
REINFORCING DATA

	DIAMETER	SPACING
Top Slab Outside Face(AS7)	0.5 in.	8 in.
Bottom Slab Outside Face(AS8)	0.5 in.	8 in.
Sidewall Outside Face(AS1)	1 in.	9 in.
Top Slab Inside Face(AS2)	1.128 in.	7 in.
Bottom Slab Inside Face(AS3)	1 in.	6 in.
Sidewall Inside Face(AS4)	0.5 in.	10 in.

The diameters are used to estimate depth to tension reinforcing from compression face. They do not represent required reinforcing diameters.

SOIL LOAD DATA

Soil Density	140 pcf
Minimum Lateral Pressure Coefficient	0.25
Maximum Lateral Pressure Coefficient	0.50
Installation Type	Embankment/Compacted
Soil-Structure Interaction Factor	1.132

LIVE LOAD DATA

Live Load	AASHTO HS-Series
Live Load Magnitude	25 US tons
Tire Footprint Length	.0 in.
Tire Footprint Width	.0 in.
Live Load Distribution Factor	1.75
Direction of travel	Parallel to span
Impact Factor	1.00
Lane Load	0.0 psf

SURCHARGE LOADS

Vertical Pressure	0.0 psf
Horiz. Pressure at Culvert Top	0.0 psf
Horiz. Pressure at Culvert Bottom	0.0 psf
Application Code	Additional Dead Load

FLUID LOADS

Depth of Fluid	9.0 ft
Fluid Density	62.5 pcf