

Memorandum of Understanding for Deployment of the RTC ITS Strategic Master Plan

This Memorandum of Understanding (this “MOU”) is made and entered into on _____, 2024, by and between the following agencies:

- Regional Transportation Commission of Washoe County (“RTC”)
- City of Reno (“Reno”)
- City of Sparks (“Sparks”)
- Washoe County (“Washoe”)

Reno, Sparks, and Washoe may be referred to herein collectively as the “Local Agencies,” and each a “Local Agency”.

RECITALS

WHEREAS, the purpose of this MOU is for RTC and the Local Agencies to collaborate on the deployment of the “2023 RTC Intelligent Transportation Systems (ITS) Strategic Master Plan (SMP),” including the recommendations in “Technical Memorandum #2” attached hereto (**Attachment A**).

WHEREAS, ITS devices, technologies and software are targeted at infrastructure, vehicles, and travelers, as well as integrated applications among them, to enable the development of an intelligent transportation system that improves safety, reliability, mobility and overall performance of the surface transportation system. Successful ITS deployments include, but are not limited to, traffic signal coordination, crash and incident detection, ramp meters, and traveler information systems.

WHEREAS, Reno, Sparks and the Nevada Department of Transportation (“NDOT”) all operate and maintain ITS devices in the region. Washoe has a current agreement with Reno to operate and maintain Washoe’s traffic signals. RTC coordinates with the Local Agencies through the Traffic Operations Management Subcommittee, and collaborates on ITS capital investments and a regional signal timing program.

WHEREAS, the RTC’s Regional Transportation Plan (RTP) includes strategic goals to increase the accessibility and mobility of people and freight, enhance the integration and connectivity of the transportation system across and between modes, and promote efficient system management and operation.

WHEREAS, it is in the interest of the RTC and the Local Agencies to collaborate on deployment of the 2023 RTC ITS Strategic Master Plan deployment recommendations to improve the performance of the regional transportation system.

WHEREAS, this MOU shall not obligate the parties to allocate or transfer funds. Specific projects or activities that involve the transfer of funds or property will require the execution of separate agreements. RTC will be responsible for developing funding plans for each specific deployment recommendation in coordination with the Local Agencies.

WHEREAS, there are other stakeholders that may be or need to be involved with deployment recommendations in the future such as Nevada Department of Transportation (NDOT), University of Nevada, Reno (UNR), emergency services, etc. The goal of this MOU is to unify RTC and the Local Agencies with regard to management of these efforts and the vision for deployment before engaging other

agencies or stakeholders. If and when agreements are necessary, RTC will use direction gained from this MOU to pursue future agreements.

COVENANTS

NOW, THEREFORE, in consideration of mutual covenants and conditions herein contained, the RTC and Local Agencies agree as follows:

1. Decision Making – the authority, accountability, leadership, direction and, control exercised by the RTC and Local Agencies to oversee the development and implementation of SMP deployment recommendations

1.1 The RTC will strive to perform the following tasks and functions in close coordination with the Local Agencies:

- Plan and implement SMP recommendations
- Establish and manage an oversight committee that will be made up of at least one representative from each Local Agency and be responsible for providing direction regarding SMP recommendations
- Measure performance of SMP recommendations and communicate results with all stakeholders

1.2 The Local Agencies will strive to perform the following tasks and functions in close coordination with the RTC:

- Participate in implementation of SMP deployment recommendations and provide oversight as needed
- Provide representation on the oversight committee and participate in decision-making regarding SMP recommendations
- Review and support development of performance measures

2. Operations – the planning and controlling of the movement of all modes of travel on streets and highways with the goal of ensuring maximum safety and efficiency

2.1 The RTC will strive to perform the following tasks and functions in close coordination with the Local Agencies:

- Operate regional traffic signal and ITS network and infrastructure
- Establish and operate a regional Traffic Management Center (TMC)

2.2 The Local Agencies will strive to perform the following tasks and functions in close coordination with the RTC:

- Participate in and provide oversight of regional traffic signal and ITS operations
- Provide control and access to traffic signal and ITS infrastructure as needed to allow for regional TMC operation

3. Maintenance – the systematic process for maintaining, upgrading, and expanding physical assets based on quality data and well-defined objectives in order to ensure the best long-term benefits

3.1 The RTC will strive to perform the following tasks and functions in close coordination with the Local Agencies:

- Establish a regionally consolidated ITS and traffic signal maintenance program

- Provide management, oversight, support, and establish maintenance responsibilities
- 3.2 The Local Agencies will strive to perform the following tasks and functions in close coordination with the RTC:
- Collaborate with development and implementation of a regionally consolidated maintenance program
 - Adopt consolidated approach to maintenance of traffic signals and ITS
4. Standards – the architecture of interrelated systems that work together to deliver dynamic traffic operations in environments that feature changing conditions and demands
- 4.1 The RTC will strive to perform the following tasks and functions in close coordination with the Local Agencies:
- Develop and implement regional ITS and traffic signal design standards and specifications
 - Establish and maintain a regional traffic signal and ITS asset management program
- 4.2 The Local Agencies will strive to perform the following tasks and functions in close coordination with the RTC:
- Participate in the development and adoption of regional traffic signal and ITS design standards and specifications
 - Support and participate in regional traffic signal and ITS asset management

Authorized Representatives

By signing below, each agency indicates that it endorses collaborative efforts to deploy the 2023 RTC ITS Strategic Master Plan deployment recommendations and agrees to maintain its responsibility as listed in this document.

Regional Transportation Commission

Chair

Executive Director

City of Reno

Mayor

City Manager

City of Sparks

Mayor

City Manager

Washoe County

Chair

County Manager