

Pasadena Pedestrian Plan

For a livable & walkable community

Schedule: The environmental study and design were completed in FY 2004. A supplemental environmental study will be completed in FY 2006. Right-of-way acquisition will be completed in FY 2006.

Total Estimated Cost	Appropriated Thru FY2004	Adopted FY2005	Adopted FY2006	FY2007-2010 Estimated Cost
\$6,500,000	\$2,500,000	\$3,000,000	\$1,000,000	\$0

Project Name: Gold Line Pedestrian Enhancements – Citywide (75059)

Description: This project provides for the installation of pedestrian lighting, benches, and trash receptacles on Halstead Street between Rosemead and the 210 Freeway (per the East Pasadena Specific Plan) and on Colorado Boulevard between Northup and Halstead (per the East Colorado Specific Plan).

Schedule: The lighting on Colorado Boulevard and on Halstead Street was designed in FY 2005 and will be constructed in FY 2006.

Total Estimated Cost	Appropriated Thru FY2004	Adopted FY2005	Adopted FY2006	FY2007-2010 Estimated Cost
\$574,000	\$175,000	\$399,000	\$0	\$0

Project Name: Lake Avenue Light Rail Enhancements – Citywide (75038)

Description: The Light Rail Station Review Committee recommended various architectural enhancements to the Lake Avenue light rail station. These enhancements will be completed in two phases, including but not limited to:

Phase I:

1. Installation of colored concrete sidewalk improvements, planters, and landscaping.

Phase II:

1. A clock tower on the east side of the bridge
2. Pedestrian canopies on each side of the station entrances, which includes a photovoltaic system
3. Additional bike rack areas

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This project aims at integrating the entire bridge area with the light rail transit station design, providing a pedestrian-friendly entrance and creating a landmark as well as a gateway to the Lake Avenue business district.

Schedule: Phase I was completed in FY 2003 and design of Phase II was completed in FY 2005. Construction of Phase II will be completed in FY 2006.

Total Estimated Cost	Appropriated Thru FY2004	Adopted FY2005	Adopted FY2006	FY2007-2010 Estimated Cost
\$2,200,000	\$1,700,000	\$0	\$500,000	\$0

Project Name: Gold Line Light Rail Station Enhancements – Citywide (75021)

Description: This project involves planned enhancements at various sites along the Gold Line Light Rail route to make the station and crossings pedestrian friendly, safe and accessible. The enhancement locations are:

- Allen Avenue Station - Retain and enhance architectural and art elements removed during cost reduction plus add streetlights and landscaping. Estimated cost is \$300,000.
- Sierra Madre Villa Station - Improve Halstead Street. Estimated cost is \$275,000.
- Fillmore Station- Retain architectural and art components plus landscaping. Estimated cost is \$200,000
- Right-of-way Between Green Street and Holly Street - Improve old right-of-way with area lights, sidewalks, and landscaping. Estimated cost is \$480,000
- Arroyo Parkway at Del Mar Boulevard - Widen south side of Del Mar Boulevard. Estimated cost is \$50,000.
- Widen Arroyo Parkway to provide a right-turn lane. Estimated cost is \$150,000.
- Power plant private crossing. Estimated cost is \$150,000.
- Citywide - Miscellaneous betterments at various locations. Estimated cost is \$225,000.
- Design and construct a bike-transit facility near one or more of the Metro Gold Line Stations. Estimated cost is \$200,000

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Schedule: The remaining work was designed in FY 2005 and will be constructed after the execution of an agreement with the MTA/Caltrans. The remaining work includes: Landscaping and bike racks at Allen Avenue Station; Right-of-way improvements between Green Street and Holly Street; and the Citywide miscellaneous betterments. In addition, in FY 2006, a bike-transit facility will be designed and construction will be completed in FY 2007.

Total Estimated Cost	Appropriated Thru FY2004	Adopted FY2005	Adopted FY2006	FY2007-2010 Estimated Cost
\$2,030,000	\$1,850,000	\$0	\$180,000	\$0

Project Name: Gold Line Phase 1 - Project Enhancements – Citywide (75506)

Description: This project provides for the following twelve enhancement projects along the Gold Line route and stations.

1. Sierra Madre Villa Station - South Pedestrian Overcrossing: Completion of the southern access pedestrian bridge over the eastbound lanes of the 210 Freeway at the Sierra Madre Villa Light Rail Station along with the elevator/stair tower at the south end of bridge, and the necessary improvements and acquisition of a portion of the OSH property on Colorado Boulevard and Madre Street. The estimated cost is \$6,500,000. This enhancement is a separate CIP project - "South Access Pedestrian Bridge to the Sierra Madre Villa Light Rail Station" (page 5.6), and therefore not included in the Total Estimated Project Cost of this project.
2. Fillmore Station Pedestrian Plaza - Raymond Avenue to Station and Fillmore Street Improvements Closure of Fillmore Street from Raymond Avenue east to cul-de-sac to include the following: Remove existing street, modify existing drainage system, and construct decorative walkways, lighting, benches, bike racks, and kiosks for enhancement of the Fillmore Station. Install a new traffic signal at Fair Oaks Avenue and Fillmore Street for pedestrians traveling between the Fillmore Station and the Huntington Hospital area. The estimated cost is \$500,000.
3. Noise Mitigation for Freeway Stations - Mitigate the noise from the freeway for passengers waiting for Gold Line trains. The project will reduce noise levels to below the maximum acceptable noise thresholds at three Gold Line stations along the 210 Freeway: Lake Avenue, Allen Avenue, and Sierra Madre Villa Avenue. Potential solutions to reduce traffic noise levels at the station platforms include, but are not limited to: sound walls, platform enclosures and pedestrian shelters. This proposal will require MTA and Caltrans approval. The estimated cost is \$3,000,000.
4. Traffic Signal Upgrades for Automated Traffic Control System (ATCS) Intersections - Upgrade 20 signalized intersections with battery back-up, 8-inch to 12-inch traffic signal head conversion, and LED upgrades. This will improve traffic safety at three

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at-grade crossings (Del Mar Boulevard, California Avenue, and Glenarm Street) in case of power outages within the ATCS. The estimated cost is \$400,000. This project may also include installation of Flashing Yellow Arrow Protected/ Permissive operations at two to three signalized intersections along Arroyo Parkway at Glenarm Street, Del Mar Boulevard, and California Boulevard. This operation will simplify traffic signal phase sequences needed to mitigate traffic queues upon train arrivals. This new signal display has also been demonstrated as less confusing and easily understood by motorists, and thus could improve traffic safety as well as intersection efficiency.

5. Information Kiosks - Install intermodal way-finding information kiosks at Gold Line stations. The City of Pasadena engaged the design services of an environmental graphic design firm to develop a free-standing information kiosk to be located adjacent to the six Pasadena Metro Gold Line stations and throughout the various business districts in the City. The kiosks will provide information related to the Gold Line transit system, directions to activities and events throughout the various business districts, and promote City of Pasadena-sponsored events. The kiosks will exhibit an electronic interface (i.e. LED monitor, CPU, input interface) and static graphic information. The kiosks will also provide storage areas for limited printed materials. The initial installation will focus on the six Pasadena Gold Line stations. The estimated cost is \$90,000.
6. Improvement to MTA Right-of-Way Between Green Street and Holly Street Improve MTA right-of-way with special colored concrete pavement, pedestrian lights, landscaping, benches, and trash receptacles per the Old Pasadena Streetscapes and Alley Walkways Plan. This will improve pedestrian travel from the Memorial Park Station into Old Pasadena. The estimated cost is \$750,000 with a funding shortfall of \$250,000. The "Gold Line Light Rail Station Enhancements" project (page 5.10) includes this enhancement but with an estimated cost of \$500,000. The shortfall is included in the total estimated cost of this project.
7. Pasadena Light Rail Train (LRT) Tracking and Network Monitoring System Upgrade the existing Pasadena LRT Automated Traffic Control System by integrating standard train-tracking capabilities as well as monitoring of all transportation systems associated with the Pasadena Metro Gold Line. This will be done by integrating all necessary transceivers, controls, and communication equipment from the SCADA system (the real-time train-tracking system used by the MTA) into strategic control cabinets along Arroyo Parkway and Raymond Avenue as well as the Traffic Management Center. The estimated cost is \$400,000.
8. Street Improvements on Halstead Street from Electric Drive to Sierra Madre Villa Station - Improve safety and traffic circulation for pedestrian and vehicular access leading to the Gold Line station by doing the following:
 - A. Install electronic message boards for eastbound and westbound freeway traffic for parking accessibility at Sierra Madre Villa parking structure.
 - B. Remove existing cross and longitudinal gutters at Foothill Boulevard and Halstead and construct new cross gutters and other miscellaneous street improvements at the intersection.
 - C. Install landscaping, irrigation systems, and center fence on existing medians on Sierra Madre Villa Avenue between Colorado Boulevard and Foothill Boulevard.

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The estimated cost is \$500,000.

9. Pedestrian Lighting Near Gold Line Stations - Install pedestrian lighting on Raymond Avenue between Glenarm Street and California Boulevard, and on Allen between Colorado Boulevard and Corson Street. The estimated cost is \$700,000. This enhancement is being done under two separate CIP projects - "South Fair Oaks Specific Plan" (page 2.20) and the "East Colorado Specific Plan" (page 2.21), and therefore not included in the Total Estimated Project Cost of this project.
10. Allen Avenue Station Improvements - Install decorative tile and accents to entry-level walls to match outside tile and accents at the station and install landscaping and bike racks. The estimated cost is \$150,000.
11. Vehicle Arrival Information - Install an automated bus arrival notification system at various stations throughout the city. NextBus provides actual arrival information, updated at regular intervals. Because traffic variations, breakdowns, and day-to-day problems can interrupt service, this system will keep riders on schedule. It uses satellite technology and advanced computer modeling to track vehicles on their routes. Each train is fitted with a satellite tracking system. The estimated cost is \$600,000.
12. Fence Line Landscaping and Irrigation between Fillmore and Del Mar Stations - Install landscaping and an irrigation system along Gold Line fences from Del Mar Boulevard to the South City Limits. The estimated cost is \$500,000.

Schedule: The following work will be done in FY 2006:

1. Noise Mitigation Project - pending the determination of a feasible project alternative during the initial phase of the concept barrier study, the Caltrans project study report phase will be completed;
2. Improvements to MTA Right-of-Way between Green Street and Holly Street - This project will be completed;
3. Pedestrian Lighting near Fillmore and Allen Stations - Installation of lighting on Allen Street will be completed and the installation of lighting on Raymond Avenue will begin in FY 2006 and be completed in FY 2007;
4. Traffic Signal Upgrades for ATCS Intersections - This project will be completed; and
5. Street Improvements for Fillmore Plaza from Raymond Avenue to the Gold Line will be designed in FY 2006 and constructed in FY 2007.

Total Estimated Cost	Appropriated Thru FY2004	Adopted FY2005	Adopted FY2006	FY2007-2010 Estimated Cost
\$6,866,000	\$0	\$3,566,000	\$2,250,000	\$1,050,000

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Project Name: Del Mar Station Public Plaza Betterments – Citywide (75011)				
Description: This project provides for betterments at the Gold Line Del Mar Station Plaza. The betterments include:				
1. Upgrade the paving in the general plaza area from colored, stamped concrete to natural cut stone with banding of precast concrete pavers.				
2. Upgrade the paving in the specialty plaza areas from stamped, simulated terra cotta concrete to terra cotta tile paving over concrete.				
3. Upgrade the finishes of three water features in the plaza from a plaster finish to use of ceramic tile emulating the historic character of fountains and walls found in the Pasadena area.				
4. Upgrade metal furniture in the plaza including benches and informal café tables to period style teak furniture.				
5. Upgrade the size of the trees planted throughout the plaza in order to provide immediate shade and a sense of maturity to the public spaces.				
Schedule: The Construction Authority's contractor will complete this project in FY 2006.				
Total Estimated Cost	Appropriated Thru FY2004	Adopted FY2005	Adopted FY2006	FY2007-2010 Estimated Cost
\$550,000	\$550,000	\$0	\$0	\$0

Project Name: Suggested Routes to School Program - Citywide (75501)				
Description: This project provides for the establishment of a routes map to and from the fourteen public elementary schools located in Pasadena. Identification of suggested routes to school includes site visit to the schools, coordination with the Pasadena Unified School District (PUSD), and mapping of the routes in a GIS format. This is a collaborative effort between the Pasadena Unified School District and the City.				
Schedule: This project began in FY 2005 and will be completed in FY 2006.				
Total Estimated Cost	Appropriated Thru FY2004	Adopted FY2005	Adopted FY2006	FY2007-2010 Estimated Cost
\$125,000	\$0	\$125,000	\$0	\$0

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Project Name: Civic Center/Mid-Town Public Improvements and Related Components– Citywide (73200)

Description: The goal of the Civic Center/Mid-Town District Public Improvements Project is to design and implement pedestrian and transportation enhancements within the public spaces of Pasadena's historic Civic Center District. This area includes Centennial Square, Holly Street, Garfield Avenue Promenade including the Civic Auditorium and Central Library forecourts, Thurgood Marshall Street and Colorado Boulevard.

These improvements will include streetscape and walkway elements such as street and sidewalk paving, landscaping and street trees, lighting, signage, graphics, street furniture, and gateway elements.

Schedule: The Concept Plan was completed in FY 2002 and the Design Development documents were completed in FY 2004. Current grant and match funding will allow for implementation of the following Phase 1-3 District improvements:

Phase 1 - Colorado Boulevard: Street trees, lighting and site amenities (benches, trash cans, bike racks);

Phase 2 - Garfield Avenue (between Union and Ramona Streets) Pedestrian amenities include historic sidewalk repair, irrigation, street trees and landscaping, street lights, trash cans, temporary parking/crosswalk striping, parking meter relocation, Union Street signal relocation, Thurgood Marshall signs for one-way conversion, storm drainage system, signage (watermarks/historic building markers) and related demolition, grading and patching.

Phase 3 - Holly Street: New brick & concrete sidewalks; street trees & landscaping; street lighting, gateway & tree up-lighting; site amenities (benches, trash cans, bike racks); gateway entry elements, and related demolition, grading and patching.

Phases 4-11 improvements will be designed and constructed as future funding becomes available.

Total Estimated Cost	Appropriated Thru FY2004	Adopted FY2005	Adopted FY2006	FY2007-2010 Estimated Cost
\$19,500,000	\$1,000,000	\$0	\$0	\$18,500,000

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Project Name: South Lake Streetscapes Improvements– Citywide (Priority 28)				
Description: This project provides for the installation of pedestrian lighting, electrical upgrades, and landscaping of the median island on South Lake Avenue between Green Street and California Boulevard. The total estimated cost of the project is as follows:				
\$280,000 - Pedestrian Lighting Costs				
\$275,770 - Electrical Upgrades				
\$305,000 - Landscaping and Irrigation Costs				
\$860,770 Total Costs				
Schedule: This project will be scheduled when funding becomes available.				
Total Estimated Cost	Appropriated Thru FY2004	Adopted FY2005	Adopted FY2006	FY2007-2010 Estimated Cost
\$860,770	\$0	\$0	\$0	\$860,770

Project Name: Arroyo Parkway Enhancement - Citywide (73201)				
Description: This project provides improvements on Arroyo Parkway between Colorado Boulevard and Glenarm Street and on Arroyo Parkway/SR-110 between Glenarm Street and State Street. The improvements on the portion between Colorado Boulevard and Glenarm Street include pavement reconstruction/rehabilitation, modification of the median island to add/lengthen left-turn pockets and to widen through-traffic lanes, parkway and median landscaping, pedestrian lighting, crosswalk treatments, pedestrian amenities, and miscellaneous sidewalk and curb and gutter reconstruction.				
Proposed improvements on Arroyo Parkway/SR-110 between Glenarm Street and State Street include new fences, screening, landscaping, and street lighting.				
This project will be constructed in three phases. Phase I and II include roadway improvements between Colorado Boulevard and Glenarm Street such as pavement reconstruction/rehabilitation; median island modifications; sidewalk, curb and gutter reconstruction; aesthetic enhancements and gateway treatments for which funding is currently available. Phase III includes all of the proposed improvements on SR-110 south of Glenarm Street and any additional aesthetic enhancements and gateway treatments. Phase III will be implemented as funding becomes available.				
Schedule: This project will be completed in three phases:				
Phase I (Colorado to California):				
Environmental and design of roadway improvements were completed in FY 2004				
Design of aesthetic elements will be completed in FY 2006				

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<p>Construction will begin in FY 2007</p> <p>Phase II (California to Glenarm):</p> <p>Environmental and design of roadway improvements were completed in FY 2004</p> <p>Design of aesthetic elements will be completed in FY 2006</p> <p>Construction will begin in FY 2007</p> <p>Phase III (Glenarm to State Street):</p> <p>Environmental to begin when funds are available</p>				
Total Estimated Cost	Appropriated Thru FY2004	Adopted FY2005	Adopted FY2006	FY2007-2010 Estimated Cost
\$12,500,000	\$8,584,178	\$0	\$0	\$3,915,822

<p>Project Name: Old Pasadena Traffic Improvement – Citywide (75814)</p> <p>Description: This project provides for mitigation of parking and traffic impacts and issues that may be needed in the Old Pasadena Parking Meter Zone District. This may include: (1) special traffic control devices; (2) installation of special signs, striping, and traffic signal operations; (3) on-street parking related enhancements; and/or, (4) construction of traffic islands and minor curbside traffic improvements.</p> <p>Schedule: This is an ongoing project funded on an annual basis. In FY 2005, the following work was performed: Update of signal equipment such as pedestrian signal displays to international symbols and the installation of audio-tactile pedestrian push buttons. In FY 2006, work will begin on the upgrading of existing parking meters and the installation of new parking meters.</p>				
Total Estimated Cost	Appropriated Thru FY2004	Adopted FY2005	Adopted FY2006	FY2007-2010 Estimated Cost
\$346,810	\$249,810	\$19,400	\$0	\$77,600

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Project Name: Advanced Traveler Information System (ATIS) – Citywide (75010)				
Description: This project will provide the infrastructure to develop a traveler information website for the Arroyo Verdugo Area. The system will enable collection and dissemination of multi-modal, real-time traveler information in the region. The project includes a website and ancillary computer equipment, and the installation of a traffic volume and speed data collection system to complement the existing Traffic Management Center (TMC) system detectors. Pasadena will receive seven traffic count stations and data server equipment to interface with the website.				
Schedule: This project is scheduled to be completed by the end of FY 2006. The City of Glendale is the lead agency on this project.				
Total Estimated Cost	Appropriated Thru FY2004	Adopted FY2005	Adopted FY2006	FY2007-2010 Estimated Cost
\$84,415	\$84,415	\$0	\$0	\$0

Project Name: Playhouse District Streetscape and Paseos Plan - Phase 1 – Citywide (73397)				
Description: This project will provide for the design and installation of street trees, tree grates, street lighting, trash receptacles, and other elements including benches, signage, bicycle racks, and public art in the Playhouse District.				
<ol style="list-style-type: none"> 1. Street Lighting - Install pedestrian lighting and/or upgrade existing lighting at the following locations: <ol style="list-style-type: none"> a. Colorado Boulevard from Los Robles Avenue to Lake Avenue – COMPLETED b. El Molino Avenue from Green Street to Union Street - COMPLETED c. Green Street from Los Robles Avenue to Lake Avenue - COMPLETED In addition, streetlight poles will be painted. 2. Street Trees and Landscaping - Install street trees and tree grates at the following locations: <ol style="list-style-type: none"> a. Colorado Boulevard from Los Robles Avenue to Lake Avenue - PHASE I COMPLETED b. El Molino Avenue from Green Street to Union Street - COMPLETED c. Prune trees on Green Street from Los Robles Avenue to Lake Avenue – ONGOING 3. Streetscapes - Install trash receptacles and benches at the following locations: <ol style="list-style-type: none"> a. Colorado Boulevard between Los Robles Avenue and Lake Avenue - 				

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COMPLETED

b. El Molino Avenue between Green Street and Union Street – COMPLETED

4. Signage and graphics

a. Install district identification signs, remote district directional signs and directional parking signs - COMPLETED

b. Install small and large banners on light poles - COMPLETED

c. Remove, refurbish and reinstall historic Pasadena Playhouse sign - COMPLETED

Schedule: In FY 2006, streetlight poles will be painted at the following locations: Green Street - Lake Avenue to Hill Avenue; Green Street - Los Robles Avenue to Lake Avenue; El Molino Avenue - Union Street to Green Street; and Colorado Boulevard - Los Robles Avenue to Lake Avenue. Phase II of the tree removal and replanting along Colorado Boulevard will be reviewed in FY 2006.

Total Estimated Cost	Appropriated Thru FY2004	Adopted FY2005	Adopted FY2006	FY2007-2010 Estimated Cost
\$1,305,000	\$1,220,000	\$85,000	\$0	\$0

Project Name: Playhouse District Streetscapes, Walkways and Alleys - Phase II – Citywide (73125)

Description: The second phase of this project will provide for paved pedestrian crossings at the intersection of Colorado Boulevard and El Molino Avenue; new street lighting on the north/south streets and Union Street; as well as new trees, street furniture, banners, and public art on selected streets within the district. The improvements include:

1. Street Lighting - Install pedestrian lighting at the following locations:
 - a. Union Street from Los Robles to Lake Avenue
 - b. Oakland from Union to Green Street
 - c. Madison from Union to Green Street
 - d. Oak Knoll from Union to Green Street
 - e. Hudson from Union to Green Street
2. Street Trees and Landscaping - Install street trees and tree grates at the following locations:
 - a. Union between Los Robles and Lake Avenue
 - b. Oakland between Los Robles and Lake Avenue

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- c. Madison between Los Robles and Lake Avenue
 - d. Oak Knoll between Los Robles and Lake Avenue
 - e. Hudson between Los Robles and Lake Avenue
 - 3. Streetscapes - Install bike racks on Green Street between Los Robles Avenue and Lake Avenue, and El Molino Avenue between Green Street and Union Street; and trash receptacles at the following locations:
 - a. Green Street between Los Robles and Lake Avenue
 - b. Union Street between Los Robles and Lake Avenue
 - c. El Molino between Green and Union Street
 - d. Oakland between Green and Union Street
 - e. Madison between Green and Union Street
 - f. Oak Knoll between Green and Union Street
 - g. Hudson between Green and Union Street
 - 4. Street construction - Install special paved crosswalks at the intersection of Colorado Boulevard and El Molino Avenue.
- Schedule:** This project will be designed in FY 2006 and construction will begin in FY 2007.

Total Estimated Cost	Appropriated Thru FY2004	Adopted FY2005	Adopted FY2006	FY2007-2010 Estimated Cost
\$1,319,000	\$292,000	\$0	\$0	\$1,027,000

Project Name: South Fair Oaks Specific Plan – Citywide (73123)

Description: This project provides for implementation of various public improvements described in the adopted South Fair Oaks Specific Plan which encompasses two subareas: 1) General Industrial Subarea; and 2) Huntington Memorial Hospital Subarea. Proposed projects include:

1. Street Trees and Landscaping -Install street trees and landscaping in the form of shrubs, ground cover and/or vines at the following locations:
 - Major Streets
 - a. Fair Oaks Avenue from the South City Limits to California Boulevard
 - b. Raymond Avenue from Glenarm Street to California Boulevard
 - c. California Boulevard from Pasadena Avenue to Metro Gold Line right-of-way District Streets

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- d. Glenarm Street from Alarcon Place to the Metro Gold Line right-of-way
 - e. Pico Street from Fair Oaks Avenue to Metro Gold Line right-of-way
 - f. Bellefontaine Street from Pasadena Avenue to Fair Oaks Avenue Rail Right-of-Way
 - g. Metro Gold Line right-of-way from the South City Limits to California Boulevard
2. Street Lights - Implement comprehensive street lighting improvements to increase pedestrian activity, promote safety, aid in orientation, and enhance area ambiance at the following locations:
- Major Streets
- a. Fair Oaks Avenue from the South City Limits to California Boulevard
 - b. Raymond Avenue from Glenarm Street to California Boulevard
 - c. California Boulevard from Pasadena Avenue to Metro Gold Line right-of-way
- District Streets
- d. Glenarm Street from Alarcon Place to the Metro Gold Line right-of-way
 - e. Pico Street from Fair Oaks Avenue to Metro Gold Line right-of-way
 - f. Bellefontaine Street from Pasadena Avenue to Fair Oaks Avenue
3. Decorative Crosswalks - Install decorative pedestrian crosswalks at the following intersections:
- Major Streets
- a. Fair Oaks Avenue at California Boulevard, Congress Street, Fillmore Street, Bellefontaine Street and Glenarm Street
 - b. Raymond Avenue at California Boulevard, Fillmore Street and Glenarm Street
4. Sidewalk Repair/Improvements - Improve and/or repair sidewalks in conformance with City engineering standards and with texture and scoring patterns as set forth in the specific plan. Sidewalk repair/improvements shall be implemented at the following locations:
- Major Streets
- a. Fair Oaks Avenue from the South City Limits to California Boulevard
 - b. Raymond Avenue from Glenarm Street to California Boulevard
 - c. California Boulevard from Pasadena Avenue to Metro Gold Line right-of-way
- District Streets
- d. Glenarm Street from Alarcon Place to the Metro Gold Line right-of-way
 - e. Pico Street from Fair Oaks Avenue to Metro Gold Line right-of-way
 - f. Bellefontaine Street from Pasadena Avenue to Fair Oaks Avenue
5. Streetscapes - Install trash receptacles at the following locations:
- Major Streets

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- a. Fair Oaks Avenue from the South City Limits to California Boulevard
 - b. Raymond Avenue from Glenarm Street to California Boulevard
 - c. California Boulevard from Pasadena Avenue to Metro Gold Line right-of-way
- District Streets
- d. Glenarm Street from Alarcon Place to the Metro Gold Line right-of-way
 - e. Pico Street from Fair Oaks Avenue to Metro Gold Line right-of-way
 - f. Bellefontaine Street from Pasadena Avenue to Fair Oaks Avenue
6. Fillmore Street Improvements - The following improvements shall be implemented on Fillmore Street between Fair Oaks Avenue and Raymond Avenue:
- a. Install sidewalk trees.
 - b. Install street trees between parking spaces. The in-street trees shall be placed in a planter with shrubs and/or ground cover to form a dense planting area.
 - c. Implement comprehensive street lighting improvements to increase pedestrian activity, promote safety, aid in orientation, and enhance area ambiance.
 - d. Improve and/or repair sidewalks in conformance with City engineering standards and with texture and scoring patterns as set forth in the specific plan.
 - e. Install street furnishing to include trash receptacles and benches. Benches shall be wood and/or metal. Concrete benches shall not be used.
 - f. Install a traffic signal at the Fillmore Street and Raymond Avenue intersection – COMPLETED
7. Fillmore Station Plaza - Fillmore Street between Raymond Avenue and the Metro Gold Line right-of-way shall be closed to create a public pedestrian plaza. The following improvements shall be implemented on the Fillmore Station Plaza:
- a. Install a single row of trees and shrub/ground cover planting to match the “in-street” trees on Fillmore Street west of Raymond Avenue.
 - b. Provide paving for the Station Plaza designed as one integrated area preferably utilizing a combination of concrete and decorative paving materials. Existing curbs and sidewalks should be removed.
 - c. Install lighting to include up-lighting for roof structures and pedestrian-scale decorative features.
 - d. Install street furnishing to include trash receptacles and benches. Benches shall be wood and/or metal.
8. Miscellaneous
- a. Widen the south side of California Boulevard at the Fair Oaks Avenue intersection to provide an eastbound right-turn-only lane on California Boulevard to southbound Fair Oaks Avenue – COMPLETED
 - b. Widen the east side of Fair Oaks Avenue at the Glenarm Street intersection to provide a northbound right-turn-only lane on Fair Oaks Avenue to eastbound Glenarm

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Street.

Schedule: In FY 2006, the installation of street trees and landscaping, street light improvements, and sidewalk repairs/improvements will be completed on Glenarm Street from Alarcon Place to the Metro Gold Line right-of-way as part of the SR-710 Mitigation Project. In FY 2007, the Raymond Avenue street and pedestrian lighting will be done as part of the Raymond Avenue Widening Project. The Fillmore Station Plaza will also be completed in FY 2007 as part of the Gold Line Phase 1 - Project Enhancements Project. The street trees and landscaping, sidewalk repair/improvements and decorative crosswalks on Raymond Avenue between Del Mar Boulevard and Glenarm Street will be completed in FY 2007 as part of the SR-710 mitigation project.

Total Estimated Cost	Appropriated Thru FY2004	Adopted FY2005	Adopted FY2006	FY2007-2010 Estimated Cost
\$3,710,000	\$210,000	\$0	\$0	\$3,500,000

Project Name: East Colorado Boulevard Specific Plan – Citywide (73582)

Description: This project involves the implementation of public improvements described in the East Colorado Boulevard Specific Plan. The plan identifies six subareas or districts and builds on the existing character, scale, and development trend of each to provide a comprehensive strategy for the entire area. The districts are Mid-City, College District, Gold Line, Route 66, Lamanda Park, and Chihuahuita (City Edge). The streetscape improvement plans in each area include the following:

1. Street Trees and Landscaping
 - a. Install street trees
 - b. Install landscaping
 - c. Replant existing median islands
2. Streetscapes
 - a. Repair sidewalks
 - b. Install street furniture
3. Street Lighting - Install pedestrian lighting

The following improvements are specific to one of the subareas:

1. Mid-City Subarea (Colorado - Catalina to Holliston)
 - a. Secure existing historic marker at 1308 Colorado Boulevard
2. College District Subarea (Colorado - Holliston to Allen)
 - a. Install decorative crosswalks at three locations

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- b. Install bulb-out and mid-block crosswalk
- c. Widen sidewalks along Pasadena City College frontage
- d. Install public art
- e. Install directional signs
- 3. Gold Line Subarea (Allen - Colorado to Corson)
 - a. Install median island and monument
 - b. Widen sidewalks between Colorado Boulevard and Walnut Street

Schedule: Asphalt concrete decorative crosswalks will be installed on Colorado Boulevard at Harkness Avenue, Marion Street, Sierra Bonita Avenue and Bonnie Avenue in early FY 2006, following completion of the sidewalk widening project by Pasadena City College. Also in FY 2006, the installation of pedestrian lights, street trees and streetscapes on Colorado from Northrup to Sycamore and on Allen Avenue from Colorado Boulevard to Corson Street will begin. Enhanced crosswalks have been designed for the Colorado and Bonnie intersection and reviewed by the Design Commission. Street trees were planted along Colorado Blvd.

Total Estimated Cost	Appropriated Thru FY2004	Adopted FY2005	Adopted FY2006	FY2007-2010 Estimated Cost
\$6,675,950	\$0	\$115,000	\$0	\$6,560,950

Project Name: Fair Oaks/Orange Grove Specific Plan - Transportation Issues – Citywide (73129)

Description: This project provides for the implementation of the public improvements in the Fair Oaks/Orange Grove Specific Plan. The specific plan is comprised of three smaller areas: 1) La Pintoresca Neighborhood Corridor District, 2) Robinson Park District, and 3) The Renaissance Commercial District. The elements of the project are as follows:

- 1. Pedestrian Improvements
 - a. Provide decorative crosswalks consisting of interlocking pavers in the following intersections:
 - I. Fair Oaks Avenue and Montana Street
 - II. Fair Oaks Avenue and Washington Boulevard
 - III. Fair Oaks Avenue and Mountain Street
 - IV. Fair Oaks Avenue and Orange Grove Boulevard
 - V. Orange Grove Boulevard and Lincoln Avenue

VI. Orange Grove Boulevard and Los Robles Avenue

VII. Orange Grove Boulevard and Garfield Avenue

VIII. Fair Oaks Avenue at Maple Street (along 210 Freeway)

- b. Provide street furniture (lights, benches, trash receptacles, etc) in all three Specific Plan districts
- c. Property owners to reconstruct existing sidewalk gaps and repair pavement where needed
- d. Widen sidewalk at Fair Oaks/Orange Grove intersection
- e. Ensure that sidewalk ramps and audible traffic controls comply with ADA requirements
- f. Install directional and informational pedestrian signs
- g. Improve lighting in pedestrian areas
- h. Improve street light standards where needed

2. Traffic Improvements

- a. Fair Oaks Avenue/Painter Street - Install traffic signal control and include signal in traffic signal synchronization – COMPLETED
- b. Develop alternative transportation routes that link neighborhoods

3. Signature Improvements

- a. Provide gateway feature to mark and enhance the northerly entrance to the Specific Plan area (where North Fair Oaks Avenue crosses the boundary with Altadena), including a monument sign, landscaping, and flood lights.
- b. Install graphic icons as stand-alone elements or on existing street lighting poles in all three Specific Plan districts to provide a sense of identity.
- c. Provide decorative bus stop shelters to build on the unique character of surrounding neighborhoods in all three Specific Plan districts.
- d. Provide monument signs, landscaping, and floodlights to mark and enhance southerly, easterly and westerly gateways at or near:

I. Villa Street and Fair Oaks Avenue

II. Lincoln Avenue and Orange Grove Boulevard

III. Los Robles Avenue and Orange Grove Boulevard

4. Landscape Improvements - Plant trees where gaps exist (minimum of 24-inch box specimens) in all three Specific Plan districts.

5. Public Facilities Improvements

- a. Underground utility wires wherever possible
- b. Upgrade sewer system between Hammond Street and Orange Grove Boulevard

Pasadena Pedestrian Plan

For a livable & walkable community

Schedule: In FY 2006, construction of pedestrian lighting on Fair Oaks Avenue from Hammond Street to Orange Grove Boulevard will begin.

Total Estimated Cost	Appropriated Thru FY2004	Adopted FY2005	Adopted FY2006	FY2007-2010 Estimated Cost
\$4,460,000	\$150,000	\$190,000	\$225,000	\$3,895,000

Project Name: North Lake Specific Plan – Citywide (75954)

Description: This project provides for the implementation of the various public improvements described in the adopted North Lake Specific Plan.

1. Tree Lanes and Tree Peninsulas - Construct Tree Lanes and Tree Peninsulas, including landscaping and irrigation on Lake Avenue at the following locations:
 - a. Maple Avenue to Villa Street
 - b. Villa Street to Orange Grove Boulevard - COMPLETED
 - c. Orange Grove Boulevard to Boylston Street
 - d. Boylston Street to Bell Street – COMPLETED
 - e. Bell Street to Claremont Street
 - f. Claremont Street to Washington Boulevard
 - g. Washington Boulevard to Rio Grande Street - COMPLETED
 - h. Rio Grande Street to Elizabeth Street
2. New Traffic Signal
 - a. Rio Grande Street at Lake Avenue
3. Roadway Maintenance - Perform Street Resurfacing at the following locations:
 - a. Claremont Street - Lake Avenue to Hudson Street
 - b. Lake Avenue - Villa Street to Maple Street
 - c. Washington Boulevard - Lake Avenue to Michigan Avenue - COMPLETED
4. Chokers and Median Islands - Construct chokers and median islands on Lake Avenue at the following locations:
 - a. Claremont Street to Washington Boulevard
 - b. Boylston Street to Mountain Street – COMPLETED
5. Street Lighting - Install pedestrian lighting at the following locations: