

DEPARTMENT
of
**PUBLIC
WORKS**
CITY OF LOS ANGELES



2019-2020 ANNUAL REPORT

July 1, 2019 – June 30, 2020

Our Mission

To support and enhance a high quality of life for the City's residents, businesses and visitors by providing well planned, environmentally sensitive, cost effective infrastructure and services to promote public health, personal safety, transportation, economic growth, and civic vitality.

To respond to, and aid in recovery from, earthquakes, storms and other emergencies as an integral part of providing and managing public works services.

To provide for public participation in departmental policy considerations.

To accomplish the foregoing through effective oversight of the Department of Public Works, including the Bureaus of Contract Administration, Engineering, Sanitation, Street Lighting, Street Services, and the Board Offices, such as Offices of Accounting, Community Beautification, Community Beautification, Film and Television Production, City Forest Management and Petroleum and Natural Gas and Safety Administration.

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The Mayor of Los Angeles

a message

Dear Friends,

The past year has been one of unprecedented challenge and unrelenting change. The COVID-19 pandemic and the economic devastation left in its wake. The reckoning with racial injustice. The ongoing task of combating climate change and building resilience in the face of this existential threat.

So much feels unsteady, and many of us might feel unmoored. But there is one anchor we've been able to count on through it all: the remarkable workforce of the Department of Public Works -- the public servants across City government who keep L.A. safe, healthy, and secure.

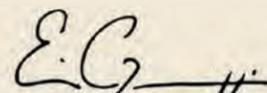
Each and every one of you exemplifies the Angeleno spirit. Simply by showing up and doing your jobs, you show what it means to give back and to serve. You keep our city on track toward progress and prosperity, equity and sustainability, possibility and hope.

This annual report lays out your most recent accomplishments. But it's more than a list of achievements -- it's a tribute to the often quiet, yet absolutely vital work that goes into building, maintaining, and reinvigorating the infrastructure of a dynamic crossroads of global commerce and culture.

Even in the midst of crisis, this Department never slowed down. Because of your efforts, we can walk on repaired sidewalks and bike or drive on safer streets. We benefit from steady advancements in the citywide tree inventory, and we're well on our way to 100% recycled water at the Hyperion Water Reclamation Plant. We see the construction of the 6th Street Viaduct moving ahead, and our inspectors have ensured that city contractors adhere to COVID-19 protocols. We are forging the city of the future too: installing new streetlight EV chargers, giving us more charging stations than any other city in America.

These examples just scratch the surface of what you've done -- and there's more to come. So I simply want to express my gratitude to the extraordinary women and men of the Board of Public Works, along with the Bureaus of Contract Administration, Engineering, Sanitation, Street Lighting, and Street Services. You help make Los Angeles the incredible place that it is. You help us raise the quality of life for Angelenos of every race, faith, and zip code. And I have no doubt all of us will be able to count on this Department's resolve as we reimagine our city in the years ahead.

Sincerely,


ERIC GARCETTI
Mayor



The Board of Public Works President

a message

To Los Angeles residents, workers, businesses and all other stakeholders:

On behalf of the Board of Public Works, I am pleased to present the Department of Public Works 2020 Annual Report.

During these unprecedented months of pandemic and social upheaval, I am proud of how the women and men of the Department of Public Works have not only survived - but thrived - in maintaining their mission to keep the City running and protecting Angelenos. From preventing wage theft, to supporting sidewalk vendors, constructing A Bridge Home shelters, collecting trash on time, and keeping the lights on, we ensured that the City continued to function at the highest level.

Our infrastructure remains intact, despite having had to navigate significant public safety, social justice and financial upheaval and we are well-positioned as a vital economic engine - crucial to the City's financial re-emergence - for the years ahead. Doing more with less, being creative and innovative, leading the way with technology, and laser-focused on efficiency and equity, the Department is poised and ready to help steer the City of Los Angeles to a full recovery - and we will engage relentlessly toward that end.

GREG GOOD
Board President



The Board of Public Works

Commissioners

ORIGINALLY CREATED TO REPRESENT ANGELNOS and ensure a greater voice and transparency in the Department of Public Works, the Board has provided residents more influence and immediate access to the operations and resources of the Department. Created by a vote of the People in 1906, the Board of Public Works has led the way to sustain, deliver and advance the infrastructure facilities, resources and services that enable the City of Los Angeles to serve and safeguard its four million residents and more than 497,000 businesses in a 464 square mile geographic area – the second largest city in the nation.

THE BOARD OF PUBLIC WORKS is the City's only full-time oversight and policy-making commission and is comprised of five city residents appointed by the Mayor of Los Angeles and confirmed by the City Council. The Board members are community leaders who bring diverse perspectives and a wealth of expertise from the various and operational positions they had worked in previously. The Board jointly worked with the five Bureaus and Executive Offices in managing an approximate \$980 million annual operating budget (excludes some special funds) with 5,269 regular authorized positions in the fiscal year starting July 1, 2019 and ending June 30, 2020 (Fiscal Year 2019-20)

THE BOARD is the key oversight panel that provides a high level of accountability for the City's vast and expansive infrastructure, and ensures the integrity of the bid and award process for public works contracts. The Board is responsible for the strategic management of the construction, renovation, and operation of the City's infrastructure, as well as the delivery of public safety public health, and environmental programs. During Fiscal Year 2019-20, the Board awarded 266 contracts (i.e., construction, personal services and amendments, task orders) at approximately \$1.14 billion to invest in the needs and activities of the City.

IN PARTNERSHIP with private contractors, the Department builds and maintains public projects, such as libraries, fire stations, police stations, animal facilities, streets, bridges, street lights, water treatment plants, sewers and sidewalks, as well as provides essential public services and programs like street services, street tree maintenance, sanitary sewers, wastewater treatment, recycling, and solid waste management.



MEMBERS OF THE FISCAL YEAR 2019-20 BOARD OF PUBLIC WORKS are President Kevin James, Vice President Aura Garcia, President Pro Tempore Mike Davis, Commissioner Jessica Caloza, and Commissioner Teresa Villegas. Commissioner Villegas' appointment was confirmed on October 8, 2019 (she replaced former Commissioner Cecilia Cabello who served from November 16, 2018 to September 27, 2019).

President Greg Good was confirmed on June 23, 2020 and began as Commissioner and elected Board President on July 6, 2020. (he replaced Board President Kevin James who served from July 31, 2013 to June 26, 2020).

THE BOARD CONVENES regular public meetings on Mondays, Wednesdays and Fridays beginning at 10:00 a.m. in the Edward R. Roybal Session Room in City Hall, 200 N. Spring St., Room 350, Los Angeles. Exceptions occur when evening meetings are periodically scheduled in various council districts in an effort to increase the public's participation in local government. Residents may appear before the Board when it is in session, during Board sponsored public hearings and through the Board's appeals process. Starting in March 2020, due to the COVID-19 emergency pandemic, the Board initiated a special agenda schedule for Tuesdays at 10am and Fridays at 1:30pm in responses to emergency and telecommute deployment, including providing essential services through contactless government. This temporary schedule continued into the new fiscal year 2020-21.

THE OFFICES OF THE BOARD OF PUBLIC WORKS include the Board Commissioners, Executive Officer, Board Secretariat, Accounting, Community Beautification, Film and Television, Financial Systems, Petroleum and Natural Gas Administration and Safety, Systems Services, Project Restore, City Forest Management, including Financial (Fund) and Risk Management major sections. In addition, the City Council adopted the creation of a new Office of Climate Emergency Mobilization, which in fiscal year 2019-20 focused on the development of ordinances and hiring staff (CF Nos. 18-0054 and 19-1084).



Greg Good
President
(July 2020-Present)



Aura Garcia
Vice-President
(2018 - Present)



Mike Davis
President Pro Tempore
(2013 - Present)



Jessica Caloza
Commissioner
(2019 - Present)



Teresa Villegas
Commissioner
(2019 - Present)



Kevin James
Former President
(2013-2020)



Cecilia Cabello
Former Vice-President
(2018-2019)

By the Numbers

Board of Public Works

THE 5,269 EMPLOYEES OF THE DEPARTMENT OF PUBLIC WORKS are responsible for delivering the critical infrastructure services, assets and systems that are vital to sustain and protect prosperity, quality of life and public safety. Department staff meet this duty in a geographically dispersed area that is one of the most culturally and economically diverse in the nation. Staff also is prepared to address and respond to emergencies and natural disasters. It is a monumental task given the size of the city and the number of people served.

THE CITY OF LOS ANGELES ENCOMPASSES

SQUARE MILES
468.67

U.S. Census Bureau, Land area in square miles (2010)
Retrieved from <http://quickfacts.census.gov/qfd/states/06/0644000.html>

2019 LOS ANGELES CITY POPULATION

TOTAL
3,979,576

U.S. Census Bureau, Los Angeles (city), California
Retrieved from <http://quickfacts.census.gov/qfd/states/06/0644000.html>

POPULATION BREAKDOWN

- 48.5% | Hispanic or Latino
- 28.5% | White alone, not hispanic or latino
- 11.6% | Asian
- 08.9% | African American or Black
- 00.7% | American Indian
- 00.2% | Native Hawaiian and other Pacific Islander

HOUSING UNITS & FIRMS

Number of Housing Units
1,457,762

U.S. Census Bureau, Housing Units, (2017)
Retrieved from <http://quickfacts.census.gov/qfd/states/06/0644000.html>

Number of Firms
487,999

U.S. Census Bureau, (2010), total number of firms, 2012
Retrieved from <http://quickfacts.census.gov/qfd/states/06/0644000.html>

INFRASTRUCTURE BY THE MILE

Centerline miles of **STREETS (6,500)**
and **ALLEYS (800)** Bureau of Street Services (2019)
7,300

Miles of **SIDEWALKS** Bureau of Street Services (2019)
10,750

Miles of **STORM DRAINS** Bureau of Sanitation (2019)
1,220

Miles of **SEWERS** Bureau of Street Services (2019)
6,700

INFRASTRUCTURE BY THE NUMBERS

Street Trees in the Public Right of Way
Bureau of Street Services (2019)
700,000

Street Lights
Bureau of Street Lighting (2019)
223,000

Watersheds in the 3,000 Square Mile
Los Angeles County Flood Control District
(Ballona Creek, Dominguez Channel,
Los Angeles River, Santa Monica Bay)
Bureau of Sanitation (2019)
4 of 6

Lakes Rivers and Creeks Bureau of Sanitation (2019)
24

Catch Basins Bureau of Sanitation (2019)
39,161

Gallons Of Wastewater And Water Reclamation
Daily Average Bureau of Sanitation (2019)
313,000,000

CITY OF LOS ANGELES GENERAL FUND

ADOPTED BUDGET
FY 2019-20

TOTAL
\$ 10,710,077,843

Public Works Budget
\$ 979,587,447

Remaning City Budget
\$ 9,730,490,396

DEPARTMENT OF PUBLIC WORKS

ADOPTED BUDGET
FY 2019-20

TOTAL
\$ \$979,587,447

Board
\$ 24,628,866



Contract Administration
\$ 44,722,513



Engineering
\$ 104,528,277



Sanitation
\$ 557,705,558



Street Lighting
\$ 39,143,316



Street Services
\$ 208,858,917



AUTHORIZED EMPLOYEES
FY 2019-20

TOTAL
5,269

Board
99

Contract Administration
253

Engineering
679

Sanitation
3,086

Street Lighting
210

Street Services
942

Environmental and Economic Benefits

Each year, the Department of Public Works makes important impacts from both an environmental and economic standpoint that play a crucial role in supporting the work of the City of Los Angeles and its stakeholders. Here are some of those accomplishments.

156 Community Cleanup events garnered more than **9,000 volunteers** who worked almost **35,000 hours** for a total value of more than **\$1 million**.

Of **49 Project Labor Agreements** valued at \$897 million, **\$9.6 million** was reinvested back into the City's economy through wages and benefits to the local residents.

Bureau of Contract Administration verified the diversion of **54,194 tons of inert debris** (including concrete, asphalt, dirt and other materials) to certified recycling facilities (reported for 2019 CY).

Engineering created **3,398 jobs** and awarded **\$261.4 million** in construction projects.

Through the recycLA program, **3,089 tons** of food was rescued from local businesses and safely distributed to partners who shared with those in need.

Working with Los Angeles World Airport, the Bureau of Sanitation received and recycled **273,555 pounds** of food waste.

Bureau of Street Services and Bureau of Sanitation combined to plant more than **3,200 trees**.

Bureau of Street Services initiated and completed **5 Cool Pavement projects** that will enhance sustainability.

A total of **432 electric charging stations** have been installed throughout the City.

Bureau of Street Lighting has reduced more than **68,000 metric tons** of emissions through the LED Streetlight Conversion Program.



Key Department Program Areas

Featured Programs

CAPITAL INFRASTRUCTURE
(I.E. City facilities, bridges, etc.)

CLEAN STREETS L.A.

CLEAN WATER/ONE WATER LA

FILM AND TELEVISION PRODUCTION

GRAFFITI ABATEMENT

GREAT STREETS INITIATIVE

KEEP LOS ANGELES BEAUTIFUL

L.A. RIVER

MINIMUM WAGE

PAVEMENT PRESERVATION

RECYCLA

SAFE SIDEWALKS LA

SMART POLES

SOUTH L.A. INITIATIVE

STORMWATER AND WATERSHED PROTECTION

STREETLIGHT LED CONVERSIONS

STREET TREES AND URBAN FOREST

TRANSPORTATION PROJECTS
(I.E. Regional connector, purple line, etc.)

Executive Office and Board Offices

THE EXECUTIVE OFFICE supports the Board of Public Works in its commitment to serving city residents and businesses, performing its duties in overseeing the Department of Public Works and implementing the Mayor's "Back to Basics" agenda to create a stronger economy and more efficient and effective city government. This year, the Board Secretariat received 10,094 inquiries from the public, and processed and disseminated 929 transmittals of Board actions. *

The executive office is also responsible for various financial and risk management activities, such as budget development, fund management of the Public Works Trust Fund (PWTF) and SB1 funds, and risk assessment and litigation review. For Fiscal Year End 2019-20, the PWTF maintained more than 12,000 permit/bond deposits at an aggregate total of \$144.4 million with 39 revenue accounts and 12 active loans. During this fiscal year, this Office transferred \$7.4 million to the General Fund and \$2.2 million to the Special fund for a total of \$9.6 million from work related to B, E, and U permits, and collected \$1.8 million in outstanding loan (debt) balances. In addition, this fiscal year, the Board Offices hired its Risk Management in October 2019 to lead a department-wide effort relative to risk assessment, claims management, litigation review, etc.

THE EXECUTIVE OFFICER provides policy advice and administrative support to the Board, and advises the Board on procedural matters during its meetings and records the minutes and proceedings, such as Board actions taken and Board orders issued (approximately 929 in Fiscal Year 2019-20)

The meetings frequently include hearings that relate to reports or communications being discussed. In Fiscal Year 2019-20, approximately 134 hearings were held, plus 35 bureau director and management meetings. In addition, the Executive Officer oversees ten Board offices (Board Secretariat, Community Beautification, Accounting, Financial Systems, Systems Services, Petroleum and Natural Gas, Film and Television, Climate Emergency Mobilization, and Forest Management, including the Financial and Risk Management functions, and provides administrative support to Project Restore.

THE BOARD SECRETARIAT is responsible for posting and publishing all orders, resolutions and notices that are required in connection with invitations to bid, awarding of contracts for public works projects, and various Board of Public Works actions. Board staff processed 33 notices inviting bids, advertised and received 119 bids, processed 62 construction contracts, 923 on-call construction contracts, 146 personal service contracts and amendments, and 1,835 contract preliminary notices during Fiscal Year 2019-20. In addition, the Board Secretariat has responsibility for reviewing and maintaining insurance (i.e., Surety Bonds, Workers' Compensation, Automobile Liability, Errors and Omissions, Property, Pollution and Professional Liability, etc.) documents for construction projects and work in the public right-of-way. During the past fiscal year, staff received and reviewed approximately 1,027 new insurance endorsements and sent out 1,276 insurance expiration notices.

Office of Accounting

THE OFFICE OF ACCOUNTING (OOA) provides accounting services and financial management support to the Department of Public Works (DPW). The OOA is managed by the Director who is assisted by one Assistant Director and three Division Managers. The OOA's mission is to safeguard the City's public works assets, projects, and programs through proper and timely accounting of all public works financial transactions in accordance to Generally Accepted Accounting Principles and pronouncements of the Governmental Accounting Standards Board (GASB), and to ensure that budgets, contracts, laws, and ordinances are complied with.

As the COVID-19 pandemic forced all City offices to embrace telecommuting arrangements during the last quarter of Fiscal Year 2019-20, OOA staff took full advantage of management's telecommuting program and continued to deliver full accounting services to all Bureaus by implementing digital receipt and delivery of accounting documents, acceptance of electronic signatures, and offering electronic payment options without down time. Despite these tremendous challenges, DPW processed the highest number of transactions recorded in the City's Financial Management System (FMS), totaling about 2.19 million records or about 16% of the total records of the City entered this year.

In Fiscal Year 2019-20, OOA's accomplishments include: enforcement of reasonable internal control procedures and sound accounting practices for approximately 156 funds with fund balances of \$4.06 billion and uncommitted amounts of \$3.49 billion; \$4.0 billion worth of city contract obligations consisting of 998 contracts recorded and generated project cost reports for 63,547 project work orders with cumulative costs of \$20.05 billion; ensured full cost recovery from various customers like project developers, contractors and other governmental agencies; and ensured expenditures are fully authorized, appropriated and encumbered. In Fiscal Year 2019-20, DPW availed approximately \$823,500 in payment discounts and collected/received more than \$3.37 billion in receipts (revenues).

As customary, the OOA provided ongoing public works financial information to City policy makers and management and collaborated with the City's external auditors during the preparation of the first-ever virtual year-end financial statements audit in preparation of the City's Comprehensive Annual Financial Report (CAFR), including the City's Sewer Capital and Maintenance Funds, one of the major funds in the CAFR.

Encumbrances and Appropriations

Number of transactions processed

2019-20	11,990
2018-19	10,368
2017-18	7,227
2016-17	7,189

Expenditures

Number of transactions processed

2019-20	19,816
2018-19	18,328
2017-18	16,590
2016-17	23,428

Revenue Receipts Processed

Number of transactions processed

2019-20	29,970
2018-19	30,809
2017-18	29,879
2016-17	34,172

Percentage of Payments processed within 30 Days

FY	Construction	Non-Construction	Non-Contract	Overall
2019-20	82.78%	80.07%	85.39%	81.88%
2018-19	70.91%	62.26%	78.78%	66.73%
2017-18	97.96%	81.80%	95.83%	87.00%
2016-17	99.09%	85.93%	94.37%	89.37%

By the Numbers

Office of Accounting

ACCOUNTING TRANSACTIONS BY CATEGORY

86,247	TOTAL TRANSACTIONS PROCESSED
35%	<i>REVENUE RECEIPTS AND COLLECTIONS</i>
18%	<i>BILLINGS</i>
23%	<i>PAYMENTS (EXPENDITURES)</i>
20%	<i>APPROPRIATIONS, ENCUMBRANCES & TRANSFERS</i>
4%	<i>WORK ORDERS, CONTRACT CEILING</i>

REVENUE RECEIPTS AND COLLECTIONS

\$3,375,432,413	TOTAL AMOUNT OF REVENUE RECEIPTS PROCESSED
98%	<i>VARIOUS FUNDS RECEIPTS</i>
1%	<i>OTHER GOVERNMENT AGENCIES</i>
1%	<i>INDUSTRIAL WASTE</i>

BILLINGS

\$444,519,894	TOTAL AMOUNT OF BILLINGS PROCESSED
40%	<i>PRIVATE CUSTOMERS</i>
25%	<i>OTHER GOVERNMENT AGENCIES</i>
35%	<i>INTER-DEPARTMENTAL</i>

PAYMENTS

\$821,394,321	TOTAL AMOUNT OF PAYMENTS PROCESSED
47%	<i>NON-CONSTRUCTION CONTRACTS (CONSULTANTS, ETC.)</i>
41%	<i>OTHER VENDORS</i>
11%	<i>CONSTRUCTION CONTRACTS</i>

VENDORS PAID WITHIN 30 DAYS

83%	<i>CONSTRUCTION CONTRACTS</i>
80%	<i>NON-CONSTRUCTION CONTRACTS</i>
85%	<i>OTHER (I.E. NON-CONTRACT)</i>

Office of Community Beautification

THE OFFICE OF COMMUNITY BEAUTIFICATION (OCB) is a citywide anti-litter and anti-graffiti program which seeks to empower residents and community groups to "Keep Los Angeles Beautiful." OCB engages in community beautification by providing graffiti removal services, coordination of volunteer cleanup efforts and involvement with other beautification efforts.

OCB seeks to combat the blight of graffiti by contracting with non-profit, community-based organizations to provide graffiti removal services citywide, and by providing paint and supplies to community groups or individuals. OCB contractors respond to requests for service via the City's 311 service request hotline, through the online service request form, and via the MyLA311 mobile request app. These contractors also proactively patrol major corridors and hotspots in their geographic service areas for graffiti.

OCB supports volunteer neighborhood cleanup projects, loaning out hand tools and supplies needed for cleanup efforts. Further support of volunteer beautification efforts is provided by the Adopt-A-Median and Adopt-A-Spot programs, enabling community groups to adopt and beautify areas of public property. OCB provides assistance in guiding individuals and projects through the City approval process and helps secure required permits for beautification projects.



COMMUNITY CLEAN UP EVENTS

2019-20	156
2018-19	361
2017-18	320
2016-17	379

COMMUNITY REQUESTS SERVICED

2019-20	141,514
2018-19	141,662
2017-18	112,319
2016-17	131,644

SQUARE FOOTAGE GRAFFITI REMOVED

2019-20	27,943,233
2018-19	25,319,940
2017-18	32,288,209
2016-17	27,895,936

NUMBER OF LOCATIONS GRAFFITI WAS REMOVED

2019-20	507,804
2018-19	459,836
2017-18	438,968
2016-17	465,004

By the Numbers

Office of Community Beautification

156	CLEAN UP EVENTS
9,037	NUMBER OF VOLUNTEERS
34,792	VOLUNTEER HOURS
\$1,096,295	TOTAL VALUE OF VOLUNTEER HOURS
397	COMMUNITY MEETINGS/PRESENTATIONS
19,460	NUMBER OF TRASH BAGS (36"X60") COLLECTED BY VOLUNTEERS (litter, debris, weeds)
141,514	COMMUNITY GRAFFITI REMOVAL REQUESTS SERVICED
68%	GRAFFITI REQUESTS COMPLETED WITHIN 24 HOURS
77%	GRAFFITI REQUESTS COMPLETED WITHIN 48 HOURS
82%	GRAFFITI REQUESTS COMPLETED WITHIN 72 HOURS
465	NUMBER OF MILES MONITORED
27,943,233	SQUARE FOOTAGE OF GRAFFITI REMOVED
507,804	NUMBER OF LOCATIONS WHERE GRAFFITI WAS REMOVED
252	NUMBER OF JOBS CREATED (youth, summer, at-risk)



Office of Film and Television Production

THE OFFICE OF FILMING (OOF) works closely with the Mayor's Office of Film and Television Productions to ensure a film-friendly experience for the film and television industry and community. OOF is responsible to administer the FilmLA contract, develop policies and personnel training, implement the Mayor's Executive Directive 6 on film, develop a comprehensive economic industry relations program, facilitate motion picture/television industry needs, and work with State of California Film Liaison Offices, California Film Commission, LA County, labor unions, location managers, Chamber of Commerce, Neighborhood Councils, Communities, and various City departments. OOF provides advice to the Mayor, City Council, Board of Public Works, and management of economic, policy and public relations effects of industry-related actions, industry needs, rules and regulations, laws, and City film procedures and ordinances, and legislative analysis.

OOF focuses on leveraging best available technology to improve social, web-based digital media, and reality television,

and creating filming incentives, such as reduced business tax rates for entertainment productions, special tax breaks for entertainment creative talent, film for free at City facilities, utility nodes that provide affordable and clean electricity, guide to downtown Los Angeles parking lots available for filming, and streamlined road closure procedures.

In Fiscal Year 2019-20, OOF increased filming by 20% from the previous fiscal year reaching 97% capacity on Sound Stages, until the last quarter, when COVID-19 required a closure of all businesses. OOF worked with the Film Industry (studios, guilds, location managers), and the Los Angeles County and State partners to create Appendix J, which allows for very strict filming guidelines working with the Los Angeles County Health Department to reopen filming, making the industry workers essential. In the meantime, FilmLA worked on technology to rebuild, streamline, and integrate with FilmLA's new Operation's system for Recreation and Parks, Fire, LAPD, and LADOT to provide easier, faster, and specialized reporting.

Office of Financial Systems and System Services

THE OFFICE OF FINANCIAL SYSTEMS (OFS) maintains financial systems to efficiently meet the financial systems needs of the Department of Public Works. The OFS serves a Department-wide role and is critical to all revenue collection, billing, cost recovery reporting and reimbursements, grants, wastewater program, and project reporting activities throughout the Department of Public Works. OFS is also responsible for the development, implementation, operation, and maintenance of the Public Works Business Intelligence and Information Delivery System (BIIDS). BIIDS is an online and interactive financial system that provide users with access to the City's Financial Management System (FMS), City's Legacy Financial Management Information System (FMIS), City-wide Cost Accounting System (CCAS), and PaySR Payroll System (soon to be the Human Resources and Payroll System). Its foundation includes an Oracle database and data warehouse that contains nearly 35 years of complete summary and detailed information from all City financial systems since 1987. BIIDS also integrates with the CASHWIZ (City's revenue receipt banking system), Wastewater Rates & Billing System (used to collect more than \$25 million annually), and Public Works Trust Fund System.

In Fiscal Year 2019-20, OFS resolved 85% (or 2,000 of 2,357) service requests within 48 hours and 15% (or 357 of 2,357) within 72 hours or more.

THE OFFICE OF SYSTEMS SERVICES (OSS) is responsible for the implementation, governance, and maintenance of the Board of Public Works' Information Technology (IT) infrastructure. By exercising governance in the areas of inventory, security, and workstation/network administration, the OSS provides guidance on the use of technology resources. In addition, through the delivery of functional services in the areas of technology procurement, configuration, deployment, and maintenance, the OSS supports the automation and technology tools needed by staff to communicate, collaborate, and efficiently perform their duties. In Fiscal Year 2019-20, OSS continued the administration of and updated the Board's departmental website, developed in-house automation tools, such as asset/inventory tracking database and online services, provided general helpdesk services covering desktop, network, cloud, and mobile problems, and resolved approximately 570 service requests.

Office of City Forest Management

THE OFFICE OF CITY FOREST MANAGEMENT was created in Fiscal Year 2018-19 to work closely with all city departments in developing an integrated approach for the city's urban forest management, including a cohesive vision and a plan for achieving that vision. During Fiscal Year 2019-20, the Board of Public Works hired the first "City Forest Officer" to lead this newly created office. In this initial year, OFM cultivated relationships and mechanisms for coordination with other City departments and external partners, including Community Based Organizations, Non-Governmental and Non-Profit Organizations, NGOs, private sector firms, and research/

educational institutions. This included development of strong partnerships with both Google and an interdisciplinary research team at the University of Southern California. These partnerships were fostered to aid the city in addressing the issue of tree canopy inequity, providing additional resources and tools to support the city's goal to increase tree canopy in areas of greatest need by 50% by 2028. The OFM also applied for and secured a \$1.5 million grant from CalFire to support the development of the City's first Urban Forest Management Plan and co-hosted the City's 2nd annual Tree Summit with Bureau of Street Services (StreetsLA).

Office of Petroleum and Natural Gas Administration and Safety

THE OFFICE OF PETROLEUM AND NATURAL GAS ADMINISTRATION AND SAFETY (OPNG) is responsible for the administration and management of all functions related to petroleum and natural gas, including the exploration and production of petroleum, oversight of underground pipelines, oil fields, petroleum refineries, drilling leases, and gas storage facilities within the City of Los Angeles. The City's Petroleum Administrator provides policy advice to the Mayor, City Council, City Departments, and the Board of Public Works on petroleum and natural gas matters. In addition, OPNGAS produces technical reports on the evaluation of oil, natural gas, and electric utility fees, conducts safety and compliance inspections, advises zoning hearings, and enforces rules and procedures in adherence to industry best practices, city codes, and regulations. The OPNGAS partners with local, state and federal regulatory agencies to ensure compliance and safety of oil and gas infrastructure and engages in public/community outreach with various groups. The City of Los Angeles has 23 oil fields (18 active and 5 abandoned), 17 Drill Sites and more than 5,100 oil wells within city boundaries. OPNGAS continues to monitor key metrics to measure performances, such as (a) number of franchise agreements renewed; (b) percentage of franchises with compliant bonds and insurance (c) number of community events; (d) number of abandoned wells evaluated; (e) number of drill sites inspected; (f) percent of franchise agreements audited; and (g) amount of revenue generated.

In Fiscal Year 2019-20, OPNGAS, worked with LA County in the formation of their own Oil office, met with the CalGEM, and coordinated/participated in various external inter-agencies meetings, such as the Allen Co Drill Site, Baldwin Hills CSD, Health Report Working Group, and City of LA Oil and Gas Task Force.

The following provides additional accomplishments:

PIPELINE FRANCHISE AND ADMINISTRATION

- Billed and collected \$25 million in revenues from electric, gas, and franchise pipelines.
- Reduced non-compliance rates to 1 by Feb 2020 – Fiscal Year End 97.6% compliant.
- Conducted numerous Franchise Operator meetings and

executed the Southern California Gas Franchise 12-month Extension.

- Reduced risk and liability and protected City taxpayer's financial interests.
- Imposed penalties/fines and collected \$70,000 for insurance noncompliance and failure to provide sudden and gradual pollution insurance coverage.
- Released 2 RFPs for SoCal Gas Utility Franchise Agreement Valuation Study.

PETROLEUM POLICY

- Participated in Zoning Administration Hearings for West Pico Drill Site.
- Attended AB617 Community Steering Committee & Technical Advisory Group Meetings for Wilmington, Carson and West Long Beach communities.
- Nominated South LA for AB617 (special emphasis on understanding air emissions associated with AllenCo, Murphy and Jefferson drill sites).
- Worked with LAFD, LACoFD, El Segundo, and Torrance Fire departments on AB 1646 Refinery Emergency Notification Implementation.
- Reported back for Aliso Canyon Storage Facility Update (CF 15-1380-S12).
- Reported back for Rancho Park Drill Site / Natural Gas Odorant Spill, including Drill Site Air Monitoring feasibility research (CF 17-0149-S1).
- Completed 100% of 2019 Drill Site Desk Audits/Interim Compliance Reports (in partnership with Planning, LAFD, Sanitation Watershed Resources, AQMD, & CalGEM).
- Completed Drill Site Oil Production Report (Includes 1970's-2020 Production Numbers).

COMMUNITY ENGAGEMENT

- Attended Refinery Community Advisory meetings (Marathon and Phillips66), Rule 1180 Refinery Fence line Air Monitoring Plan workshops, California Interagency Refinery Task Force Public Meetings, and StandLA Legal Briefings.
- Provided Environmental Justice Presentation/Training to LA County Inglewood Oil Field Community Advisory Panel.



Project Restore

PROJECT RESTORE is a public-private partnership and nonprofit organization, which works to preserve and protect historic City of Los Angeles buildings, monuments and public spaces that define our community's rich cultural heritage. Past projects completed include the Main Street Demonstration project, restoration of the Board of Public Works Session Room (Los Angeles City Hall), Seismic Retrofit/Restoration of Los Angeles City Hall, Seismic Retrofit/Restoration of the Valley Municipal (Van Nuys) City Hall, Watts Towers, and restoration of the Frank Lloyd Wright designed Hollyhock House Phase III (a UNESCO World Heritage Site). In Fiscal Year 2019-20, Project Restore continued its work on Phase I Residence A and Phase IV of the Hollyhock House restoration (i.e., Master Bedroom art glass doors and acquisition of two original Living Room end tables) in Barnsdall Art Park, and decorative paint, metal, stone, and woodwork in Los Angeles City Hall.

Bureau of Contract Administration

bca.lacity.org



THE BUREAU OF CONTRACT ADMINISTRATION (BCA) is the City's lead contract compliance agency that enforces governing laws on City contracts and on public works construction projects. The Bureau protects the City and ensures the delivery of quality construction work. As an independent quality control agency, BCA's dedicated construction inspectors and compliance officers maintain a transparent and consistent contracting environment that secures economic development opportunities for new jobs and businesses while protecting taxpayer funds and the public interest.

Through key programs and major initiatives in Fiscal Year 2019-20, the accomplishments for BCA are reflective of the Bureau's motto of "Quality - Opportunity - Compliance."

PROVIDING QUALITY CONSTRUCTION

SIDEWALK REPAIRS

Under the Sidewalk Repair Program, 111,807 linear feet of sidewalk of varying widths was repaired, and work will continue in an effort to rehabilitate the City's sidewalks.

SEWER REHABILITATION

46 miles of aging sewer pipe were rehabilitated and/or replaced. The Emergency Sewer Repair Program responded on a 24-hour/365-day basis to 556 incidents to minimize or prevent public and environmental exposure to sewer overflows.

SPECIAL PERMITS

The Bureau conducted 80,187 permit inspections within one day of request for permits issued to individuals and/or companies for private development encroaching into the right-of-way, utility work, excavations, sewer work, and lateral support to ensure that the right-of-way and infrastructure were properly restored.

PROVIDING CONTRACTING OPPORTUNITIES

LOCAL BUSINESS ENTERPRISES

A total of \$60,959,541 was awarded to local businesses in 14 construction contract awards, providing local businesses with a competitive advantage and supporting efforts to reinvest the City's contracting dollars back into the local economy.

CITY'S DBE/ACDBE/MBE/WBE AND SLBE CERTIFICATION PROGRAMS

The Bureau participated in 79 outreach events educating a total of 3,817 constituents regarding the City's certification program and contracting opportunities.

CONTRACTOR PAYMENTS

4,326 construction contract monthly progress payments totaling \$413,993,125 were processed. In Fiscal Year 2015-2016, Contract Administration established a goal of processing 80% of progress payments within 15 days from "Discussion to Deposit," or from Inspector and Contractor agreement in the field to payment check issuance or electronic transfer. In Fiscal Year 2019-20, 35% of all progress payments were made in 15 days or less.

LOCAL HIRE

Out of the 49 Project Labor Agreement projects valued at \$897,060,000, a total of \$9,647,445 was reinvested back into the City's economy through wages and benefits to the local residents.

ENSURING COMPLIANCE

DEPARTMENT OF PUBLIC WORKS PROJECT LABOR AGREEMENT (PLA)

In response to the requirement to hire 30% local residents, 10% disadvantaged/transitional workers and 50% of apprentices who are local residents, Public Works construction contractors complied by hiring 35% local residents, 15% disadvantaged/transitional workers and 56% of apprentices who are local residents.

LABOR COMPLIANCE

The Bureau collected \$362,188 in wage restitution for 256 workers from contractors who failed to comply with the proper payment of prevailing labor wages on City construction contracts.

LIVING WAGE ORDINANCE

Contractors who violated the Living Wage Ordinance paid a total of \$1,081,216 in restitutions to employees of contractors that provide services or lease property from the City.

ENFORCING LABOR STANDARDS

MINIMUM WAGE

The Bureau collected \$85,966 in wage restitution, fines, and penalties and recovered 7,721 paid sick leave hours for workers in the City of Los Angeles.

FAIR CHANCE INITIATIVE FOR HIRING

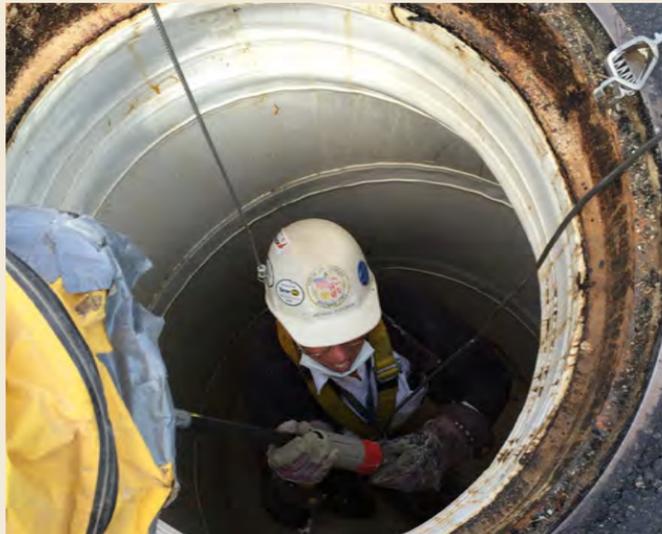
The Bureau has responded to 58 inquiries and complaints regarding the Fair Chance Initiative for Hiring Ordinance. The Bureau has also participated in 5 outreach events throughout the City, educating 366 constituents and reaching 464 businesses through door-to-door outreach visits.

ENVIRONMENTAL IMPACT

CONSTRUCTION DEBRIS WASTE DIVERSION

The BCA enforces recycling of all solid waste as a sum total of all inert debris diverted (including, concrete, asphalt, dirt and other inert materials) on contracts awarded by the Board of Public Works. Contractors are required to divert any inert debris generated from their construction activities to certified recycling centers in accordance with State and City requirements.

BCA verified the diversion of **54,194 tons of inert debris** to certified recycling facilities (reported for 2019 CY).



Percent of Progress Payments Made in 15 Days or Less (TARGET: 80%)

2019-20	35%
2018-19	17%
2017-18	31%
2016-17	67%

Number of Private Development Inspections

2019-20	80,187
2018-19	89,108
2017-18	78,292
2016-17	69,657

Average Number of Days to Process Business Inclusion Reviews

2019-20	12.5
2018-19	17.1
2017-18	24.5
2016-17	14.1

PLA Construction Hours Disadvantaged/ Transitional Hire Percent

2019-20	15%
2018-19	14%
2017-18	15%
2016-17	17%

By the Numbers

Contract Administration

253,826 Hours	LOCAL JOBS CREATED
107,755 Hours	DISADVANTAGED/TRANSITIONAL WORKERS HIRED
97,448 Hours	LOCAL APPRENTICE PROGRAM
\$362,188	RESTITUTION TO PREVAILING WAGE WORKERS
\$1,081,216	RESTITUTION TO LIVING WAGE WORKERS
\$85,966	MINIMUM WAGE RESTITUTION, FINES AND PENALTIES
7,721	PAID SICK LEAVE HOURS RECOVERED
46 miles	REHABILITATED SEWERS
80,187	SPECIAL PERMITS INSPECTED ON PRIVATE DEVELOPMENT, UTILITY AND SEWER CONSTRUCTION
556	EMERGENCY SEWER REPAIRS
111,807	LINEAR FEET OF SIDEWALKS REPAIRED
\$9,647,445	REINVESTED TO LOS ANGELES RESIDENTS FOR 44 PROJECTS
\$60,959.541	LBE'S VERIFIED IN CONSTRUCTION CONTRACT FOR 6 AWARDS
3,817 Angelenos Reached	94 OUTREACH EVENTS
4,326	PROGRESS PAYMENTS
\$413,993,125	VALUE OF PROGRESS PAYMENTS



Bureau of Engineering

eng.lacity.org



Construction of the Sixth Street Bridge

THE BUREAU OF ENGINEERING (ENGINEERING) is the City's lead agency for the planning, design and construction management of public buildings, infrastructure and open space projects. Engineering's infrastructure projects include police and fire stations, recreational and cultural facilities, sidewalk repairs, bridges, street and transit projects. Engineering also manages construction and design of stormwater and wastewater system projects. Open space projects include the development of parks, landslide repairs and the restoration of wetlands. In addition, Engineering is leading the design and construction of temporary housing for homeless Angelenos, as well as revitalization of the Los Angeles River. Engineering also manages permitting for construction in the public right-of-way, as well as the City's state-of-the-art online mapping system. Engineering's projects are nationally-recognized in the areas of environmental sustainability, design and construction management. Project development includes extensive community engagement and fully supports the City's goals of creating a prosperous, livable and resilient city for all residents and businesses.

KEY PROGRAMS AND PROJECTS

HOMELESS HOUSING PROGRAM

Since 2019, Engineering has been the City's leader in the design and construction of temporary housing for homeless Angelenos. To date, Engineering has constructed 15 homeless projects, with 1,357 beds for Angelenos in need. These include A Bridge Home facilities in tensile structures or prefab structures, HHH-funded facilities, and Tiny Home Villages. We also provided infrastructure and placed utilities for emergency temporary housing using 300 recreational vehicles. By summer of 2021, Engineering will have completed 20 projects for a total of 1,955 beds.

ROBERTSON RECREATION CENTER

The \$11 million Robertson Recreation Center in Council District 5 included the construction of a new neighborhood gymnasium with community rooms to serve the South Robertson area. The project includes landscaped areas and exterior recreational amenities such as an outdoor basketball court, exercise equipment, and picnic and sitting spaces. Additionally, the new building extends along Preuss Road to create a sound barrier for area residents. The new 11,775 square foot facility is particularly notable for its design, which allowed us to preserve many of the existing street trees, created gently undulating facades along the streets, and an overall massing that steps down to respond sensitively to the lower scale of the surrounding neighborhood.



Robertson Recreation Center

NORTH ATWATER EQUESTRIAN AND PEDESTRIAN BRIDGE

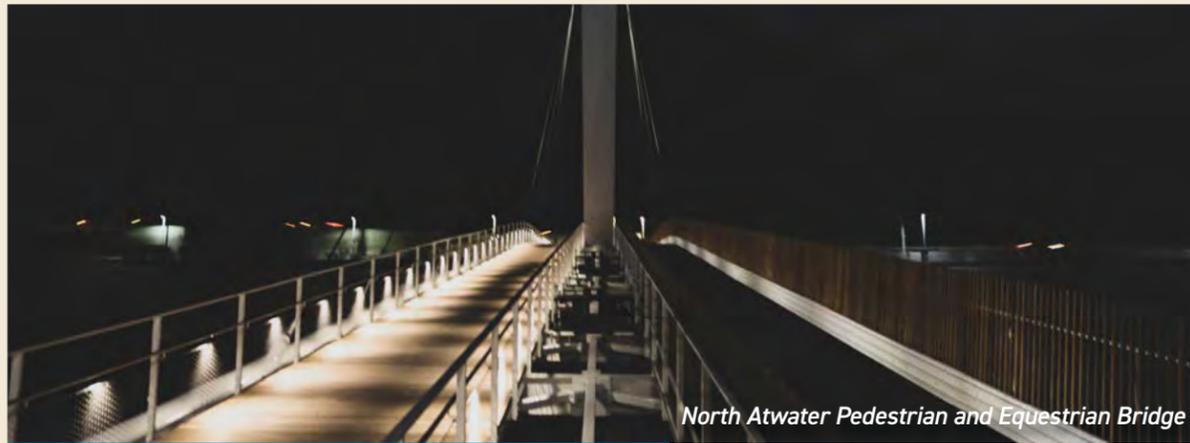
The \$14.3 million North Atwater Bridge is the City's first cable-stayed bridge, located approximately one-half mile north of Los Feliz Boulevard. The new bridge is 325 feet long and 35 feet wide. It connects the two banks of the Los Angeles River, from the equestrian area in Atwater Village to horse trails in Griffith Park. The bridge has two separate paths, one for pedestrians and bicyclists, and the other path for equestrian use. It is notable for its tall, articulated cable mast that rises near the center of the River, and at night the dramatic lighting makes the bridge a clearly visible landmark. This crossing is a project from the City's Los Angeles River Revitalization Master Plan and is located in Council Districts 4 and 13.

POTRERO CANYON - PHASE I - GRADING

The Potrero Canyon Park will be a 46-acre passive park and is being completed in two (2) phases in the Pacific Palisades community. Phase I of the project is complete. This phase consisted mainly of grading and buttressing the canyon slopes to stabilize them and prevent future landslides. The project also provided for construction of 10 tiered basins with impermeable liners that run down the length of the park to retain water and restore the riparian habitat that was removed during the initial filling of the canyon in the early 1990s. A sewer line was installed to service the future restroom, and a water force-main was installed to deliver water diverted from the existing storm drain at the bottom of the canyon to the top of the canyon to supply the riparian basins. In total, nearly 1,000,000 cubic yards of soil were moved and 4,600 cubic yards of cobble stone and riprap were placed to create the cobblestone streams within the basins. The second phase of work will install all of the landscaping and irrigation within the canyon, and complete the park development by early 2022. The park is located in Council District 11.

WESTWOOD NEIGHBORHOOD GREENWAY PROJECT

The Westwood Neighborhood Greenway project is an approximately 1,200 feet stretch of right-of way located along Exposition Boulevard between Overland Avenue and Westwood Boulevard in Council District 5. The project provided urban runoff treatment for dry and wet weather flows from drainage areas surrounding the project site, provides green space, access to public transit, and educational and recreational opportunities for the Westwood community. The project implemented major Best Management Practices (BMPs), with pollution abatement devices to assist the City to comply with the California Water Quality Control Board to meet Total Maximum Daily Loads for the Ballona Creek watershed. The project built a diversion structure and installed an electrical and mechanical system to help recirculate the stormwater as a continuous loop. The project includes pump stations and parallel vegetated bioswales on both to treat stormwater. The project also includes removal of invasive plants and replaces them with many native and drought tolerant plants.



North Atwater Pedestrian and Equestrian Bridge



Potrero Canyon Park



Homeless Housing - Chandler Tiny Home Village

By the Numbers

Engineering

176	NEW PROJECTS AWARDED
167	PROJECTS COMPLETED
46	PROPOSITION 0 CLEAN WATER BOND WASTEWATER COLLECTION AND TREATMENT PLANT PROJECT COMPLETED
\$45,603,000	COLLECTED REVENUE 2019-20
3,512	S PERMITS ISSUED
4,372	TOTAL NUMBER OF A PERMITS ISSUED
637	B PERMITS PLAN CHECK FIRST CHECK COMPLETED
3,398	JOBS CREATED IN FISCAL YEAR 2019-20
\$261.4	CONSTRUCTION PROJECTS AWARDED IN MILLIONS



Westwood Greenway Project

Number of Clean Water Capital Projects

2019 - 2020	46
2018 - 2019	38
2017 - 2018	44
2016 - 2017	44

Percentage of A Permits in Under 60 minutes

2019 - 2020	100
2018 - 2019	99.6
2017 - 2018	99.4
2016 - 2017	99.1



Bureau of Sanitation

lacitysan.org



The Bureau of Sanitation (BOS) administers the City of Los Angeles's Clean Water, Solid Resources, Watershed Protection, and Environmental Quality Programs with the mission to protect public health and the environment. BOS has experienced significant growth in all of our service areas with an ever-growing focus on managing our commitments to cleaner neighborhoods, sustainable infrastructure, and healthy land, water, and air. The acute circumstances of the global COVID-19 pandemic have only further highlighted the utmost importance of public health and safety. BOS adapted to and quickly met this ongoing, unprecedented challenge.

PANDEMIC EFFORTS BY BOS

In March, as public concern about coronavirus escalated, BOS reacted quickly to maintain vital services for Angelenos while also protecting its staff. A few of these initiatives include:

- Creation of LASANitizer products by BOS chemists for department-wide use.
- Participated in nationwide studies to measure coronavirus in wastewater, which could identify early indicators of future outbreaks.

- Ensured through 1,700 front-line workers that our wastewater was safely conveyed and treated; that our trash and recycling was collected every week as scheduled; and that our livability services continued to protect public health in and around our unsheltered neighbors.
- Reassigned 300 staff as Disaster Service Workers who performed contact tracing, assisted at testing/vaccination sites, and assisted with operations at pandemic-related hotels around the clock.
- Filmed educational videos and virtual tours to replace in-person workshops.

CLEAN WATER PROGRAM

RECYCLED WATER AT HYPERION On February 21, 2020, Mayor Eric Garcetti announced that L.A. will recycle 100% of the City's wastewater by 2035 — a major step to expand water recycling and reduce reliance on imported water. In the effort of advancing our goal for Hyperion Water Reclamation Plant (HWRP) to transform into a 100% water recycling facility by 2035, our engineering team began the design of the Advanced Water Purification Facility (AWPF) that will provide 1.5 million gallons per day of recycled water for use at LAX, offsetting potable water demand.

The Hyperion Membrane Bioreactor (MBR) Pilot Facility is another important milestone for HWRP's transformation. This pilot project was launched with our partners, Los Angeles Department of Water and Power and West Basin Municipal Water District, and will test membrane technologies from major vendors, demonstrate bioreactor performance to the regulatory community, and provide a basis for future designs.

TERMINAL ISLAND ADVANCED WATER PURIFICATION FACILITY

The Advanced Water Purification Plant (AWPF) at Terminal Island Water Reclamation Plant underwent its ultimate expansion to become a Zero Wasted Recycled Water Production facility where 100% of plant flow can receive advanced treatment to produce 12 million gallons per day, or 13,450 acre-feet per year. Last year, AWPF completed its in-plant recycled water distribution line, adopted the goal to maximize the delivery of 90% in-service of recycled water and executed three recycled water customer agreements to reduce our reliance on potable water.

SOLID RESOURCES PROGRAM

recycLA

Thanks to recycLA, over 66,000 businesses and multi-family residences within the City are now able to recycle! recycLA service providers (RSPs) are contractually bound to meet stringent landfill diversion goals, invest in waste recycling infrastructure, and develop innovative strategies to help meet state-mandated recycling laws and become a landfill-free City. RSPs are also held to the highest standards in providing waste collection services to its customers, and BOS regulates the RSPs' services requirements.

Through the RSPs, 3,089 tons of food was rescued from local businesses and safely distributed to partners who shared with those in need. In December, a food pantry pop-up event was held at LA Harbor College in conjunction with Athens Services and St. Francis Center. Students were encouraged to come take whatever food they needed.

ORGANICS

Given that recycling organic waste reduces greenhouse gas emissions, BOS is working on additional programs that will beneficially reuse food waste and compostable materials, thus diverting them from landfills. The In-Sink Pilot program has completed studies to identify the best approach for encouraging and implementing high-powered garbage disposals for sending food through our sewer systems. The LAWA program expanded to bring in additional food from airline lounges throughout the airport. This year, 273,555 pounds of food waste was received and recycled compared to only 240,088 pounds last year.

WATERSHED PROTECTION PROGRAM

SAFE, CLEAN WATER

As the lead agency for watershed management and water quality compliance programs in the City of Los Angeles, BOS continues to facilitate the rollout of the Safe Clean Water Program for the City's three watersheds - Upper

Los Angeles River, Central Santa Monica Bay, and South Santa Monica Bay. The Safe Clean Water Program includes both regional and municipal elements. BOS submitted 11 projects during the first round of a Regional Call for Projects and adopted an ordinance to support this monumental opportunity to improve our water quality and transform our watersheds for all to enjoy. The City of Los Angeles will also receive an estimated \$37 million annually in municipal funds to support important new and ongoing water quality programs and projects.

AVENUE 19 ROAD RESTORATION

The Emergency Sewer Repair Project at the North Outfall Sewer, which reaches from Avenue 19 to Humboldt Street was completed. As part of final construction, Avenue 19 was restored to its pre-construction condition with bright, fresh striping of the roadway. This vital infrastructure project cleaned the sewer pipeline in that area to prepare for the rehabilitation of 2,000+ linear feet of pipeline; repair and reconstruction of the NOS, sewer pipeline voids and maintenance holes; and installation of a sewer bypass system and wet well to ensure continuous wastewater system services to our valued customers throughout the project.

RED TIDE

When the Red Tide and bioluminescence were noticed on the coast in May 2020, BOS's Environmental Monitoring Division immediately took samples, identified the organism causing the phenomenon, and reported back. Unfortunately, some fish in the Ballona Lagoon did not survive the Red Tide and crews were dispatched immediately to clean up.

ENVIRONMENTAL QUALITY PROGRAM

LIVABILITY SERVICES

Since October 2019, thirty CARE/CARE+ teams have been regionally deployed. Service recently expanded to include CARE+ comprehensive cleanings at A Bridge Home Special Cleaning Zones, offering additional services. From April to June in response to the pandemic, the team assisted the City's Unified Homeless Response Center efforts to provide shelter services at Recreation and Park (RAP) facilities to people experiencing homelessness, deploying Mobile Hygiene Units to locations that lacked on-site shower facilities and provided staffing for 10 rented shower units acquired by RAP. All of this work was completed in addition to performing cleanups of illegal dumping across the City.

BIODIVERSITY

In order to meet biodiversity goals set forth in LA's Green New Deal, the BOS Biodiversity team has created the LA Biodiversity Index, a customized biodiversity index specifically tailored to the local environment. The index has 25 metrics that will help assess biodiversity in the City of Los Angeles and measure progress towards meeting biodiversity goals over time. The index framework and the concept of ecotopes, management units that break down the City into areas of similar biotic and abiotic characteristics, were shared with the Biodiversity Expert Council in late spring 2020.

TREE PLANTING

BOS is committed to greening the most disadvantaged communities in the City of Los Angeles and supports the Mayor's Green New Deal urban forestry goals through grant-funded programs. In 2019-20, BOS planted 1,883 street trees and removed 21,161 square feet of concrete (0.49 acre) to create new tree wells, as well as watered and maintained 1,600 trees. BOS has a unique ability to plant trees in the most barren areas in the City by providing greening and increasing canopy around schools, along busy transit corridors, and shading small business areas. BOS also plants in residential areas where residents are willing to adopt free street trees.

BROWNFIELDS

The Citywide Brownfields Program aided in the transformation of a City-owned vacant, underutilized lot in Council District 7 by conducting environmental due diligence to ensure that the site was safe for reuse. This was part of the City's Adopt-A-Lot (AAL) Pilot Program that reimagines the potential of vacant lots as productive community assets. In February, the Citywide Brownfields Program helped celebrate the grand opening of the "Adopt-A-Lot" North Hills Community Space and Garden. With the collaborative efforts of Councilwoman Monica Rodriguez and nonprofit partners, the City-owned vacant lot was converted into a community gathering space with garden beds, flexible play pieces, seating benches with attached umbrellas, a long picnic table with benches, and an open field to promote free play.

OTHER PROGRAMS, EVENTS, AND EFFORTS

ENVIRONMENTAL JUSTICE

BOS has taken steps to integrate Environmental Justice (EJ) actions within existing BOS operations. The program and project approval forms are being evaluated for modifications to ensure that projects within EJ communities receive additional consideration for prioritization and approval. BOS proposed a collaboration between the LA Industry Program and the Clean Up Green Up (CUGU) Program to create synergy between the two efforts to work more effectively with the business communities.

CLEAN UP GREEN UP (CUGU)

BOS revamped the CUGU Work Plan to focus on the implementation of new internal policies to reduce BOS's carbon footprint and environmental impacts. Environmental justice training was provided to all 3,100 staff members, training them to recognize and mitigate potentially hazardous operations in disadvantaged communities. Over 1,500 inspections were conducted by Environmental Compliance Inspectors in sensitive areas to identify potential environmental violations in support of the CUGU initiatives. In February, BOS hosted the CUGU Forum for community and government stakeholders to update them on BOS's recent efforts and provide an opportunity for discussion with valuable input to the CUGU program.

GREEN BUSINESS CERTIFICATIONS

The Los Angeles Green Business Program (LAGBP) has certified 822 local businesses. The program has a goal of reaching out to restaurants due to AB1826 and SB1383 statewide food waste mandates, as well as businesses within underserved communities. The LAGBP was adapted through the quarantine restrictions and prepared for conducting virtual site visits in FY 2020-21. The program actively participates in the California Green Business Network committees to evaluate the existing certification checklists and prepare to assist the underserved communities to help rebuild the economy, improve public health, reduce inequality, and address climate change.

FREE COMPOSTING WORKSHOPS

When pandemic safety precautions required the temporarily halt of home composting workshops, BOS filmed home composting and urban gardening workshops to virtually help residents turn food scraps into useful soil amendment. You can view the videos at www.lacitysant.org/compostworkshops.

By the Numbers

Sanitation

12,184	TONS OF FOOD DIVERTED FROM LANDFILLS
250,454	CUBIC YARDS OF RECYCLED MATERIALS BEING COLLECTED EACH WEEK UNDER recycLA
541	NEAR ZERO EMISSION NATURAL GAS VEHICLES HAVE REPLACED DIESEL TRUCKS UNDER recycLA
64,222	CATCH BASINS CLEANED
138,996	SEWER PIPES CLEANINGS
1,883	TREES PLANTED IN DISADVANTAGED COMMUNITIES
25,990	TONS OF MATERIAL COLLECTED FROM ILLEGAL DUMPING AND HOMELESS ENCAMPMENTS
313,000,000	GALLONS OF WASTEWATER CLEANED EACH DAY THROUGH 4 WATER RECLAMATION PLANTS
4.1 million	POUNDS OF HOUSEHOLD HAZARDOUS WASTE COLLECTED AT S.A.F.E. CENTERS
2,857	AVERAGE DAILY CALLS RECEIVED BY THE CUSTOMER CARE CENTER (7 DAYS PER WEEK)
3.06	AVERAGE CUSTOMER CARE CENTER WAIT TIME
2,397	LOW IMPACT DEVELOPMENT PROJECTS APPROVED BY BOS AND INSTALLED AROUND THE CITY
42,270	MATTRESSES COLLECTED FOR RECYCLING



Bulky Item Pickup by Next Collection Day

2019-20	858,221
2018-19	787,464
2017-18	690,729
2016-17	580,971

Percentage of Recycled Water at Hyperion

2019-20	28.2%
2018-19	25.6%
2017-18	28.6%
2016-17	28.1%

Percentage of Recycled Water at all 4 Treatment Plants

2019-20	38.3%
2018-19	36.1%
2017-18	38.5%
2016-17	38.1%

Bureau of Street Lighting

bsl.lacity.org



The City of Los Angeles has the second largest street lighting system in the nation with over 223,000 streetlights and over 400 different styles. The Bureau's mission is "To provide reliable lighting that enhances safety for all residents and visitors". The system is an integral part of the City, providing many different functions during the day and night. It not only provides lighting for Angelenos and visitors at night, makes streets safer for drivers, pedestrians and cyclists, encourages after-dark outings to restaurants, stores, theaters and outdoor events and provides a sense of community identity. The Bureau has many different programs with a few highlighted below.

SMART CITY

Smart Street Lighting is being recognized by many cities as a first step toward the development of a SMART City. In addition to increasing energy efficiency of the City and reducing energy costs, carbon emissions, and maintenance costs, intelligent lighting can also provide the backbone for a range of other city applications, including public safety, traffic management, smart parking, environmental monitoring, and extended Wi-F/cellular communications. The Bureau is working on several projects as technology advances, including SMART nodes, Air Qualify Sensors, EV Chargers, digital banners, and transitional lighting near event centers. BSL has been installing remote monitoring units on streetlights that report when a streetlight is malfunctioning, and to some degree the nature of the problem. We will utilize new technology in the near future to enhance the information and uses for these nodes attached to our streetlights.

HIGH VOLTAGE CONVERSION

The City of Los Angeles has approximately 2,500 remaining high voltage streetlights in the City which will be converted to energy efficient, low voltage LED street lights. The Bureau is in the fourth year of the 5-year program, with a completion date in Fiscal Year 2021-2022.

ELECTRIC VEHICLE CHARGING STATIONS

The Bureau has installed 432 Electric Vehicle (EV) Charging Stations throughout the City, which are attached to the existing Streetlights. This program is part of the City's Sustainable City PLAN to provide a network of EV Charging Stations to encourage the expansion of electric car use in

the region. The Bureau will continue to install additional EV chargers throughout the City.

CO-LOCATION/TELECOMMUNICATION ATTACHMENTS

The City of Los Angeles has a resident population of approximately 4 million and as more communication devices are being used with the need for faster service, the demand and need to attach additional antennas and cabinets are required. These attachments are required Citywide and will strengthen the City's cellular coverage for constituents, businesses, visitors and for use during emergency situation.

Within the public-right-of-way there are few options where these communication systems can be installed; cabinets within the sidewalk area; the addition of a monopole (single pole installed just to hold up the antennas); and on a streetlight. Streetlights are the best option since they are at the optimum height, have an existing electrical infrastructure, and do not add an additional structure into the public right of way. It is for this reason the Bureau has implemented the co-location program.

VISION ZERO/MID-BLOCK CROSSWALK

The Vision Zero is a road safety policy that promotes smart behaviors and roadway design to reduce collisions that result in severe injury or death. Street Lighting plays an important role in the public safety of vehicles and pedestrian traffic to provide nighttime visibility of and for pedestrians crossing the street. The Bureau designs and constructs increased lighting at mid-block crosswalks and intersections, to ensure the safety of Angelenos throughout the City.

Total Number of Electric Vehicle Chargers Installed

2019-20	150
2018-19	150
2017-18	50
2016-17	50

New Streetlights Installed

2019-20	1,896
2018-19	949
2017-18	1374
2016-17	2473

Street Lighting Maintenance Assessment Fund Revenue in Millions

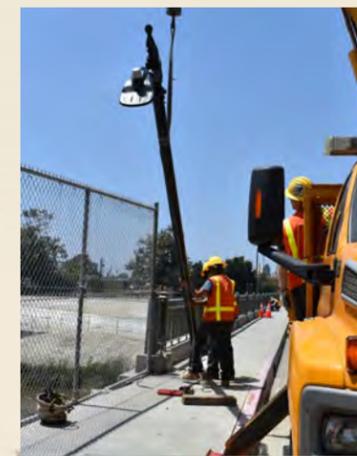
2019-20	\$45.8M
2018-19	\$46.1M
2017-18	\$45.4M
2016-17	\$45.4M



By the Numbers

Street Lighting

68,564 MT	METRIC TONS OF CO2 EMISSIONS REDUCED (LED PROGRAM TOTAL)
4,330 Units	HIGH VOLTAGE UNITS CONVERTED TO LOW VOLTAGE
14.1	AVERAGE DAYS FOR SINGLE LIGHT REPAIR
19.3	AVERAGE DAYS FOR MAJOR STREETLIGHT REPAIRS
99.24%	LIGHTING OPERATING %
1,110	LIGHT BANNER PERMITS APPROVED
1,896	NEW STREETLIGHTS INSTALLED
632	REMOTE MONITORING NODES INSTALLED ON STREETLIGHTS FOR FY 2019-20
97%	ELECTRONIC PLAN CHECKS PROCESSED
976	CO-LOCATED CELL TECHNOLOGY ATTACHMENT PERMITS APPROVED
150	ELECTRIC VEHICLE CHARGING STATIONS INSTALLED IN FY 19-20
125	TUNNEL CONVERTED TO LED LIGHTING
80	PEDESTRAIN CROSSWALK LIGHTING UPGRADES



Bureau of Street Services

streetsla.lacity.org



The Bureau of Street Services' mission is to enhance the quality of life for all by making LA streets safer, mobile, and sustainable. The 2019/2020 year has been proof that the men and women of Street Services are deeply committed to serving and improving our communities. As we faced off with a global pandemic, Street Services staff geared up every day to provide essential services to the residents of the City of Los Angeles. Guided by a new five-year Strategic Plan, we launched new programs to maximize our approach to services, such as the ADAPT Program which made use of reduced traffic during Stay-at-Home orders to repair commercial corridors. Street Services provided core services that keep this city running: resurfacing streets, trimming trees, filling potholes, repairing sidewalks, paving alleys, and installing access ramps. Our workers selflessly became Disaster Service Workers to assist the most vulnerable of our neighbors and amplify the City's efforts to fight the pandemic. We are very proud of our fearless brothers and sisters on the frontlines for all their accomplishments during this uniquely challenging year.

PROGRAMS LAUNCHED

ADJUSTED DEPLOYMENT TO ACCELERATE PAVING / SWEEPING IN HIGH TRAFFIC CORRIDORS (ADAPT)

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ALLEY PROGRAM

This program is important because the availability of funds to pave alleys has been limited in the past and conditions have deteriorated as maintenance was deferred. The City's street network includes over 1,250 lane miles of alleys. Many have surpassed their useful life and are prime candidates for repaving.

COOL STREETS

To respond to the increasing threat of heat in our neighborhoods, Street Services continues to increase our efforts to test and deploy techniques that will cool our streets. In July 2015, Street Services partnered with Recreation and Parks and GSD to install a test patch of Cool Pavement Coating at Balboa Sports Complex. In 2017 we obtained funding to install Cool Seal on city blocks in each of the 15 Council Districts. In 2019 we installed the cool seal on a neighborhood level in 5 locations.

FUSE CLEAN AIR PROGRAM

The FUSE Clean Air program will measure and reduce the Greenhouse Gas and Air Pollution Emissions in Street Services operations, focusing on vehicles and the materials used in construction and maintenance activities. FUSE is a non-profit that enables public agencies to hire policy professionals for a one-year fellowship.

INVESTIGATION AND ENFORCEMENT

Provides investigation and enforcement, and regulatory services to protect public safety and improve neighborhood quality-of-life by proactively enforcing municipal ordinances and laws. Street Services responds to more than 30,000 annual investigation requests received by MyLA311 and oversees the City's new Sidewalk Vending Program.

During the COVID-19 period, Investigation and Enforcement shifted the focus to promote compliance with public health orders and facilitated the reopening of Farmers Markets citywide.

MEDIAN ISLAND MAINTENANCE

Median islands are a highly visible component of the City's green infrastructure and sometimes the only green space within view. While landscaped medians are often taken for granted, their condition is important as they add a sense of identity to neighborhoods and many local "Main Streets" across the City.

RISK AND LIABILITY SIDEWALK PROGRAM

The Risk and Liability program improves pedestrian access and mobility through Los Angeles neighborhoods, while also seeking to reduce litigation costs by preventing hazards along our rights of way.

TREE INVENTORY

Street Services has contracted Davey Resources Group to conduct an inventory of over 700,000 street trees and vacant planting locations. Information about each street tree, including species and size, as well as vacant planting locations are available to the public online at <https://streetsla.lacity.org/tree-inventory>, a mobile-friendly website, integrated with the inventory of trees in the City parks.

KEY MILESTONES

STREET NETWORK

To transform LA streets into a world class street network, Street Services extended the life cycle of our roadways by applying proper maintenance. We paved and slurried 1,855 lane miles, maintaining PCI at 71 and 62% of streets in good condition.

Reconstructed 361,000 square feet of concrete streets.

Reconstructed 16 lane miles of alleys and 60 lane miles of failed asphalt streets.

Initiated a 5-Year Street Renewal Plan with selection criteria, completed schedule for FY 20-21 and FY 21-22, and published a public, online map for upcoming street renewal projects.

Completed the preliminary report to measure impact of heavy trucks on condition of streets to consider possible cost recovery options to mitigate these impacts.

Completed current phase construction of Crenshaw / LAX Transit Project-related improvements.

SUSTAINABILITY AND PUBLIC HEALTH

Repaired staff repaired 20,000 square feet of sidewalks at over 118 locations.

Reconstructed 581,000 square feet of sidewalks.

3,000 temporary sidewalk repairs to address unsafe sidewalk conditions.
Installed 315 Access Ramps

Patched over 820,000 square feet of potholes in 50,000 locations, responding to service requests in an average of just 1.5 days.

Developed and launched the Sidewalk and Park Vending Program, issuing 574 Sidewalk Vending permits.

In our efforts to enhance sustainability and resiliency of streets, sidewalks, and the Urban Forest, StreetLA's staff initiated and completed 5 Cool Pavement Programs.

Swept 240,000 curb miles and removed over 180,000 cubic yards of debris. Adapted to COVID-19 by shifting weekly street sweeping from residential areas to commercial corridors.

Responded promptly to public demonstrations and protest marches with cleanups of roadways and sidewalks.

Trimmed 37,000 trees and planted more than 1,400 trees.

Contracted Davey Resources Group to procure a Tree Asset Management System to improve the health of our Urban Forest and enhance the urban canopy, completing more than four Neighborhood Council surveys and launching the online tree inventory.

Worked with the City Council and City Forest Officer on the adoption and implementation of the Guaranteed Tree Program.

Responded to over 15,000 tree emergency service requests and 7,000 tree obstruction requests.

Hosted the 2nd Annual Tree Summit with 200 participants.

Working Smarter

Hired 21 Targeted Local Hire workers.

Completed the selection process for the Enterprise Asset Management System.

Completed Concept reports for projects to integrate stormwater capture in underground cisterns to water trees and green medians.

Created software application for Street Services staff to interact with MyLA311 service requests quickly and efficiently in the field.

Established a Stakeholder Advisory Council and convened a Global Best Practices Streets Summit.

Trees Trimmed

2019-20	37,000
2018-19	33,615
2017-18	33,554
2016-17	36,036

Pedestrian Access Ramps Installed (All Funds)

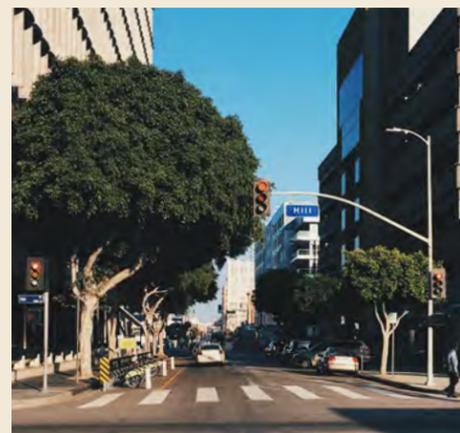
2019-20	315
2018-19	556
2017-18	532
2016-17	526

Pavement Condition Index

2019-20	71
2018-19	70
2017-18	68
2016-17	68

Service Requests Submitted

2019-20	140,124
2018-19	168,380
2017-18	135,487
2016-17	135,500



By the Numbers

Street Services

1,800	<i>PAVEMENT PRESERVATION LANE MILES</i>
820,000	<i>SMALL ASPHALT REPAIRS - SQUARE FEET</i>
361,000	<i>CONCRETE STREET RECONSTRUCTION - SQUARE FEET</i>
240,000	<i>STREET SWEEPING - CURB MILES SWEEPED</i>
1.5	<i>STREET POTHOLE TURNAROUND TIME IN WORKING DAYS - AVERAGE</i>
37,000	<i>TREES TRIMMED</i>
1,400	<i>TREES PLANTED</i>
581,000	<i>SIDEWALK RECONSTRUCTION INCLUDING LOCATIONS RECEIVED FROM THE BUREAU OF ENGINEERING SIDEWALK REPAIR PROGRAM - IN SQUARE FEET</i>
315	<i>PEDESTRIAN ACCESS RAMPS INSTALLED - ALL FUNDING SOURCES</i>
556,000	<i>SIDEWALK RECONSTRUCTION INCLUDING LOCATIONS RECEIVED FROM THE BUREAU OF ENGINEERING SIDEWALK REPAIR PROGRAM - IN SQUARE FEET</i>



Adopted Budget

Fiscal Year 2019-20

Sources Of Funding	Board Of Public Works	Contract Administration	Engineering	Sanitation	Street Lighting	Street Services	TOTALS
General Fund	19,509,119	27,127,190	38,278,029	25,371,441		48,689,470	158,975,249
Solid Waste Resource Revenue Fund	312,535			209,564,304			209,876,839
Special Gas Tax Street Improvement Fund	309,390	442,273	4,714,621		3,049,186	61,308,755	69,824,225
Road Maintenance & Rehabilitation Program	49,435						49,435
Stormwater Pollution Abatement Fund	98,809	332,713	3,943,813	13,964,611		5,907,165	24,247,111
Mobile Source Air Pollution Reduction Fund			139,104				139,104
Measure W Local Return Fund				1,613,008			1,613,008
Sewer Operation & Maintenance Fund	2,261,958			272,353,072	214,752		274,615,030
Sewer Capital Fund	1,132,666	9,607,891	44,658,246	7,862,416	27,585,078		63,475,971
Street Lighting Maintenance Assessment Fund	339,559	161,694	102,519				28,188,850
Arts & Cultural Facilities & Services Fund	100,000						100,000
Telecommunications Development Fund			108,969				108,969
Prop A Local Transit Fund		115,585			2,205,335	2,284,256	2,399,841
Prop C Anti-Gridlock Transit Fund	139,456	3,645,184	8,067,049		3,200,471	9,385,942	24,438,102
Los Angeles Regional Agency				107,308			107,308
MICLA 2017 Streetlights Construction Fund					3,402,983		3,402,983
Street Banners Trust Fund					107,477		107,477
Used Oil Collection Fund				597,804			597,804
Citywide Recycling Fund	117,179			18,279,561			18,396,740
Household Hazardous Waste Fund				2,959,052			2,959,052
Building and Safety Enterprise Fund			20,000				20,000
Street Damage Restoration Fee Fund			707,678			34,822,010	35,529,688
Measure R Local Return			447,436		516,545	25,920,855	26,884,836
Central Recycling Transfer Station Fund				1,188,111			1,188,111
Multi-Family Bulky Item Special Fund				3,844,870			3,844,870
Sidewalk Repair Fund	258,760	573,738	1,726,775			8,713,382	11,272,655
Measure M Local Return Fund		2,716,245	1,614,038		1,066,824	11,827,082	17,224,189
TOTAL FUNDS	24,628,866	44,722,513	104,528,513	557,705,558	39,143,316	208,858,917	979,587,447

Actual Program Cost by Board Office and Bureau

Fiscal Year 2019-20

BOARD OFFICES

ACTUAL PROGRAM COST*

OFFICE OF COMMUNITY BEAUTIFICATION	\$14,805,412
PROJECT RESTORE	\$145,507
OFFICE OF ACCOUNTING	\$5,567,942
FINANCIAL SYSTEMS/REPORTING	\$740,017
PETROLEUM ADMINISTRATION	\$723,616
BOARD OF PUBLIC WORKS AND BOARD SECRETARIAT	\$7,383,908
SUBTOTAL	\$29,366,403

CONTRACT ADMINISTRATION

CONSTRUCTION INSPECTION	\$28,817,073
CONTRACT COMPLIANCE	\$6,802,884
GENERAL ADMINISTRATION AND SUPPORT	\$2,867,175
SUBTOTAL	\$38,487,132

ENGINEERING

PUBLIC BUILDINGS AND OPEN SPACES	\$17,180,508
CLEAN WATER INFRASTRUCTURE	\$37,370,367
DEVELOPMENT SERVICES AND PERMITS	\$16,965,850
MOBILITY	\$15,572,992
SIDEWALK & COMPLETE STREETS	\$2,527,686
GENERAL ADMINISTRATION AND SUPPORT	\$9,289,591
SUBTOTAL	\$98,906,994

SANITATION

ACTUAL PROGRAM COST*

CLEAN WATER	\$267,251,224
ENVIRONMENTAL QUALITY	\$37,202,009
SOLID RESOURCES	\$224,715,988
WATERSHED PROTECTION	\$16,243,372
SUBTOTAL	\$545,412,594

STRET LIGHTING

DESIGN AND CONSTRUCTION	\$29,333,791
SYSTEM OPERATION, MAINTENANCE AND REPAIR	\$11,137,577
STREET LIGHTING ASSESSMENT	\$993,843
GENERAL ADMINISTRATION AND SUPPORT	\$3,259,947
SUBTOTAL	\$44,725,158

STREET SERVICES

INVESTIGATION AND ENFORCEMENT	\$8,800,435
STREET CLEANING	\$12,842,997
STREET TREE AND PARKWAY MAINTENANCE	\$23,348,029
MAINTAINING STREETS	\$20,561,410
PAVEMENT PRESERVATION	\$106,284,250
STREET IMPROVEMENT CONSTRUCTION	\$33,252,759
STREET IMPROVEMENT ENGINEERING	\$9,347,064
GENERAL ADMINISTRATION AND SUPPORT	\$8,774,838
SUBTOTAL	\$223,211,782

GRAND TOTAL

\$980,110,062

**Actual Program Cost includes encumbrances, interim appropriations, re-appropriations, and direct appropriations from expenses and equipment from special funds, such as CIEP, MICLA, SCM, etc.*

CITY OF LOS ANGELES

Eric Garcetti, Mayor

Mike Feuer, City Attorney

Ron Galperin, City Controller

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Bob Blumenfeld, *District 3*

Nithya Raman, *District 4*

Paul Koretz, *District 5*

Nury Martinez, *District 6*

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Marqueece Harris-Dawson, *District 8*

Curren D. Price, Jr., *District 9*

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Mitch O'Farrell, *District 13*

Kevin de León, *District 14*

Joe Buscaino, *District 15*

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Aura Garcia, *Vice President*

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Teresa Villegas, *Commissioner*

BUREAUS

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Bureau of Engineering

Gary Lee Moore, *P.E., City Engineer*

Bureau of Sanitation

Barbara Romero, *Director and General Manager*

Bureau of Street Lighting

Miguel Sangalang, *Executive Director*

Bureau of Street Services

Keith Mozee, *Director and General Manager*

Offices of the Board of Public Works

Dr. Fernando Campos, *Executive Officer*



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