

## Traffic Signal Rehabilitations

**Category** Non-Concurrency  
**Project Number** 101601  
**Location** Countywide  
**District** Countywide  
  
**Project Limits** Countywide  
  
**Related Projects** 1016  
**Lead Dept/Division** Public Works / Traffic Engineering  
**Year Project Initiated** 2016



**Project Life Cycle** varies Years

**Resilience Requirements** ☐ 2040 Vulnerability ☐ 2070 Vulnerability ☐ 2100 Vulnerability



### DESCRIPTION

Includes the rehabilitation of aging mast arm and span wire traffic signals as well as the replacement of the capitalized equipment associated with the traffic signals, such as, but not limited to detection cameras, controllers, and cabinets.

### BACKGROUND

The BOCC operates and maintains all of the traffic signals in the County. Public Works is proactive in "hardening" signalized intersections for resiliency to weather events by upgrading to mast-arms; there are 17 span-wire signalized intersections remaining. The technology used in the Advanced Traffic Management System (ATMS) is constantly evolving and its components and equipment are no longer under warranty and / or they are becoming obsolete.

### PROJECT ORIGATION

Infrastructure Needs

### JUSTIFICATION

If the rehabilitation is not performed, the structures could fail, causing immediate harm and sustained hazards. If the ATMS components or equipment do not function, the system cannot be maintained and the network will fail, creating congested corridors that fall below the County's adopted level of service standards for roadway volumes.

Expenditures	Total	To Date		Funded					Unfunded
				FY23	FY24	FY25	FY26	FY27	FY28-FY32
Design	375,000			75,000	75,000	75,000	75,000	75,000	
Equipment	2,875,000			575,000	575,000	575,000	575,000	575,000	
Construction	1,100,000			220,000	220,000	220,000	220,000	220,000	
<b>Expenditure Total</b>	<b>4,350,000</b>	<b>0</b>		<b>870,000</b>	<b>870,000</b>	<b>870,000</b>	<b>870,000</b>	<b>870,000</b>	<b>0</b>
Revenues	Total	To Date	Carryover	FY23	FY24	FY25	FY26	FY27	FY28-FY32
Gas Tax	1,000,000			200,000	200,000	200,000	200,000	200,000	
Ad Valorem	3,350,000			670,000	670,000	670,000	670,000	670,000	
<b>Revenue Total</b>	<b>4,350,000</b>	<b>0</b>	<b>0</b>	<b>870,000</b>	<b>870,000</b>	<b>870,000</b>	<b>870,000</b>	<b>870,000</b>	<b>0</b>

**Total Unfunded 0**

### OPERATING BUDGET IMPACT

This project does not impact the operating budget; it replaces or repairs existing facilities.