



Beaver Street Interceptor Rehabilitation/Replacement and New Pump Station Update

Franklin Town Council Meeting

Brutus Cantoreggi, Director of Public Works

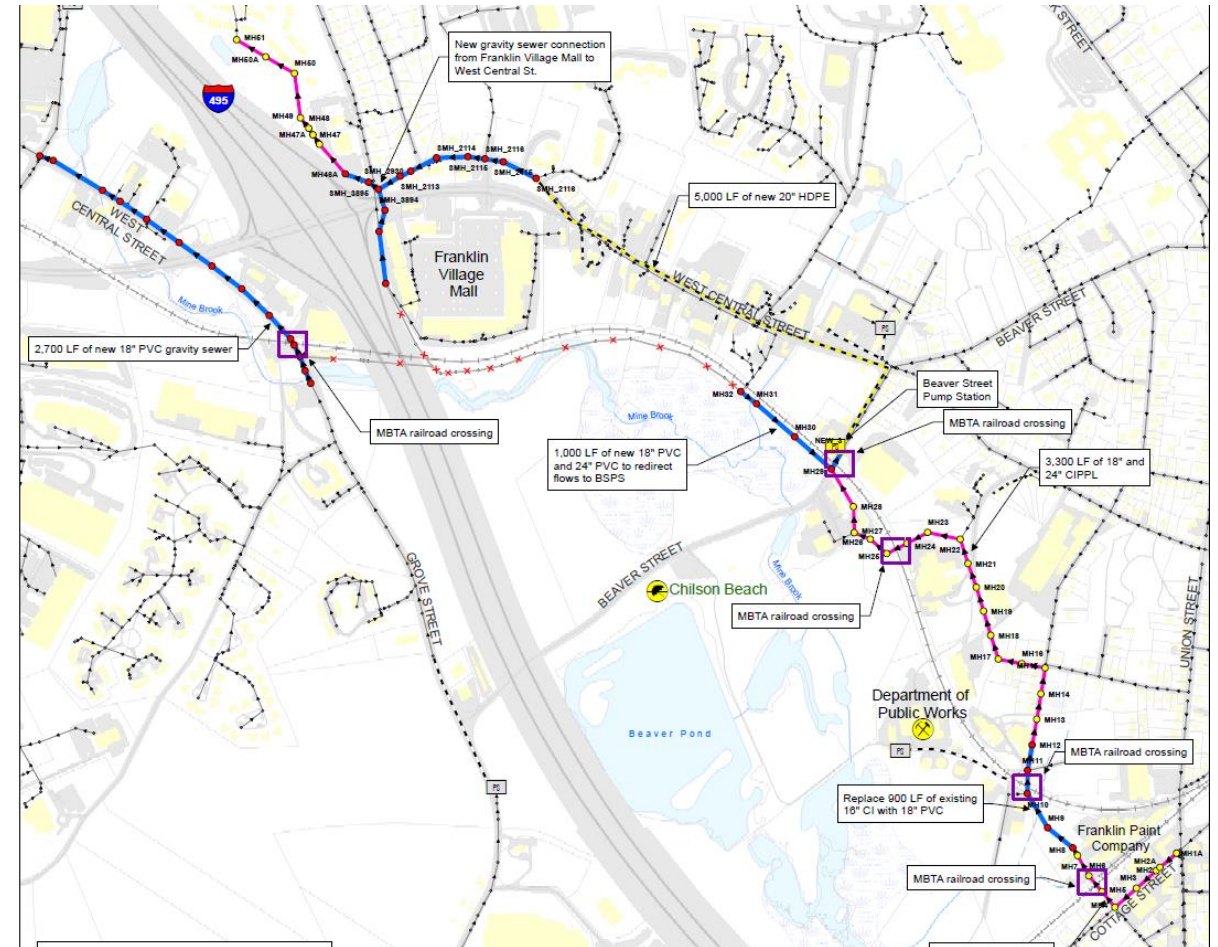
Doug Martin, Water and Sewer Superintendent

June 8, 2022



Project Update – Key Components

- New Beaver Street Pump Station and Force Main
 - 6 MGD Pump Station, 3 pumps
 - 4,000 LF of 18” force main from the pump station to discharge at Pond Street
- Rehabilitating 6,100 LF of BSI using CIPPL
- Installing 6,000 LF of new gravity sewers
- MBTA/Keolis Railroad Crossings – 5 locations
 - Three pipe replacements with jack and bore
 - Two pipe rehabilitation locations using CIPPL
- Abandoning BSI from Panther Way to Franklin Village Plaza and Route 495 crossing
- Anticipated Bidding August 2022





Beaver Street Interceptor Replacement and New Pump Station Construction Cost Estimate

Construction	\$28,431,000
Construction and Post Construction Engineering	\$3,129,000
Police Details	\$1,800,000
Total	\$33,360,000

1. Anticipated 30-month construction duration
2. Construction cost estimates include a 15% contingency and escalation to mid-point of construction
3. Bidding and award services are included in Construction Engineering and are SRF eligible
4. Potential loan forgiveness will be determined late fall



Cost Increase Factors

Outside Factors:

- Current market conditions
 - Fuel prices, inflation
- Supply chain issues
- Availability of materials impacted design decision (pipe material, etc.)

Project Factors:

- Exposed pipe on West Central Street – wetlands/soil conditions require pilings
- Rehabilitating the Grove Street siphon chambers
- Groundwater on Grove Street
- Rerouting the BSI around Franklin Paint (new easement required)
- Additional paving on State and Town roads
- Replacing/abandoning existing, adjacent utilities