

ENGINEERED INFRASTRUCTURE: BRIDGES



Learn More

AASHTO DESIGN

Designed per AASHTO section 6.11
Box Section Flexural Members.

EXTENDED LIFE SPAN

100 years projected service life.

LIGHTER WEIGHT

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

REPAIRING OUR NATION'S BRIDGE INVENTORY WITH LONGER LIFE

REDUCED ROAD CLOSURE

Reduced road closure duration &
reduced traffic delays – quick installation.

BEST RETURN ON INVESTMENT

More than 2X the projected service
life. Best economical option compared to
traditional concrete box beams.

NORTHLAKE, IL

8" Cast in Place Concrete Deck on 18"
Valmont U-BEAM Tub Girders

CHAMPAIGN COUNTY, IL

The First Galvanized Cold Formed
Steel Tub Girder Bridge Solution in Illinois



TWG
INFRASTRUCTURE SOLUTIONS

valmont 
STRUCTURES

U-BEAM
complete bridge solution



MULTIPLE BRIDGE INSTALLATION OPTIONS:

- ✓ **CAST-IN-PLACE** Concrete Deck with a monopour surface - no joints
- ✓ **Pre-assembled Modular Deck Units** with PRE-CAST DECK ready for traffic in two days
- ✓ **Replace individual failing PPC Box Beams with a U-BEAM** (profiles match ppc box beams)
- ✓ Up to 100' per span.
- ✓ Unlimited number of spans.
- ✓ Up to 45-degree skew.



PRE-CAST BRIDGE DECK



CAST-IN-PLACE BRIDGE DECK



Greg Mitchel

PRODUCT SPECIALIST
TWG INFRASTRUCTURE
SOLUTIONS

VALMONT U-BEAM
COMPLETE BRIDGE SOLUTION

gmitchel@thewillgroup.com

630.634.2600



Melissa Islam

PRODUCT SPECIALIST
TWG INFRASTRUCTURE
SOLUTIONS

VALMONT U-BEAM
COMPLETE BRIDGE SOLUTION

mislam@thewillgroup.com

630.634.2600

