DESIGN DATA

Design: AASHTO LRFD Bridge Design Specifications, 4th edition with California Amendments

WS: 33 psf on Sound Wall and Barrier
LS: Varying surcharge on level ground surface
CT: 56 kip maximum traffic impact loading evenly distributed over 10 feet on top of the barrier

Soil: Monotonic-Quake Method

Earth Pressure:

E1: 19 kip maximum traffic impact loading evenly distributed over 10 feet on top of the barrier

REFERENCES:

For Sound Wall and Barrier reinforcement details, see "SOUND WALL - MASONRY BLOCK WITH BARRIER ON RETAINING WALL" sheet.

NOTES:

1. For sound wall and barrier reinforcement details, see "SOUND WALL - MASONRY BLOCK WITH BARRIER ON RETAINING WALL" sheet.
2. For details not shown and drainage notes see "DETAIL A".
3. Footing cover, 1'-0" minimum.
4. For sound wall and barrier reinforcement details, see "SOUND WALL - MASONRY BLOCK WITH BARRIER ON RETAINING WALL" sheet.
5. For H = 6' through 14', extend @b bars into Barrier for stem with haunch.
6. For H ≥ 15', extend @b bars into Barrier for stem with haunch.
7. For H = 8', provide additional @b bars over a distance of 8'-0" measured from top expansion joint.
8. For details not shown, see "DETAIL A".