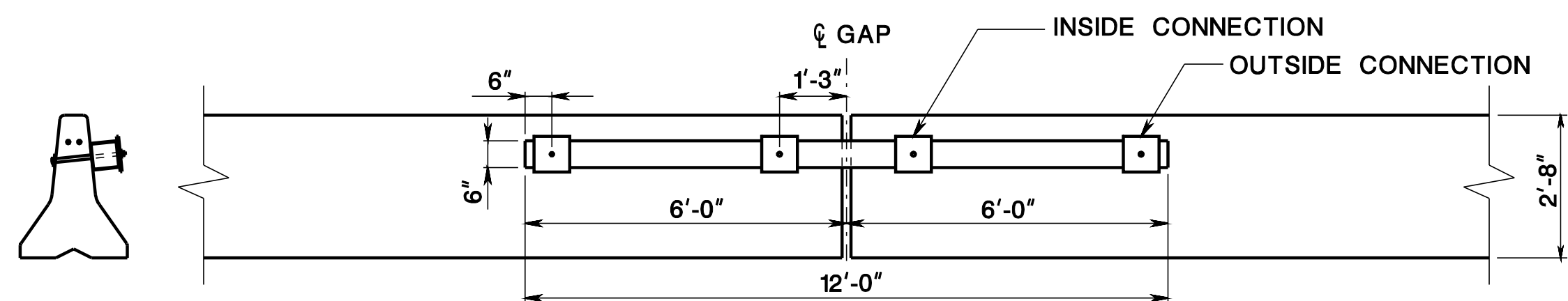
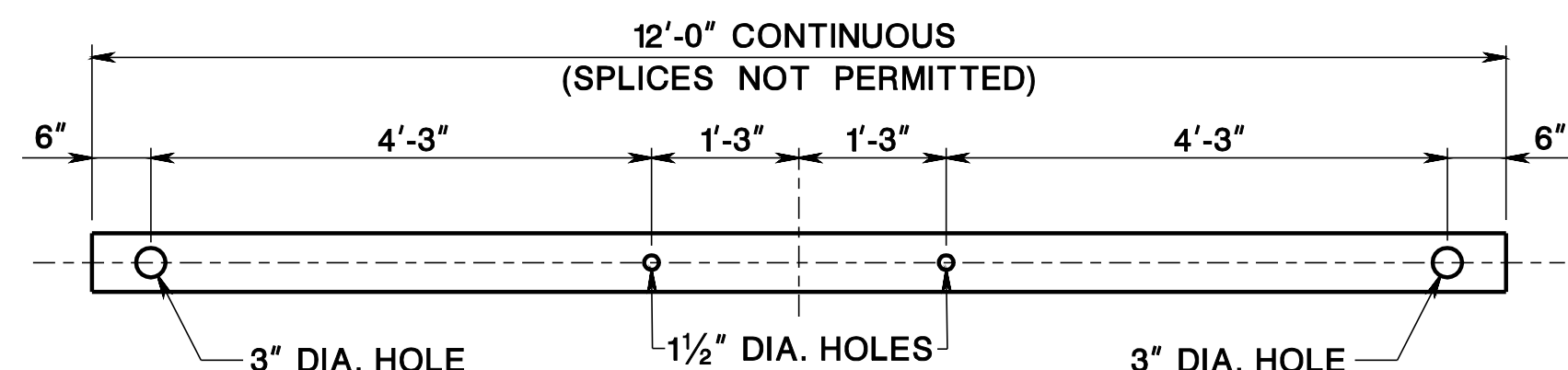


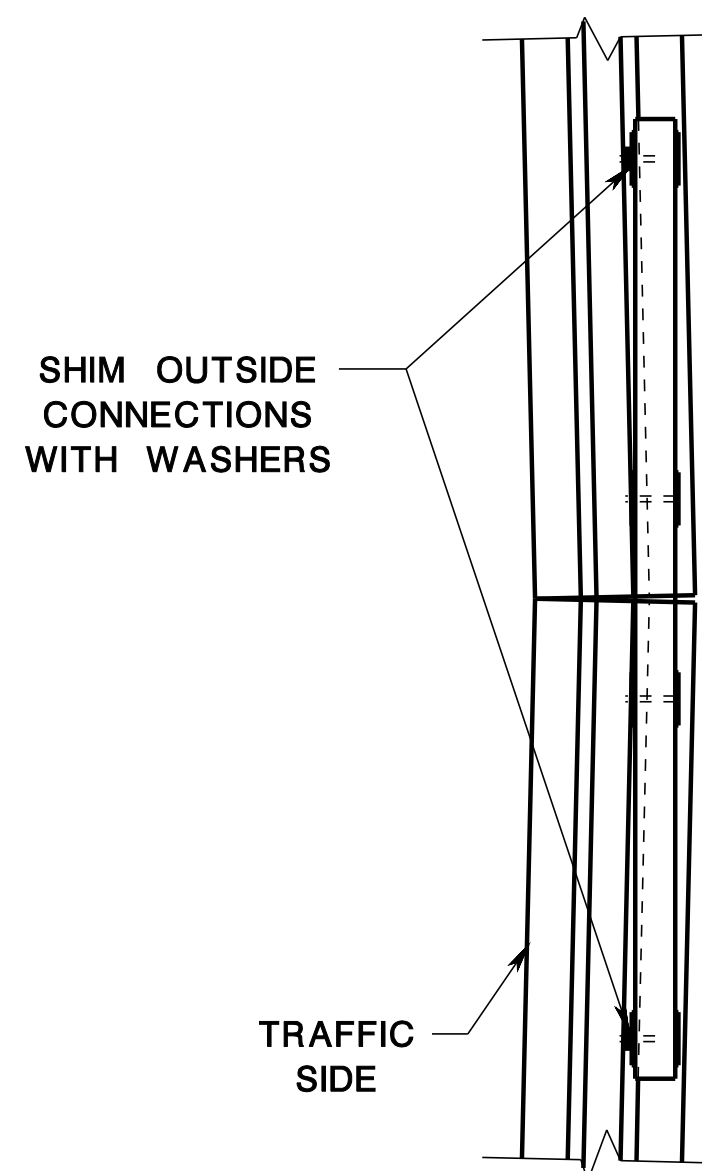
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BDCHD-04-ORIGINAL SHEET



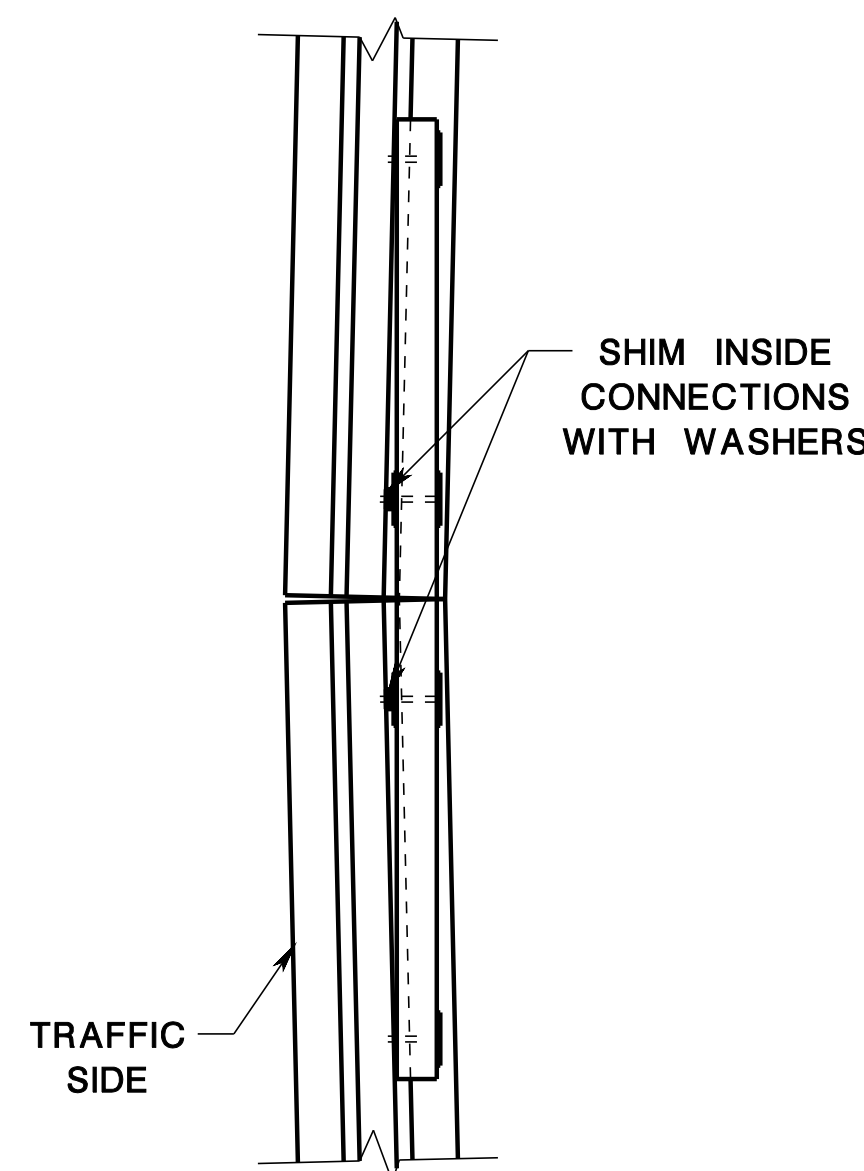
SIDE VIEW
(CONSTRUCTION SIDE)



BOX BEAM
HOLE LAYOUT DETAIL



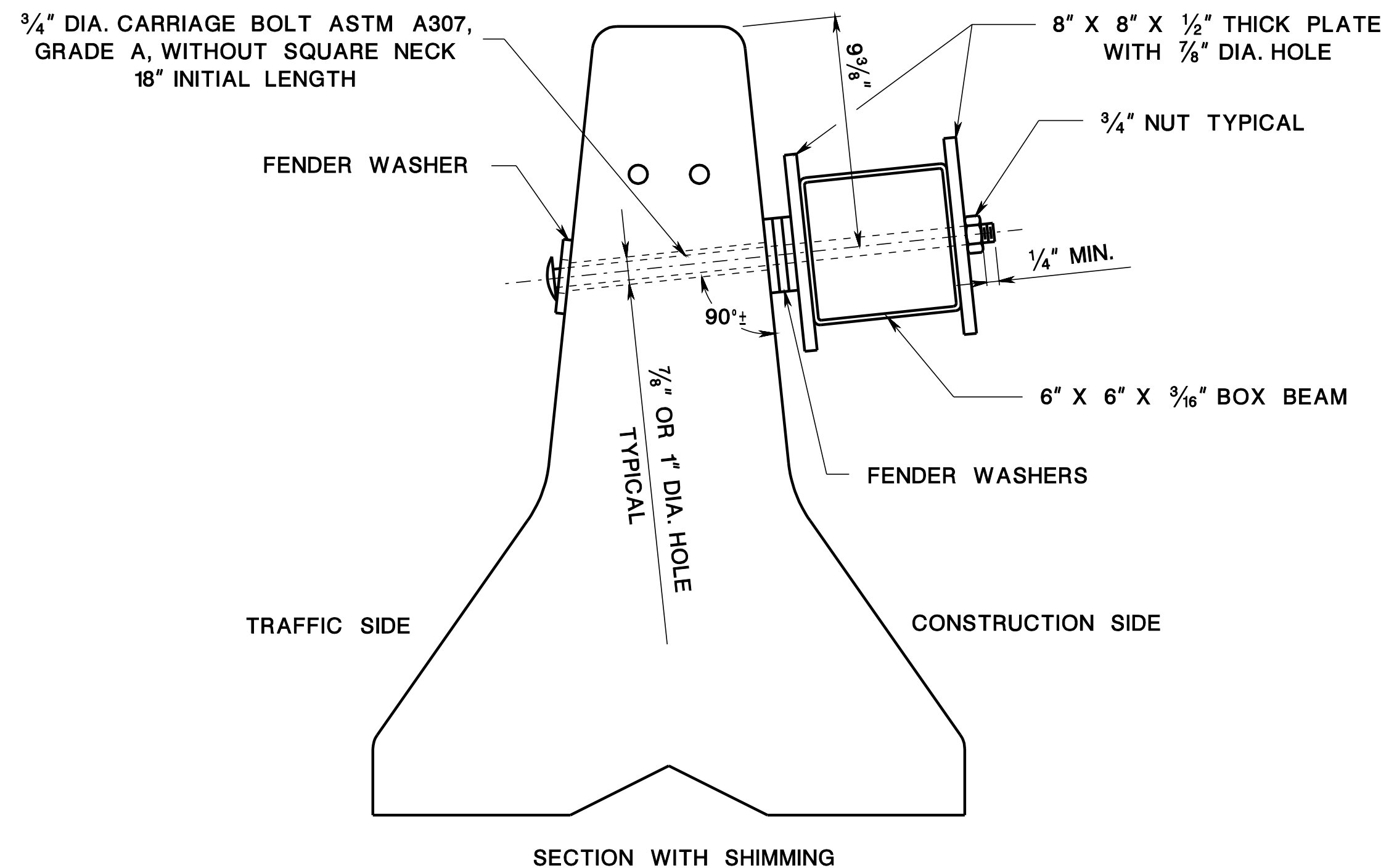
PLAN VIEW
CONSTRUCTION BARRIER CURB
CURVING TOWARD TRAFFIC



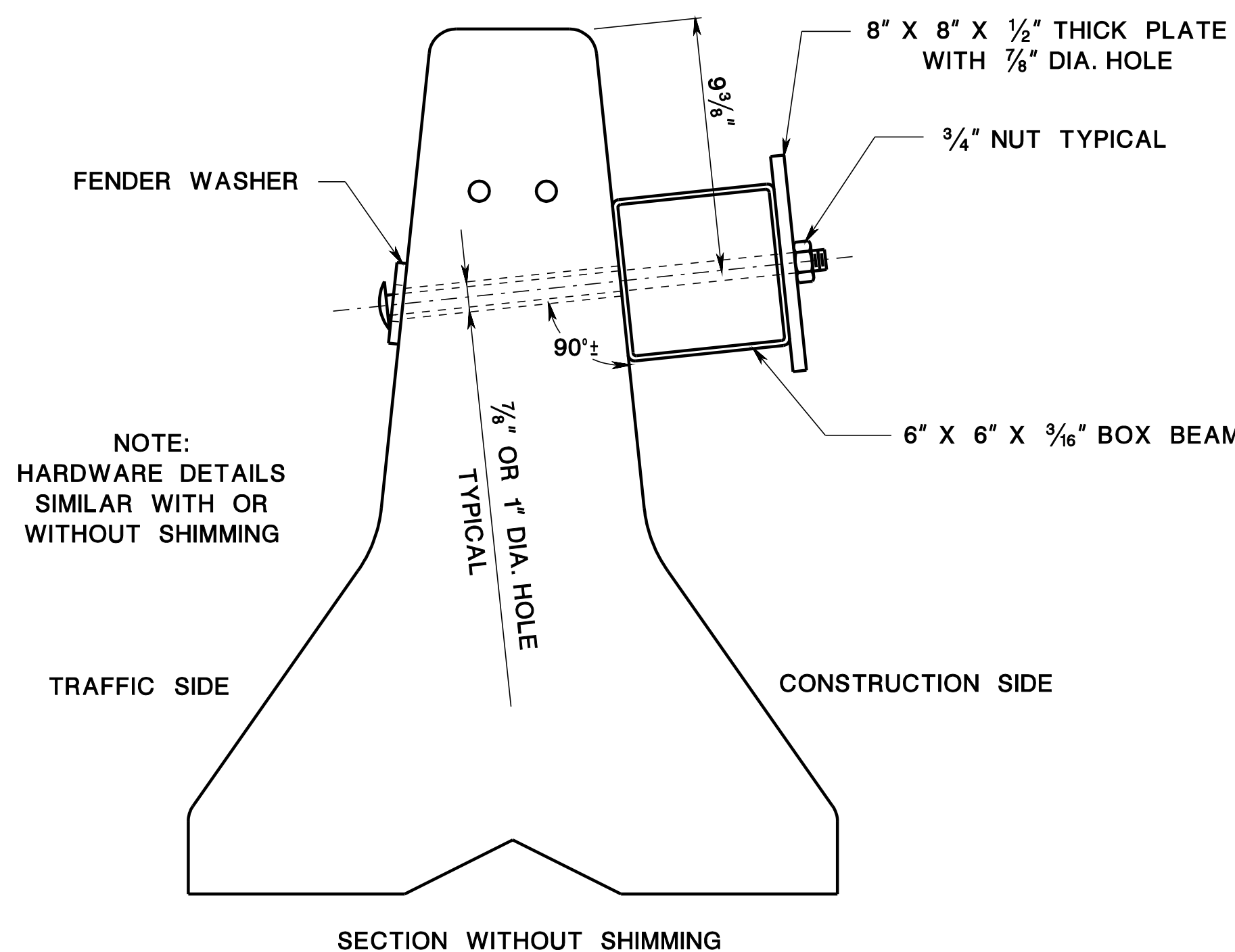
PLAN VIEW
CONSTRUCTION BARRIER
CURVING AWAY FROM TRAFFIC

NOTES:

- BOX BEAM IS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.
- CONSTRUCTION BARRIER CURB WITH BOX BEAM STIFFENER MAY ONLY BE USED WITH SEGMENTS 14'-0" OR LONGER.
- CONSTRUCTION BARRIER CURB MAY ONLY BE INSTALLED TO THE FOLLOWING MINIMUM RADII: 14'-0" SEGMENT - 161'-0" RADIUS; 16'-0" SEGMENT - 184'-0" RADIUS; 18'-0" SEGMENT - 207'-0" RADIUS; 20'-0" SEGMENT - 230'-0" RADIUS.
- WHERE CONSTRUCTION BARRIER CURB ARE PLACED ON A RADIUS, THE RESULTING GAPS BETWEEN THE BOX BEAM AND CONCRETE BARRIER TO BE SHIMMED.
- THE SHIMMING CONSISTS OF 8" X 8" X 1/2" SQUARE PLATE, AND FENDER WASHERS AS NEEDED TO SNUG THE BOX BEAM STIFFENER TO THE CONSTRUCTION BARRIER CURB.
- FENDER WASHER TO BE 3" NOMINAL O.D.
- THE PRESENCE OF NORMAL HOLES DRILLED PER THIS SHEET WILL NOT AFFECT THE REUSABILITY OF THE CONCRETE SEGMENTS.
- DRILL HOLES IN CONSTRUCTION BARRIER CURB FOR PURPOSE OF BOX BEAM ATTACHMENT USING A CORE DRILL OR ANY OTHER APPROVED ROTARY DRILLING DEVICE THAT DOES NOT IMPART AN IMPACT FORCE.
- DO NOT USE BOX BEAM STIFFENING AS MEDIAN BARRIER (TRAFFIC ON BOTH SIDES OF BARRIER).



BOX BEAM STIFFENING OF CONSTRUCTION BARRIER CURB



NOTE:
HARDWARE DETAILS
SIMILAR WITH OR
WITHOUT SHIMMING

CONSTRUCTION BARRIER CURB
WITH BOX BEAM STIFFENER

N.T.S.

CD-159-3

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

CD-159-3.1