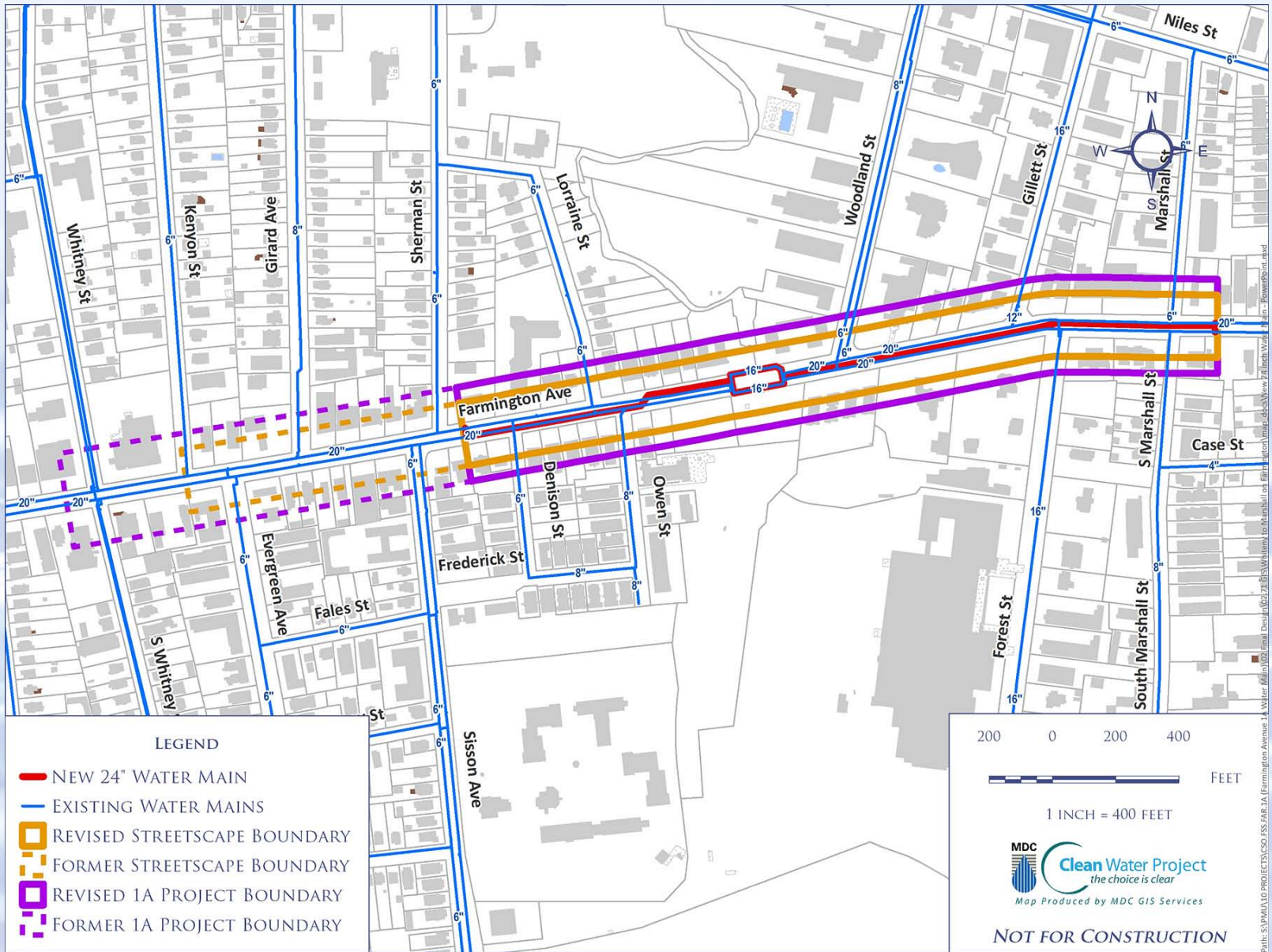


**Farmington Avenue Water Main  
Replacement & Storm Drain Stub  
Installation Contract, and  
Farmington Avenue Streetscape  
Hartford, Connecticut**

**Farmington Asylum Business District  
Breakfast Program**

**December 8, 2010**







# Farmington 1A Staffing

## Owner:

The Metropolitan District

Project Manager / Principal Engineer:

Neil H. Amwake, P.E.  
(860) 278-7850 Ext. 3438 or  
[namwake@themdc.com](mailto:namwake@themdc.com)

Design Manager:

Michael Mancini, P.E., L.S.

Construction Principal Engineer:

Michael Bezanson, P.E.

Construction Engineer:

Justin Howe, E.I.T.

## Design Engineer:

Tighe & Bond of Westfield, Massachusetts

## Contractor:

C.B. Utility Company, Inc. of Bristol, Rhode Island



# Farmington 1A Statistics

- **24-inch Ductile Iron Water Main** **2,300 LF (0.44 miles)**
- **16-inch Ductile Iron Water Main** **240 LF**
- **16-inch Pre-insulated Ductile Iron Pipe** **300 LF**
- **Butterfly Valves (Various Sizes)** **17**
- **Gate Valves (Various Sizes)** **13**
- **Hydrant Assemblies** **9**
- **Extra Ductile Iron Fittings** **6,000 Pounds**

North 20-inch Cast Iron Water Main

Installed in 1872

South 20-inch Cast Iron Water Main

Installed in 1876

*Adventures of Huckleberry Finn*

Published in 1885

16-inch Cast Iron Gas Main

Installed in 1907

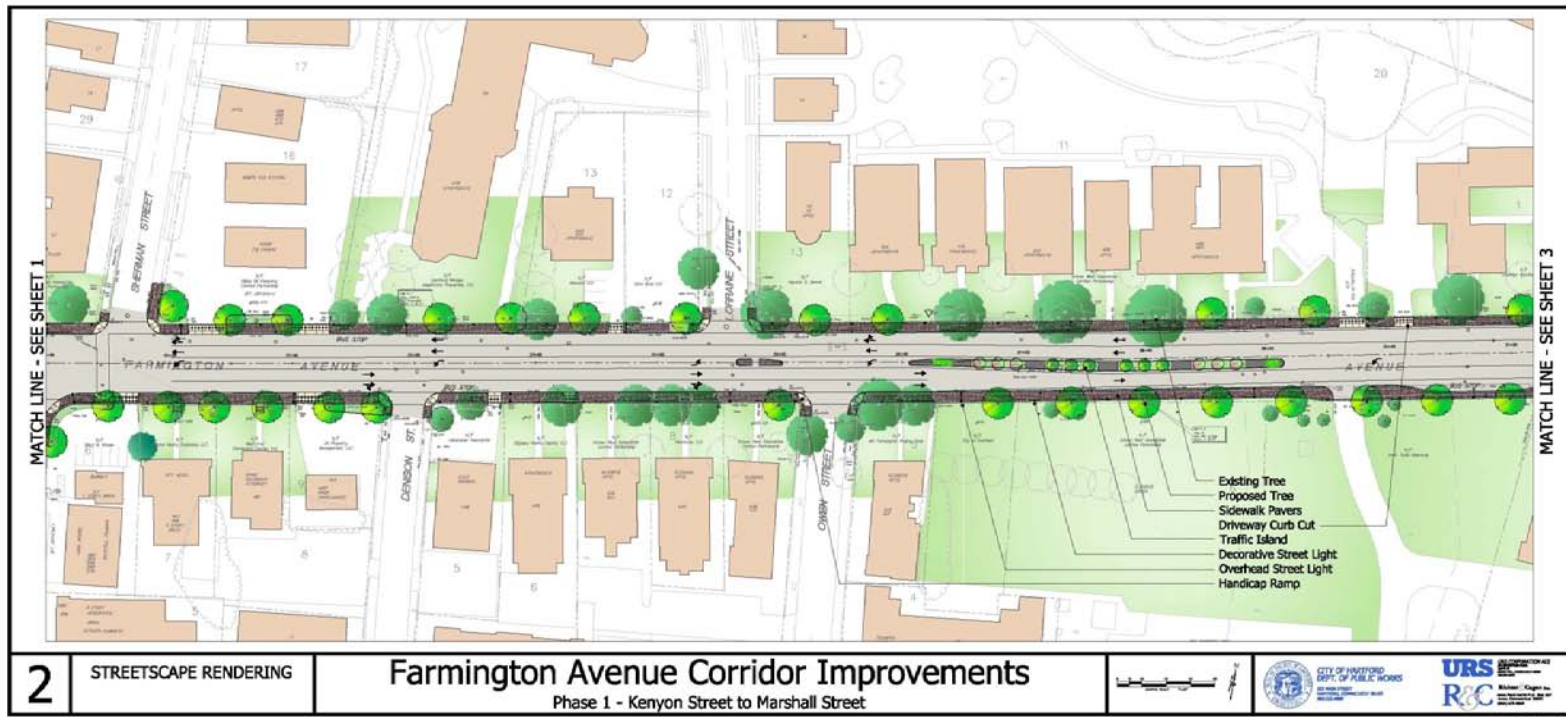


# Farmington 1A Schedule

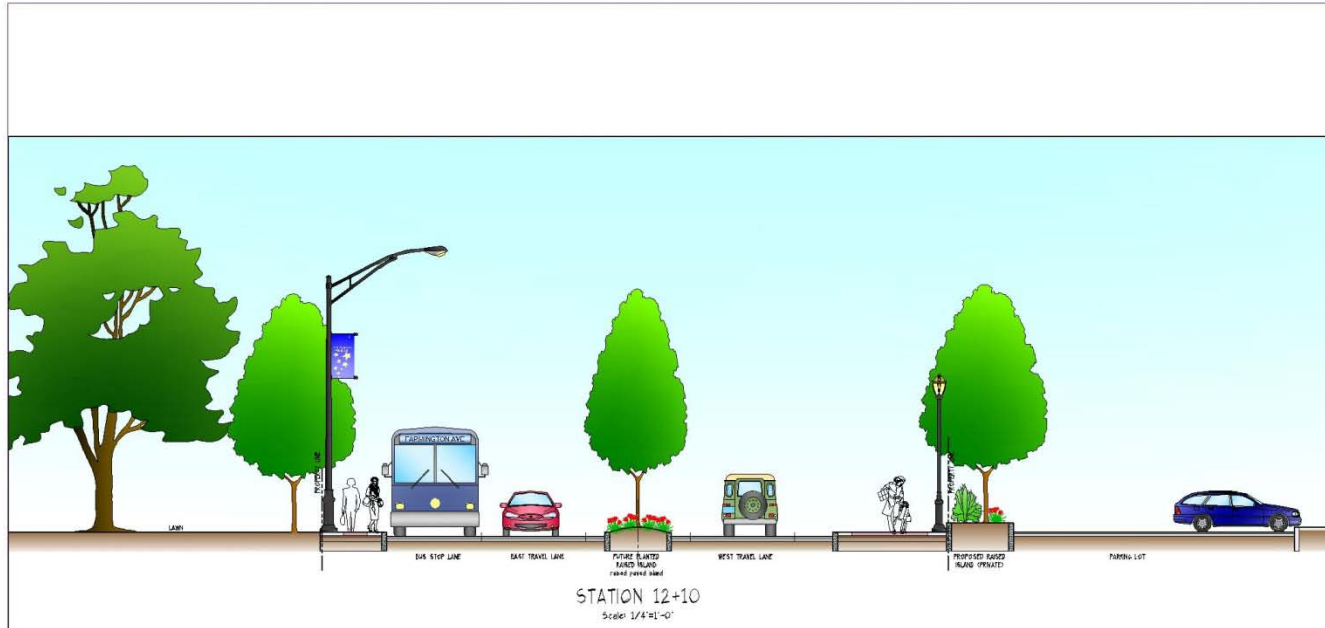
- Inspect 350 Gate Valves Summer 2009
- Isolate Side Streets Summer 2010
- Advertise Contract June 8, 2010
- Bids Due July 13, 2010
- Notice of Award October 18, 2010
  - Contract Value \$2,839,105.00
- Utility Test Pits November & December 2010
- Traffic Counts December 2010 (January 2011)
- Evaluate Design January & February 2011
- Install Water Main April – September 2011



# Farmington Avenue Streetscape



# Farmington Avenue Streetscape Section



5

SECTION RENDERING  
**Farmington Avenue Corridor Improvements**  
 Phase 1 - Kenyon Street to Marshall Street



CITY OF HARTFORD  
 DEPT. OF PUBLIC WORKS  
 555 PALMY STREET  
 EAST WINDY CONNEXITY CENTER  
 HARTFORD, CT 06103



URS CORPORATION AES  
 200 WEST WASHINGTON STREET  
 SUITE 2000, HARTFORD, CT 06103  
 RICHTER & COGAN INC.  
 ALAN FORT HARTFORD, CT 06103  
 ALAN FORT HARTFORD, CT 06103  
 (860) 418-0867

1/1/2014 10:00:00 AM



# Maple Avenue Streetscape



# Maple Avenue Streetscape



# Farmington Streetscape Staffing

## Owner:

The City of Hartford

City Engineer:

John McGrane, P.E.

(860) 757-9963

Director of Public Works:

Kevin Burnham, P.E.

## Design Consultants:

URS Engineers, Inc.

Richter & Cegan, L.A.



# Farmington Streetscape Schedule

- **Start Construction** July 15, 2011
- **Construction Complete** August 1, 2012
  - **Construction Budget** \$3.2M

# Farmington Avenue Maintenance & Protection of Traffic

“The safe and efficient handling of traffic through and around construction zones with as little inconvenience and delay as possible.”

- Considers cars, trucks, buses, pedestrians and other modes
- Access to properties
  - Anticipate and minimize disruption and inconvenience to businesses and the public
- **Protect safety of workers and the public**
- Comply with standards and regulations
  - 1 Part Engineering & Design
  - 1 Part Construction Operations & Inspection
  - 1 Part Public Relations & Communication



# Farmington Avenue Maintenance & Protection of Traffic (continued)

- Maintain minimum one (1) lane in each direction
- Two-week look ahead construction schedule
  - Daily changes & updates – weather, productivity, material delays, etc.
  - Crew locations
  - Special events
- Police coordination and decisions
- Live traffic alert map
  - Go to [www.themdc.com](http://www.themdc.com)
    - Click on the traffic alert link
- Assess effects of multiple projects
- Avoid simultaneous closures and detours from adjacent projects



# Metropolitan District Traffic Alert Map

For specific project information or traffic advisory information call **860-278-7850 x 3600** or email: [cleanwaterproject@themdc.com](mailto:cleanwaterproject@themdc.com)

Preview of Map: This interactive map provides information on current roadwork activity for the MDC Clean Water Project. The information is provided for traveler information purposes only. Visit [www.themdc.com](http://www.themdc.com) for more information on the Clean Water Project.

## Pipe cleaning and test pit work on Albany Avenue – expect min

**Albany Avenue (Route 44)**

Field Name	Field Value
Scheduled Begin Date	07/12/10
Scheduled End Date	
Road Name	Albany Avenue (Route 44)
Traffic Alert	Lane Closed
Additional Information	

### Key to Traffic Alerts

- Road Closed
- Lane Closed
- Work in Roadway

Click one or more of the boxes below to view current and upcoming construction projects. Click the colored line for specific information, including street closures, detours and project duration.

**Current Traffic Alerts**

**Next Week's Traffic Alerts**

Traffic alerts (road closures, lane closures) are indicated for daytime construction hours, (typically occurring sometime between 7 AM and 5 PM). Unless noted otherwise, roads will be restored to regular operations during non-construction work hours.

**Location of Clean Water Projects - For more information on the Clean Water Project you can visit the MDC's website: <http://themdc.com/>**

# Farmington Avenue Outreach and Communication

- Farmington 1A Project Team
- Farmington Asylum Business District
- Farmington Avenue Alliance
- West End Civic Association
- City of Hartford
- MDC Traffic Team
  
- Hold regular scheduled meetings with stakeholders
  - Communicate early and often
- Live traffic alert map on MDC website
- “Business Open” signs
- Variable message signs
- Media and public service announcements



# Farmington Avenue Feedback

- What is the best way of communicating with stakeholders?
- How else can we minimize impacts?
- Other questions?
- Plan your work and work your plan; adjust as needed.



