



PIN 8763.53: Buckwheat Road over Roeliff Jansen Kill - BIN 3222790

Project Background

This locally administered Bridge NY transportation project was initiated by the Columbia County Department of Public Works to address the declining condition and safety concerns of the Buckwheat Road Bridge over the Roeliff Jansen Kill in the Towns of Clermont and Livingston. Engineering consultant Greenman-Pedersen, Inc. (GPI) was selected by the County to perform the required Engineering, Environmental studies, and Right-of-Way tasks to meet the project objectives.

Project Objectives

- Replacement of the structurally deficient bridge with a new structure that will provide a minimum service life of 75 years.
- Improve hydraulic opening to attempt to meet regulatory guidelines for the stream classification and reduce scour potential.
- Provide improved pedestrian accommodation across the bridge.

Project Improvements

The proposed structure will be constructed within the footprint of the existing bridge and include a partial roadway alignment correction to reduce the s-curve at the bridge. The bridge will consist of reinforced concrete abutments, galvanized steel beams, composite concrete deck and approach slabs, stone scour protection, new steel bridge rail as well as transition and approach railing. A curbed concrete

sidewalk is proposed along the bridge's downstream fascia to allow for pedestrians to safely cross the Roeliff Jansen Kill without utilizing the vehicular travel way. The proposed roadway section will consist of 10-foot lanes with 4-foot shoulders.



