RAIL BOLT
RAIL ELEMENTS
RAIL SPLICE

GROUND LINE
RAIL SPLICE
RAIL ELEMENT
RUB RAILS TO BE PROVIDED ONLY WHERE SHOWN ON THE PLANS

GENERAL NOTES:

ROCK FINES, SAND OR GRAVEL
ALTERNATE CONSTRUCTION METHOD:
PLACE POST IN 8" DIA. HOLE AND BACKFILL WITH CLASS "B" CONCRETE

NOTE:
SPLICE & RAIL NUT & BOLT

ALL DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
RAIL ELEMENTS SHALL BE FURNISHED SHOPCURVED, THE STEEL FOR RAIL ELEMENTS AND BOLTS SHALL CONFORM TO NJDOT STANDARD SPECIFICATIONS AND ITS AMENDMENTS.

6' POST

STEEL WASHER

BEAM GUIDE RAIL

NEW JERSEY DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DETAILS

CD-609-1.1
CD-609-1.2

CONSTRUCTION DETAILS

6'-3" POST BOLT SLOTS

6'-3" SPLICE BOLT SLOTS

RAIL BOLT SLOTS

RAIL BOLT SLOTS

RAIL BOLT SLOTS

BEAM GUIDE RAIL POST ASSEMBLY

BEAM GUIDE RAIL

OPT. HOLE FOR RUBRAIL

AT END OF SPIKE

ALL HOLES 1/4" DRL

ADDITIONAL METAL/CLOAD SYNTHETIC MATERIAL

14" BLOCK OUT

6" POST

MIN. THREAD LENGTH

SPLICE
RAIL

BEAM GUIDE RAIL POST ASSEMBLY

6'-3" BUTTON HEAD BOLT

6'-0" BUTTON HEAD BOLT

SPACING & RAIL NUT & BOLT

SPACING & RAIL NUT & BOLT

STEEL WASHER

GENERAL NOTES:
1. ALL DIMENSIONS ARE SUBJECT TO MANUFACTURING
   TOLERANCES.
2. ALL ELEMENTS SHALL BE SUPPLIED SHAPED/CURVED,
   CURVATURE OR CURVES FOR EACH BETWEEN 20' AND 100' RADIUS.
3. THE STEEL FOR RAIL ELEMENTS AND BOLTS SHALL
   CONFORM TO NJDOT STANDARD SPECIFICATIONS
   AND ITS AMENDMENTS.