



**Intergovernmental Agreement with Maricopa County and City of Glendale for Installation and Maintenance of Fiber Infrastructure for Indian School Road Fiber Transportation Enhancement Project (Ordinance S-46927)**

Request to authorize the City Manager, or his designee, to enter into an Intergovernmental Agreement (IGA) with the Maricopa County Department of Transportation (MCDOT) and the City of Glendale for the installation and maintenance of fiber and conduit infrastructure being installed as part of the Indian School Road Fiber Transportation Enhancement Project. Further request an exemption of the indemnification prohibition set forth in Phoenix City Code section 42-18 for a governmental entity pursuant to Phoenix City Code section 42-20. Further request authorization for the City Treasurer to accept and the City Controller to disburse all funds related to this item. The total estimated financial impact to the City is \$250,000.

**Summary**

In association with the Maricopa Association of Governments (MAG) Systems Management and Operations Plan, the project consists of the installation of fiber and conduit infrastructure along 12.5 miles of fiber optic infrastructure located in Maricopa County within the City of Glendale and the City of Phoenix from 99th Avenue and Cardinals Way to 99th Avenue and Indian School Road and then to 27th Avenue and Indian School Road. Approximately 11 miles of the 12.5 miles of fiber optic infrastructure is located within the City of Phoenix. The work includes the installation of conduit, fiber, pull box infrastructure, splice enclosures, and ethernet switches; a layer 3 network switch at two locations and connection to City of Phoenix and neighboring agency existing fiber communications cable. The project will connect to existing traffic signals along the fiber route and will provide a direct fiber connection between the Phoenix Traffic Management Center (TMC), the Glendale TMC, and the MCDOT TMC as well as provide for the opportunity to connect the Phoenix Emergency Response Center and the Glendale Emergency Response Center with a direct fiber connection. The IGA sets forth the responsibilities of the three participating agencies for the construction and maintenance of the project.

**Contract Term**

The term of the IGA will be five years and will begin on or about Sept. 17, 2020. The IGA will expire at the end of the five-year term or when the project is completed and

accepted, whichever comes first.

**Financial Impact**

The project is funded from local and federal funds through the MAG Transportation Improvement Program (TIP). The estimated construction cost is \$4.77 million, with approximately \$4.49 million of federal funds and a local match of \$280,000. The City of Phoenix will fund \$250,000; the City of Glendale will fund \$30,000; and Maricopa County will fund \$0. This agreement is contingent upon the availability of federal funds through the MAG TIP. Funding is available in the Street Transportation Department's Capital Improvement Program.

**Concurrence/Previous Council Action**

On Sept. 4, 2019, City Council authorized the Street Transportation Department to submit applications for federal funding for transportation projects through MAG as well as accept and enter into agreements with MAG for approved projects (Ordinance S-45998). This project was submitted as one of the qualifying applications.

**Location**

Within the City of Glendale and the City of Phoenix from 99th Avenue and Cardinals Way to 99th Avenue and Indian School Road to 27th Avenue and Indian School Road.  
Council Districts: 4, 5, 7 and Out of City

**Responsible Department**

This item is submitted by Deputy City Manager Mario Paniagua and the Street Transportation Department.