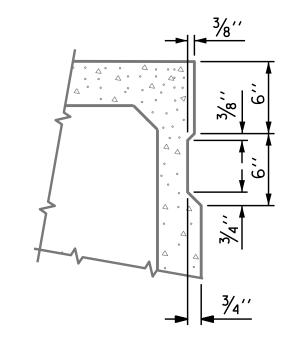
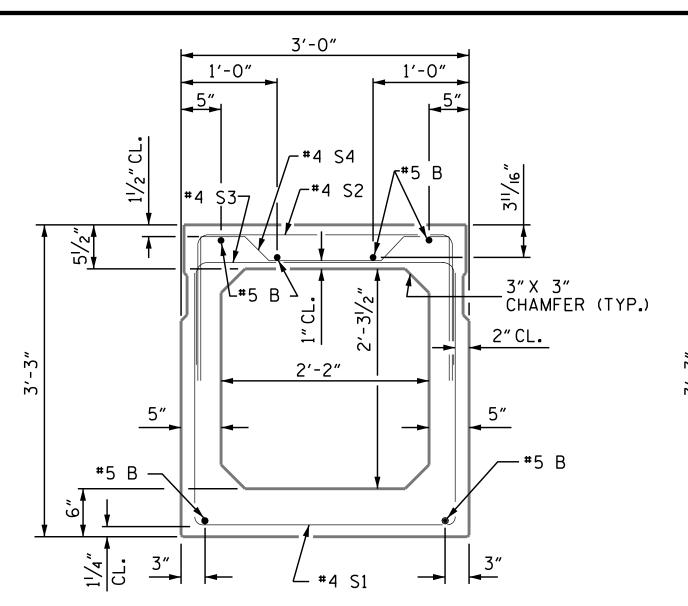


## END ELEVATION

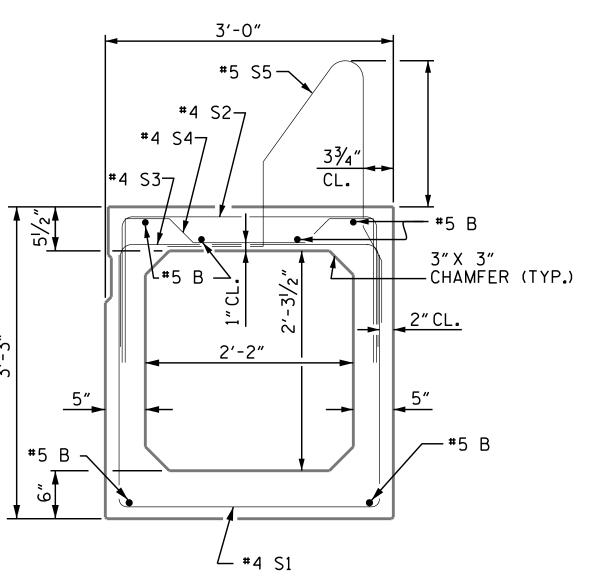
SHOWING PLACEMENT OF #5 & #4 "A" BARS
AND LOCATION OF DOWEL HOLES.
(INTERIOR BOX BEAM SECTION SHOWN-EXTERIOR
SECTION SIMILAR EXCEPT SHEAR KEY LOCATION.
STRAND LAYOUT NOT SHOWN.)



SHEAR KEY DETAIL NOTE: OMIT SHEAR KEY ON OUTSIDE FACE OF EXTERIOR BOX BEAMS.

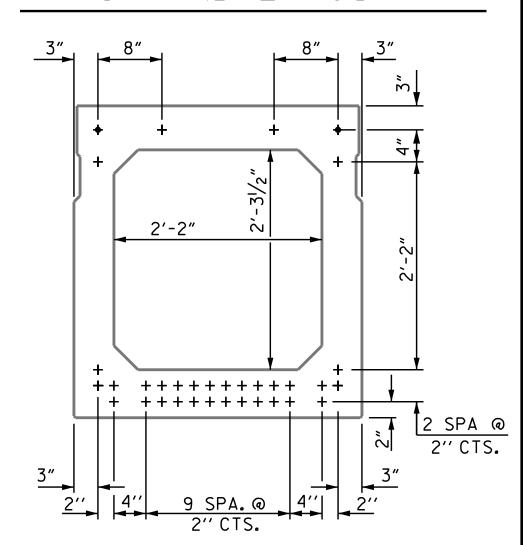


INTERIOR BOX BEAM SECTION (STRAND LAYOUT NOT SHOWN)



EXTERIOR BOX BEAM SECTION (STRAND LAYOUT NOT SHOWN)

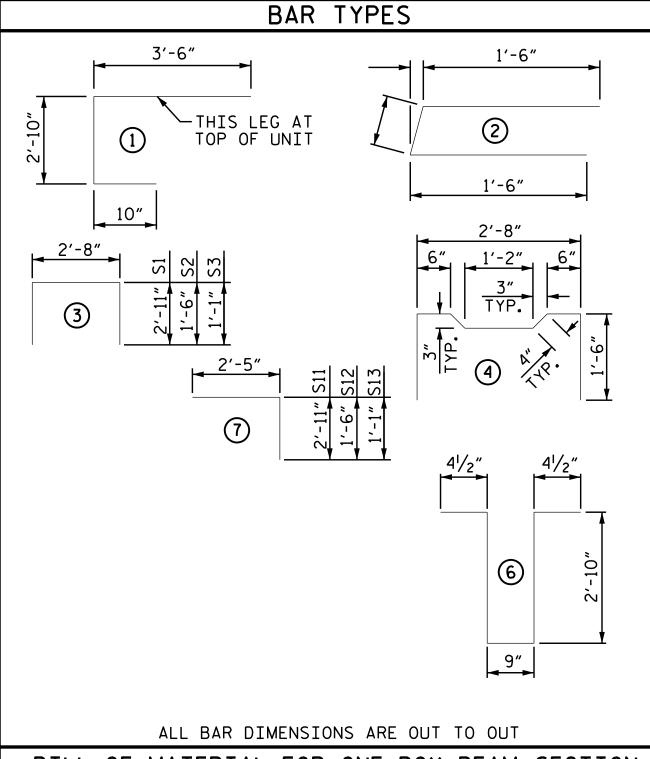
## O.6" Ø LOW RELAXATION STRAND LAYOUT



TYPICAL STRAND LOCATION (\_\_ STRANDS REQUIRED)

(INTERIOR BOX BEAM SECTION SHOWN-EXTERIOR SECTION SIMILAR EXCEPT SHEAR KEY LOCATION) DEBONDING LEGEND

FULLY BONDED STRANDS



## BILL OF MATERIAL FOR ONE BOX BEAM SECTION EXTERIOR UNIT | INTERIOR UNIT BAR NUMBER SIZE TYPE LENGTH WEIGHT LENGTH WEIGHT 10 #5 7′-2″ 75 7'-2" Α2 **#**4 | 2 #5 | STR #4 | 6 7′-2″ 7′-2″ K1 #4 STR K2 8'-6" 8′-6″ **#**4 | 3 5′-8″ #4 5′-8" 4'-10" #4 4'-10" S4 #4 4 5′-10″ 5′-10″ 5′-4″ 5′-4″ #4 3′-11″ 3'-11" #4 S13 #4 7 3′-6″ 3'-6" \* S5 #5 5 --REINFORCING STEEL LBS. LBS. \* EPOXY COATED REINF. STEEL LBS. \_\_\_ P.S.I. CONCRETE CU. YDS. CU. YDS. 0.6" Ø L.R. STRANDS No. No.

CHAMFER DETAIL SHOWING 6" VOID CHAMFER

END VIEW (SHOWING #4 "S" BARS IN END OF BEAM)

DETAIL "B"

EXTERIOR UNIT SHOWN, INTERIOR UNIT SIMILAR EXCEPT OMIT #5 S5 BARS. "B" BARS AND "A" BARS NOT SHOWN.

PERMITTED THREADED INSERT CAST IN OUTSIDE FACE OF EXTERIOR UNIT AND RECESSED %". SIZE TO BE DETERMINED BY CONTRACTOR.—

THREADED INSERT DETAIL

ASSEMBLED BY : CHECKED BY :		DATE : DATE :	
DRAWN BY: TLA CHECKED BY: GM	5/05 6/05	REV. 10/1/11 REV. 1/15 REV. 12/17	MAA/GM RWW/TMG MAA/THC

PROJECT NO. \_\_\_\_\_ COUNTY STATION:\_\_\_\_ SHEET \_ OF STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH STANDARD 3'-0" X 3'-3"
PRESTRESSED CONCRETE
BOX BEAM UNIT
SPAN \\\_''

**REVISIONS** NO. BY: DATE: DATE: BY:

SHEET NO. DOCUMENT NOT CONSIDERED FINAL UNLESS ALL TOTAL SHEETS SIGNATURES COMPLETED