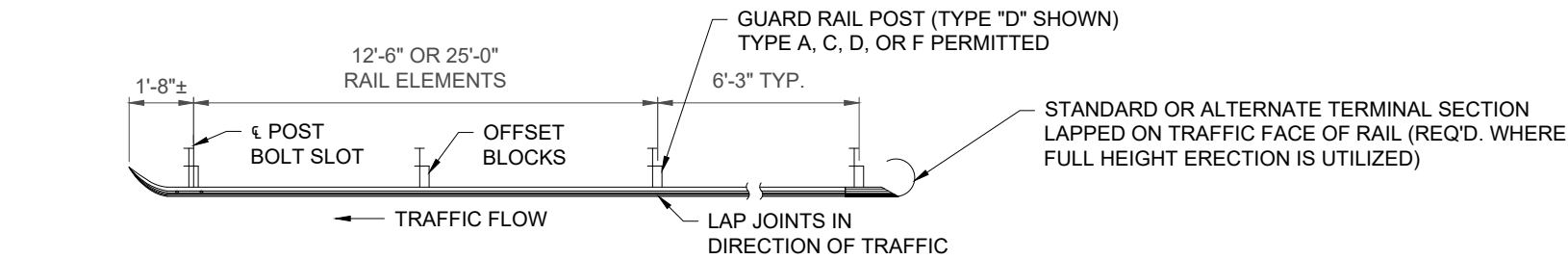
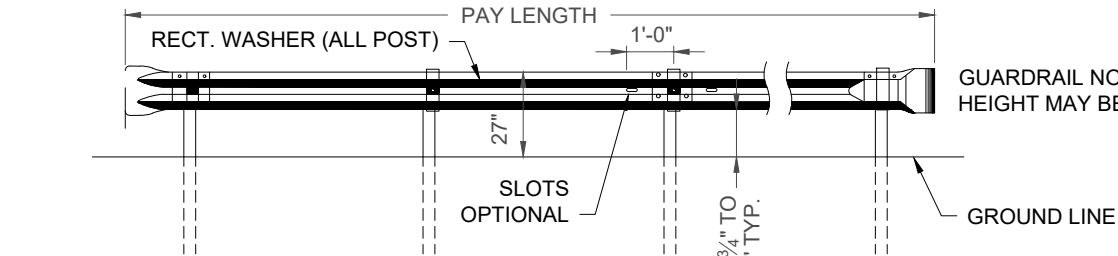


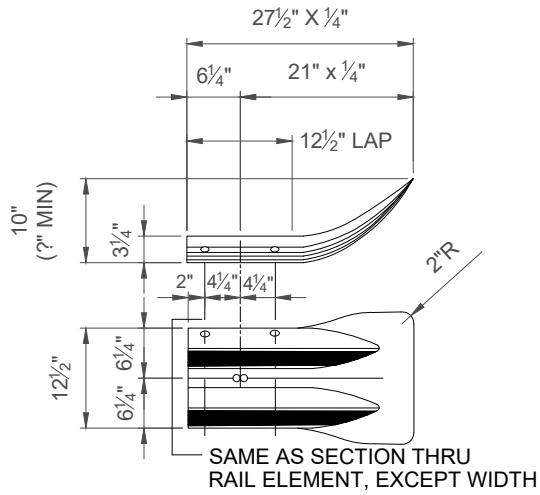
320 - Beam Type Guard Rail.dwg March 17, 2026 - 1:32pm



STANDARD OR ALTERNATE TERMINAL SECTION LAPPED ON TRAFFIC FACE OF RAIL (REQ'D. WHERE FULL HEIGHT ERECTION IS UTILIZED).

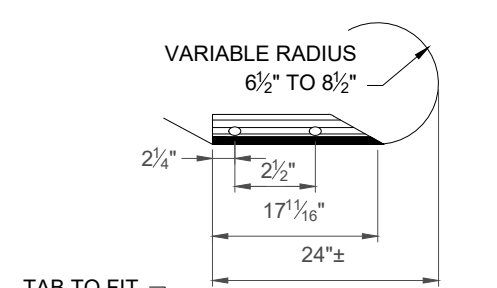


GUARDRAIL NOT ERECTED AT A 27" TOP OF RAIL HEIGHT MAY BE CAUSE FOR REJECTION.



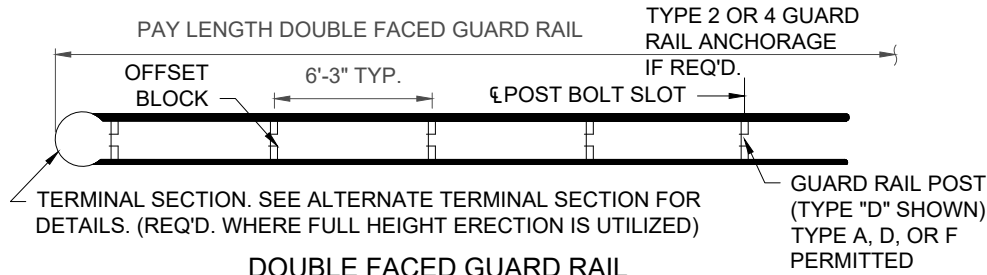
STANDARD TERMINAL SECTION

NTS



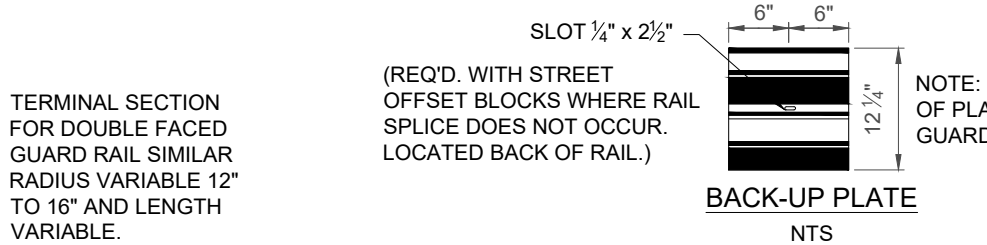
ALTERNATE TERMINAL SECTION

NTS



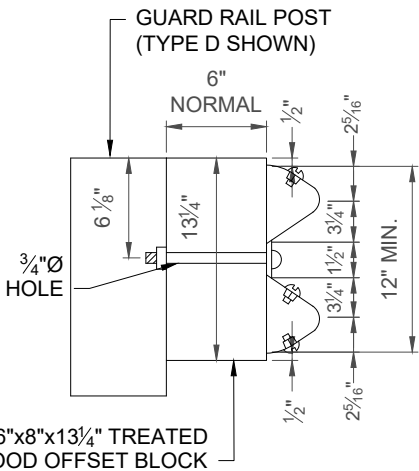
DOUBLE FACED GUARD RAIL

NTS



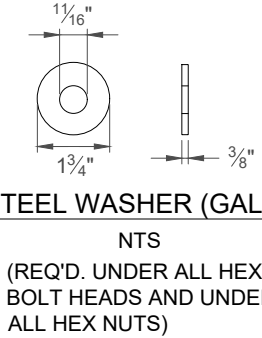
BACK-UP PLATE

NTS



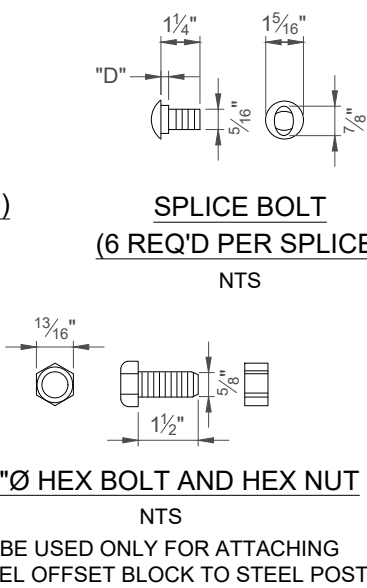
STEEL WASHER (GALV.)

NTS



SPLICE BOLT

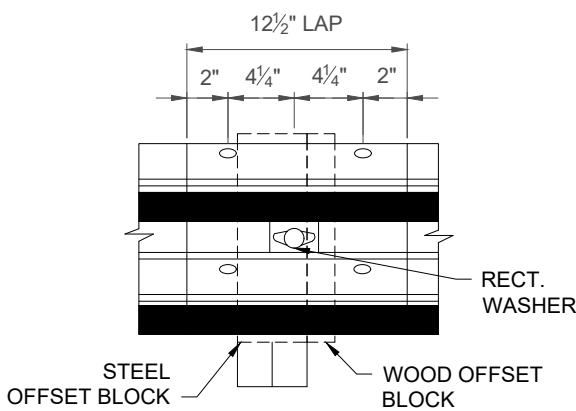
NTS



5/8"Ø HEX BOLT AND HEX NUT

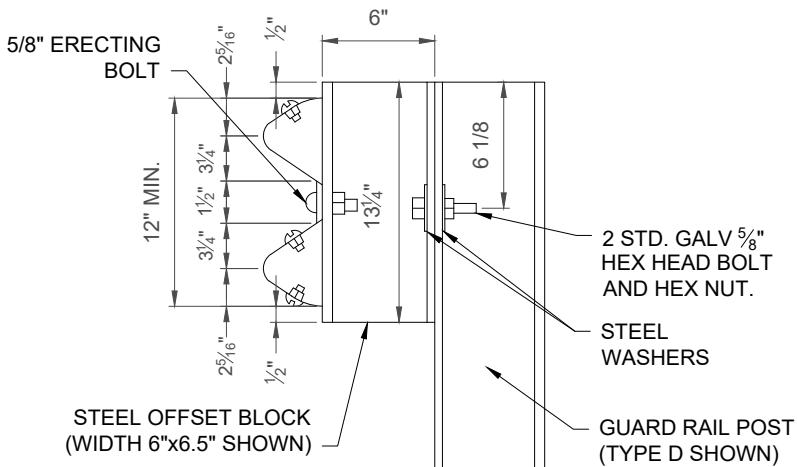
NTS

(TO BE USED ONLY FOR ATTACHING STEEL OFFSET BLOCK TO STEEL POST.)



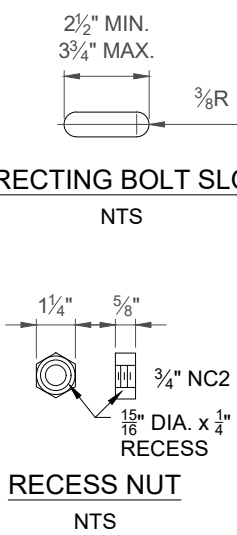
GUARD RAIL SPLICE AT POST

NTS



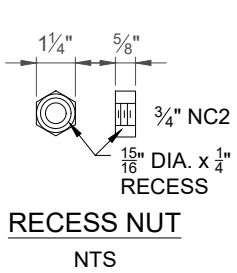
ERECTING BOLT SLOT

NTS



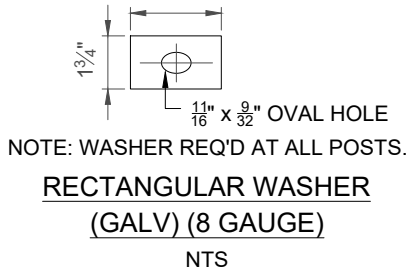
SPLICE BOLT SLOT

NTS



RECESS NUT

NTS



RECTANGULAR WASHER

(GALV) (8 GAUGE)

NTS

NOTES:

1. GUARD RAIL, ITS FITTINGS, PARTS, ETC, ARE TO BE IN ACCORDANCE WITH STATE HIGHWAY DEPARTMENT OF GEORGIA STANDARD SPECIFICATIONS AND/OR SPECIAL PROVISIONS.
2. FOR DETAILS OF POSTS & OFFSET BLOCKS SEE GA. STANDARD 4011.
3. FOR DETAILS OF GUARD RAIL ANCHORAGES SEE GEORGIA STANDARD 4012.
4. FOR LOCATION OF GUARD RAIL SEE APPLICABLE LOCATION STANDARDS.
5. ON PROJECTS WHERE GUARD RAIL CONNECTIONS AT BRIDGE END HAVE BEEN PLACED ON PREVIOUS CONTRACTS THE END PANEL MAY BE SHORTENED BY CUTTING OR SHEARING TO FIT EXISTING STRUCTURE.
6. WHEN GUARD RAIL IS REQUIRED ON CURVES WITH RADII LESS THAN 150' PRECURVED RAIL WILL BE REQUIRED.
7. UNIT PRICE FOR GUARD RAIL TO INCLUDE OFFSET BLOCKS, POST, BACK-UP PLATES WHERE REQ'D, BOLTS, NUTS, WASHERS, TERMINAL SECTIONS, ADDITIONAL POST WHERE REQUIRED AND REMOVAL AND REPLACEMENT OF PORTIONS OF MEDIAN PAVING, SPILLWAYS OR CATCH BASINS WHERE NECESSARY.
8. ALL DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
9. STANDARD NET LENGTH OF RAIL ELEMENTS MAY BE EITHER 12'-6" OR 25'-0". THESE LENGTHS SHALL BE ARRANGED TO PROVIDE AS NEARLY AS POSSIBLE THE OVERALL LENGTH ORDERED BY THE ENGINEER FOR ANY ONE LOCATION.

FULTON COUNTY STANDARD DETAIL 320

BEAM TYPE GUARD RAIL

| DATE | REVISIONS | DATE | REVISIONS |
|------|-----------|------|-----------|
|      |           |      |           |
|      |           |      |           |
|      |           |      |           |
|      |           |      |           |
|      |           |      |           |

DGS/DRN/CHKD: MB/EB/ML

APPROVED: TM

DATE: 02-18-2026



FULTON COUNTY PUBLIC WORKS  
141 PRYOR ST. ATLANTA, GA. 30303  
404-612-7400 FAX: 404-224-0498

DRAWING NO.

320