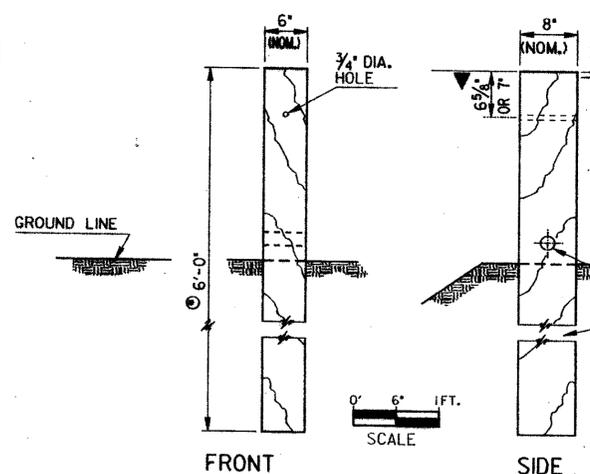


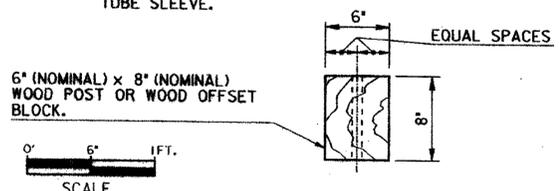
TYPE A WOOD POST (FOR "W" BEAM GUARDRAIL)

NOTE: WOOD POST ARE ALLOWABLE ONLY WHERE SPECIFIED.



FRONT SIDE

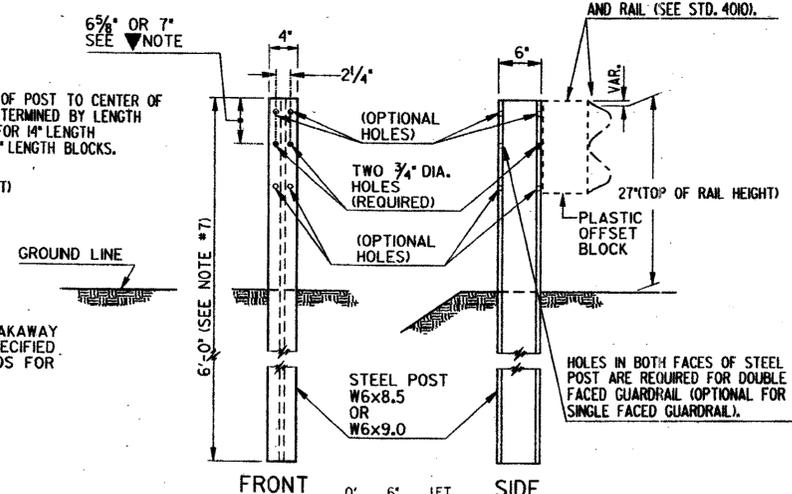
SEE SEPARATE STANDARD OR DETAIL FOR POSTS IN TUBE SLEEVE.



PLAN VIEW (FOR EITHER "W" BEAM OR "T" BEAM POST OR BLOCK)

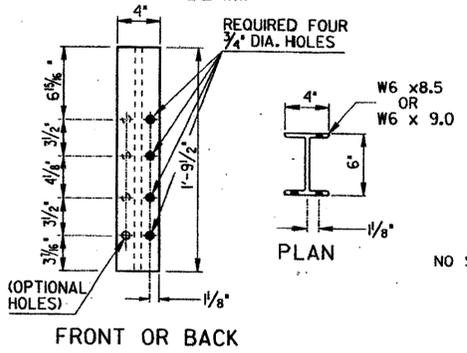
WOOD POSTS AND WOOD OFFSET BLOCKS MAY BE ROUGH OR SURFACED. DIMENSIONS FOR WOOD POSTS AND WOOD OFFSET BLOCKS ARE NOMINAL IN ACCORDANCE WITH ACCEPTED LUMBER INDUSTRY STANDARDS.

TYPE D STEEL POST (FOR "W" BEAM GUARDRAIL)



FRONT SIDE

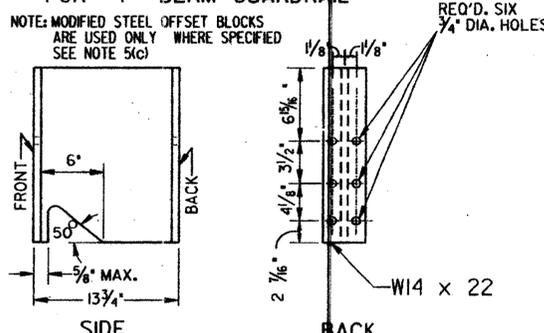
6" DEPTH STEEL OFFSET BLOCK ("T" BEAM)



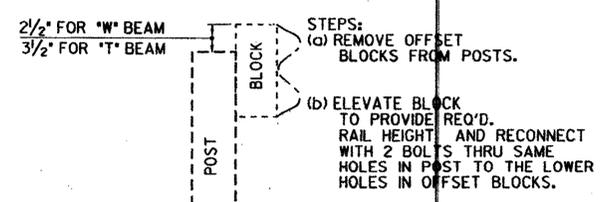
FRONT OR BACK

6" DEPTH STEEL OFFSET BLOCK PERMITTED ONLY FOR LOW SPEEDS. SEE NOTE 5(b).

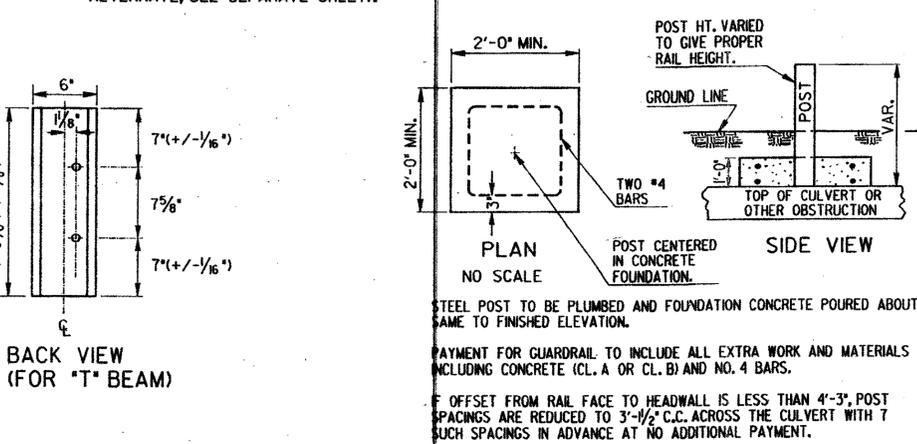
MODIFIED STEEL OFFSET BLOCK FOR "T" BEAM GUARDRAIL



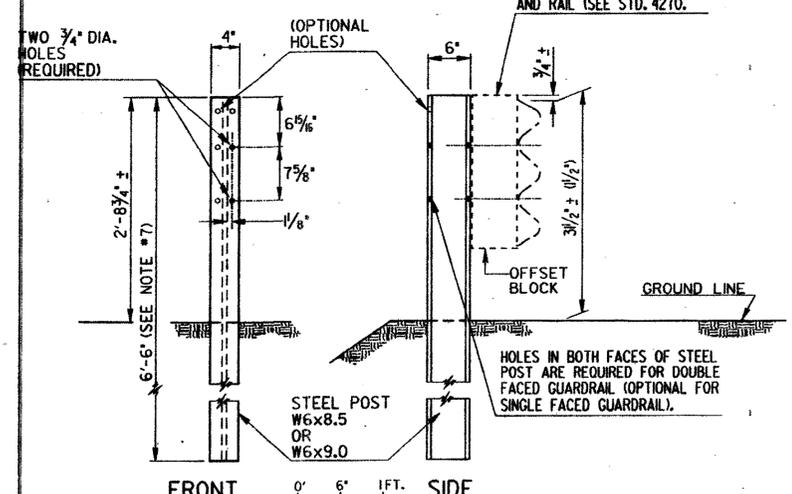
HEIGHT CORRECTION IF NEEDED FOR RESURFACED PROJECTS



CONCRETE FOUNDATION FOR POST IN SHALLOW FILLS OVER CULVERTS OR OTHER OBSTRUCTIONS



TYPE D-T STEEL POST (FOR "T" BEAM GUARDRAIL)

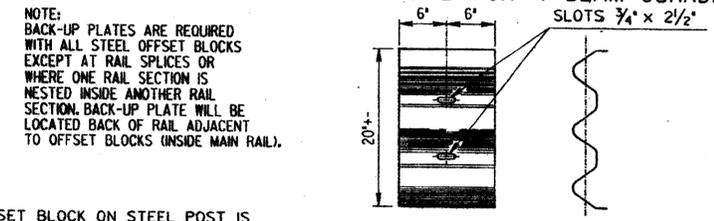


FRONT SIDE

GENERAL NOTES:

- SPECIFICATIONS GEORGIA STANDARD, CURRENT EDITION AND SUPPLEMENTS THERETO.
- STEEL POSTS MAY BE EITHER ROLLED OR WELDED STRUCTURAL SHAPES. STEEL OFFSET BLOCKS SHALL BE ROLLED. WELDED POSTS SHALL BE SEAL WELDED BETWEEN WEB AND FLANGE BEFORE GALVANIZING.
- WHERE WOOD POST OR WOOD OFFSET BLOCKS ARE PERMITTED, THE WOOD SHALL BE TREATED IN ACCORDANCE WITH GEORGIA STANDARD SPECIFICATIONS.
- ALL BOLTS USED FOR FASTENING THE RAIL AND OFFSET BLOCKS TO WOOD POSTS SHALL HAVE SUFFICIENT LENGTH TO EXTEND AT LEAST 1/4" BEYOND THE FULL NUT, UP TO 3" (+) BEYOND.
- (a) "W" BEAM GUARDRAIL: ALL OFFSET BLOCKS SHALL BE 6" DEPTH PLASTIC BLOCKS EXCEPT FOR (d) BELOW.
- (b) "T" BEAM GUARDRAIL: STANDARD INSTALLATION WILL UTILIZE 8" DEPTH PLASTIC BLOCKS, HOWEVER FOR DESIGN SPEEDS OF 45 MPH OR LESS, 6" DEPTH STEEL OFFSET BLOCKS MAY BE ALLOWED INSTEAD.
- (c) 13 3/4" DEPTH MODIFIED STEEL OFFSETS MAY BE SPECIFIED WHERE JUSTIFIED FOR MORE SEVERE CONDITIONS. PAY ITEM IS -GUARDRAIL, TP T, MODIFIED OFFSET BLOCK---PER LIN. FT.
- (d) WOOD OFFSET BLOCKS MAY BE USED ONLY AT AN ISOLATED LOCATION WITHIN A RUN OF GUARDRAIL, WHERE OTHER BLOCK TYPES WOULD NOT PROVIDE PROPER FIT, AS DETERMINED BY THE ENGINEER OR SHOWN IN THE PLANS.
- POSTS WILL BE SPACED AT 6'-3" C. TO C., UNLESS OTHERWISE NOTED.
- ADDITIONAL LENGTH POSTS, WHERE SPECIFIED, SHALL BE 7'-0" AND 7'-6" LONG FOR "W" BEAM AND "T" BEAM GUARDRAILS RESPECTIVELY, WITH HOLES DIMENSIONED FROM THE POST-TOP THE SAME AS SHOWN.

BACK-UP PLATE (FOR "T" BEAM GUARDRAIL)

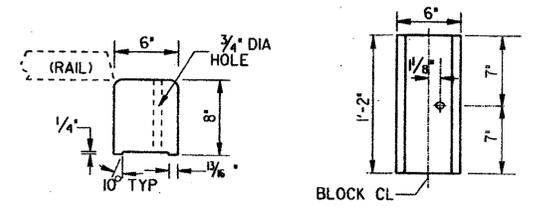


FRONT

SAME AS SECTION THROUGH RAIL (STANDARD 4270)

STANDARD PLASTIC OFFSET BLOCKS

NOTE: PLASTIC OFFSET BLOCKS SHALL BE OF TYPE LISTED IN GA. DOT OPL OF APPROVED PRODUCTS OR PER STANDARD SPECIFICATIONS.



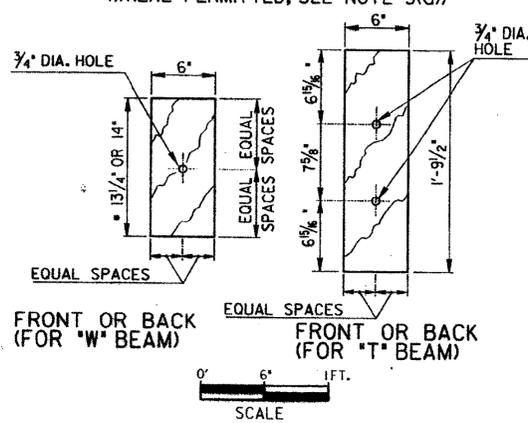
PLAN

BACK VIEW (FOR "W" BEAM)

NOTE: DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES.

BACK VIEW (FOR "T" BEAM)

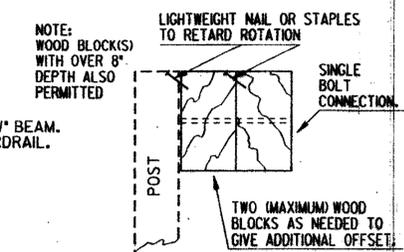
WOOD OFFSET BLOCKS (WHERE PERMITTED, SEE NOTE 5(d))



FRONT OR BACK (FOR "W" BEAM)

FRONT OR BACK (FOR "T" BEAM)

(PLAN VIEW IS SAME AS SHOWN FOR WOOD POST ABOVE)



ADDITIONAL DEPTH OFFSET BLOCKOUTS (FOR USE WHERE GREATER THAN STANDARD OFFSET IS SPECIFIED)

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD
POSTS AND OFFSET BLOCKS
FOR "W" & "T" BEAM GUARDRAIL
(REPLACES STANDARDS 4011 & 4271)

SCALE: AS SHOWN REVISED & REDRAWN DEC., 1999

DATE	
REVISION	
BY	
(SUBMITTED)	<i>Joseph K. ...</i>
(APPROVED)	<i>Paul L. ...</i>
NUMBER	4011A