

City of Long Beach

Capital Improvement Plan 2017/2018 Capital Budget & 2017/2018 – 2021/2022 Capital Improvement Plan



Prepared By:

Department of Public Works

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OFFICE OF THE COMMISSIONER
CITY OF LONG BEACH
DEPARTMENT OF PUBLIC WORKS

CITY MANAGER JACK SCHNIRMAN:

Attached for your consideration is the 2017/2018 Capital Program and the 2017/2018 through 2021/2022 Capital Improvement Plan. This will be my first Capital Plan as your Public Works Commissioner. This plan continues to move the City forward with respect to our infrastructure and our resiliency. In keeping with the City Councils vision, the Department of Public Works collective goal is to continue building stronger, smarter, and safer.

I am proud that several projects from the previous Capital Program have been successfully completed. Highlights from the 2016/17 plan include Reconstruction of the Ice Arena and Clark Street Playground, Reconstruction of Forester Street (Chester to Pine), Reconstruction of Harding (Walnut to Broadway), Rehabilitation of the Sand Filters at the Wastewater Treatment Plant, and Construction of a De-Chlorination Facility at the Wastewater Treatment Plant.

In addition, the long awaited Army Corp. of Engineers Beach Project commenced in April 2017. The first phase of this project is the rehabilitation of fifteen (15) groins in the City of Long Beach. The second phase includes beach nourishment and the construction of dunes. The entire project is projected to be completed in thirty six (36) months.

Moving forward there are many exciting projects on the horizon. The Northshore Critical Infrastructure Protection Project is scheduled to start this year. The City, utilizing twenty (20) million in FEMA 404 Hazard Mitigation funding, will be erecting shoreline and flood protection along the Reynolds Channel waterfront from Monroe Blvd. to Veterans Memorial Park. New York Rising Community Reconstruction Funds will be utilized to implement disaster recovery projects as well. These projects include establishing an Office of Emergency Management, Bulkheading on the Northshore, and Drainage Improvements at various locations throughout the City.

I am very thankful for the opportunity to be part of the management team rebuilding Long Beach. While I am joining this team well into the rebuilding, I look forward to making an incremental improvement. I have inherited a very capable staff. In particular, I need to point out the dedication and hard work of my Deputy Commissioner, Joseph Febrizio. To jump into the middle of this fiscal year without his assistance would have been impossible.

Therefore, this Capital Plan/Program continues to aggressively lay the groundwork for a better Long Beach today and tomorrow.

Thank you for your consideration.

John A. Mirando, P.E.

Introduction

The 2017/2018 Capital Budget and 2017/2018 to 2021/2022 Capital Improvement Plan advance projects that improve the health, safety, and quality of life of City residents. Additionally, the projects address issues in a priority order, making our Government more efficient and responsive. Projects within this year's plan include a continued commitment to our roads, and buildings, much needed technology upgrades, park improvements, and public safety improvements. Additionally, an effort has been made to develop a fleet replacement schedule which provides for replacing equipment that exceeds its useful life thereby reducing equipment maintenance cost, vehicle down time, and avoidance of overtime to compensate for that down time.

An annual Capital Budget and Plan is required by Article 6, Section 101-d of the City Charter. The purpose of this document is to present the needs identified by the City Manager to the citizens and the City Council.

How Projects Were Selected

Projects included in the 2017/2018 Capital Budget and the 2017/2018 to 2021/2022 Capital Improvement Plan were selected by looking at various components and measures to make sure priorities were addressed in the proper fashion. The methods used were the following:

- Visual inspection
- Consultation and review with other Commissioners, Department Heads, Division Heads, Superintendents, and Chief Plant Operators.
- Discussions with relevant DPW staff
- Priorities identified throughout the previous year
- Projects that have completed the design phase
- Needs and mandates identified by other municipal agencies, i.e. NYSDEC, NCDOH, etc.
- Projects that were identified in previous Capital Plans
- Superstorm Sandy Recovery Projects
- Grant funded projects.

Correcting infrastructure issues in a timely fashion and having proper maintenance procedures in place are crucial for the City. Protecting the health and safety of our residents is our top priority, and neglecting the City's critical needs only costs the City more money in the long run. By assembling a responsible plan that addresses our needs rather than our wants, this administration is continuing its record of putting residents first and garnering results on their behalf.

Highlights of the 2017/2018 Program

In 2016/2017 the Capital Budget called for 7.44 million in General Fund capital projects. In total, One hundred and ten (110) projects were proposed in that plan. To date, seventy one (71) of these projects have been either initiated or completed. The remaining will commence in 2017/2018. Each year we show results with our plan.

Our 2017/2018 program calls for \$6.2 million in General Fund projects, with another \$5.5 million in anticipated grant funding. Combined, \$11.7 million is available for General Fund projects. In total, one hundred and twenty one (121) projects are proposed in the 2017/2018 Capital Improvement Plan.

Additionally, the City will continue its progress on the both the Bayfront and Ocean, working with Federal and State Officials to advance projects being funded through various programs and grants.

The Department of Public Works has designated \$59.2 million for General Fund projects in the five year Capital Improvement Plan. This does not include \$40.1 million in funding available to the City through the New York Rising Community Reconstruction Program and Federal Emergency Management Agency Hazard Mitigation Grant Program.

Also included in the proposal are \$2.4 million for Sewer Fund projects, and \$0.85 million for Water Fund projects. There is a \$2 million carryover in the Water Fund to undertake projects related to the transmission system.

Major Projects Requested

Major projects proposed in the 2017/2018 plan include:

- Continue Roadway Reconstruction
 - Hudson Street – Grand to Lindell Blvd.
 - Pacific Blvd. – Walnut to Broadway
 - Market – Magnolia to National Blvd.
- Continue Asphalt Overlay Program
- Continue Fleet Upgrades
- Continue Tideflex Valve Replacement
- Streetscape Initiative Improvements
- Public Safety Technology Upgrades
- Building Improvements
- Design, Permitting, and Construction of Federal and State Funded Bulkhead Projects
- Water Distribution System Upgrades
- Establishment of an Office of Emergency Management
- Design and Construction of Drainage Improvements
- Replace Magnolia Senior Center Roof

Plan Summary

The City of Long Beach Department of Public Works requests \$6.2 million in 2017/2018 General Fund improvements and has identified an additional \$53 million from 2018/2019 through 2021/2022. In addition, \$3.25 million has been requested for Sewer and Water Fund projects. Proposed appropriations, excluding grant funded projects are shown in the table below:

CITY OF LONG BEACH CAPITAL PROGRAM – 2017/2018 – 2021/2022

	2017/18	2018/19	2019/20	2020/21	2021/22
General Fund	\$6,197,050.00	\$18,640,000	\$10,422,000	\$12,192,00	\$11,808,000
Sewer Fund	\$2,400,000	\$1,800,000	\$1,850,000	\$2,350,000	\$1,175,000
Water Fund	\$850,000	\$8,300,000	\$7,080,000	\$2,100,000	\$2,550,000

Project Types

The Capital Plan is developed to designate projects that will make improvements to City infrastructure. Projects shown in the plan fall into one of the following categories:

- Roads and Drainage – Paving, curb rehabilitation, sidewalk, road reconstruction, and drainage improvements.
- Shoreline – Tideflex valve installation and bulkhead replacement.
- Transportation – Projects related the City’s transit system including buses and bus shelters.
- Public Safety - Improvements to Police and Fire Department assets.
- Buildings – Improvements, construction, and rehabilitation of municipal facilities.
- Grounds – Tree and dune planting
- Parks – Rehabilitation of City parks and playgrounds.
- Technology – Improvements to City technology systems, such as new computers, records management, police radios, etc.
- Other – Miscellaneous including Recreation, Building Department, Economic Development, Vehicles, etc.
- Sewer and Water Funds – Projects in this category are for improvements to the City’s Water Distribution System network and sewer collection systems. The Wastewater and Water Treatment Plant are incorporated in this section.

Expenditure Types

The Capital Improvement Plan Funding for three general kinds of expenditures. They are as follows:

- Design and Construction Charges – Represents costs associated with design and/or construction of Capital Assets such as buildings, parks, and roadways.
- Equipment Purchases – Major equipment such as sanitation trucks, street sweepers, backhoes, and emergency service vehicles fall under this category. Technology equipment is also part of this category.
- Internal Labor and Management Charges – City staff, both in construction and administration plays an important role in advancing a Capital Program. Therefore, these are appropriately included as an acceptable Capital expenditure.

Capital Program Development Process

Each year, the Department of Public Works begins development of the Capital Plan and Program. The four main purposes of the plan are as follows:

1. To direct resources towards the City's strategic priorities. Including the ongoing improvement of the City's infrastructure.
2. To maintain reliable City services through long-term strategic planning rather than short-sighted ad-hoc project approvals characteristic of crisis management.
3. To provide City government officials with a management tool that allows the exploration of options as needs change and new obligations arise.
4. To meet regulatory mandates and laws; and
5. To comply with the constraints, and advance the objectives of the City's operating budget.

The process utilized to develop the Capital Budget and Plan provides for a defined program implementation that is effective. The current plan follows this premise as well. The development process is organized as follows:

- Project Requests – Departments submit project proposals to the Department of Public Works electronically. The request includes a project justification, estimated cost and a description of the work and/or equipment requests.
- Project Prioritization – Within the framework of the City's operating budget and the constraints of allowable debt, the City allocates Capital resources based on priorities including the following:
 - Health and Safety Risks – Projects to correct existing or potential hazards to the public or to City employees are top priorities.
 - Legal Mandates – Projects may be required to meet obligations of a consent order. For example, improvements to our sewer system, or renovations for compliance with the Americans with Disabilities Act. Other legally mandated projects, such as those required to comply with building codes may not have to be completed on any specific schedule.

Capital Program Development Process – cont.’d

- Impact on the Operating Budget – Potential to enhance revenues or reduce costs makes a project a higher priority, while projects that will result in increased operating costs may become a lower priority.
- Non-City Funding Sources – The priority of a project increases if City funds can leverage a significant investment of other dollars. This year’s plan for example, call for a significant amount of grant funding which has enabled the City to increase the projects scheduled for the upcoming year.
- Potential Economic Impacts – Positive impacts for business or community development heighten the priority of a project.

Capital Financing Plan

The City resources available for Capital Projects are limited. Moreover, this administration has worked to conserve financial resources and achieve stability in its operating budget while addressing the City’s infrastructure needs. The City is working to maximize Capital Funds available from other sources, such as grants. Capital Improvement Funding Sources are as listed below:

- General Obligation (G.O.) Improvement Bonds – The City is permitted to borrow money from lenders, pledging the full faith and credit of the City to pay principal and interest that is usually supported by the issuer’s taxing power. Bond funding current and proposed capital projects includes those issued by the City.
- Prior Year Carryovers – These are budgeted funds from prior years that remain with a project until they are expended or until the project is completed.
- Pay-As-You-Go – Pay –As-You-Go projects are financed from current revenues to avoid incurring debt financing or issuing new debt. However, these funds are not deemed available for Capital Projects unless they are included in the City’s Annual Operating Budget and approved by the City Council. Currently, Pay-As-You-Go funding is not utilized. However, the City will gradually transition to annual operating budget allocations for Capital Projects.
- Grants – Certain City Agencies/Departments receive dedicated funds from State and/or Federal sources for specified projects. In some cases, the City receives funding from other sources. Grant providers include:
 - Federal Transit Authority (FTA)
 - New York State Department of Transportation (NYSDOT)
 - New York State Energy and Research Development Authority (NYSERDA)
 - New York Power Authority (NYPA)
 - New York Rising Community Reconstruction Program (NYRCRP)
 - FEMA Public Assistance Program
 - Transportation Investment Generating Economic Recovery (TIGER) Grants
 - Community Development Block Grants (CDBG)
 - State Revolving Fund (SRF)
 - Transportation Assistance Program (TAP)
 - Consolidated Local Street and Highway Improvement Program (CHIPS)

Tables

The following tables are listed below:

- Five (5) year plan overview chart.

CITY OF LONG BEACH FY2017-2018 FIVE YEAR CAPITAL PLAN

<u>Category</u>	<u>Project Name</u>	<u>Project Type</u>	<u>Current Funding 2017</u>	<u>CRP & Grant Funded Projects</u>	<u>2018 City Funding</u>	<u>2018 Non City Funding</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
GENERAL FUND											
Roads	Roadway Reconstruction - Various(Designed)	Reconstruction	\$ 896,371	\$ -	\$ 2,000,000	\$ -	\$ 2,500,000	\$ 2,500,000	\$ 2,750,000	\$ 3,000,000	\$ 13,646,371
Roads	Road Overlays	Rehabilitation	373,991	-	-	-	375,000	375,000	375,000	375,000	1,873,991
Roads	Curb/Sidewalk Rehabilitation - City Wide	Construction	332,968	-	-	-	150,000	150,000	150,000	150,000	932,968
Roads	Stormwater Remediation	Design/Construction	350,000	6,577,000	-	-	150,000	150,000	150,000	2,500,000	9,877,000
Roads	Edwards Avenue	Design/Construction	-	-	267,000	1,063,000	-	-	-	-	1,330,000
Roads	Park Avenue Resiliency	Design/Construction	-	-	175,000	175,000	2,200,000	-	-	-	2,550,000
Roads	Streetscaping	Design/Construction	222,835	-	25,000	-	100,000	100,000	100,000	100,000	647,835
Roads	Parking Lot Rehabilitation	Design/Construction	165,980	-	-	-	250,000	100,000	100,000	100,000	715,980
Roads	Create Parking Field Behind Central Garage	Design/Construction	-	-	175,000	-	100,000	-	-	-	275,000
	Total - Roads and Drainage		2,342,145	6,577,000	2,642,000	1,238,000	5,825,000	3,375,000	3,625,000	6,225,000	31,849,145
Shoreline	Various Bulkhead Replacement	Design/Construction	-	12,450,000	-	-	2,000,000	2,000,000	2,000,000	2,000,000	20,450,000
Shoreline	Bulkhead - Critical Infrastructure	Design/Construction	-	20,060,327	-	-	-	-	-	-	20,060,327
Shoreline	Tide Flex Valve Installation - Various	Construction	103,000	-	25,000	-	125,000	75,000	125,000	75,000	528,000
	Total - Shoreline		103,000	32,510,327	25,000	-	2,125,000	2,075,000	2,125,000	2,075,000	41,038,327
Transportation	Transit Support Vehicles (2)	Equipment	-	-	4,750	42,750	-	-	-	-	47,500
Transportation	Auto Vehicle Location System	Equipment	-	-	6,000	54,000	-	-	-	-	60,000
Transportation	Bus Station Rehabilitation	Construction	-	-	-	-	125,000	-	-	-	125,000
Transportation	Security Cameras at Garage & Station	Equipment	-	-	7,500	67,500	-	-	-	-	75,000
Transportation	Minivan with Wheelchair Conversion	Equipment	-	-	7,000	63,000	-	-	-	-	70,000
Transportation	Bus Replacement (2)	Equipment	-	-	96,800	871,200	1,000,000	-	-	-	1,968,000
Transportation	Paratransit Bus Replacement (3)	Equipment	130,000	-	3,000	27,000	-	-	-	-	160,000
Transportation	Bus Shelters	Equipment	301,500	-	-	-	-	-	-	-	301,500
Transportation	Bus Stop Lighting	Equipment	-	-	8,000	72,000	-	-	-	-	80,000
Transportation	Fare Collection Sysytem	Equipment	-	-	57,500	517,500	-	-	-	-	575,000
	Total - Transportation		431,500	-	190,550	1,714,950	1,125,000	-	-	-	3,462,000
Public Safety	Fire Department - Pumper Trucks	Equipment	-	-	-	-	580,000	-	-	-	580,000
Public Safety	Fire Department - Ambulance	Equipment	3,629	-	-	-	200,000	-	-	-	203,629
Public Safety	Fire Department - Personal Escape System	Equipment	-	-	15,000	-	-	-	-	-	15,000
Public Safety	Fire Department - Thermal Imaging Cameras	Equipment	-	-	65,000	-	-	-	-	-	65,000
Public Safety	Fire Department - Floodlight/Utility Vehicle	Equipment	-	-	-	-	225,000	-	-	-	225,000
Public Safety	Fire Department - Vehicles	Equipment	-	-	-	-	45,000	-	45,000	-	90,000
Public Safety	Fire Department - Command Post Vehicle	Equipment	-	-	-	-	200,000	-	200,000	-	400,000
Public Safety	Fire Department - Maple Firehouse Rehab	Design/Construction/Equip	1,331	-	25,000	-	50,000	-	-	-	76,331
Public Safety	Fire Department - Rescue Truck	Equipment	-	-	-	-	300,000	-	-	-	300,000
Public Safety	Fire Department - Water Rescue Jet Ski	Equipment	-	-	16,500	-	45,000	-	-	-	61,500
Public Safety	Work Stations Police Department	Furniture	-	-	-	-	-	-	-	-	-
Public Safety	Can AM CAB Utility Vehicles - Police	Equipment	-	-	24,000	-	24,000	-	-	-	48,000
Public Safety	Can Am ATV's (3) - Police	Equipment	-	-	16,000	-	8,000	-	-	-	24,000
Public Safety	Police Department - Vehicles	Equipment	-	-	170,000	-	260,000	230,000	230,000	-	890,000
Public Safety	Police Department - Technology Upgrades	Equipment	71,442	-	-	-	-	-	-	-	71,442
Public Safety	Police Department - Signage Material	Equipment	6,035	-	50,000	-	40,000	50,000	40,000	50,000	236,035
Public Safety	Police Department - City Wide Cameras	Equipment	-	-	25,000	-	100,000	100,000	100,000	100,000	425,000
Public Safety	Police Department - Equipment (Various)	Equipment	20,642	-	-	-	85,000	-	-	-	105,642
	Total - Public Safety		103,079	-	406,500	-	2,162,000	380,000	615,000	150,000	3,816,579

CITY OF LONG BEACH FY2017-2018 FIVE YEAR CAPITAL PLAN

<u>Category</u>	<u>Project Name</u>	<u>Project Type</u>	<u>Current Funding</u> <u>2017</u>	<u>CRP & Grant</u> <u>Funded Projects</u>	<u>2018</u> <u>City Funding</u>	<u>2018 Non City</u> <u>Funding</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
GENERAL FUND, cont'd											
Buildings	LIRR Parking Facility	Design/Construction	-	-	80,000	-	620,000	-	-	-	700,000
Buildings	HVAC Replacement in Police Station	Design/Construction	-	-	300,000	-	-	-	-	-	300,000
Buildings	City Hall - New Elevators	Equipment	130,000	-	-	-	220,000	-	-	-	350,000
Buildings	ADA Bathrooms - City Hall	Design/Construction	152,558	-	-	-	75,000	75,000	-	-	302,558
Buildings	City Hall - Cameras	Equipment	105,000	-	-	-	-	-	-	-	105,000
Buildings	City Hall - 6th Floor Renovation	Construction	31,500	-	-	-	-	-	-	-	31,500
Buildings	City Hall - Various Improvements	Design/Construction	51,398	-	95,000	-	125,000	125,000	125,000	125,000	646,398
Buildings	Establishment of Office of Emergency Mgmt	Construction/Equipment	-	1,083,000	-	-	50,000	-	50,000	25,000	1,208,000
Buildings	Recreation - Various Improvements	Design/Construction	54,254	-	-	-	50,000	75,000	-	100,000	279,254
Buildings	Magnolia Senior Center Improvements	Design/Construction	125,000	-	-	-	250,000	250,000	25,000	-	650,000
Buildings	Animal Shelter	Design/Construction	100,000	-	-	-	-	50,000	-	50,000	200,000
Buildings	MLK Center	Design/Construction	-	-	-	35,000	75,000	-	50,000	-	160,000
Buildings	Ice Arena - Bathroom & Locker Room Renovation	Design/Construction	-	-	310,000	40,000	-	-	-	-	350,000
Buildings	Ice Arena - New Refrigerator/Freezer	Equipment	10,000	-	-	-	-	-	-	-	10,000
Buildings	Pine Street Maintenance Facility	Design/Construction	-	-	-	-	250,000	370,000	170,000	-	790,000
Buildings	Recreation - New Weight Room Floor	Equipment	8,000	-	-	-	-	-	-	-	8,000
Buildings	Recreation - Cardio Room Renovation	Construction	30,000	-	-	-	-	-	-	-	30,000
Buildings	Renovation of City Hall FD Quarters	Design/Construction	-	-	-	-	100,000	350,000	-	-	450,000
Buildings	West End Firehouse Bathroom Renovation	Design/Construction	-	-	-	-	70,000	-	-	-	70,000
Buildings	Surface Ice Maker - Ice Arena	Design/Construction	-	-	-	-	125,000	-	-	-	125,000
Buildings	Salt Storage Dome	Design/Construction	-	-	50,000	-	200,000	-	-	-	250,000
Buildings	Truck Washing Station	Design/Construction	-	-	30,000	-	200,000	-	-	-	230,000
Buildings	Critical Facility Resiliency	Design/Construction	-	-	-	640,000	-	-	-	-	640,000
Buildings	Rehabilitation of Central Garage	Design/Construction	-	-	150,000	560,000	-	-	-	-	710,000
Buildings	FEMA HMP Approved Projects	Design/Construction	-	-	-	1,300,000	-	-	-	-	1,300,000
	Total - Buildings		797,710	1,083,000	1,015,000	2,575,000	2,410,000	1,295,000	420,000	300,000	9,895,710
Grounds	Tree Replanting	Construction	187,661	-	-	-	25,000	25,000	25,000	25,000	287,661
Grounds	Fencing - Various	Construction	54,919	-	-	-	30,000	30,000	30,000	30,000	174,919
	Total - Grounds		242,580	-	-	-	55,000	55,000	55,000	55,000	462,580
Parks	Basketbal Courts Bubble	Equipment	-	-	-	-	-	-	1,000,000	-	1,000,000
Parks	Shower Stands - Walkovers	Equipment	61,186	-	-	-	-	-	-	25,000	86,186
Parks	Ice Arena Improvements	Design/Construction	-	-	-	-	-	-	-	-	-
Parks	Roller Rink - New Scoreboard	Equipment	-	-	-	-	25,000	-	-	-	25,000
Parks	Veterans/Waterfront Park	Design/Construction	26,534	-	100,000	-	-	-	-	25,000	151,534
Parks	Playground Equipment Replacement - Various	Equipment	55,819	-	-	-	25,000	50,000	25,000	25,000	180,819
Parks	Boardwalk Improvements	Construction/Equipment	110,590	-	25,000	-	750,000	500,000	1,500,000	750,000	3,635,590
Parks	Beach Bathroom Rehabilitation - Various	Construction	25,000	-	80,000	-	270,000	50,000	50,000	50,000	525,000
Parks	Dune Plantings	Construction	-	-	50,000	-	50,000	50,000	50,000	50,000	250,000
Parks	Safety Surface Replacement - Various	Construction	-	-	-	-	200,000	125,000	125,000	125,000	575,000
	Total - Parks		279,129	-	255,000	-	1,320,000	775,000	2,750,000	1,050,000	6,429,129

CITY OF LONG BEACH FY2017-2018 FIVE YEAR CAPITAL PLAN

<u>Category</u>	<u>Project Name</u>	<u>Project Type</u>	<u>Current Funding 2017</u>	<u>CRP & Grant Funded Projects</u>	<u>2018 City Funding</u>	<u>2018 Non City Funding</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
GENERAL FUND, cont'd											
Equipment	Recreation - Zamboni	Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000
Equipment	Recreation - New SUV	Equipment	-	-	-	-	-	35,000	-	-	35,000
Equipment	Recreation - New Tractor and Mower	Equipment	41,000	-	-	-	-	-	-	-	41,000
Equipment	Recreation - New Generators	Equipment	8,500	-	-	-	-	-	-	-	8,500
Equipment	Building - Inspector Vehicles (2)	Equipment	15,000	-	10,000	-	25,000	50,000	-	-	100,000
Equipment	Beach Park - Vehicle	Equipment	-	-	-	-	28,000	-	25,000	-	53,000
Equipment	Lifeguards - Various	Equipment	7,544	-	-	-	15,000	35,000	15,000	35,000	107,544
Equipment	Machinery/Equipment - DPW- Light Duty	Equipment	11,326	-	86,000	-	1,000,000	750,000	1,000,000	750,000	3,597,326
Equipment	Machinery/Equipment - DPW- Heavy Duty	Equipment	55,840	-	415,000	-	1,000,000	750,000	1,000,000	750,000	3,970,840
Equipment	Highway Utility Truck	Equipment	-	-	40,000	-	-	-	-	-	40,000
Equipment	Highway Street Sweeper	Equipment	-	-	290,000	-	290,000	-	-	-	580,000
Equipment	Sanitation Vehicles	Equipment	-	-	275,000	-	520,000	385,000	292,000	298,000	1,770,000
Various	Eco Dev - Green Infrastructure & Signage	Equipment	104,589	-	-	-	-	-	-	-	104,589
Various	Consulting Services for Design	Design	57,139	-	150,000	-	150,000	120,000	120,000	120,000	717,139
Various	Eco Dev - Infrastructure Improvements	Design	2,000,000	-	-	-	-	-	-	-	2,000,000
Various	Eco Dev - EAF and EIS for Comp Plan	Design	265,000	-	100,000	-	100,000	-	-	-	465,000
Various	Eco Dev - Parking Study	Design	-	-	-	-	100,000	-	-	-	100,000
Various	Sandy Recovery Services	Design	107,939	-	20,000	-	-	100,000	-	-	227,939
	Total - Other		2,673,877	-	1,386,000	-	3,228,000	2,225,000	2,602,000	1,953,000	14,067,877
Technology	Police Records Management Software	Equipment	-	-	64,000	-	92,000	92,000	-	-	248,000
Technology	Various Software Police Department	Equipment	-	-	-	-	-	-	-	-	-
Technology	Radio System Upgrade	Equipment	79,380	-	-	-	-	-	-	-	79,380
Technology	POS Software & Wiring	Equipment	-	-	-	-	38,000	-	-	-	38,000
Technology	Access Control	Equipment	8,332	-	-	-	90,000	-	-	-	98,332
Technology	A/V System for Community Hall	Equipment	-	-	15,000	-	45,000	-	-	-	60,000
Technology	Tablets for PD Units (10)	Equipment	-	-	30,000	-	30,000	-	-	-	60,000
Technology	Assessment Software Upgrade	Equipment	-	-	-	-	10,000	-	-	-	10,000
Technology	Copier Replacement	Equipment	-	-	35,000	-	-	-	-	-	35,000
Technology	Computer Replacements	Equipment	-	-	30,000	-	-	-	-	-	30,000
Technology	Collaboration Software	Equipment	75,000	-	-	-	-	-	-	-	75,000
Technology	Time and Attendance Software	Equipment	-	-	-	-	85,000	-	-	-	85,000
Technology	Large Format Plan Printer	Equipment	-	-	20,000	-	-	-	-	-	20,000
Technology	UPS Replacement	Equipment	-	-	23,000	-	-	-	-	-	23,000
Technology	Police Blade Server	Equipment	-	-	60,000	-	-	-	-	-	60,000
Technology	Web Page Update	Equipment	-	-	-	-	-	-	-	-	-
Technology	Omline Permit Software	Equipment	-	-	-	-	-	-	-	-	-
Technology	System Improvements	Design/Equipment	49,701	-	-	-	-	150,000	-	-	199,701
	Total - Technology		212,413	-	277,000	-	390,000	242,000	-	-	1,121,413
	Total - General Fund		\$ 7,185,433	\$ 40,170,327	\$ 6,197,050	\$ 5,527,950	\$ 18,640,000	\$ 10,422,000	\$ 12,192,000	\$ 11,808,000	\$ 112,142,760

CITY OF LONG BEACH FY2017-2018 FIVE YEAR CAPITAL PLAN

<u>Category</u>	<u>Project Name</u>	<u>Project Type</u>	<u>Current Funding</u> <u>2017</u>	<u>CRP & Grant</u> <u>Funded Projects</u>	<u>2018</u> <u>City Funding</u>	<u>2018 Non City</u> <u>Funding</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
F & G FUNDS											
Sewer	WWTP - Misc. Bldg Repairs	Construction	\$ 125,000	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 275,000
Sewer	Backup Generator Replacement	Design/Construction	-	-	-	-	-	750,000	-	-	750,000
Sewer	Digester Cleanout	Equipment	200,000	-	950,000	-	-	-	475,000	-	1,625,000
Sewer	Replace Sludge Removal Pump	Equipment	-	-	-	-	-	-	75,000	-	75,000
Sewer	Replace Gear Drives	Equipment	300,000	-	-	-	-	-	100,000	-	400,000
Sewer	Replace Grit Classifier	Equipment	100,000	-	-	-	-	-	-	100,000	200,000
Sewer	Grit Tank Repairs	Design/Construction	205,000	-	-	-	-	-	-	-	205,000
Sewer	Primary Settling Tank Repairs	Design/Construction	175,000	-	-	-	-	-	50,000	-	225,000
Sewer	Trickling Filter Wall Repairs	Design/Construction	-	-	-	-	275,000	-	-	75,000	350,000
Sewer	Final Clarifier Tank Repair	Design/Construction	205,000	-	-	-	-	-	-	-	205,000
Sewer	Replace Grit Rake Collectors	Equipment	225,000	-	-	-	-	-	225,000	-	450,000
Sewer	Pipe and Valve Replacement - Various	Equipment	75,000	-	-	-	150,000	100,000	-	-	325,000
Sewer	Grease Removal System Improvements	Design/Construction	125,000	-	125,000	-	100,000	-	-	-	350,000
Sewer	Denitrification/Amonia Removal reduction Study	Planning	-	-	100,000	-	-	-	-	-	100,000
Sewer	WWTP - Pump Replacement	Equipment	-	-	125,000	-	-	-	-	-	125,000
Sewer	WWTP - Replace Potable Water Mains & Services	Construction	-	-	100,000	-	-	-	-	-	100,000
Sewer	Refurbish Sewer Maintenance Building	Design/Construction	-	-	-	-	150,000	-	-	-	150,000
Sewer	Sewer Upgrades	Construction	133,508	-	850,000	-	500,000	500,000	500,000	500,000	2,983,508
Sewer	Sewer Main Lining	Design/Construction	350,000	-	-	-	500,000	500,000	500,000	500,000	2,350,000
Sewer	Sewer Maint - Equipment/Vehicles	Equipment	215,000	-	-	-	75,000	-	375,000	-	665,000
Sewer	GIS Mapping - Sewer	Design/Construction	-	-	100,000	-	-	-	-	-	100,000
Sewer	Sewer Maintenance Office Trailer	Equipment	37,385	-	-	-	-	-	-	-	37,385
	Total - Sewer Fund		\$ 2,470,893	\$ -	\$ 2,400,000	\$ -	\$ 1,800,000	\$ 1,850,000	\$ 2,350,000	\$ 1,175,000	\$ 12,045,893
Water	Cover Separation Tanks	Design/Construction	\$ 143,000	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 343,000
Water	Installation of Well #19	Design/Construction	75,000	-	-	-	750,000	750,000	-	-	1,575,000
Water	Elevated Tank Replacement	Design/Construction	-	-	-	-	4,750,000	4,000,000	-	-	8,750,000
Water	Ground Storage Tank Rehabilitation	Design/Construction	100,000	-	-	-	100,000	-	-	-	200,000
Water	Various Plant Improvements	Construction	127,982	-	50,000	-	50,000	50,000	50,000	50,000	377,982
Water	System Upgrades - Various	Construction	2,044,000	-	500,000	-	2,000,000	2,000,000	2,000,000	2,500,000	11,044,000
Water	Water Distribution - Equipment/Vehicles	Equipment	549	-	-	-	200,000	180,000	50,000	-	430,549
Water	GIS Mapping - Water	Design	-	-	100,000	-	-	-	-	-	100,000
Water	Elevated Tank Repairs	Construction	-	-	-	-	450,000	100,000	-	-	550,000
	Total - Water Fund		\$ 2,490,531	\$ -	\$ 850,000	\$ -	\$ 8,300,000	\$ 7,080,000	\$ 2,100,000	\$ 2,550,000	\$ 23,370,531
	Total - All Funds		\$ 12,146,857	\$ 40,170,327	\$ 9,447,050	\$ 5,527,950	\$ 28,740,000	\$ 19,352,000	\$ 16,642,000	\$ 15,533,000	\$ 147,559,184