SR	Made By	LHT	Chk'd by	AM	Date		of Sheets	Reference
	_							FHWA-NHI 10-034
8.3-A4-3								Otherwise
SOIL INTERACTION ANALYSIS FOR CULVERT STRUCTURES								noteu
PRECAST SPLIT BOX BURRIED STRUCTURE								
per								
"Technical Manual for Design and Construction of Road Tunnels – Civil Elements". FHWA-NHI-10-034.								
<u>I. GEOTECH INI</u> <u>Soil Mater</u> Effective Poisson's, Effective Unit Weig	<u>FORMATION</u> rial Young Modulus, E _r , v _m = Shear Modulus G _m ht γ _m =	n =	0.5		1E+06 ps 130 pc	ſ	1460 ksf	
<u>Seismicit</u> y F _{pga} PGA :	¥ =		0.42					
<u>II. GEOMETRY</u> The prelir	ninary sizing of str	ucture						
н	z.				H = h = w = z =H+d =	16 ft 14 ft 20 ft 30 ft		
h		1-11 CONSEL WIGH 21-1			t wall = t roof =	1.17 ft 1.17 ft		







