

STAFF REPORT

Date: May 7, 2025

To: Mayor and City Council

Through: Jackie Bryant, City Manager

Subject: Staff Report (For Possible Action): Approval of Consultant Agreement for Professional Engineering Services with Lumos and Associates, Inc., for the Sadleir Way and Matley Lane Storm Drain Rehabilitation Projects in an amount not to exceed \$249,407. (Sewer Fund) [Ward 1, 3]

From: Christopher Holman, Senior Civil Engineer

Department: Utility Services

Summary:

Staff is seeking approval of an agreement with Lumos and Associates, Inc. for professional engineering design services and the preparation of construction documents for two separate storm drain improvement projects: Sadleir Way and Matley Lane. These areas experience frequent localized flooding due to the lack of storm drain infrastructure to convey stormwater runoff downstream, which impacts both residential properties and businesses. The design services will include hydrologic and hydraulic analysis, geotechnical and field investigations, surveying, and design work necessary to develop complete construction documents. Staff recommends that Council approve the agreement with Lumos and Associates, Inc. in an amount not to exceed \$249,407. (Sewer Fund)

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?	0.03%	

Alignment with Strategic Plan:

Infrastructure, Climate Change, and Environmental Sustainability

Fiscal Sustainability

Previous Council Action:

There is no recent Council action relevant to this item.

Background:

The existing Southworth Drive storm drain system terminates on private property where stormwater is forced overland through private property, damaging existing structures, before reaching the downstream storm drain system in Sadleir Way. There are no storm drain facilities to convey flows from the Southworth Drive termination to Sadleir Way storm drain. The connection of Southworth Drive storm drain facilities to the downstream Sadleir Way storm drain will reduce the frequency of flooding and damage to private properties in the area.

Matley Lane and adjacent parcels are at a lower elevation than the surrounding area. An existing section of storm drain system currently terminates at 920 Matley Lane, with no downstream connection. As such, this area experiences frequent localized flooding due to the lack of storm drain systems to convey stormwater runoff downstream. City of Reno Maintenance and Operations staff frequently must close Matley Lane and pump stormwater in order to alleviate flooding. Installation of storm drain will connect these ponding areas in Matley Lane to the existing storm drain system in Mill Street.

Discussion:

This consultant agreement will provide hydrology, hydraulic analysis, preliminary design, final design, geotechnical investigations, field investigations, and surveying services in order to produce construction documents for soliciting bids to provide substantial improvements to the local storm drain systems in Sadleir Way and Matley Lane. Construction documents will be developed as separate packages for each project.

The Sadleir Way and Matley Lane projects are identified as the highest priority on the City of Reno Storm Drain Capital Improvement Plan. Additionally, these projects have been identified by City of Reno Maintenance and Operations staff as high priority due to the man-hours required to mitigate impacts of flooding, even in smaller storm events.

Sadleir Way Storm Drain Connection: Approximately 250–500 feet of new storm drain infrastructure is required to connect the existing Southworth Drive storm drain termination to the existing system along Sadleir Way. An alternative analysis to assess the feasibility of multiple proposed options will be needed, that factors in utility impacts, right-of-way needs, cost, and constructability.

Matley Lane Storm Drain Connection: Approximately 700 feet of new storm drain infrastructure is needed to connect the existing Matley Lane storm drain termination to the existing storm drain system in Mill Street. Additional catch basins may be required along Matley Lane to capture ponding areas and direct them into the new proposed storm drain system.

See the attached vicinity map.

Financial Implications:

Professional engineering services in the amount of \$249,407 were included in the Fiscal Year 2025 Capital Improvement Plan within the Sewer Fund.

Legal Implications:

Legal review completed for compliance with City procedures and Nevada law.

Recommendation:

Staff recommends Council approve the consultant agreement.

Proposed Motion:

I move to approve the consultant agreement for professional engineering services with Lumos and Associates, Inc. for the Sadleir and Matley Lane Storm Drain Rehabilitation Projects in an amount not to exceed \$249,407 (Sewer Fund) and authorize the Mayor to sign.

Attachments:

2025 Storm Drain Rehabilitation Agreement with Lumos and Associates, Inc.
Vicinity Map