Project Construction Process

•Traffic will be controlled by an off-site detour.

•The abandoned culvert will be removed.

•The existing culvert (M028) will be replaced.

•The proposed 3-sided precast culvert will be installed.

•A portion of Millens Bay Road will be repaved.

•New proposed guiderail and pavement markings will be installed.

Traffic Control

A 14-mile off-site detour (See Figure D) will be planned, and message boards will be used providing several weeks of advance notice to the traveling public. The proposed detour will lead traffic on county roads, including County Road 8 (Millens Bay Road), County Road 4 (Rosiere Road), County Road 9 (St. Lawrence Road), and County Road 5 (Three-Mile Creek Road). This detour will add approximately 16 minutes to the traveling public's commute.

Access to all adjoining properties will be maintained during construction. Local emergency services and school districts will be notified of the project.



Figure D: Work Zone Traffic Control Detour Plan

Construction Funding

This project is 100% state funded.

Project Schedule

Construction is anticipated to begin May 2027 and last an estimated 5 months.

Project Team

Jefferson County – Project Sponsor

NYSDOT – Project Liaison and Reviewing Agency

Azar Design Co – Lead Consultant

Questions or Comments?

Any questions, comments or opinions regarding the effect that the project will have on you, or your community are welcomed to be shared with us. For concerns or comments regarding the project, please send them to us by mail or e-mail using contact information that can be found below. All comments must be received by **November 20th, 2026.**

Contact Information

Azar Design Co
435 New Karner Road,
Albany, NY 12205
Office: 518-452-1037 x232
Email: mmoore@azardzn.com

To See Some of the Projects We've Completed, Visit Our Website

http://www.azardzn.com/

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Public Information Summary

Millens Bay Road over Shaver Creek Culvert Replacement

Town of Lyme, New York
PIN 7754.45





Jefferson County Highway Department
21897 County Rt 190
Watertown, NY 13601

Project Objectives

The existing Millens Bay Road culvert located in the Town of Lyme has exceeded its useful service life. The objective of this project is to mitigate the reduced flow due to the abandoned culvert and replace the deteriorated culvert to provide a stream crossing with an anticipated life of 50 years. This will minimize routine maintenance.

Existing Structure

The existing 34’-6” long x 14’-3” wide culvert is a corrugated metal pipe arch, concrete abutments, and concrete wingwalls.

Existing Structural Concerns

•The existing culvert has cracking, exposed reinforcement, delamination, and detached bolts.

•The existing wingwalls have delamination, exposed reinforcement, and are beginning to tip.

•The existing headwalls have delamination, exposed reinforcement, and detachment from the culvert.

•The existing abandoned culvert (See Figure A) is causing erosion and reduced water flow.

•The existing guide rail on the East is heavily damaged due to previous vehicle impacts.

•Missing guide rail on the West was removed due to vehicle impact.

Proposed Structure

The proposed structure will be a 33’-6” long 3-sided precast concrete box culvert (See Figure C). The culvert will be paved over with asphalt and new guide railing, and pavement markings will be furnished.

Culvert Replacement

The existing structure has extensive deterioration of multiple elements. Replacing the existing culvert and removing the abandoned culvert will allow safety, structural, erosion, and flooding concerns to be addressed at the same time.

Improved Conditions

•Proposed culvert opening will be higher and wider, mitigating flooding risks.

•Improved water flow due to removal of abandoned culvert.

•Guide rail will be upgraded to meet current standards.

•Proposed culvert will have an anticipated life of 50 years.



Figure A: Abandoned Culvert (Old Millens Bay Rd.)



Figure B: Millens Bay Road (Looking North)

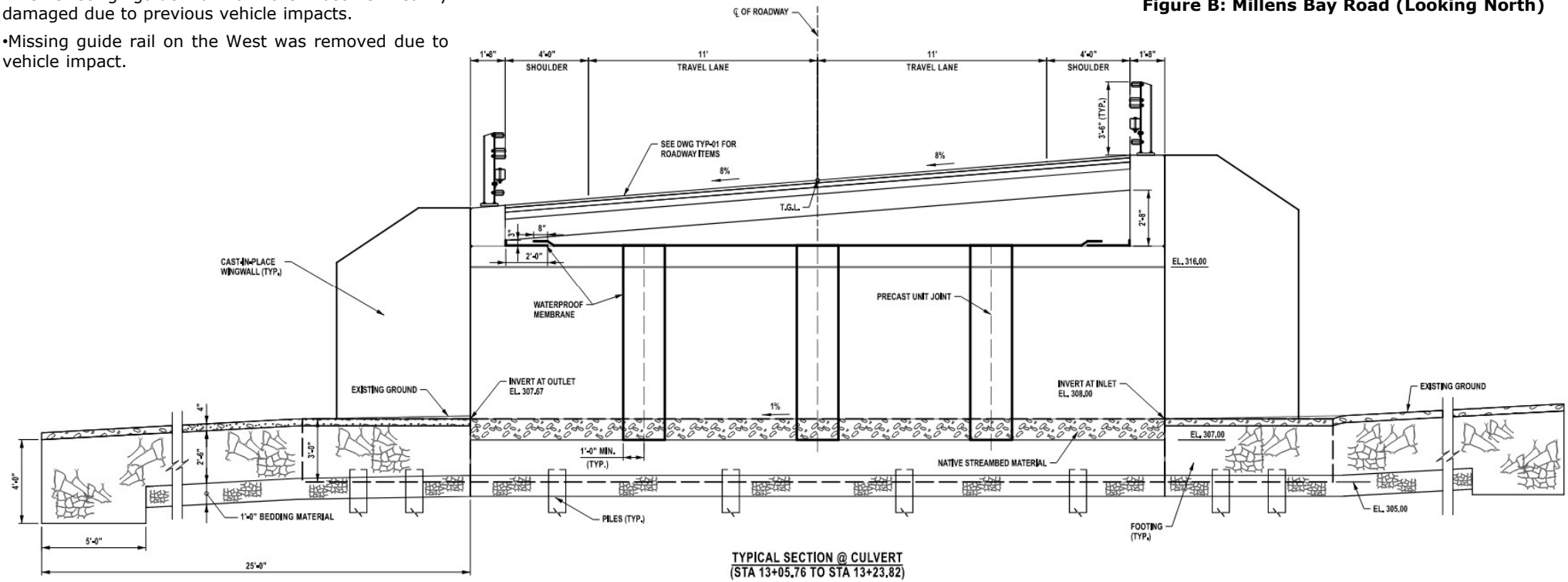


Figure C: Proposed Typical Section at Culvert