Glendale Avenue
Reno, Nevada

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
Deck to Beam Connection: Mechanical fasteners and clips

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