



Missouri Department of Transportation

Central District
David T. Silvester, District Engineer

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Jefferson City, Missouri 65102
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Fax: 573.522.1059
1.888.ASK MODOT (275.6636)

May 23, 2013

Mr. John Glascock
Director of Public Works
City of Columbia
701 E. Broadway
Columbia, MO 65201

Dear Mr. Glascock:

I am writing in response to your request to clarify the improvements MoDOT would require along Providence Road to improve the traffic flow from Stadium Boulevard to Turner Avenue.

MoDOT would support the following changes to Option 8A which was previously presented at the public hearing. Bingham Road could be converted to a ¾ access allowing for right-in, right-out, and left-in traffic movements. The left-out movement should not be allowed due to the close proximity of the proposed signal at Burnham Road. MoDOT and the city would closely monitor the left-in movement to Bingham Road. If traffic accidents due to this movement present a problem in the future, the left-in movement would need to be eliminated. In addition, Brandon Road should function as a right-in, right-out access from Providence Road. The left-in and left-out movements would impact the efficiency of the northbound through movement on Providence Road.

MoDOT is open to any suggestions the City may have as to improvements along Providence and look forward to working with the City and area residents to review potential improvements on this busy section of roadway. If you have any questions or concerns, do not hesitate to contact us.

Sincerely,

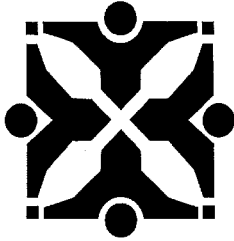
A handwritten signature in black ink, appearing to read "D. Silvester".

David T. Silvester, P.E.
District Engineer

cc: Mike Schupp-cd
Trent Brooks-cd



*Our mission is to provide a world-class transportation experience that
delights our customers and promotes a prosperous Missouri.*



Source: Public Works

Agenda Item No: Item A

To: City Council
From: City Manager and Staff

Council Meeting Date: May 6, 2013

Public Hearing - Providence Road between Stadium Boulevard and Stewart Road (Grasslands Subdivision)

EXECUTIVE SUMMARY:

Staff has prepared for Council consideration a resolution setting a public hearing for June 3, 2013, for a street construction project on Providence Road, between Stadium Boulevard and Stewart Road. This project was identified as one of the 2005 ballot projects and has been prioritized in the FY 2013 budget for construction in 2015. This section of Providence Road is within the jurisdiction of MoDOT and as such, MoDOT has participated in the development of the project. The city is acting as the lead agency in coordinating the improvement process.

Public hearings were held on November 19, 2012 and April 15, 2013. Interested parties meetings were held on April 24, 2008, April 20, 2010, and March 20, 2013. The concept cost estimate ranges from \$250,000 to \$3.2 M depending upon which alternative is chosen. Eligible funding sources include Capital Fund Balance, ¼ % Capital Improvement Sales Tax, and Surface Transportation Program (STP) funds.

DISCUSSION:

The project under consideration includes portions of Providence Road/Route 163 from the intersection with Stadium Boulevard/Route 740, northward approximately 1/2 mile to south of Stewart Road. Providence Road is identified as a major arterial on the CATSO Major Roadway Plan.

At the November 19, 2012 public hearing, council approved what is now known as Option IX.

At the March 20, 2013 Interested Parties meeting, ten options were presented for public comment. Results of the public comments were included in a supplemental report prepared for the April 15, 2013 council meeting.

At the April 15, 2013 public hearing, council voted to rescind approval of Option IX. Staff requested direction from council, and was asked to bring forth three options for council consideration: Option IX, Option X, and a new Option VIII-A. These options are shown on the attached diagrams.

Option IX (9) includes the removal of the existing traffic signal at Rollins; the addition of signals at Turner and at Burnam; extending the southbound right turn lane to Brandon; as well as the construction of a new residential feeder street in the Grasslands subdivision to improve access. This version of Option IX is slightly different than what was previously shown; instead of completely severing Bingham Road access to Providence Road, this intersection is now shown as right-in-right-out.

Option X (10) is a minimal option, which includes only extending the southbound right turn lane to Brandon Road.

Option VIII-A (8A) is the same as Option IX with the following alterations:

- * Instead of constructing a new residential feeder street just west of Providence Road, Birch Road would be widened and improved to accommodate additional traffic.

- * A sidewalk along the south side of Burnam Road, from Birch Road to Providence Road, is also included in Option VIII-A.

None of these three options include any type of median, or delineators, on Providence Road except for a planned median between Burnam Road and Rollins Road.

The Public Works department began the selection process to retain a consulting engineer to perform the detailed design of this project; however, the selection process is on hold until an option is decided upon.

FISCAL IMPACT:

\$2,302,211 has already been appropriated to this project. Eligible funding sources include Capital Fund Balance, ¼ % Capital Improvement Sales Tax, and STP funds.

Preliminary costs of each alternative are as follows:

Option IX - Signals at Turner and Burnam with New Residential Feeder - \$3.2 Million

Option X - Extend Providence Right Turn Lane Only - \$250,000

Option VIII-A - Signals at Turner and Burnam, with Birch Improvement - \$2.1 Million

VISION IMPACT:

<http://www.gocolumbiamo.com/Council/Meetings/visionimpact.php>

A network of safe roadways in and around the City will provide sustainable, efficient mobility to vehicular travel and other modes in a complimentary manner.

Columbia will enjoy a safe, interconnected, non motorized transportation network. It will be culturally supported by the citizens as it will encourage social interaction and healthy lifestyles. The roadway, sidewalk, public transit, and trail systems will all tie together into an effective integrated transportation network.

SUGGESTED COUNCIL ACTIONS:

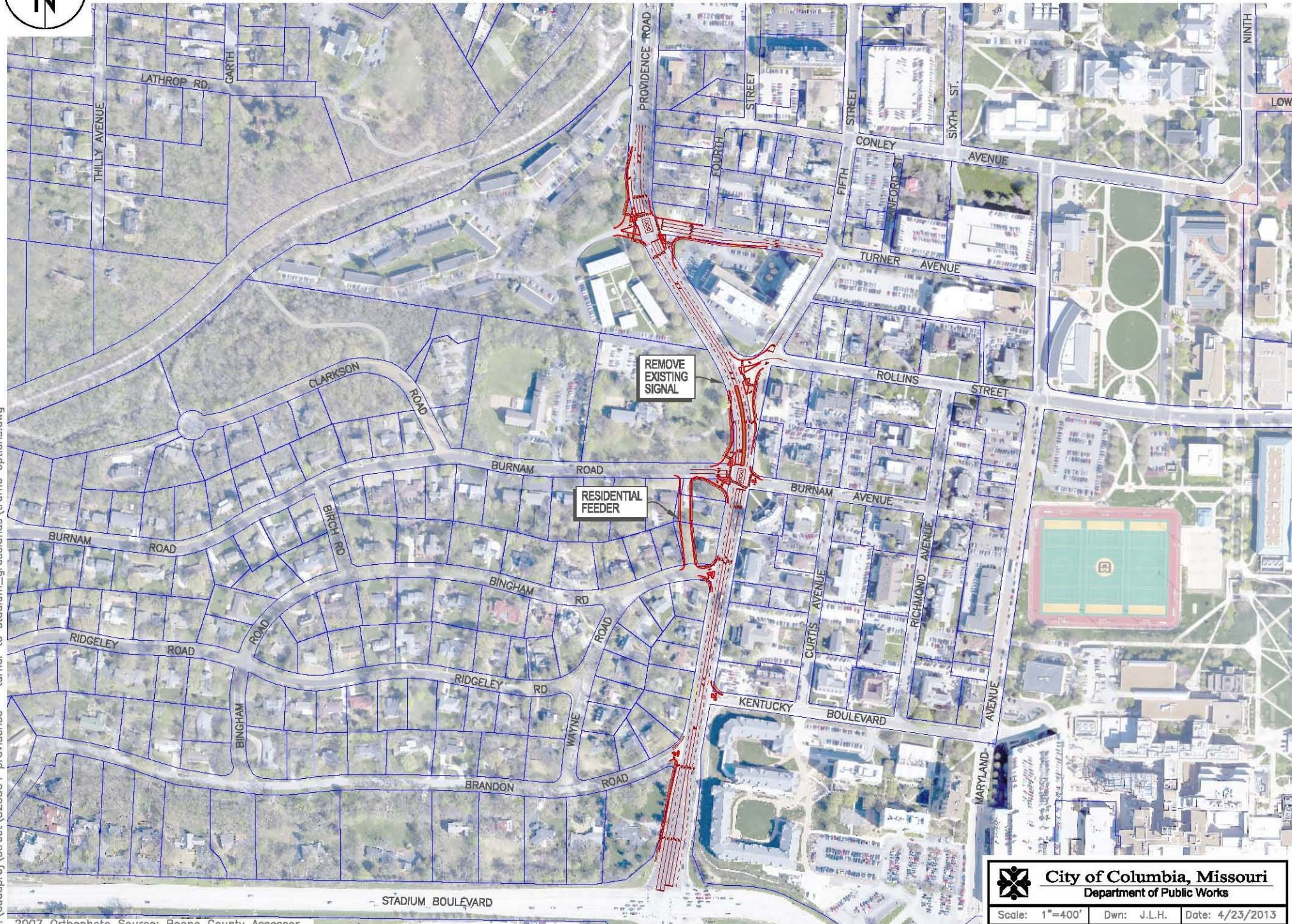
Following Council discussion and public input, Council should make a motion directing staff to proceed with plans and specifications for one of the options presented.

FISCAL and VISION NOTES:					
City Fiscal Impact Enter all that apply		Program Impact		Mandates	
City's current net FY cost	\$81,561.00	New Program/ Agency?	No	Federal or State mandated?	No
Amount of funds already appropriated	\$2,032,211.00	Duplicates/Expands an existing program?	No	Vision Implementation impact	
Amount of budget amendment needed	\$0.00	Fiscal Impact on any local political subdivision?	No	Enter all that apply: Refer to Web site	
Estimated 2 year net costs:		Resources Required		Vision Impact?	Yes
One Time	\$0.00	Requires add'l FTE Personnel?	No	Primary Vision, Strategy and/or Goal Item #	13.3
Operating/ Ongoing	\$0.00	Requires add'l facilities?	No	Secondary Vision, Strategy and/or Goal Item #	13.1
		Requires add'l capital equipment?	No	Fiscal year implementation Task #	



PROVIDENCE ROAD - STADIUM TO STEWART ROAD

OPTION IX -A - SIGNALS AT TURNER & BURNAM WITH NEW RESIDENTIAL FEEDER



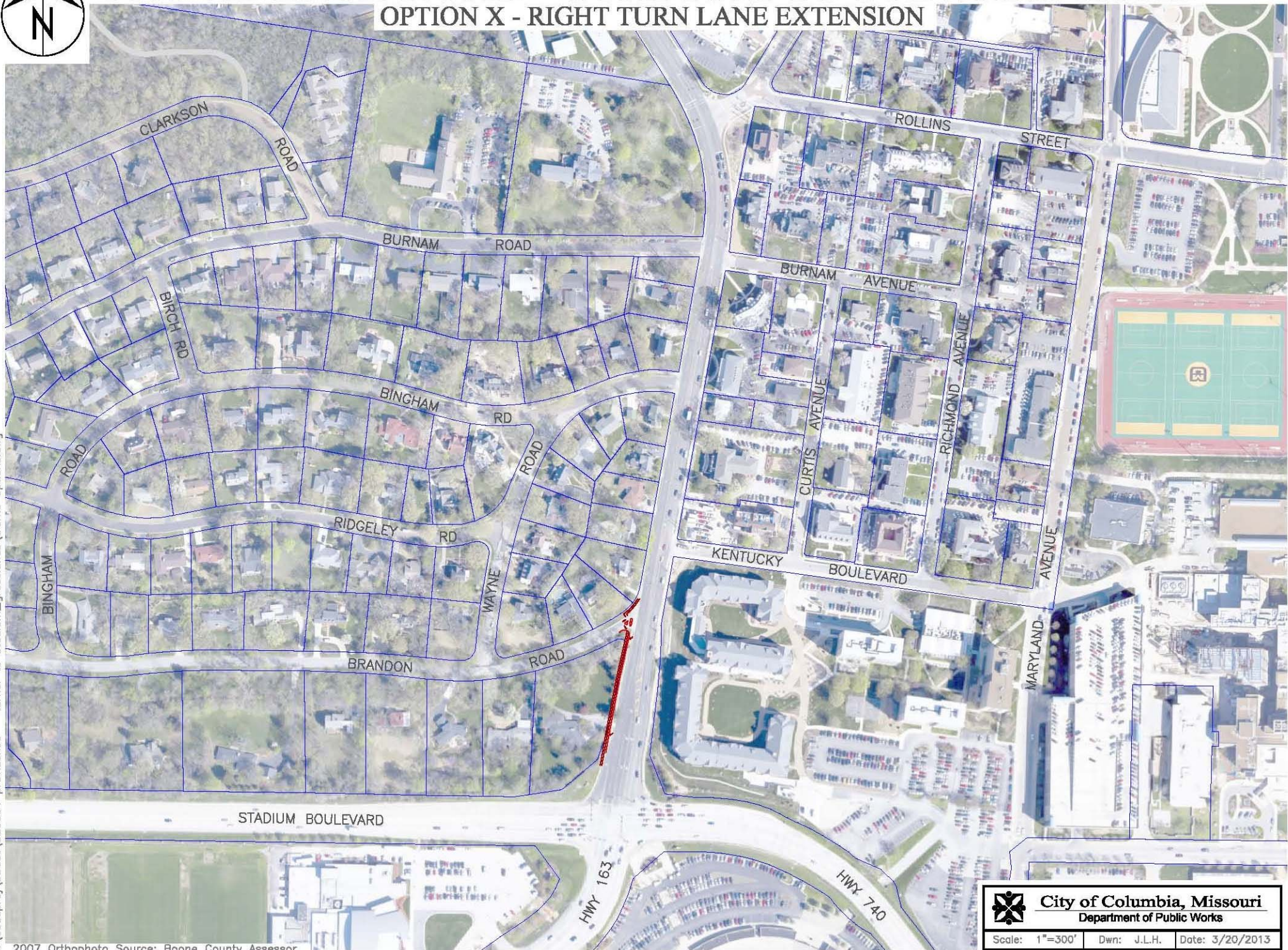
City of Columbia, Missouri
Department of Public Works


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PROVIDENCE ROAD - STADIUM TO STEWART ROAD

OPTION X - RIGHT TURN LANE EXTENSION



 **City of Columbia, Missouri**
Department of Public Works

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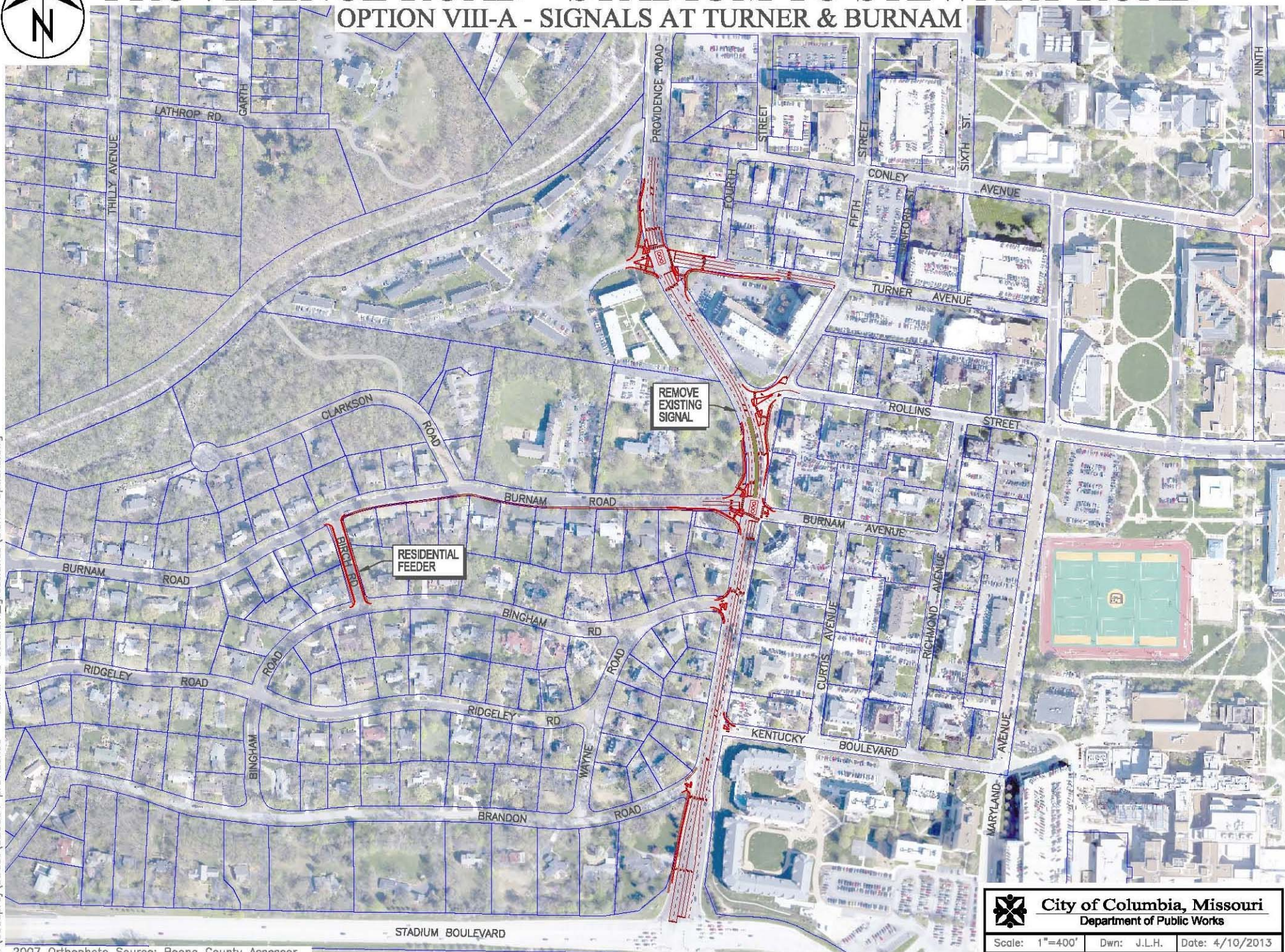
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PROVIDENCE ROAD - STADIUM TO STEWART ROAD

OPTION VIII-A - SIGNALS AT TURNER & BURNAM

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City of Columbia, Missouri
Department of Public Works

Scale: 1"=400' Dwn: J.L.H. Date: 4/10/2013

A RESOLUTION

declaring the necessity for construction of street improvements on Providence Road from Stadium Boulevard to Stewart Road; 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 construction of street improvements on Providence Road from Stadium Boulevard to Stewart Road, all in accordance with City of Columbia Specifications and Standards, necessary to the welfare and improvement of the City. Possible options and the estimated costs for the street improvements are as follows:

Option IX: Under this option, street improvements would include installation of traffic signals at the intersection of Burnam Road and Providence Road, and at Turner Avenue and Providence Road, with lane additions on Providence Road. This option also includes the removal of the existing traffic signal at Rollins Street and Providence Road, construction of a southbound right turn lane on Providence Road from Stadium Boulevard to Brandon Road, construction of a new residential street between Bingham Road and Burnam Road, the conversion of the Bingham Road and Brandon Road intersections with Providence Road to right-in/right-out, and the conversion of the Kentucky Boulevard intersection with Providence Road to right-in/right-out/left-in. The estimated cost of these improvements is \$3,200,000.00.

Option X: Under this option, street improvements would include construction of a southbound right turn lane on Providence Road from Stadium Boulevard to Brandon Road, and the conversion of the Brandon Road intersection with Providence Road to right-in/right-out. The estimated cost of these improvements is \$250,000.00.

Option VIII-A: Under this option, street improvements would include installation of traffic signals at the intersection of Burnam Road and Providence Road, and at Turner Avenue and Providence Road, with lane additions on Providence Road. This option also includes the removal of the existing traffic signal at Rollins Street and Providence Road, construction of a southbound right turn lane on Providence Road from Stadium Boulevard to Brandon Road, improvements to Birch Street, a sidewalk along the south side of Burnam Road from Birch Street to Providence Road, the conversion of the Bingham Road and Brandon Road intersections with Providence Road to right-in/right-out, and the conversion of the Kentucky Boulevard intersection

with Providence Road to right-in/right-out/left-in. The estimated cost of these improvements is \$2,100,000.00.

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. Payment for this improvement shall be made from Capital Fund Balance, Capital Improvement Sales Tax Funds, Surface Transportation Program Enhancement Funds, and such other funds as may be lawfully appropriated.

SECTION 4. 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. 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 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 3, 2013. The City Clerk shall cause notice of this hearing to be published in a newspaper published in the City.

ADOPTED this _____ day of _____, 2013.

ATTEST:

City Clerk

Mayor and Presiding Officer

APPROVED AS TO FORM:

City Counselor