



**REGIONAL TRANSPORTATION COMMISSION**

*Metropolitan Planning • Public Transportation & Operations • Engineering & Construction*

Metropolitan Planning Organization of Washoe County, Nevada

May 20, 2019

**AGENDA ITEM 3.12**

**TO:** Regional Transportation Commission

**FROM:** Brian Stewart, P.E.  
Director of Engineering



Lee G. Gibson, AICP  
Executive Director

**SUBJECT: Lemmon Drive Project Procurement**

**RECOMMENDATION**

Authorize the procurement of Engineering Professional Services for the Design of the Lemmon Drive Project.

**SUMMARY**

The RTC is now ready to proceed with preliminary and project delivery options for this project. The Regional Transportation Plan (RTP) currently defines the Lemmon Drive Project as a capacity project that falls within the first five years of the 2040 RTP. The project is currently in the Capital Improvement Plan (CIP) and the Transportation Improvement Program (TIP). The RTC Board approved the FY 2020 Program of Projects that included Lemmon Drive. The RTP describes the overall Lemmon Drive Project as two distinct segments slated for improvements, but also defines the design work to be conducted between years 2017-2021 and the construction to occur between years 2022-2026. Preliminary engineering is required to examine alternatives, develop a preferred alternative to 30%, evaluate construction cost and schedule, and recommend a project delivery method including the possibility of acting as Program Manager for design build concept.

The procurement will begin the process of a qualification-based selection to select a Service Provider to perform Engineering services to develop the design for the Lemmon Drive Project.

**FISCAL IMPACT**

Appropriations are included in the FY 20 Budget and FY 20 Program of Projects.

**PREVIOUS ACTIONS BY BOARD**

April 19, 2019                      Received an update on the project.

## **ADDITIONAL BACKGROUND**

Improvements proposed for the first segment include widening Lemmon Drive from US 395 to Military Road from four lanes to six lanes. Improvements proposed for the second segment include widening Lemmon Drive from Fleetwood Drive to Chickadee Drive from two lanes to four lanes. The RTP estimates the total cost of the improvements to be \$15.3 million.

At this time, it is not believed that the Lemmon Drive Project would require substantial National Environmental Policy Act (NEPA) documentation. RTC plans to follow federal requirements for the project so that federal funding options can remain open.

At this time the project will include the following work items:

**Surveying:** Provide project mapping necessary to support the design including locations of salient features vertically and horizontally.

**Design:** Two segments to 30% for road section from 4 to 6 lanes and 2 to 4 lanes. Prepare plans, specifications and permits so that solicitation documents can be prepared for a design build delivery method if it is the preferred method of delivery.

**Drainage:** Provide design impacts that widening and raising the profile elevation of the road are mitigated and meet County and City of Reno Standards.

**Geotechnical:** Gather existing information regarding previous work in the project area to design section alternatives and prepare a report for further investigation that would be required for final design effort.

**Plan Development:** Prepare 30% design plans, construction estimate, specifications, and schedule to complete the project through to construction.

**Right of Way/Utilities:** Perform right of way surveying and mapping and develop property descriptions to support the acquisition of right of way and easements.

**Public Outreach:** Prepare materials and displays to support public information, stakeholder, Commission or Council meetings and briefings or any other meetings required to communicate the project or gain approvals of permits. Support the RTC's Project Manager and Public Information Officer to coordinate and communicate with private/public entities and stakeholders as necessary.

**Project Management:** Provide effective collaborative project management that will deliver the project within established schedules and budgets. Develop a project management plan that will effectively communicate, plan and execute the work required to successfully complete the project. Conduct a cost and risk assessment workshop including a value engineering session and perform continuous risk assessment and evaluation techniques. Integrate the RTC's Project Manager into the Project Management Plan and perform a Value Engineering analysis for the project.

Consultant proposals will be evaluated on past performance including acting as a Program Manager for a design build contract. Additional criteria for evaluations will include project approach, knowledge of the project area including design challenges. Finally, the proposed project team will be evaluated for experience and knowledge with similar projects.

**ADVISORY COMMITTEE(S) RECOMMENDATION**

There are no advisory committee recommendations regarding this report.