







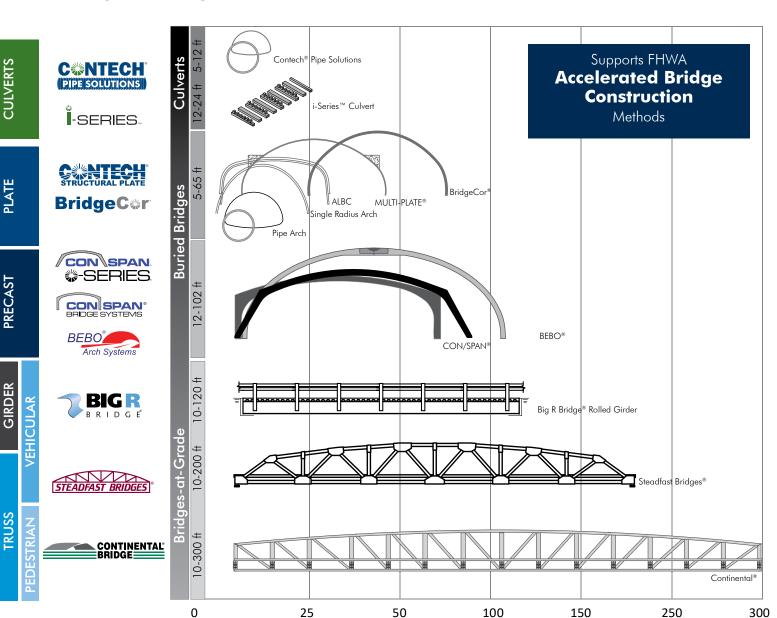


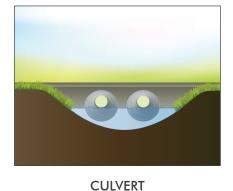


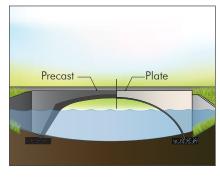
CROSSINGS. CULVERTS. BRIDGES. CONTECH.

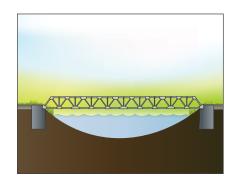
CROSSINGS. CULVERTS. BRIDGES. CONTECH.

Clear Span Bridges









BURIED BRIDGE

CLEAR SPAN (FT)

EXPERIENCE. LEADERSHIP. DIVERSITY.

Spanning America since 1931

OVER 90,000 INSTALLATIONS WORLDWIDE!

Contech Engineered Solutions provides a comprehensive array of plate, precast, and truss structures, with the best-known brands available worldwide. Contech bridges - vehicular and pedestrian - fit a wide variety of applications, spanning distances from five to 300 feet and more. These bridge brands include Contech Structural Plate, CON/SPAN®, BEBO®, Continental®, Steadfast Bridges®, and Big R Bridge®.

Experience, innovative thinking and exceptional service have put more than 90,000 Contech bridge installations on the map worldwide.

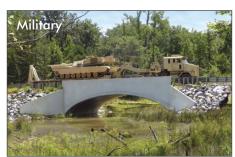
Markets





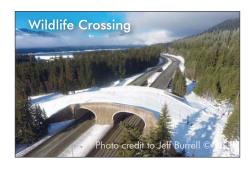






















Steel Structural Plate & Box Culvert



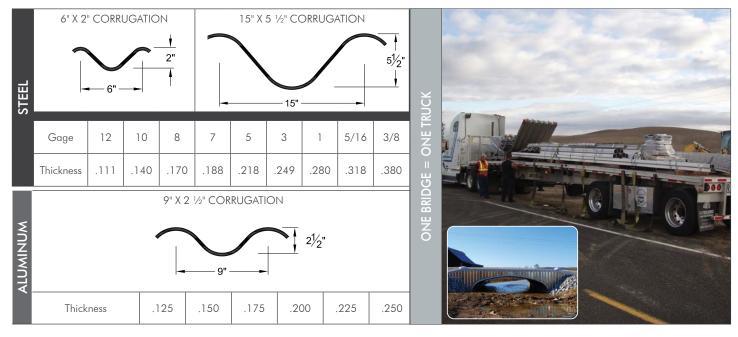
Aluminum Structural Plate & Box Culvert



STRENGTH. VERSATILITY. ECONOMY. PLATE.

Strength

Freight Economy



Lightweight. Bolted Plate Construction Process.



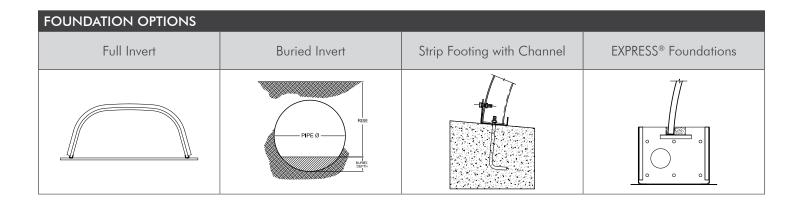




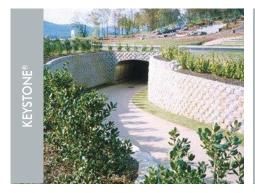


STRENGTH. VERSATILITY. ECONOMY. PLATE.

Foundations



End Treatments







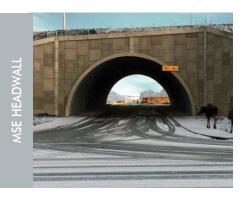
















Shape Versatility

SHAPES			STRUCTURE SIZ MULTI-PLATE® 6" x 2" Steel	ZE RANGES - INSIDE SPAN BridgeCor® 15" x 5.5" Steel	X RISE ALSP 9" x 2.5" Aluminum
		min.	5'-0"	19'-11"	6'-0"
Round		max.	26'-0"	50'-6"	21'-0"
V LEII.		min.	4'-8" x 5'-2"		4'-8" x 5'-2"
Vertical Ellipse		max.	25'-0" x 27'-8"		20'-1" x 22'-3"
		min.	12'-2" x 11'-0"		12'-1" x 11'-0"
Underpass		max.	20'-4" x 17'-9"		20'-5" x 17'-9"
C. I D I. A I		min.	6'-0" x 1'-10"	19'-7" x 9'-9"	5'-0" x 1'-9"
Single Radius Arch		max.	26'0" x 13'1"	54'-4" x 27'-2"	23'-0" x 11'-11"
T. D. I. A. I.		min.		18'-5" x 8'-4"	
Two Radius Arch		max.		50'-7" x 19'-11"	
11 1511		min.	7'-4" x 5'-6"		9'-2" x 6'-8"
Horizontal Ellipse		max.	14'-11" x 11'-2"		14'-11" x 11'-2"
Din a Augla		min.	6'-1" x 4'-7"		6'-7" x 5'-8"
Pipe Arch		max.	20'-7" x 13'-2"		21'-11" x 14'-11"
Low-Profile Arch		min.	19'-5" x 6'-9"		19'-5" x 6'-9"
SUPER-SPAN™ / SUPER-PLATE®		max.	45'-0" x 18'-8"		38'-8" x 15'-9"
High Profile Arch		min.	20'-1" x 9'-1"		20'-1" x 9'-1"
SUPER-SPAN™ / SUPER-PLATE®		max.	35'-4" x 20'-0"		35'-5" x 20'-0"
Horizontal Ellipse		min.	19'-4" x 12'-9"		19'-4" x 12'-9"
SUPER-SPAN™ / SUPER-PLATE®		max.	37'-2" x 22'-2"		37'-3" x 22'-2"
Pear-Arch		min.	23'-11" x 23'-4"		
SUPER-SPAN™		max.	30'4" x 25'10"		
Pear		min.	23'-8" x 25'-5"		
SUPER-SPAN™		max.	29'-11" x 31'-3"		
D. C. L.		min.		17'-6" x 6'-10"	8'-9" x 2'-6"
Box Culvert	/ /	max.		35'-4" x 13'-11"	35'-3" x 13'-7"

Custom sizes and shapes are available.

Not available.

^{*} For more details on Contech's complete structural plate offering, please consult the current edition of the Structural Plate Design Guide.



SERIES. Precast Arch Bridge System













Precast Arch Bridge System





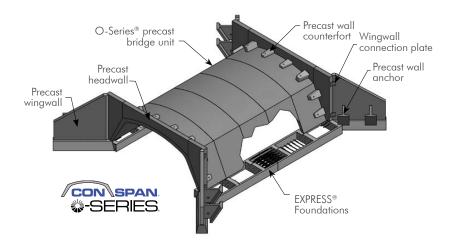


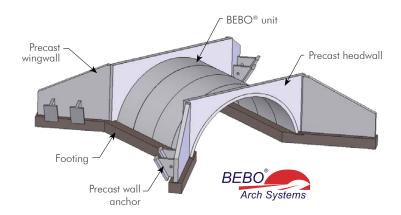




MODULAR. EFFICIENT. COMPLETE. PRECAST ARCH.

Modular Components





Installation













MODULAR. EFFICIENT. COMPLETE. PRECAST ARCH.

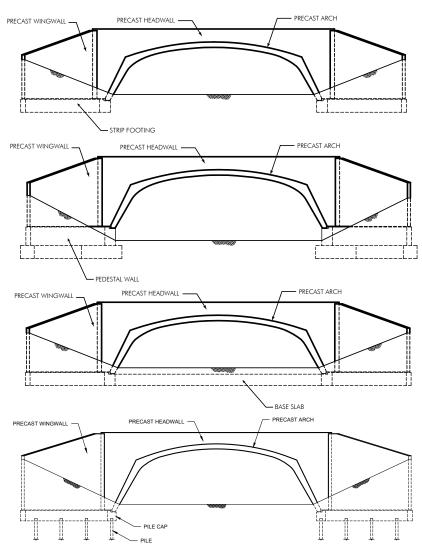
Foundations



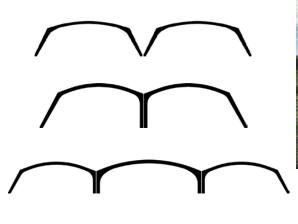








Multiple cell configurations

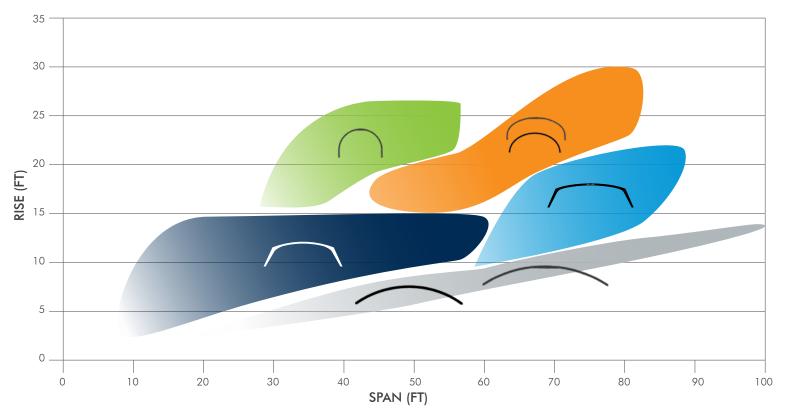








Shape Versatility



STRUCTURE			APPLICATIONS	SPAN RANGE (FT)	RISE RANGE (FT)	WATERWAY RANGE (SF)		
PAN®*		O-Series®	Series®		Hydraulics, clear spans, grade separations	13 - 65	3.23 - 13.77	33 - 685
CON/SPAN®*		O-Series® Twin Leaf			Longer span hydraulics, clear spans, grade separations	66 - 87	10.50 - 20.95	550 - 1442
		C-Series Twin Leaf	/ \		Grade separation, high rise, high covers	29.33 - 54	11.33 - 26.33	260 - 1140
BEBO®		E-Series			Arch shape, clearance box, aesthetics	11.17 - 47.75	3.5 - 13.5	28 - 479
		E-Series Twin Leaf			High rise, large span, grade separation	53.58 - 84	14 - 29.83	588 - 2076
		T-Series			Low clearance crossings	22 - 62	2.60 - 9	39 - 377
		T-Series Twin Leaf			Large spans with good soil conditions	64 - 102	7.42 - 13.67	340 - 982
	Available for limited applications.							

^{*} For additional shape information, please consult the Precast Waterway Charts Overview.



Pedestrian Truss Bridges





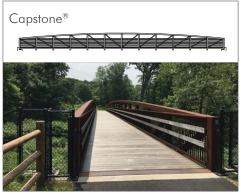






Continental® Pedestrian Truss Styles*













*Custom styling is available to make your project a reality (e.g. skywalks, cable-stayed bridges).

PEDESTRIAN. SIGNATURE. AESTHETIC.

Continental® Signature Designs





Rolled Girders











Big R EXPRESS® Modular Bridges

STANDARD FEATURES

- Single lane, modular bridge with a longitudinal splice
- Heavy duty loading (AASHTO HL-93 and U-80 offhighway trucks)
- Weathering steel structural members in stock
- 4.25" 9-gage galvanized Big R Bridge Deck
- Precast sills available
- Available in standard EXPRESS sizes
 - Drawings typically available in one week
 - Generally, ready to ship in one month

7'-0" OR 8'-0"	0R 16'-0"
	© BRIDGE
ASPHALT OR COAD BASE	CONCRETE TIMBER PLANKS
	· · · · · · · · · · · · · · · · · · ·
ROLLED GIRDER	
MODULE 1	MODULE 2

^{* * 12&#}x27; Bridges come in one - 3 girder module 18' Bridges come in one- 3 girder module & one - 2 girder module

EXPRESS	BRIDGE WIDTHS					
ATTRIBUTES	12'	14'	*16'	18'		
Standard Spans (5' Incr.)	30' - 60'	30' - 80'	30' - 80'	30' - 60'		
Number of Rolled Girders	3	4	4	5		
Number of Modules	1	2	2	2		
Longitudinal Splice	No	Yes	Yes	Yes		

^{*}Seasonal stock typically available in 40', 50' and 60' spans.



VEHICULAR. ROLLED GIRDERS.

Big R Site-Specific Modular Bridges

CUSTOMIZABLE TO MEET ANY SITE NEEDS



DESIGN ACCOMMODATES

- AASHTO IRFD
- HL-93 vehicular loading
- State DOT requirements
- Customer-specified vehicle
- Any rail or decking type
- Shipped in 2 or 3 beam modules

GUARDRAIL OPTIONS







DECK TYPES







INSTALLATION AND ASSEMBLY OPTIONS



COMPONENT/KIT ASSEMBLY ALSO AVAILABLE AS A CONSTRUCTION OPTION



Vehicular Truss Bridges











Steadfast Bridges® Vehicular Truss Styles

















Efficient. Economical. Timeless Designs.









Deck, Finish & Rail Options

DECK















Weathering Steel

Painted Steel

Cast-in-Place

Galvanized Steel*

TrussCoat® Duplex Coating

RAIL











Mesh Panels/Wood Rub Rail Vertical Picket/Pipe Handrail

*Exclusive 35-year galvanized rust free warranty for vehicular truss. **Available for vehicular truss options only.

EXPRESS®

Foundations Speed of precast. Economy of cast-in-place.











EXPRESS® Foundations

Efficiencies of steel. Economy of cast-in-place.



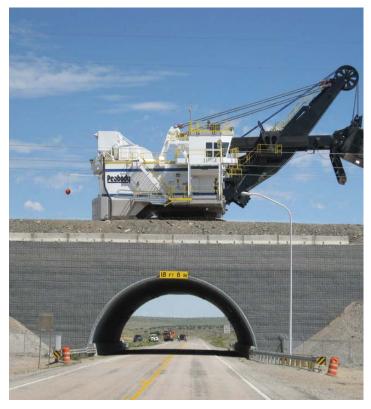


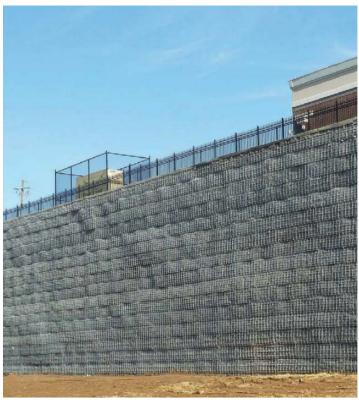
All precast EXPRESS Foundations are applicable to plate, precast, truss, and girder bridge solutions. Steel EXPRESS Foundations are available for strip footing foundations for truss, girder and plate structures.

WALL SYSTEMS.



Vist-A-Wall® Wire Walls.





Vist-A-Wall Wire Walls are available as temporary or permanent solutions.

Vist-A-Wall® Precast Panel MSE Wall System





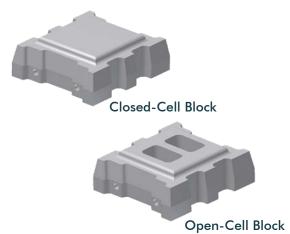
Featuring the Grid-Strip $^{\text{\tiny{TM}}}$ Soil Reinforcement System.

HARD ARMOR. ARMORTEC.



ArmorFlex®

ARTICULATING CONCRETE BLOCKS



A-Jacks®

CONCRETE ARMOR UNITS



















SPECIALTY PRODUCTS.

Contech Tunnel Liner Plate











Bin-Wall



Marine Bin-Wall



Bin-Wall/Blast Wall



Bridge Plank



Metric Sheeting



Cattle Guards



PROCESS - DESIGN SUPPORT. PREFABRICATION. INSTALL.







FOUNDATIONS





- Strip footings
- Pedestal walls
- Deep foundations
- Base slab



TRANSPORTATION













SYSTEM ELEMENTS





END TREATMENTS

- CON/SPAN® Anchorwall
- Aluminum Headwall
- Welded Wire Wall













PROJECT PARTNER. CONTECH.

Options & Support Specific to Your Project Needs





Provide



DYOB® (DESIGN YOUR OWN BRIDGE) Design Your Own Bridge To get started, choose a structure type: MULTI-PLATE Aluminum CON/SPAN Steadfast **Rox Culvert** SUPER-SPAN **BFBO** Continental DYO Plate DYO ALBC **DYO Precast DYO Truss**

www.ContechES.com/dyob

DRAWINGS & TECHNICAL SUPPORT

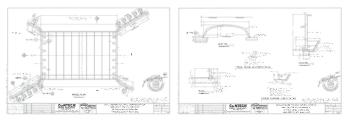
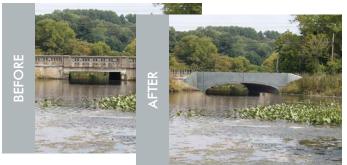


PHOTO SIMULATION





Contech® Engineered Solutions provides innovative, cost-effective site solutions to engineers, contractors and developers on projects across North America. Our portfolio includes bridges, drainage, erosion control, retaining wall, sanitary sewer and stormwater management products.







STRUCTURE SOLUTIONS





















For more information, call one of Contech's Regional Offices located in the following cities:

Corporate Office - Ohio (Cincinnati) 513-645-7000 800-548-4667 California (Roseville) 720-587-2700 Colorado (Denver) 321-348-3520 Florida (Orlando) 207-885-9830 Maine (Scarborough) 410-740-8490 Maryland (Baltimore) 503-258-3180 Oregon (Portland) Texas (Dallas) 972-590-2000

NOTHING IN THIS CATALOG SHOULD BE CONSTRUED AS A WARRANTY. APPLICATIONS SUGGESTED HEREIT ARE DESCRIBED ONLY TO HELP READERS MAKE THEIR OWN EVALUATIONS AND DECISIONS, AND ARE NEITHER GUARANTEES NOR WARRANTIES OF SUITABILITY FOR ANY APPLICATION. CONTECH MAKES NO WARRANTY WHATSOEVER, EXPRESS OR IMPLIED, RELATED TO THE APPLICATIONS, MATERIALS, COATINGS, OR PRODUCTS DISCUSSED HEREIN. ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND ALL IMPLIED WARRANTIES OF FITNESS FOR ANY PARTICULAR PURPOSE ARE DISCLAIMED BY CONTECH. SEE CONTECH'S CONDITIONS OF SALE (AVAILABLE AT WWW.CONTECHES.COM/COS) FOR MORE INFORMATION.

www.ContechES.com 800-338-1122









