

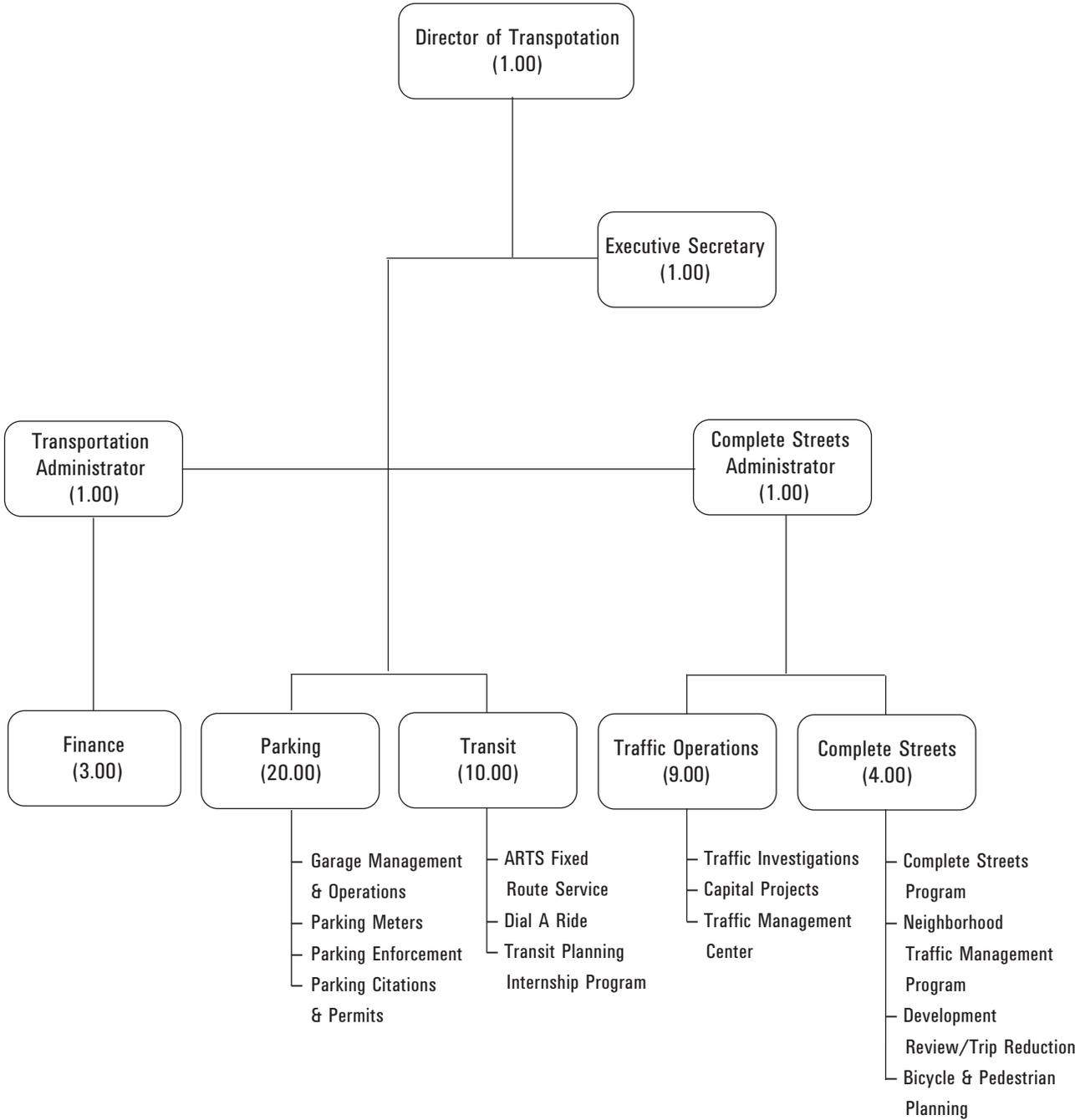


TRANSPORTATION



*Linda Vista Branch Library
Opened in 1957*

CITY OF PASADENA
TRANSPORTATION



CITY OF PASADENA
TRANSPORTATION

MISSION STATEMENT

The Department of Transportation is committed to achieving the safe and sustainable movement of people and goods within Pasadena, while concurrently ensuring a balance between land use and transportation to maintain a livable community in which cars are not necessary to travel within the City.

PROGRAM DESCRIPTION

The Department is a multi-discipline team that carries out a variety of diverse, interrelated activities that sustain, promote, and enhance accessibility, connectivity and mobility in the community.

The department performs the following the following services:

- Management and operation of efficient traffic mobility and circulation utilizing the Traffic Management Center (TMC)
- Neighborhood protection from non-local traffic, speeding and parking intrusion;
- Planning and implementation of complete streets mobility city-wide;
- Identification of need and design of all traffic control devices (traffic signs, traffic signals, pavement markings);
- Monitoring of traffic safety city-wide;
- Management, planning and operation of Pasadena Area Rapid Transit System (ARTS), Pasadena Dial-A-Ride (DAR) and city-wide public transit access;
- Planning and implementation of a network of bicycle lanes and bicycle parking facilities;
- Planning and implementation of a network of pedestrian facilities;
- Management and operation of city-wide parking facilities, both on and off street, including nine parking garages, four surface lots and over 1,300 metered parking spaces;
- Enforcement of municipal code parking regulations;
- Identification and implementation of transportation measures for developments city-wide, inclusive of traffic, parking,

Congestion Management Program (CMP) and Transportation Demand Management (TDM) compliance;

- Leadership of the Pasadena Transportation Management Association (TMA);
- Preparation of applications for transportation grant funds from all available sources; and
- Representation of the City in regional transportation programs and regional policy development.

DEPARTMENTAL RELATIONSHIP TO CITY COUNCIL GOALS

Improve Mobility and Accessibility throughout the City:

The Department fosters economic prosperity by management of efficient traffic mobility and circulation throughout the City as well as securing grants to enhance traffic mobility and safety. The Department plans and operates the transportation system to maintain a livable community in which cars are not necessary for mobility throughout the City.

FISCAL YEAR 2014 ACCOMPLISHMENTS

The Department accomplished the following during Fiscal Year 2014:

- Implemented grant-funded additional ARTS service on the Route 20 – the most heavily traveled route, providing residents of Northwest Pasadena a much needed increase in transit service, thereby facilitating travel options for job opportunities and other activities;
- Purchased and placed into service seven (7) new CNG-fueled 32-foot ARTS buses, including six (6) replacement buses and one (1) expansion bus. With the addition of these new vehicles, the active ARTS fleet is comprised of 100% CNG-fueled buses;
- Awarded a Metro Call for Projects grant of nearly \$2.8 million for the purchase of eight (8) replacement ARTS buses in FY2017;

CITY OF PASADENA
TRANSPORTATION

- Installed and tested real-time vehicle arrival information system for the ARTS buses;
- Released Request for Proposal for new transit services contract;
- Preparation of a Title VI Plan for the Transit Division, per Federal Transit Administration (FTA) requirements that all recipients of Federal funding document their compliance with the Department of Transportation's Title VI regulations by submitting a Title VI Program once every three years;
- Continued transit rebranding effort for the City's transit system that will enhance the visibility of transit options in Pasadena and provide a fresh look for the system, which is approaching its 20th anniversary in summer 2014;
- Completed the Safe Routes to School (SRTS) program;
- Completed conceptual plans for Lida Street through the Linda Vista Annandale Area Complete Streets Program;
- Kicked off San Rafael Area Complete Streets Program;
- Extended Bicycle Lanes and Bicycle Routes along Marengo Avenue from Orange Grove Boulevard to Corson Street and from Green Street to Cordova Street;
- Completed construction of the City's first Bicycle Boulevard on North Marengo Avenue with ribbon cutting ceremony in February 2013;
- Completed the installation of head-in angle parking along Holly Street between Arroyo Parkway and Fair Oaks Avenue.
- Completed the first pilot reversed angle parking along Vista Street;
- Completed a review of the Gold Line Preemption timing and recommend improvements to reduce motorist delay;
- Implemented emergency vehicle preemption at twenty-three critical intersections as identified by the Fire Department;
- Deployed the implementation of Leading Pedestrian Interval (LPI) and Pedestrian Recall in the Central Business District and at other high pedestrian activity location;
- In coordination with Los Angeles County, completed Traffic Signal Upgrades and signal synchronization along Sierra Madre and San Gabriel Boulevards;
- Advertised the ITS Phase II Fiber optic communication and signal timing project along segments of the following corridors; Hill Avenue, Sierra Madre Boulevard, Foothill Boulevard and Fair Oaks Avenue;
- Continued the design of Pedestrian Safety at Signalized Intersections project to install curb extensions at Colorado Boulevard/Fair Oaks Ave and Lake Avenue/Mountain Street intersections. Completed the micro simulation of Colorado Boulevard and Fair Oaks Avenue to illustrate the effect of the curb extensions;
- Continued the design of traffic signal improvements at the intersection of Pasadena Avenue and Walnut Street;
- Continued the design of traffic signal improvements at Colorado Boulevard/Orange Grove Boulevard and Orange Grove Boulevard/Holly Street intersections;
- Completed remaining phases of the installation of the Pasadena Wayfinding system pedestrian and motorist static signage;
- Completed the design of the "Detection of Bicycles at Intersections Controlled by Traffic Signals" project and executed Letter of Agreement for the grant between the City and Metro;
- Completed the Origin-Destination study for the Rose Bowl area utilizing Bluetooth readers as part of the Transportation Monitoring Network Project;
- In coordination with the City Attorney's Office updated the Speed Limit Ordinance to consolidate the speed limits under one section of the Pasadena Municipal Code;

CITY OF PASADENA
TRANSPORTATION

- Improved community outreach efforts related to parking operations;
- Formed four new employee vanpools for a total of ten through the Prideshare Program;
- Managed the Metro grant funded Pasadena Fold-n-Go program which subsidized over 225 bikes purchased by Pasadena residents and employees;
- Incorporated Multi-Modal Level of Service analyses into the development review process;
- Prepared traffic studies in-house, on as needed basis, to expedite the development review process;
- Continued to collaborate with Planning Department on entitlement review process;
- Upgraded and installed 33 industry standard J-1772 electric vehicle chargers at the City's parking facilities;
- Conducted an Electric Vehicle (EV) Charging Station Workshop to provide the opportunity for private property owners in the City to learn about the benefits of installing on-site EV chargers and the subsidies offered through grants from Metro and SCAQMD;
- Initiated a carshare pilot program agreement with Zipcar for up to 40 vehicles. Zipcar deployed 20 vehicles in Spring 2014;
- Completed the traffic analysis review of 20 new development projects;
- Continued to monitor the regulated sites compliance with the City's Trip Reduction Ordinance (TRO);
- Mobility Element Guiding Principles and Policy themes adopted by the City Council;
- Street Types Plan (supporting the Complete Streets Plan) presented to Municipal Services Commission, Transportation Advisory Commission and Planning Commission;
- Monitored development of the SR-710 Environmental Impact Report;
- Planned and coordinated six public events as part of Bike Week Pasadena;
- Developed new Mobility Metrics and Transportation Impact Thresholds;
- Prideshare Program received the Metro Diamond award for the best ridesharing program in Los Angeles County;
- Partnered with Metro to implement a Regional Bike Share Program that will provide storage for 300 bicycles at 30 rental kiosks throughout Pasadena;
- Upgraded Parking Access Revenue Control System (PARCS) for compliance with the Payment Card Industry (PCI) at the Paseo, Del Mar and Holly garages;
- Installed Cale America, Inc. multi-space meters in Old Pasadena and Civic Center;
- Consolidated the parking structure funds into an off-street parking facilities fund;
- Reorganized the parking offices (Suite 199) to expand the customer service area;
- Relocated the Parking Citations Section from City Hall to the Parking Office to complete a one stop office for all parking services;
- Implemented a permit option that allows a Recreational Vehicle owner street parking to handle before and after trip needs for loading and unloading vehicles;
- Installed new lighting at the Del Mar Station Garage;
- Implemented the T2 Flex Parking Management System which allows payment of citations on-line as well as provides the ability to view and contest citations on-line. It also allows for application and payment of parking permits;
- Completed the deployment of the Transit Vehicle Arrival

CITY OF PASADENA
TRANSPORTATION

Information System (TVAIS) as part of the Safe Accountable, Flexible, Efficient, and Transportation Equity Act: A Legacy for Users (SAFETEA-LU);

- Partnered with Pasadena Police Department to implement engineering and enforcement red-light running countermeasures in the absence of the Photo Red Light Camera Program;
- Held community meetings to identify traffic issues for State Street/South Gateway Area NTMP and implemented improvements of Arlington Drive;
- Completed five “Complete Streets” training workshops for Linda Vista Association Board members;
- Conducted five “Complete Streets” training workshops for DOT and Public Works staff;
- Completed the Traffic Light Synchronization Program along six (6) corridors; Hill Avenue, Orange Grove Boulevard, Sierra Madre Boulevard, California Boulevard, Del Mar Boulevard and Los Robles;
- Completed construction of the Lake Avenue ITS Project Phase II, installing fiber optic communication for the traffic signals along Lake Avenue, from Washington Boulevard to Colorado Boulevard and connecting the TMC at City Hall;
- Completed the installation of the 10 Speed Radar Signs as part of the Arterial Speed Management Program;
- Completed an Origin-Destination Study for the Rose Bowl area utilizing Bluetooth readers as part of the Transportation Monitoring Network Project;
- Updated the Speed Limit Ordinance to consolidate the speed limits under one section of the Pasadena Municipal Code; and
- Began design of the “Detection of Bicycles at Intersections Controlled by Traffic Signals” project and executed the Letter of Agreement between the City and Metro for this grant.

FISCAL YEAR 2015 ADOPTED BUDGET

Operating Budget:

The FY 2015 Adopted Budget of \$31,925,632 is \$1,843,114 or 5.5 percent less than the FY 2014 Revised Budget. The decrease is due primarily to one-time FY 2014 budget appropriations in Parking and Transit Funds not reflected in the FY 2015 Adopted Budget.

Personnel:

A total of 50.00 FTEs are included in the FY 2015 Adopted Budget, which is an increase of 2.00 FTEs over the FY 2014 Revised Budget. The net increase of 2.00 FTEs include transfer in of two Staff Assistant III, one Operations Assistant and one Technical Specialist from the Finance Department to consolidate the Parking Citation one-stop process and the transfer out of 2.0 FTEs to the Human Resources Department for the administration of the Prideshare program.

Capital Budget:

The Department’s FY 2015 Capital Improvement Program anticipates expenditures of \$8.3 million.

YEAR-OVER-YEAR BUDGET CHANGES

General Fund:

General Fund had an increase of \$781,336 or 17.4% due to the transfer in of 4.2 positions that work directly for the Parking Enforcement and Citation Program. The transfer allowed parking citation cashiering functions previously shared with the Finance Department to migrate in their entirety to the Parking Division.

Other Funds:

Overall, Parking Funds decreased their expenditures by \$2,423,879. The net decrease was primarily due to costs related to debt service obligations. The Transit budget also decreased by \$641,759 due primarily to one-time grant funding not reflected in the FY 2015 Adopted Budget. Other miscellaneous funds increased by \$441,188 to support various transportation related programs.

CITY OF PASADENA
TRANSPORTATION

FUTURE OUTLOOK

- Implement a program to incorporate Complete Streets policies into all street maintenance and rehabilitation projects;
- Full public implementation of the ARTS real-time vehicle arrival information system which will allow customers to obtain “real time” vehicle arrival information via phone, internet, and passenger information signs at key bus stops within the City;
- Implementation of new transit services contract;
- Improve and potentially enhance ARTS schedules per improved on-time performance data generated by the real-time vehicle arrival information system;
- Finalize transit rebranding effort for the City’s transit system;
- Implement structural improvements adopted by the ADA Transition Plan for the parking system;
- Continue to expand marketing of TDM initiative to business community;
- Complete feasibility study for the inclusion of bicycle tracks or protected bike lanes into the Bicycle Transportation Plan and present to the City Council for adoption;
- Continue the San Rafael Area and Upper Hastings Area Complete Streets Program;
- Provide leadership to the Pasadena Transportation Management Association;
- Continue to streamline development review process in conjunction with other City departments;
- Maintain representation on greenhouse gas/sustainability initiatives and other inter-departmental review activities.
- Install 25 EV charging stations in the next fiscal year;
- Analyze the mobility impacts of the General Plan preferred land use alternatives and present the findings to the community;
- Work with the Transportation Advisory Commission to develop and implement new transportation policies for inclusion in the Mobility Element Update;
- Draft the update to the Mobility Element and present it to the community for public review and comment;
- Prepare revised nexus study to support an update to the Traffic Reduction and Transportation Improvement Fee.
- Host an Open Street Event as part of Bike Week Pasadena;
- Hold six community bike rides throughout Pasadena;
- Award construction contract for the Pedestrian Safety at Signalized Intersections project to install curb extensions at Colorado Boulevard/Fair Oaks Ave and Lake Avenue/Mountain Street Intersections;
- Award a construction contract for traffic signal improvements at the intersection of Pasadena Avenue and Walnut Street;
- Award a construction contract for the traffic signal improvements at Colorado Boulevard/Orange Grove Boulevard and Orange Grove Boulevard/Holly Street intersections;
- Award a construction contract for the “Detection of Bicycles at Intersections Controlled by Traffic Signals” project;
- Award a construction contract for Intelligent Transportation System (ITS) Phase 1 consisting of TMC Upgrades and Parking Guidance System component;
- Award the fiber optic and signal synchronization portion of ITS Phase 2;
- Implement the Metro Gold Line At-grade crossing improvements which will provide overall reduction in delays caused by train crossings along affected corridors;
- Award the construction of Traffic Mitigation Improvements (Flashing Yellow Arrow left-turn signals near Metro Gold Line Crossing);

CITY OF PASADENA
TRANSPORTATION

- Implement web based options for all parking related matters;
- Enhance focus on recovering outstanding parking citation fines;
- Implement a vehicle immobilization (booting) program for scofflaw enforcement;
- Update parking meters and pay stations to allow integration into the parking management system;
- Update single space parking meters to accept credit cards;
- Implement a shared use metered parking solution for areas that border business districts;
- Implement virtual permit/license plate recognition enforcement functionality;
- Implement an enhanced ADA enforcement program;
- Develop and implement a VIP (volunteers in parking) program; and
- Implement a Parking Ambassador program.

CITY OF PASADENA
TRANSPORTATION

SUMMARY OF APPROPRIATIONS BY EXPENDITURE CATEGORY (\$000)

Expenditure Category	FY2012 Actual	FY2013 Actual	FY2014 Adopted	FY2014 Revised	FY2015 Adopted
Personnel	\$4,824	\$4,528	\$5,409	\$5,409	\$5,569
Services & Supplies	17,560	17,517	17,788	18,879	18,774
Equipment	288	702	0	0	0
Internal Service Charges	1,440	1,593	1,918	1,918	1,670
Principal & Interest	1,568	1,712	1,534	3,514	1,159
Transfers Out	1,832	2,363	2,208	2,296	2,960
Other Expenses	1,676	1,706	1,753	1,753	1,794
Transportation Total	\$29,188	\$30,121	\$30,610	\$33,769	\$31,926

SUMMARY OF APPROPRIATIONS BY DIVISION (\$000)

Division	FY2012 Actual	FY2013 Actual	FY2014 Adopted	FY2014 Revised	FY2015 Adopted
Administration Services	\$1,493	\$880	\$974	\$974	\$1,732
Complete Streets	617	457	416	416	636
Traffic Engineering & Operations	1,450	1,547	2,312	2,312	2,161
Parking Enforcement	17,155	18,650	16,754	19,429	17,714
Transit Planning & Operations	8,473	8,587	10,154	10,638	9,683
Transportation Total	\$29,188	\$30,121	\$30,610	\$33,769	\$31,926

SUMMARY OF APPROPRIATIONS BY FUND (\$000)

Fund	FY2012 Actual	FY2013 Actual	FY2014 Adopted	FY2014 Revised	FY2015 Adopted
101-General Fund	\$4,964	\$4,305	\$4,496	\$4,496	\$5,277
102-Parking Operations Fund	685	738	441	441	29
106-New Years Day Genl Fund Events	8	5	21	21	21
208-Transportation Sales Tax Fund	2,373	2,548	2,949	2,949	3,116
209-Proposition C Local Transit Fd	4,390	4,240	5,374	6,009	5,692
213-Old Pasadena Parking Meter Fd	1,466	1,638	1,448	1,467	1,608
214-Civic Center Parking Meter Fd	482	745	479	753	506
216-Air Quality Improvement Fund	0	0	0	0	100
217-South Lake Parking Operating Fd	536	371	303	303	348
225-West Gateway Parking Meter Fd	287	269	174	174	10
229-Playhouse Parking Fund	387	451	201	266	511
232-South Lake Parking Meter Zone	73	88	104	339	167
236-Measure R Transportation Fd	1,369	1,413	1,416	1,266	774
301-Project Management Fund	1,797	5,257	507	507	516
313-Traffic Reduction Trans Improv	0	0	0	0	700
405-Plaza Las Fuentes Parking Fund	2,167	2,440	0	0	0
407-Off Street Parking Facilities Fund	4,841	5,649	12,697	14,778	12,551
409-Paseo Colo Parking Structures	4,771	4,823	0	0	0
415-DelMar GoldLine Parking Garage	389	398	0	0	0
Capital Reconciliation	(1,797)	(5,257)	0	0	0
Transportation Total	\$29,188	\$30,121	\$30,610	\$33,769	\$31,926

CITY OF PASADENA
TRANSPORTATION

SUMMARY OF FY 2015 CAPITAL EXPENDITURES (\$000)

	FY2012 Actual	FY2013 Actual	FY2014 Adopted	FY2014 Revised	FY2015 Adopted
Transportation Total					\$8,320

SUMMARY OF FTES BY DIVISION

Division	FY2012 Actual	FY2013 Actual	FY2014 Adopted	FY2014 Revised	FY2015 Adopted
Administration Services	7.00	4.14	5.05	5.05	5.35
Complete Streets	4.87	2.40	2.40	2.40	3.57
Traffic Engineering & Operations	11.13	11.65	12.10	12.10	10.83
Parking Enforcement	13.00	14.34	16.10	16.10	20.10
Transit Planning & Operations	9.00	12.47	12.35	12.35	10.15
Transportation Total	45.00	45.00	48.00	48.00	50.00

CITY OF PASADENA
TRANSPORTATION

PERFORMANCE MEASURES	FY 2013 Actual	FY 2014 Target	FY 2014 Mid-Yr Actual	FY 2015 Target
Council Goals: To increase conservation and sustainability and to improve mobility and accessibility throughout the City.				
Objective A: To provide courteous and productive transit service to Pasadena residents and visitors.				
1. Percentage of favorable Passenger Relations Ratings as monitored by the Mystery Rider Program.*	95%	97%	No Data ¹	97%
2. System wide average passengers per hour	27.4	30	25.5 *	27
<i>Notes: *The Mystery Rider Program is conducted by a 3rd party contractor. There is no data for this measurement in FY14. The Mystery Rider Program which provides this data is currently on hold.</i>				
<i>1. FY14 system wide passengers per hour average drop is attributed to the increase in hours on Route 20, despite the nearly 11.6% increase in ridership on Route 20 and 3.7% system wide ridership increase.</i>				
Objective B: To reduce automobile travel and encourage other modes of transportation throughout the City.				
1. Percentage of Commute Surveys completed.	95%	95%	95%	95%
2. Average Vehicle Ridership for City Yards	1.75	1.7	1.7	2.0
3. Average Vehicle Ridership for Civic Center	2.10	2.05	2.05	2.10
4. Organize and conduct Pasadena Transportation Management Association meetings.	4	6	2	4
5. Review and approve annual Transportation Demand Management Plans for sites regulated by the City's Trip Reduction Ordinance.	54	53	26	53
<i>Note: As an employer with more than 250 employees, the City is mandated to achieve a 1.5 AVR through the provision of rideshare incentives.</i>				
Objective C: To reduce the impacts of developments on citywide traffic circulation.				
1. Complete the review of traffic studies within 60 days after the acceptance and payment of review fees by the applicant.	100%	100%	100%	100%
2. Complete the review of PPRs by due date set by Planning Department.	100%	100%	100%	100%
3. Complete the review of construction plans by due date set by Building & Safety.	100%	100%	100%	100%
Objective D: To maintain travel time performance along major arterials, to monitor network and to educate stakeholders.				
1. Synchronize traffic signals along mobility corridors.	25	20	10 *	20

*Note: *In the latter half of FY 2013, planned work for the Traffic Light Synchronization Program (TLSP) along six (6) Corridors; Hill Avenue, Orange Grove Blvd., Sierra Madre Blvd., California Blvd., Del Mar Blvd. and Los Robles Avenue will be completed, resulting in an estimated 104 synchronized traffic signals.*

CITY OF PASADENA
TRANSPORTATION

PERFORMANCE MEASURES	FY 2013 Actual	FY 2014 Target	FY 2014 Mid-Yr Actual	FY 2015 Target
Objective E: To maintain adequate and compliant parking throughout neighborhoods and business districts.				
1. Proactively expend 25% of billable enforcement hours addressing quality of life issues in residential neighborhoods.	75%	75%	75%	75%
2. Complete initial reviews for citation appeals within 3 weeks.	40%	90%	65%	90%

Objective F: To maintain vehicle turnover and maximize revenue collection at City parking meters.

1. Reduce expenses associated with meter repairs and maintenance from previous fiscal year.	33%	20%	28%	20%
2. Repair reported broken parking meters within 24 hours.	100%	100%	100%	100%

Note: Many of the older meters are failing at an increasing rate creating significant expense and maintenance challenges.

Objective G: Promote public transit for enhanced access to jobs.

1. Route 20 passengers percent (%) increase in ridership	---	8%	11.61%	17%
--	-----	----	--------	-----

Note: The Jobs Access and Reverse Commute (JARC) grant is funding additional service on the Route 20; a component of this grant is promotion of this service through marketing and outreach. FY 2013 served as the base year for measuring change in ridership. This was a new metric starting in 2014.

Objective H: To provide timely responses to citizens' requests for traffic control devices.

1. Complete Traffic Investigations within 7 weeks or less.	87%	90%	81%	90%
--	-----	-----	-----	-----

Note: Through mid-year FY2013, 146 Traffic Investigations were logged in and 118 were completed within 7 weeks (81%).

Objective I: Public transit on-time performance.

1. ARTS on-time performance	---	80%	80.49%	85%
2. Dial-A-Ride on-time performance	---	90%	90.50%	90%

Notes: ARTS fixed-route on-time performance is defined as "on time" when a bus departs from a Time Point within 0-5 minutes of the time identified on the published route schedules. Standard industry on-time performance is 80%. This was a new metric starting in 2014. The on-time performance measure per our contract effective in FY 2015 is 85%.

Notes: Dial-A-Ride on time performance is defined as the Dial-A-Ride vehicle arriving within the 20-minute pick-up window (i.e., 5 minutes before the scheduled pick-up time to 15 minutes after the scheduled pick-up time), which is a standard industry practice. The City's transit services contractor provides details for on time performance for certain dates in every monthly report submitted. This was a new metric starting in 2014. The on-time performance measure per our contract is 90% (this is a maximum standard that should be required contractually; otherwise the passengers per revenue hour will be negatively impacted).