

STAFF REPORT

**IWWA APPLICATION: AGENDA ITEM III.1
MAY 14, 2026 MEETING**

To: Conservation Commission/**Inland Wetlands and Watercourses Agency**

From: Suzanne Simone, Environmental Planner



Date: May 8, 2026

**Re: Request for Determination for Inclusion Under the General Permit:
Collapsing Pipe Under Road, Between #25 and #26 Woodhaven Road**

Review Documents:

Engineering Dept Narrative Dated: May 8, 2026

General Permit Matrix and BMPs

Photo of Current Site Condition

Proposal

The Engineering Department seeks determination whether the Agency would allow a proposed cured-in-place pipe repair to be covered under the General Permit. During deliberation for issuance of the General Permit it was decided that repair and replacement of pipes larger than 36", and with continuous flow, requires review by the Agency to determine whether the General Permit applies or a separate application for permit is required.

The Assistant Town Engineer will attend the meeting and review the current site conditions and the proposed remedy.

If the Agency allows this repair work to be covered under the General Permit:

DRAFT MOTION

MOVED, that the Inland Wetlands and Watercourses Agency determines the cured-in-place rehabilitation of the existing and collapsing 48" pipe under the town road between #25 and #26 Woodhaven Road is covered under the General Permit and may proceed provided the previously agreed upon Best Management Practices are adhered to.

If the Agency does not allow this repair work to be covered under the General Permit:

DRAFT MOTION

MOVED, that the Inland Wetlands and Watercourses Agency determines the cured-in-place rehabilitation of the existing and collapsing 48" pipe under the town road between #25 and #26 Woodhaven Road requires an application for an IWWA permit.

May 8, 2026

MEMORANDUM

To: Inland Wetlands and Watercourses Agency
Suzanne Simone, Environmental Planner

From: Patrick Boggs, P.E., Assistant Town Engineer

PRB

Re: #25 & #26 Woodhaven
48-Inch ACCMP Culvert Cured-in-Place-Pipe (CIPP) Rehabilitation
IWWA Determination Request

The Engineering Division is working with the Highway Department and the Town's Purchasing Department to procure bids to rehabilitate a forty-eight (48") inch diameter asphalt-coated curved metal pipe (ACCMP) located underneath Woodhaven Drive between house #25 and #26. We are requesting a determination from the IWWA whether the project can be covered under a staff-administered General Permit.

The pipe has deteriorated over time. Inspections of the pipe have revealed that portions of the bottom of the pipe have been lost due to corrosion. During larger storm events, soil around the pipe become liquified and washes away. This results in depressions in the soil above the pipe, which appear similar to sinkholes. Periodically, the Town's Highway Department needs to add material (soil and/or rock) to the depressions. To address the issue, in a more permanent manner, it is proposed to rehabilitate the pipe by installing a cured-in-place-pipe (CIPP) lining system. The CIPP system will utilize the existing pipe and create a new surface inside the pipe, which will be equivalent to a new pipe. The system can be installed with minimal site disturbance.



Figure 1: Before and After Pictures of Pipe Rehabilitated with CIPP Lining System (image taken from piperestorationsolutions.com)

This project is a high priority for the Engineering Division and Highway Department. Cones and caution tape are currently set up in place along Woodhaven Drive and residents in the area are expressing concern. It is anticipated that a request for proposal (RFP) will be issued in May of 2026 and construction will occur in early summer. The construction process should take no more than two weeks, during which time town staff will be overseeing/inspecting the work.

