

Batchellerville Bridge

Edinburg, NY



The original Batchellerville Bridge was constructed in 1927 and the deck and railing was replaced in 1982. Due to corrosion the bridge traffic had been reduced to a single lane to limit the amount of load on the bridge. The existing 3000 foot long Batchellerville Bridge carries Saratoga County Route 98 over the Sacandaga Lake and is the only bridge across this lake.

The primary goal of the replacement project was to provide a bridge that is safe, efficient, balanced and environmentally sound. The new bridge is being constructed by Harrison and Burrowes Bridge Constructors, Glenmont. The new bridge carries two, 11-foot travel lanes with two, 5-foot shoulders; and a 5.6-foot (1.7m) raised sidewalk on the north side of the bridge. Construction of the bridge involves extensive use of epoxy-coated reinforcing steel (ECR rebar) to protect against corrosion.

Due to concerns by local residents on aesthetics, the replacement bridge has only 12 piers instead of 20, with a much sleeker, more streamlined appearance compared to the existing steel latticework beneath the roadway on the old bridge.

Concrete pier material generated from removal of the existing bridge is to be used to create fish habitat on the bed of the Great Sacandaga Lake. This will not only enhance the environmental and recreational quality of the lake but will also reduce the cost of hauling material from the old bridge away from the project site. Fish populations are being monitored.

Team

Owner:

New York State Department of Transportation

Designer:

New York State Department of Transportation

General Contractor:

Harrison Burrowes Bridge Constructors Inc.

Design Criteria:

- Replace structurally deficient bridge structure
- Provide an environmentally sound structure
- Utilize waste material to create fish habitat.

Total Project Cost: \$46.6 million

Total Size:

LENGTH: 3000 ft

WIDTH: 37.5 ft

Photography:

Art & Architecture Photography