



Lewis County Kotel Road over South Branch Crystal Creek Culvert Replacement

Town of Watson, New York

Project Objectives

Address as many deficiencies as practicable and restore the long term structural integrity of the culvert using cost effective techniques to minimize the cost of maintenance and repairs.

Proposed Alternative

The proposed alternative is to completely remove the existing crossing and replace it with a new precast concrete box culvert. The crossing will be replaced on a similar horizontal alignment and roadway profile. New cast-in-place concrete wingwalls will be constructed at each quadrant and stone fill will be placed to stabilize the stream banks. Approximately 310 feet of Kotel Road will be reconstructed including subbase, pavement and guide railing to tie the culvert into the existing approaches.

Work Zone Traffic Control

Traffic will be maintained using an off-site detour for the duration of construction. The proposed signed detour route will be 1.3 miles long, and will take approximately 2 minutes to drive, consisting of Ossont Rd and Muncy Rd. No accommodations for pedestrians or cyclists are planned as part of the detour. Access for all local residences on Kotel Road and access to private driveways within the project limits will be maintained throughout the duration of construction.

Hydraulics

Based on a hydraulic analysis, the existing culvert is not adequately sized with an open area of 28.27 ft². The proposed structure will improve the hydraulic open area to 108.81 ft² and will lower the backwater elevation for the 50-year storm from 902.79 feet to 898.98 feet. The proposed structure satisfies all NYSDOT hydraulic requirements.

Right-Of-Way

The existing highway boundary along Kotel Road is 49.50 feet. Four FEE takings and four temporary easements (TEs) will be required for excavation, installation of the culvert, and installation of permanent stone fill scour protection. The proposed FEE takings will total 0.073 acres and the proposed TEs will total 0.096 acres.

Structure

Information

Year Constructed:

Existing

Unknown

Proposed

2026

Type:

Corrugated
Metal Pipe

Precast
Concrete Box

Overall Width:

20'-0"

30'-6"

Lane Width:

9'-0"

9'-0"

Shoulder Width:

1'-0"

4'-0"

Span Length:

6'-0"

19'-6"

Service Life:

N/A

75 Years

Anticipated Construction Cost:

\$842,000





Anticipated Environmental Classification

- New York State Environmental Quality Review Act (SEQRA) – Type II

Anticipated Schedule

Design Complete – September 2025

Start Construction – May 2026

Complete Construction – October 2026

Contact Information

More information can be found on the Lewis County Highway Department website at <https://lewiscountyny.gov/departments/highway/> or viewed in person at the Lewis County Highway Department.

This information is being provided digitally to allow interested parties to review the project plans at their own leisure, comment and ask questions of the Lewis County Highway Department. Questions and/or comments must be submitted to the Lewis County Highway Department by March 28th, 2025 and can be sent to John Reed at johnreed@lewiscounty.ny.gov or Lewis County Highway Department, 7361A East Road, Lowville, NY 13367.

Correspondence regarding this project should make reference to:
PIN 7754.24

Replacement of the Kotel Road Culvert over South Branch Crystal Creek
Town of Watson, Lewis County, New York

Lewis County:

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Kotel Road over South Branch Crystal Creek Proposed Detour Route:

