

# City of Columbia

701 East Broadway, Columbia, Missouri 65201



**Agenda Item Number:** (A)

**Department Source:** Public Works

**To:** City Council

**From:** City Manager & Staff

**Council Meeting Date:** November 3, 2014

**Re:** Public Hearing - Woodrail Sewer Replacement Project

## Documents Included With This Agenda Item

Council Memo, Resolution/Ordinance

**Supporting documentation includes:** Maps, Contact Log

## Executive Summary

Setting a Public Hearing for December 1, 2014 concerning the construction of sanitary sewer mains to improve two existing sanitary sewer mains in Woodrail subdivision. One of the existing sewer mains is located in the common area between Woodbine Drive and Honeysuckle Drive; the other is located in the common area between Honeysuckle Drive and Woodkirk Drive. The resolution estimate for this project is \$283,000.

## Discussion

This proposed sanitary sewer improvement project consists of replacing approximately 1,105 linear feet of existing 8-inch ductile iron sewer main. The existing sewer main was constructed in the early 1970's, and because of the rocky terrain in the area, the developer was allowed to construct portions of the sewer main above ground, making it prone to freezing. When temperatures fall below 20 degrees for a week or longer, Sewer Utility operations personnel must remove the ice from the sewer lines with a sewer jet truck. During extremely cold times of the year, the City sewer mains and private service laterals can freeze solid and break, which result in raw sewage being discharged into the creek.

The purpose of this improvement project is to bury the City sewer mains, and portions of the private service laterals, where most of the freezing problems occur. The sewer mains are located in the common area between the homes which is heavily wooded with rocky steep slopes. The attached map shows the location and layout of the proposed project.

Construction of the proposed sewer mains will consist of offsetting the pipe approximately 10-feet from the existing sewer main, and burying the pipe. Some tree removal and chipping through rock is to be expected with this project. The proposed sewer Line A will consist of approximately 755 linear feet of 8-inch PVC pipe and nine (9) manholes. The proposed sewer Line B will consist of approximately 350 linear feet of 8-inch PVC pipe and five (5) manholes.

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Staff held an Interested Parties meeting on October 9, 2014. Two property owners attended and indicated their support for the sanitary sewer improvements. The property owners that connect directly to the proposed sewer main to be replaced, were contacted by phone or by letter in order to discuss the project. Seven property owners connect to sanitary sewer Line A, and two property owners connect to sanitary sewer Line B. A contact log is attached.

## Fiscal Impact

Short-Term Impact: The estimated cost of the sanitary sewer improvement project is \$283,000, and will be funded by the Sanitary Sewer Utility CIP.

Long-Term Impact: This sewer improvement project will reduce the workload for Sewer Utility operations personnel staff by eliminating the need to perform the preventative maintenance and repair work currently required during extended periods of cold weather.

## Vision, Strategic & Comprehensive Plan Impact

Vision Impact: Environment

Strategic Plan Impact: Infrastructure

Comprehensive Plan Impact: Environmental Management, Infrastructure

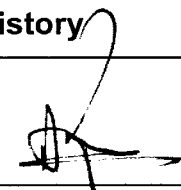
## Suggested Council Action

Following public input and Council discussion at the public hearing, Council should direct staff to proceed with final plans, specifications, and construction of the Woodrail Sewer Replacement project.

## Legislative History

10/9/14 - Interested Parties Meeting

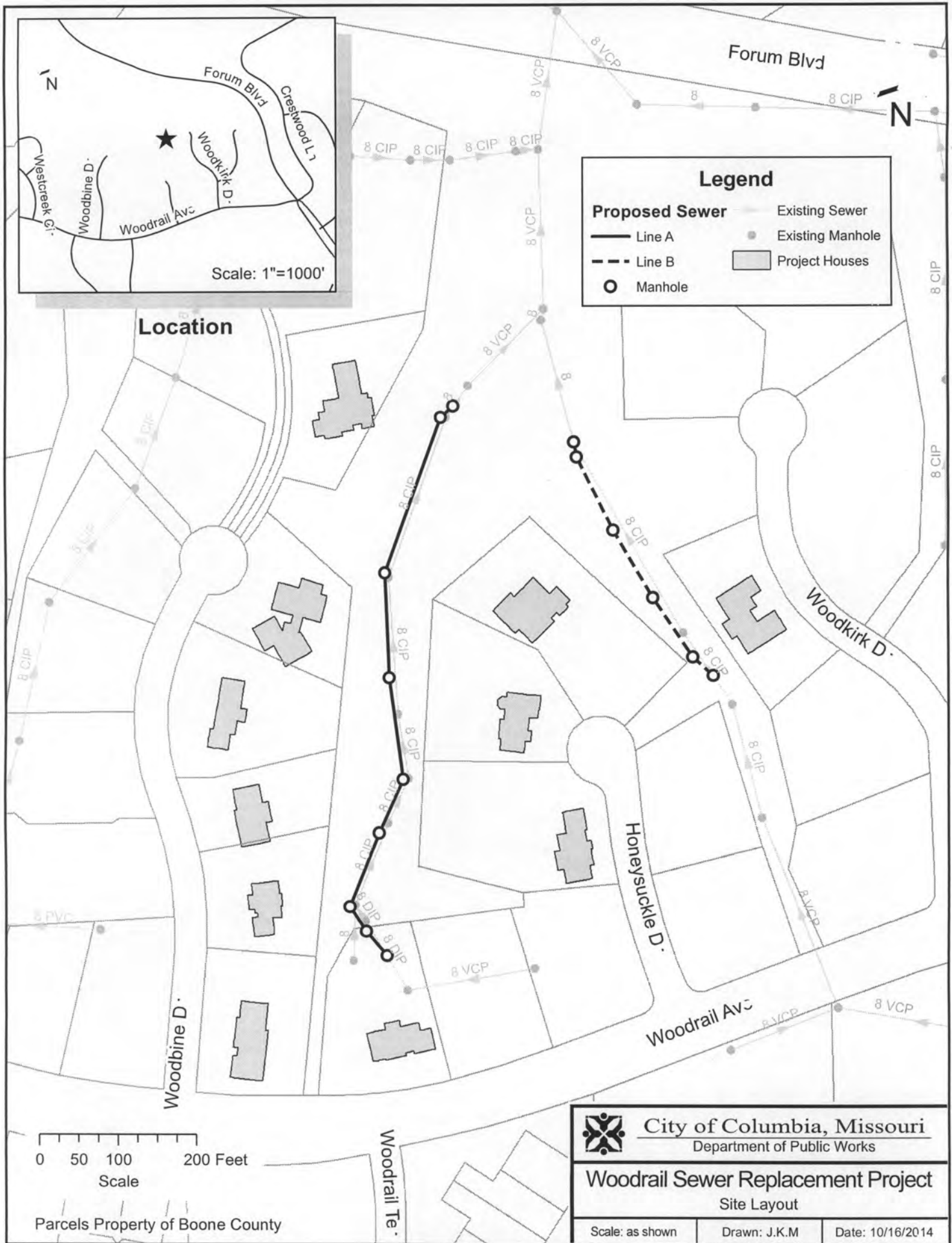
  
Department Approved

  
City Manager Approved



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

Maps, Contact Log



PROPERTY OWNER CONTACT LOG  
WOODRAIL SEWER REPLACEMENT PROJECT

HOUSE ADDRESS	OWNER	MAILING ADDRESS	COMMENTS
3212 WOODBINE	HENRY & DOU-MEI SUSIE LIU		10/16: Mailed letter to property owners describing project and asking them to contact me with any questions.
1515 WOODRAIL	RICHARD & LINDA ROYER		Attended IP Meeting. Mr. Royer is the homeowner association president. Good with project and will help contact property
3208 WOODBINE	RALPH & HELEN DANLEY		10/15: Called and talked with Mr. Danley. Explained project and answered questions. Good with project.
3207 HONEYSUCKLE	JAMES & MARY KATHLEEN SCHAUWECKER		10/15: Called and talked with Mr. Schauwecker. Explained project and answered questions. Good with project.
3200 WOODBINE	HARRY & ANN SULZBERGER		10/15: Called and talked with Mr. Sulzberger. Explained project and answered questions. Good with project.
3201 HONEYSUCKLE	JASON & RACHEL LAWLESS		10/16: Mailed letter to property owners describing project and asking them to contact me with any questions.
3200 HONEYSUCKLE	ERVIN & NANCY LEE MERTZLUFFT		10/15: Called and talked with Mrs. Mertzlufft. Explained project and answered questions. Property owner did not like the tree loss.
3105 WOODKIRK	FEDERAL HOME LOAN MORTGAGE CORPORATION	1410 SPRINGHILL RD MCLEAN, VA 22102	
3108 WOODBINE	GARELD PENDERGRASS & PAMELA CARSON		10/15: Called and talked with Mr. & Mrs. Pendergrass. Explained project and answered questions. Property owners asked about tree loss. Good with project.
3204 WOODBINE	WILLIAM & JULIET HARRIS		10/16: Left phone message describing project and contact information if property owner would like to call and discuss.
COMMON LOT	WOODRAIL HOME OWNERS ASSOCIATION	1101 E BROADWAY COLUMBIA, MO 65201	Spoke with neighborhood president at IP Meeting. He was going to look into the bylaws about obtaining easements in the common area. Can help with contacting property owners.

Introduced by \_\_\_\_\_ Council Bill No. R 204-14

### **A RESOLUTION**

declaring the necessity for construction of the Woodrail Sewer Replacement Project; 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 City Council deems the replacement of approximately 1,105 linear feet of existing 8-inch ductile iron sewer main with 8-inch PVC pipe, and construction of manholes and other necessary appurtenances, all in accordance with City of Columbia Street and Storm Sewer Specifications and Standards, as part of the Woodrail Sewer Replacement Project in the City of Columbia, Missouri, is necessary for the welfare and improvement of the city and that it is in the public interest that such improvements 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 \$283,000.00.

SECTION 4. Payment for this improvement shall be made from sanitary sewer utility funds 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 December 1, 2014. The City Clerk shall cause notice of this hearing to be published in a newspaper published in the City.

ADOPTED this \_\_\_\_\_ day of \_\_\_\_\_, 2014.

ATTEST:

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City Clerk

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Mayor and Presiding Officer

APPROVED AS TO FORM:

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City Counselor