

**CITY OF GOODYEAR
COUNCIL ACTION REPORT**

SUBJECT: Approve Amendment No. One: 18-0006747-I) to the Intergovernmental Agreement (JPA 17-0006383-I) with the State of Arizona for installation of conduit, cable and other equipment at Elwood St, Cotton Ln, Estrella Pkwy, and Elliot Rd.	STAFF PRESENTER: Hugh Bigalk, Assistant City Traffic Engineer CASE NUMBER: None OTHER PRESENTER: None
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PROPOSED ACTION:

Authorize the Mayor or designee to execute Amendment One to the Intergovernmental Agreement, IGA 17-0006383-I, A.G. Contract No. P001201700140 with the State of Arizona, acting by and through its Department of Transportation, to establish responsibility for funding, purchasing, installing and maintaining fiber optic conduit, cable and equipment along Elwood Street from Cotton Lane to Estrella Parkway; Cotton Lane from Estrella Parkway to Lower Buckeye Road; Estrella Parkway from Elliot Road to Cotton Lane; and Elliot Road from San Gabriel Drive to Estrella Parkway in Goodyear.

BACKGROUND AND PREVIOUS ACTIONS:

On May 8, 2017 (CAR #17-6060), the City entered into an IGA with the State of Arizona for the installation of fiber optic conduit, fiber optic cable and ITS equipment which will allow staff to monitor traffic congestion, adjust traffic signal timing and coordinate traffic signals in real time from the city's Traffic Management Center (TMC) in Goodyear. This project will connect the following traffic signals:

- Cotton Lane & Lower Buckeye Road
- Cotton Lane & Commerce Drive
- Estrella Parkway & Mountain Ranch Marketplace (Walgreen's)
- Estrella Parkway & Elliot Road
- San Gabriel Drive & Elliot Road

At Elwood Street between Sarival Avenue & Estrella Parkway, the installation of fiber optic conduit will connect the traffic signals at the previously mentioned intersections to the city's fiber optic backbone.

The original construction project budget was \$875,000 with \$348,661 in federal funding.

STAFF ANALYSIS:

This project was originally submitted through MAG in fall 2015 with an anticipated start in FY18. The original approval of the project was funded FY18 at an estimated construction cost of \$875,000, which included \$348,661 of federal funding. The city's match obligation for the

construction phase was originally \$526,339. MAG Special Census funds awarded to Goodyear were anticipated to be used for city costs above the typical 5.7% city match (\$49,875).

Since the original IGA was executed, the estimated construction costs increased from \$875,000 to \$1,155,700. In addition, on January 31, 2018, MAG Regional Council approved \$741,165 in additional federal funds towards the cost of the project. Based on the revised estimate and the additional federal funding awarded for the project, the construction costs will be funded with \$1,089,826 in federal funds and \$65,874 (5.7% of \$1,155,700) in city funds. The net result of the increase in the estimated construction costs and the additional federal funding is that the city's match obligation for the construction phase of the project is reduced from \$526,339 to \$65,874.

Amendment One amends the cost estimate and modifies the original IGA to reflect the additional federal funding for the project.

FISCAL ANALYSIS:

Including the design and ADOT fees in addition to the construction addressed above, the total federal funding contribution including MAG funds to this project is \$1,254,851 and the required city match obligation is \$105,849. The city's match funds for this project are included in the FY18 budget and recommended FY19 budget for project ST1806*, and through the use of a credit with ADOT from prior projects savings.

Lastly, a portion of the planned FY19 budget for this project must be paid in FY18 to be eligible to use the closeout funding. This timing difference will be addressed and the FY19 budget revised based on the actual expenses in FY18. The Yuma Road fiber optic project (ST1603**) has budget savings that is available to provide the needed budget capacity in FY18 to allow for this payment timing change.

* ST1806 - Fiber Project: Elwood St (Cotton to Estrella); Cotton Ln (Estrella to Lower Buckeye)

** ST1603 - Fiber Project: Yuma (Estrella to Cotton and Cotton); Yuma to Canyon Trails Blvd

Table 1: Funding Breakdown

Phase	<i>Prior Funding (approved Fall 2015)</i>			<i>Current Funding (FY18 – FY19)</i>		
	<i>Federal</i>	<i>City</i>	<i>Total</i>	<i>Federal</i>	<i>City</i>	<i>Total</i>
ADOT Fee	\$0	\$30,000	\$30,000	\$0	\$30,000	\$30,000
Design	\$165,025	\$9,975	\$175,000	\$165,025	\$9,975	\$175,000
Construction	\$348,661	\$526,339	\$875,000	\$1,089,826	\$65,874	\$1,155,700
Total	\$513,685	\$566,314	\$1,080,000	\$1,254,851	\$105,849	\$1,360,700

RECOMMENDATION:

Staff recommends approval of the Intergovernmental Agreement

ATTACHMENTS:

Exhibit A
Amendment No. One to Intergovernmental Agreement