



City Council Report

Date: May 5, 2026

To: City Council

Through: Ian Linssen, Chief of Emerging Technology

From: Scott Conn, Chief Information Officer
City Transportation Department
City Attorney's Office

Subject: Approval of a Fiber Access Agreement with the City of Apache Junction for Information Technology and Related Services. (District 5)

Purpose and Recommendation

Staff recommend that the City Council approve and authorize the City Manager to enter into a Fiber Access Agreement with the City of Apache Junction. This agreement will enable the City of Mesa to share two (2) strands of single-mode fiber to establish connectivity between Mesa's fiber infrastructure, Apache Junction's Intelligent Traffic Network, and the Maricopa Association of Governments (MAG) Regional Community Network (RCN).

Background

The Regional Community Network (RCN) is a private Wide Area Network (WAN) connecting MAG member agencies to facilitate the exchange of transportation-related data throughout the MAG region. The data is monitored by MAG to understand the current state of transportation within our region and help project future transportation needs. The RCN uses existing agency-owned fiber and wireless infrastructure, which is managed by MAG at no cost for the benefit of the region.

The City of Mesa, a member of the MAG RCN network, operates a fiber network in support of public safety and City operations. Apache Junction, in order to establish a connection to the MAG regional community network, will use available City of Mesa fiber, based on fiber availability in existing paths that reach a fiber connection point in Apache Junction, to make their connection to MAG.

Discussion

Key benefits of the Fiber Access Agreement include:

- Reduced operational and capital costs in support of the RCN network
- Improved service resiliency and efficiency
- Stronger regional partnerships and collaboration
- Additional transportation data/information for MAG

Mesa retains full ownership and control of its assets and ensures compliance with applicable laws and operational standards.

Alternatives

- Approve the Fiber Access Agreement as recommended (Recommended)
- Request modifications (Could delay implementation)
- Take no action (Missed opportunities for operational savings and service improvements) for Apache Junction and MAG

Fiscal Impact

Approval of the agreement has no fiscal impact. Costs associated with connecting the City of Mesa fiber to the Apache Junction fiber network are funded by the City of Apache Junction.

Coordinated With

- Department of Innovation and Technology (DoIT)
- City of Mesa Transportation Department
- City of Apache Junction
- City Attorney's Office