

Project Title: Traffic Signalization - Fiber Optic **Council District(s):** CW
Project Location: Countywide **Project Number:** 010405
Department: Public Works **Program Area:** Roads / Infrastructure / Transportation
Ordinance No.: **BT No.:** 20 years **Useful Life:** **Project Completion Date:**

Project Description:

The project will provide communications to the traffic signals along selected City arterials. A communication link to a traffic signal controller will allow for remote assessment of signal issues, provide automated warning for power outages, allow for video capability, and remote real time observation of the intersection and corridor.

Justification:

A communication link to a traffic signal controller will allow for remote assessment of signal issues, provide automated warning for power outages, allow for video capability, and remote real time observation of the intersection and corridor. Fiber communications will allow for a more rapid assessment and reduced labor costs.

Funding Sources	Total	Prior Years	FY 24-25	FY 25-26	FY 26-27	FY27-28	FY28-29
Transfer Between Projects	\$ -	-					
Debt Proceeds / Borrowed Funds	\$ 1,800,000	1,250,000	(450,000)	500,000	500,000		
Pay-Go	\$ 750,000	1,500,000	(750,000)				
Interest Earnings	\$ -	-					
Contribution from Private Source	\$ -	-					
Grant / Trust Fund	\$ -	-					
Totals	\$ 2,550,000	\$ 2,750,000	\$ (1,200,000)	\$ 500,000	\$ 500,000	\$ -	\$ -

Expenditures/Project Phase	Total	Prior Years	FY 24-25	FY 25-26	FY 26-27	FY27-28	FY28-29
Design & Engineering	\$ -	-					
Internal Purchasing	\$ -	-					
Construction	\$ 2,550,000	2,750,000	(1,200,000)	500,000	500,000		
Capital Equipment	\$ -	-					
Materials	\$ -	-					
Legal	\$ -	-					
Totals	\$ 2,550,000	\$ 2,750,000	\$ (1,200,000)	\$ 500,000	\$ 500,000	\$ -	\$ -

Project Title: Moncrief Road Fiber Optic **Council District(s):** 10
Project Location: Moncrief Road **Project Number:** 011011
Department: Public Works **Program Area:** Roads / Infrastructure / Transportation
Ordinance No.: **BT No.:** **Useful Life:** 20 years **Project Completion Date:**

Project Description:
 Installation of fiber on Moncrief Road from Dr. Martin L King Jr Blvd north to W. 33rd St., and 45th St. north to Soutel Drive

Justification:
 Fiber provides communication between the traffic signals on Moncrief Rd. and county transportation monitoring center. This communication allows the Traffic Engineering Division to respond more quickly to signal outages, address problems proactively, coordinate with JSO for traffic control more quickly, and provide a much better level of service to residents.

Funding Sources	Total	Prior Years	FY 24-25	FY 25-26	FY 26-27	FY27-28	FY28-29
Transfer Between Projects	\$ -	-					
Debt Proceeds / Borrowed Funds	\$ 450,000	-	450,000				
Pay-Go	\$ 750,000	-	750,000				
Interest Earnings	\$ -	-					
Contribution from Private Source	\$ -	-					
Grant / Trust Fund	\$ -	-					
Totals	\$ 1,200,000	\$ -	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -

Expenditures/Project Phase	Total	Prior Years	FY 24-25	FY 25-26	FY 26-27	FY27-28	FY28-29
Design & Engineering	\$ -	-					
Internal Purchasing	\$ -	-					
Construction	\$ 1,200,000	-	1,200,000				
Capital Equipment	\$ -	-					
Materials	\$ -	-					
Legal	\$ -	-					
Totals	\$ 1,200,000	\$ -	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -