



REGIONAL TRANSPORTATION COMMISSION

Metropolitan Planning • Public Transportation & Operations • Engineering & Construction

Metropolitan Planning Organization of Washoe County, Nevada

MEETING DATE: October 15, 2021

AGENDA ITEM 4.13

From: Brian Stewart, P.E., Director of Engineering

RECOMMENDED ACTION

Approve an Interlocal Cooperative Agreement (ICA) with Board of Regents, Nevada System of Higher Education, on behalf of the University of Nevada, Reno (UNR) for a Post Construction Traffic Study of South Virginia Street within the Midtown Segment of the Virginia Street Bus RAPID Transit Project in the amount of \$49,775.

BACKGROUND AND DISCUSSION

During design and construction of the South Virginia Segment of the Virginia Street Bus RAPID Transit extension project discussion occurred regarding behavior of traffic that would result from the completion of the project. As such, during implementation of the project, RTC desired a post condition review of traffic operations and measure performance of the constructed improvements.

The purpose is to study the behaviors of all modes of transportation within the Midtown area as it relates to LOS, safety, compliance (jaywalking, illegal turns, speeding, etc.), circulation, parking, and business accessibility. The study will collect data and study:

- 1) Traffic mobility performance, including volumes, delays, speeds and level of service (LOS) of multimodal traffic.
- 2) Traffic safety performance, including historical crash data, conflict analysis and illegal behaviors.
- 3) Transit BRT performance, including BRT travel time, ridership and station/stop access.
- 4) Traffic circulation analysis with Wejo data.

The study will be a technical, data driven evaluation utilizing current standards and practices for transportation movements within the Midtown area. The findings from the study will be summarized in a report identifying roadway elements positively or negatively impacting mobility, bicycle connectivity, safety, and business access and include recommendations of possible future spot projects.

FISCAL IMPACT

Appropriations are included in the FY 2022 Capital Budget.

ATTACHMENT(S)

- A. Interlocal cooperative Agreement – Midtown Virginia Street BRT – Post Construction Traffic Study