

D.6 - Intelligent Transportation Systems (ITS) Strategic Master Plan

Memorandum of Understanding (MOU)

April 24, 2024



C I T Y O F
RENO

Intelligent Transportation System

1

Managing infrastructure to improve mobility & safety of network

2

Providing information to the traveling public

3

Sharing information with partnering agencies



Today

MOU

- Reducing City Staff
- Obligating City Funds
- Changing Ownership of Infrastructure

REGIONAL
TRAFFIC
MANAGEMENT
CENTER

MOU

- Decision Making
- Operations
- Maintenance
- Standards



Purpose



**REACTIVE
OPERATIONS**



**SEPARATE
NETWORKS**



**INCONSISTENT
STANDARDS**



**ACTIVE & PROACTIVE
OPERATIONS**



**CONSOLIDATED
NETWORKS**



**UNIFIED
STANDARDS**



Focus Area #1 – Decision Making

- Plan and implement SMP recommendations
- Oversight committee that will be made up of at least one representative from each agency
- Measure performance of SMP recommendations





Focus Area #2 - Operations

- Operate the regional traffic signal and ITS network as one consolidated entity
- Establish, operate, and support a regional Traffic Management Center (TMC)





Focus Area #3 - Maintenance

- Establish and support a regionally consolidated ITS and traffic signal maintenance program
- Determine management, oversight, support, and maintenance responsibilities





Focus Area #4 - Standards

- Develop/adopt regional ITS and traffic signal design standards and specifications
- Establish, operate, and support a regional traffic signal and ITS asset management program





Agency Approvals



Implementation

April 2024

Acceptance of MOU

2024 - 2027

ITS SMP
Recommendations
Implementation

2028

Regional TMC
Operations &
Maintenance

Recommended Motion

I move to approve the memorandum of understanding (MOU) between the Regional Transportation Commission of Washoe County (RTC), the City of Reno, the City of Sparks, and Washoe County to collaborate on the deployment recommendations contained within RTC's Intelligent Transportation Systems (ITS) Strategic Master Plan and authorize the Mayor to sign.