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Virtual Public Information Meeting Presentation

REHABILITATION OF BRIDGE NO. 04555

MAPLE STREET OVER SCANTIC RIVER
SOMERS, CT

CTDOT (LOTICIP) PROJECT NO. L129-0001

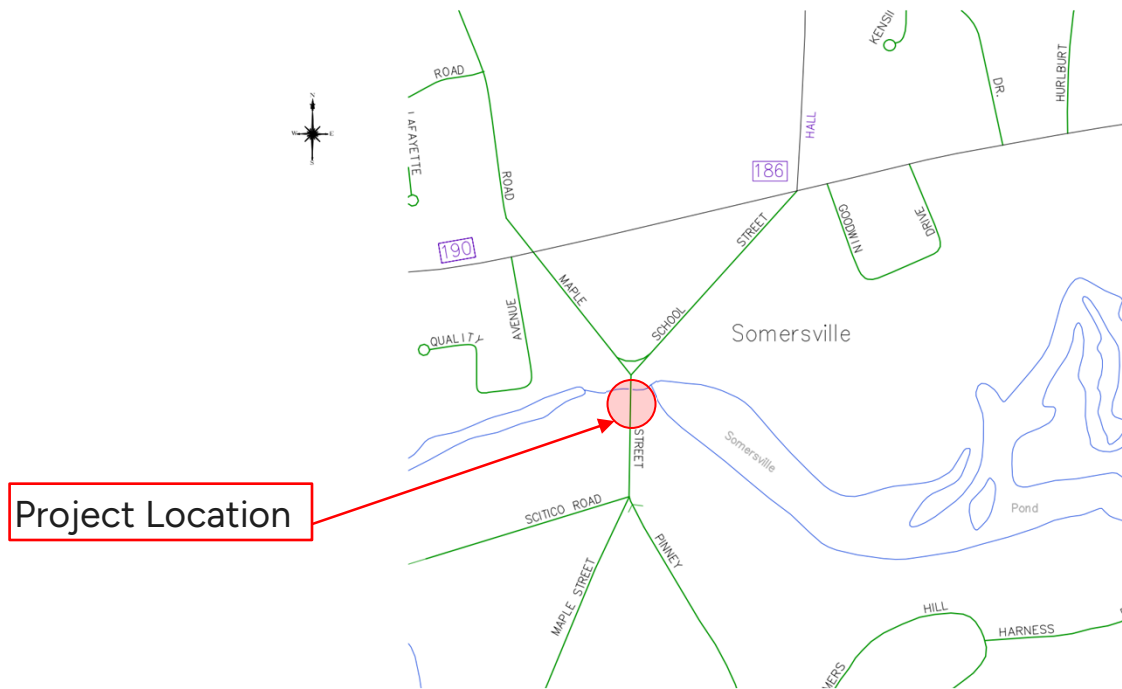
July 2026





Location Map – Bridge No. 04555

Maple Street Over Scantic River





Project Summary– Bridge No. 04555

- Virtual meeting guidelines & Instruction
- Local Transportation Capital Improvement (LOTICIP)
 - 100% Federal Funding (Design)
 - 100% State Funding (Construction)
- Existing Conditions
- Proposed Project Overview
- Project Cost & Schedule
- Rights-of-Way Overview
- Public Discussion



Existing Structure Overview – Bridge No. 04555

Existing Structure

Two spans (22'-22') stone masonry arches with concrete extension at east (upstream) side of the bridge.

Condition

- Numerous cracks on spans structure and random voids on stone masonry show active leakage with efflorescence.
- Traffic safety features do not meet current standards. There is no crash worthy vehicle barrier to protect the drop-off on the west side of the bridge.
- The bituminous concrete wearing surface has transverse and longitudinal cracks
- Existing sidewalk on the western side of the bridge is narrow and widening the sidewalk is not feasible due to the constraints of the bridge



Existing Conditions – Bridge No. 04555



Upstream Bridge Elevation



Downstream Bridge Elevation



Existing Conditions – Bridge No. 04555



Scantic River Upstream



Scantic River Downstream



Existing Conditions – Bridge No. 04555



Sidewalk & East Parapet



Spillway Upstream



Existing Conditions – Bridge No. 04555



Old Building Wall Remnants & Fence Barrier



Bridge Travel Way



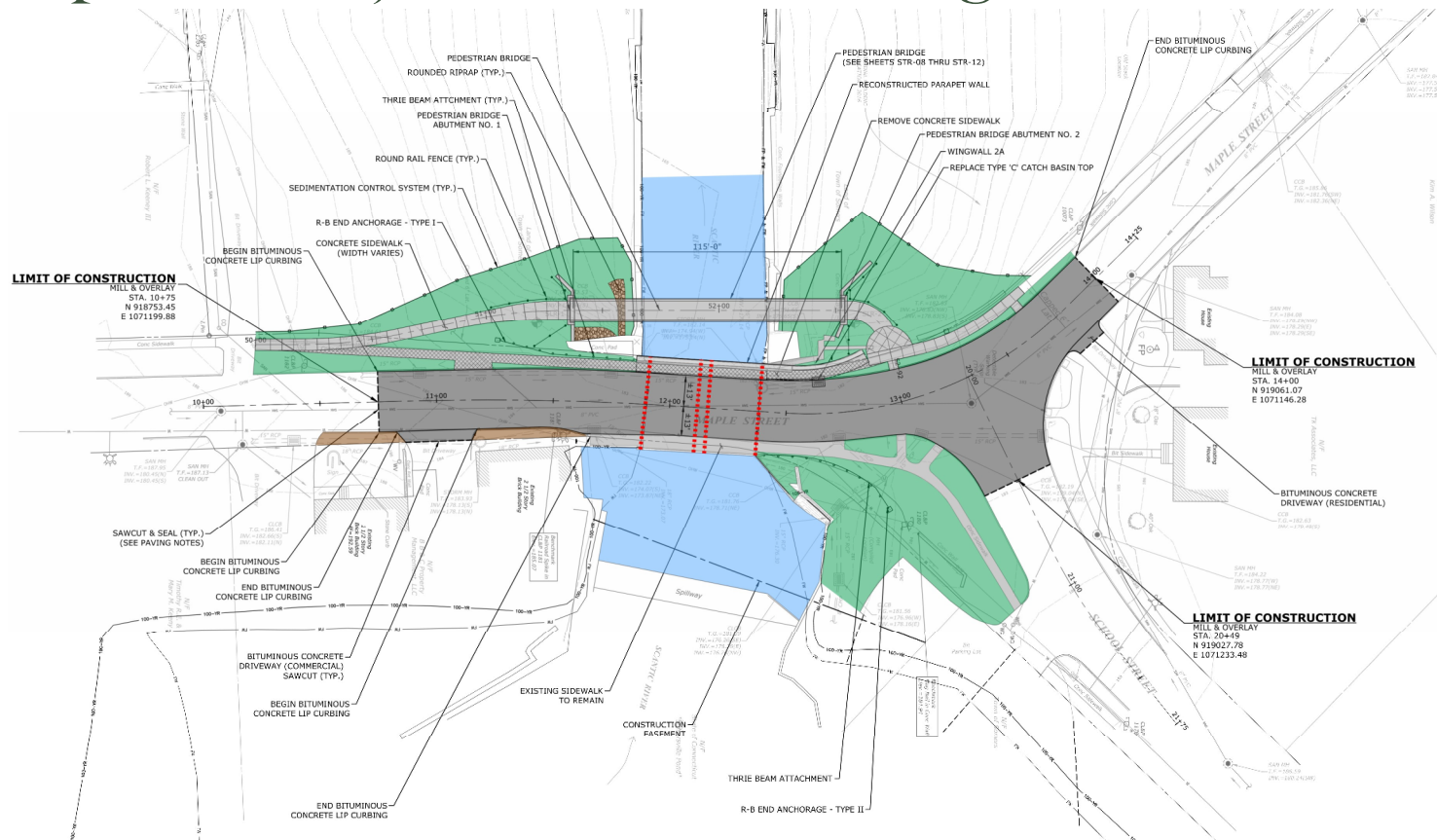
Proposed Project Overview – Bridge No. 04555

Proposed Improvements

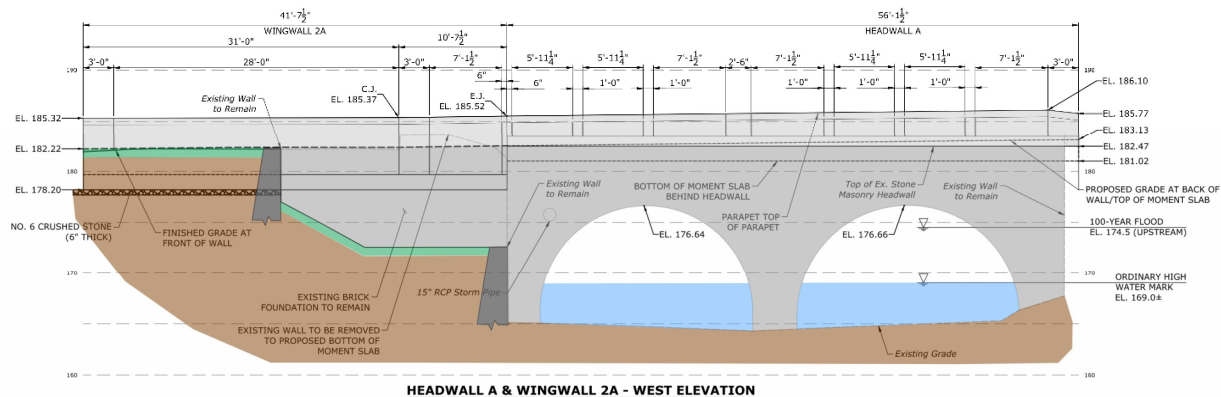
- Install cross-roadway underdrains on Maple Street on both approaches to direct subsurface flows away from the arches.
- Repoint stone masonry arches and headwalls.
- Repair voids by pressure injecting grout.
- Repair cracks and spalls in concrete portion of the arches.
- Construct concrete parapet with moment slab on the western side of the bridge to provide a crashworthy barrier with similar aesthetic to the existing barrier on the east side.
- Installation of a new parallel pedestrian bridge downstream of the existing bridge for safe pedestrian mobility.

Site Impacts

- Rounded Riprap in front of the pedestrian bridge abutments/wingwalls for slope stabilization .
- Landscape plantings on both approaches to the pedestrian bridge.



Proposed Project Overview-Bridge No. 04555







Road Closure & Detour-Bridge No. 04555



Project Location



Permit Process– Bridge No. 04555

- Obtain CTDEEP NDDB & Fisheries Approval
- Obtain USFWS IPaC Approval
- Attend CTDOT Pre-application Interagency Meeting
 - Identify USACE and CTDEEP Permits
- Obtain SHPO & THPO Approval
- Prepare CTDOT FMC/MOU
- Prepare Town of Somers Inland Wetland Permit Application



Project cost & Schedule – Bridge No. 04555

- Local Transportation Capital Improvement (LOTICIP)-100% Federal Funding(Design)/ 100% State Funding(Construction)
- Anticipated Construction-Spring/Summer 2027

CONSTRUCTION COST SUMMARY	
Project Subtotal	\$1,825,000
Incidentals (10%)	\$182,500
Contingency (10%)	\$182,500
Total Project Cost	\$2,190,000



Do you
have any
questions?



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Sustainability
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