

# Valmont Structures U-BEAM

## *Hot Dip Galvanized*

### Press Brake Formed Tub Girder

#### ***Advantages:***

Long life – projected service life 100 years with hot dip galvanized steel

Reduced road closure duration, reduced traffic delays – quick installation

Substantially lighter weight than concrete box beams allows use of smaller installation equipment

Economical compared to traditional concrete box beams:

- More than twice the projected service life -  
Best Return on Investment

*Standard delivery leadtime 10-12 weeks*

Multiple installation options:

- Pre-assembled modular units with *precast deck* ready for traffic in two days
- U-BEAM tub girders delivered to site for *cast-in-place deck*
- U-BEAM tub girders can be used to replace individual failing PPC Box Beams (profiles match box beams)
- U-BEAM tub girders and precast deck shipped separately for field assembly

Wide range of spans available: from 25' to 100', unlimited number of spans

Skews up to 45 degrees

Meets IDOT Specifications, plans and special provisions available for design reference

Follows AASHTO LRFD for HL-93 loading per AASHTO section 6.11 Box Section Flexural Members

Environmentally responsible and completely recyclable

Easy to follow and check Mathcad calculations

Valmont's Engineers will design a U-BEAM bridge to meet your parameters and provide a proposal and preliminary drawings at no charge and with no obligation

***Steel Press-Brake-Formed Tub Girders are an AASHTO 2021 Innovation Focus Technology!***