



Barnstable Town Council

Update on Wastewater Efforts In Barnstable

Department of Public Works
January 20, 2022

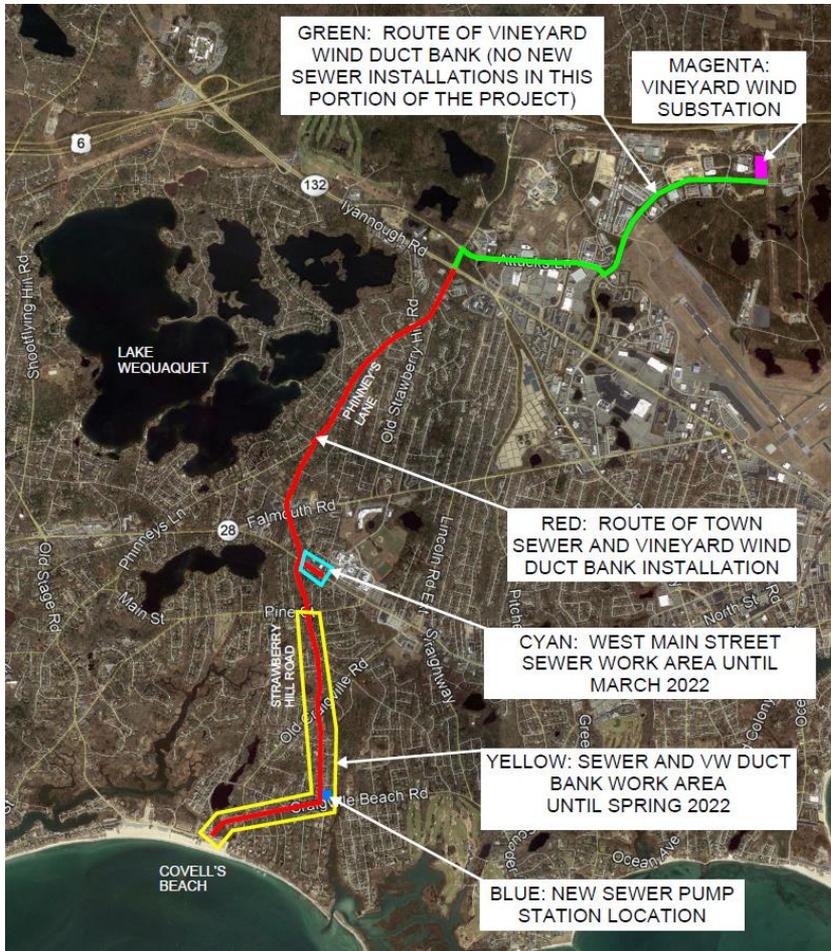


Project Updates Since December



• Strawberry Hill Road Sewer Expansion Project

- ±4,300 LF (±25%) of gravity sewer main installed to date
- Two sewer crews now. Third mobilizing in next weeks.
 - Crew 1: West Main Street
 - Crew 2: Craigville Beach Road
 - Crew 3: Force main and services on SHR
- Work on West Main Street will require closure of West Main from western entrance of High School to SHR.
 - Work will not start until 7:30 AM (after school drop off completes).
 - DPW closely coordinating w/ schools.
- Vineyard Wind's crews at Covell's Beach Parking Lot and on Independence Drive and Strawberry Hill Road.
- On schedule for completion in Spring, 2023.

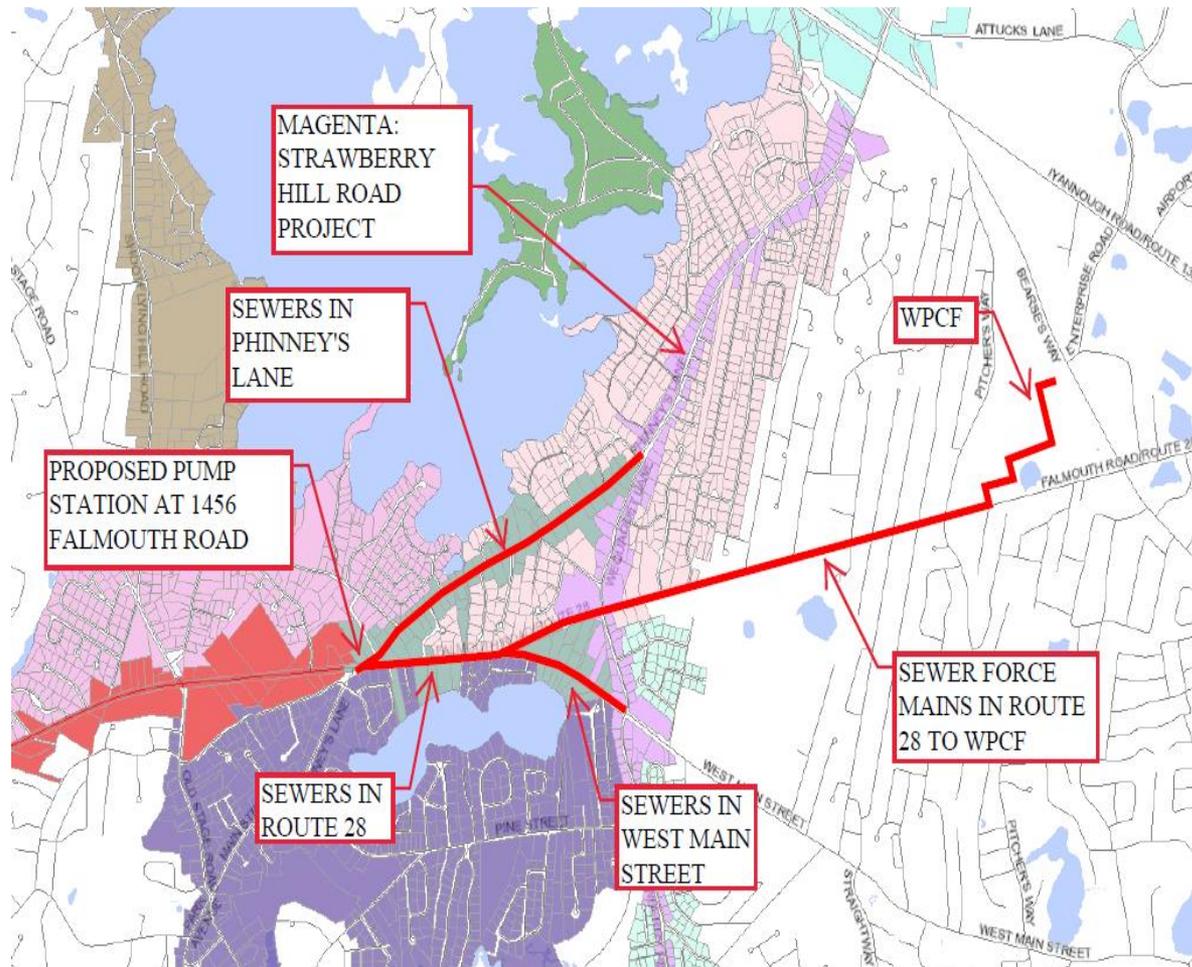




Project Updates Since December



• *Route 28 East Sewer Expansion Project*



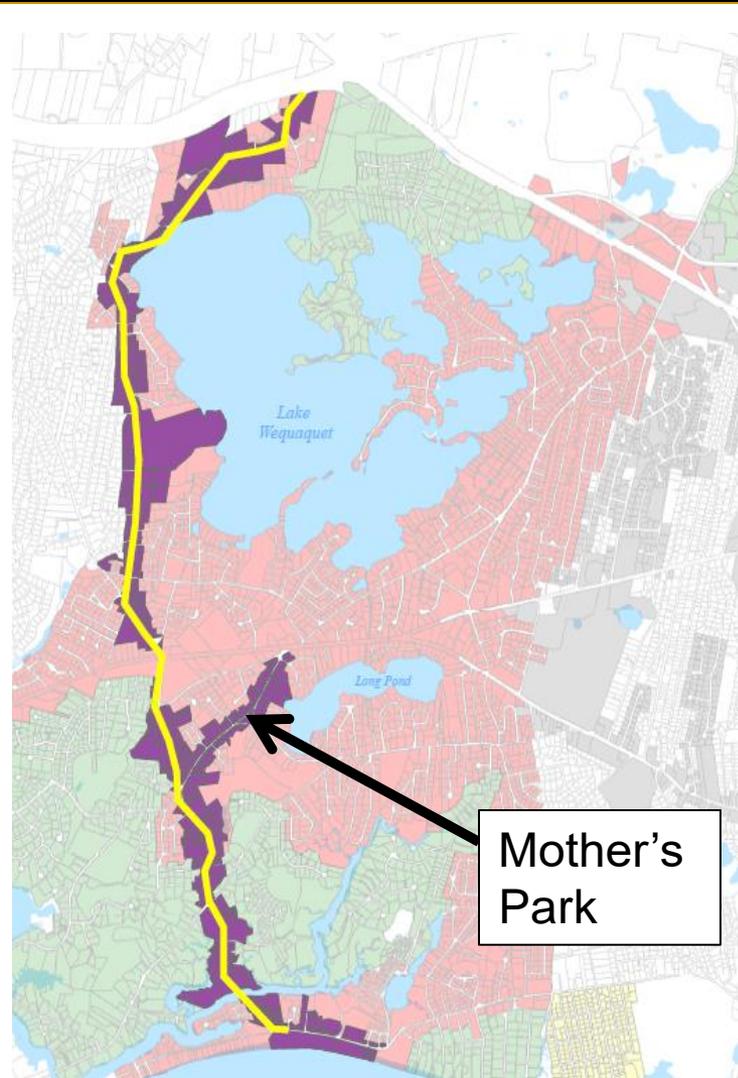
- *SRF Loan Application under review*
- *Design and permitting continues*
- *Virtual informational session held on 11/16/21*
- *Reviewed project with School Committee in December*
- *Easement acquisition on abutting property (195 Phinney's Ln) – first read this evening*
- *Bidding anticipated in February / March*
- *Construction to commence late spring/summer*

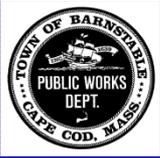


Project Updates Since December



- **“Vineyard Wind 2” On-Shore Route**
 - Town Council voted to appropriate design funds on 12/16/2021.
 - DPW finalizing in-house preliminary design.
 - DPW working to identify necessary pump station sites (at least 5 anticipated).
 - DPW preparing RFP for final design services.
 - DPW coordinating w/ Vineyard Wind re: survey and design.
 - DPW coordinating w/ legal team re: Mother’s Park.





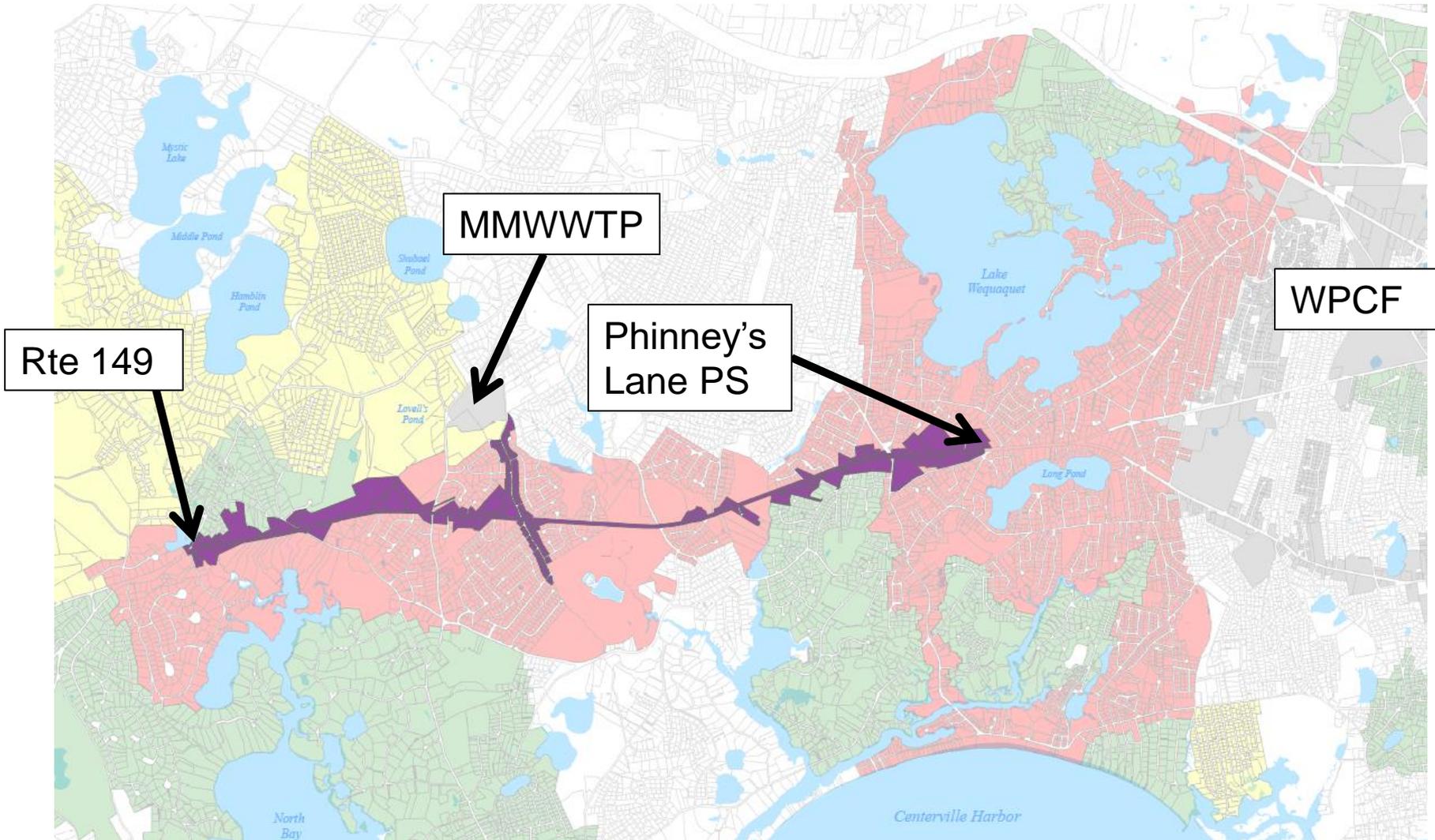
Project Updates Since December

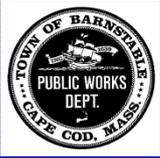


- *Route 28 “West” Sewer Expansion*
 - *Town Council voted to appropriate final design funds on 12/16/21.*
 - *Survey has been completed and is under review by DPW.*
 - *DPW finalizing in-house preliminary design.*
 - *DPW working to identify necessary pump station sites (at least 4 anticipated).*
 - *DPW preparing RFP for final design services.*
 - *First project anticipated to involve work on a private road (Old East Osterville Road)*



Project Updates Since December

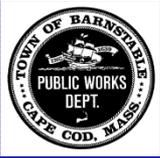




Project Updates Since December



- *Route 28 / Yarmouth Road – MassDOT*
 - *DPW attended MassDOT project kick-off meeting.*
 - *Utility pole relocations underway and on-going this winter.*
 - *More significant work anticipated to commence in spring 2022.*
 - *Schedule of sewer work has not been provided.*
- *Planning on-going for other Sewer Projects*
 - *Phinney's Lane and Long Pond Sewer Projects*
 - *Surveys complete, preliminary design (in-house) on-going.*



Project Updates Since December



- *WPCF Updates*
 - *Evaluation of Nitrogen Removal Improvements*
 - *Evaluation on-going and anticipated to be completed in the Spring of 2022.*
 - *Effluent Disposal Evaluation*
 - *Contracting w/ CDM Smith to conduct refined modeling evaluation of identified options*
 - *Solids Processing Facility Upgrades*
 - *Construction on-going*
 - *WPCF Engineering Facility Study*
 - *DEP required for permit renewal in 2023.*
 - *Contracted with Wright-Pierce*



Project Updates Since December



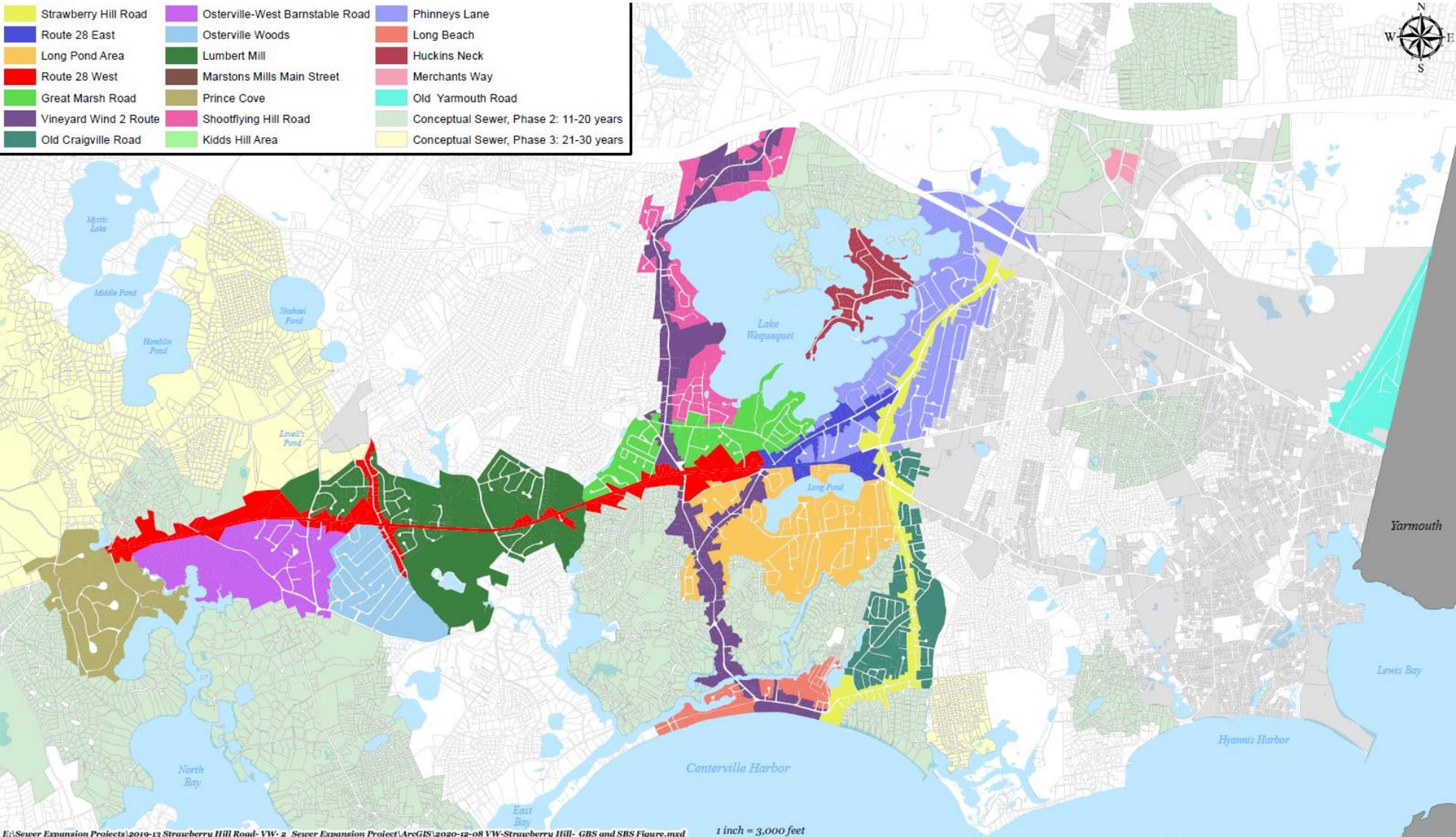
- **SRF**
 - **2020 Projects**
 - *All loans have been secured and projects are underway (4 projects)*
 - *Mass Clean Water Trust announced total loan forgiveness for the 4 projects of \$876,534*
 - **2021 Projects**
 - *Route 28 East Sewer Expansion Project – Loan Application under review*
 - *Freezer Road Sewer Pump Station Rehabilitation – Permission to Advertise received*
 - **2022 Projects**
 - *Project evaluation forms under review by SRF (3 projects submitted).*
 - *Intended Use Plan (IUP) anticipated to be announced later this month.*



Project Updates Since December



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|-----------------------|---------------------------------|--|
| Strawberry Hill Road | Osterville-West Barnstable Road | Phinneys Lane |
| Route 28 East | Osterville Woods | Long Beach |
| Long Pond Area | Lumbert Mill | Huckins Neck |
| Route 28 West | Marstons Mills Main Street | Merchants Way |
| Great Marsh Road | Prince Cove | Old Yarmouth Road |
| Vineyard Wind 2 Route | Shootflying Hill Road | Conceptual Sewer, Phase 2: 11-20 years |
| Old Craigville Road | Kidds Hill Area | Conceptual Sewer, Phase 3: 21-30 years |





Discussion?

