

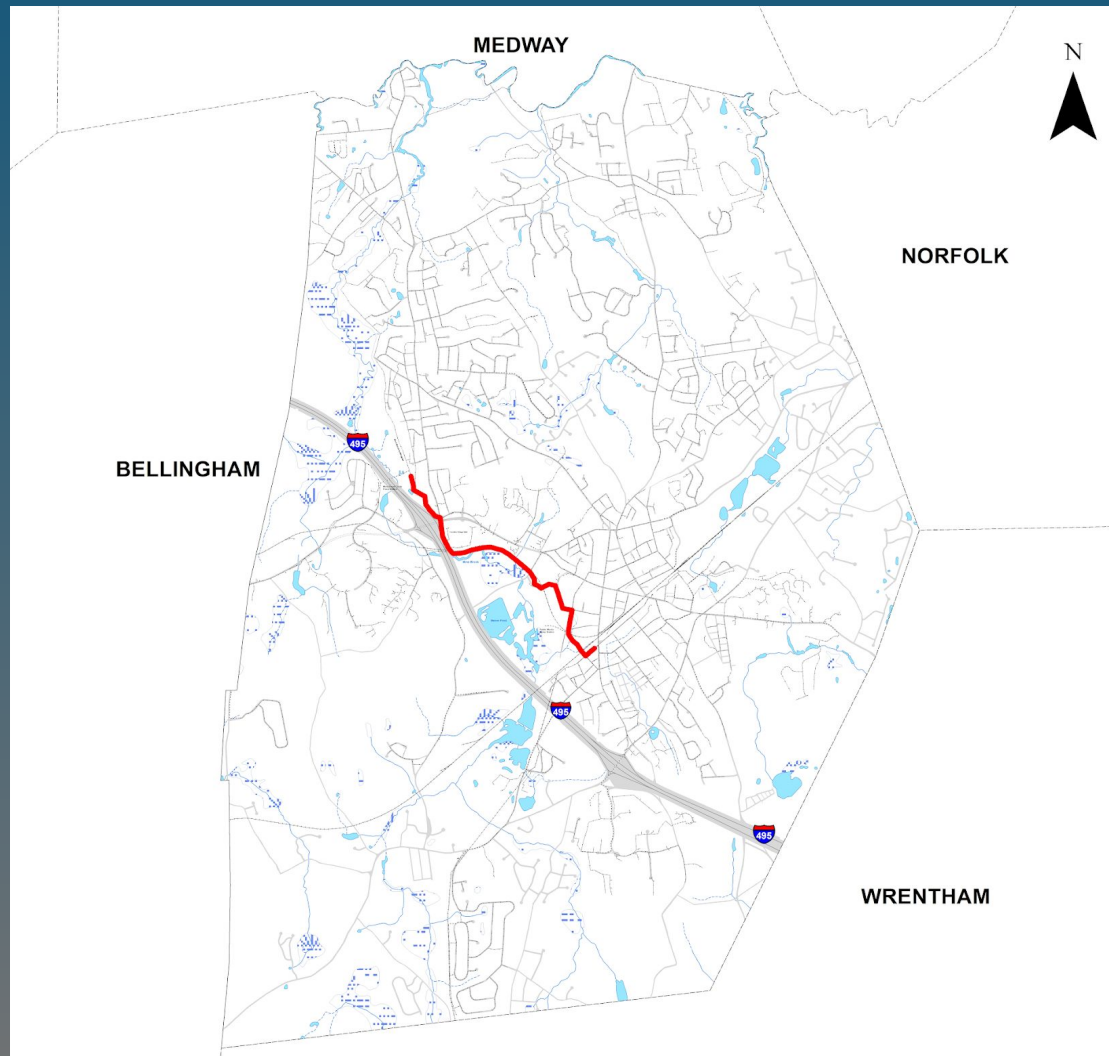
Beaver Street Interceptor Public Outreach Meeting

October 26th, 2023



Brutus Cantoreggi, Director of Public Works
Doug Martin, Water and Sewer Superintendent
Sean Mitchell, Arcadis

Beaver Street Interceptor Location



Fun Facts

- The Beaver Street Interceptor was originally constructed in 1914 and has been in continuous service for 109 years.
- The Beaver Street Interceptor conveys almost 70% of the Town's sewage with an average daily sewage flow of approximately 1.5 million gallons per day through the pipeline.
- The interceptor includes 59 manholes and approximately 2.3 miles of pipe, extending from the intersection of Cottage Street and Union Street to the easement behind Pond Street, near the Interstate 495/Route 140 interchange, where it discharges to the Mine Brook Interceptor.

Beaver Street Interceptor



Beaver Street Interceptor



Beaver Street Interceptor



Beaver Street Interceptor



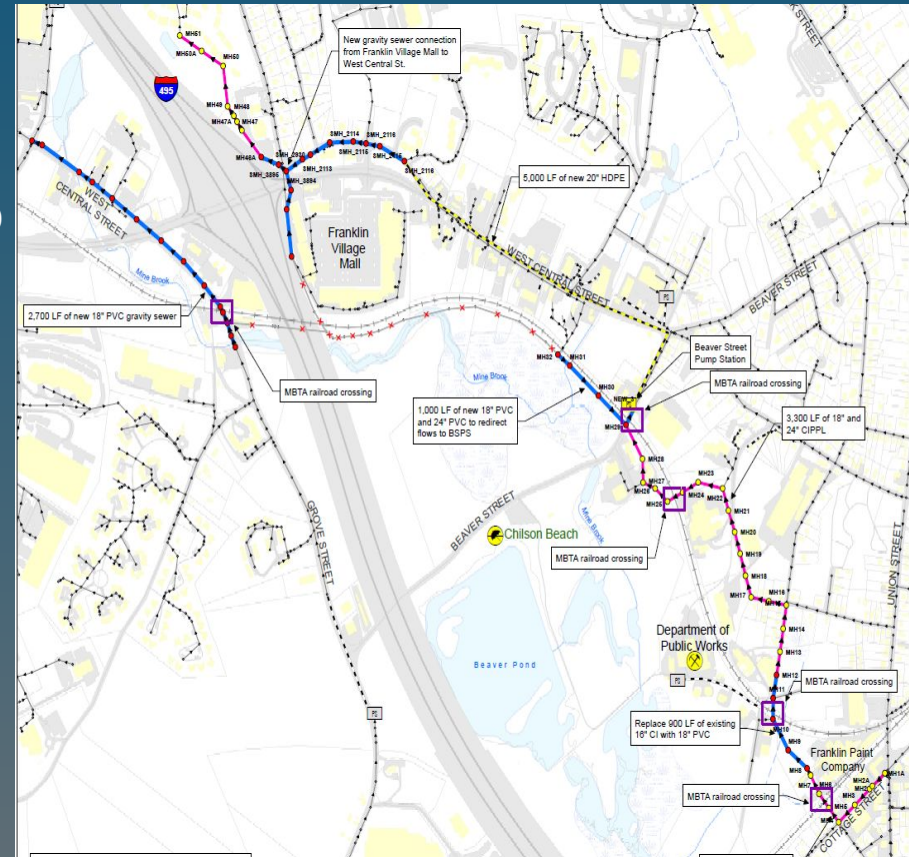
Why are we doing this ???

The Rehabilitation and Realignment of the Beaver Street Interceptor is need for the following reasons:

- Reduce / Eliminate environmental impacts
- Improve Access
- Improve Maintenance
- Reduction of sanitary sewer overflows
- Increase capacity of system

Key Components of Work

- **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 6,000 LF of BSI using CIPPL**
- **Installing 6,000 LF of new upsized gravity sewers**
- **MBTA/Keolis Railroad Crossings – 5 locations**
- **Abandoning BSI from Panther Way to Franklin Village Plaza and Route 495 crossing**
- **Construction Commencement : *Now!!!***



May 2024 - October 2024: All Sewer Rehab Work



Phase 1A =

Installing gravity sanitary sewer pipe at Old West Central Street and Franklin Village Mall parking lot.

Phase 1B =

**Constructing Beaver Street
pump station building.**

Phase 2 =

Installing sanitary sewer force main pipe.

Phase 3 =

Installing gravity sanitary sewer pipe through easement.

Phase 4 =

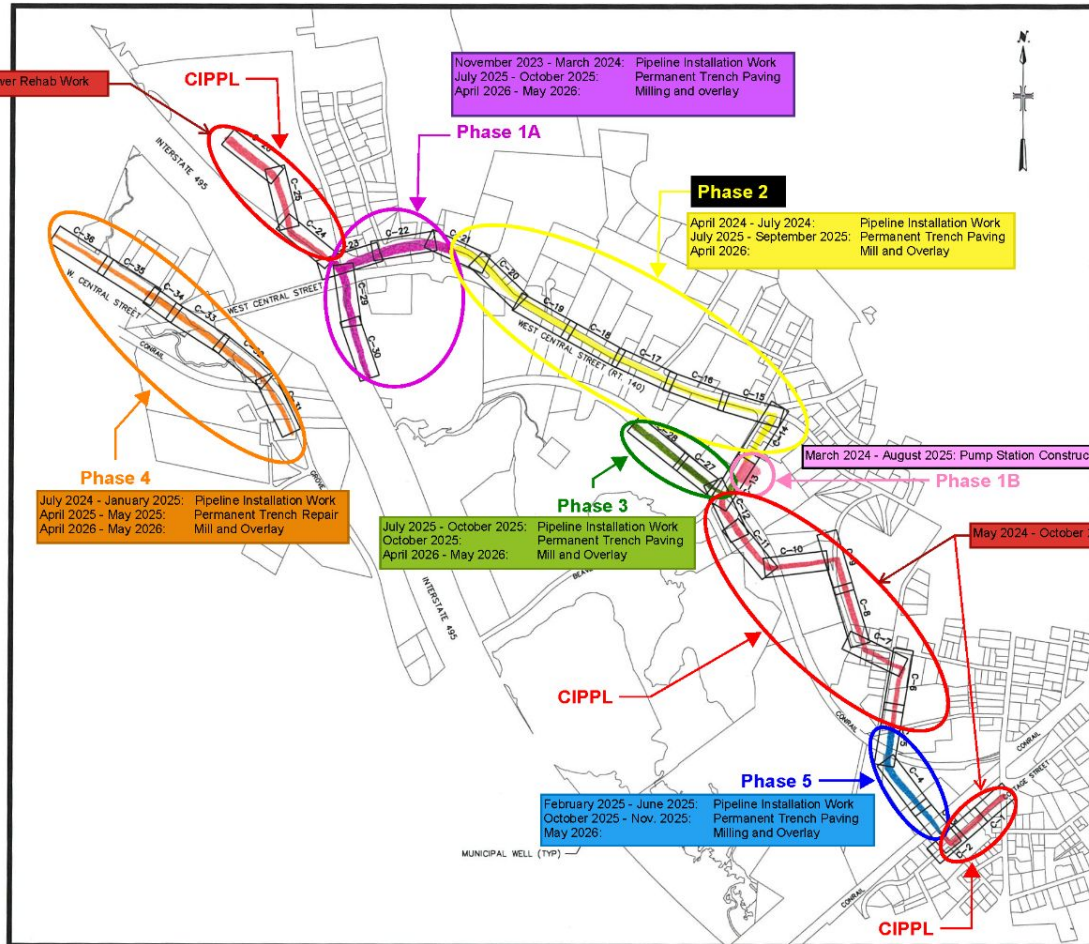
Installing gravity sanitary sewer pipe at West Central Street and Grove Street.

Phase 5 =

Installing gravity sanitary sewer pipe around Franklin Paint building and through easement.

CIPPL =

Installing cured-in-place pipe lining (CIPPL) at Cottage Street, Fisher Street, Hayward Street, and easements.



0 500' 1000'

SCALE: 1" = 500'



LEGAL ENTITY:
ARCADIS U.S., INC.
500 EDGEWATER DRIVE, SUITE 511
WAKEFIELD, MASSACHUSETTS 01880

CONSULTANTS

SEALS



FRANKLIN, MASSACHUSETTS
TOWN OF FRANKLIN DPW

BSI REPLACEMENT
AND PUMP STATION
DESIGN

CWSRF NO. 6979

REVISIONS

NO.	DATE	ISSUED FOR	BY
COPYRIGHT: ARCADIS U.S., INC. 2021			
DATE:	DECEMBER 2022		
PROJECT NO.:	30065216		
FILE NAME:	G-3		
DESIGNED BY:	SPM		
DRAWN BY:	AKR		
CHECKED BY:	SRH/AAQ		
SHEET TITLE			

GENERAL

LEGEND,
ABBREVIATIONS, AND
SITE PLAN SHEET
INDEX

SCALE: AS SHOWN

G-3

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Beaver Street Interceptor Construction Costs

Construction	\$26,777,262
Construction Contingency	\$1,338,863
Construction and Post Construction Engineering	\$3,683,875
Police Details	\$1,200,000
Total	\$33,000,000

- Awarded \$3,300,000 in Loan Forgiveness (10% Project Cost)
- Remainder will be 1.5% Loan over 20 years

Communications



UPDATED PROJECT INFO

www.franklinma.gov/BSI

PROJECT HOTLINE

508-553-5526

FACEBOOK

Franklin Public Works Page

QUESTIONS

