



July 30, 2024

We will begin the presentation shortly



Public Information Meeting N.Y. Route 26 over Roaring Brook

Town of Martinsburg
Lewis County

PIN 7042.46 – BIN 1010060

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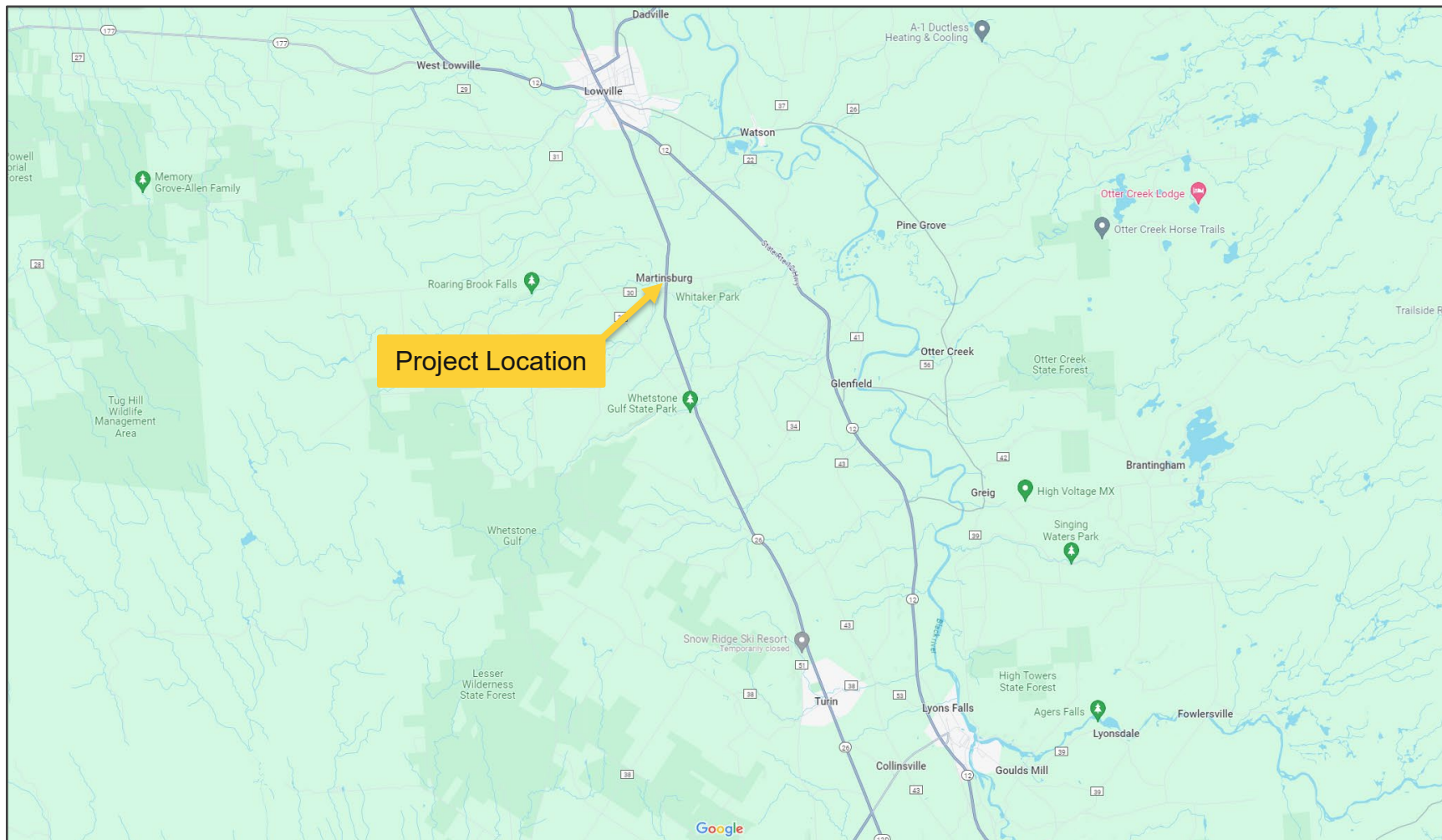
Introductions

- Randy Novak, Project Manager (Presenter)
- Other DOT representatives

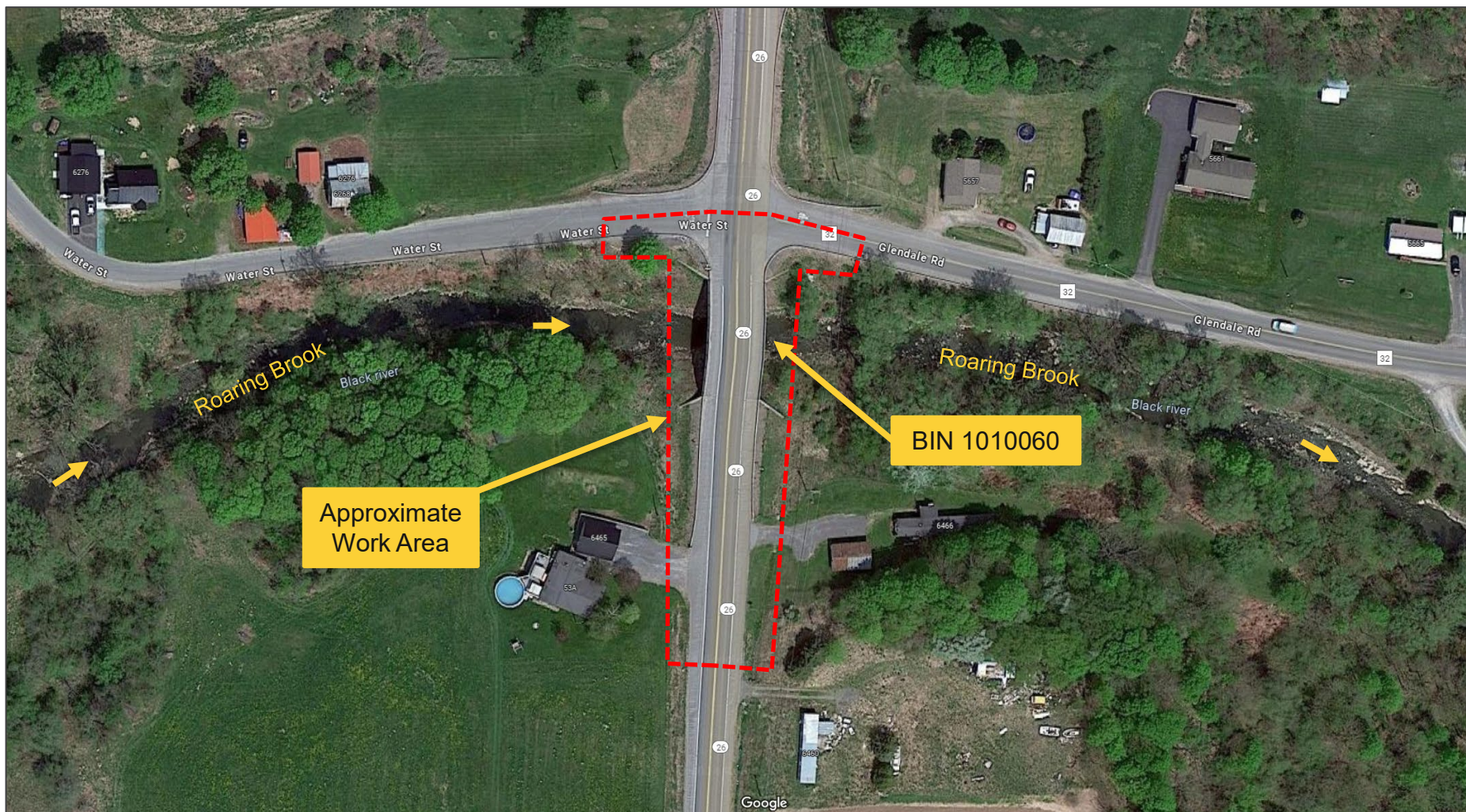
Overview

- Project Site Location
- Existing Bridge Details, Conditions and Concerns
- Flags and Maintenance Demands
- Project Objectives
- Preferred Alternative
- Existing vs. Proposed Structure
- Project Costs
- Current Project Schedule
- Overview of Work Zone Traffic Control (Offsite Detour)
- Questions
- Contact Information

Project Site Location



Project Site Location



Existing Bridge Details

- Single Span – 93' long
- Adjacent Concrete Box Beam Superstructure
- Conventional Reinforced Concrete Abutments Founded on Rock



East Bridge Elevation (Looking Southwest)



Bridge Superstructure (Looking East)



Begin Abutment under Bridge (Looking South)

Existing Conditions and Concerns

Given the service life of the existing structure, maintenance demands have increased as the bridge begins to age out of service.

In recent years, there has been an increase in flag frequency and severity leading to an increased demand on maintenance forces to keep the bridge open.

While the bridge remains safe, on-going issues related to the aging of the beams contribute to the need for rehabilitation.

The bridge is 46 years old (built in 1978) and is nearing the original estimated service life for the structure (50 years).



Flags and Maintenance Demands

- Bridge was placed on an annual inspection cycle following the 2021 inspection due to deteriorating elements of the bridge beams
- Structure has been R-restricted (no heavy vehicles) since January 2022 due to the results of the 2021 inspection



Flags and Maintenance Demands

- Regional Bridge Maintenance performed repairs in September and October 2023 to keep the bridge in service
- There are no active structural flags on the bridge



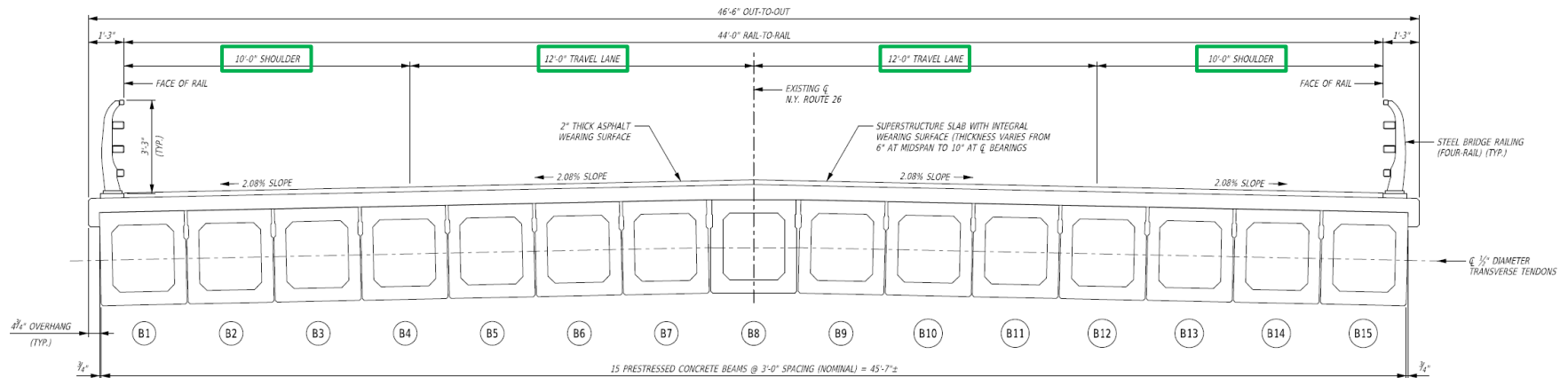
Project Objectives

- Extend the service life of the structure by approximately 30 years
- Increase the load carrying capacity of the structure
 - Remove the R-permit (heavy vehicle) restriction
- Reduce the life-cycle costs of maintenance and repairs
- Improve the overall condition of the structure

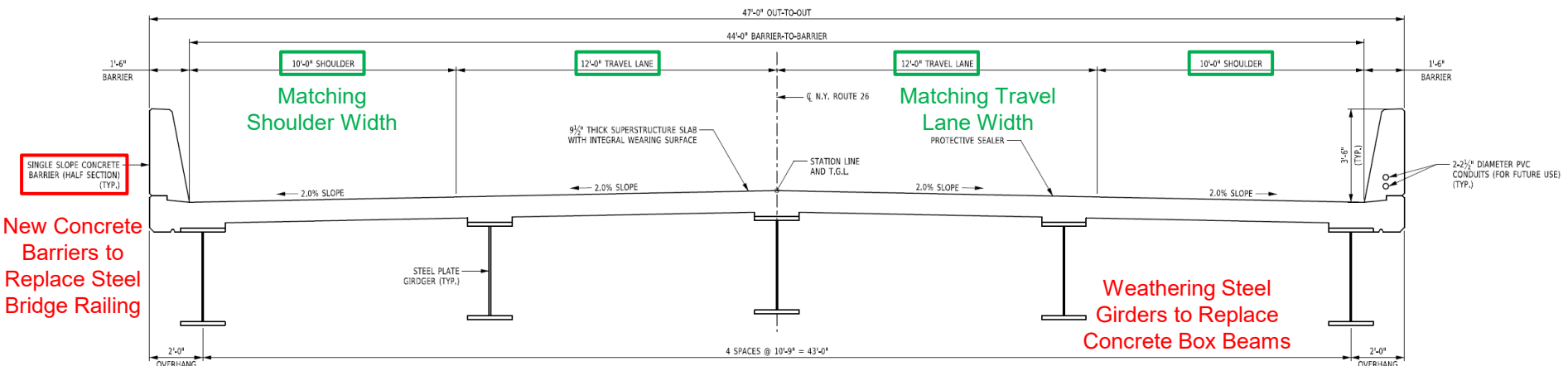
Preferred Alternative: Bridge Rehabilitation - Superstructure Replacement

- Complete replacement of the superstructure on the existing horizontal and vertical alignment
 - New bearings, approach slabs, concrete barrier and bridge transition railing
- Reconstruction of the abutments to accept the new weathering steel superstructure and function as semi-integral
- Minor highway reconstruction to tie in the new superstructure
 - N.Y. Route 26 approaches
 - Glendale Road (County Route 32)
 - Water Street

Existing vs. Proposed Bridge Typical Sections



Existing Typical Bridge Section
(Looking Upstation)
Not To Scale



Proposed Typical Bridge Section
(Looking Upstation)
Not To Scale

- No change in vertical profile

Project Costs



Current Project Schedule

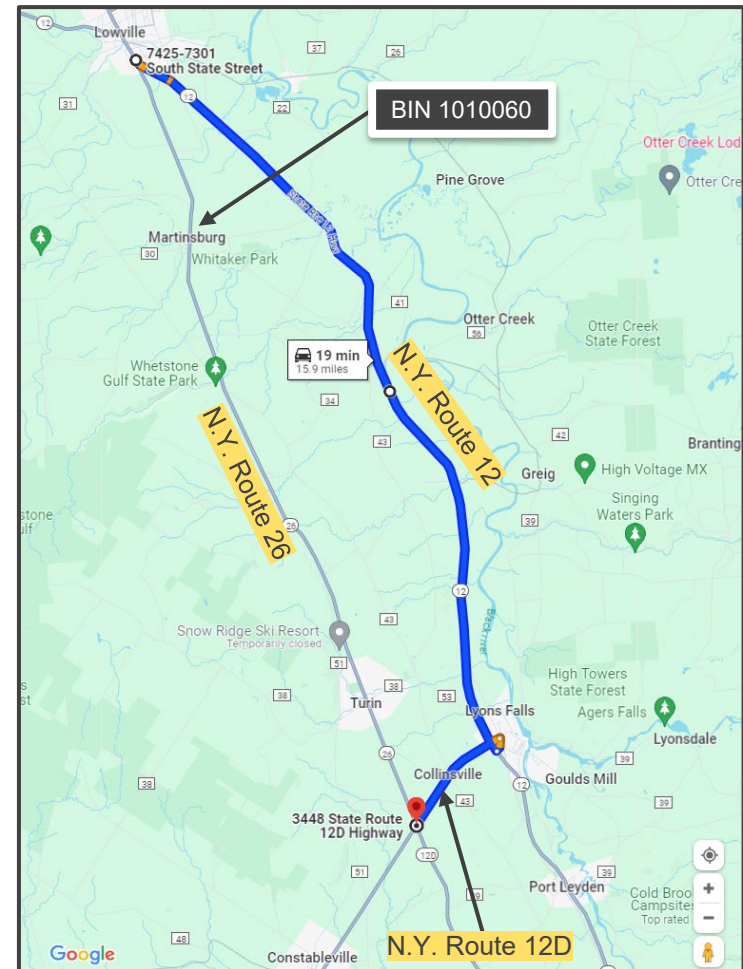
- Design Completion (PS&E): September 2024
- Contract Letting: December 2024
- Construction Begins: February 2025
- Construction Completed: November 2025

Note: These are estimated dates and may change as the project progresses

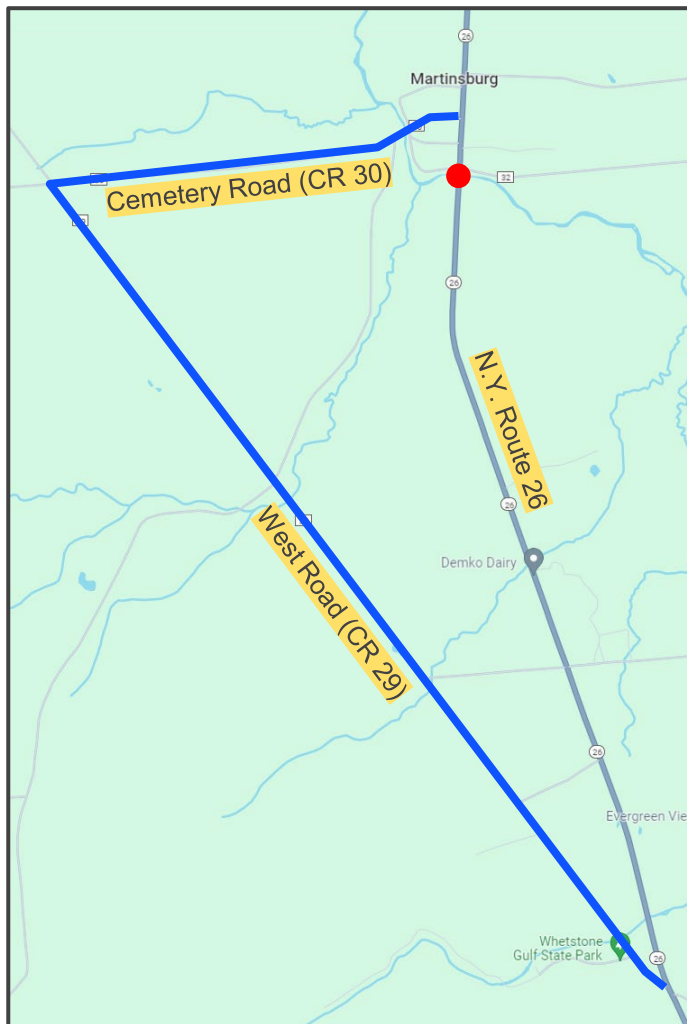
Work Zone Traffic Control: Official Off-Site Detour Route

- N.Y. Route 26 will need to be closed to accommodate the superstructure replacement and approach highway work (estimated to be a 6 month $\pm$ closure)
- Through traffic will be maintained via an official off-site detour route utilizing only state highways:
 - N.Y. Route 12
 - N.Y. Route 12D
- Increase in travel time for vehicular through traffic is approximately 3 minutes
- Local roads will be available for use during construction

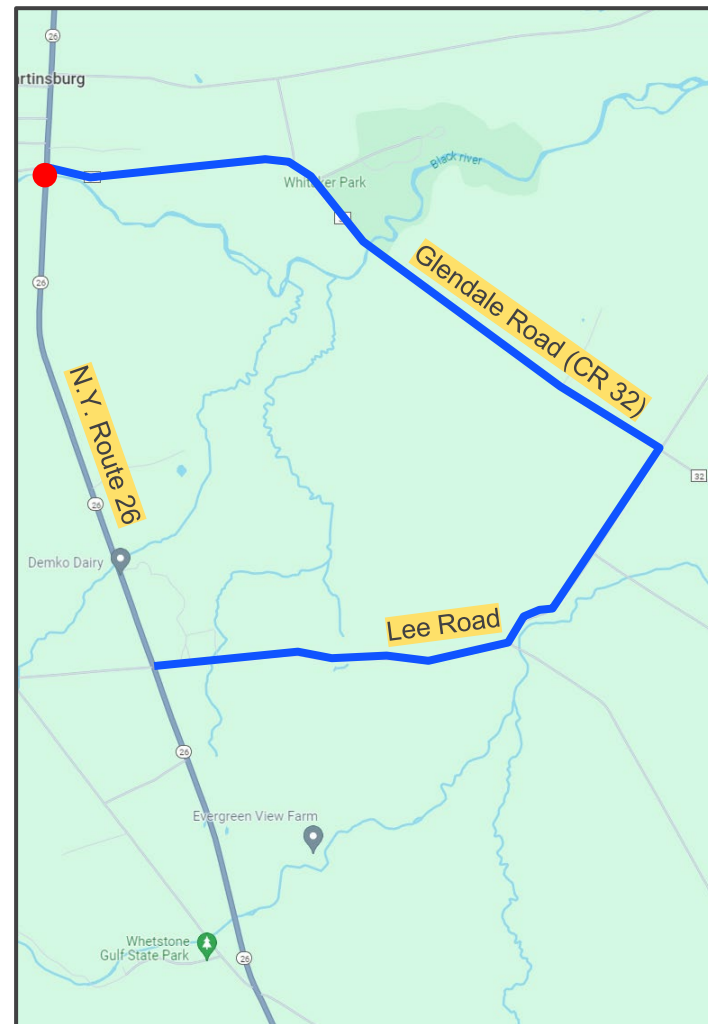
Official Off-Site Detour Route



Nearby Local Roads



Cemetery Road
(CR 30) to West
Road (CR 29)



Glendale Road
(CR 32) to Lee
Road

Questions?



Thank You for Your Participation!

Contact Information

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Reference Project Identification Number:
PIN 7042.46 – Bridge Rehabilitation
NY Route 26 over Roaring Brook

Thank You for Attending!

Project Website: <https://projectdocs.dot.ny.gov/>