**Overview**

The pedestrian overpass on Glendale Avenue experienced severe corrosion of the reinforced concrete deck. FRP decking was chosen for the renovated bridge because of its superior corrosion resistance and light weight panels for easy installation.

Owner: Nevada DOT  
Installation Date: September 2011

**Bridge Deck Dimensions**

- Deck Size: 114 feet by 6 feet  
- Deck Area: 684 square feet  
- Deck Panel Dimensions: 12 feet by 6 feet  
- Deck Depth: 3.5 inches  
- Deck Weight: 6 psf

**Bridge Features**

Requirements:  
- 90 psf live load; L/1000 deflection  
Superstructure: Steel box girders with floor beams  
Beam Spacing: 6 feet  
Connection Type: Mechanical fasteners and clips

Special Requirements:  
- Light weight panels  
Non Slip overlay: Epoxy aggregate  
Guard Rail: Box girder webs  
Color: Beige