

REPLACEMENT OF BRIDGE NO. 02805

State Project No. 0055-0147
Route 189 over Unnamed Brook
Granby, Connecticut



Project Inquiry



by email: DOTProject0055-0147@ct.gov



by phone: (860) 594-2020 (voicemail)



project webpage:

<https://portal.ct.gov/DOTGranby0055-0147>



Note: Comment period is open through **December 2, 2024**



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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/Business/Office-of-Equity/Title-VI-Page>





Connecticut Department of Transportation Title VI Notice to the Public

Individuals and organizations may file a complaint by completing the Title VI complaint form (<https://railroads.dot.gov/resource-center/title-vi-civil-rights-act-1964/title-vi-complaint-format>). Complaints should be signed and include contact information and should be sent to: Office of Civil Rights Federal Railroad Administration 1200 New Jersey Avenue, SE ROA-10, Mail Stop 5 Washington, DC 20590

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 rele (860) 594-2109

لمزيد 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 संबंधी सहायता के लिए कृपया (860) 594-2109 पर कॉल करें।

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

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



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Departamento de Transporte de Connecticut

Título VI Aviso al Público

- ◊ El Departamento de Transporte de Connecticut (CTDOT) se compromete a asegurar que ninguna persona sea excluida de participar en, o le sean negados los beneficios de, sus servicios de transporte basándose en la raza, color o país de origen de la persona protegida por el Título VI de la Ley de los Derechos Civiles. Si a usted le parece que ha sido objeto de discriminación en lo que corresponde al Título VI, puede presentar una queja al CTDOT.
- ◊ Para más información sobre el programa de derechos civiles del CTDOT y el proceso de presentar una queja, comuníquese con el Coordinadora del Título VI del CTDOT al teléfono (860) 594-2169, TRS 711; Debra.Goss@ct.gov. También puede visitar nuestra oficina administrativa en 2800 Berlin Turnpike, Newington, CT 06131. Para más información, visite www.ct.gov/dot.
- ◊ Un denunciante puede presentar una queja directamente ante la Federal Transit Administration si lo hace ante la FTA Office of Civil Rights, Attention: Title VI Program Coordinator, East Building, 5th Floor-TCR, 1200 New Jersey Ave., SE, Washington, DC 20590.
- ◊ Un denunciante podrá presentar una queja directamente ante la Federal Highway Administration si lo hace ante la FHWA Office of Civil Rights, Attention: Title VI Program Coordinator, 8th Floor E81-105, 1200 New Jersey Ave., SE, Washington, DC 20590.
- ◊ Para recibir más información o ayuda gratuita en otros idiomas, llame al (860) 594-2109.

Meeting Agenda

- ✓ Introduce the Project Team
- ✓ Purpose and Need
- ✓ Formal Presentation of the Design Progress
 - Present the condition of the existing bridge
 - Recommend a viable structure (Design Plans are only 30% complete)
- ✓ Open the Forum for comments and questions



Project Team

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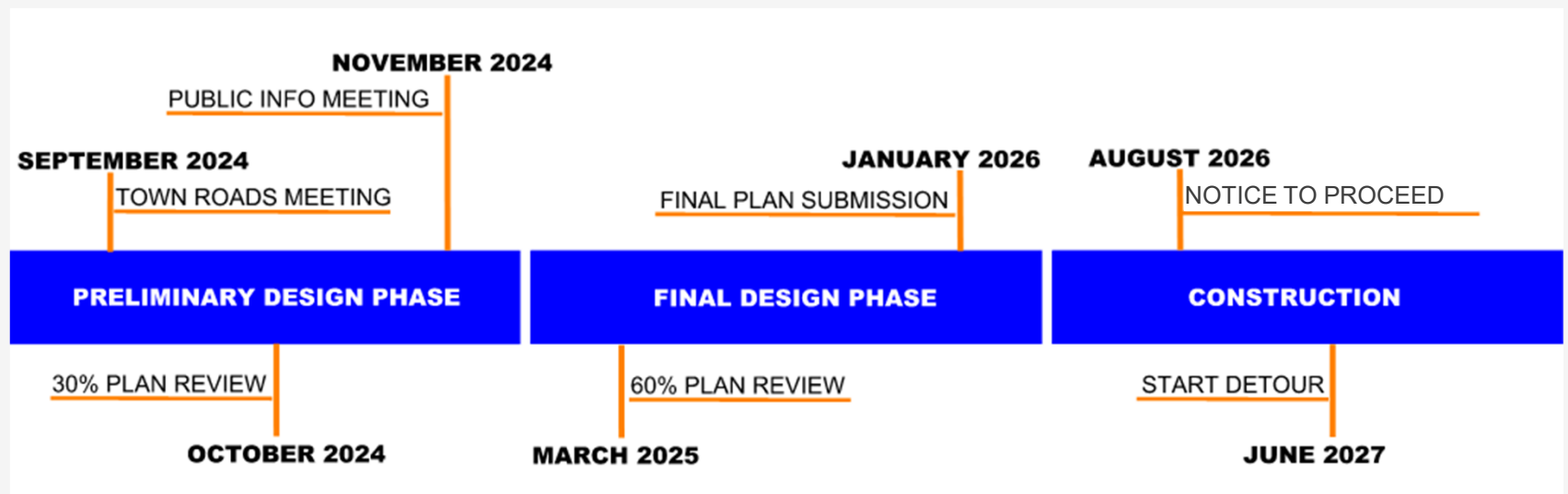
Purpose and Need

The purpose of the project is to address the structural deficiencies of Bridge No. 02805, which carries Route 189 over Unnamed Brook in the Town of Granby



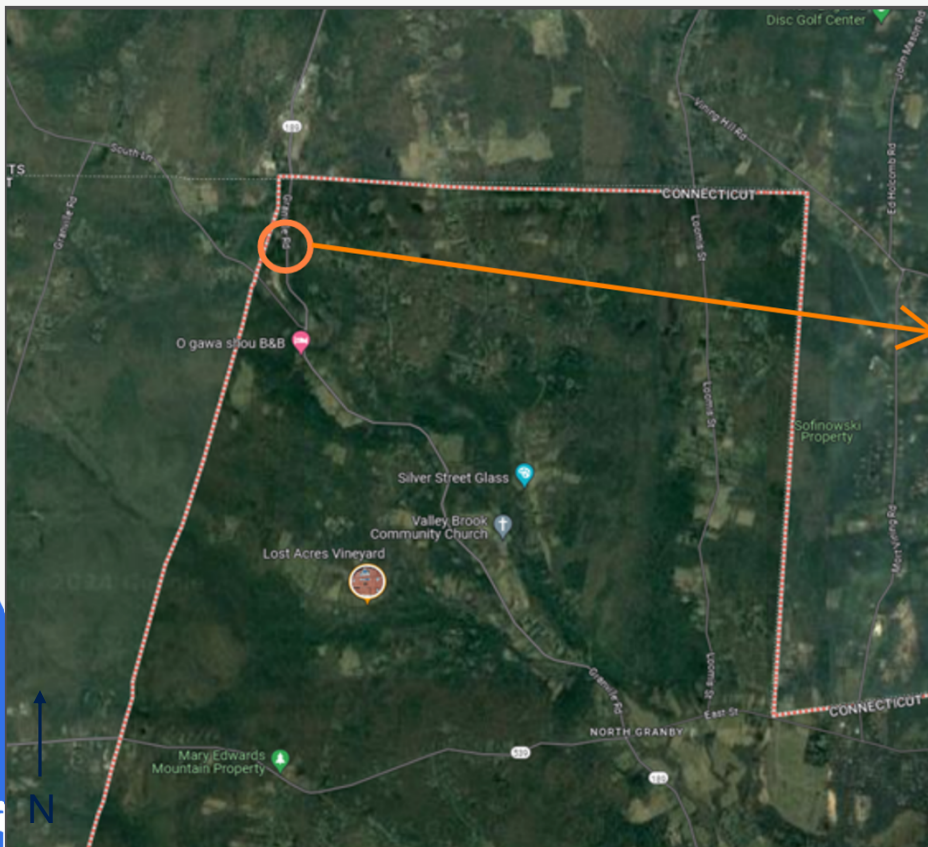
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Project Timeline



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Project Location



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Existing Bridge Information

Year Built	1935
Structure Type	Concrete slab on concrete abutments
Curb-to-Curb	30'-1"
Out-to-Out	35'-2"
Structure Length	15'-11 1/2"
Service	Route 189 over an unnamed tributary
Average Daily Traffic (Rt. 189)	850 vehicles 3% truck traffic



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Bridge Inspection Report

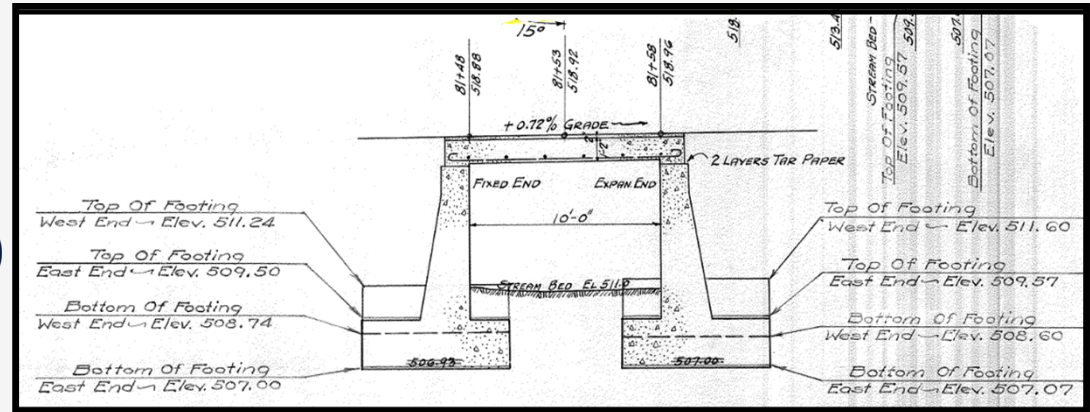
Superstructure (Concrete Slab)

- Rated at 4: **Poor**
- Heavy spalls
- Rusted rebar with section loss

Substructure (Concrete Abutment)

- Rated at 6: **Satisfactory**
- Vertical cracks
- Efflorescence leak stains

9 – Excellent
8 – Very Good
7 – Good
6 – Satisfactory
5 – Fair
4 – Poor
3 – Serious
2 – Critical
1 – Imminent Failure
0 – Failed



Roadway Approach



North Approach



South Approach



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Bridge Elevations



Upstream (West) Elevation



Downstream (East) Elevation



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Deficiencies



Large hollow and scaled area underside of slab



Heavy spall with rusted rebar with section loss



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Deficiencies (cont.)



Underside of slab



Underside of west slab
edge with frosting



Bridge Safety Inspection Report Summary

INSPECTION RATING				
YEAR	2017	2019	2021	2023
DECK	6	5	4	4
SUPERSTRUCTURE	5	5	4	4
SUBSTRUCTURE	7	6	6	6

- Last inspection performed 04/04/2023
- Next inspection in 2025



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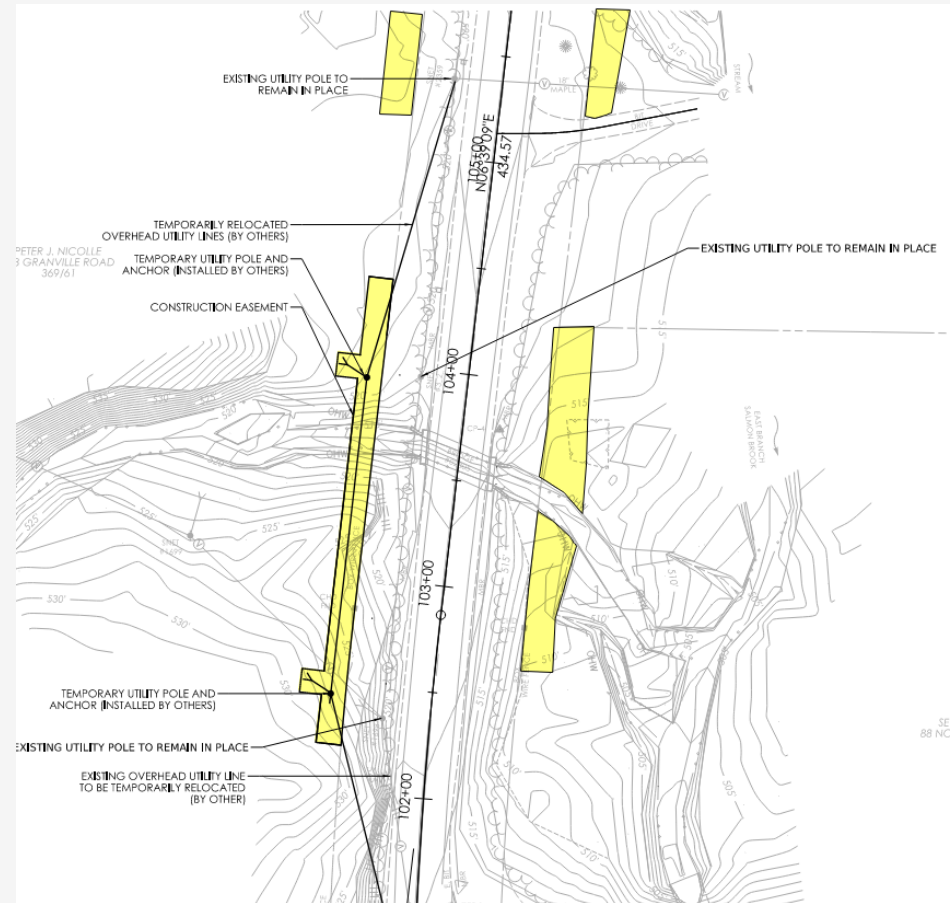
Environmental Review

- No conflict/impact on publicly owned parks, recreation areas, refuges or scenic roads
- No resources within the project area listed in the National Register of Historic Places
- Project is located adjacent to the East Branch Salmon Brook, which is designated as a Wild Scenic River. Further coordination required
- Potential presence of Northern Long Eared Bat
- Provide unrestricted fish passage at the bridge crossing
- In water construction is allowed from June 1st – September 30th



Rights of Way Impacts

- State ROW – 25' off edge of road on both sides of Rte 189
- Construction easements
 - temporary relocation of overhead utilities
 - construction activities



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ROW – Relevant Law

State of Connecticut

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

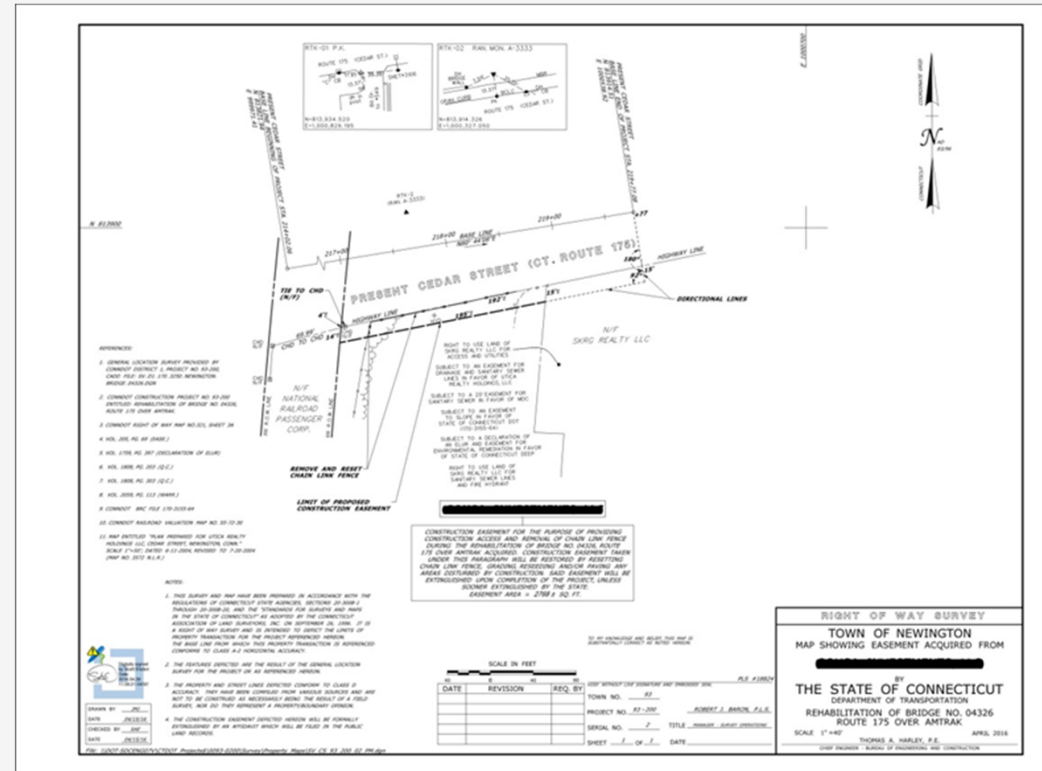
Federal

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



ROW – Acquisition Process

- Letter of Intent to Acquire
- Valuation
- Offer of Just Compensation
- Negotiation
- Acquisition
 - Agreement
 - Eminent Domain
 - 6 months appeal period



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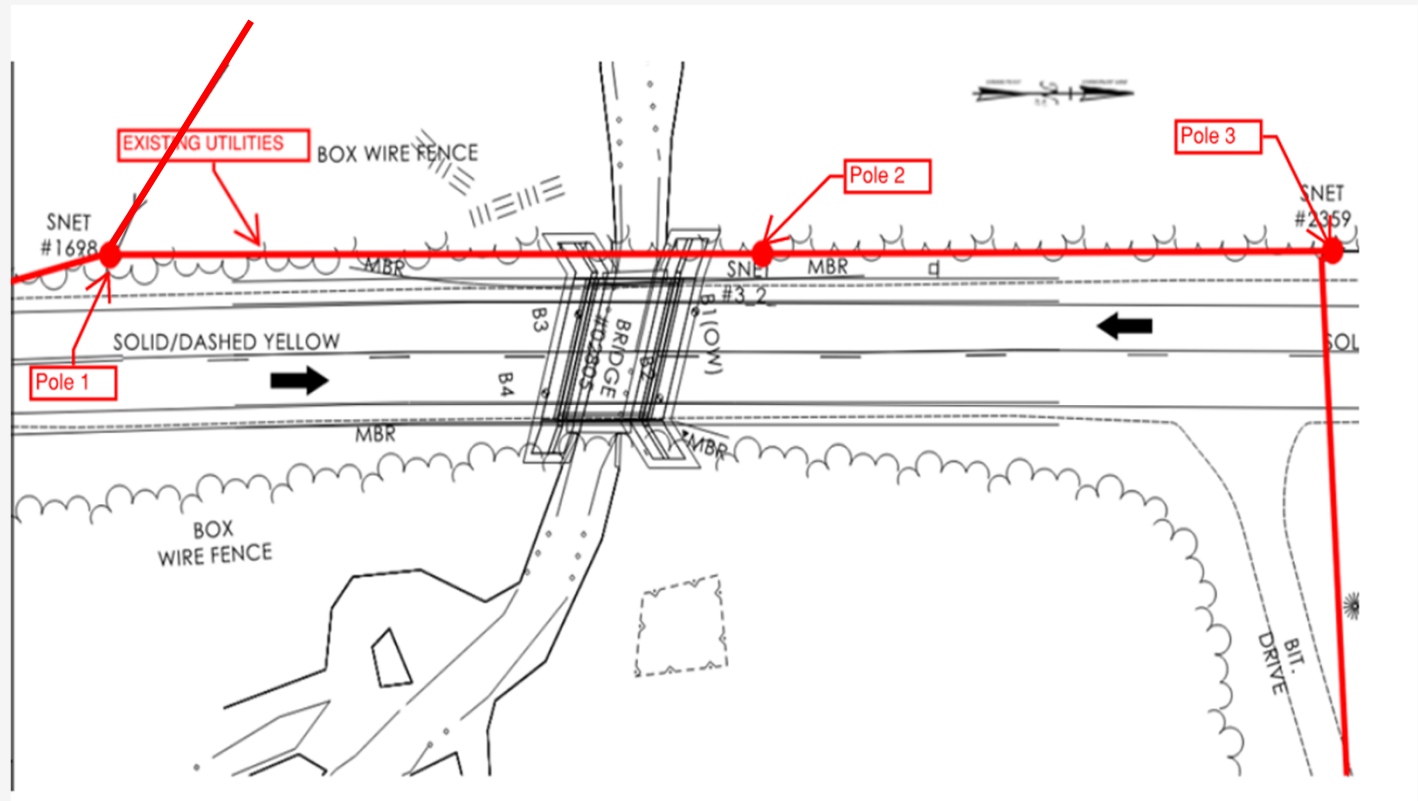
Current Utility Configuration

Overhead:

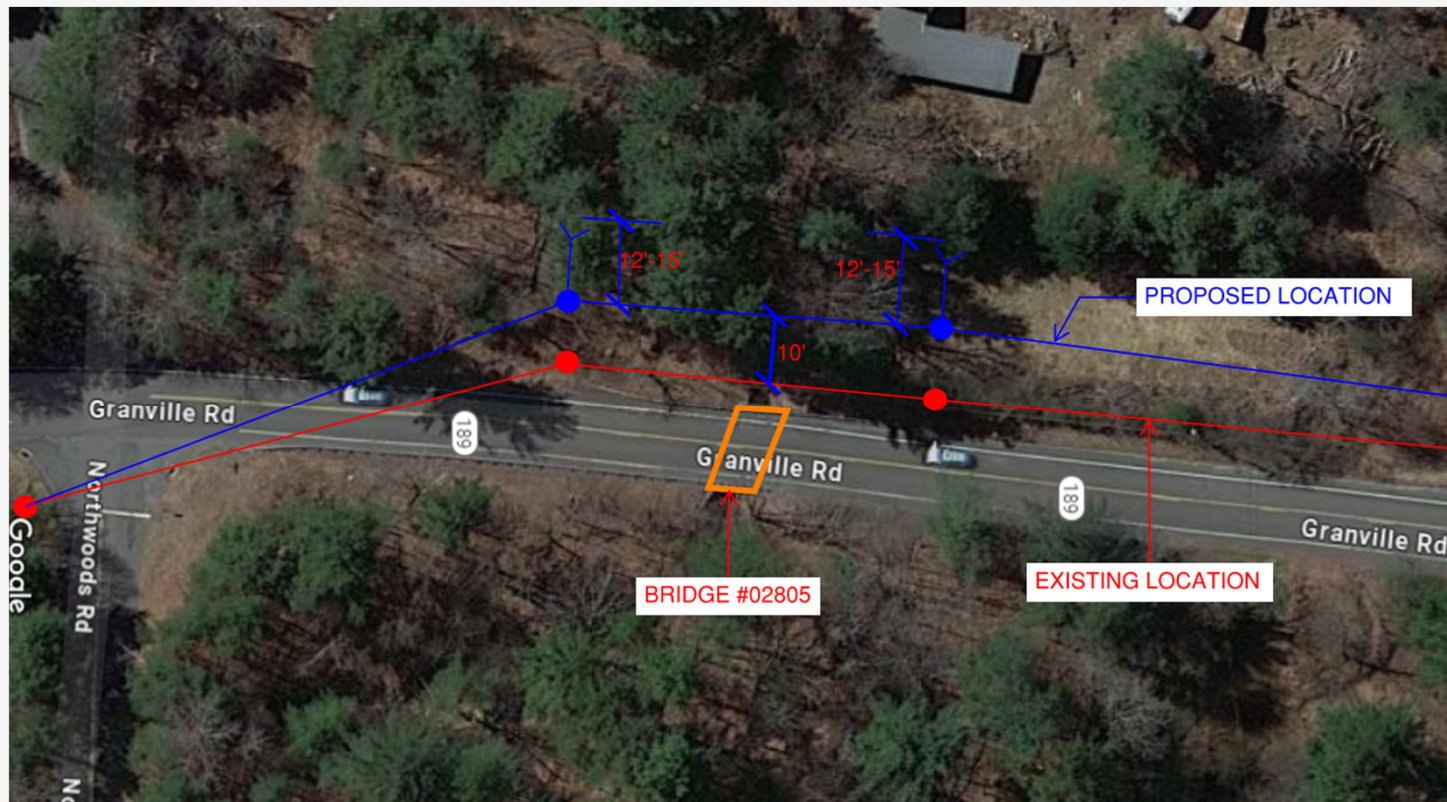
- Eversource
- Frontier
- Cox

Underground:

- N/A



Proposed Utility Relocation



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Preliminary Hydraulics Investigation

- Designed for 50-year storm
- Existing bridge is not hydraulically adequate
- CT DOT requirements::
 - Freeboard 1'-0" minimum
 - Under clearance 1'-0" minimum
- Need to raise the roadway
- New structure to have adequate opening



Proposed Structure

- Structure Type:
 - Precast concrete Three-Sided Frame
 - Concrete Abutment on bedrock
- Dimensions:
 - Span length: 25'-2"
 - Curb to curb width: 32'-0"
 - Out to out width: 35'-9"
- Others:
 - Raise Route 189 profile by 2'-0"
 - Install bridge barriers



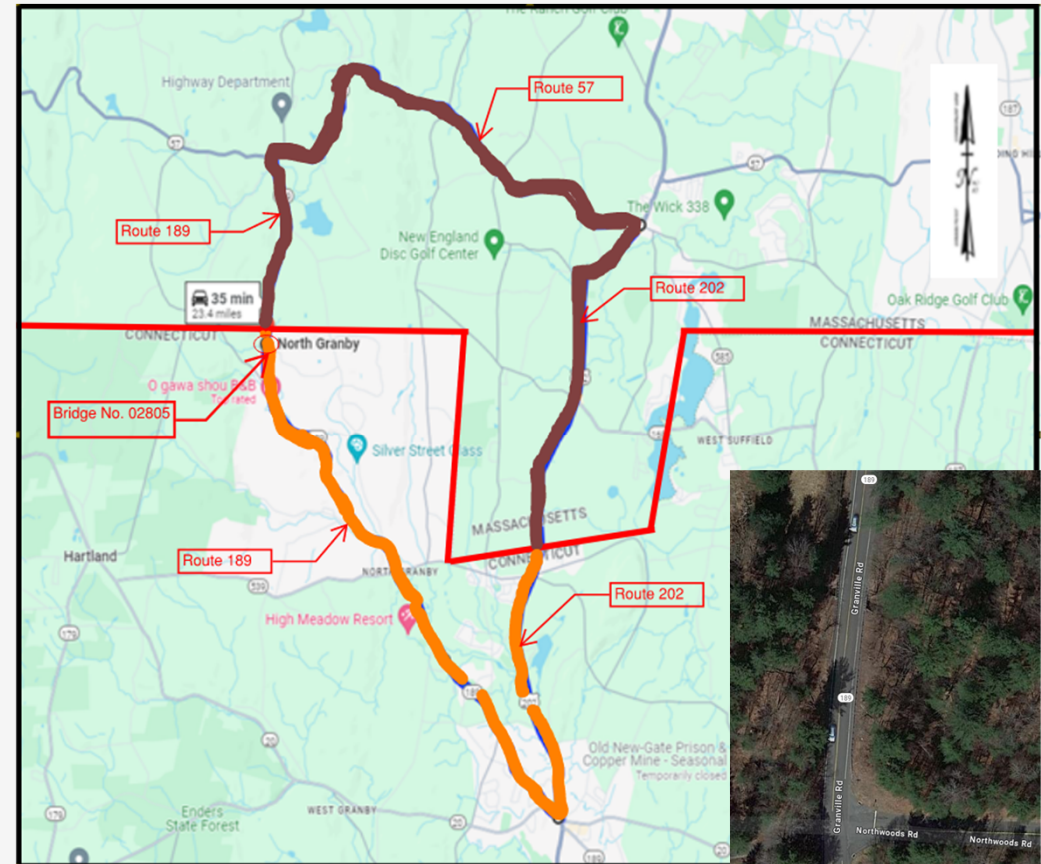
Proposed Project Scope

- Temporary relocation of utilities
- Detour traffic on Route 189 (June to September)
- Demolition:
 - Remove existing superstructure and substructure
- Construction:
 - Construct new abutments and install the three-sided frame
 - Raised roadway profile



Detour

- Closure Location: Route 189 from Northwoods Road to the bridge
- Detour Route: Route 189 northbound traffic onto Route 202 (CT/MA) and Route 57 (MA)
- Distance: 24 miles
- Estimated Detour Time: 40 – 45 minutes
- Proposed detour on State Routes



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Project Schedule & Cost

- Schedule
 - Anticipated construction start Fall 2026
 - Detour Summer 2027
- Duration
 - One construction season project
 - 2-3 months for overhead utility relocation
- Cost
 - Estimated cost \$5 million
 - No town funds required



Contact Information

Contact us:

Connecticut Department of Transportation
2800 Berlin Turnpike, Newington, CT 06111

Bridge Design Unit:

- Principal Engineer: Andrew Cardinali
Email: Andrew.Cardinali@ct.gov
- Project Manager: Ken-Taro Plude
Email: Ken-Taro.Plude@ct.gov
- Project Engineer: Ameh Fioklou
Email: Ameh.Fioklou@ct.gov
- Design Engineer: Matthew Bagdasarian
Email: Matthew.Bagdasarian@ct.gov

Right of Way Unit:

- Property Agent: Kathleen Ericson
Email: Kathleen.Ericson@ct.gov





Question & Answer Session

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