



Farmington Avenue Area Sewer Separation Preliminary Design

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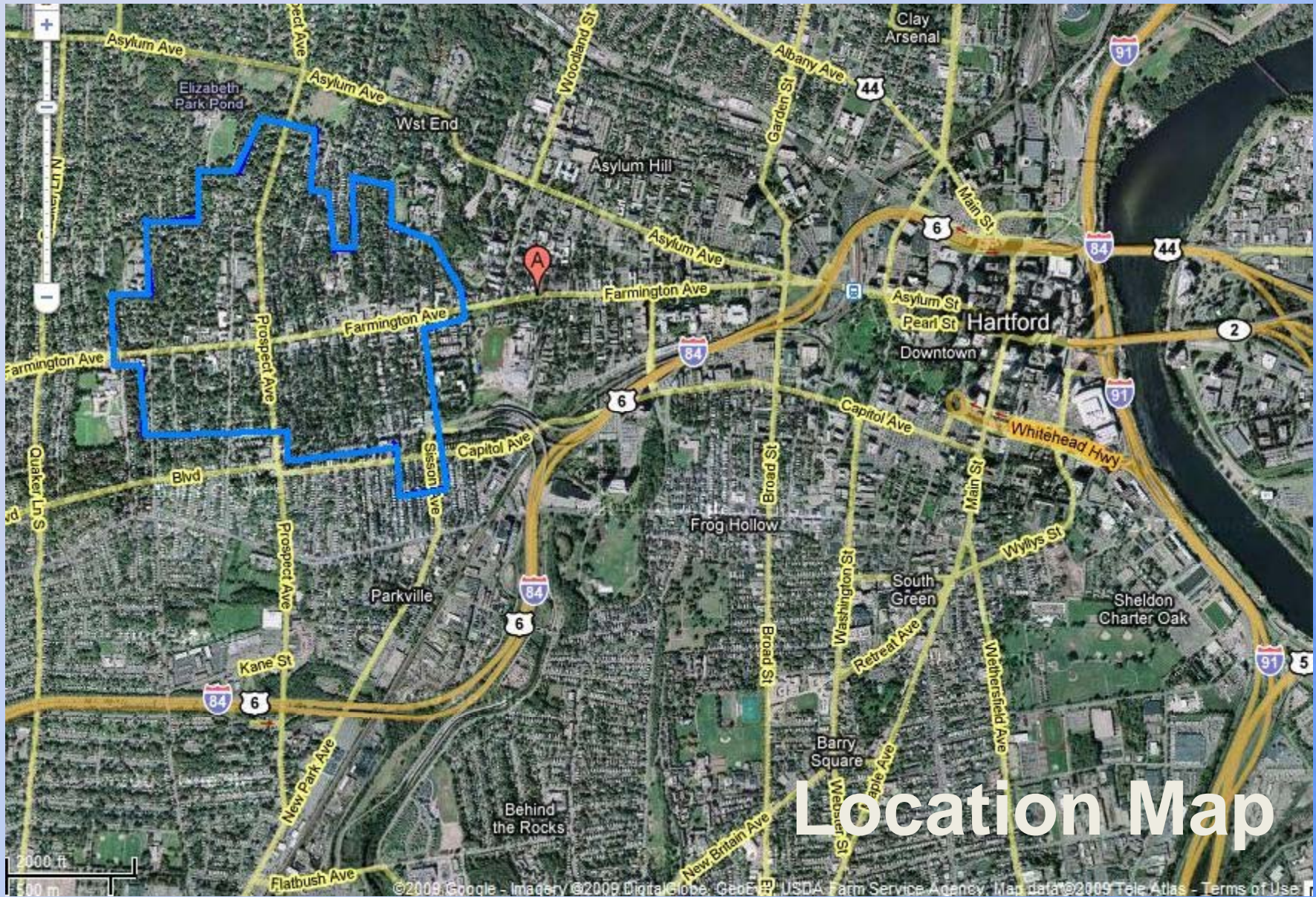


April 24, 2009



Presentation Overview

- Project Overview and Goals
- Contract Packaging
- Preliminary Farmington Avenue Project Costs
- Next Steps



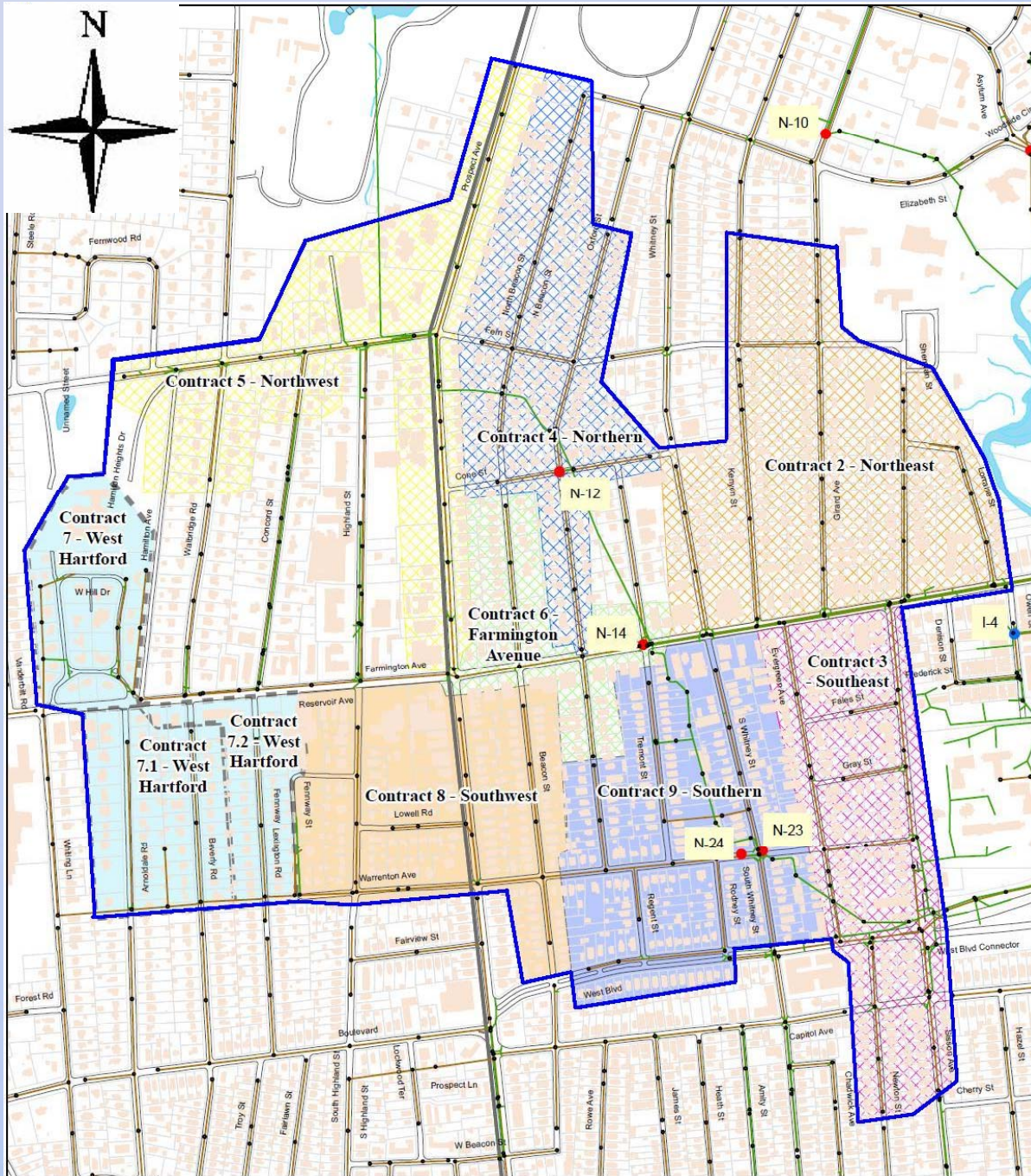
Location Map

CWP and Farmington Avenue Goals

- To significantly alleviate sewage backups into basements and to reduce street flooding
- To eliminate, to the extent possible, private inflow sources
- To eliminate CSO discharges to the Tremont Street Interceptor
- Reduce CSOs to the one-year level of control.

Farmington Avenue Area

- 350 acres in Hartford and West Hartford
- 9 Contracts
- 31,500 lf of new sanitary sewer
- 23,000 lf of new storm drain
- 1,200 homes and commercial buildings

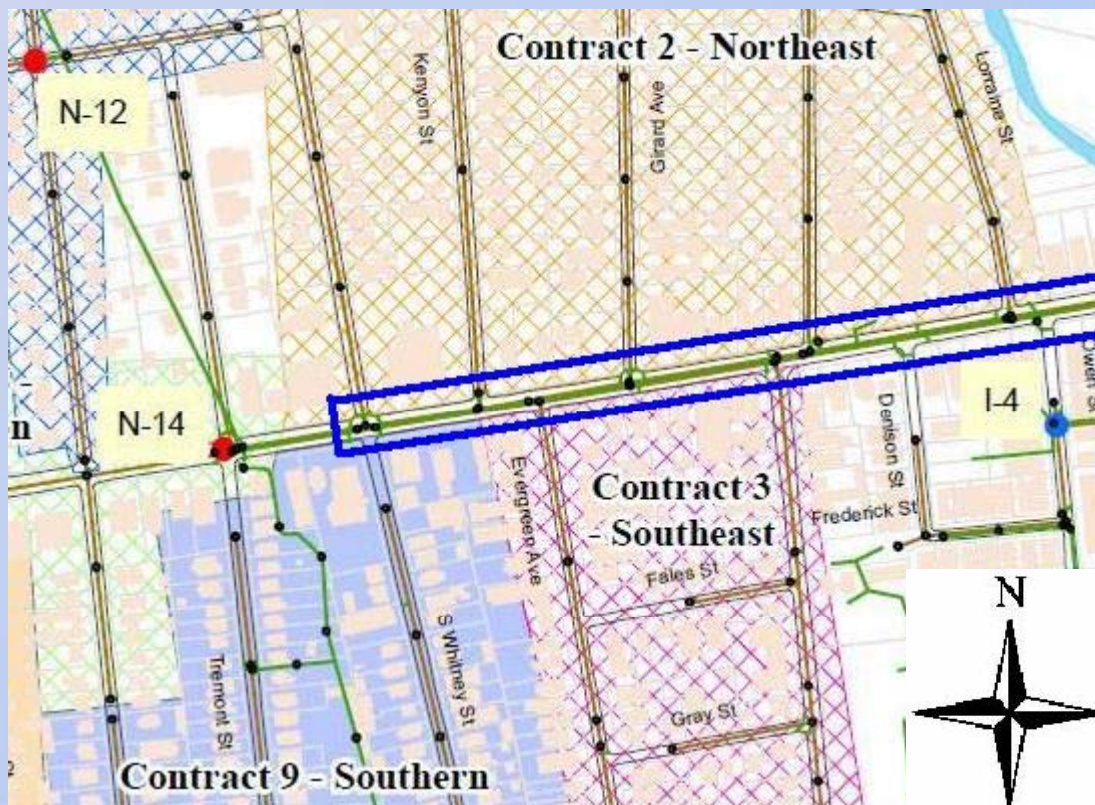


Other Key Statistics



- 11,000 lf of combined sewer converted to sanitary sewer
- 21,700 lf of combined sewer converted to storm drain
- 9,000 lf of new water main
- Current overflow structures to be closed
- Re-activate Tremont Street Interceptor storm drain connection

Contract 1A Farmington Avenue



- Water Main Replacement (3,530 lf)
- Seven Storm Drain Stubs
- Whitney Street east to Marshall Street (beyond limits of FAA)
- Coordinate with Contracts 2, 3 and 6

Contract 2 – Northeast

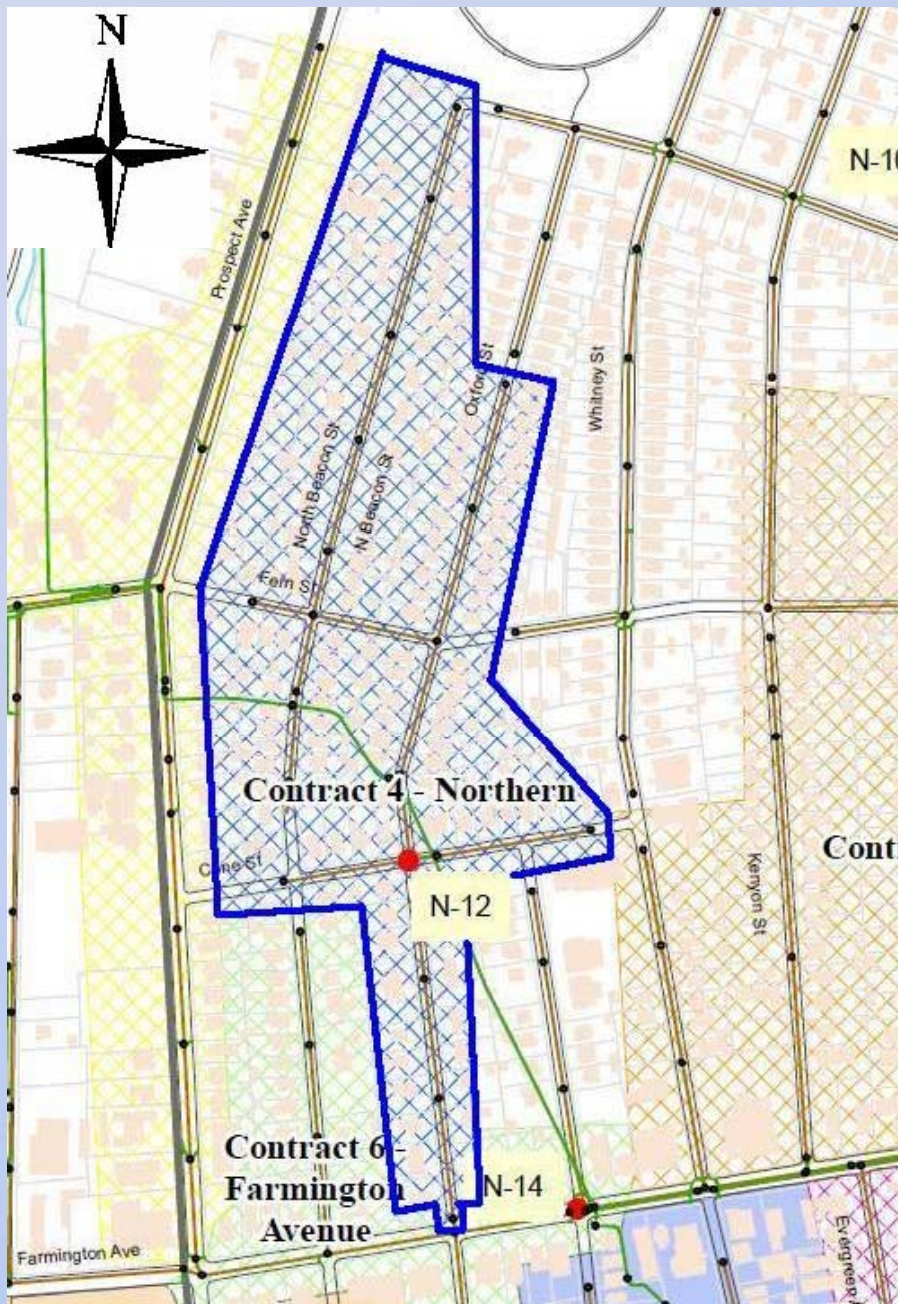


- Project Cost: \$7.73M
- 4,050 lf of Sanitary Sewer
- 7,450 lf of Storm Drain
- 500 lf of Water Main
- 196 Dwellings/
Businesses
- No Overflow Structure
- Five Drain Stubs from
Contract 1A
- Girard/Fern Intersection



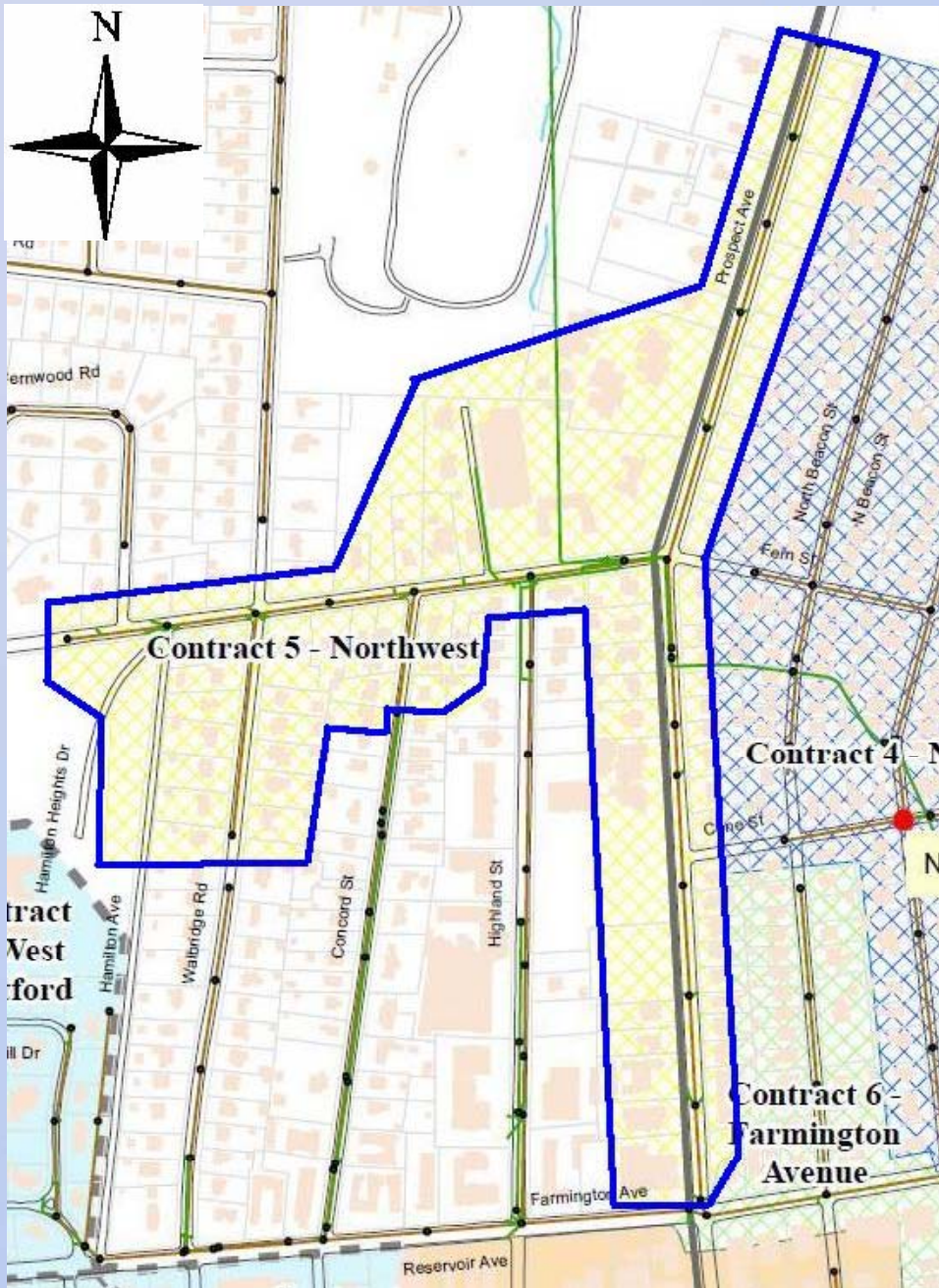
Contract 3 Southeast

- Project Cost: \$6.91M
- 1,550 lf of Sanitary Sewer
- 6,100 lf of Storm Drain
- 850 lf of Water Main
- 264 Dwellings/ Businesses
- No Overflow Structure
- Two Drain Stubs from Contract 1A
- Sisson Avenue Traffic



Contract 4 Northern

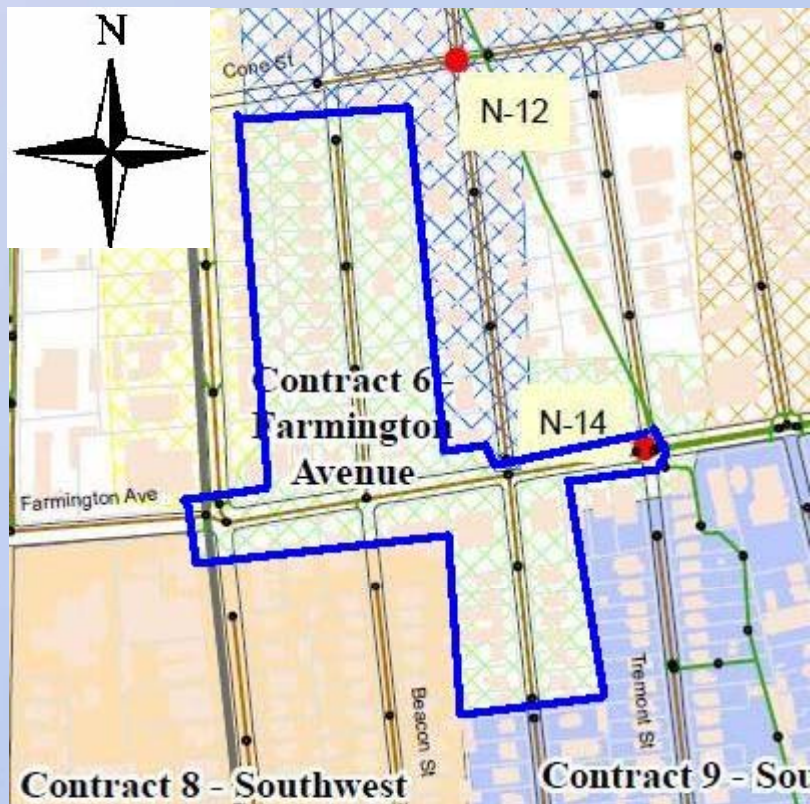
- Project Cost: \$5.65M
- 4,600 If of Sanitary Sewer
- 1,500 If of Storm Drain
- 3,060 If of Water Main
- 175 Dwellings/ Businesses
- One Overflow Structure – Preliminary Design Proposes to Remove CS Connection
- Fern/Beacon Intersection



Contract 5 Northwest

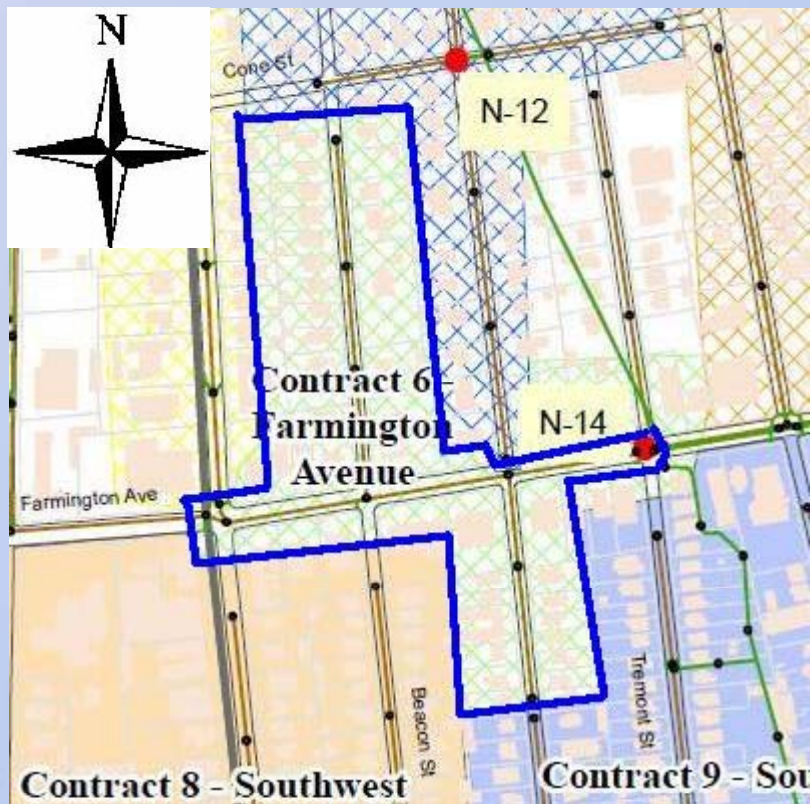
- Project Cost: \$3.40M
- 5,200 Lf of Sanitary Sewer
- No New Storm Drain
- 1,600 Lf of Water Main
- 120 Dwellings/ Businesses
- No Overflow Structure
- Fern/Prospect Intersection
- Prospect Avenue Traffic

Contract 6 Farmington Avenue



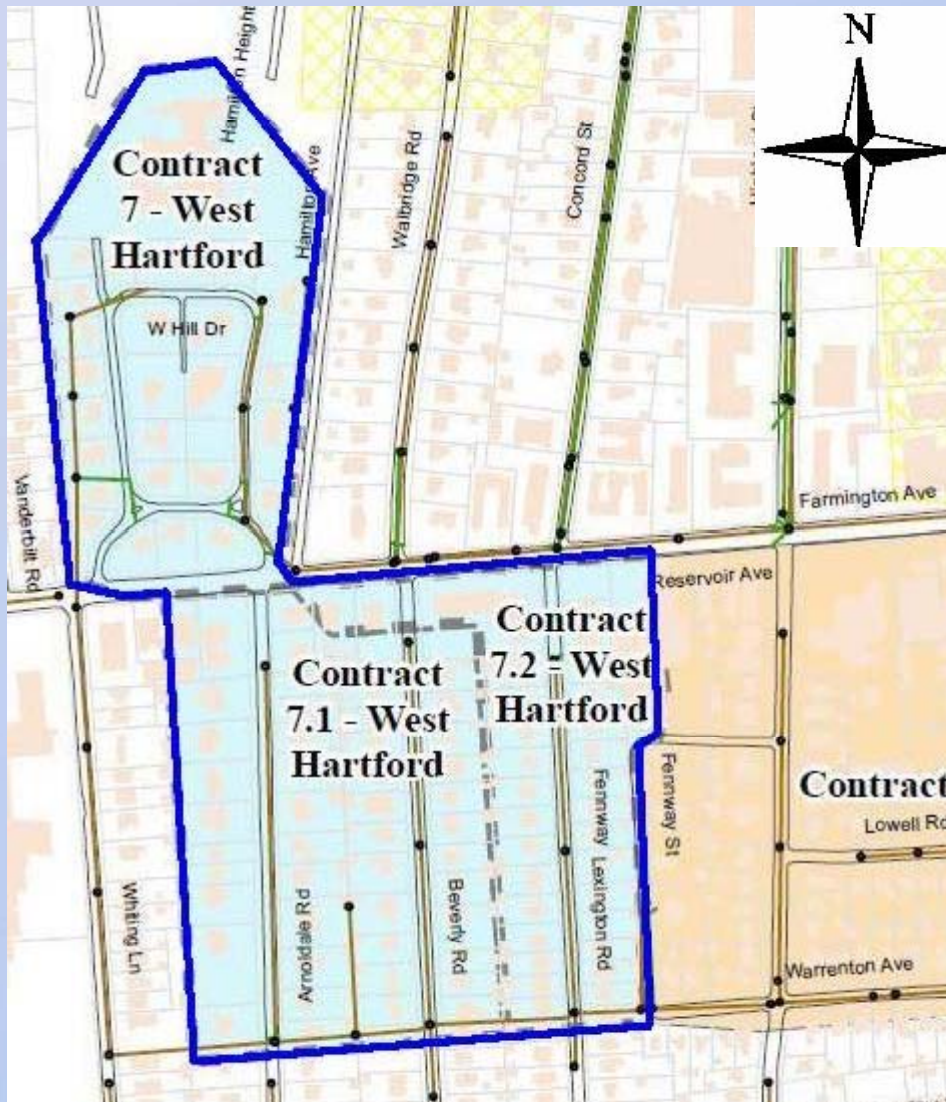
- Project Cost: \$4.59M
- 1,900 lf of Sanitary Sewer
- 2,500 lf of Storm Drain
- 2,000 lf of Water Main Replacement between Prospect and Whitney (four blocks)
- 110 Dwellings/ Businesses

Contract 6 Farmington Avenue



- One Overflow Structure
- Long Lead Time for Utility Coordination
- Oversize Sanitary Sewer Due to Schedule (from 18" to 36")
- Tremont St. Interceptor Overflow
- Immediate Results Bridging the Storm Drain Gap
- Farmington Avenue Traffic

Contract 7 – West Hartford



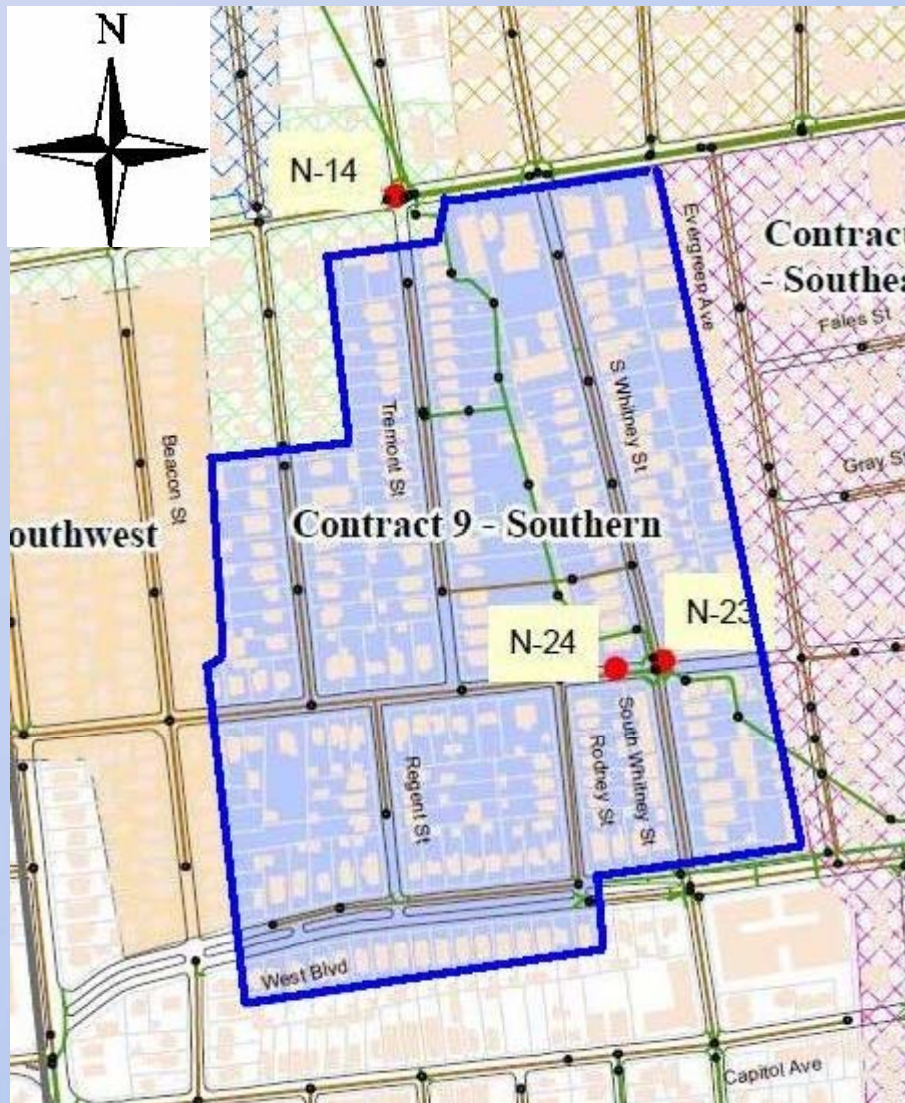
- Project Cost: \$3.51M
- 4,150 lf of Sanitary Sewer
- 700 lf of Storm Drain
- No Water Main
- 171 Dwellings/ Businesses
- No Overflow Structure
- Split into Two Contracts
- Cross-Country Portion (Arnoldale to Fenway)

Contract 8 - Southwest



- Project Cost: \$5.47M
- 4,600 lf of Sanitary Sewer
- 1,800 lf of Storm Drain
- 250 lf of Water Main
- 148 Dwellings/ Businesses
- No Overflow Structure
- Oversize Sanitary Sewer Due to Schedule (from 18" to 30")
- Prospect Avenue Traffic

Contract 9 - Southern



- Project Cost: \$8.81M
- 5,400 lf of Sanitary Sewer
- 2,900 lf of Storm Drain
- 2,700 lf of Water Main
- 271 Dwellings/ Businesses
- Two Overflow Structures
- Oversize Sanitary Due to Schedule (from 18" to 30")
- Possible Easements (Tremont to Whitney and at N-23)

Budget Summary

- Total Project Cost: \$47.76M
(includes Contract 1A cost of \$1.69 M)

Next Steps

- Complete Design for Farmington 1A
- Initiate Design for Contract 2
- Initiate Design for Contract 6 and 7.1
(same FDE)

Questions?

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