

State Project No. 0134-0151

Public Information Meeting



Replacement of Existing Stone Culvert
Under Route 19 (East Street)
Town of Stafford, CT
May 29, 2025



MEETING AGENDA

- **Introductions**
- **Project Handout**
- **Civil Rights Flyer**
- **Project Presentation**
- **Open House Q&A Session**

Project Webpage:

<https://portal.ct.gov/DOTStafford0134-0151>

PROJECT PERSONNEL



Connecticut Department of Transportation



Nick Ivanoff
Project Manager



Eric Smith
Project Engineer



Kathleen Ericson
CTDOT Rights of Way



Ahsan Saghir
Project Manager



Christopher van Olden
Project Engineer



Jack Speer
Traffic Engineer

POST-MEETING COMMENTS



COMMENT FORM
STATE PROJECT NUMBER: 0134-0151
REPLACEMENT OF EXISTING STONE CUVERT UNDER ROUTE 19 (EAST STREET)
IN THE TOWN OF STAFFORD

NAME: _____
ADDRESS: _____
TELEPHONE: _____
CALL: DATE: _____

Mr. SCOTT BUSHEE, P.E.
PRINCIPAL OF HIGHWAY DESIGN
CONNECTICUT DEPARTMENT OF TRANSPORTATION
P.O. Box 317546
NEWINGTON, CT 06131-7546

STATE PROJECT 0134-0151
ATTN. NICHOLAS IVANOFF

ALL COMMENTS ARE DUE BY JUNE 12, 2025

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Fold Along Dashed Line

CTDOT
CONNECTICUT
TRANSPORTATION

ADDITIONAL INFORMATION

CONSTRUCTION COST: \$2.7 million

SCHEDULE: Advertising for Bids
Anticipated Construction Start
June 24, 2026
Spring 2027

COMMENTS AND FURTHER INFORMATION

All comments and recommendations made at this meeting will receive careful consideration by the Connecticut Department of Transportation. As a result of the information gained at this meeting, some of you may have additional questions or comments. Additional statements, made in writing, can be mailed to:

Mr. Scott Bushee, P.E.
Principal Engineer
Connecticut Department of Transportation
P.O. Box 317546
Newington, Connecticut 06131-7546

or e-mailed to: DOTProject0134-0151@ct.gov

>> Comments are appreciated by June 12, 2025 <<
Please reference — Subject: Project No. 0134-0151
and provide contact information if you would like a direct response

Thank you for attending and we look forward to your feedback!

Please take a minute to fill-out the "Voluntary Feedback Survey" below, so that we may continue to improve on our public outreach efforts.

Voluntary Feedback Survey
<https://portal.ct.gov/ctdotsurvey>

Project Website:
<https://portal.ct.gov/DOTStafford0134-0151>

5

Title VI – Your Civil Rights

No person shall, on the basis of race, color, or national origin, be excluded from participation or subject to discrimination in the development of this project.

- Voluntary Post-Meeting Survey:
 - <https://portal.ct.gov/ctdotsurvey>



- Civil Rights information:
 - <https://portal.ct.gov/dot/equity/title-vi>





Connecticut Department of Transportation

Title VI Notice to the Public

The Connecticut Department of Transportation (CTDOT) operates its programs and services without regard to race, color, and national origin in accordance with Title VI of the Civil Rights Act. Any person who believes she or he has been aggrieved by any unlawful discriminatory practice under Title VI may file a complaint with the CTDOT.

For more information on the CTDOT's civil rights program, and the procedures to file a complaint, contact the CTDOT Title VI Coordinator at (860) 594-2169, TRS 711; Debra.Goss@ct.gov; or visit our administrative office at 2800 Berlin Turnpike, Newington, CT 06131. For more information, visit www.ct.gov/dot.

A complainant may file a complaint directly with the Federal Transit Administration by filing a complaint with the FTA Office of Civil Rights, Attention: Title VI Program Coordinator, East Building, 5th Floor-TCR, 1200 New Jersey Ave., SE, Washington, DC 20590

A complainant may file a complaint directly with the Federal Highway Administration by filing a complaint with the FHWA Office of Civil Rights, Attention: Title VI Program Coordinator, 8th Floor E81-105, 1200 New Jersey Ave., SE, Washington, DC 20590

如需更多信息或免费语言协助，请致电 (860) 594-2109

Para información adicional, o asistencia lingüística gratuita, por favor llame al (860) 594-2109

Per informazioni aggiuntive o assistenza linguistica gratuita, chiamare il numero (860) 594-2109

Para obter mais informações, ou para auxílio gratuito em outro idioma, ligue para (860) 594-2109

Aby uzyskać dodatkowe informacje lub bezpłatną pomoc tłumacza, proszę dzwonić pod numer (860) 594-2109

Для получения подробной информации или бесплатных услуг перевода звоните по телефону (860) 594-2109

Pou jwenn plis enfòmasyon, oswa asistans ak lang gratis, ranpri re (860) 594-2109

للمزيد من المعلومات أو للحصول على مساعدة لغوية مجانية، يرجى الاتصال بالرقم (860) 594-2109

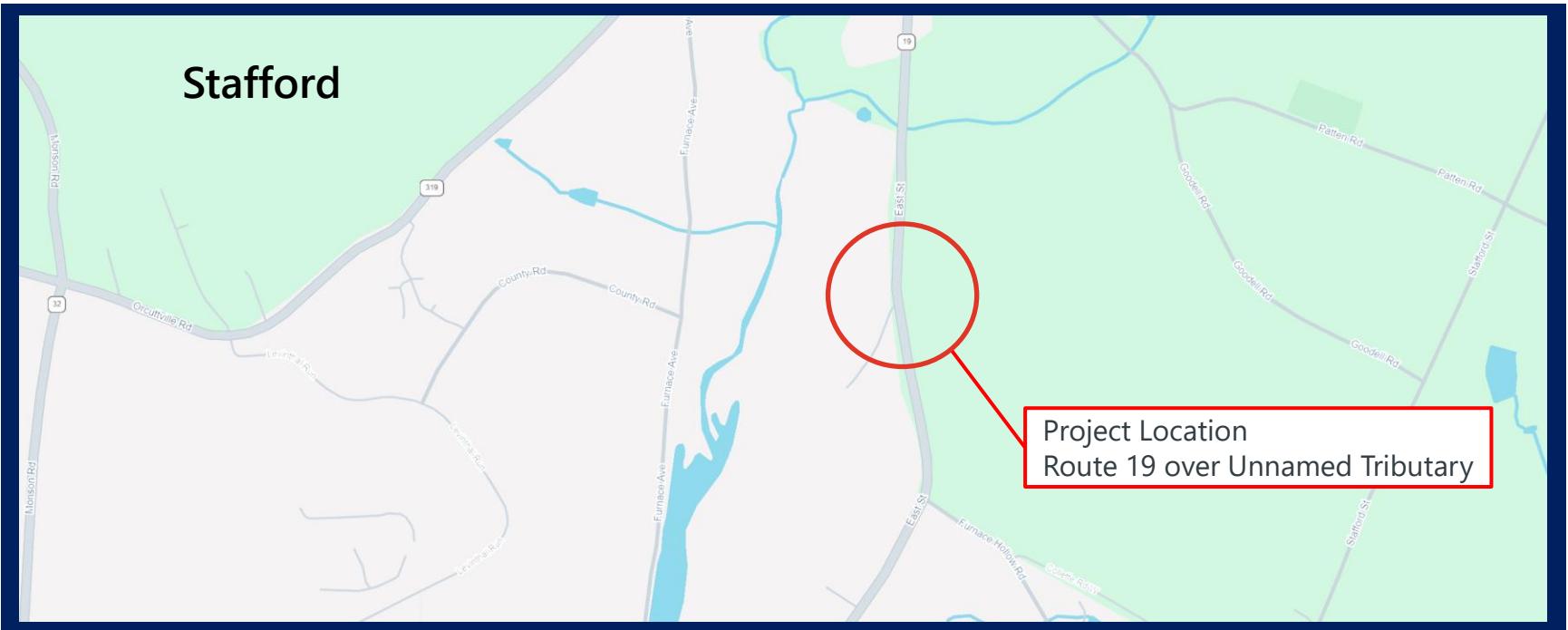
Si vous souhaitez en savoir plus ou bénéficier d'une assistance linguistique gratuite, merci de composer le numéro suivant (860) 594-2109

अधिक जानकारी या निःशुल्क भाषा संवेदी महायाता के लिए कृपया (860) 594-2109 पर कॉल करें।

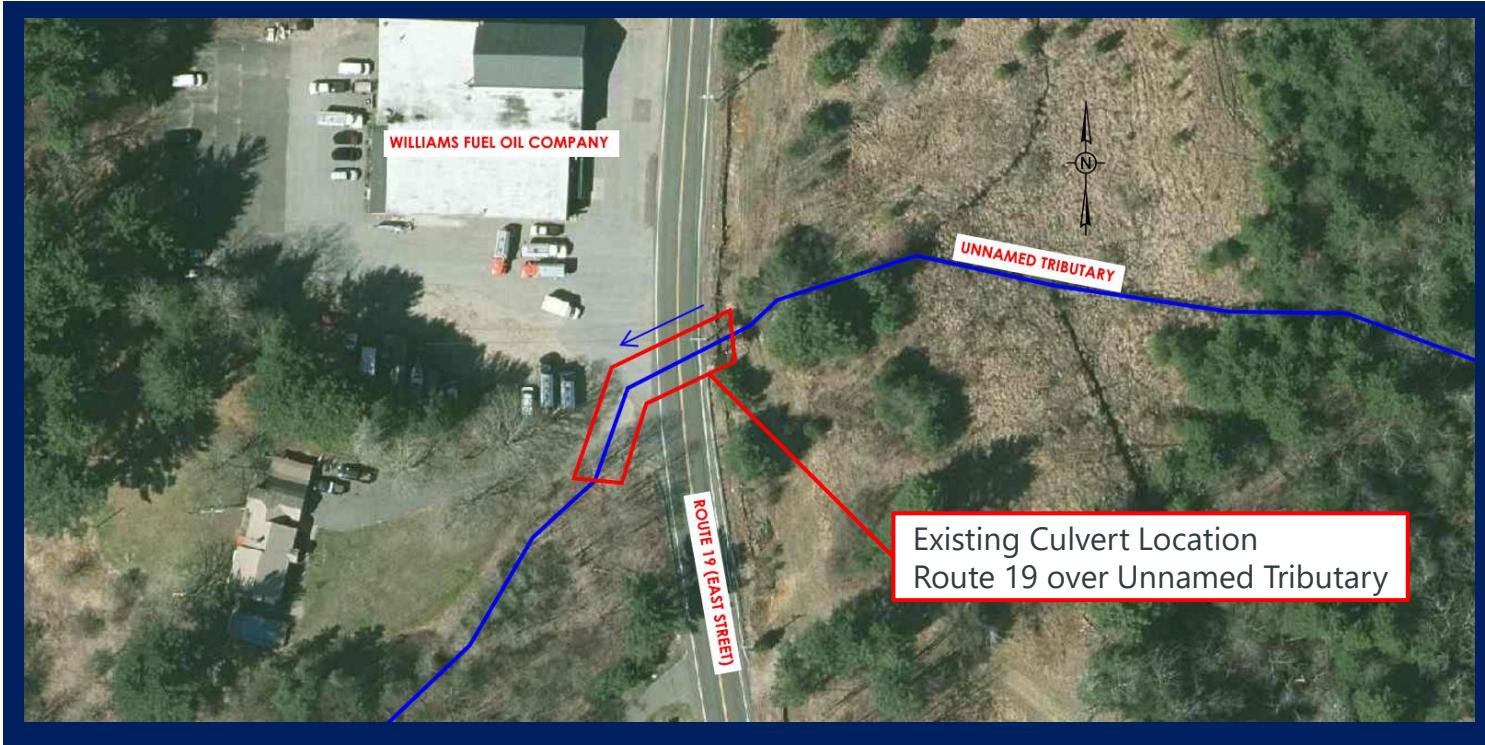
추가 정보가 필요하거나 무료 언어 지원이 필요하시면 (860) 594-2109로 전화주십시오.

Để có thêm thông tin hoặc hỗ trợ ngôn ngữ miễn phí, vui lòng gọi (860) 594-2109

LOCATION MAP

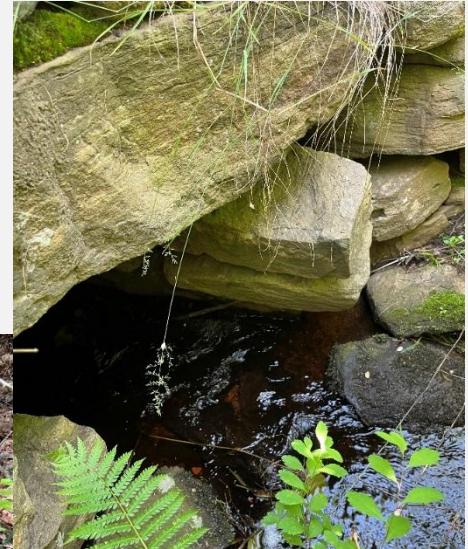


LOCATION MAP - AERIAL

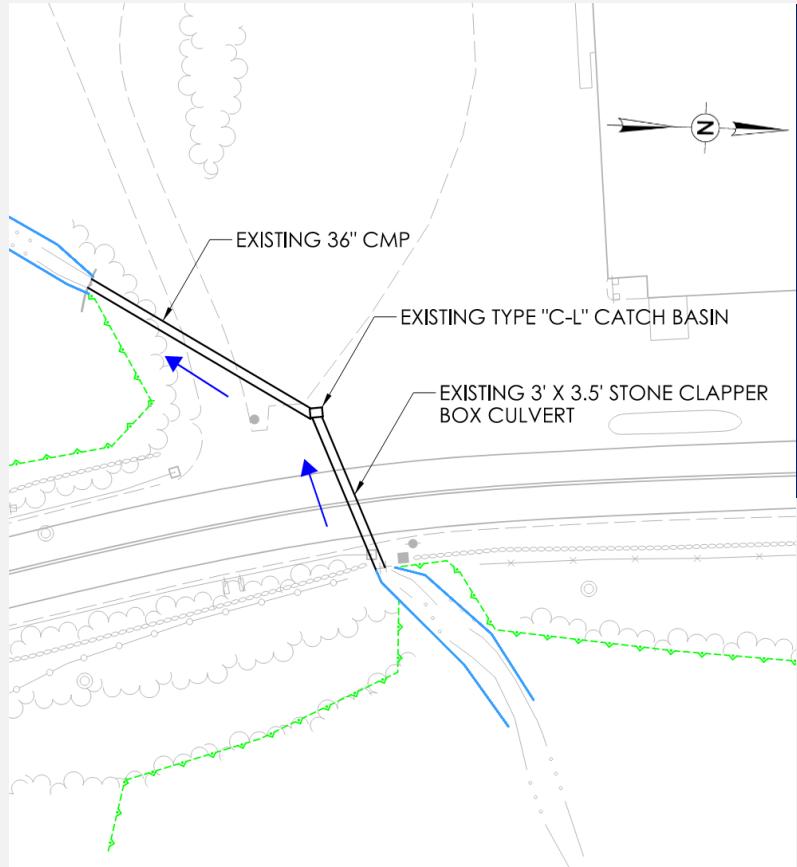


PURPOSE AND NEED

- Existing culvert in poor condition
- Bulging and displaced stones
- Roadway drainage concerns
- Roadside safety substandard



EXISTING STRUCTURE



3' X 3.5' stone clapper box culvert and 36" CMP

- Unknown construction date, extended in 1946
- 55 ft long stone box and 81 ft CMP (136 ft Total)
- 2.2 feet of cover
- Drainage area = 0.6 sq.mi.
- 50-Year Design Storm = 270 cfs
- Outlet Velocity = 6.6 fps

EXISTING INLET AND OUTLET ELEVATIONS



Partial Inlet Elevation



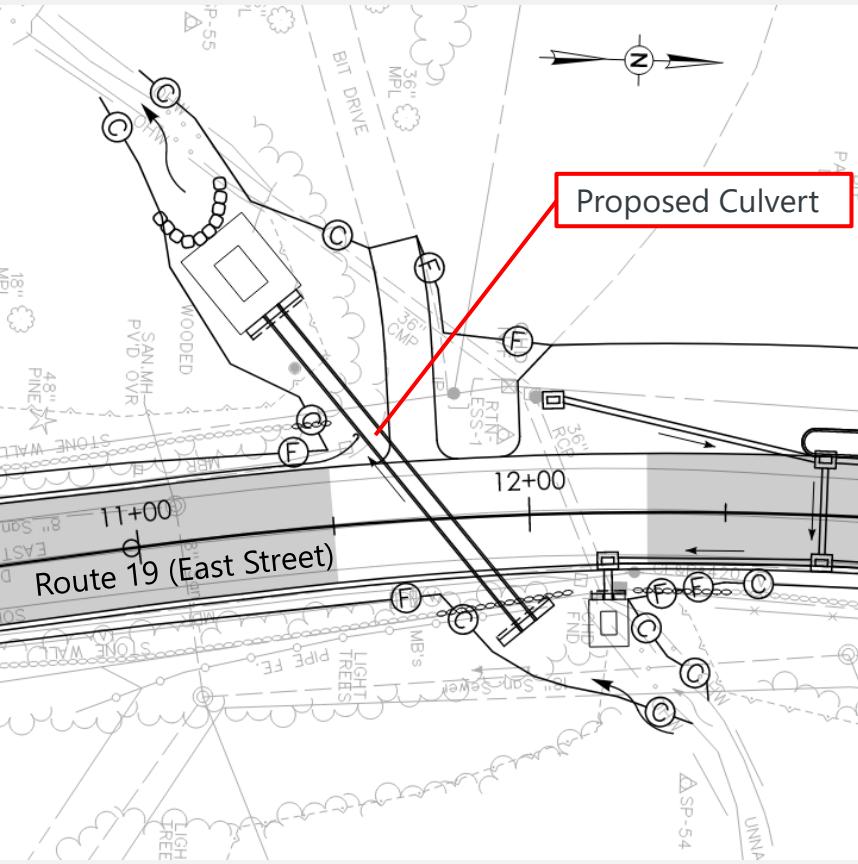
Partial Outlet Elevation

EXISTING CONDITIONS – ROUTE 19



- Classification: Urban Major Collector
- AADT: 2,200 vehicles per day (2024)
- Posted Speed Limit: 40 mph
- Lane Configuration
 - Two 11' wide lanes
 - Shoulder widths vary from 2' to 5'

PROPOSED CULVERT



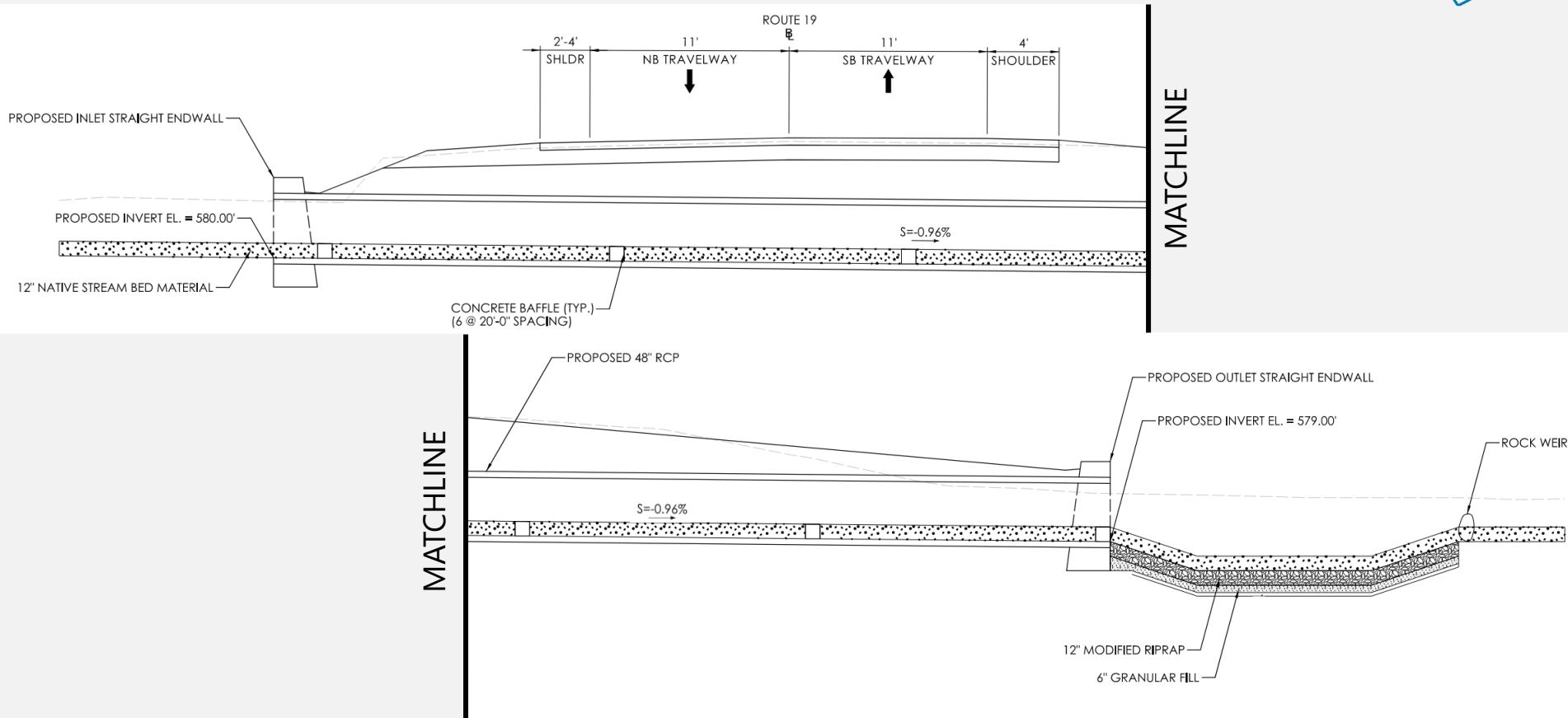
48" REINFORCED CONCRETE PIPE

- Channel relocated to the South
- 104 foot long RCP
- Straight endwall at both inlet and outlet
- Preformed scour hole at outlet (12" of natural streambed material over riprap at scour hole)

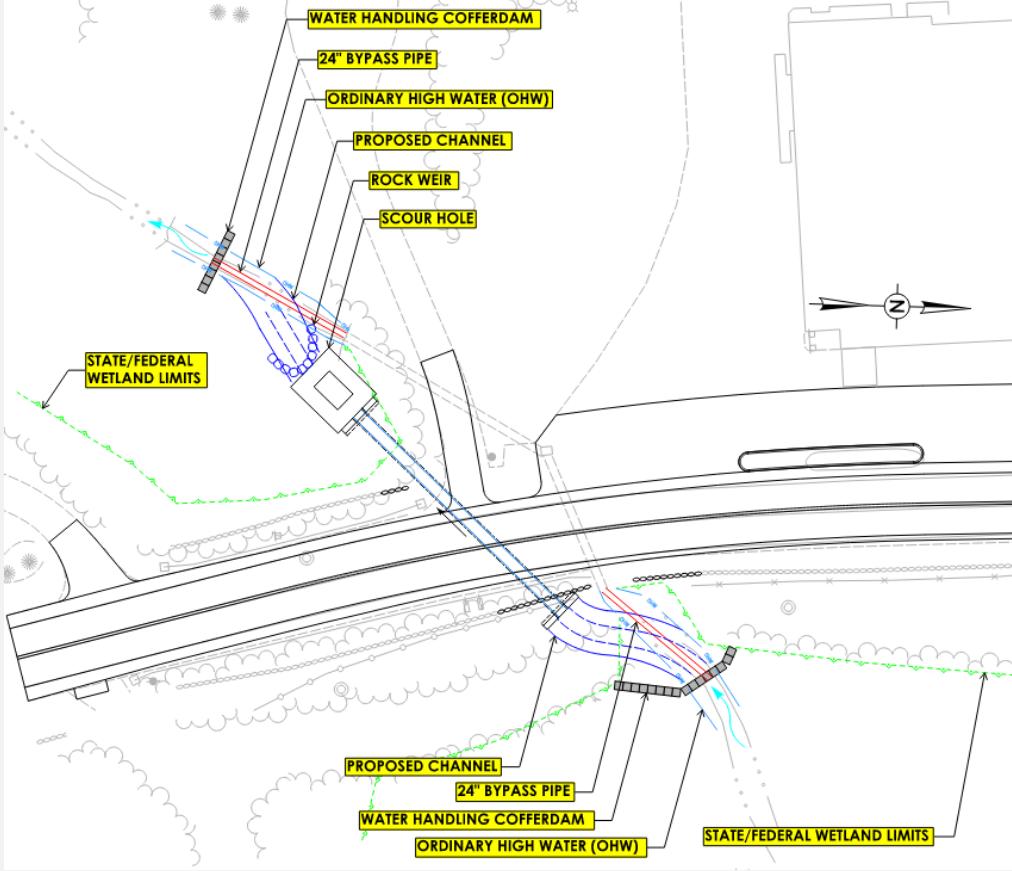
HYDRAULICS

- Sized for 50-year storm
- 12" of streambed material within RCP
- Outlet Velocity = 7.8 fps

PROPOSED CULVERT



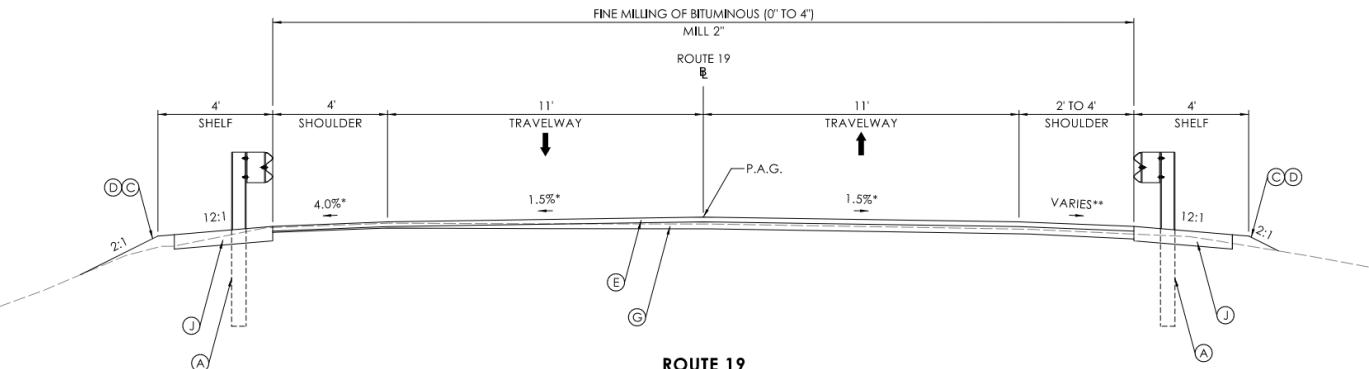
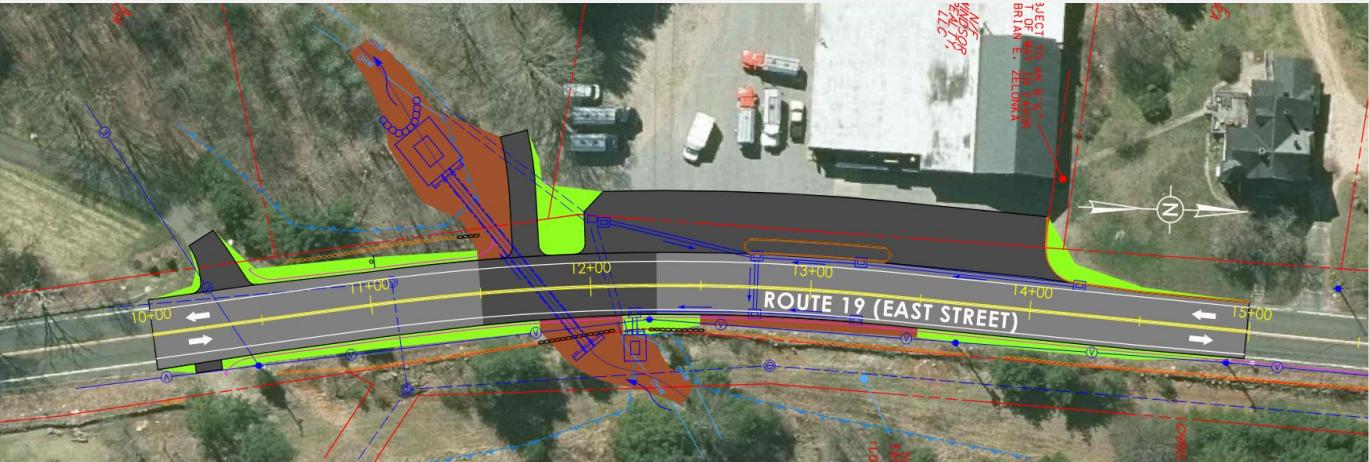
WATER HANDLING



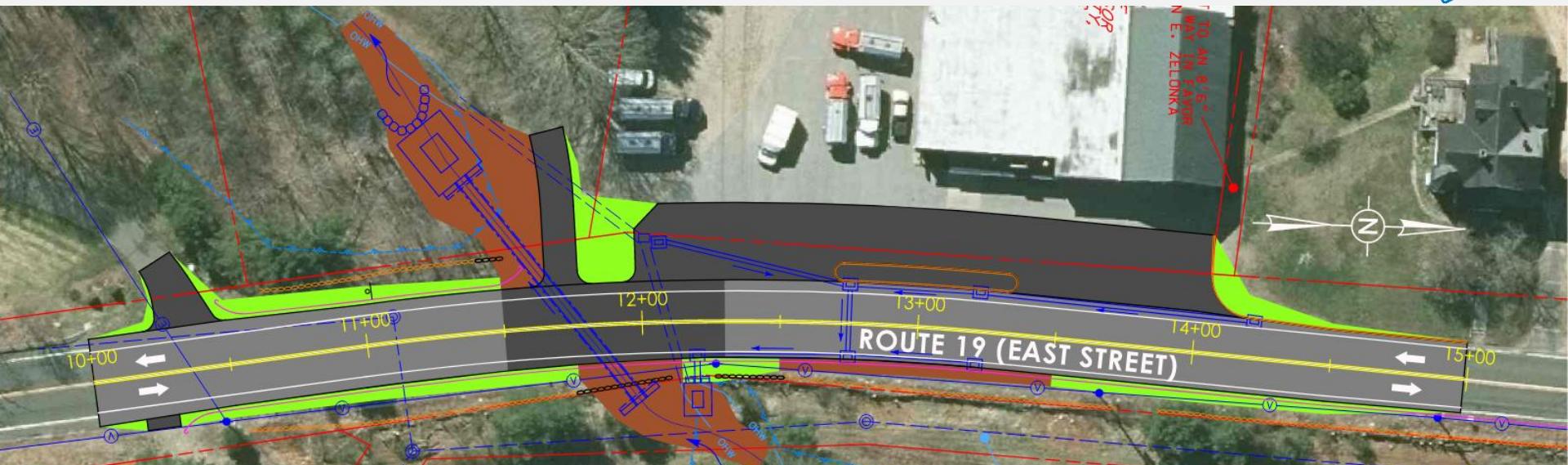
PROPOSED IMPROVEMENTS – ROUTE 19



- Proposed Design Speed: 45 mph
- Lane Configuration:
 - 11' travel lanes
 - 4' SB shoulder
 - 2-4' NB shoulder
- Horizontal radius curve of 1020'
- Normal 1.5% cross slopes proposed in travel lanes (existing cross slopes vary from 0.0% to 4.0%)
- Full depth pavement reconstruction for open cut at existing and proposed culvert
- 2" mill and overlay with variable depth wedge course at approaches to the culvert
- Roadside safety upgraded to MASH standards

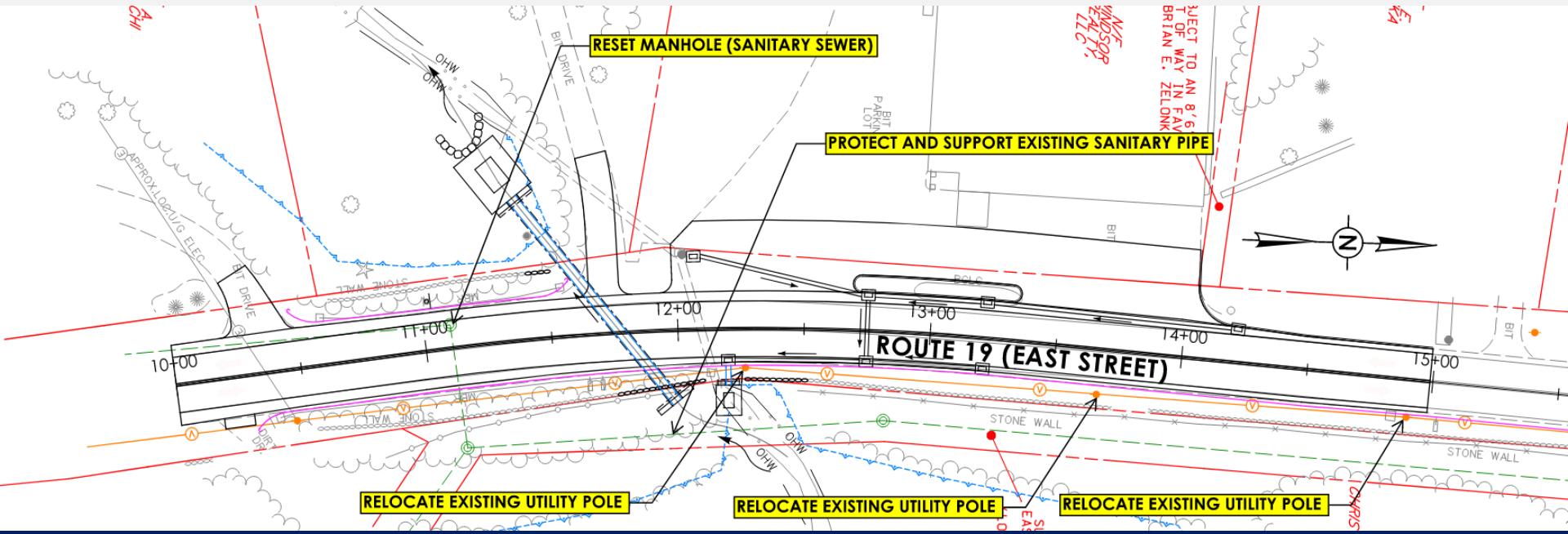


PROPOSED DRAINAGE



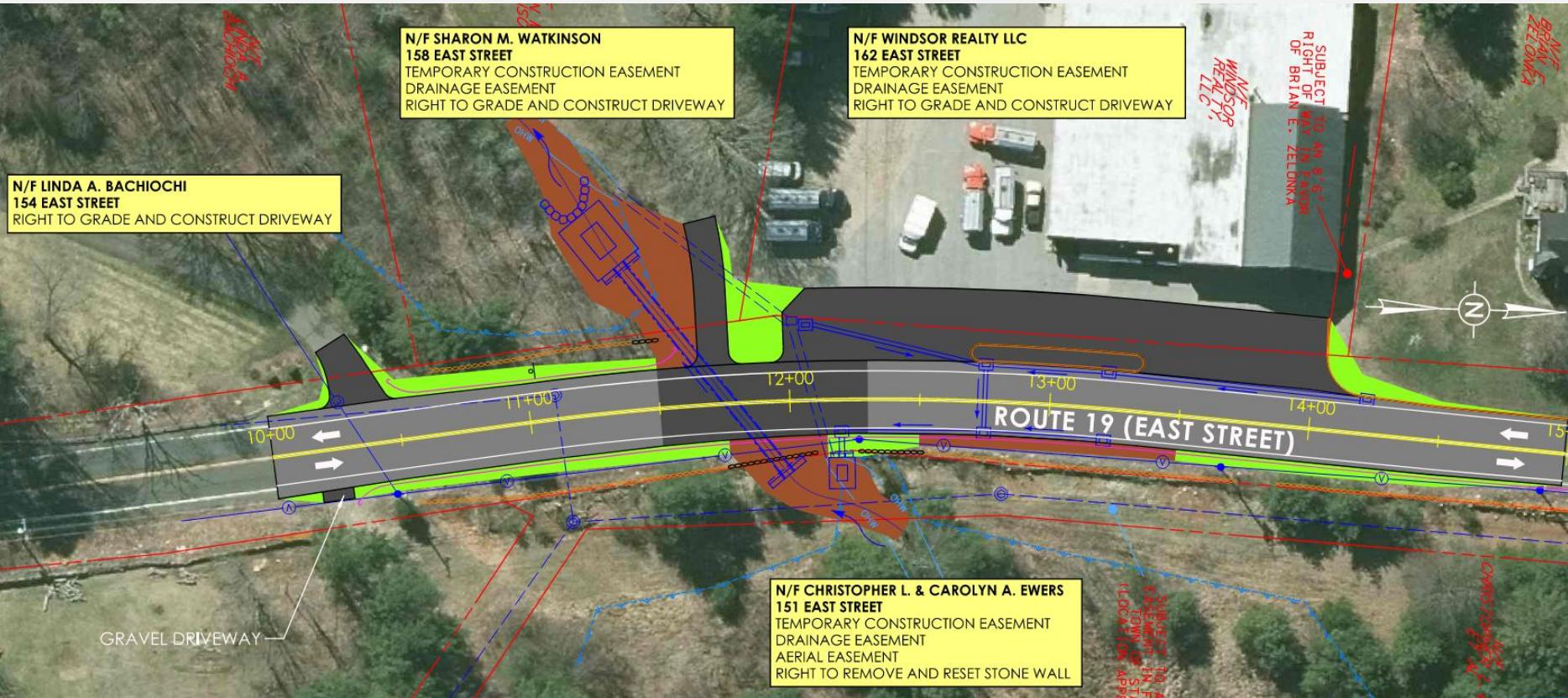
- Six catch basins added to the roadway
 - Type 'C' catch basin added uphill of the Oil Company driveway
 - Low point catch basins with flankers along both edges of roadway
- Standard Straight endwall proposed adjacent to culvert inlet

UTILITIES



- Overhead utilities along Route 19 NB shoulder (three poles to be relocated and quarter post spacing MBR proposed)
- Underground sanitary sewer
 - Manhole in roadway to be reset
 - Existing pipe underneath channel at inlet end (at least 7' pipe embedment)

RIGHT OF WAY



Right-of-Way Relevant Law

State of Connecticut

- C.G.S. Sections 13a-73 & 13a-98e

Federal

- Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended.



Right-of-Way Acquisition Process

Letter of Intent to Acquire

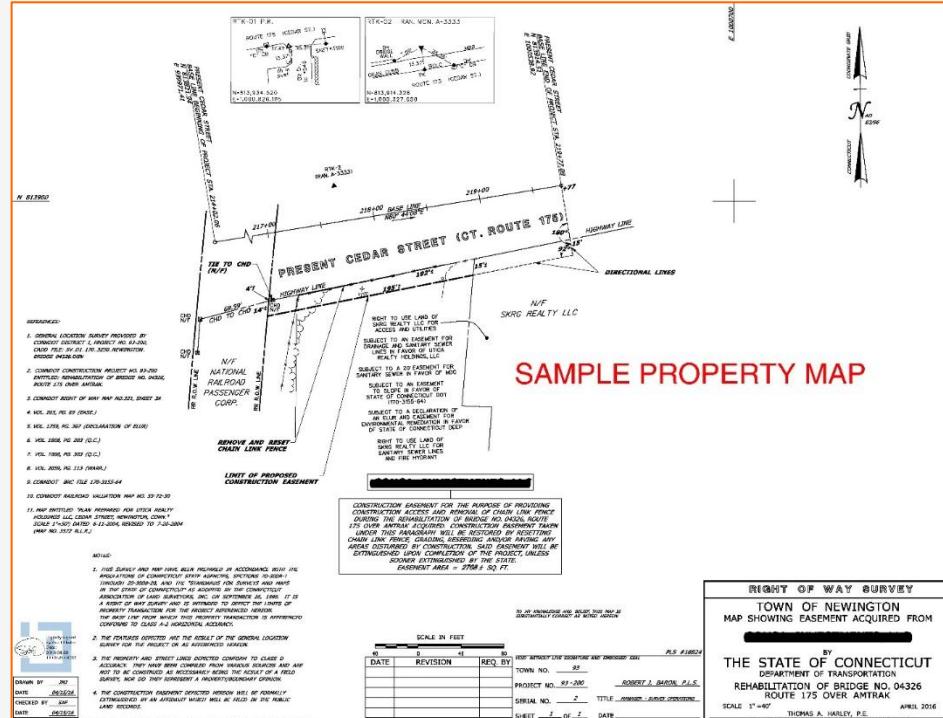
Valuation

Offer of Just Compensation

Negotiation

Acquisition

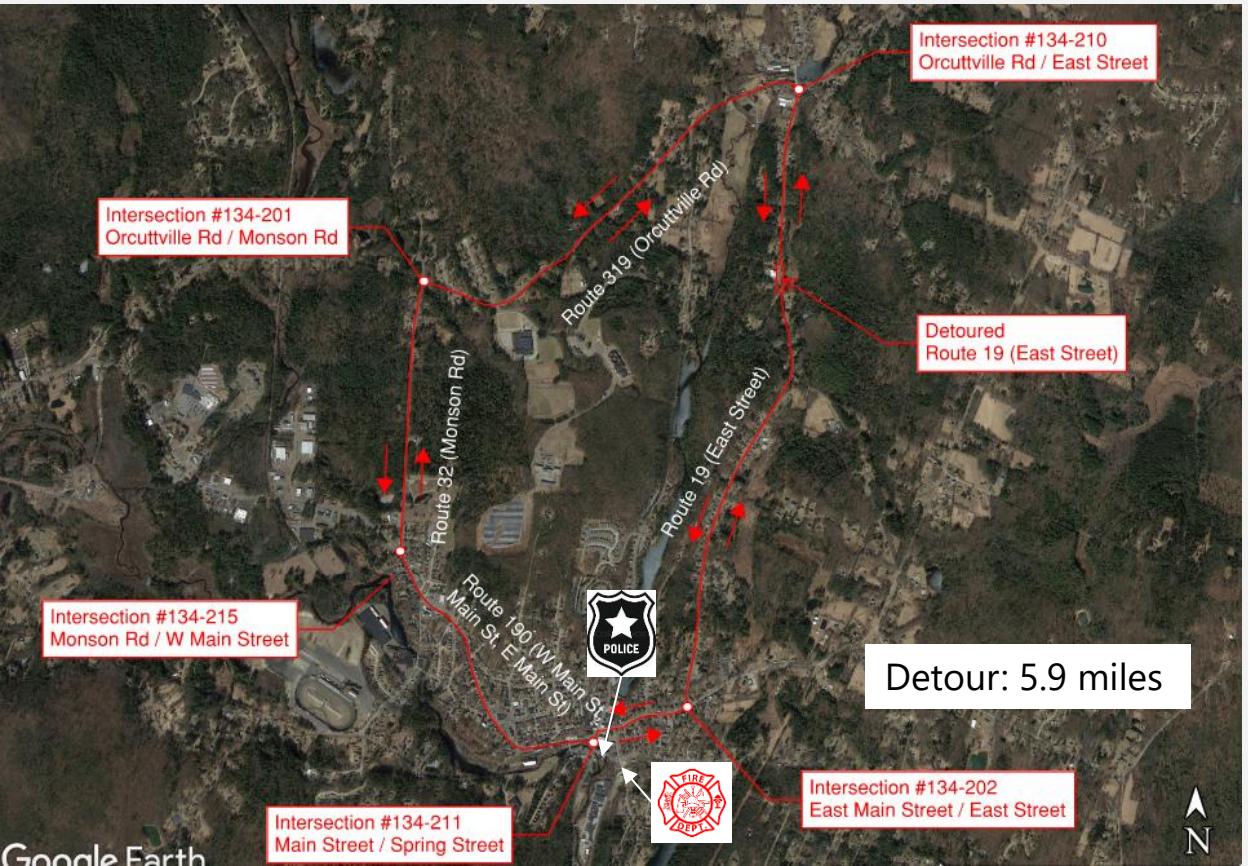
- Agreement
- Eminent Domain/Condemnation
- 6-month Appeal Period



REPLACEMENT OF EXISTING STONE CULVERT UNDER ROUTE 19 (EAST STREET) // State Project No. 0134-0151



ROUTE 19 DETOUR



Detour and closure for culvert pipe installation

- Weekend long closure from Friday 9 pm to Monday 6 am
- Access to be maintained to private residence within project limits
- Coordination with Town, Transit and Emergency Services will occur in Final Design Phase
- Alternating one-way traffic, lane shifts, and shoulder closures will be performed from 7 AM to 9PM to complete other construction operations

Following Roads Will Be Used in Detour

Route 19 (East Street)

Route 319 (Orcuttville Road)

Route 32 (Monson Road)

Route 190 (West Main Street, Main Street, East Main Street)

ENVIRONMENTAL COORDINATION



COORDINATION

- Office of Environmental Planning identified several fieldstone masonry retaining and boundary walls that are historically notable
 - If disturbed, these walls will be reconstructed in kind
- USFWS mapping indicated northern long eared bat may be present
- CTDEEP Fisheries coordination regarding fish passage requirements

EXPECTED PERMITS

- USACE Pre-Construction Notification (PCN)
- DEEP LWRD Pre-Construction Notification (PCN)
- DEEP LWRD Inland Wetlands General Permit for Water Resources Construction Activities



SCHEDULE AND COST

- Estimated Construction Cost - \$2.7 million
- Funding Source - 80% Federal / 20% State
- Final Design Plans – April 15, 2026
- Advertising for Bid – June 24, 2026
- Construction Start – Spring 2027





Questions and Comments



CTDOT Contact - Nicholas Ivanoff, Nicholas.Ivanoff@ct.gov

Project Webpage - <http://portal.ct.gov/DOTStafford0134-0151>



 **Lochner**