

CITY OF EL MIRAGE CAPITAL PROJECT

Fiber Project (addition)



Submitted Department: Information Technology
Budgeted Department: Information Technology
Division: N/A

Strategic Priorities:



PROJECT OVERVIEW

Project No.: 62117
Account No.:
Project Amount: \$ 130,000
Start Date: July-2020
Grant Funding: Yes No
Related Projects:
Project Status: New

PROJECT DESCRIPTION

This is a project that will result in the connectivity of the six main City Facilities (City Hall, Police, Public Works, Fire, Court, Customer Service) via fiber optic cable. Fiber optic cable will provide a 20x network speed increase between the facilities. The scope of this project includes boring services, conduit, fiber optic cabling and interconnects.

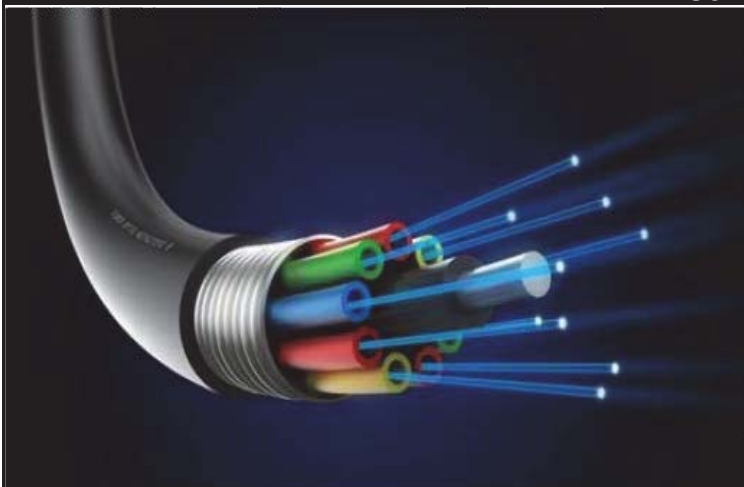
PROJECT JUSTIFICATION

The project began with \$125,000 in funds and approximately half was spent as matching funds for the City's portion of the ITS project. The ITS project provided the necessary fiber infrastructure to which the City buildings will be connected. Connecting the City buildings with fiber optic cabling will eliminate the need for the Cox metro ethernet, providing a savings of approximately \$36,000 per year.

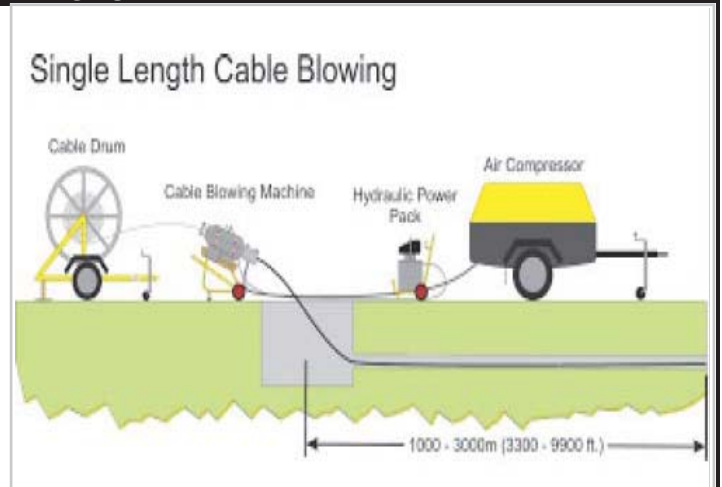
CIP REQUEST

Category:	Fund #	Funding Source:	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	TOTAL REQUESTED
Design								\$0
Land								\$0
Equipment	10-General	Taxes	\$130,000					\$130,000
Buildings								\$0
Improvements								\$0
Total by Year			\$130,000	\$0	\$0	\$0	\$0	
TOTAL								\$130,000
			FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	TOTAL
Total Operating Costs								\$0
Total Anticipated Revenue/Cost Savings				\$36,000	\$36,000	\$36,000	\$36,000	\$144,000

PROJECT IMAGES



Example of Fiber Optic Cable



Fiber Optic Cabling Installation Example