

# WATER RESOURCES Management Update

**Barnstable Town Council  
March 2026**

Prepared by:  
Barnstable Department of Public Works



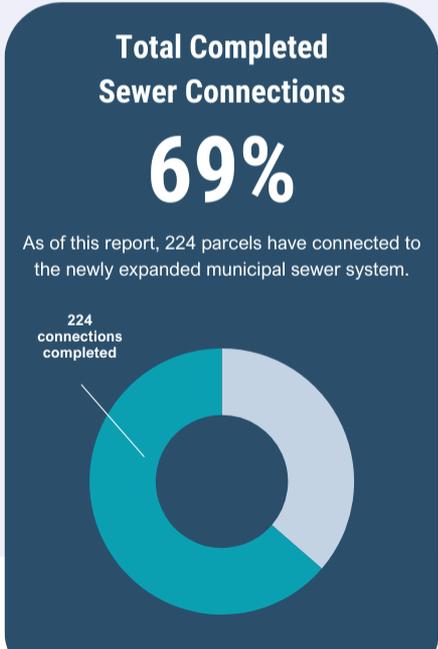
**BARNSTABLE**  
Water Resources



# CWMP Sewer Connections

as of March 10, 2026

Sewer connections have become available in 'rounds' and were staggered as a result of specific properties relying on the Phinney's Lane Pump Station to convey wastewater to the Water Pollution Control Facility. This chart shows connection totals by both the project in which properties are associated with, as well as the 'round' in which property owners were notified of their connection eligibility and deadline. Compliance is managed by the Barnstable Health Division and Board of Health; extension requests are available and if granted will have an effect on total completion percentages.

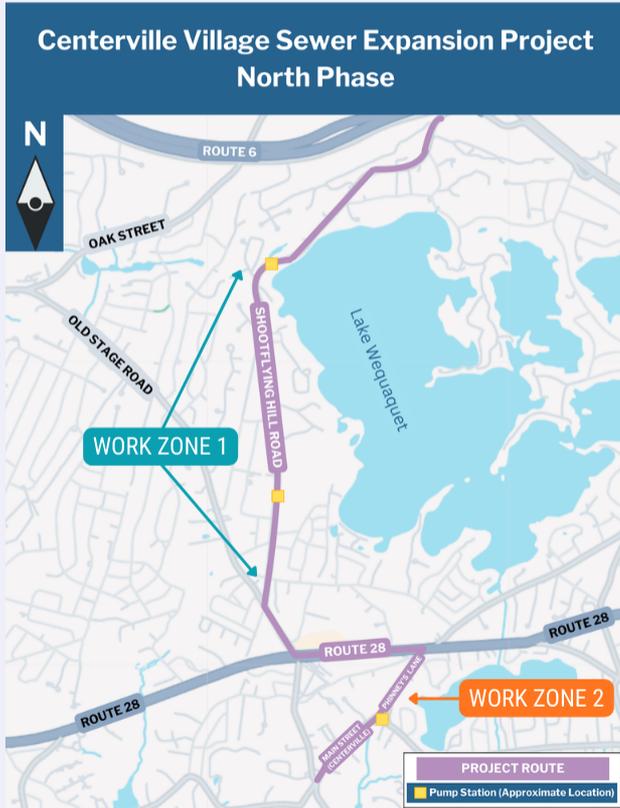


Project	Pre-CWMP 20 Parcels	Round 1 (Summer 2024) 146 Parcels	Round 2 (Fall 2024) 5 Parcels	Round 3 (Winter 2025) 153 Parcels	TOTAL 324 Parcels
Strawberry Hill Road		109	3	45	157
Route 28 East		---	---	54	54
Hyannis Ave (Private Sewer Extension)*	11	---	---	---	11
Maywood Ave (Private Sewer Extension)*	2	---	---	---	2
<b>PERCENT COMPLETE</b>		<b>74%</b>	<b>60%</b>	<b>64%</b>	<b>69% (224)</b>

\*Privately funded & constructed sewer extension projects; do not have 6-mo connection deadlines.



# Centerville Village Sewer Expansion - North Phase



Status: Active Construction

Anticipated Completion: Spring 2027

**Sewer Construction Resumed Monday, March 9th**

## Work Zone 1: Shootflying Hill Road

Work hours: Monday - Friday, 7:00AM - 5:00PM

- Requires closure of Shootflying Hill Road, from Service Road to Great Marsh Road.
- Includes in-road sewer construction in vicinity of Hillside Drive.
- And work at both pump stations:
  - 944 Shootflying Hill Road
  - 567 Shootflying Hill Road

## Work Zone 2: Phinney's Lane

Work hours: Monday - Friday, 7:00AM - 5:00PM

- Requires closure of Phinney's Lane, from Route 28 to Main Street, Centerville.
- Includes in-road sewer construction in vicinity of Old Post Road and Sachem Drive.
- And work at the Mother's Park pump station.



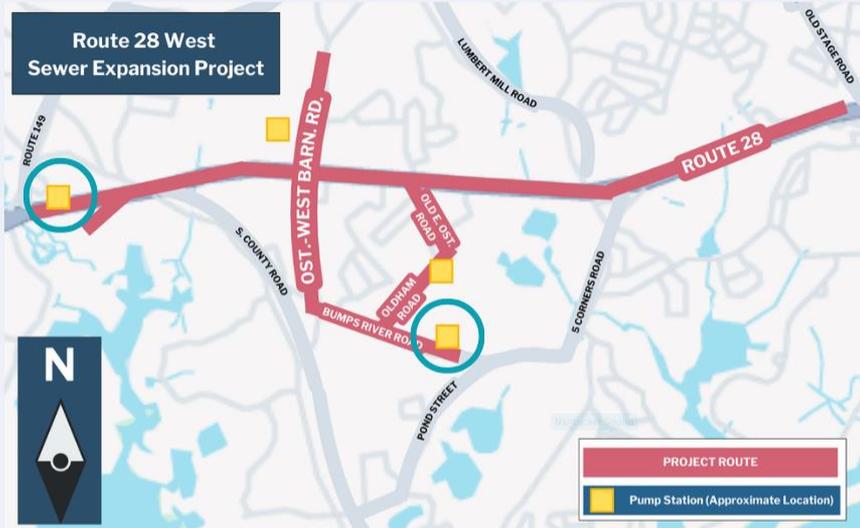
## Upcoming - Work Zone 3: Route 28 (OVERNIGHT)

Work hours: Monday - Thursday *evenings*, 7:00PM - 6:00AM

- Anticipated to resume week of Monday, March 16th



# Route 28 West Sewer Expansion



**Status: Active Construction**

**Anticipated Completion: Winter 2028**

Identified as a key goal within Phase 1 of the Town's CWMP.

This project serves as a backbone for future sewer expansion in Marstons Mills, Osterville, and Cotuit, and is a critical step toward protecting the heavily impaired Three Bays Watershed.

## Pump Station Construction

Four (4) sewer pump stations identified within this project; two are actively under construction.

Work hours: Monday - Friday, 7:00AM - 5:00PM

- Pump Station: Southwestern corner of former Marstons Mills School Property
  - Site preparations ongoing.
  - Media release and construction notices distributed to direct abutters.
- Pump Station: Southwestern corner of Cape Cod Collaborative School Property
  - Site preparations on going and earthwork ongoing.
  - Media release and construction notices distributed to direct abutters.

Recent briefing to the Barnstable School Committee; presentation recording available here: <https://streaming85.townofbarnstable.us/internetchannel/show/12185?channel=1> (1:53:00 mark)



# Marstons Mills Pump Station - Overview



Southwestern corner of former Marstons Mills School Property  
(Aerial)



Southwestern corner of former Marstons Mills School Property  
(Rendering)



# Bumps River Road Pump Station - Overview



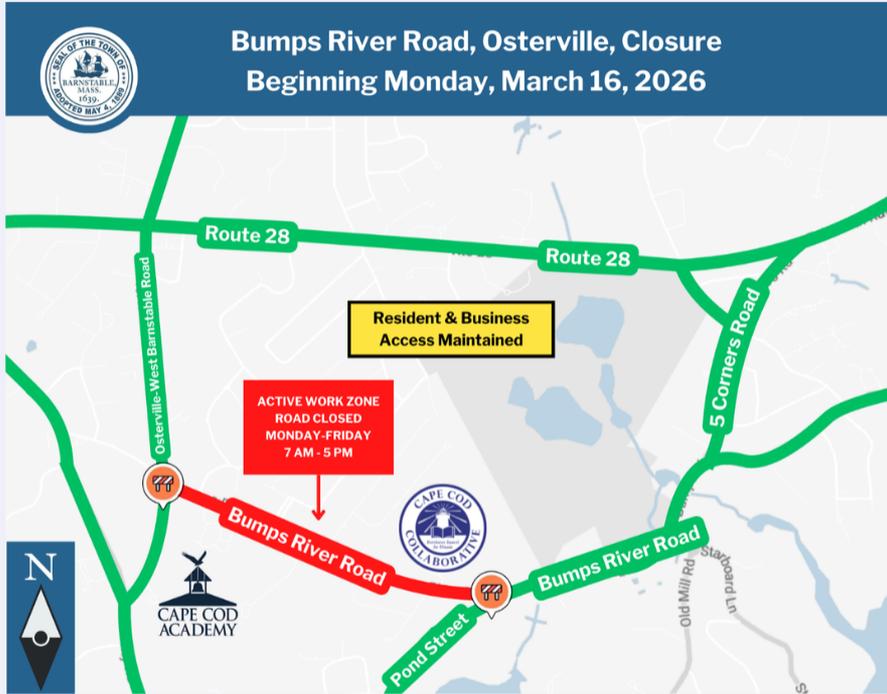
Southwestern corner of Cape Cod Collaborative School Property  
(Aerial)



Southwestern corner of Cape Cod Collaborative School Property  
(Rendering)



# Route 28 West Sewer Expansion



**Bumps River Road, Osterville, Closure**  
**Beginning Monday, March 16, 2026**

**Status: Active Construction**

**Anticipated Completion: December 2028**

**Sewer Construction Begins Monday, March 16**

Work hours: Monday - Friday, 7:00AM - 5:00PM

- Requires closure of a portion of Bumps River Road, from Osterville-West Barnstable Road to Pond Street.
- Detour signage will be in place and local resident and business access will be maintained.
- This phase of work is anticipated to be completed by the end of May.

Communications & Outreach

- Media release distributed.
- Social media, app notification, and inclusion in Town's eNews.
- Abutter letter mailed to over 500 properties within the area to communicate how to navigate when you reside within a road closure.

Coordination with Area Schools

- On-going coordination with leadership from both the Cape Cod Collaborative and Cape Cod Academy.
- Outreach materials provided for students and faculty.
- Custom directional signage.



# Phinney's Lane Neighborhoods Sewer Expansion

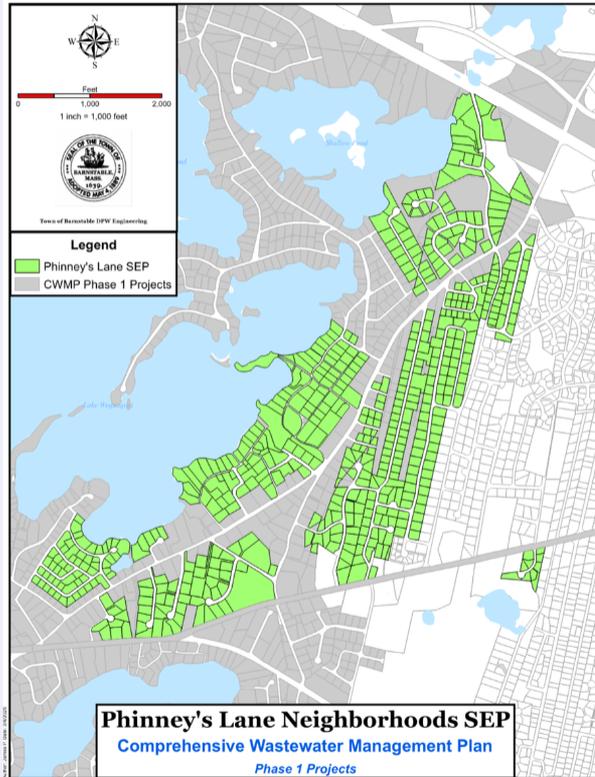
**Status: Preparing for Public Bid**

**Anticipated Construction: Fall 2026 - 2029**

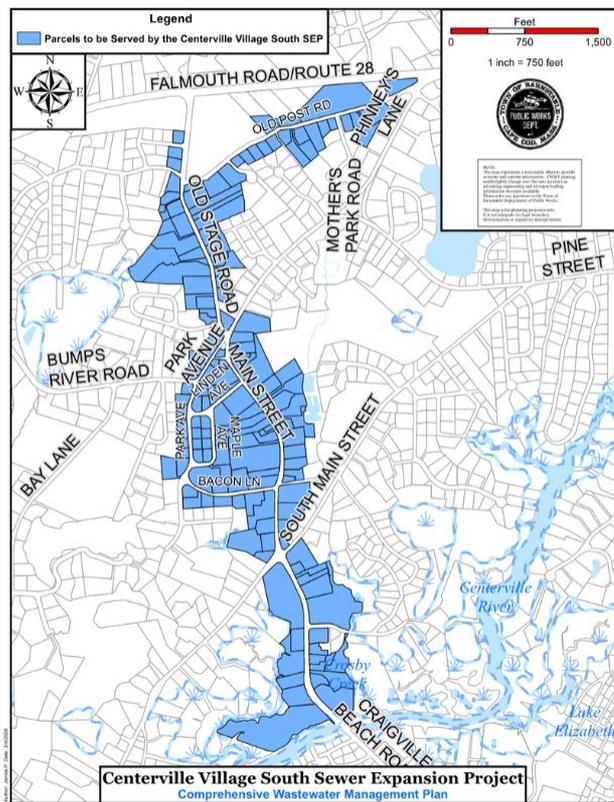
- Will expand sewer into the residential neighborhoods on the east and west side of Phinney's Lane, which will tie into the sewer infrastructure constructed along Phinney's Lane as part of the Strawberry Hill Road and Route 28 East projects.
- Anticipated to sewer +/- 580 properties.

## Next Steps

- Public Information Meeting: Wednesday, March 11 at 6:00PM
  - DPW staff to review the status of sewer design and anticipated construction impacts as well communications and outreach plans.
  - Mailed notice distributed to all property owners identified to receive sewer as part of this project, as well as traditional communications channels (media release, social media, mobile app, Town's eNews).
- Preparing project for public bid
  - Anticipate advertising construction contract in April.
  - To award construction contract by June 30, 2026.
  - Contractor selected will develop high-level construction schedule.



# Centerville Village Sewer Expansion - South Phase



**Status:** Preparing for Public Bid

**Anticipated Start:** Fall 2026 - 2028

- Continuation of the Centerville Village - North Phase, delivering sewer service to portions of Main Street (Centerville), Craigville Beach Road, Old Stage Road, South Main Street, and Churchill Road.
- Anticipated to sewer +/- 150 properties.

## Next Steps

- Public Information Meeting: TBA
  - Working to schedule a public informational meeting to review the status of design.
  - Mailed notice to be distributed to all property owners identified to receive sewer as part of this project, as well as traditional communications channels (media release, social media, mobile app, Town's eNews).
  - Completed filing with Massachusetts Historical Commission (MHC) and briefing with Barnstable Historical Commission.
- Preparing project for public bid
  - Anticipate advertising construction contract in April.
  - To award construction contract by June 30, 2026.
  - Contractor selected will develop high-level construction schedule.





# CWMP Ad Hoc Committee

## Next Meeting: Monday, March 16, 2026 at 5:00 PM

- Established by Town Council in September 2024 to support the development of the Town's first Five-Year Adaptive Management Update.
- Committee includes Town Councilors and citizen volunteers and has met publicly seventeen times in compliance with the Open Meeting Law.
  - Resources, agendas, and meeting recordings available at:  
[barnstablewaterresources.com/ad-hoc-committee/](https://barnstablewaterresources.com/ad-hoc-committee/)
- Discussions have centered on how emerging technologies may inform refinements to implementation.
- Major area of focus has been evaluating the performance and potential role of innovative and alternative septic systems, including Best Available Nitrogen Reducing Technologies (BANRT), as a complementary tool where sewerage may be less feasible or not immediately available.

## Board of Health Workshop: Monday, March 16, 2026 at 3:00 PM

- The Committee has actively been working with Health leadership to explore potential policies that would allow for strategic, appropriate use of I/A systems while maintaining public health protections and alignment with CWMP goals.
- Workshop will cover proposed requirement for BANRT solutions at properties within 1,000 feet of surface waters that feed into Nitrogen Sensitive Areas (NSAs).



# Ongoing Treatment Plant Construction Projects

## Nitrogen Removal and Headworks Improvements Project Wastewater Treatment Plant - Water Pollution Control Facility (WPCF)

- This work will reduce the average effluent concentration of nitrogen from the facility's current 6 milligrams per liter +/- to an average concentration of 3 milligrams per liter or less.
- This reduction of nitrogen concentration in plant effluent will reduce the total nitrogen load to the Lewis Bay Watershed.
- Additionally, the four stage Bardenpho process, followed by the Membrane Bioreactor being installed, will result in a very high-quality treated effluent, which enables opportunities for additional treatment processes to be considered as part of future work.

## Straightway Water Treatment Facility Project Water Supply Division - Hyannis Water System (HWS)

- The new facility will provide the ability to maximize the permitted capacity of HWS
- Restore the amount of water that the wells can supply to permitted capacity
- Allow the water treatment facility to operate year-round
- Improve the water treatment process to further improve water quality
- Protect the wells and buildings from flooding
- Improve overall system resiliency.



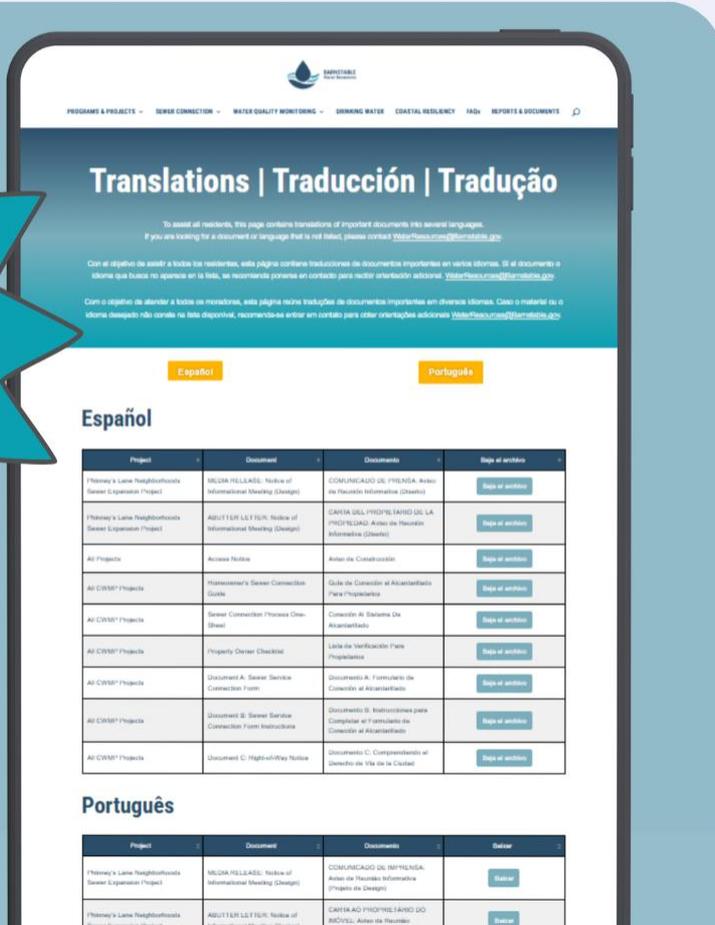
Aerial rendering video available at: <https://bit.ly/WPCFRendering>



# Recent Communications Efforts

## New Translations Page!

Key information, public outreach materials, notices, and more available in Español and Português.



## Key Documents Now Translated into Español & Português

- Sewer Connection Guide
- Sewer Connection Process Flyer
- Sewer Service Connection Form
- Sewer Service Connection Form Instructions
- Right-of-Way Notice
- Property Owner Checklist
- Construction / Temporary Traffic Access Notice
- Phinney's Lane Neighborhoods Sewer Expansion Project
  - Abutter Letter
  - Media Release





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