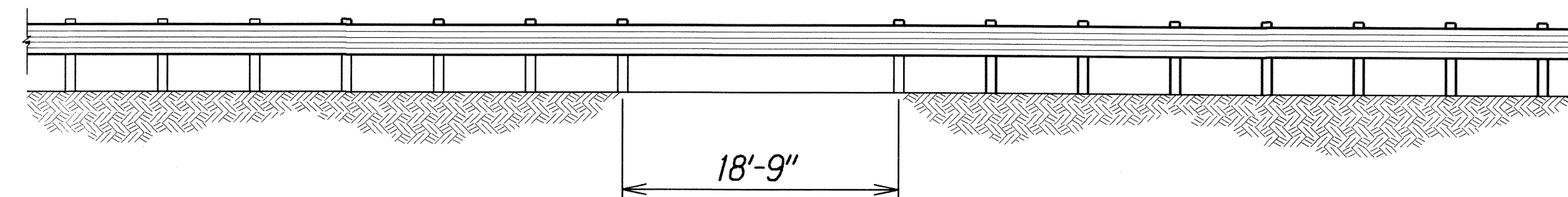
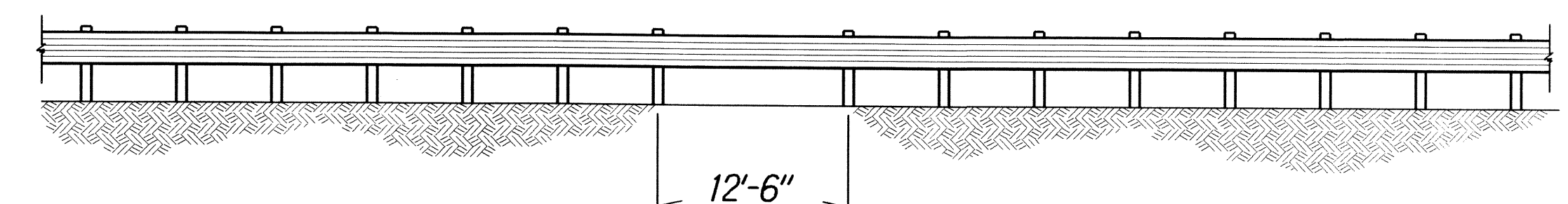


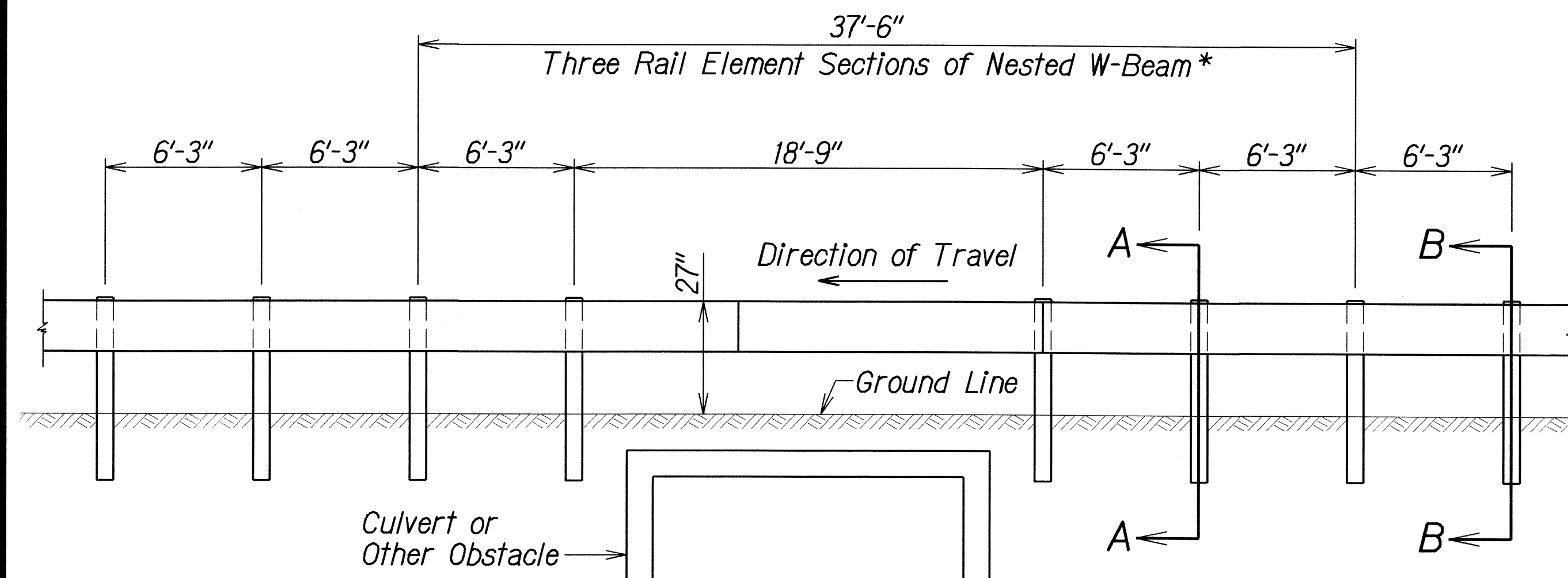
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37CDE-01-08M	2008	22	30



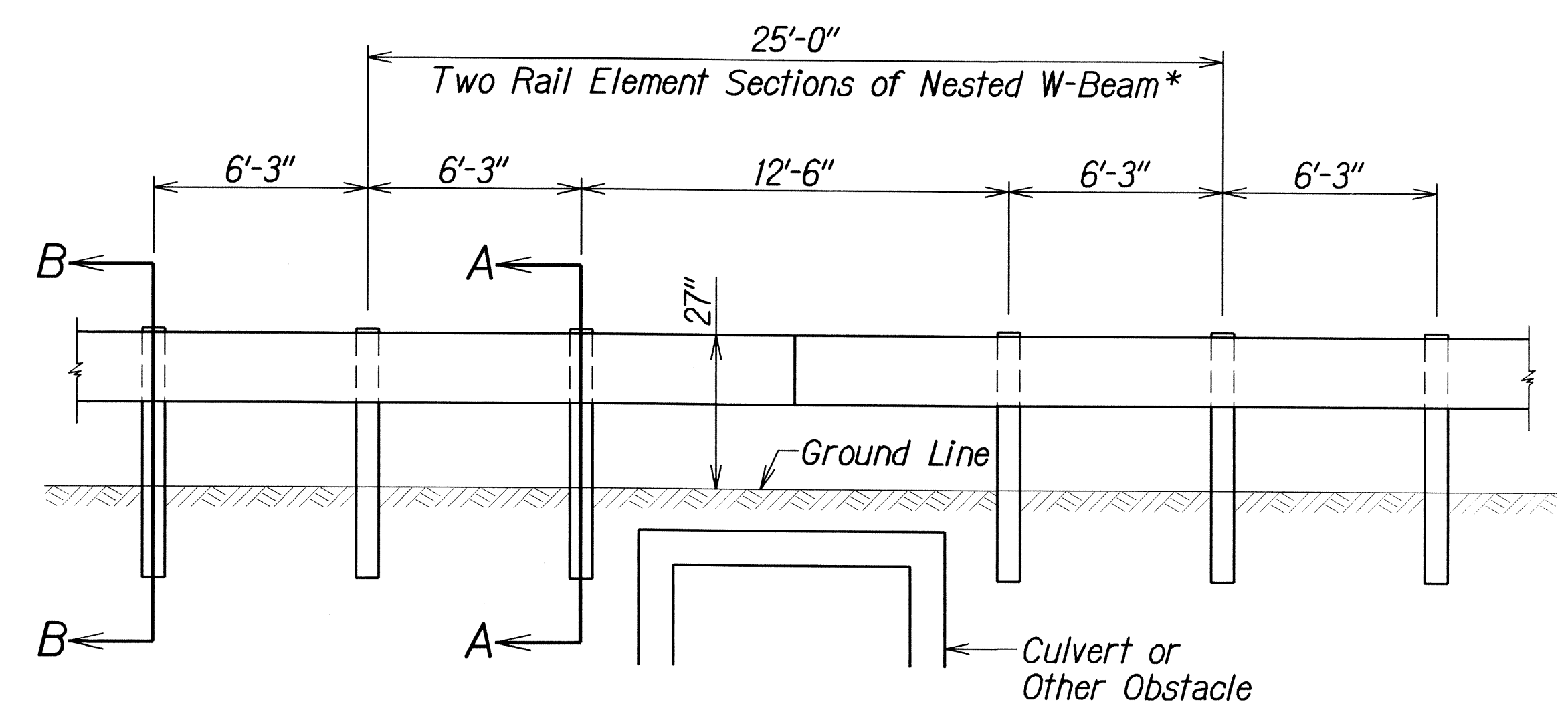
LONG SPAN OVER CULVERT



LONG SPAN OVER CULVERT



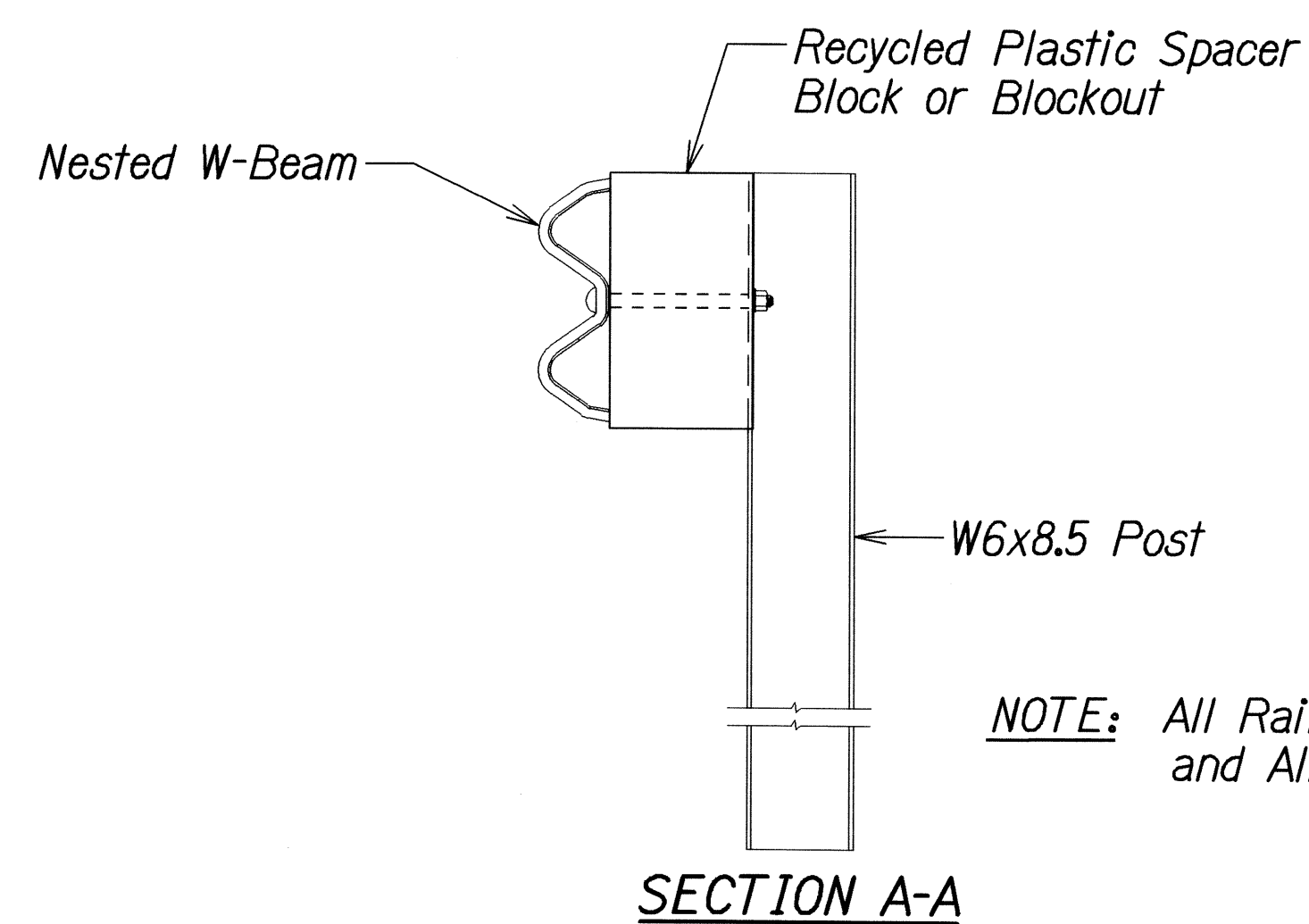
NESTED LONG SPAN STRONG 8' POST
W-BEAM GUARDRAIL OVER 18'-9" CULVERT
(MAXIMUM DYNAMIC DEFLECTION OF 3.2 FT.)



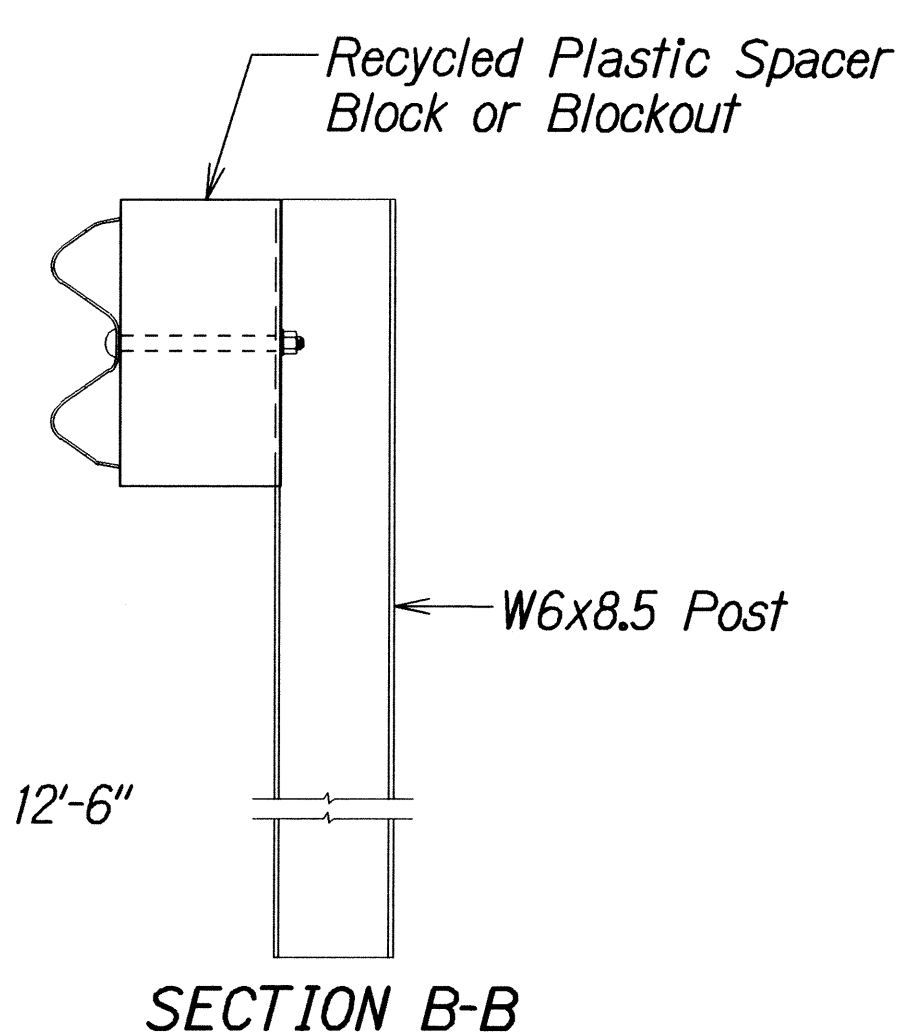
(SPlice IN CENTER OF 12'-6" SPACING)

NESTED LONG SPAN STRONG 8' 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.



SECTION A-A



SECTION B-B

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

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	

4/22/04 tidubly/guardrail/instawebansdgn

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
NESTED LONG SPAN STRONG POST W-BEAM GUARDRAIL OVER CULVERT KULA HIGHWAY FLOOD DAMAGE REPAIRS	
AT VARIOUS LOCATIONS	
Project No. 37CDE-01-08M	
Scale: None	Date: April, 2008
SHEET No. 1 OF 1 SHEETS	