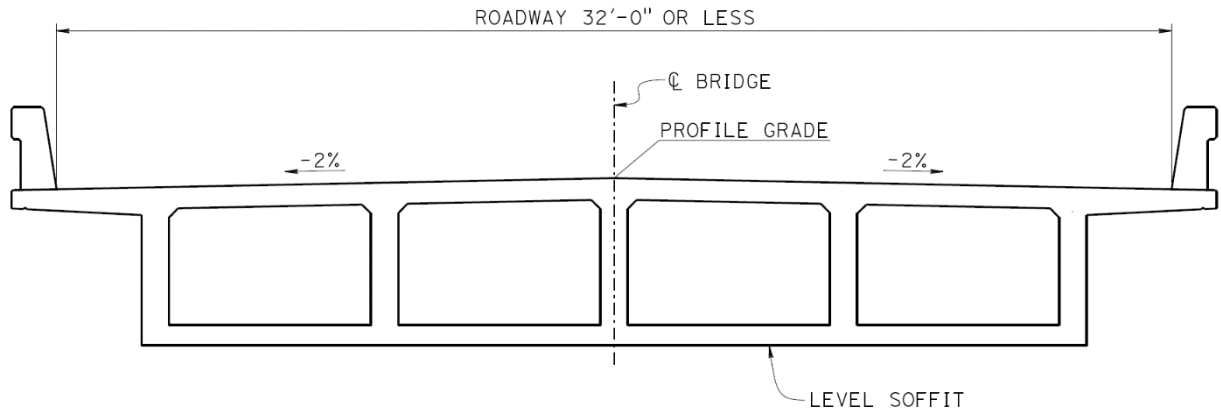




Bridge Design Details 8.2 January 2023

Box Girder Soffits



NOTE: The soffit may be cast on a straight line between the outside bottom edges of the box girder as approved by Engineer. Deck slab thickness remains as shown. Stem and stirrup heights and soffit thickness will vary to meet finished grade and provided clearances shown.

Figure 8.2.1 Box Girder Level Soffit

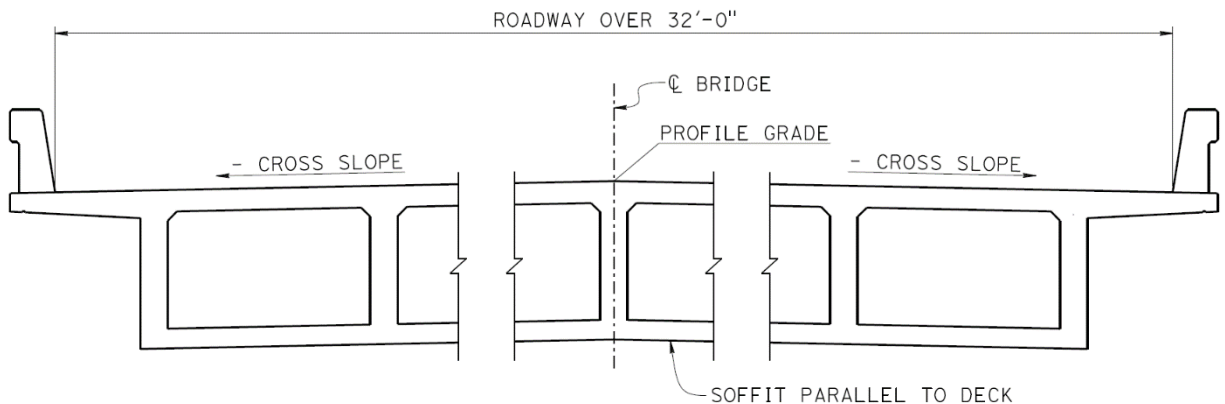


Figure 8.2.2 Box Girder Parallel Soffit

Notes:

1. Crowned box girder soffit may be level and thickness vary when the roadway is less than 32'-0" and deck cross slope is $\leq 2\%$.
2. Show the box girder as constant depth when the roadway is greater than 32'-0", in this case the soffit should be parallel to deck slope.
3. Minimum structure depth shown on the plans shall correspond to outside edge of exterior girder (soffit to deck). Minimum vertical clearance for a structure is measured from bottom edge of exterior girder to finish grade.