

FY 2014 - 2018 Capital Improvement Program
Street Lighting

Priority	Description	Total Estimated Costs	Appropriated Through FY 2013	Adopted FY 2014	Proposed FY 2015	Proposed FY 2016	Proposed FY 2017	Proposed FY 2018 and Beyond
1	Street Lighting For Residential Streets - Various Locations (74411)	2,880,660	2,880,660	0	0	0	0	0
2	In-Fill Street Lighting for Residential Streets - FY 2011 - 2015 (74412)	125,000	100,000	0	25,000	0	0	0
3	Repair and/or Replacement of Existing Street Lighting Systems (74346)	6,134,900	2,385,700	175,000	0	0	0	3,574,200
Total		9,140,560	5,366,360	175,000	25,000	0	0	3,574,200

FY 2014 - 2018 Capital Improvement Program
 Street Lighting
 Street Lighting For Residential Streets - Various Locations
 74411

Priority	Project No.	Description	Total Estimated Costs	Appropriated Through FY 2013	Adopted FY 2014	Proposed FY 2015	Proposed FY 2016	Proposed FY 2017	Proposed FY 2018 and Beyond
1	74411	Street Lighting For Residential Streets - Various Locations							
		Commerical Dev. Fee	50,000	50,000	0	0	0	0	0
		Gas Tax	1,266,200	1,266,200	0	0	0	0	0
		Private Capital - Old Pasadena Management District	952	952	0	0	0	0	0
		Private Capital - South Lake Business District	708	708	0	0	0	0	0
		Underground Surtax - Street Lighting	1,562,800	1,562,800	0	0	0	0	0
		Total	2,880,660	2,880,660	0	0	0	0	0

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74411

Street Lighting



DESCRIPTION: This project provides for the installation of new mid-block street lighting systems at the following locations:

Phase I - Streets with no mid-block lighting

1. Castano Avenue from Estado Street to Del Vina Street - COMPLETED
2. Woodlyn Road from Craig Avenue to Altadena Drive - COMPLETED
3. Wesley Avenue from Howard Street to Elizabeth Street - COMPLETED
4. Loma Vista Street from Hill Avenue to Allen Avenue
 - 4a. Linda Vista Street from Hill Avenue to Hamilton Avenue*
 - 4b. Linda Vista Street from Hamilton Avenue to Allen Avenue - COMPLETED
5. Old House Road from Sierra Madre Villa Avenue to End. - COMPLETED
6. Monte Vista Street from Sierra Bonita Avenue to Allen Avenue - COMPLETED
7. Cooley Place from Paladora Avenue to Martelo Avenue - COMPLETED
8. Las Lunas Street from Hill Avenue to Palo Verde Avenue - COMPLETED
9. Paloma Street from Hill Avenue to Sinaloa Avenue - COMPLETED
10. Sunnyslope Avenue from Villa Street to Del Vina Street - COMPLETED
11. Paloma Street from Allen Avenue to Palo Verde Avenue - COMPLETED
12. Tierra Alta Drive from Casa Grande Street to Queensberry Road - COMPLETED
13. Loma Vista Street from Craig Avenue to Martelo Avenue - COMPLETED
14. Dolores Street from Craig Avenue to End - COMPLETED
15. Lamora Road from Orange Grove Boulevard to Primavera Street - COMPLETED
16. Estado Street from Avocado Lane to Santa Paula Avenue - COMPLETED
17. Hermanos Street between Sunnyslope Avenue and Eaton Drive - COMPLETED
18. Daisy Avenue from Villa Street to Del Vina Street - COMPLETED
19. Morningside Street from Daisy Avenue to Eastern Avenue*
20. Fairfield Circle*
21. Club Road for its entire length*
22. Lomita Drive from Woodland Road to Oakland Avenue*
23. Lakewood Place for its entire length - COMPLETED
24. Carmelo Avenue from Villa Street to Lambert Drive - COMPLETED
25. Del Rey Avenue from Woodlyn Road to Washington Boulevard - COMPLETED
26. Dudley Street between Paladora Avenue and Craig Avenue - COMPLETED
27. Mountain Street between Craig Avenue and Martelo Avenue - COMPLETED

* = No street lighting was installed at these locations per resident vote

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74411

Phase II - Streets with incomplete mid-block street lighting systems:

Phase II streets will be determined with the implementation of a street light inventory program. The program will include the review, selection, and purchase of hardware and software, obtaining inventory, and synching the information with the City's GIS program. The priority of Phase II streets will be established by analyzing night crime and accident rates as well.

Phase III - Streets with existing lights on utility poles

Phase III are residential streets that have existing lights on utility poles where the sole purpose of the utility pole is to provide a street light. These utility poles will be removed as new street lights are installed on the street.

JUSTIFICATION: The City Council has expressed strong interest in providing residential street lighting on streets which have no mid-block lighting of any kind. Priorities were established by analyzing night crime and accident rates.

SCHEDULE: Phase II inventory will be completed and Phase III will continue in FY 2014.

RELATIONSHIP TO GENERAL PLAN: This project is consistent with the Seismic and Safety Element of the General Plan by helping to achieve and maintain an environment in which Pasadena residents can enjoy personal safety and security.

SPECIAL CONSIDERATION: as well as the collection of inventory necessary to identify and establish Phase II streets with supporting estimates to complete the work. The cost of implementing Phase II will be identified through the inventory process.

HISTORY: Phase I of this project was created and received initial funding in FY 1994 and phase III was fully funded in FY 2013. In FY 2012, construction of the remaining Phase I streets (no mid-block street lighting) was completed. The review, selection, and purchase of necessary hardware and software to conduct an inventory of streets with incomplete mid-block lighting was also completed. In FY 2013, the scope and cost of the project was increased to include phase III.

FY 2014 - 2018 Capital Improvement Program
 Street Lighting
 In-Fill Street Lighting for Residential Streets - FY 2011 - 2015
 74412

Priority	Project No.	Description	Total Estimated Costs	Appropriated Through FY 2013	Adopted FY 2014	Proposed FY 2015	Proposed FY 2016	Proposed FY 2017	Proposed FY 2018 and Beyond
2	74412	In-Fill Street Lighting for Residential Streets - FY 2011 - 2015							
		Gas Tax	125,000	100,000	0	25,000	0	0	0
		Total	125,000	100,000	0	25,000	0	0	0

In-Fill Street Lighting



DESCRIPTION: This project provides for the periodic installation of in-fill lighting on existing power poles. Requests for up to three lights will be fulfilled by City staff. Requests for more than three lights will be reviewed by the City Council prior to installation.

JUSTIFICATION: Enhanced street lighting in those areas where it is currently insufficient or nonexistent will improve traffic and pedestrian safety.

SCHEDULE: This is a continuing program. Projects will be scheduled by City staff as requests are received.

RELATIONSHIP TO GENERAL PLAN: This project is consistent with the Seismic and Safety Element of the General Plan by helping to achieve and maintain an environment in which Pasadena residents can enjoy personal safety and security.

IMPACT ON THE NORTHWEST: Portions of this project may be located in Northwest Pasadena which is an area that has been targeted for revitalization.

HISTORY: The original program was established in FY 1992 as project number 74379. The project was segmented into five year increments starting in FY 2011. A new five year phase of this project will be created in FY 2016.

FY 2014 - 2018 Capital Improvement Program
 Street Lighting
 Repair and/or Replacement of Existing Street Lighting Systems
 74346

Priority	Project No.	Description	Total Estimated Costs	Appropriated Through FY 2013	Adopted FY 2014	Proposed FY 2015	Proposed FY 2016	Proposed FY 2017	Proposed FY 2018 and Beyond
3	74346	Repair and/or Replacement of Existing Street Lighting Systems							
		Commerical Dev. Fee	100,000	100,000	0	0	0	0	0
		Energy Efficiency and Conservation Block Grant	753,900	753,900	0	0	0	0	0
		Gas Tax	600,800	425,800	175,000	0	0	0	0
		General Fund	1,100,000	1,100,000	0	0	0	0	0
		Metro Gold Line Constructin Authority	6,000	6,000	0	0	0	0	0
		Unfunded	3,574,200	0	0	0	0	0	3,574,200
		Total	6,134,900	2,385,700	175,000	0	0	0	3,574,200

FY 2014 - 2018 Capital Improvement Program
Street Lighting
Repair and/or Replacement of Existing Street Lighting Systems
74346

Street Lighting



DESCRIPTION: This project provides for the repair and/or replacement of deteriorated components of the City's street light systems, such as street light poles, wiring, and underground conduit, and the upgrading to energy efficient lighting as well as the painting of the poles.

JUSTIFICATION: Approximately 30 miles of street light systems were refurbished or replaced as part of the Street Light Infrastructure Program. The remaining 24 miles of deteriorated street light systems will be repaired and/or replaced by this project.

SCHEDULE: In FY 2014, the replacement of existing qualified high mast luminaires with energy efficient lighting will be completed; the high voltage series circuit on Paloma Street - East of Palo Verde Avenue to Altadena Drive, Orange Grove Boulevard - Craig Avenue to Altadena Drive, Lambert Drive - Oak Avenue to Altadena Drive, Craig Avenue - Paloma Street to Lambert Drive, Martelo Avenue - Paloma Street to Lambert Drive, and Carmelo Avenue - Paloma Street to Lambert Drive will be converted to a multiple voltage system; and the painting of various street lighting poles throughout the City will begin.

RELATIONSHIP TO GENERAL PLAN: This project is consistent with the Seismic and Safety Element of the General Plan by helping to achieve and maintain an environment in which Pasadena residents can enjoy personal safety and security.

SPECIAL CONSIDERATION: In FY 2013, a loan from the Water and Power Department was secured and General Fund was appropriated to this project in order to replace approximately 3,700 high mast luminaires with energy efficient lighting. The savings generated from this energy efficiency will help save the City approximately \$169,000 in energy costs annually to the General Fund, which will be used to replay the loan from the Water and Power Department.

IMPACT ON THE NORTHWEST: Some of these repairs and/or replacements will take place in Northwest Pasadena which is an area that has been targeted for revitalization.

HISTORY: This project was created and received initial funding in FY 1991.