THE CITY OF ASHEVILLE

Staff Report

Council Meeting Date: July 27, 2021

Subject: N.C. Dept. of Transportation Construction Reimbursement Agreement for Patton Avenue Waterline Project

Staff Resource(s): David Melton - Water Resources Director
Chad Pierce - Engineering Services Manager

Action Requested: Adoption of a resolution authorizing the City Manager to execute a Construction Reimbursement Agreement with the N.C. Department of Transportation (NCDOT) at the estimated amount of $150,446.23 for construction work associated with waterline installation within Patton Avenue.

Background:

- As part of a planned future water transmission main project along Patton Avenue, the Water Resources Department will need to install water mains crossing underneath the road surface of Patton Avenue.
- Due to the existing conditions of the project corridor, the method to install said water mains, which will be the most efficient, cost effective, and least disruptive to businesses is by traditional open trench.
- As a condition of installing the water mains crossing underneath Patton Avenue via the open trench method, the NCDOT is requiring that the water mains be installed prior to their scheduled resurfacing of the road in the Fall of 2021.
- The Water Resources Department is not capable of letting a separate utility construction contract in time to complete the work before NCDOT's scheduled resurfacing project, and so must utilize department staff to complete these water main installations.
- The NCDOT also has a planned stormwater drainage project scheduled prior to their planned resurfacing project and has offered to assist with the installation of the water mains as part of their project to expedite the water main installations.
- The NCDOT assistance will include time, equipment, and materials for trench excavation, trench and road restoration, traffic control and job site safety, while Water Resources will provide and install the water mains.
- The Water Resources Department will have to reimburse NCDOT for their assistance with the water main installation, which is defined by the NCDOT Construction Reimbursement Agreement.
- For the purpose of construction coordination and efficiencies, the City of Asheville Water Resources Department wishes to enter into this Construction Reimbursement Agreement with NCDOT, which allows the water main work to be performed as part of the NCDOT's construction project.
- This work will be performed during night time hours, 7:00 PM to 7:00 AM and is anticipated to last 4 weeks.
- NCDOT has estimated that the cost of their portion of the work for this project will be $150,446.23.

Vendor Outreach Efforts:

- Not Applicable

Council Goal(s):

- A Financially Resilient City

Committee(s):

- None

Pro(s):

- Execution of the agreement allows the installation of municipal water lines to be performed under the NCDOT construction project, which will provide construction efficiencies producing cost savings and allow construction schedules to be met.

- This project is aligned with the City and the Water Resources Department goal of continued investment and improvement of the City's water system through Capital Improvement Projects to provide safe and reliable service.

Con(s):

- Failure to execute the agreement hinders the City of Asheville Water Resources Department's ability to meet obligations to NCDOT for the installation of municipal water lines within the NCDOT right-of-way.
- Failure to execute the agreement prevents the installation of municipal water lines from being performed under the NCDOT construction project. This will create difficulties with construction coordination, create a lack of efficiencies, and add to the overall cost of the construction.

Fiscal Impact:

- The funding needed for this agreement is currently allocated within the NCDOT Projects in the Water Resources Capital Improvement Projects Fund.

Suggested Motion:

- Move to adopt a resolution authorizing the City Manager to execute a Construction Reimbursement Agreement with the N.C. Department of Transportation (NCDOT) at the estimated amount of $150,446.23 for construction work associated with waterline installation within Patton Avenue.

Attachment(s):

- Resolution
- Project Location Map

RESOLUTION NO. 21-_____

RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE A CONSTRUCTION REIMBURSEMENT AGREEMENT WITH THE N.C. DEPT. OF TRANSPORTATION (NCDOT)

WHEREAS, pursuant to N.C.G.S. § 160A-312, the City of Asheville has authority to operate a public enterprise; and

WHEREAS, pursuant to N.C.G.S. § 160A-17.1, the City of Asheville is authorized to make contracts for and accept grants in aid and loans from federal and state governments and their agencies for constructing, expanding, monitoring and operating any project or facility or performing any function, which such city may be authorized by law to provide or perform; and

WHEREAS, both the City of Asheville Water Resources Department and NCDOT plans to make infrastructure improvements within the same sections of Patton Ave; and

WHEREAS, for the purpose of construction coordination and efficiencies, the City of Asheville Water Resources Department wishes to enter into a Construction Reimbursement Agreement with NCDOT, which allows the water main work to be performed as part of the NCDOT's construction project and with their assistance; and

WHEREAS, the funding needed for this agreement is currently allocated within the NCDOT Project in the Water Resources Capital Improvement Projects Fund;

NOW, THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ASHEVILLE THAT:

The City Manager, on behalf of the City of Asheville, is hereby authorized to execute a Construction Reimbursement Agreement with the North Carolina Department of Transportation (NCDOT) for the estimated amount of $150,446.23.

Read, approved, and adopted this 27th day of July 2021.

_____ _____

City Clerk Mayor

Approved as to form:

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City Attorney

Patton Avenue Waterline Installtion Project Area Map

