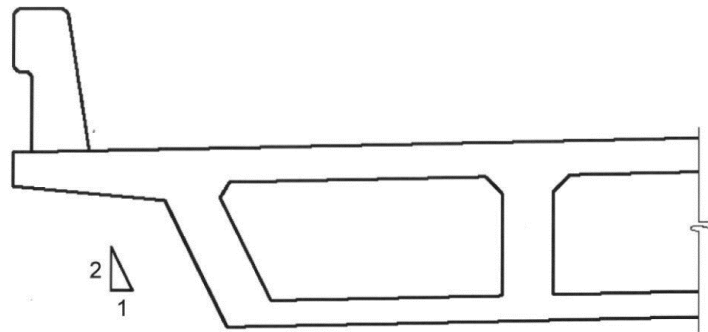




# Bridge Design Details 8.3 January 2023

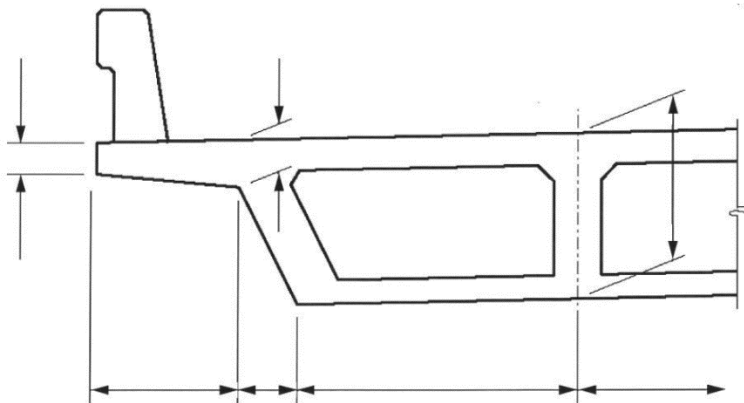
## Sloped Exterior Girders



**Figure 8.3.1 Sloped Exterior Girder**

A standard 1:2 slope should be used for the exterior face of reinforced concrete or prestressed concrete box girders when the general configuration shown above is desired for architectural purposes. The 2:1 slope is relative to the slope of the deck surface to allow for superstructure falsework used for the girder stems to be reused for the deck construction (lost deck) whenever possible.

Typical sections on the plans should be dimensioned as shown below to obtain this slope. The slope will vary at superelevation transitions.



**Figure 8.3.2 Sloped Exterior Girder Dimensions**