



CTDOT Projects within Greater Mystic

Mystic Tourism Working group

Transportation, Traffic & Parking Sub-Committee
Connecticut Department of Transportation (CTDOT)

CTDOT Projects in Greater Mystic: Overview

Active & Completed Projects in greater Mystic:

- A. Highway and Bridge Projects
- B. Municipal (Local) Projects and Grants
- C. Planning Studies
- D. Public Transportation Initiatives



CTDOT Projects in Greater Mystic: Infrastructure

Highway and Bridge:

- Investing an **estimated \$ 1 Billion** by designing and constructing 22 projects within the Groton, New London, Stonington, North Stonington, Waterford municipalities.

22 Highway and Bridge Projects:

- 17: Bridge/Culvert improvements projects
- 2: Safety Improvements (I-95)
- 1: Computerized Traffic Signal Systems (CTSS) Replacement
- 1: Intersection Improvement Rt 614 at I-95 ramps
- 1: On-Road Bicycle Improvements (Rt. 1 and Rt 649)



CTDOT Projects in Greater Mystic: Gold Star Bridge



Phase 1A: Steel Strengthening of the Northbound Bridge Truss Spans, under Project No. 0094-0256

Phase 1 B & 2: Steel Strengthening of the Northbound Bridge Approach Spans, Deck Replacement and Substructure Rehabilitation, under Project No. 0094-0235/0094-0261

Gold Star Memorial Bridge Southbound Strengthening: Steel Strengthening of the Southbound Bridge, under Project No. 0094-0268

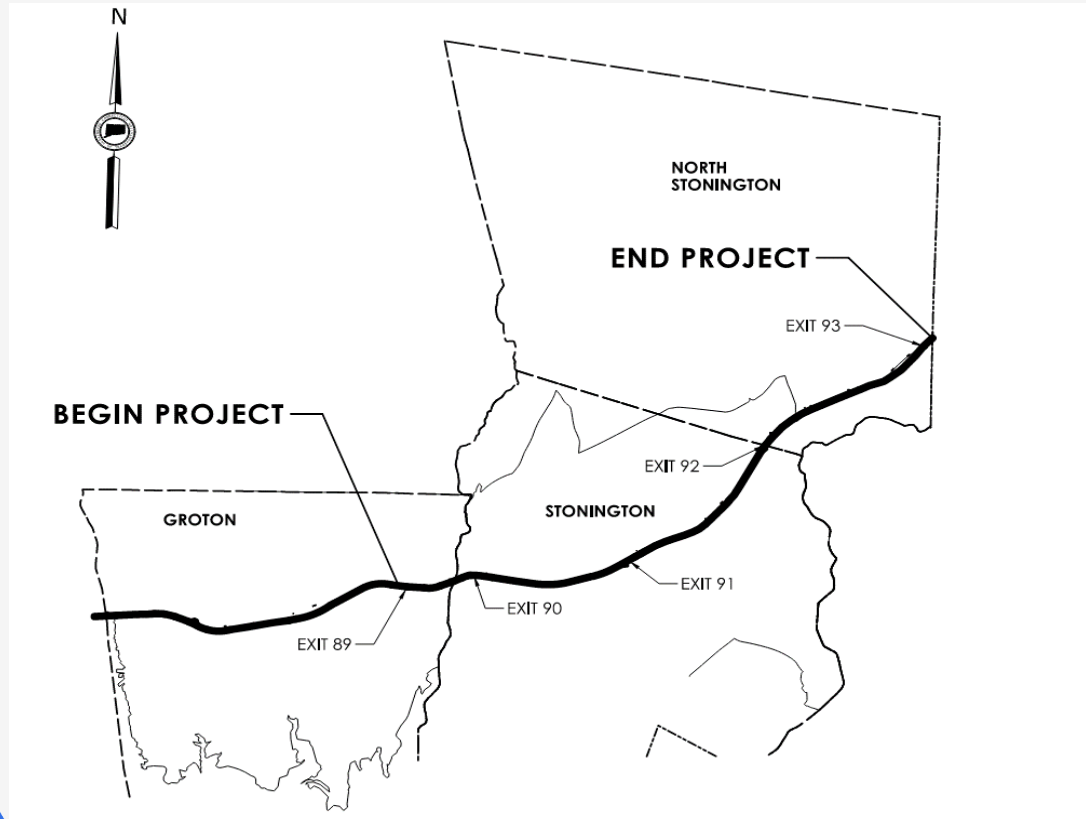
Gold Star Memorial Bridge Multiuse Path: Construction of a Shared Use Path on the Southbound Bridge, along with other Pedestrian Improvements, under Project No. 0094-0267

Total Est. Project Cost	\$790,273,000
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Project 0058-0307: I-95 Southbound Safety Improvements

Last Updated: 10/11/2024



Project Location

The project is located along an approximately eleven and one-half (11.5) mile section of I-95 Southbound from Interchange 89 to the Rhode Island state line, passing through the towns of Groton, Stonington, and North Stonington.

Purpose and Need

The purpose of this Project is to improve safety along I-95 Southbound by upgrading roadside protective measures to meet current design standards including new MASH compliant guiderail and roadway illumination. Additionally, per coordination with the Department's Pavement Design Unit, it was determined that the existing pavement structure is in a deteriorating condition and in need of rehabilitation.

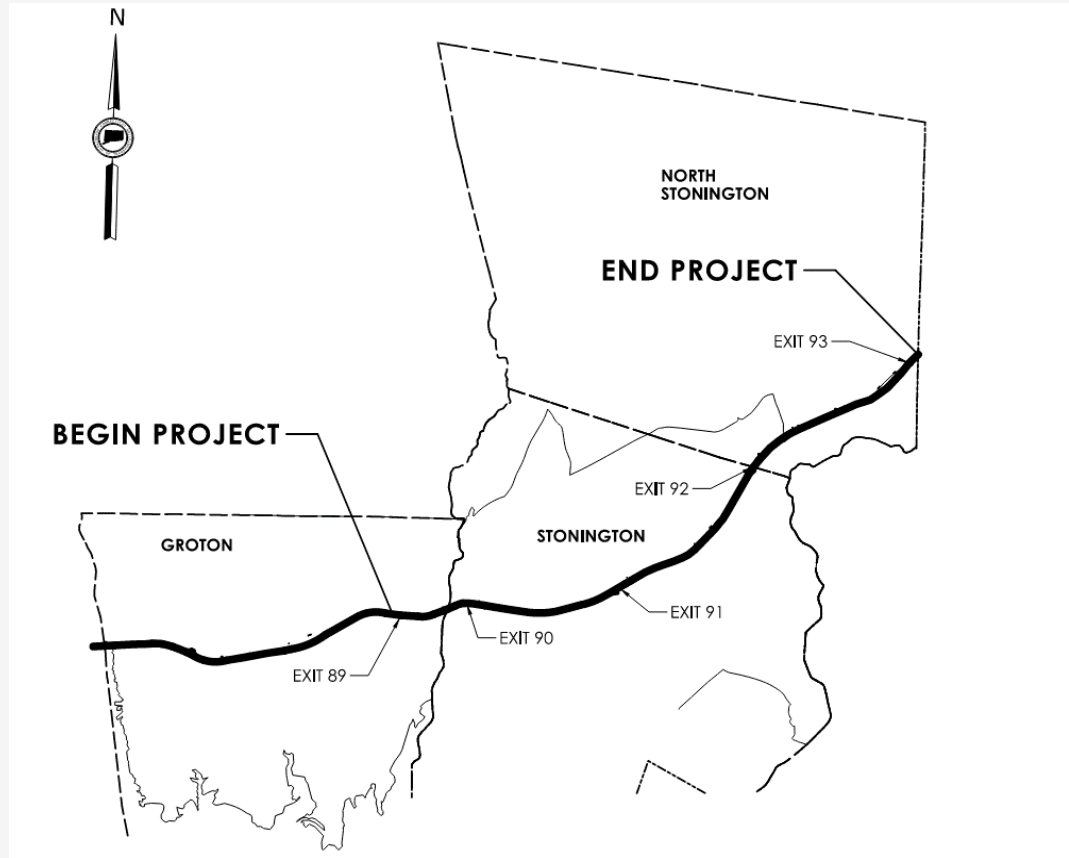
Estimated Completion Date	Fall 2025
Total Project Cost	\$60,200,000

Include all project costs
(PL, PE, RW, CN)



Project 0058-0340: I-95 Northbound Safety Improvements

Last Updated: 05/29/2024



Project Location

The project is located along an approximately eleven and one-half (11.5) mile section of I-95 Northbound from Interchange 89 to the Rhode Island state line, passing through the towns of Groton, Stonington, and North Stonington.

Purpose and Need

The purpose of this Project is to improve safety along I-95 Northbound by upgrading roadside protective measures to meet current design standards including new MASH compliant guiderail and roadway illumination. Additionally, per coordination with the Department's Pavement Design Unit, it was determined that the existing pavement structure is in a deteriorating condition and in need of rehabilitation.

Estimated Completion Date	Fall 2024
Total Project Cost	\$46,766,000

Include all project costs
(PL, PE, RW, CN)



Project 0058-0341:

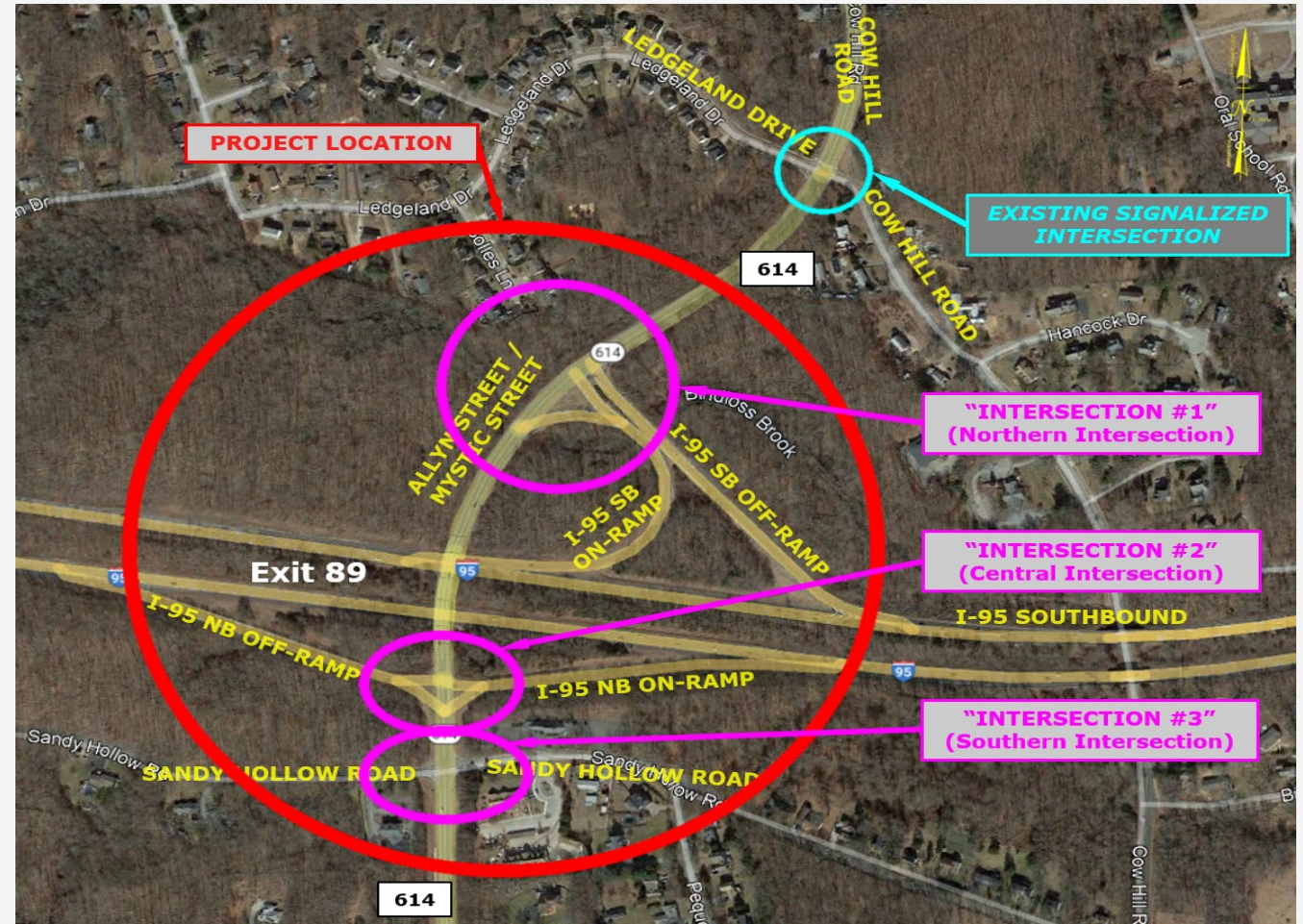
Intersection Improvements on Rt. 614 & I-95 Ramps

Project Location

This project is located on Route 614 (Allyn Street / Mystic Street) in the vicinity of Interstate 95 (Interchange 89) in the Town of Groton.

Purpose and Need

The purpose of this project is to improve safety and reduce queues by addressing the geometric and operational deficiencies along Route 614 at its intersections with the I-95 northbound and southbound ramps and Sandy Hollow Road.



**Anticipated Construction
Completion Date**

Fall 2028

Total Project Cost

\$6,575,000

Project 0058-0344: Replacement of Bridge 04675 (Palmer Cove, Groton)

02/09/2024

Project Location

Groton Long Point Road over Palmer Cove

Anticipated Construction Completion Date

Spring 2026

Total Project Cost

\$8,535,000

Purpose and Need

Bridge No. 04675 exhibits structural deficiencies.

The deck is in poor condition (Rating = 4).

The superstructure is also in poor condition (Rating = 4).



CTDOT Projects in Greater Mystic: Municipal Projects

B. Municipal Projects:

15 In-Progress or Completed Projects in:
Groton, New London and Stonington

\$16,753,000 awarded

- 3: Road Safety Audits (RSA)
- 3: Community Connectivity Grant Program (CCGP)
- 5: Local Transportation Capital Improvement Program (LOTICIP)
- 4: State Local Bridge Program (SLBP)



CTDOT Projects in Greater Mystic: RSA

A formal safety assessment of an existing roadway segment for use by all modes of transportation, including motor vehicles, bicyclists, and pedestrians

- US Route 1 (Masons Island Rd to Wamphassuc Rd) (Stonington): **In Progress**
- Route 27/ I-95 Frontage Rd/ Exit 90-Route 1 (Stonington): **Completed 2016**
- Route 32 (Mohegan Ave) (New London): **Completed 2016**



CTDOT Projects in Greater Mystic: CCGP

Competitive Grant Program developed by the Connecticut DOT to provide construction funds to Municipalities for infrastructure improvements that improve safety and access for vulnerable roadway users

\$975,000 Awarded in New London, Groton and Stonington

- Connectivity Improvements at Governor Winthrop Boulevard, Water Street, and Ferry Street. (Signals, sidewalks, crosswalks) (New London): **Finalizing Fall 2024**
- Trolley Trail Extension (Groton): **In-Design Sept. 2024**
- Sidewalk ramp upgrade project (Stonington): **In-design July 2024**



CTDOT Projects in Greater Mystic: LOTCIP

The purpose of the LOTCIP is to provide State monies to urbanized area municipal governments instead of Federal funds otherwise available through the Federal transportation legislation.

\$12,057,000 grant awarded in Groton and New London

- Groton Thames St Drainage: **Completed**
- Groton Poquonnock Rd Reconstruction: **Completed**
- New London Ocean Ave: **Completed**
- New London Jefferson Ave Reconstruction: **Completed**
- New London Broad St./William St. Roundabout: **Currently in-design**



LOT CIP L0940-000 : New London - Jefferson Ave at Chester St. Roundabout



CTDOT Projects in Greater Mystic: SLBP

Eligibility:

Municipally owned bridge (not on a state route) Serves a public roadway, 6'-0" or more clear span, Poor condition (based on sufficiency/priority rating)

\$3,720,000 awarded in Groton and Stonington

- Bridge Replacement (Groton)– North Stonington Road over Whitford Brook: **Design est. Completion 12/2026**
- Bridge Replacement (Groton)– Quaker Farm Road over Haleys Brook: **Design est. Completion 12/2025**
- Bridge Replacement (Stonington)– Wolf Neck Road over Whitford Brook: **Design est. Completion 12/2025**
- Bridge Replacement (Stonington)– Masons Island Road over Cove: **Design est. Completion 12/2015**



CTDOT Projects in Greater Mystic: Planning Studies



I-95 Planning and Environmental Linkage (PEL)

- **Project Location**

- This project is located along I-95 from Branford (Exit 53) to the Rhode Island state line.

- **Project Purpose**

- The purpose of this project is to increase regional mobility and safety along Interstate 95 from Exit 53 in Branford to the Rhode Island state line.

Previous Studies conducted by SCCOG

- Southeastern Connecticut Regional Bike & Pedestrian Plan: **Completed 2019**
- Multiuse Path Feasibility Study: **Published March 2021**
- Regional Transportation Safety Plan Southeastern Region Connecticut: **Amended June 2022**
- Route 32 Corridor Study: Completed **July 2023**

CTDOT Projects in Greater Mystic: Public Transportation Initiatives

Southeast Area Transit (SEAT)

- New employee shuttle to Electric Boat
- Restoration of Sunday hours
- Expanded hours of service serving communities in Waterford, East Lyme, Norwich, Groton, and New London pending driver availability
- Transition from flag to fix stop service



Microtransit

- NL Smart Ride service in New London (operated by SEAT)
- HOP service in Groton, Stonington, Waterford, and Mystic-Noank

CTDOT Projects in Greater Mystic: Public Transportation Initiatives

Amtrak – New Haven to Providence Capacity Planning Study

- Future service evaluation
- Begins Fall 2024

2024 Shore Line East Activity

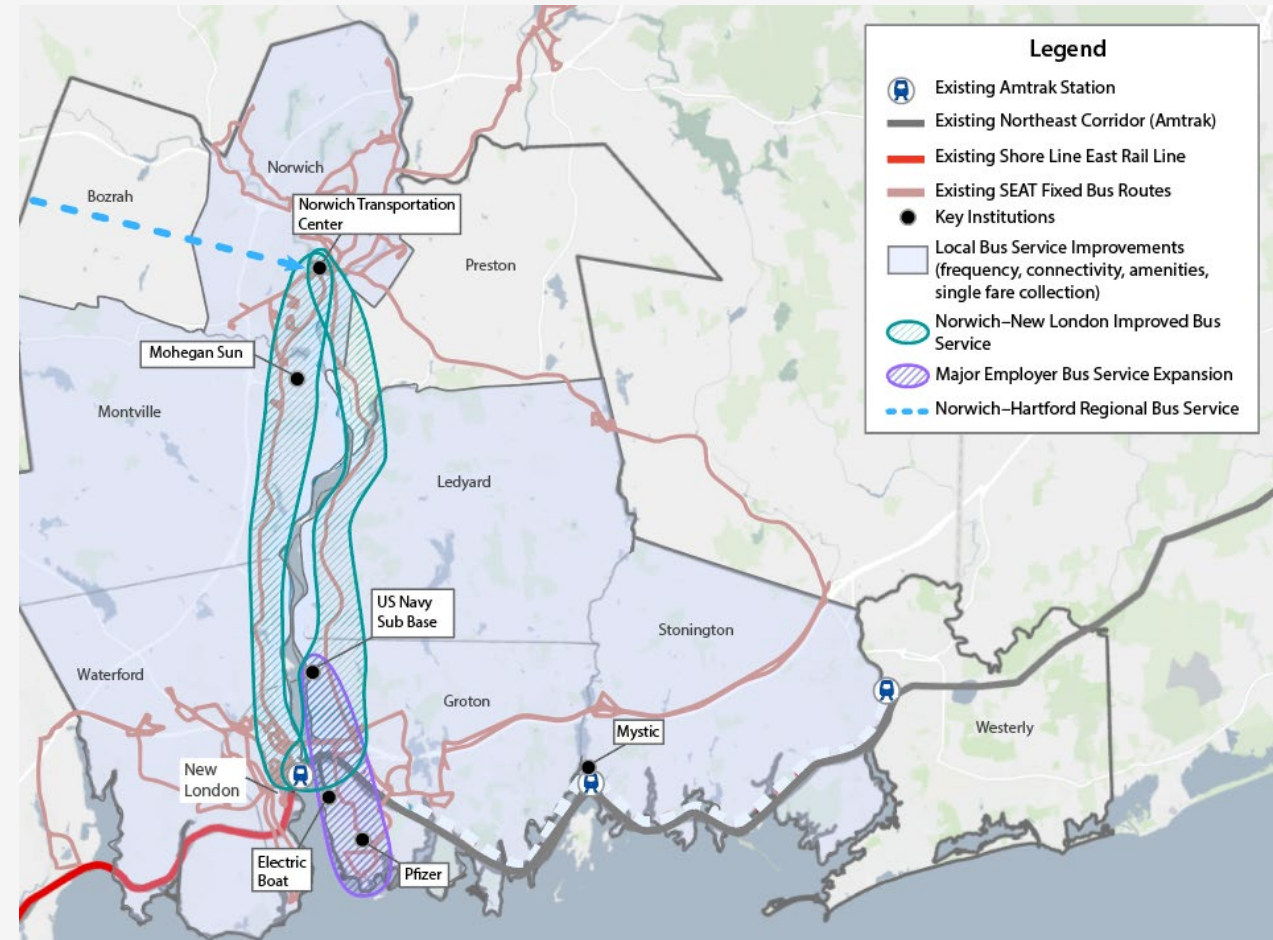
- Comprehensive marketing campaign
- Four additional trains supported by \$5M from legislature
- Restored through service to Stamford
- Legislative service restoration report – Due January 2025



CTDOT Projects in Greater Mystic: ECRTS Strategies

Transit Strategies (Short Term)

- Norwich to New London improved bus service
- Local/regional bus service improvements
 - Waterford, Groton, Stonington
- Major employer bus service expansion
- New service between the US Navy Submarine Base and Electric Boat's Groton facilities

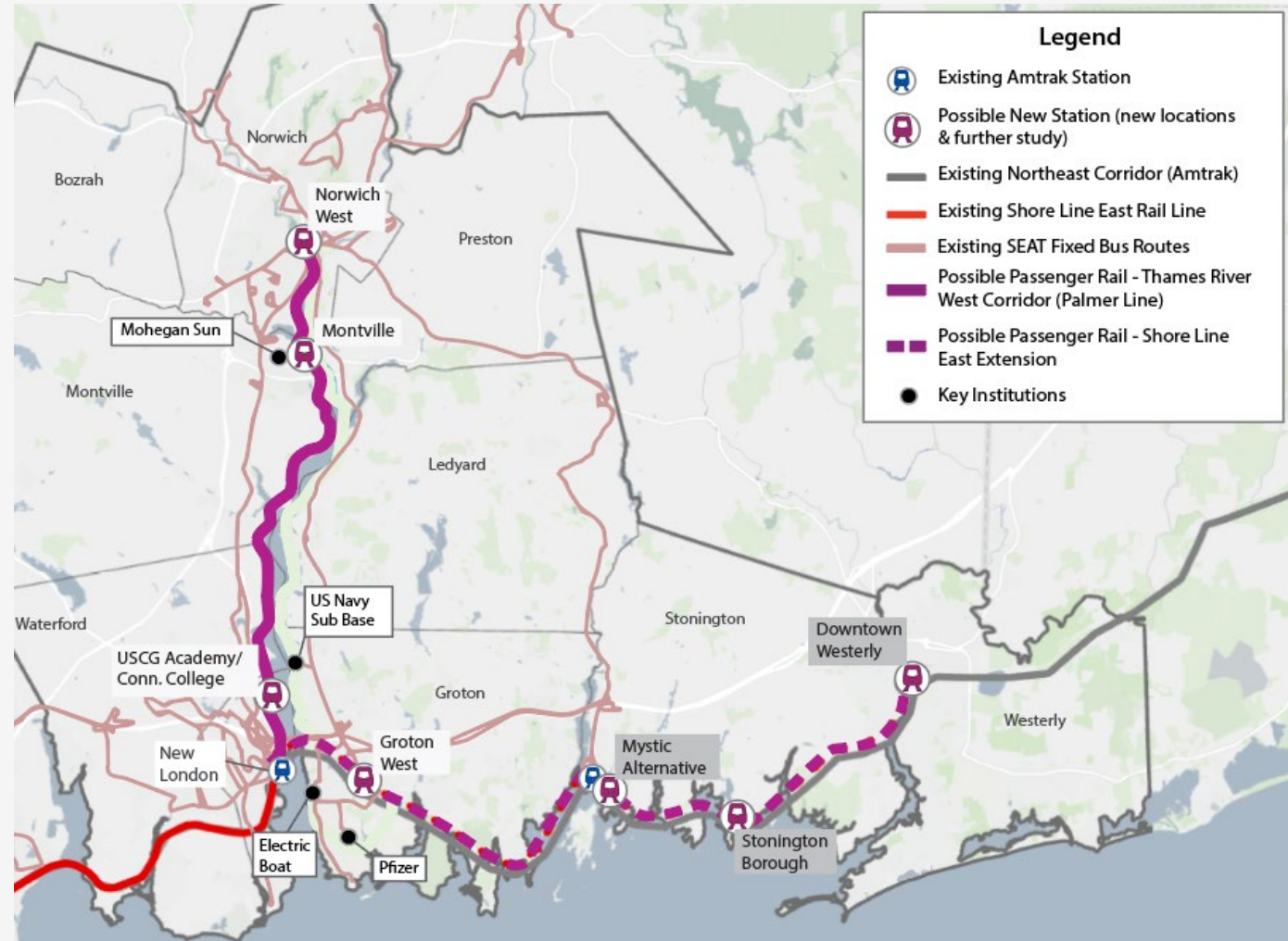


CTDOT Projects in Greater Mystic: ECRTS Strategies

Rail Strategies (Long Term)

Enhanced passenger rail service on the NEC with stations at:

- New London (existing)
- Groton West
- Mystic Alternative
- Stonington Borough
- Westerly (existing)



RAISE Federal Transit Authority (FTA) Grant:

Downtown New London Revitalization: The vision for this project is to accommodate the growth and recent developments and investments made into the historic, waterfront Downtown District.

Total \$17 Million Grant

Components of Downtown Revitalization:

- Water Street Public Garage Expansion
- Water Street Public Parking Garage-Transit Hub & Cultural and Tourism Center
 - CTDOT project for track electrification - will install electric catenary over the platform track at New London station to support future Shore Line East electric service. (0310-0069)
- Pedestrian Bridge, Public Access Pathway, Riverfront Landing
- High-Speed Ferry Terminal





Thank you

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Mystic Tourism Working Group

Traffic & Transportation Sub-Committee

Connecticut Department of Transportation

CTDOT PROJECTS IN GREATER MYSTIC AREA (TOWNS OF GROTON, NEW LONDON, AND STONINGTON)

CTDOT Administered Highway and Bridge Projects (Planning and Design)

Project No.	Description	Town	Total Cost
0172-0467	I-95 Eastern Connecticut Planning and Environmental Linkages Study	Branford to Rhode Island State Line	-
0058-0338	Replace Culvert at Anderson Marsh and Beebe Cove (<i>Note: This project is in the pre-Construction and was let on 9/11/2024</i>)	Groton	\$3,674,900
0058-0339	Rehabilitation of bridge Nos. 01771 & 01772 carrying I-95 over Route 12	Groton	\$15,200,000
0058-0341	Intersection Improvements on Route 614 at I-95 Northbound and Southbound Ramps	Groton	\$6,575,000
0058-0342	Replacement of Bridge no. 03665 carrying Groton Long Point Road over Amtrak Railroad	Groton	\$15,077,000
0058-0343	Rehabilitation of Bridge No. 00362 carrying US Route 1 over Mystic River	Groton	\$4,760,000
0058-0344	Replacement of Bridge No. 04675 carrying Long Point Rd over Palmer Cove	Groton	\$15,890,000
0058-0345	Improve Bridge (Culvert) No. 07099 carrying I-95 over Brook*	Groton	\$2,120,000
0058-0346	Improve Bridge (Culvert) No. 07100 carrying I-95 over Brook*	Groton	\$1,818,000
0058-0347	Improve Bridge (Culvert) No. 07109 carrying Route 349 over Birch Plain Creek*	Groton	\$2,150,000
0058-0348	Improve Bridge (Culvert) No. 07110 carrying Route 349 over Birch Plain Creek*	Groton	\$2,330,000
0058-0349	On-Road Bicycle Improvements for Industrial Drive, Depot Road, US 1, and SR 649 (South Road/Tower Avenue)*	Groton	\$825,000

*Project Information Sheet not available



CTDOT PROJECTS IN GREATER MYSTIC AREA (TOWNS OF GROTON, NEW LONDON, AND STONINGTON)

CTDOT Administered Highway and Bridge Projects (Planning and Design) - Continued

Project No.	Description	Town	Total Cost
0094-0235	Gold Star Memorial Bridge Rehabilitation (Phases 1B & 2) – I-95 and US 1 NB over the Thames River	New London / Groton	\$655,000,000
0094-0267	Gold Star Memorial Bridge Multiuse Path*	New London / Groton	\$52,800,000
0094-0268	Gold Star Memorial Bridge Southbound Strengthening* <i>(Note: This project will be incorporated into ongoing construction Project 0094-0256 as a change order)</i>	New London / Groton	\$13,000,000
0094-0264	Replacement of Bridge No. 02572 carrying US 1 over South Frontage Road and I-95 NB Exit 83 Ramp	New London	\$26,217,000
0137-0162	Replacement of Bridge No. 00366 carrying US 1 over the Pawcatuck River	Stonington	\$18,000,000
0137-0164	Rehabilitation of Bridge No. 03906 carrying Alpha Avenue over Amtrak Railroad and Local Roads	Stonington	\$36,000,000
0137-0165	Replacement of Bridge No. 01902 carrying US 1 over Anguilla Brook	Stonington	\$4,450,000
0152-0164	Route 85 Computerized Traffic Signal Systems (CTSS) Replacement	Waterford	\$14,597,000

*Project Information Sheet not available



CTDOT PROJECTS IN GREATER MYSTIC AREA (TOWNS OF GROTON, NEW LONDON, AND STONINGTON)

CTDOT Administered Highway and Bridge Projects (In Construction)					
Project No.	Description	Town	Total Cost	Construction Start	Construction End
0058-0307	I-95 Southbound Safety Improvements	Groton / North Stonington / Stonington	\$60,200,000	Spring 2024	Fall 2025
0058-0340	I-95 Northbound Safety Improvements	Groton / North Stonington / Stonington	\$46,766,000	Spring 2023	Fall 2024
0094-0256	Gold Star Memorial Bridge Rehabilitation (Phase 1A) – I-95 and US 1 NB over the Thames River	Groton / New London	\$69,473,000	Spring 2021	Summer 2025

*Project Information Sheet not available



CTDOT PROJECTS IN GREATER MYSTIC AREA (TOWNS OF GROTON, NEW LONDON, AND STONINGTON)

CTDOT Administered Highway and Bridge Projects (Recently Completed)

Project No.	Description	Town	Total Cost	Constructio n Start	Constructio n End
0058-0327	Crystal Lake Road Reconstruction	Groton	\$8,146,000	Winter 2017	Fall 2018
0058-0332	Rehabilitation of Bridge Nos. 03330 & 03331 carrying Route 349 over Amtrak Railroad	Groton	\$10,450,000	Winter 2018	Fall 2019
0058-0335	Replace substandard railing mounted on existing retaining wall on Route 1	Groton	\$2,211,000	Fall 2021	Winter 2022
0058-0336	Rehabilitation of Bridge No. 03903 carrying Mosher Street over Amtrak Railroad	Groton	\$12,418,000	Summer 2020	Spring 2022
0094-0252	Rehabilitate Bridge No. 02514A and 02514B carrying I-95 over Thames River, Local Roads & Railroad	Groton / New London	\$45,550,000	Winter 2017	Fall 2018
0094-0258	Williams Street Pedestrian and Bicycle Improvements	New London	\$1,838,000	Spring 2021	Fall 2021
0137-0163	Emergency repair of the fascia girder of Bridge #01802, which carries I-95 Northbound over Taugwank Road	Stonington	\$858,000	Winter 2020	Summer 2020





MUNICIPAL (LOCAL) PROJECTS IN GREATER MYSTIC AREA (TOWNS OF GROTON, NEW LONDON, AND STONINGTON) ROAD SAFETY AUDITS (RSAs) PROJECTS

Road Safety Audits (RSAs)	
Location	Project Status
Route 1 (Masons Island Rd to Wamphassuc Rd) - Stonington	In Progress
Route 27: I-95 Frontage Rd/ Exit 90-Route 1 - Stonington	Completed in 2016. Final report: https://portal.ct.gov/-/media/dot/community-connectivity/rsa-reports/stonginton-rsa-report.pdf
Route 32-Mohegan Ave – New London	Completed in 2016. Final report: https://portal.ct.gov/-/media/dot/community-connectivity/rsa-reports/new-london-rsa-report.pdf





MUNICIPAL (LOCAL) PROJECTS IN GREATER MYSTIC AREA (TOWNS OF GROTON, NEW LONDON, AND STONINGTON) COMMUNITY CONNECTIVITY GRANT PROGRAM (CCGP) PROJECTS

Community Connectivity Grant Program (CCGP)					
Description	Town	Year Awarded	Grant Amount	Grant/Financial Status	Project Status & Notes
Connectivity Improvements at Governor Winthrop Boulevard, Water Street, and Ferry Street. (Signals, sidewalks, crosswalks)	New London	2019	\$399,901	Paid – 5/27/23	Fall 2024 - Finalizing Construction. City had difficult time with Amtrak approvals.
Trolley Trail Extension	Groton	2021	\$344,705	Not Paid	As of Sept. 2024 status report- In Design – <i>“Plans have been completed and currently going through permitting process.”</i>
Sidewalk ramp upgrade project	Stonington	2022	\$230,452	Not Paid	As of July 2024 status report– In Design – <i>“Finishing Design Phase and working on bid documents”</i>





MUNICIPAL (LOCAL) PROJECTS IN GREATER MYSTIC AREA (TOWNS OF GROTON, NEW LONDON, AND STONINGTON) LOCAL TRANSPORTATION CAPITAL IMPROVEMENT PROGRAM (LOTICIP) PROJECTS

Local Transportation Capital Improvement Program (LOTICIP)						
Project No.	Town	Description	Year Awarded	Grant Amount	Grant/Financial Status	Project Status
L058-0001	Groton	Thames Street Drainage	2014	\$1,200,000	Paid to Town on 8/14/2014	Construction completed and audit was completed on 09/04/2020. The project had funds to the State (\$14,525.05) which was received on 02/29/2024. Closed out.
L058-002	Groton	Kings Highway Geometric Improvements	Never Issued	n/a	---	Project canceled per town letter to SCCOG date 02/22/2019
L058-0003	Groton	Poquonnock Road Reconstruction	2019	\$2,185,600	Grant payment to Town (\$2,447,193.00) on 08/25/2021	Construction completed
L094-0001	New London	Ocean Avenue	2016	\$2,942,220	Grant payment to Town (\$2,162,999.40) on 08/01/2017	Construction completed
L094-0002	New London	Jefferson Avenue Reconstruction	2019	\$2,515,600	Grant payment to Town (\$3,987,160.00) on 09/22/2022	Construction completed
L094-0003	New London	Broad St/ Williams St Roundabout	2022	\$3,214,402	Not paid	Currently in design by municipality. Current project total cost \$4,100,000.





MUNICIPAL (LOCAL) PROJECTS IN GREATER MYSTIC AREA (TOWNS OF GROTON, NEW LONDON, AND STONINGTON) STATE LOCAL BRIDGE PROGRAM (SLBP) PROJECTS

State Local Bridge Program (SLBP)

Project No.	Town	Description	Year Awarded	Grant Amount	Total Project Cost	Grant Status	Project Status & Notes
9058-0001	Groton	Bridge Replacement-North Stonington Road over Whitford Brook	2016	\$1,011,900	\$2,023,800	Unpaid	Design - est. completion date 12/2026
9058-0015	Groton	Bridge Replacement-Quaker Farm Road over Haleys Brook	2021	\$896,172	\$1,792,345	Unpaid	Design - est. completion date 12/2025
9137-0003	Stonington	Bridge Replacement-Wolf Neck Road over Whitford Brook	2023	\$652,500	\$1,305,000	Unpaid	Design - est. completion date 12/2025
9137-0010	Stonington	Bridge Replacement-Masons Island Road over Cove	2023	\$1,160,000	\$2,320,000	Unpaid	Design - est. completion date 12/2025

Note: Year awarded is one year prior to the fiscal year (FY) class on all 4 jobs (ex. 2016 award is FY 2017 class)



CTDOT Projects in Greater Mystic: Overview

Ongoing Districtwide and Statewide Projects:

- Repair and replacement of bridge deck joints
- Sealing concrete bridges along I-95 bridges
- Installation and replacement of railroad markings & signs
- Installation of curve warning signs on locally owned and maintained public roadways
- Installation of curve warning signs on state owned and maintained public roadways
- Installation of high friction surface treatment (HFST) at select locations
- Installation of rapid rectangular flashing beacons at uncontrolled, midblock crosswalk locations
- Installation of rumble strips
- Installation of wrong way detection systems
- Installation and upgrades to accessible pedestrian systems
- Replacement of highway illumination systems
- Replacement of signs and sign supports on I-95
- Replacement and upgrade of existing pedestrian/school crossing at uncontrolled intersection and midblock crosswalks
- Replacement and upgrades of traffic control signals
- Replacement of highway signs along limited access portions of various roadways
- Signing and pavement marking installation at unsignalized state road intersections
- Traffic signal timing revisions

