
8208 Concrete Barrier with MSE Wall

(This section last updated 01-15-14)

The 'W' dimension varies depending on what is located behind the barrier. The minimum and preferred width is 2 inches. This may widen near overhead sign trusses, bridge abutments, or if there is an adjacent sidewalk. Discuss with Preliminary Bridge for locations and design considerations.

If 'W' is wider than 2 inches and near pedestrian areas, but the roadway does not have a sidewalk, consider placing fence or handrail on top of the concrete barrier for a couple of barrier sections prior to and beyond the widened area to deter pedestrians from walking outside of the barrier.

If there is sidewalk adjacent to the roadway, add fencing and sidewalk width to 'W'. Refer to notes and details on bridge standards for sidewalk, fencing and handrail placement and design <http://www.iowadot.gov/bridge/standards/english/EnglishDeckRailBridges.pdf>.