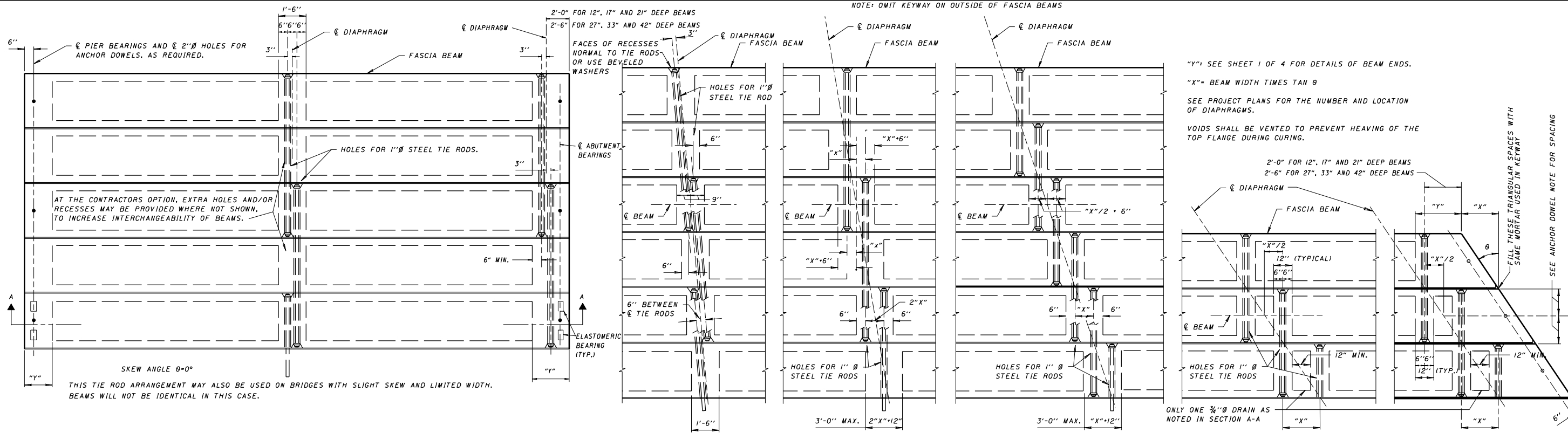


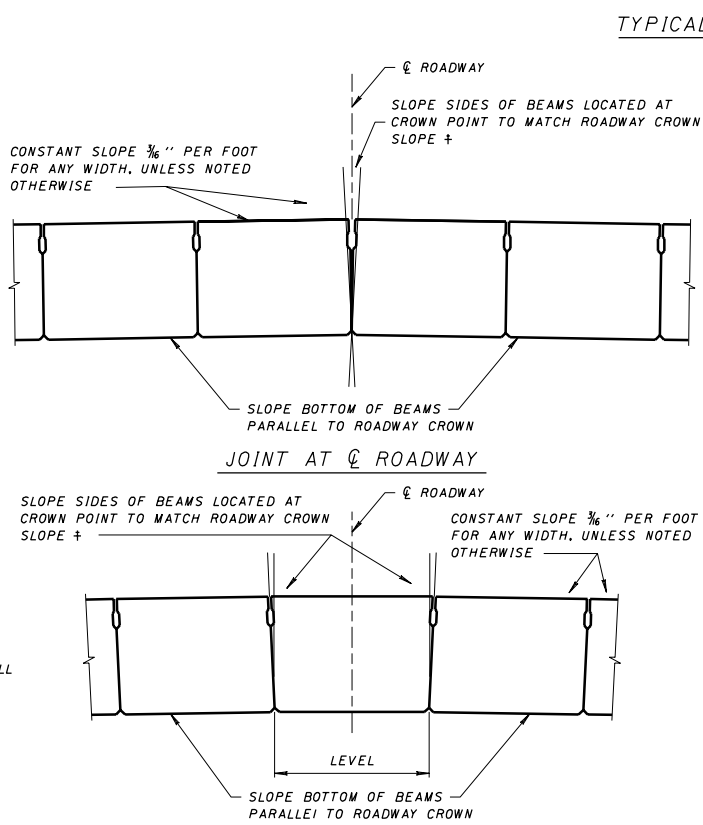
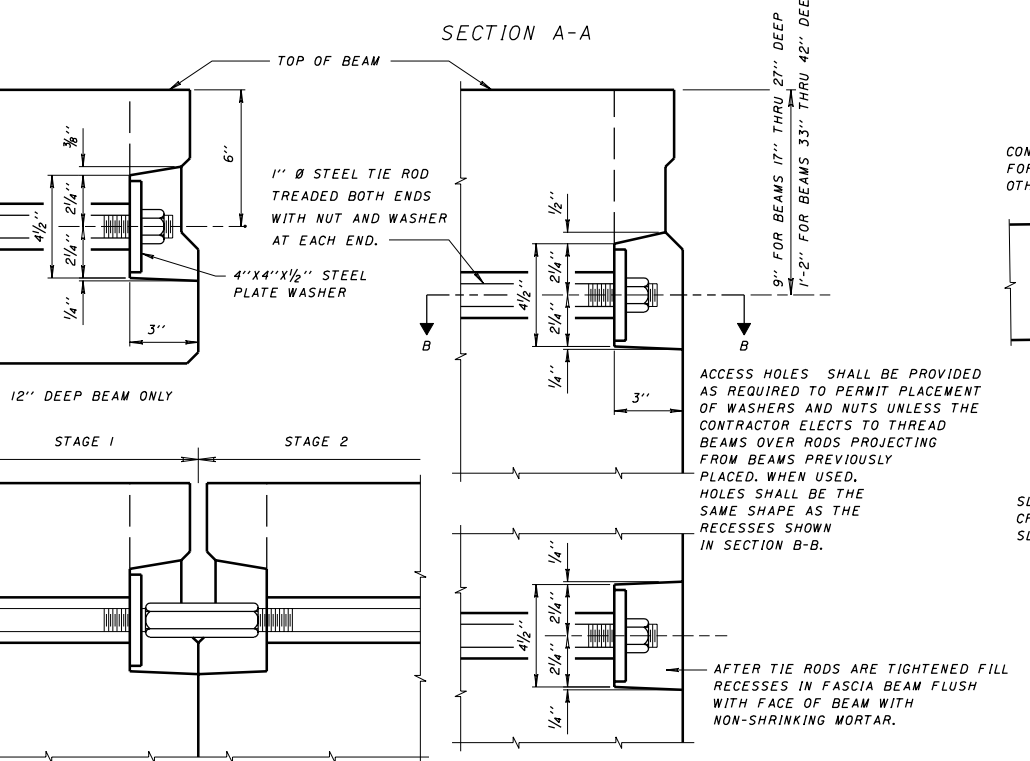
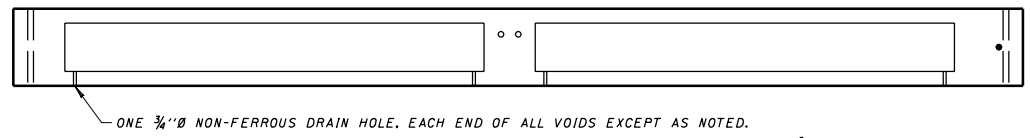
NOTE: OMIT KEYWAY ON OUTSIDE OF FASCIA BEAMS



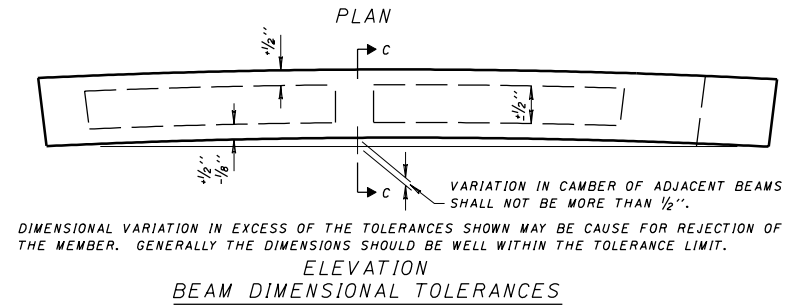
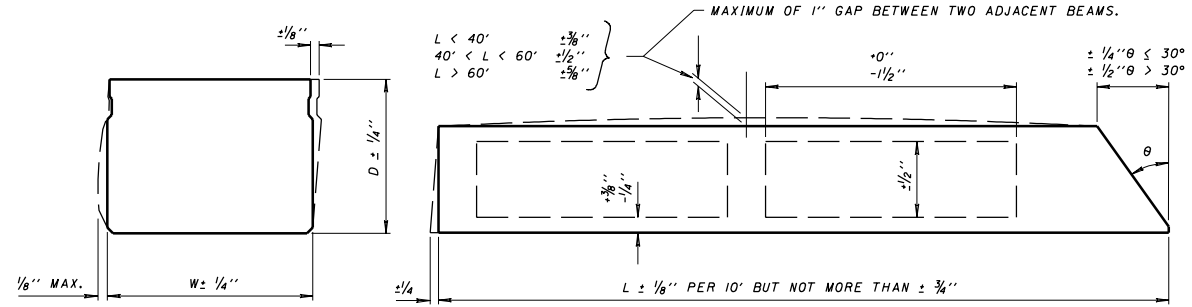
"Y" - SEE SHEET 1 OF 4 FOR DETAILS OF BEAM ENDS.
"X" - BEAM WIDTH TIMES TAN θ
SEE PROJECT PLANS FOR THE NUMBER AND LOCATION OF DIAPHRAGMS.
VOIDS SHALL BE VENTED TO PREVENT HEAVING OF THE TOP FLANGE DURING CURING.

- θ -0° TO 5° FOR 3' WIDE BEAMS *
- θ OVER 5° TO 18° FOR 3' WIDE BEAMS *
- θ OVER 18° TO 30° FOR 3' WIDE BEAMS *
- θ -0° TO 4° FOR 4' WIDE BEAMS *
- θ OVER 4° TO 14° FOR 4' WIDE BEAMS *
- θ OVER 14° TO 26° FOR 4' WIDE BEAMS *
- θ OVER 26° TO 30° FOR 4' WIDE BEAMS *

* AS AN OPTION THE FABRICATOR MAY MAKE PROVISION FOR GREATER INTERCHANGEABILITY OF INTERIOR BEAMS BY FURNISHING DOUBLE TIE ROD HOLES IN THE DIAPHRAGMS AND PERMITTING ONE TIE ROD TO TIE TWO BEAMS TOGETHER.



TYPICAL PLANS OF DIAPHRAGMS AND TRANSVERSE TIE RODS



ADDITIONAL TOLERANCES
POSITION OF HOLES FOR ANCHOR DOWELS AND TIE RODS $\pm 1/2$ "
POSITION OF RAILING ANCHORS $\pm 1/2$ "
POSITIONS OF LIFTING INSERTS ± 6 "
CENTER OF GRAVITY OF STRAND GROUP $\pm 1/4$ "
CENTER OF GRAVITY OF DRAPED STRAND GROUP AT END OF BEAM $\pm 1/2$ "
SPACING OF STIRRUP BARS ± 1 "
LONGITUDINAL SCUPPER LOCATION ± 6 "

HOLES IN BEAMS FOR TRANSVERSE TIE RODS SHALL BE NOT LESS THAN 2" ϕ AND NOT MORE THAN 3" ϕ .
DIMENSIONS OF RECESSES IN FASCIA BEAMS AND SHEAR KEYS AND VERTICAL LOCATION OF TRANSVERSE TIE RODS MAY VARY FROM THE DIMENSIONS SHOWN HEREON, SUBJECT TO APPROVAL BY THE DIRECTOR.

DIMENSIONAL VARIATION IN EXCESS OF THE TOLERANCES SHOWN MAY BE CAUSE FOR REJECTION OF THE MEMBER. GENERALLY THE DIMENSIONS SHOULD BE WELL WITHIN THE TOLERANCE LIMIT.

SLEEVE NUT 3" OR 5" LONG, WITH RIGHT HAND THREADS. (MADE FROM HEX. OR SQUARE STOCK, 1/2" MIN. ACROSS FLATS)

SECTION B-B (ALL BEAMS)
FOR STAGE CONSTRUCTION

END DETAILS OF TRANSVERSE TIE ROD ANCHORAGE

JOINT OFFSET FROM ϕ ROADWAY
* REQUIRED ONLY FOR ROADWAY CROWN SLOPES OF 1/4" PER FOOT OR GREATER.
NORMAL CROWN TREATMENT AT ϕ ROADWAY