

Source: Public Works *John*

Agenda Item No: Supplemental
Information
B194-13

To: City Council

From: City Manager and Staff *MM*

Council Meeting Date: August 5, 2013

Re: Supplemental Information (B194-13) - Calling a Special Election Relating to the Issuance of Sewer System Revenue Bonds for the Purpose of Constructing Improvements to the City's Sewerage System

EXECUTIVE SUMMARY:

Staff has prepared for Council consideration supplemental information concerning the sanitary sewer improvement projects to be funded by a proposed ballot issue.

DISCUSSION:

Attached is a listing of the proposed projects, with a brief description and the estimated cost for each project. In addition, attached are maps showing the location of the specific projects, and the basins where inflow and infiltration (I&I) reduction projects may be completed.

FISCAL IMPACT:

Staff proposes issuance of sewer system revenue bonds in the amount of \$32,340,000 to be repaid with rate increases of 6% in FY2015, 5% in FY2017 and 1% in FY2019. The rate increases will result in a total average monthly increase of approximately \$3.00.

VISION IMPACT:

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

Columbia and its neighboring communities will be a place where the air, water, land and natural aesthetic qualities of our environment shall be protected by a combination of conservation strategies including, but not limited to, regulations and ordinances, conservation incentives, education programs, and smart growth planning.

SUGGESTED COUNCIL ACTIONS:

If, after public input and Council discussion at the Public Hearing, Council wishes to proceed with the 2013 sewer ballot issue, approve the ordinance calling a special election of whether to issue the Sewer System Revenue bonds.

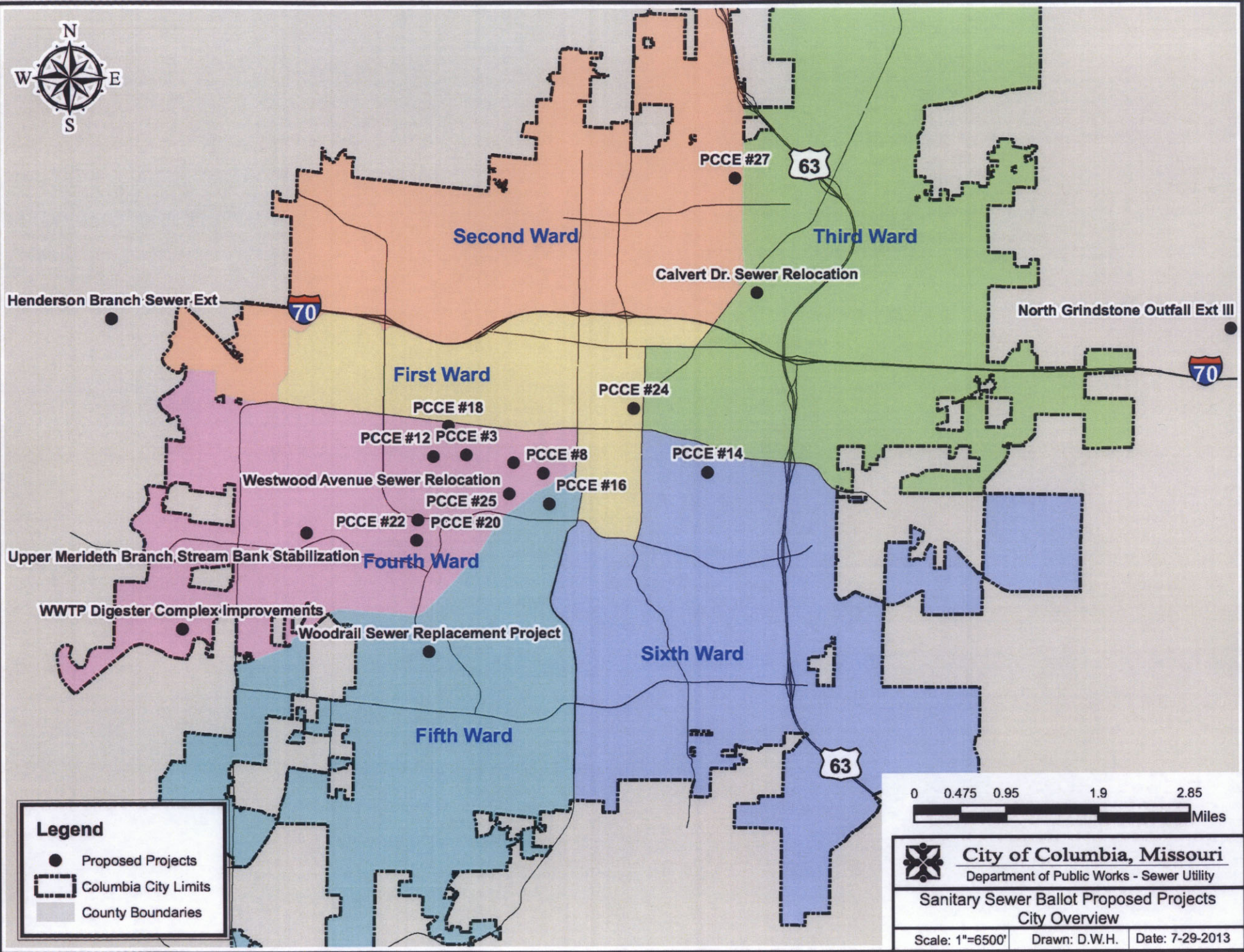
FISCAL and VISION NOTES:					
City Fiscal Impact Enter all that apply		Program Impact		Mandates	
City's current net FY cost	\$0.00	New Program/ Agency?	No	Federal or State mandated?	No
Amount of funds already appropriated	\$0.00	Duplicates/Expands an existing program?	Yes	Vision Implementation impact	
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 #	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 #	

2013 Sanitary Sewer Bond Project List

Project	Annual Funding	Total Estimate	Project Description	Ward
Inflow and Infiltration Reduction and System Improvements	\$15,930,000			All
			<p>This funding will be utilized to continue projects intended to reduce the amount of inflow and infiltration into the collection system. The projects will consist of performing Sewer System Evaluation Studies for identified sewer basins. These studies will identify sources of I&I by utilizing smoke testing, dyed water testing, and building inspections. In addition, these studies will provide GPS surveys of manholes, update the hydraulic model of the sanitary sewer system and provide for flow monitoring of the identified basins. Based on the results of these studies, construction projects will be designed to eliminate the I&I sources identified. These projects may include the following types of system improvements depending on the identified sources: manhole rehabilitation, sewer main rehabilitation using cured in place pipe, sewer main replacement, lateral connection rehabilitation, lateral rehabilitation using cured in place pipe methods, point repairs. Attached is a diagram showing the locations of the basins that may be studied and a list of the basins proposed to be studied and have rehabilitation work performed. It is estimated that completing studies in the first 6 additional basins will cost approximately \$2,000,000, the remaining funding will be utilized to fund the improvements identified by the studies.</p>	
Annual I&I Improvements	\$2,466,000	\$12,330,000		All
			<p>Funding for sewer system improvements that need to be completed in association with other projects, street improvement projects, trail projects, sidewalk projects, stormwater projects, etc. Also provides funding for projects that are identified by operations personnel that need to be completed by contract forces.</p>	
Annual Sewer System Improvements	\$500,000	\$2,500,000		All

Upper Merideth Branch Streambank Stabilization		\$450,000	Stabilization of the upper portion of the Merideth Branch Stream in University Park Subdivision. Large portions of the sanitary sewer have become exposed and are subject to damage and failure. Result will be reduction of potential damage to laterals and mains during high stream flow events.	4
Woodrail Sewer Replacement Project		\$260,000	Replacement of an existing sewer main that was constructed on the surface with a main installed at an adequate depth. The exposed sewer main is subject to freezing in the winter and damage due to being exposed.	5
Calvert Drive Sewer Relocation		\$220,000	Relocation of a sanitary sewer main that is currently located under a building. Project will be completed in conjunction with a storm water improvement project.	3
Westwood Avenue Sewer Relocation		\$170,000	Relocation of a sanitary sewer main that is currently in structurally poor condition and located under two buildings.	4
Sewer Main and Manhole Rehabilitation		\$3,500,000	Funding for annual projects to rehabilitate existing sanitary sewer mains and manholes in the collection system that are in poor physical condition that have been identified via TV inspection and are not included in the I & I basins.	All
Annual Sewer Main and Manhole Rehab	\$700,000	\$3,500,000		All
Private Common Collector Elimination		\$3,770,000	Funding for elimination of private common collector sewers by installing new City maintained sewers.	All
Annual Private Common Collectors	\$276,300	\$1,381,500	Funding for additional private common collector sewers that are anticipated to be requested by property owners.	All
PCCE #3 - Stewart and Medavista		\$100,000	Eliminate private common collector sewer in Stewart and Medavista Road area. Partially funded, additional funding necessary for construction.	4
PCCE #8 - Thilly Lathrop		\$570,000	Eliminate private common collector sewer in Thilly and Lathrop area. Partially funded, additional funding necessary for construction.	4
PCCE #12 - Maplewood Drive		\$140,000	Eliminate private common collector on Maplewood Drive.	4
PCCE #14 - Cliff Drive		\$290,000	Eliminate private common collector on Cliff Drive.	6

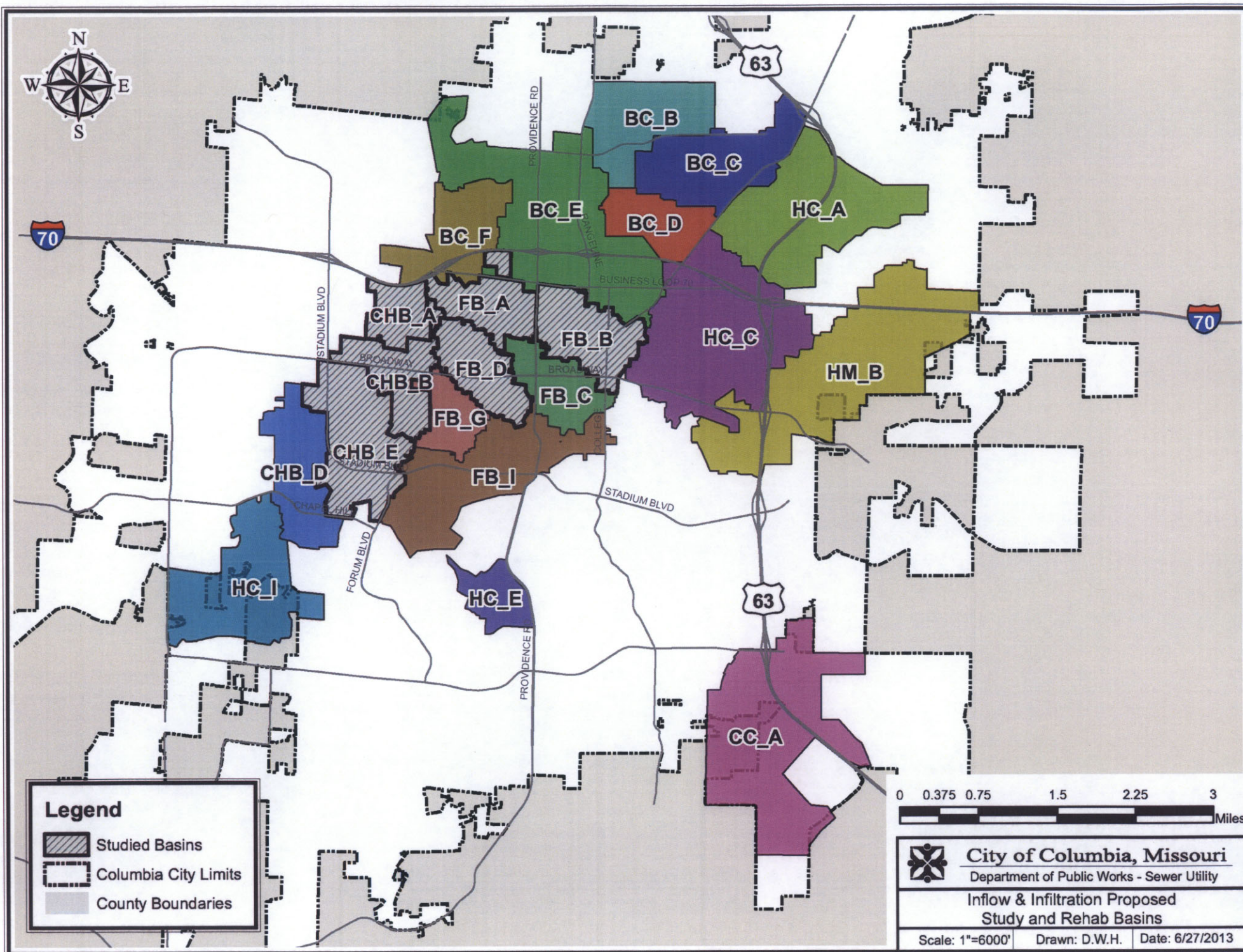
PCCE #18 - Spring Valley Road		\$40,000	Eliminate private common collector sewer on Spring Valley Road. Partially funded, additional funding necessary for construction.	4
PCCE #16 - Bingham Road and West Ridgeley Road		\$130,000	Eliminate private common collector in Bingham and Ridgeley Road area.	5
PCCE #20 - Ridgemont		\$240,000	Eliminate private common collector along Ridgemont.	4
PCCE #22 - Shannon Place		\$76,400	Eliminate private common collector along Shannon Place.	4
PCCE #24 - St. James and St. Joseph		\$134,100	Eliminate private common collector in the area of St. James and St. Joseph.	1
PCCE #25 - Glenwood and Redbud		\$560,000	Eliminate private common collector in the area of Glenwood and Redbud.	4
PCCE #27 - Grace Ellen		\$108,000	Eliminate private common collector along Grace Ellen.	2
WWTP - Digester Complex Improvements		\$4,100,000	Needed improvements to the existing digesters at the WWTP were identified during the design phase of the recent plant expansion project. These improvements were identified to be completed as a future phase of plant improvements. The major components are replacement of the existing mixers and installation of new covers on the four digesters.	4
Sewer System Extensions		\$4,440,000		
Annual 100-Acre Point Sewers	\$140,000	\$700,000	Funding for qualifying 100-acre point sewers. These sewers are requested at the time properties are developed.	Any
Henderson Branch Sewer		\$2,600,000	Extension of trunk sewer to Midway that will ultimately allow for elimination of small treatment facilities in this area.	2/county
North Grindstone Outfall Phase III		\$1,140,000	Extension of the North Grindstone Outfall sewer to east to Route Z. This will allow for additional growth in this area of the community.	3/county
Bond Financing Cost		\$600,000	Closing and administrative costs associated with issuing bonds.	
Total Proposed Sewer Bond		\$32,340,000		



I&I Proposed Study and Rehabilitation Basins FY2013 Bond

Basin	Structures	Pipe Footage	WIB's Occurences	WIB's # of Houses	SSO's Incidents	SSO Manholes
FB_D	898	46,214	67	40	6	2
FB_A	1,015	50,606	39	25	7	3
FB_B	486	59,013	59	40	3	1
CHB_A	483	31,000	7	4		
CHB_B	745	40,189	26	11	3	2
CHB_E	1,162	85,293	4	4	19	3
FB_G	444	27,379	3	3	4	1
FB_C	1,039	50,894	1	1		
FB_I	477	81,672	1	1	106	23
BC_E	928	107,046	16	7	9	4
HC_C	820	120,673	9	5	8	1
CHB_D	755	69,476	3	1	24	3
HM_B	772	107,102	3	1		
BC_B	788	63,790			11	4
BC_F	836	65,664			11	3
HC_I	503	54,742			5	3
HC_A	531	75,042				
BC_C	724	58,868				
HC_E	233	23,663			3	1
BC_D	230	28,259				
CC_A	142	47,448				

	Study Complete - Rehabilitation work proposed to be completed
	Study and rehabilitation work proposed with bond funding
	Basins to be studied in the future as funding allows



Introduced by _____

First Reading _____

Second Reading _____

Ordinance No. _____

Council Bill No. B 194-13

AN ORDINANCE

calling a special election in the City of Columbia, Missouri, on the question whether to issue the Sewer System Revenue Bonds of the City of Columbia, Missouri, in the amount of \$32,340,000 for the purpose of constructing, improving, repairing, rehabilitating, replacing, equipping, expanding and extending the city-owned sewerage system; designating the time of holding the election; describing the form of the notice of election; authorizing and directing the city clerk to give notice of the election; 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. A special bond election is hereby ordered to be held in the City of Columbia, Missouri, on Tuesday, November 5, 2013, on the following question:

PROPOSITION 1

Shall the City of Columbia, Missouri issue its Sewer System Revenue Bonds in the amount of Thirty-two Million Three Hundred Forty Thousand Dollars (\$32,340,000.00) for the purpose of constructing, improving, repairing, rehabilitating, replacing, equipping, expanding, and extending the City-owned sewerage system?

YES ()

NO ()

The authorization of the bonds will authorize the City to fix, establish, maintain and collect rates and charges for the use and services provided by the City through its sewerage system, including all improvements and extensions thereto hereafter constructed or acquired by the City, in addition to the other rates and charges for such services provided by law, as will produce income and revenues sufficient to provide funds to pay the costs of operation and maintenance of the sewerage system and the principal of and interest on the bonds as they become due and to retire the same within

twenty-five years from the date thereof, and to provide for the establishment of reasonable reserves therefor.

SECTION 2. The form of the Notice of Bond Election for the special election is hereby approved in substantially the form attached hereto as Exhibit A.

SECTION 3. The City Clerk is hereby authorized and directed to notify the Clerk of the County Commission of Boone County, Missouri, of the passage of this Ordinance no later than 5:00 o'clock p.m. on August 27, 2013, and to include in the notification all of the terms and provisions required by Chapter 115 of the Revised Statutes of Missouri, as amended.

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

PASSED this _____ day of _____, 2013.

ATTEST:

City Clerk

Mayor and Presiding Officer

APPROVED AS TO FORM:

City Counselor

NOTICE OF SPECIAL ELECTION
City of Columbia, Missouri

Notice is hereby given to the qualified voters of the City of Columbia, Missouri, that the City Council of the City has called an election to be held in the City on Tuesday, November 5, 2013, commencing at six o'clock a.m. and closing at seven o'clock p.m., on the question contained in the following sample ballot:

OFFICIAL BALLOT
Special Election
City of Columbia, Missouri
Tuesday, November 5, 2013

PROPOSITION 1

Shall the City of Columbia, Missouri issue its Sewer System Revenue Bonds in the amount of Thirty-two Million Three Hundred Forty Thousand Dollars (\$32,340,000.00) for the purpose of constructing, improving, repairing, rehabilitating, replacing, equipping, expanding, and extending the City-owned sewerage system?

☐ YES

☐ NO

The authorization of the bonds will authorize the City to fix, establish, maintain and collect rates and charges for the use and services provided by the City through its sewerage system, including all improvements and extensions thereto hereafter constructed or acquired by the City, in addition to the other rates and charges for such services provided by law, as will produce income and revenues sufficient to provide funds to pay the costs of operation and maintenance of the sewerage system and the principal of and interest on the bonds as they become due and to retire the same within twenty-five years from the date thereof, and to provide for the establishment of reasonable reserves therefor.

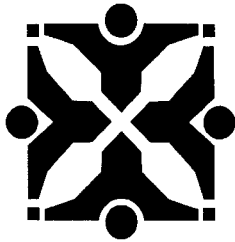
If you are in favor of the question, place an "X" in the box opposite "Yes". If you are opposed to the question, place an "X" in the box opposite "No".

The election will be held at the following polling places in the City:

[polling places to be added by election authority]

Dated this _____ day of _____, 2013.

Wendy Noren
Clerk of the County Commission



Source: Public Works

Agenda Item No:

To: City Council
From: City Manager and Staff

Council Meeting Date: Jul 15, 2013

Re: 2013 Sanitary Sewer Ballot Issue

EXECUTIVE SUMMARY:

Staff has prepared for Council consideration a resolution setting a public hearing for August 5, 2013 for the 2013 sanitary sewer ballot issue. Staff has also prepared an ordinance calling for a special election in the City of Columbia, with the question of whether to issue sewer system revenue bonds in the amount of \$32,340,000, for the purpose of constructing, extending, expanding, improving, repairing, replacing and equipping the City-owned sanitary sewer system.

DISCUSSION:

Projects identified with the 2008 sewer ballot issue have been, or are being completed. Staff proposes a 2013 sewer ballot issue in order to fund additional capital improvements, and has prepared an ordinance calling for a special election to issue sewer system revenue bonds in the amount of \$32,340,000 for future projects. If the ordinance is approved by Council, the election will be held Tuesday, November 5, 2013. If approved by the voters, the bonds will be used to complete capital improvement projects for the City's existing sanitary sewer collection system and treatment facility, and to pay for the City's share of sewer line extensions in accordance with city policies.

Capital improvement projects for the City's sanitary sewer collection system include: replacing private common collector sewers, inflow and infiltration reduction projects, repair and rehabilitation of manholes and sewer lines, extending main sewer trunk lines in developing drainage basins, and eliminating existing wastewater treatment facilities that discharge into creeks flowing throughout the City. Additionally, capital improvements to complete the upgrade of the City's wastewater treatment facility include constructing the planned improvements to the digesters to meet reliability needs, regulatory requirements and rehabilitate existing facilities.

It is anticipated that the bonds will be issued over a five (5) year period, and will be repaid entirely by sanitary sewer user charges. The repayment will require rate increases of 6% in FY2015, 5% in FY2017 and 1% in FY2019. The rate increase will result in increases in the average monthly residential sewer bill of \$1.45 in FY2015, \$1.28 in FY2017 and \$0.27 in FY2019, for a total monthly increase of approximately \$3.00.

FISCAL IMPACT:

Staff proposes issuance of sewer system revenue bonds in the amount of \$32,340,000, to be repaid with rate increases of 6% in FY2015, 5% in FY2017 and 1% in FY2019. The rate increase will result in a total average monthly increase of approximately \$3.00.

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Separate Sanitary Sewer Systems Monthly Residential User Rates

