



## Legislation Details (With Text)

**File #:** 1504-2019      **Version:** 1

**Type:** Ordinance      **Status:** Passed

**File created:** 5/28/2019      **In control:** Public Utilities Committee

**On agenda:** 7/1/2019      **Final action:** 7/3/2019

**Title:** To authorize the Director of Public Utilities to renew a professional engineering agreement with Arcadis, U.S., Inc. for the Sanitary Sewer's Blueprint Miller Kelton-Newton/Bedford project and to add funding for the Division of Water's Newton/Bedford Water Line Improvements Project; to authorize the expenditure of up to \$988,928.03 from the Sanitary Sewer General Obligation Bond Fund; to authorize an expenditure of up to \$28,345.14 from the Water General Obligation Bond Fund; and to amend the 2019 Capital Improvements Budget. (\$1,017,273.17)

### Sponsors:

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### Code sections:

**Attachments:** 1. Ord 1504-2019 2014BP\_Director's Legislation Information Sheet (1-23-2019), 2. Ord 1504-2019 DAX Financial Form 650870-101201, 3. Ord 1504-2019 2019-05-09 New Utilization Form MASTER (5-2-18)

Date	Ver.	Action By	Action	Result
7/3/2019	1	CITY CLERK	Attest	
7/2/2019	1	ACTING MAYOR	Signed	
7/1/2019	1	COUNCIL PRESIDENT	Signed	
7/1/2019	1	Columbus City Council	Approved	Pass
6/24/2019	1	Columbus City Council	Read for the First Time	

**1. BACKGROUND:** This legislation authorizes the Director of Public Utilities to renew (Renew #1) a professional engineering agreement with Arcadis, U.S., Inc. for the Blueprint Miller Kelton-Newton/Bedford project, CIP 650870-101201. This Sanitary Sewers' project is being completed as part of the City's Blueprint Columbus program. This project will construct various types of green infrastructure (GI) throughout the neighborhood which will provide a higher water quality within the region by treating the surface runoff before it discharges to the waterways. The project will also rehabilitate the existing sanitary sewer laterals and install or redirect new roof downspouts so as to reduce inflow and infiltration (I&I) within the sanitary sewer system which will result in fewer water in basements (WIBs), reduced sanitary sewer flows and decreased sanitary sewer overflows (SSOs). This contract renewal will provide the funding necessary to conduct additional public meetings and outreach, complete the designs of the GI and private property work as well as the assembly of the bid documents for each of the phases.

To date, the consultant has conducted the required field investigations, property investigations, storm sewer cleaning and televising, hydraulic modeling & alternative analysis to determine the preferred alternative within the Miller Kelton Newton Bedford planning area. The consultants have used this data to assemble the 30% project plans and are currently work towards their 60% plan submittal.

Future work will concentrate on completing the project construction plans, assembling the construction documents, bidding the work and conducting engineering services during construction.

Planning Area: the project is located within the Near East (Miller-Kelton) #62

The Division of Water would like to add funding to this Ordinance for work on their Newton/Bedford Water Line Improvements Project under CIP No. 690236-100120.

The water line work will be bid concurrently with the sewer project. The same design firm will be utilized because the work areas overlap, and the same survey and base maps can be utilized. This will allow for significant cost savings in the design of the project. The two projects will then be bid and constructed together which will reduce the construction impact to the neighborhood since all of the work will be completed by one contractor.

The water line improvements are located within the “62 - Livingston Avenue” Community Planning Area and includes the area bounded by Mooberry, Livingston, Eighteenth, and Miller Avenue.

### **Renewal Information:**

#### **1.1 Amount of additional funds to be expended: \$1,017,273.17**

Original Contract	\$ 999,911.92
Renewal No. 1	\$ 1,017,273.17
Future Renewal (estimated)	\$ 200,000.00
CURRENT PROPOSED TOTAL	\$2,217,185.09

#### **1.2 Reasons additional goods/services could not be foreseen.**

This modification was anticipated.

#### **1.3 Reason other procurement processes are not used:**

Re-bid of the project will likely result in a higher project costs as much of the project history would be lost and would need to be rediscovered by another consultant unless the new RFP was won by the same consultant. In such a case, we would have missed significant time in acquiring and evaluating the new proposals without significant benefit.

#### **1.4 How cost of modification was determined:**

A cost estimate for the proposed scope of work was prepared by Arcadis and reviewed by DOSD and DOW. The total renewal includes total labor cost (direct labor multiplied by the hourly cost multiplier).

### **2. PROJECT TIMELINE:** It is anticipated that this renewal will be for a term of 2 years.

The duration of the design phase for the Newton/Bedford Water Line Improvements Project is 24 months. Part of the Consultant’s scope of work is to provide record drawings after the construction of this project is completed, therefore, it is estimated that the end of this agreement will occur in 2023.

### **3. CONTRACT COMPLIANCE NO.:** 57-0373224 | MAJ | Exp. 03/19/2021 | Vendor #: 009409

### **4. EMERGENCY DESIGNATION:** Emergency designation **is not** requested.

**5. ECONOMIC IMPACT:** This project is being completed as part of the City’s Blueprint Columbus program. This project will construct various types of green infrastructure (GI) throughout the neighborhood which will provide a higher water quality within the region by treating the surface runoff before it discharges to the waterways. The project will also rehabilitate the existing sanitary sewer laterals and install or redirect new roof downspouts so as to reduce inflow and infiltration (I&I) within the sanitary sewer system which will result in fewer water in basements (WIBs), reduced sanitary sewer flows and decreased sanitary sewer overflows (SSOs).

Community outreach is big part of these projects and the initial public meetings have been held. Subsequent meetings with other interested, neighborhood committees have also been held to inform them of the potential changes.

This project includes replacing or rehabilitating approximately 2,300 linear feet of 8-inch water mains within the project

area. Replacement of these water lines will improve water service, decrease burden on water maintenance operations, and reduce water loss.

The Neighborhood Liaison(s) will be contacted and informed of this project during the design phase. Further community outreach may result through the Neighborhood Liaison Program.

**6. FISCAL IMPACT:** This ordinance authorizes the expenditure of up to \$988,928.03 from the Sanitary Sewer General Obligation Bond Fund 6109, and \$28,345.14 from the Water General Obligation Bond Fund 6006, for a total expenditure of \$1,017,273.17. An amendment to the 2019 Capital Improvements Budget is also necessary.

To authorize the Director of Public Utilities to renew a professional engineering agreement with Arcadis, U.S., Inc. for the Sanitary Sewer's Blueprint Miller Kelton-Newton/Bedford project and to add funding for the Division of Water's Newton/Bedford Water Line Improvements Project; to authorize the expenditure of up to \$988,928.03 from the Sanitary Sewer General Obligation Bond Fund; to authorize an expenditure of up to \$28,345.14 from the Water General Obligation Bond Fund; and to amend the 2019 Capital Improvements Budget. (\$1,017,273.17)

**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 Division of Water would like to add funding for work on their Newton/Bedford Water Line Improvements Project under CIP No. 690236-100120; and

**WHEREAS**, it is necessary for City Council to authorize the expenditure of up to \$988,928.03 from the Sanitary Sewer General Obligation Bond Fund 6109; and

**WHEREAS**, it is necessary to authorize an expenditure of up to \$28,345.14 from the Water General Obligation Bond Fund; and

**WHEREAS**, it is necessary to amend the 2019 Capital Improvements Budget for purposes of creating and providing sufficient budget authority for the aforementioned expenditures; and

**WHEREAS**, the Department of Public Utilities Division of Sewerage and Drainage is requesting that this Council authorize the Director of Public Utilities to renew (Renew #1) an engineering agreement with ARCADIS U.S., Inc. for the following joint projects: DOSD's - Blueprint Miller Kelton - Newton/Bedford project, CIP 650870-101201 and the Division of Water's Newton Bedford Waterline Improvements, CIP 690236-100120 for the preservation of the public health, peace, property, safety, and welfare; **now, therefore**

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

**SECTION 1.** That the Director of Public Utilities is hereby authorized to renew (Renew #1) 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, CIP 650870-101201 and to add funding for the the Newton/Bedford Water Line Improvements Project, CIP 690236-100120 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 the Director of Public Utilities is hereby authorized to expend up to \$988,928.03 for the Blueprint Miller Kelton-Newton/Bedford project per the accounting codes in the attachment to this ordinance.

**SECTION 3.** That the 2019 Capital Improvements Budget is amended as follows to provide sufficient budget authority for the project expenditures:

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

6006 | P690236-100113 (carryover) | Manchester Ave. Area WL Imp's | \$230,202 | \$201,857 | -\$28,345

6006 | P690236-100120 (carryover) | Newton/Bedford WL Imp's | \$0 | \$28,345 | +\$28,345

6109 | P650870-122172 (carryover) | Blueprint Near South - Champion/Roberts | \$699,140 | \$0 | -\$699,140

6109 | P650870-122171 (carryover) | Blueprint Near South - Morrill/Ann | \$567,241 | \$277,452 | -\$289,789

6109 | P650870-101201 (carryover) | Blueprint Miller Kelton - Newton/Bedford | \$0 | \$988,929 | +\$988,929

**SECTION 4.** That the expenditure of \$1,017,273.17 or so much thereof as may be needed, is hereby authorized in the Sanitary Sewer General Obligation Bond Fund 6109 and the Water General Obligations Bond Fund 6006, per the accounting codes in the attachment to this ordinance.

**SECTION 5.** That the said firm, Arcadis U.S., shall perform the work to the satisfaction of the Director of Public Utilities and the Administrators of the Division of Sewerage and Drainage and Division of Water.

**SECTION 6.** 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 7.** That the City Auditor is authorized to establish proper project accounting numbers as appropriate.

**SECTION 8.** 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 9.** That this ordinance shall take effect and be in force from and after the earliest period allowed by law.