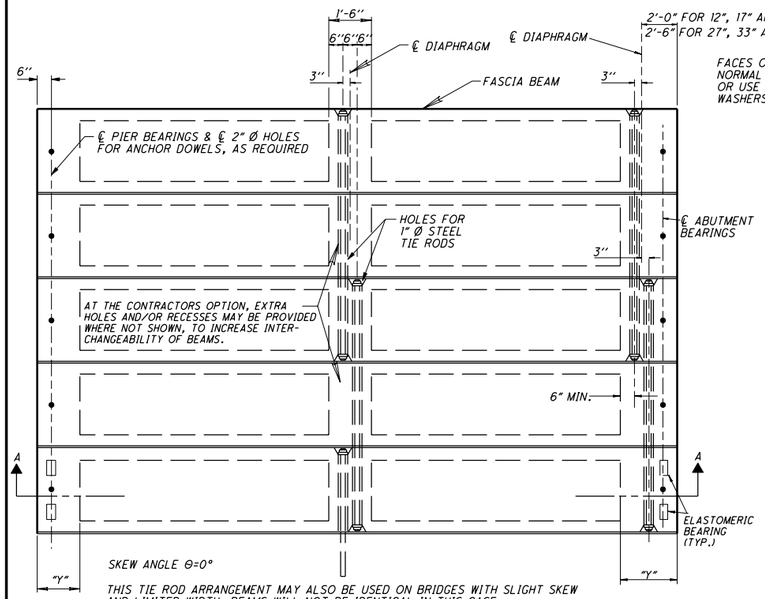
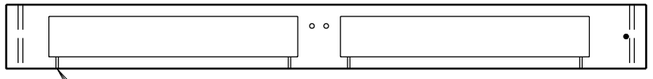
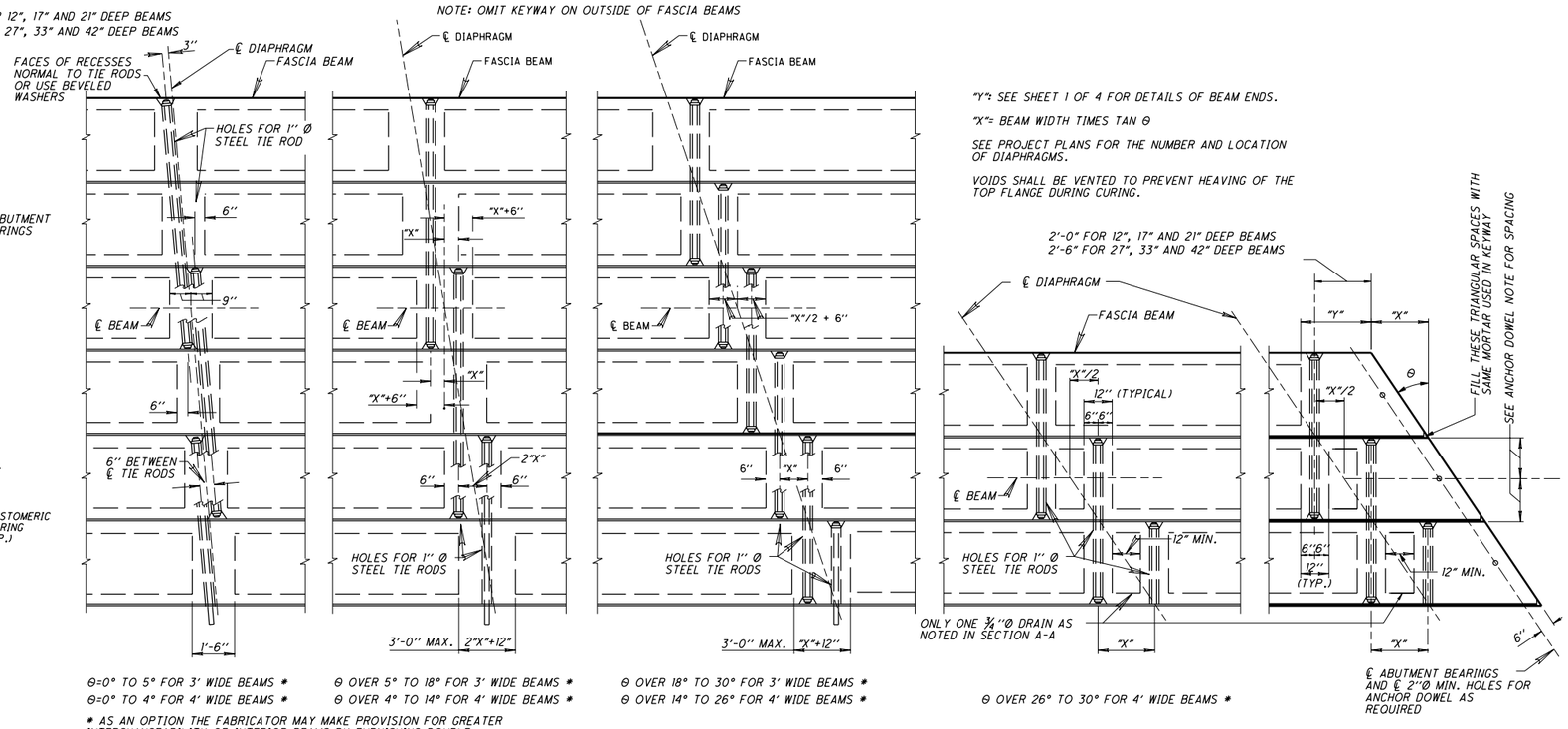




SECTION A-A

NOTE: OMIT KEYWAY ON OUTSIDE OF FASCIA BEAMS



Θ=0° TO 5° FOR 3' WIDE BEAMS *
Θ=0° TO 4° FOR 4' WIDE BEAMS *

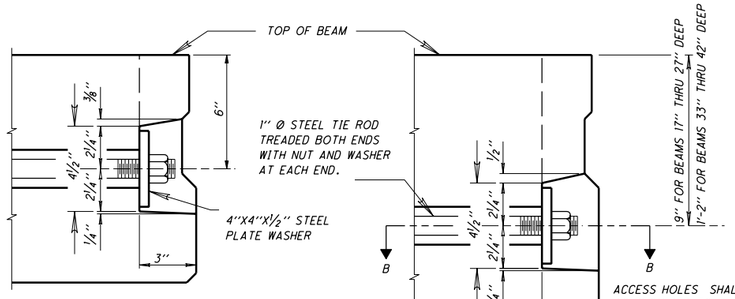
Θ OVER 5° TO 18° FOR 3' WIDE BEAMS *
Θ OVER 4° TO 14° FOR 4' WIDE BEAMS *

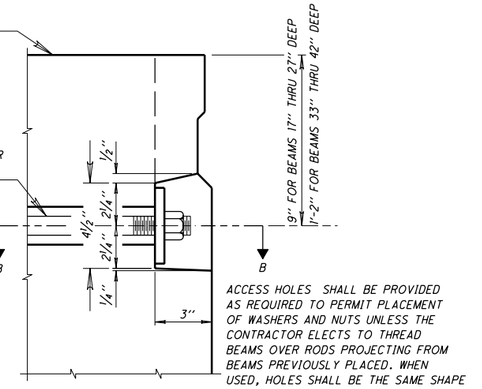
Θ OVER 18° TO 30° FOR 3' WIDE BEAMS *
Θ OVER 14° TO 26° FOR 4' WIDE BEAMS *

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



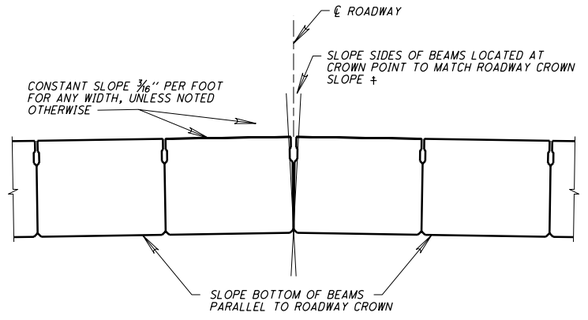


SECTION B-B
(ALL BEAMS)

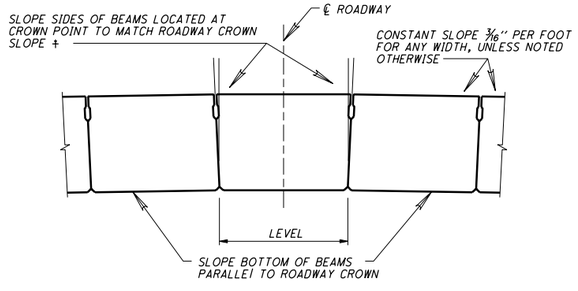
HOLES IN BEAMS FOR TRANSVERSE TIE RODS SHALL BE NOT LESS THAN 2"Ø AND NOT MORE THAN 3"Ø.

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.

END DETAILS OF TRANSVERSE TIE ROD ANCHORAGE



JOINT AT ℄ ROADWAY



JOINT OFFSET FROM ℄ ROADWAY

+ REQUIRED ONLY FOR ROADWAY CROWN SLOPES OF ¼" PER FOOT OR GREATER.

NORMAL CROWN TREATMENT AT ℄ ROADWAY

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
10-19-07
DATE
ADMINISTRATOR

REVISIONS

DESIGNED	CHECKED
MRG/SAM	WLF/SEM
DRAWN	REVIEWED
REF	LMW

OFFICE OF STRUCTURAL ENGINEERING

STANDARD BRIDGE DRAWING
PRESTRESSED CONCRETE BOX BEAM BRIDGE DETAILS

SCD NUMBER
PSBD-2-07