



STREET LIGHTING AND ELECTRIC UNDERGROUNDING

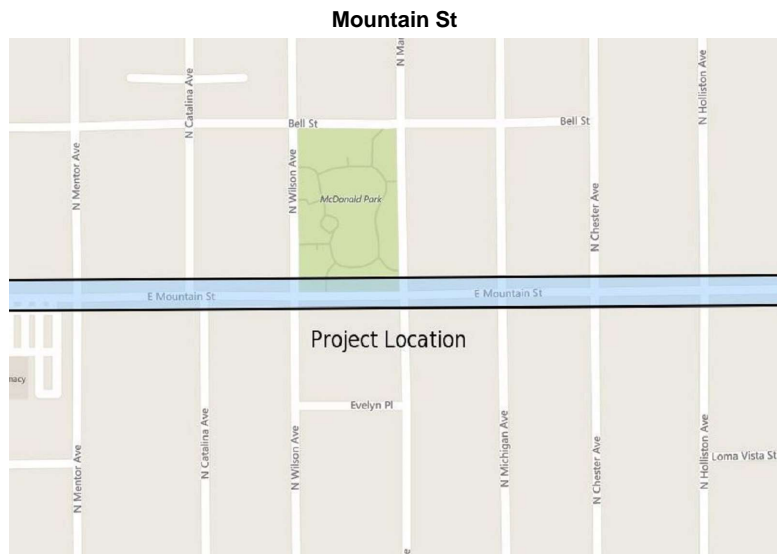


FY 2024 - 2028 Capital Improvement Program
Street Lighting and Electric Undergrounding

| Priority | Description | Total Estimated Costs | Appropriated Through FY 2023 | Adopted FY 2024 | Proposed FY 2025 | Proposed FY 2026 | Proposed FY 2027 | Proposed FY 2028 and Beyond |
|--------------|---|-----------------------------|------------------------------------|--------------------|---------------------|---------------------|---------------------|-----------------------------------|
| 1 | Mountain Street - Electrical System Undergrounding, Lake Avenue to Hill Avenue (3213) | 11,130,000 | 4,800,000 | 0 | 780,000 | 2,500,000 | 3,050,000 | 0 |
| 2 | Raymond Avenue - Electrical System Undergrounding, Maple Street to North City Limits (3214) | 36,310,000 | 1,020,000 | 90,000 | 4,700,000 | 25,800,000 | 4,700,000 | 0 |
| 3 | Electric System Undergrounding Outside Established Undergrounding Districts (3210) | 385,000 | 300,000 | 17,000 | 17,000 | 17,000 | 17,000 | 17,000 |
| 4 | Florecita Drive - Electrical System Undergrounding (3217) | 3,081,000 | 16,000 | 60,000 | 255,000 | 2,750,000 | 0 | 0 |
| Total | | 50,906,000 | 6,136,000 | 167,000 | 5,752,000 | 31,067,000 | 7,767,000 | 17,000 |

FY 2024 - 2028 Capital Improvement Program
 Street Lighting and Electric Undergrounding
 Mountain Street - Electrical System Undergrounding, Lake Avenue to Hill Avenue
 3213

| Priority | Project No. | Description | Total Estimated Costs | Appropriated Through FY 2023 | Adopted FY 2024 | Proposed FY 2025 | Proposed FY 2026 | Proposed FY 2027 | Proposed FY 2028 and Beyond |
|----------|-------------|--|-----------------------|------------------------------|-----------------|------------------|------------------|------------------|-----------------------------|
| 1 | 3213 | Mountain Street - Electrical System Undergrounding, Lake Avenue to Hill Avenue | | | | | | | |
| | | Underground Utilities Fund - Power Facilities (3213) | 8,030,000 | 4,000,000 | 0 | 780,000 | 2,500,000 | 750,000 | 0 |
| | | Underground Utilities Fund - Public Works (74821) | 3,100,000 | 800,000 | 0 | 0 | 0 | 2,300,000 | 0 |
| | | Total | 11,130,000 | 4,800,000 | 0 | 780,000 | 2,500,000 | 3,050,000 | 0 |



DESCRIPTION: This project provides for the undergrounding of electrical utilities, the installation of a new street lighting system using energy-efficient lighting, and the resurfacing of the asphalt street on Mountain St. from Lake Ave. to Hill Ave. This project will also provide replacement of sidewalks and ADA compliant curb ramps.

JUSTIFICATION: Undergrounding power facilities improves streetscape aesthetics and system reliability. Street lights enhance public safety through improved lighting levels and increased visibility. Energy-efficient lights have a longer life than other lamps, consume approximately 50 percent less energy, and will reduce the City's environmental carbon footprint.

SCHEDULE: In FY 2024, PWP will complete the design and begin construction contract procurement. Public Works will begin design of the street lighting and civil improvements.

RELATIONSHIP TO THE GENERAL PLAN: This project is consistent with the Public Facilities Element Objective 2 by providing more efficient development and utilization of public facilities. In addition, the project is consistent with Public Facilities Element Objective 5 by providing a high level of design quality in all public streets.

HISTORY: This project was created in FY 2007 under "Mountain Street - Street Lighting and Electrical System Undergrounding, Lake Avenue to Hill Avenue" (74909) with a budget of \$5,433,400. This final phase of the project was created and received initial funding in FY 2017.

FY 2024 - 2028 Capital Improvement Program
 Street Lighting and Electric Undergrounding
 Electric System Undergrounding Outside Established Undergrounding Districts
 3210

| Priority | Project No. | Description | Total Estimated Costs | Appropriated Through FY 2023 | Adopted FY 2024 | Proposed FY 2025 | Proposed FY 2026 | Proposed FY 2027 | Proposed FY 2028 and Beyond |
|----------|-------------|---|-----------------------|------------------------------|-----------------|------------------|------------------|------------------|-----------------------------|
| 3 | 3210 | Electric System Undergrounding Outside Established Undergrounding Districts | | | | | | | |
| | | Underground Utilities Fund - Power Facilities (3210) | 385,000 | 300,000 | 17,000 | 17,000 | 17,000 | 17,000 | 17,000 |
| | | Total | 385,000 | 300,000 | 17,000 | 17,000 | 17,000 | 17,000 | 17,000 |

Underground Service Conversion



DESCRIPTION: This project provides for the reimbursement of property owners for underground service conversions outside of established Undergrounding Utility Districts.

JUSTIFICATION: This project will enhance the aesthetic quality of the streetscape by removing unsightly utility poles and overhead wires. Undergrounding the utilities will also improve system reliability.

SCHEDULE: This is an ongoing project involving undergrounding projects that are not part of an established undergrounding district. In FY 2024, an estimated four service reimbursements will be processed.

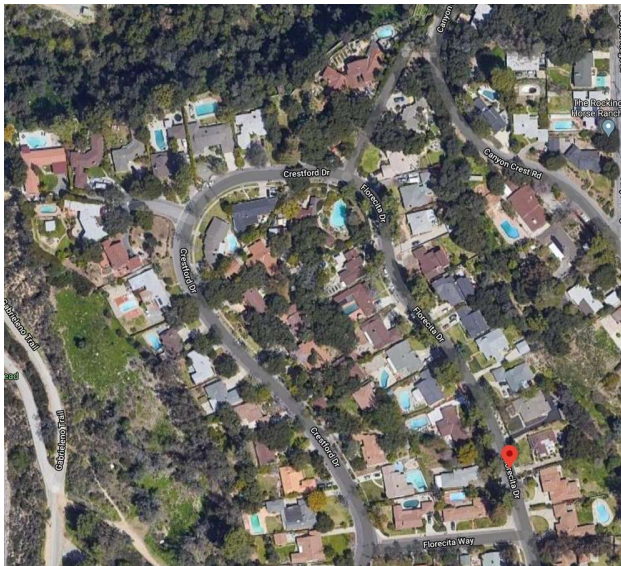
RELATIONSHIP TO THE GENERAL PLAN: This project is consistent with the Mobility Element/Power Facilities by improving the visual environment of the City through improved streetscapes; conversion of existing overhead to undergrounding facilities will be encouraged.

HISTORY: This project was created and received initial funding in FY 1983 under CIP 74569. It was segmented into a multi-year project in FY 2011 under CIP 74480. The current phase of this project began in FY 2017, however, the project became an annual ongoing project in FY 2019.

FY 2024 - 2028 Capital Improvement Program
 Street Lighting and Electric Undergrounding
 Florecita Drive - Electrical System Undergrounding
 3217

| Priority | Project No. | Description | Total Estimated Costs | Appropriated Through FY 2023 | Adopted FY 2024 | Proposed FY 2025 | Proposed FY 2026 | Proposed FY 2027 | Proposed FY 2028 and Beyond |
|----------|-------------|---|-----------------------|------------------------------|-----------------|------------------|------------------|------------------|-----------------------------|
| 4 | 3217 | Florequita Drive - Electrical System Undergrounding | | | | | | | |
| | | Underground Utilities Fund - Power Facilities | 1,656,000 | 16,000 | 60,000 | 60,000 | 1,520,000 | 0 | 0 |
| | | Underground Utilities Fund - Public Works | 1,425,000 | 0 | 0 | 195,000 | 1,230,000 | 0 | 0 |
| | | Total | 3,081,000 | 16,000 | 60,000 | 255,000 | 2,750,000 | 0 | 0 |

Florequita Dr



DESCRIPTION: This project provides for the undergrounding of electrical utilities, the installation of a new street lighting system using energy-efficient lighting, and the resurfacing of the asphalt and concrete street on Florecita Dr.

JUSTIFICATION: Undergrounding power facilities improves streetscape aesthetics and system reliability. Street lights enhance public safety through improved lighting levels and increased visibility. Energy-efficient lights have a longer life than other lamps, consume approximately 50 percent less energy, and will reduce the City's environmental carbon footprint.

SCHEDULE: In FY 2024, Pasadena Water and Power will formally establish the underground utility district and begin design work to underground high voltage overhead circuitry in the Tier 3 Fire Threat areas containing Florecita Dr. Project area contains addresses at the north end of Crestford Dr., Florecita Crescent, and Florecita Dr.

RELATIONSHIP TO THE GENERAL PLAN: The project is consistent with the Land Use Element Policy 10.3 (Best Practice for Sustainability) by monitoring evolving sustainable development practices and technologies and implement those deemed appropriate and feasible in Pasadena; and Policy 16.2 (Service Adequacy) by periodically reviewing the impacts of major physical, environmental, economic and social changes identifying their implications in meeting the service needs of Pasadena's residents.

IMPACT ON THE NORTHWEST: This project is located in Northwest Pasadena, which is an area that has been targeted for revitalization.

HISTORY: This project was created and initially funded in FY 2023.