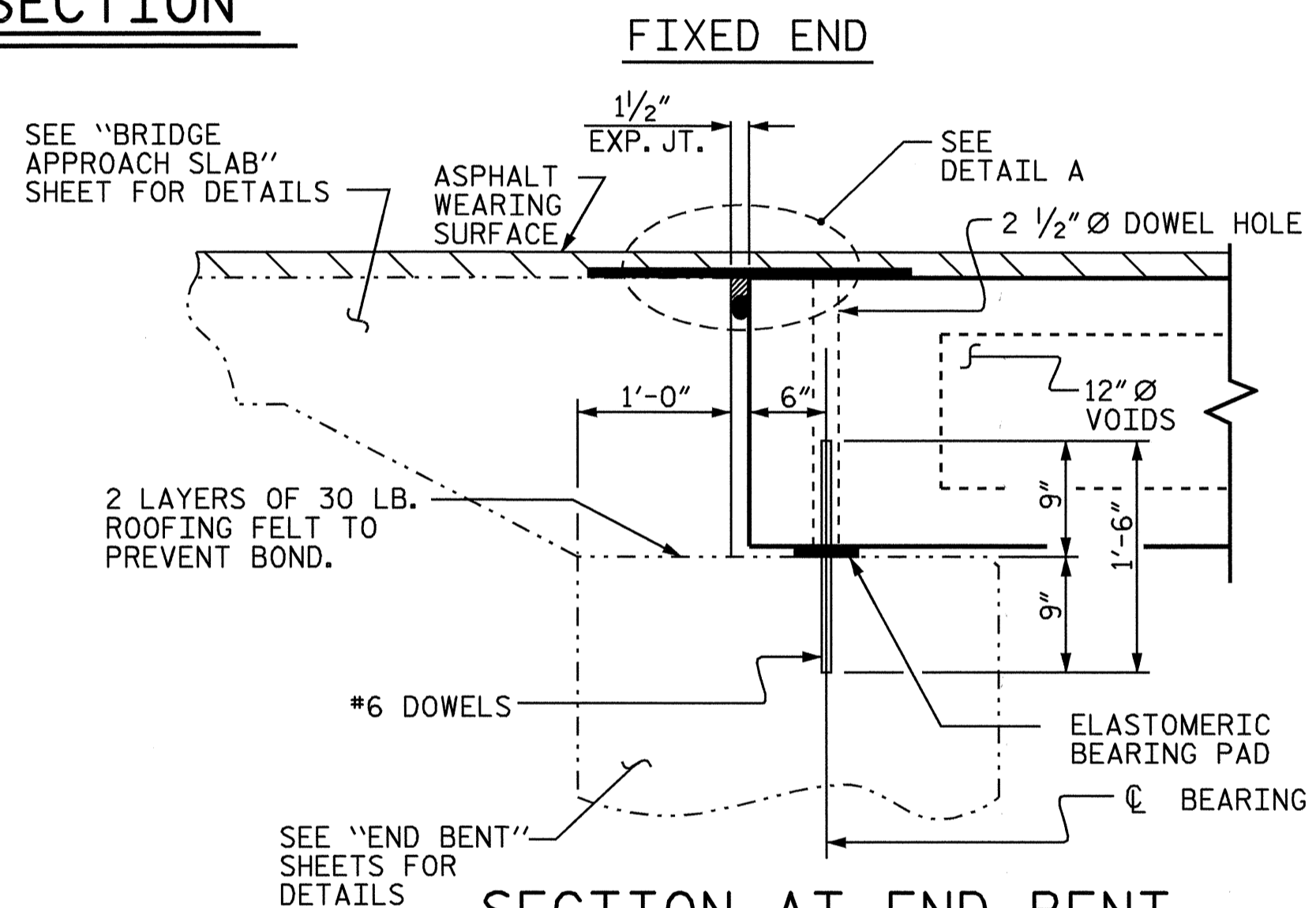
SECTION B-B

GROUTED RECESS AT END OF POST-TENSIONED STRAND CORED SLABS

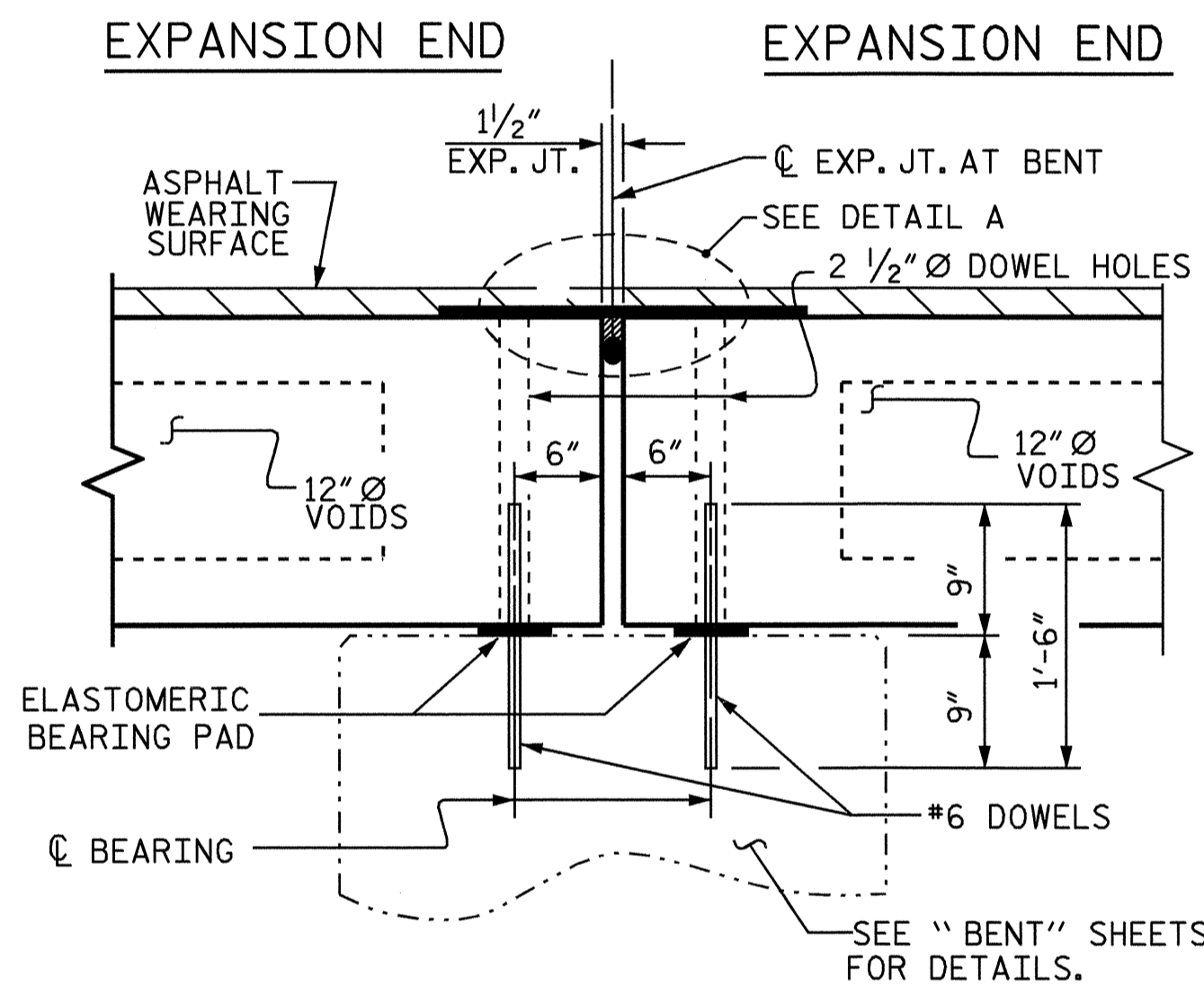
TYPICAL SECTION



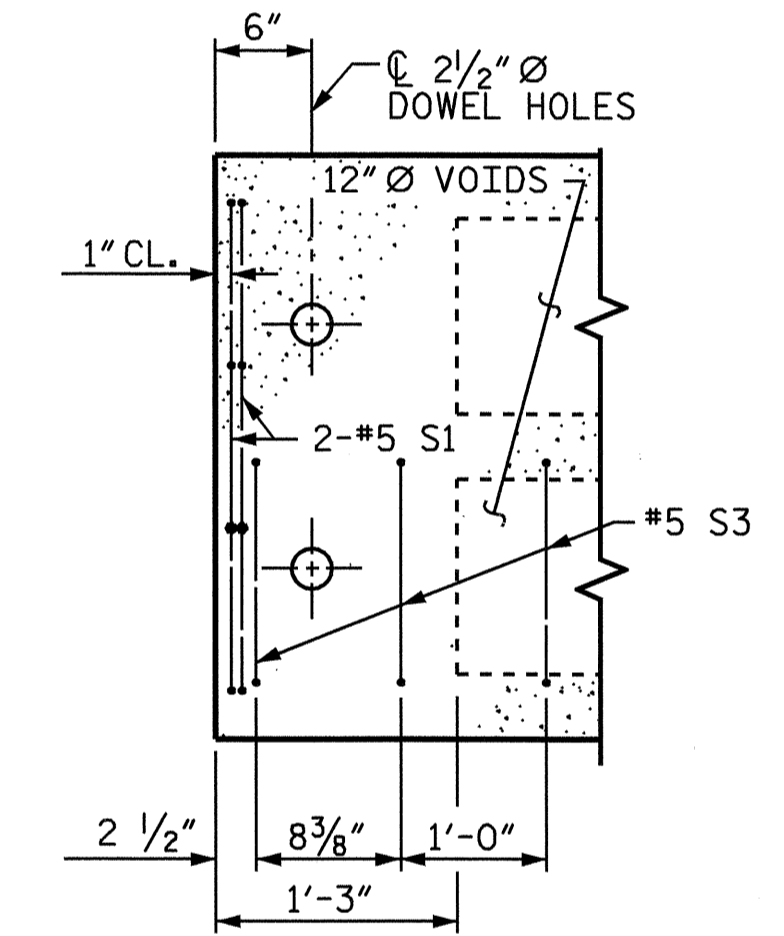
DETAIL A



SECTION AT END BENT

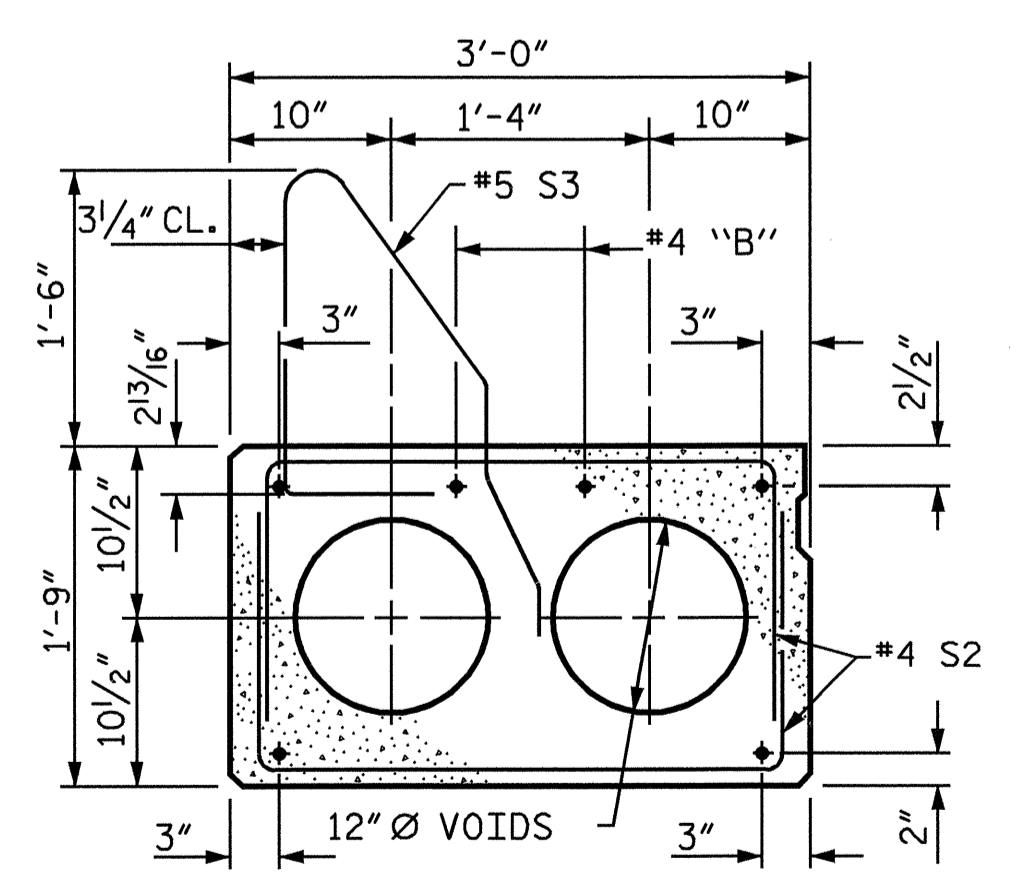


SECTION AT BENT



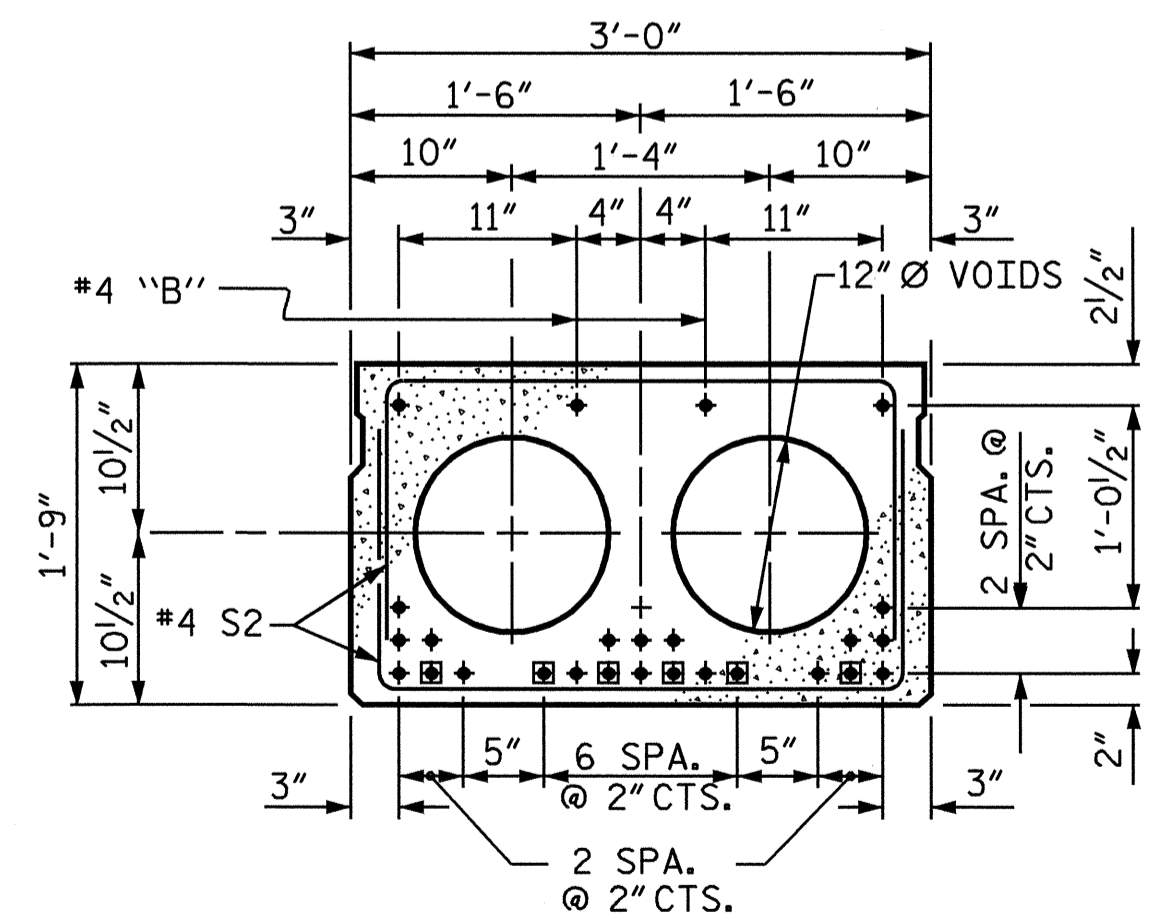
PART PLAN-EXTERIOR SECTION

NOTE: EXTERIOR SECTION-SHOWN-INTERIOR SECTION SIMILAR EXCEPT OMIT S3 BARS.



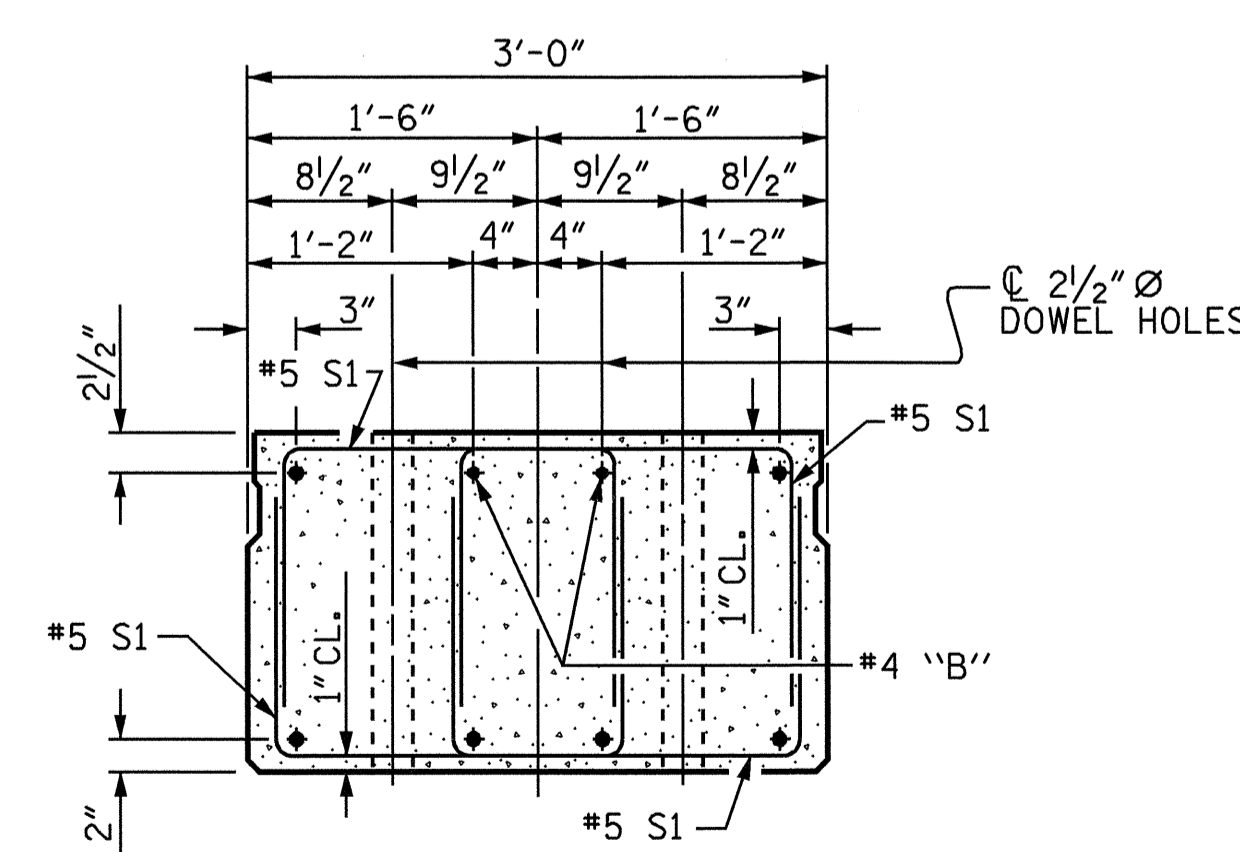
EXTERIOR SLAB SECTION

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



INTERIOR SLAB SECTION

1/2" Ø LOW RELAXATION STRAND LAYOUT



END ELEVATION

SHOWING PLACEMENT OF DOUBLE STIRRUPS AND LOCATION OF DOWEL HOLES. (STRAND LAYOUT NOT SHOWN.) INTERIOR SLAB SECTION SHOWN-EXTERIOR SLAB SECTION SIMILAR EXCEPT SHEAR KEY LOCATION.

BOND SHALL BE BROKEN ON THESE STRANDS FOR A DISTANCE OF 4'-9" FROM END OF CORED SLAB UNIT. SEE STANDARD SPECIFICATIONS ARTICLE 1078-7.



PROJECT NO. B-3871
MARTIN COUNTY
STATION: 16+67.50 -L-

SHEET 1 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**STANDARD
3'-0" x 1'-9"
PRESTRESSED CONCRETE
CORED SLAB UNIT**

REVISIONS				SHEET NO.
NO.	BY:	DATE:	NO.	DATE:
1			3	
2			4	

S-4
TOTAL SHEETS
16