



# City Council Report

**Date:** July 2, 2018  
**To:** City Council  
**Through:** Karolyn Kent, Assistant City Manager  
**From:** RJ Zeder, Transportation Director  
Tricia Boyer, ITS Engineer  
**Subject:** Arizona Department of Transportation – Loop 101 Mobility Project  
ADOT Project No.: M6966 01X (Districts 1 and 3)

## Purpose and Recommendation

The purpose of this report is to request Council approval to enter into an Intergovernmental Agreement (IGA) between the Arizona Department of Transportation (ADOT) and the City of Mesa (City) for the Loop 101 Mobility Project.

The City will contribute approximately 16 hours of staff time per month in the development of the project which involves the participation in the planning and implementation of this project. The project's duration is 4 years. It is anticipated that staff will participate in monthly meetings and review project documents during the project. The estimated in-kind staff time for this portion of the project is \$39,552. ADOT the lead agency working with other cities and Towns with interest in the State Route Loop 101 (Loop 101). ADOT will be responsible for the Loop 101 Mobility Project.

The City will also contribute 100 hours of in-kind staff time totaling \$5,000 towards the project. The hours will be used preparing alternate timing for the diversion route.

Staff recommends that Council approve the IGA and the Resolution authorizing the City Manager to enter into this IGA on behalf of the City.

## Background

ADOT has entered into a Cooperative Agreement with the Federal Highway Administration (FHWA) in response to the Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) initiative to develop a model deployment site for large scale installation and operation of an advanced transportation technologies project along Loop 101 (MP 1.2 to MP 62.2), a loop freeway corridor, hereinafter referred to as the "Loop 101 Mobility Project". As part of the initiative, ADOT is the direct recipient of a \$6 million grant which is to be used toward the Loop 101 Mobility Project.

The Loop 101 Mobility Project will allow for the design and integration of the following technologies into the ADOT system to address safety, improve mobility, and reduce congestion on Loop 101:

- Decision Support Systems (DSS)
- Adaptive ramp metering technology
- Adaptive signal control technology
- Integrated traveler mobility application suite
- Connected vehicle technology (at select interchanges) for transit and incident response vehicles and roadside development

ADOT has also partnered with the following agencies for the Loop 101 Mobility Project: Maricopa Department of Transportation (MCDOT), Maricopa Association of Government (MAG), Valley Metro (transit & light rail), City of Chandler, City of Glendale, City of Peoria, City of Phoenix, City of Scottsdale, and City of Tempe.

## **Discussion**

The purpose of this Agreement is to identify and define the responsibilities of ADOT and the City for the Loop 101 Mobility Project.

The Loop 101 Mobility Project would allow for improved mobility, safety and congestion reduction for the public.

## **Alternatives**

The City Council could choose not to enter into this IGA. This is not recommended as this result in the City be excluded from the Loop 101 Mobility Project and not allow the City to benefit from the project.

## **Fiscal Impact**

With this agreement, the City will commit to providing in-kind staff time totaling \$44,552 towards the project. Funding is available from the Transportation ITS Operations Budget.

## **Coordinated With**

The City Attorney's Office and the Transportation Department concur with this recommendation. The City has also coordinated this agreement with ADOT.