

# Replacement of Two Culverts on Stone Road over Allen Creek Tributaries in Pittsford, NY

Public Outreach Video Presentation

February 2021



Culvert #1 - Stone Road over Allen Creek Tributary (west of Clover Street)



Culvert #2 - Stone Road over Allen Creek Tributary (east of Clover Street)





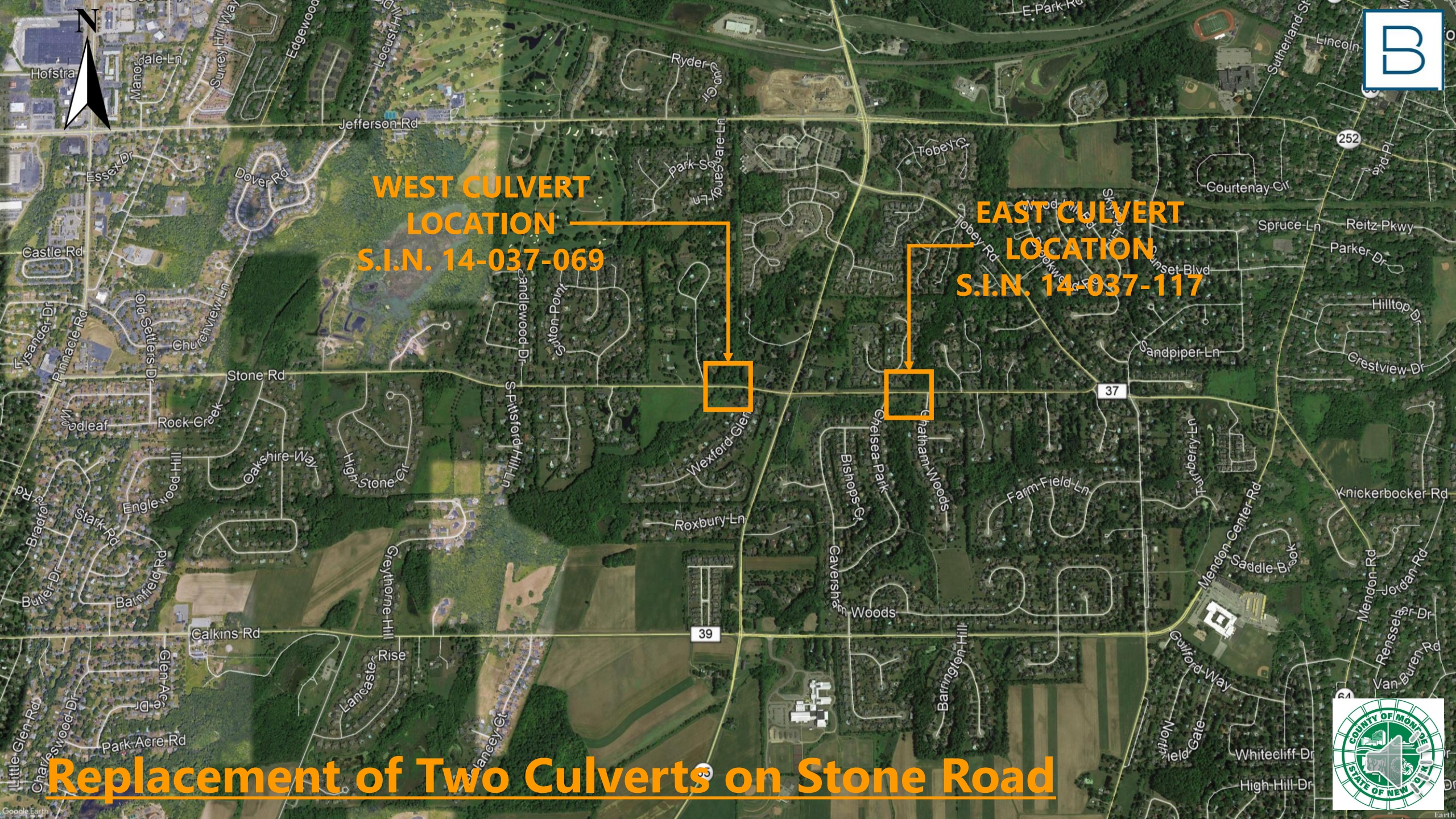
# Replacement of Two Culverts on Stone Road

Public Outreach via Video Presentation  
February 2021

This presentation is intended to allow interested parties to review the project details, comment and ask questions of Monroe County Department of Transportation and Consultant Design Staff.







**WEST CULVERT  
LOCATION  
S.I.N. 14-037-069**

**EAST CULVERT  
LOCATION  
S.I.N. 14-037-117**

# **Replacement of Two Culverts on Stone Road**







## Project Objectives

- Structural improvements to meet current codes and standards
- Hydraulic improvements to meet current codes and standards
- Geometric improvements to meet current codes and standards
- Improve bicycle and pedestrian accommodations
- Provide the most maintenance-friendly solution
- Improvements shall have longevity/durability
- Improvements shall provide a cost-effective solution







**Downstream view  
of north outlet**



**North outlet  
scaling/cracked  
concrete**



**South inlet**



**Spalling at joints**

Stoney Clover Lane

Stone Road

**West Culvert**  
**S.I.N. 14-037-069**

Wexford  
Glen







Chatham Woods

Merryhill Lane

Merryhill Ln



North outlet



Roof slab  
spalling

Stone Road



Roof slab  
spalling



South inlet  
scaling concrete

# East Culvert

S.I.N. 14-037-117

Chelsea Park





# Proposed Alternative & Structure Information



West Culvert – S.I.N. 14-037-069

## Proposed Alternative

- Replace the existing 3-sided concrete box culvert with a pre-cast 4-sided box culvert
- The culvert length would be increased to accommodate a future mixed-use trail along the south side of Stone Road to be constructed by the Town of Pittsford
- The new culvert would be realigned to better intercept the existing stream and improve site hydraulics
- No guide rail required on south side of culvert along Stone Road; bridge rail and guide rail to be installed along north side of Stone Road
- Paved shoulder width increased to 6'-0" at culvert





# Proposed Alternative & Structure Information

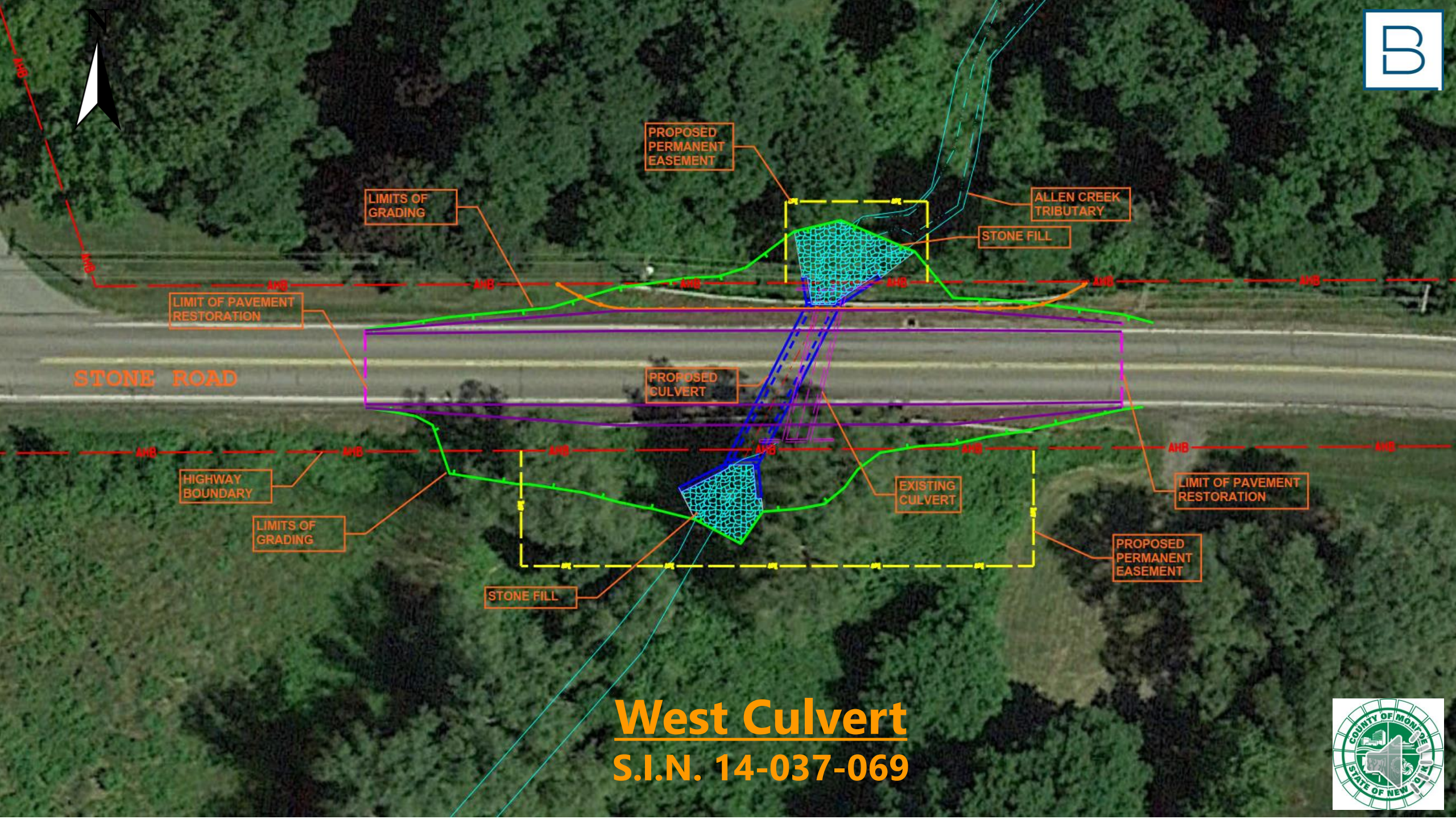
West Culvert – S.I.N. 14-037-069

## Structure Information

	Existing	Proposed
Year Constructed	1929	2023
Type	3-sided reinforced concrete	4-sided reinforced concrete with natural invert
Size	6'-0" span x 5'-6" opening (avg.)	6'-0" span x 5'-6" opening
Total Length	47'-4"	53'-8"







# West Culvert

## S.I.N. 14-037-069





# Proposed Alternative & Structure Information



East Culvert – S.I.N. 14-037-117

## Proposed Alternative

- Replace the existing 3-sided concrete box culvert and replace with a pre-cast 4-sided box culvert
- The culvert length would be increased to accommodate a future mixed-use trail along the south side of Stone Road to be constructed by the Town of Pittsford
- The new culvert would be realigned to better intercept the existing stream and improve site hydraulics
- No guide rail required on north or south side of culvert
- Paved shoulder width being increased to 6'-0" at culvert





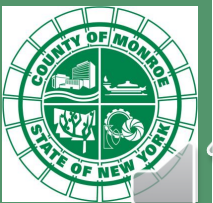
# Proposed Alternative & Structure Information



East Culvert – S.I.N. 14-037-117

## Structure Information

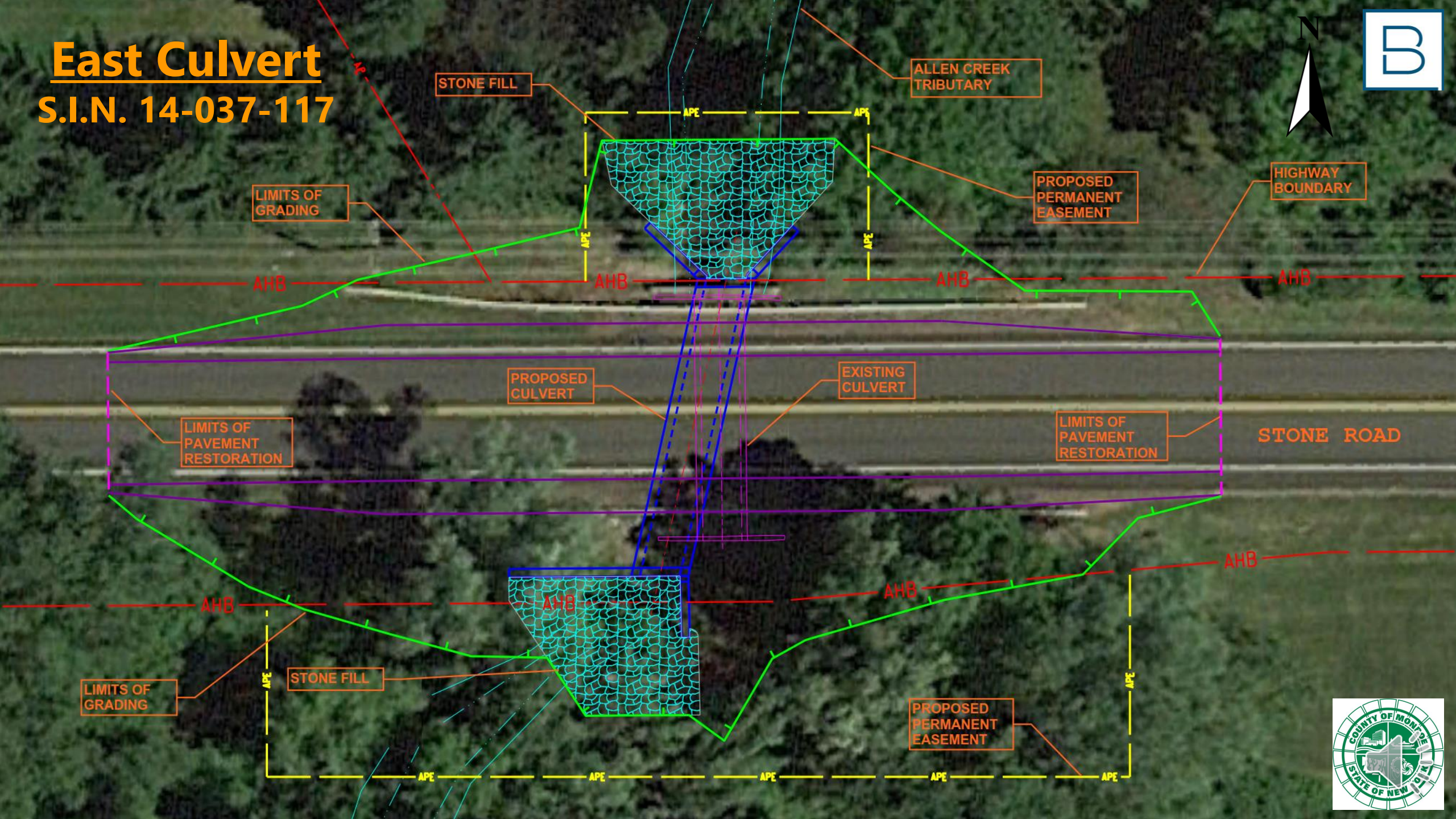
	<b>Existing</b>	<b>Proposed</b>
Year Constructed	1929	2023
Type	3-sided reinforced concrete	4-sided reinforced concrete with natural invert
Size	7'-0" span x 7'-0" opening (avg.)	7'-0" span x 7'-0" opening
Total Length	44'-2"	54'-10"





# East Culvert

S.I.N. 14-037-117







# General Information



## Additional Right-of-Way

- Additional Right-of-Way acquisition is required
- Permanent and temporary easements on the north and south sides of Stone Road at both culvert locations will be required to facilitate construction and future maintenance
- Monroe County will reach out to owners whose property will be impacted by construction activities

## Environmental Classification & Permits

- SEQR Type II
- NYSDEC Section 401 Water Quality Certification
- USACE Section 404 Nationwide Permit

## FEMA/Pittsford Requirements

- No-rise
- Floodplain Development







# General Information



## Construction Sequencing

- Construction of culverts to be completed sequentially; construction of one culvert completed before another begins
- Construction of each culvert is expected to last approximately 3.5 months

## Road Closures

- Construction will require full closure of the roadways; detours will be posted (max detour is ~3.3 miles / 5 minutes)

## Pedestrian Access

- Construction will require full closure of the roadways; the culverts will be closed to pedestrians and bicyclists during construction

## Typical Work Hours

- Monday – Friday, 7am – 4pm
- No night work is proposed





# General Information

## Maintenance of Traffic – West Culvert

- Road closed between Stoney Clover Lane and Wexford Glen
- Access to Town of Pittsford Wexford Open Space will be maintained

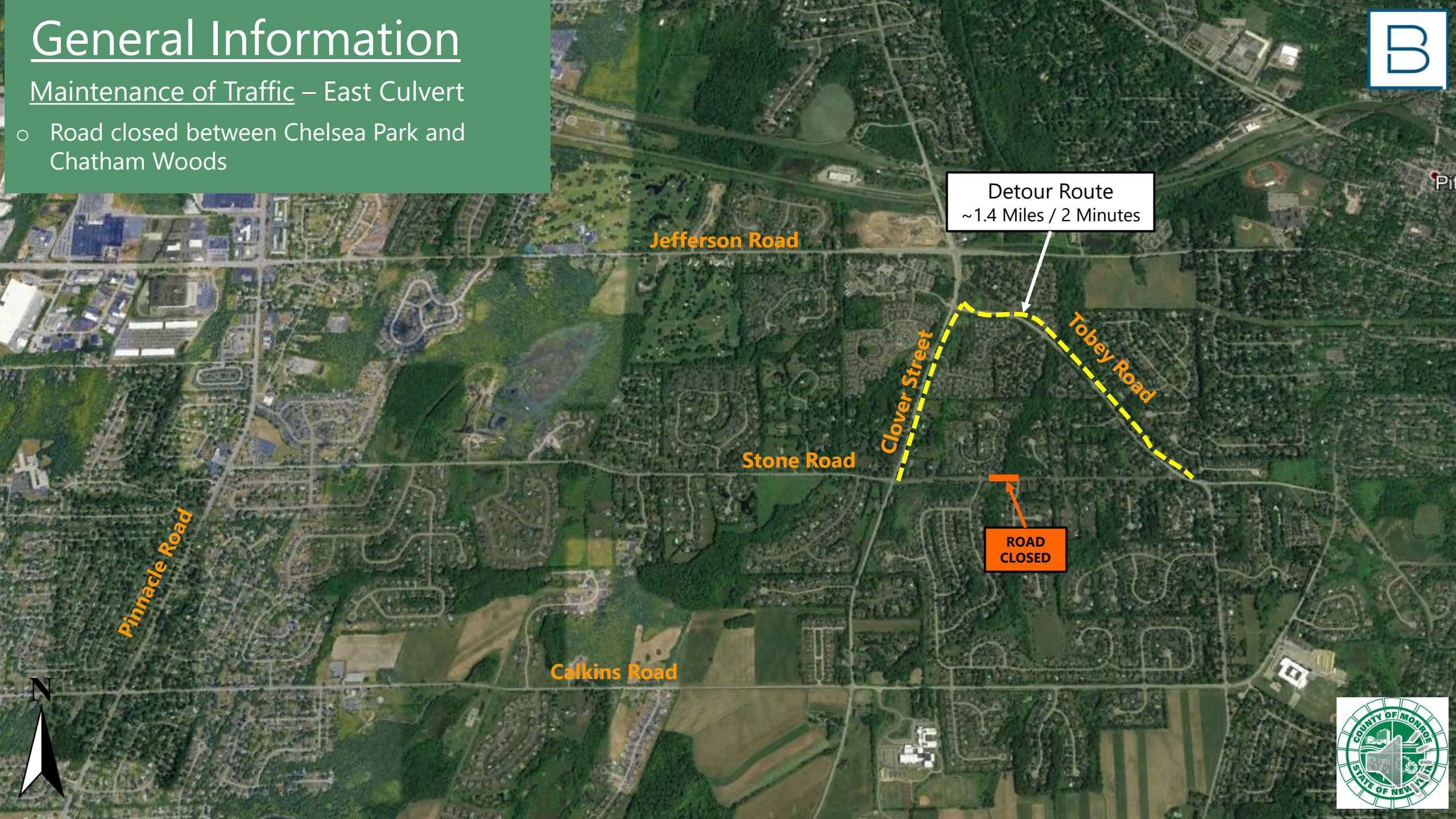




# General Information

## Maintenance of Traffic – East Culvert

- Road closed between Chelsea Park and Chatham Woods



Detour Route  
~1.4 Miles / 2 Minutes

Jefferson Road

Stone Road

Pinnacle Road

Calkins Road

Clover Street

Tobey Road

ROAD  
CLOSED







# General Information



## Anticipated Schedule

- Bidding will occur in fall 2022
- Construction will occur in summer 2023 lasting about 7 months, weather permitting.
- Utility relocation work may occur prior to the start of culvert construction
- The County will coordinate construction with the Town of Pittsford, Pittsford School District and emergency service providers.

## Budget/Funding

- Project will be funded by Monroe County and the Town of Pittsford
- Budget
  - Construction - \$1,250,000







# Questions or Comments



Additional project information and project updates are also available on the Monroe County Department of Transportation website at [www.monroecounty.gov/dot-construction](http://www.monroecounty.gov/dot-construction)

Please submit comments no later than  
Sunday February 28, 2021

## Contact Person

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