



Bureau of Public Works

Agenda Item 6:

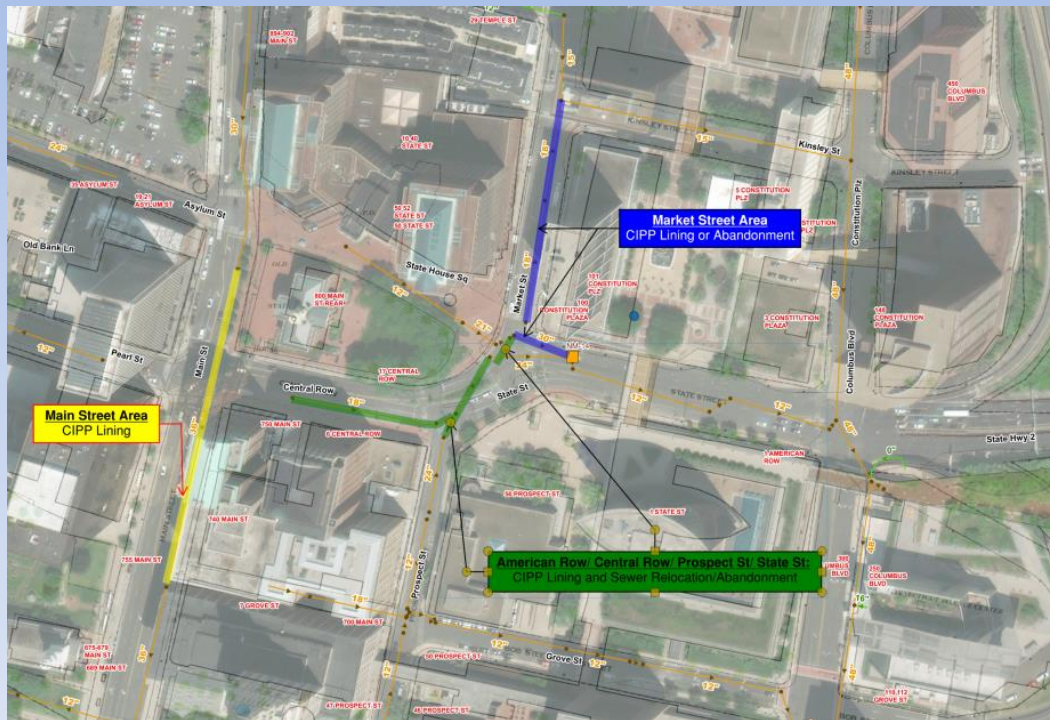
Large Diameter Sewer Rehabilitation Project Phase 3A, Part 1 – Central Row Area Sewer Improvements

October 27, 2025

Presentation Agenda

Agenda

- Large Diameter Phase 3A Background
- **Central Row Area Work**
- **Main Street Area Work**
- **Market Street Area Work**

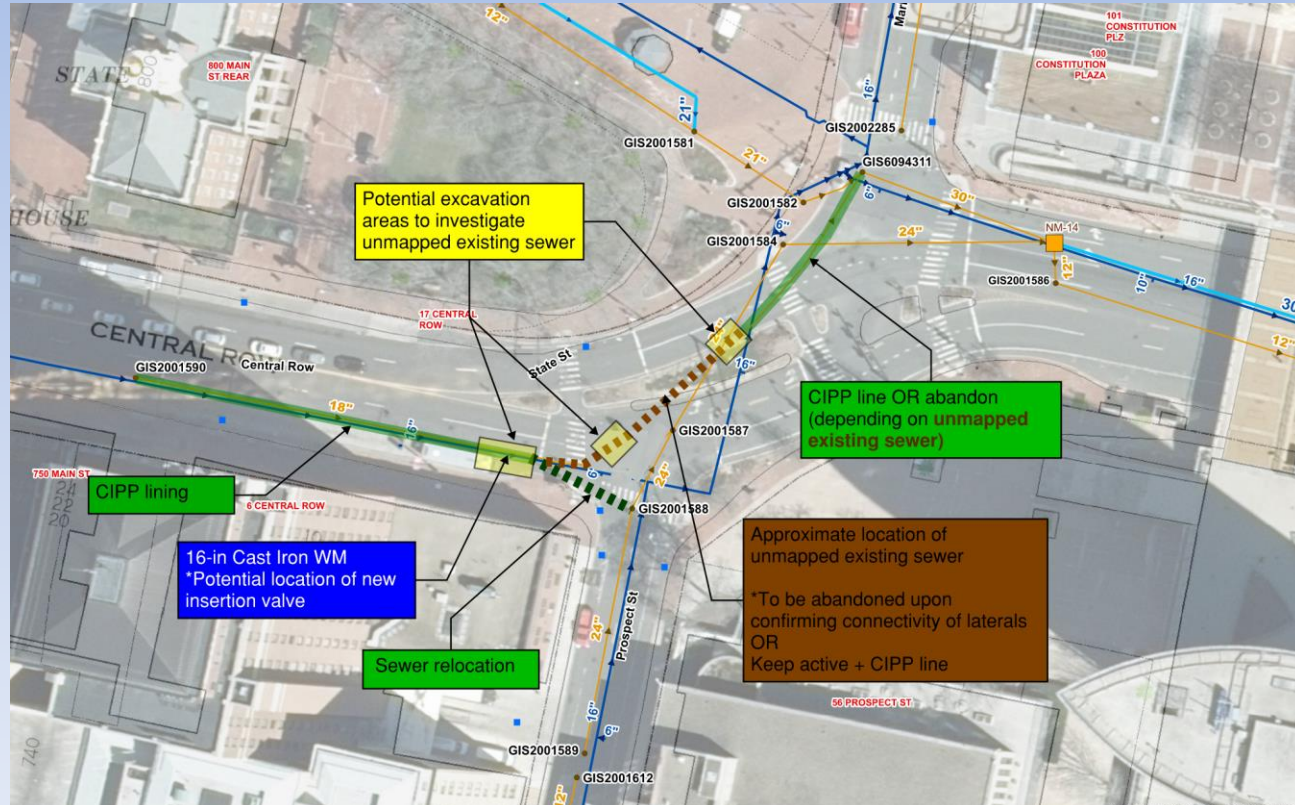


Project Background/Purpose

- Contract: Large Diameter Sewer Rehabilitation Phase 3A in Hartford
- Consent Order Project
 - Several phases of critical Large Diameter Sewer Rehabilitation, with Phase 3A
 - Part 1 (currently in construction) \$3.5M - **Contract #2023B-04**
 - Part 2 (currently in the bidding phase) \$4.0M
 - Part 3 (currently in design) estimated \$10.5M
- CSO Grant/Loan DEEP Funding
- \$18.0M for all three parts, which includes ~ 40,000 LF Cured In Place Pipe (CIPP)
- Rehabilitation of the brick sewer mains installed (1863 to 1928) in Hartford
- Substantial Completion: Part 1 – December 2025
- Key project efforts:
 - Address Urgent Structural Failures of the Pipe
 - CIPP lining of the existing Brick/Tile Sewer Mains
 - Install new PVC sewer where practicable
 - Handle the traffic matters such as CT Transit, Pedestrians & Street Traffic
 - Outreach to Stakeholders

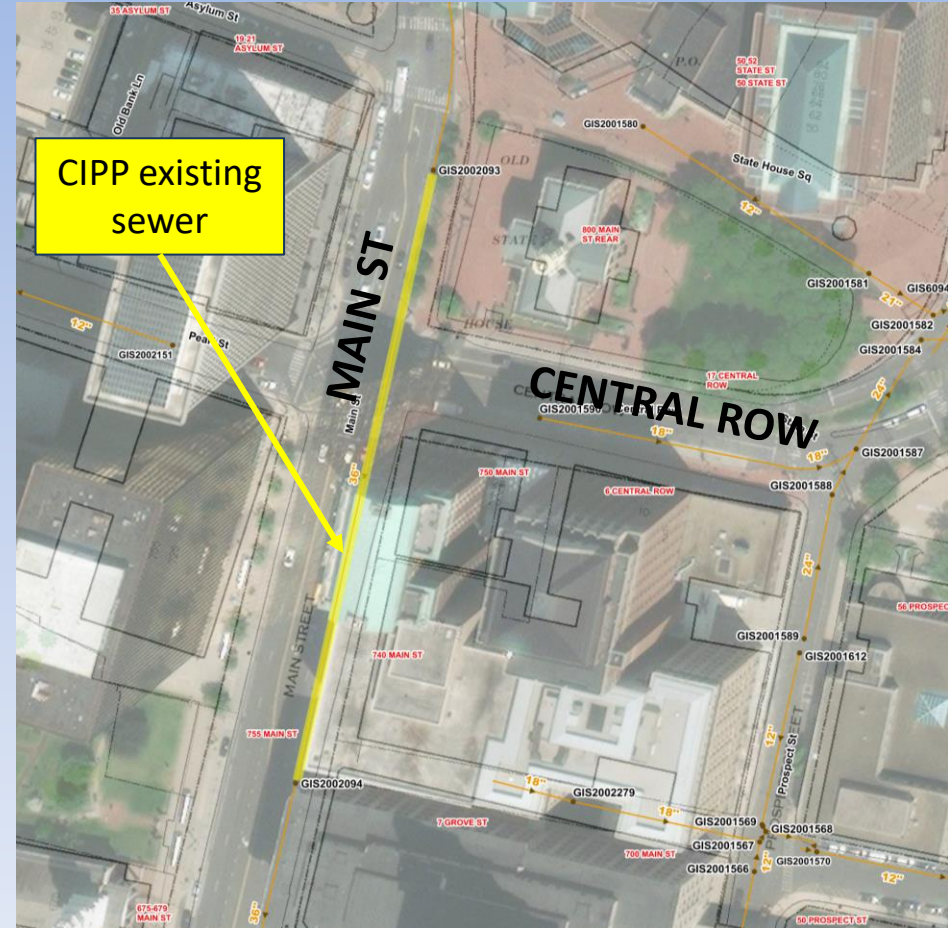
Central Row Area

- Test pits to verify grade/alignment of existing brick sewer and determine utility conflicts
- Excavation for access to CCTV the existing brick sewer under the utility vault to the collapsed sewer under the traffic island
- Install insertion valve on 16-in water main
- Install new sewer main (~75 feet) from Central Row to Prospect Street
- Relocate any laterals from the old brick sewer to the 24-in sewer main at Prospect Street
- **Schedule:** Starting Nov 3rd, construction time is ~ 3 weeks



Main Street 36in Sewer Main Rehabilitation (CIPP Lining)

- Install CIPP liner ~535 feet from Old State Building to Travelers' Building
- Remove and replace the top section of the manhole to install 36in liner
- Contractor to install new liner (long cure time – 16 Hours)
- Restore 43 lateral connections.
- Rehabilitate manholes
- **Schedule:** starting early December, construction time is ~ 5 days



Market Street - Abandonment/Rehabilitation

- Investigation Options

- Option #1: Abandonment**

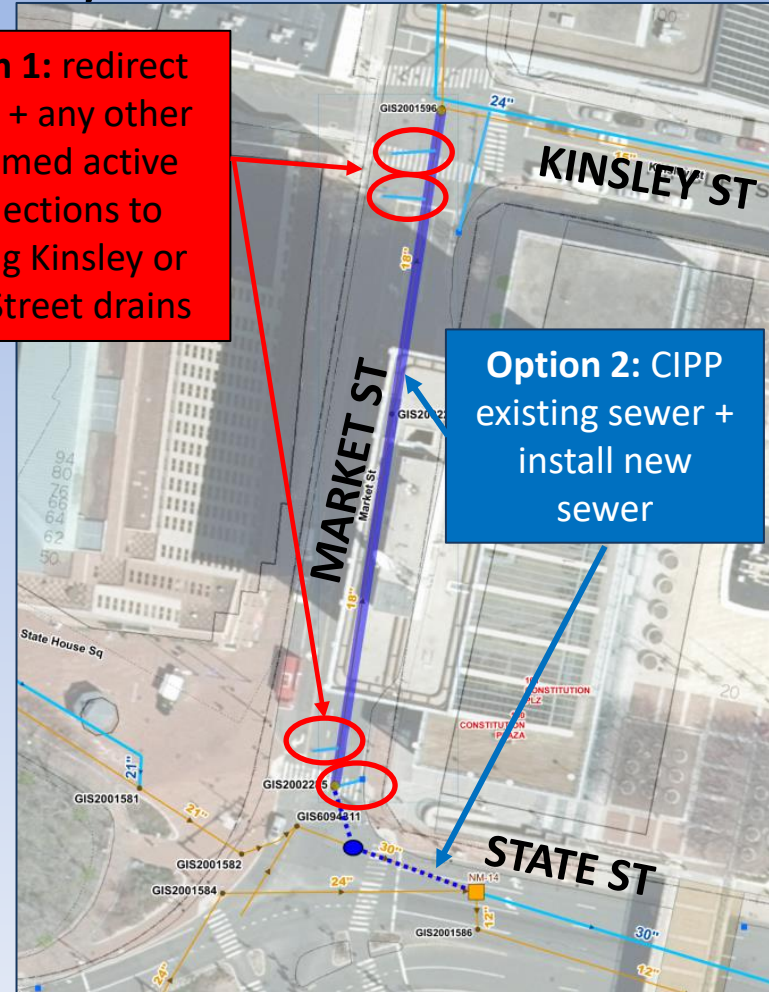
- MDC to hire Contractor to CCTV the laterals from the main to confirm active sewer connections.
- Provide new outlet connections to all active sewer laterals discovered during the investigation.

- Option #2: Rehabilitation & Repair**

- CIPP line two sections of the brick sewer main to State Street, ~500 feet
- Install new sewer main (130 feet) from the end of Market Street to State Street
- **Schedule:** starting in December, construction time is ~ 3 weeks

Option 1: redirect circled + any other confirmed active connections to existing Kinsley or State Street drains

Option 2: CIPP existing sewer + install new sewer



Project Outreach

- **Meeting with COH staff – October 2025**
 - Coordination of paving with City of Hartford
- **Outreach Meeting – 2025**
 - CT Transit
 - COH Traffic & Permits
 - MDC Outreach Door to Door Communication to local businesses
 - Stakeholders meeting hosted by the Travelers scheduled for 10/30/25
- **Outreach Notices distributed week of 10/27/25**
 - COH Communication and Hartford City Council
 - Other Stakeholders within Project Area
- **Variable Message sign to alert with the following message:**
 - “ Central Row Detour
Begins Nov 3
10AM-6PM ”*

Central Row Traffic Detour Plan

