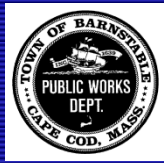


Barnstable Town Council

Update on Wastewater Efforts In Barnstable

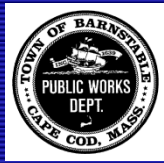
Department of Public Works
October 21, 2021



Project Updates Since September



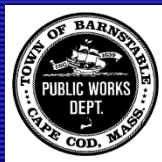
- *SRF*
 - *Loan applications submitted for 2021 projects*
 - *Route 28 East Sewer Expansion Project*
 - *Freezer Road Sewer Pump Station Rehabilitation*
 - *Project Evaluation Forms submitted for 2022 projects*
 - *720 Main St Pump Station Replacement*
 - *Old Colony Pump Station Rehabilitation*
 - *I/I Program Implementation*
- *JBCC*
 - *Negotiations continue*
- *Route 28 / Yarmouth Road - MassDOT*
 - *No significant work anticipated in 2021.*



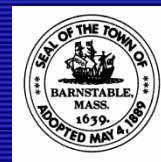
Project Updates Since September



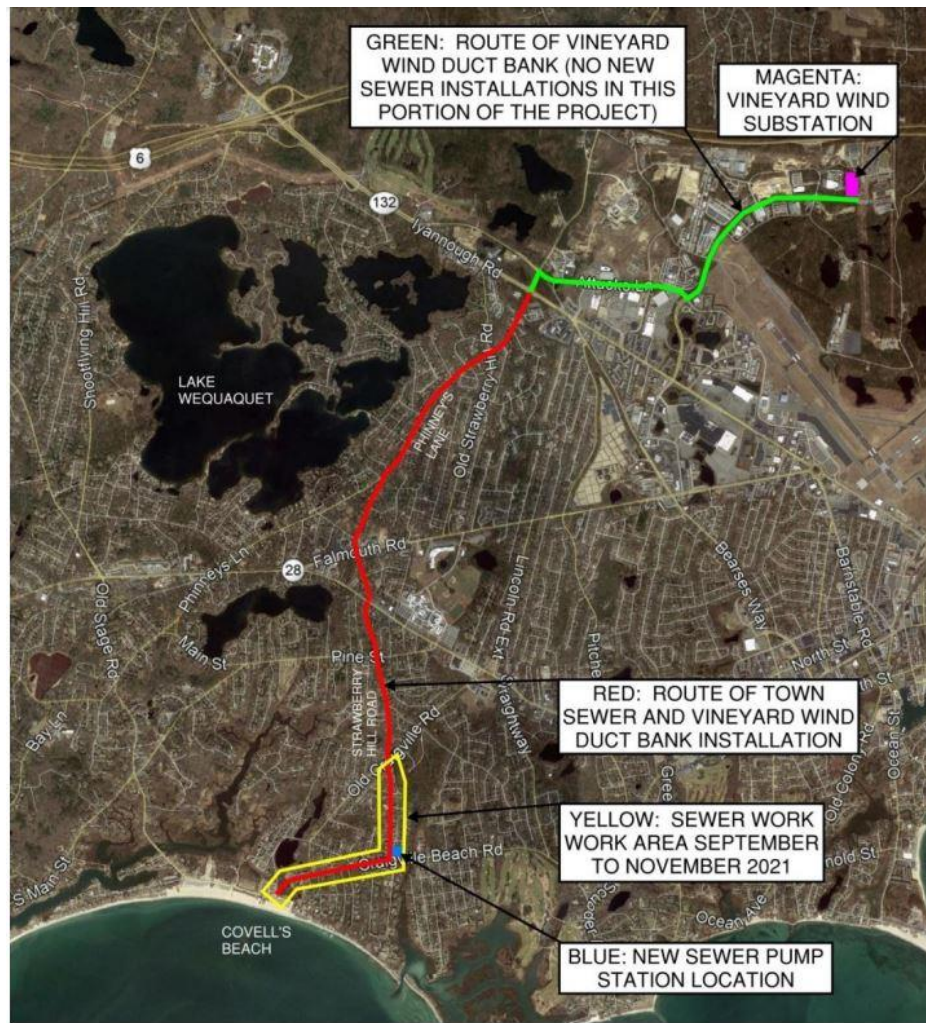
- *Strawberry Hill Road Sewer Expansion Project*
 - *Sewer main construction continues on Strawberry Hill Road from Craigville Beach Road northerly towards Pine Street.*
 - *Approximately 600 LF of sewer main has been installed to date.*
 - *Second sewer crew will be mobilizing in November to start sewer main construction on Craigville Beach Road.*
 - *Craigville Beach Road to be closed from Covell's Beach to Marie Avenue.*
 - *Covell's Beach Parking Lot remains closed to the public.*
 - *Vineyard Wind to commence construction in parking lot first week in November.*
 - *Project anticipated to be completed in Spring, 2023.*

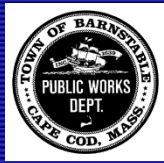


Project Updates Since September



- Strawberry Hill Road Sewer Expansion Project*

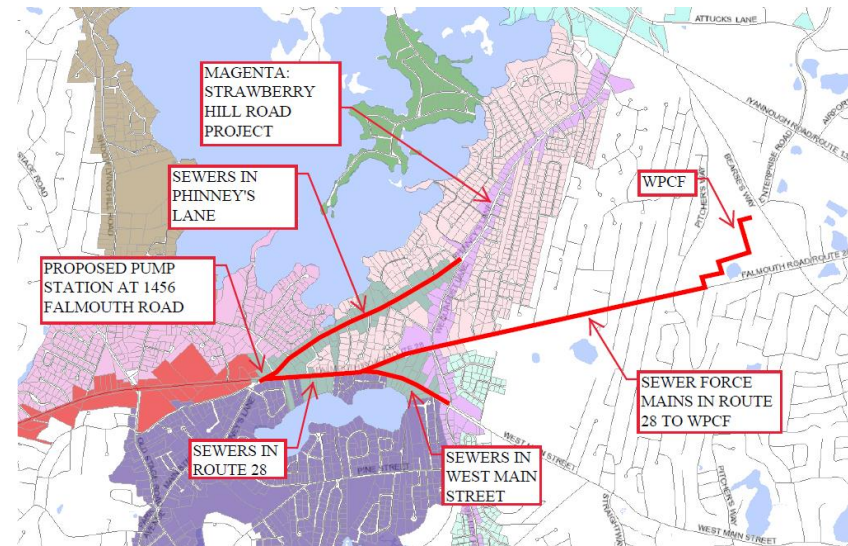


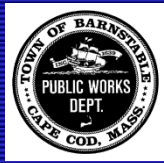


Project Updates Since September



- *Route 28 East Sewer Expansion Project*
 - *SRF Loan Application Submitted*
 - *Design and permitting continues*
 - *Public information session anticipated in November*
 - *Evaluating potential land swap with property adjacent to pump station site*
 - *Bidding anticipated this winter*





Project Updates Since September



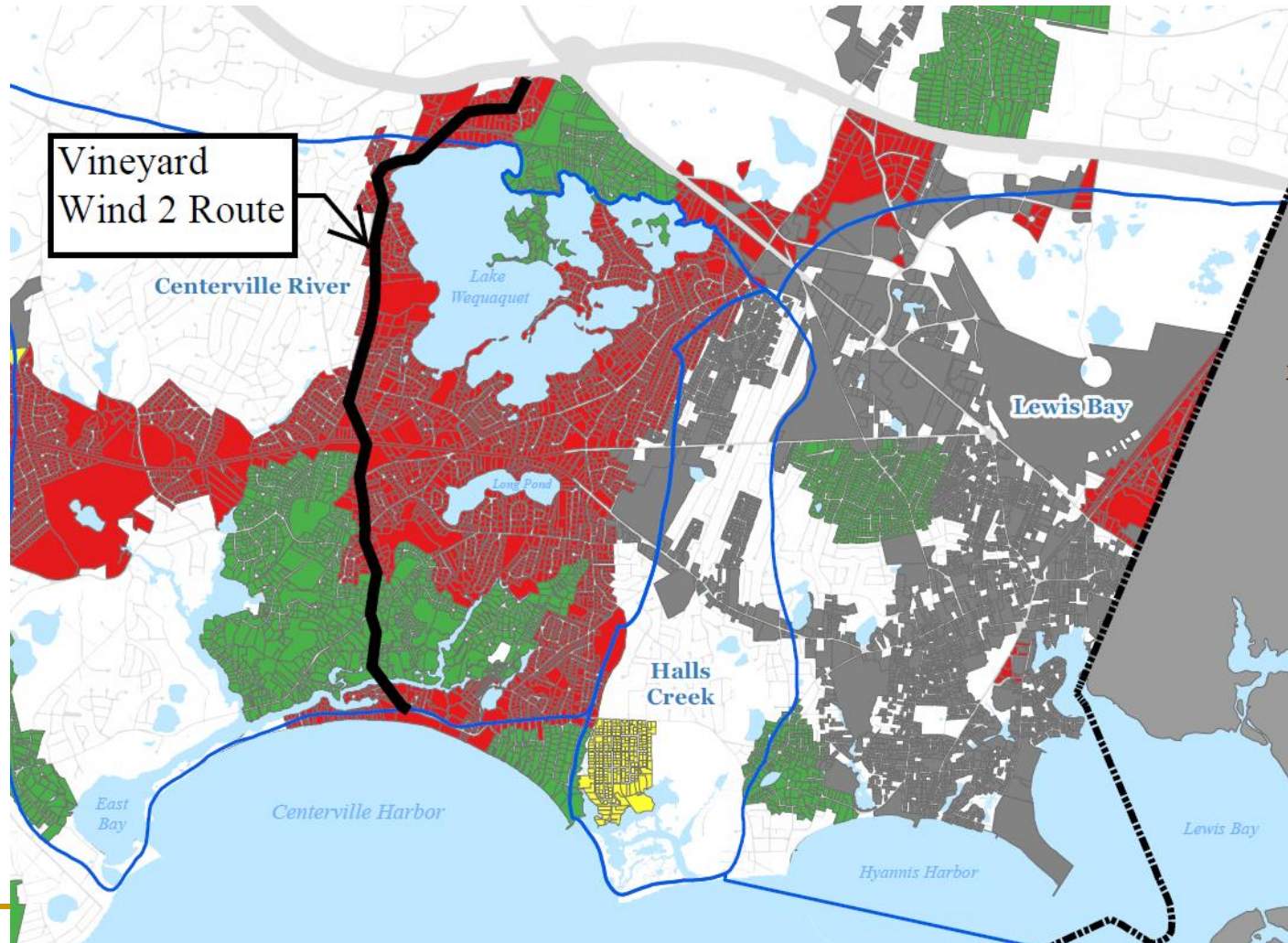
- *Vineyard Wind 2 On-Shore Route*
 - *VW2 preferred on-shore route is located within roadways identified by the CWMP as requiring sewer expansion*
 - *Route includes portions of Craigville Beach Road, Main Street (Centerville), Old Stage Road, and Shootflying Hill Road*
 - *VW2 not anticipated in CWMP, Phase 1 Implementation Plan Schedule*
 - *Some of the roadways along the route originally identified within Phase 2*
 - *Evaluating impacts to Phase 1 plans*
 - *Anticipate appropriation request to fund the design of sewers along the route next month*

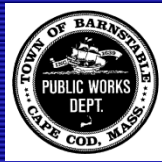


Project Updates Since September



- Vineyard Wind 2 On-Shore Route*

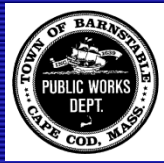




Project Updates Since September



- *Planning on-going for other Sewer Expansion Projects*
 - *Route 28 “West” Sewer Expansion*
 - *Route 28 from Phinney’s Lane to Route 149*
 - *Previously 2 projects (Route 28 Centerville and Route 28 Marstons Mills)*
 - *Main trunk main which will allow westerly sewer expansion into Three Bays Watershed*
 - *Surveys Complete*
 - *Anticipate appropriation request for final design funding next month*
 - *Phinney’s Lane and Long Pond Sewer Expansion Projects*
 - *Surveys complete, Preliminary design (in-house) on-going.*
 - *First projects involving Private Roads.*



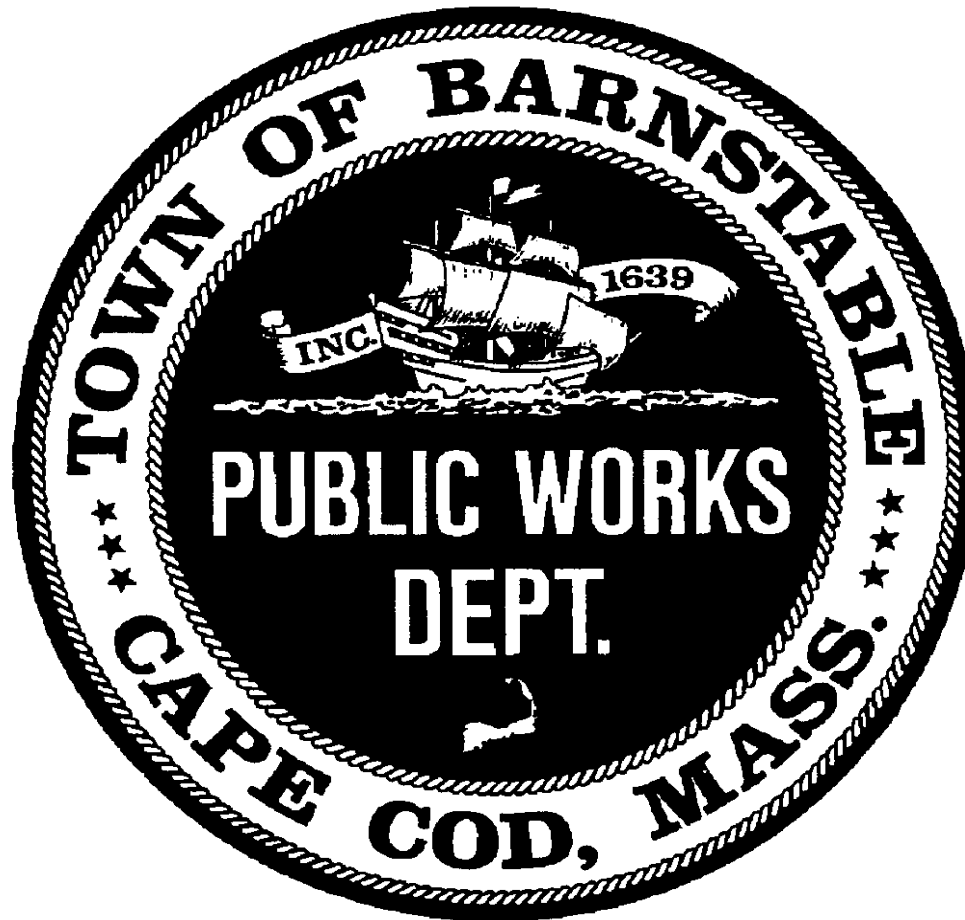
Project Updates Since September



- *Evaluation of Nitrogen Removal Improvements at the WPCF*
 - *Contract awarded to Wright-Pierce*
 - *Evaluation to be completed by Spring of 2022*
- *Solids Processing Facility Upgrades*
 - *Construction on-going*
- *WPCF Engineering Study*
 - *DEP required engineering study of facility in advance of permit renewal in 2023.*
 - *Proposals being sought.*

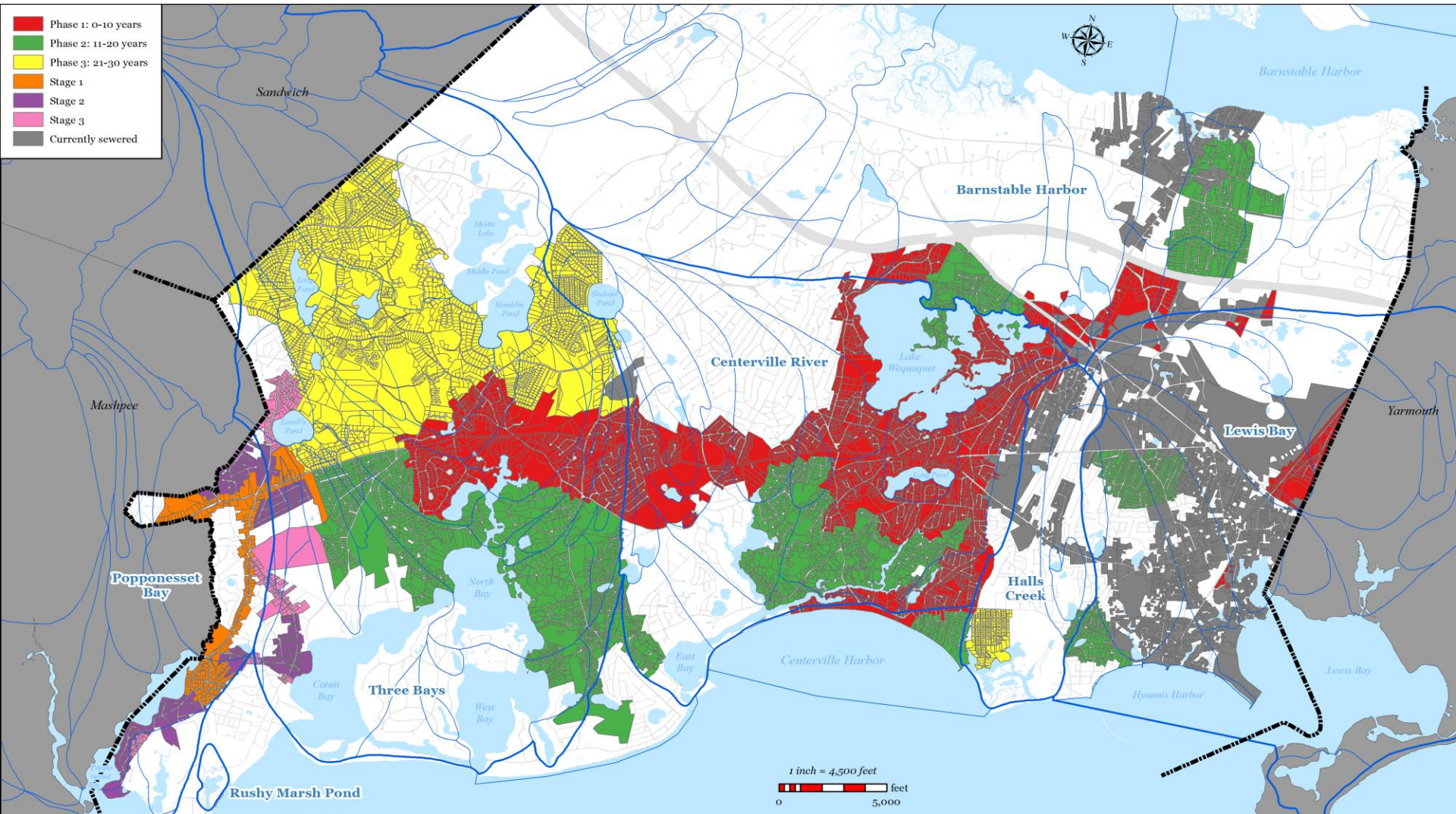
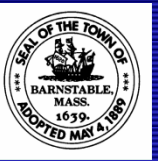


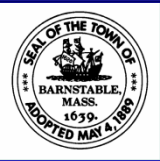
Discussion?



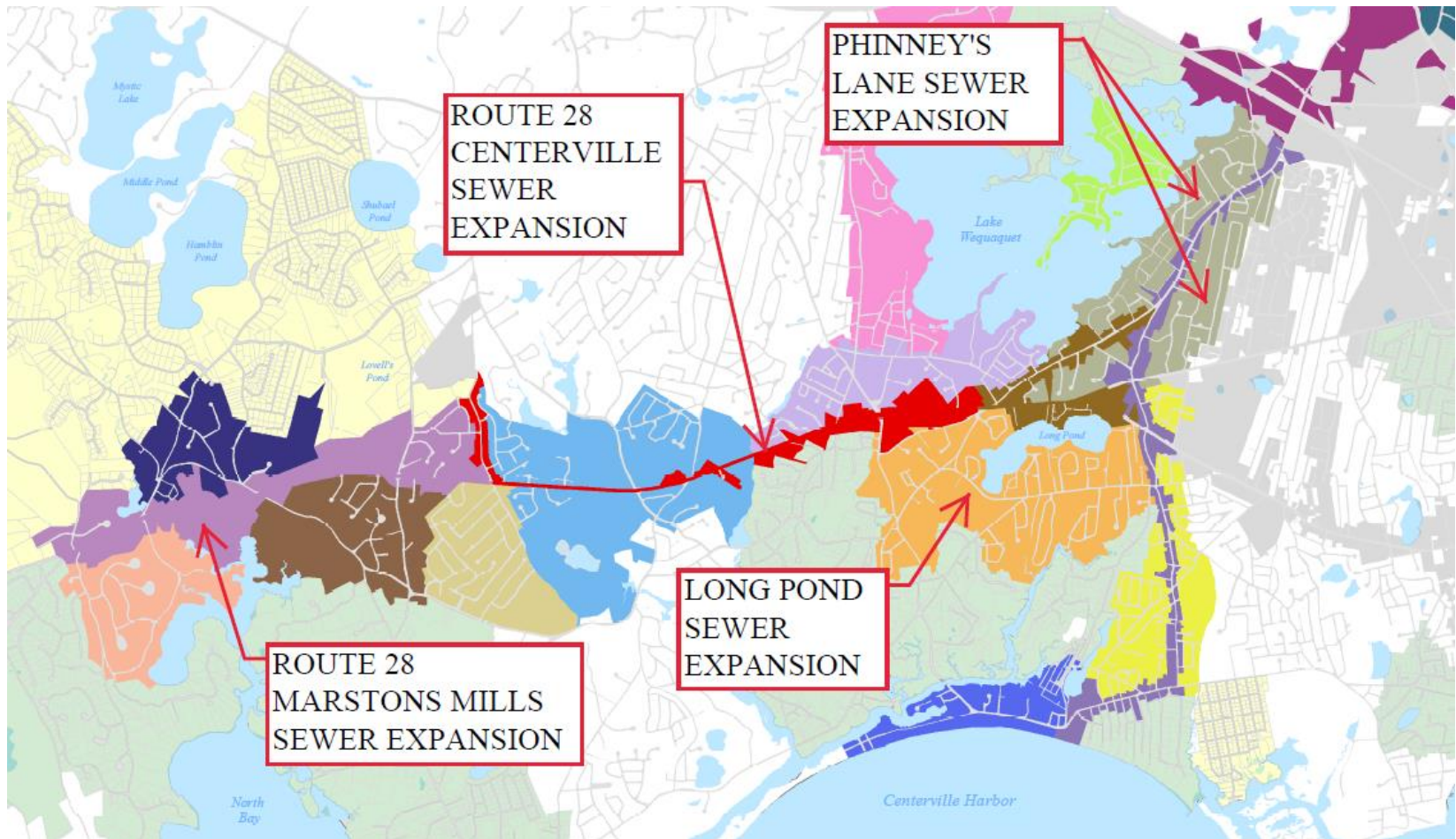


Phasing Plan



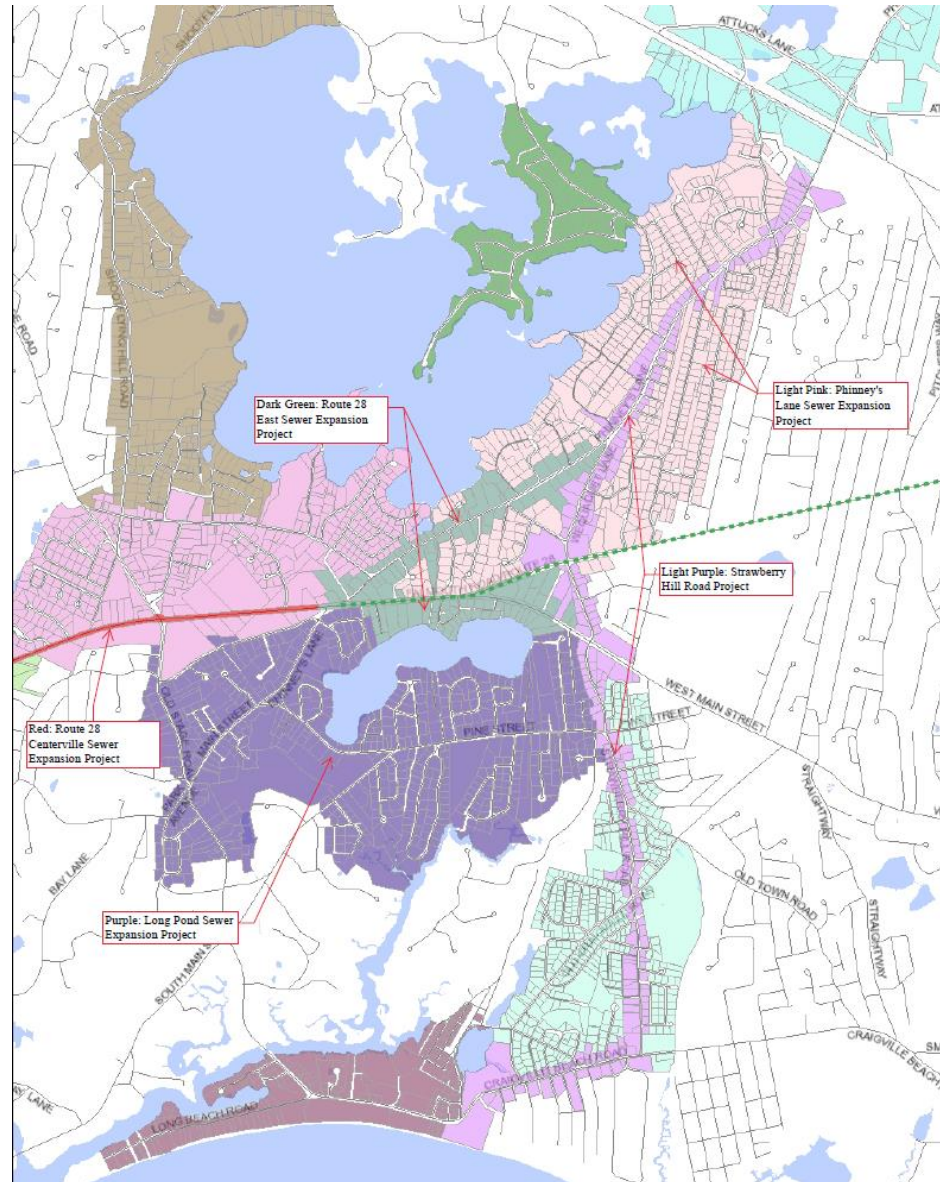


Phase I Projects





Phase I Projects - East





Phase I Projects - West

