

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



2022-2023 ANNUAL REPORT

July 1, 2022 – June 30, 2023

■ 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, Film and Television Production, City Forest Management and Petroleum and Natural Gas and Safety Administration.

■ Table of Contents

Our Mission	2
Mayor's Message	4
Board of Public Works President's Message	5
Board of Public Works/Commissioners	6
Board of Public Works - By the Numbers/ Key Department Program Areas	7
Executive Officer and Board Offices	10
Office of Accounting	9
Office of Community Beautification	10
Climate Emergency Mobilization Office	11
Office of Film and Television Production	12
Offices of Financial Systems and System Services	12
Office of City Forest Management	13
Office of Petroleum and Natural Gas Administration and Safety	14
Project Restore	15
Bureau of Contract Administration	16
Bureau of Engineering	18
Bureau of Sanitation	20
Bureau of Street Lighting	22
Bureau of Street Services	24
Adopted Budget	26
Program Costs by Bureau	40

■ A Message from the Mayor of the City of Los Angeles

Dear Friends,

It is my great honor to serve you as Mayor of Los Angeles.

The Department of Public Works is a key component in maintaining and enhancing our quality of life, from building housing for people experiencing homelessness, to ensuring clean and safe streets and sidewalks, planting trees to provide shade, with a concentration in underserved communities, and keeping the lights on for public safety.

We can depend on these core services that Public Works provides on a daily basis, and for that we are grateful. The commitment, dedication and can-do-attitude the more than 6,000 employees of the Department of Public Works bring to work every day is the definition of public service.

This report highlights the Department's work during 2023. To the leaders on the Board of Public Works, and the Bureaus and offices you manage, thank you for all you do. I look forward to working with all of you as we together continue to make Los Angeles shine.

Sincerely,



KAREN BASS
Mayor



■ A Message from the Board President

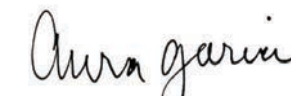
Dear Angelenos,

On behalf of the Board of Public Works, I am pleased to present the Department of Public Works' 2023 Annual Report.

Whether leading the City's storm response, rehabilitating streets and sewers, treating wastewater, restoring open spaces, maintaining the urban tree canopy, cooling neighborhoods affected by extreme heat, or enforcing worker protections, the more than 6,000 men and women of the Department work continuously on the City of Los Angeles' behalf.

Alongside the regular services Public Works delivers; this report showcases some of our innovative projects that are building a climate-adaptive, sustainable, and equitable infrastructure for Los Angeles. I want to thank all the Department's employees for the outstanding service they provide to the City's nearly four million residents year-round.

We invite you to read more about the work the Department of Public Works executes on an annual basis.



AURA GARCIA
Board President



■ The Board Of Public Works Commissioners 2022-2023



Aura Garcia
President



Teresa Villegas
Vice-President



Mike Davis
President Pro Tempore



Vahid Khoursand
Commissioner



Susana Reyes
Commissioner

Formed to represent Angelenos and amplify their voices in the Department of Public Works, the Board serves residents, providing a means of influencing the Department's operations and ensuring they enjoy access to its resources. Since its establishment by popular vote in 1906, the Board of Public Works has led the way on infrastructure, delivering facilities, resources, and services that serve the City's four million residents and more than 497,000 businesses.

BOARD COMMISSIONERS

The City's only full-time oversight and policy-making commission, the Board of Public Works comprises five city residents appointed by the Mayor of Los Angeles and confirmed by the City Council. Board members are community leaders who bring diverse perspectives and a wealth of expertise to their positions. The Board worked jointly with the five Bureaus and 11 Board Offices in managing an approximate \$778 million annual operating budget (excludes some special funds) with 5,338 regular authorized positions in FY 22-23.

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 and environmental programs. During FY 22-23, the Board awarded 214 contracts (i.e., construction/services and amendments/task orders) at approximately \$398 million (excluding 344 construction orders) 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 providing essential public services and programs like street services, street tree maintenance, sanitary sewers, wastewater treatment, recycling, and solid waste management.

Members of the FY 22-23 Board of Public Works were President Aura Garcia, Vice President Teresa Villegas, President Pro Tempore Mike Davis, Commissioner Vahid Khoursand, and Commissioner Susana Reyes. The Board convenes regular public meetings on Mondays, Wednesdays, and Fridays at 10 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 public participation. Residents may appear before the Board when it is in session, during Board-sponsored public hearings and through the Board's appeals process.

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, Climate Emergency Mobilization, Budget and Information Technology, including Financial (Fund) Management and Risk Management major sections.

■ The Board Of Public Works | By The Numbers

THE 5,338 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
468.67 SQUARE MILES¹

2022 LOS ANGELES CITY POPULATION
3,849,297²

POPULATION BREAKDOWN

- 48.1% | Hispanic or Latino
- 28.5% | White alone, *not hispanic or latino*
- 11.8% | Asian
- 08.8% | African American or Black
- 00.7% | American Indian
- 00.2% | Native Hawaiian and other Pacific Islander

HOUSING UNITS & FIRMS

- NUMBER OF HOUSING UNITS: **1,532,364**³
- NUMBER OF FIRMS: **487,999**

INFRASTRUCTURE BY THE MILE

- Centerline miles of streets (6,500) and alleys (800): **7,300**
- Miles of Sidewalks: **10,750**
- Miles of Storm drains: **1,220**
- Miles of Sewers: **6,700**

INFRASTRUCTURE BY THE NUMBERS⁴

- Street Trees in the Public Right of Way: **700,000**
- Street Lights: **223,000**
- Watersheds in the 3,000 Square Mile Los Angeles County Flood Control District: **4 of 6**
- Lakes Rivers and Creeks: **24**
- Catch Basins: **39,161**
- Gallons Of Wastewater and Water Reclamation Daily Average: **309,000,000**

CITY OF LOS ANGELES GENERAL FUND
ADOPTED BUDGET FY 2022-2023
\$11,480,288,112

PUBLIC WORKS BUDGET:
\$1,040,709,709

REMAINING CITY BUDGET:
\$10,439,578,403

DEPARTMENT OF PUBLIC WORKS

Bureau	Adopted Budget FY 2022-2023	Authorized Employees FY 2022-2023
TOTAL	\$1,040,709,709	5,338
Board	\$36,740,030	111
Contract Administreation	\$45,214,889	281
Engineering	\$104,891,911	710
Sanitation	\$607,357,208	3,156
Street Lighting	\$41,267,054	205
Street Services	\$205,238,617	875

■ Key Department Program Areas: *Featured Programs*

- Capital infrastructure (city facilities, bridges, etc.)
- Climate emergency mobilization
- Cool neighborhoods
- La film and television production
- Graffiti abatement
- Residential organics
- Keep los angeles beautiful
- L.A. River
- BuildLA
- Pavement preservation
- Petroleum and natural gas safety
- Bus shelters
- Smart poles
- Local targeted hiring
- Stormwater and watershed protection
- Streetlight conversions
- Tree planting, preservation, and canopy transportation projects (regional connector, purple line, etc.)

■ Executive Office and Board Offices

BOARD COMMISSIONERS

The Board of Public Works 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 and environmental programs. During FY 22-23, the Board awarded 120 contracts (i.e., \$54,922,680.00 in construction contracts, \$204,643,115.50 in personal services and amendments, \$190,502,468 in task orders) at approximately \$398 million to invest in the needs and activities of the City.

EXECUTIVE OFFICER AND BOARD OFFICES

Executive Office

The Executive Office supports the Board of Public Works in its commitment to serving 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 8,581 inquiries from the public and processed and disseminated 871 transmittals of Board actions.

Financial and Grants Management

The Executive Office is also responsible for various finance and administration activities, such as budget development, fund management of the Public Works Trust Fund (PWTF), and grant administration. For fiscal year end 2022/2023, the PWTF maintained more than 12,000 permit/bond deposits at an aggregate total of \$140.2 million with 41 revenue accounts and 11 active loans. During this fiscal year, this Office transferred \$8.5 million to the General Fund and \$3.3 million to the Special fund for a total of \$11.8 million from work related to B, E, and U permits, and collected \$91.6 million in outstanding loan (debt) balances. Included in this amount was a payment of \$75 million related to a Loan issued to the City for COVID-19 related expenses during FY 2020-21.

Risk Management

The Risk Management Section is responsible for various occupational safety and risk identification, assessment and mitigation efforts, such as collecting and analyzing data, developing solutions that could reduce liability exposures and coordinating resources with counterparts at the Bureaus. Throughout the Coronavirus pandemic this Section was responsible for managing the Covid-19 Safety Program and tracking related metrics. During the current Fiscal Year, a Department-wide Risk Management Task

Force was created to discuss and resolve collective Risk Management issues.

During FY 22-23, the Executive Office launched the Department of Public Works Grants Task Force. Representatives from each Bureau attend meetings on a monthly basis to discuss the grant administration process, share information related to upcoming grants, and discuss possibilities for Bureau collaboration for future applications. The Executive Office will continue to research and seek grants, both for the Board Offices and other Bureaus in the Department.

EXECUTIVE OFFICER

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 1,027 in FY 22-23). The meetings frequently include hearings that relate to reports or communications being discussed. In FY 22-23, approximately 128 hearings were held, plus 57 bureau director and management meetings. In addition, the Executive Officer oversees 10 Board offices: Board Secretariat, Community Beautification, Accounting, Financial Systems, Budget, Procurement and Financial Management (including Systems Services), Petroleum and Natural Gas, Film and Television, Climate Emergency Mobilization, Forest Management, and Risk Management. The Executive Officer also provides administrative support to Project Restore.

OFFICE OF THE BOARD SECRETARIAT

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 21 notices inviting bids, advertised and received 26 bids, processed 28 construction contracts, 522 on-call construction contracts, 94 personal service contracts and amendments, 47 Board approved Task Order Solicitations, and 760 contract preliminary notices during Fiscal Year 2022-23. 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 2,868 new insurance endorsements and sent out 772 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 Director of Accounting manages the OOA with the assistance of one Assistant Director and four 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 with Generally Accepted Accounting Principles (GAAP) and pronouncements of the Governmental Accounting Standards Board (GASB), and to ensure compliance with budgets, contracts, laws, and ordinances.

In Fiscal Year 2022-23, OOA continued to deliver accounting and financial support services to all Bureaus. Despite challenges in securing qualified personnel and hiring restrictions, the DPW once again processed the highest number of transactions recorded in the City's Financial Management System (FMS), totaling about 1.93 million records or about 16.63% of the total number of City records entered this year.

During this period, OOA's ongoing mandates included:

- Enforcement of reasonable internal control procedures and sound accounting practices for approximately 169 funds with fund balances of \$3.64 billion and uncommitted amounts of \$2.99 billion
- \$6.75 billion worth of City contract obligations, consisting of 951 contracts
- Project cost reports for 67,276 project work orders with cumulative costs of \$24.17 billion
- Ensuring full cost recovery from various customers like project developers, contractors and other governmental agencies
- Ensuring expenditures are fully authorized, appropriated, and encumbered

In Fiscal Year 2022-23, the DPW availed approximately \$535,144 in payment discounts and received more than \$3.80 billion in receipts.

As is customary, the OOA provided ongoing public works financial information to City policy makers and management and continued virtual collaboration with the City's external auditors during the preparation of the City's Sewer Capital and Maintenance Funds annual audit, one of the City's major enterprise funds included in the City's Annual Comprehensive Financial Report (ACFR).

■ By the Numbers | Accounting

COUNTING TRANSACTIONS BY CATEGORY

- Total transactions processed : 80,200
- Revenue receipts and collections: 39%
- Billings: 21%
- Payments (expenditures): 20%
- Appropriations, encumbrances & transfers: 15%
- Work orders, contract ceiling: 4%

REVENUE RECEIPTS AND COLLECTIONS

- Total amount of revenue receipts processed : \$3,569,512,000
- Various funds receipts: 98%
- Other government agencies: 1%
- Industrial Waste: 1%

BILLINGS

- Total amount of billings processed : \$308,062,641
- Private customers: 39%
- Other government agencies: 25%
- Inter-departmental: 36%

PAYMENTS

- Total amount of payments processed : \$702,211,250
- Non-construction contracts(consultants, etc.): 51%
- Other vendors: 12%
- Construction contracts: 37%

VENDORS PAID WITHIN 30 DAYS

- Construction contracts: 19%
- Non-construction contracts: 61%
- Other (i.e. Non-contract): 20%

FY	Encumbrances and Appropriations	Expenditures	Revenue Receipts Processed
2019-20	11,990	19,816	29,970
2020-21	8,247	16,290	31,508
2021-22	9,146	23,226	33,904
2022-23	9,765	18,320	35,746

Percentage of Payments processed within 30 Days				
FY	Construction	Non Construction	Non Contract	Overall
2019-20	82.78%	80.07%	85.39%	81.88%
2020-21	93.93%	77.56%	86.60%	81.96%
2021-22	89.34%	80.60%	89.22%	83.83%
2022-23	55.06%	78.13%	88.75%	77.06%

Office of Community Beautification

THE OFFICE OF COMMUNITY BEAUTIFICATION (OCB) is a citywide anti-litter and anti-graffiti program that 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 nonprofit, 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, lending out hand tools and supplies needed for cleanup efforts. The Adopt-A-Median and Adopt-A-Spot programs provide further support of volunteer beautification efforts, 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.



By the Numbers | OCB

- **Clean up events: 134**
- **Number of volunteers: 8,045**
- **Volunteer hours: 29,364**
- **Total value of volunteer hours: \$1,095,864**
- **Community meetings/presentations: 211**
- **Trash bags (36"x 60") collected by volunteers (litter, debris, weeds): 17,132**
- **Trash bags collected by OCB contractors: 205,971**
- **Community graffiti removal requests serviced: 139,821**
- **Total graffiti removal locations serviced: 626,403**
- **Square footage of graffiti removed: 32,173,916**
- **Graffiti requests completed within 24 hours: 75%**
- **Graffiti requests completed within 48 hours: 85%**
- **Graffiti requests completed within 72 hours: 88%**



Climate Emergency Mobilization Office

Launched in 2021 by the City Council, the CLIMATE EMERGENCY MOBILIZATION OFFICE (CEMO) continued to grow, expand, and achieve targets in FY 22-23. In advising on climate policy for the City of Los Angeles, CEMO takes a collaborative approach to reaching its goals, applying an equity-based lens that values meaningful community engagement and mobilization. CEMO's vision for climate equity uses data, mapping, research, and the wisdom of frontline communities to identify and address the root causes of climate and pollution burdens.

As the City's first Chief Heat Officer, CEMO's director is tasked with developing a Heat Action Plan to address extreme heat. According to the Federal Emergency Management Administration (FEMA) and UCLA Heat Maps, extreme heat is the greatest and most costly climate hazard for people and infrastructure in Los Angeles. FEMA has also rated Los Angeles as the U.S. city that faces the highest risk of natural hazards in the near future. CEMO's collaboration with other City offices, departments, and leaders, and its external partnerships with entities including frontline communities, nonprofits, businesses, and stakeholders, are central to eliminating disparities and protecting the City's environment, public health, and safety.

In collaboration with the Department of City Planning, CEMO worked to develop the City's Climate Vulnerability Assessment, which points out areas of the City that are vulnerable to previously unidentified climate hazards. The Climate Vulnerability Assessment will align with CEMO's Heat Action Plan, and the data it presents should assist in obtaining future grants from state and federal agencies.

Cool Spots LA, CEMO's interactive map of cooling centers, added 73 libraries and 10 new City cooling centers during this period. CEMO applied for funding from the federal and state governments to expand this program by developing library branches in the most vulnerable neighborhoods into Community Resilience Centers with additional services.

During this fiscal year, CEMO held six events in the Climate Equity LA stakeholder engagement series, amplifying the voices of historically disinvested and pollution-burdened frontline communities, and advancing their recommendations to the City Council through the Climate Emergency Mobilization Commission (CEMC). The office also launched its website (climate4LA.org) in September 2022 and its newsletter in April 2023.



Call 9-1-1 If you suspect HEAT STROKE
Call 3-1-1 for Cooling Centers and Resources

climate4LA.org/heat
 emergency.LAcity.gov/updates

In May 2023, CEMO launched the Heat Relief 4 LA Campaign to educate Angelenos about heat safety and avoiding heat stroke. The campaign used City bus shelters to display public service announcements (PSAs) with original artwork illustrated by noted Southern California cartoonist Lalo Alcaraz.

As the fiscal year ended, CEMO was preparing to hire a Commission Executive Assistant and Deputy Heat officer, bringing the total number of staff positions to six. In the year ahead, CEMO will focus on expanding extreme heat and climate hazard public awareness, growing its network of community-based organization partners for strategic extreme heat-related community engagement, and continuing the Climate Equity LA series. Additionally, the office plans to onboard a consultant to begin foundational work on the City's first Heat Action Plan. CEMO's goal is to support the City in reducing urban heat islands, shaping equitable climate policy, and addressing the imminent threats posed by extreme heat, while protecting the City's health and habitability.

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 for administering the FilmLA contract, as well as developing policies, training personnel, and implementing the Mayor's Executive Directive 6 on film. The Office is also tasked with developing a comprehensive economic industry relations program, facilitating the needs of the motion picture and television

industry, and working with State of California Film Liaison Offices, the California Film Commission, LA County, labor unions, location managers, the Chamber of Commerce, Neighborhood Councils, Communities, and various City departments. OOF provides advice to the Mayor, City Council, and Board of Public Works on management of the economic, policy, and public relations effects of industry-related actions, as well as industry needs, rules and regulations, laws, City film procedures and ordinances, and legislative analysis.



Office of Financial Systems and System Services

THE OFFICE OF FINANCIAL SYSTEMS (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 provides users with access to the City's Financial Management System (FMS), 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 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 (collected more than \$39 million in FY 22-23), and Public Works Trust Fund System. In Fiscal Year 2022-'23, OFS resolved 76% (or 2,048 of 2,693) service requests within 48 hours and 24% (or 645 of 2,693) in more than 48 hours.

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, BPW staff's account access profiles, security, and workstation/network administration, the OSS provides and enforces guidelines for the professional usage of the Board's technology resources. By delivering functional services in the areas of technology procurement, configuration, deployment, and maintenance, the OSS provides and supports the automation and technology tools needed by BPW staff and teams to communicate, collaborate, and efficiently perform their duties. Notable tasks performed by the OSS include administration of the Board's departmental website, development of in-house automation tools, and general helpdesk services covering desktop, printer, network (including remote connection), and mobile problems. During Fiscal Year 2022-'23, the OSS resolved approximately 600 service requests.

Office of City Forest Management

THE OFFICE OF CITY FOREST MANAGEMENT (OFM) 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 2022-'23, the Office of Forest Management guided the adoption and implementation of a new three-year MOU with the Department of Water and Power for their Energy Efficiency Free Trees Program (also known as City Plants), advised a variety of City departments on policies and projects that impacted trees, provided oversight to the Community Forest Advisory Committee (CFAC), and led critical work on the Urban Forest Management Plan (UFMP), tree preservation, and tree canopy equity. The City Forest Officer convened and hosted the fourth annual Tree Summit with the theme "Focused on Funding," and participated in many events and media opportunities to share urban forestry best practices and the work the City is doing to improve its urban forest management.

UFMP: The OFM is tasked with developing the City's first comprehensive Urban Forest Management Plan (UFMP). This year OFM kicked off the Community Engagement campaign for the project. This included formalizing the partnership with LA County by finalizing an MOU and conducting the first phase of the joint project. OFM and the County, with support from consultant MIG, convened six Community Expert workshops to help shape the priorities and content for both the UFMP and the direct outreach campaign for residents. Community Expert workshop topics included community engagement, climate resilience issues for communities and trees, private property trees, biodiversity and ecosystem health, the role of trees as infrastructure, and workforce and economic development. Key stakeholders from a variety of disciplines and neighborhoods were invited to participate.

City Forest Officer Rachel Malarich was also recognized by the California Urban Forest Council at their annual conference, receiving an award on behalf of the City for the "Best Urban Forest Program" for her work on the City's UFMP and the leadership provided by the City's Green New Deal.

TREE PRESERVATION: Continuing the critically important work on improving the City's Tree Preservation ordinances and strategies, the OFM collaborated with the Department of City Planning (DCP), the Department of Building and Safety (DBS), and StreetsLA's Urban Forestry Division (UFD) in a variety of areas. This included developing a joint report back to City Council, collaborating with UFD and DCP to pilot early review of certain Planning case types, and working with DBS and UFD to review and update relevant clearances for trees within the DBS Clearance Handbook. There



is additional work in progress to enhance and expand the City's tree protection policies.

EQUITY: The OFM continued to work closely on research projects related to urban forest equity. It continued to work with the University of Southern California's Urban Trees Initiative as that project defined and began working on a third phase of research, focused on additional air quality research on the impact of various tree species on air quality, developing systems the City can use for replicating neighborhood level prioritization for highest-impact tree planting, shade modeling, tree planting, and additional community engagement. Additionally, the Urban Forest Equity Collective (UFEC), led by City Plants and UCLA PhD candidate Edith de Guzman, continued its concurrent work to develop urban forest equity metrics, explore the role of tree preservation in tree canopy equity, and identify and engage opportunities in the pilot neighborhoods of Sylmar and Central Alameda. While distinct in their research questions, geographies, and deliverables, both projects are assisting the City in further understanding potential solutions that can be implemented in high-need, low-canopy neighborhoods to ensure adequate and equitable tree canopy.

The OFM was also fortunate to be selected for a 10-week NASA/JPL DEVELOP project that looked at the impacts of tree planting projects on urban heat mitigation, particularly in low-canopied communities. The project used various NASA images to evaluate a tree-planting project done by LASAN in 2016 through CAL FIRE grant funding. Between 2016 and 2022, the project showed a 5% canopy increase along the Vermont Corridor, where over 600 trees were planted from Martin Luther King, Jr. Boulevard to the 105 Fwy. It also provided valuable information on tree canopy increase or decrease at the census tract level between 2016 and 2022.

Office of Petroleum and Natural Gas Administration and Safety

THE OFFICE OF PETROLEUM AND NATURAL GAS ADMINISTRATION AND SAFETY (OPNGAS) is responsible for the administration and management of all functions related to petroleum and natural gas, including the exploration and production of petroleum and the 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, the 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 community outreach with various groups.

The City of Los Angeles has 26 oil fields (18 active and 8 abandoned), 16 drill sites, and more than 5,100 oil wells within its boundaries. OPNGAS continues to measure performance by monitoring key metrics, such as the number of franchise agreements renewed, the percentage of franchises with compliant bonds and insurance, the number of community events held, the number of abandoned wells evaluated, the number of drill sites inspected, the percentage of franchise agreements audited, and the amount of revenue generated.

In Fiscal Year 2022-23, OPNGAS worked with Los Angeles County on the Just Transition Task Force, participated in the Los Angeles County Oil & Gas Facilities Strike Team, and met with the State of California Geologic Management Division. The office also coordinated and participated in various external interagency meetings, such as the Monthly Stakeholder Saint James (AllenCo) Drill Site meeting, the Monthly Baldwin Hills Community Standards District meeting, the Health Report Working Group meeting, and the City of Los Angeles Oil and Gas Task Force meeting. OPNGAS also started working on the Oil Well Amortization Study during this period.

FRANCHISE AGREEMENT AND CONTRACT ADMINISTRATION SECTION

- Staffed the Franchise Agreement and Contract Administration Section with a Senior Management Analyst I and hired office Trainee to support the Petroleum Administrator
- Invoiced \$5,464,036.60 in franchise agreement fees (January and March 2023)
- Collected \$5,305,687.81 as of June 30, 2023
- The new SoCalGas Franchise yielded \$88,044,049.86 as of June 30, 2023 (2022 Q2-Q4 \$46,050,479.85 and 2023 Q1 \$41,993,570.01)

PETROLEUM POLICY AND COMMUNITY ENGAGEMENT

- Responded to legal challenges regarding Saint James (AllenCo) drill site
- Partnered with City of Los Angeles Fire Department and Bureau of Street Services to handle oil seeps in Council Districts 1, 4, and 11
- Reported back to the City Council's Energy, Climate Change, Environmental Justice and River Committee on third-party inspection of Rancho Park drill site and the status and results of ongoing air monitoring
- Reported back to the City Council on recommendations on personnel changes and transition plan for ongoing enforcement of existing agreements with oil and gas operators
- Briefed new staff members in Council Districts 1 and 5 on petroleum-related matters in those districts
- Participated in the City-County Just Transition Task Force and the Site Remediation Reuse and Worker Subgroups
- Participated in the Assembly Bill 617 Community Steering Committees for Wilmington, Carson, West Long Beach, and South Los Angeles, the areas with petroleum as a concern; also participated in special air monitoring meetings.
- Participated in the Inglewood Oil Field Baldwin Hills Health Assessment and Environmental Justice Study Community Health Assessment Advisory Panel
- Joined the Baldwin Hills and Urban Watersheds Conservancy Board in March 2023
- Commented on California Geologic Energy Division's Orphan

Well Abandonment Program in October 2022

- Commented on California Air Resources Board's Potential Changes to the Greenhouse Gas Emissions Standards for Crude Oil and Natural Gas Facilities in October 2022

OIL WELL AMORTIZATION SECTION

- Staffed the Oil Well Amortization Section with Environmental Supervisor II, Environmental Specialist II, and Management Analyst
- Obtained authority to pursue solicitation of consultants through Request for Proposal process to hire the most qualified consultants to perform Oil Well Amortization Study
- Obtained authority to award personal service contracts to Alvarez & Marsal Public Sector Service LLC, Baker & O'Brien, Inc., and CJM Petroleum Consulting Inc. to perform Oil Well Amortization Study
- Encumbered funds (\$3,500,000) to perform Oil Well Amortization Study
- Began Amortization Study in March 2023
- Updated Energy & Environment Committee with overview of study and the City's petroleum background in May 2023

SAFETY AND COMPLIANCE SECTION

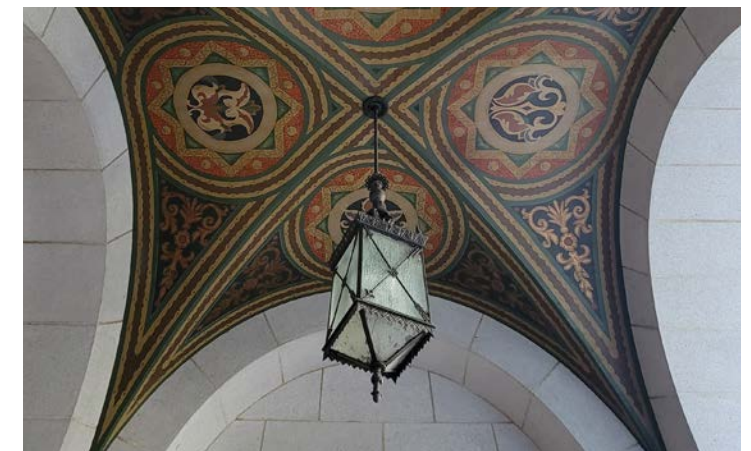
- Staffed the Safety and Compliance Section with Senior Environmental Engineer, Environmental Supervisor II, and Environmental Specialist III (since vacant)
- Partnered with Bureau of Engineering to award Task Order Solicitation No. 61 to Stantec Consulting Services Inc. to abandon the Venoco Whittier Crude Oil Pipeline
- Encumbered funds (\$500,000) to perform abandonment of the Venoco Whittier Crude Oil Pipeline
- Attended Los Angeles County Working Group Meetings on Safer Alternatives to Modified Hydrofluoric Acid and provided comments on the Board motion in December 2022
- Began work on the Remediation Policy and met with numerous internal and external agencies, including CalGEM, LAFD, LADBS, City Planning, DTSC, STANDLA Brownfields and LA County Public Health.

Project Restore

PROJECT RESTORE is a public-private partnership and nonprofit organization working 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, the restoration of the Board of Public Works Session Room, the seismic retrofit and restoration of Los Angeles City Hall and Valley Municipal (Van Nuys) City Hall, the installation of signage and other materials at Watts Towers, and Phase III of the restoration of the Frank Lloyd Wright-designed Hollyhock House (a UNESCO World Heritage Site).

In Fiscal Year 2022-'23, Project Restore completed the preservation and restoration of the historic ceiling murals in

the north loggia of the Board of Public Works session room on the third floor of City Hall, as well as the front public and rear access corridors of the City Council chamber and the Main Street entrance loggia. Project Restore issued a Request for Proposals to specialty firms for an assessment of and design recommendation for roof leaks at the Hollyhock House. Work continues on Phase II of the interior restoration of Residence A at the Hollyhock House with millwork restoration, window repair, and development of landscaping and planting plans with ADA access. The City Council also directed Project Restore to initiate and coordinate L.A. City Hall's nomination application for the Historic National Register.





Bureau of Contract Administration

bca.lacity.org

THE BUREAU OF CONTRACT ADMINISTRATION (BCA) oversees construction in the City's public right-of-way, ensuring the work adheres with all governing laws. Contract Administration's inspectors check for safe, quality, and compliant construction on public and private projects in the public right-of-way. One of the Bureau's chief duties is ensuring City contractors follow prevailing and living wage requirements and worker protection ordinances. In addition to safeguarding the interests of workers, the Bureau promotes opportunities for small, local, women, and minority-owned businesses through its Business Inclusion and Local Business Preference Programs.

The Bureau's motto, "Quality, Opportunity, Compliance," describes its successful customer-oriented approach to governance, which prioritizes data-driven results and stakeholder engagement.

PROTECTING THE PUBLIC INTEREST WHILE PROVIDING QUALITY CONTROL

Sidewalk Repair

Contract Administration oversaw the inspections of 110,510 linear feet of new sidewalks, bringing 20 percent more sidewalks in compliance and supporting increased accessibility and mobility throughout the City.

Sewer Rehabilitation

During FY 22-23, the City rehabilitated or replaced 27.9 miles of aging sewer pipe for nearly 800 projects citywide, resulting in almost \$85 million worth of new infrastructure. Contract Administration handled the inspections for most of these projects under the Emergency Sewer Repair and Emergency Storm Drain Repair Programs, and also as part of the Department of Public Works Super Expedited Wastewater Emergency Repair Program. As a result of the Bureau's stewardship, the City minimized environmental exposure to sewer and storm drain overflows.

Construction-related Permits

The Bureau conducted 77,238 permit inspections in FY 22-23, 4.7 percent more than the prior fiscal year. These permit inspections were completed within three days of the initial request, highlighting the Bureau's commitment to reliable service. Projects inspected include utility work, excavations, sewer work, and lateral support to maintain the public right-of-way and public infrastructure.

SUPPORTING CONTRACTING OPPORTUNITIES AND SMALL BUSINESS GROWTH

Local Business Enterprises

Contract Administration guided the approval and awarding of over \$259 million in contracting opportunities in construction, including over \$214 million to Local Business Enterprises. These contracting opportunities, which represent investments in the local economy, were the result of the Bureau's efforts to recruit small and minority-owned businesses and aid the City's recovery from the economic effects of the global pandemic.

Local Certification Programs

Contract Administration led and participated in 77 events from South Los Angeles to the Northeast Valley, totaling 5,210 educational training hours—an increase of nearly 15 percent from the prior fiscal year. More than 1,990 businesses attended these events to learn about the City's certification programs for small, minority, and disadvantaged businesses, including the Bureau's efforts to bolster small business contracting opportunities and support employment connections for transitional workers.

Local Hire

The Bureau managed the awarding and continued construction of 45 projects as part of the Department of Public Works Project Labor Agreement (DPW-PLA). Collectively valued at over \$592 million, these DPW-PLA projects included existing street and sewer infrastructure improvements and recreation facility buildings. Through DPW-PLA, the City reinvested over \$8.2 million in gross wages and benefits in local underrepresented communities.

Contractor Payments

Contract Administration signed off on more than 3,160 payments, totaling over \$294 million in contractual dollars. These payments have furthered Los Angeles's economic growth, supporting public-private ventures and well-paid jobs for the employees hired to complete these construction projects. The Bureau also took steps to shorten the turnaround time for issuance of payments. Nearly 15 percent of all payments in FY 22-23 were issued within 15 days.

ENSURING LABOR COMPLIANCE AND A LEVEL PLAYING FIELD

Project Labor Agreement

Under the Bureau's leadership, the City exceeded its local hiring targets. In FY 22-23, DPW-PLA projects accounted for over 451,000 workforce hours performed by Los

Angeles residents. This includes local resident apprentices performing 72 percent of apprentice hours, plus transitional workers with various employment barriers performing 20 percent of total project hours.

Labor Compliance

Contract Administration collected \$570,238.57 in wage restitution on behalf of 187 employees, underscoring the Bureau's commitment to worker rights and labor compliance with federal, state, and local laws.

Living Wage Ordinance

Contractors who violated the Living Wage Ordinance paid a total of \$1,479,745.24 in restitution to 1,388 employees of contractors that provided services to or leased property from the City. These recouped wages ensured workers were fairly paid for their labor.

Minimum Wage Ordinance

The Bureau collected \$597,725.37 in wage restitution, fines, and penalties and recovered 693.57 paid sick leave hours, valued at over \$9,000, for City of Los Angeles workers. The Bureau's enforcement efforts demonstrate the Office of Wage Standards' commitment to improving business compliance with labor laws by investigating violations and seeking resolution for unpaid wages and benefits.

New Worker Protection Labor Standards

The Bureau implemented the Fair Work Week and Freelance Worker Protection Ordinances, providing fair scheduling and payment protections for retail and freelance workers. Promoting the health, safety, and welfare of retail workers in the City remains one of Contract Administration's top priorities. During FY 22-23, the Bureau responded to 119 inquiries and nine complaints under the Fair Chance Initiative for Hiring Ordinance. The Bureau also participated in three phone banking events to inform Angelenos of their rights with respect to background checks and future employment prospects. These calls reached 59 constituents and 296 businesses.

PROMOTING ENVIRONMENTALLY SUSTAINABLE OUTCOMES

Construction Debris Waste Diversion

Last year, the Bureau verified the diversion of 17,652.93 tons of source-separated debris to certified recycling facilities for an overall recycling rate of 87 percent. This high rate demonstrates the Bureau's commitment to the diversion of inert debris (e.g., concrete, asphalt, and dirt) generated by construction activities to recycling centers, in accordance with State and local requirements.

By the Numbers | BCA

- **Local Job Opportunities Provided (Hours): 193,711 Hours**
- **Disadvantaged/Transitional Workers Opportunities Provided (Hours): 88,358 Hours**
- **Local Apprentice Program: 72,705 Hours**
- **Living Wage Restitution: \$1,479,745.24**
- **Minimum Wage Restitution, Fines, and Penalties: \$597,725.37**
- **Paid Sick Leave Hours Recovered: 9,021.62 Hours**
- **Rehabilitated Sewers: 27.9 miles**
- **Special Permits Inspected on Private Development, Utility and Sewer Construction: 77,238**
- **Total Emergency Sewer Repair, Emergency Storm Drain Repair, Super Expedited Wastewater Emergency Repair (SEWERS) Program: 736**
- **Linear Feet of Sidewalks Repaired: 110,510**
- **Valuation for 45 PLA Projects: \$8,221,366.29**
- **LBEs Verified in Construction Contracts for 15 Awards: \$214,351,179.62**
- **Participants Educated: 1,328**
- **Outreach Events: 77**
- **Progress Payments: 3,164**
- **Value of Progress Payments: \$294,736,675.25**

FY	Percent of Progress Payments Made in 15 Days or Less (TARGET: 80%)	Number of Private Development Inspections	Average Number of Days to Process Business Inclusion Reviews	PLA Construction Hours Disadvantaged/Transitional Hire Percent
2019-20	35%	80,187	12.5	15%
2020-21	29%	72,918	17.5	14%
2021-22	28%	73,795	23.1	14%
2022-23	15%	77,238	22.7	20%



Bureau of Engineering

eng.lacity.org

THE BUREAU OF ENGINEERING (BOE) is the City's lead agency for the planning, design and construction management of public buildings, infrastructure, and open space projects. Currently leading the design and construction of temporary housing for unhoused Angelenos, Engineering is also responsible for recreational and cultural facilities, bridges, streets, sidewalks, transit projects, landslide repair and other emergency responses, and the City's stormwater and wastewater plants. The Bureau handles the development of parks and the restoration of wetlands, including the ongoing revitalization of the Los Angeles River and adjacent parks, bike paths, and other amenities.

Engineering oversees permitting for construction in the public right-of-way and maintains NavigateLA, the City's state-of-the-art online mapping system for the public right-of-way. The Bureau's projects are nationally recognized in the areas of environmental sustainability, design, and construction management. Through extensive community engagement around project development, Engineering supports the City's goals of creating a prosperous, equitable, livable, and resilient environment for all residents and businesses.

KEY PROGRAMS AND PROJECTS

George Wolfberg Park at Potrero Canyon

As the result of decades of planning and advocacy, the award-winning George Wolfberg Park at Potrero Canyon opened in Pacific Palisades in the winter of 2022, restoring approximately 30 acres of native habitat. The park repairs damage that goes back to 1933, when storm runoff from the surrounding area caused severe erosion, creating a deep, narrow ravine. Eventually, about a dozen houses tumbled into Potrero Canyon as the slopes along the edge failed. By the early 1990s, many other homes were deemed unsafe to live in.

Engineering led construction at the site for 18 months, beginning with several phases of grading construction to rebuild, resculpt, and stabilize the canyon walls of the 46-acre natural park. The final phase completed the park facilities, including 1.75 miles of park roads and trails, a new restroom, overlook benches, a lawn area, a revegetated park landscape, and interpretive signage. Recirculated drainage water is captured near the Pacific Coast Highway, filtered, and pumped up to the top of the park to percolate through 10 basins, sustaining new riparian and wetlands habitat. Over 12,900 native California plants and trees inhabit the park, which also includes a demonstration garden of native plant species. The park is named for George S. Wolfberg, the Pacific Palisades

volunteer who led the collaborative, community-driven effort to restore the space.

Cypress Park Northeast New Beginnings Community

Engineering continues to support the Mayor's Inside Safe initiative by leading the planning, design, and construction of the City's facilities for unhoused Angelenos. The \$7 million Cypress Park Northeast New Beginnings Community in Council District 1 is the 21st project for unhoused Angelenos completed by Engineering. Located across from the Los Angeles River in Cypress Park, the facility replaces an undeveloped right-of-way formerly used as a maintenance yard during construction projects. It now provides housing for up to 100 people, and its full residential units exemplify a new prototype for interim housing. Each of the 34 modular units includes a sleeping area, restroom, shower, kitchenette, and dining area. Residents also have access to outdoor decks, shaded areas, and gathering spaces, along with library and staff amenities.

Sixth Street PARC (Park, Arts, and River Connectivity Project)

In late 2023, Engineering began construction on the \$62 million Sixth Street PARC. When completed, the project will create 12 acres of open and recreational space in areas underneath and adjacent to the new Sixth Street Viaduct, which connects historic Boyle Heights with the Arts District neighborhood and crosses the Los Angeles River. Construction will include public restrooms on both sides of the LA River, performance and public gathering areas, flexible play areas and lawns, adult fitness equipment, dog play areas, landscaped areas, public art, sports fields and courts, children's play areas, water play features, picnic and grilling areas, parking spaces, skate park elements, bicycle and pedestrian paths, roadway connectivity improvements, stormwater infrastructure improvements, and rain gardens. The PARC, including the Leonard Hill Foundation Arts Plaza, an amphitheater for performances and other art elements, will be completed in spring 2026.

Venice Dual Force Main Project

The \$105 million Venice Dual Force Main Sewer Project is a new two-mile long, 54-inch force sewer main that will operate as a parallel system with the existing 48-inch force main. With the systems working together, sewage flow from the Venice Pumping Plant can be conveyed to the Hyperion Water Reclamation Plant in Playa del Rey using either or both force mains. The project also replaced backup generators at the Venice Pumping Plant and increased sewage capacity, created pipeline redundancy, and allowed for maintenance of the



system. As part of the project, Engineering replaced a 60-year-old sewer line with infrastructure designed to help prevent overflow during peak wet weather conditions. The sewer pipeline proceeds underneath the channel to Playa del Rey at Pacific Avenue and 62nd Avenue. In Playa del Rey, the pipe continues southbound on Pacific Avenue, crossing Culver Boulevard to Vista del Mar and continuing to a connection point at Vista del Mar and Waterview Street. The completion of the Venice Dual Force Main Sewer allows the existing line to be serviced for the first time in over 60 years. With both lines fully operational, the combined two-mile section offers more than double the capacity and will protect existing sewer infrastructure and the surrounding community.

Affordable Housing Tracking System

The Affordable Housing Tracking System (AHTS), developed by the Bureau of Engineering under the direction of Mayor Bass's administration, tracks affordable housing and emergency shelter projects in the City (projects that fall under Mayor Bass's Executive Directives Nos. 1, 3, and 7). The internal system enables all the City's development services agencies to view and update the status of affordable housing projects and associated permits and services. These status updates help City staff identify reviews to be expedited in accordance with the Mayor's Executive Directives. Initially launching in March 2023 with approximately 300 active ED 1 projects, as of this writing, the AHTS reports more than 700 affordable housing projects in the City of Los Angeles. The AHTS will continue to evolve based on feedback from the 17 participating City departments. The Mayor's Office will release a public version of the dashboard that uses interactive data visualization software to display housing unit counts by stage and district and plot them on a map of the City.



By the Numbers | BOE

- **Number of Projects Awarded: 136**
- **Number of Projects Completed: 117**
- **Proposition O Clean Water Bond Wastewater Collection and Treatment plant projects completed: 72**
- **Clean Water Infrastructure projects completed including Stormwater Conveyance: 53**
- **Collected revenue: \$61,438,313**
- **Jobs Created: 4,055**
- **Construction Projects Awarded: \$312,000,000**





Bureau of Sanitation

lacitysan.org

LA SANITATION & ENVIRONMENT (LASAN) is committed to providing essential services to all Angelenos through all of its core operations, which have expanded in volume and complexity.

Clean Water Programs

The Advanced Water Purification Facility at Terminal Island Water Reclamation Plant underwent its ultimate expansion to become a zero waste recycled water production facility where 100% of plant flow (12 million gallons per day) is purified and used as a potable water replacement. This expansion allows the City to maximize the delivery of recycled water and complete the construction of the Feedwater Ammonia Injection System for the continued safe and reliable supply of recycled water to the Dominguez Gap seawater intrusion barrier.

To reduce the City's reliance on imported water, Sanitation engineers continued the planning effort for transforming the Hyperion Water Reclamation Plant from a wastewater treatment plant discharging its effluent into Santa Monica Bay to a 100% water recycling facility that will produce safe and reliable recycled water for potable reuse. In partnership with the Department of Water and Power, Sanitation continued the construction of the Hyperion Advanced Water Purification Facility that will provide 1.5 mgd of recycled water to offset potable water use at LAX and Hyperion. Sanitation also continued with the construction of the Hyperion Membrane Bioreactor Pilot Facility, a 1 mgd test facility for obtaining regulatory approval for using membrane bioreactors in the advanced water purification process for producing recycled water.

The DC Tillman Water Reclamation Plant developed its Advanced Water Purification Facility Project that will produce up to 21K acre-feet of highly purified recycled water—enough to supply 250,000 Angelenos. With the use of microfiltration, reverse osmosis, ultraviolet light and advanced oxidation, the purified water will be pumped to the Hansen spreading grounds where it will percolate into the soil for hundreds of feet, recharging the local aquifer.

Industrial Waste Management Division

The Industrial Waste Management Division is responsible for the implementation of the City's federally-approved Pretreatment Program that serves to protect public health and safety through rigorous monitoring, inspection and discharge sampling of industrial users. Sanitation implements the City's Fats, Oil and Grease control program,

aimed at reducing and eliminating fat, oil and grease-related Sanitary Sewer Overflows through permitting, inspection, and monitoring of more than 15,000 food service establishments. During FY 22-23, staff permitted 8,400 food service establishments, completing 8,728 inspections of food service establishments and 534 Clean Up Green Up canvassing inspections. Simultaneous enforcement of the City's Clean Kitchen Best Management Practices resulted in issuing 402 Notices of Violations and processing 198 enforcement cases.

Environmental Monitoring Division

The Environmental Monitoring Division provides lab analytical services for LASAN's four water reclamation plants: Hyperion, Terminal Island, Donald C. Tillman (Van Nuys), and Los Angeles/Glendale. The Environmental Laboratory Accreditation Program of the State Water Resources Control Board, under separate certifications, certifies the division's laboratories at the four plant sites. The monitoring programs encompass plant operations, receiving waters with plant effluent, multiple water bodies in the LA service area, the four watersheds in LA, and testing of local groundwater, air quality, hazardous waste, biosolids, and our closed landfills. This year, the Environmental Monitoring Division processed 80,595 samples and produced 172,233 individual test results.

Financial Relief

Sanitation applied for funding under the California Water and Wastewater Arrearage Payment Program to provide financial relief to Angelenos in need. This action allows us to continue investing in our clean water operations, maintenance and essential infrastructure. The State Water Board, using funds from the American Rescue Plan, created the arrearage payment program to assist COVID-impacted utility customers across CA with payment of their water and wastewater bills. Sanitation was able to credit 70,727 customer service accounts with a total of over \$55.2M. Separately, 60 Sewer Lateral Rebate applications were approved, totaling \$30,769 in rebate funds.

Sustainability & Environmental Justice Programs

The Biodiversity Program created a more ecologically resilient, biophilic city for all Angelenos through increasing participation in hosting community events like the City Nature Challenge which deepened connections with the community and fostered collaborations with many local organizations and experts. Sanitation published the LA

Biodiversity Index Baseline Report, a groundbreaking document that uses a fully customized framework with 25 metrics to comprehensively assess all facets of biodiversity in the City.

Sanitation is committed to greening the most disadvantaged communities in the City and those with the least tree cover. By supporting the Mayor's sustainability and environmental justice initiatives through grant-funded urban forestry programs, the Bureau planted 1,350 street trees, effectively sequestering 4,474 metric tons of CO₂ equivalent carbon. Sanitation also removed 10,458 square feet of public right-of-way concrete to create new tree wells and watered and maintained 4,729 trees. Urban forestry efforts brought more than \$1.2M in investments to the City's most socioeconomically unequal and environmentally burdened communities. The Bureau collaborates with a network of partners to support urban forestry across Los Angeles.

The Climate Action Program furthered the City's climate goals through strategic plans, action, transparency and accountability. The Water Energy Nexus project analyzed the interconnection of water usage and energy consumption. Additionally, the annual Municipal and Community Greenhouse Gas Emissions Inventories helped the City monitor its progress towards carbon neutrality.

Solid Resources

LASAN expanded its collection of residential organics in the summer of '22 as part of the State SB1383 requirement. All of LA's 750K residential households are required to place food scraps, food-soiled paper, and yard waste in their green bins. In this initial phase, the Bureau distributed 78,500 kitchen pails at 87 community events held to educate residents about the program. Through the recycLA program, Sanitation collected an average of 19,813 cubic yards from commercial and multi-family dwelling customers while increasing its fleet of near-zero emission collection vehicles to 546.

RecycLA Service Providers established a 10% collection efficiency as they increased their focus on working with customers to establish organics collection in compliance with State Law 1383, which diverts organic waste from landfills. In May, LASAN issued notices to all non-compliant customers, informing them of the legal requirements and providing a call to action to sign up for service.

Watershed Protection Division

The Watershed Protection Division is committed to protecting the beneficial uses of LA's receiving waters while complying with all federal, state and local laws and mandates. Through funding from LA County's Stormwater Pollution Abatement property assessment fee, the Division established a public education program using online and traditional outreach

methods, including the sponsorship of Kids Ocean Day at Dockweiler Beach. The Low Impact Development program approved best management plans for 5,060 development/redevelopment projects. Inspection crews collected 1,810 dry and wet weather samples to monitor water quality across the City's watersheds while responding to 2,114 calls of illicit discharges to the storm drain system. Sanitation also developed the Watershed Investment Strategic Plan for a five-year outlook on the Safe, Clean Water Program.

Livability Services Division

The Livability Services Division collected over 42K tons of waste from public areas. The total includes over 25K tons from illegal dumping, over 9K tons from the Receptacle program, and over 8K tons from CARE/CARE+ (Comprehensive Cleaning and Rapid Engagement) services. The CARE program, Mobile Hygiene Units, and Receptacle and Illegal Dumping collection programs are designed to overlap and provide all-inclusive services, removing health and safety hazards and solid waste from the public right-of-way across the City.

By the Numbers | BOS

- Gallons of wastewater cleaned each day through 4 water reclamation plants: **309 Million**
- Number of sewer pipes cleaned: **138,996**
- Sewers inspected and assessed using closed-circuit television: **517,440 feet (98 miles)**
- Sewer rehabbed: **147,312 feet (27.9 miles)**
- Sewer Capacity Availability Reviews completed: **507**
- Number of cubic yards of recycled materials collected under recycLA (commercial/multifamily): **302,691**
- E-waste items collected : **4.3 million**
- Number of mattresses collected for recycling: **26,904**
- Number of near zero emission natural gas vehicles replacing diesel trucks under recycLA: **546**
- Number of average daily customer care calls received each day (7 days/week): **3,287**
- Trees planted in Disadvantaged Communities: **1,084**

Tons of material collected from illegal dumping and homeless encampments	
2020-21	25,990
2021-22	25,865
2022-23	28,685
Catch Basins Cleaned	
2020-21	64,222
2021-22	82,213
2022-23	84,012
Low Impact Development Projects Approved & Installed	
2020-21	2,397
2021-22	2,485
2022-23	2,651



Bureau of Street Lighting

bsl.lacity.org

THE BUREAU OF STREET LIGHTING (BSL) has been at the forefront of innovation, technology, and design. Under the Bureau's leadership, Los Angeles was among the first cities in the world to convert streetlights to low-voltage LED, improving lighting conditions and saving energy. Now, as Angelenos' lives become increasingly digitally connected, the Bureau is enhancing the City's streetlights to support internet access.

The City of Los Angeles operates the second-largest street lighting system in the nation, with more than 220,000 streetlights covering two-thirds of the City. The system's nearly 4,500 miles of energy-efficient, high-performance lights make streets safer for residents, encouraging after-dark outings for drivers, pedestrians, and cyclists. Streetlights improve public safety, and their more than 400 different historic and contemporary designs contribute to beautified and inviting public spaces.

LA's street lighting system increasingly serves as the foundation of the City's smart infrastructure, supporting services that range from wireless communications to environmental monitoring. Below are some of the ways the Bureau of Street Lighting is working to make Los Angeles more equitable and accessible.

Smart City

In preparation for the 2028 Olympics, the City of Los Angeles expects to invest in digital infrastructure enhancements that will improve quality of life for residents and visitors alike. A unified digital payment platform for Metro rail, buses, bikes, and shuttles will make it easier to get around LA without a car. "Ethical proactive technology" will help identify "fire, violence, or other risks to the health and safety of LA residents" even before a 911 call. The City will deploy "ubiquitous, ultra-high speed 5G connectivity," establish smart wayfinding kiosks, and install 10,000 public electric vehicle charging stations.

Smart street lighting is the first step toward the development of a smart city. In addition to increasing the City's energy efficiency and reducing energy costs, carbon emissions, and maintenance costs, smart lighting can also support functions such as public safety, traffic management, smart parking, environmental monitoring, and extended Wi-Fi and cellular communications. Projects currently in development include smart nodes, air quality sensors, EV chargers, digital banners, and transitional lighting near event centers. The Bureau has also been installing remote monitoring units on streetlights that report and help diagnose malfunctions.

Bridging the Digital Divide

The Bureau of Street Lighting is making key investments and policy changes to support regional efforts to bridge the gaps that make up the digital divide. With over one in five households lacking a fixed broadband connection, the digital divide holds back Los Angeles residents from enjoying educational, economic, healthcare, and City services. The COVID-19 pandemic brought these disparities into stark relief.

Community Connectivity pilot projects will launch by the end of 2024 in two of LA's highest-need communities, Crenshaw Corridor and Canoga Park. These projects, funded by American Rescue Plan dollars, will add networking capabilities to existing streetlights to support private and nonprofit broadband access for residents and businesses, as well as community-developed cultural and educational programming and new digital City services.

Project Objectives:

- Provide free Wi-Fi in key areas (for one year minimum)
- Work with nontraditional ISPs to provide high-speed wireless or wireline home services
- Partner with community groups on innovative community uses of the network (e.g., student projects, cultural programming)
- Pilot smart city services with other departments (e.g., smart trash pick-up and pedestrian safety technology)
- Connect small businesses to affordable fiber internet

High Voltage Conversion

The Bureau of Street Lighting is on pace to achieve full LED street lighting citywide by the conclusion of FY 24-25, with just 900 lights left to convert. (As this report goes to press, the City's street lighting system is 98% LED.) While most cities are just embarking on LED streetlight conversions, Los Angeles is already preparing to upgrade its streetlights to the next generation of LEDs, which will further advance energy conservation efforts and improve system efficiency. The conversion program provides approximately \$10 million in annual energy savings and reduces the labor required for maintenance of the City's street lighting system. The City of Los Angeles has gained national and international acclaim for leading the way with its comprehensive LED lighting conversion program.

Electric Vehicle Charging Stations

EV charging stations are among the smart city products transforming the Los Angeles streetscape and creating a more accessible and connected City. The Bureau has made innovative use of streetlight EV charging stations at curbsides. The chargers attach to a streetlight and use its existing circuitry, making them extremely cost-effective. Our first "Infrastructure as a Service" solution is expanding to meet the Sustainability Plan's goal of increasing EV adoption by 25 percent, adding 100,000 new electric vehicles in the City by 2025.

Co-Location/Telecommunication Attachments

The Co-Location Program facilitates connectivity through the installation of communication devices and antennas on the City's existing streetlight poles. Street Lighting coordinates with telecommunication companies and City crews, providing designs and performing administrative duties. There are currently over 3,500 Co-Location poles citywide, strengthening cellular coverage for the City's constituents, businesses, and visitors. The Bureau's rigorous engineering and design standards are producing more innovative streetlight designs and sleek, integrated poles.

Thanks to their optimal height and existing electrical infrastructure, the City's network of streetlight poles is situated to enhance connectivity. Over 3,750 poles already host telecommunications equipment, including the 5G cells that helped establish LA as one of the first 5G cities in America. As a citywide program, Co-Location will strengthen the City's cellular coverage for all users.

Vision Zero/Mid-Block Crosswalk

The Vision Zero Action Plan 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 essential role in the public safety of vehicles and pedestrian traffic. The Bureau of Street Lighting's role in Vision Zero is to provide adequate illumination at mid-block crosswalks, ensure that all streetlights are smart units that can report outages automatically, and to install motion sensors at mid-block crosswalks to increase visibility for pedestrians, cyclists, and motorists.

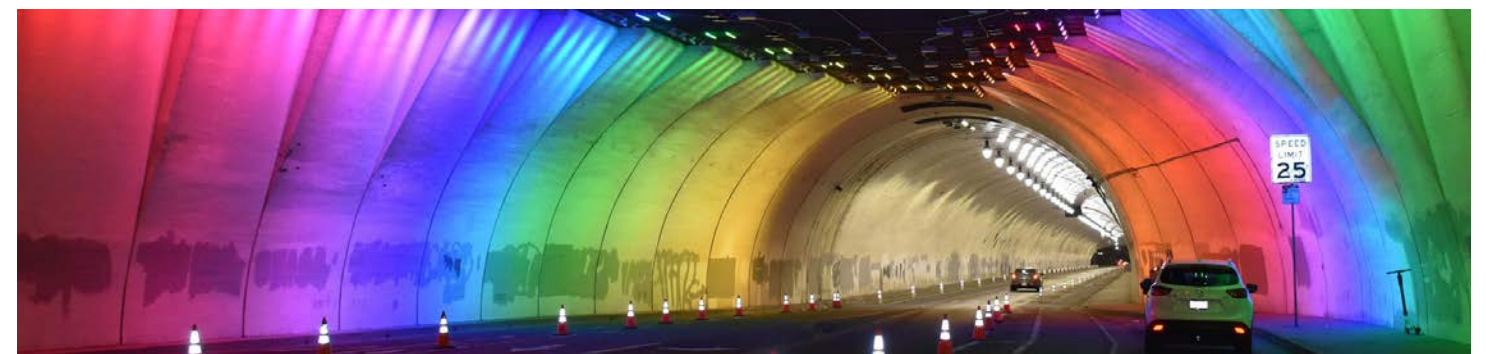
By the Numbers | BSL

- High Voltage Units Converted to Low Voltage: **25,033**
- Assessment Lighting Districts Processed: **86**
- Light Banner Permits Approved: **1,045**
- New Streetlights Installed: **2,287**
- Remote Monitoring Nodes Installed on Streetlights: **2,300**
- Electronic Plan Checks Processed: **100%**
- Co-located Cell Technology Attachment Permits Approved: **208**
- Electric Vehicle Charging Stations Installed: **600+**
- Pedestrian Crosswalk Lighting Upgrades: **34**
- Lights Repaired: **81,948**

Total number of electric vehicle chargers installed	
2019-20	150
2020-21	0
2021-22	150
2022-23	204

New Streetlights Installed	
2019-20	1,896
2020-21	980
2021-22	1,066
2022-23	2,287

Street lighting maintenance assessment fund revenue in millions	
2019-20	\$45.8M
2020-21	\$43.7M
2021-22	\$44.5M
2022-23	\$46.6M





Bureau of Street Services

streetsla.lacity.org

As the caretakers of the City's public right-of-way and first responders to issues emerging there, **THE BUREAU OF STREET SERVICES (BSS)** is dedicated to being as resilient, collaborative, and efficient as possible. The Bureau is #AtYourService, day in and day out, while staying true to its long-term goals of sustainability, safety, service delivery, and service equity.

SUSTAINABILITY

Street Services' goal is to ensure that the work of the Bureau incorporates a holistic, sustainable approach that balances long-term climate change adaptation measures with day-to-day maintenance responsibilities.

Cool Neighborhoods

Street Services' Cool Neighborhoods program has brought cooler temperatures to some of the City's most disadvantaged heat-affected areas. Cool pavement reduces ambient temperatures by reflecting more sunlight and absorbing less heat during the day, and can reduce surface temperatures by four to 10 degrees Fahrenheit. Whenever possible, the Bureau pairs the installation of cool pavement with the planting of new trees, maximizing the cooling effect of the infrastructure improvement. Street Services' Urban Forestry Division also uses electric equipment with the goal of creating an all-electric crew operation, part of the Bureau's work to incorporate sustainability in all divisions.

Biodiversity and the Urban Forest

The City of Los Angeles is home to spectacular biodiversity unparalleled in any other major city, including an urban tree canopy of approximately 650,000 street trees. Street Services continues to work toward integrating more native tree species into the urban landscape while also prioritizing the routine health and maintenance of the City's existing urban forest. The Bureau conducted extensive community engagement for the Creating Urban Habitat & Biodiversity Through Median Greening project, funded by a grant from the Clean California Local Grant Program, which will bring approximately 65,000 square feet of native landscaping to medians in underserved pockets of Council Districts 1, 6, 8, 9, 10, and 15. During this fiscal year, Street Services trimmed 44,500 trees, planted 2,360 trees, and watered 9,000 trees across the City.

SAFETY

As first responders to emergencies in the public right-of-way, Street Services had a busy winter leading the City's storm response while continuing to prioritize street renewal, one of the Bureau's signature programs.

Storm Response

The major winter storms of early 2023 required an unprecedented response from Street Services. From January through March, the Bureau responded to 15,871 tree emergencies and 7,163 tree obstructions and conducted 7,307 tree inspections. With asphalt streets more susceptible to rain damage, Street Services proactively identified and repaired street potholes across the City. The Bureau and the Mayor's Office collaborated on outreach encouraging communities to report street pothole locations. From January through March, Street Services completed 18,519 street pothole service requests—roughly as many as the total for calendar year 2022.

Street Renewal

Undeterred by the winter storms, the Bureau continued to advance the goals of its Pavement Preservation Program, which selects streets for resurfacing, slurry, and cape seal treatments. The program ensures pavement projects are carried out equitably, economically, and efficiently. In FY 2022-23, Street Services completed the renewal of more than 1,340 lane miles of streets, including 425.85 lane miles of resurfacing, 87.17 lane miles of failed street repairs, and 831.53 lane miles of slurry seal.

SERVICE DELIVERY

Street Services is dedicated to strong partnerships with elected officials and community members, and is committed to infrastructure improvements that advance the Bureau's strategic goals.

Welcoming New Partners

Street Services was proud to hit the ground running with the new administration of Mayor Bass, who has prioritized the delivery of basic services across the City. In addition to working closely with the Mayor's Office of Infrastructure, Street Services also quickly established partnerships with new Offices representing Council Districts 1, 5, 11, 13, and 15: one-third of the City Council, representing over a million residents. These relationships helped the Bureau maintain momentum on citywide

projects and initiatives, while also introducing fresh energy and perspectives from City Hall's new leadership.

Advancing New Infrastructure

FY 2022-23 saw a major step forward for Street Services' new Sidewalk and Transit Amenities Program (STAP), including Council's approval of a vendor, Tranzito-Vector, following a comprehensive public process that took place over multiple years. The Bureau's Urban Transit Amenities and External Relations teams took the lead on conducting additional community outreach to seek feedback on proposed STAP design. Additionally, Street Services completed the installation of 14 new public toilet facilities at various locations across the City, many of which include a public art component.

SERVICE EQUITY

Street Services continues to focus on innovation and integration to ensure that we optimize resources and operations to meet the current and future demand. The Bureau has also established an internal Innovation Committee to help reach these goals.

ONE Infrastructure

The ONE Infrastructure program takes a holistic approach, using Street Services' asset management system to align access ramps, sidewalk repair, resurfacing, tree trimming, pruning, and all other core services. The program also includes climate change adaptation measures focused on urban cooling, emission reductions, and stormwater capture. In FY 22-23, Street Services completed a ONE Infrastructure improvement project in Council District 2 on Whitsett Avenue, one of the major corridors in the heart of the San Fernando Valley. Additionally, the Bureau was awarded \$251 million in Active Transportation Program grants for comprehensive projects that will improve safety, walkability, mobility, and accessibility on streets in Council Districts 7, 8, 14, and 15, including historically disadvantaged communities.

Data-driven approach

Over the last several years, Street Services has focused on improving asset management tools to inform and enhance the Bureau's work overseeing the public right-of-way. This data-driven approach to asset management ensures full alignment with the Bureau's vision, mission, policies, and strategic plan. Street Services is also using asset management as a means of delivering services more efficiently and equitably. The Bureau's goals are to provide outstanding customer service to all Angelenos, and to deliver critical resources where need is greatest.

By the Numbers | BSS

- **Pavement Preservation Lane Miles (resurfacing, failed street, slurry) 1,344.55**
- **Street Pothole Requests Completed: 38,338**
- **Street Pothole Turnaround Time: 2.4 days**
- **Small Asphalt Repairs (square feet): 862,735**
- **Alleys Streets Renewal (square feet): 87,785**
- **Street Sweeping (curb miles swept): 133,743**
- **Trees Trimmed: 44,500**
- **Trees Planted: 2,360**
- **Trees Watered: 9,000**
- **Tree-Related Emergencies: 16,000**
- **Tree-Related Emergency Service Completed Average Working Days: 0.9**
- **Pedestrian Access Ramps Installed: 325**
- **Sidewalk Reconstruction (square feet): 492,222**

Trees Trimmed	
2022-23	44,500
2021-22	29,512
2020-21	31,096
2019-20	37,000

Pedestrian Access Ramps Installed (All Funds)	
2022-23	325
2021-22	325
2020-21	390
2019-20	315


Pavement Condition Index	
2022-23	69
2021-22	69
2020-21	70
2019-20	71

Service Requests Submitted	
2022-23	194,117
2021-22	140,471
2020-21	123,221
2019-20	140,124



Adopted Budget: Fiscal Year 2022-23

Sources Of Funding	Board Of Public Works	Contract Administration	Engineering	Sanitation	Street Lighting	Street Services	TOTALS
General Fund	32,045,098	27,818,298	38,161,157	55,221,984	3,073,255	41,413,506	197,733,298
Solid Waste Resource Revenue Fund	292,024			225,520,770			225,812,794
Special Gas Tax Street Improvement Fund	288,431	485,810	4,787,838		3,460,511	61,181,105	70,203,695
Road Maintenance & Rehabilitation Program	81,200						81,200
Stormwater Pollution Abatement Fund	94,256	365,128	3,626,125	13,157,007		5,554,718	22,797,234
Mobile Source Air Pollution Reduction Fund			110,312				110,312
Measure W Local Return Fund			1,084,732	4,491,013			5,575,745
Sewer Operation & Maintenance Fund	2,087,071			272,745,105			274,832,176
Sewer Capital Fund	1,039,192	9,945,643	43,879,891	7,694,248	200,878		62,759,852
Street Lighting Maintenance Assessment Fund	262,908	58,484	73,380		29,990,173		30,384,945
Arts & Cultural Facilities & Services Fund	100,000						100,000
Telecommunications Development Fund			100,289				100,289
Prop A Local Transit Fund		125,795				2,121,456	2,247,251
Prop C Anti-Gridlock Transit Fund	127,373	3,959,852	8,207,796		3,065,343	14,112,008	29,472,372
Los Angeles Regional Agency				102,130			102,130
MICLA 2017 Streetlights Construction Fund							-
Street Banners Trust Fund					100,539		100,539
Used Oil Collection Fund				594,606			594,606
Citywide Recycling Fund	114,412			19,853,282			19,967,694
Household Hazardous Waste Fund				2,970,893			2,970,893
Building and Safety Enterprise Fund			20,000				20,000
Sidewalk and Park Vending						1,259,736	1,259,736
Street Damage Restoration Fee Fund			640,229			40,887,509	41,527,738
Measure R Local Return			612,040		485,403	20,927,639	22,025,082
Central Recycling Transfer Station Fund				1,175,149			1,175,149
Multi-Family Bulky Item Special Fund				3,831,021			3,831,021
Sidewalk Repair Fund	160,473	1,149,253	2,181,159			8,221,193	11,712,078
Measure M Local Return Fund	47,592	1,306,626	1,406,963		890,952	9,559,747	13,211,880
TOTAL FUNDS	36,740,030	41,855,772	104,891,911	607,357,208	41,267,054	205,238,617	1,040,709,709

An aerial photograph of Los Angeles, California, taken from a high vantage point during the "blue hour" of dusk. The city's dense urban landscape is visible, with numerous buildings and streets. The downtown skyline, including the US Bank Tower, is prominent on the left side. The sky is a mix of soft blues and purples, with some light clouds. In the bottom right corner, the California State Capitol building is partially visible, characterized by its large dome.

CITY OF LOS ANGELES

Karen Bass, Mayor
Hydee Feldstein Soto, City Attorney
Kenneth Mejia, City Controller

BOARD OF PUBLIC WORKS

Aura Garcia, *President*
Teresa Villegas, *Vice President*
Michael R. Davis, *President Pro Tempore*
Vahid Khorsand, *Commissioner*
Susana Reyes, *Commissioner*

BUREAUS

Bureau of Contract Administration
John L. Reamer, Jr., *Inspector of Public Works*

Bureau of Engineering
Ted Allen, *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*



As a covered entity under Title II of the Americans with Disabilities Act, the City of Los Angeles does not discriminate on the basis of disability and, upon request, will provide reasonable accommodation to ensure equal access to its programs, services and activities.

Produced by the Public Affairs Office.
Printed on recycled paper.

