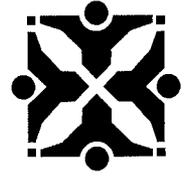


# City of Columbia

701 East Broadway, Columbia, Missouri 65201



**Agenda Item Number:** B 140-15

**Department Source:** Public Works

**To:** City Council

**From:** City Manager & Staff

**Council Meeting Date:** 6/1/2015

**Re:** Easement Acquisition and Bid Call - Worley Street and Clinkscases Road Intersection Improvements

## Documents Included With This Agenda Item

Council memo, Resolution/Ordinance

**Supporting documentation includes:** Maps, Plats and Plans

## Executive Summary

Authorizing the acquisition of necessary easements, and a bid call through the Purchasing Division, for construction of improvements to the intersection of Worley Street and Clinkscases Road, as shown on the attached location map and plan sheets. A public hearing for this project was held on May 4, 2015 and an Interested Parties (IP) meeting was held on February 5, 2015.

## Discussion

The Worley Street and Clinkscases Road Intersection Improvements project consists of the installation of crosswalks on all four legs of the intersection and new signal equipment, including audible pedestrian signals with countdown timers and flashing yellow left turn arrows on Worley Street. The project also includes the reconstruction of the two sidewalk ramps on the south side, which will be necessary to meet current ADA regulations. Permanent easements are needed on two (2) tracts of land from two (2) separate property owners. Right of Way plans showing the proposed easements are attached.

This project will connect the recently constructed sidewalk projects along Worley Street and provide ADA accessible connectivity on Worley Street, from West Boulevard to Bernadette Drive. The Worley Street Sidewalk Phase 1 project, from Clinkscases eastward to the Columbia/Boone County Public Health and Human Services building, was completed in 2011. The Worley Street Sidewalk Phase 2 project, from Clinkscases westward to Bernadette, was completed in 2014.

## Fiscal Impact

**Short-Term Impact:** The construction concept cost estimate for this project is \$146,000 and will be funded by Community Development Block Grant funds.

**Long-Term Impact:** The additional cost of maintenance for this project is negligible compared to the cost of maintenance for the existing intersection and equipment.

# City of Columbia

701 East Broadway, Columbia, Missouri 65201



## Vision, Strategic & Comprehensive Plan Impact

Vision Impact: Transportation

Strategic Plan Impact: Infrastructure

Comprehensive Plan Impact: Infrastructure, Mobility, Connectivity, and Accessibility

## Suggested Council Action

Authorize the bid call and easement acquisition for the construction of the Worley Street and Clinkscales Road Intersection Improvements project.

## Legislative History

**4/6/15** (R52-15) Setting a public hearing for May 4, 2015.

**2/5/15** Interested Parties Meeting

**10/6/14** (R 187-14) Authorizing an Engineering Services Agreement with Bartlett and West for design of the project.

**6/20/14** Community Development Commission released 2015 CDBG Funding recommendations.

**4/30/14** Public Works applied for Community Development Block Grant funding for this project.

  
\_\_\_\_\_  
Department Approved

  
\_\_\_\_\_  
City Manager Approved

Introduced by \_\_\_\_\_

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

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

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

Council Bill No. B 140-15

**AN ORDINANCE**

determining it is in the public interest to construct improvements to the intersection of Worley Street and Clinkscases Road; approving and adopting plans and specifications; determining that the work shall be done by contract; calling for bids through the Purchasing Division; providing for payment for the improvement; authorizing the City Manager to obtain, execute and record all documents necessary for the improvement; providing for compliance with the prevailing wage law and state-mandated construction safety training; and fixing the time when this ordinance shall become effective.

WHEREAS, the City Council adopted a resolution declaring the necessity of constructing improvements to the intersection of Worley Street and Clinkscases Road; 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.

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

SECTION 1. The Council finds that the construction of crosswalks across all four legs of the Worley Street and Clinkscases Road intersection, installation of audible pedestrian signals with countdown timers, installation of flashing yellow left turn arrows on Worley Street, the reconstruction of two sidewalk ramps to meet ADA requirements and other miscellaneous work, all in accordance with City of Columbia Street and Storm Sewer Specifications and Standards, 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 plans and specifications for this improvement, as prepared by the Director of Public Works, are hereby approved and made a part of this ordinance by reference.

SECTION 3. The construction of the improvement shall be done by contract in accordance with the plans and specifications, the laws of the State of Missouri, and the Charter and Ordinances of the City of Columbia, Missouri.

SECTION 4. The Purchasing Agent is hereby authorized to call for bids and execute a contract for the improvement.

SECTION 5. Payment for this improvement shall be made from Community Development Block Grant funds and such other funds as may be lawfully appropriated.

SECTION 6. The City Manager is authorized to obtain, execute and have recorded all licenses, easements, deeds and any other conveyances or instruments necessary for the City to complete this improvement.

SECTION 7. The contract for the improvement shall provide that not less than the prevailing hourly rate of wages, as found by the Department of Labor and Industrial Relations of Missouri, shall be paid to all workers performing work under the contract. The contractor's bond shall guarantee the faithful performance of the prevailing hourly wage clause in the contract. The City shall also cause to be inserted into the contract a stipulation that all laborers and mechanics employed by the contractor or subcontractors in the performance of work under the contract shall be paid wages at rates not less than those prevailing on similar construction in the locality as determined by the Secretary of Labor in accordance with the Davis-Bacon Act.

SECTION 8. The bid specifications and contract for the improvement shall provide that the contractor and any subcontractor shall provide a ten-hour Occupational Safety and Health Administration construction safety program (or a similar program approved by the Missouri Department of Labor and Industrial Relations) for all employees working on-site. All employees working on the site of the improvement are required to complete the safety program within 60 days of beginning work on the improvement project.

SECTION 9. This ordinance shall be in full force and effect from and after its passage.

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

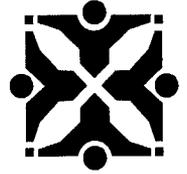
ATTEST:

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

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

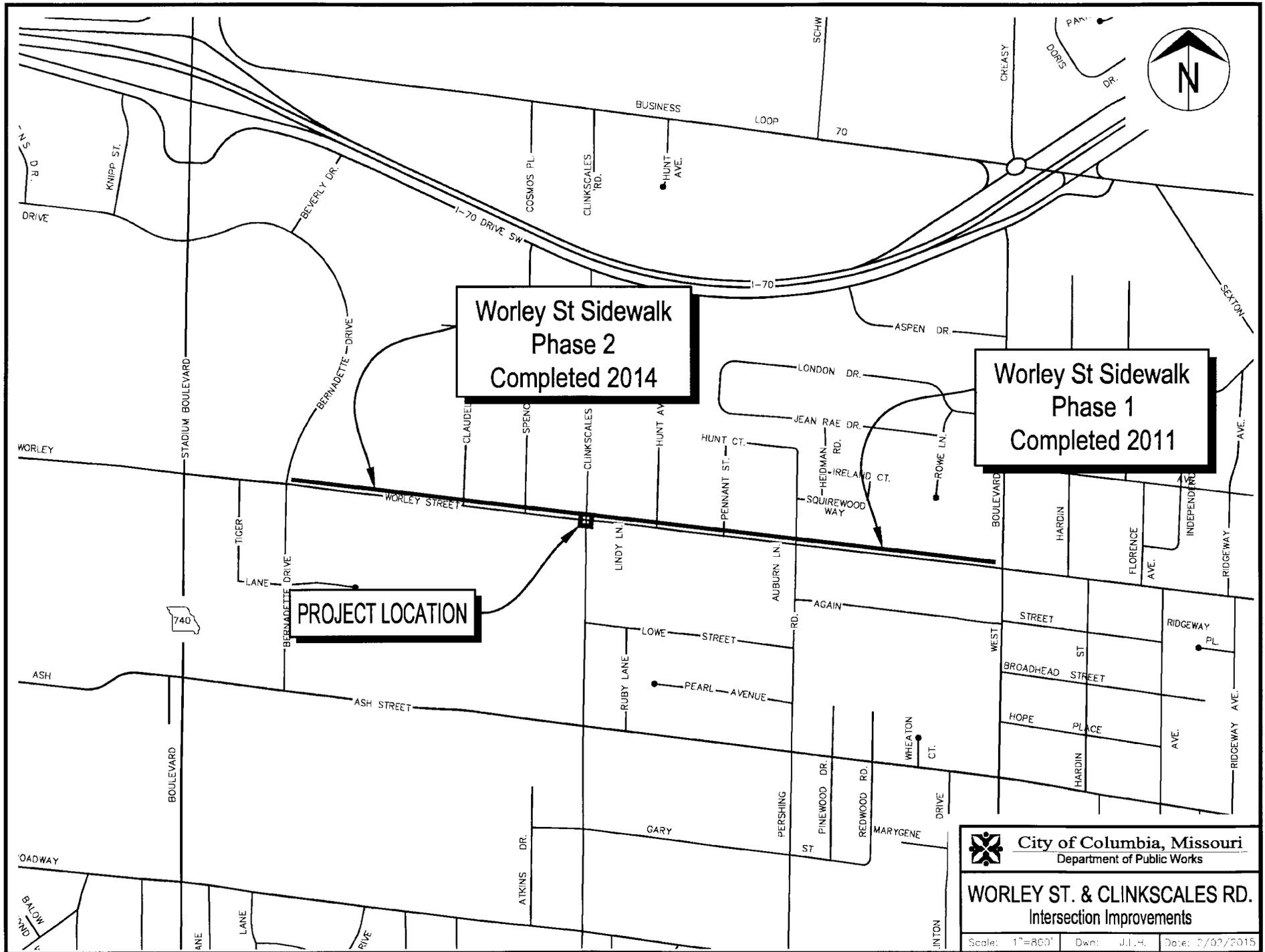
APPROVED AS TO FORM:

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



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

Maps, Plats and Plans



# City of Columbia, Missouri

## Department of Public Works



PROJECT LOCATION

LOCATION MAP

NO SCALE

# WORLEY STREET AND CLINKSCALES ROAD

## INTERSECTION IMPROVEMENTS

### GENERAL NOTES

- All construction to be in accordance with "City of Columbia Street and Storm Sewer Specifications and Standards" (Current edition).
- The information shown in these plans concerning type and locations of underground utilities is not guaranteed to be accurate or all inclusive. It shall be the sole responsibility of the contractor to locate, protect, and restore all existing utilities encountered on this project. Notify Missouri One-Call (1-800-DIG-RITE) for the location of the utilities at least 5 days prior to construction. Contractor is to be aware that some utilities do not participate in the Missouri "One-Call" system. These utilities will need to be contacted individually.
- All removal of driveway pavements should be verified by field engineer.
- All excavation to be in accordance with Sections 319.010-319.050, Revised Statutes of the State of Missouri. Such compliance shall not, however, excuse any person making any excavation from doing so in a careful and prudent manner, nor shall it excuse such person from liability for any damage or injury to underground utilities resulting from the excavation.
- All RCP is Class III unless otherwise indicated.
- All disturbed earth areas shall be restored as per TS-\_\_\_ Seeding and TS \_\_\_ Erosion Control.
- Remove all pavement surfaces, inlets, pipes and sidewalks within the construction limits as per TS-\_\_\_, except those noted to remain. The field inspector shall verify removal of all driveway pavement.
- Removal of trees and bushes shall be verified by field inspectors. Exercise caution when working near the construction limits to minimize disturbance to adjacent trees and shrubs that are not being removed by construction activities.
- Backfill of reinforced concrete pipe shall be 1 inch clean rock or soil compacted to 90 percent of standard proctor density as per TS-\_\_\_
- No open trenches will be allowed overnight outside of the "road closed" area. Asphaltic "cold mix" shall be used as a temporary patch overnight. Temporary patching shall be considered incidental to the work.
- Construction shall meet ADA Requirements. Any construction that does not meet ADA requirements must be removed and replaced at the contractor's expense.
- Sidewalk landings shall have maximum of 2% cross slope in both directions and shall be installed at top of ramps unless otherwise noted.
- The Removal of Improvements pay item shall be considered to completely cover the cost for saw cutting and removing existing curb and gutter, pavement, driveways, foundations, grinding of surfaces, and any other items needed to complete the proposed project.
- Contractor is responsible for replacing any property or Right-of-Way monuments that are removed with this project.

**TELEPHONE**  
CenturyLink  
625 Cherry Street  
Columbia, MO 65205  
573-886-3505

**NATURAL GAS**  
Ameren Missouri  
2001 Maguire Boulevard  
Columbia, MO 65201  
573-876-3030

**CABLE TELEVISION**  
Mediacom  
901 N. College Avenue  
Columbia, MO 65201  
573-443-1536 ext 354

**LOCATES**  
Missouri One Call Inc.  
1022 B Northeast Drive  
Jefferson City, MO 65109  
1-800-344-7483

**WATER**  
City of Columbia  
P.O. Box 6015  
Water & Light Department  
Columbia, MO 65205  
573-874-7301

**ELECTRIC**  
City of Columbia  
P.O. Box 6015  
Water & Light Department  
Columbia, MO 65205  
573-874-7301

**SANITARY SEWER**  
City of Columbia  
P.O. Box 6015  
Public Works Department  
Columbia, MO 65205  
573-874-7250

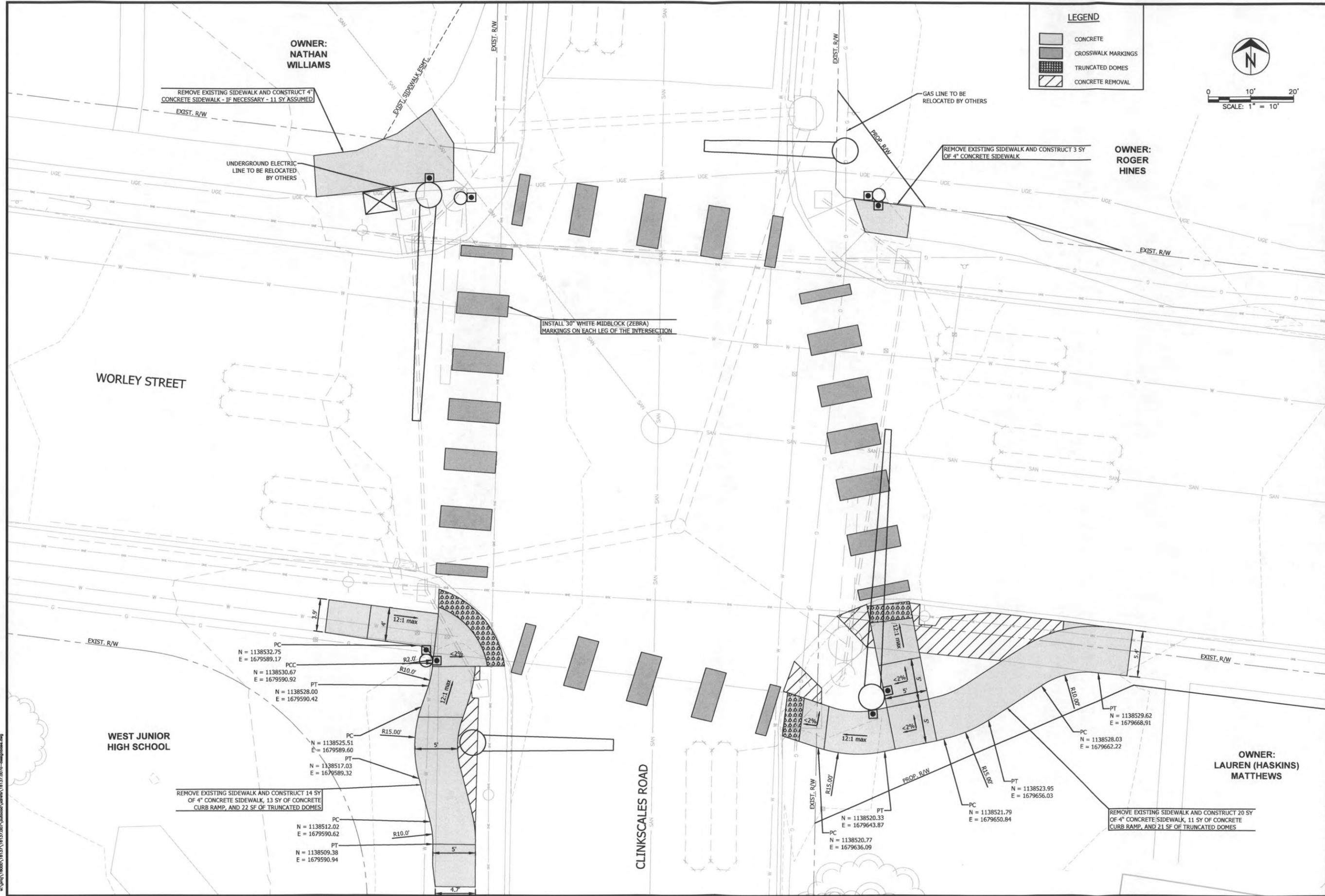
**ELECTRIC (county)**  
Boone Electric Cooperative  
1413 Ronco Line Street  
Columbia, MO 65201  
573-449-4181 ext 231

### LEGEND

- |   |                          |   |                                 |
|---|--------------------------|---|---------------------------------|
| ⊗ | BILLBOARD                | ⊗ | ROOF DRAIN                      |
| ⊕ | BORE HOLE or DRILL HOLE  | ⊕ | CURB INLET                      |
| ⊙ | LANDSCAPE BOULDER        | ⊙ | SANITARY MANHOLE                |
| ⊖ | WELL                     | ⊖ | CLEANOUT                        |
| ⊗ | FLAG POLE                | ⊗ | YARD HYDRANT                    |
| ⊕ | SATELLITE DISH           | ⊕ | WATER SPRINKLER                 |
| ⊙ | POST                     | ⊙ | WATER MANHOLE                   |
| ⊗ | MAILBOX                  | ⊗ | WATER METER                     |
| ⊕ | TWO POLE SIGN            | ⊕ | WATER VALVE                     |
| ⊖ | ONE POLE SIGN            | ⊖ | FIRE HYDRANT                    |
| ⊙ | PARKING METER            | ⊙ | LIGHT                           |
| ⊗ | STOP SIGN                | ⊗ | FLOOD LIGHT                     |
| ⊕ | GAS REGULATOR            | ⊕ | LUMINARY (STREET LIGHT)         |
| ⊙ | GAS RISER                | ⊙ | MANHOLE COVER                   |
| ⊗ | GAS TEST STATION         | ⊗ | MISCELLANEOUS TOPO ITEM         |
| ⊕ | GAS METER                | ⊕ | FINISH FLOOR                    |
| ⊙ | GAS VALVE                | ⊙ | MIN. OPENING ELEV.              |
| ⊖ | UTILITY POLE             | ⊖ | STUMP                           |
| ⊗ | GUY POLE                 | ⊗ | SHRUB                           |
| ⊕ | GUY ANCHOR               | ⊕ | DECIDUOUS TREE                  |
| ⊙ | TELEPHONE PEDESTAL       | ⊙ | EVERGREEN SHRUB                 |
| ⊗ | TELEPHONE MANHOLE        | ⊗ | EVERGREEN TREE                  |
| ⊕ | CABLE TV PEDESTAL        |   |                                 |
| ⊙ | ELECTRIC MANHOLE         |   |                                 |
| ⊕ | ELECTRIC METER           | ⊕ | BENCHMARK                       |
| ⊗ | TRANSFORMER/ELECTRIC PAD | ⊗ | TEMPORARY BENCHMARK             |
| ⊖ | AIR CONDITIONER          | ⊖ | R/W MARKER                      |
| ⊙ | HAND HOLE                | ⊙ | FOUND SURVEY MONUMENT           |
| ⊗ | TRAFFIC SIGNAL           | ⊗ | SET SURVEY MONUMENT             |
| ⊕ | TRAFFIC SIGNAL BOX       | ⊕ | SET SURVEY MONUMENT IN CONCRETE |
| ⊙ | SIGNAL MANHOLE           | ⊙ | CALCULATED SURVEY POINT         |
| ⊖ | STORM MANHOLE            | ⊖ | CHISELED CROSS FOUND            |
| ⊕ | AREA INLET               | ⊕ | CHISELED CROSS SET              |

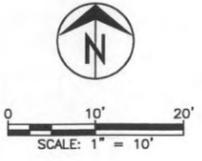
INDEX OF SHEETS	
Description	Sheet No.
COVER SHEET	1
SIDEWALK PLAN SHEET	2
SIGNAL PLAN SHEET	3

<b>City of Columbia, Missouri</b> Department of Public Works			
No.	Date	By	Revision
File No. 32-XX-XX	Des	JMS	Sheet
Scale None	Dwn	JMS	1 of 3
Date 1/28/2015	Chk	TCK	
<b>WORLEY AT CLINKSCALES</b>			
Approved By _____			
Director of Public Works		Date _____	



**LEGEND**

	CONCRETE
	CROSSWALK MARKINGS
	TRUNCATED DOMES
	CONCRETE REMOVAL



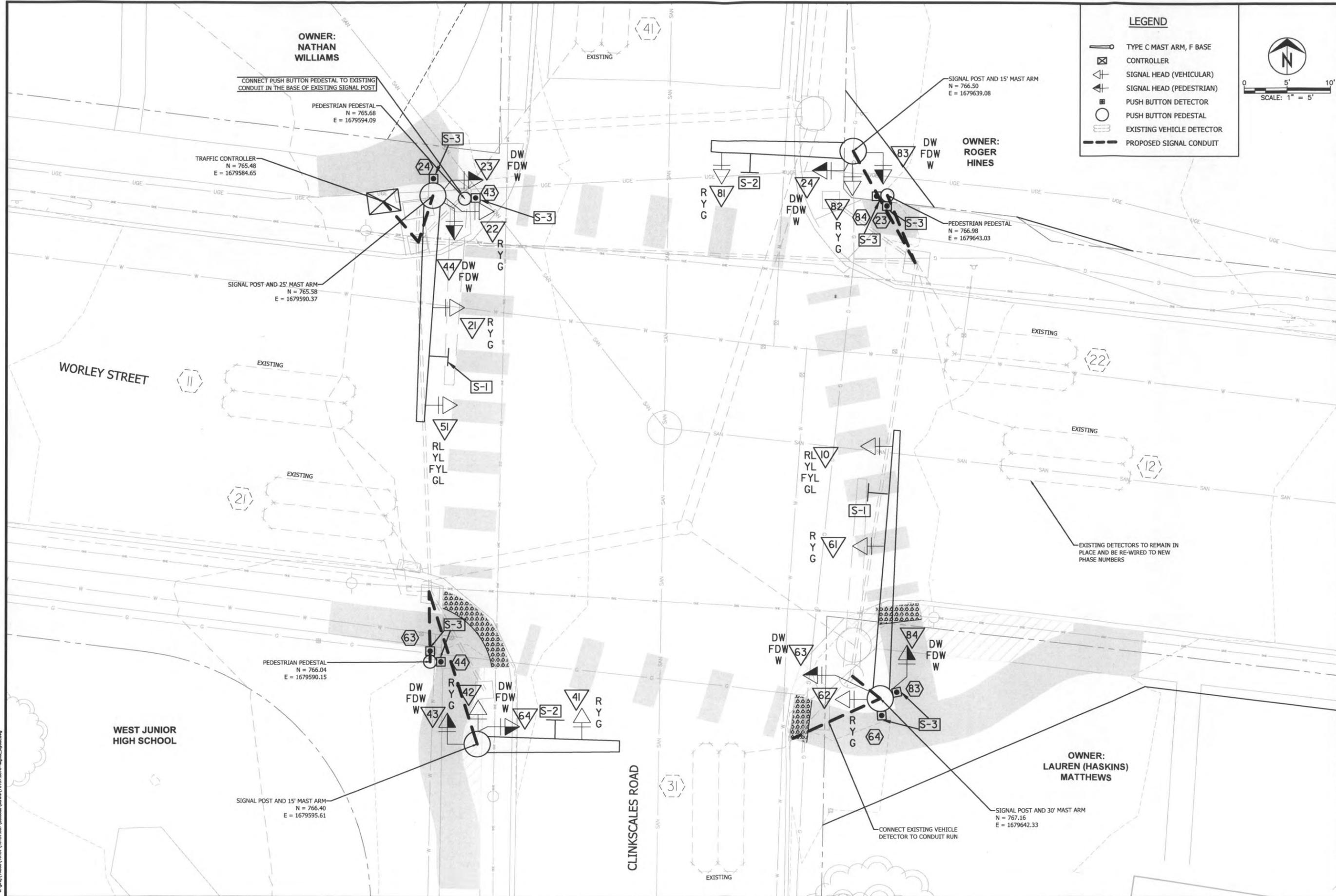
No.	Date	By	Revision

**WORLEY AT CLINKSCALES  
SIDEWALK PLAN SHEET**

City of Columbia, Missouri  
Department of Public Works

**NOT FOR CONSTRUCTION**

File No.	XX-XX-XX
Scale:	1"=5'
Date:	1/28/2015
Des.	JMS
Dwn.	JMS
Chk.	TCK



**LEGEND**

- TYPE C MAST ARM, F BASE
- CONTROLLER
- SIGNAL HEAD (VEHICULAR)
- SIGNAL HEAD (PEDESTRIAN)
- PUSH BUTTON DETECTOR
- PUSH BUTTON PEDESTAL
- EXISTING VEHICLE DETECTOR
- PROPOSED SIGNAL CONDUIT

**SCALE:** 1" = 5'

**REVISION**

No.	Date	By	Revision

**WORLEY AT CLINKSCALES**  
SIGNAL PLAN SHEET

City of Columbia, Missouri  
Department of Public Works

NOT FOR CONSTRUCTION

File No.	16137.007
Scale:	1"=5'
Date:	1/20/2015
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Dwn.	JMS
Chk.	TCK