

Monroe County Department of Transportation

Presents

Replacement of Taylor Road Bridge over Irondequoit Creek



Town of Mendon, Monroe County

Project Description:

The project proposes to replace the bridge that carries Taylor Road over Irondequoit Creek in the Town of Mendon. The project corridor begins at the intersection of Taylor Road with Chamberlain Road, and ends approximately 200-ft. east of the bridge, for a total project corridor length of 350-ft.

Existing Bridge:

- Constructed in 1950.
- Steel, multi-girder bridge with timber deck and timber abutments.
- 27-ft. long span, 26'-6" wide.
- Inadequate hydraulic opening to handle streamflows in Irondequoit Creek.
- Lane and shoulder widths do not meet current Monroe County standards.

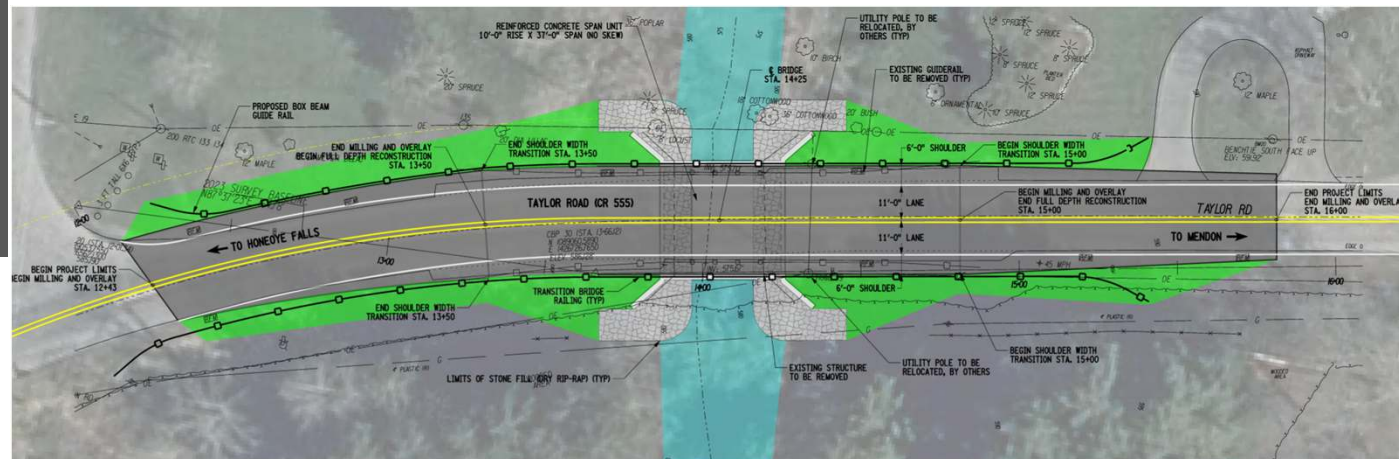
Project Objective:

Address structural, geometric and hydraulic deficiencies to meet current standards.

Proposed Alternative: Bridge Replacement

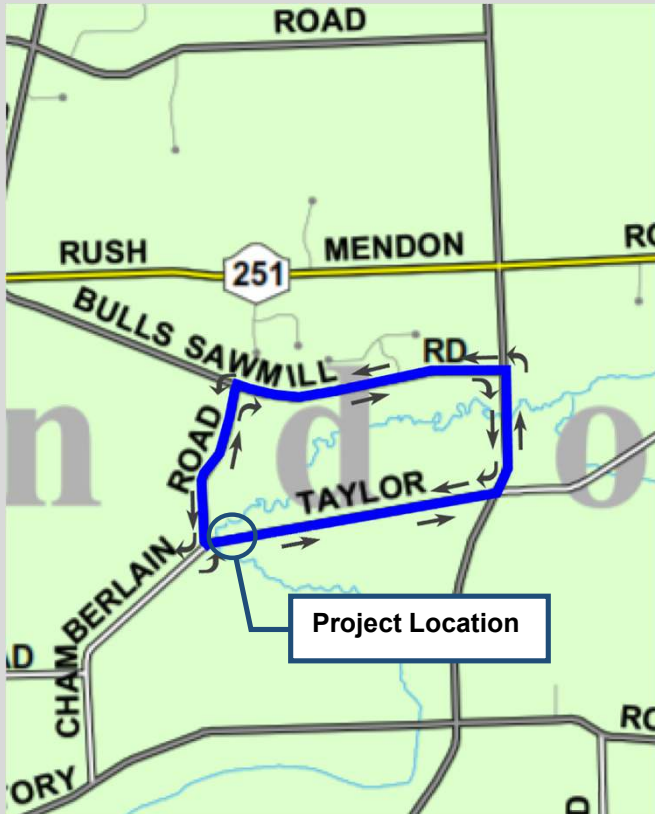
The proposed alternative includes the following features:

- Complete removal of the existing bridge.
- Installation of a new 37-ft. long precast concrete 3-sided rigid frame, with a 10-ft. high opening.
- The new structure will be supported narrow concrete footings, founded on piles.
- Placement of stone fill slope protection around the abutments and wingwalls to protect the structure from erosion and scour.
- Full reconstruction for 150-ft. of Taylor Road at the location of the new bridge, consisting of 11-ft. travel lanes and 6-ft. shoulders.
- Mill and resurface 100-ft. of road at each end of the reconstruction section and transition travel lanes and shoulders to match the existing.
- Installation of new box-beam guide rail.
- Relocation of several utility poles to allow adequate access for construction.
- Installation and/or replacement of traffic signs to meet current standards.



Maintenance & Protection of Traffic:

- The project will require closure of Taylor Road at the project limits.
- Traffic will follow an off-site detour for the duration of construction.
- The detour will be approximately 2.6 miles long.



Right of Way:

- The acquisition of Easements along portions of the properties adjacent will be required.
- The easements will be needed for construction of the bridge and for future maintenance of the bridge.
- Affected property owners will be contacted during final design.

Schedule:

- Preliminary Design – Ongoing
- Final Design – Completion in 2024
- Construction Bidding – Fall of 2024
- Construction – 2025 (Expected 5-month duration)

Funding:

The project is designated a Locally Administered Federal Aid (LAFA) Project. The breakdown of funding is as follows:

- Federal: 80%
- State: 15%
- Monroe County 5%

Comments, Questions & Concerns:

Comments may be submitted by completing a Public Comment Form and submitting to Monroe County, or feel free to contact Karen Cox at her contact below.

Karen Cox, P.E.

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Chief of Highway and Bridge Engineering
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Phone: (585) 753-7742

Additional Information:

For additional information, visit the County's website at:

<https://www.monroecounty.gov/dot-construction>

