

STAFF REPORT

Date: September 25, 2024

To: Mayor and City Council

Through: Jackie Bryant, Interim City Manager

Subject: Staff Report (For Possible Action): Award of Contract to F.W. Carson Co., for the 2024 Consolidated Sewer Rehabilitation Project in the amount of \$5,149,946.30. (Sewer Fund)

From: Jonathan Smith, Senior Civil Engineer

Department: Public Works

Summary:

The 2024 Consolidated Sewer Rehabilitation Project will rehabilitate sewer and storm drain at six different locations in the Reno area. These areas were identified by Maintenance and Operations and Utility Services staff as high priority areas due to condition and/or capacity. This project will install approximately 1,750 feet of sanitary sewer pipe, remove storm drain-to-sewer cross connections, and install 39 manholes. Three bids were received and opened on August 23, 2024. F.W. Carson Co. submitted the best bid pursuant to the requirements established in Nevada Revised Statute (NRS) Chapter 338 in the not to exceed amount of \$5,149,943.30, which includes contingency. This project is included in the City's Capital Improvement Plan (CIP) budget for fiscal year (FY) 24. This work is scheduled to begin this fall and be complete by summer 2025. Staff recommends Council award the contract to F.W. Carson Co.

Consent Review	Yes	No
1. Is this item an annual or standard item that comes before Council for regular approval?		X
2. Is this item an agreement required based on an item previously approved by Council?		X
3. Is this item included in the current budget approved and adopted by Council?	X	
Other Considerations		
What percent of the total City budget does this item represent?	0.18%	

Alignment with Strategic Plan:

Infrastructure, Climate Change, and Environmental Sustainability

Previous Council Action:

September 13, 2023 – Approval of Consultant Agreement with Lumos & Associates, Inc. for Design Services for the 2024 Consolidated Sewer Project in an amount not to exceed \$518,510.

Background:

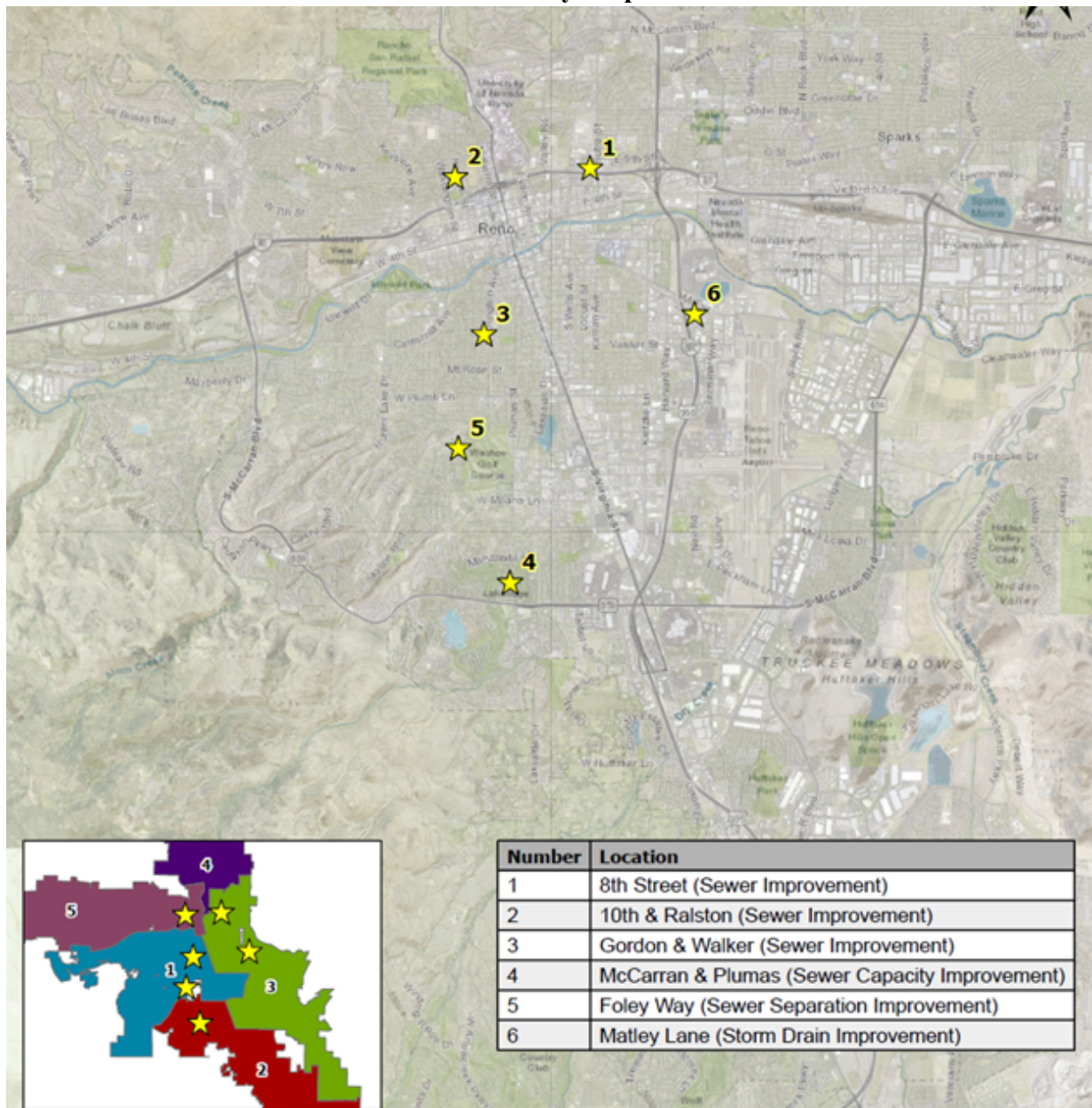
Utility Services and Maintenance and Operations staff have identified several high-priority areas that urgently need repairs or upgrades to improve pipe condition or increase capacity. Pipe condition assessment reports have shown that many pipes and manholes are at significant risk of failure because of their age and deteriorated condition. Some of these locations have already experienced pipe failures that required emergency repairs. To prevent future problems and avoid more emergency situations, these pipes need to be rehabilitated.

Utility Services has also identified several cross connections which contribute to inflow and infiltration (I&I) within the sanitary sewer system. I&I is defined as groundwater and stormwater entering the sewer system. A main contributor to I&I are cross connected systems, which occurs when a storm drain is directly connected to the sanitary sewer system. The additional flows from these connections can have a negative impact on the sanitary sewer system and raise costs for the City's wastewater treatment facilities.

Discussion:

This project involves installing approximately 1,750 feet of new sanitary sewer pipe, removing several cross connections with new storm drain installations, and adding 39 new manholes. The project areas are: 8th Street between Wells Ave and Sutro Street; 10th Street and Ralston Avenue; Gordon Avenue at Walker Avenue; Plumas Street between Bermuda Circle and S. McCarran Boulevard; Greenridge Drive at Foley Way; and Matley Lane at Mill Street. The vicinity map below shows the locations for this project.

Vicinity Map



Staff conducted a public bid for the 2024 Consolidated Sewer Rehabilitation Project and opened three bids on August 23, 2024. F.W. Carson Co. submitted the best bid pursuant to the requirements established in Nevada Revised Statute (NRS) Chapter 338. F.W. Carson Co. is a local General Contractor licensed in Nevada. Below is a bid summary table.

Table 1 – Bid Summary

Bidder	Total Bid Price
Engineer's Estimate	\$5,840,400.50
F.W. Carson Co.	\$4,649,946.30
Sierra Nevada Construction, Inc.	\$4,834,007.00
Aspen Developers Corporation	\$5,698,000.00

The engineer's estimate was based on recent projects of similar scope and complexity. The consequences of not awarding this bid today will result in further deterioration and insufficient sewer capacity for future developments.

Staff recommends award to F.W. Carson Co. for the 2024 Consolidated Sewer Rehabilitation Project in an amount not to exceed \$5,149,946.30, which includes a \$500,000 contingency for unforeseen items encountered during construction.

Table 2 – Recommended Bid Award

Consolidated Sewer (Base Bid)	\$4,649,946.30
Contingency	\$500,000.00
Bid Award	\$5,149,946.30

A construction management and material testing service agreement with Lumos & Associates for this project is also on the agenda for Council review and approval.

Financial Implications:

This project is included in the FY 23/24 Capital Improvement Plan and funds are available in the Sewer Fund.

Legal Implications:

This Contract was competitively bid in accordance with Chapter 338 of the Nevada Revised Statutes (NRS). NRS 338.147 provides that a local government shall award a contract for a public work for which the estimated cost exceeds \$250,000 to the contractor who submits the best bid pursuant to the requirements of the chapter. F.W. Carson Co. maintains the proper license to perform the project and submitted the best bid pursuant to State Law.

Recommendation:

Staff recommends Council award the contract to F.W. Carson Co. for the 2024 Consolidated Sewer Rehabilitation Project in the amount of \$5,149,946.30 and authorize the Mayor to sign the contract.

Proposed Motion:

I move to approve the award the contract to F.W. Carson Co. for the 2024 Consolidated Sewer Rehabilitation Project in the amount of \$5,149,946.30 and authorize the Mayor to sign the contract

Attachments:

- F.W. Carson Co._Construction_Contract_SR (PDF)