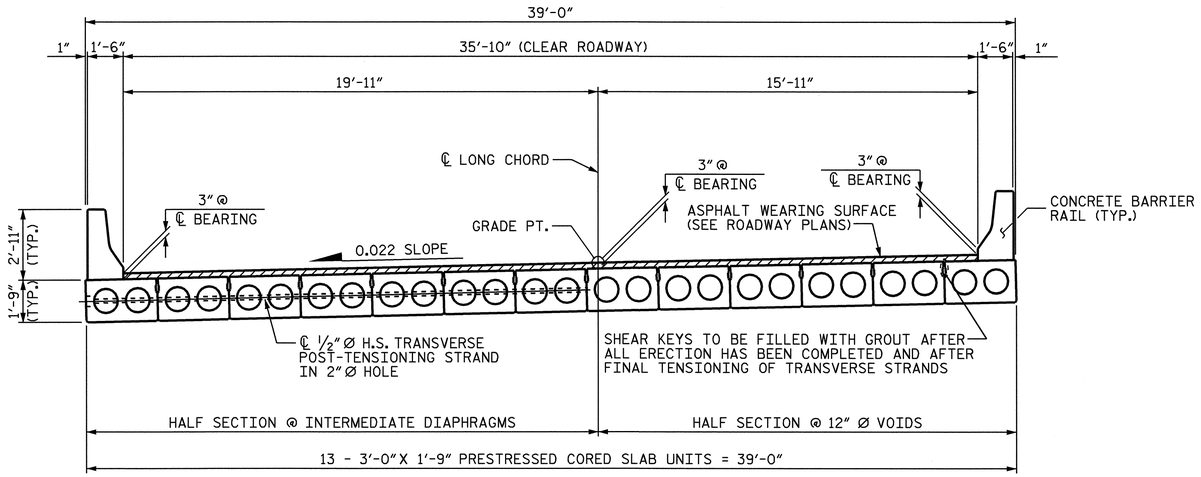
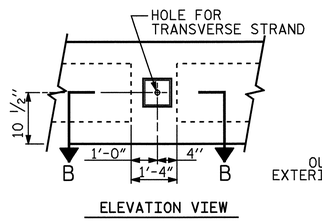
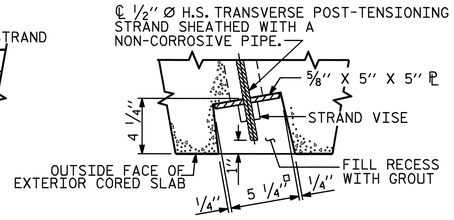
W:\squado\b3884\ameadows\Microstation\B3884_FINALS\b3884
ameadows



TYPICAL SECTION

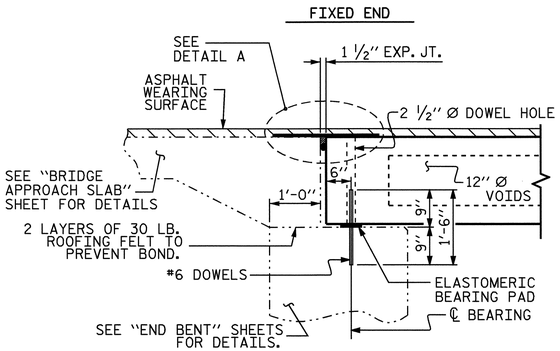


ELEVATION VIEW

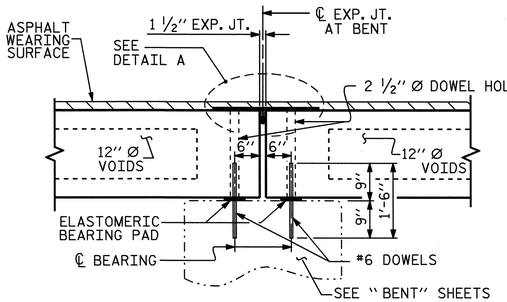


SECTION B-B

GROUTED RECESS AT END OF POST-TENSIONED STRAND CORED SLABS

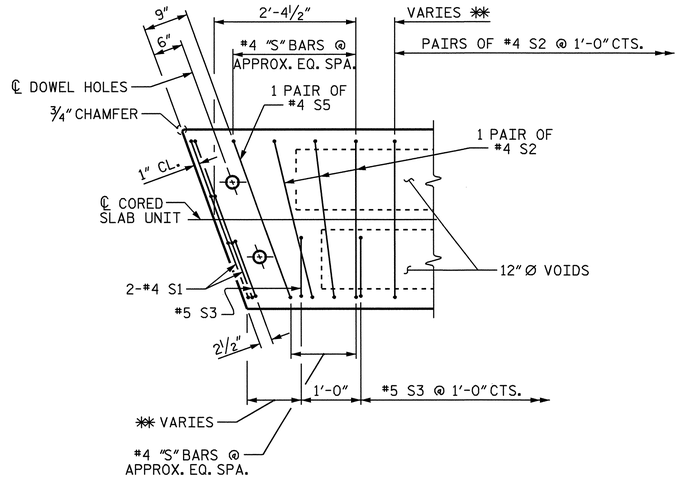


SECTION AT END BENT



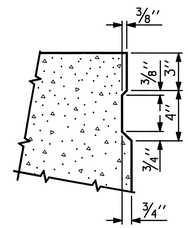
EXPANSION END @ BENT 1
EXPANSION END @ BENT 2
FIXED END @ BENT 1
EXPANSION END @ BENT 2

SECTION AT BENT



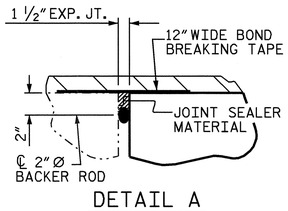
PART PLAN-EXTERIOR SECTION

NOTE: EXTERIOR SECTION SHOWN-INTERIOR SECTION SIMILAR EXCEPT OMIT S3 BARS.
** SEE "PLAN OF SPANS" FOR DIMENSION.

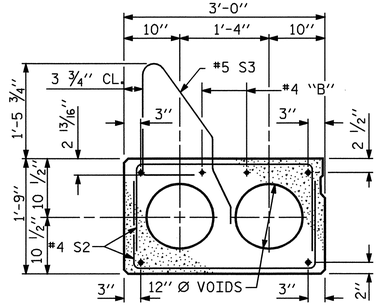


SHEAR KEY DETAIL

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

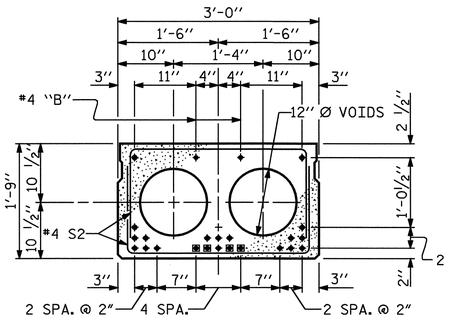


DETAIL A



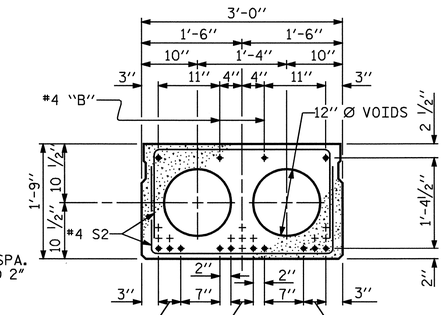
EXTERIOR SLAB SECTION

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

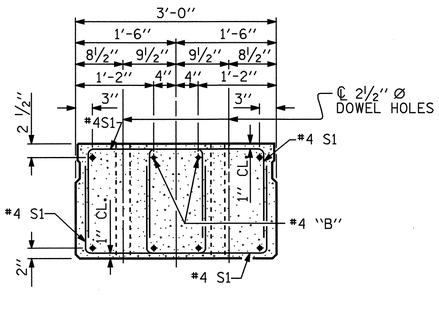


SPAN A & B
22 STRAND LAYOUT

■ BOND SHALL BE BROKEN ON THESE STRANDS FOR A DISTANCE OF 4'-0" FROM THE END OF CORED SLAB UNIT, SEE STANDARD SPEC. ARTICLE 1078-7.



SPAN C
12 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.

INTERIOR SLAB SECTION
½" Ø LOW RELAXATION STRAND LAYOUT

ASSEMBLED BY : T. A. HARRIS	DATE : 1/30/03
CHECKED BY : K. MCCAULEY	DATE : 3/5/03
DRAWN BY : WJH 4/89	REV. 8/16/99 RWW/LES
CHECKED BY : FCJ 5/89	REV. 10/17/00 RWW/LES
	REV. 7/10/01 RWW/LES

PROJECT NO. B-3884
ONSLOW COUNTY
STATION: 14+89.75 -L-

SHEET 1 OF 5

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

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

OCTOBER 1981

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-5
1			3			TOTAL SHEETS
2			4			23

NORTH CAROLINA PROFESSIONAL SEAL 14855 ENGINEER DOUGLAS R. CALDWELL
6-9-04

STD. NO. PCS2