



# Bridge Design Details 8.5 January 2023

## Part Typical Section

This example illustrates the use of Standard Plan detail symbols and the detailing necessary to coordinate a PART TYPICAL SECTION with “Standard Plans” for a concrete box girder. The designer will provide the design data to be used from deck design charts and guidance, shown elsewhere. Similar details will be provided for superstructures with precast and steel girders.

Additional transverse bars in the overhang/deck may be required depending on barrier.

The longitudinal bars on the outside face of the exterior sloping girders will be spaced at 9 inches maximum. This maximum spacing was chosen to aid the placement and vibration of concrete.

Reinforced concrete box girders with 12" wide girder stems require two continuous longitudinal bars at the bottom of each girder. Only one continuous bar is required when the girder stems are 8" wide.

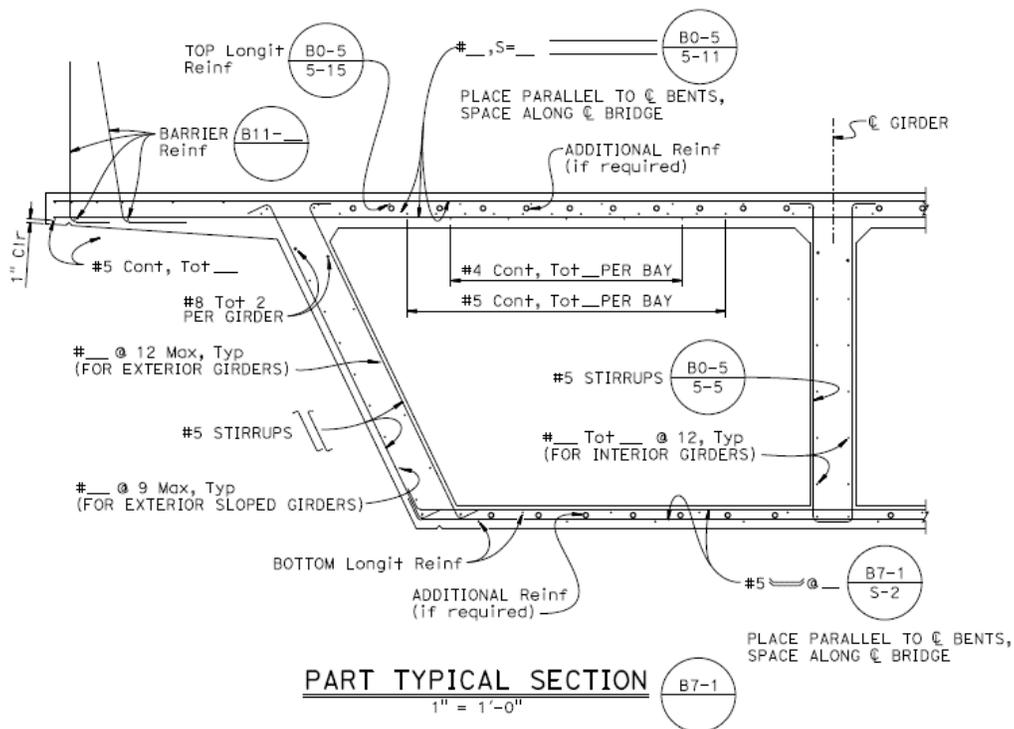


Figure 8.5.1 Part Typical Section Details