

Introduced by _____

First Reading _____

Second Reading _____

Ordinance No. _____

Council Bill No. B 189-12

AN ORDINANCE

determining it is in the public interest to construct the Valley View Pump Interceptor Sewer Project; 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 the Valley View Pump Interceptor Sewer Project; 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 sanitary sewer improvements, more specifically described as the Valley View Pump Interceptor Sewer Project, 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 sewer utility enterprise revenue 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.

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 _____, 2012

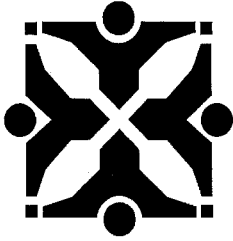
ATTEST:

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: Aug 6, 2012

Re: Bid Call for Valley View Pump Interceptor Sewer

EXECUTIVE SUMMARY:

Staff has prepared for Council consideration an Ordinance calling for bids through the Purchasing Agent for the construction of the Valley View Pump Interceptor Sewer Project. A diagram of the sewer alignment is attached and construction is proposed for Winter of 2013. The public hearing for this project was held February 20, 2012.

DISCUSSION:

The Valley View Pump Interceptor Sewer project will involve constructing approximately 2,060 linear feet of gravity sewer along an unnamed tributary to Perche Creek, south of Monterey Hills Subdivision and west of Valley View Gardens Subdivision, as shown on the attached project map.

The pump station was constructed in 1974 and is at the end of its life expectancy. Consultants for the 2004 Sanitary Sewer Master Plan inspected and evaluated the pump station and recommended that the pump station be eliminated by extending the gravity sewer. It is anticipated that this project will be constructed during Winter 2013.

FISCAL IMPACT:

The estimated total cost for the project is \$440,000 (\$10,000 for design, \$25,000 for easements and \$405,000 for construction); \$240,000 has been appropriated to date. The project is funded from enterprise revenues.

It is anticipated that this project will save \$1,300 in annual sewer operations and maintenance costs and \$12,000 to \$20,000 in replacement costs for the pumps which are nearing their life expectancy. Savings of personnel time and vehicle use for daily inspections would be spread among the remaining pump stations, so actual cost savings for personnel and equipment are indirect. Removing a pump station reduces the likelihood of sewer backups for which the City pays damages to property owners.

VISION IMPACT:

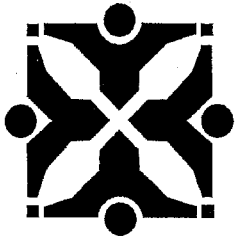
<http://www.gocolumbiamo.com/Council/Meetings/visionimpact.php>

Water quality is to be protected.

SUGGESTED COUNCIL ACTIONS:

Approval of the Ordinance to call for bids.

FISCAL and VISION NOTES:					
City Fiscal Impact Enter all that apply		Program Impact		Mandates	
City's current net FY cost	\$21,327.00	New Program/ Agency?	No	Federal or State mandated?	No
Amount of funds already appropriated	\$240,000.00	Duplicates/Expands an existing program?	No	Vision Implementation impact	
Amount of budget amendment needed	\$200,000.00	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?	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 #	



Source: Public Works *John*

Agenda Item No. *COPY*

To: City Council
From: City Manager and Staff

Council Meeting Date: Jan 17, 2012 *MM*

Re: Valley View Pump Interceptor Sewer

EXECUTIVE SUMMARY:

Staff has prepared for Council consideration a resolution setting a public hearing for February 20, 2012 concerning the construction of the Valley View Pump Interceptor Sewer. This project will involve constructing approximately 2,060 linear feet of gravity sewer along an unnamed tributary to Perche Creek south of Monterey Hills Subdivision and west of Valley View Gardens Subdivision as shown on the attached project map. The estimated total cost for this project is \$440,000 with financing from enterprise revenues.

DISCUSSION:

The Valley View pump station was constructed in 1974. Enclosed in a fiberglass housing, the pump station is comprised of a below grade wet well and a packaged station mounted above grade on the wet well. The station is a suction lift type station and is equipped with two 80 gpm pumps that discharge to a four inch force main. The pumps are operated based on wet well level measured with float switches. A general station alarm is communicated to the Wastewater Treatment Plant with an auto dialer. Overflow protection is provided through an adjacent detention box and a portable generator and pump.

Consultants for the 2004 Sanitary Sewer Master Plan inspected and evaluated the pump station. At that time, the pump station was operating well mechanically and was in good structural condition. The electrical system was satisfactory. The Master Plan recommended that the pump station be eliminated by extending the gravity sewer.

In May of 2009, there was a sewer back-up into a residence on Sunflower Street. The cause was determined to be related to a float switch in the pump station. Sewer Maintenance personnel inspect the pump station daily, Monday through Friday, and perform regular preventative maintenance. Life expectancy for these pumps is 20 years. Two years ago, Sewer Maintenance deferred replacement of the pumps contingent on construction of this project. If the construction project is not approved, pump replacement, or overhaul, will be scheduled for next fiscal year.

In 2007, the EP-3 Trunk sewer was constructed, providing a gravity sewer from west of Monterey Hills Subdivision to the Perche Creek sewer outfall. The Valley View Pump Interceptor Sewer project will extend gravity sanitary sewer service from the Valley View Gardens subdivision to the EP-3 Trunk sewer. By extending the gravity system, the pump station on Sunflower Street can be removed. Additionally, instead of abandoning the existing sewer detention box, it will be cleaned and retrofit to detain stormwater runoff. This will provide additional water quality benefit to the watershed.

Public Works invited property owners to a public meeting on January 5, 2012 to discuss the project. Four persons from two affected properties attended the meeting. The property owner with the greatest impact called for information about the project prior to the meeting. All comments received by these property owners were positive.

FISCAL IMPACT:

The estimated total cost for the project is \$440,000 (\$10,000 for design, \$25,000 for easements and \$405,000 for construction). \$240,000 has been appropriated for this project to date. The project is funded from enterprise revenues. It is anticipated that this project will save \$1,300 in annual sewer operations and maintenance costs, and \$12,000 to \$20,000 in replacement costs for the pumps which are nearing their life expectancy. Savings of personnel time and vehicle use for daily inspections would be spread among the remaining pump stations, so actual cost savings for personnel and equipment are indirect. Removing a pump station reduces the likelihood of sewer backups for which the City pays damages to property owners.

VISION IMPACT:

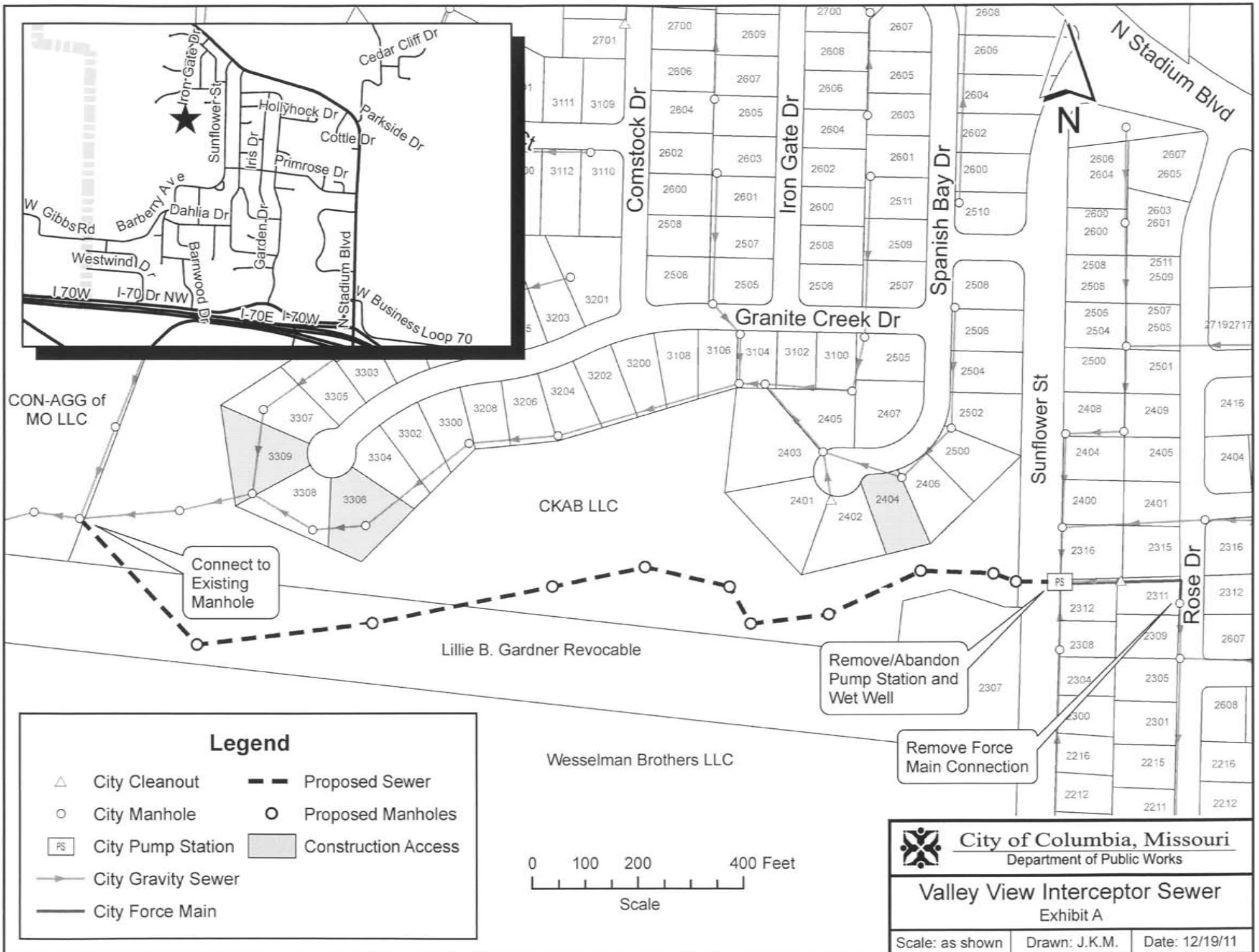
<http://www.gocolumbiamo.com/Council/Meetings/visionimpact.php>

The proposed sewer upgrade to eliminate a pump station will help protect the water quality of Perche Creek Watershed. Additionally, the retrofit of the detention box will provide some water quality benefit.

SUGGESTED COUNCIL ACTIONS:

Following public input and Council discussion at the public hearing, a motion should be made directing staff to proceed to prepare final plans and specifications for the project.

FISCAL and VISION NOTES:					
City Fiscal Impact Enter all that apply		Program Impact		Mandates	
City's current net FY cost	\$10,054	New Program/Agency?	No	Federal or State mandated?	No
Amount of funds already appropriated	\$240,000	Duplicates/Expands an existing program?	No	Vision Implementation impact	
Amount of budget amendment needed	Unknown until bid	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		Requires add'l FTE Personnel?	No	Primary Vision, Strategy and/or Goal Item #	9.1
Operating/Ongoing		Requires add'l facilities?	No	Secondary Vision, Strategy and/or Goal Item #	
		Requires add'l capital equipment?	No	Fiscal year implementation Task #	



Introduced by McDavid Council Bill No. R 5-12

A RESOLUTION

declaring the necessity for construction of sanitary sewer improvements, more specifically described as the Valley View Pump Interceptor Sewer 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 sanitary sewer improvements, more specifically described as the Valley View Pump Interceptor Sewer Project, necessary to the welfare and improvement of 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 \$440,000.00.

SECTION 4. Payment for this improvement shall be made from sewer utility enterprise revenue 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 February 20, 2012. The City Clerk shall cause notice of this hearing to be published in a newspaper published in the City.

ADOPTED this 17th day of January, 2012.

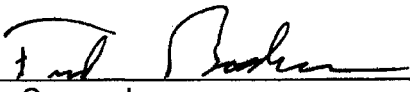
ATTEST:

[Signature]
City Clerk

[Signature]
Mayor and Presiding Officer

Department of Public Works
City of Columbia, Missouri
City Clerk's Office

APPROVED AS TO FORM:



City Counselor

