

# Centerville Village Sewer Expansion Project – North Phase

Informational Meeting

October 1, 2024  
Barnstable Adult Community Center



Town of Barnstable  
Department of Public Works





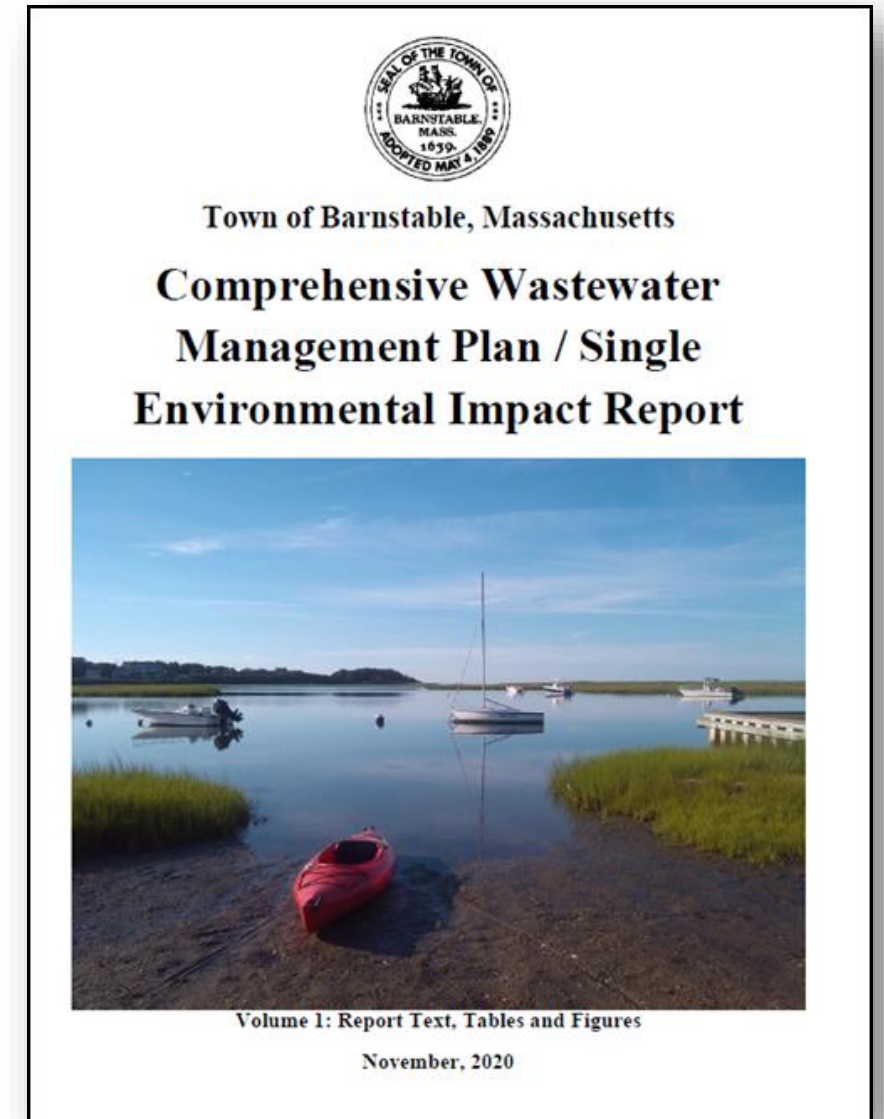
# Meeting Agenda

- CWMP Overview
- Centerville Village Sewer Expansion Project
  - Project History
  - Phased Approach
  - Review Scope of North Phase
  - Contract Conditions
  - Construction Impacts
  - Pump Station Sites
- Communications Plan
- Sewer Connection Process
- Questions



# What is the CWMP?

- **Comprehensive Wastewater Management Plan**
- A planning document, required by regulatory agencies, which identifies the Town's wastewater needs and establishes a recommended plan for resolving them
- Barnstable's CWMP was regulatorily approved in April of 2021
- Barnstable's CWMP is a 30 Year Plan
  - In Year 4 of 30





# The General Problem

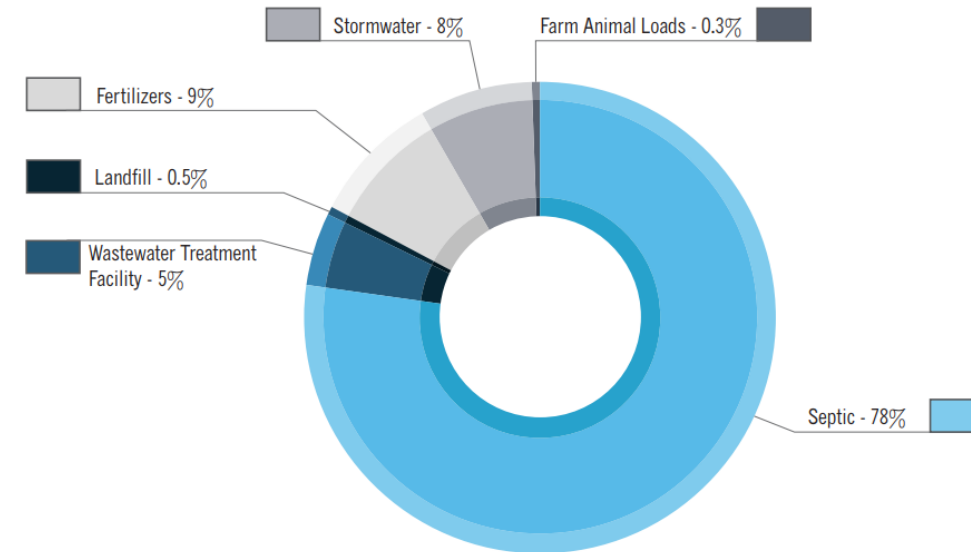
- Impaired coastal waters (nitrogen)
- Groundwater quality concerns
- Pond water quality concerns
- Flood zone and climate change
- Promote targeted economic development
- Regulatory requirements





# Nitrogen Pollution in Barnstable

- Nitrogen pollution in Barnstable has been documented by the Massachusetts Estuary Project (MEP)
- Barnstable's coastal waters are impaired due to nitrogen
- Town must meet Total Maximum Daily Loads (TMDL's)
- ±78% of controllable nitrogen comes from septic systems
  - Title V systems are not designed to remove significant nitrogen
  - Currently approved Innovative/Alternative (I/A) septic systems do not remove enough nitrogen to achieve TMDL's in Barnstable
- Sewers necessary to achieve TMDL's.



## Controllable Nitrogen Sources on Cape Cod

Source: Cape Cod Area Wide Water Quality Management Plan Update, 208 Plan; Cape Cod Commission; June 2015

# Cost of Inaction

- Federal Clean Water Act requires communities to meet TMDL's
- Failure to implement:
  - Further damage to water quality and water resources
  - Negative impacts to local economy and property values
  - Town at risk of court order, lawsuits and/or regulatory enforcement
- Newly proposed Title V regulations
  - Town must implement watershed management plan or all properties potentially required to install I/A systems



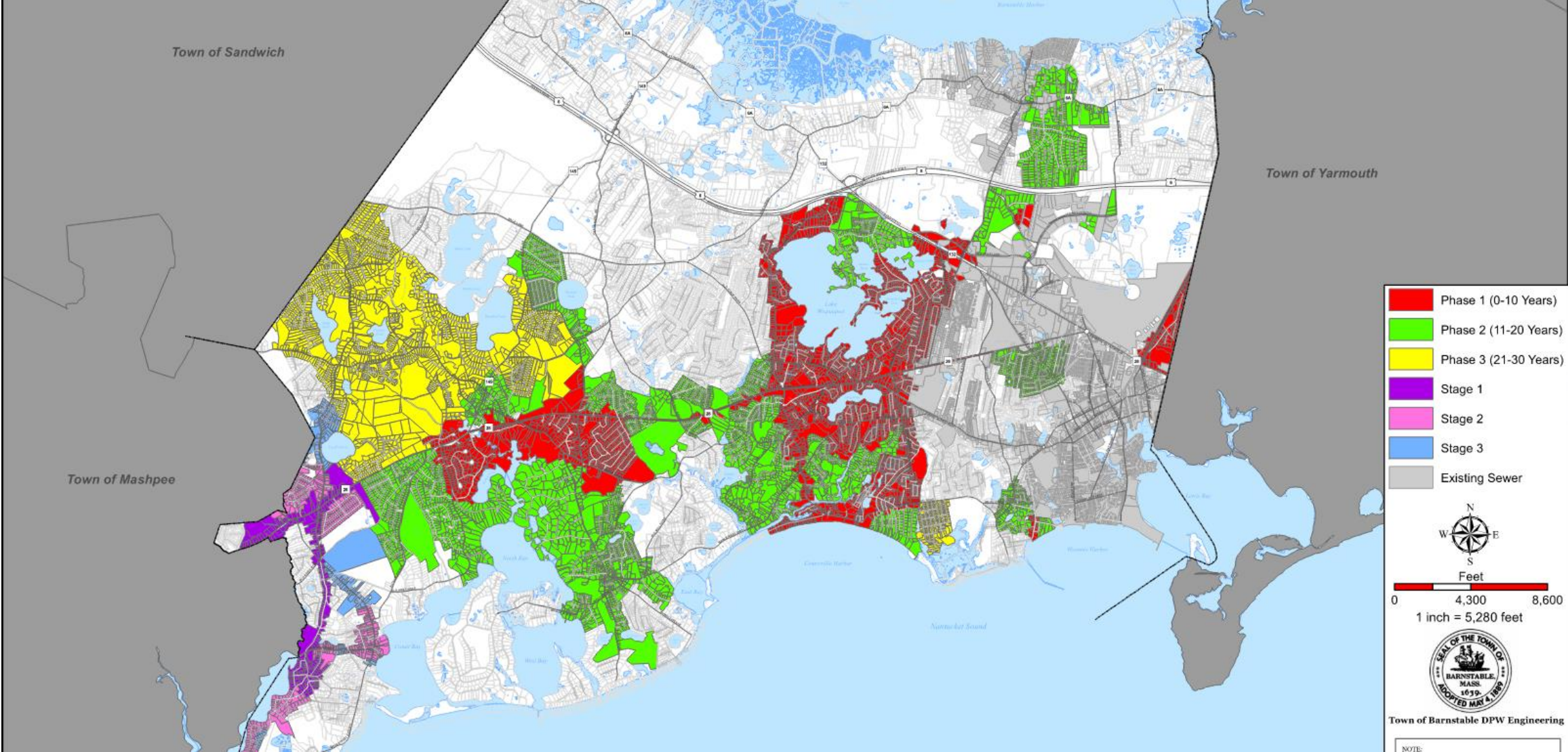


# Barnstable's Plan

- (3) 10-Year Phases of Sewer Expansion
  - ±190 miles of new sewers
  - ±11,800 properties to be connected to sewer
  - Phases executed as multiple smaller projects
  - Centerville Village Sewer Expansion Project
    - North Phase is the third major sewer expansion project in the program
- Leverages existing infrastructure to the maximum extent possible (WPCF, sewers, etc.)
- Incorporates “non-traditional projects” (dredging, stormwater, etc.), but doesn't rely on them
- Adaptive Management
  - Plan is flexible and adaptive
  - 5-Year updates required
  - Annual updates to Cape Cod Commission
- Achieves TMDLs

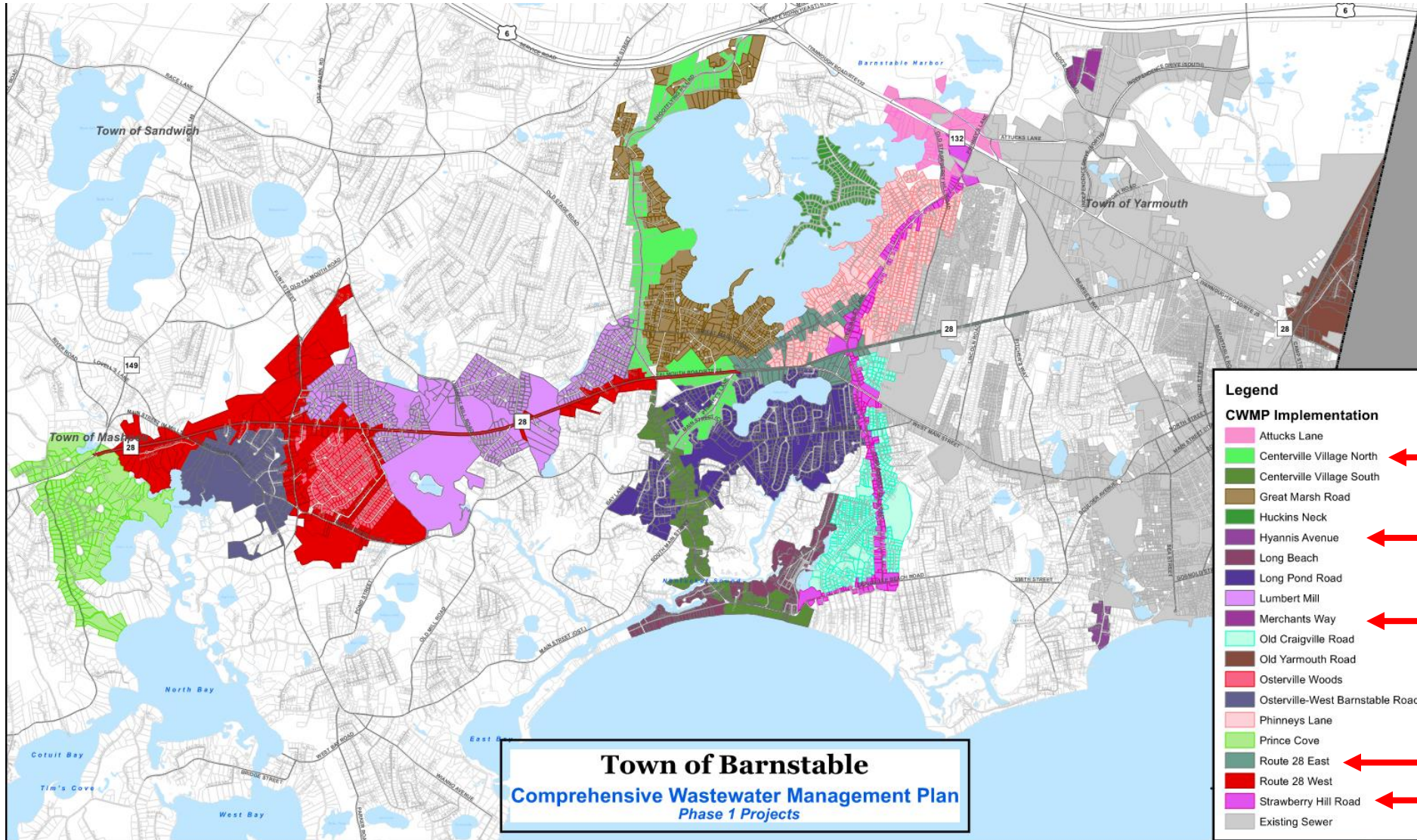


# Sewer Expansion Phasing Plan, June 2024





# Phase 1 Project Implementation Plan, June 2024

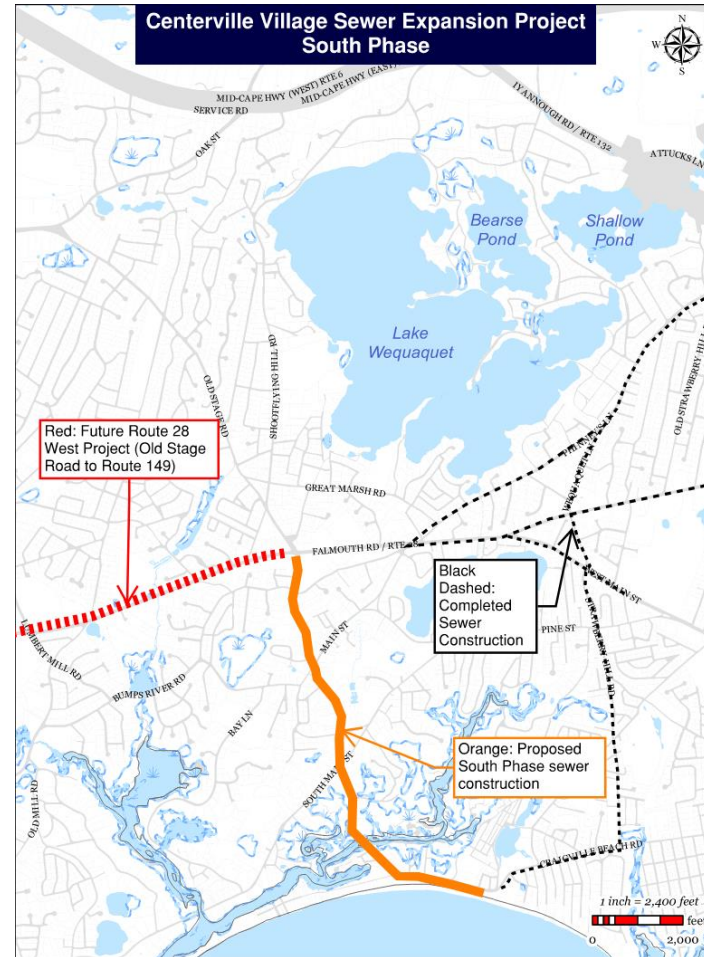
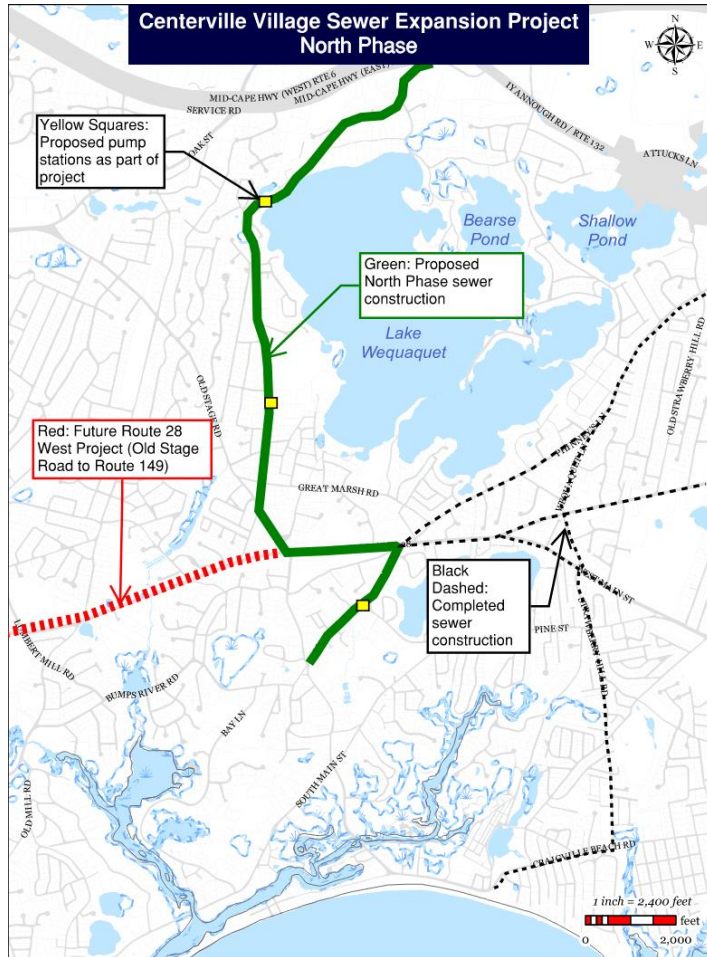


**Legend**

**CWMP Implementation**

- Attucks Lane
- Centerville Village North ← **Tonight's Topic**
- Centerville Village South
- Great Marsh Road
- Huckins Neck
- Hyannis Avenue ← **Project Complete**
- Long Beach
- Long Pond Road
- Lumbert Mill
- Merchants Way ← **Project Complete**
- Old Craigville Road
- Old Yarmouth Road
- Osterville Woods
- Osterville-West Barnstable Road
- Phinneys Lane
- Prince Cove
- Route 28 East ← **Project Substantially Complete**
- Route 28 West
- Strawberry Hill Road ← **Project Complete**
- Existing Sewer

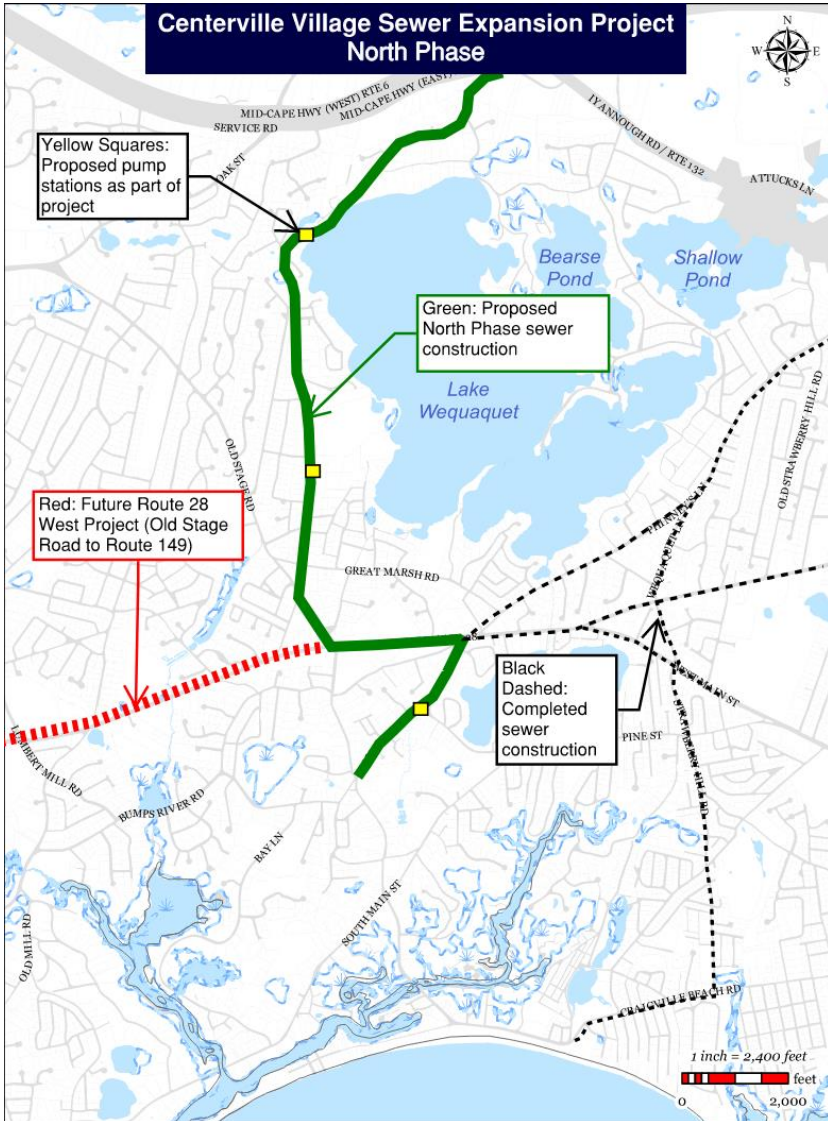
# Centerville Village Sewer Expansion Project



- Project developed to expedite sewer expansion along planned offshore wind project route
- Due to wind project delays and to maximize financing and subsidies, project was Phased into 2 Phases: North Phase and South Phase
- **North Phase: Topic for this meeting**
  - Construction to commence this fall
- South Phase: In development. Construction anticipated to commence next fall



# Centerville Village Sewer Expansion Project North Phase



- ±3.8 miles of new sewers to be installed on:
  - Route 28 from Phinneys Lane to Old Stage Road
  - Phinneys Lane/Main Street from Route 28 to Old Stage
  - Old Stage Road from Route 28 to Shootflying Hill Road
  - Shootflying Hill Road from Old Stage to Service Road
- 3 new submersible sewer pump stations
  - 567 Shootflying Hill Road
  - Easement on a Portion of 944 Shootflying Hill Road
  - Mothers Park Road
- ±220 parcels to be connected to sewer
  - Removal of 5.7 kg/day of Nitrogen from the Centerville River Watershed
- Construction contract award in process
  - Contractor = CC Construction --- Contract = \$20,380,342.14

# CVSE – North Phase: Contract Conditions

- Contractor has 870 days (29 months) from issuance of Notice to Proceed to complete the contract
  - Anticipate construction starting before end of year
  - Completion Spring, 2027
- Work Hours
  - Normal Work Hours will be Monday through Friday, 7 AM to 3:30 PM
  - Work within Route 28 will be night work, Monday through Friday, 9 PM to 5 AM
  - Work hours may be modified/extended upon approval of DPW Director
- Work Restrictions
  - No work on Town observed holidays
  - No work from Memorial Day to Labor Day
  - Restrictions may be modified/waived upon approval of DPW Director
- Contractor's traffic management plans must be reviewed and approved by DPW and Emergency Services (Police, Fire, etc)
  - DPW also coordinates with School's to coordinate bus routes and postal service to coordinate mail delivery



# Construction Impacts

- Major infrastructure project
  - Sewer = deep excavations (10-15' deep, up to 25' deep)
- Multiple crews in multiple coordinated work zones
- Trenching within roadway, shoulders and sidewalks
  - Temporary uneven road surfaces
- Coordinated road closures and detours necessary for public safety
  - Police details, flaggers, signage
- Trimming of trees above roadway necessary; selective removal of trees may be necessary
- Noise and vibrations from construction activities
- Fences, landscaping, etc. located in the public right of way may need to be relocated





# Preparation: Tree Trimming





# Construction: Road Closures and Detours



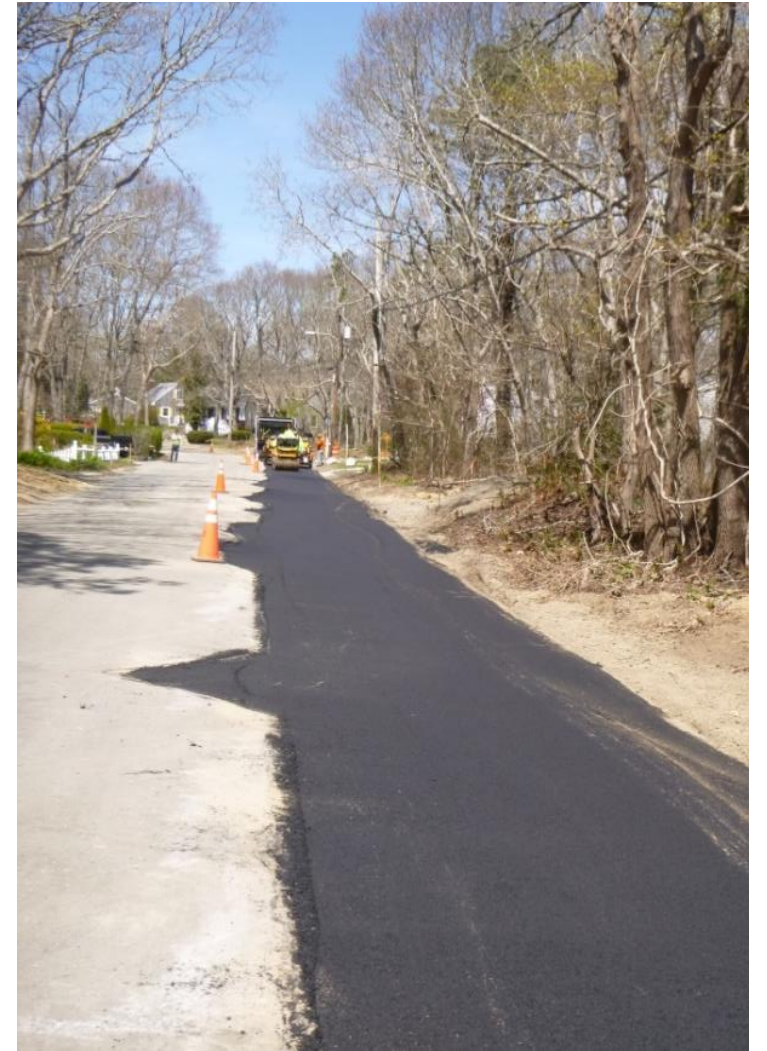


# Construction: Excavation



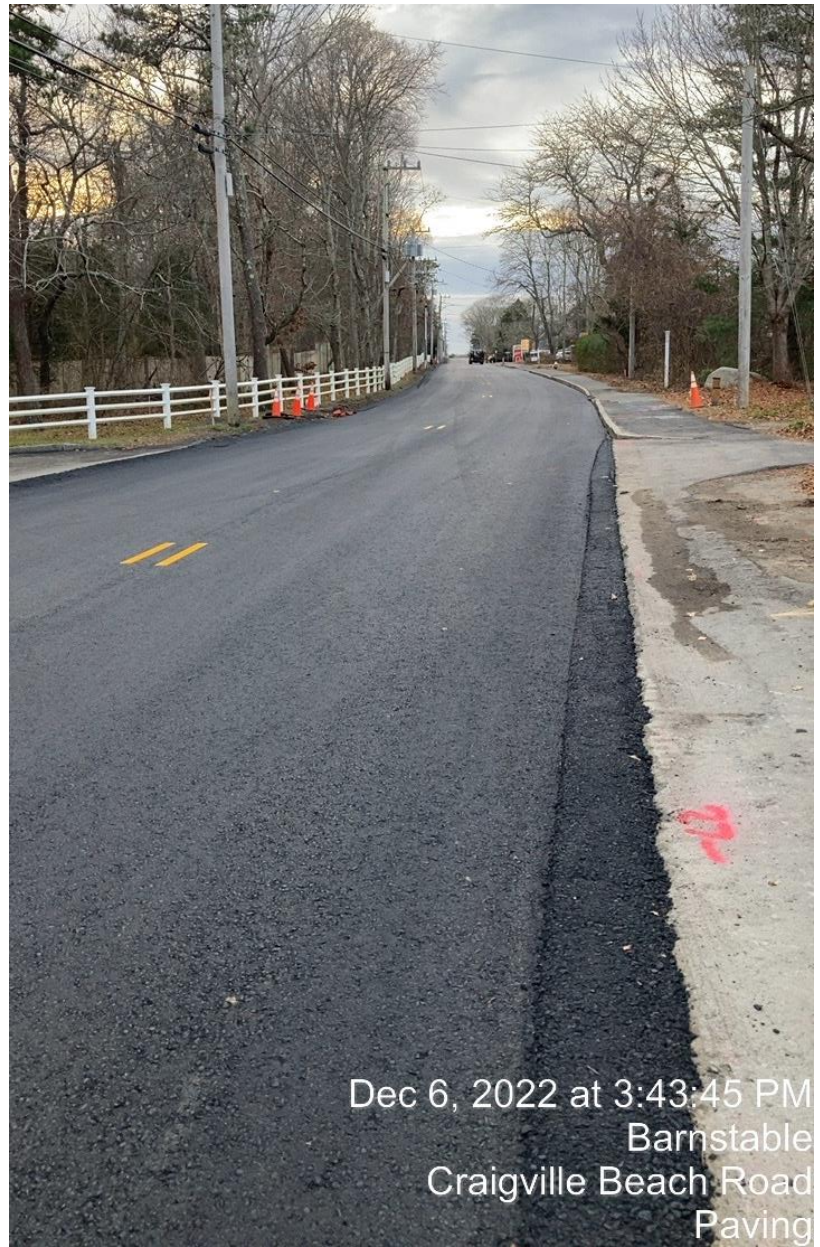


# Construction: Temporary Paving





# Final Paving





# Construction Coordination with Wind Project

- It is anticipated that coordination with the wind project will be necessary on Shootflying Hill Road
- Utilities are not installed at same time and are not in the same trench. Sewer work to be completed first.
- General sequence of construction for Shootflying Hill Road:

## Preparation

- Utility markouts, tree trimming, survey work, equipment mobilization

## Sewer Construction

- Removal and/or relocation of utilities within proposed sewer trench, if necessary
- Sewer mains being the deepest utility, will be installed first (20-100 LF per day)
- Sewer laterals installed to the property line of each property along the route. Generally after sewer main is installed. (2-4 laterals installed per day)
- Testing of sewers

## Permanent Utility Relocations/Improvements (water, drainage, gas, etc.)

- Water Main relocation (by wind developer) anticipated along length of wind project route

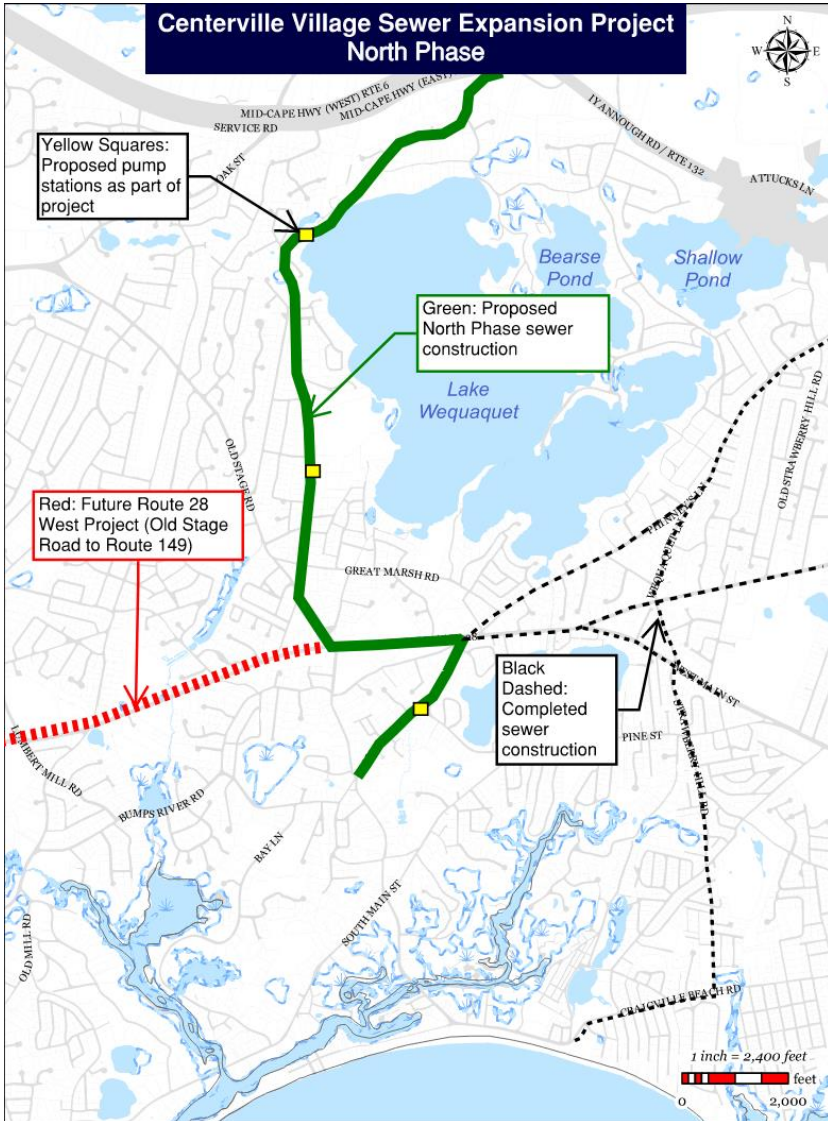
## Wind Duct Bank Installation

- Install pull vaults (1 approximately every 1,500 LF)
- Install duct banks (100-200 LF per day)
- Testing of duct bank
- Pulling of cable through duct bank

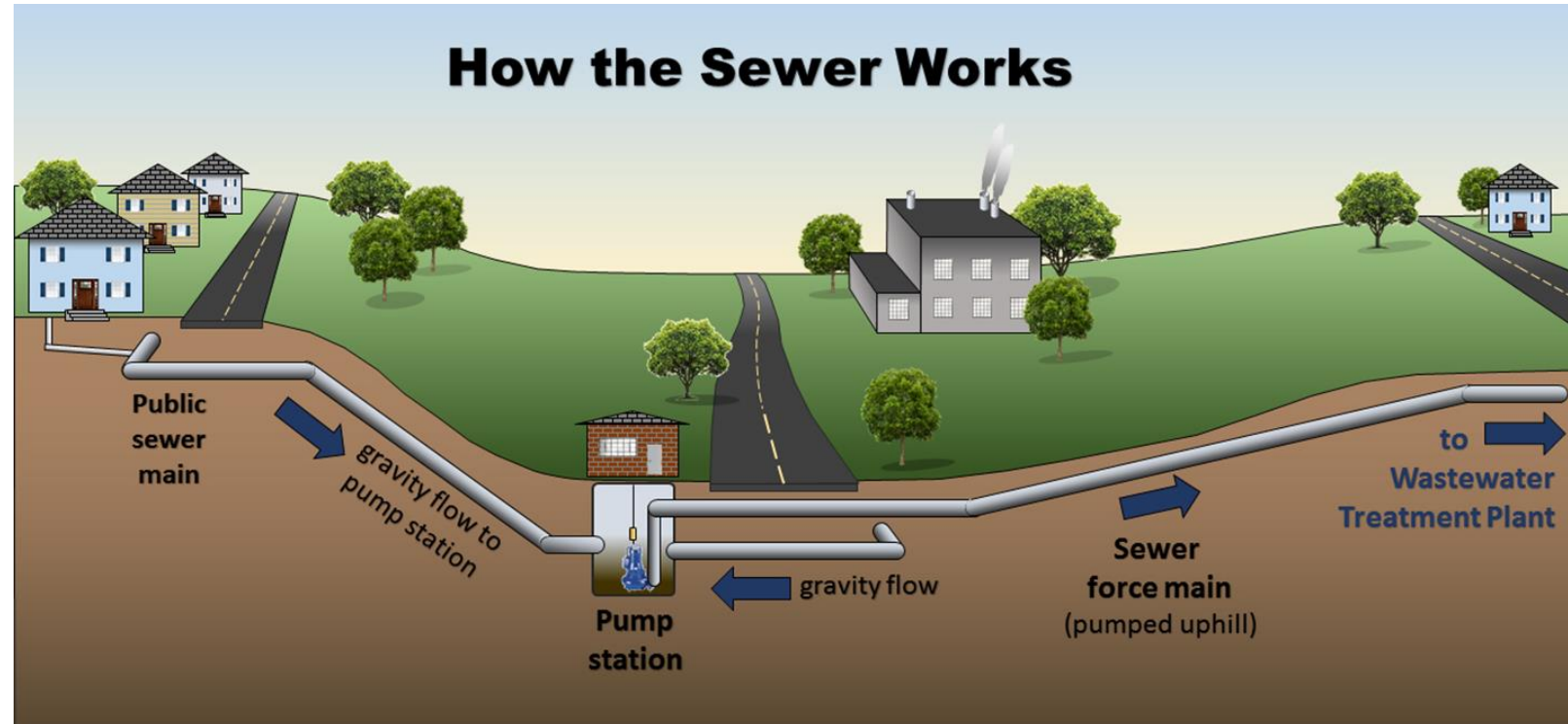
**\*\*\*Restoration/Improvements and Final Paving of Roadways\*\*\***



# Sewer Pump Stations



- 3 proposed submersible sewer pump stations
  - 567 Shootflying Hill Road
  - Easement on a Portion of 944 Shootflying Hill Road
  - Mothers Park Road





# Submersible Pump Stations



**Strawberry Hill Road, Centerville**  
(Note: Final Restoration has not been completed)



**Rendezvous Lane, Barnstable Village**



# Pump Stations Operations and Maintenance

- Crews required to visit the pump station once a day
  - Identifiable in Town pickup truck, will consist of visual inspection
  - Pump station monitored remotely
- Periodic maintenance to service old/failing components
- Generators automatically exercised weekly for 15 minutes
- Odors and noise are generally not an issue for pump stations when properly functioning
- Landscaping is maintained by Town crews







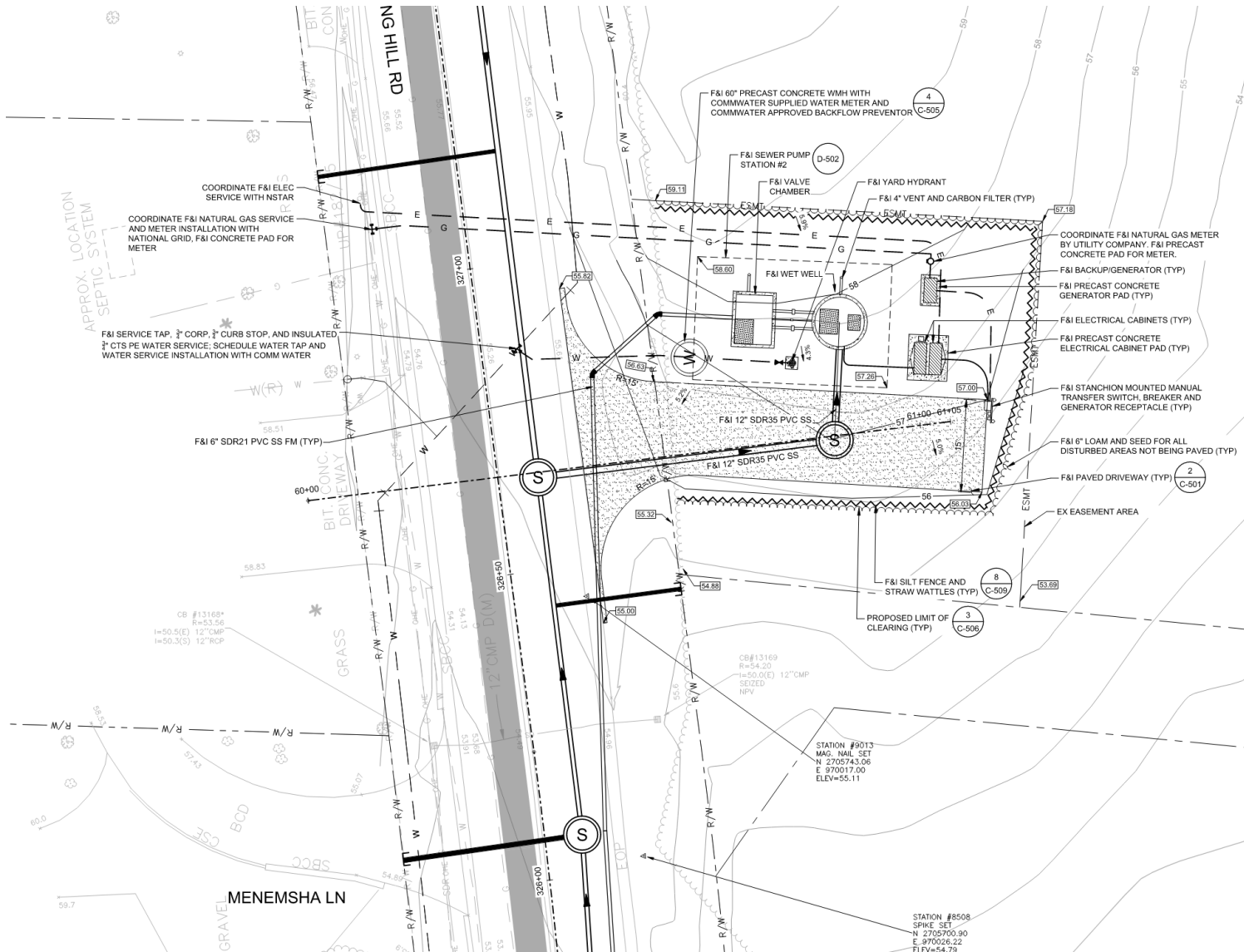


# 567 Shootflying Hill Road Pump Station





# 944 Shootflying Hill Road Pump Station



- Town acquired an easement from the property owner
- Submersible pump station
- Standby generator, electrical control cabinet, paved driveway and stormwater management basin
- Property owner cleared the easement area prior to Town's acquisition



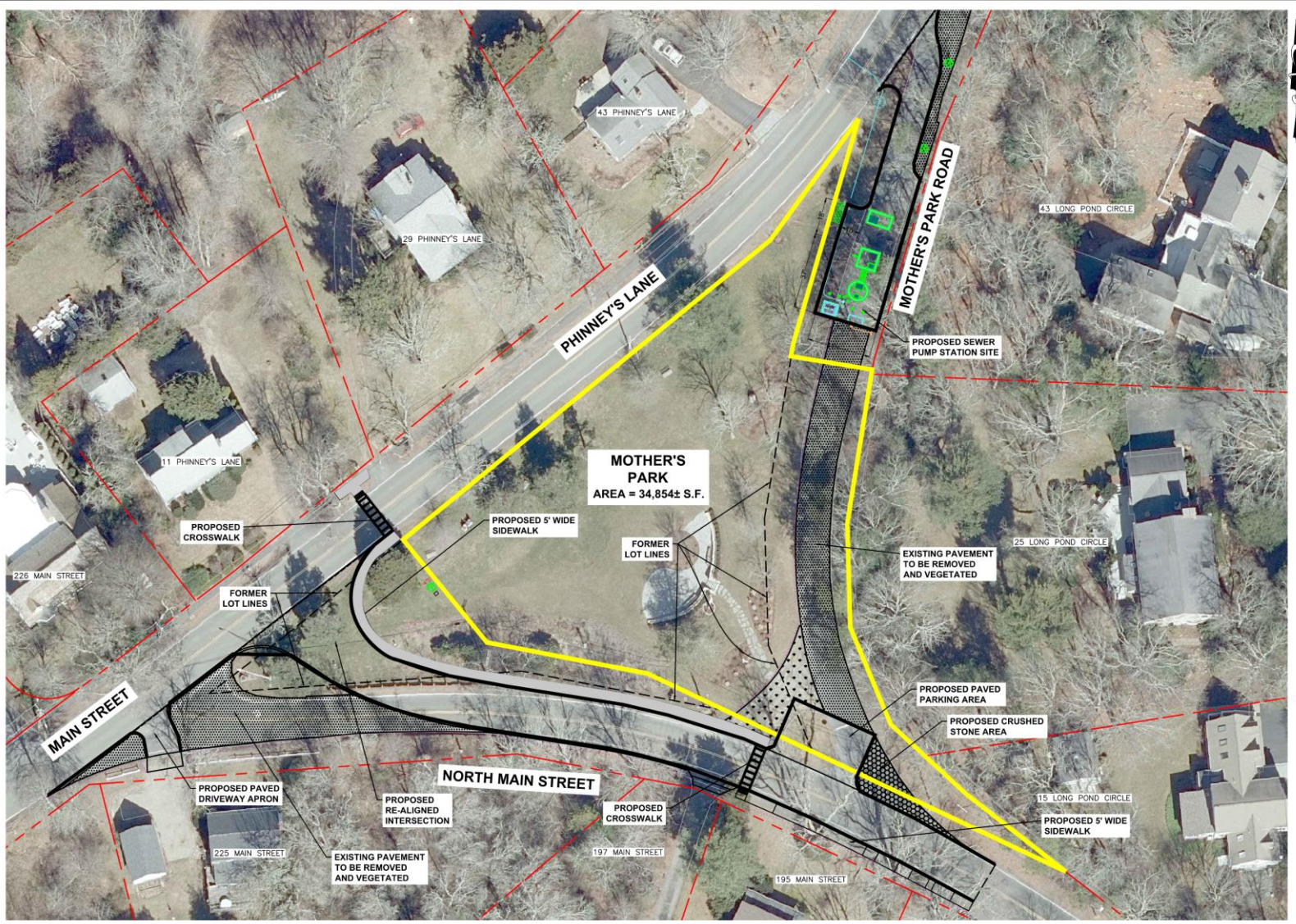
# 944 Shootflying Hill Road Pump Station





# Mother's Park Pump Station

- Remove Mother's Park Road
- Install submersible sewer pump station in northern portion of formerly Mother's Park Road
- Realign intersection of Main Street/Phinney's Lane/North Main Street
- New sidewalks and crosswalks
- New parking area
- Net increase in size of park
- Second open space created on south side of intersection





# Mother's Park Pump Station





# Mother's Park Pump Station





# Mother's Park Pump Station

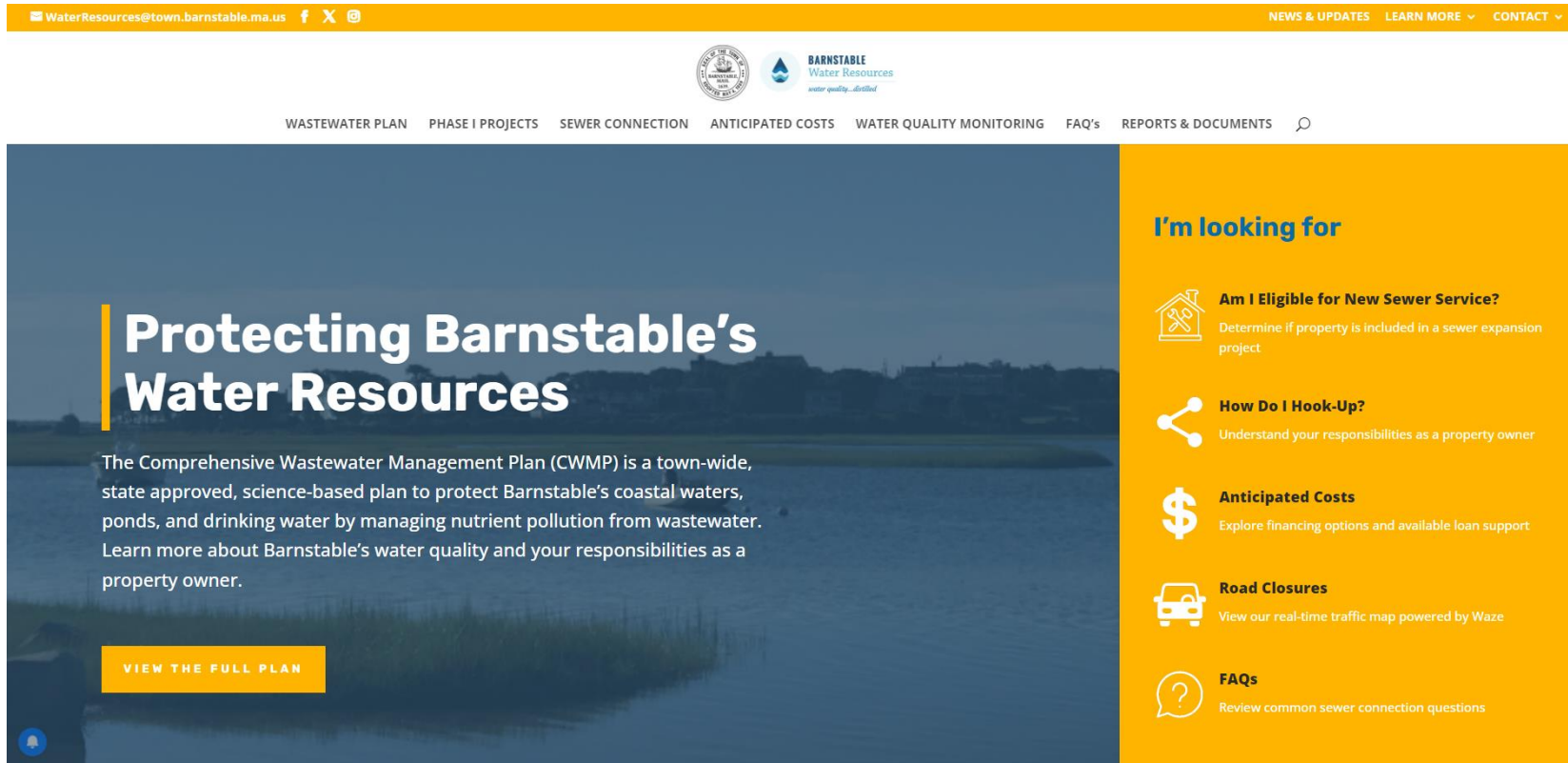




# Communications Plan

<https://barnstablewaterresources.com/>

A centralized 'communications hub' **simplifies access** to information.





# Pre-Construction Communications



**The Town of Barnstable**  
Department of Public Works  
382 Falmouth Road, Hyannis, MA 02601  
508.790.6400



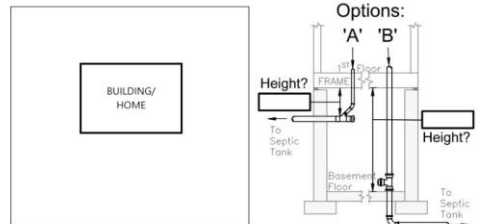
Daniel W. Santos, P.E.  
Director

Robert R. Steen, P.E.  
Assistant Director

**Document A: Sewer Service Connection Form**  
(See enclosed Document B for instructions on filling out this form)

Is the property a Single Family, Duplex, Condominium or Business: \_\_\_\_\_  
Full Cellar \_\_\_\_\_ Finished Cellar \_\_\_\_\_ Crawl Space \_\_\_\_\_ No Cellar \_\_\_\_\_  
How does your sewer pipe exit your basement? Through the wall \_\_\_\_\_ Through the Floor \_\_\_\_\_

Comments:  
**A. Property Sketch Instructions:** Please provide a sketch of your property in the "Property Sketch" area below and indicate the position of your building in relation to the surrounding street(s), including street name, building additions, garages, driveways, walkways, landscape features, location of existing septic system and where the existing sewer pipe leaves the house (if known), existing underground utilities, and the desired location of your new sewer service connection.  
**B. Basement Section View Instructions:** Please circle the "Basement Section View" option that best represents where the sewer pipe exits your basement and provide the height measurement in the box provided.



**A. Property Sketch**  
**B. Basement Section View**  
OWNER'S NAME: \_\_\_\_\_ PHONE #: \_\_\_\_\_  
PROPERTY ADDRESS: \_\_\_\_\_ (PRINT) EMAIL: \_\_\_\_\_  
OWNER'S SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

Please return the completed form by September 3, 2021 via email to [paul.ruszal@town.barnstable.ma.us](mailto:paul.ruszal@town.barnstable.ma.us) with a digital scan or photo of the form, or by the return envelope to the Barnstable Department of Public Works at 382 Falmouth Road, Hyannis, MA 02601.

PLEASE COMPLETE AND RETURN THIS FORM SO THAT WE MAY BETTER SERVE YOU!!!

Sample Sewer Connection Form



**The Town of Barnstable**  
Department of Public Works  
382 Falmouth Road, Hyannis, MA 02601  
508.790.6400



Daniel W. Santos, P.E.  
Director

Robert R. Steen, P.E.  
Assistant Director

November 8, 2023

## 725 Main Street Sewer Pump Station Project Construction Update

Dear Property Owner:

The Town of Barnstable's Contractor, RJV Construction Corporation, will begin mobilizing within the vicinity of 725 Main Street, in anticipation for the start of construction at the 725 Main Street Sewer Pump Station. Starting, Monday, November 13, 2023, RJV will begin the installation of erosion controls, followed by site preparation and tree clearing along Dumont Drive, temporary fence installation, and performing test pits. This work will occur Monday through Friday, from approximately 7:00AM to 4:00PM. As construction progresses, Department of Public Works personnel will provide further communication.

This work is part of the Town's Sewer Pump Station Rehabilitation Program. Previous evaluations of the 720 Main Street Sewer Pump Station determined that the current infrastructure does not have the capacity to handle existing peak design flows, is approaching the end of its intended design life, and there wasn't sufficient room on the existing 720 Main Street parcel for additional sewer pump station infrastructure. As a result, the need to construct a new sewer pump station at 725 Main Street has been identified.

A public informational meeting reviewing the project was hosted on Wednesday, February 15, 2023, which included a public comment period. To review the meeting recording and supportive presentation materials, please visit: <https://bit.ly/725MainStreetPS>

If you have any questions, or wish to receive project updates, please contact Kelly Collopy, Communications Manager, at the Department of Public Works, at 508-790-6400 or [Kelly.Collopy@town.barnstable.ma.us](mailto:Kelly.Collopy@town.barnstable.ma.us).

Sincerely,

Kelly Collopy  
Communications Manager  
Barnstable Department of Public Works

Sample Project Start-Up Notification

The screenshot shows the website's navigation bar with links for WASTEWATER PLAN, PHASE I PROJECTS, SEWER CONNECTION, ANTICIPATED COSTS, WATER QUALITY MONITORING, FAQ'S, and REPORTS & DOCUMENTS. The main content area features a 'Project Status & Construction Updates' section with a 'Project Status' sub-section. A blue callout box is overlaid on the right side of the page with the text 'Project Status on BarnstableWaterResources.com'. Below the main content, there is a 'Phase 1 Progress' section and a 'HAVE QUESTIONS? CONTACT US' button.

## Construction Impacts

- Both the sewer and duct bank construction are major infrastructure projects
  - Sewer = deep excavations (10-15' deep, up to 25' deep)
  - Duct bank construction requires wide work zones, but shallower excavations
  - Duct bank vaults: 9' wide x 28' long x 9' deep – every 1,500 LF±
- Multiple contractors in multiple coordinated work zones
- Coordinated road closures and detours necessary for public safety
  - Police details, flaggers, signage
- Trimming of trees above roadway necessary; selective removal of trees may be necessary (extent TBD as design advances)
- Noise and vibrations from construction activities
- Fences, landscaping, etc. located in the public right of way may need to be relocated
- Uneven road surfaces



Sample Public Meeting Recording

The screenshot shows a video player interface. At the top, it says 'CENTERVILLE SEWER EXPANSION INFORMATIONAL SESSION'. The video title is 'CENTERVILLE SEWER EXPANSION INFORMATIONAL SESSION'. The video is from 'CHANNEL 14' and was recorded on '14, 2023'. The video is currently at 33:50 / 1:49:49. The player includes standard controls like play, pause, volume, and full screen.



# Active Construction Communications

**Goal: Proactively communicate project status and construction impacts in a timely manner, utilizing multiple formats across varying outlets to increase widespread community awareness**

Traditional Communication Methods	Digital Communication Methods	In-Person Outreach	Customized Tools and Tactics
<ul style="list-style-type: none"><li>• Media releases</li><li>• Local radio</li><li>• Mailings</li><li>• Signage (project wide and location-specific when appropriate)</li></ul>	<ul style="list-style-type: none"><li>• <b>Barnstable Water Resources</b></li><li>• Official Town of Barnstable social media postings</li><li>• Town of Barnstable weekly e-News</li><li>• Barnstable Water Resources issue-based newsletter</li><li>• MyBarnstable mobile app</li><li>• Waze for Cities partnership</li><li>• Use of QR codes to drive traffic to tracked landing pages for easy access and enhanced analytics</li></ul>	<ul style="list-style-type: none"><li>• Town Council briefings</li><li>• On-going neighborhood association, business, and civic organization meetings</li><li>• CWMP public workshop series (i.e. Barnstable Adult Community Center)</li><li>• Door-to-door outreach ahead of major traffic or construction changes</li><li>• Property owner phone call and email tracking</li></ul>	<ul style="list-style-type: none"><li>• Barnstable Government Access advertisements</li><li>• Discover Barnstable podcast to communicate evergreen content</li><li>• WaterWorks video series to educate about project-specific topics and program initiatives</li><li>• Local Business Toolkit including custom traffic management maps, sample social media postings, and communication best practices</li></ul>



# Active Construction Communications



**The Town of Barnstable**  
 Department of Public Works  
 382 Falmouth Road, Hyannis, MA 02601  
 508.790.6400



Daniel W. Santos, P.E.  
 Director

Robert R. Steen, P.E.  
 Assistant Director

January 12, 2024

**Construction Notice**  
**Route 28 East Sewer Expansion Project**

Dear Property Owner:

Sewer construction is actively underway as part of the Route 28 East Sewer Expansion Project. The Town's contractor, Robert B. Our, will continue excavation and installation of sewer pipe on Phinney's Lane.

You are receiving this notice as access to your property on **Sail-a-Way** is anticipated to be restricted due to active construction within the Phinney's Lane roadway.

**Access is anticipated to be restricted between Monday, January 15, through Friday, January 19, 2024, from the hours of 7:00 AM to 5:00 PM.**

Impacts will vary, dependent upon construction. Department of Public Works personnel will provide further communication to residents, as needed, as construction progresses.

Please note that all emergency access will be maintained throughout construction.

If you require special assistance to access your property during construction, please contact the Department of Public Works.

We apologize for any inconvenience this may cause. If you have any questions, please contact Kelly Collopy, Communications Manager, at the Department of Public Works, at 508-790-6400 or [Kelly.Collopy@town.barnstable.ma.us](mailto:Kelly.Collopy@town.barnstable.ma.us).

To learn more about the CWM/P and to review current Phase 1 projects, please visit: <https://barnstablewaterresources.com/>

Thank you,

Kelly Collopy  
 Communications Manager  
 Town of Barnstable DPW



Custom Business Access Map



**Protecting Barnstable's Water Quality and Quality of Life**

**Water Pollution Control Division Tour: Treating Barnstable's Wastewater**

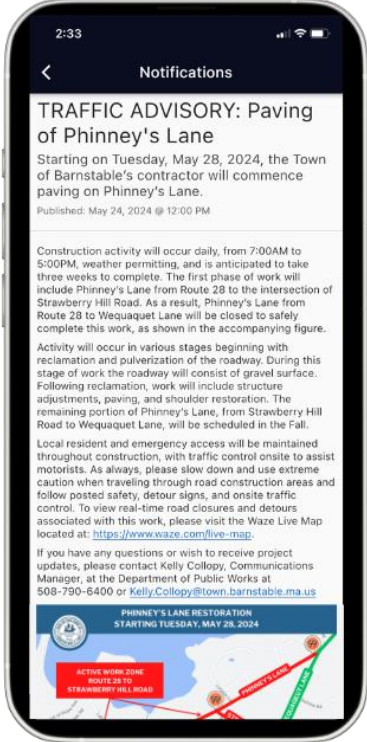
**Water Pollution Control Division Tour: Treating Barnstable's Wastewater**

**Water Works: A Conversation about Wastewater**

**Water Works: A Conversation about Wastewater**

**LEARN MORE**

Email Newsletter



MyBarnstable App

Sample Access Notification



# Post-Construction and Sewer Connection Communications

**Goal: Proactively communicate completion of project and restoration expectations while preparing property owners for the sewer connection process**

## Project Closeout Communications

- Project Closeout letters mailed to all identified property owners eligible for connection within a sewer expansion project
- Includes Sewer Connection process document
- Provides an overview of the anticipated communications cadence and outline of each Town department/division's role in the sewer connection and assessment process
- Media releases, traffic advisories, and door-to-door notifications as needed during restoration

## Homeowner's Sewer Connection Guide

- Roughly 30-page document that details the step-by-step process for connecting to municipal sewer, including important considerations and financial responsibility
- Outlines basic understanding of the Sewer Connection Policy, Sewer Assessment Ordinance, and available financing options with contact information to learn more
- Available for download with print hard copies to be available at Town facilities

## Additional Supportive Tools and Tactics

- CWMP public workshop series (i.e. Barnstable Adult Community Center)
- Annual neighborhood association and civic organization meetings
- Video assets, social media, mobile app, e-News, and Barnstable Water Resources newsletter
- Media pitching and storytelling



# Post-Construction and Sewer Connection Communications

Barnstable Water Resources


## SEWER CONNECTION

What you need to know about connecting to the municipal sewer system.

- 1 NOTICE OF SEWER CONNECTION HOOKUP**  
Per the Board of Health Sewer Connection Policy, property owners will be responsible for connecting to the municipal sewer system within 6 months of receiving notification from the Barnstable Health Division.
- 2 HIRE A LICENSED SEWER INSTALLER**  
You will need to hire a licensed sewer installer. This installer will do the actual construction necessary to connect your property to the sewer service stub installed at the property line. To view a list of licensed sewer installers, please visit: [bit.ly/sewer-installers](http://bit.ly/sewer-installers)
- 3 SEWER CONNECTION**  
Your licensed sewer installer will apply for necessary permits prior to commencing work on your property. With permits in hand, your contractor is authorized to begin work.
- 4 INSPECTION PROCESS**  
A Department of Public Works inspector will inspect the installation to ensure it complies with Town specifications. A tie card will be generated, which will be maintained in Town records. DPW will notify the Barnstable Water Pollution Control Division that your property is ready for sewer service billing.
- 5 SEPTIC SYSTEM ABANDONMENT**  
Your septic system must be either removed or filled in due to future safety concerns. This may be done by the same contractor who connects you to municipal sewer. Questions should be directed to the Barnstable Health Division at 508-862-4644 or via email at [health@town.barnstable.ma.us](mailto:health@town.barnstable.ma.us)
- 6 SEWER SERVICE BILLING**  
Property owners will be charged a sewer service user fee, based on their water usage. Your sewer service bill will occur at the same frequency as your water bill. The typical residential sewer usage bill averages \$490 annually.

Learn more about anticipated costs and financial support resources at: [www.barnstablewaterresources.com](http://www.barnstablewaterresources.com)


A Town of Barnstable website



Scan me!

Sewer Connection Process Document


Barnstable Water Resources



## HOMEOWNER'S SEWER CONNECTION GUIDE

What you need to know about connecting to the municipal sewer system.

VI / SUMMER 2024



Homeowner's Sewer Connection Guide

WaterWorks - A Conversation About Sewer Connections



## WATER WORKS

A CONVERSATION ABOUT SEWER CONNECTION

DEPARTMENT OF PUBLIC WORKS

Watch on YouTube



Video: A Conversation About Sewer Connection



# Homeowner's Sewer Connection Guide

## CONNECTING TO SEWER

### 1 Project Completion Letter

Upon completion of sewer construction, the Barnstable Department of Public Works will mail all eligible property owners a letter of project completion. This letter will include an overview of anticipated communications from Town departments such as the Barnstable Health Division and Barnstable Treasurer/Tax Collector's Office.

### 2 Notice of Sewer Connection Hookup

Once the newly expanded sewer system is deemed active, the Barnstable Health Division will issue a Notice of Sewer Connection Hookup for all properties eligible to connect to municipal sewer. In accordance with the Board of Health Sewer Connection Policy, property owners will be required to connect to the municipal sewer system within six (6) months of receiving notification (**See below excerpt or Appendix A**).

On December 19, 2023, the Board of Health approved its **POLICY: Deadline to Connect Buildings to Public Sewer (Appendix A)**, which states:

*"Section 360-13 of the Town of Barnstable Code requires that the owner of a building on a parcel of land which abuts a public or private way in which there is a public sewer shall connect the building to the public sewer. The Board of Health (Board) requires the owner of a building to comply with the Code and connect to the public sewer within six (6) months of the Board's letter notification if the owner has not yet complied with the Code."*

HOMEOWNER'S SEWER CONNECTION GUIDE | V1 SUMMER 2024

4

### 3 Hire a Licensed Sewer Installer

Once you have received your Notice of Sewer Connection Hookup, you will need to hire a **licensed sewer installer (Appendix B)**. Your licensed sewer installer will do the actual construction on your property and will be responsible for applying for the necessary permits.

In most cases, a qualified sewer installer is sufficient for both design and implementation; however, in a limited number of cases it may be necessary to also secure the services of a licensed professional civil engineer to assist with your sewer connection. The connection must comply with the Town of Barnstable's sewer connection specifications. Your contractor will assist you in determining the most effective way to arrange pipes on your property.

### 4 Sewer Connection

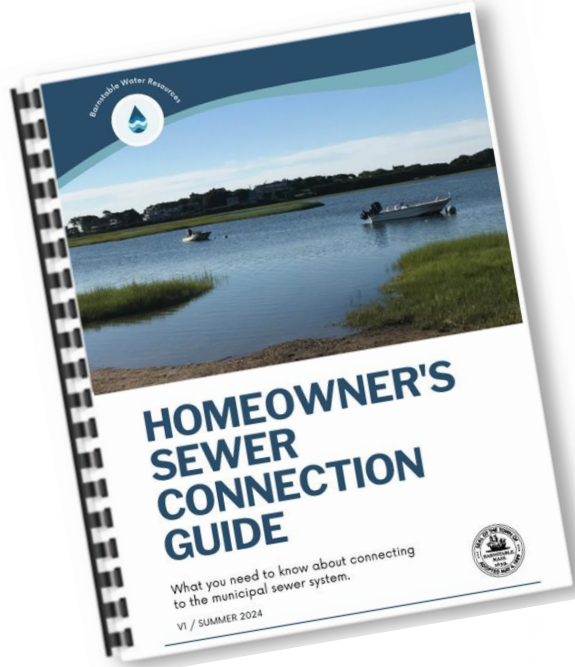
Your licensed sewer installer will apply for necessary permits prior to commencing work on your property. Contractors are required to contact DPW 48 hours prior to construction so that DPW can schedule an inspection. Ultimately, construction on your private property will consist of connecting the septic pipe that exits your building(s) to the sewer service stub installed at your property line. This will require excavation and installing pipe between those two points.

Depending on the connection, your contractor may be responsible for obtaining one or more of the following permits:

- **A Sewer Connection/Trench Permit from the DPW:** needed in all cases
- **A Septic System Abandonment Permit from the Board of Health:** needed in all cases where a septic system is being abandoned or removed
- **A Plumbing Permit from the Building Department:** needed when work as part of the connection is happening within the home, or within 10 feet of the property's foundation

HOMEOWNER'S SEWER CONNECTION GUIDE | V1 SUMMER 2024

5



[barnstablewaterresources.com/sewer-service-connection-center](https://barnstablewaterresources.com/sewer-service-connection-center)



# Sewer Connection Process

## 1 NOTICE OF SEWER CONNECTION HOOKUP

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## 2 HIRE A LICENSED SEWER INSTALLER

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## 3 SEWER CONNECTION

Your licensed sewer installer will apply for necessary permits prior to commencing work on your property. With permits in hand, your contractor is authorized to begin work.

## 4 INSPECTION PROCESS

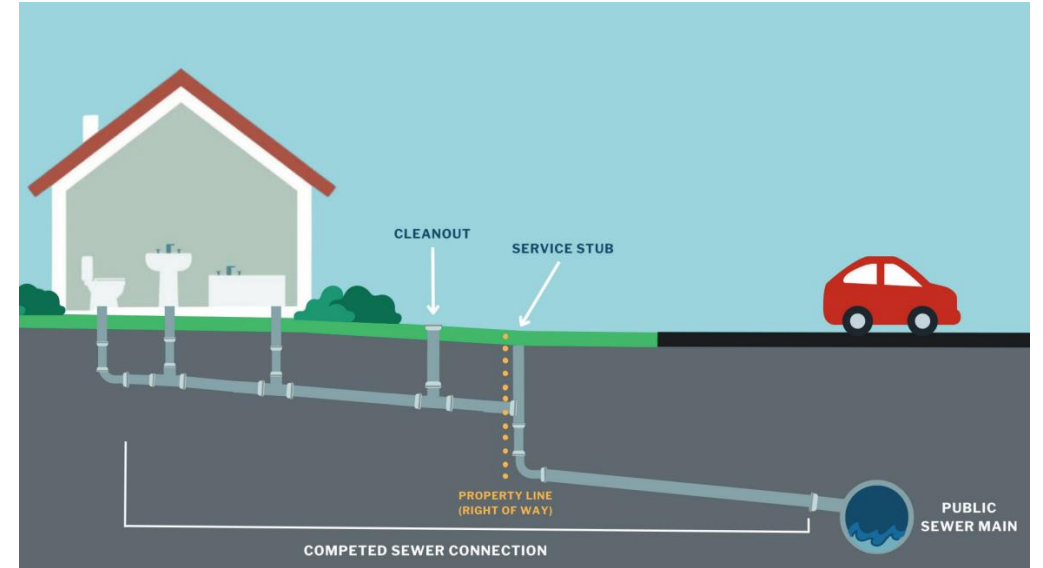
A Department of Public Works inspector will inspect the installation to ensure it complies with Town specifications. A tie card will be generated, which will be maintained in Town records. DPW will notify the Barnstable Water Pollution Control Division that your property is ready for sewer service billing.

## 5 SEPTIC SYSTEM ABANDONMENT

Your septic system must be either removed or filled in due to future safety concerns. This may be done by the same contractor who connects you to municipal sewer. Questions should be directed to the Barnstable Health Division at 508-862-4644 or via email at [healthetown.barnstable.ma.us](mailto:healthetown.barnstable.ma.us)

## 6 SEWER SERVICE BILLING

Property owners will be charged a sewer service user fee, based on their water usage. Your sewer service bill will occur at the same frequency as your water bill. The typical residential sewer usage bill averages \$490 annually.





# Anticipated Sewer Connection Costs

Each property owner receiving sewer will be responsible for (3) three costs:

## 1. Sewer Assessment

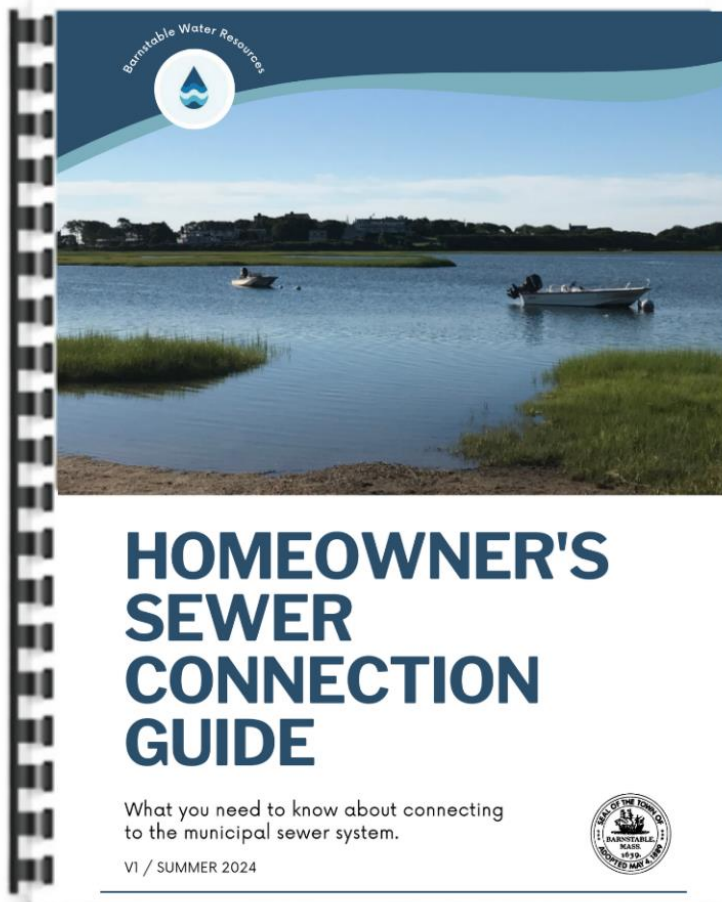
- Voted on by Town Council in July 2021 to be capped at \$10,000 per Sewer Unit
- A **Residential Sewer Unit** is defined as the number of dwelling units on a residential lot.
  - Additional Dwelling Units, two-family homes, etc. to be assessed additional units as necessary
  - One bedroom and fewer shall be considered a half dwelling unit; therefore these properties will be assessed at half, or \$5,000.
- A **Commercial Sewer Unit** is defined by the amount of sewer flow on the property based on Title 5 of the State Environmental Code, 310 CMR 15.203, system sewage flow design criteria; whereby every 330 gallons per day of flow equals one (1) sewer unit.
- Can be financed as part of your Quarterly Tax Bill via the Treasurer/Tax Collector's Office with a +2% interest rate above Town's current borrow rate

## 2. Sewer Connection

- Property owner hires a licensed sewer installer to complete the connection
- Cost will vary on a property-by-property basis
- Encourage to receive 2-3 quotes from licensed sewer installers
- Costs can be financed through the **Barnstable County Cape Cod Aquifund**
  - 0% and 2% interest rate loans available for NEW sewer connections
  - 4% interest rate loans available for condominium and apartment communities
- **Massachusetts State Title V (Septic) Tax Credit** also available to full-time primary residents

## 3. Utility Billing

- Based upon water usage
- Billed at the same frequency as you receive your water bill



Available for download at  
[BarnstableWaterResources.com](http://BarnstableWaterResources.com)



# Project Contacts

- Project Contacts

**Griffin Beaudoin, P.E. at [Griffin.Beaudoin@town.barnstable.ma.us](mailto:Griffin.Beaudoin@town.barnstable.ma.us)**

Town Engineer, Barnstable Department of Public Works

**Tyler Gilman, P.E. at [Tyler.Gilman@town.barnstable.ma.us](mailto:Tyler.Gilman@town.barnstable.ma.us)**

Project Manager, Barnstable Department of Public Works

**Ansley deMerlier at [Ansley.Lanier@town.barnstable.ma.us](mailto:Ansley.Lanier@town.barnstable.ma.us)**

Sewer Connection Program Manager, Barnstable Department of Public Works

**Christopher Gadd at [Christopher.Gadd@town.barnstable.ma.us](mailto:Christopher.Gadd@town.barnstable.ma.us)**

Communications Assistant, Barnstable Department of Public Works

- Inquiries or Public Comment

**Email: [WaterResources@town.barnstable.ma.us](mailto:WaterResources@town.barnstable.ma.us)**

**Phone, DPW Administration: 508-790-6400**

- Review project materials and presentation on **Barnstable Water Resources**

website: <https://barnstablewaterresources.com/>

**For Financial Questions, please  
contact the Treasurer's Office  
at 508-862-4054**



Questions?