INPUT DATA: Geometry and Surcharge loads (of a SIMPLE STRUCTURE)

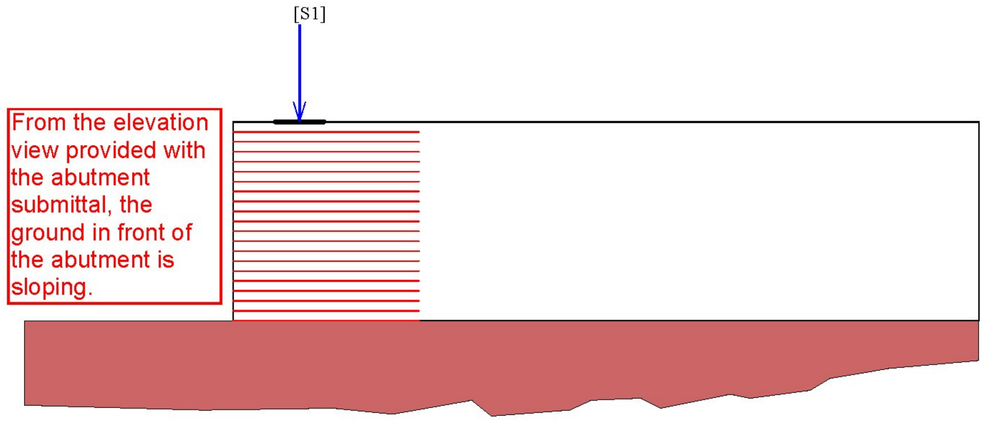
Design height, Hd 15.00 [ft] { Embedded depth is E = 0.00 ft, and height above top of finished bottom grade is H = 15.00 ft }
Batter, ω 0.0 [deg]
Backslope, β 0.0 [deg]
Backslope rise 0.0 [ft] Broken back equivalent angle, I = 0.00° (see Fig. 25 in DEMO 82)

U N I F O R M S U R C H A R G E
Uniformly distributed dead load is 0.0 [lb/ft ²]

The abutment should be checked for live load surcharge as well as the bridge footing strip load.

OTHER EXTERNAL LOAD(S)
[S1] Strip Load, Pv-d = 160.0 and Pv-l = 160.0 [lb/ft].
Footing width, b=3.7 [ft]. Distance of center of footing from wall face, d = 5.0 [ft] @ depth of 0.0 [ft] below soil surface.

ANALYZED REINFORCEMENT LAYOUT:



SCALE:

0 2 4 6 8 10 [ft]