South Reserve Street Crossing  
Missoula, Montana

**Overview**
Missoula County received a grant to connect the Missoula-to-Lolo Trail and the Bitterroot Branch Trail. Their challenge was finding a way for bicyclists and pedestrians to cross South Reserve Street safely. This pedestrian bridge crosses this busy street to complete a 45 mile trail.

Owner: Missoula Redevelopment Agency  
Installation Date: May 2017

**Bridge Deck Dimensions**
- Deck Size: 715 by 10 feet  
- Deck Area: 7,235 square feet  
- Deck Panel Dimensions: 16.6 feet by 10.5 feet  
- Deck Depth: 3.5 to 5.3 inches  
- Deck Weight: 9.5 psf

**Bridge Features**

**Requirements:**
- 100 psf live load; L/500 deflection  
- Vehicle load H-5  

**Superstructure:** Steel stringers  
**Beam Spacing:** 46.5 inches  
**Deck to Beam Connection:** Steel connection clips

**Special Requirements:**
- Built in heated system  
- Includes drainage scuppers  
- Cross Slope: 1.46%  
- Non-Slip Overlay: Quartz aggregate  
- Color: Gray