

MEMORANDUM

TO: Hamilton Planning Board
Attn: Mark Connors

DATE: May 29, 2025

FROM: Rebecca Clark, PE

PROJECT NO.: T1093.01

RE: Bridge Street and Miles River Road Roadway Improvements

The purpose of the roadway improvements proposed on Bridge Street and Miles River Road are to improve roadway surface conditions and address current stormwater drainage issues within the project limits. The project limits are along Bridge Street from Bay Road to Miles River culvert (approximately 1,400 feet) and along Miles River Road from Bridge Street to Essex Street (approximately 3,550 feet).

The scope of the proposed improvements includes resurfacing or reconstruction of the pavement within the project limits, pedestrian accessibility improvements at non-compliant sidewalks through driveway crossings, and drainage improvements. The drainage improvements include: addition of berm or curb in order to convey stormwater to drainage basins or swales and prevent runoff into residents' properties, installation of additional catch basins or leaching basins to collect stormwater runoff, construction of a new drainage trunk line on Bridge Street and outlet to Miles River, and construction of new / expanded drainage swales on Miles River Road to convey stormwater runoff off the road.

In order to construct the proposed drainage outlet for the new drainage trunk line on Bridge Street, the removal of two trees within the public layout is required. The drainage outlet structure and stone for pipe ends are proposed to be constructed at a location within the Town Right-of-Way, and at a sufficient distance behind the sidewalk/guardrail to provide the necessary outlet elevation to ensure the drainage system will flow to the outlet. The outlet location is proposed where the Town Right-of-Way is widest in this area to avoid the need for a permanent drainage easement on private property. The two trees are located on either side of the outlet pipe and structure; the tree trunks themselves will not be impacted by the proposed structures, but the tree roots will be impacted by the excavation and regrading of the ground, so the trees are proposed to be removed.

The project aims to preserve the characteristics of the scenic road as much as possible while improving current pavement conditions and drainage issues. The disturbed area at the location of the outlet/tree removals will be stabilized and reseeded as necessary. TEC will review any opportunities for new tree plantings in the project limits with the Town DPW and incorporate if feasible.