

Water Resources Management Update

Barnstable Town Council

April 25, 2024

Town Hall Hearing Room



Town of Barnstable
Department of Public Works



Strawberry Hill Road Sewer Expansion Project

Project Status: First connections anticipated Spring 2024.

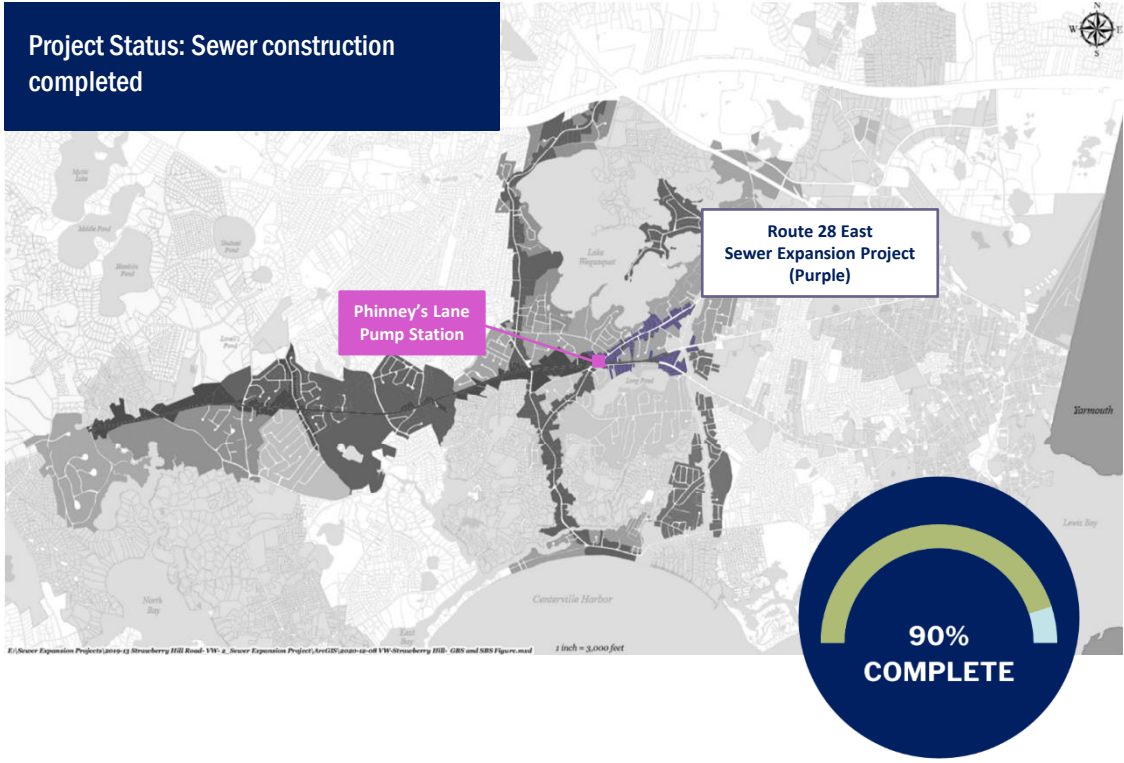
Strawberry Hill Road Sewer Expansion Project (Green)

95% COMPLETE

Project Closeout:

- Working through project punch list and closeout
- Repair and testing of the pipe entering the Strawberry Hill Road Pump Station has been completed
- First connections for a portion of the project route anticipated Spring 2024
 - Project Completion letter to be distributed by DPW
 - Estimated Assessment generated from Treasurer's Office
 - Sewer Connection Notification to be distributed by Health Division
 - Targeting May 2024
 - Sewer Assessment to be distributed by Treasurer's Office

Route 28 East Sewer Expansion Project



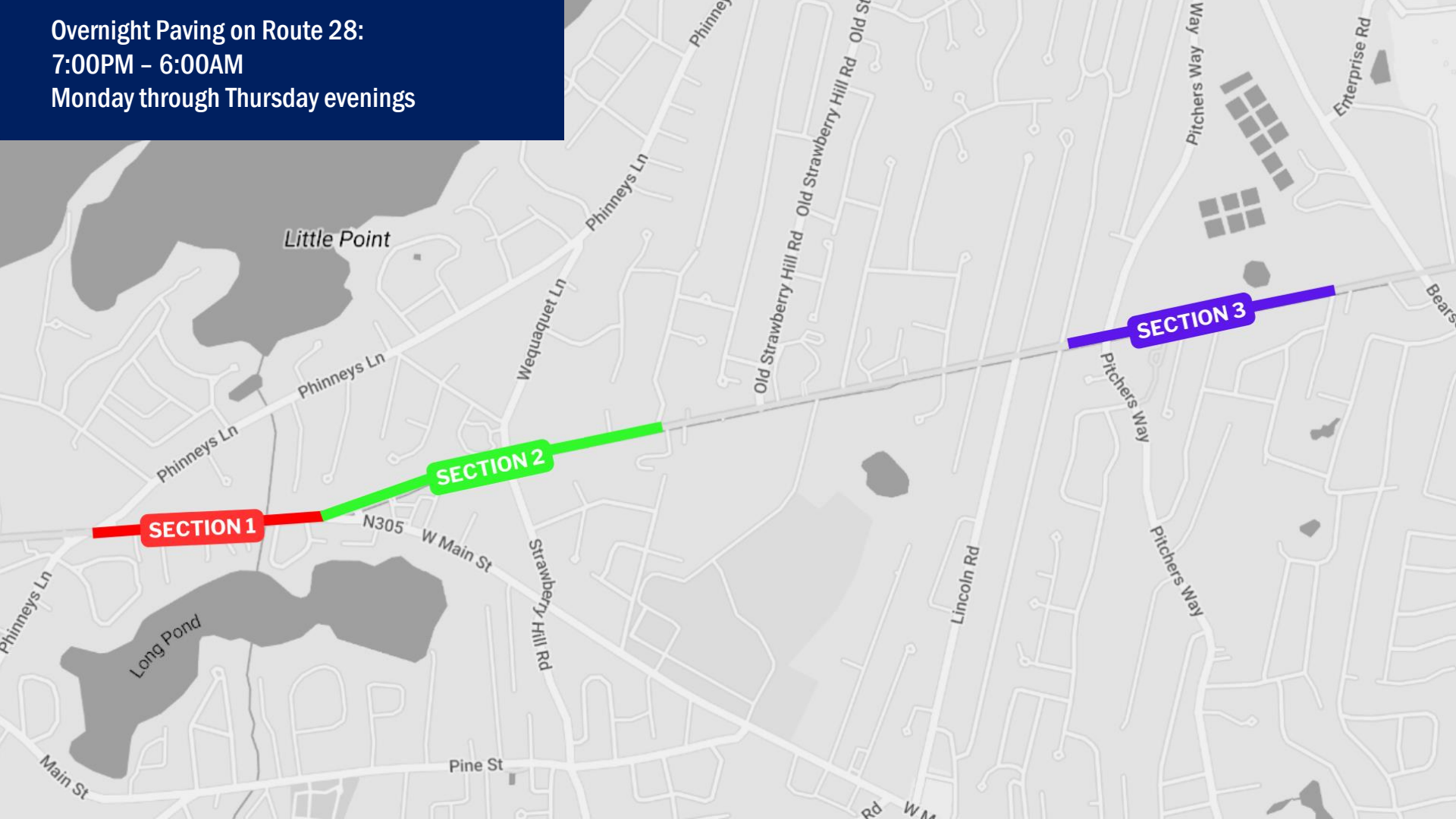
Project Closeout:

- Drainage improvements on Phinney's Lane
 - Requires closure of Phinney's Lane between Strawberry Hill Road and Wequaquet Lane
 - Anticipated to take 3 weeks
- Paving on Route 28
 - Paving of disturbed areas occurring in three sections
 - Overnight hours of 7:00PM – 6:00AM, Monday through Thursday evenings
 - Anticipated to take 3 weeks
- Developing project punch list for closeout
- Sewer connections anticipated to be available by the end of the calendar year

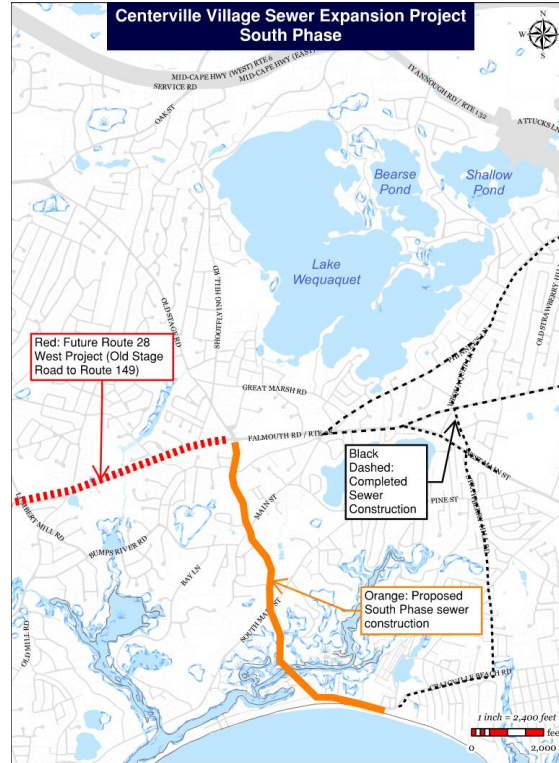
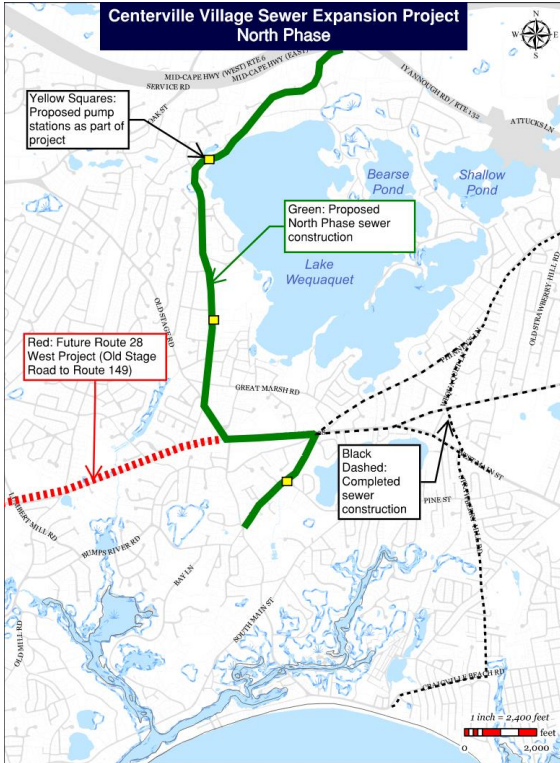
Phinney's Lane Pump Station:

- Finalizing utility services
- Anticipated completion Spring 2024

Overnight Paving on Route 28:
7:00PM - 6:00AM
Monday through Thursday evenings



Centerville Village Sewer Expansion Project



North Phase:

- Design completed
- Construction bid advertised on April 3, 2024
- Bids due on May 15, 2024
- Mother's Park Pump Station and surrounding properties listed as a bid alternate
 - As a result of pending approvals including Article 97
 - Allows flexibility with award of the bid
- Property owner outreach and communications following bid award
 - Construction anticipated Fall 2024

South Phase:

- Continuing to advance design
- Continuing effort to site pump station locations and associated easement options

720 Main Street Pump Station Replacement Project

Project Details:

- Part of the Town's Sewer Pump Station Rehabilitation Program
 - Will address capacity concerns within the Town's Growth Incentive Zone (GIZ) as well as replace aging infrastructure

Pump Station Construction:

- Onsite excavation continues
 - On-site work hours: 7:00AM – 4:00PM
 - Tremie-pour concrete plug complete
 - Basis of foundation in progress, mat slab has been poured
 - On-site work will continue through the summer season

In-Road Sewer Construction:

- Section 3: South Street, from Newtown Street to Sea Street
 - Continued single-direction detour of westbound thru-traffic from Stevens Street to the West End Rotary
 - In-road work hours: 8:00AM – 5:00PM
 - In-road work to conclude in early May to allow for demobilization and temporary restoration ahead of Memorial Day Weekend



Sewer installation continues within Main Street, Hyannis

Water Pollution Control Facility

Solids Processing Facility Upgrades

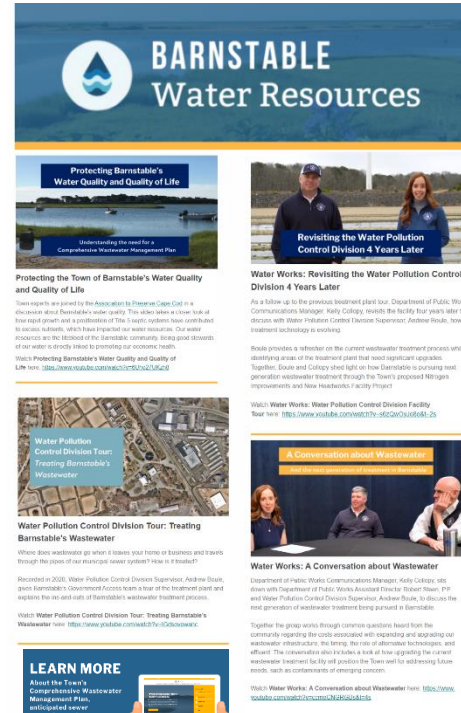
- Transitioned to project close-out punch list
- Anticipated completion May 2024

Nitrogen Removal and Headworks Improvements

- #1 ranked project in 2024 Draft Clean Water Fund Intended Use Plan (IUP)
 - Educational video series developed to communicate the project, need, and costs to Town leadership and the community
 - Content available on [BarnstableWaterResources.com](https://www.barnstable.com/page/27020240406) and Barnstable Government Access YouTube Channel
- Basis of design report in review, moving into final design
- MBR Manufacturer Committee has recommended Veolia Zeeweed MBR
- Construction start anticipated Fall 2025

Effluent Disposal Evaluation

- Water Reuse and Disposal Alternatives Analysis in progress with CDM Smith
- Hosting monthly meetings with MassDEP



Water Quality

APCC Boat Ramps Stormwater Improvement Project – Shubael Pond

- Public meeting hosted on March 26, 2024
- 25% design plans were finalized based on public and State feedback
- The APCC has also expressed interest in working with the Town to seek grant funding to support stormwater improvements at Hathaway's Pond
 - The Town has funded a Capital Improvements Project for the Hathaway's Pond site; design began in FY2024

Municipal Separate Storm Sewer System (MS4) Permit Updates

- On April 4, 2024, Town Council adopted the Stormwater Management Ordinance
- Next steps include:
 - Public hearing and adoption of rules and regulations
 - Finalization of permit application

Long Pond, Marstons Mills Floating Treatment Wetland

- Deployment anticipated May 6 – 7, 2024, weather pending

Cyanobacteria Monitoring Program

- Season sampling begins the week of May 20, 2024
- Water Quality Updates posted on BarnstableWaterResources.com, via the MyBarnstable App, and on social media

