

**TRAFFIC SIGNAL - SAFETY LIGHTS AND SIGNAL COMMUNICATIONS UPGRADE- CITYWIDE**  
*Infrastructure Project*

**Project Description:** This project will upgrade all traffic signals safety lights to LED and install communication system upgrades to 42 signals citywide. Upgraded traffic signal improvements include LED street lights, signal wiring, vehicle heads, controller cabinets, fiber cable, ethernet switches, wireless radios, and related communication equipment to improve safety and operations with optimized traffic signal timing coordination. Signal timing coordination will be improved along the Butterfield Stage Road and Ynez Road corridors.



**Benefit:** This project will upgrade the City's traffic signal safety lights to LED, Sustainable and Resilient City, and upgrade traffic signal communication system equipment to improve mobility and connectivity.

**Core Value:** Transportation Mobility and Connectivity

**Project Status:** This is a new project.

**Department:** Public Works - Account No. 210.265.999.5800.PW23-13

**Level:** I

	Prior Years Actuals	2022-23 Adjusted	2023-24 Adopted Budget	2024-25 Projected	2025-26 Projected	2026-27 Projected	2027-28 Projected	Total Project Cost
<b>Project Cost:</b>								
5801-Administration			50,000					50,000
5804-Construction				2,775,900				2,775,900
5805-Construction Engineering				225,000				225,000
5802-Design & Environmental			205,000					205,000
<b>Total Expenditures</b>	-	-	255,000	3,000,900	-	-	-	3,255,900

**Source of Funds:**

4243-DIF-Traffic Signals			50,000	544,590				594,590
4477-HSIP-Highway Safety Improvement Program			205,000	2,236,310				2,441,310
4002-Measure S				220,000				220,000
<b>Total Funding</b>	-	-	255,000	3,000,900	-	-	-	3,255,900

**Future Operating & Maintenance Costs:**

<b>Total Operating Costs</b>								
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**Notes :**

1. Highway Safety Improvement Program - Cycle11 awarded on March 9, 2023.
2. City Match is \$764,590 based on the HSIP application and grant. Additional appropriated local funds are for administration.