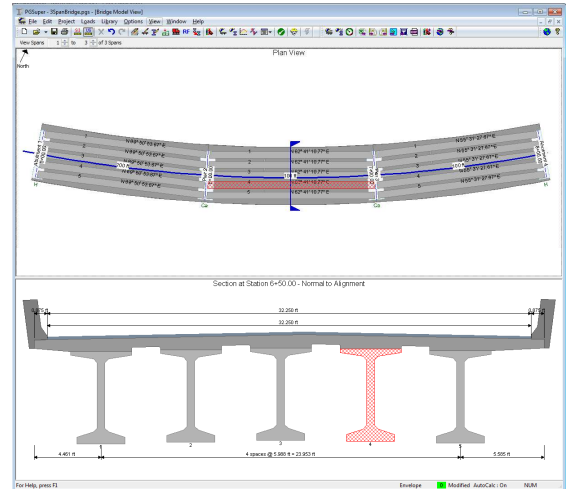


Precast-Prestressed Girder Bridge Design — Made Easier!

From concept through construction, PGSuper Professional is the most comprehensive and user-friendly AASHTO LRFD precast-prestressed girder bridge design, analysis and LRFR load rating software available.

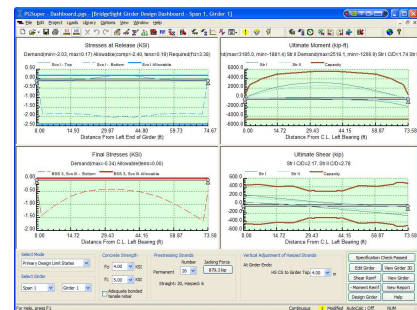


Let PGSuper Professional Guide You Through Your Most Complex Projects

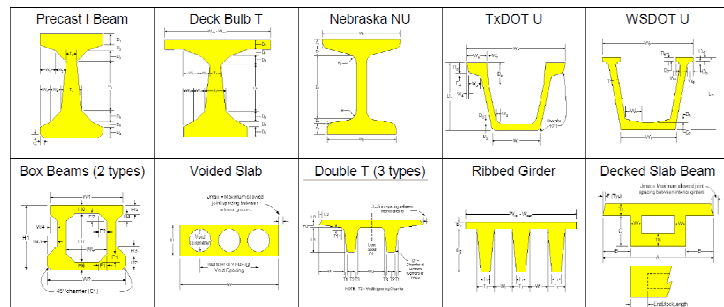
Girder Design Dashboard™

Be in control of the critical aspects of precast girder design in a single, intuitive view.

Instantly view analysis results of Strength and Service limit states as you change concrete strength, prestressing and mild steel reinforcement.



18 Parametric Girder Sections



PGSuper Features

- Comprehensive Specification Checking and Design
- AASHTO LRFD 1998-2017 Bridge Design
- AASHTO Manual for Bridge Evaluation, 1st Edition
- Harped/Straight/Debond/Raised Straight Strand Design
- Transverse Reinforcement Design and Checking
- User-Defined Dead Loads and Load Factors
- User-Defined Live loads for Design and Load Rating
- Lightweight or Normal Concrete
- AASHTO, lump sum, or Time Step loss computation
- Unlimited Spans, Simple Or Continuous
- Modeling Of Full Roadway and Superstructure Geometry
- Splayed and Non-Uniform Girders
- All Popular U.S. Prestressing Strand Types
- Lifting, Hauling and Many other Constructability Checks
- Powerful and Flexible Slab Haunch Design and Checking
- Gross or Transformed section properties
- US Or SI Units
- **And Much More....**

Exclusive Professional Features!!

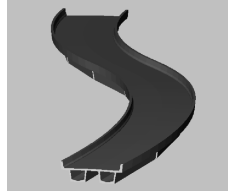
Bridge and Roadway Geometry

Avoid expensive roadway software.

Quickly compute roadway surface elevations and Bearing Seat Elevations

3D Visualization

View your structure from every angle with the powerful BridgeSight 3D Viewer using pan, zoom, and rotate features.

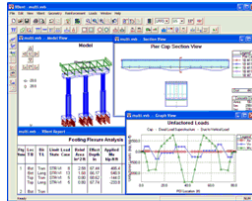


Enhanced Reporting

The **Moment Capacity Details Report** of PGSuper's strain compatibility analysis. Instantly get initial estimates for **Quantities**.

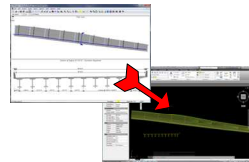
PGSuper To VBent

Export geometry and results into Viathor VBent for powerful integrated superstructure and substructure design.



DXF Export

Quickly create accurate plan and section views of your PGSuper bridge model. Export DXF 2000 files to AutoCAD, MicroStation, Visio, and many other programs.



Excel Export

Export analysis results directly into Microsoft Excel



Enhanced Library Management

Simplifies sharing library entries between PGSuper projects and Master libraries.

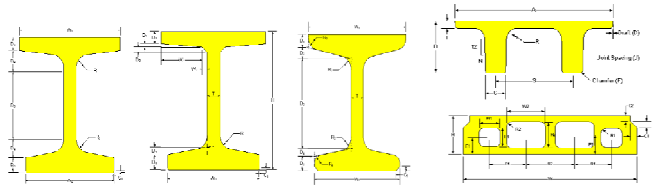
PGSuper To AASHTOWare

Design your precast superstructure, then export the bridge model to the AASHTOWare Bridge Database.



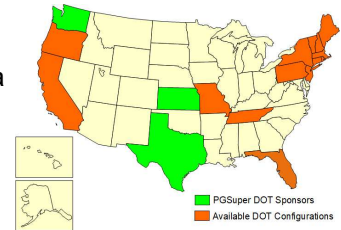
Pro-Only Girder Sections

- ◆ PCINE NEXT D & F Beam
- ◆ Florida I-Beam Shape
- ◆ Illinois I-Beam Shape
- ◆ Rectangular-Voided Slab



Get PGSuper For Your State!

Our growing online library of Professional PGSuper DOT Configurations puts a growing number of agency's standard girders and design policies just a few mouse clicks away.



Support

BridgeSight has been involved with the PGSuper project since its inception. Our engineers understand all aspects of the program so you'll be sure to get your questions answered quickly and correctly. PGSuper Professional customers receive rapid response to all of your PGSuper questions.

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