Project Fact Sheet

BRIDGE REPLACEMENT/REHABILITATION PROJECT
CR 25A over Kinderhook Creek
Village of Stuyvesant, Columbia County

PUBLIC INFORMATIONAL MEETING
August 8, 2024

TONIGHT'S AGENDA:
- Project Presentation / Q&A / Open House

PROJECT OBJECTIVES:

The proposed project will replace the existing bridge carrying CR 25A over Kinderhook Creek. The specific project objectives are:
- Eliminate all structural deficiencies by providing a new structure designed to current structural and safety standards that provides a 75-year service life in a manner that is cost effective, environmentally sensitive, and maintains an aesthetic in the historic district.
- Address geometric deficiencies to improve traffic flow and facilitate traffic operation, including a second travel lane.
- Install sidewalk facilities and widen roadway shoulders to provide for pedestrian and bicycle mobility that meets current ADA and safety standards while keeping adjacent property impacts to a minimum.

Existing Bridge
- The existing bridge was constructed in 1899 and consists of a thru-truss superstructure with masonry substructures founded on bed rock. The bridge was significantly retrofitted in 1992 to include the addition of a supporting arch within each truss, providing additional structural capacity. Additional repairs to the superstructure were made in 2015.
- The overall bridge length is approximately 203-ft. The bridge carries one (1) 13'-2" wide travel lane, 1'-0" shoulders and a 4'-0" sidewalk on the eastern side of the bridge.
- Per the most recent NYSDOT Bridge Inspection Report completed in October 2023, the existing bridge received a NYS General Recommendation of "3". This indicates that the bridge is structurally deficient with moderate deterioration of primary members, secondary members and substructures. The bridge is currently posted for load at 12 Tons and has six active Yellow Structural Flags.

Proposed Bridge
- The proposed structure consists of a single span, multiple steel girder superstructure supported on semi-integral abutments. The deck will be a 9.5-inch concrete slab with an integral wearing surface.
- The bridge width will be 41'-3" with a 15-degree skew consisting of two 11-ft. travel lanes with 5-ft. shoulders and a 5-ft. sidewalk. The existing horizontal alignment will be modified slightly to meet current geometric design standards, and the vertical alignment will be raised by approximately 6-in.
- Approximately 475-ft. of the existing CR 25A approach roadway will be reconstructed adjacent to the new bridge. Reconstruction will begin approximately 225-ft. west of the bridge and end approximately 250-ft. east of the bridge.

MAINTENANCE OF TRAFFIC DURING CONSTRUCTION

CR 25A will be closed to thru traffic from New Street to Lindenwald Avenue during some construction activities and an off-site detour will be utilized. The off-site detour will use NYS Route 9, Rossman Road, and County Route 25A. The detour route will be approximately 4.7 miles in length. The time the detour is in place will be minimized to the extent feasible.

RIGHT OF WAY IMPACTS:

It is anticipated the construction of this project will require minor acquisitions, temporary easements, and permanent easements from adjacent properties to accommodate the proposed construction operations, access for future maintenance and embankments.

PROJECT SCHEDULE
- Complete Final Design: Fall 2025
- Construction Advertising and Bidding: Winter 2026
- Construction: 2026-2027

PROJECT COST:
- Estimated Construction Cost $5.1 million