



City of Greensboro

Melvin Municipal
Office Building
300 W. Washington Street
Greensboro, NC 27401

Agenda Report

File Number: 2024-479

Agenda Item# I.1.

Agenda Date: 7/9/2024. **Department:** Water Resources

Meeting Type: Council Meeting **Category:** General Business Agenda

Title: 2024 - 479 Resolution Requesting City Council Approval of an Emergency Change Order to Contract 2020-007C with Jimmy R. Lynch and Sons, Inc. in the Amount of \$1,454,613

Council Priority: Place an 'x' in the box.

- | | |
|--|--|
| <input type="checkbox"/> Safest City | <input type="checkbox"/> Most Skilled Workforce |
| <input checked="" type="checkbox"/> Easiest Place to Do Business | <input type="checkbox"/> Most Connected City |
| <input type="checkbox"/> Youth Sports Capital | <input type="checkbox"/> Hub of Recreation and Entertainment |
| <input type="checkbox"/> Abundance of Attainable Housing | <input checked="" type="checkbox"/> Other/Admin <u>Infrastructure Improvements</u> |

Council District: County

Public Hearing: No

Advertising Date/By: N/A

Contact 1 and Phone: Michael Borchers, Ext. 2494

Contact 2 and Phone: Virginia Spillman, Ext. 3260

PURPOSE:

The Water Resources Department is requesting City Council approval of an Emergency Change Order to Contract 2020-007C for the repair of the failed 48-inch sanitary sewer force main used to transfer wastewater from the North Buffalo Transfer Pump Station to the T.Z. Osborne Wastewater Reclamation Facility in the amount of \$1,454,613.

BACKGROUND:

During routine outfall mowing maintenance on June 11, 2024, Water Resources personnel discovered a sink hole approximately 50 feet long and 12 feet wide over the 48-inch steel pipe force main that transfers sanitary sewer wastewater from the North Buffalo Transfer Pump Station to the T.Z Osborne Wastewater Reclamation Faculty. Water Resources personnel used a robotic camera to evaluate the condition of the force main. The CCTV shows multiple areas where the force main is severely corroded. While walking the alignment of the force main upstream of the sink hole, Water Resource personnel observed multiple smaller sink holes above the force main indicating that the corrosion has compromised the integrity of the force main pipe. A temporary repair was made by Water Resources personnel until the permanent repair can be made to lessen the environmental impacts and potential fines associated with a sewer overflow from this pipe failure. There are two force mains from the North Buffalo Transfer Pump Station to T.Z Osborne. The smaller force main can support dry weather wastewater flows from North

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Buffalo without the potential of a sewer overflow occurring at the North Buffalo Transfer Pump Station. The larger force main is needed and critical especially during wet weather events to prevent a sewer overflow at North Buffalo which would cause appreciable environmental harm, result in a major violation of the city's NPDES permit including the potential for monetary fines.

Jimmy R. Lynch and Sons is currently under contract with the city, in the vicinity of this forcemain failure, constructing sewer improvements to support the new Army Reserve Center with the Camp Burton Lift Station, Forceman, and gravity outfall. Jimmy R. Lynch and Sons will utilize M/WBE subcontractors to the maximum extent practical for this emergency repair work.

BUDGET IMPACT:

Funding in the amount of \$1,454,613 is available in the Water Resources Capital Improvement Fund.

ACCOUNT NUMBER:

503-70-7033203.6017

RECOMMENDATION / ACTION REQUESTED:

It is recommended that City Council approve the Emergency Change Order request for the repair of the 48-inch sewer force main from the North Buffalo Transfer Pump Station to T.Z Osborne Wastewater Treatment Facility in the amount of \$1,454,613 with Jimmy R. Lynch and Sons.