



# Water Resources Management Update

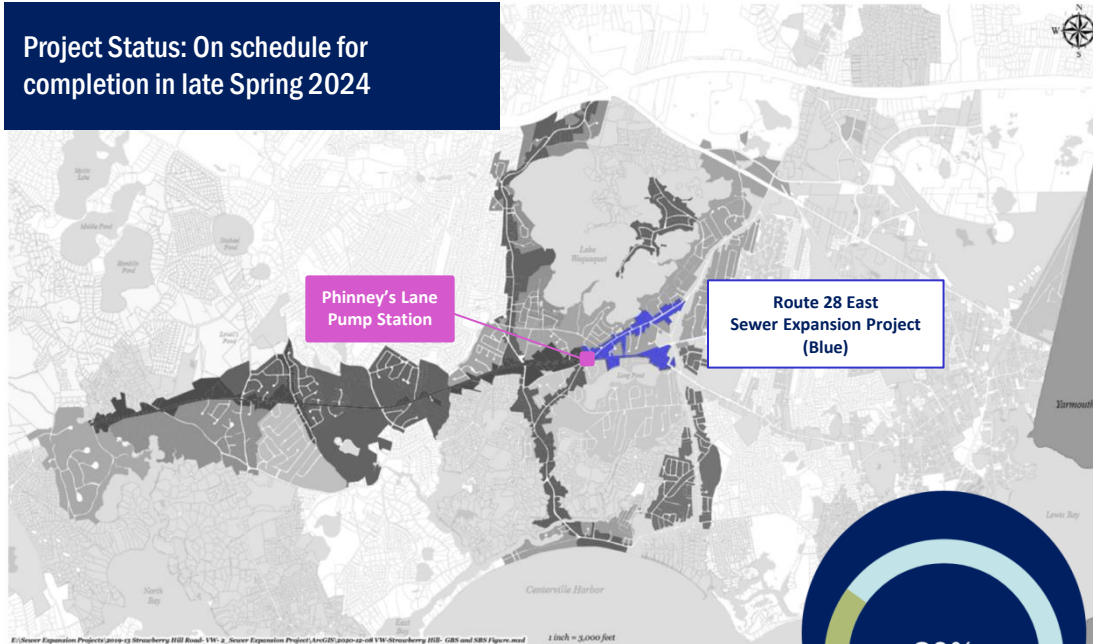
**Barnstable Town Council**

**Department of Public Works  
May 18, 2023**



# Route 28 East Sewer Expansion Project

**Project Status: On schedule for completion in late Spring 2024**



## Sewer Construction:

- Overnight work within this portion of Route 28 completed on 5/11/23
- Drainage and temporary restoration
  - Daytime operation, 7:00AM to 5:00PM
  - Anticipated closure of Phinney's Lane from Route 28 to Strawberry Hill Road
- Anticipated summer activity
  - Barnstable Intermediate School
  - Water Pollution Control Facility

## Phinney's Lane Pump Station:

- Installation of upper deck and support system



February 2023



May 2023



# Strawberry Hill Road Sewer Expansion Project

Project Status: Construction completed

Strawberry Hill Road  
Sewer Expansion Project  
(Yellow)

95%  
COMPLETE

## Sewer Construction:

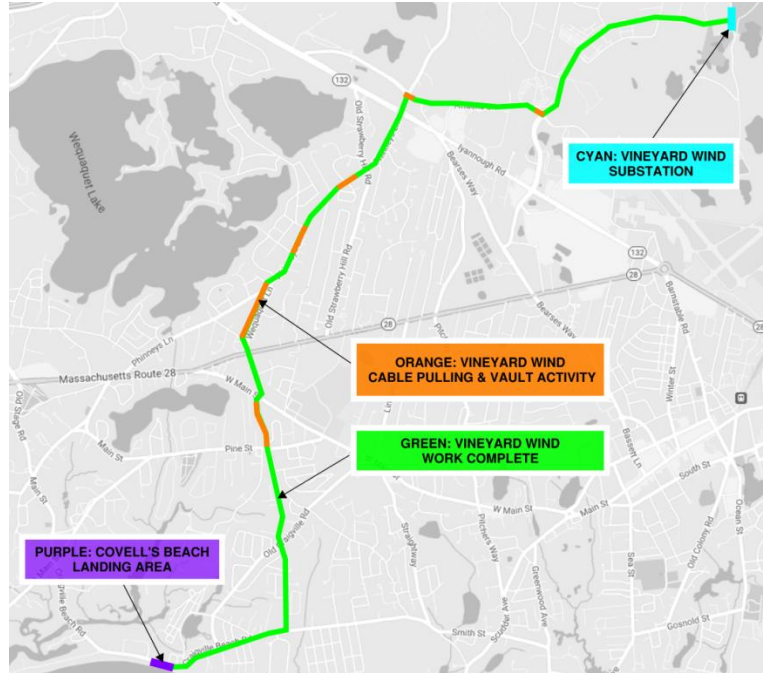
- Construction is complete
- Restoration along project on-going
- Sewer service riser construction anticipated this fall

## Strawberry Hill Road Sewer Pump Station:

- Electrical service for the pump station anticipated to be completed this fall



# Vineyard Wind Project



**Project Status: On schedule for completion Spring 2023**

## On-going construction:

- Duct bank installation along Phinney's Lane completed this week
- Additional cable pulling and vault activity at various locations along Phinney's Lane and south of Route 28
- Restoration of Strawberry Hill Road, from Craigville Beach Road to Pine Street
  - Final paving anticipated next week
  - Remaining work includes line striping and shoulder restoration

## Anticipated final paving schedule of disturbed roadways:

- Spring 2023:
  - Craigville Beach Road – complete
  - Strawberry Hill Road – in progress
  - Attucks Lane – scheduling in process
- Fall 2023:
  - Phinney's Lane
  - Wequaquet Lane



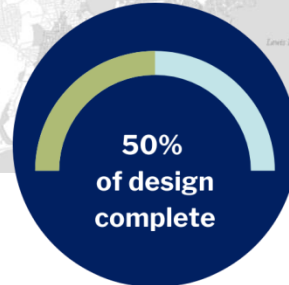


# Centerville Village Sewer Expansion Project

**Project Status:** Construction anticipated to commence in 2024

Centerville Village  
Sewer Expansion  
Project (Purple)

E:\Sewer Expansion Projects\2019-23 Strawberry Hill Road-VW-4\_Sewer Expansion Project\Arch\2021-22-08 VW-Strawberry Hill - GRB and SRB Figure.mxd 1 inch = 3,000 feet



**Expedites sewer expansion with roadways along proposed Park City Wind on-shore duct bank installation route**

## **Project Details:**

- Completed review of 50% sewer design plans
- Continuing efforts to site pump station locations and associated easement options

## **Outreach Efforts:**

- Initial public comment periods have closed
- Evaluating all feedback and formalizing public comment summary, to be published on [BarnstableWaterResources.com](http://BarnstableWaterResources.com)



# Water Pollution Control Facility

## **Solids Processing Facility Upgrades** Construction on-going

- Second gravity belt thickener (GBT) installed this week
- Motor control center (MCC) has been energized
- Project anticipated to reach completion before the end of 2023

## **Nitrogen Removal and Headworks Improvements**

- Preliminary design work underway

## **Effluent Disposal Evaluation**

- Contracting for next phase of work



# Ponds & Lakes

## *Project Updates*

### Long Pond Marstons Mills

- Planning the Floating Treatment Wetland pilot study
- Appropriation Order in the amount of \$90,000 presented at 5/4/23 Town Council (Agenda Item 2023-127)
- Public hearing and vote anticipated tonight
- Expected deployment in Spring 2024







A serene landscape featuring a calm body of water in the foreground, reflecting the sky and distant houses. The sky is filled with soft, white clouds. In the background, several houses are visible, including a prominent white house with a red roof on the right. The overall scene is peaceful and scenic.

# Resources

# Route 28 West Sewer Expansion Project

**Project Status:** Construction anticipated to commence in 2025

**Route 28 West  
Sewer Expansion  
Project (Red)**

**Preliminary  
design**

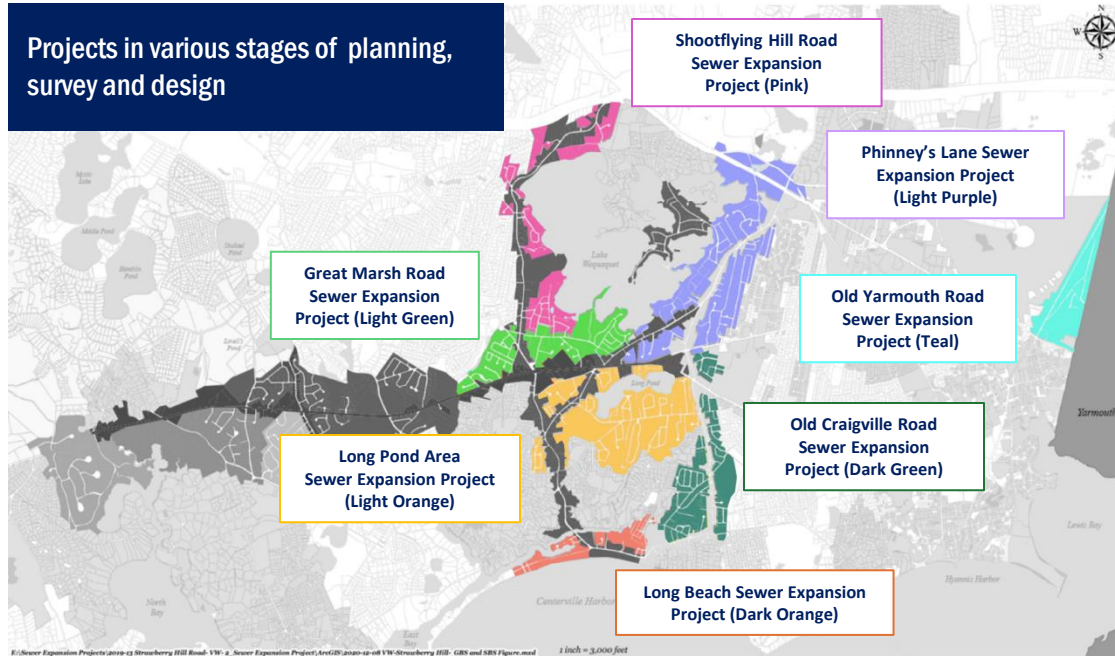
**Extends sewer on Route 28 from  
Phinney's Lane to Route 149**

## **Project Details:**

- Allows for sewer expansion in the Three Bays Watershed
- Design contract awarded to Weston & Sampson
- Preliminary design continues



# Additional Sewer Expansion Projects in Design



## Phinney's Lane Neighborhood Project:

- Internal design team has completed 30% design
- Continuing roadway takings
- Construction anticipated to commence in 2025

## Old Craigville Road, Old Yarmouth Road & Shootflying Hill Road Projects

- Survey efforts ongoing
- Construction anticipated to commence in 2026 (Old Craigville), 2026 (Old Yarmouth) and 2027 (Shootflying Hill)

## Long Pond Area Project

- Survey complete & design on-going
- Construction anticipated to commence in 2027

## Long Beach and Great Marsh Road Projects

- Preliminary design funding proposed in FY24 Capital Budget
- Construction anticipated to commence in 2027 (Long Beach) and 2028 (Great Marsh)