



**District Board**

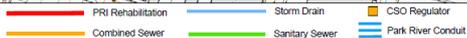
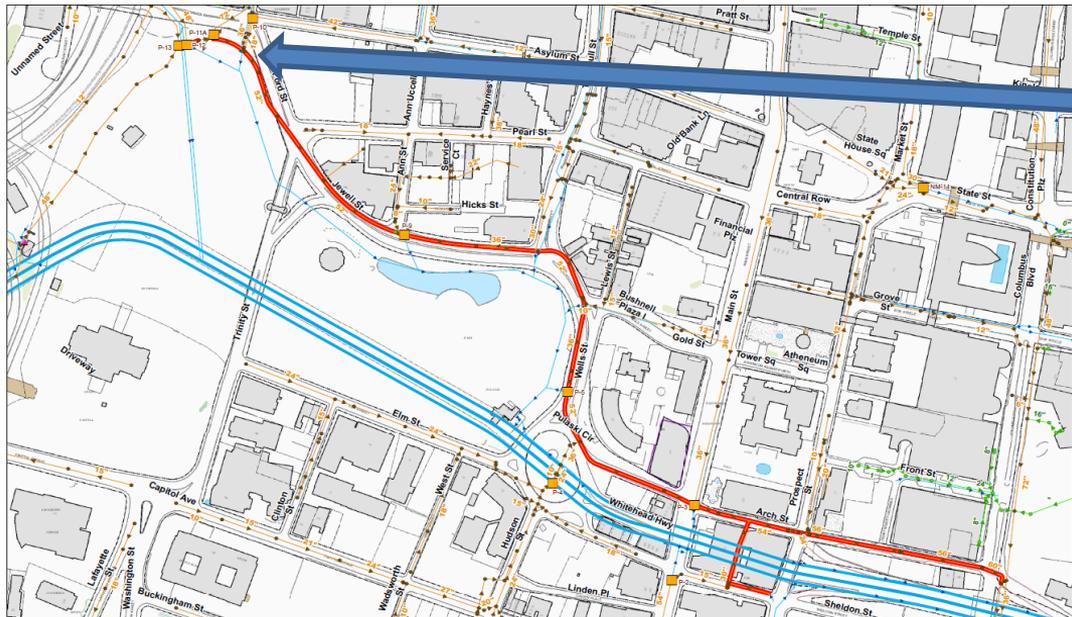
**Agenda Item: CEO Report – Cured in Place  
Pipe Lining Of Park River Interceptor Near  
Bushnell Park**

# Project Background

- **Contract: Large Diameter Sewer Rehabilitation Phase II (2021B-23)**
  - Consent Order Project
    - Second of several phases of critical Large Diameter Sewer Rehabilitation, with Phase 3A currently in the bidding phase
  - CSO Grant/Loan Funding
  - \$13.6M Contract, which includes approximately 22,000 LF of Large Diameter Cured In Place Pipe (CIPP)
  - Substantial Completion: July 2024
- **Lining of the Park River Interceptor (PRI)**
  - Lining of approximately 4,600 LF 36” to 60” diameter sewer between Asylum Avenue & Columbus Boulevard.
    - Unable to phase work into smaller segments due to configuration/location of existing manholes (minimize disturbance)
  - Portions of the PRI require urgent rehabilitation to avoid costly repairs of failures and severe service interruptions through open excavation methods
  - PRI:
    - Major Trunk Sewer that conveys up to 13 MGD of flow on an Average Day, conveying wastewater from Gully Brook, North Branch, and Park River Drainage Districts to the Connecticut River Interceptor (CRI)
    - Brick Sewer constructed in phases between 1866 and 1897
    - Located within ROW and parts of Bushnell Park
    - Six (6) CSOs located along PRI

# Project Purpose

- Project Benefits:
  - Address Urgent Structural Failures of the Pipe
  - CSO reduction via infiltration removal
  - Extending life of PRI via CIPP
  - CIPP installation while still feasible



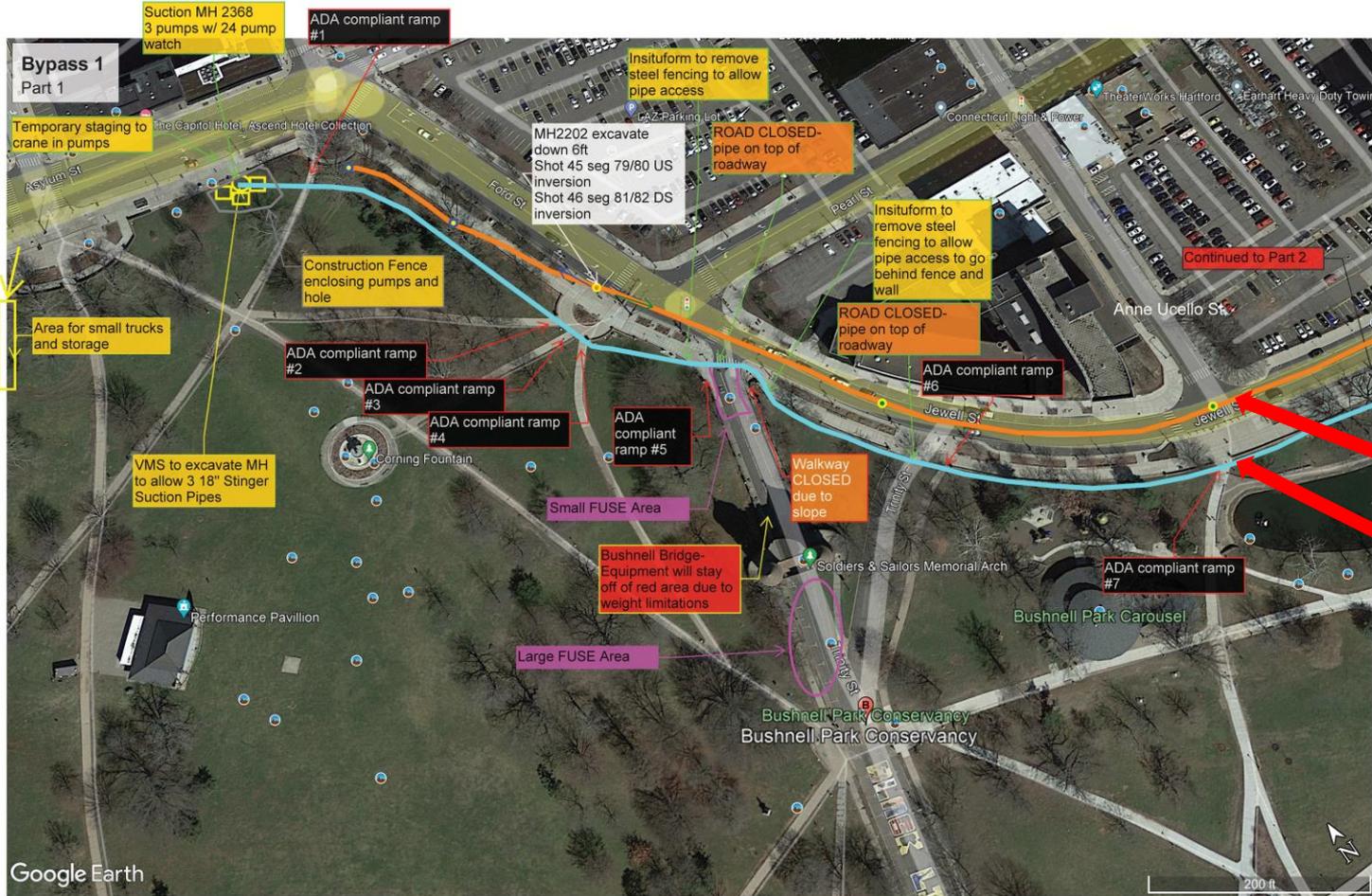
The Metropolitan District  
2021B-23 PRI Lining  
March 2024

# Scope of Work

- Pre-CIPP inspection (CCTV)
  - Completed in 2023
- Installation of sewer bypass
  - 4/1/24 to 4/21/24
    - Includes testing & inspection of bypass
- Installation of CIPP liner
  - 4/22/24 to 5/1/24
    - 13 individual CIPP liner shots
    - Includes testing & inspection of CIPP
    - Typical Install Times of 8-13 Hours
- Removal of bypass
  - 5/1/24 to 5/17/24
- Restoration of disturbed areas
  - June-July 2024
- Bypass System Considerations:
  - Suction Manhole & Discharge Manhole Selection
  - Maintaining Pedestrian Traffic
    - ADA compliant ramps at sidewalk crossings
  - Maintaining Vehicular Traffic
    - Buried at road crossings
  - Minimize Restoration Needs
  - Protection of trees
  - Bypass across sidewalks to be installed last to minimize duration of ramped access



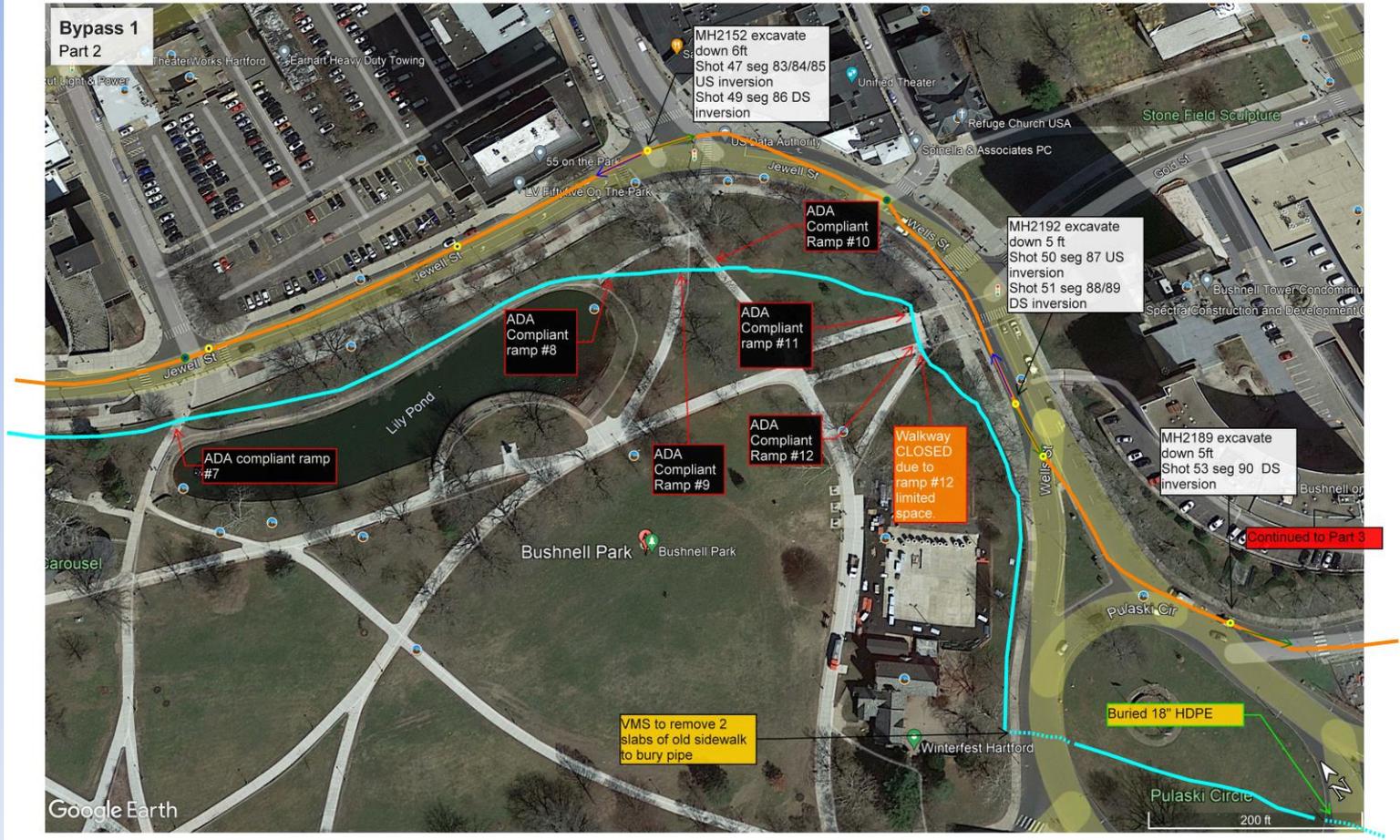
# Bypass Setup (1 of 3)



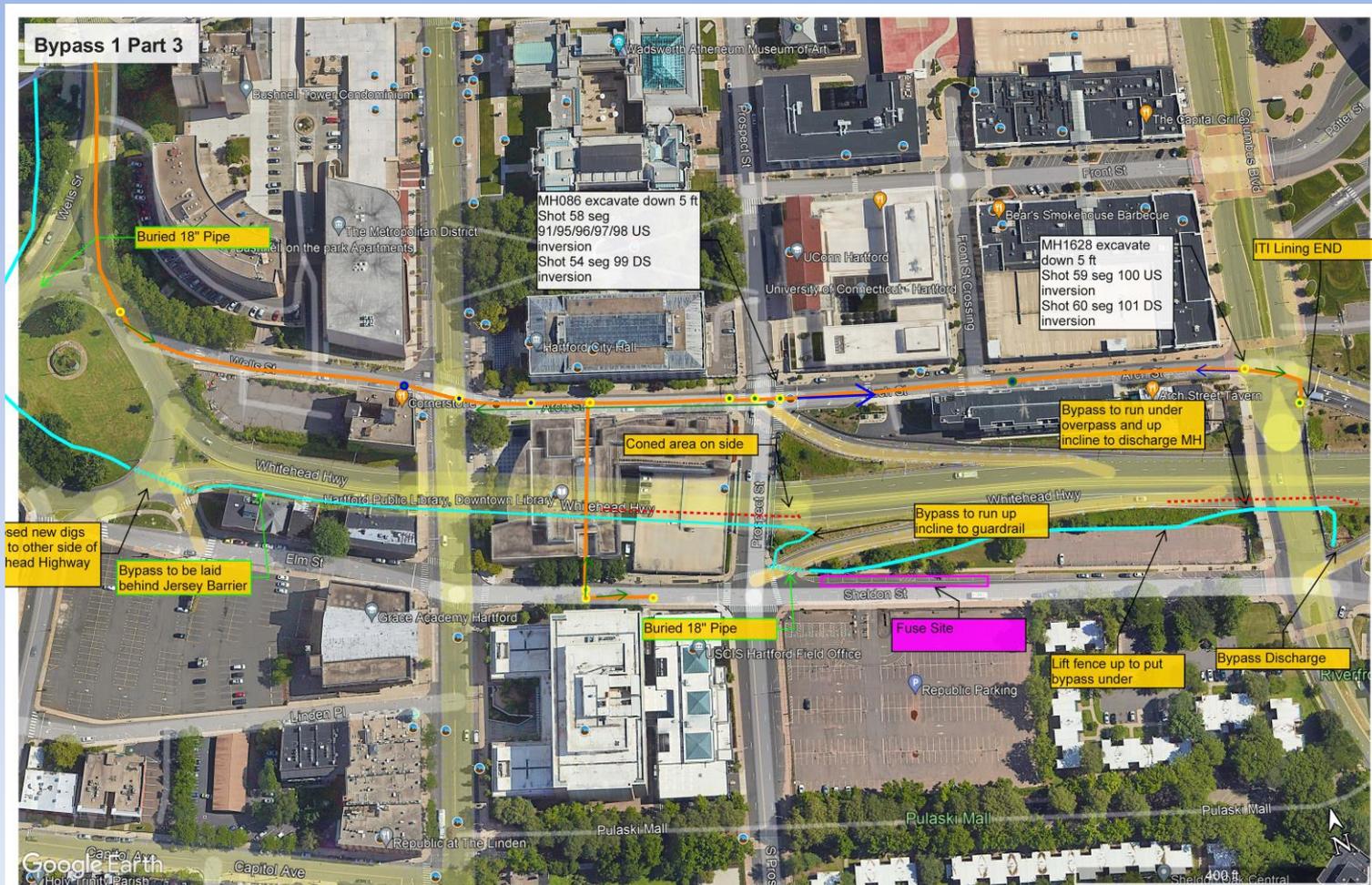
PRI (typ)

Bypass Pipes:  
Two (2) 18"  
Diameter (typ)

# Bypass Setup (2 of 3)



# Bypass Setup (3 of 3)



# Project Outreach

- Meeting with COH staff – October 2023
  - COH Engineering
  - COH Traffic & Permits
  - COH Parks
  - Project was postponed at this time due to concerns of bypass system freezing
- Outreach Meeting – March 2024
  - COH Engineering
  - COH Traffic & Permits
  - COH Parking Authority
  - COH Communication
  - Bushnell Park Association
- Outreach Notices distributed week of 3/25/24
  - COH Communication
  - Hartford City Council
  - Bushnell Park Association
  - State Capital Building
  - Other Stakeholders within Project Area
  - CT DOT
  - State of CT Police
  - Hartford Police



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## CONSTRUCTION NOTICE

### Sanitary Sewer Pipe Lining and Repairs – Bushnell Park

Beginning late March 2024, and continuing through April, the Metropolitan District (MDC) and their Contractor, Insituform, will be working in your neighborhood to begin the repairs and rehabilitation of the sanitary sewers. The work includes cleaning and CCTV inspection of the sewers, followed by repairing sewer pipes using a Cured-In-Place-Pipe (CIPP) or “No-Dig” method and repairing sewer manholes, and will result in limited pedestrian traffic in Bushnell Park in some areas. Pre-construction video documentation will be taken of the streets and work areas prior to the contractor mobilizing to the site.

*Additional notifications will be*

*distributed prior to various phases of the work.*

General work hours will be from **7:00 AM** until **5:00 PM**.

Si desea que esta notificación sea traducida en Español, por favor comuníquese con Angel Morales al (860) 278-7850 Ext 3331 o directamente a su celular (860) 818-7206.

Schedules are subject to change based on weather conditions and unforeseen construction activities. MDC Staff, Contractors, and Consultants must be properly identified and show ID upon request.

If you have any questions or concerns, please contact:

**Jeff Passardi, Construction Manager at  
(860) 209-9438  
[jpassardi@themdc.com](mailto:jpassardi@themdc.com)**

After hours, please contact the MDC Command Center at (860) 278-7850 ext. 3600

# Project Outreach (Cont.)

- Met with Mary Zeman (Bushnell Park Conservancy Manager)
  - Confirmed route of bypass piping and location of ramps
  - Confirmed MDC's commitment to install planters near bypass ramps
    - To be completed by Knox
  - Coordinating with schedule of events in Bushnell Park
    - Draft List included in Work Plan. Coordination on-going with Mary Zeman
    - Target completion by end of June
      - Capital Groove Concert on June 29<sup>th</sup>
- Additional Project Outreach:
  - MDC will be placing signs at various entrances to the park showing locations of piping and ramps
    - Will consult Mary Zeman on locations

## Events

### Make time to visit Bushnell Park

Get out and enjoy a picnic in the park, ride the carousel, run a race, or just relax...

#### Bushnell Park Carousel

[Click here for updated hours](#)

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#### Mayor's Day at the Carousel

Sunday, May 3 – 12-5pm

FREE carousel rides & more

\*\*\*\*\*

#### Free Movies in the Park

July 26, August 16 & 30

More details coming

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## Ongoing Events

Tour of the Soldiers and Sailors Memorial Arch

Thursdays, May-October - 12-1:30pm

Tours lasts 20-30 minutes; no reservations needed unless you are a group of 6 or larger. Larger groups, send an email ([manager@bushnellpark.org](mailto:manager@bushnellpark.org)) to reserve your time.

## Special Events of Interest

*Please click on links for more information, as these are not Bushnell Park Conservancy events. All information should be on organizers websites.*

[April 21- Miles for Migraines](#)

[April 27 - PanCAN Purple Stride](#)

[April 28 - 2nd Annual Superhero Sunday](#)

[June 29-30 - The Capitol Groove](#)

[July 19-21 - Greater Hartford Festival of Jazz](#)