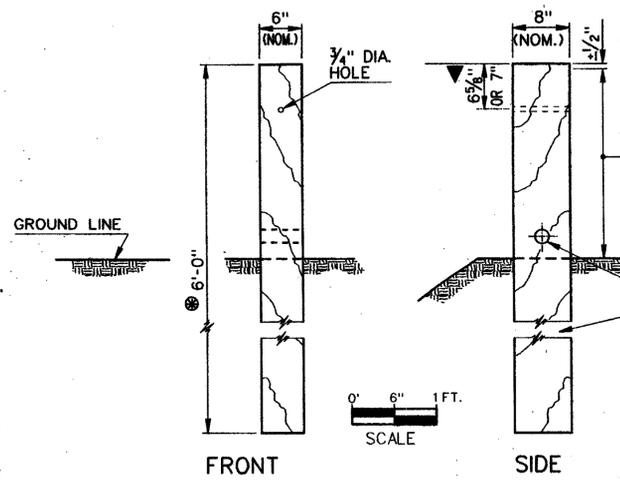
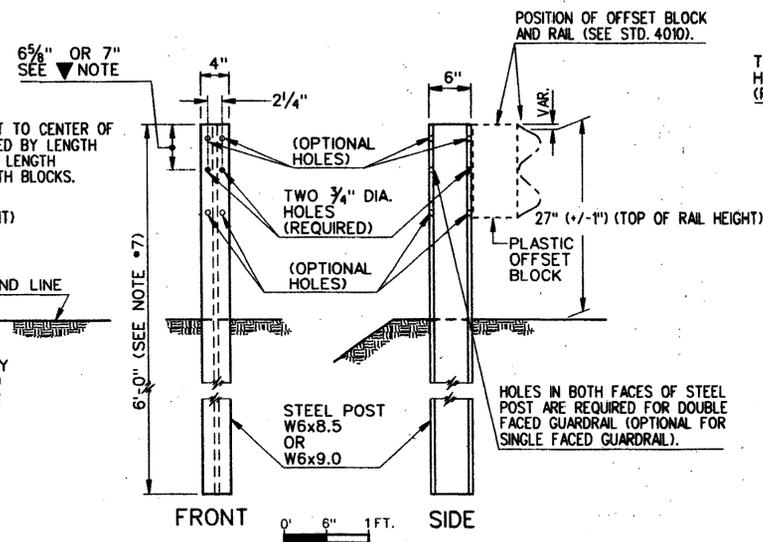


TYPE A WOOD POST (FOR "W" BEAM GUARDRAIL)

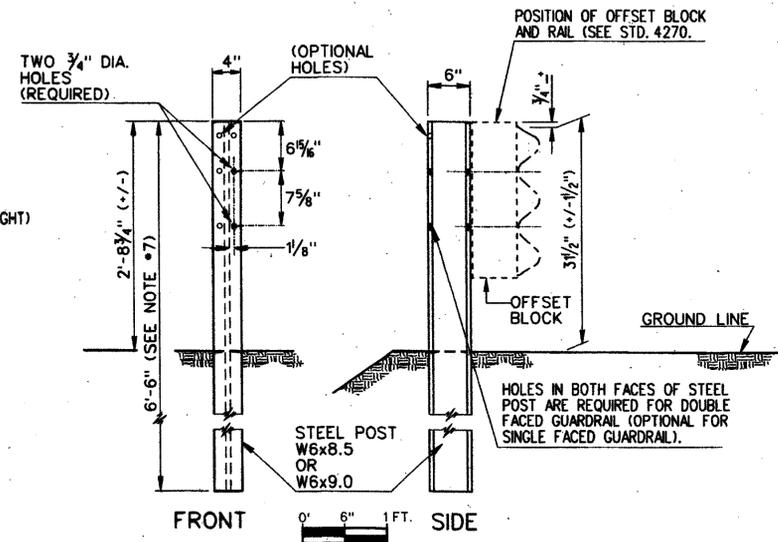
NOTE: WOOD POST ARE ALLOWABLE ONLY WHERE SPECIFIED.



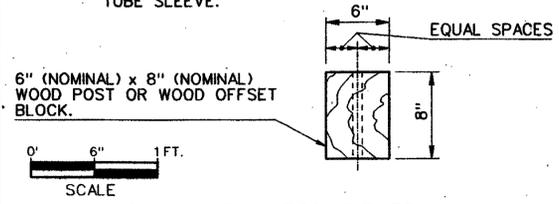
TYPE D STEEL POST (FOR "W" BEAM GUARDRAIL)



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



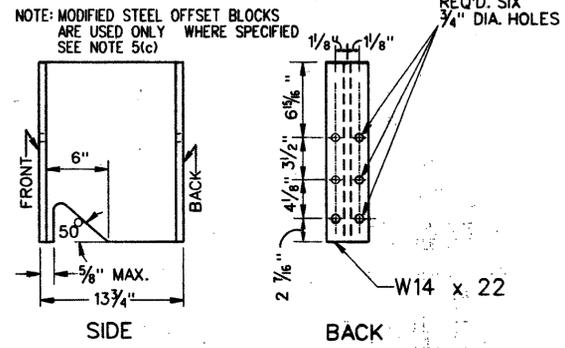
SEE SEPARATE STANDARD OR DETAIL FOR POSTS IN TUBE SLEEVE.



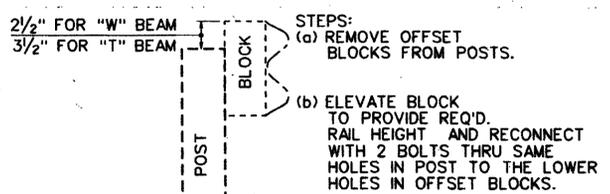
PLAN VIEW (FOR EITHER "W" BEAM OR "T" BEAM POST OR BLOCK)

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.

MODIFIED STEEL OFFSET BLOCK FOR "T" BEAM GUARDRAIL



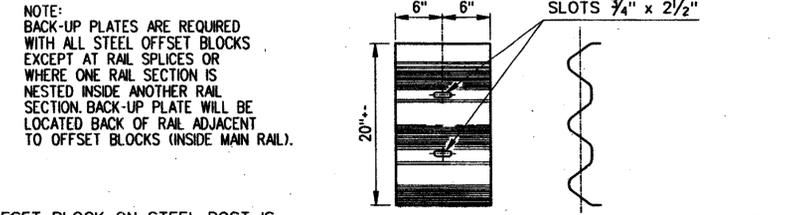
HEIGHT CORRECTION IF NEEDED FOR RESURFACED PROJECTS



GENERAL NOTES:

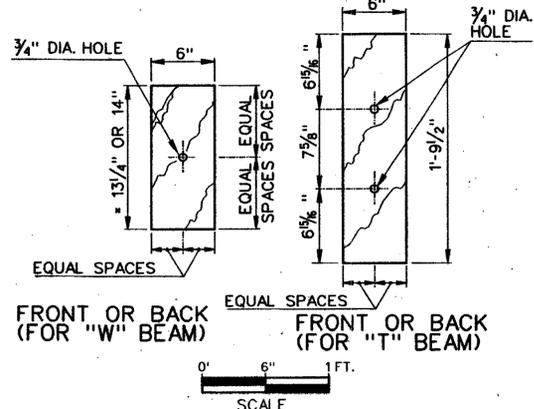
- SPECIFICATIONS GEORGIA STANDARD, CURRENT EDITION AND SUPPLEMENTS THERETO.
- STEEL POSTS MAY BE EITHER ROLLED OR WELDED STRUCTURAL SHAPES. STEEL OFFSET BLOCKS SHALL BE ROLLED. WELDED POSTS SHALL BE SEAL WELDED BETWEEN WEB AND FLANGE BEFORE GALVANIZING.
- WHERE WOOD POST OR WOOD OFFSET BLOCKS ARE PERMITTED, 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 8" DEPTH PLASTIC BLOCKS EXCEPT FOR (d) BELOW.
(b) "T" BEAM GUARDRAIL: STANDARD INSTALLATION WILL UTILIZE 8" DEPTH PLASTIC BLOCKS UNLESS OTHERWISE APPROVED.
(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)



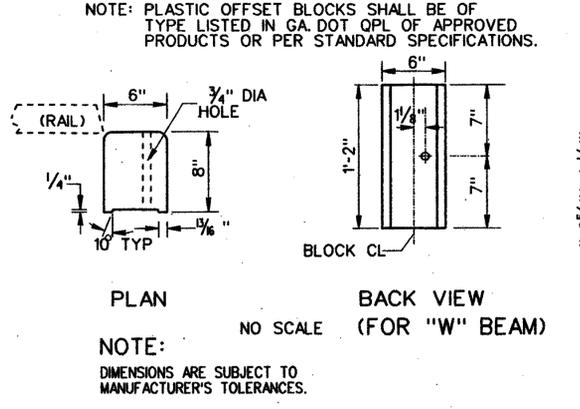
NOTE: WHERE WOOD OFFSET BLOCK ON STEEL POST IS PERMITTED IN "W" BEAM INSTALLATION, A NAIL OR SCREW FROM POST TO WOOD IS REQUIRED TO PREVENT ROTATION OF THE BLOCK.

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

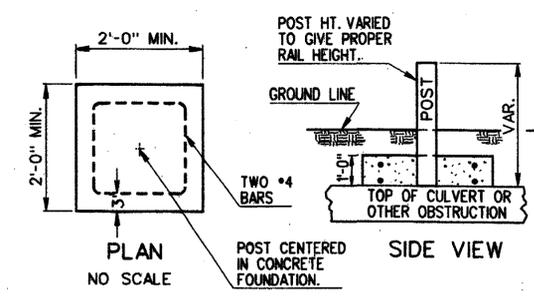


FRONT OR BACK (FOR "W" BEAM) FRONT OR BACK (FOR "T" BEAM)

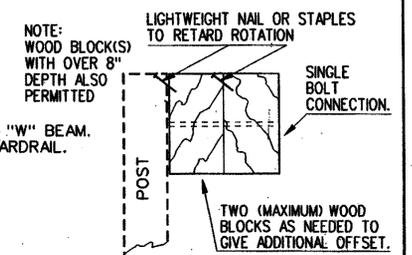
STANDARD PLASTIC OFFSET BLOCKS



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



IF OFFSET FROM RAIL FACE TO HEADWALL IS LESS THAN 4'-3", POST SPACINGS ARE REDUCED TO 3'-1/2" C.C. ACROSS THE CULVERT WITH 7 SUCH SPACINGS IN ADVANCE AT NO ADDITIONAL PAYMENT.



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

REV. OFFSET BLK. RAIL HT		DATE	
BY	REVISION	DATE	
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	
(SUBMITTED)	[Signature]		NUMBER
(APPROVED)	[Signature]		4011A
	CHIEF ENGINEER		