



Bridge Design Details 8.7 January 2023

Minimum Reinforcement at Deck Overhangs

The following illustration together with related information shows the minimum amount of longitudinal reinforcing steel placed adjacent to barrier dowels and at the edges of decks. The detail applies to deck slabs for steel girders, T-Beams, box girders, prestressed girders, or other situations, but not slab bridges.

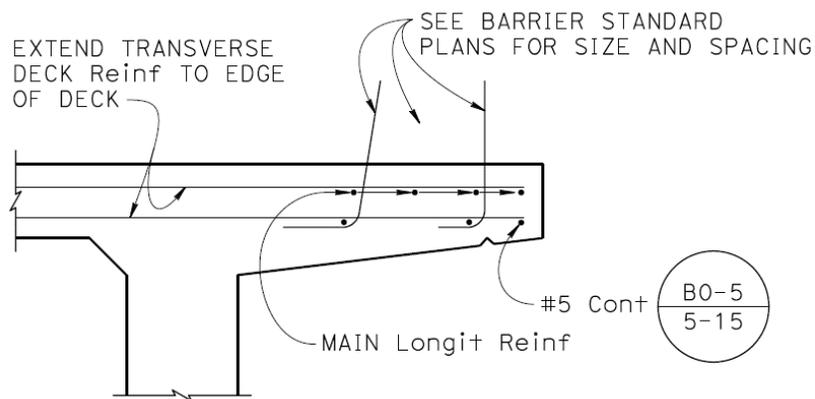


Figure 8.7.1 Barrier and Sidewalk Minimum Longitudinal Reinforcement

Notes:

1. The minimum reinforcement shown is necessary to anchor the barrier and sidewalk to the deck. Using the minimum reinforcement, deck cracking at the concrete barrier joints will be minimized.
2. Overhang reinforcement should be indicated on TYPICAL SECTION and DECK REINFORCEMENT sheets. The overhang reinforcement supports the barrier reinforcement and distributes traffic impact loads to the deck slab.