



Clinton County Guide Board Road over Middle Brook Bridge NY Culvert Replacement

Town of Black Brook, 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 repair.

Proposed Alternative

The proposed alternative is to replace the existing crossing with a new precast concrete box culvert on a similar horizontal alignment and roadway profile. The proposed structure will provide a widened waterway opening that matches the stream channel adjacent to the existing culvert. The new culvert will consist of precast concrete wingwalls and stone fill placed to stabilize the stream banks. Approximately 425 feet of Guide Board Road will be reconstructed to tie the proposed structure into the adjacent roadway sections.

Structure

Information

| | Existing | Proposed |
|-------------------|-----------------------|----------------------|
| Year Constructed: | 1970 | 2026 |
| Type: | Corrugated Metal Pipe | Precast Concrete Box |
| Overall Length: | 30'-6" | 33'-4" |
| Lane Width: | 10'-0" | 11'-0" |
| Shoulder Width: | 3'-0" | 4'-0" |
| Span Length: | 5'-0" | 14'-0" |

Anticipated Construction Cost:

\$1.255 million

Work Zone Traffic Control

Traffic will be maintained through an off-site detour for the duration of construction. The signed detour is 21.4 miles long (28 minutes driving time) and will consist of Silver Lake Road (CR 1), Water Street (NY-3), and Ore Bed Road.

Hydraulics

Based on a hydraulic analysis, the existing culvert is not adequately sized with an open area of 19.6 ft². The proposed structure will improve the hydraulic open area to 64.08 ft² and will lower the backwater elevation for the 50-year storm from 1139.94 feet to 1134.28 feet. The proposed structure satisfies all NYS DOT hydraulic requirements.

Right-Of-Way

The existing highway boundary width along Guide Board Road is 49.5 feet. Two FEE takings will be required for excavation, installation of the culvert, and the installation of permanent stone fill scour protection. The proposed FEE takings will total 0.126 acres.

Anticipated Environmental Classification

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





Anticipated Schedule

Design Complete – September 2025

Start Construction – July 2026

Construction Duration – 6-8 Weeks

Contact Information

More information can be found on the Clinton County Highway Department website at <https://www.clintoncountyny.gov/Departments/Highway/HWYHome.html> or viewed in person at the Clinton 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 Clinton County Highway Department. Questions and/or comments must be submitted to the Clinton County Highway Department by April 4th, 2025 and can be sent to Karl T. Weiss at Karl.Weiss@clintoncountyny.gov

Correspondence regarding this project should make reference to:
PIN 7754.20
Replacement of the Guide Board Road Culvert over Middle Brook
Town of Black Brook, Clinton County, New York

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Guide Board Road over Middle Brook Proposed Detour Route:

