

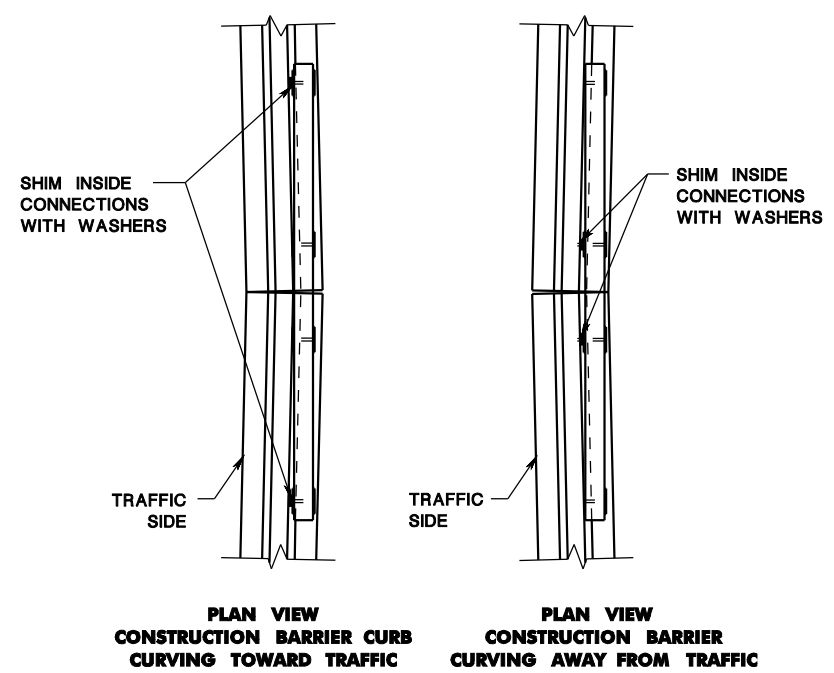
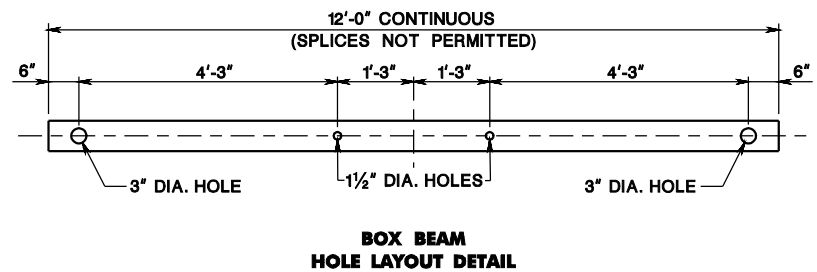
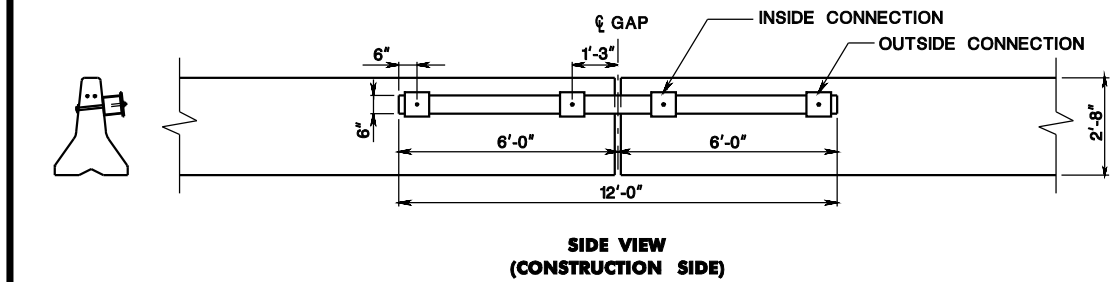
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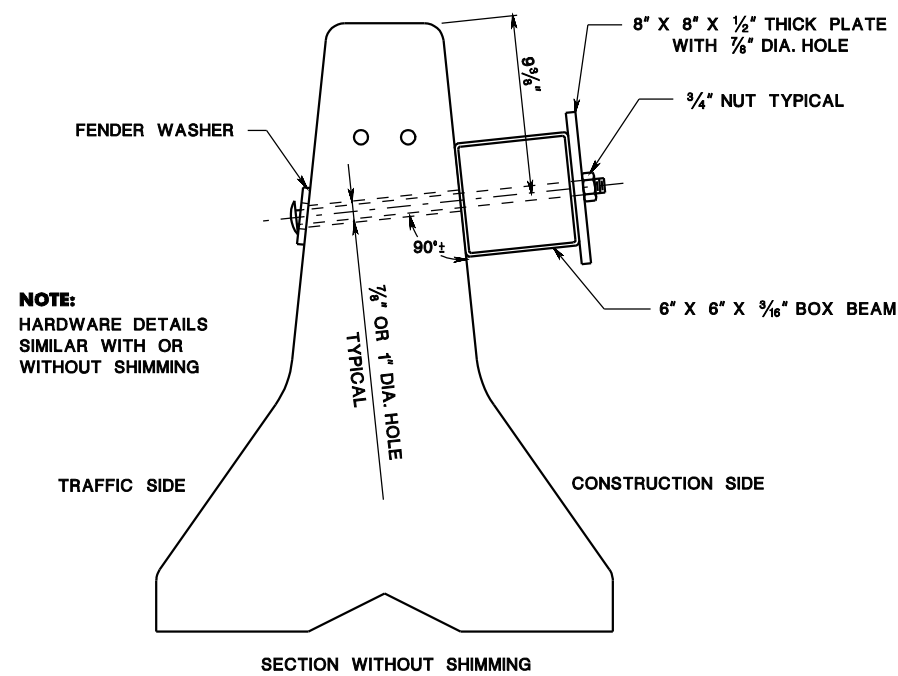
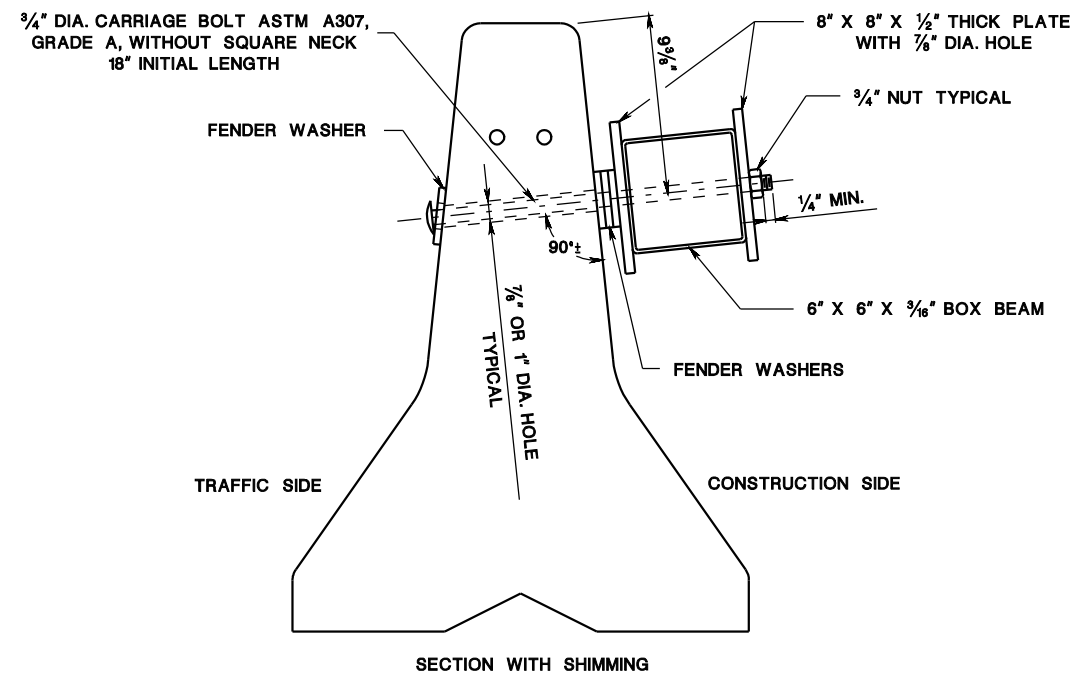
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BDC:RD-01-ORIGINAL SHEET



NOTES:

1. BOX BEAM IS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.
2. CONSTRUCTION BARRIER CURB WITH BOX BEAM STIFFENER MAY ONLY BE USED WITH SEGMENTS 14'-0" OR LONGER.
3. 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.
4. WHERE CONSTRUCTION BARRIER CURB ARE PLACED ON A RADIUS, THE RESULTING GAPS BETWEEN THE BOX BEAM AND CONCRETE BARRIER TO BE SHIMMED.
5. 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.
6. FENDER WASHER TO BE 3" NOMINAL O.D.
7. THE PRESENCE OF NORMAL HOLES DRILLED PER THIS SHEET WILL NOT AFFECT THE REUSABILITY OF THE CONCRETE SEGMENTS.
8. 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.
9. DO NOT USE BOX BEAM STIFFENING AS MEDIAN BARRIER (TRAFFIC ON BOTH SIDES OF BARRIER).



NOTE:
HARDWARE DETAILS
SIMILAR WITH OR
WITHOUT SHIMMING

BOX BEAM STIFFENING OF CONSTRUCTION BARRIER CURB

**CONSTRUCTION BARRIER CURB
WITH BOX BEAM STIFFENER**
N.T.S.

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

CD-159-3.1

CD-159-3