



Towns Association May 1st, 2024



CONTECH – Your single source provider



- Drainage
- Relining Existing Structures
- Bridge
- Erosion Control
- Stormwater

- Total Site Solutions Company
- Unrivalled Technical Support and Service



CLEAR SPAN BRIDGES

Contech[®] Pipe Solutions

i-Series[™] Culvert

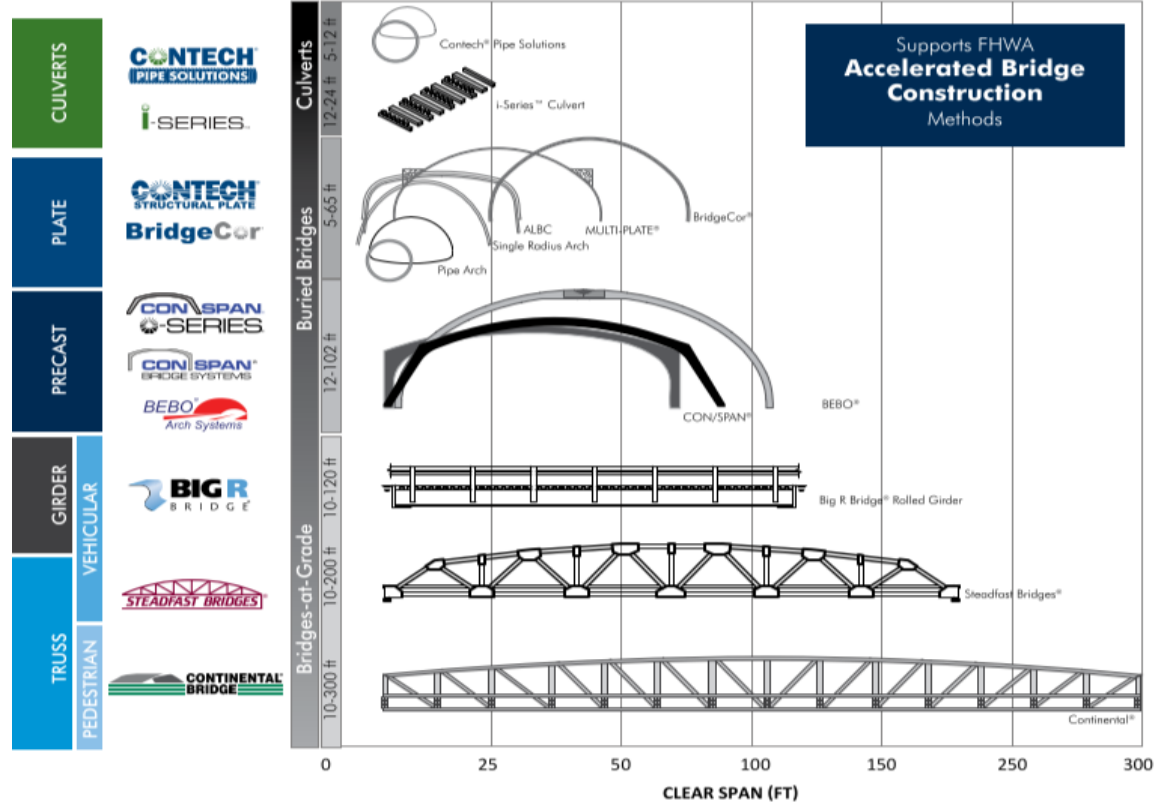
MULTI-PLATE[®]
Aluminum Structural Plate
Aluminum Box Culvert
SUPER-SPAN[™]
SUPER-PLATE[®]
BridgeCor[®]

CON/SPAN[®] O-Series[®]
CON/SPAN[®]
BEBO[®]

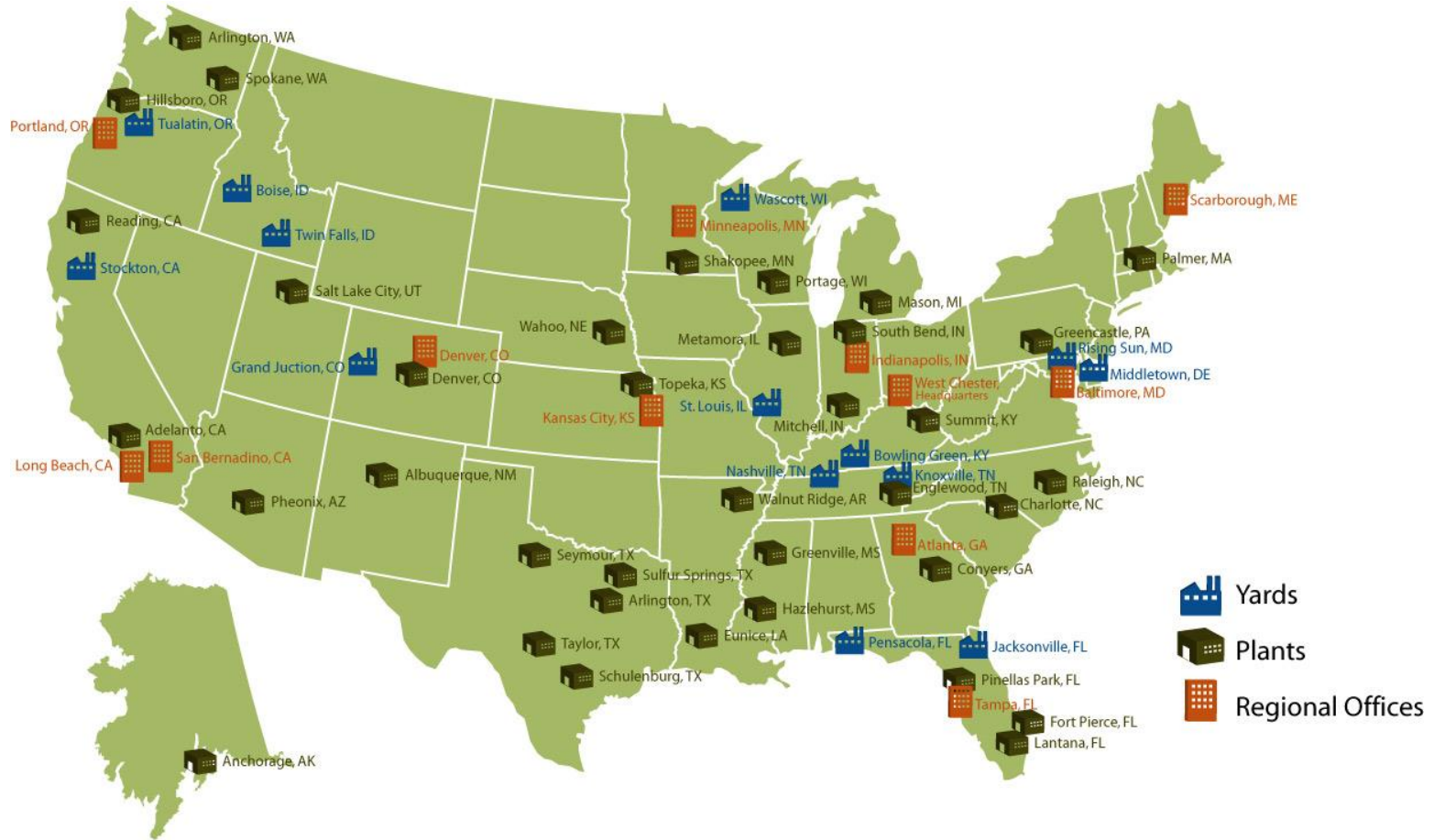
Big R Bridges[®]
(Rolled Girder)

Steadfast Bridges[®] (Vehicular)

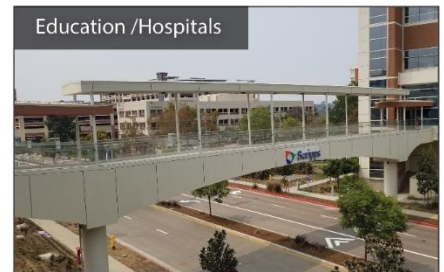
Continental[®] Bridges (Pedestrian)



Nationwide Network of Support



MARKETS SERVED/APPLICATIONS

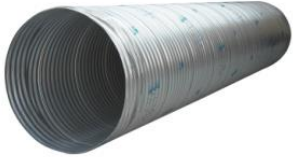


Welcome to the
CONTECH[®]
ENGINEERED SOLUTIONS

Culvert Pipe
Bridge / Large Culverts
Relining Existing Structures



Pipe Coating Alternatives



Galvanized Steel Pipe

35-45 Years
pH 6-10



ALUMINIZED STEEL™ Type II

75-100 Years
pH 4-11

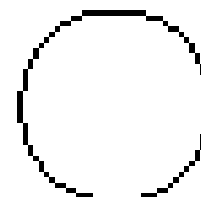


Polymer-Coated Corrugated Steel Pipe

75-100 Years
pH 3-12

2-2/3" x 1/2" Height-of-Cover Limits for Corrugated Steel Pipe

H 20 and H 25 Live Loads



H 20 and H 25 Live Loads

Diameter Minimum or Span, Inches	Cover, Inches	Maximum Cover, Feet ⁽¹⁾					
		Specified Thickness, Inches					
		0.052	0.064	0.079	0.109	0.138	0.168
6 ⁽¹⁾	12	388	486				
8 ⁽¹⁾		291	365				
10 ⁽¹⁾		233	392				
12		198	248	310			
15		158	199	248			
18		132	166	207			
21		113	142	178	249		
24		99	124	155	218		
30		79	99	124	174		
36		66	83	103	145	186	
42		56	71	88	124	160	195
48			62	77	109	140	171
54				66	93	122	150
60					79	104	128
66					68	88	109
72						75	93
78							79
84	12					66	

Size	
Round	Sp
Equivalent, Inches	
15	
18	
21	
24	
30	
36	
42	
48	
54	
60	
66	
72	



BAY 2
CLEARANCE 13'

6" dia. to 144" Dia.











Lincoln County – CTH C



Kewaunee County – 65' Long Pipe Arch

04/19/2010



Concrete

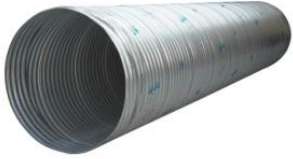
VS

HDPE

VS

Poly Coated CMP

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WEIGHT
LIMIT
10
TONS
BY ORDER OF
WIS. DEPT. OF TRANSPORTATION



What do you do at this point?





Plate:

- MULTI-PLATE[®]/Aluminum Structural Plate
- Aluminum Box Culvert
- SUPER-SPAN[™]/SUPER-PLATE[®]



Precast:

- CON/SPAN[®]
- BEBO[®]















Relining:

- Pipe, Plate
- Structures





Shapes		Sizes — Span x Rise
Round		5' to 26'
Vertical Ellipse		4'8" x 5'2" to 25' x 27'7"
Underpass		12'2" x 11'0" to 20'4" x 17'9"
Pipe-Arch		6'1" x 4'7" to 20'7" x 13'2"
Horizontal Ellipse		7'4" x 5'6" to 14'11" x 11'2"
Arch (single radius)		5' x 1'9" to 25' x 12'6"
Low-Profile Arch *		20'1" x 7'6" to 45'0" x 18'8"
High-Profile Arch *		20'1" x 9'1" to 35'4" x 20'0"
Pear-Arch		23'11" x 23'4" to 30'4" x 25'10"
Pear		23'8" x 25'5" to 29'11" x 31'3"
Horizontal Ellipse		19'4" x 12'9" to 37'2" x 22'2"
Box Culvert		8'9" x 2'6" to 35'3" x 13'7"



**Structural
Plate
Design
Guide**

7th Edition



MULTI-PLATE[®]

Aluminum Structural Plate

Aluminum Box Culvert

SUPER-SPAN[™]

SUPER-PLATE[®]

BridgeCor[®]



BENSON 524 A

303























