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)

DUE TO CURRENT STATEWIDE COVID-19 HEALTH EMERGENCY RESTRICTIONS, THE PUBLIC OUTREACH WILL BE CONDUCTED VIA THIS VIDEO PRESENTATION AND PAMPHLET DISTRIBUTION. NO PUBLIC MEETING WILL BE HELD.
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.
Replacement of Two Culverts on Stone Road

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

EAST CULVERT
LOCATION
S.I.N. 14-037-117
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
West Culvert
S.I.N. 14-037-069

Downstream view of north outlet

North outlet scaling/cracked concrete

Spalling at joints

South inlet

Stone Road
East Culvert
S.I.N. 14-037-117
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

<table>
<thead>
<tr>
<th></th>
<th>Existing</th>
<th>Proposed</th>
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<tbody>
<tr>
<td>Year Constructed</td>
<td>1929</td>
<td>2023</td>
</tr>
<tr>
<td>Type</td>
<td>3-sided reinforced concrete</td>
<td>4-sided reinforced concrete with natural invert</td>
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<tr>
<td>Size</td>
<td>6'-0” span x 5’-6” opening (avg.)</td>
<td>6’-0” span x 5’-6” opening</td>
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<tr>
<td>Total Length</td>
<td>47’-4”</td>
<td>53’-8”</td>
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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

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Year Constructed</td>
<td>1929</td>
<td>2023</td>
</tr>
<tr>
<td>Type</td>
<td>3-sided reinforced concrete</td>
<td>4-sided reinforced concrete with natural invert</td>
</tr>
<tr>
<td>Size</td>
<td>7’-0” span x 7’-0” opening (avg.)</td>
<td>7’-0” span x 7’-0” opening</td>
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<tr>
<td>Total Length</td>
<td>44’-2”</td>
<td>54’-10”</td>
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General Information

Additional Right-of-Way
  o Additional Right-of-Way acquisition is required
  o 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
  o Monroe County will reach out to owners whose property will be impacted by construction activities

Environmental Classification & Permits
  o SEQR Type II
  o NYSDEC Section 401 Water Quality Certification
  o USACE Section 404 Nationwide Permit

FEMA/Pittsford Requirements
  o No-rise
  o 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

Detour Route
~3.3 Miles / 5 Minutes
General Information
Maintenance of Traffic – East Culvert
- Road closed between Chelsea Park and Chatham Woods

Detour Route
~1.4 Miles / 2 Minutes
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

Please submit comments no later than Sunday February 28, 2021

Contact Person

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