

# ITS Tracer Wire Improvements

**Project Number:** EM24-ITS01  
**Total Capital Cost:** \$89,000.00

**Department:** Development Services  
**Type:** Capital Improvement  
**Request Groups:** New  
**Timeline:** 07/01/2024 to 12/31/2024

**Request description:**

The City has installed fiberoptic lines along existing conduit runs on El Mirage and Thunderbird roads. This project would install approximately 4.3 miles of tracer wire within these conduits which would help to locate or detect the lines before digging. Tracer wire is a low-cost insurance policy that prevents costly mistakes from occurring while performing necessary repairs or new installations.

Capital Costs	FY2025	Total
Planning		\$0.00
Design		\$0.00
Engineering		\$0.00
Land/Right-of-way		\$0.00
Construction/Maintenance	\$89,000.00	\$89,000.00
Other		\$0.00
<b>Total</b>	<b>\$89,000.00</b>	<b>\$89,000.00</b>

Funding Source	FY2025	Total
111 - General	\$89,000.00	\$89,000.00
114 - Court		\$0.00
121 - Court Enhancement		\$0.00
128 - Towing		\$0.00
131 - HURF		\$0.00
141 - LTAF		\$0.00
148 - CDBG		\$0.00
149 - Special Projects		\$0.00
156 - Capital Streets		\$0.00
511 - Water		\$0.00
516 - Ranchettes		\$0.00
541 - Sewer		\$0.00
591 - Sanitation		\$0.00
<b>Total</b>	<b>\$89,000.00</b>	<b>\$89,000.00</b>

**Additional Information**

**Benefit to Community** The tracer wire would alert both City staff and utility locators that the fiber conduits were present so they could be marked prior to construction. The cost associated with the cutting of an unmarked conduit would be the responsibility of the City. This would also free up staff from having to locate the conduits.

**Type of Project** Other

**Strategic Priority** Superior Infrastructure

**Division** Engineering

**Grant Funding** No

**Bond Eligible** No

**Project Status** New