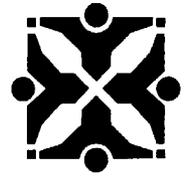


# City of Columbia

701 East Broadway, Columbia, Missouri 65201



**Agenda Item Number:** B149-14

**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

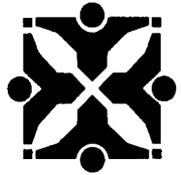
The Water & Light Department is proposing the extension of an electric distribution circuit from Water and Light's Rebel Hill Substation to supply additional electric load serving capacity Columbia's downtown area. The Rebel Hill Substation is located on the eastern side of the service territory on St. 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 \_\_\_\_\_

First Reading \_\_\_\_\_

Second Reading \_\_\_\_\_

Ordinance No. \_\_\_\_\_

Council Bill No. B 149-14

**AN ORDINANCE**

declaring it is in the public interest to proceed with 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; directing that plans and specifications for the improvement be prepared; determining that the work shall be done by City employees; providing for payment for the improvement; and fixing the time when this ordinance shall become effective.

WHEREAS, the City Council adopted a resolution declaring the necessity of extending an electric distribution circuit from the Rebel Hill Substation located on St. Charles Road to provide additional load serving capacity to the downtown area; and

WHEREAS, the notice of a public hearing on this project was published in a daily newspaper of general circulation in the city; and

WHEREAS, the City Council has held a public hearing on construction of the improvement.

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

SECTION 1. The City Council finds that 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 for the welfare and improvement of the City and that it is in the public interest that such improvements be made.

SECTION 2. The route and general location for the extension of such improvement, as attached hereto in Diagram A, is hereby approved and the City Manager is directed to have plans and specifications prepared.

SECTION 3. As deemed advisable by the City Manager, City employees shall be used to construct the improvements.

SECTION 4. 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 5. This ordinance shall be in full force and effect from and after its passage.

PASSED this \_\_\_\_\_ day of \_\_\_\_\_, 2014

ATTEST:

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

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

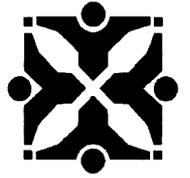
APPROVED AS TO FORM:

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



## 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



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

Diagrams (construction, route, etc.)



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