1. TANGENT W-BEAM RAIL LENGTHS SHALL BE 13'-6½" OR 16'-6½", UNLESS OTHERWISE SPECIFIED.
2. W-BEAM THICKNESS SHALL BE ⅜" FOR STANDARD W-BEAM GUARDRAIL (RWMO1) AND ¾" FOR HEAVY DUTY GUARDRAIL (RWMO2).

W-BEAM GUARDRAIL (RWMO2A, RWMO2B)

NOTES

1. BLOCKS SHALL BE MADE OF TIMBER WITH A STRESS GRADE OF 1200 F15 OR MORE. TESTING SHALL BE IN ACCORDANCE WITH WEST COAST LUMBER INSPECTION BUREAU, SOUTHERN PINE INSPECTION BUREAU OR OTHER APPROPRIATE ASSOCIATION, TIMBER FOR BLOCKS SHALL BE ROUGH SAWN UNPLANED WITH DIMENSIONS INDICATED. T-4 SIZE: TOLERANCE OF ROUGH SAWN BLOCKS IN THE DIRECTION OF THE BOLT HOLES SHALL BE NO MORE THAN ± ¼".
2. SUPPLY WOOD BLOCKS PER AASHTO M 168.
3. TREAT WITH PRESERVATIVE PER AASHTO M 133.
4. BLOCKOUTS MAY ALSO BE MADE OF APPROVED ALTERNATIVE MATERIAL.

GENERAL NOTES

1. DESIGNATIONS ARE AS IDENTIFIED IN "A GUIDE TO STANDARDIZED HIGHWAY BARRIER HARDWARE," AS PUBLISHED BY THE "AMERICAN ASSOCIATION OF STATE AND HIGHWAY TRANSPORTATION OFFICIALS" (AASHTO), ASSOCIATED FEDERAL CONTRACTORS OF AMERICAN (AARTA), AND THE "AMERICAN ROAD AND TRANSPORTATION BUILDERS ASSOCIATION" (ARTBA).
2. MATERIALS SHALL BE IN ACCORDANCE WITH SEC ON 72% OF THE CURRENT STANDARD SPECIFICATIONS FOR CONSTRUCTION, AND ITS LATEST REVISIONS, AS APPLICABLE.
3. ALL DIMENSIONS IN INCHES, UNLESS OTHERWISE NOTED.

WIDE FLANGED GUARDRAIL POST

B INCH WOOD BLOCKOUT

POST LENGTH SHALL BE INCREASED TO 96" INCHES WHEN W-BEAM GUARDRAIL, B FEET PC STS IS SPECIFIED.

REV. DATE DESCRIPTION
-- 04/17/2019 ORIGINAL APPROVAL

OTHER DETAILS REQUIRED: NONE

W-BEAM GUARDRAIL COMPONENTS

HIGHWAY SAFETY & DESIGN DETAIL

HSD-621.07B