



Barnstable Town Council

Update on Wastewater Efforts In Barnstable

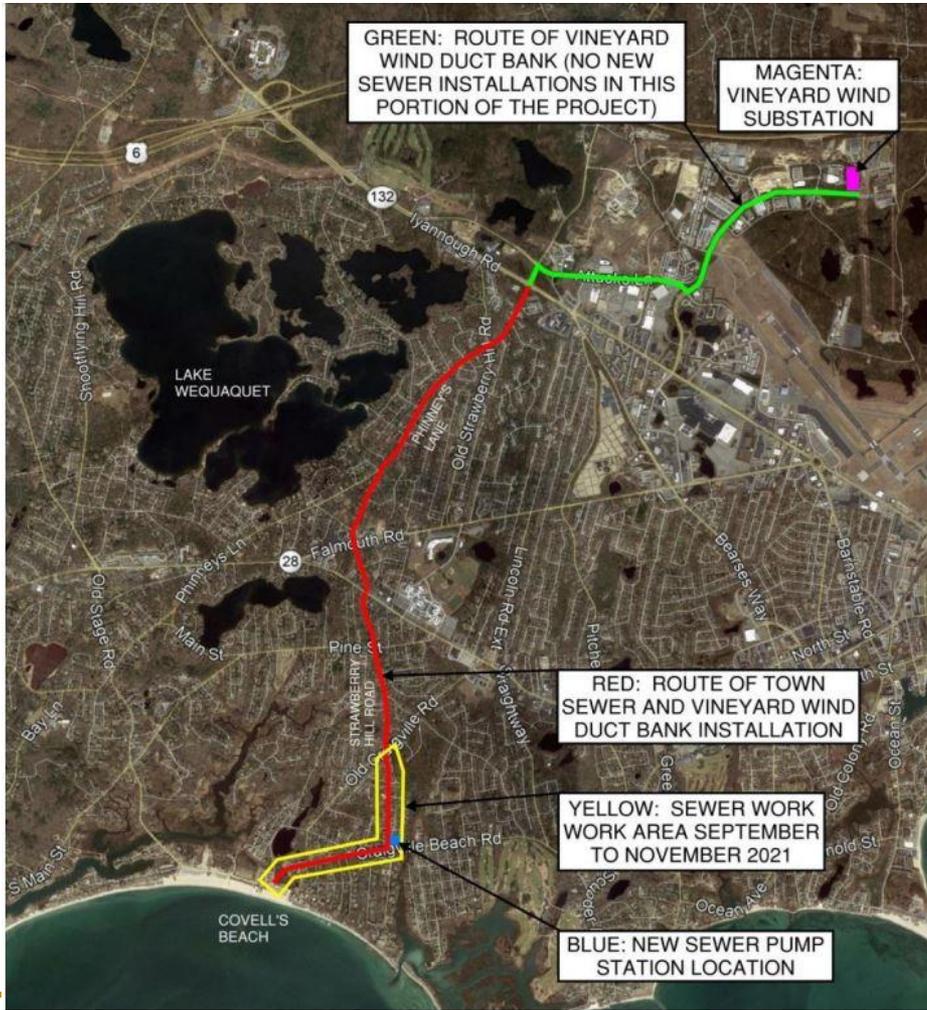
Department of Public Works
November 18, 2021



Project Updates Since October



• Strawberry Hill Road Sewer Expansion Project



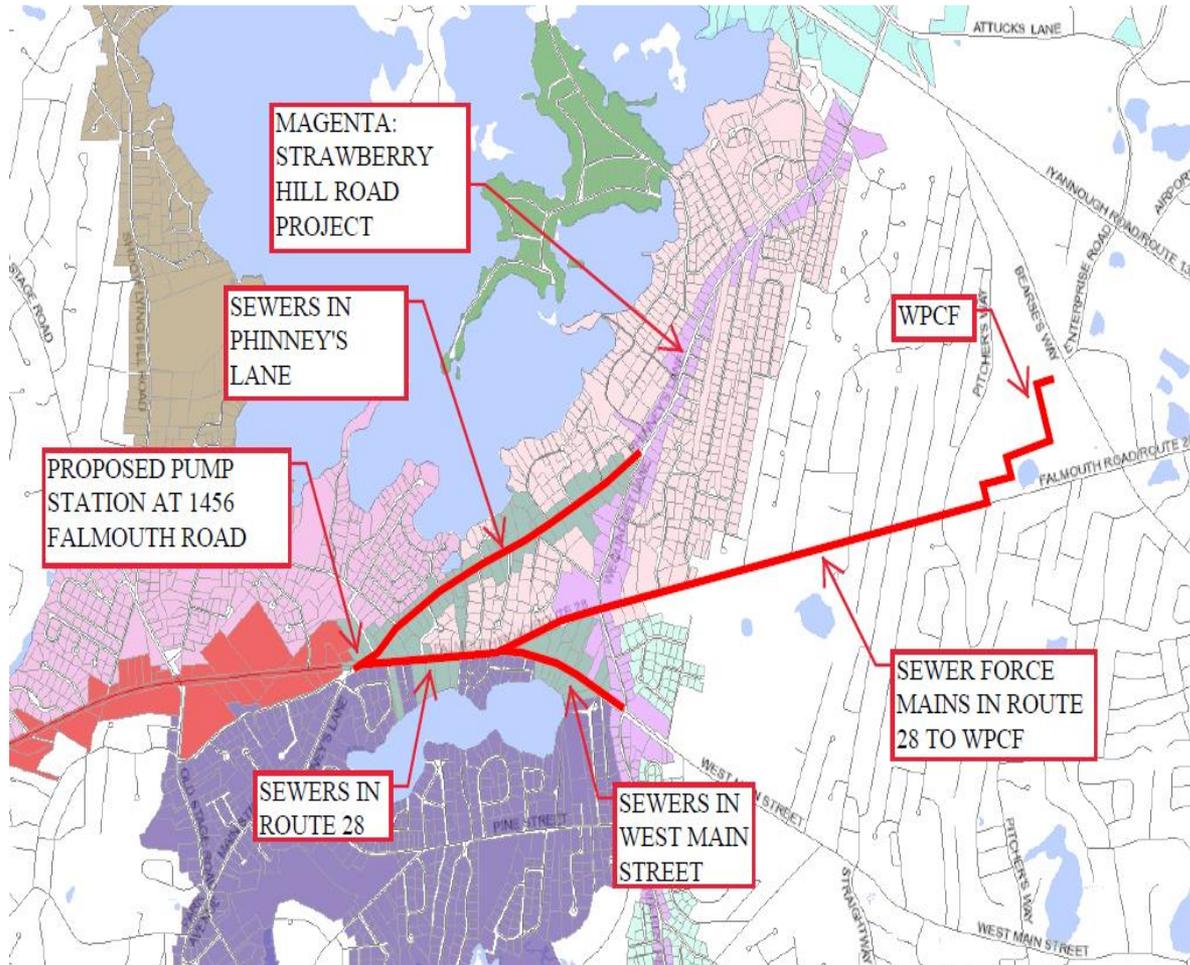
- 1,400 LF of gravity sewer main installed to date
 - Pump station site to Pinecrest Road
- Second sewer crew will mobilize next week or two
 - Craigville Beach Road
- Third crew mid-December
 - Services and FM installation
- Vineyard Wind has started construction in Covell's Beach Parking Lot
- Project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



Project Updates Since October



Route 28 East Sewer Expansion Project



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

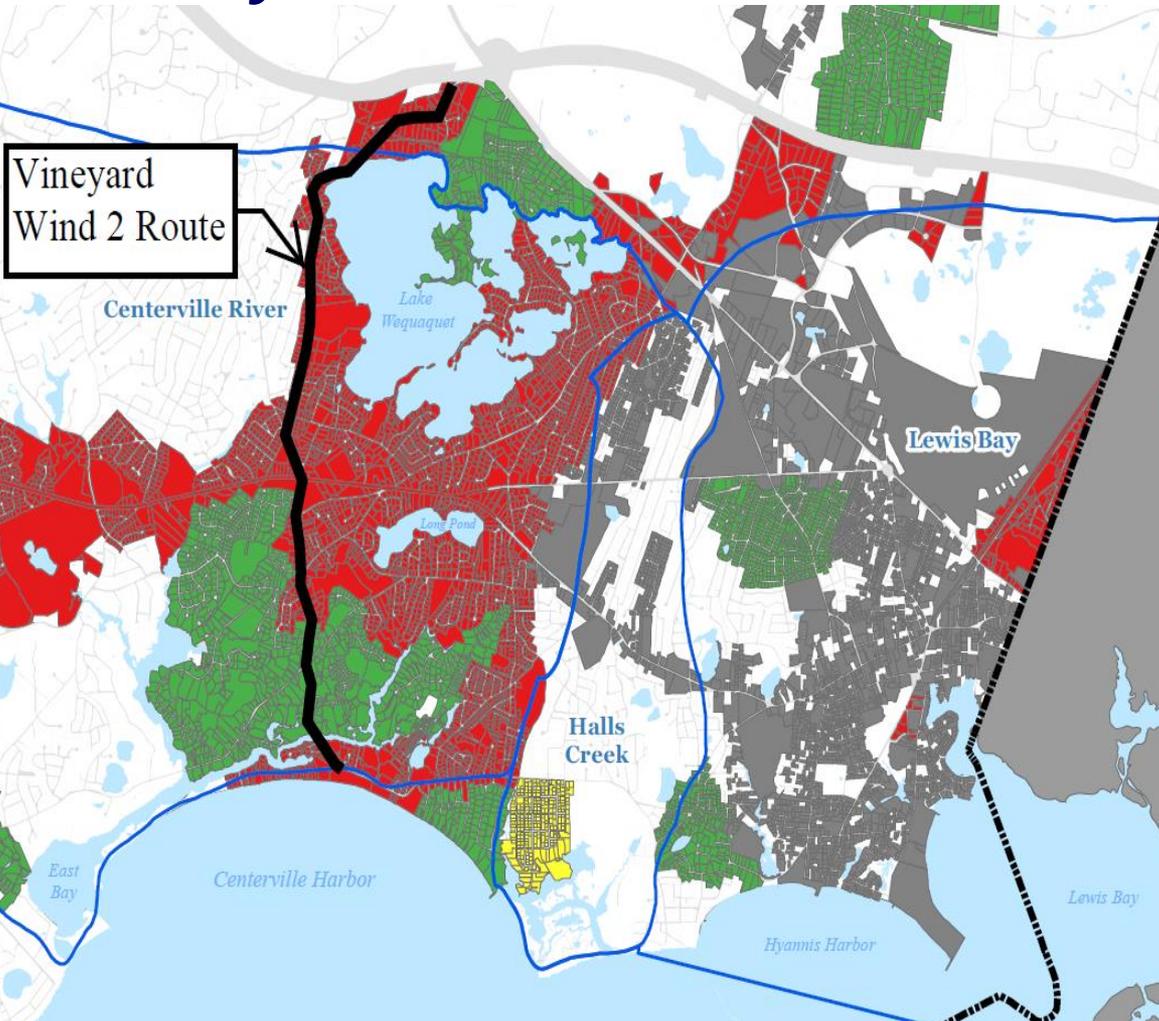


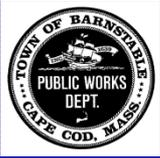
Project Updates Since October



- *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*





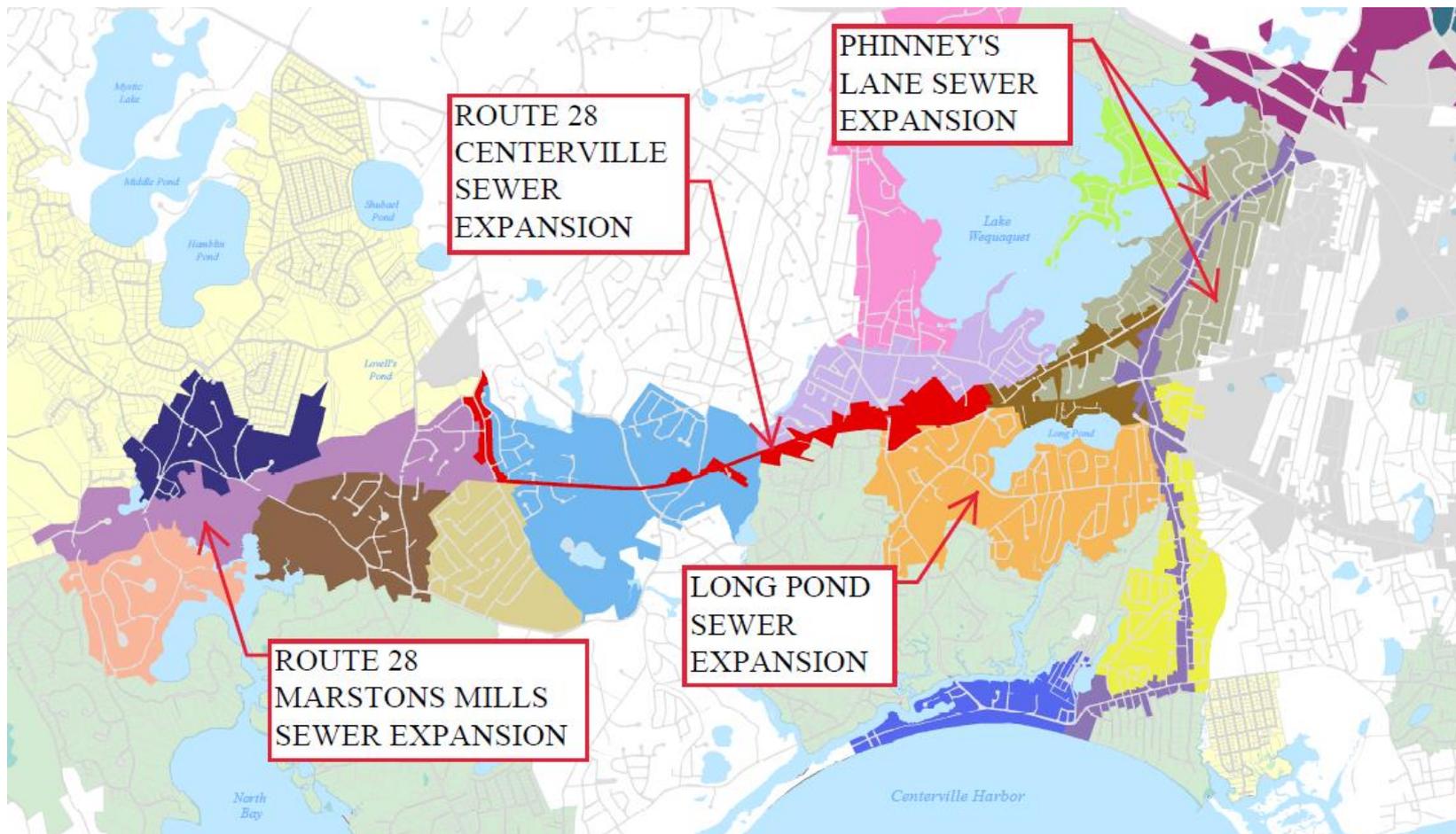
Project Updates Since October

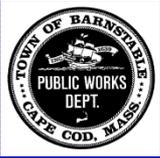


- *Planning on-going for other Sewer Projects*
 - *Route 28 “West” Sewer Expansion*
 - *Phinney’s Lane to Route 149*
 - *Previously labeled as 2 projects (Route 28 Centerville and Route 28 Marstons Mills)*
 - *Allows the sewer expansion into Three Bays Watershed*
 - *Surveys Complete*
 - *First read 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

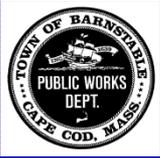




Project Updates Since October



- *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.*



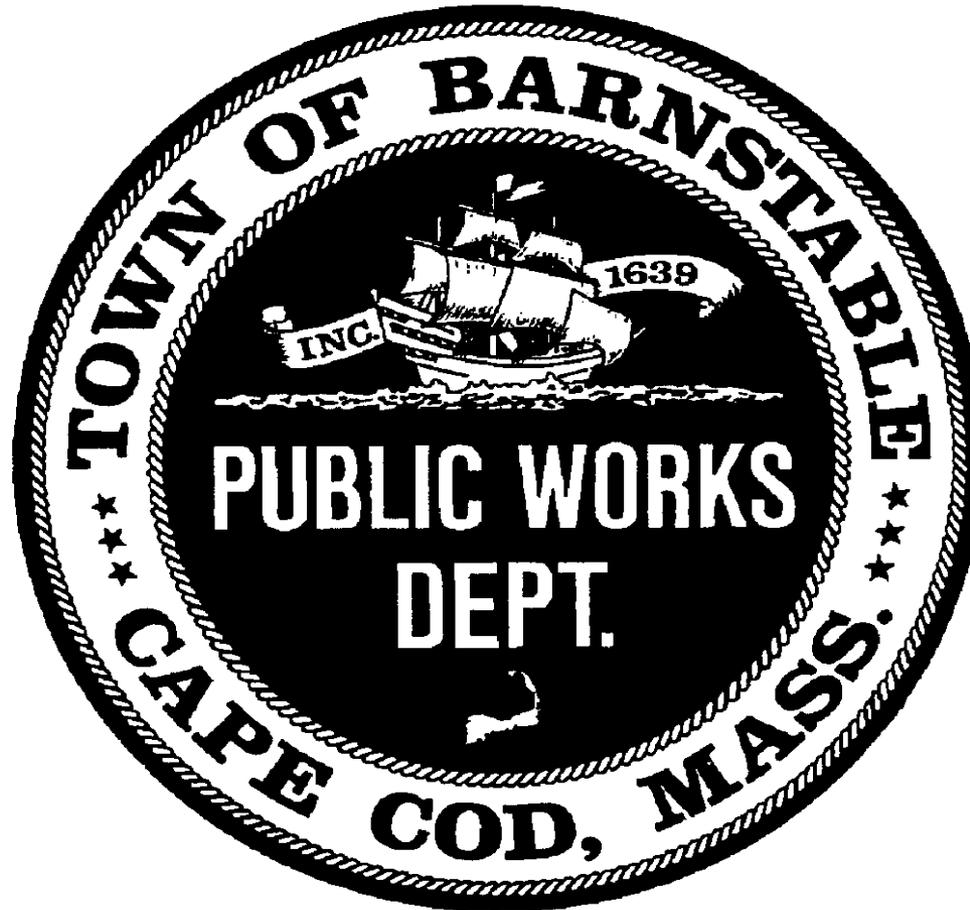
Project Updates Since October



- **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.*

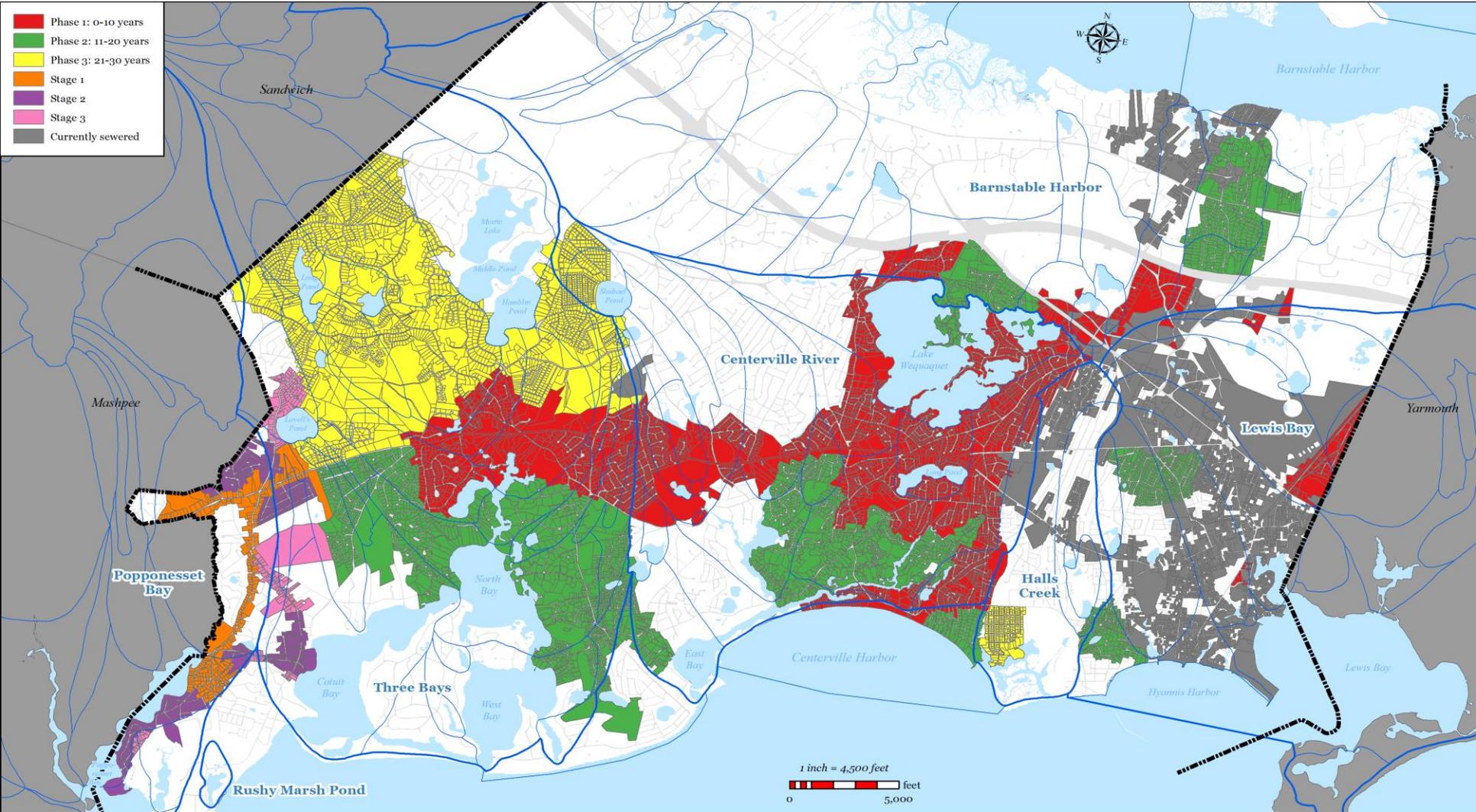


Discussion?



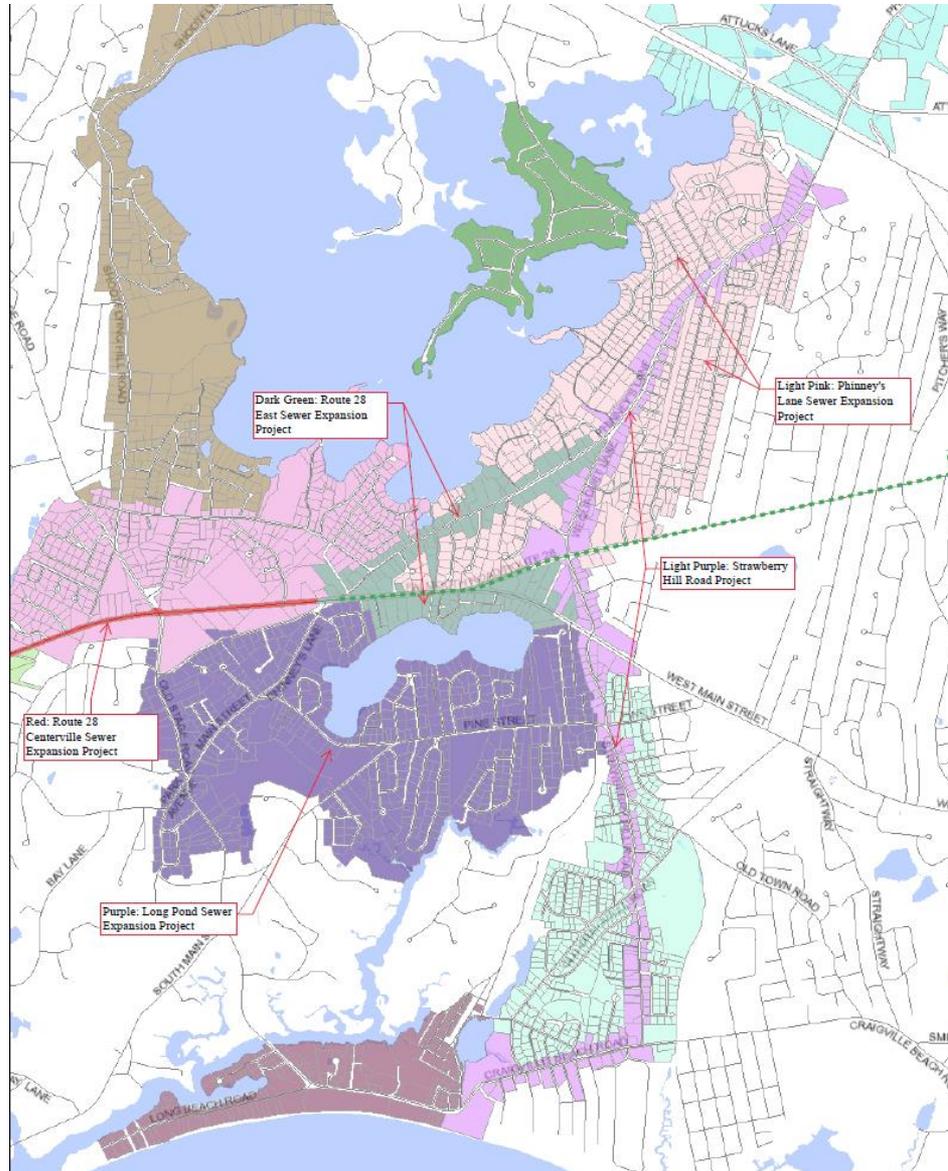


Phasing Plan





Phase I Projects - East





Phase I Projects - West

