



# FRP Pedestrian Bridges



# BUILT TO LAST

Whether your bridge sees the occasional traveler or nonstop foot traffic, Bedford fiberglass reinforced polymer (FRP) is the ideal material for long-standing pedestrian bridges thanks to its strength and ability to stand up to the harshest elements. And its why more and more locations are replacing old wood and steel bridges with Bedford M-E-2 pedestrian bridges.

## FLEXIBLE SHIPPING

M-E-2 pedestrian bridges can be shipped one of three ways: as a kit for complete assembly in the field, in modules that require limited assembly, or completely pre-assembled.

## EASY ASSEMBLY

If you choose to assemble in the field, all components of M-E-2 pedestrian bridges are shipped predrilled with the necessary hardware. And because the material is lightweight and requires no special experience or tools for assembly, bridges can be assembled by virtually anyone.

## BENEFITS OF FRP

- Resistant to heat, high winds, rain, snow and saltwater
- Won't shrink, swell, warp, corrode or attract insects
- Meets the demands of load-carrying conditions
- Lightweight for easy transport to out-of-the-way sites
- Easy to assemble with standard tools
- Low maintenance for decades of continuous use



**Cascade Locks, OR**  
40' span  
Shipped fully assembled



**Banner Elks, NC**  
60' span  
Truss sections shipped assembled; other components field-assembled



**Cumberland Valley Township, PA**  
40' span  
Shipped fully assembled





## Specification Highlights

Complete specification details will be provided with your quote.

### FRP Composites

Bedford M-E2 pedestrian bridges are fabricated from high-strength E-glass and isophthalic polyester resin for strength and durability. Unless specified otherwise, the minimum thickness of FRP composite shapes is 0.25".

### Railings

Railings will be a minimum of 42" above the floor deck for pedestrian and bicycle use, and a minimum of 54" above the floor deck for equestrian use.

### Safety Rails

Trusses feature continuous 3" horizontal safety rails on the inside. Vertical pickets are available if preferred.

### Colors

Standard color options include green and gray. Custom colors are available upon request. Because Bedford integrates color during the manufacturing process, no painting is needed.



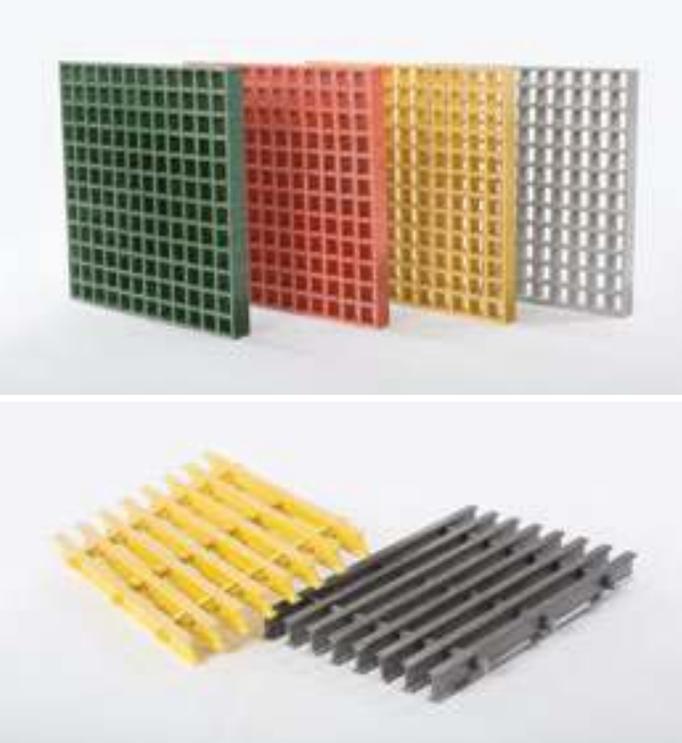
The smart alternative to wood, steel and aluminum, Bedford's FRP has been used to construct everything from the Bellagio Hotel and Casino Fountains to the Hoover Dam Penstock Tunnels.



**Charlotte, NC**  
50' span  
Shipped loose for field assembly



**Johnstown, PA**  
190' span  
Shipped loose for field assembly



## EXPLORE OUR FULL LINE OF FRP SOLUTIONS

Bedford offers a wide variety of structural products made of fiberglass-reinforced polymer, including PROForms® shapes, PROGrid® molded grating and PROGrate® pultruded grating. Our staff of skilled engineering, design and manufacturing professionals is dedicated to helping our customers maximize the benefits of FRP.

### PRODUCTS

- Structural shapes
- Grating
- Decking
- Stairs and handrails
- Ladders and cages
- Fabricated structures

### SERVICES

- Design and drafting
- Engineering
- Fabrication and CNC machining
- Secondary coating and painting
- Assembly and kitting
- In-house testing



**BEDFORD REINFORCED PLASTICS: ONE CORPORATE DRIVE, SUITE 106, BEDFORD, PA 15522 USA**

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