

City of Columbia

701 East Broadway, Columbia, Missouri 65201



Agenda Item Number: (F)

Department Source: Water & Light

To: City Council

From: City Manager & Staff

Council Meeting Date: 8/3/2015

Re: Public Hearing - Manor Drive Water Main Upgrade

Documents Included With This Agenda Item

Council memo

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

Executive Summary

This public hearing is for the upgrade of aging water distribution infrastructure along Manor Drive from Broadway to Rollins Road. The estimated cost for this improvement is \$466,000 and funding of \$581,000 has been appropriated under project number WT0248 of the Capital Improvement Program. An interested parties meeting was held for this project on May 27, 2015.

Discussion

The Columbia Water & Light Department has identified the need to upgrade water distribution infrastructure along Manor Drive from Broadway on the North limit of the project to Rollins Road on the South limit. The existing mains through the project corridor are mostly 6-inch cast iron along with some 4-inch and smaller water mains. These aging water mains have experienced multiple breaks and are nearing the end of their service life. This project will replace the existing mains with new 8-inch PVC. The new main will provide greater reliability for customer's water supply as well as increase available flow to the area for fire protection.

This water main replacement is planned to take place within existing right of way on the west side of the road. The existing main is on the west side of the road and the new one will be installed parallel to it behind the back of curb where proper clearance from existing utilities can be obtained. Where clearance cannot be obtained for construction of the main it will be installed within the street pavement. Multiple backyard mains through the project corridor that will be removed from service by tying any customers served from them to the new main on Manor Drive.

An interested parties meeting was held for this water main replacement project on May 27, 2015 in which residents were invited to view the Water & Light Department's intended plans and provide feedback. No negative feedback was received in regards to the water main replacement.

To minimize the time residents are impacted by construction this project is being coordinated with a proposed sidewalk improvement which is primarily on the East side of Manor Drive. Both projects will be sharing the right of Way corridor on the North end of the project near Unity Church where the

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sidewalk will be built over the newly constructed main.

Included with this public hearing is an ordinance authorizing construction of the Manor Drive water main upgrade through the use of city staff or contracted forces.

Fiscal Impact

Short-Term Impact: Funding of \$581,000 has been appropriated for the Manor Drive water main upgrade under the Capital improvement Program project number WT0248

Long-Term Impact: None

Vision, Strategic & Comprehensive Plan Impact

Vision Impact: Development

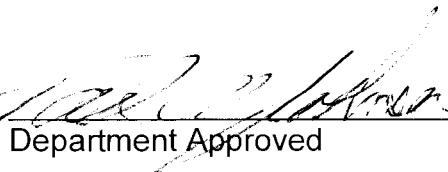
Strategic Plan Impact: Infrastructure

Comprehensive Plan Impact: Infrastructure

Suggested Council Action

Council determination it is in the public interest to the upgrade of aging water distribution infrastructure along Manor Drive from Broadway to Rollins Road and approval of the Council Bill authorizing the construction.

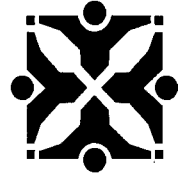
Legislative History


Department Approved


City Manager Approved

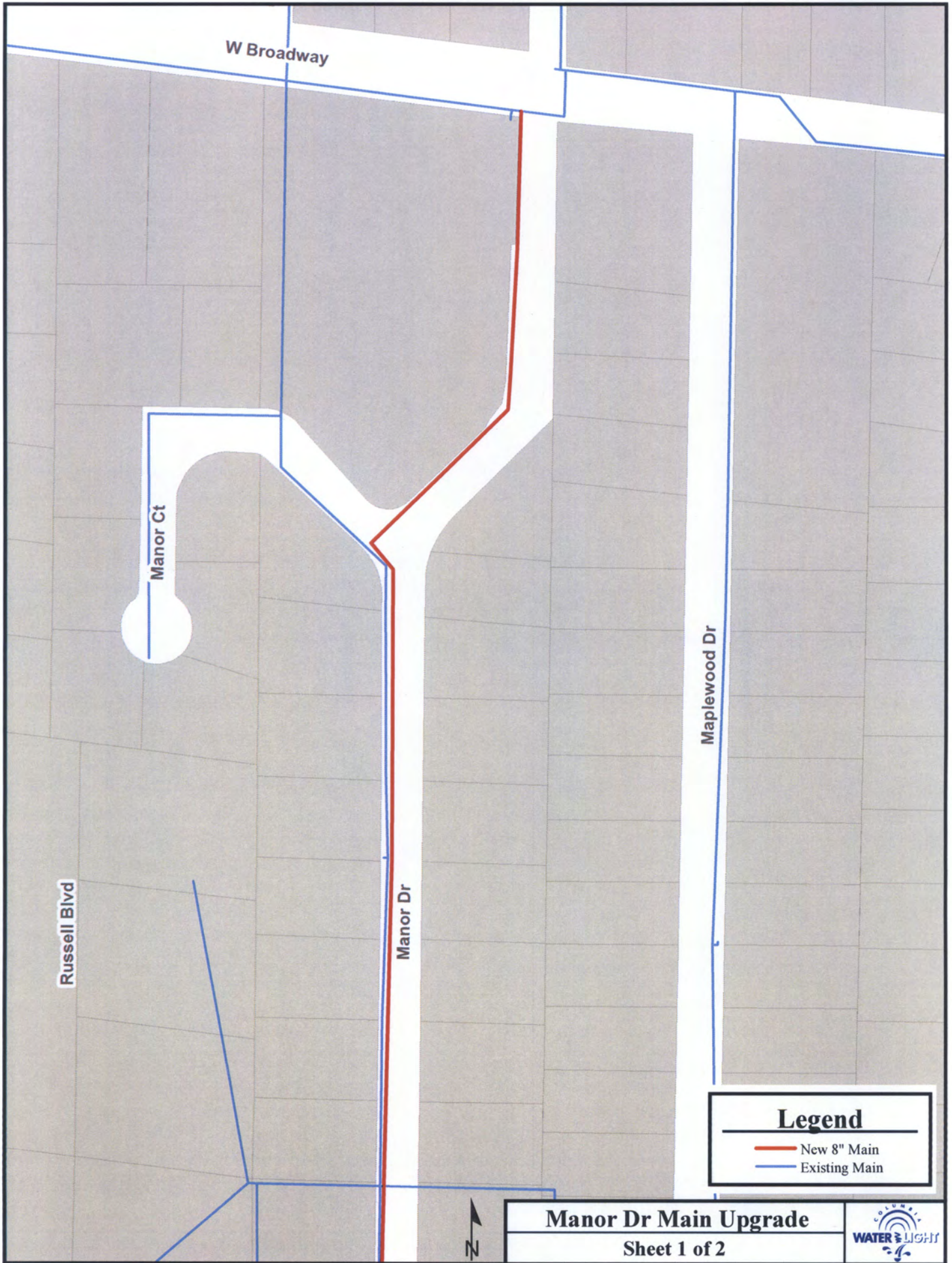
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SUPPORTING DOCUMENTS INCLUDED WITH THIS AGENDA ITEM ARE AS FOLLOWS:

Diagrams (construction, route, etc.)



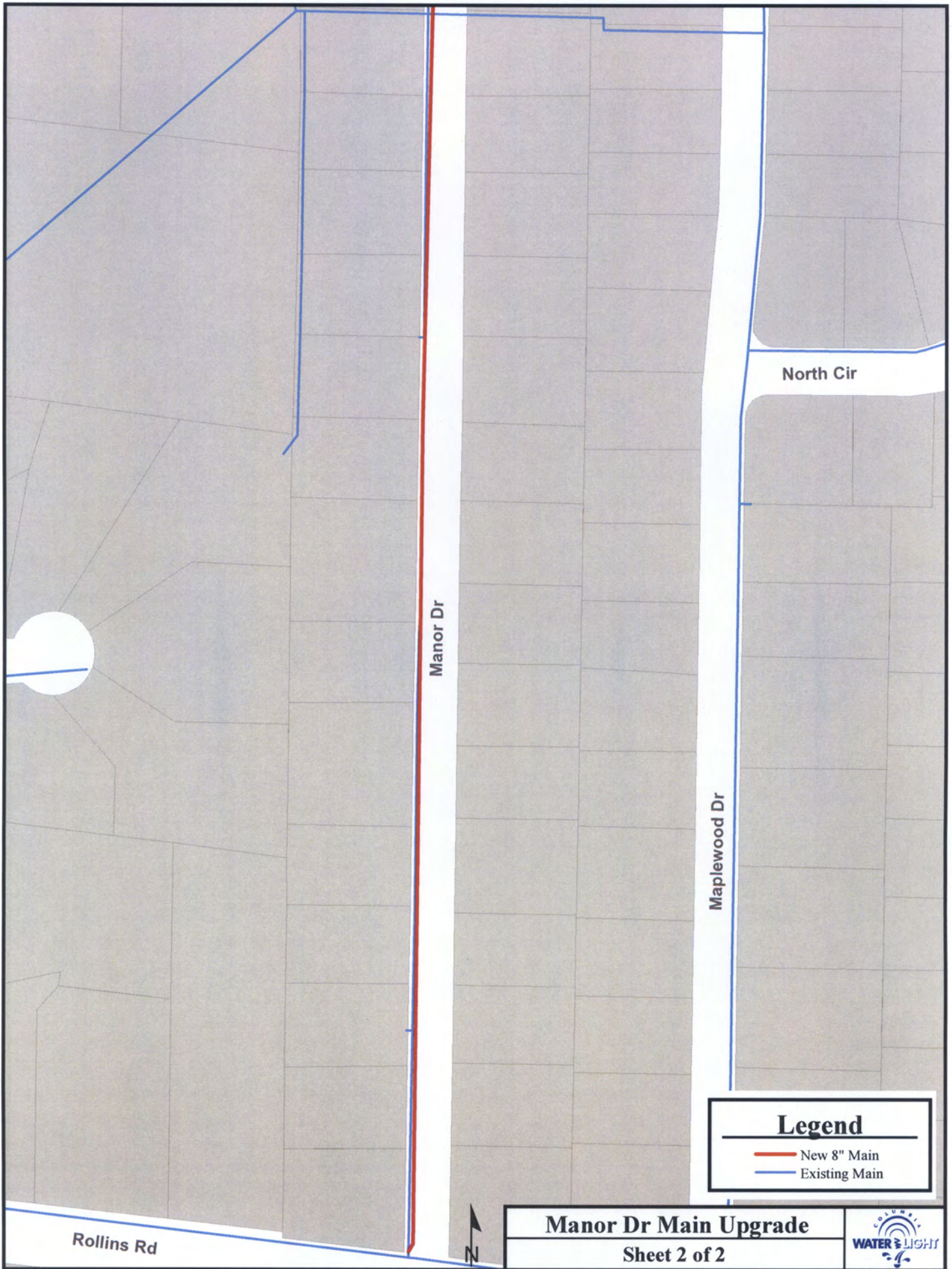
Legend

- New 8" Main
- Existing Main

Manor Dr Main Upgrade

Sheet 1 of 2





North Cir

Manor Dr

Maplewood Dr

Rollins Rd

Legend

- New 8" Main
- Existing Main

Manor Dr Main Upgrade

Sheet 2 of 2

