



**CITY OF WILDOMAR
CITY COUNCIL REGULAR MEETING
GENERAL BUSINESS
Agenda Staff Report # 3.2
Meeting Date: May 13, 2026**

SUBJECT: Streetlight Program Feasibility Analysis and Phase 1 Streetlight Project

SUBMITTED BY: Jason Farag, Public Works Director/City Engineer

PREPARED BY: Ninette Eva, Associate Engineer

ACTION:

Approve the Phase 1 Streetlight Project recommendation and direct staff to add the Phase 1 Streetlight Project to the City's 5-Year (FY 2026-27 to FY 2030-31) Capital Improvement Program.

SUMMARY:

This project proposes the installation of new streetlights in certain locations throughout the City.

BACKGROUND:

Over the years, staff has received requests from residents and community members for improved streetlighting. More recently, staff received a request to evaluate streetlighting in and around the Sedco area and on Catt Road. In addition, the City's Local Roadway Safety Plan (LRSP) identified specific locations/intersections where the installation of streetlights is recommended to enhance night-time visibility and safety for motorists and pedestrians.

DISCUSSION:

To provide a comprehensive analysis, City staff reviewed the recommended intersections and segments requested and included in the LRSP to determine the type(s) of streetlights and most probable general locations; met with SCE to understand the costs of the different rates, process, and time required for coordination and design; and gathered costs and estimates for the different streetlights being recommended for installation. Below is a result of the analysis:

Streetlight Type	Cost Range Per Light (includes materials and installation)	Factors to Consider	Suggested Funding Sources
------------------	--	---------------------	---------------------------

Streetlights on Existing SCE Utility Poles	\$1,700 to \$2,500	<ul style="list-style-type: none"> - SCE owned streetlights - SCE design process and agreements - Low initial installation costs - Monthly energy costs (LS-1 rate) - City's responsibility for maintenance and replacement with SCE requirements. 	- Local Funds
Solar-Powered Streetlights Option	\$6,000-\$8,000	<ul style="list-style-type: none"> - City owned streetlights - Off-grid system. No monthly energy costs. - Higher installation costs (pole and direct burial). - Streetlights can be relocated. - City's responsibility for maintenance and replacement. 	<ul style="list-style-type: none"> - Local Funds - Grants (CDBG, SS4A, HSIP, etc.)
New Streetlight on New Utility Pole Option	\$10,000-\$12,000	<ul style="list-style-type: none"> - City owned streetlights - SCE design process and agreements to provide power. - Highest installation costs (pole, permanent foundation, conduit). - Monthly energy costs (LS-2, unmetered or LS-3, metered rates). - City's responsibility for maintenance and replacement. 	<ul style="list-style-type: none"> - Local Funds - Grants (CFBG, SS4A, HSIP, etc.)

The total preliminary costs to install streetlights at the locations that were requested and the locations recommended by the LRSP are included in the table below.

Streetlight Type	Total Cost Range (include materials and installation)
Streetlights on Existing SCE Utility Poles	<u>Requested Locations</u>
	Intersections: \$20,000 to \$30,000
	Streets: \$131,000 to \$205,000
	<u>LRSP Locations</u>
	Streets: \$100,000 to \$177,000

Solar-Powered Streetlights (alternative option)	Streets: \$150,000 to \$185,000
New Streetlight on New Utility Pole (alternative option)	Streets: \$350,000 to \$385,000
TOTAL	\$401,000 to \$797,000

Based on the analysis provided above, staff recommends the creation of an initial Streetlight Project (Phase 1) that includes the installation of streetlights on existing SCE utility poles at the following intersections and Street Segments, and inclusion of this Phase 1 Streetlight Project into the City's 5-Year (FY 2026-27 to FY 2030-31) Capital Improvement Program for funding. The 5-Year CIP, including project budgets, will be brought forward at a future City Council meeting for adoption.

Intersections

- Lemon St/Orchard St
- Lemon St/Loquat St
- Lemon St/Almond St
- Lemon St/Grape St
- Lemon St/Gafford Rd
- Mission Trail/Waite St
- Waite St/Bonnie Ln
- Waite St/Almond St
- Waite St/Mojonnier Way
- Waite St/Almond St
- Waite St/Amberton Dr
- Almond/Walnut

Streets (Sedco and Catt Rd.)

- Olive Street (Mission Trail to Mountain View Ave)
- Lemon Street (Mission Trail to Gafford Rd)
- Waite Street (Mission Trail to Orange Street)
- Almond Street (Lemon St to Waite St)
- Almond Street (Canyon Dr to Walnut St)
- Almond Street (34699 Almond St to Grove St)
- Catt Road (between Avry Way and Hidden Springs Rd.)

Streets (LRSP)

- Grand Avenue (Corydon Rd to Richard St)
- Mission Trail (Malaga Rd to Corydon Rd)
- Mission Trail (Cordyon Rd to Bundy Canyon Rd)
- Clinton Keith (Wildomar Trail to Elizabeth Ln)

FISCAL IMPACT:

There is no immediate impact associated with the approval of the Phase 1 Streetlight Project.

Staff will identify the funding source for the Phase 1 Streetlight Project and bring it to the City Council with the proposed 5-Year (FY 2026-27 to FY 2030-31) Capital Improvement Program recommendations for approval at a later date. The total approximate cost for the Phase 1 Streetlight Project is estimated to range between \$251,000 and \$412,000, as detailed below.

Requested Locations

Intersections: \$20,000 to \$30,000
Streets: \$131,000 to \$205,000

LRSP Locations

Streets: \$100,000 to \$177,000

ATTACHMENTS:

[Presentation](#)