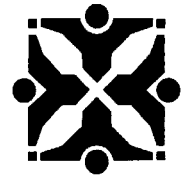


# City of Columbia

701 East Broadway, Columbia, Missouri 65201



**Agenda Item Number:** R102-14

**Department Source:** Water & Light

**To:** City Council

**From:** City Manager & Staff

**Council Meeting Date:** June 2, 2014

**Re:** Public Hearing - Extension of Rebel Hill Feeder Circuit 212

## Documents Included With This Agenda Item

Council memo, Resolution/Ordinance, Exhibit to the Ordinance

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

## Executive Summary

Staff has prepared for Council consideration a resolution setting a public hearing on June 16, 2014 for the construction of the proposed Rebel Hill feeder circuit 212 to provide additional load serving capacity to the downtown area. This feeder extension project is estimated to cost \$1,400,000. Initial funding for this project in the amount of \$1,000,000 has been appropriated in Capital Improvement Project EL0188. The project will be completed using a combination of contract account labor and City forces. An interested parties meeting for this project was conducted with the adjacent property owners and residents in the Council chambers on May 29, 2014.

## Discussion

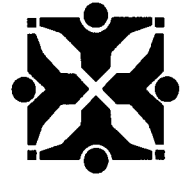
The Water & Light Department is proposing the extension of an electric distribution circuit from Water and Light's Rebel Hill Substation to supply additional electric load serving capacity Columbia's downtown area. The Rebel Hill Substation is located on the eastern side of the service territory on St. Charles Road adjacent to the Rebel Hill residential manufactured home park. This proposed feeder extension will provide approximately 5MW of additional electric service capacity for the downtown area of Columbia in addition to increasing system reliability by providing additional system switching capabilities. This project proposes to follow mostly exiting distribution feeder circuit routes and will include both new and existing electrical distribution circuits. This extension will be comprised of many different segments. Each new circuit segment will be built underground, while existing circuits that are utilized may require either no improvement, replacement of conductors to increase capacity and efficiency, or complete overhead rebuild. A map showing the proposed route and infrastructure details is included.

Upon Council approval for the extension of Rebel Hill feeder circuit 212, final plans will be completed and issued to Water and Light distribution crews for construction. Work is scheduled to begin this summer with the goal of having the line extension completed and in service by summer 2015.

## Fiscal Impact

# City of Columbia

701 East Broadway, Columbia, Missouri 65201



The estimated cost of this improvement is \$1,400,000. Funding of \$1,000,000 for this project has been transferred from project EL0115, Substation Feeders, to project EL0188, Rebel Hill Feeder Circuit 212, in the current Capital Improvement Program.

Short-Term Impact: \$1,400,000

Long-Term Impact: NA

## Vision, Strategic & Comprehensive Plan Impact

Vision Impact: Downtown

Strategic Plan Impact: Infrastructure

Comprehensive Plan Impact: Infrastructure

## Suggested Council Action

Staff recommends approval of the resolution setting a Public Hearing. Following input at the public hearing and after Council consideration, staff recommends approval an ordinance authorizing staff to proceed with the preparation of final plans and issuance for construction.

## Legislative History

  
Department Approved

  
City Manager Approved

Introduced by \_\_\_\_\_ Council Bill No. R 102-14

### **A RESOLUTION**

declaring the necessity for the extension of an electric distribution circuit from the Rebel Hill Substation located on St. Charles Road to provide additional load serving capacity to the downtown area; stating the nature of and the estimated cost of the project; providing for payment for the improvement; determining that the work shall be done by City employees; 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 extension of an electric distribution circuit from the Rebel Hill Substation located on St. Charles Road to provide additional load serving capacity to the downtown area, to be known as the Rebel Hill Feeder Circuit 212 project, is necessary to the welfare and improvement of the City.

SECTION 2. The estimated cost of this improvement is \$1,400,000.

SECTION 3. Payment for this improvement shall be made from the Water and Electric Fund using funds appropriated in Capital Improvement Project No. EL0188 and such other funds as may be lawfully appropriated.

SECTION 4. The above described work shall not be bid but shall be constructed by city employees as advised by the City Manager.

SECTION 5. 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 June 16, 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:

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

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

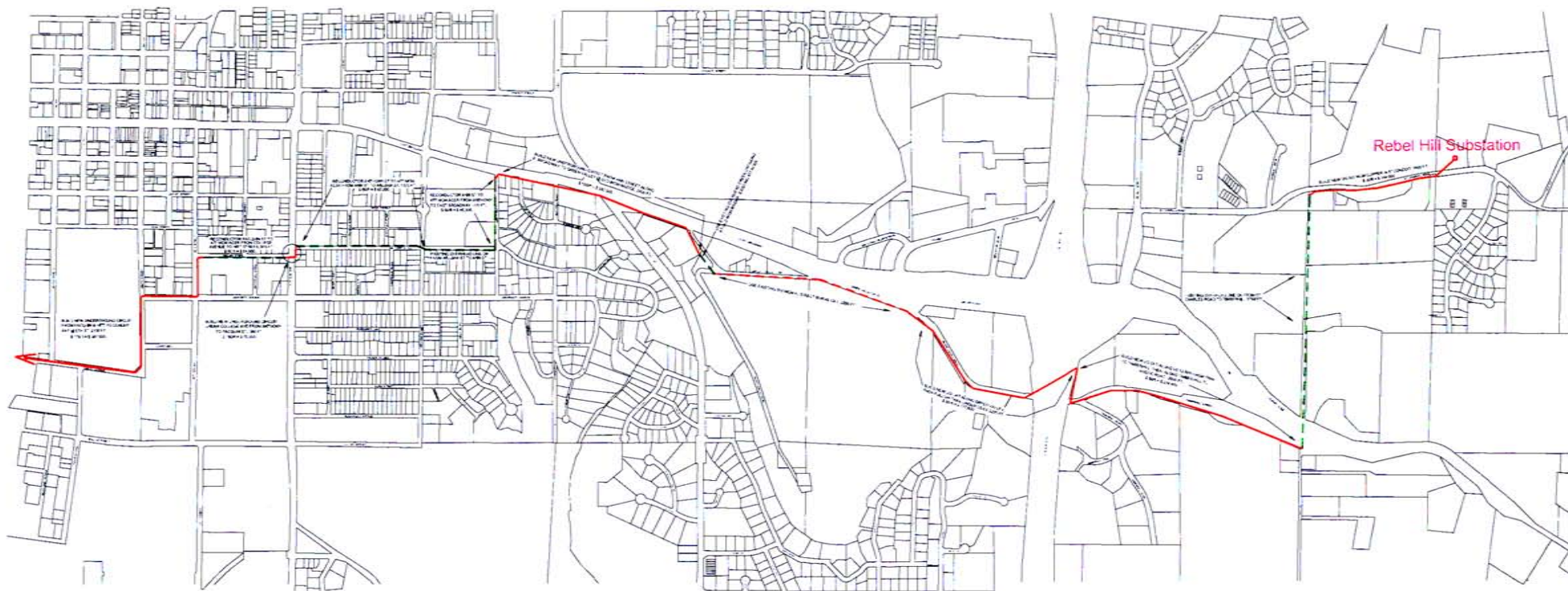
APPROVED AS TO FORM:

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



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

Diagrams (construction, route, etc.)



## EXTEND REBEL HILL CIRCUIT 212 TO 9TH & UNIVERSITY, 5TH & CONLEY

- EXISTING OVERHEAD CIRCUIT (MAY NEED TO BE RECONDUCTORED)
- EXISTING UNDERGROUND CIRCUIT, DIRECT BURIAL 500 MCM ALUMINUM
- NEW UNDERGROUND CIRCUIT, 500 MCM COPPER IN 5" CONDUIT