

**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.:** \_\_\_\_\_  
**Useful Life:** 20 years **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 23-24	FY 24-25	FY 25-26	FY 26-27	FY 27-28	Beyond 5th
Transfer Between Projects	\$ -	-						
Debt Proceeds / Borrowed Funds	\$ 4,050,000	750,000	(450,000)	750,000	750,000	750,000	750,000	750,000
Pay-Go	\$ 750,000	1,500,000	(750,000)					
Interest Earnings	\$ -	-						
Contribution from Private Source	\$ -	-						
Grant / Trust Fund	\$ -	-						
<b>Totals</b>	<b>\$ 4,800,000</b>	<b>\$ 2,250,000</b>	<b>\$ (1,200,000)</b>	<b>\$ 750,000</b>	<b>\$ 750,000</b>	<b>\$ 750,000</b>	<b>\$ 750,000</b>	<b>\$ 750,000</b>

Expenditures/Project Phase	Total	Prior Years	FY 23-24	FY 24-25	FY 25-26	FY 26-27	FY 27-28	Beyond 5th
Design & Engineering	\$ -	-						
Internal Purchasing	\$ -	-						
Construction	\$ 4,800,000	2,250,000	(1,200,000)	750,000	750,000	750,000	750,000	750,000
Capital Equipment	\$ -	-						
Materials	\$ -	-						
Legal	\$ -	-						
<b>Totals</b>	<b>\$ 4,800,000</b>	<b>\$ 2,250,000</b>	<b>\$ (1,200,000)</b>	<b>\$ 750,000</b>	<b>\$ 750,000</b>	<b>\$ 750,000</b>	<b>\$ 750,000</b>	<b>\$ 750,000</b>

**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.

**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 23-24	FY 24-25	FY 25-26	FY 26-27	FY 27-28	Beyond 5th
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	\$ -	-						
<b>Totals</b>	<b>\$ 1,200,000</b>	<b>\$ -</b>	<b>\$ 1,200,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Expenditures/Project Phase	Total	Prior Years	FY 23-24	FY 24-25	FY 25-26	FY 26-27	FY 27-28	Beyond 5th
Design & Engineering	\$ -	-						
Internal Purchasing	\$ -	-						
Construction	\$ 1,200,000	-	1,200,000					
Capital Equipment	\$ -	-						
Materials	\$ -	-						
Legal	\$ -	-						
<b>Totals</b>	<b>\$ 1,200,000</b>	<b>\$ -</b>	<b>\$ 1,200,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>