



Legislation Details (With Text)

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On agenda: 11/23/2015 **Final action:** 11/24/2015

Title: To authorize the Director of Public Utilities to enter a professional engineering agreement with Arcadis, U.S., Inc. for the Blueprint Miller Kelton-Newton/Bedford project; to authorize the appropriation and transfer of funds from the Sanitary Sewer Reserve Fund to the Sanitary Sewer General Obligation (G.O.) Bond Fund and to authorize the expenditure of \$999,911.92 from the Sanitary Sewer General Obligation (G.O.) Bond Fund and amend the 2015 Capital Improvements Budget. (\$999,911.92)

Sponsors:

Indexes:

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Attachments: 1. Ord 2483-2015 650870-101201 - Director's Legislation Information Sheet (5-23-11).pdf, 2. Ord 2483 SWIF Blueprint Miller Kelton - Newton Bedford

Date	Ver.	Action By	Action	Result
11/24/2015	1	CITY CLERK	Attest	
11/24/2015	1	MAYOR	Signed	
11/23/2015	1	COUNCIL PRESIDENT	Signed	
11/23/2015	1	Columbus City Council	Approved	Pass
11/16/2015	1	Columbus City Council	Read for the First Time	

- 1. BACKGROUND:** This legislation authorizes the Director of Public Utilities to enter a professional engineering agreement with Arcadis, U.S., Inc. for the Blueprint Miller Kelton-Newton/Bedford project, CIP 650870-101201. The objective of this work is for the City to mitigate overflows of Designed Sewer Relief (DSRs) throughout the City's system to the 10-year level of service (LOS). The City will evaluate and determine if this LOS is best achieved with strictly inflow and infiltration (I/I) elimination with green infrastructure (GI) or in combination with some gray infrastructure.

To accomplish this objective, the scope of work for this project will include all the requisite investigation, evaluation, formulation, and design to produce fully independent construction documents for the remediation of inflow and infiltration (I/I), green infrastructure (GI) technologies and other related activities and/or documents necessary for project completion.

It should be noted that this project, and all current and past Blueprint Columbus projects, are heavily "exploratory" in nature. The processes that we are employing are constantly under review and, if necessary, in revision. Thus, a significant amount of general and specific scope revision is common. A perfect example of this is the need for lateral CCTV work (Task A3). After receipt of the proposals for this round of Blueprint Columbus, past Blueprint projects deemed that lateral inspection and field location data was of little value for cost savings. However, no projects containing this feature have been constructed. So, this not considered a final decision and is under review. So, all associated costs for this portion of Task A3 for this project have not been removed; but changed to an "If Authorized" status.

Blueprint Miller Kelton - Newton/Bedford: This project will provide consultation services for the remediation of

I/I in the area as requested by the City. It will also conduct field investigations, model and clean all DOSD-owned storm water system facilities in the area, and devise, plan, and design green infrastructure facilities to accommodate storm water removed from the sanitary system by the I/I remediation efforts.

This project will look at the combination of gray/green solutions to remove/reroute inflow/infiltration from the sanitary sewer to relieve Water In Basement occurrences (WIBs) and Designed Sewer Relief (DSRs) in the Miller Kelton-Bedford/Newton boundary area up to the 10-year level of service. A future modification is anticipated.

2. **PROJECT TIMELINE:** It is anticipated that a Notice to Proceed will be issued in December 2015. Detailed Design is projected to be completed by June 2017. Land acquisition is projected to be completed June 2019. Construction is projected to commence November 2019 and with an anticipated completion by November of 2021.

3. **PROCUREMENT:** The Division advertised for request for proposals (RFP) on the City of Columbus's Vendor Services website and in the City Bulletin in accordance with the overall provisions of Section 329 of Columbus City Codes. The Division of Sewerage and Drainage opened the responding proposals on January 30, 2015 from the following companies:

Name	C.C. No. /Exp. Date	City/State	Status
MS Consultants	34-6546916/3/07/2016	Columbus	MAJ
Chester Engineers	20-2401674/6/30/2016	Columbus	MBE
CH2M Hill	32-0100027/12/2/2016	Columbus	MAJ
Arcadis	57-0373224/5/14/2017	Columbus	MAJ
OHM	38-1691323/2/16/2016	Columbus	MAJ
DLZ	31-1268980/2/28/2017	Columbus	MBE
CHA	16-0966259/6/17/2017	Columbus	MAJ
EMH&T	31-0685594/9/23/2017	Columbus	MAJ
Black & Veatch	43-1833073/9/22/2017	Columbus	MAJ
Ribway	31-1406579/5/13/2016	Columbus	MBE

Ten companies submitted proposals. These proposals were reviewed and ranked utilizing an evaluation committee and evaluation process. After careful consideration, the committee recommended that Arcadis, U.S., Inc. be awarded the engineering agreement for the Blueprint Miller Kelton-Newton/Bedford project.

4. This company is not debarred according to the Federal Excluded Parties Listing or the State Auditor's Findings for Recovery Database.
5. **CONTRACT COMPLIANCE NO.:** 57-0373224 | MAJ | Exp. 05/14/2017
6. **EMERGENCY DESIGNATION:** Emergency designation **is not** requested.
7. **ECONOMIC IMPACT:** The City has embarked upon its approved Wet-Weather Management Plan (WWMP). Currently, that plan is almost entirely comprised of a series of treatment plant capacity upgrades, storage tanks, tunnels, and other piping system augmentations; collectively known as “gray” infrastructure. After approval of the WWMP, the use of more renewable, sustainable, and environmentally-friendly systems, commonly referred to as “green” infrastructure, has been recognized and implemented in many communities as a potential solution to many of the elements associated with consent order requirements.

It is anticipated there will be a greater impact to both economic impact and advantages by implementing a group of smaller projects which would be conducive for competition with local suppliers and vendors as opposed to the large scale, previously devised, WWMP projects.

Community and Outreach for the project will be conducted by the City, the selected consultant and the Public Outreach Consultant, Brown and Caldwell, which is currently under contract for this work.

8. FISCAL IMPACT: This ordinance authorizes the appropriation and transfer of funds from the Sanitary Sewer Reserve Fund to the Sanitary Sewer General Obligation (G.O.) Bond Fund, Fund 664; to authorize the creation of sufficient budget authority; to authorize the expenditure of up to \$999,911.92 from the G.O. Bond Fund, Fund 664 and amend the 2015 Capital Improvements Budget to establish sufficient budget authority for this ordinance. Monies for this contract from the Sanitary Sewer Reserve Fund will be provided from a future Bond Sale via the transfer detailed in this ordinance.

..Title

To authorize the Director of Public Utilities to enter a professional engineering agreement with Arcadis, U.S., Inc. for the Blueprint Miller Kelton-Newton/Bedford project; to authorize the appropriation and transfer of funds from the Sanitary Sewer Reserve Fund to the Sanitary Sewer General Obligation (G.O.) Bond Fund and to authorize the expenditure of \$999,911.92 from the Sanitary Sewer General Obligation (G.O.) Bond Fund and amend the 2015 Capital Improvements Budget. (\$999,911.92)

WHEREAS, the objective of this work is for the City to mitigate overflows of Designed Sewer Relief throughout the City's system to the 10-year level of service; and

WHEREAS, this project will look at the combination of gray and/or green solutions to remove and/or reroute inflow and infiltration from the sanitary sewer to relieve Water In Basement occurrences (WIBs) and Designed Sewer Relief (DSRs) in the Miller Kelton-Bedford/Newton boundary area; and

WHEREAS, the City used an RFP process to select Arcadis, U.S., Inc. as the engineering firm for this project; and

WHEREAS, it is necessary to authorize the appropriation and transfer of funds from the Sanitary Sewer Reserve Fund to the Sanitary Sewer General Obligation (G.O.) Bond Fund

WHEREAS, it is necessary for City Council to authorize the expenditure of funds from the Sanitary Sewer System G.O. Bond Fund, Fund 664; and

WHEREAS, it is necessary to amend the 2015 Capital Improvements Budget for purposes of creating and providing sufficient budget authority for the aforementioned expenditures; and

WHEREAS, it is necessary to transfer funds from the Sanitary Sewer Reserve Fund in the amount \$999,911.92 for this project; and

WHEREAS, this transfer should be considered as a temporary funding method; and

WHEREAS, the City will sell notes or bonds to fund this project and will reimburse the Sanitary Reserve Fund; and

WHEREAS, the City anticipates incurring certain Original Expenditures (as defined in Section 1.150-2(c) of the Treasury Regulations (the "Treasury Regulations") promulgated pursuant to the Internal Revenue Code of 1986, as amended) with respect to the project described in this ordinance (the "Project"); and

WHEREAS, the Department of Public Utilities Division of Sewerage and Drainage is requesting that this Council authorize the Director of Public Utilities to enter into an engineering agreement with ARCADIS U.S., Inc. for the Blueprint Miller Kelton - Newton / Bedford project at the earliest practical date; **Now therefore**,

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF COLUMBUS:

SECTION 1. That the Director of Public Utilities be, and hereby is, authorized to enter a professional engineering agreement with Arcadis, U.S., Inc., 100 E. Campus View Blvd., Columbus, Ohio 43235 for the Blueprint Miller Kelton-

Newton/Bedford project in accordance with the terms and conditions as shown in the agreement on file in the office of the Division of Sewerage and Drainage.

SECTION 2. That from the unappropriated monies in the Sanitary Sewer Reserve Fund No. 654, and from all monies estimated to come into said fund from any and all sources, and unappropriated for any other purpose during the fiscal year ending December 31, 2015, the sum of \$999,911.92 is hereby appropriated to the Division of Sewerage and Drainage: Division 60-05 | OCA Code 655225 | Object Level One 10 | Object Level Three 5502.

SECTION 3. That the City Auditor is hereby authorized to transfer and appropriate a total \$999,911.92 from the Sanitary Sewer Reserve Fund to the Sanitary Sewer Bond Fund, Fund 664, into the Blueprint Miller Kelton - Newton / Bedford project, CIP 650870-101201, at such time as deemed necessary by the Auditor, or so much thereof as may be necessary in the following manner: Division 60-05 | 641201 | Object Level 06 | Object Level Three 6676.

SECTION 4. That the 2015 Capital Improvements Budget, Ord. 0577-2015 is amended as follows to provide sufficient budget authority for the project expenditures:

Fund No. | Project No. | Proj. Name | Current | Revised | (Change)

664 | 650261-101000 | WWTF Professional Construction Management (PCM) | \$2,084,654 | \$1,084,742 | (-\$999,912)
664 | 650870-101201 | Blueprint Miller Kelton - Newton / Bedford | \$0 | \$999,912 | (+\$999,912)

SECTION 5. That the Director of Public Utilities be and hereby is authorized to expend up to \$999,911.92 for the Blueprint Miller Kelton-Newton/Bedford project in the following manner for the Div. 60-05 | Obj. Lvl 3 6676: 650870-101201 | Blueprint Miller Kelton - Newton / Bedford project | 641201 | \$999,911.92

SECTION 6. That the said firm, Arcadis U.S., shall perform the work to the satisfaction of the Director of Public Utilities and the Administrator of the Division of Sewerage and Drainage.

SECTION 7. That the City Auditor is hereby authorized to transfer any unencumbered balance in the project account to the unallocated balance within the same fund upon receipt of certification by the Director of the Department administering said project that the project has been completed and the monies are no longer required for said project; except that no transfer shall be made from a project by monies from more than one source.

SECTION 8. That the City Auditor is authorized to establish proper project accounting numbers as appropriate.

SECTION 9. That the City Auditor is authorized to make any accounting changes to revise the funding source for all contracts or contract modifications associated with this ordinance.

SECTION 10. That upon obtaining other funds for the purpose of funding sanitary sewer system capital improvement work, the City Auditor is hereby authorized to repay the Sanitary Sewer Reserve Fund the amount transferred above (Section 3), and said funds are hereby deemed appropriated for such purposes.

SECTION 11. That the City intends that this Ordinance constitute an "official intent" for purposes of Section 1.150-2(e) of the Treasury Regulations, and that the City reasonably expects to reimburse itself for certain Original Expenditures incurred with respect to the Project from the proceeds of obligations to be issued by the City in a principal amount currently estimated to be \$999,911.92 (the "Obligations").

The City intends to make a reimbursement allocation on its books for the Original Expenditures not later than eighteen months following the later to occur of the date of the Original Expenditure to be reimbursed or the date the Project for which such Original Expenditures were made is "placed in service" within the meaning of Treasury Regulations Section 1.150-2(c). Upon the issuance of the Obligations, the proceeds of such Obligations shall be used to reimburse Sanitary/Sewer Reserve Fund 654, which is the fund from which the advance for costs of the Project will be made.

SECTION 12. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.