



Integrated Plan Implementation Quarterly Report

Q1 2025:
January 1 to March 31, 2025

June 12, 2025



Meeting Agenda

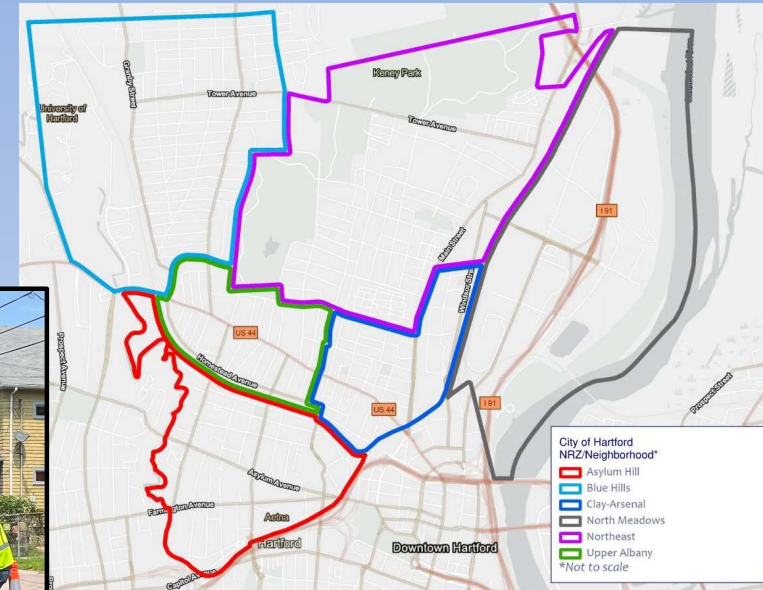
- Welcoming Remarks
- Introductions
- Quarterly and annual update on MDC's Integrated Plan, with current focus on North Hartford
 - Quarterly Report from January 1, 2025 to March 31, 2025 (Q1 2025)
 - An update on projects completed and under construction
 - A schedule for projects under construction or yet to start construction
 - A status of use of minority and disadvantaged business enterprises, including efforts and success at recruiting labor and contractors from the area where projects are or will be occurring
 - Next Quarterly Report Meeting - September 11, 2025; covering period of April 1, 2025 – June 30, 2025 (Q2 2025)
- Public Comments and Questions

Presentation Outline

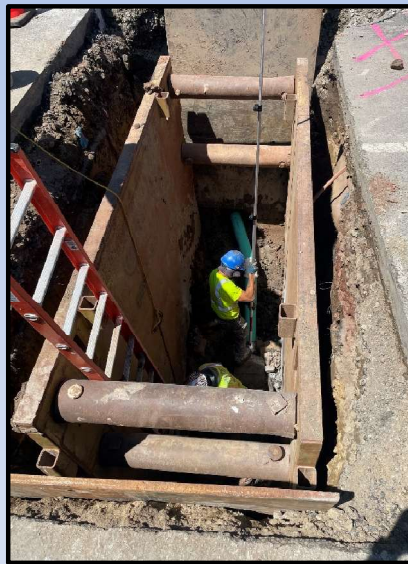
- Background on focus area (North Hartford)
- Quarterly and Annual Consent Order (CO) reporting requirements
- Overview of CO projects in:
 - North Hartford
 - Hartford (outside of North Hartford)
 - Outside Hartford
- Update on key performance indicators
- MDC's recruiting efforts for Small, Minority, Women and Disadvantaged Businesses (SBE, MBE, WBE, DBE) and Local Labor
- Closing remarks

The North Hartford Area

MDC listened to the North Hartford Community and responded with an altered program that provides immediate community benefit




Point repair
(Project: Sewer & House
Connection Rehabilitation in
North Branch Park River Area)




Lateral repair
(Project: Sewer & House
Connection Rehabilitation in
North Branch Park River Area)



Mainline CIPP
(Project: Gully Brook
Area Sewer & Lateral
Rehabilitation/Repair)




State of Connecticut
Ned Lamont, Governor
Department of Energy and Environmental Protection
Katie S. Dykes, Commissioner




Gully Brook Area Sewer & Lateral Rehabilitation/Repair

Environmental Protection for The Metropolitan District



the choice is clear

MDC



\$20,373,770.00 Contract Total
\$10,177,885.00 State & Federal Grant
\$9,895,624.35 State & Federal Loan
\$300,260.65 Local Share

From the
Connecticut DEEP Clean Water Fund

Consent Order Modification Reporting Requirements

Quarterly and Annual Reporting Required under Consent Order Modification

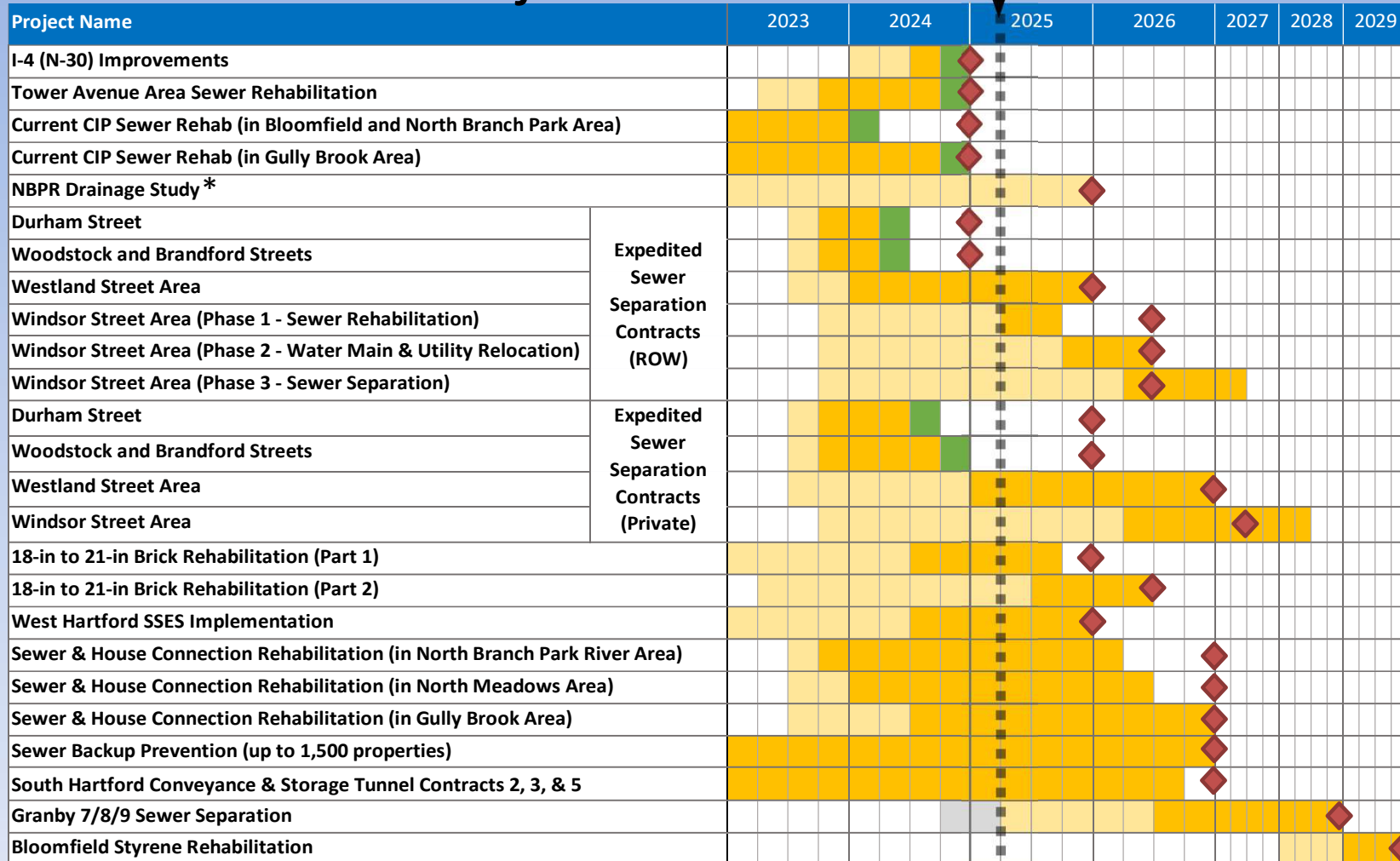
- 1) An update on projects completed and under construction
- 2) A schedule for projects under construction or yet to start construction
- 3) A status of use of minority and disadvantaged business enterprises, including efforts and success at recruiting labor and contractors from the area where projects are or will be occurring
- 4) Other items as requested by Commissioner
 - *None received this quarter*

Other Items Voluntarily Included by the MDC

- MDC committed to 30% Hartford based workforce for North Hartford work associated with Consent Order modification
 - 30% based on similar City of Hartford goal on municipal projects

Consent Order Projects & Timeline

*To view bids, please visit: <https://themdc.org/ebid>



◆ Consent Order Deadline

* Partial Draft submitted in 2024

Preliminary Design
 Final Design
 Construction
 Completed

Consent Order Project Schedule Update

Windsor Street Area Expedited Sewer Separation

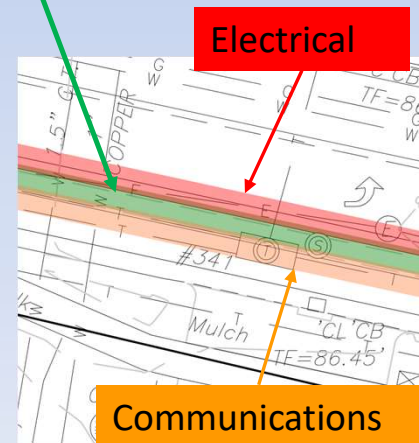
- Extensive utility relocation needed for new drain
- Rehabilitation of existing sewer needed prior to new drain work, to ensure existing sewer is not compromised by new drain installation/excavation
- Project is being separated into 3 phases
 - Phase 1: Rehabilitation of existing sewers (Q2 2025)
 - Phase 2: Replacement of existing water main & utility relocation (Q4 2025 construction start)
 - Phase 3: Install new drain (Q4 2026 construction start)



Sewer that needs to be replaced

18-in to 21-in Brick Rehabilitation

- 52,000 feet of sewer rehabilitation planned, among the oldest and most problematic sewers in the system
- 43,000 (83%) feet either rehabilitated in Part 1, in a planned contract (including Part 2), or completed via other Contracts
 - Completed by CO Milestone (7/1/26)
- Remaining 9,000 feet: substantial utility conflicts under review – will become Part 3 and/or other projects (example: water + sewer)



Expedited Sewer Separation Program – Example Construction Progress Photos



Sewer Main Rehabilitation
(Project: Sewer & House
Connection Rehabilitation in
Gully Brook Area)



Lateral Repair
(Project: Sewer & House
Connection
Rehabilitation in North
Meadows Area)

Durham Street Sewer Separation Project



Project Overview

The Durham Street Sewer Separation Project construction began in July 2023, with on-call contracting process and included the installation of new storm drains and stub connections, along with the lining of sewer mains and installing new manholes and catch basins. The project was completed in July 2024 (a year and a half ahead of schedule) and is part of MDC's Integrated Plan with CT DEEP, an effort to improve the efficiency and reliability of the sewer system in the area.

\$1.9M in sewer improvements

\$276K additional water main improvements

38% of workforce hours were Hartford residents



Private Property Work

Sewer Backup Prevention: Installation of backwater valves, check valves, and sump pump

Sewer Inflow Separation: Lining sewer laterals and adding gutters and yard drains to manage water flow and prevent sewer system overload.

Project Outreach

Project outreach by MDC staff and contractors was key to keeping residents informed throughout the construction process for both public right of way and private property improvements. This constant communication was important not just for the construction improvements but also the restoration of the road, sidewalks, lawns and tree planting.



Work Completed

- 1234 feet of main line sewer lined
- 21 sewer laterals/private house connections lined
- 1401 feet of main line storm installed
- 730 feet of new water main installed

- 16 new water services installed
- 21 basement assessments completed
- 18 backwater valves installed
- 16 private property storm laterals installed



Expedited Sewer Separation Program - Example Construction Progress Photos



Project: Woodstock and Branford Streets Expedited Sewer Separation

Prior to improvements: Roof leader from gutters enters basement and connects to sewer

After improvements: Roof leader from gutters diverted to new storm lateral and new sump pump to pump internal/foundation drains to new storm lateral



Project: Woodstock and Branford Streets Expedited Sewer Separation

Example of new storm lateral installed for roof leaders and sump pump connection

Consent Order Projects: NRZ Impact and CSO Reduction

Project Name		Neighborhood Revitalization Zone and/or Neighborhood	1 Yr CSO Reduction (MG)	Typical Year CSO Reduction (MG)
Current CIP Sewer Rehab (in Bloomfield and North Branch Park Area)		Blue Hills, Clay Arsenal, South Downtown, South Behind the Rocks	0.2	2.4
NBPR Drainage Study		Blue Hills, West End, Asylum Hill	*	*
Sewer & House Connection Rehabilitation (in North Branch Park River Area)		Blue Hills	0.9	11.5
Granby 7 Sewer Separation		Blue Hills	0.4	3.8
Granby 8 Sewer Separation		Blue Hills	0.3	3.4
Granby 9 Sewer Separation		Blue Hills	0.4	3.6
Durham Street	Expedited Sewer Separation Contracts (ROW)	Blue Hills	0.1	1.2
Woodstock and Brandford Streets		Blue Hills	0.1	1.4
Westland Street Area		Northeast	0.4***	4.5***
Windsor Street Area		North Meadows	1.1	14.3
Expedited Sewer Separation Contracts (Private Property Work)		Blue Hills, Northeast, North Meadows	**	**
Sewer & House Connection Rehabilitation (in Gully Brook Area)		Northeast	0.9	11.0
Tower Avenue Area Sewer Rehabilitation		Northeast	0.2	3.0
Sewer & House Connection Rehabilitation (in North Meadows Area)		North Meadows	1.0	28.4
Current CIP Sewer Rehab (in Gully Brook Area)		Asylum Hill, Clay Arsenal, South Behind the Rocks	1.3	10.0
18-in to 21-in Brick Rehabilitation (Part 1 and Part 2)		Asylum Hill, Clay Arsenal, South End, Marg	0.8	7.0
I-4 (N-30) Improvements		West End	<0.1	<0.1
Sewer Backup Prevention (up to 1,500 properties)		All North Hartford NRZs/Neighborhoods	**	**
South Hartford Conveyance & Storage Tunnel Contracts 2, 3, & 5		South End, Marg, South Behind the Rocks	3.8	21.9
West Hartford SSES Implementation		N/A	0.2	1.2
Bloomfield Styrene Rehabilitation		N/A	<0.1	<0.1


*CSO Reductions for the NBPR Drainage Study included in individual Granby Separation Contracts

** CSO Reductions associated with Private Property Improvements included in associated ROW project reductions

*** Values were updated based on revised runs to include additional separation

COMPLETED REDUCTION TO DATE

1.9 MG (15%) 18.0 MG (14%)

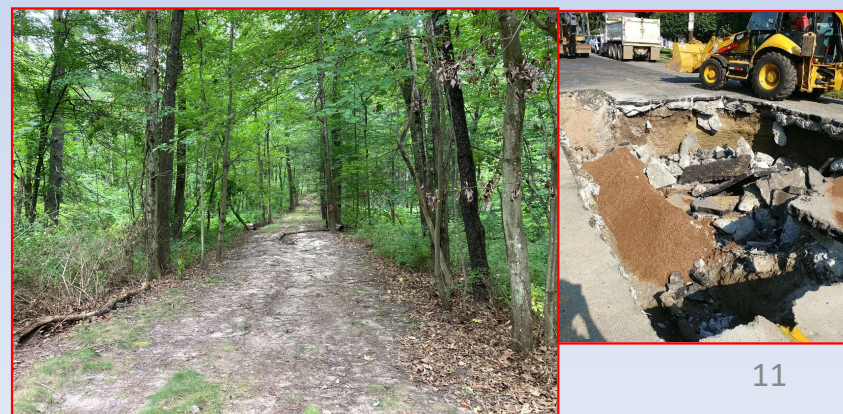
 Completed

Additional Sewer Improvement Projects

Non-Consent Order (2019 through Q1 2025)

- Clearing Sewer Easements on Private Property
 - Completed = Bloomfield, Rocky Hill, East Hartford, Windsor
 - In progress = Newington
 - Wethersfield, West Hartford, and Hartford starting in Q3 of 2025
- Easement Sewer Rehabilitation
 - Bloomfield Phase 1 completed, subsequent phases in design
 - Other Member Towns to be evaluated/scheduled
- On-Call Sewer Rehabilitation/Repair
 - 257,000 feet sewer main rehabilitated from 2019 to 2024; 3,000 feet of sewer main in Q1 2025
 - Sewer main and laterals rehabilitated in Member Towns
 - In 2025 Q1: work performed in Bloomfield, East Hartford, Hartford, Rocky Hill, Wethersfield, and West Hartford
 - In all of 2024: work performed in every member Town
 - Asset management/paving program coordination

Town	Easement Clearing Length (feet)
Bloomfield	98,000 (completed)
Rocky Hill	59,100 (completed)
East Hartford	66,200 (completed)
Windsor	132,300 (completed)
Newington	51,300 (in progress)
Hartford	55,800 (2025-2027)
West Hartford	54,300 (2025-2027)
Wethersfield	59,200 (2025-2026)
Total (feet)	576,200
Total (miles)	109



North Hartford Project Overall Status

PROJECT STATUS

Preliminary Design

Final Design

Construction

Completed

PROJECT TYPE



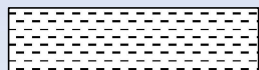
Sewer Separation



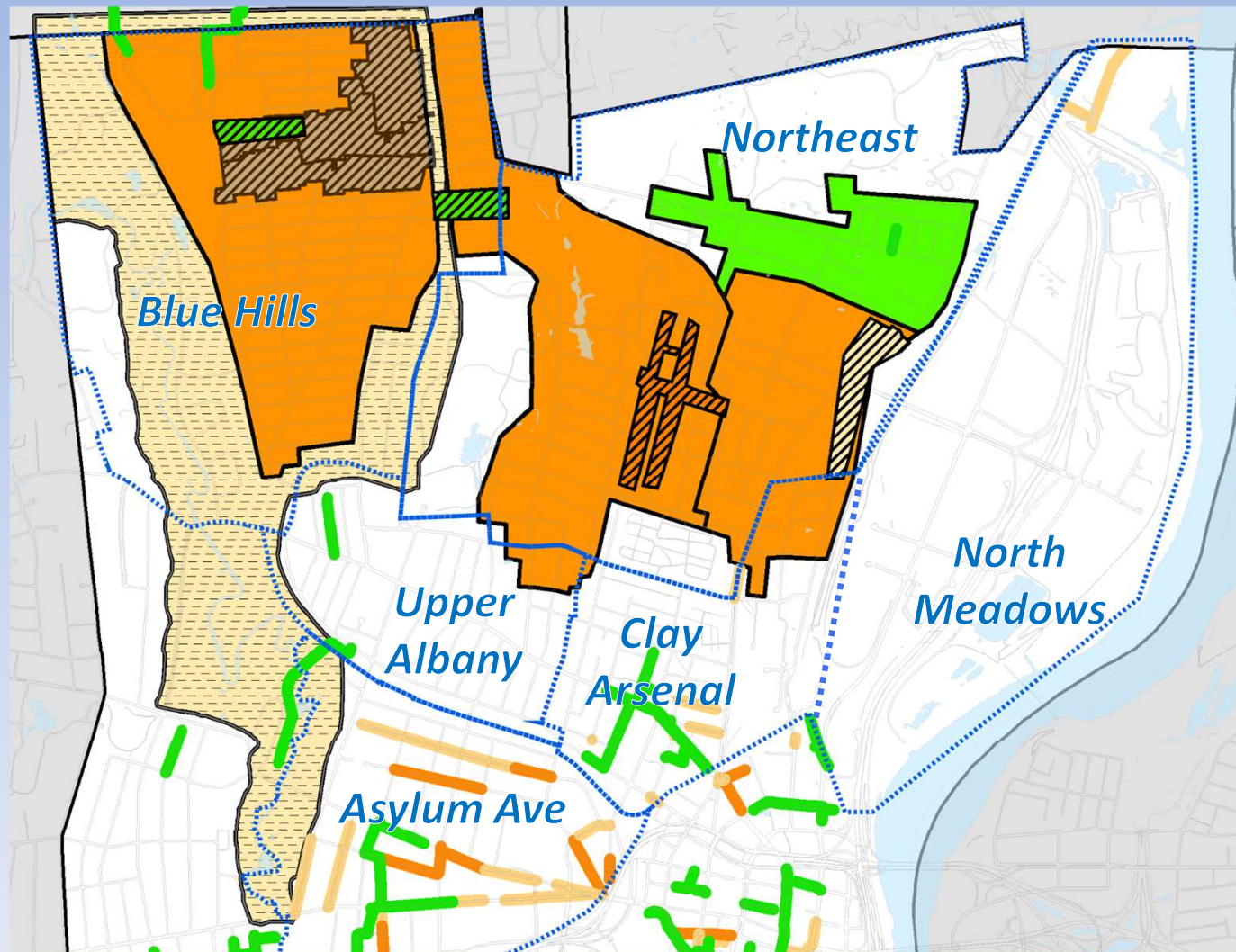
Sewermain Rehabilitation



Sewermain & Lateral Rehabilitation



Drainage Study



Consent Order Projects (as of 3/31/25): North Hartford

Sewer & House Connection Rehabilitation (in North Branch Park River Area):

Rehabilitation of sewer mains and house connections upstream of CSOs N-2 and N-4

Expedited Sewer Separation Contracts (ROW):

Construction of storm drains in streets
(Additional separation added per MDC review)

Expedited Sewer Separation Contracts (Private):

Private property storm separation (to follow ROW Separation Contracts)

North Branch Park River Drainage Study:

Evaluating the North Branch Park River and surrounding sewer and drainage infrastructure in support of future river improvements and sewer separation

Granby 7/8/9 Sewer Separation:

Sewer separation with new storm drains and private property disconnections (final location based on North Branch Park River Study)

Tower Avenue Area Sewer Rehabilitation:

Rehabilitation of sewer mains and house connections upstream of CSOs NM-2, NM-3, and NM-4

Sewer & House Connection Rehabilitation (in North Meadows Area):

Rehabilitation of sewer mains and house connections upstream of CSOs NM-5, NM-6, and NM-7

Sewer & House Connection Rehabilitation (in Gully Brook Area):

Rehabilitation of sewer mains and house connections upstream of CSO G-13W

Preliminary Design
 Final Design
 Completed
 Construction

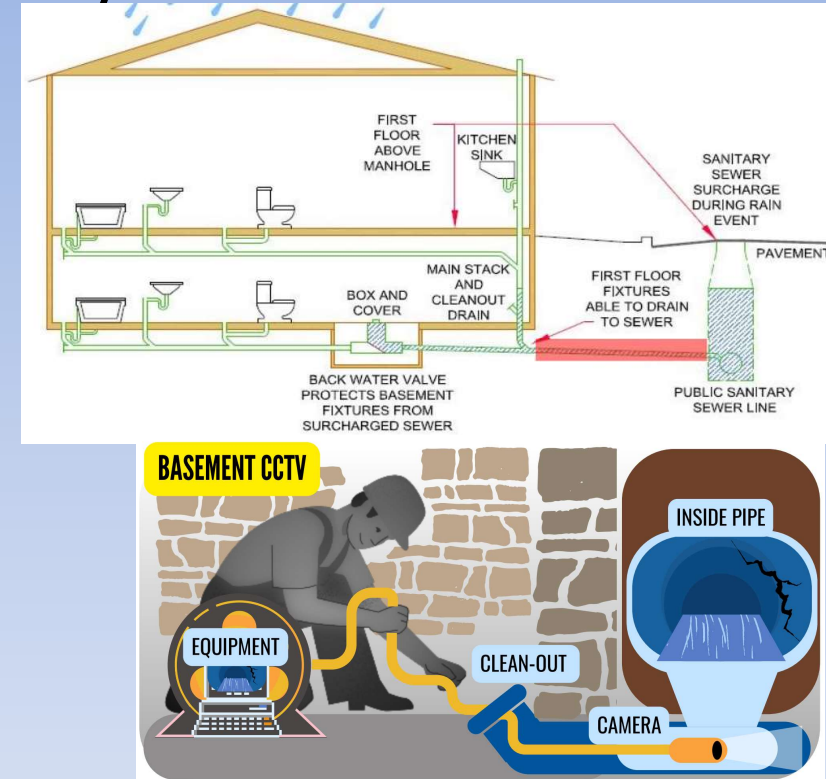
Consent Order Projects: Private Property Benefit

Sewer Backup Prevention Program (“Backwater Valve Program”)

- Separates homes’ foundation drains (via installing sump pumps) and gutters from the sewer system, reducing surcharging during wet weather
- Install backwater valves & sump pumps, etc. to prevent basement backups, **District-wide; at no cost** to property owner.
- \$12.2 million (up to 1,500 homes) for North Hartford properties (Consent Order project)
- <https://themdc.org/utility-services/backwater-valve-program/>
- To **schedule a free assessment** of your property, contact MDC Utility Services at **(860) 278-7850, ext. 3123**

Sewer House Connection Program – voluntarily included by MDC

- MDC Board initiative to provide same benefit **District-wide** that was being offered to North Hartford residents
- Emergency and non-emergency maintenance and inspection services **at no cost** to the property owner
- Provides funding for renewal of the house connection, if needed
- <https://themdc.org/utility-services/sewer-house-connection-program/>



Contractors for both programs are anticipated to be all SBE (Small Business Enterprise)

Example Sewer Backup Prevention Program Improvements



Prior to improvements:

Washing machine drain line and old BWV pit
with no protection

- Previous washing line
- New washing machine line protected by check valve
- New cleanout
- Previous BWV pit
- New sump pump in old BWV pit



After improvements:

Check valve installed to protect washing machine; new cleanout installed; new sump pump to replace the old BWV pit

Example Sewer Backup Prevention Program Improvements



New double bay plastic sink and drain piping (new check valve also installed not in photo)



New sump pump (with battery backup) and new BWV inside irrigation style box



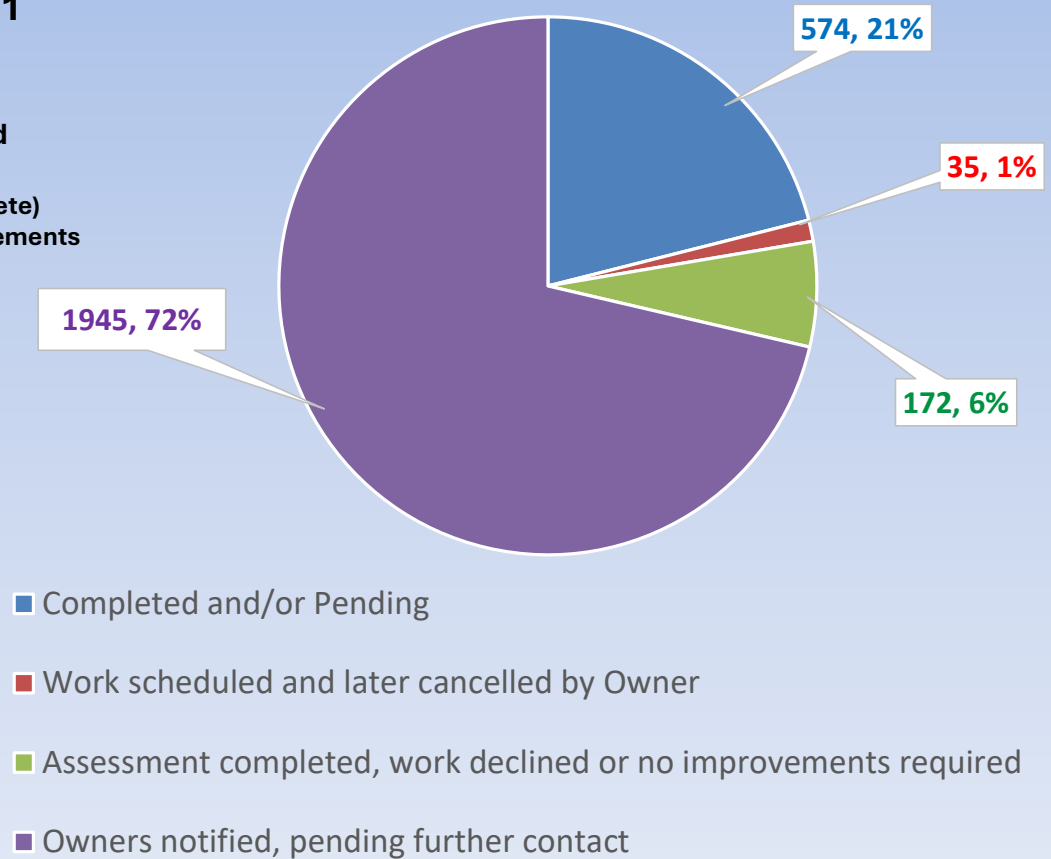
Sump pump discharge to lawn

Sewer Backup Prevention Program (SBPP) in North Hartford

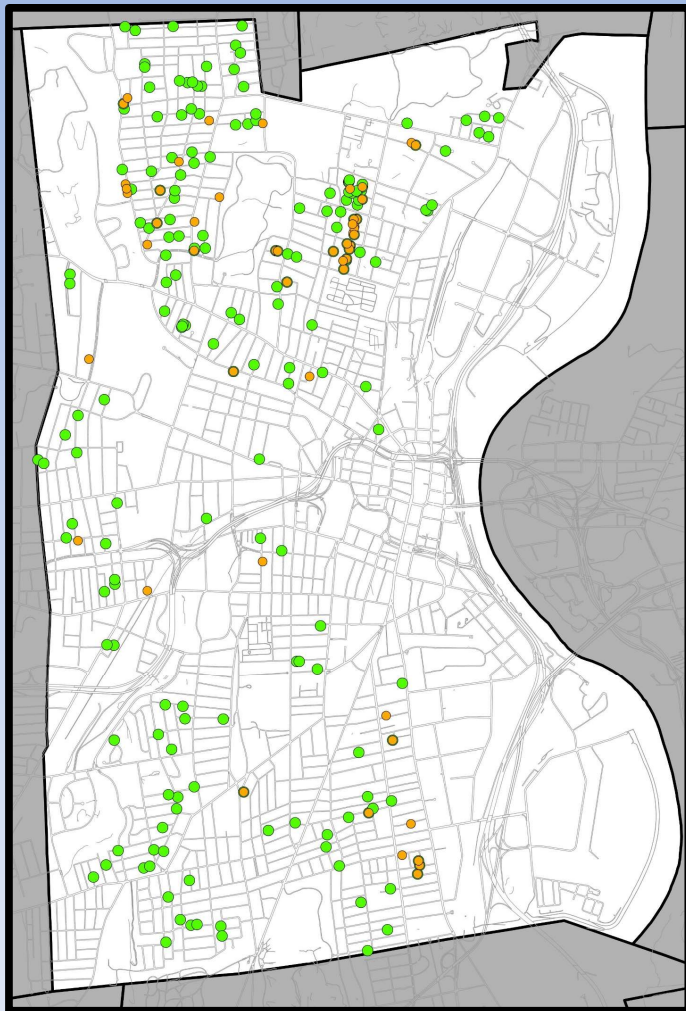
Project Name	2023	2024	2025	2026	2027	2028	2029
Sewer Backup Prevention							

Total North Hartford SBPP Q3 2023 through Q1 2025:

- 2,726 Properties contacted
- 781 Properties responded/assessments completed
- 609 Properties with recommended improvements
 - Goal of 1,500 properties by end of 2026 (41% complete)
 - 35 Properties declined work by Owner after Improvements scheduled by MDC



Sewer Backup Prevention and Sewer House Connection Programs



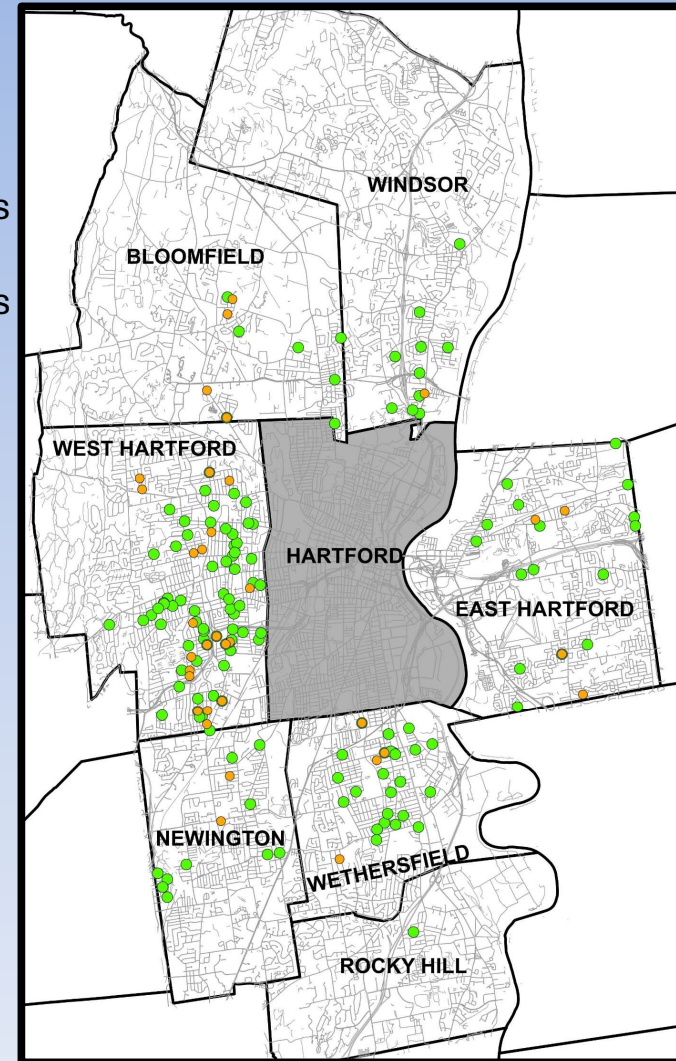
2025 Q1 Properties that Participated*

● 368 Sewer Backup Prevention Properties

● 111 Sewer House Connection Properties

(479 Total Properties “Touched”)

* Includes all properties that responded, scheduled appointments, received assessments, had improvements recommended, and/or had work completed. See Slides 23 & 24 for quantities of Improvements completed.



Consent Order Projects (as of 3/31/25): Outside of North Hartford

Current CIP Sewer Rehab (in Gully Brook Area):

Rehabilitation of sewer mains and house connections



Current CIP Sewer Rehab (in Bloomfield and North Branch Park River):

Rehabilitation of sewer mains and house connections

I-4 (N-30) Improvements:

Rehabilitation of sewer mains downstream of CSO I-4 (N-30)

18-in to 21-in Brick Rehabilitation (Part 1)

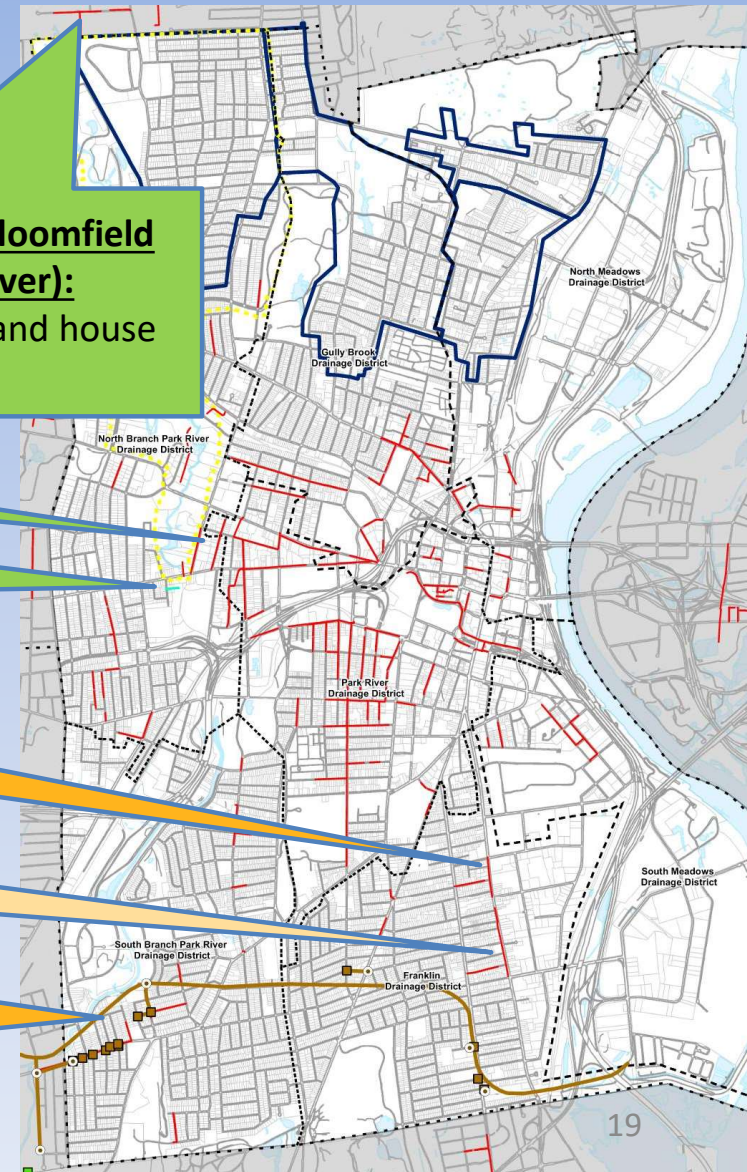
Rehabilitation of brick sewer mains

18-in to 21-in Brick Rehabilitation (Part 2)

Rehabilitation of brick sewer mains

South Hartford Conveyance & Storage Tunnel (SHCST) Contracts 2, 3, & 5:

Construction of the SHCST, drop shafts, consolidation conduits and dewatering PS



Final Design

Completed

Preliminary Design

Construction

Sewer Rehab

Consent Order Projects (as of 3/31/25): Outside of Hartford

Bloomfield Styrene

Rehabilitation:

Rehabilitation of styrene rubber sewer mains

Bloomfield and North Branch Park River Area

Sewer Rehabilitation:

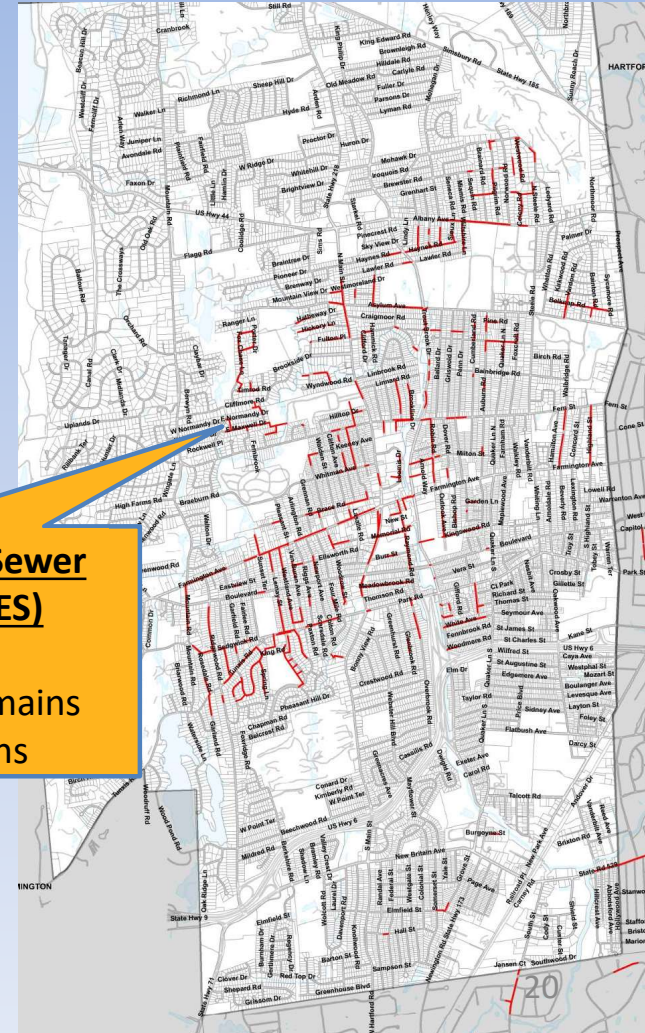
Rehabilitation of sewer mains and house connections

West Hartford Sanitary Sewer Evaluation Survey (SSES)

Implementation:

Rehabilitation of sewer mains and house connections

- Not Yet Started
- Preliminary Design
- Final Design
- Construction
- Completed
- Sewer Rehab



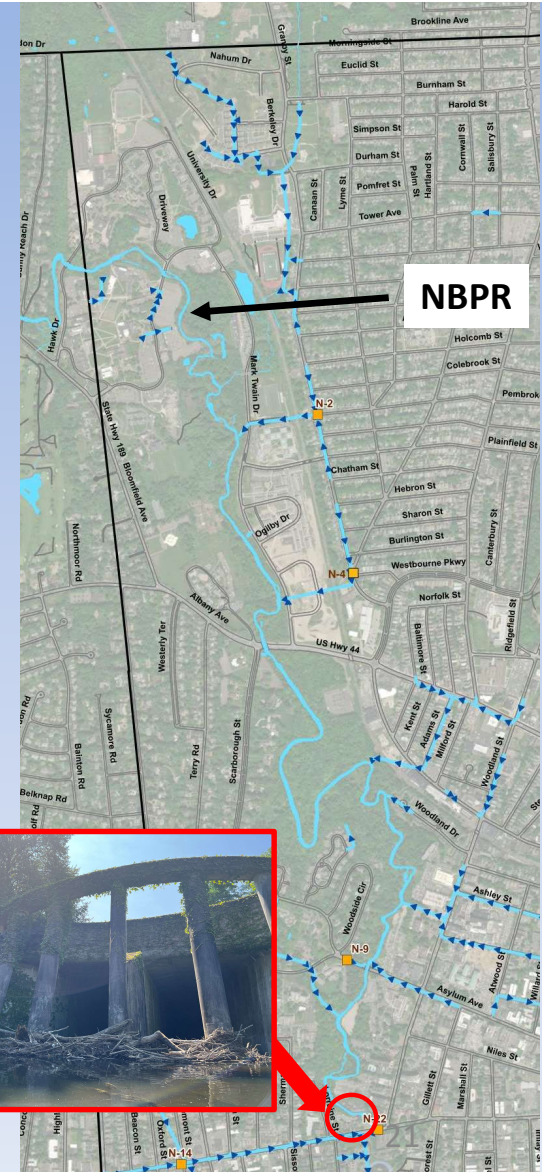
North Branch Park River Drainage Study Update

- **Update for 2025 Q1**

- Report summarizing NBPR River improvements finalized Q1 2025
- Sewer separation design report submitted to COH and MDC
 - Final revisions/comments still pending
 - Proceeding w/ separation conceptual designs – portions of design areas submitted to MDC/COH, with rest to be submitted in Q2 2025
- City and MDC: collaborating on a memorandum of understanding (MOU); will define the responsibilities, coordination, and projects to implement over the next several years
 - City projects include clearing debris/trees in the NBPR and Granby Street Conduit; completing preliminary design to further define long-term NBPR improvements
 - MDC projects include final design/construction of Granby sewer separation projects and new outfalls
- City continuing to inspect and clean City-owned drainage conduits

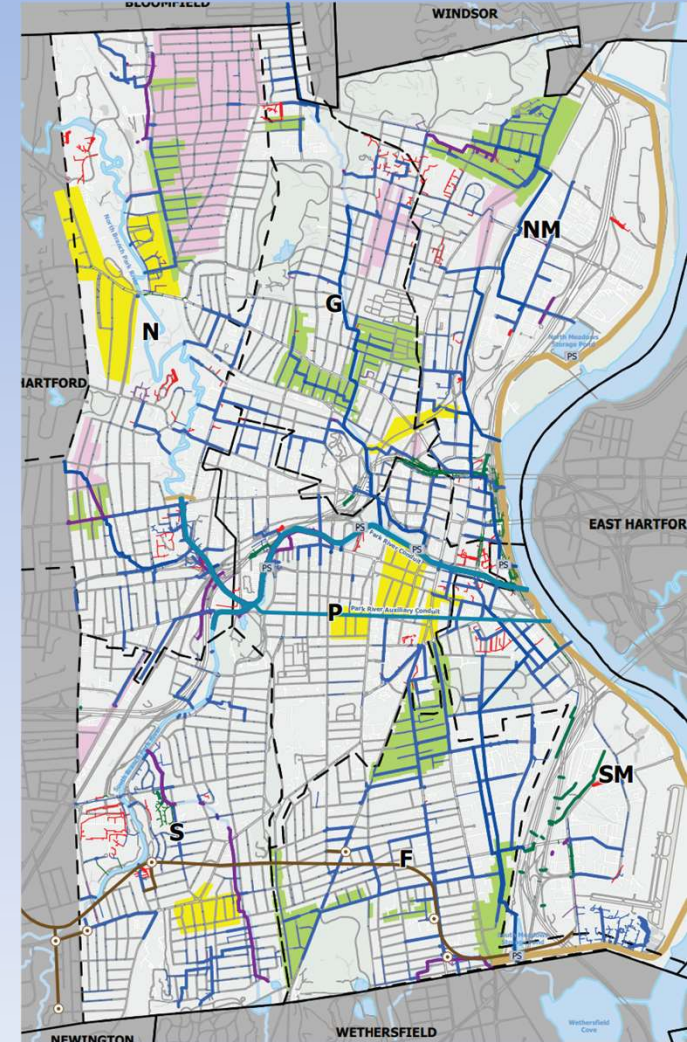
- **Importance of Study**

- NBPR has sediment buildup (i.e., from streets) and blockages (i.e., from downed trees); contributes to street and localized flooding and backups
- Study needed to determine
 - Required flood control and stream improvements (COH priority)
 - Approach to remove stormwater from sewers; eliminate CSOs (MDC priority)
- Short term improvements performed to date
- City cleaned Park River Conduit inlet
- Durham Street ROW and private property sewer separation complete



Hartford Drainage and Sewer Separation Study

- **City-wide drainage study to begin Q2 2025**
 - Similar to North Branch Park River Drainage Study
 - Will encompass remainder of City
- **Several efforts to improve understanding of drainage network**
 - CCTV of critical drains
 - Investigations of watercourses (rivers, brooks, swales, etc)
 - Extensive metering of storm drain flows
 - Hydraulic modeling improvements
- Includes conceptual layout of sewer separation throughout Hartford
- Will also advance proposed solution for the Franklin Ave / Wethersfield Cove contributing area to preliminary design level (**Consent Order requirement**)
- Scheduled to be completed by end of 2027
- Further updates to come in Q3 2025 presentation



Status of Projects: Key Performance Indicators (District Wide*)

Key Performance Indicators	Q1 2025 (Jan 1 through Mar 31)	2024 Annual (Jan 1, 2024 through Dec 31, 2024)	Total To Date (since 2019)
Storm drains or sanitary sewers installed (feet)	844'	1,485'	33,960'
Sewer mains rehabilitated (feet) (miles)	15,242' (2.9)	82,375' (15.7)	421,390' (79.8)
Sewer laterals inspected (# of properties)	1,940	5,054	10,186
Sewer laterals renewed (# of properties) (feet)	430 (13,875')	2,216 (72,522')	3,027 (98,637')
Backwater valve/surcharge protection (# of properties)	287	609	1,913
Private property internal disconnects (# of properties)	23	151	285
Sewer or storm laterals installed via separation (to property line) (# of properties)	0	115	115
Private property separation completed (# of properties)	0	50	50

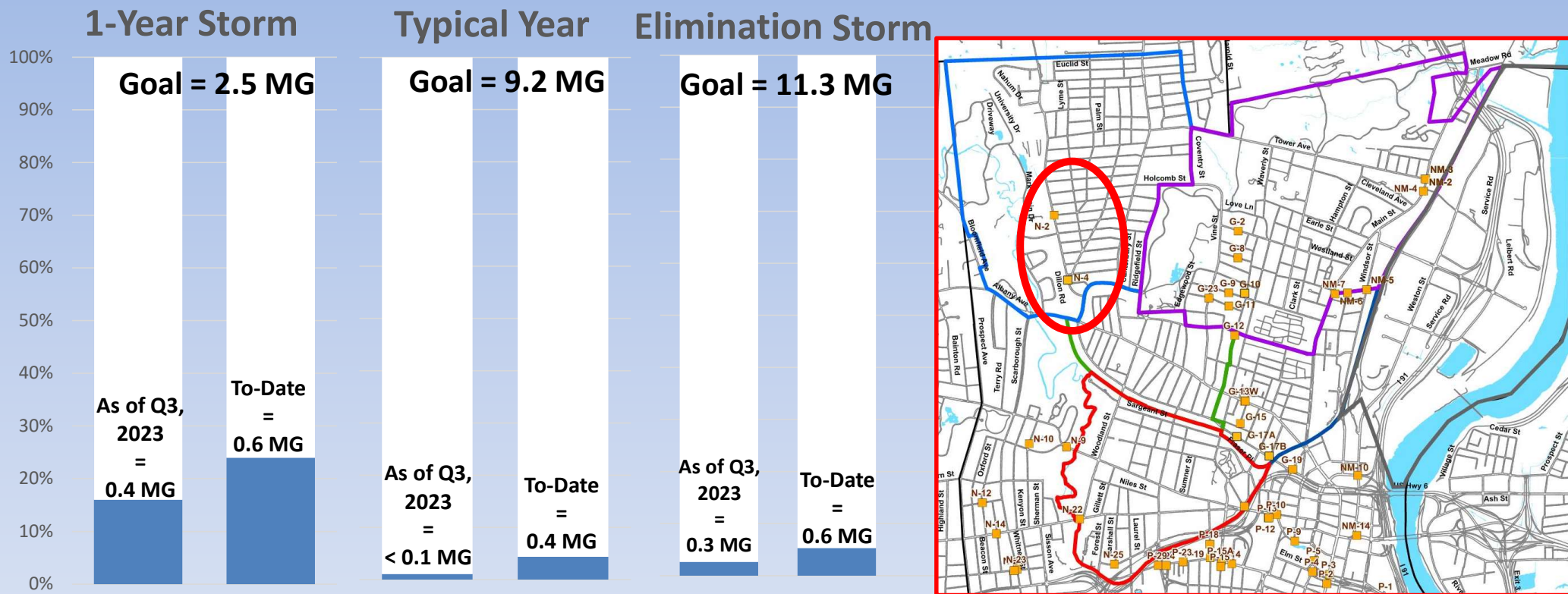
*Work in all Member Towns, including North Hartford

Status of Projects: Key Performance Indicators (North Hartford)

Key Performance Indicators	Q1 2025 (Jan 1 through Mar 31)	2024 Annual (Jan 1, 2024 through Dec 31, 2024)	Total To Date (since 2019)
Storm drains or sanitary sewers installed (feet)	844'	389'	10,364'
Sewer mains rehabilitated (feet) (miles)	7,549' (1.4)	38,422' (7.3)	83,840' (15.9)*
Sewer laterals inspected (# of properties)	760	2,246	3,429
Sewer laterals renewed (# of properties) (feet)	304 (9,913')	737 (27,000')	1,124 (41,478')
Backwater valve/surcharge protection (# of properties)	65	203	614
Private property internal disconnects (# of properties)	11	42	110
Sewer or storm laterals installed via separation (to property line) (# of properties)	0	115	115
Private property separation completed (# of properties)	0	50	50

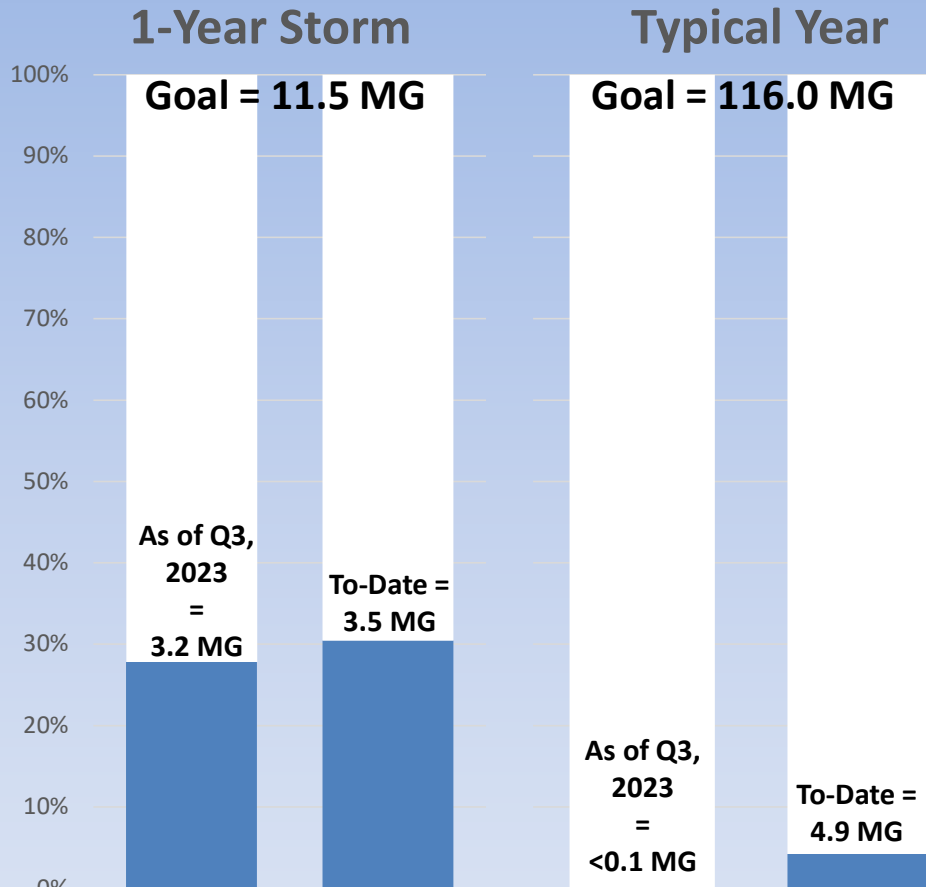
*Note that there is approximately 80 miles of sewer in North Hartford; therefore this is approximately 20% of the system²⁴

Status of Projects: N-2 and N-4 CSO Reduction



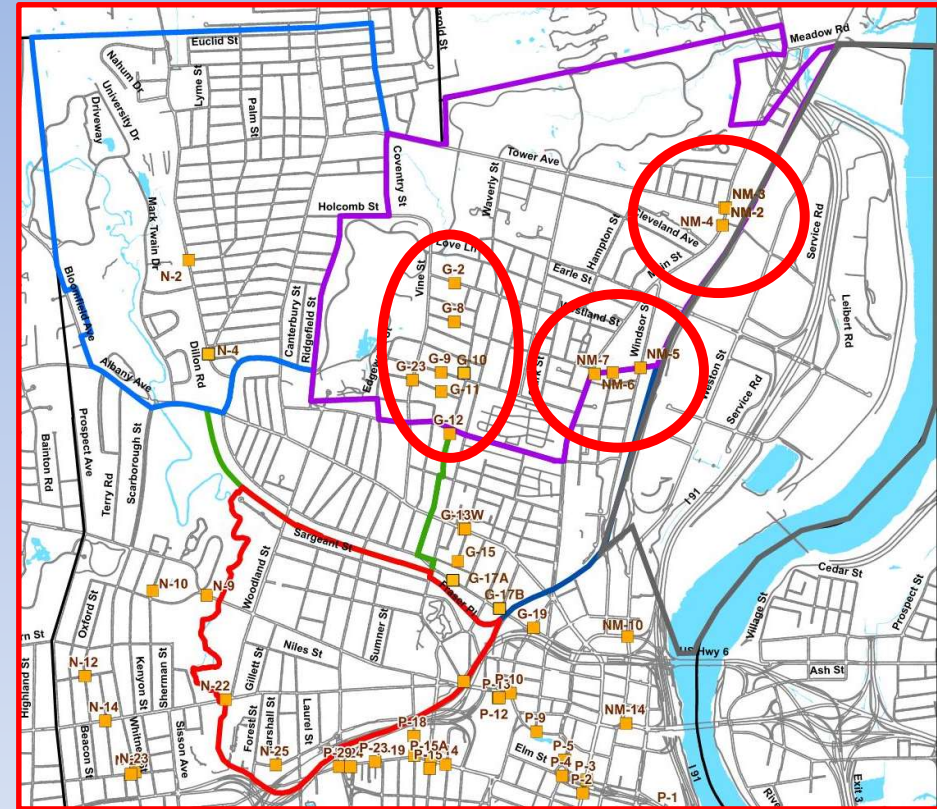
- Notes:**
1. Per the Consent Order, combined sewer overflows (CSOs) from N-2 and N-4 must be eliminated. Million gallon (MG) goals are per 2018 Integrated Plan.
 2. Q3 2023 represents the start of work completed under current Consent Order

Status of Projects: Gully Brook & North Meadows CSO Reduction



Notes:

1. Per the Consent Order, combined sewer overflows (CSOs) Gully Brook and North Meadows must be controlled to the 1-year storm. Goal represents the total million gallons (MG) of CSO that occurs in a 1-year storm and typical year.
2. Q3 2023 represents the start of work completed under current Consent Order



Community Outreach

Keeping people informed who live and work in the communities where construction is taking place is a critical component to the success of our projects.

- **Communication and Project Outreach**
 - On-going outreach is taking place for the House Connection (lateral lining) and Sewer Backup Prevention programs
 - Outreach is primarily conducted through mailings, door to door notifications and project meetings. Staff regularly attend local NRZ and Community Group Meetings as well.
 - View north Hartford projects and status: www.themdc.org
- **Outreach Office : 179 Barbour Street, Hartford**
 - The office is staffed Monday through Friday (M, W, F, 9:00 -1:00, Tu, 1:00-4:00, Th, 1:00-5:00)
 - The public is welcome to stop in for information on projects, schedules, and related activities.
 - Those interested in training and employment are either directed to our Contractor Career Development and Compliance team or to visit our website to view and/or apply for current MDC Job Openings at www.themdc.org



MDC's 2025 Strategy to Scale Small, Minority, Women and Disadvantaged Businesses (SBE, MBE, WBE, DBE)

- Contractor Certification & Registration Clinics (Ongoing Support)
 - Continued monthly clinics with CT DAS, CT Apex Accelerator, NAWIC, and UHart
 - Support provided for SAM.gov ID renewal and CT S/MBE certification
 - March session focused on writing winning Capability Statements
- Growth Phase: Scaling Minority Contractor Capacity
 - Launched HEDCO + MDC Contractor Growth Initiative
 - Provided business coaching, financial literacy, and credit-readiness support
 - Helped minority contractors transition from COD to net terms with suppliers
- Joint Venture Expansion with Prime Contractors
 - Continued Matchmaking for joint ventures on MDC projects
 - Continued support for contractor training / on boarding for W/MBE's for Backwater Valve(BWV), House Connection Program (HCP) or Utility Services work
- Contractor Standards & Field Training
 - Provided installation standards refresher for Backwater Valve and House Connection Programs
 - On-site reviews to ensure quality control and uniform work delivery

2025 Hands-On Certification Clinics

Small/Minority Business Enterprise (S/MBE) & System for Award Management (SAM)

Join us to review your S/MBE and SAM applications.

- Receive personalized assistance from the state's Procurement Division and CT APEX Accelerator.
- Completed certification helps companies build revenue and find potential new customers through growth and marketing opportunities.

SAM registration is a requirement for the CT S/MBE Certification.

*CT APEX Accelerator is offering additional training on:

- **March 12:** Capability Statement Workshop: Showcase Your Business to Win Contracts
- **June 18:** Cybersecurity Essentials: Protecting Your Business in the Digital Age
- **September 17:** Navigating State and Municipal Opportunities: Market Research for Success

Clinics are held on Wednesdays:

- February 19
- **March 12***
- April 16
- May 21
- **June 18***
- August 20
- **September 17***
- October 15
- November 19

Location:

The Metropolitan District (MDC) Training Center
125 Maxim Road
Hartford, CT 06114

Time:

12:00 PM—2:00 PM

Brought to you by Industry Partners



Pre-Registration is Required to Attend.



EMAIL: Kevin Nodwell at: kevin.nodwell@ct.gov.

**LUNCH IS PROVIDED.
NO COST TO ATTEND.
SPACE IS LIMITED.**

MDC's Evolving Partnership: Community Engagement & Talent Pipeline Expansion

- Key Community & Education Partner Activities
 - GHAAA Weekly Engagement – Provided updates and collaborated on contractor support
 - Weaver HS Credential Program – Delivered OSHA-10 training and field exposure
 - Hartford Public High School Engineering Green Tech (EGT) Subcommittee – Coordinated curriculum alignment and field experiences in partnership with Pratt & Whitney and ReadyCT
 - Trade Tuesday & Workforce Wednesday Launch – Hosted industry days with ReadyCT at HPHS
 - Career exposure events held at Newington, Windsor, and Wethersfield High Schools
 - Waterbury CTECS Visit – Engaged WK Kaynor Technical High School's Mechatronics & Robotics Program to support I&C Tech career pathway development
- Contractor Networking & Job Fair Outcomes
 - Participated in Construction Industry Career Fair (Rocky Hill) – Connected with veterans and service members
 - BLD hired 1 high school graduate from MDC candidate pool
 - Employer engagement follow-up initiated with multiple primes and subs



MDC's Evolving Partnership: Scaling Programs & Building Internal Systems

- Try-A-Trade 2025 Launch & Recruitment Success
 - 12 students selected for the 2025 cohort, with 5 alternates identified from 60+ applicants
 - Over 10 schools engaged through interviews, school counselor referrals, and site visits
 - Family involvement incorporated in interview process to boost student retention
- Post-Program Employment Success
 - 2 Hartford residents from the 2024 cohort officially hired by MDC
 - 2 additional students retained for part-time roles within MDC divisions
 - Students placed in Water Treatment, Wastewater Pollution Control, and Utility Services
 - Early planning underway for Summer 2025 cohort, enrich experience and career pathway at MDC or MDC contractor placement opportunities
- System Enhancements Underway
 - Early planning for Summer 2025 contractor placements tied to division needs (e.g., I&C Tech from electrical students)
 - Create skilled-trade pipeline; entry level flagger program provides upward mobility into CDL and labor roles with MDC contractors
- Education & Career Integration
 - CTECS Portal launched to align technical schools with MDC trades
 - Handshake Portal engagement to connect college students to MDC internships
 - Strengthening partnerships with MDC contractors for job site employment transition



TRY-A-TRADE

Monday, April 14-Thursday, April 17, 2025

ABOUT THE PROGRAM

The Metropolitan District's (MDC) "Try-A-Trade" program is an unpaid high school learning opportunity which runs the week of spring break. It was created to educate and introduce students to the many career opportunities within the trades and Water/Wastewater utility.

The best way to find out if you like something is to give it a try! Try-A-Trade is a one week hands-on program to do just that! Join us as we explore several different and profitable career paths through hands-on learning! Students will have the opportunity to earn certificates as well as gain knowledge and a better understanding of various career opportunities in the trades and at the MDC. Participants will receive Personal Protective Equipment including a Hard Hat, Safety Glasses, Work Gloves and PPE bag.

PROGRAM DETAILS (Open to High School Juniors and Seniors)

Dates: April 14th - 17th, 2025
Time: 8:00 am - 2:30 pm
Location: MDC Training Center, 125 Maxim Road, Hartford, CT

Please complete intake form: 

CAREER PATHS

- WATER TREATMENT
- WATER POLLUTION CONTROL
- OPERATIONS
- FACILITY MAINTENANCE
- ELECTRICAL
- INSTRUMENTATION AND CONTROL

MDC

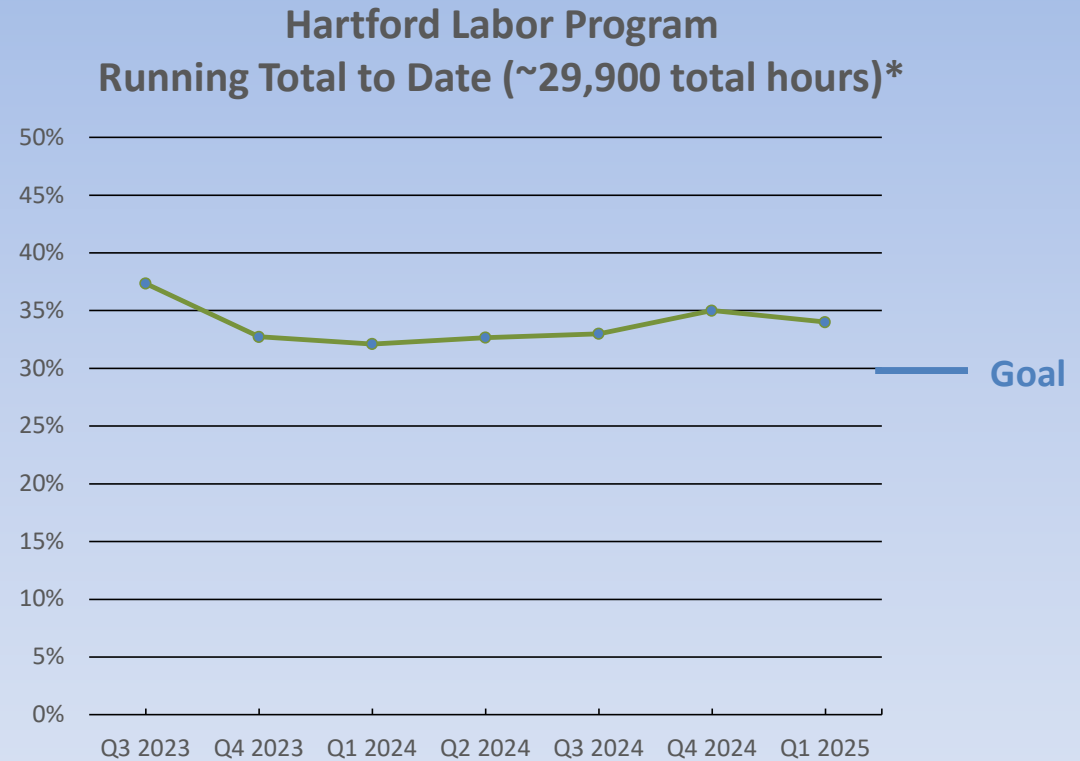
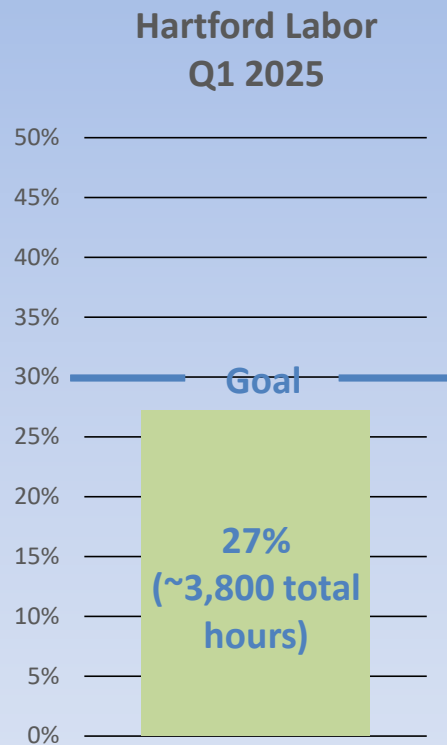
Questions? Email human-resources@themdc.com or call (860) 278-7850 ext. 3268

MDC's Partnerships: Metrics from Transforming Local Labor Recruitment

- 30% Hartford resident workforce goal
- Local Workforce and Contractor Development in the North End
 - 1 Hartford residents hired by MDC Contractors
 - Total To-Date: 17 Hartford residents placed in employment
 - 1 new Hartford-based business (Top Notch Flaggers) working for Utility Services
 - 5 employees hired, including 1 Hartford resident
 - 3 MBE subcontractors scaled operations under NHPP BWV program
 - 2 Hartford residents hired as full-time at MDC through Try-A-Trade
 - 2 Try-A-Trade graduates retained in part-time roles
 - No new contractor awards this quarter
 - Total To-Date: 3 Hartford contractors awarded and increased work capacity under BWV and HCP
 - 1 Hartford resident long-term employment under new training/award initiative and work-based learning
 - Total To-Date: 10 Hartford residents transitioned into long-term employment
- Workforce Development and Educational Partnerships
 - Expanded educational partner network includes all MDC member town high schools
 - Weaver HS & HPHS: credentialing and STEM training
 - Goodwin University: exploring University of Sacramento Water/Wastewater Operator pathways
 - Contractor Pipeline: advancing employment matches through direct networking
 - Active full-time employment and learning placements sustained across 5 MDC divisions



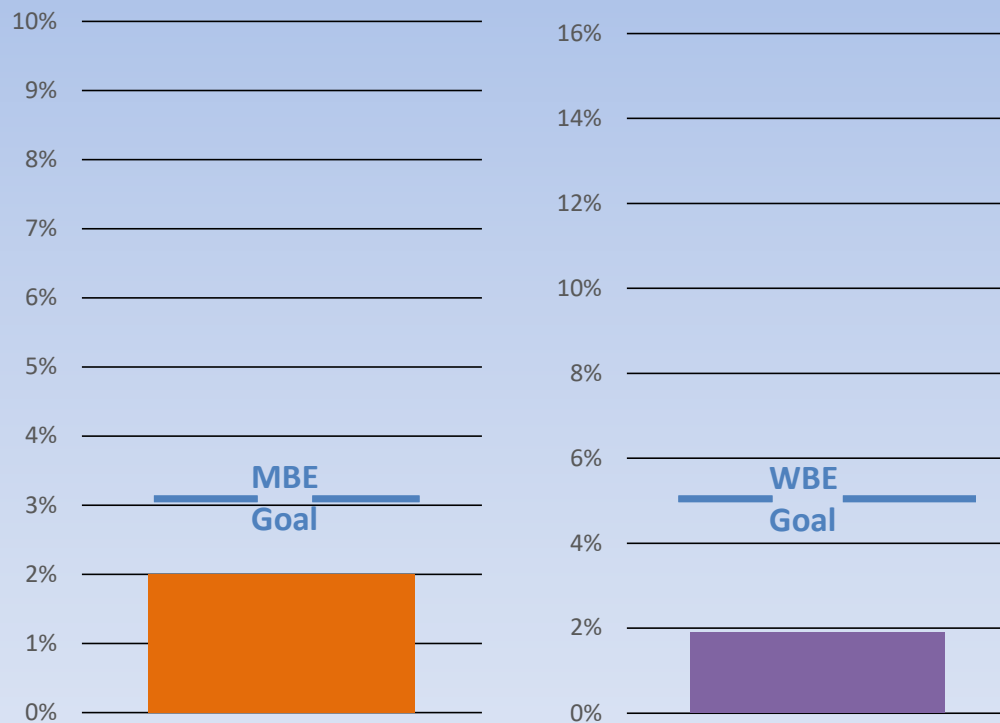
Hartford Labor Status



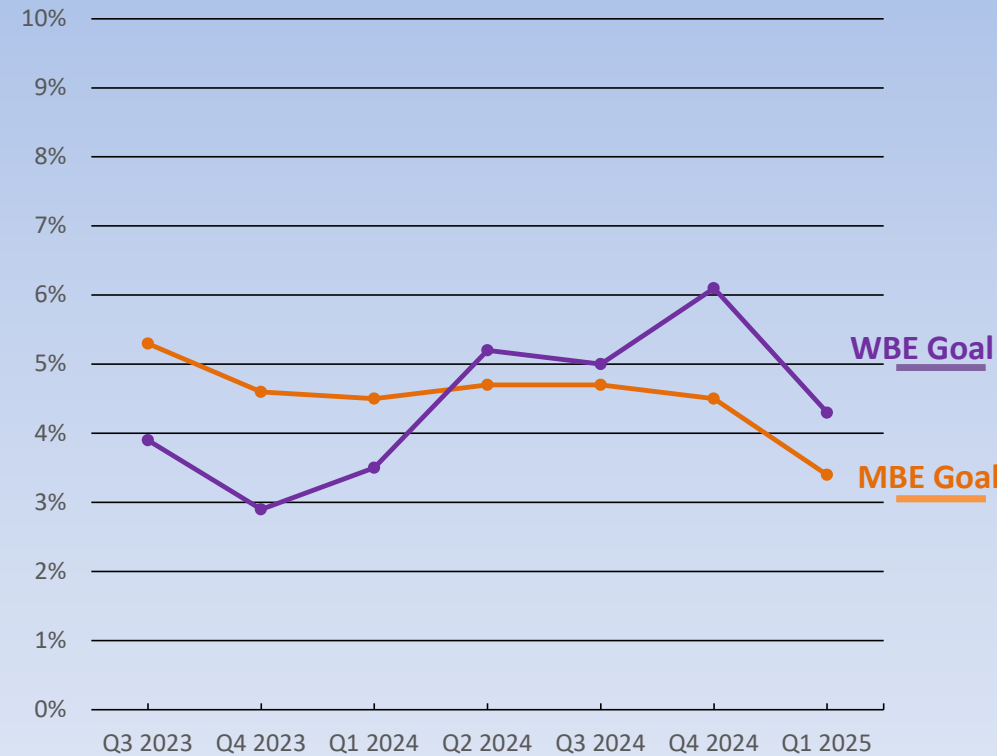
Note*: Statistics are based on all Hartford Consent Order projects started after July 2023 under construction. 30% target based on similar City of Hartford goal on municipal projects.

Minority/Women Business Enterprises Status

Q1 2025 MBE and WBE (by \$)



MBE and WBE Program To Date (by \$)*



Note*: Statistics are based on all Consent Order related projects under construction, beginning in July 2023.

MBE and WBE targets based on CT DEEP Clean Water Fund (CWF) goals

Closing Remarks

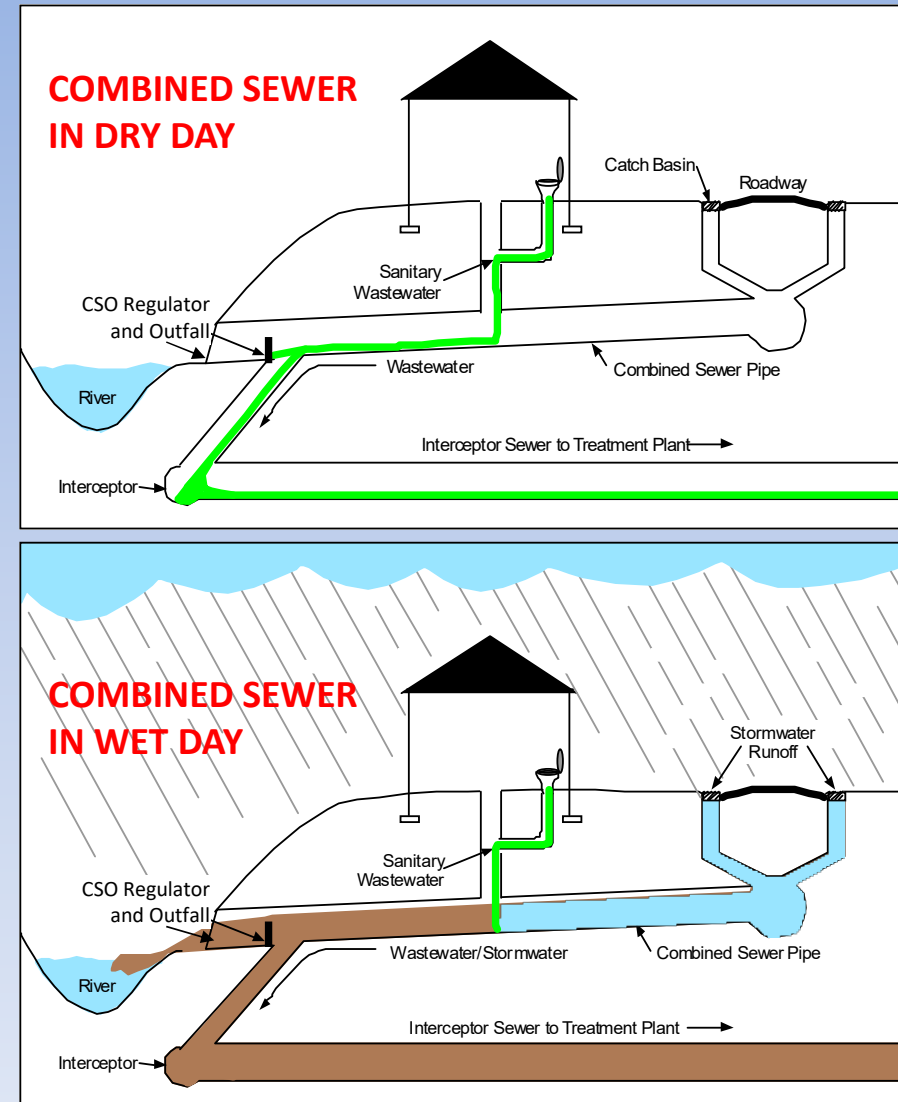
- Many ongoing initiatives and projects
- Many ways to **stay informed**
 - Visit - <https://themdc.org/north-hartford-sewer-improvement-projects/>
 - Via your local NRZ
- Quarterly Consent Order Meetings
 - Second Thursday of the months of March, June, September, and December
 - Each meeting will also be virtual
- Comments and Questions

List of Acronyms

- AFSCME = American Federation of State, County and Municipal Employees
- AHNA = Asylum Hill Neighborhood Association
- BWV = Backwater Valve
- COH = City of Hartford
- CSO = Combined Sewer Overflow
- CT DEEP = Connecticut Department of Energy and Environmental Protection
- CWF = Clean Water Fund
- CWPC = Clean Water Project Charge
- DAS = Department of Administrative Services
- DBE = Disadvantaged Business Enterprise
- EPA = Environmental Protection Agency
- GHAAA = Greater Hartford African American Alliance
- GHFC = Greater Hartford Flood Commission
- IP/CSO LTCP = Integrated Plan/CSO Long-Term Control Plan
- MBE = Minority-Owned Business Enterprise
- MCC = Minority Construction Council
- MG = Million Gallons
- NAWIC = National Association of Women in Construction
- NBPR = North Branch Park River
- NGOs = Non-Government Organizations
- NRZs = Neighborhood Revitalization Zones
- PPID = Private Property Inflow Disconnect
- Q3 = Quarter 3 (ex. period from July 1, 2023 to September 30, 2023)
- RFP = Request for Proposal
- RFQ = Request for Qualifications
- ROW = right-of-way
- SBE = Small Business Enterprise
- SHCST = South Hartford Conveyance & Storage Tunnel
- SSES = Sanitary Sewer Evaluation Survey
- SSO = Sanitary Sewer Overflow
- WBE = Women-Owned Business Enterprise

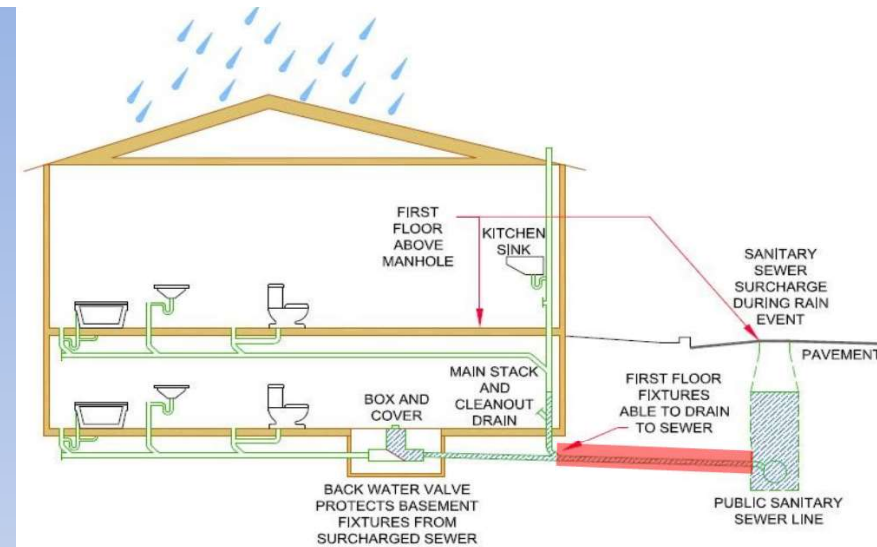
Common Terms & Definitions

- **Separate/sanitary sewer**
 - pipe designed to only convey wastewater
 - how sewers are built now, all member towns except Hartford
- **Storm drain**
 - pipe designed to convey only stormwater
- **Combined sewer**
 - pipe designed to convey **both** sanitary and stormwater (including catch basins)
 - How sewers were built 100 years ago
 - Issues with Combined Sewers:
 - **Dry Day:** No issues, enough capacity for household sewage (toilet, showers, etc)
 - **Wet Day:** Stormwater enters sewer (example: through catch basins). The combined sewer becomes too full, causing overflows (CSOs) into streams/rivers



Common Terms & Definitions

- **Lateral/House Connections**
 - Pipe (shown in red) connecting the wastewater from homes to the District's sewer main
- **Combined Sewer Overflow (CSO)**
 - condition that occurs when wet weather flows in a combined sewer system exceed the treatment capacity at the plant and/or in the pipes, causing it to discharge flow into typically a storm drain or river (via a CSO regulator and outfall)
 - Example: "N-2" and "N-4"
- **Sanitary Sewer Overflow (SSO)**
 - a condition that may occur due to blockage/clog in a pipe, broken infrastructure, or due to significant rainfall



Common Terms & Definitions

- **1-Year Design Storm**

- The historic event from October 1951 with a 24-hour depth of 2.4 inches and an average recurrence interval (ARI) of 1 year. This design storm has been used to control all CSO regulators except those that discharge to the North Branch Park River or Wethersfield Cove.

- **Typical Year**

- The typical year evaluated had 42-inches of rain. The selection was agreed to by CT DEEP and followed the approach described by the USEPA's "Combined Sewer Overflows Guidance for Monitoring and Modeling" (USEPA, 1999), which includes analyzing individual storm event return periods, annual precipitation, and simulated CSO volume for each year in the historic record to find a representative typical year.

- **Elimination Storm**

- Tropical Storm Tammy was adopted for CSO elimination alternatives analysis through correspondence with CT DEEP during the 2012/2014 LTCP Update. The event referred to in the LTCP as Tammy was a combination of the remnants of that storm in combination with Subtropical Depression Twenty-Two. From October 7 to 15, 2005, 13 inches of rain fell at Bradley Airport. The heaviest rain fell on the 8th and the 9th and from the 14th to the 15th, with 5.0 and 5.8 inches falling over respective 24-hour periods