

Design Step 4 – Design of Deck**Prestressed Concrete Bridge Design Example**

M_c = moment capacity of the base of the parapet given as 17.83 k-ft/ft.

When this moment is transmitted to the deck overhang it subjects the deck to negative moment.

For a complete railing design example that includes sample detailed calculations of railing parameters, see Lecture 16 of the participant notebook of the National Highway Institute Course No. 13061. 