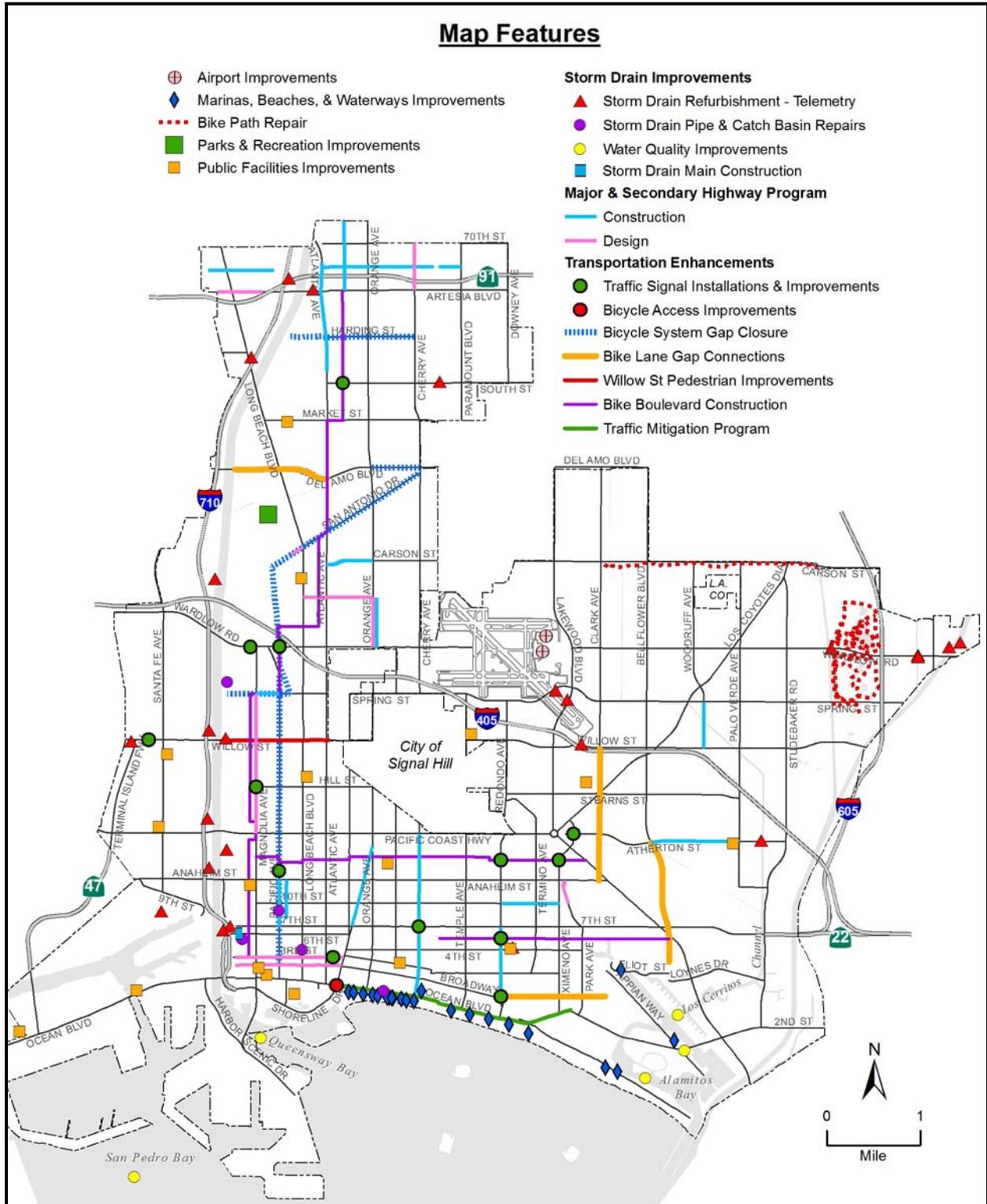


Fiscal Year 2013 Capital Improvement Program (CIP)

Capital Program Overview



Fiscal Year 2013 Capital Improvement Program (CIP)

PURPOSE:

To provide a comprehensive program of planning, design, construction, maintenance, and repair of City facilities and infrastructure.

BUDGET PROCESS

The Fiscal Year 2013 (FY13) Capital Improvement Program (CIP) was organized and compiled by the Director of Public Works with the support and input from various Departments. The staff worked together to carefully review the City's capital needs and to prioritize project submittals based on the following criteria:

- Meets health, safety and legal concerns and mandates
- Prolongs the life of City assets or avoids/minimizes future repair costs
- Complies with the goals of the Financial Strategic Plan
- Generates operating savings or increases productivity
- Secures future funds through program planning
- The level of urgency associated with a project

The CIP identifies and provides for two types of expenditures. The first covers strategic capital investment in the City's infrastructure including major enhancements and repairs to the Airport, parks, City buildings, marinas, beaches, traffic signals, storm drains, sidewalks, bus stops, fuel storage facilities, bridges and roadways, and Americans with Disabilities Act (ADA) upgrades. The second type involves one-time projects designed to address important community needs.

BUDGET HIGHLIGHTS

The economic vitality and quality of life in the community is enhanced through CIP projects. Capital improvements require a major initial investment, a significant and continuing financial commitment for maintenance and, eventually, replacement. The following pages provide a summary of each section with a dollar amount that represents new funding for FY 13:

- Airport Projects
- Gas and Oil Projects
- Marinas, Beaches & Waterways Projects
- Parks and Recreation Projects
- Public Facilities Projects
- Storm Drains Projects
- Street Rehabilitation Projects
- Transportation Enhancements Projects
- Harbor Department Projects
- Water Department Projects

Fiscal Year 2013 Capital Improvement Program (CIP)

ALLOCATION PLAN

| | FY 12 Estimated | Adopted FY 13 |
|--|--------------------------|--------------------------|
| Sources: * | | |
| Airport Fund | \$37,334,794 | \$3,450,000 |
| Capital Projects Fund | 16,486,296 | 10,822,000 |
| Civic Center Fund | 1,055,107 | 625,000 |
| Fleet Services Fund | 275,000 | 560,000 |
| Gas Fund | 12,880,619 | 8,050,000 |
| Gasoline Tax Street Improvement Fund | 10,119,938 | 7,400,000 |
| Marina Fund | 27,282,270 | 0 |
| Queen Mary Fund | 22,372 | 1,400,000 |
| Special Assessment District Capital Projects | 705,311 | 0 |
| Special Revenue General Grants Fund | 230,000 | 0 |
| Tidelands Operations Fund | 12,050,332 | 14,300,000 |
| Transportation Fund | 11,652,630 | 9,900,000 |
| Subtotal | \$130,094,667 | \$56,507,000 |
| Harbor | \$417,652,851 | \$722,280,061 |
| Water Utility | 14,052,900 | 13,571,800 |
| Sewer | 6,486,500 | 5,532,700 |
| Subtotal | \$20,539,400 | \$19,104,500 |
| Grand Total | \$568,286,919 | \$797,891,561 |
| Uses: | | |
| Airport | \$37,334,794 | \$3,450,000 |
| Long Beach Gas and Oil | 12,880,619 | 8,050,000 |
| Marinas, Beaches and Waterways | 35,784,440 | 8,800,000 |
| Parks and Recreation | 3,887,002 | 1,100,000 |
| Public Facilities | 7,837,532 | 8,485,000 |
| Storm Drains | 1,124,793 | 1,900,000 |
| Street Rehabilitation | 24,292,824 | 22,325,000 |
| Transportation Enhancements | 6,952,663 | 2,397,000 |
| Subtotal | \$130,094,667 | \$56,507,000 |
| Harbor | \$417,652,851 | \$722,280,061 |
| Water Utility | 14,052,900 | 13,571,800 |
| Sewer | 6,486,500 | 5,532,700 |
| Subtotal | \$20,539,400 | \$19,104,500 |
| Grand Total | \$568,286,918 | \$797,891,561 |

* Each fund draws from various sources such as fees and grants. Funding sources for the Capital Projects Fund may include, but are not limited to:

County Park Bonds, County Grants, Developer Fees, Federal Grants, General Fund, Lease Revenue Bonds, Measure D Oil Revenue, Park Impact Fees, State Grants, Traffic Mitigation Program, Transportation Development Act-SB821, Uplands Oil Fund.

Fiscal Year 2013 Capital Improvement Program (CIP)

Airport Projects

The Long Beach Airport Department serves 3 million passengers each year and offers a variety of services to airlines, commercial and general aviation users, as well as the general public, providing direct and indirect economic benefits to both the City and the region. Funding for Airport Capital Improvement Projects comes from several sources including Federal Aviation Administration (FAA) Airport Improvement Program grants (AIP), Passenger Facility Charges (PFC), Customer Facility Charges (CFC), Airport fees and facility charges, and bond sale proceeds. The basis for Airport capital projects is the safety and security of the general public, FAA and Transportation Security Administration (TSA) mandates and operational improvements.

Planned projects in FY13 include a consolidated rental car facility and mechanical and electrical system improvements for the airport terminal area. Phase III of the air carrier ramp reconstruction and Phase I terminal area improvements including permanent hold rooms; consolidated passenger screening checkpoint and enhanced concessions previously funded will be completed in FY 13. Funding for the new parking structure and the terminal area improvement project comes from General Airport Revenue Bonds (GARBs), a portion of whose debt service is paid for with PFCs. The consolidated rental car facility will be funded by CFCs without the issuance of debt.

| Project Title | Adopted FY 13 |
|------------------------------------|--------------------------|
| Airfield Pavement Rehabilitation | \$350,000 |
| Airport Terminal Area Improvements | \$3,100,000 |
| Total Airport Projects | \$3,450,000 |

Gas and Oil Department Projects

The Long Beach Gas & Oil (LBGO) Department oversees 1,900 miles of natural gas pipeline serving 145,000 customer accounts in both Long Beach and Signal Hill. All operations are conducted in strict compliance of U.S. Department of Transportation's (DOT) pipeline regulations, CFR 49 part 190-199. To ensure safe delivery of natural gas to its customers, LBGO is engaged in a long-term pipeline infrastructure replacement program focusing on upgrading pipe (60+ years old) and pipe that shows evidence of deterioration. LBGO also takes a system-wide approach when designing CIP projects, helping to improve the delivery of gas to its customers. As an example, LBGO is in the process of establishing a 40-pound pressure standard throughout the system, which will replace the original 12 pressure sectors. The integrated plan of pressure-consistency, along with replacement of aging infrastructure and corrosion control practices will enhance system integrity, improve reliable delivery, increase gas storage within the distribution system, and reduce potential flow constraints.

Since 2004, approximately 600,000 feet of pre-1955 main pipeline has been replaced and upgraded within the system. In FY 13, LBGO is planning to address another 105,000 feet of main pipe, 3,000 services and 4 emergency shut-off valves. In addition, a key project in the Port will be close to completion by the end of FY 13, which involves the relocation of a 16-inch main pipeline to accommodate the reconstruction of the Gerald Desmond Bridge.

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| Project Title | Adopted FY 13 |
|--|--------------------------|
| Facility Work | \$500,000 |
| Gas Control/Cathodic Protection | \$250,000 |
| Gas Meter Replacement Program | \$700,000 |
| Main Pipeline Replacement | \$5,500,000 |
| Service Pipeline Replacement | \$1,100,000 |
| Total Long Beach Gas and Oil Projects | \$8,050,000 |

Marinas, Beaches & Waterways Projects

Two of the many assets that make Long Beach unique are its beaches and marinas. These City operated and maintained resources provide recreational enjoyment to both residents and tourists. In FY12, a number of infrastructure improvements were made. The Belmont Plaza Pool had major repairs made to its piping and circulation. The long-awaited Alamitos Bay Marina Rebuild broke ground and began construction on Basin 4. Several beach restrooms began the design and permitting phase, along with the Leeway Sailing Center, and the new beach pedestrian path.

In FY13, improvements include building and renovating beach restrooms, replacing access stairways, upgrading beach parking lots, and improving beach bicycle access. Additionally, the Alamitos Bay Marina Rebuild is anticipated to continue in phases as funding is identified and secured.

| Project Title | Adopted FY 13 |
|---|--------------------------|
| Beach Parking Lots Rehabilitation | \$1,450,000 |
| Beach Restroom Replacement | \$1,450,000 |
| Beach Stairway Replacement | \$700,000 |
| Belmont Pool and Pier Improvements | \$4,300,000 |
| Bluff Erosion Control | \$900,000 |
| Total Marinas, Beaches, & Waterways Projects | \$8,800,000 |

Parks and Recreation Projects

Parks located throughout the City provide recreational amenities and open space to enhance the environment and provide leisure opportunities to meet the needs and interests of residents. There is a constant effort to address aging park facilities throughout the City.

During this past year, construction commenced on Baker Street Mini Park and Colorado Lagoon dredging. Construction was completed at 14th Street basketball courts, Orizaba Park expansion, and McBride Skate Park and Teen Center. Additionally, design is underway for the new Orizaba Community Center. Grants were received for construction of a new park at 7th Street and MLK Jr. Avenue and new soccer fields at Drake Chavez Greenbelt. FY 13 funded projects include replacing park bike paths and repairs to Rancho Los Cerritos facilities.

Fiscal Year 2013 Capital Improvement Program (CIP)

| Project Title | Adopted FY 13 |
|--|--------------------------|
| Park Bike Path Replacement | \$100,000 |
| Rancho Los Cerritos | \$1,000,000 |
| Total Parks and Recreation Projects | \$1,100,000 |

Public Facilities Projects

Long deferred critical repairs are required to sustain the integrity of various health, library, fire station, police station, Civic Center and other key facilities. A facility assessment performed in FY07 evaluated the condition of 132 structures totaling 1,916,769 square feet. The assessment identified deficiencies in each facility and provided cost estimates to perform repairs required to maintain each facility in an efficient and reliable operating condition. In FY 13, Civic Center funding will address some deficiencies in City Hall and the Civic Center Complex. Such project allocations include upgrading the halon panels in the telephone room and data center, replacing variable frequency speed drives in the cooling towers, cleaning air ducts, and replacing floor tiles in the lower level of City Hall. Also included in some of the improvements are replacing the water detection system in the data center and recalibrating energy systems in City Hall to maximize efficiency. Fire stations and improvements for gender equity facilities will be constructed.

The Convention Center's FY13 capital project improvements completes the transformation of the arena into a ballroom facility, renovation of the arena's restroom and restaurant facilities, and enhances the arena lobby area and Light-Emitting Diode (LED) lighting. These improvements, funded by Measure D Oil Revenue, will increase the Center's marketability while maintaining this important City asset. The Fleet Services Bureau will continue to upgrade regional fuel storage sites and install a service bay heating system.

| Project Title | Adopted FY 13 |
|---|--------------------------|
| Civic Center Complex Improvements | \$625,000 |
| Convention Center Complex Refurbishment | \$3,900,000 |
| Fire Department Station Upgrades | \$1,800,000 |
| Levitt Pavilion Feasibility Study | \$200,000 |
| Queen Mary Fire Alarm System | \$1,400,000 |
| Regional Fuel Storage | \$300,000 |
| Temple/ Willow Facilities | \$260,000 |
| Total Public Facilities Projects | \$8,485,000 |

Storm Drains Projects

The Public Works Department is responsible for stormwater related Capital Improvement Projects and storm drain system maintenance. This work includes pump station repair, telemetry monitoring, and system improvements for all 23 City owned pump stations that are essential to the protection of property during storm events. Portions of the storm drain system remain deficient in capacity and the City continues to design and construct upgrades to these undersized storm drains as funding becomes available.

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The Long Beach Storm Water Management Program (LBSWMP) is now beginning its 12th year and continues to be fully implemented in compliance with its National Pollutant Discharge Elimination System (NPDES) permit, the Federal Clean Water Act (CWA) and subsequent CWA amendments, all of which were adopted to protect receiving waters such as rivers, lakes, and oceans from contamination by preventing pollutants from entering Municipal Separate Storm Sewer Systems (MS4s). Projects to maintain compliance with these permits include repair and upgrade storm water pumps at various locations in accordance with AQMD regulations. Upcoming projects will install and upgrade telemetry systems, Los Cerritos Channel water quality improvements, Appian Way low-flow diversion, and construction of various citywide storm drain enhancements. These projects will facilitate water quality improvements.

| Project Title | Adopted FY 13 |
|---|--------------------------|
| Storm Drain Pump Station Repair & Certification | \$600,000 |
| Storm Drain Refurbishment - Telemetry | 100,000 |
| Storm Drain System & Water Quality Improvements | 1,200,000 |
| Total Storm Drains Projects | \$1,900,000 |

Street Rehabilitation Projects

Preserving our neighborhoods is a key element in the Long Beach Strategic Plan. The City's Street Rehabilitation program is designed to meet that goal. The program delivers improvements including, but not limited to, reconstruction and resurfacing of major, secondary, and residential streets, repair of neighborhood sidewalks, access ramps, curbs, and gutters, and rehabilitation of bridges to repair deficiencies identified by the annual Los Angeles County bridge inspection report. The major funding sources include Gas Tax Street Improvement Capital, County Proposition C, County Measure R, and General Fund.

| Project Title | Adopted FY 13 |
|--|--------------------------|
| ADA Response Program | 500,000 |
| Bridge Rehabilitation & Seismic Retrofit | 500,000 |
| Citywide Infrastructure Improvements (Sidewalks) | 2,900,000 |
| Citywide Residential Street Repair | 6,525,000 |
| Citywide Slurry Seal Program | 2,000,000 |
| Major and Secondary Highway Program | \$9,900,000 |
| Total Street Rehabilitation Projects | \$22,325,000 |

Transportation Enhancement Projects

This section contains programs designed to meet increased needs for mobility resulting from economic growth utilizing a combination of funds. These funds include Proposition C, Gas Tax Street Improvement Capital, Capital Projects, Transportation Improvement Fees, and Federal and County grants. The transportation improvements include street and intersection widening, traffic signal system expansion and upgrades, transit improvements, neighborhood traffic management, bike lanes, and bike paths. This section also includes programs that monitor and evaluate traffic congestion areas throughout the City and responds with projects to relieve congestion or enhance traffic safety.

| Project Title | Adopted FY 13 |
|---|--------------------------|
| Sustainable Transportation Improvements | \$597,000 |

Fiscal Year 2013 Capital Improvement Program (CIP)

| | |
|------------------------------|-----------|
| Traffic Mitigation Program | 600,000 |
| Traffic & Pedestrian Signals | 1,200,000 |

Total Transportation Enhancements Projects **\$2,397,000**

Harbor Department Projects

In FY 13, the Harbor Department's (Port's) projected capital program of over \$720 million demonstrates its commitment to bold and innovative investment for the future while maintaining its commitment to moving cargo in the most effective, technologically advanced, and sustainable manner.

During FY13, the Port will continue to build upon its successes, while supporting the City's goal of being a significant economic engine for its residents and the region. The Department's plan to invest \$4.4 billion over the next ten years will stimulate the local economy by creating thousands of direct construction jobs, along with indirect services and other commercial opportunities. Significant projects planned for FY 13 include \$261.2 million for the Middle Harbor Redevelopment Project, \$193.4 million for the Gerald Desmond Bridge Replacement Project, \$86.3 million allocated to various environmental projects including four separate shore-to-ship power projects, and \$47.8 million for the Pier G Terminal Redevelopment Project.

| Project Title | Adopted FY 13 |
|--|----------------------|
| Major Projects | |
| Terminal Expansion and Development | |
| Pier D/E/F (Middle Harbor) | \$261,208,000 |
| Pier G | 47,802,000 |
| Pier S | 438,761 |
| Peir T | 250,000 |
| Black Channel Navigation | 3,174,000 |
| Total Terminals Expansion and Development | \$312,872,761 |
| Streets, Bridges, and Railways | |
| Rail Projects | 27,420,000 |
| Gerald Desmond Bridge Replacement | 193,400,000 |
| Other Streets and Bridges | 12,600,000 |
| Total Streets, Bridges, and Railways | \$233,420,000 |
| Total Major Projects | \$546,292,761 |
| Miscellaneous | |
| Environmental Projects/Shore to Ship Power | \$86,314,000 |
| Security Projects | 11,060,000 |
| Eng Misc Projects/Port Infrastructure | 53,938,300 |
| Fire Station/Fire Boat Replacements | 22,800,000 |
| Furniture, Fixtures, and Equipment | 1,875,000 |
| Total Miscellaneous Project | \$175,987,300 |
| Total Land Acquisitions/Mitigation | \$0 |
| Total Harbor Department Expenditures | \$722,280,061 |

Fiscal Year 2013 Capital Improvement Program (CIP)

Water Department Projects

Planned capital improvements to the City's water and sewer system encompass a wide range of projects. The Water Department will continue replacing cast iron water mains, as some are approaching the end of their useful life, with more durable ductile iron pipes. In addition, the Department is continuing with its reclaimed water system expansion, well development and rehabilitation projects, and ocean desalination research and development.

The Sewer CIP budget reflects a significantly increased investment in infrastructure, as the Department moves forward with a five year programmatic CIP based on an updated Sewer Master Plan.

| Project Title | Adopted FY 13 |
|---|--------------------------|
| Potable Water | |
| Facility Upgrade | \$530,500 |
| Cast Iron Main Replacement – Water Department | 4,461,300 |
| Cast Iron Main Replacement – Contractors | 737,000 |
| Facility Improvement | 200,000 |
| Preventive Maintenance | 420,000 |
| Water Distribution System Improvements | 983,400 |
| Water Resources/Facility Improvements - Regular | 5,819,100 |
| Water Resources/ Facility Improvements - Desalination | 120,000 |
| Total Potable Water | 13,271,800 |
| Reclaimed Water | |
| Reclaimed Water System Expansion | 300,000 |
| Total Reclaimed Water | 300,000 |
| Total Water Fund | 13,571,800 |
| Sanitary Sewer | |
| Sewer Collection System | 5,532,700 |
| Total Sewer Fund | 5,532,700 |
| Total Water Department Projects | \$19,104,500 |

