

June 27, 2011

TO: The Honorable Mayor and City Council Members of the City of Pasadena

FROM: Michael J. Beck, City Manager

SUBJECT: Fiscal Year 2012 to 2016 Capital Improvement Program

It is my pleasure to present to you the Recommended FY 2012 to 2016 Capital Improvement Program (CIP). The CIP is a compilation of infrastructure and major maintenance projects designed to preserve the foundation of this great city. This five-year plan contains 207 active projects with a total estimated cost of \$955,563,354. In FY 2012, \$154,606,400 is recommended for appropriation to 88 projects. Thirteen new projects were created.

The Capital Improvement Program document has a "Future Projects" section at the back. This section identifies 115 projects with a total estimated project cost of \$335,498,527. These projects are infrastructure needs within the City which are not part of the five-year CIP funding plan. Identifying these projects as part of the program, allows staff to pursue funding opportunities when and if they become available.

BUDGET PRIORITIES

The City Council's Strategic Plan Goals guided the development of the CIP and are reflected in its budget principles. These goals are to:

- ➤ Maintain fiscal responsibility and stability
- > Improve, maintain and enhance public facilities and infrastructure
- > Increase conservation and sustainability

- ➤ Improve mobility and accessibility throughout the City of Pasadena
- > Support and promote the quality of life and the local economy
- > Ensure public safety

In addition, the following priorities are used when identifying and creating projects and recommending funding:

- The project is needed to address a particular safety concern;
- > The project is necessary because existing maintenance efforts are no longer satisfactory and repairing exceeds the replacement cost; and
- An existing facility or system is no longer adequate to meet the demand.

CHALLENGES FACING THIS BUDGET

This year in particular, we faced three challenges as we prepared this budget:

- ➤ Limited/reduced funding;
- > Staff reductions; and
- > Aging infrastructure

It is important to note that the State budget crisis continues to impact Pasadena's CIP with the potential elimination of redevelopment agencies. This budget contains recommended appropriations of \$1,328,885 to three projects -- \$78,885 to the "Pasadena Wayfinding System"; \$1,000,000 to "Central Park – Implement Master Plan" and \$250,000 to "Villa Parke Community Center Boxing Ring and Gymnasium". Without funding from the Pasadena Community Development Commission (PCDC), these projects will be at risk of not being completed.

As will be seen more fully during the operating budget presentation, the City continues to reduce staff to offset rising costs and as part of the 2014 plan to balance the operating budget.

Finally, Pasadena is a relatively old city with aging infrastructure. Much of the water, sewer and storm drain systems were initially installed in the beginning of the last century. On-going replacement and major maintenance is required to prevent catastrophic break downs. It is with this backdrop and under these conditions that the Recommended FY 12 CIP was prepared.

BUDGET HIGHLIGHTS

The following budget highlights demonstrate how the Capital Improvement Program furthers the City Council goals and priorities.

Maintain fiscal responsibility and stability

A significant portion of the funding for the Capital Improvement Program is derived from dedicated funding sources such as grants, federal and state funding (e.g. Federal Surface Transportation Program, MTA Call for Project Grants, Gas Tax, etc.), and local funding such as Residential Impact Fees, Sewer Maintenance and Construction Funds, Undergrounding Surtax, Water, and Power Funds. The program ensures the maintenance and improvement of the City's physical assets for future generations.

Unfortunately, a number of large scale natural disasters have recently occurred throughout the world. Due to the need to rebuild these devastated areas and regions, construction material costs are expected to rise. As bids on projects increase for the City, the number and scope of our projects may need to be reduced.

On a positive note, the City was awarded approximately \$14.9 million for 10 different projects in the 2009 MTA Call for Projects. The funding will be allocated over four fiscal years starting in FY 2011. In FY 2011, \$767,000 was appropriated. In FY 2012, \$1.6 million is recommended for appropriation to the following five projects: "East Colorado Boulevard Specific Plan"; "Fair Oaks/Orange Grove Specific Plan - Phase II"; "Detection of Bicycles at Intersections Controlled by Traffic Signals"; "Pasadena Wayfinding Program"; and "Zero Emission Vehicle Charging Stations".

Additionally, three new CIP projects were awarded a total of \$735,210 in Highway Safety Improvement Program (HSIP) grant funds. The funding will be allocated over two fiscal years starting in FY 2012. These projects include: "Pedestrian Safety Enhancements at Signalized Intersections"; "Left Turn Signal Phasing at Colorado Boulevard and Orange Grove Boulevard and at Orange Grove Boulevard and Holly Street"; and "Traffic Signal Improvements at Pasadena Avenue and Walnut Street".

Improve, maintain and enhance public facilities and infrastructure

A primary focus of the Capital Improvement Program is to improve, maintain and enhance the City's public facilities and infrastructure as reflected in projects contained throughout the thirteen sections of the CIP document.

A few highlights in the FY 2012 budget and workplan include the following capital improvements:

- An existing conditions evaluation and needs analysis of Pasadena's eight fire stations indicated seven of the eight stations need modifications or replacement. Immediate corrective action is recommended for stations 32 and 39. This budget contains an appropriation of \$800,000 for the demolition of Fire Station 32 and the design of a temporary facility to accommodate fire equipment and personnel.
- The "Rose Bowl Renovation Project" began in FY 2011 and in FY 2012 will continue with an appropriation of \$70,000,000 towards a total estimated cost of \$152 million. This project will be completed in three phases over three years and will substantially renovate this historical landmark to ensure it is able to optimize functionality, enhance public safety and fan experience, and stay competitive within the industry;
- ➤ The "Building Preventive Maintenance" project received an allotment of \$1 million to correct building deficiencies;
- > Approximately \$10 million dollars will be appropriated to various water projects;
- > The "Robinson Park Implement Master Plan Phase II" project will receive \$1 million to complete design and a \$6 million Section 108 CDBG Loan is being sought for construction; and
- > Through a private foundation, \$790,000 will be raised and donated to renovate the boxing ring and gymnasium at Villa Parke, requiring the City to contribute only \$250,000 toward this \$1.04 million project.

Increase conservation and sustainability

The Capital Improvement Program adheres to the City's vision for a safe and healthy environment by incorporating environmentally sound standards into all improvements when available. A few of the more notable efforts included in this year's capital program are:

- ➤ The "Preventive Maintenance Asphalt Streets" project will use rubberized asphalt containing recycled tires to repave the streets;
- As street lighting systems are installed and/or replaced as part of "Street Lighting and Electric System Undergrounding" projects, LED street lamps and/or induction lighting will be used. Unlike other lamps such as mercury vapor, high pressure sodium, and incandescent lamps, an LED lamp is mercury-free, has a longer life, and consumes 60 percent less energy; and
- ➤ The "Pasadena Bicycle Program FY 2010 2013" and the "North Marengo Avenue Bicycle Boulevard" projects are designed to improve the mobility of bicycles throughout the city and encourage bicycle use.

Improve mobility and accessibility throughout the City of Pasadena

The capital plan is dedicated to enhancing and improving mobility and accessibility throughout the City. Traffic management remains a key element of the CIP budget. Responses to changing traffic conditions, including signal synchronization, traveler information, and traffic monitoring and control devices are all part of the FY 2012 CIP workplan and can be seen in such projects as "Intelligent Transportation System (ITS) Equipment Upgrades/Replacement", "Intelligent Transportation Project – Phase I", "Intelligent Transportation System (ITS) project – Phase II", "Transportation System Improvements – Lake Avenue from North City Limit to California Boulevard – Phase II", and "Implementation of a Citywide Transportation Performance Monitoring Network – Phase I".

In addition, well maintained streets and roads, bridges, guard rails, storm drains, and bicycle and pedestrian safety projects allow for the safe movement of residents and visitors within our City. In the FY 2012 CIP, over \$6 million is recommended for these types of projects.

Finally, the ability to move through the City without an automobile is emphasized in the FY 2012 CIP program in such projects as the "Pasadena Bicycle Program FY 2010 -2013", "Gold Line Phase 1 – Project Enhancements", "Intelligent Transportation System (ITS) Project – Phase I", "Intelligent Transportation System (ITS) project – Phase II", "Pedestrian Accessibility FY 2011 – 2015", and "Bus Stop Improvement Program" projects. In addition, future projects (currently unfunded) such as various ARTS bus projects and various intersection improvements projects also address the need for improved mobility. Although funding has not currently been identified for these projects, the need has been recognized and staff is actively looking for funding opportunities through various grant programs. These projects will commence once funding is identified.

Support and promote the quality of life and the local economy

A large focus of the CIP process is on improving the quality of life in Pasadena. This is done in a variety of ways. All of the safety issues, preventive maintenance efforts, as well as the projects within the various specific and streetscape plans, park improvement projects, and efforts to improve landmarks such as the Pasadena Center and Rose Bowl make Pasadena a desirable place to live. Most notable as part of the FY 2012 capital plan, is the \$152 million "Rose Bowl Renovation Project". In addition, over \$3.1 million is recommended to fund improvements to various City park projects including those in the Arroyo.

To maintain the quality of life in Pasadena, the City strives to balance neighborhood needs with traffic and development mitigation. Each year, the CIP program funds the "Neighborhood Traffic Management" and "Mobility Corridor Improvements" projects. These projects emphasize the creation of viable options to reduce traffic on residential streets and move this traffic to mobility corridors. Staff

must work with neighborhood residents to develop plans that meet individual neighborhoods' needs. In FY 2012, \$200,000 is allocated to these two projects.

The FY 2012–2016 CIP also contains specific plans and streetscape projects that help promote a diverse economic base. This encourages job retention and the creation of job opportunities for residents while encouraging a business climate that contributes to the City's economic vitality. The specific plans and streetscape projects are all found in the *Streets and Streetscape* section of the CIP and are as follows:

- > Old Pasadena Streetscapes and Alley Walkway Improvements
- ➤ Fair Oaks/Orange Grove Specific Plan Transportation Issues Phase II
- > East Colorado Boulevard Specific Plan
- ➤ Civic Center/Mid-Town Public Improvements and Related Components Phase I
- South Lake Streetscapes Improvements Phase I

In FY 2012, just over \$1.5 million is recommended for appropriation to the "Fair Oaks/Orange Grove Specific Plan – Transportation Issues – Phase II" and "East Colorado Boulevard Specific Plan" projects. All of this funding comes from State grants awarded through two separate Metro Call for Projects cycles.

Finally, it is important to note that as part of the City's ongoing commitment to enhancing the quality of life and the local economy throughout the City, the CIP notes all projects located in northwest Pasadena. The northwest area of Pasadena is home to over 50,000 residents and 1,000 businesses. This diverse community continues to experience successful economic revitalization and rebirth with recent development projects. The La Pintoresca Teen Center opened in FY 2011, a new boxing ring and weight room will be completed at Villa Park in FY 2012, design will begin of Phase II of the Robinson Park Master Plan, and undergrounding of the electric utilities will be completed on Los Robles Ave. between Washington Blvd. and the north city limits. There are currently 46 existing CIP projects located partially or completely in northwest Pasadena with nearly \$5.8 million earmarked for appropriation in FY 2012. There are also an additional 13 future unfunded projects located partially or completely in the northwest area.

Ensure public safety

The number one criteria used when developing CIP projects is public safety. As project ideas are submitted and reviewed for inclusion in the CIP, the highest priority is given to those that will ensure safety. Public safety elements can be found incorporated throughout the Capital Improvement Program and can be seen in a wide array of projects. From proper maintenance and repairs of buildings, roads, and bridges, potential structural hazards to the public are minimized. Public safety is also enhanced through a variety of improvements

and projects in the "Transportation and Parking Facilities" section. Traffic mitigation measures help to reduce the number of traffic accidents and injuries to both drivers and pedestrians alike.

Some examples of projects that enhance public safety include:

- ➤ Based on their collision history, improvements will begin on three intersections warranting upgrades. They are included in the "Left Turn Signal Phasing at Colorado Blvd. and Orange Grove Blvd. and at Orange Grove Blvd and Holly St." and "Traffic Signal Improvements at Pasadena Ave. and Walnut St." projects.
- The "North Marengo Avenue Bicycle Boulevard" project will be completed in FY 2012, providing a safe route for bicycles traveling north/south through the City.
- ➤ In FY 2012, ADA improvements will be completed at the Holly, Paseo Colorado, and Del Mar Station parking structures. These improvements will increase the safety and accessibility for residents and visitors alike.
- In FY 2012 security lighting will be installed in five parks (Washington, La Pintoresca, Brenner, McDonald and Eaton-Blanche) and will begin at Defenders Park thereby enhancing visibility and providing a higher level of security to our park patrons.

CONCLUSION

The recommended fiscal year 2012 Capital Improvement Program represents the City Council's commitment to maintaining and improving the City's infrastructure to preserve the quality of life in Pasadena. This program has been carefully crafted to forward the City Council's goals. The fiscal year 2012 CIP is a testament to the City's continuous effort to improve the way city government does business and to assure that Pasadena continues to be a World Class City.

Respectfully Submitted,

MICHAEL J. BECK

City Manager