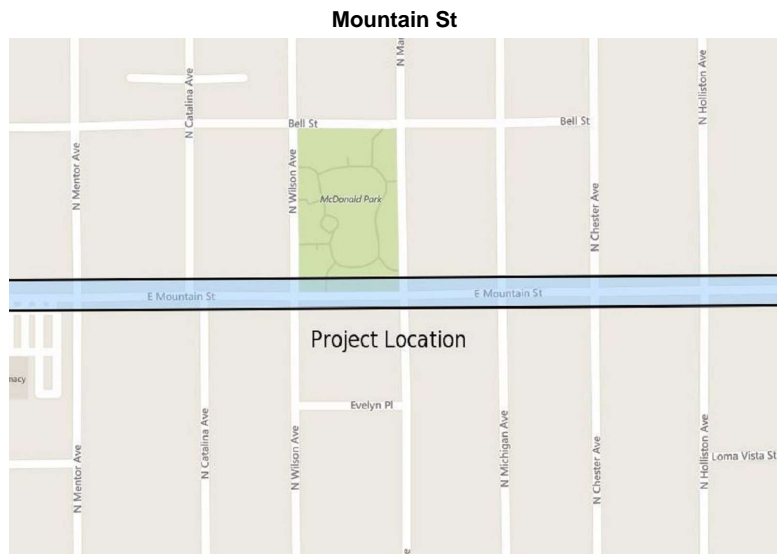


FY 2024 - 2028 Capital Improvement Program  
Street Lighting and Electric Undergrounding

Priority	Description	Total Estimated Costs	Appropriated Through FY 2023	Recommended 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
<b>Total</b>		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	Recommended 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
		<b>Total</b>	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.

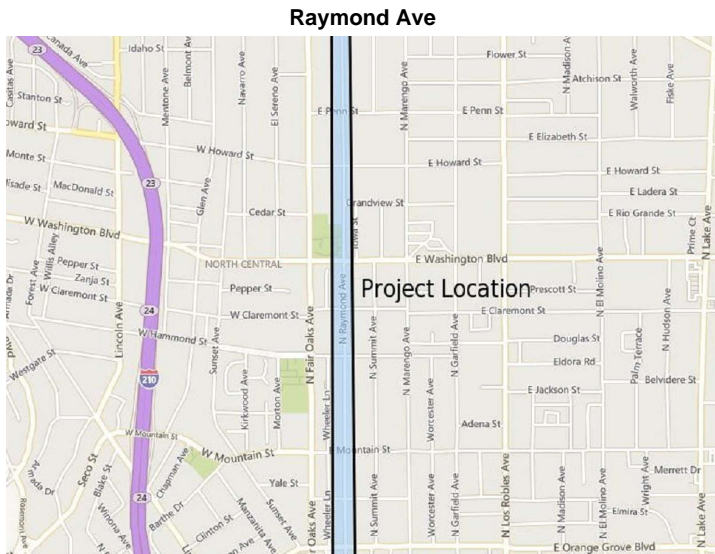
**SCHEDULE:** In FY 2024, PWP will complete the design and begin construction contract procurement. Public Works will complete design of the streetlighting and civil improvements.

**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  
Raymond Avenue - Electrical System Undergrounding, Maple Street to North City Limits  
3214**

Priority	Project No.	Description	Total Estimated Costs	Appropriated Through FY 2023	Recommended FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028 and Beyond
2	3214	Raymond Avenue - Electrical System Undergrounding, Maple Street to North City Limits							
		Underground Utilities Fund - Power Facilities (3214)	14,610,000	420,000	90,000	4,700,000	4,700,000	4,700,000	0
		Underground Utilities Fund - Public Works (74823)	21,700,000	600,000	0	0	21,100,000	0	0
		<b>Total</b>	<b>36,310,000</b>	<b>1,020,000</b>	<b>90,000</b>	<b>4,700,000</b>	<b>25,800,000</b>	<b>4,700,000</b>	<b>0</b>



**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 pavement on Raymond Ave. from Maple St. to the North City Limits. This project will also include replacement of sidewalks, curbs and gutters, and curb ramps that are not ADA compliant.

**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 streetlighting and civil improvements.

**RELATIONSHIP TO THE GENERAL PLAN:** This project is consistent with the Public Facilities Element Objective 5 of the General Plan by encouraging a high level of maintenance of existing facilities to ensure public safety. It is also consistent with Land Use Element Objective 13 by providing adequate support for institutions that serve the needs of Pasadena's diverse residents and families.

**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 2021. The project was created in FY 2004 under "Raymond Avenue - Electric System Undergrounding, Maple Street to North City Limits" (74490). The underground district was established in FY 2006.

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	Recommended 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
		<b>Total</b>	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.

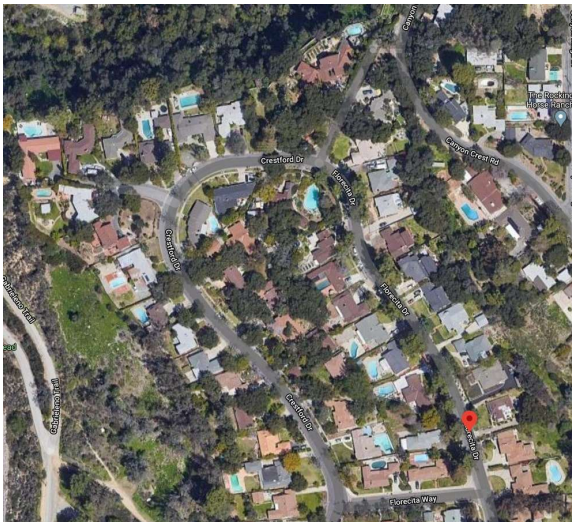
**RELATIONSHIP TO THE GENERAL PLAN:** This project is consistent with the Mobility Element/Power Facilities by improving the visual environment of the City through improved streetscapes; conversion of existing overhead to undergrounding facilities will be encouraged.

**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	Recommended 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
<b>Total</b>			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.