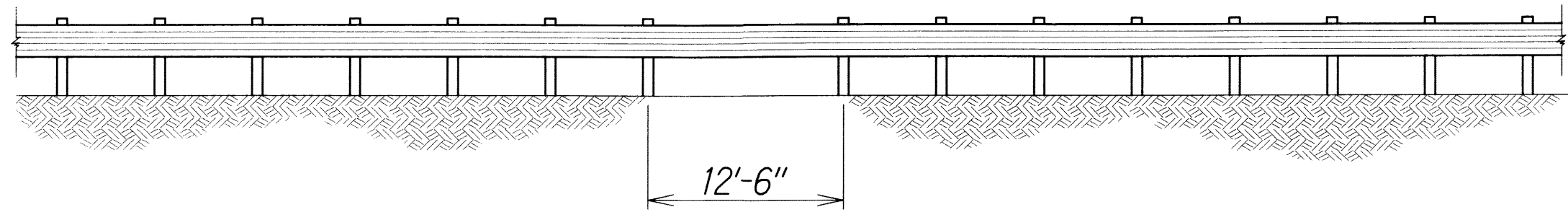
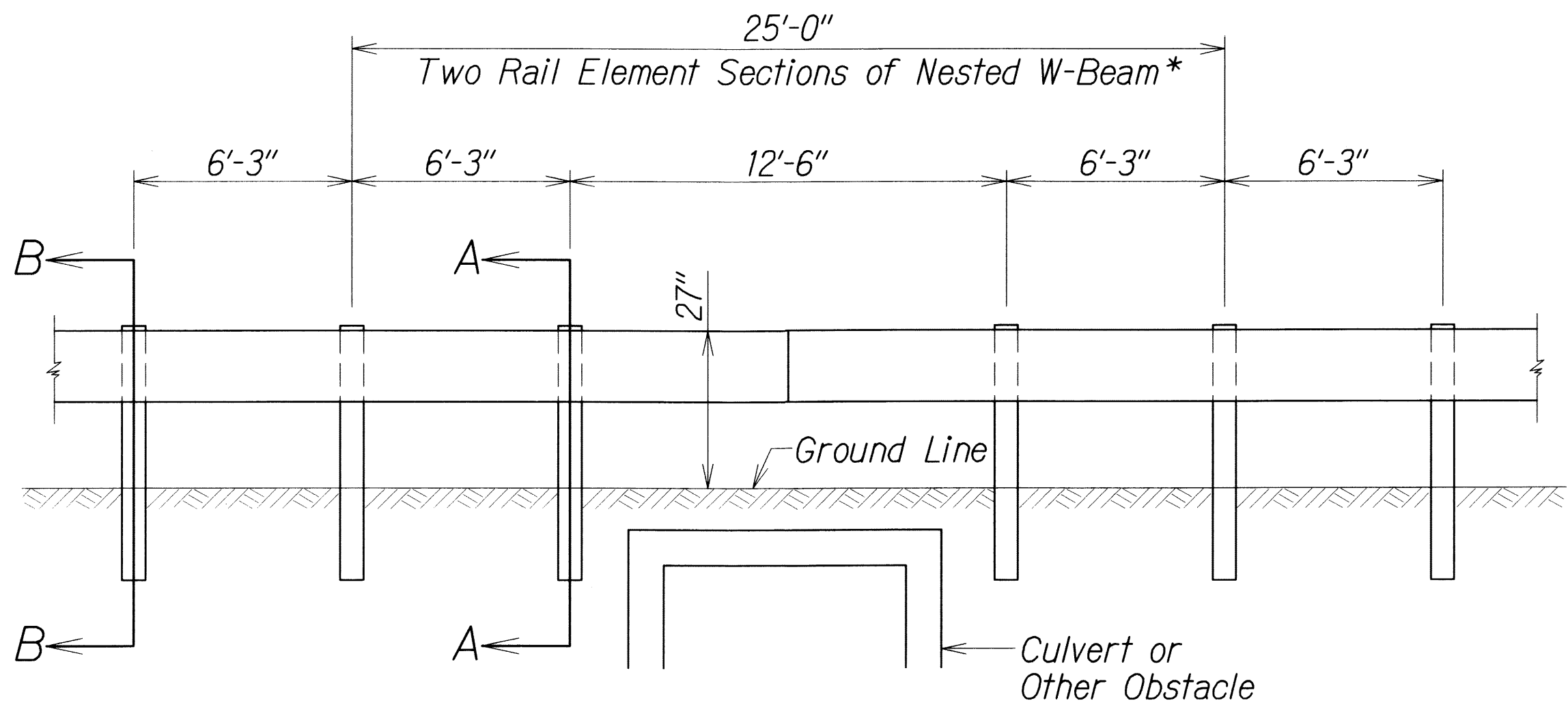


FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0583(002)	2011	21	27



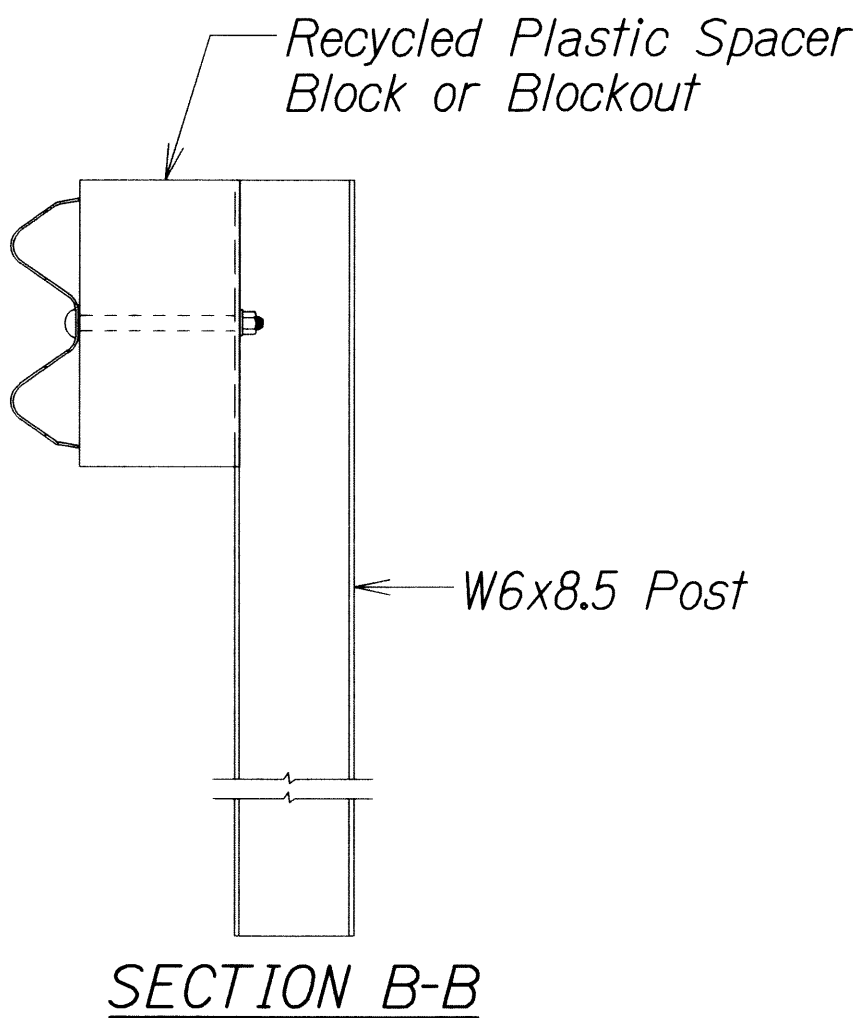
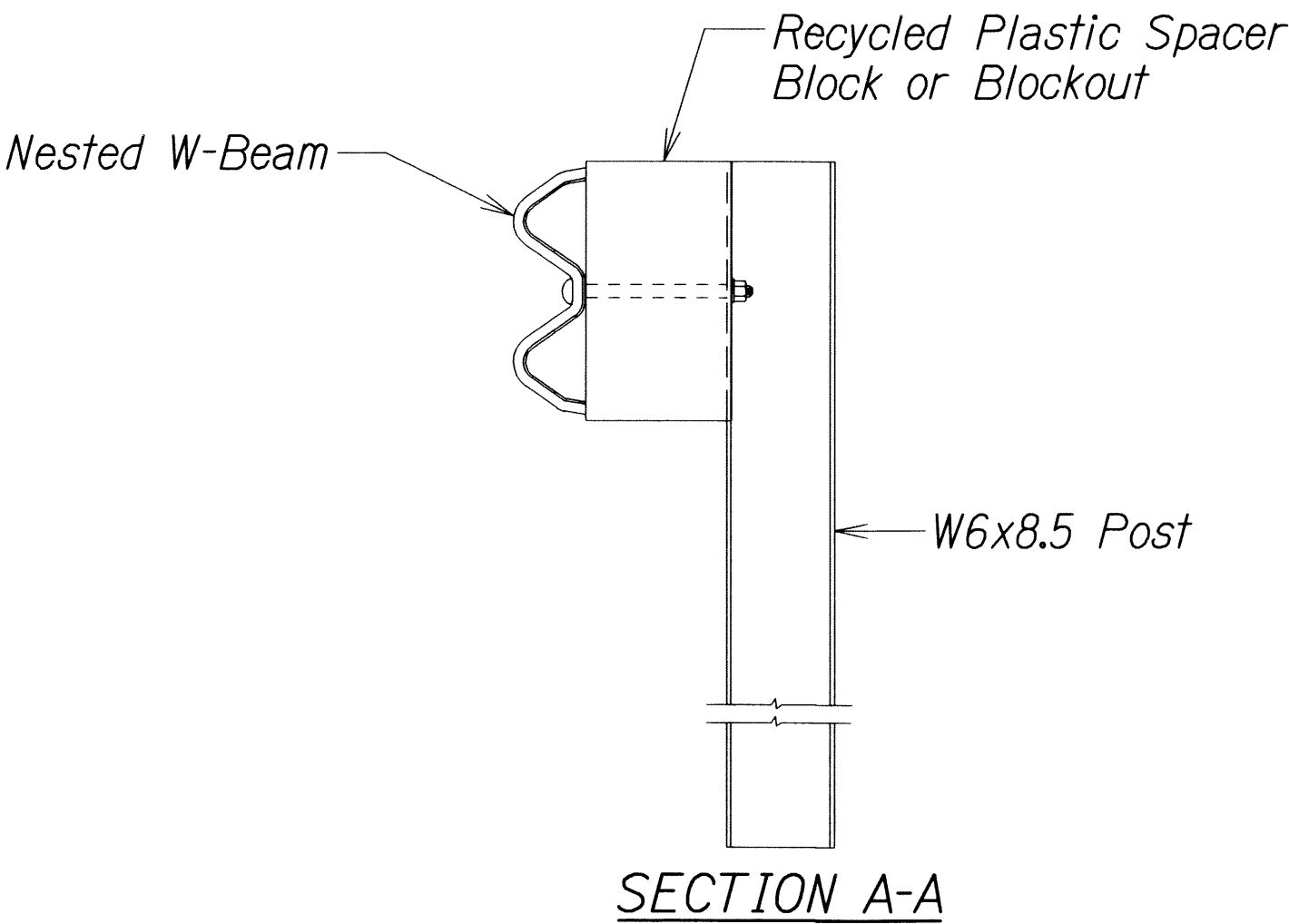
LONG SPAN 12'-6" OVER CULVERT



(SPlice IN CENTER OF 12'-6" SPACING)

**NESTED LONG SPAN STRONG POST
W-BEAM GUARDRAIL OVER 12'-6" CULVERT**
(MAXIMUM DYNAMIC DEFLECTION OF 3.1 FT.)

*Note: All nested W-Beam splices points shall be staggered.



NOTE: All Rail Elements Sections are 12'-6"
and All Posts are 8' Long

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CHECKED BY	
NOTED BY	
QUANTITIES BY	
REVISIONS	
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**NESTED LONG SPAN STRONG POST
W-BEAM GUARDRAIL OVER CULVERT**
MAALO ROAD
GUARDRAIL AND SHOULDER IMPROVEMENTS
Mile Post 0.0 to Mile Post 2.95
Fed-Aid Project No. STP-0583(002)
Scale: Not to scale Date: Dec. 2011