

A RESOLUTION

declaring the necessity for construction of the Forum Nature Area level spreader project; 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 the Forum Nature Area level spreader project, more specifically to include constructing a stream diversion structure, 240 linear feet of swale and a 200 linear foot level spreader, all in accordance with City of Columbia Street and Storm Sewer Specifications and Standards, necessary to the welfare and improvement to the City.

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. The estimated cost of this improvement is \$50,500.00.

SECTION 4. Payment for this improvement shall be made by storm water utility funds and such other funds as may be lawfully appropriated.

SECTION 5. 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.

SECTION 6. 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 March 18, 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



Source: Public Works *John*

Agenda Item No:

To: City Council
From: City Manager and Staff *MM*

Council Meeting Date: Mar 4, 2013

Re: Public Hearing - Forum Nature Area Level Spreader Project

EXECUTIVE SUMMARY:

Staff has prepared for Council consideration a Resolution setting a public hearing for March 18, 2013 concerning the construction of the Forum Nature Area Level Spreader project. This project will involve constructing a stream diversion structure, 240 linear feet of swale, and a 200 linear foot level spreader. A location diagram is attached.

DISCUSSION:

The Forum Nature Area Level Spreader project is an "early action" for the Hinkson Creek Collaborative Adaptive Management (CAM) process. "Early actions" are required by the CAM process while further study is done, and a more comprehensive approach to improving Hinkson Creek is determined.

The project has been presented and discussed at various meetings of the three CAM committees (Action Team, Science Team and Stakeholder Committee), and has been approved by the CAM stakeholder committee. The project was also presented to Parks and Recreation, as their staff is helping to ensure that the project becomes a park amenity as well as an improvement for the creek.

The project will divert small-storm flows from a channel near the Forum Nature Area parking lot to a field just west of Forum Boulevard, where the water will be spread over much of the field. This will allow the water to soak into the ground more readily which will help cleanse the water and reduce immediate runoff to the creek. The water will make its way slowly through the soil and then into Hinkson Creek as cool, clean water during dry times. The area will be reforested to enhance the project goals.

The construction project is estimated to cost \$34,750, and Public Works will apply for a grant to help defray the cost of construction. The flow of water through the project area will be monitored in accordance with a Memorandum of Understanding executed between the City, Boone County, and the University of Missouri, whereby the parties will evenly split the cost of the monitoring estimated at \$47,250.00. The results of the monitoring will demonstrate how effective the practice is, and will help inform future designs.

FISCAL IMPACT:

The estimated cost to the City is \$50,500 (\$34,750 for the construction and \$15,750 for the City's portion of the monitoring). Funds to pay for the project are to come from the Stormwater Utility, and such other funds as may be lawfully obtained. Maintenance cost is uncertain and determining this is another goal of the project.

VISION IMPACT:

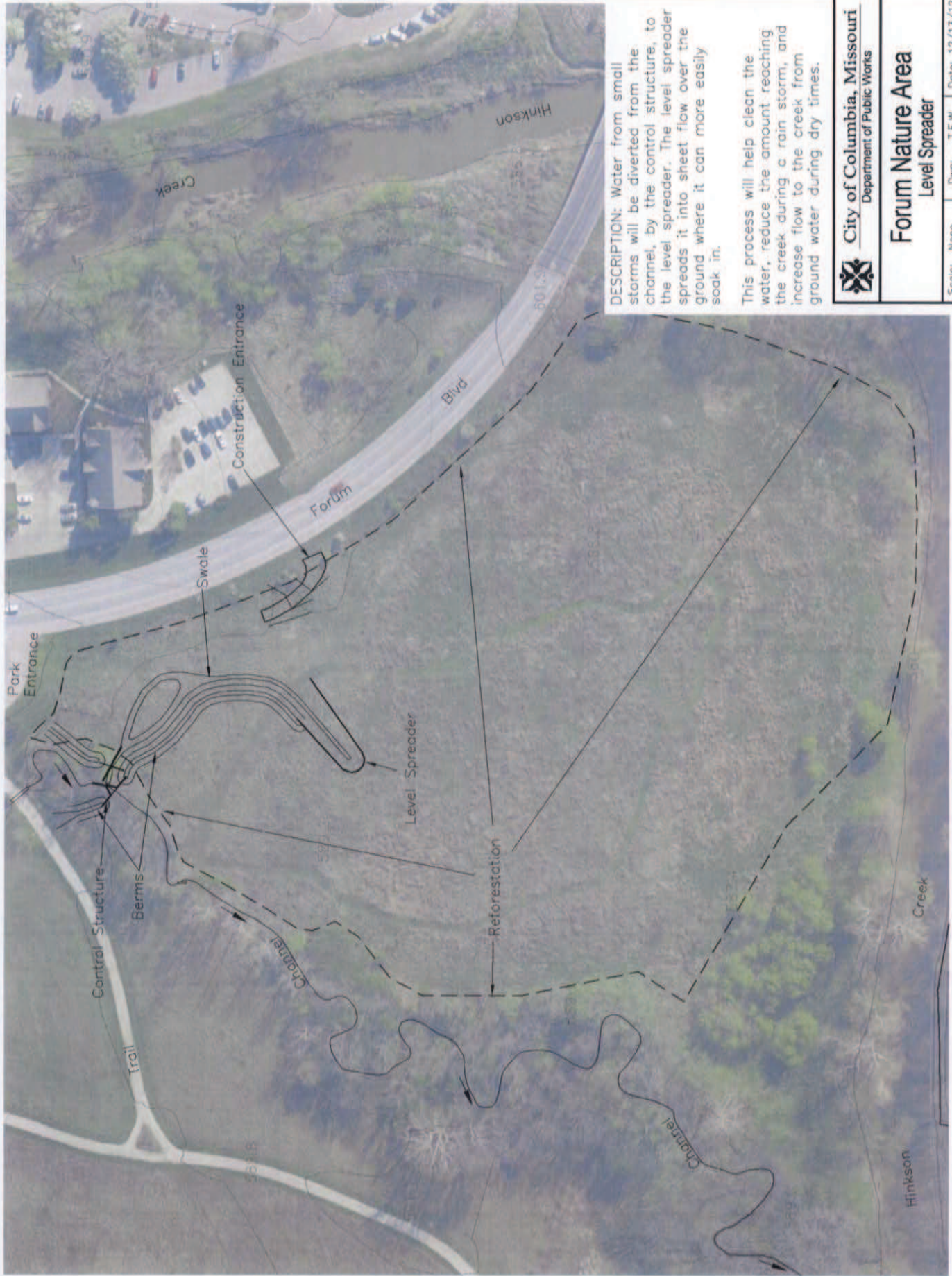
<http://www.gocolumbiamo.com/Council/Meetings/visionimpact.php>

Water quality is to be protected.

SUGGESTED COUNCIL ACTIONS:


After council discussion and public input, staff should be directed to move forward with the project.

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	\$0.00	Duplicates/Expands an existing program?	No	Vision Implementation impact	
Amount of budget amendment needed	\$50,500.00	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 #	9.1
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 #	



DESCRIPTION: Water from small storms will be diverted from the channel, by the control structure, to the level spreader. The level spreader spreads it into sheet flow over the ground where it can more easily soak in.

This process will help clean the water, reduce the amount reaching the creek during a rain storm, and increase flow to the creek from ground water during dry times.


City of Columbia, Missouri
 Department of Public Works
Forum Nature Area
 Level Spreader
 Scale: None Dwn: T.E.W. Date: 12/13/12