

# Main and Federal Streets

## *Water main replacement project*

Meeting date:

January 27, 2011

Focus on:

Federal Street and Main Street Project Areas

### On Tonight's Agenda:

- 1 Introduction
- 2 Scope of Project
- 3 Project Partners
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- 6 Pavement and Sidewalks
- 7 Traffic Management
- 8 Open Discussion

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*Replacement of the water mains on Main Street and Federal Street will improve fire flows, water quality, and capacity.*

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## Why Are We Here Tonight?

The purpose of tonight's meeting is to discuss the proposed project and how it will impact the residents (and businesses) on Main and Federal Streets, and how construction will proceed in the two adjacent roadways. The design and construction elements of the two project areas will be based on each area's uses.

As the Wiscasset Water District moves forward with design, we are trying to anticipate the needs of Main Street and Federal Street parties, and incorporate those needs into the design. The design and plans may be modified based on the comments received tonight.

## Scope of Project

The Water District water main replacement project will increase the size of existing water mains to improve flow, water quality, and water pressure. Approximately 1,460 linear feet of pipe on Main Street and 3,185 linear feet on Federal Street will be replaced, as well as water services. The project will also involve replacement of the storm drain system on Main Street concurrent with the construction phase of the District's water main work.



## Project Partners

Water mains in the project area are owned by the District, which is financing the project through the United States Department of Agriculture (USDA) Rural Development (RD) Agency, and has received a 40% grant for this project. This grant is a significant value to the District's ratepayers.

The storm drain system on Main Street is owned by the Maine Department of Transportation (MDOT). MDOT has signed an Agreement with the District under its Locally Administered Project program under which MDOT will compensate the District for replacing the storm drain system. MDOT will complete full pavement restoration on Main Street in 2012, after the trenches have a year to settle, resulting in the best pavement surface. This partnership minimizes the construction impact of the work.

## Project Schedule

The District currently plans to approach work on Main Street first, in order to have the work completed before traffic increases during summer and fall. Work on Main Street will include water main and storm drain in the same trench, limiting noise, disturbance, and traffic issues. Federal Street work will immediately follow work on Main Street. If the bidding schedule changes substantially, the District may perform this work in the reverse order, with the goal of reducing impacts on residents.

## Continuous Services

Residents and businesses on both Main Street and Federal Street will have full water service for the duration of the project. This service will typically be provided by temporary piping placed at grade. Asphalt pavement will be used to allow vehicles to drive over the piping. The District and its Contractor will ensure that emergency vehicles, mail delivery, garbage collection, and package courier service can be maintained. Personnel involved in the project will communicate any driveway access issues in advance.

## Pavement and Sidewalks

This project does not involve the replacement or full restoration of existing sidewalks. If and when sidewalks are impacted by the installation of new water services, the sidewalk will be replaced "in kind". That is, brick sidewalks that are disturbed will be reconstructed with the same bricks. Asphalt sidewalks will continue to be asphalt sidewalks. During the daytime, all sidewalks will be fully usable.

The District will repair trenches in the roadway with trench pavement, which will be five feet wide at grade. On Main Street, MDOT will complete a full reconstruction in 2012, budgeted under its 2012-2013 Work Plan. After MDOT completes this restoration, the roadway will have a five-year moratorium for non-emergency excavation, in order to protect the quality of the travelled way.



Contractors install water main on Churchill Street during a 2008 District project

## Traffic Management and Pedestrian Access

Proper and thorough management of traffic and pedestrian access on both Main and Federal Streets will be vital to the success of the project. The District has met with MDOT and established guidelines for the Traffic Management Plan to be developed and implemented by the Contractor. This Plan will be adjusted during the course of the project, as needed.

Work on Federal Street will be completed during the day. Due to the narrow nature of the road, only one travel lane to be open at a time. Certified flaggers and Town of Wiscasset Police Department personnel will be used to manage and control one-way traffic on this road, and signs and traffic cones used to designate the travel lane.

Most Main Street work will be completed during the day. The exception is crossings, which will be done between the hours of 7 PM and 6 AM. During the day, two lanes of traffic will remain open for almost the entire duration of the work, and will be managed and controlled by the Town of Wiscasset Police Department working with Certified flaggers. Work will be primarily off the traveled way, but maintaining two open lanes will require that parking areas on Main Street be closed. Police and flaggers will also ensure that pedestrians have safe and frequent opportunities to cross the street. If at any time, the travel lanes approach the work area too closely or if the work area is at risk, the travel area will be reduced to one lane. Electronic signage media will be used north and south of the project, including on I-295, to warn travelers of the project. The project will also be posted on the MDOT website.

## Open Discussion What questions do you have?

## Contact Information

Please contact the following people for information on the project:

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Project website: [http://www.wiscasset.org/committees/main\\_st\\_and\\_federal\\_st\\_reconstruction/](http://www.wiscasset.org/committees/main_st_and_federal_st_reconstruction/)