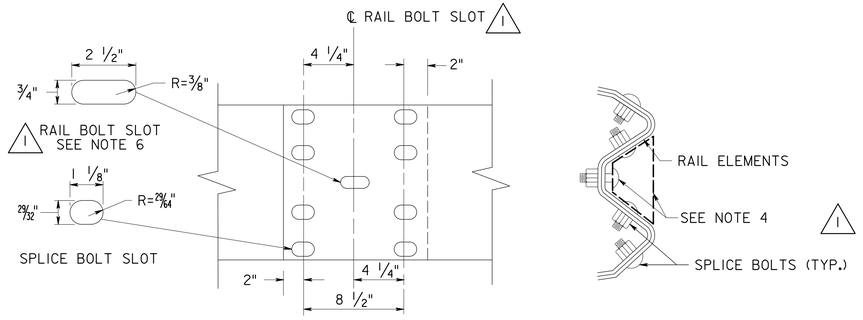
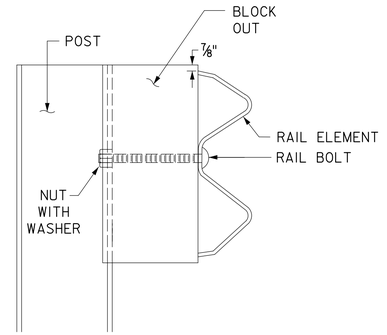


RAIL ELEMENT TO BE SUPPLIED IN LENGTHS OF 13'-6 ½" OR 26'-0 ½"

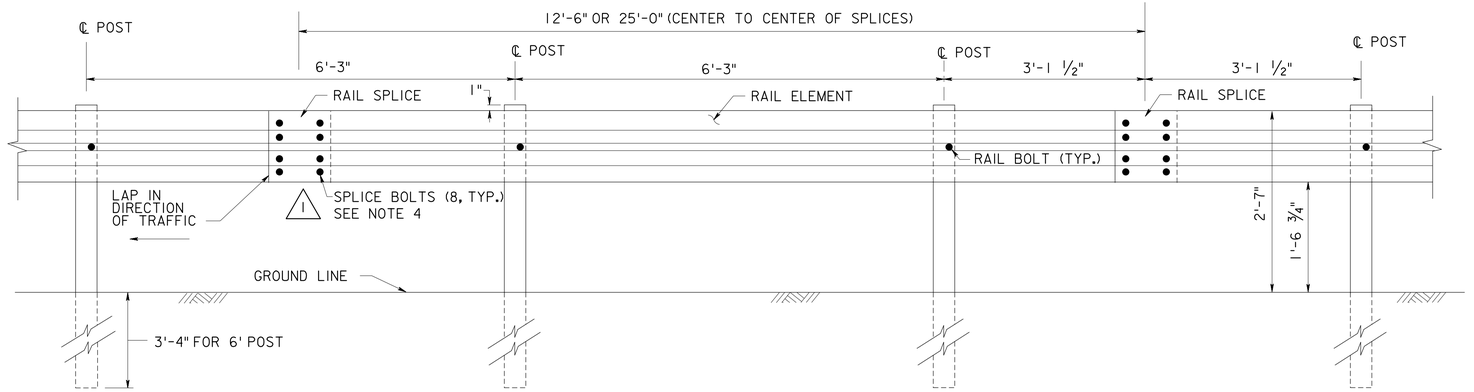
W-BEAM RAIL ELEMENT



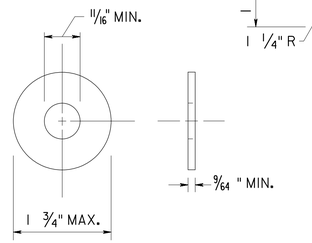
RAIL SPLICE



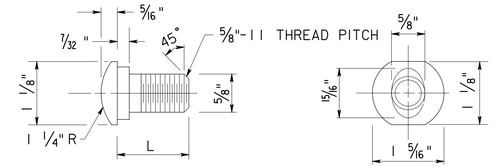
BEAM GUIDE RAIL POST ASSEMBLY



BEAM GUIDE RAIL

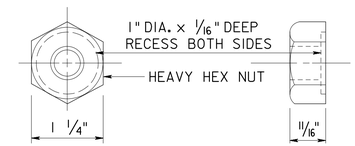


STEEL WASHER



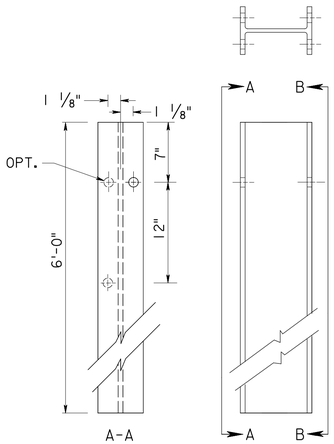
TYPE	L	MIN. THREAD LENGTH
SPLICE	1 1/4"	FULL LENGTH THREAD
RAIL	9½"	1 ¾"

⅝" DIA. BUTTON HEAD BOLT



⅝" DIA. RECESS NUT

SPLICE & RAIL NUT & BOLT

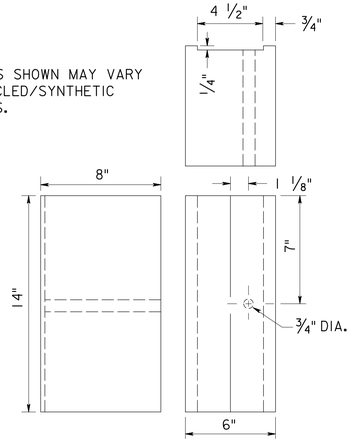


W6x8.5 OR W6x9 STEEL POST

NOTE: ALL HOLES 13/16" DIA.

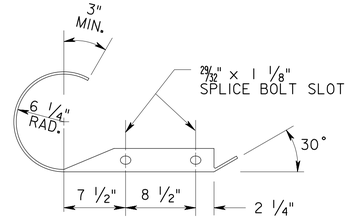
6' POST

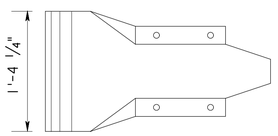
NOTE: DIMENSIONS SHOWN MAY VARY FOR RECYCLED/SYNTHETIC BLOCKOUTS.



APPROVED RECYCLED/ SYNTHETIC MATERIALS

6"x8"x14" BLOCKOUT





END SECTION (ROUNDED)

NOTES:

1. ALL DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
2. RAIL ELEMENTS SHALL BE FURNISHED SHOPCURVED, CONCAVE OR CONVEX, FOR RADII BETWEEN 20 AND 150 FEET.
3. THE STEEL FOR RAIL ELEMENTS, POSTS AND MISCELLANEOUS HARDWARE SHALL CONFORM TO THE STANDARD SPECIFICATIONS AND ITS AMENDMENTS.
4. (1) GUIDE RAIL DELINEATORS ARE TO BE MOUNTED TO THE CENTER OF THE RAIL ELEMENT FACE AND ORIENTED TOWARD THE APPROACHING TRAFFIC. REFER TO STANDARD SPECIFICATIONS. SEE GR-9 FOR GUIDE RAIL DELINEATOR DETAILS. DELINEATOR TO BE MOUNTED AT RAIL SPLICE ONLY. MOUNTING AT RAIL POST ASSEMBLY SHALL BE PROHIBITED. AN ADDITIONAL SPLICE BOLT FOR MOUNTING OF THE DELINEATOR USING THE RAIL BOLT SLOT IS ONLY REQUIRED WHERE DELINEATORS ARE INSTALLED.
5. GARDEN STATE PARKWAY RAIL ELEMENTS AND POSTS TO BE PRE-STAINED PRIOR TO INSTALLATION TO CREATE A RUSTIC BROWN MATTE FINISH. REFER TO SPECIFICATIONS FOR STAIN TREATMENT.
6. (1) PROVIDE RAIL BOLT SLOTS AT 3' - 1½" O.C. ALONG RAIL ELEMENT.

REV.	DESCRIPTION	DATE
1	REVISED SPLICE BOLTS AND NOTES	07/26
0	ORIGINAL DRAWING	07/21

MASH TL-3

0 1/2 1 2 3 4

ORIGINAL SIZE IN INCHES

NEW JERSEY TURNPIKE AUTHORITY
NEW JERSEY TURNPIKE
GARDEN STATE PARKWAY

STANDARD DRAWINGS

BEAM GUIDE RAIL

OFFICE OF THE CHIEF ENGINEER
NEW JERSEY TURNPIKE AUTHORITY
WOODBRIDGE, NEW JERSEY

STANDARD DRAWING
GR-1

CONTRACT NO. SHEET NO. OF