

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

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

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

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

Council Bill No. B 310-12

**AN ORDINANCE**

appropriating funds for the construction of traffic calming devices on Bourn Avenue; and fixing the time when this ordinance shall become effective.

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

SECTION 1. The sum of \$10,000.00 is hereby appropriated from the Revenue Account No. 440-0000-480.10-00, C00504 to the Bourn Avenue Traffic Calming Project Account No. 440-8800-528.49-90, C00504 for the construction of traffic calming devices on Bourn Avenue.

SECTION 2. This ordinance shall be in full force and effect from and after its passage.

PASSED this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

ATTEST:

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

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

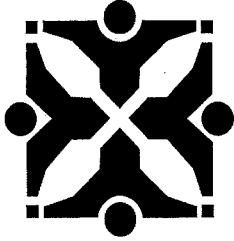
APPROVED AS TO FORM:

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

CERTIFICATION: I certify there are sufficient funds available in the Revenue Account No. 440-0000-480.10-00, C00504 to cover the above appropriation.

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Director of Finance



Source: Public Works

*Handwritten signature: Scott McNeil for SDG*

Agenda Item No:

To: **City Council**

From: **City Manager and Staff**

*Handwritten initials: MM*

Council Meeting Date: November 5, 2012

Re: Appropriating Funds for the Bourn Avenue Traffic Calming Project

**EXECUTIVE SUMMARY:**

Staff has prepared for Council consideration an ordinance appropriating funds for a traffic calming project on Bourn Avenue.

**DISCUSSION:**

Staff proposes to provide traffic calming along Bourn Avenue by installing two speed bumps and two speed tables between West Broadway and Rollins Road (diagram of proposed layout attached). During rezoning of a parcel of land located at the southwest corner of Stadium and Broadway, the developer of the parcel committed to donate \$10,000 toward a traffic calming project. A public hearing was held on this project July 2, 2012.

Originally, staff solicited bids for speed bump and speed table construction; however, no bids were submitted, so the bid was extended by one week and paper bids were sent to several local contractors. Only one bid was received at a cost of \$54,000 to complete the project. Staff estimates the project to cost \$15,000 and is recommending city street forces to purchase materials and install the speed bumps and speed tables.

**FISCAL IMPACT:**

Staff is appropriating the \$10,000 provided by the private developer for the Bourn Avenue Traffic Calming project, and \$5,000 is available from the Street Maintenance account.

**VISION IMPACT:**

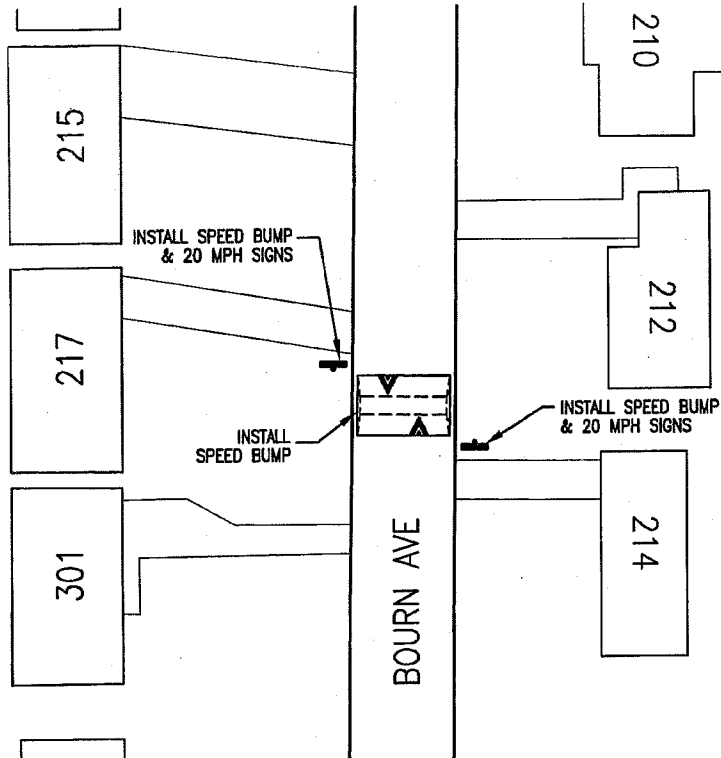
<http://www.gocolumbiamo.com/Council/Meetings/visionimpact.php>

None

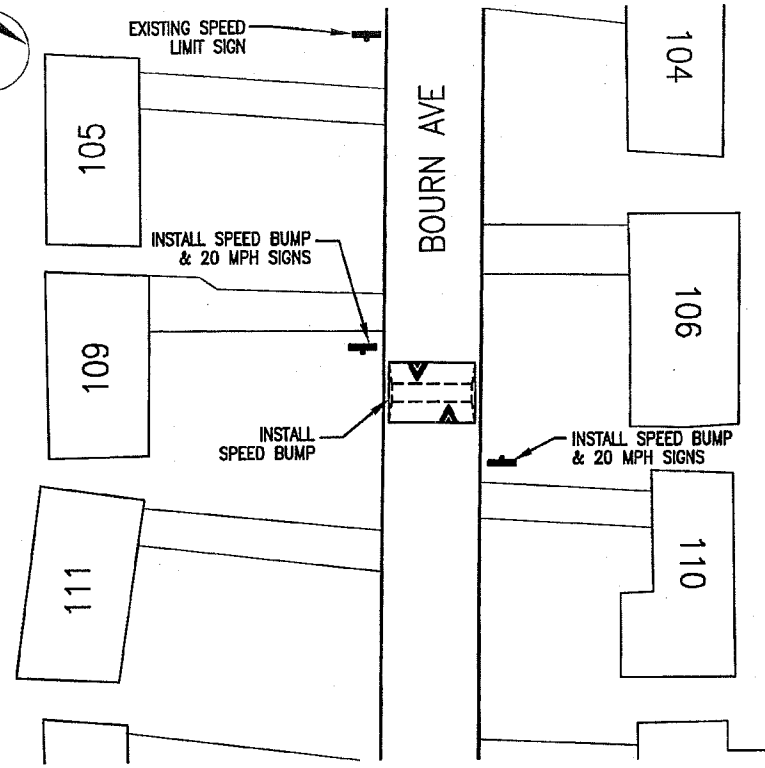
**SUGGESTED COUNCIL ACTIONS:**

Approval of the ordinance appropriating funds.

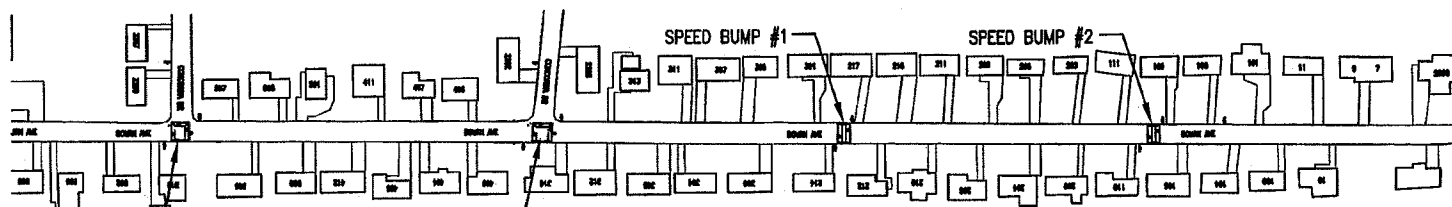
FISCAL and VISION NOTES:					
City Fiscal Impact Enter all that apply		Program Impact		Mandates	
City's current net FY cost	\$0.00	New Program/ Agency?	No	Federal or State mandated?	No
Amount of funds already appropriated	\$5,000.00	Duplicates/Expands an existing program?	No	Vision Implementation impact	
Amount of budget amendment needed	\$10,000.00	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?	No
One Time	\$0.00	Requires add'l FTE Personnel?	No	Primary Vision, Strategy and/or Goal Item #	
Operating/ Ongoing	\$0.00	Requires add'l facilities?	No	Secondary Vision, Strategy and/or Goal Item #	
		Requires add'l capital equipment?	No	Fiscal year implementation Task #	



**SPEED BUMP #1**  
SCALE: 1"=40'



**SPEED BUMP #2**  
SCALE: 1"=40'



**SPEED TABLE #1**

**SPEED TABLE #2**

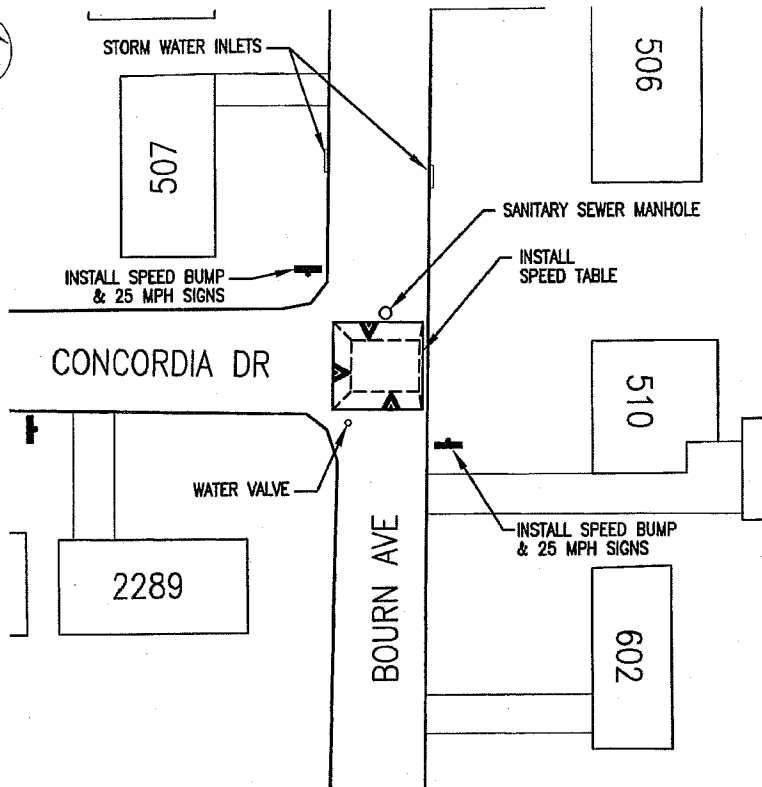
**TRAFFIC CALMING SITE LAYOUT**  
SCALE: 1"=200'



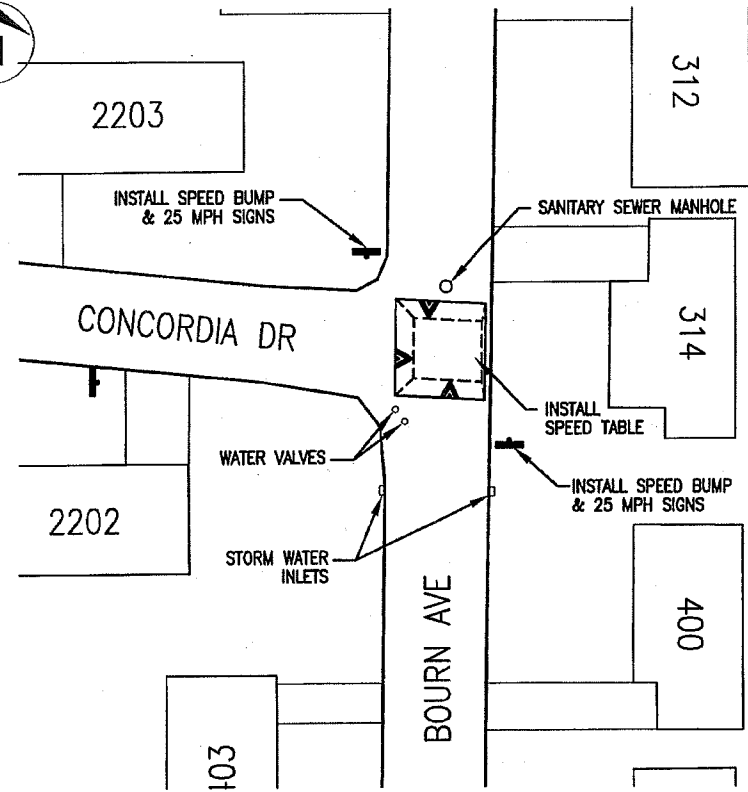
City of Columbia, Missouri  
Department of Public Works

**BOURN AVENUE  
PROPOSED SPEED BUMPS**

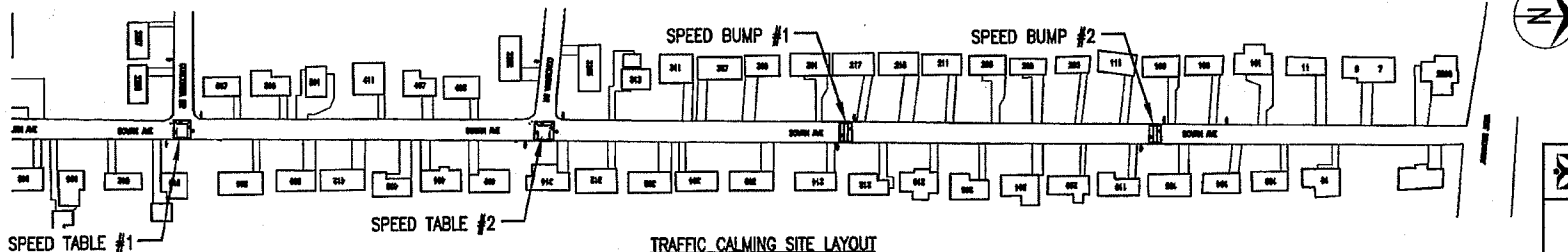
Scale: AS NOTED    Dwn: A.A.A.    Date: 8/22/12



**SPEED TABLE #1**  
SCALE: 1"=40'



**SPEED TABLE #2**  
SCALE: 1"=40'



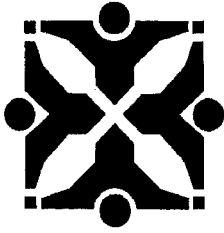
**TRAFFIC CALMING SITE LAYOUT**  
SCALE: 1"=200'



City of Columbia, Missouri  
Department of Public Works

**BOURN AVENUE  
PROPOSED SPEED TABLES**

Scale: AS NOTED    Dwn: A.A.A.    Date: 8/22/12



Source: Public Works

Agenda Item No: **P91-12**

To: City Council  
From: City Manager and Staff

Council Meeting Date: Jun 18, 2012

COPY

Re: Setting a Public Hearing for Bourn Avenue Traffic Calming

**EXECUTIVE SUMMARY:**

Staff has prepared for Council consideration a resolution setting a public hearing for July 2, 2012 concerning Bourn Avenue traffic calming. The purpose of the public hearing is to determine if an open road closure should be installed on Bourn Avenue just south of Concordia Drive.

**DISCUSSION:**

A staff report (attached) concerning Bourn Avenue traffic calming was presented to Council at the February 6, 2012 Council meeting. After Council discussion, it was determined that staff meet with the neighborhood to discuss traffic calming options. A neighborhood meeting was held on May 14, 2012 (sign-in sheet attached), as well as contact made with individuals in the nearby project area. It was determined that a public hearing would be the next appropriate step.

During rezoning of a parcel located at the southwest corner of Stadium and Broadway, the developer of the parcel committed to donate \$10,000 towards a traffic calming project along Bourn Avenue only. The stipulation is that the City confirm, to the developer, that traffic calming is warranted, and the City would install calming devices (see attached Statement of Intent filed with Ordinance 20779 passed October 18, 2010). A check in the amount of \$10,000 has been received and deposited into the Bourn traffic calming project account. Depending on what action Council takes, the funds will either be used for traffic calming along Bourn Avenue, or returned to the developer.

One possible calming option is an open road closure concept (see attached diagram and photo). This is used to remove unnecessary traffic without creating long diversions for bicycles, refuse collection or emergency response vehicles. The normal driving surface is narrowed to a single 5' bicycle lane in the center, and a ramped entry provided for refuse and emergency response vehicles. Other motorists would be prohibited from driving through the closure with "Do Not Enter" signs posted. Enforcement would most likely be via Ordinance 14-463, with a fine of \$1-\$500, and the possibility of additional penalties, depending on police and court action.

The Bourn Neighborhood Association gathered petition signatures (attached) indicating significant support for the open road closure concept, just south of the north-most Bourn and Concordia intersection (see attached proposed location map, Diagram A). A photo and diagram of a similar open closure type device is also attached.

There is some known opposition to this calming device. At least one property owner, closest to the proposed device at the corner of Concordia and Bourn, is opposed to this concept. The developer for the parcel near Stadium has also indicated opposition; as well as opposing comments received from some residents along Loch Lane concerned about additional traffic utilizing Loch Lane.

Speeds and cut-through traffic on Bourn Avenue would be appreciably reduced by an open road closure. The length of straight street would be reduced (lower speeds), and additional time for using this route would reduce desirability for cut-through traffic. The anticipated cost for an open road closure, that does not incorporate aesthetic treatments, such as trees or colorized/texturized concrete, is \$8,000 to \$12,000.

Another calming option is a series of speed humps along Bourn Avenue. Speeds would decrease, but impact to cut-through traffic would likely be minimal. Speed humps are most effective when they are spaced approximately 300 to 400 feet apart. Staff also recommends an all-way stop at the intersection of Loch and Concordia to be included with either calming option. The all-way stop would cost about \$500 and paid from

Street Maintenance account budget. Proposed locations for speed humps, and all-way stop, are shown on the attached Diagram B. The median shown on the diagram is being built as part of the Stadium Corridor improvement project.

Some comments received from citizens residing along Loch Lane and Highland Drive, indicate there is some desire to pursue calming projects on at least these two roads. The full extent of neighborhood support for calming is not known. Historically, it often takes more than two years to gather information, and neighborhood support, to determine whether calming should be pursued, and then select the type of calming devices that have a reasonable level of support from neighbors.

If a decision is made to look at an area broader than just Bourn Avenue for traffic calming, Council should be aware that a decision regarding Bourn Avenue traffic calming would need to be made prior to October 18, 2012, or the \$10,000 contribution would need to be returned to the developer (see Item h in attached Statement of Intent).

**FISCAL IMPACT:**

The estimated cost for a basic open road closure is \$8,000-\$12,000. This would not include significant landscaping or other aesthetic features.

The estimated cost for a series of speed humps on Bourn Avenue is \$12,000. An all-way stop at Loch and Concordia would also be included with either option, at a cost of \$500.00, to be paid from the Street Maintenance account.

With the \$10,000 contribution from the developer, the net cost to the City for either option should be \$2,500 or less, and would be paid from the Street Maintenance account.

**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.

**SUGGESTED COUNCIL ACTIONS:**

Staff recommends installing speed humps on Bourn Avenue, with an all-way stop at Loch and Concordia. After the public hearing, Council can direct staff to pursue an appropriate course of action.



FISCAL and VISION NOTES:					
City Fiscal Impact Enter all that apply		Program Impact		Mandates	
City's current net FY cost	\$0.00	New Program/ Agency?	No	Federal or State mandated?	No
Amount of funds already appropriated	\$10,000.00	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	\$2,500.00	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 #	13.2
		Requires add'l capital equipment?	No	Fiscal year implementation Task #	FY2012