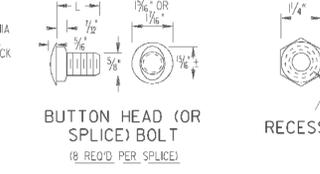
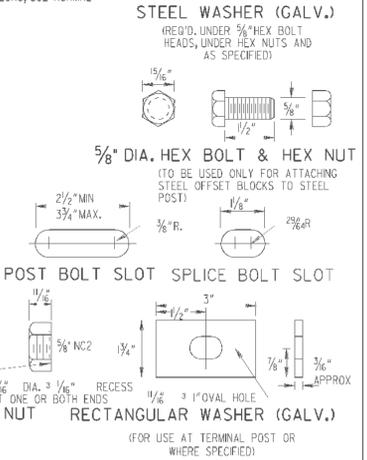


TYPE A WASHER (GALV.)
IF SLOTS IN SPECIAL END SHOE ARE 3" LONG TP, A WASHERS ARE REQ'D UNDER SPLICE BOLT HEADS & UNDER NUTS WITH 2" LONG SPLICE BOLTS. IF END SHOE SLOTS ARE 1 1/2" LONG, USE NORMAL SPLICE CONNECTIONS.

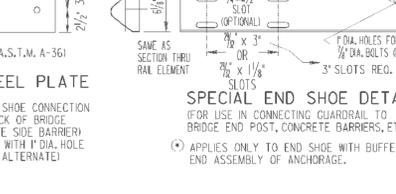
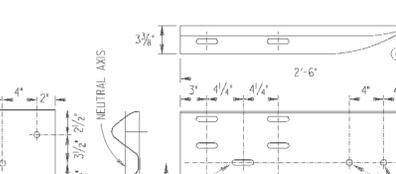
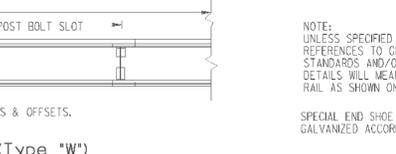
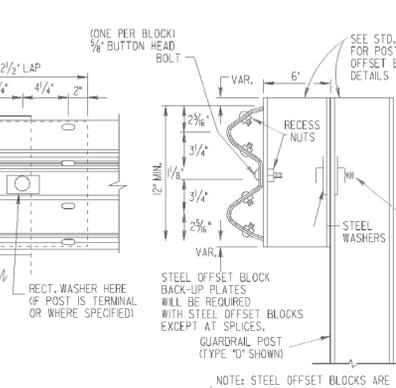
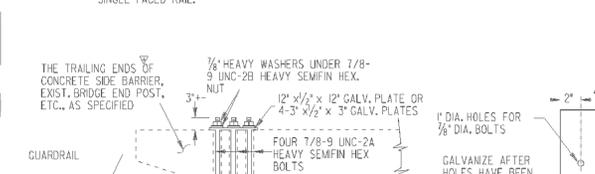
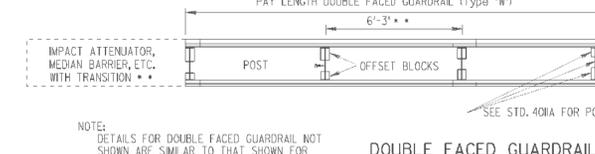
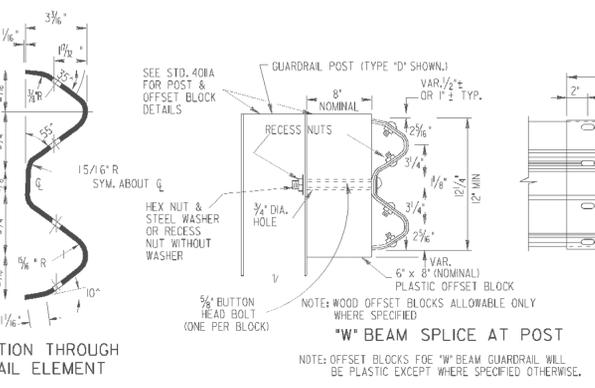
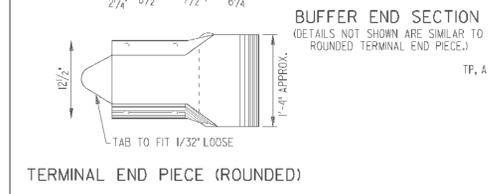
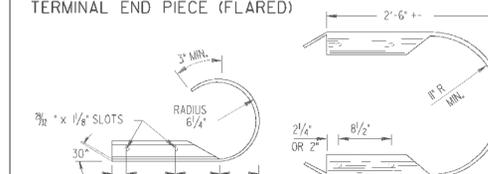
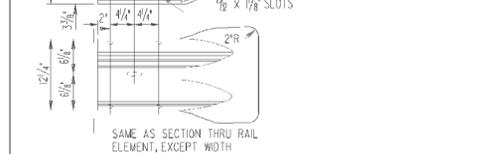
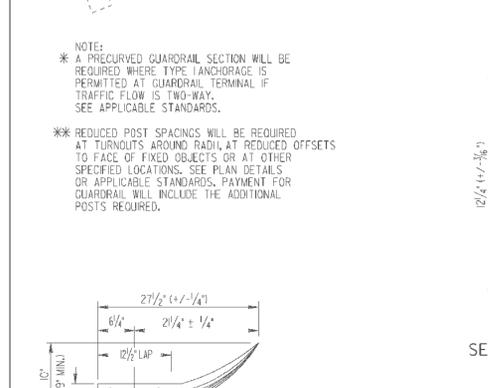
L	THREAD LENGTH
1 1/4"	FULL LENGTH
2"	1 1/2" MIN.
3 1/2"	1 3/4" MIN.
18"	2 1/2" MIN.
25"	2" MIN.



POST BOLT SLOT SPLICE BOLT SLOT
RECESS NUT
RECTANGULAR WASHER (GALV.)
(FOR USE AT TERMINAL POST OR WHERE SPECIFIED)



5/8" DIA. HEX BOLT & HEX NUT
(TO BE USED ONLY FOR ATTACHING STEEL OFFSET BLOCKS TO STEEL POST)



NOTE: * A PRECURVED GUARDRAIL SECTION WILL BE REQUIRED WHERE TYPE I ANCHORAGE IS PERMITTED AT GUARDRAIL TERMINAL IF TRAFFIC FLOW IS TWO-WAY. SEE APPLICABLE STANDARDS.

** REDUCED POST SPACINGS WILL BE REQUIRED AT TURNOUTS AROUND RADI, AT REDUCED OFFSETS TO FACE OF FIXED OBJECTS OR AT OTHER SPECIFIED LOCATIONS. SEE PLAN DETAILS OR APPLICABLE STANDARDS. PAYMENT FOR GUARDRAIL WILL INCLUDE THE ADDITIONAL POSTS REQUIRED.

NOTE: SEE STD. 401A FOR POST & OFFSET BLOCK DETAILS

NOTE: WOOD OFFSET BLOCKS ALLOWABLE ONLY WHERE SPECIFIED

NOTE: OFFSET BLOCKS FOR "W" BEAM GUARDRAIL WILL BE PLASTIC EXCEPT WHERE SPECIFIED OTHERWISE.

NOTE: STEEL OFFSET BLOCKS ARE NOT PERMITTED ON NEW INSTALLATIONS.

NOTE: UNLESS SPECIFIED OTHERWISE, ALL REFERENCES TO GUARDRAIL ON STANDARDS AND/OR CONSTRUCTION DETAILS WILL MEAN "W" BEAM GUARDRAIL AS SHOWN ON THIS STANDARD.

NOTE: SPECIAL END SHOE WILL BE 10 GAUGE STEEL GALVANIZED ACCORDING TO A.A.S.H.T.O. M-11

- GENERAL NOTES:
- SPECIFICATIONS: GEORGIA STANDARD CURRENT EDITION, AND SUPPLEMENTS THEREOF.
 - NUTS, BOLTS, WASHERS, RAIL, TERMINAL SECTIONS, END SHOES, BACK-UP PLATES, END SECTIONS AND OTHER GUARDRAIL HARDWARE ARE IN ACCORDANCE WITH THE CURRENT ARTBA TECHNICAL BULLETIN NO. 258 - UNLESS SPECIFIED OTHERWISE, DIMENSIONS FOR POSTS AND OFFSET BLOCKS WILL BE ACCORDING TO GA STANDARD 401A.
 - FOR DETAILS OF GUARDRAIL ANCHORAGES, SEE APPLICABLE STANDARDS AND/OR CONSTRUCTION DETAILS.
 - FOR LOCATION OF GUARDRAIL SEE APPLICABLE LOCATION STANDARDS.
 - ALL STEEL HARDWARE COMPONENTS WILL BE GALVANIZED AFTER FABRICATION. GALVANIZING REPAIR COMPOUND (SEC. 645) WILL BE FIELD APPLIED TO ANY COATINGS DAMAGED.
 - WHEN GUARDRAIL IS REQUIRED ON CURVES WITH RADI LESS THAN 150', PRECURVED RAIL WILL BE REQUIRED.
 - PAYMENT FOR GUARDRAIL (TYPE "W") TO INCLUDE OFFSET BLOCKS, POST, BACK-UP PLATES WHERE REQUIRED, BOLTS, NUTS, WASHERS, TERMINAL SECTIONS, ADDITIONAL POST, WHERE REQUIRED, & REMOVAL AND REPLACEMENT OF PORTIONS OF MEDIAN PAVING, SPLWAYS, OR CATCH BASINS WHERE NECESSARY.
 - ALL DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
 - 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 REQUIRED LENGTH FOR EACH INSTALLATION.

DATE		DEPARTMENT OF TRANSPORTATION	
		STATE OF GEORGIA	
REVISION		STANDARD	
		"W" BEAM GUARDRAIL	
NO SCALE	REV. & REDR. MAY, 1999		
DES. BY	RETRACED	(SUBMITTED) <i>Janeel Bond</i>	NUMBER
CHK.		(APPROVED) <i>Carol L. Smith</i>	4010
		CHIEF ENGINEER	



REVISION DATES		STATE OF GEORGIA	
05/31/11		DEPARTMENT OF TRANSPORTATION	
		OFFICE:	
		GEORGIA STANDARDS	
		SR 136 OVER WEST CHICKAMAUGA CREEK	
		BR000-0005-00(571) 5/5/2011	
		DRAWING No. 41-012	