LBFoster®

STEEL CONSTRUCTION PRODUCTS

2019

For the past 117 years, L.B. Foster Company (NASDAQ: FSTR) has delivered the products necessary to build and maintain our nation's infrastructure. Today, we remain a quality manufacturer, fabricator and distributor of products for the transportation, construction, utility and energy industries.

"This brochure presents innovative products born from advanced engineering, quality workmanship, and more than a century of experience. The L.B. Foster team of skilled construction professionals stand ready to provide the technical expertise and material logistics required for your next project."

Greg Goad, Vice President- Steel Construction Products

Southport Turning Notch Extension Project
Port Everglades, Fort Lauderdale, Florida

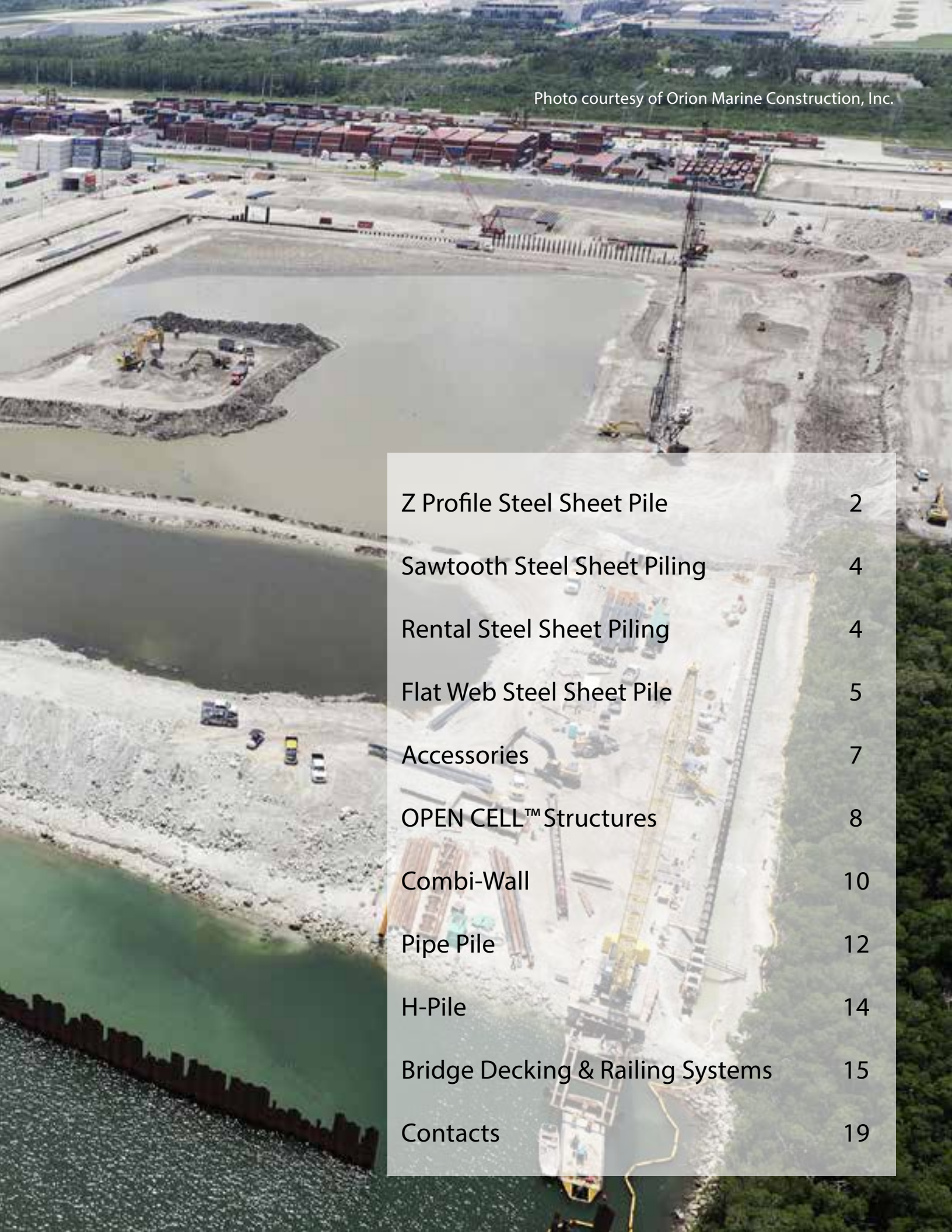


Photo courtesy of Orion Marine Construction, Inc.

Z Sheet Pile

The innovative PZC™ series of steel sheet piling is domestically manufactured to be wider, lighter and stronger than traditional PZ piling.

PZC sheet piling is made wider than PZ sections to maximize job site production in setting and driving. They are lighter than PZ piling to minimize the required amount of steel needed for project installation. PZC sections are stronger per pound than PZ sections in both section modulus and moment of inertia.

Gerdau is a Member of the US Green Building Council, and reports information necessary to support earning credits as specified in the Leadership in Energy and Environmental Design (LEED) green building rating system.

The LEED rating system is intended for building projects, and may not apply to projects that utilize Z-Pile.

LEED encourages responsible global adoption of sustainable green building and development practices through the creation and implementation of universally understood and accepted tools and performance criteria provided below:

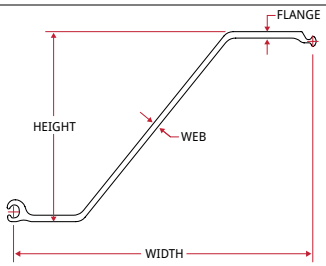
The following table presents the data for post-consumer, pre-consumer, total recycled content and other iron units by plant location for the year 2017.

Plant Location	Post-Consumer Scrap Content %	Pre-Consumer Scrap Content %	Total Recycled Content %	Other Iron Units and Ferro-alloys Content %
Midlothian, TX	86.0	3.0	99	1
Petersburg, VA	81.5	6.6	99	1

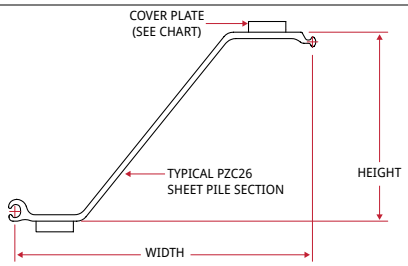
Chevron Global Lubricants, Port Arthur, TX

Burns Harbor, Port of Indiana, Portage, IN

Z Pile Profile



Cover Plated Z Profile



Section	Width+	Height+	Thickness		Weight		Moment of Inertia		Section Modulus		Nominal Coating Area*
			Web	Flange	Pile	Wall			Elastic	Plastic	
	in.	*in.*	*in.*	*in.*	*lb / lft*	*lb / ft²*	*in⁴*	*in⁴ / ft*	*in³/ft*	*in³ / ft*	*ft² / lft*
	mm	*mm*	*mm*	*mm*	*kg/lm*	*kg/m²*	*cm⁴*	*cm⁴ /m*	*cm³/m*	*cm³ /m*	*m² / lm*
PZC 13	**27.88**	**12.56**	**0.375**	**0.375**	**50.4**	**21.7**	**353.0**	**152.0**	**24.2**	**28.8**	**5.60**
	708	**319**	**9.5**	**9.5**	**75.1**	**106.0**	**14,690**	**20,760**	**1,300**	**1,546**	**1.71**
PZC 14	27.88	12.60	0.420	0.420	55.0	23.7	381.6	164.3	26.0	31.3	5.60
	708	320	10.7	10.7	81.8	115.5	15,890	22,440	1,400	1,682	1.71
PZC 18	**25.00**	**15.25**	**0.375**	**0.375**	**50.4**	**24.30**	**532.2**	**255.5**	**33.5**	**39.5**	**5.60**
	635	**387**	**9.5**	**9.5**	**75.1**	**118.2**	**22,150**	**34,890**	**1,800**	**2,122**	**1.71**
PZC 19	25.00	15.30	0.420	0.420	55.0	26.4	576.3	276.6	36.1	42.8	5.60
	635	388	10.7	10.7	81.8	128.8	23,990	37,780	1,945	2,301	1.71
PZC 25	27.88	17.66	0.485	0.560	69.4	29.9	938.7	404.1	45.7	54.6	6.15
	708	449	12.3	14.2	103.3	145.9	39,070	55,190	2,455	2,942	1.87
PZC 26	**27.88**	**17.70**	**0.525**	**0.600**	**73.9**	**31.8**	**994.3**	**428.1**	**48.4**	**57.9**	**6.15**
	708	**450**	**13.3**	**15.2**	**110.0**	**155.4**	**41,390**	**58,460**	**2,600**	**3,120**	**1.87**
PZC 28	27.88	17.75	0.570	0.645	79.0	34.0	1,057	455.1	51.3	61.7	6.15
	708	451	14.5	16.4	117.6	166.1	44,000	62,150	2,755	3,324	1.87

Available Grades: ASTM A572 Gr. 50 and 60, A588 and A690

+Values stated are nominal

* Both sides of sheet: excludes socket interior and ball interlock

Section	Normal Width	Plate Size (Minimum)	Per Single Section				Per Unit of Wall			
			Area	Weight	Total Surface Area	Nominal Coating Area*	Weight		Moment of Inertia	Section Modulus
							Full Length Plates	Half Length Plates		
	in.	*in.*	*in²*	*lb / ft*	*ft² / lin ft*	*ft² / lin ft*	*lb / ft²*	*lb / ft²*	*in⁴ / ft*	*in³ / ft*
	mm	*mm*	*cm²*	*kg / m*	*m² / m*	*m² / m*	*kg / m²*	*kg / m²*	*cm⁴ / m*	*cm³ / m*
PZC 38-CP (PZC26)	**27.88**	**3.5 x 1.00**	**28.72**	**97.7**	**6.98**	**5.48**	**42.1**	**36.9**	**691.4**	**70.2**
	708	89 x 25	185.3	145.3	2.13	1.67	205.6	180.2	94,420	3,770
PZC 39-CP (PZC26)	**27.88**	**3.5 x 1.125**	**29.60**	**100.6**	**7.03**	**6.53**	**43.3**	**37.6**	**728.3**	**73.0**
	708	89 x 29	191.0	149.7	2.14	1.99	211.4	183.6	99,460	3,930
PZC 41-CP (PZC26)	**27.88**	**3.0 x 1.500**	**30.70**	**105.7**	**7.07**	**6.57**	**45.3**	**38.8**	**782.7**	**75.6**
	708	76 x 38	198.1	157.3	2.15	2.00	221.2	189.4	106,888	4,060

* Excludes socket interior and ball interlock

Available Grades: ASTM A572 Gr. 50

- Best economy is obtained when plate length is limited to area of high moment.
- Filet weld should be sized to adequately resist design loads and should be continuous and all around.
- Cover plate length depends upon bending moment curve.
- Weld requirements should be specified by design engineer.

Sawtooth Steel Sheet Piling

Section	Nominal Width	Wall Depth (Height)	Web Thickness	Flange Thickness	Per Single Section: Area	Weight	Moment of Inertia	Section Modulus	Total Surface Area	Nominal Coating Area*	Per Unit of Wall: Area	Weight	Moment of Inertia	Section Modulus
	in.	*in.*	*in.*	*in.*	*in²*	*lbs /ft*	*in⁴*	*in²*	*ft² / ft*	*ft² / ft*	*in²/ft*	*lbs/ft²*	*in⁴/ft*	*in³/ft*
	mm	*mm*	*mm*	*mm*	*cm²*	*kg /m*	*cm⁴*	*cm²*	*m² / m*	*m² / m*	*cm²/m*	*kg/m²*	*cm⁴/m*	*cm³/m*
PZC 13	**29.86**	**6.64**	**0.375**	**0.375**	**14.82**	**50.4**	**49.9**	**14.9**	**6.10**	**5.60**	**5.96**	**20.0**	**20.0**	**6.0**
	759	**169**	**9.5**	**9.5**	**95.6**	**75.1**	**2,075**	**245**	**1.86**	**1.71**	**126.1**	**99.0**	**2,735**	**325**
PZC 18	28.37	8.14	0.375	0.375	14.82	50.4	74.7	18.1	6.10	5.60	6.27	21.3	31.6	7.7
	721	207	9.5	9.5	95.6	75.1	3,110	300	1.86	1.71	132.7	104.2	4,315	415
PZC 26	**32.07**	**8.43**	**0.525**	**0.600**	**21.72**	**73.9**	**115.5**	**27.4**	**6.65**	**6.15**	**8.13**	**27.7**	**43.2**	**10.2**
	815	**214**	**13.3**	**15.2**	**140.1**	**110.0**	**4,810**	**450**	**2.03**	**1.87**	**172.1**	**135.0**	**5,905**	**550**

*Both sides of sheet; excludes socket interior and ball interlock

PZC Sheet Pile Rental

Benefits to renting PZC sheet pile:

- Made in the USA.
- Low initial cost.
- Strategic stocking locations throughout the U.S.
- Interlocks warranted to be continuous and reasonably free-sliding to grade when threaded.
- Contractor preferred ball & socket interlocks.
- Wider, lighter, stronger PZC sheet pile maximizes job site efficiency.
- Why buy when you can RENT?

Flat Web Sheet Pile

L.B. Foster distributes domestically produced Gerdau PS 27.5 and PS 31 steel flat web sheets. Compared to Z-Pile, PS sheet pile load resistance is transferred through tension rather than through bending moment strength.

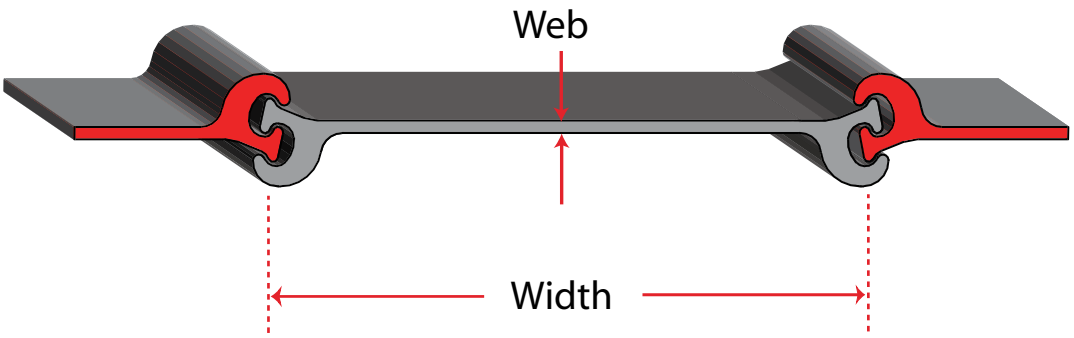
Flat sheets are typically used for circular cellular structure designs. This innovative mass gravity system transfers hoop stress into the flat sheets, which then transfers the load uniformly into the interlock.

This PS Thumb & Finger (T&F) interlock is a three-point contact connection that has a long proven history and has provided superior pull strength to withstand the large forces associated with high retaining structures in both land and deep water.

Panama Canal Expansion, Panama

PS Thumb & Finger Interlock

IHNC at Seabrook, New Orleans, LA



Available Grades: ASTM A572 Gr. 50 and 60, A588 and A690

Dimensions and Properties

Section	Width+	Web Thickness+	Weight		Moment of Inertia		Section Modulus		Nominal Coating Area*
	in.	in.	lb/lft	lb/ft^2	in^4	in^4/wft	in^3	in^3/wft	ft^2/lft
	mm	mm	kg/lm	kg/m^2	cm^4	cm^4/wm	cm^3	cm^3/wm	m^2/lm
PS 27.5	19.69	0.40	45.1	27.5	5.0	3.0	3.2	1.9	3.64
	500	10.2	67.1	134.2	207	414	52	103	1.11
PS 31	19.69	0.50	50.9	31.0	5.0	3.0	3.2	1.9	3.64
	500	12.7	75.7	151.4	207	414	52	103	1.11

+Values stated are nominal.

Both sides of sheet: excludes interior of interlock.

Grade	Minimum Interlock Strength(1)	Minimum Swing (2)
A328	16 kips/in. (2,800 kN/m)	10 degrees
A572-50	20 kips/in. (3,500 kN/m)	10 degrees
A572-60	24 kips/in. (4,200 kN/m)	10 degrees

Higher interlock strengths are available but obtainable swing may be reduced in interlock strengths above 24 kips/in (4,200 kN/m).

(1) These minimum ultimate interlock strengths assume proper interlocking of sheets. To verify the strength of PS sheet piling, both yielding of the web and failure of the interlock should be considered.

(2) Swing reduces 1.5 degrees for each 10 feet (3 meters) in length over 70 feet (21 meters).

Sitran Coal Transfer Facility, Mount Vernon, IN

L.B. Foster Provides a Full Line of Piling Enhancements

Pipe Pile Points and Shoes

Sheet Pile Protectors

Services such as:

Coating

- Coal Tar Epoxy
- Fusion Bond (pipe)
- Galvanizing
- Thermal Zinc Spray

Cut to Length Pile for Orders

Pairing of PZC Pile

Truck / Rail / Barge Delivery

Interlock Sealant

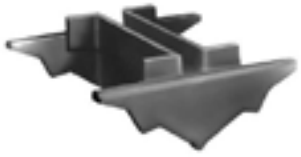
Accessories

- Cutting Shoes
- Conical Points
- Backing Rings
- Splicers
- Steel Sheet Pile
- Channel Cap

Rental of Z-Pile

and much more...

HP Splicers and Points



OPEN CELL SHEET PILE™ System

The PND patented design OPEN CELL™ bulkhead delivers proven performance even under extreme conditions.

- High load capacity
- Minimal toe embedment required
- Soft soils applicability
- Accommodates long-term settlement
- Corrosion resistance
- Insensitive to scour
- Deep water (wall height 60'+)
- Seismic conditions
- Cofferdams and heavy shoring
- Contaminated soils containment
- High capacity bridge abutments

Cates Landing Intermodal Ports Authority, Tiptonville, TN
(Shown during construction prior to installation of face beam and fenders.)

USACE Permanent Canal Closures and Pumps Project, New Orleans, LA

Pictures courtesy of:

PND ENGINEERS, INC.

PND Engineers holds patents; #US-6,715,964 B2, #US-7,488,140 B2 and #US-8,950,981 B2 on the OPEN CELL system.

Tri-City Port Authority-America's Central Port, Granite City, IL

The OPEN CELL bulkhead, used primarily on docks and similar structures, is a cellular flat sheet pile structure in which each cell's sheet piles are driven in the shape of a 'U' when viewed from above. The system functions as a horizontally tied membrane relying solely on the vertical flat sheet pile anchor wall to restrain a curved flat sheet pile arch face. The bulkhead becomes a series of U-shaped vertical member structures that does not require toe embedment for stability.

The OPEN CELL structure is simply constructed using PS flat sheet pile.

The standard 120° wye pile is supplied using extruded connectors or fabricated wye piles can be made from PS sheets to accommodate project conditions. The anchor pile is made with an extruded connector attached to either a H-pile or pipe pile.

Gerdau PS sheet pile is the ideal material for the OPEN CELL system application because it provides high interlock tolerances and swing angles, while maintaining the necessary strength.

Cheniere Energy, Sabine Pass, LA

Combi-Wall Systems

L.B. Foster Company is dedicated to providing the most efficient combi-wall system for your needs utilizing a variety of components.

Using wide–flange beams or pipe piles along with extruded connectors and PZC™ sheet pile from Gerdau, L.B. Foster is able to provide an efficient solution to meet your project requirements.

L.B. Foster combi-wall systems have a range in section modulus of 50 in^3/ft. to over 1,000 in^3/ft. Domestic systems (100% melted and manufactured in the USA) are available.

Herbert Hoover Dam, Martin & Palm Beach Counties, FL

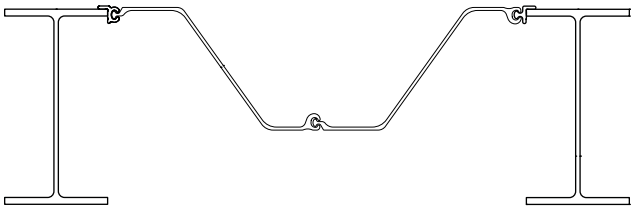
Freeport Water Authority, Sacramento, CA

Cabrillo Way Marina, San Pedro, CA

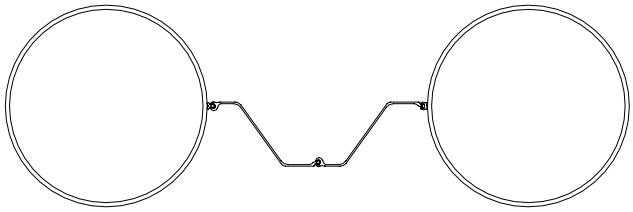
Combi-Wall Solution Variations

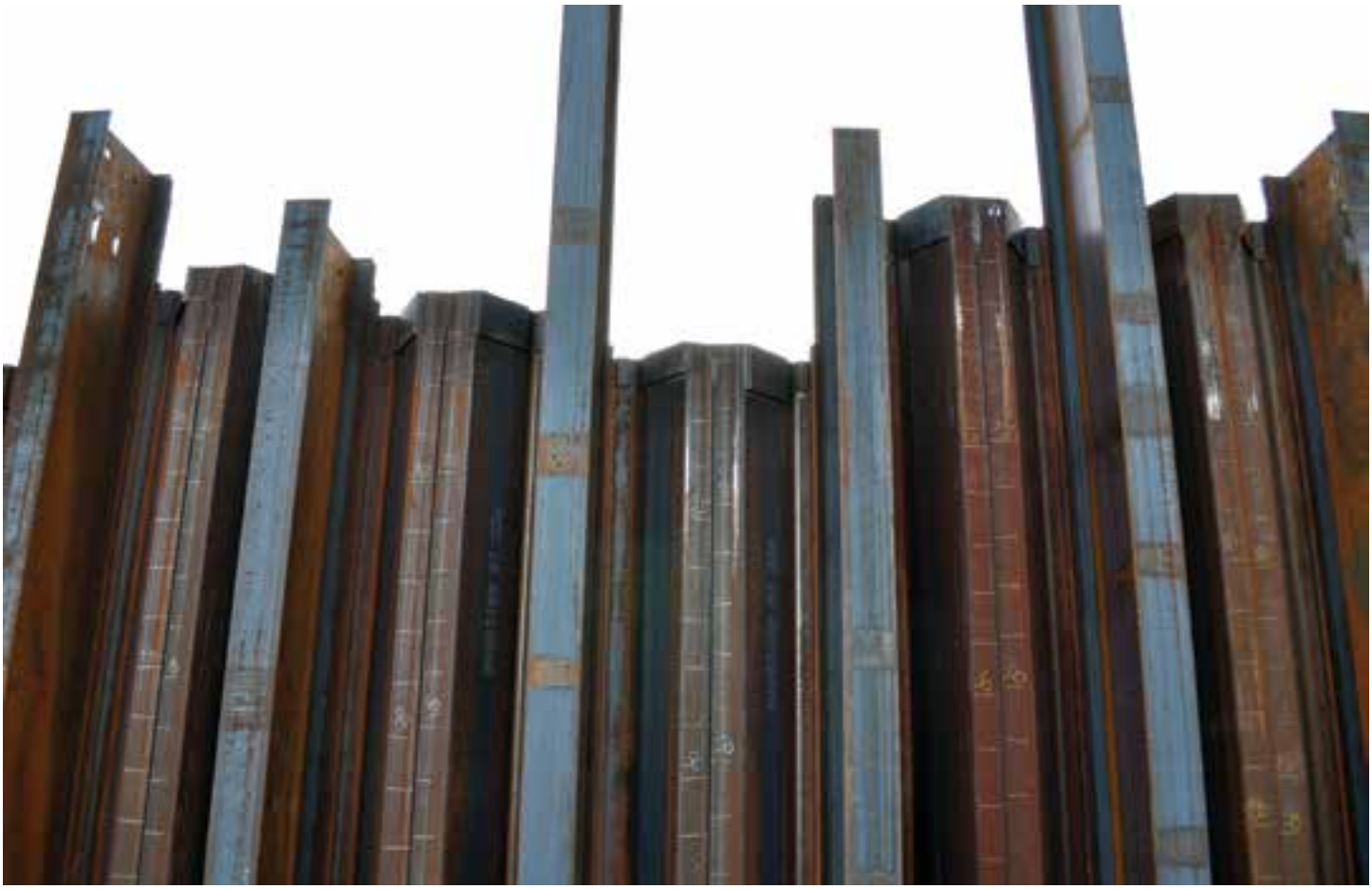
L.B. Foster is dedicated to offering the most efficient combi-wall system for your needs through utilization of our vast array of systems designed to your specific requirements.

Wide Flange with Extruded Connectors



Pipe Pile with Extruded Connectors





Red Rock Hydroelectric Project, Pella, IA

Pipe Pile

L.B. Foster provides a full line of pipe pile. L.B. Foster can offer ERW, DSAW and spiral weld pipe pile in a wide range of sizes and lengths to meet your requirements. In addition, L.B. Foster provides value added services such as cutting to length, coating, accessory attachment, and other welding to facilitate complete pipe pile solutions.

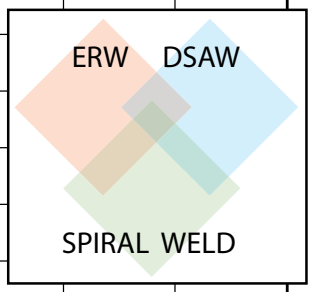
New Jersey Department of Transportation, Brielle, NJ

USACE, Santa Maria, CA

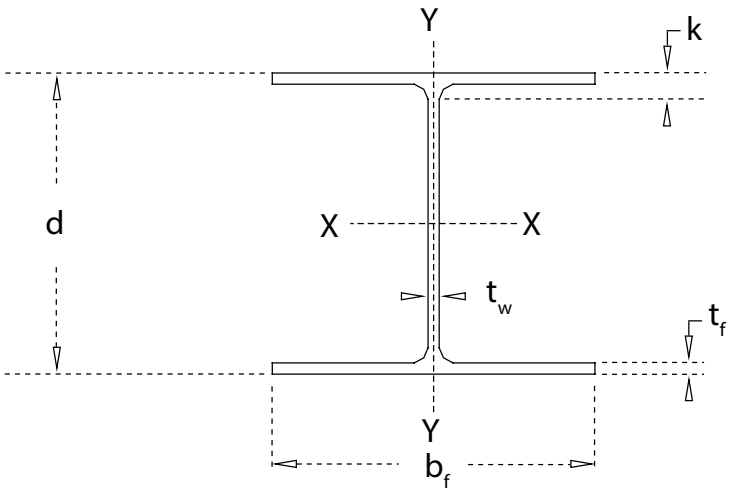
Galvanized 36" OD Spiralweld Pipe Pile

Route 70 Bridge over the Manasquan River, Brielle, NJ

Pipe Weights	Wall Thickness (inches)									
Outside Diameter (inches) lbs / ft ↘	0.219	0.250	0.312	0.375	0.438	0.500	0.625	0.750	0.875	1.000
8.625	19.68	22.38	27.73	33.07	38.33	43.43				
10.75	24.65	28.06	34.81	41.59	48.28	54.79				
12	27.58	31.40	38.98	46.60	54.14	61.47	76.00			
12.75	29.34	33.41	41.48	49.61	57.65	65.48	81.01			
14	32.26	36.75	45.65	54.62	63.50	72.16	89.36			
16	36.95	42.09	52.32	62.64	72.86	82.85	102.72			
18	41.63	47.44	58.99	70.65	82.23	93.54	116.09			
20		52.78	65.66	78.67	91.59	104.23	129.45			
24		63.47	79.01	94.71	110.32	125.61	156.17	186.41		
26		68.82	85.68	102.72	119.69	136.30	169.54	202.44		
28		74.16	92.35	110.74	129.05	146.99	182.90	218.48	253.72	
30		79.51	99.02	118.76	138.42	157.68	196.26	234.51	272.43	
32		84.85	105.69	126.78	147.78	168.37	209.62	250.55	291.14	
34		90.20	112.36	134.79	157.14	179.06	222.99	266.58	309.84	
36		95.54	119.03	142.81	166.51	189.75	236.35	282.62	328.55	374.15
38		100.89	125.70	150.83	175.87	200.44	249.71	298.65	347.26	395.53
40		106.23	132.37	158.85	185.24	211.13	263.07	314.69	365.97	416.91
42		111.58	139.04	166.86	194.60	211.82	276.44	330.72	384.67	438.29
44		116.92	145.71	174.88	203.97	232.51	289.80	346.76	403.38	459.67
46		122.27	152.38	182.90	213.33	243.20	303.16	362.79	422.09	481.05
48		127.61	159.05	190.92	222.70	253.89	316.52	378.83	440.80	502.43
54			179.06	214.97	250.79	285.96	356.61	426.93	496.92	566.57
60			199.08	239.02	278.88	318.03	396.70	475.04	553.04	630.71
66			219.09	263.07	306.98	350.10	436.79	523.14	609.16	694.85
72			239.10	287.13	335.07	382.17	476.87	571.25	665.29	758.99
78			259.11	311.18	363.16	414.24	516.96	619.35	721.41	823.13
84			279.12	335.23	391.26	446.31	557.05	667.46	777.53	887.27
90			299.13	359.28	419.35	478.38	597.14	715.56	833.65	951.41
96			319.15	383.34	447.44	510.45	637.22	763.67	889.78	1015.55



H - Pile



Available Grades: ASTM A572 Gr. 50 and 60, A588 and A690

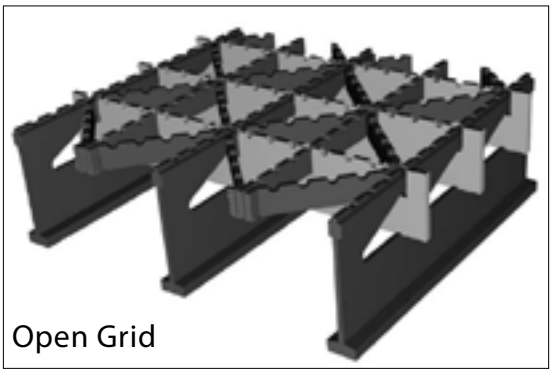
Dimensions and Properties U.S. Standard

Section Designation	Area	Depth	Web Thickness		Flange		Elastic Properties						Surface Area per Linear Foot
					Width	Thick	X-X Axis			Y-Y Axis			
	A	d	t_w	$t_w/2$	b_f	t_f	I_x	S_x	r_x	I_y	S_y	r_y	
	in^2	in	in	in	in	in	in^4	in^3	in	in^4	in^3	in	ft^2/ft
HP16x121	35.7	15.75	0.750	0.375	15.875	0.750	1578	200	6.65	501	63.1	3.75	7.62
x101	29.8	15.50	0.625	0.313	15.750	0.625	1297	167	6.60	408	52.1	3.70	7.56
x88	25.8	15.33	0.540	0.270	15.665	0.540	1112	145	6.56	347	44.0	3.66	7.52
HP14x117	34.4	14.21	0.805	0.403	14.885	0.805	1220	172	5.96	443	59.5	3.59	7.10
x102	30.0	14.01	0.705	0.353	14.785	0.705	1050	150	5.92	380	51.4	3.56	7.05
x89	26.1	13.83	0.615	0.308	14.695	0.615	904	131	5.88	326	44.3	3.53	7.00
x73	21.4	13.61	0.505	0.253	14.585	0.505	729	107	5.84	261	35.8	3.49	6.95
HP12x84	24.6	12.28	0.685	0.343	12.295	0.685	650	106	5.14	213	34.6	2.94	5.93
x74	21.8	12.13	0.605	0.303	12.215	0.610	569	93.8	5.11	186	30.4	2.92	5.89
x63	18.4	11.94	0.515	0.258	12.125	0.515	472	79.1	5.06	153	25.3	2.88	5.85
x53	15.5	11.78	0.435	0.218	12.045	0.435	393	66.8	5.03	127	21.1	2.86	5.81
HP10x57	16.8	9.99	0.565	0.283	10.225	0.565	294	58.8	4.18	101	19.7	2.45	4.89
x42	12.4	9.70	0.415	0.208	10.075	0.420	210	43.4	4.13	71.7	14.2	2.41	4.82
HP8x36	10.6	8.02	0.445	0.223	8.155	0.445	119	29.8	3.36	40.3	9.88	1.95	3.89

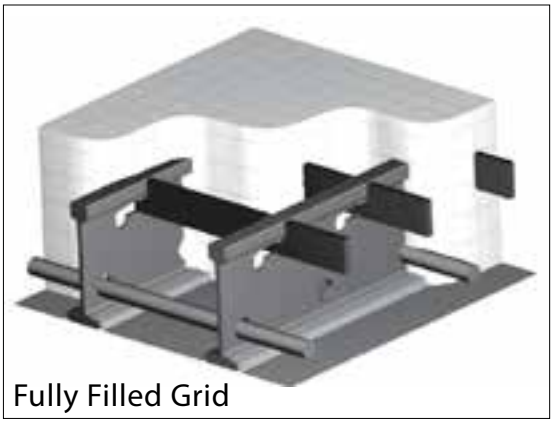
Steel Grid Bridge Decking

L.B. Foster fabricated steel bridge decking products' cost-efficient grid reinforced concrete deck and open steel grid flooring systems are easy to install and maintain with minimum interruption to traffic during new construction or bridge repair.

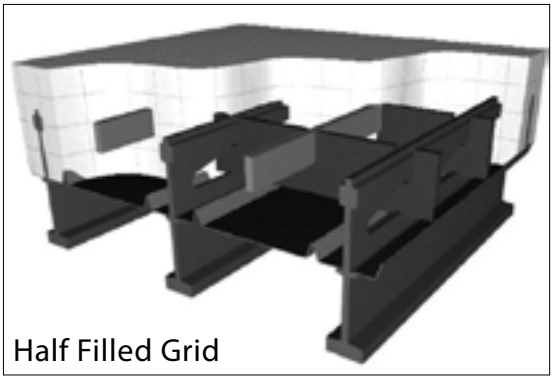
Concrete-filled steel grid bridge decking provides a far greater life expectancy than reinforced concrete and its durability resists heavy traffic, weather and deicing agents. Our lightweight, yet strong, open steel grid flooring is the answer for movable bridges or other conditions where minimizing dead load is a major consideration.



Open Grid



Fully Filled Grid



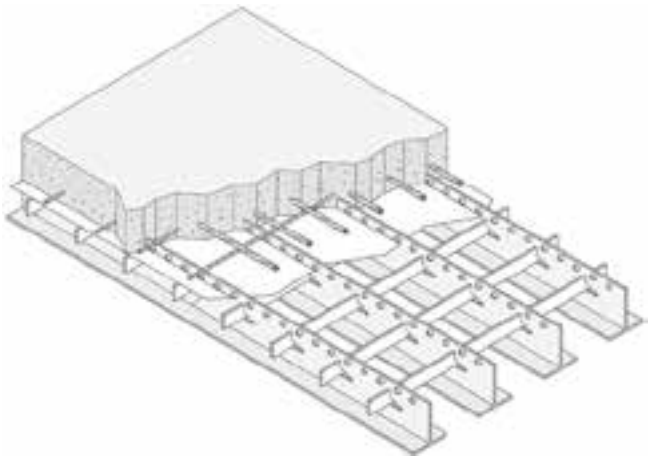
Half Filled Grid

Exodermic Bridge Decks

An exodermic (or "composite, unfilled steel grid") deck is comprised of a reinforced concrete slab on top of, and composite with, an unfilled steel grid.

Why Use An Exodermic Bridge Deck?

- Light Weight – An exodermic deck typically weighs 35% to 50% less than a reinforced concrete deck that would be specified for the same span. The efficient use of materials in an Exodermic deck means the deck can be much lighter without sacrificing strength, stiffness, ride quality, or expected life.
- Rapid Construction – Precast Exodermic decks can be erected during a short, nighttime work window, allowing a bridge to be kept fully open to traffic during the busy daytime hours. Panels are quickly placed, and layout of the single mat of rebar is simple and straightforward, without the need for chairs or other aids in most cases. Cantilevered decks can be formed without temporary supports.
- Ease of Maintenance – An Exodermic deck is easily maintained with standard materials and techniques,since the top portion of an Exodermic deck is essentially the same as the top half of a standard reinforced concrete deck.



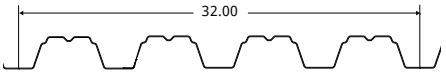
Bridge Deck Sections

All bridge deck forms are produced from structural quality galvanized sheet steel conforming to ASTM designation A-653. Finish is hot dipped galvanized conforming to ASTM designation A-924. Standard coating weight is G165 with other weights available. Manufactured in Bedford, Pennsylvania.

2″ Bridge Decking–2″ deep x 8-½″ pitch x 34″ coverage

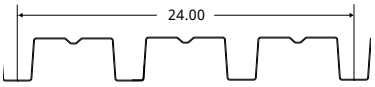
		Section Properties (per ft. of width)		
GAGE	Thickness (in)	I_p (in⁴/ft)	S_p (in³/ft)	Weight (psf)
22	0.0299	0.346	0.294	1.78
21	0.0329	0.381	0.324	1.95
20	0.0359	0.416	0.355	2.11
19	0.0418	0.484	0.412	2.43
18	0.0478	0.553	0.471	2.76
17	0.0538	0.622	0.530	3.08
16	0.0598	0.691	0.588	3.41

2-½″ Bridge Decking–2-½″ deep x 8″ pitch x 32″ coverage



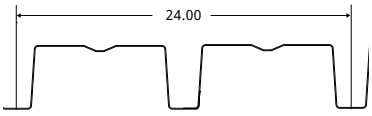
		Section Properties (per ft. of width)		
GAGE	Thickness (in)	I_p (in⁴/ft)	S_p (in³/ft)	Weight (psf)
22	0.0299	0.539	0.400	1.90
21	0.0329	0.597	0.436	2.07
20	0.0359	0.651	0.476	2.24
19	0.0418	0.758	0.554	2.58
18	0.0478	0.867	0.634	2.93
17	0.0538	0.976	0.713	3.27
16	0.0598	1.084	0.793	3.62

3″ Bridge Decking–3″ deep x 8″ pitch x 24″ coverage



		Section Properties (per ft. of width)		
GAGE	Thickness (in)	I_p (in⁴/ft)	S_p (in³/ft)	Weight (psf)
22	0.0299	0.841	0.459	2.33
21	0.0329	0.983	0.537	2.54
20	0.0359	1.113	0.608	2.75
19	0.0418	1.296	0.708	3.17
18	0.0478	1.483	0.810	3.60
17	0.0538	1.669	0.911	4.02
16	0.0598	1.855	1.013	4.45

4-½″ Bridge Decking–4-½″ deep x 12″ pitch x 24″ coverage

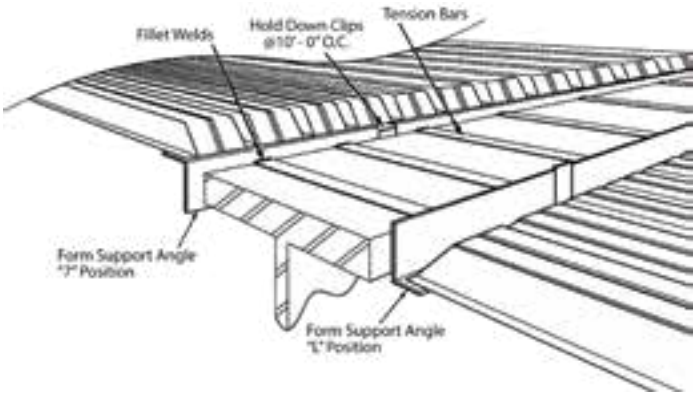


		Section Properties (per ft. of width)		
GAGE	Thickness (in)	I_p (in⁴/ft)	S_p (in³/ft)	Weight (psf)
20	0.0359	1.886	0.653	2.75
19	0.0418	2.425	0.840	3.17
18	0.0478	3.018	1.045	3.60
17	0.0538	3.607	1.249	4.02
16	0.0598	4.009	1.388	4.45

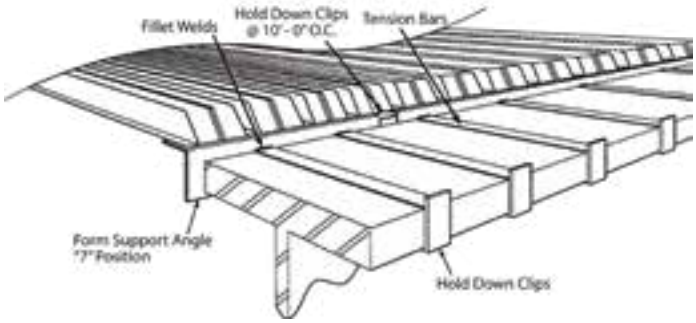
22 gage through 17 gage formed from A-653 Grade 50 or Grade 80 steel.
16 gage through 14 gage formed from A-653 Grade 40 steel.
Weights based on G165.

Bridge Deck Form Details

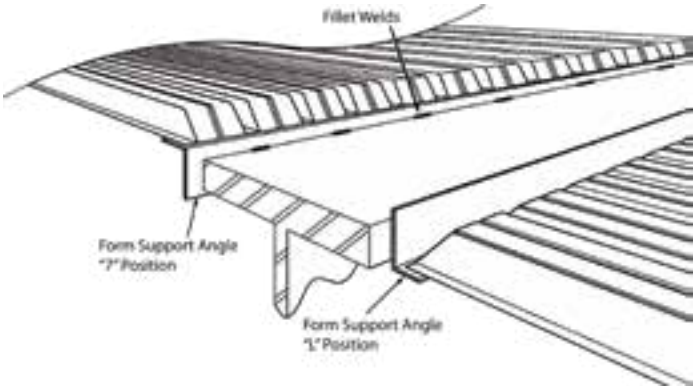
Top Flange Tension - Interior Girder



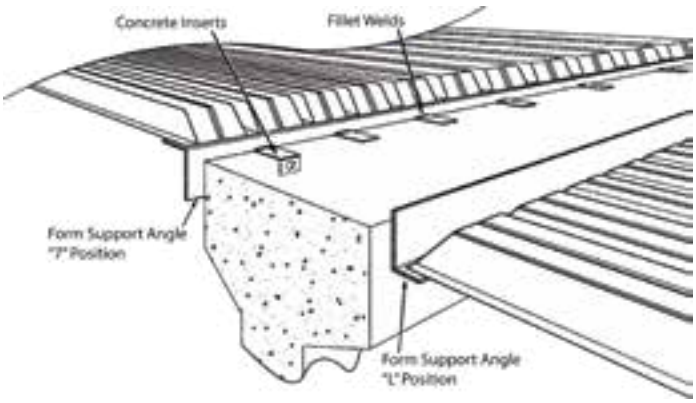
Top Flange Tension - Exterior Girder



Top Flange Compression - Interior Girder



Concrete Beam



Aluminum Bridge Decking

Advanced design aluminum bridge decking technologies offer unmatched advantages over traditional concrete and steel construction.

- Lightweight structural aluminum to reduce dead-load.
- Prefabricated for accelerated bridge construction.
  - Minimizes traffic interruptions and need for expensive traffic control.
- 100 year bridge life potential.
- Lower life cycle costs.
- Advantages over existing deck alternatives:
  - Corrosion resistant with minimal maintenance - no painting.
  - Better skid resistance and less road surface noise compared to grid decks.
  - Capable of a 3.5' cantilever on each side of bridge to widen roadway.
  - Simple mechanical connections for fast installation and easy inspection.
  - Damaged deck panels can be quickly replaced.

L.B. Foster is an authorized distributor of AlumaBridge, LLC., aluminum orthotropic and isotropic bridge deck.

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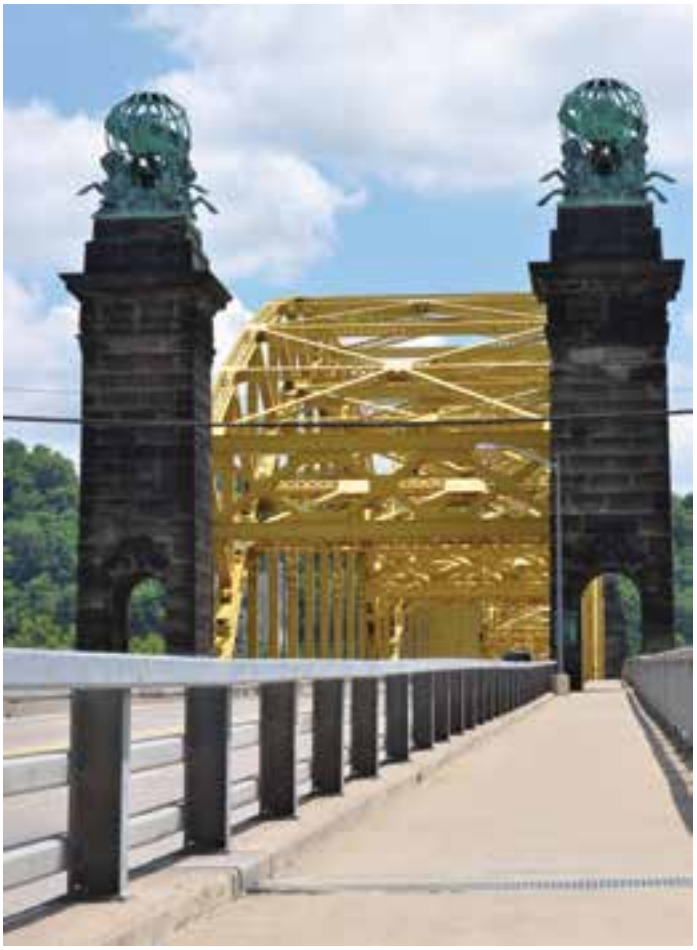
Bridge Railing Systems

L.B. Foster Fabricated Bridge Products is the one source for all your bridge railing needs. We are the nation's leading fabricator and supplier of aluminum bridge railing products. Each of our rail systems is fabricated to the exact requirements of state highway departments and other specifying agencies. L.B. Foster can supply bridge and pedestrian railings with special finishes, including hardcoat anodizing, critical paint specifications or galvanizing.



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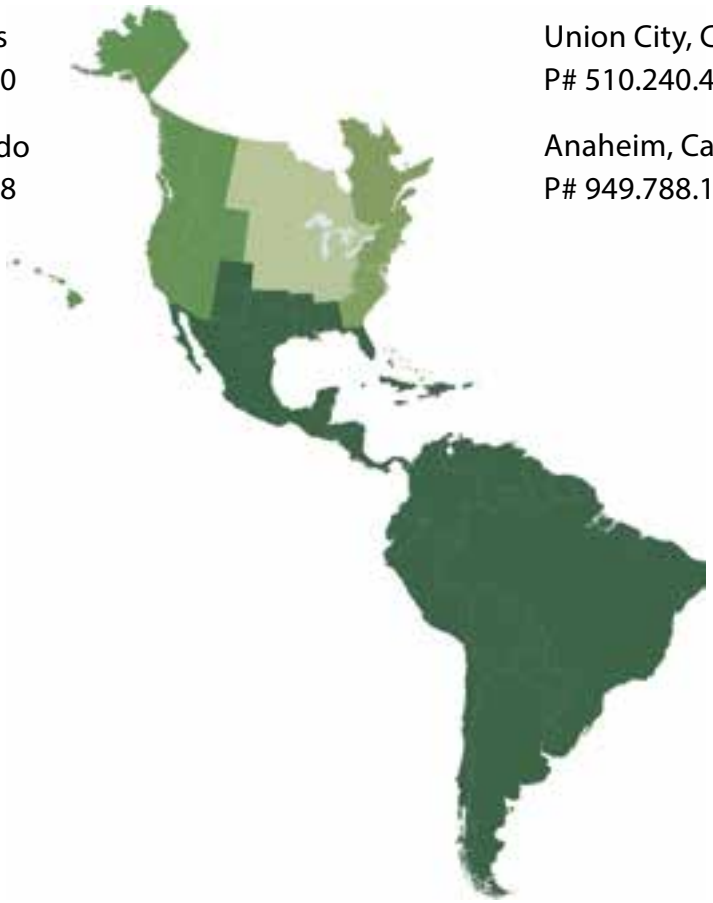

Bunge North America - Destrehan, LA
Steel grid bridge decking used in the design of a new ship loading system.

Photo Courtesy of Boh Bros. Construction Co.

L.B. Foster Offers a Variety of Construction Products

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- Piling Accessories
- Fabricated Bridge Decking and Railing Systems

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