

STAFF REPORT

Date: March 13, 2024

To: Mayor and City Council

Through: Doug Thornley, City Manager

Subject: Staff Report (For Possible Action): Presentation, discussion, and direction to staff for the approval of the Regional Transportation Commission (RTC) Fiscal Year (FY) 2025 Interlocal Cooperative Agreement authorizing the RTC Program of Projects within the City of Reno.

From: Khalil Wilson, Assistant Director of Public Works and Assistant City Engineer

Department: Public Works

Summary:

In accordance with state laws, an Interlocal Cooperative Agreement (ICA) is needed to specify the responsibilities for delivering new projects located within the jurisdiction of the City and provide authorization for the Regional Transportation Commission (RTC) to exercise the power of eminent domain, as necessary. The Fiscal Year (FY) 2025 projects include preventative maintenance, corrective maintenance, traffic signal intersection improvements, intelligent transportation system (ITS) traffic management, and roadway reconstruction.

In addition, there are four major projects included in the program to begin the design and/or environmental process:

- West Fourth Street Safety Project
- Moya Boulevard Widening Project
- Sixth Street for All Project
- Downtown Reno Micromobility Project

All four major projects are listed in the 2050 Regional Transportation Plan (RTP). Staff recommends approval of this agreement.

Alignment with Strategic Plan:

Economic and Community Development

Infrastructure, Climate Change, and Environmental Sustainability

Public Safety

Previous Council Action:

There is no recent Council action relevant to this item.

Background:

The RTC's Program of Projects identifies and prioritizes funding for the RTC's regional streets and highways project, including RTC fuel tax revenues. This program has been developed in accordance with priorities established as part of the Unified Planning Work Program, the RTP, the Regional Transportation Improvement Plan (RTIP), and the regional road pavement preservation program.

RTC fuel tax revenues are the most significant source of funding for projects in the FY 2025 Program of Projects. In accordance with state law, in evaluating and determining whether to approve the use of fuel tax on a project, the RTC Board must evaluate the project in terms of:

- a) Priorities established by the RTP;
- b) Relation of the proposed work to other projects already constructed or authorized;
- c) Relative need for the project in comparison with others proposed; and
- d) Money available.

After the RTC Board approves the projects, they are brought to the Washoe County Commission for approval to authorize the use of fuel taxes on the projects.

In accordance with state law, the RTC prepares ICAs specifying responsibilities for the construction of the projects and authorizing the RTC to exercise eminent domain, if necessary. These ICA agreements among the RTC, City of Reno, City of Sparks, and Washoe County are necessary to proceed with the work contained in these programs. Separate agreements are prepared by the RTC for each jurisdiction based on where the projects reside. This provides clarity to the overall program of projects and simplifies the process so that the approval of each ICA can occur independently; therefore, delays that may occur with one jurisdiction will not affect the ICA approval of another.

Discussion:

The ICA FY 2025 Projects are covered in three major categories: Pavement Preservation, Traffic & ITS, and Roadway Projects. Below is a description of each category, type of work, and the RTC allocated funding for FY 2025.

Pavement Preservation Projects

Preventative Maintenance is a planned strategy of cost-effective treatments to an existing roadway system that preserves the system, retards future deterioration, and maintains or improves the functional condition of the system.

- Type of work includes pavement patching and slurry seals.

- List of Projects – RTC staff is in the process of developing a list of candidates. Reno staff will review and confirm if the streets are viable candidates.
- FY 2025 allocated funding for Preventative Maintenance is \$6.5 million.

Corrective Maintenance activities are generally reactive, not proactive, and performed to restore a pavement to an acceptable level of service due to unforeseen conditions.

- Type of work includes pavement patching, milling of the roadway surface, and then filling with new asphalt.
- List of Projects – RTC staff is in the process of developing a list of candidates. Reno staff will review and confirm if the streets are viable candidates.
- FY 2025 allocated funding for Corrective Maintenance is \$2 million.

Roadway Rehabilitation is the replacement of the existing roadway. Rehabilitation is required when a pavement either has failed or has become functionally obsolete. Roadways that have a pavement condition index of less than 55 and with the highest traffic volumes have the highest ranking and are candidates for rehabilitation.

- Type of work includes removal and replacement of deteriorated sections of pavements, curbs, gutters, sidewalks, signage, striping, and Americans with Disabilities Act (ADA) pedestrian accessibility improvements.
- List of Projects – Projects with the highest ranking for rehabilitation are:
 - Wedge Parkway – Mt. Rose Highway to Whites Creek Lane (Ward 2)
 - Estimated cost – \$5.6 million
 - Estimated construction start – Spring 2025
 - Arrowcreek Parkway – Geyser Road to Wedge Parkway (Ward 2)
 - Estimated cost – \$4.5 million
 - Estimated construction start – Spring 2025
 - Meadowood Mall Area – Neil Way, Meadowood Mall Way, and Portion of Meadowood Mall Circle (Ward 2)
 - Estimated cost – \$1.6 million
 - Estimated construction start – Spring 2025
- FY 2025 allocated funding for Roadway Rehabilitation on Reno projects is \$11.7 million.

Traffic Operations & ITS Projects

Traffic Signal Intersection Improvements include traffic operational issues. RTC and Reno's Traffic Engineer identify problem areas. Proposed changes are evaluated for effectiveness, which includes saving money and providing a quicker and more localized response.

- Type of work includes new signals and roadway geometry upgrades.
- List of Projects – RTC staff is in the process of developing a list of candidates. Reno staff will review and confirm if the streets are viable candidates.
- FY 2025 allocated funding for Signal Intersection Improvements is \$6 million.

ITS Traffic Management is a combination of leading-edge information and communication technologies used in transportation and traffic management systems to improve the safety, efficiency, and sustainability of transportation networks; reduce traffic congestion; and enhance drivers' experiences.

- Type of work includes improvements to regional infrastructure using new technology to manage traffic.
- List of Projects – RTC staff is in the process of developing a list of candidates. Reno staff will review and confirm if the streets are viable candidates.
- FY 2025 allocated funding for ITS/Traffic Management is \$4 million.

Roadway Projects

There are four subcategories of Roadway projects: Circulation, Safety & Operational Improvements, Capacity, and Micromobility. The Roadway projects included in the FY 2025 ICA will allow RTC to begin environmental permitting and design. All projects are listed in the 2050 RTP.

1. Moya Boulevard Widening (Ward 4) – [Capacity] A capacity need was identified in the 2050 RTP. The project will widen Moya Boulevard from two lanes to four lanes from Red Rock Road to Lear Boulevard.
 - a. Estimated cost – \$20 million
 - b. Estimated construction start – 2027
2. West Fourth Street Safety Project (Ward 1) [Safety & Operational and Micromobility] Safety and micromobility improvements between West McCarran Boulevard and Vine Street.
 - a. Estimated cost – \$26.5 million
 - b. Estimated construction start – 2026
3. Sixth Street for All Project (Ward 3, 5) [Safety & Operational and Micromobility] Safety and micromobility improvements between North Virginia Street and East Fourth Street
 - a. Estimated cost – \$24 million.
 - b. Estimated construction start – 2026
4. Downtown Reno Micromobility Project (Wards 1, 3, and 5) – [Safety & Operational and Micromobility] Safety and micromobility improvements on Reno's downtown street network.
 - a. Estimated Cost – \$20 million
 - b. Estimated construction start – 2025
 - c. Network of Streets include:
 - i. Fifth Street (Keystone Avenue to Evans Avenue)
 - ii. Vine Street (Riverside Drive to University Terrace)
 - iii. Virginia Street (California Avenue to Ninth Street)
 - iv. Sinclair Street/Lake Street/Evans Avenue (Holcomb Avenue to Ninth Street)

CITY OF RENO NEW PROJECTS FY 2025

MOYA BLVD WIDENING

Widen Moya Blvd
2 lanes to 4 lanes

2027

\$20 Million Investment

SIXTH STREET FOR ALL

Safety and multimodal
improvements

2026

\$24 Million Investment

WEST 4TH STREET SAFETY PROJECT

Safety and multimodal
improvements

2025-2026

\$26.5 Million Investment

DOWNTOWN RENO MICROMOBILITY PROJECT

5th Street

(Keystone Ave. to Evans Ave.)

Vine Street

(Riverside Dr. to University Terrace)

Virginia Street

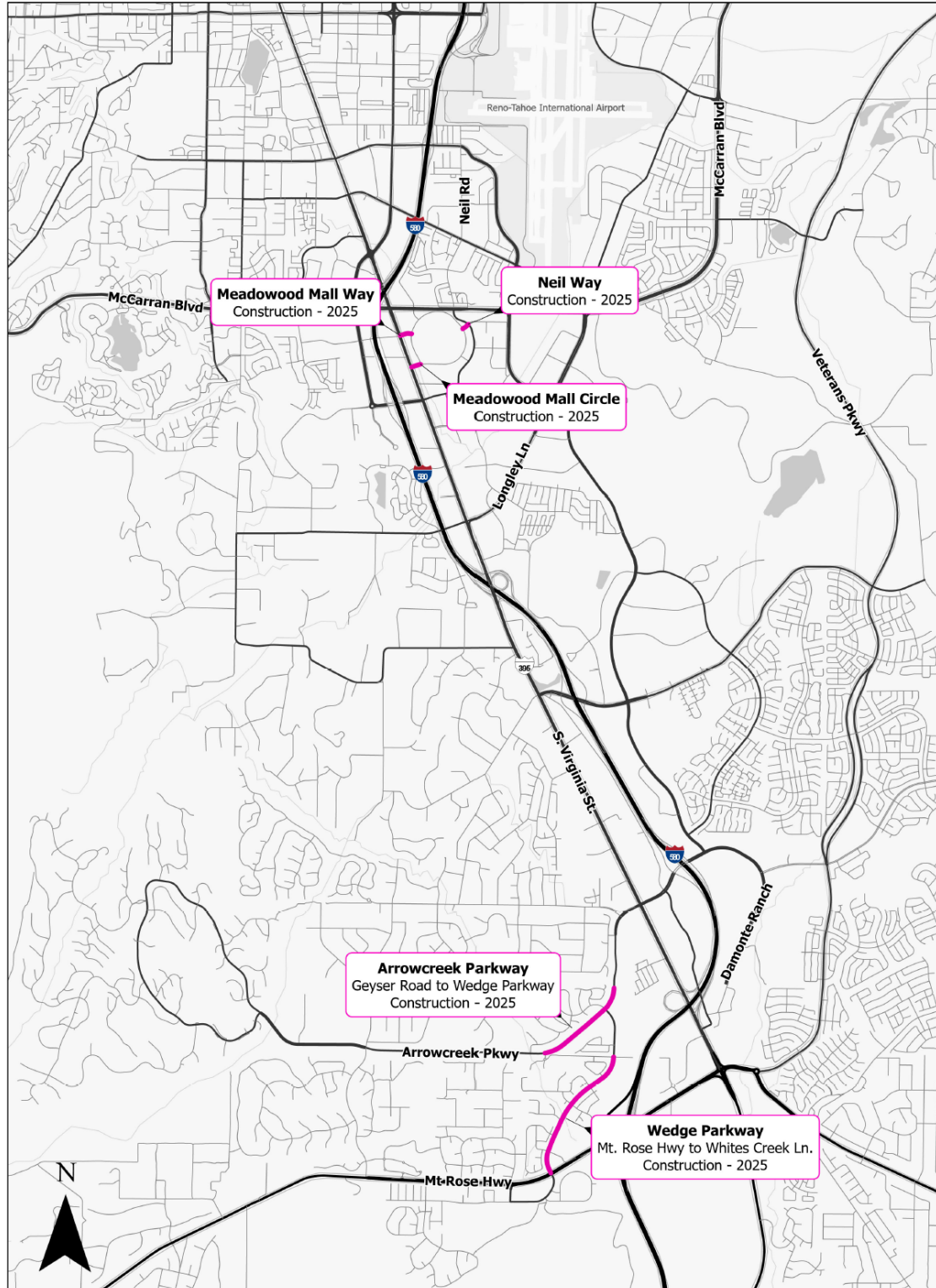
(California Ave. to 9th St.)

Sinclair Street/Lake Street/Evans Avenue
(Holcomb Ave to 9th Street)

2025

\$20 Million Investment

CITY OF RENO REHABILITATION PROJECTS FY 2025



Financial Implications:

The agreement requires no financial contribution from the City of Reno.

Legal Implications:

Legal review completed for compliance with City procedures and Nevada law. The Interlocal Cooperative Agreement is in accordance with Chapter 373.140 of the Nevada Revised Statutes (NRS) for said projects.

Recommendation:

Staff recommends Council approve the Regional Transportation Commission (RTC) Fiscal Year 2025 Interlocal Cooperative Agreement authorizing the RTC Program of Projects within the City of Reno and authorize the Mayor to sign the agreement.

Proposed Motion:

I move to approve staff recommendation.

Attachments:

FY 2025 Street & Highway ICA