CONTECH ENGINEERED SOLUTIONS
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7993 FAX

Product Design Worksheet – Vehicular Truss Bridge

Email completed form to: info@conteches.com

Project Information

RUSH REQUEST: ☐

Date: _____ Respond By Date: _____ Site Drawings Available: _____ Specifications Available: _____

Project Name: _____ End Market/Land Use: _____ Application: _____

Project City: _____ State: _____ Project Zip Code: _____ Funding: _____

Design Status: ☐ _____% Complete ☐ Permitted ☐ Approved Deliverable: ☐ Drawing ☐ Cost Est. ☐ Scope Letter ☐ Quote

Bridge Geometry & Description

Style: _____ Bridge Width (ft): _____ Define Width: _____ Skew Angle: _____

Lane Widths (ft): _____ End Floor Beam: _____ Truss Finish: _____ # Travel Lanes: _____

Clearance Requirement (LxW, ft): _____ Length, Center to Center Bearing (ft): _____

Deck: _____ Max Top Deck to Low Steel (in): _____

Loading & Design Requirements

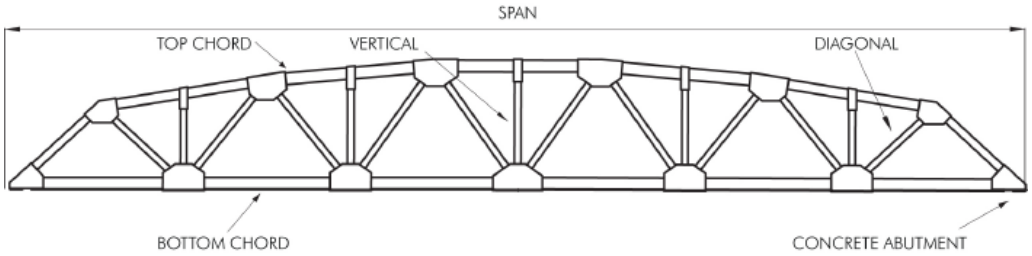
Live Load (psf): _____ Additional Dead Load (plf): _____ Design Code: _____

Accessories

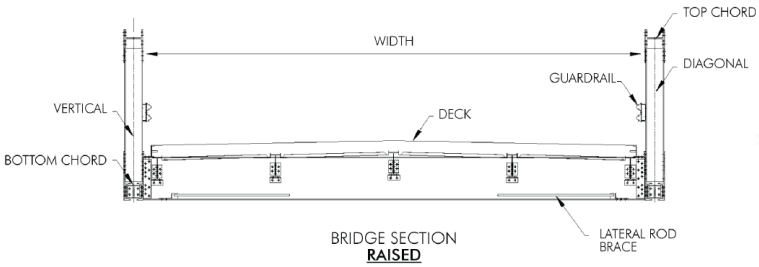
Guard Rail Placement: _____ Roadway Railing: _____ Sidewalk: _____

Sidewalks: _____ Sidewalk Width (ft): _____ Sidewalks Raised: _____

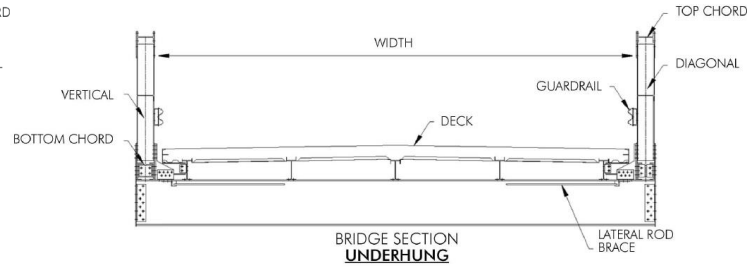
Sidewalk Flooring Type: _____ Sidewalk Railing Type: _____



BRIDGE ELEVATION
THE CAMBRIDGE



BRIDGE SECTION
RAISED



BRIDGE SECTION
UNDERHUNG

Notes (Assumptions, Challenges, Constraints, etc.)

_____

_____

_____

Contact Information

Name: _____ E-mail: _____

Company: _____ Phone: _____

Address: _____ Fax: _____

 CONTECH Project No.:_____ Region: _____ www.ContechES.com

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PROJECT INFORMATION		LOADING & DESIGN REQUIREMENTS	
End Market / Land Use	Municipal Golf Course Timber/Forest County Schools Hospital Industrial Railroad Airport Mining DOT Other (see notes)	Design Code	AASHTO (17th ed) AASHTO LRFD CALTRANS State Specifications
Application	"Signature" Entrance Other (see notes)		
BRIDGE GEOMETRY & DESCRIPTION		**ACCESSORIES**	
Style	Cambridge - Truss Cambridge Flat - Truss Viking - Truss Seneca – Truss Thru Truss Cortez - Beam Faux Truss - Beam	Roadway Railing	W Beam – Galvanized W Beam – Weathering Thrie Beam – Galvanized Thrie Beam – Weathering Tubular – Weather Tubular – Galvanized Timber Independent Rail System (IRS) Concrete Parapet
Truss Finish	Weathering Steel 2-Coat Paint 3-Coat Paint Galvanized Painted Weathering Painted Galvanized Primer Only	Sidewalk	Inside Truss Outside Truss None
Deck	Corrugated with Asphalt Corrugated with Concrete Timber – 3"x 4" SYP Timber – 3"x 6" SYP Open Grid SIP Forms with Concrete Concrete – No SIP Forms 6"x 12" – Douglas Fir 6"x 14" – Southern Yellow Pine Concrete Form Deck Grate Precast Plank Fiber Reinforced Plastic Other (see notes)	Sidewalk Flooring Type	Corrugated with Asphalt Corrugated with Concrete Timber – 3"x 4" SYP Timber – 3"x 6" SYP Open Grid SIP Forms with Concrete Concrete – No SIP Forms 6"x 12" – Douglas Fir 6"x 14" – Southern Yellow Pine Concrete Form Deck Grate Precast Plank Fiber Reinforced Plastic Other (see notes)
		Sidewalk Railing Type	Vertical Pickets Horizontal Angles Wire Mesh Multiline Horizontal Timber