



Metropolitan Water Tunnel Program

Pre-bid Meeting

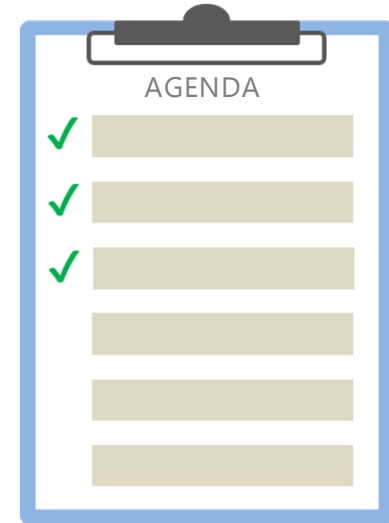
Co. 8086 Needham Dewatering Drainage Line

September 29, 2026



Agenda

- Introduction
- Procurement Items
- Project Background & Scope
- Schedule
- Construction Schedule Constraints
- Permits
- Easements





Introductions

Name	Title	Affiliation
Paul Savard	Acting Director of Tunnel Redundancy	MWRA Tunnel Redundancy
David Abt	Manager, Design	MWRA Tunnel Redundancy
Mike LaValle	Project Manager	MWRA Tunnel Redundancy
Amanda O'Reilly	Deputy Contracts Manager	MWRA Procurement
Eleanor Duffy	Assistant Director, Construction	MWRA Engineering & Construction
Terrence Flynn	Construction Coordinator	MWRA Engineering & Construction
Carmine DeMaria	Community Relations Coordinator	MWRA Public Relations
Will Walkup	FDE Project Manager	Final Design Engineer



Procurement Items

- Bid Opening - **2:00 p.m. Wednesday, October 28, 2026**
- Contract 8086 is a Chapter 30 contract and has an Engineer's Estimate of \$15,100,000.
 - There are 3 Bid Items, one is lump sum and there are 2 Allowance Bid Items
- Bids will be received on the MWRA Supplier Portal (link at mwra.com)
 - Portal has been updated – you will need to have updated your registration
 - Register to the Plan Holders list, if you have not already done so, to access the Contract Documents
 - Familiarize yourself with using the portal well ahead of the bid due date.
- Please look out for out notifications on the portal, as that is how we will communicate any changes to the RFQ/P documents.
- Questions for the proposal must be submitted in writing through the MWRA Supplier Portal using the “Ask a Question” feature by 5:00 p.m. on Friday October 9, 2026.
 - Submit questions in writing
 - There will be no site visit
- Acknowledge all Addenda
- 5% Bid Deposit Required
 - Make sure it is signed and uploaded when requested as you go through the response section on the Supplier Portal
 - Labor and Materials Bond (100% of the contract price)
 - Performance Bond (100% of the contract price)



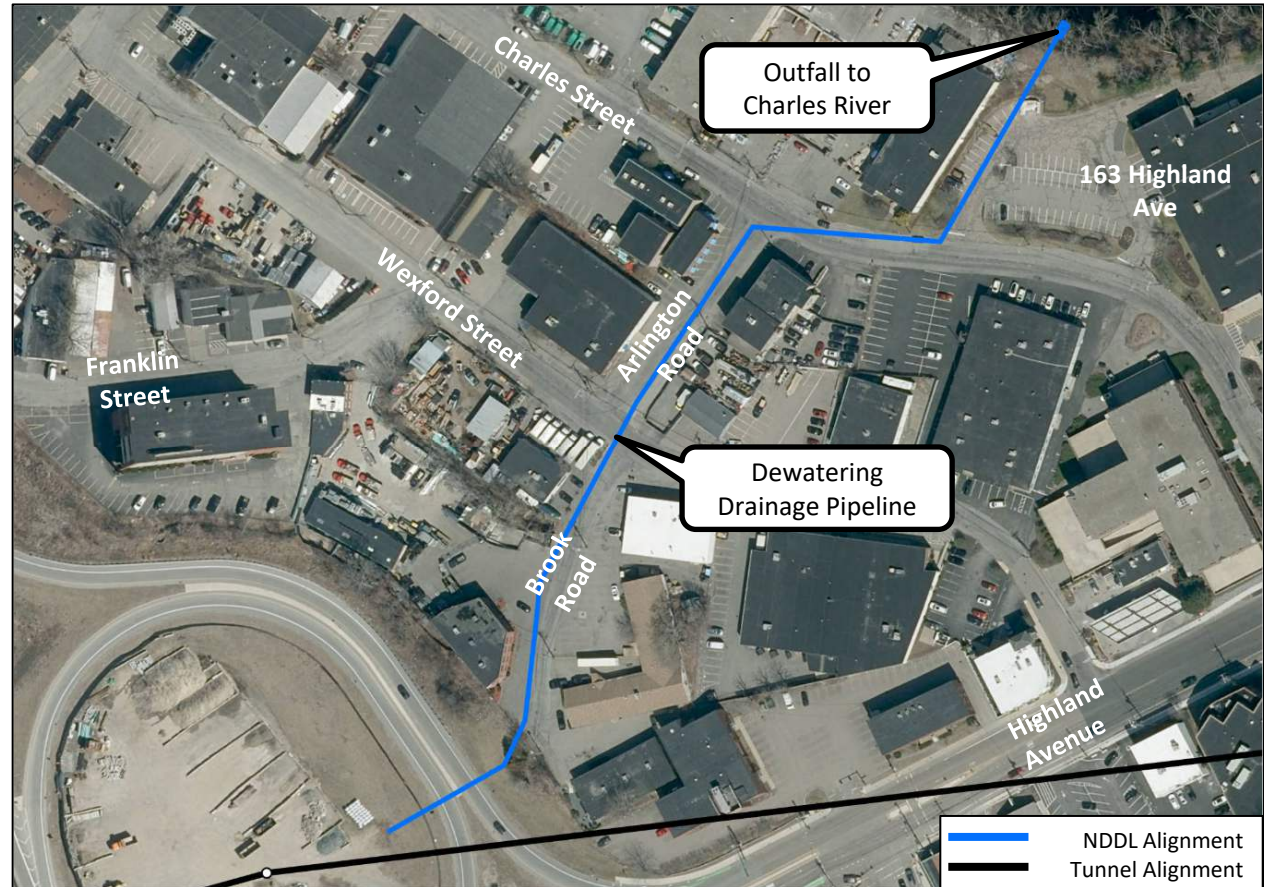
Needham Dewatering Drainage Line Project Reminders

- Contract Time – 517 calendar days from NTP
- MWRA expects to seek authorization for award at December Board of Director's meeting
- Expecting NTP to be early January.
- Liquidated Damages \$3,360 a day (Article 5 of the Contractor Agreement).
- Make sure you read the Division 0 and Division 1 – there are costs that you must consider in those specifications.
- 7.24% MBE and 3.60% WBE Utilization Requirements.
 - If you are low apparent bidder, it is your responsibility to prepare and submit your Letters of Intent and the Contractors Certification Form within 3 days of the bid opening.



Needham Dewatering Drainage Line Overview

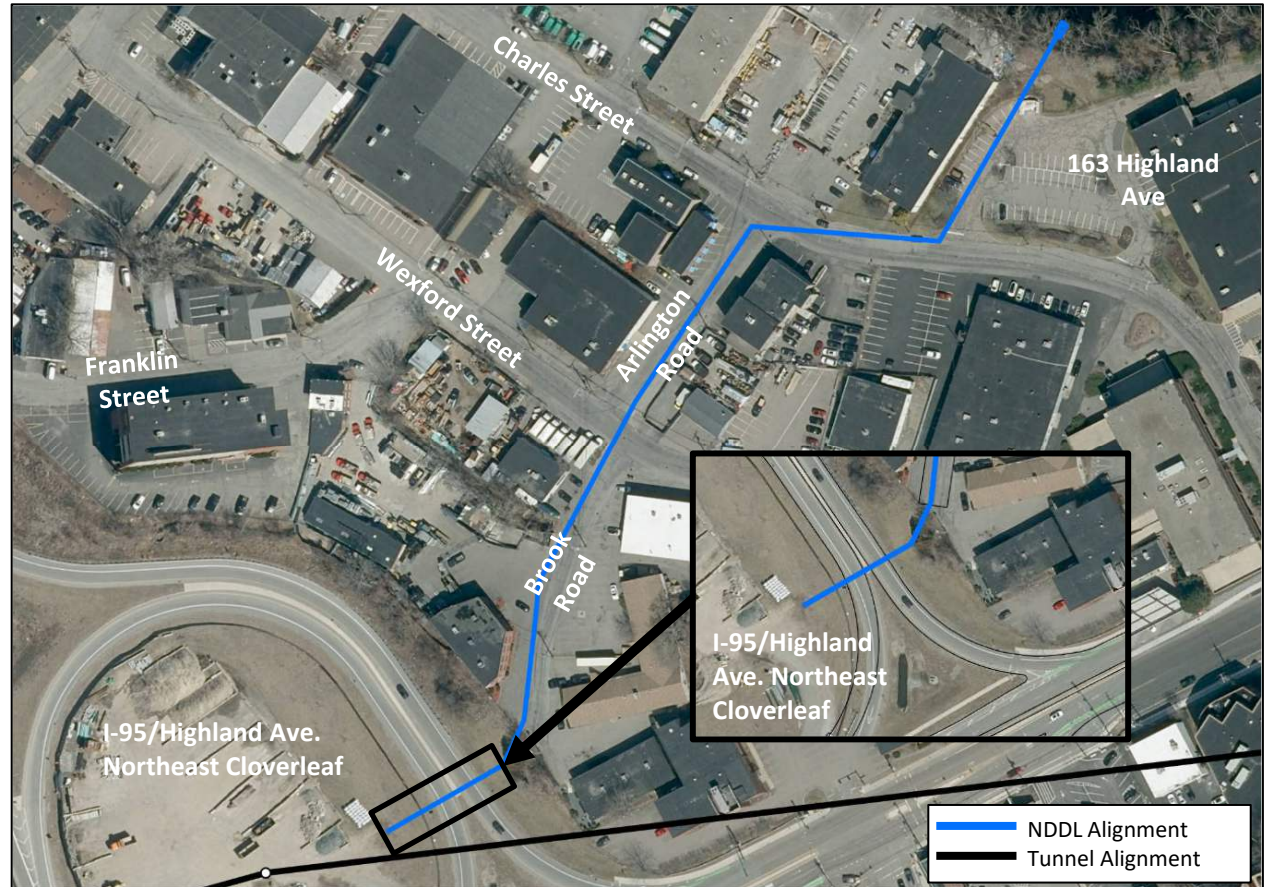
- 1,250 linear feet of 36-inch pipeline from cloverleaf, along Brook Road, Arlington Road, and Charles Street, to 163 Highland Ave. private property
- Discharge treated construction water during South Tunnel construction
- Discharge point during disinfection, flushing and commissioning
- Permanent unwatering location for the South Tunnel





Needham Dewatering Drainage Line MassDOT Trenchless Alignment

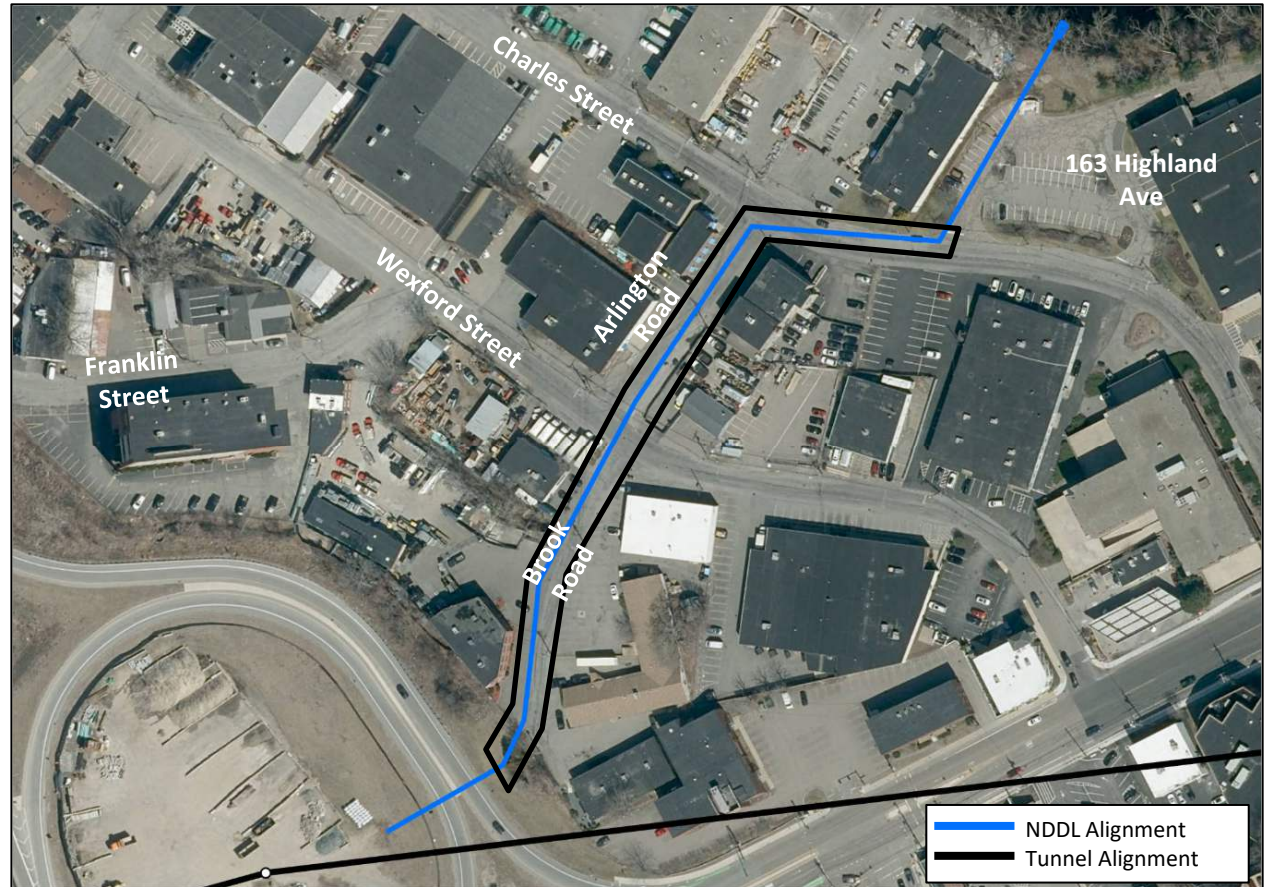
- ~150 linear feet of trenchless construction under I-95 ramp
- Construction via pipe jacking method
- Work Hours
 - MassDOT Property (7AM – 5PM)
- No traffic disruptions expected on I-95 ramp





Needham Dewatering Drainage Line Public Right-of-Way Alignment

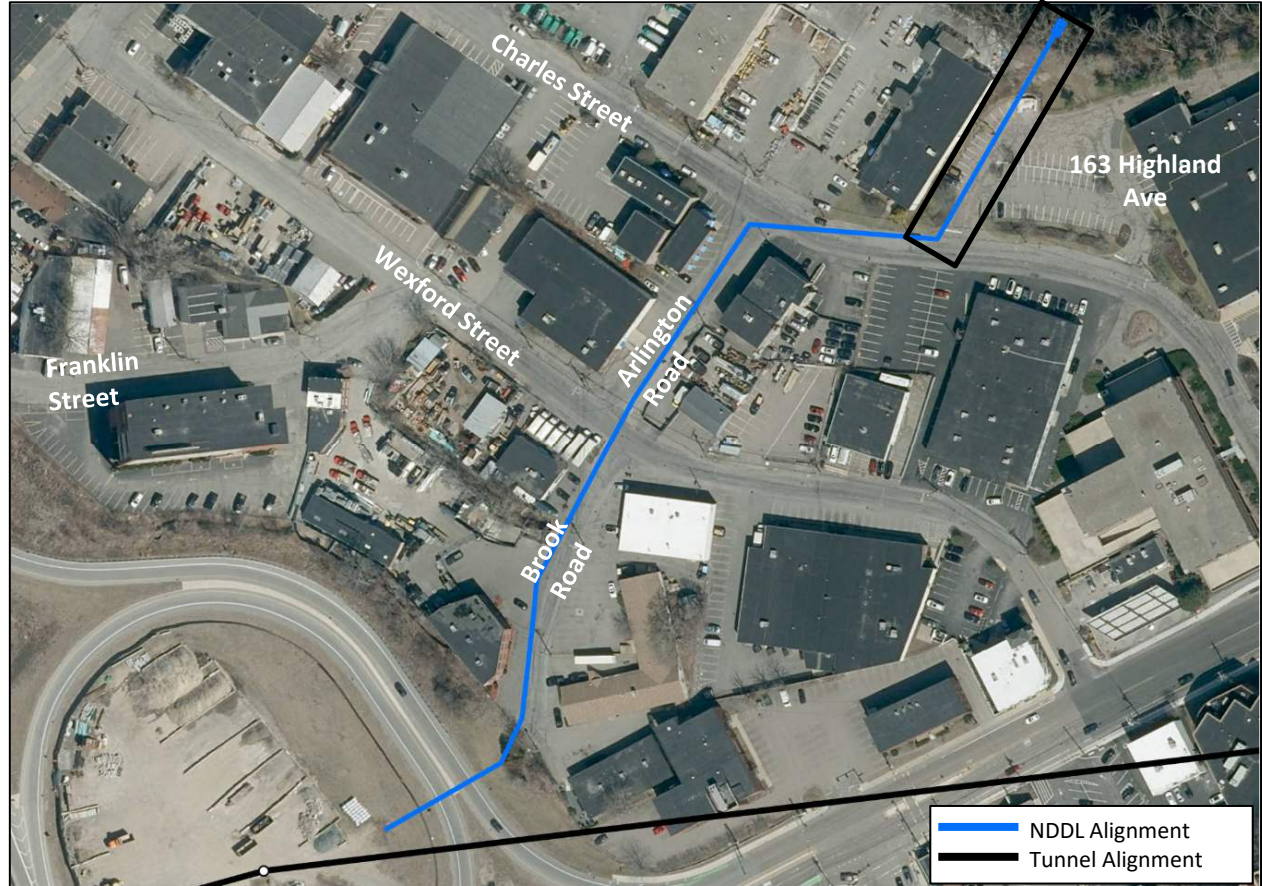
- ~850 linear feet of cut and cover in public right-of-way
 - Constructed in stages
- Work Hours
 - Night Work (7PM – 6AM)
- Needham Sewer
 - Rehabilitate portions of Needham Sewer along Brook Road and Charles Street





Needham Dewatering Drainage Line Outfall

- ~250 linear feet of cut and cover on private property
- Outfall constructed to the bank of the Charles River
- Cofferdam utilized for outfall construction
- Excavation conducted from riverbank
- Work Hours
 - Private Property (7AM – 5PM)





Needham Dewatering Drainage Line Sewer Removal and Replacement

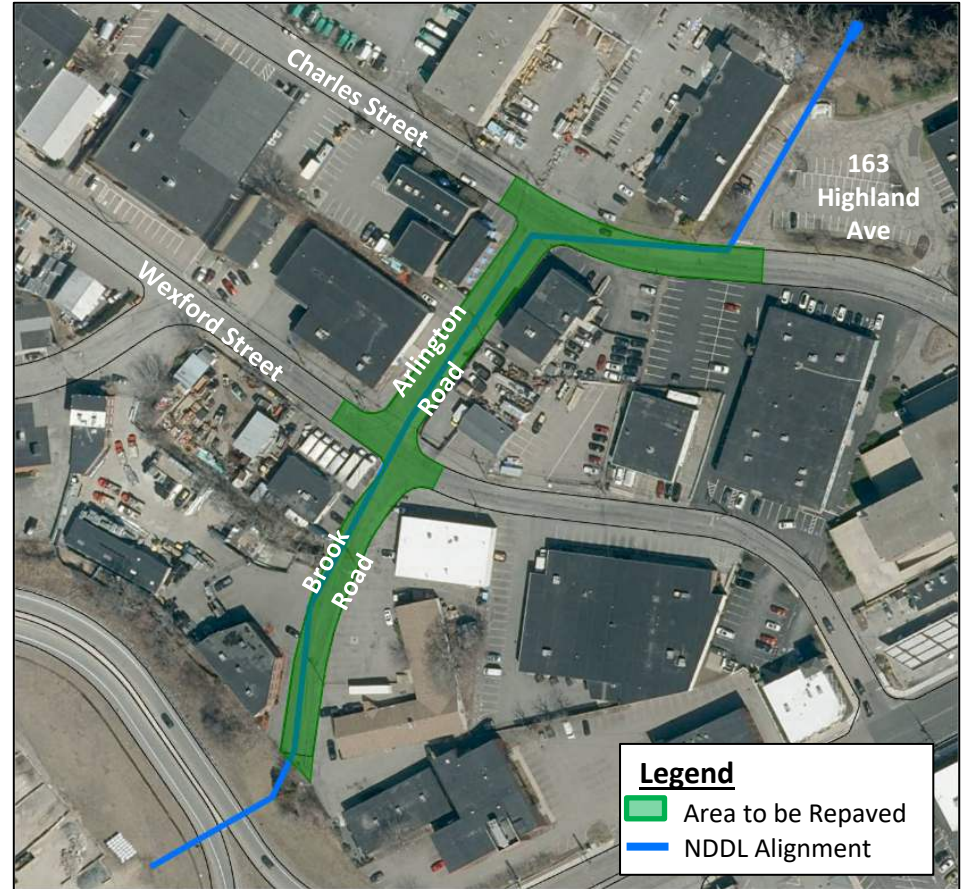
- Remove and replace ~300-foot-long section of vitrified clay pipe
- Work to be conducted in Town of Needham Sewer Easement
- Work Hours
 - Needham Sewer Easement (7AM – 5PM)





Needham Dewatering Drainage Line Site Restoration

- Mill and overlay pavement in work zone curb to curb upon completion





Needham Dewatering Drainage Line Schedule

Bidding:

Bid Advertisement: September 19, 2026

Pre-Bid Meeting September 29, 2026

Questions Due October 9, 2026

General Bids Due October 28, 2026

Construction:

Notice To Proceed: January 2027

Mobilization: Spring 2027

Substantial Completion: March 2028

Final Completion: June 2028

End 1-Yr Warranty: June 2029



Needham Dewatering Drainage Line Construction Schedule Constraints

- Work Hours in Needham Right-of-Way: 7pm – 6am
- Work Hours outside of Needham Right-of-Way: 7am – 5pm
- Winter Moratorium for Needham Right-of-Way: Nov 15 – Apr 15 unless approved by Town of Needham in writing
- Tree Removal Restrictions at the Charles Riverbank
 - No removal between April 15 – October 31st per USACE permit



Needham Dewatering Drainage Line Permits

**MassDOT
6-2026-0046**

- **Permit Available**
- **Contractor to complete required work plan submittals to activate**

**DCR CAP
CP-02362**

- **Work within DCR Flood Easement at 163 Highland Ave**

**Needham Conservation
Commission OOC
DEP File #234-974**

- **Review for work along Charles Riverbank**



Needham Dewatering Drainage Line Permits

**USACE
NAE-2025-02516**

- See for outfall construction

**MassDEP Chapter 91
No. 26-WWAR-0028-APP**

- Exemption approved

**Mass Historic
Commission PNF**

- No Adverse Effect

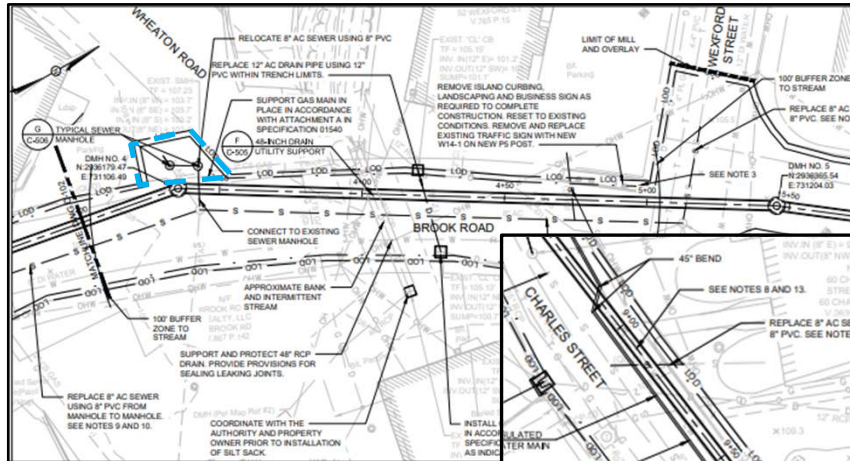
**Town of Needham
Street Permits**

- Contractor to obtain

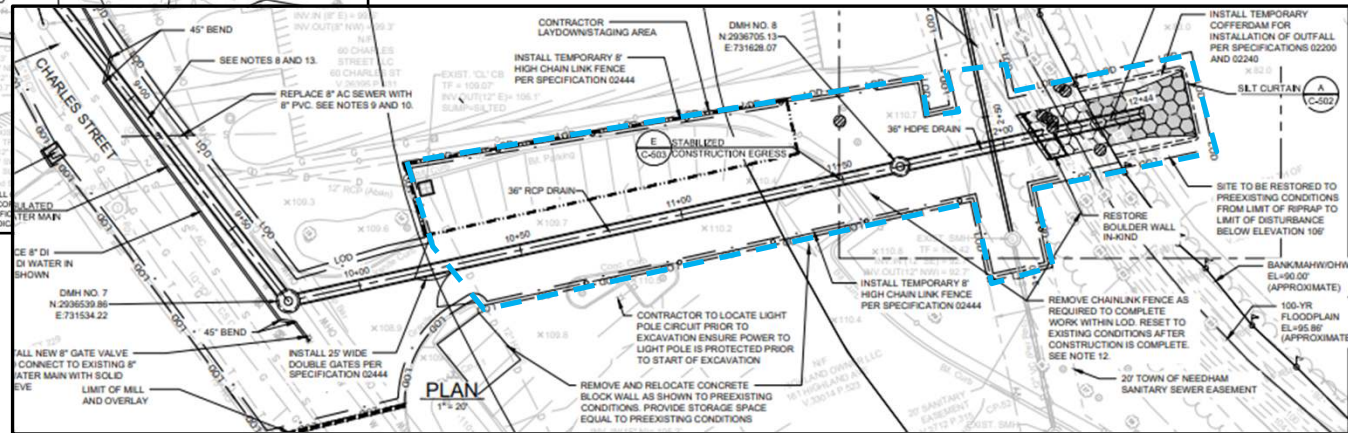


Needham Dewatering Drainage Line Temporary Easements on Private Property

- 19 Brook Road (Sheet C-103)



- 163 Highland Ave (Sheet C-104)





Metropolitan Water Tunnel Program

Thank you!

