

# ***Barnstable Town Council***

## ***Update on Wastewater Efforts In Barnstable***

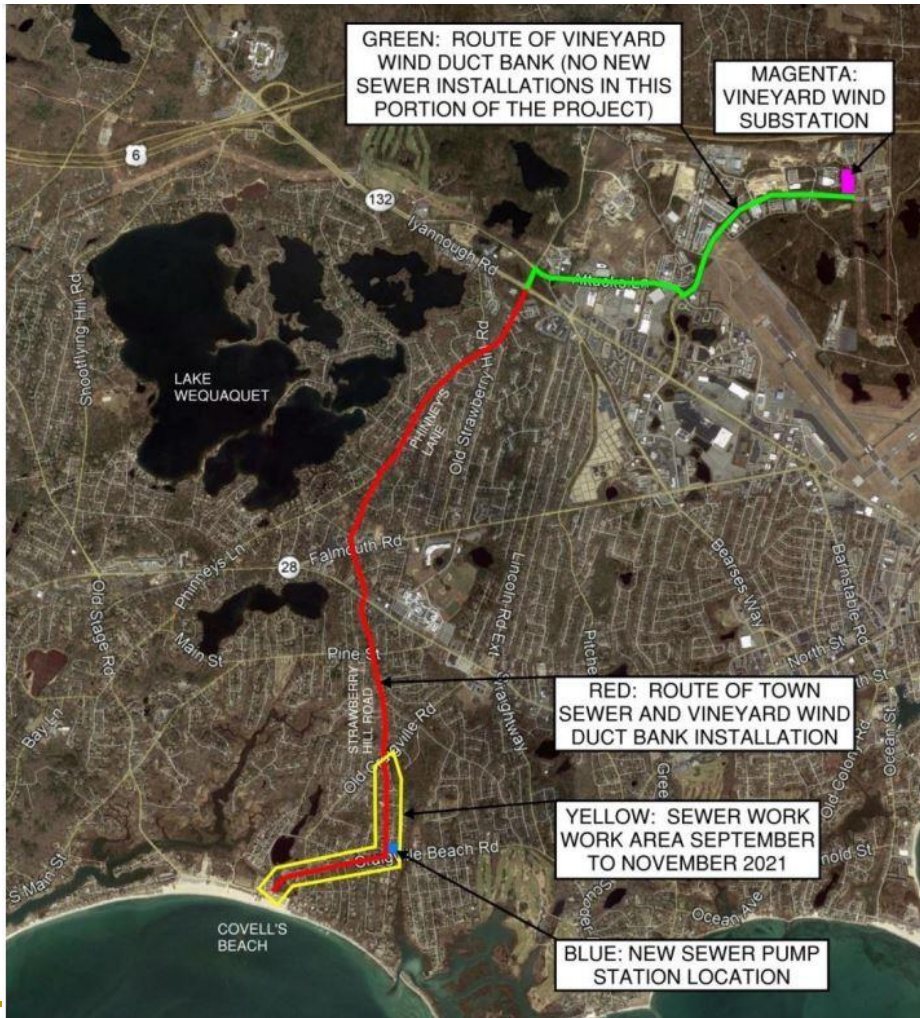
Department of Public Works  
November 18, 2021



# Project Updates Since October

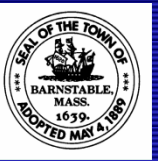


## • Strawberry Hill Road Sewer Expansion Project

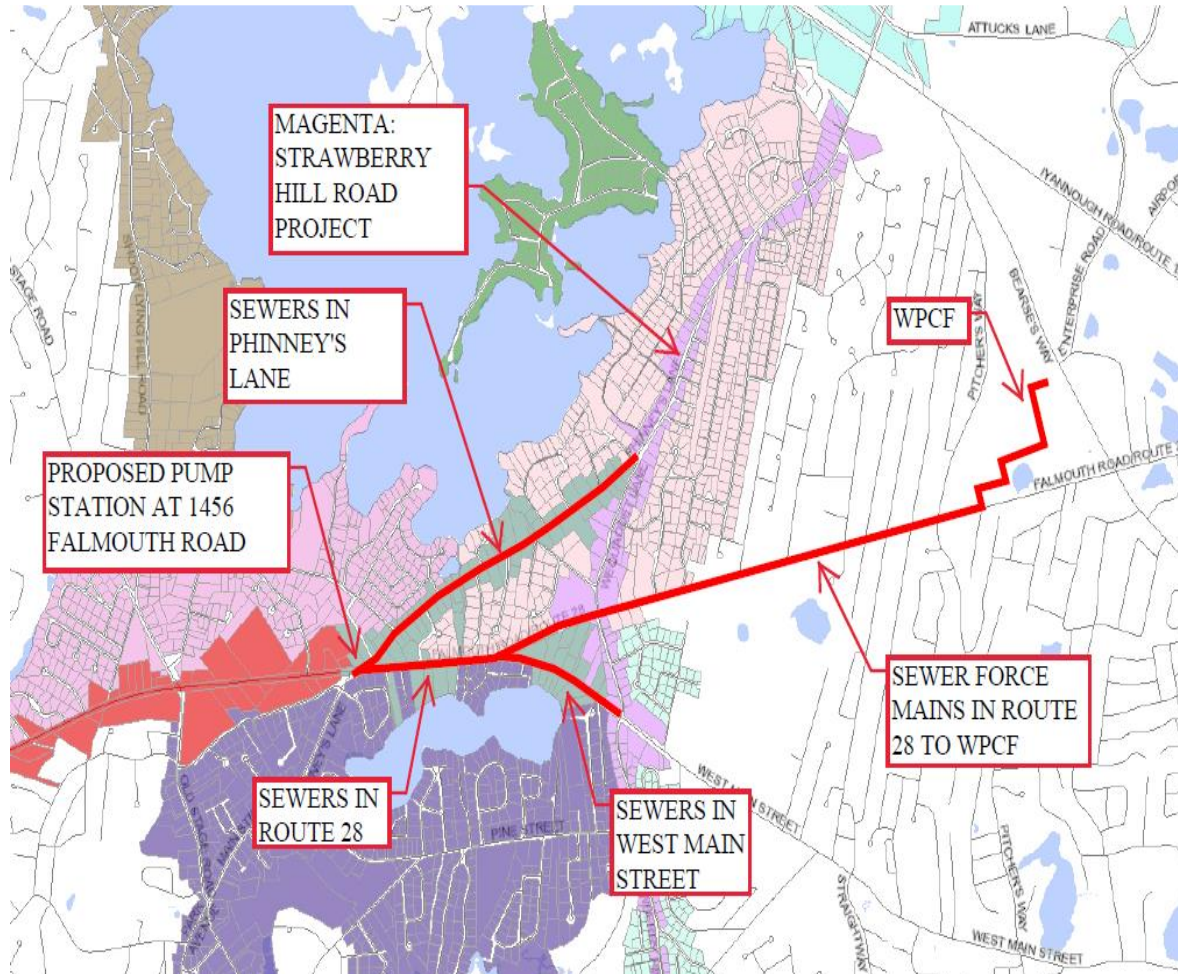


- 1,400 LF of gravity sewer main installed to date
  - Pump station site to Pinecrest Road
- Second sewer crew will mobilize next week or two
  - Craigville Beach Road
- Third crew mid-December
  - Services and FM installation
- Vineyard Wind has started construction in Covell's Beach Parking Lot
- Project anticipated to be completed in Spring, 2023





- *SRF Loan Application Submitted*
- *Design and permitting continues*
- *Virtual informational session held on Tuesday*
- *Potential easement acquisition on abutting property*
- *Bidding anticipated this winter*

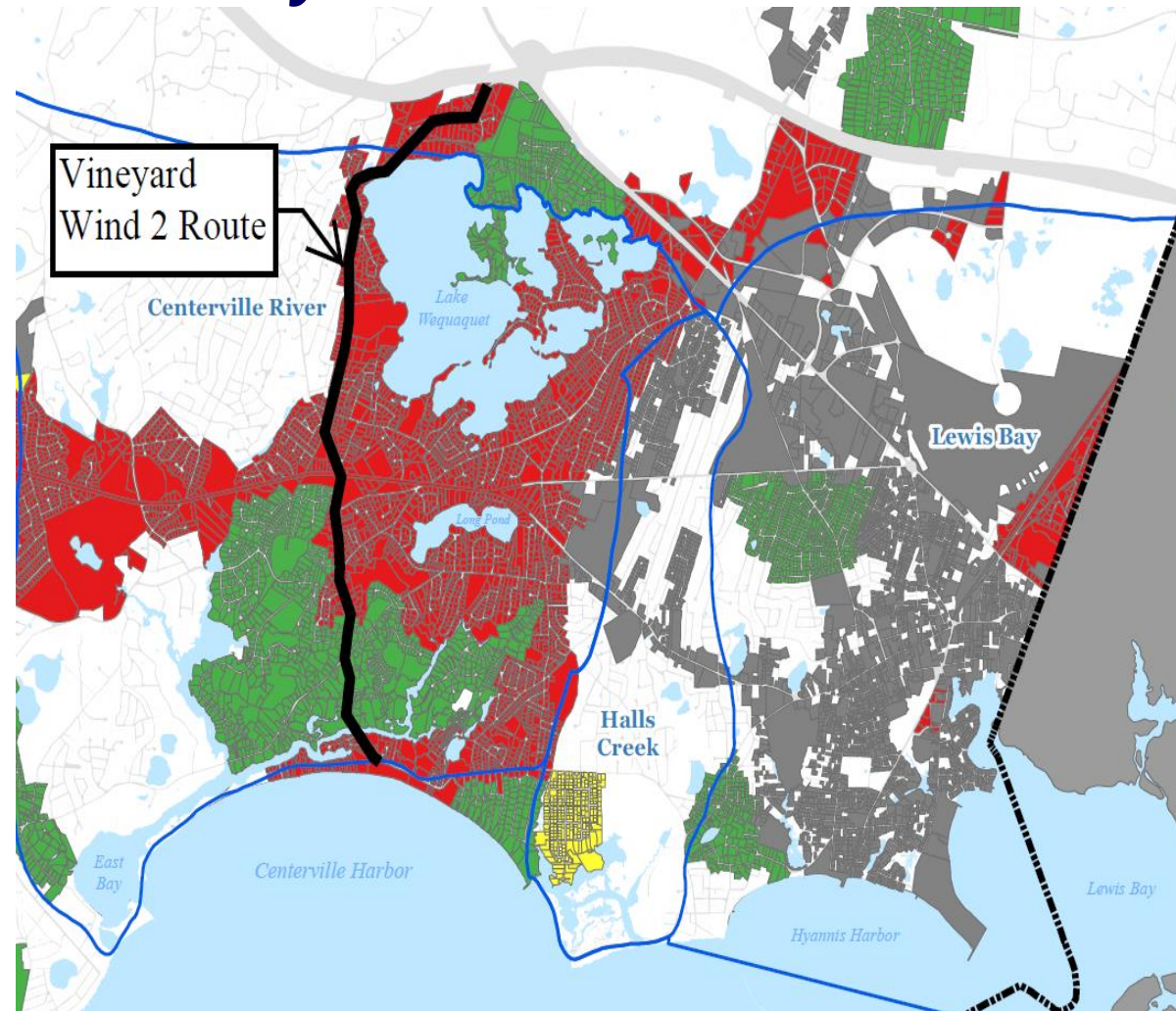




# Project Updates Since October



## • Vineyard Wind 2 On-Shore Route



- Route is located in roads needing sewer
- First read this evening for funds to design sewers along the route (2022-044)
  - Includes design of Mother's Park Road Pump Station and associated sewers





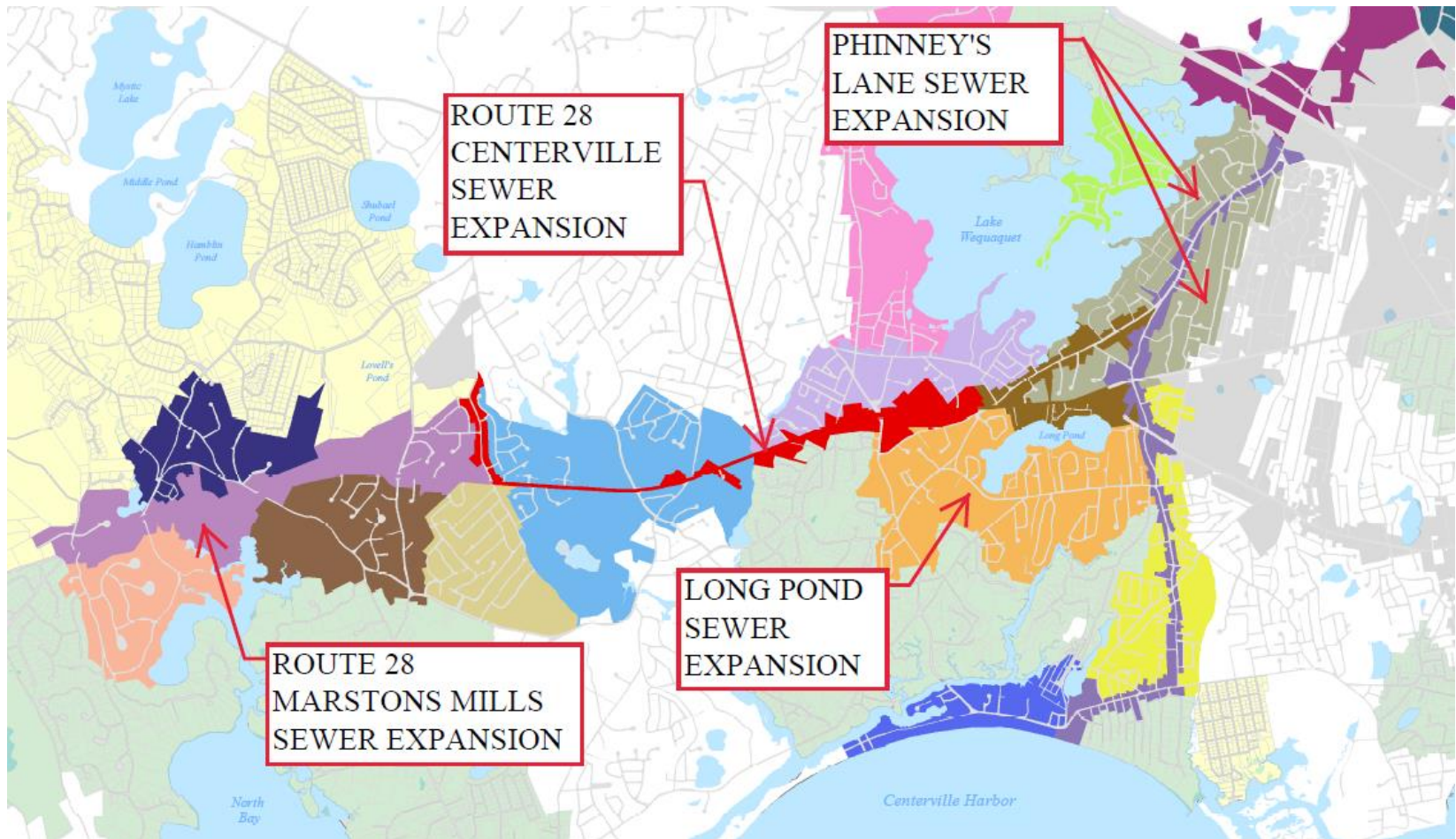
# *Project Updates Since October*



- *Planning on-going for other Sewer Projects*
  - *Route 28 “West” Sewer Expansion*
    - *Phinney’s Lane to Route 149*
    - *Previously labeled as 2 projects (Route 28 Centerville and Route 28 Marstons Mills)*
    - *Allows the sewer expansion into Three Bays Watershed*
    - *Surveys Complete*
    - *First read this evening for design funds (2022-045)*
  - *Phinney’s Lane and Long Pond Sewer Projects*
    - *Surveys complete, preliminary design (in-house) on-going.*
    - *First projects involving Private Roads.*



# Project Updates Since October





# *Project Updates Since October*



- *WPCF Updates*
  - *Evaluation of Nitrogen Removal Improvements*
    - *Contract awarded to Wright-Pierce*
    - *Evaluation to be completed by Spring of 2022*
  - *Effluent Disposal Evaluation*
    - *CDM Smith will be conducting refined modeling evaluation of identified options*
  - *Solids Processing Facility Upgrades*
    - *Construction on-going*
  - *WPCF Engineering Facility Study*
    - *DEP required for permit renewal in 2023.*
    - *Proposals being sought.*



# *Project Updates Since October*

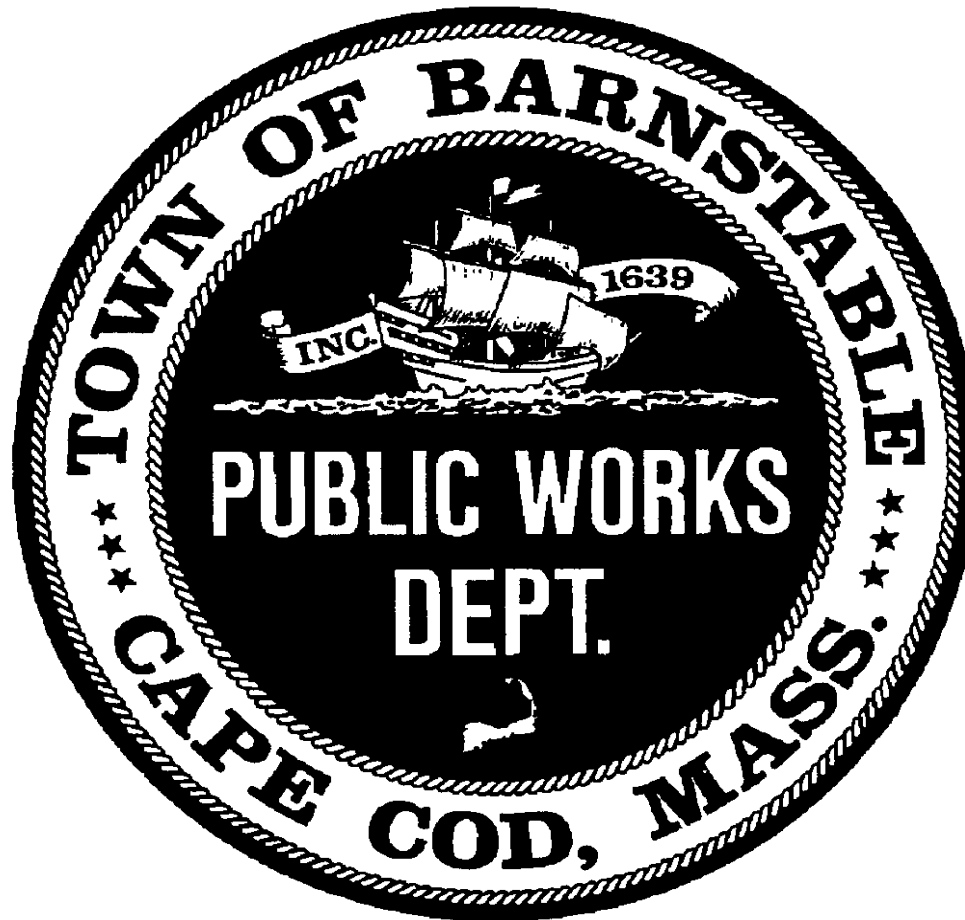


- *SRF*
  - *Loan applications for 2021 projects being reviewed by SRF*
    - *Route 28 East Sewer Expansion Project*
    - *Freezer Road Sewer Pump Station Rehabilitation*
  - *Project Evaluation Forms for 2022 projects being reviewed by SRF*
    - *720 Main St Pump Station Replacement*
    - *Old Colony Pump Station Rehabilitation*
    - *I/I Program Implementation*
- *JBCC*
  - *Negotiations continue*
- *Route 28 / Yarmouth Road - MassDOT*
  - *DPW reviewing bids – sewer bids far exceed engineer's estimate provided by MassDOT*
  - *No significant work anticipated in 2021.*



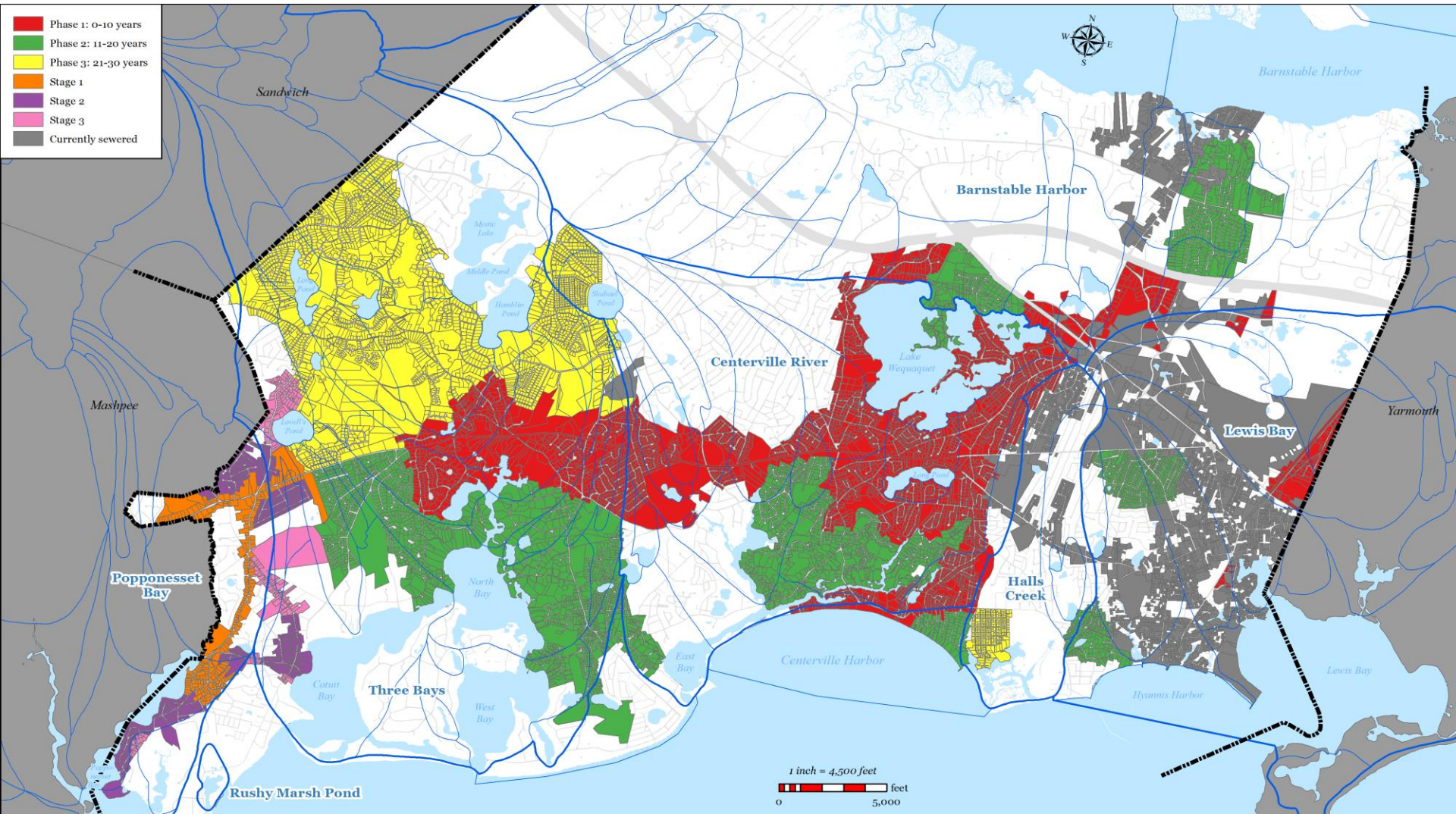
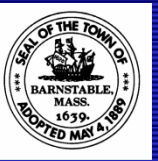


# *Discussion?*





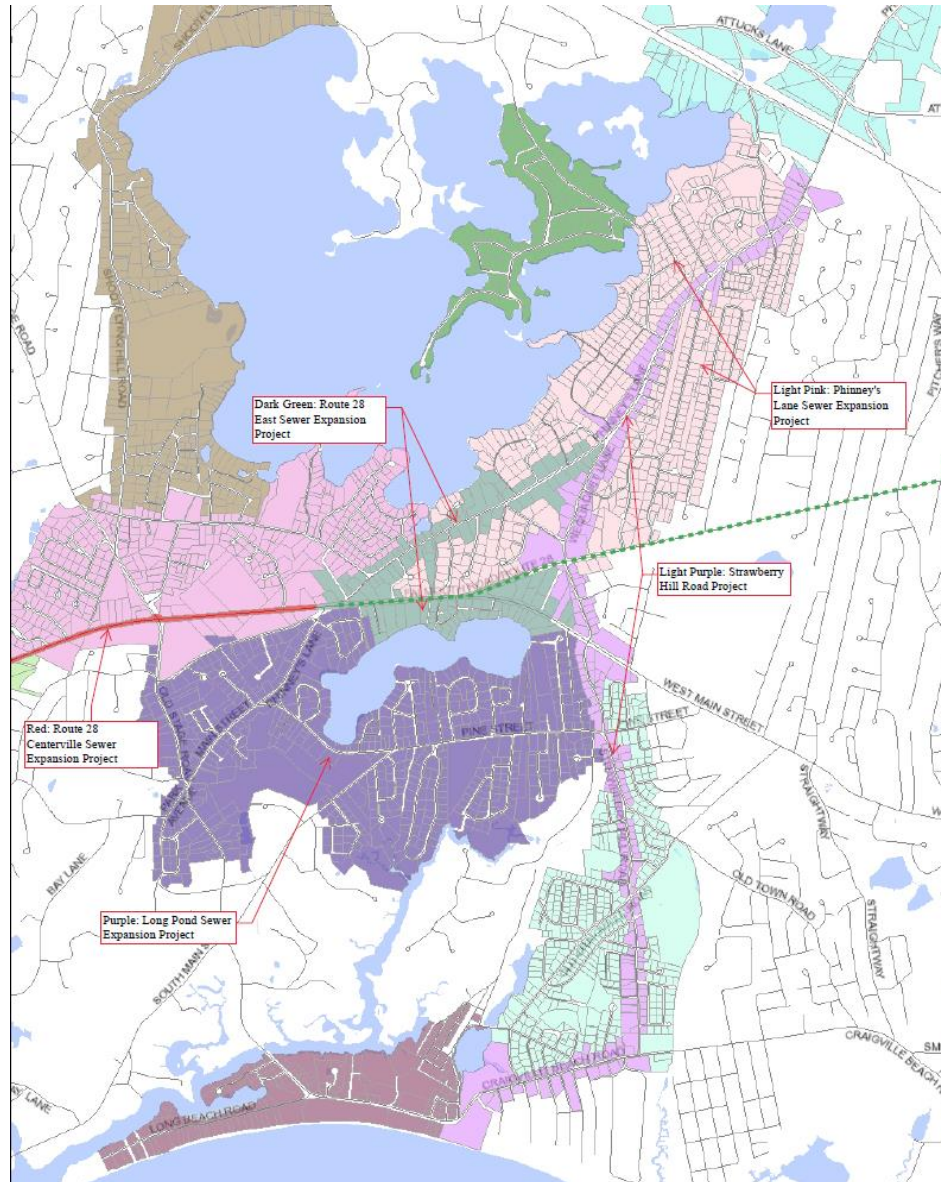
# Phasing Plan







# Phase I Projects - East







# Phase I Projects - West

