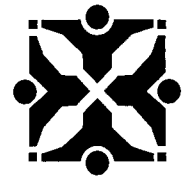


# City of Columbia

701 East Broadway, Columbia, Missouri 65201



**Agenda Item Number:** R 168-15

**Department Source:** Water & Light

**To:** City Council

**From:** City Manager & Staff

**Council Meeting Date:** 11/02/2015

**Re:** Public Hearing - Sixth Street Water Main Upgrade

## Documents Included With This Agenda Item

Council memo, Resolution/Ordinance

**Supporting documentation includes:** Diagrams (construction, route, etc.)

## Executive Summary

Staff has prepared for council consideration a resolution setting a public hearing for November 16, 2015 concerning the upgrade of aging water distribution infrastructure along Sixth Street from Elm Street to Broadway. The estimated cost for this improvement is \$300,000 and funding has been appropriated under project number WT0177 of the Capital Improvement Program. Staff has notified the Downtown Community Improvement District and the University of Missouri of this intended project and made themselves available to discuss any potential impacts of it with interested parties.

## Discussion

The Columbia Water & Light Department has identified the need to upgrade water distribution infrastructure along Sixth Street from Elm Street to Broadway. The existing water mains through the project corridor consist mostly of old 4-inch cast iron pipe. These aging water mains are showing increased need for maintenance and are nearing the end of their useful service life. The new main will be constructed of 8-inch PVC piping materials. The new main will provide greater reliability for customer's water supply as well as increase available flow to the area for fire protection purposes.

This water main replacement project is also being coordinated with sanitary sewer upgrades in the area as part of the Flat Branch Relief Sewer Improvement Project. Coordination of these projects will allow the new 8-inch water main to eliminate any conflicts with the gravity flow sanitary sewer design, reduce the amount necessary for pavement repairs, and minimize the impact to the area for businesses and citizens.

This water main replacement is planned to take place within existing right of way. On the Southern portion of the project, from Elm Street to Locust Street, the new water main will be installed between the curb and sidewalk on the east side of the road. From Elm Street to Broadway the new main will be installed within the road pavement.

As part of this main replacement project, all fire hydrants and customer services tied to the existing main will be transferred to the upgraded main. This will allow the existing main to be retired from

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service. This project will also transfer customer services along Broadway from Fourth Street to Seventh Street from an existing 4-inch water main to an existing 12-inch water main. These transfers will allow the parallel 4-inch water main underneath Broadway to be retired, eliminating the need to service it in the future.

As part of the public improvement process staff has notified the Downtown Community Improvement District and the University of Missouri of the intention to replace this water main. Any concerns The Downtown Community Improvement District, the University of Missouri, or other interested parties have can be discussed with staff in the Water & Light engineering offices. At this time, no negative feedback has been received regarding this water main replacement.

Upon City Council approval of this water main upgrade project, final plans and specifications will be prepared for construction.

## Fiscal Impact

Short-Term Impact: Funding of \$300,000 has been appropriated for the Sixth Street water main upgrade under the Capital improvement Program project number WT0177.

Long-Term Impact: None.

## Vision, Strategic & Comprehensive Plan Impact

Vision Impact: Downtown

Strategic Plan Impact: Infrastructure...Connecting the Community

Comprehensive Plan Impact: Infrastructure

## Suggested Council Action

Approval of the Resolution setting a public hearing for the Sixth Street water main upgrade for November 16, 2015.

## Legislative History

None.

  
Department Approved

  
City Manager Approved

## **A RESOLUTION**

declaring the necessity for the replacement and upgrade of water mains along a portion of Sixth Street between Elm Street and Broadway, and transferring all fire hydrants and customer services along a portion of Broadway between Fourth Street and Seventh Street; stating the nature of and the estimate of the cost of the improvement; providing for payment for the improvement; providing for compliance with the prevailing wage law; and setting a public hearing.

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF COLUMBIA, MISSOURI, AS FOLLOWS:

SECTION 1. The Council finds and determines that the replacement and upgrade of 4-inch cast iron pipes with 8-inch PVC water mains along a portion of Sixth Street between Elm Street and Broadway, and transferring all fire hydrants and customer services from an existing 4-inch water main to an existing 12-inch water main along a portion of Broadway between Fourth Street and Seventh Street, is necessary for the welfare and improvement of the City and that it is in the public interest that such improvement be made.

SECTION 2. The nature and scope of the improvement shall consist of furnishing all labor, materials, transportation, insurance and all other items, accessories and incidentals thereto necessary for the complete construction of the improvements.

SECTION 3. The estimated cost of this improvement is \$300,000.00.

SECTION 4. Payment for this improvement shall be made from the Water and Electric Fund using funds appropriated in Capital Improvement Project No. WT0177 and such other funds as may be lawfully appropriated.

SECTION 5. Any work done in connection with the construction of the improvement specified above shall be in compliance with the provisions of the prevailing wage laws of the State of Missouri.

SECTION 6. A public hearing in respect to this improvement will be held in the Council Chamber of the City Hall Building, 701 E. Broadway, Columbia, Missouri, at 7:00 p.m. on November 16, 2015. The City Clerk shall cause notice of this hearing to be published in a newspaper published in the City.

ADOPTED this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

ATTEST:

\_\_\_\_\_  
City Clerk

\_\_\_\_\_  
Mayor and Presiding Officer

APPROVED AS TO FORM:

\_\_\_\_\_  
City Counselor

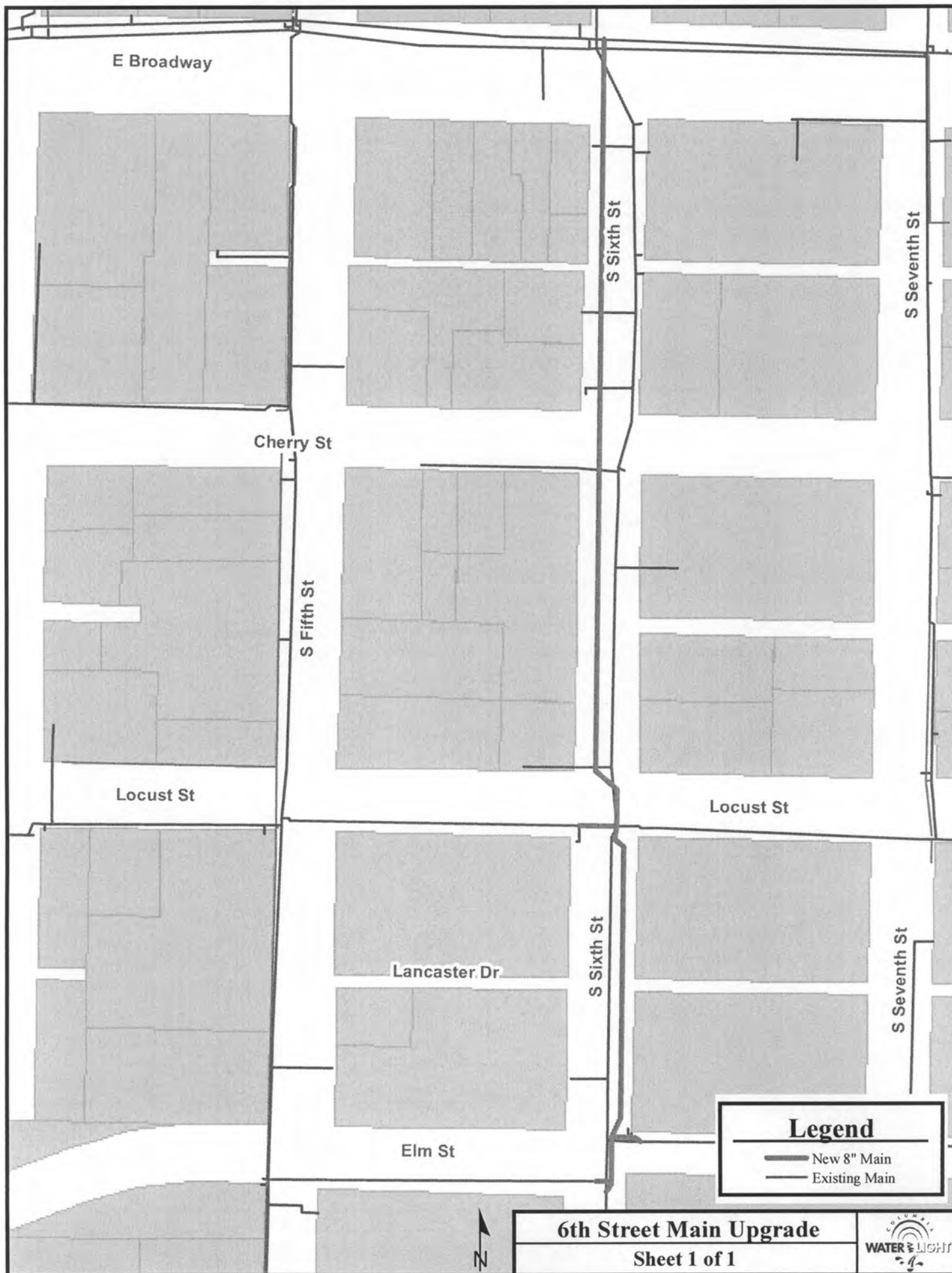
City of Columbia

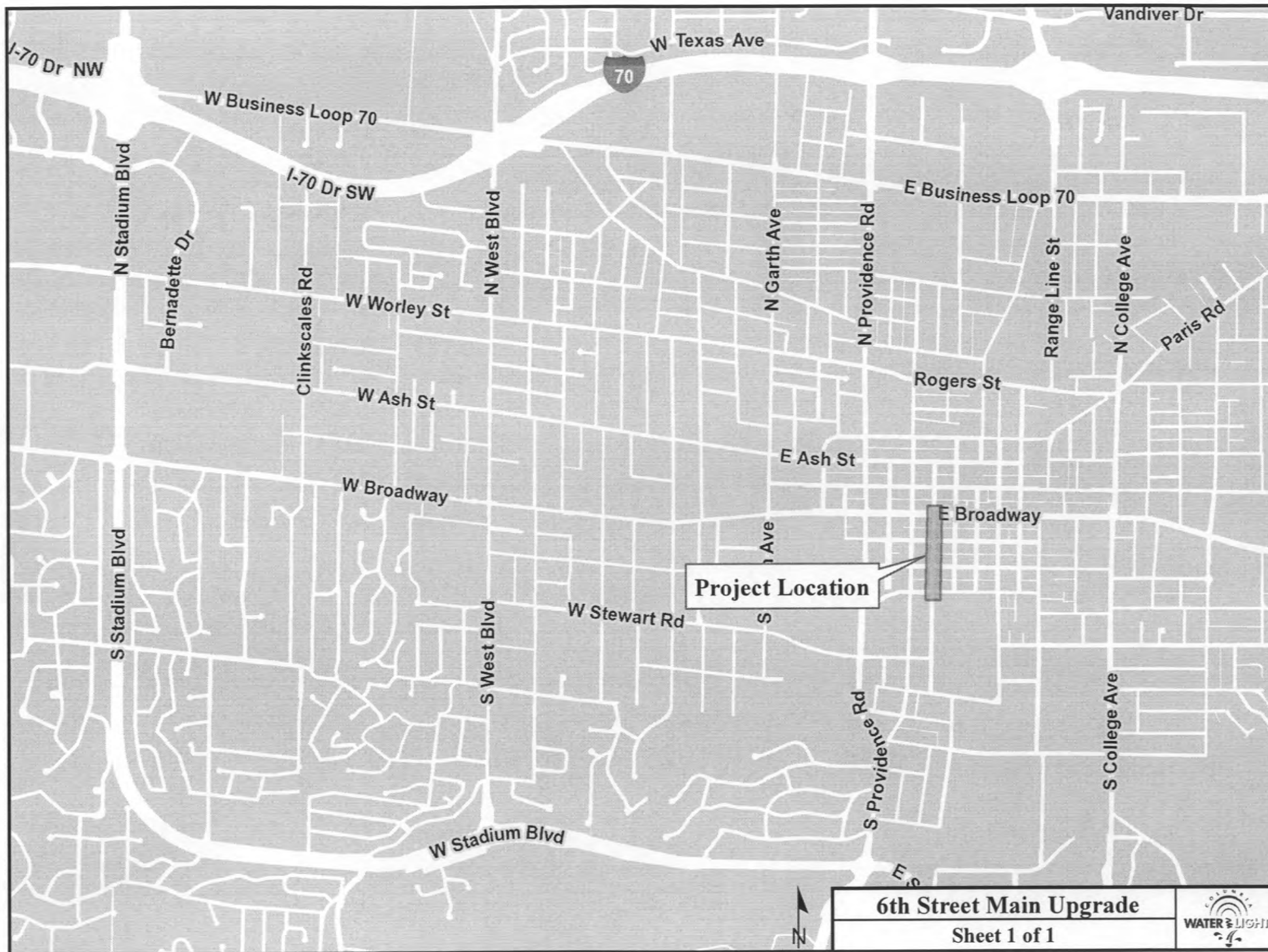
701 East Broadway, Columbia, Missouri 65201



**SUPPORTING DOCUMENTS INCLUDED WITH  
THIS AGENDA ITEM ARE AS FOLLOWS:**

Diagrams (construction, route, etc.)





6th Street Main Upgrade

Sheet 1 of 1

