

## Global FRP Use for Bridge Applications: Pedestrian

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Bridge Name	City	State / Prov	Date (year)	L (ft)	W (ft)	deck	beam / truss	rebar / grid	tendon / cable	panel	footing	piling	tower	glulam	System Provider or FRP Manufacturer
<b>ASIA / FAR EAST</b>															
<b>China (8)</b>															
Chongqing Communication Institute Bridge	Chongqing		1986	164	5		X								Chongqing Glass Fiber Product Factory
Chenjiawan Bridge	Chongqing		1988	197	13	X	X								Chongqing Glass Fiber Product Factory
Guanyinqiao Bridge	Chongqing		1988	515	15		X								Chongqing Glass Fiber Product Factory
Luzhou Bridge	Lushou		1988	N/A	N/A	X	X								Chongqing Glass Fiber Product Factory
Jiangyou Bridge	Jiangyou		1990	N/A	N/A	X									Chongqing Glass Fiber Product Factory
Panzhuhua Bridge	Panzhuhua		1992	79	10	X									Chongqing Glass Fiber Product Factory
Chuanmian Bridge	Chengdu		1993	35	17	X									Chongqing Glass Fiber Product Factory
Xiangyang Bridge	Chengdu		1993	164	13	X									Chongqing Glass Fiber Product Factory
<b>Japan (11)</b>															
Nakatsugawa Bridge	Chiba Prefecture		1989	26	8				X						Tokyo Rope Mfg. Ltd.
Birdie Bridge	Ibaraki Prefecture		1990	179	7				X						Mitsubishi Chemical / Tokyo Rope Mfg. Ltd.
Talbus Bridge	Tochigi Prefecture		1990	31	18				X						Shinko Wire Co.
Bridge #15 Hakui Kenmin Bicycle Route	Ishikawa Prefecture		1991	35	14			X	X						Tokyo Rope Mfg. Ltd.
Rainbow Bridge-Pier walkways	Tokyo		1991	3225	3				X						Shinko Wire Co.
Pontoon Bridge, Takahiko Three Country Club	Ibaraki Prefecture		1992	240	10				X						Shinko Wire Co.
Amada Bridge	Ishikawa Prefecture		1992	24	11				X						Tokyo Rope Mfg. Ltd.
Slab Bridge	Mie Prefecture		1995	35	12				X						Tokyo Rope Mfg. Ltd.
PWRI Demonsration Bridge	Tsukuba City		1996	66	7	X	X		X				X		Mitsubishi Chemical / Tokyo Rope Mfg. Ltd.
Seisho Bridge Bridge	Kanagawa Prefecture		1996	185	13				X						Teijin, Ltd.
Ikeishima Island Bridge	Okinawa Prefecture		2001	124	13				X						N/A
<b>EUROPE</b>															
<b>Denmark (2)</b>															
Fiberline Bridge	Kolding		1997	131	10	X	X								Fiberline Composites
Unknown	Herning		1999	262	10				X						N/A
<b>France (1)</b>															
Laroin Footbridge	Laroin		2002	N/A	N/A				X						Soficar
<b>Germany (3)</b>															
Marienfelde Bridge	Berlin		1988	165	15				X						Bayer AG
Sedlitz & Senftenberg Bridge	Sedlitz & Senftenberg		2000	66	8	X									Creative Pultrusions, Inc
Buehl-Balzhofen Bridge	Baden-Wuerttemberg		2001	39	129	X									Creative Pultrusions, Inc.
<b>The Netherlands (3)</b>															
Rijkerswoerd	Arnhem		1985	N/A	12		X								N/A
Koegelwieck Bridge	Harlingen		1997	49	6.9		X								Poly Products
Noordland Pedestrian Bridge	Noordland Inner Harbor	Zeeland	2000	88	5	X	X								Fiberline Composites
<b>Norway (1)</b>															
Fredrikstad Bridge	Fredfikstad		2003	197	10	X	X								Marine Composites
<b>Spain (1)</b>															
Lleida Footbridge	Lleida		2001	125	10	X	X								Fiberline Composites
<b>Switzerland (1)</b>															
Pontresina Bridge	Pontresina		1997	82	10	X	X								Fiberline Composites
<b>United Kingdom (8)</b>															
Westminster Cathedral Footbridge	London	England	1975	80	5		X								N/A
Aberfeldy Golf Course Bridge	Aberfeldy	Scotland	1990	370	7	X	X		X	X			X		GEC Plastics / Linear Composites
Shank Castle Footbridge	Cumbria		1993	39	3	X	X								Maunsell Structural Plastics
Parson's Bridge	Dyfed	Mid Wales	1995	58	3	X				X					Strongwell Inc.
Fidgett Footbridge	Chalgrove	Oxfordshire	1995	N/A	N/A	X	X								N/A
Highbridge Restoration	Staffordshire		1997	148	3	X									Maunsell Structural Plastics
A30 Halgavor Bridge	Halgavor	Bodmin	2001	155	12	X									Vosper Thorneycroft

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Ribble Way Footbridge		Lancashire	2003	430	10		X								N/A
<b>NORTH AMERICA</b>															
<b>Canada (1)</b>															
Faculty of Engineering Pedestrian Bridge	Sherbrooke	Quebec	2002	18	12			X							Pultrall, ADS Composites Group
<b>USA (121)</b>															
Will Rogers State Park	Temescal Canyon Pacific	California	1994	20	4		X								E.T. Technonics
San Luis Obispo (1)	San Luis Obispo	California	1994	25	4		X								E.T. Technonics
San Luis Obispo (2)	San Luis Obispo	California	1994	30	4		X								E.T. Technonics
San Luis Obispo (3)	San Luis Obispo	California	1994	30	4		X								E.T. Technonics
San Luis Obispo (4)	San Luis Obispo	California	1994	35	4		X								E.T. Technonics
San Luis Obispo (5)	San Luis Obispo	California	1994	35	4		X								E.T. Technonics
San Luis Obispo (6)	San Luis Obispo	California	1994	40	4		X								E.T. Technonics
Sierra Madre	Sierra Madre	California	1994	40	4		X								E.T. Technonics
Malibu Creek State Park (1)	Malibu	California	1994	40	5		X		X						E.T. Technonics
Malibu Creek State Park (2)	Malibu	California	1994	20	5		X								E.T. Technonics
Tahoe National Forest Bridge	Grass Valley	California	1994	20	5		X								E.T. Technonics
Deukmejian Wilderness Park (1)	Glendale	California	1994	15	4		X								E.T. Technonics
Deukmejian Wilderness Park (2)	Glendale	California	1994	20	4		X								E.T. Technonics
Deukmejian Wilderness Park (3)	Glendale	California	1994	25	4		X								E.T. Technonics
Deukmejian Wilderness Park (4)	Glendale	California	1994	25	4		X								E.T. Technonics
Will Rogers State Park	Malibu	California	1994	40	5		X								E.T. Technonics
Point Bonita Lighthouse (1)	San Francisco	California	1995	35	4		X								E.T. Technonics
Point Bonita Lighthouse (2)	San Francisco	California	1995	70	4		X								E.T. Technonics
Pardee Dam Bridge	Valley Springs	California	1995	25	5		X								E.T. Technonics
San Dieguito River Park	San Diego	California	1996	70	8		X								E.T. Technonics
City of Glendora Bridge (1)	Glendora	California	1996	18	6		X								E.T. Technonics
City of Glendora Bridge (2)	Glendora	California	1996	22	6		X								E.T. Technonics
Grant Cty Park Bridge (1)	San Jose	California	1997	20	5		X								E.T. Technonics
Grant Cty Park Bridge (2)	San Jose	California	1997	35	5		X								E.T. Technonics
Grant Cty Park Bridge (3)	San Jose	California	1997	40	5		X								E.T. Technonics
Grant Cty Park Bridge (4)	San Jose	California	1997	40	5		X								E.T. Technonics
Grant Cty Park Bridge (5)	San Jose	California	1997	50	5		X								E.T. Technonics
Santa Monica National Park	Calabasas	California	1998	40	5		X								E.T. Technonics
Redwoods Natl Park (1)	Orick	California	1999	80	5		X								E.T. Technonics
Redwoods Natl Park (2)	Orick	California	1999	80	5		X								E.T. Technonics
Muir Beach Bridge (1)	Muir Beach	California	1999	50	4		X								E.T. Technonics
Muir Beach Bridge (2)	Muir Beach	California	1999	70	5		X								E.T. Technonics
Audubon Canyon Ranch Nature Preserve	Marshall	California	1999	96	6		X								E.T. Technonics
City of Glendora Bridge	Glendora	California	1999	28	6		X								E.T. Technonics
Santa Monica Bridge	Topanga	California	2000	60	6		X								E.T. Technonics
Prairie Creek Redwoods State Park Bridge	Orick	California	2000	46	5		X								E.T. Technonics
Santa Monica Bridge (1)	Calabasas	California	2000	30	6		X								E.T. Technonics
Santa Monica Bridge (2)	Calabasas	California	2000	75	6		X								E.T. Technonics
Rodeo Beach Pier	Sausalito	California	2000	180	5		X								E.T. Technonics
Alameda County Bridge	Castro Valley	California	2000	18	4		X								E.T. Technonics
Humboldt State Park Bridge	Weott	California	2000	40	4		X								E.T. Technonics

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Golden Gate National Recreation Area (1)	Sausalito	California	2001	25	5		X								E.T. Techtonics
Golden Gate National Recreation Area (2)	Sausalito	California	2001	25	5		X								E.T. Techtonics
Topanga Canyon Bridge	Topanga	California	2002	18	6		X								E.T. Techtonics
Petaluma Bridge	Petaluma	California	2002	40	6		X								E.T. Techtonics
Boulder County Bridge	Boulder	Colorado	1994	35	6		X								E.T. Techtonics
Heil Ranch Bridge	Boulder	Colorado	2000	45	6		X								E.T. Techtonics
O'Fallon Park Bridge (1)	Denver	Colorado	2002	100	22			X		X	X				Strongwell Inc.
O'Fallon Park Bridge (2)	Denver	Colorado	2002	42	19	X									Strongwell Inc.
Sachem Yacht Club	Guilford	Connecticut	2001	54	6		X								E.T. Techtonics
Greensbranch - Pedestrian	Smyrna	Delaware	1999	32	6	X									Hardcore Composites
Catholic University Access Bridge	Washington	District of Columbia	1995	35	4		X								E.T. Techtonics
Haleakala National Park (1)	Maui	Hawaii	1995	40	4		X								E.T. Techtonics
Haleakala National Park (2)	Maui	Hawaii	1995	80	4		X								E.T. Techtonics
Sealife Park Dolphin Bridge	Oahu	Hawaii	2001	36	3	X	X								Strongwell Inc.
LaSalle Street Pedestrian Walkway	Chicago	Illinois	1995	220	12	X									Strongwell Inc.
Antioch Composite Pedestrian Bridge	Antioch	Illinois	1995	45	10		X								E.T. Techtonics
Clear Creek Bridge (Daniel Boone National Forest)	Bath County	Kentucky	1996	60	6	X	X		X						Strongwell Inc.
Levisa Fork of the Big Sandy River Footbridge	Johnson County	Kentucky	1999	420	4	X									Strongwell Inc.
Bar Harbor Yacht Club Pier	Bar Harbor	Maine	1995	124	5		X							X	Strongwell Inc.
Montgomery Cty Dept. of Park & Planning (1)	Silver Spring	Maryland	2000	23	6		X								E.T. Techtonics
Montgomery Cty Dept. of Park & Planning (2)	Silver Spring	Maryland	2000	26	6		X								E.T. Techtonics
Montgomery Cty Dept. of Park and Planning (3)	Silver Spring	Maryland	2000	30	6		X								E.T. Techtonics
Montgomery Cty Dept. of Park and Planning (4)	Silver Spring	Maryland	2000	32	6		X								E.T. Techtonics
Montgomery Cty Dept. of Park and Planning (5)	Silver Spring	Maryland	2000	32	6		X								E.T. Techtonics
Montgomery Cty Dept. of Park and Planning (6)	Silver Spring	Maryland	2000	40	6		X								E.T. Techtonics
Becca Lily Park Bridge	Takoma Park	Maryland	2000	30	6		X								E.T. Techtonics
Montgomery Cty Dept. of Park and Planning (1)	Clarksburg	Maryland	2002	20	6		X								E.T. Techtonics
Montgomery Cty Dept. of Park and Planning (2)	Clarksburg	Maryland	2002	40	6		X								E.T. Techtonics
Montgomery Cty Dept. of Park and Planning (3)	Clarksburg	Maryland	2002	50	6		X								E.T. Techtonics
Montgomery Cty Dept. of Park and Planning (4)	Clarksburg	Maryland	2002	60	6		X								E.T. Techtonics
Tanner Creek/Weco Beach Bridge	Bridgman	Michigan	1999	33	6		X								E.T. Techtonics
Aurora Pedestrian Bridge	Aurora	Nebraska	2001	100	10	X				X					Kansas Structural Composites, Inc.
Homestead Bridge	Los Alamos	New Mexico	1997	54	4		X								E.T. Techtonics
City of Los Alamos (1)	Los Alamos	New Mexico	1999	50	4		X								E.T. Techtonics
City of Los Alamos (2)	Los Alamos	New Mexico	1999	25	6		X								E.T. Techtonics
City of Los Alamos (3)	Los Alamos	New Mexico	1999	12	6		X								E.T. Techtonics
Los Alamos National Laboratory Bridge (1)	Los Alamos	New Mexico	2001	40	3		X								E.T. Techtonics
Los Alamos National Laboratory Bridge (2)	Los Alamos	New Mexico	2001	60	3		X								E.T. Techtonics
City of Los Alamos (1)	Los Alamos	New Mexico	2001	16	4		X								E.T. Techtonics
City of Los Alamos (2)	Los Alamos	New Mexico	2001	35	4		X								E.T. Techtonics
City of Los Alamos (3)	Los Alamos	New Mexico	2001	12	4		X								E.T. Techtonics
Tiffany Street Pier	Bronx	New York	1998	410	49							X			Seaward International
Lemon Creek Park Bridge	New York	New York	1998	85	5							X			Seaward International
Barclay Avenue Bridge	Staten Island	New York	2001	32	6		X								E.T. Techtonics
Scenic Hudson Bridge	Tuxedo	New York	2002	35	4		X								E.T. Techtonics

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Popolopen Creek Bridge		New York	2003	N/A	N/A	X									Strongwell Inc.
Powell Park Bridge	Raleigh	North Carolina	1997	15	4		X								E.T. Techtonics
Blue Ridge Parkway Bridge	Spruce Pine	North Carolina	2001	30	4		X								E.T. Techtonics
Mt. Hood National Forest Bridge (1)	Sandy	Oregon	1997	30	3		X								E.T. Techtonics
Mt. Hood National Forest Bridge (2)	Sandy	Oregon	1997	30	3		X								E.T. Techtonics
Peavine Creek Bridge	Wallowa Whitman	Oregon	1998	22	6		X								E.T. Techtonics
Devil's Pool / Fairmount Park (1)	Philadelphia	Pennsylvania	1991	20	4		X		X						E.T. Techtonics
Devil's Pool / Fairmount Park (2)	Philadelphia	Pennsylvania	1991	32	4		X		X						E.T. Techtonics
Devil's Pool / Fairmount Park	Philadelphia	Pennsylvania	1992	50	5		X		X						E.T. Techtonics
Philadelphia Zoo	Philadelphia	Pennsylvania	1994	100	10		X								Creative Pultrusion, Inc.
Dingman Falls Bridge (1)	Bushkill	Pennsylvania	1996	70	6		X								E.T. Techtonics
Dingman Falls Bridge (2)	Bushkill	Pennsylvania	1996	80	6		X								E.T. Techtonics
McDade Trail Bridge (1)	Bushkill	Pennsylvania	2002	25	6		X								E.T. Techtonics
McDade Trail Bridge (2)	Bushkill	Pennsylvania	2002	40	6		X								E.T. Techtonics
McDade Trail Bridge (3)	Bushkill	Pennsylvania	2002	40	6		X								E.T. Techtonics
Clemson Experimental Trail Bridge	Clemson	South Carolina	2001	30	6		X								E.T. Techtonics
Francis Marion National Forest	McClellanville	South Carolina	2002	60	6		X								E.T. Techtonics
Las Rusias Military Highway	N/A	Texas	1997	45	4	X	X								Hughes Bros., Inc.
Lake Jackson Bridge	Lake Jackson	Texas	2003	90	6	X	X								N/A
Unknown	Charlottesville	Virginia	1978	16	7	X	X								N/A
Girl Scout Council of Colonial Coast Bridge	Chesapeake	Virginia	1999	50	8		X								E.T. Techtonics
Blue Ridge Parkway Bridge (1)	Floyd	Virginia	1999	24	4		X								E.T. Techtonics
Blue Ridge Parkway Bridge (2)	Floyd	Virginia	1999	34	4		X								E.T. Techtonics
Blue Ridge Parkway Bridge (1)	Floyd	Virginia	2001	28	4		X								E.T. Techtonics
Blue Ridge Parkway Bridge (2)	Floyd	Virginia	2001	34	4		X								E.T. Techtonics
George Washington & Jefferson National Forest	Edinburg	Virginia	2001	35	6		X								E.T. Techtonics
Staircase Rapids (1) (Hoodsport)	Olympic National Park	Washington	1994	40	4		X								E.T. Techtonics
Staircase Rapids (2) (Hoodsport)	Olympic National Park	Washington	1994	50	4		X								E.T. Techtonics
Staircase Rapids (3) (Hoodsport)	Olympic National Park	Washington	1994	80	4		X								E.T. Techtonics
Bovee Meadows Trail Bridge	Lake Crescent	Washington	1995	75	6		X								E.T. Techtonics
Falls Creek Trail Bridge	Gifford Pinchot National Forest	Washington	1997	45	3	X	X								Creative Pultrusion, Inc.
Ohio River Bridge	Wheeling	West Virginia	1999	1000	4	X									Hardcore Composites
Medicine Bow National Forest	Medicine Bow	Wyoming	1995	20	5		X								E.T. Techtonics
<b>Carribbean</b>															
<b>Barbados</b>															
Careenage Lift Bridge	N/A		2000	41	N/A		X								N/A