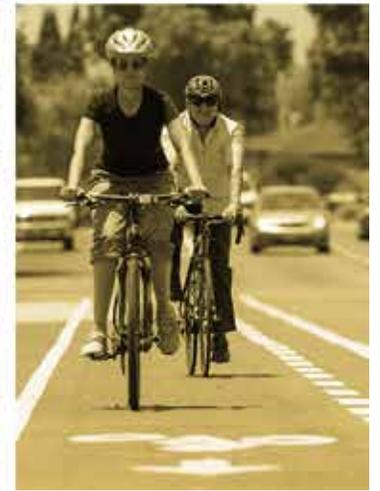


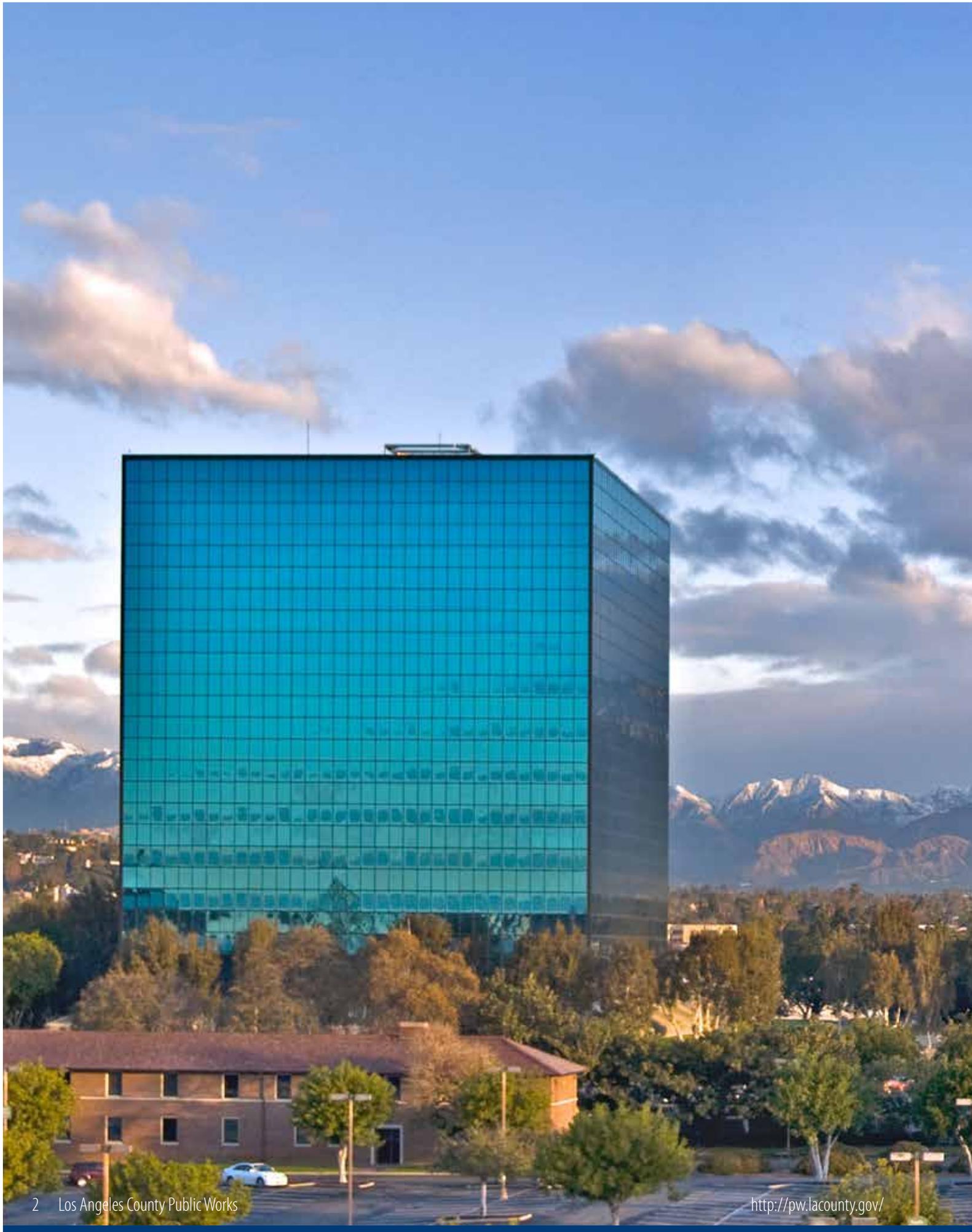


Public Works
LOS ANGELES COUNTY



QUARTERLY
BUSINESS REPORT
Q4/2021





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Public Works Overview

“To become the most trusted public agency in the region.”

“We deliver regional infrastructure and services improving the quality of life for more than 10 million people in Los Angeles County.”



Director
Mark Pestrella, PE

Los Angeles County Public Works was formed in January 1985, consolidating the former County Road Department, the County Engineer Department, and the County Flood Control District.

With a Vision to become the most trusted public agency in the region, Public Works has been defined by its responsiveness to the public, commitment to provide excellent customer service, and drive to build great community relations. Public Works' workforce takes pride in being public servants providing essential and critical services for all residents and businesses in Los Angeles County.

Public Works' diverse operations are defined within six core service areas: Water Resources, Transportation, Environmental Services, Construction Management, Development Services, and Emergency Management. Its annual budget over \$3.5 billion is funded by restricted revenues, such as gas excise and sales tax, benefit assessment, water and sewer sales, user fees, and contract cities revenues.

Public Works is strategically focused on supporting economic development through business-friendly contracting opportunities that will better serve the County's small businesses and local worker hiring objectives. In Fiscal Year 2019–20, Public Works awarded over \$1.32 billion worth of contracts within Los Angeles County, which helped create 16,465 jobs. (See **“Appendix 1” for more details on Public Contracting and Asset Management**).

Public Works' workforce is comprised of nearly 4,000 employees in more than 500 job classifications, including professional, technical, clerical, and skilled crafts.

Headquartered at 900 South Fremont Avenue in Alhambra, Public Works has 77 field facilities throughout Los Angeles County.

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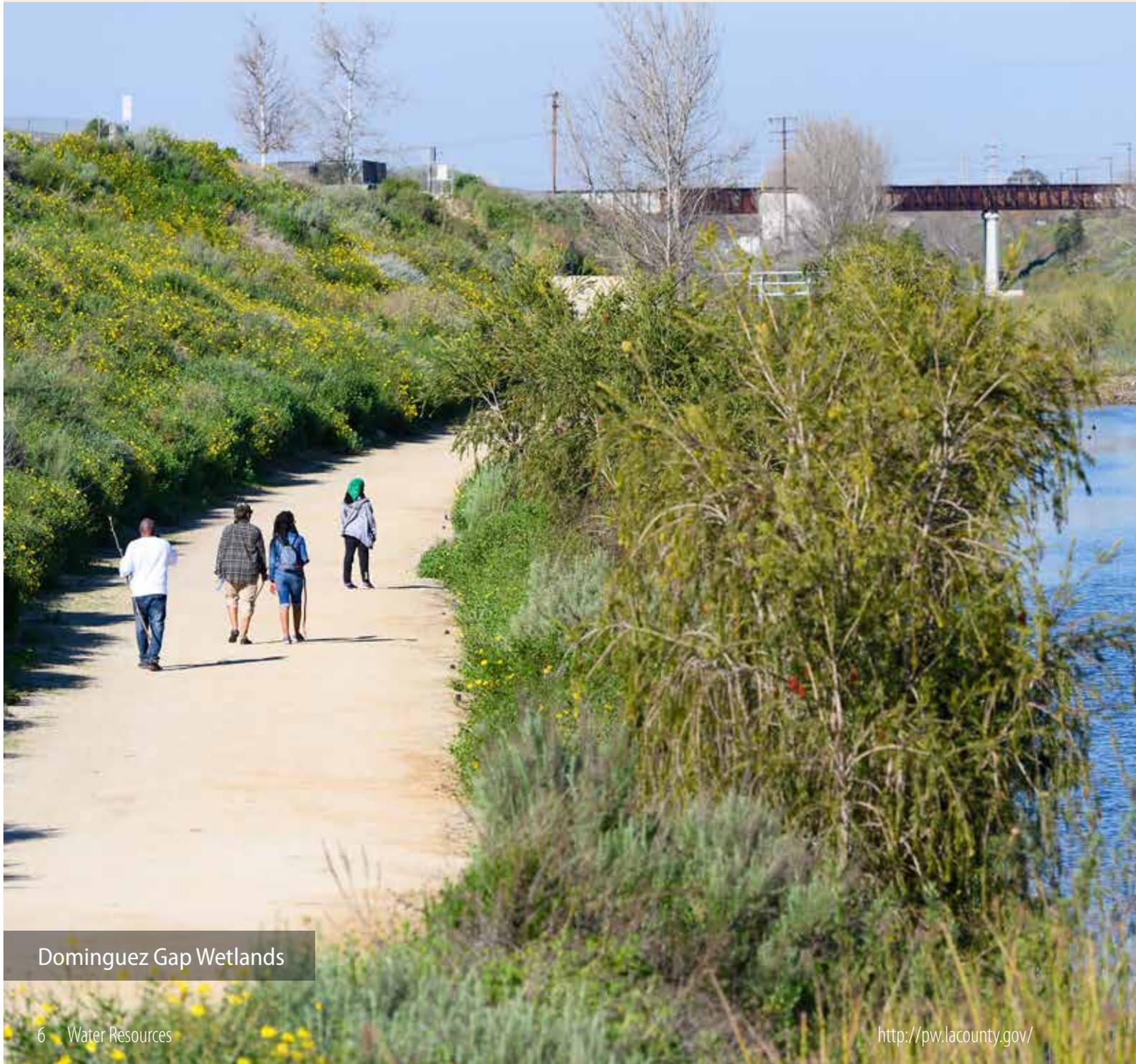
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Water Resources

“Los Angeles County’s water resources will be safe, clean, and reliable for all.”



Dominguez Gap Wetlands

14 dams

Providing flood protection for
10 million people
and contributing to their water supply



<http://pw.lacounty.gov/>

MAJOR PROGRAMS/SERVICES

Through the Los Angeles County Flood Control and Waterworks Districts, Public Works is responsible for Countywide water resource management, which includes flood risk management, water supply, and watershed health.

Flood Risk Management and Stormwater Capture

The Los Angeles County Flood Control District (Flood Control District) was established under the Los Angeles County Flood Control Act in 1915. The Act empowered the District to provide flood protection, water conservation, recreation and aesthetic enhancement within its boundaries. The Flood Control District is governed, as a separate entity, by the County of Los Angeles Board of Supervisors.

On behalf of the Flood Control District, Public Works constructs, operates, and maintains a regional system of flood control and water conservation facilities that provide flood protection and increase local water supply. The annual average budget of the Los Angeles County Flood Control District is \$300 million, with major funding from property taxes and a property benefit assessment for flood control.

The Flood Control District encompasses more than 2,700 square miles and approximately 2.1 million land parcels within 6 major watersheds. It includes drainage infrastructure within 86 incorporated cities as well as the unincorporated County areas. This includes 14 major dams and reservoirs, 620 miles of open channel, 27 spreading grounds, 3,400 miles of underground storm drains, 56 pump plants, 500 debris basins and debris retention inlets, 27 sediment placement sites, 3 seawater intrusion barriers, 6 water quality facilities, and an estimated 166,000 catch basins.

The reservoirs assist in recharging groundwater, which helps Los Angeles retain a supply of drinking water. Water from the reservoirs is released, as needed, and moves through a system of open channels into spreading grounds, where it replenishes groundwater basins by slowly percolating, or infiltrating, into the ground. The groundwater basins are accessed by wells, providing a valuable and reliable source of local drinking water. By conserving water in reservoirs, Los Angeles County relies less on imported water from other areas of California. The flood control system ensures that the greatest amount of water is captured in reservoirs and diverted into spreading grounds instead of being lost to the ocean.

Local groundwater provides one-third of the region's water supply. The Flood Control District's spreading operations significantly help to recharge these local groundwater aquifers.

The Flood Risk Management Program includes planning; operation; maintenance; emergency storm response; storm drain rehabilitation; debris protection; floodplain management; public service; and construction of storm protection facilities, such as dams, channels, debris basins, storm drains, pumps, and removal of accumulated debris from reservoirs, debris basins, and debris retaining inlets.

Public Works also operates and maintains three seawater intrusion barriers along Los Angeles County's coastline. Often unnoticed because of their underground nature, these facilities serve as Los Angeles basin's fresh water sentinels. They protect a significant portion of the area's drinking water supply from ocean water, which constantly attempts to migrate into existing aquifers. Treated imported and reclaimed water is injected deep into the underground aquifers to block this inland migration of saltwater.

Another vital component of the Flood Risk Management Program is the removal of accumulated debris from the numerous reservoirs and debris basins, which protect nearby communities. Debris removal from the reservoirs also restores capacity, which the region needs for stormwater conservation.

Integrated Regional Water Management Program (IRWMP)

Public Works leads the Greater Los Angeles County IRWMP, the largest regional water management group in the State involving 30 regional water management agencies.

The IRWMP planning process successfully brings together and prioritizes water-related efforts in the region in a systematic way to ensure sustainable water uses, reliable water supplies, better water quality, environmental stewardship, efficient urban development, protection of agriculture, and a strong economy. Through IRWMP, Public Works partners with regional water stakeholders and agencies to implement regional solutions through open and collaborative stakeholder processes to promote sustainable water use in the Los Angeles region.

Since its inception in 2008, IRWMP has successfully secured more than \$129 million in water resource grants for 71 projects.

Water Utilities

Public Works also provides retail water service to over 255,000 residents through the management of five County Waterworks Districts, the Marina del Rey water system, and the Rancho Los Amigos Water System. The systems are comprised of 1,346 miles of water mains, 122 storage

250,000

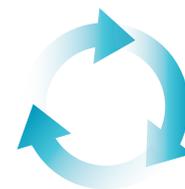
residents have access to new recreation opportunities at Flood Control District facilities within one mile of their homes

Since 2017, Public Works:

- Collaborated with 78 cities in 18 watershed groups to develop plans to improve stormwater/urban runoff quality.
- Invested \$148 million in Countywide unincorporated area stormwater quality improvements.
- Secured more than \$9.8 million in IRWM grant funding

Over the last 10 years, Public Works:

- **Increased the stormwater recharge capacity** at its facilities by approximately 17,680 acre-feet per year.
- **Invested more than \$187 million** in rehabilitating its dams and increasing their operational efficiency.
- **Invested more than \$58 million** in enhancing the capacity and operational efficiency of its spreading grounds and seawater barriers.

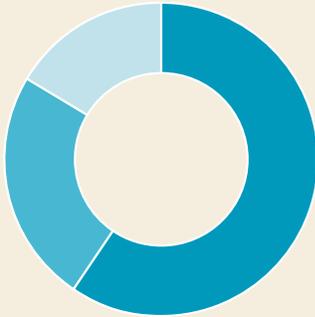


Public Works recharges enough groundwater from various sources annually to serve **3.48 million residents**

255,000

water customers served in
Marina del Rey, Malibu,
Val Verde, Acton, Kagel Canyon,
Antelope Valley

Average Annual Contribution to Regional Water Supply



 **200,000** acre-feet
Stormwater

 **65,000** acre-feet
Imported water

 **45,000** acre-feet
Recycled water

tanks, and 145 pump stations and includes the following five District areas:

- Malibu (SD3)
- Val Verde (SD5)
- Acton (SD5)
- Kagel Canyon (SD5)
- Antelope Valley (SD5)

The Los Angeles County Waterworks Districts operates out of three District offices (Alhambra, Malibu, and Lancaster) and maintains an online water account management system (MyWAM) for customers to easily access and manage their account online, anytime, anywhere and offers a “Live Chat” feature to enhance the customer service experience.

County Waterworks Districts also manages a robust water efficiency program and has met the State mandate to reduce daily per capita water usage by 20 percent by the year 2020. The program includes:

- Residential Rebate Program - offering rebates to customers on a variety of water-saving devices.
- Cash For Grass Program - offering customers \$1 per square foot of grass replaced with water-efficient landscaping.
- Xeriscape Education Program - education on landscaping with plants that use less water.
- County iPhone application to report Water Waste.

County Waterworks Districts has also partnered with the Cities of Lancaster and Palmdale for the design, construction, and operation of an 18 mile recycled water system and the use of recycled water in the Antelope Valley.

The annual budget for these Waterworks Districts and the Marina del Rey water system is \$205 million.

Watershed Health Program

Public Works is responsible for planning and implementing projects and programs to improve surface water quality in unincorporated County areas and is the lead Agency for the Los Angeles County Municipal Stormwater (MS4) Permit issued by the Regional Water Quality Control Board to the County of Los Angeles (unincorporated areas) and to the Los Angeles County Flood Control District (jurisdictional areas).

Over the last year, **21 low-flow diversions** have prevented around **182 million gallons** (equivalent to **5 million bathtubs**) of polluted urban runoff from entering local waterways

The current 2012 permit includes the County, the Flood Control District and 84 municipalities as permittees, and requires permittees to collectively control pollutant discharges into the municipal stormwater system and to meet 33 Total Maximum Daily Loads requirements. The permit requires a regional collaboration and Public Works is participating in 19 Watershed groups that were formed to complete watershed management plans to collectively develop and implement projects/programs to meet MS4 permit requirements and to identify opportunities for water quality projects that will also increase stormwater reuse and augment local water supply. These watershed groups have developed detailed plans that were approved by the Los Angeles Regional Water Quality Control Board.

Annually, the County invests over \$70 million in Countywide stormwater quality improvements.

KEY ISSUES/CHALLENGES

- **Climate Change**
 - Our region is subject to extreme weather which includes extended periods of drought with few, intense rain events.
 - Climate change is expected to reduce the reliability of imported water delivered to Los Angeles County. This will require an increased emphasis on development of local sources of water to increase the sustainability of our water supply.
- **Improving Water Body Health**
 - Federal and State regulations establish water quality standards to protect the beneficial uses of water bodies, which include aquatic habitat and recreation. New regulations continue to be developed.
 - Water bodies within Los Angeles County (rivers, lakes, and the ocean) are impaired by various pollutants, which negatively impact aquatic habitat and recreation. Stormwater, urban runoff, and other discharges are a source of these pollutants.
 - Many of these rivers and lakes are part of the urban flood control infrastructure belonging to the Flood Control District, such as the Los Angeles River, Verdugo Wash, and the Arroyo Seco Channel.
 - The unincorporated areas of the County and the Flood Control District (along with other cities in the County) are required to develop and implement programs to reduce pollutants entering water bodies. These programs are costly and existing funding is limited.
 - The cost to meet water-quality standards in Los Angeles County is estimated at \$20 billion dollars over the next 20 years. Most local agencies lack a reliable source of revenue to meet the long-term challenges.



Devil's Gate Dam

KEY PRIORITIES

- **Improve Water Supply Resiliency**
 - Lead and coordinate efforts to establish a sustainable regional water supply through integrated water management.
 - Safe, Clean Water Program – provide local, dedicated funding to increase local water supply, improve water quality, enhance communities, and protect public health in Los Angeles County.
 - Design and implement a community engagement strategy that integrates education and outreach on water management practices, ongoing challenges, and future solutions.
- **Optimize Infrastructure**
 - Implement comprehensive assessment of water infrastructure and develop long-term plans for repair, replacement, and upgrade to optimize flood protection.
 - Develop a master asset management plan to assist in coordinating all operations and management activities and educating local communities.
- **Enhance Communities and the Environment**
 - Lead integrated efforts to address community drainage needs, improve water quality, increase stormwater capture, and enhance communities with restored habitats, recreational values, and aesthetic improvements.
 - Implement strategies that encourage multi-benefit project development.

KEY PRIORITY STATUS (FOURTH: APRIL–JUNE 2021)

Priority: Improve Water Supply Resiliency

1. Public Works continues to lead and coordinate efforts to establish a sustainable regional water supply through integrated water management as demonstrated by the following accomplishments:
 - Developing the Los Angeles County Water Plan (CWP); integrating and building upon existing local and regional planning efforts to establish and articulate a shared, inclusive, regional path forward to sustainably achieve safe, clean, and reliable water resources for Los Angeles County. CWP stakeholder engagement has been initiated through a series of presentations at regional Integrated Regional Water Management (IRWM) meetings. Release of the draft CWP for public comment is anticipated by mid 2022.
 - Chairing the Steering Committee for the development of the Las Virgenes Municipal Water District (LVMWD) White Paper, which evaluates the use of existing wastewater and stormwater infrastructure to create new regional water supplies. The Los Angeles County Flood Control District (LACFCD) is providing co-funding, and participating in technical review for the White Paper, which is on schedule for completion in summer 2021.
 - LACFCD partnered with UCLA to conduct a study which will assist in evaluating the impact of climate change on LACFCD infrastructure. This 2-year study began in May 2020 and is on schedule for completion in spring 2022. UCLA is currently using machine learning to evaluate almost 50 global climate models to determine which ones most closely replicate regional weather patterns. The study is approximately at its mid-point, and in June 2021 UCLA gave a presentation to Public Works on the study methodology and status.
 - Implementing the agreement with the City of Los Angeles Department of Water and Power approved by the Board on June 20, 2020, to recharge up to 3,500 acre-feet of recycled water annually at Hansen Spreading Grounds.
2. Design and implement a community engagement strategy that integrates education and outreach on water management practices, ongoing challenges, and future solutions.
 - In summer 2019, the LACFCD implemented an outreach campaign centered on litter reduction in the Ballona Creek Watershed. Due to COVID-19, the next phase of the Countywide implementation campaign, which was originally planned for summer 2020, was placed on hold. In the meanwhile, LACFCD has taken its education efforts online through the Water for LA website (www.WaterforLA.com/water/quality) and social media. The outreach campaign will continue to develop Countywide pollutant-related messaging.
 - Public Works continues to meet and work collaboratively with non-governmental organizations, such as OurWaterLA, a coalition of environmental groups which includes, among others, LA Waterkeeper, Natural Resources Defense Council, Heal the Bay, Nature for All, and TreePeople, to discuss and identify stormwater project objectives, ideas, and priorities. Recent topics under discussion included implementing complete green street projects by incorporating nature-based solutions such as infiltration galleries and dry-wells, bioswales, and drought-tolerant landscaping with road, pedestrian, and mobility projects.
 - In an effort to engage local communities with the progress of stormwater projects, Public Works hosted a series of virtual community meetings in April 2021 to share updated progress on the Hasley Canyon Park project with local communities. Local residents were able to provide their comments and concerns as part of our ongoing dialogue to ensure delivery of the best product for our communities while meeting our project objectives.
3. Public Works continues to lead the Safe, Clean Water (SCW) Program implementation. The SCW Program provides local, dedicated funding to increase water supply, improve water quality, enhance communities, and protect public health in Los Angeles County. Accomplishments include:
 - Ongoing Year 2 regional governance committee meetings to develop final Fiscal Year 2021-22 (year 2) Stormwater Investment Plans (SIPs).
 - Released and continued development/refinement of various new tools, including the SCW Program Stormwater Investment Planning Tool, benefits map, dashboard and the strategic communications plan, which will include a website refresh.

- Ongoing facilitation and execution of the 86 Municipal Program and 45 FY 20-21 (year 1) Regional Program fund Transfer Agreements, with subsequent disbursement of funds.
- The SCW Program is in the process of onboarding the 12 Watershed Coordinators across the 9 Watershed Areas with draft Strategic Outreach and Engagement Plans in development.
- Kick off meetings for the development of 14 project concepts has begun which were approved in the FY 2020-21 SIPs as part of the Technical Resources Program (TRP) across 6 different Watershed Areas. As-needed consultants will complete each Feasibility Study, as proposed in the respective scopes of work, to address eligibility for the Infrastructure Program.
- Regional Program Reporting for funding recipients, which began on May 15, 2021, is fully underway.
- Regional Program Call for FY 2022-23 (year 3) Projects has been released. The Call for Projects included 2 virtual information sessions on how to apply. Applications are due July 31, 2021.
- Additional Interim Guidance for prioritizing Nature-Based Solutions and advancing Disadvantaged Community Policies to support SCW Program Goals was released in May.

Los Angeles County unincorporated area receives approximately \$11 million each year in municipal funds from the SCW Program. Public Works continues to lead the internal County Working Group (Group) to develop and implement each annual expenditure plan. The Group is comprised of 13 County departments involved in MS4 Permit activities, in addition to representatives from the Board offices and the CEO. The Municipal funds will be invested in new multi-benefit projects and be used as matching funds to leverage the SCW Program Regional Funds. The Group is currently convening to develop the second annual plan (FY 21-22).

Priority: Optimize Infrastructure

1. The Devil's Gate Reservoir Restoration Project continues, with the end goal being the removal of 1.7 million cubic yards of sediment over the span of 4 years. During the first two years of the project, over 980,000 cubic yards of sediment were removed. At project completion, it will maintain a permanent maintenance area from which 36 acres can be cleaned of newly accumulated sediment on an annual basis. The project's Community-First approach has resulted in additional project measures including:
 - Ensuring trucks are in compliance with required emissions
 - Conducting air quality monitoring
 - Resurfacing and restriping Oak Grove Drive
 - Modifying traffic lights at Windsor Avenue and Berkshire Place, and
 - Additional community outreach

The third year of hauling began in May 2021. It is anticipated this project will be completed in November 2021, one year ahead of schedule.

In addition, the project's habitat restoration component continues in the 70 acres surrounding the permanent maintenance area, resulting in the removal of extensive amounts of non-native vegetation, installation of temporary irrigation, application of native species seed, and installation of native species container plants.

2. The Santa Anita Dam Spillway Modification Project will bring Santa Anita Dam in compliance with the California Division of Safety of Dams regulations and mitigate flood risk to downstream communities. The project includes a new spillway capable of passing the probable maximum flood and improvements will be made to the electrical, mechanical, water, and control systems. The total cost to complete this project is \$37 million. The project was completed in June 2021. These dam improvements along with modifications to Santa Anita Debris Dam, Santa Anita Headworks, and Santa Anita Spreading Grounds are estimated to result in an average annual increase in groundwater recharge of over 500 acre-feet per year.

During the construction of the Spillway Modification Project, a heavy storm caused a rockslide which damaged a portion of the dam's access road and restricted vehicular access to the dam and reservoir. Public Works will pursue a

separate Santa Anita Dam Emergency Access Road Stabilization Project to restore the road. Construction of the road stabilization started in June 2021 and is anticipated to be completed by April 2022.

3. Public Works continues to work on the update of the County's Floodplain Management Plan (FMP), which is an overall strategy of programs (including a Program of Public Information), projects, and measures aimed at reducing the adverse impacts of flood hazards on unincorporated Los Angeles County communities. Concurrently, Public Works is updating the Repetitive Loss Area Analysis (RLAA) for unincorporated Los Angeles County. The RLAA outlines the location of these areas, the likely sources of flooding, and possible mitigation measures to reduce the risk from flood event. FEMA's technical review of the FMP and RLAA updates is completed. The FMP and RLAA were adopted by the Board in June 2021.
4. Since FY 2017-18, Public Works has been preparing condition assessments for its water infrastructure. To date, the condition assessments for:
 - Spreading grounds are 100 percent complete. All are in very good or good condition except for one, which is in fair condition.
 - Debris basins are 78 percent complete. Assessments of all 17 debris dams under State dam safety regulation are complete. All 17 facilities are generally in satisfactory condition, and overall slightly improved since the 2014 assessment.
 - Pump stations are 75 percent complete.
 - Low-flow diversion are 76 percent complete.
 - Ocean outlets are 62 percent complete.
 - Storm drains are approximately 46 percent complete.
 - Open channels are 64 percent complete.
 - Seawater barriers - 0 percent complete - The assessment began in March 2021 and is underway.
5. In May 2019 Public Works awarded a \$1.1M contract for the construction of the Avenue M and 5th Avenue East Wellhead Arsenic Treatment System Project, which will lower naturally occurring arsenic in the groundwater wells in Waterworks District 40, and in turn increase local water supply and resiliency during drought periods. Construction for the civil work began on October 23, 2019 and was completed May 22, 2020. The installation of the arsenic treatment system began on July 27, 2020, and construction is scheduled to be completed in July 2021.
6. In March 2020, Public Works, in collaboration with Internal Services Department, awarded a \$2.5 million contract to design and construct a hydro power generation facility. The facility consists of two 200 kW hydro turbines, replacing two existing pressure reduction valves at M5 East facility in Waterworks District 40. The design of the project was completed on July 24, 2020, but construction is delayed due to the COVID-19 pandemic.
7. In response to the 2020 Bobcat Fire emergency, Public Works is undertaking emergency projects at Cogswell and San Gabriel Reservoirs to remove 2,000,000 cubic yards and 4,900,000 cubic yards, respectively. The \$52.7 million Cogswell Reservoir Project started in April 2021. The \$92.2 million San Gabriel Reservoir Project began in June 2021.
8. Public Works responded to the residents affected by the 2020 Lake Fire, which burned over 31,000 acres. Debris flow mapping was performed to identify properties at risk during different levels of storm events, and evacuation lists were created and shared with first responders. Sixty-three homes were investigated for potential debris flow impacts and 26 were given advice. An earthen levee was found of unknown origin protecting approximately a dozen homes. The levee is in poor condition and solutions for replacing the levee were investigated. Proceeding on the levee depends on resolution of entitlement issues and securing a source of funding.

Priority: Enhance Communities and the Environment

1. Public Works continues to work toward the development of a pilot Triple Bottom Line Cost/Benefit Tool as we continue to lead integrated efforts to address regional and community drainage needs.
2. Public Works completed the draft Los Angeles River Master Plan Update (LARMP) and prepared a California

Environmental Quality Act (CEQA) Draft Program Environmental Impact Report (PEIR), which were released for public review on January 13, 2021, and February 1, 2021, respectively. The Draft LARMP and Draft PEIR were available for comment for 120-days and 101-days, respectively, with the comment period ending on May 13, 2021. Public Works will review and address all public comments received and prepare the final documents. The LARMP and PEIR are scheduled for Board adoption at the end of 2021.

3. In late 2019 the LACFCD entered into a public-private partnership agreement with The Ocean Cleanup (TOC), a Dutch nonprofit organization, to deploy a trash Interceptor at the mouth of Ballona Creek to enhance ongoing efforts to prevent debris and trash from entering the ocean. Public Works has completed the design for the anchoring system and is coordinating with regulatory agencies to obtain the required permits. At this time, we have secured permits from the Coastal Commission and the Regional Board. Securing an assembly/staging area and interim storage for the Inceptor is being coordinated with the Los Angeles County Department of Beaches & Harbors and TOC. Public Works conducted a community engagement meeting on October 7, 2020 and launched a webpage for the project. Public Works hosted a follow up meeting in Playa del Rey in June 2021 to update the community and residents who live near the proposed location on our efforts and project timeline. We are currently conducting additional research into the feasibility of potential deployment areas upstream of the residential area near the mouth of Ballona Creek. We plan to report back to the community in August 2021 to discuss next steps. Construction is scheduled to start as soon as we receive the 408 Permits from the US Army Corps of Engineers (anticipated by August 2021). TOC is planning to deliver the interceptor in October 2021 and deployment is anticipated for January 2022. However, deployment of the Interceptor may be delayed by approximately two years if the proposed location is changed.
4. Public Works is nearing completion of four regional stormwater capture projects:
 - Carson Stormwater and Urban Runoff Capture at Carriage Crest Park Project - to be completed August 2021
 - Ladera Park Stormwater Improvements Project - to be completed July 2021
 - Gates Canyon Park Stormwater Improvements Project - to be completed July 2021
 - East Los Angeles Sustainable Median Stormwater Capture Project - to be completed December 2021

The projects will improve stormwater quality by diverting pollution away from our rivers, lakes, and streams. The projects all incorporate community enhancements such as new recreational features or drought tolerant landscaping. An additional eight stormwater capture projects are currently in the design phase.

5. The current MS4 Permit, which allows municipalities to discharge stormwater runoff from their storm sewer systems to receiving waters, expired on December 28, 2017. However, it remains in effect until a new Permit is adopted. Public Works, in coordination with County Counsel, continues to have meetings with Regional Board staff to discuss revisions to the proposed Permit, which includes preservation of the Enhanced Watershed Management Plans as an alternative compliance pathway, incorporation of the SCW Program and extension of Total Maximum Daily Loads with deadlines within the next five years. A tentative draft Permit was released for public review in June 2021 with several workshop meetings planned in July 2021 to discuss the Permit. The Permit is expected to be adopted soon after the workshops.



Transportation

"For Los Angeles County to be the model for smart, active, safe, and sustainable transportation choices."



76% of residents in unincorporated Los Angeles County live within 1 mile of a bicycle network

68% of residents in unincorporated Los Angeles County live within 1/4 mile of public transit



MAJOR PROGRAMS/SERVICES

Public Works' Transportation Core Service Area promotes Countywide mobility and multimodal transportation opportunities, managing over 4,200 centerline miles of County and contract city roads, transportation infrastructure, programs, and services including:

Road Infrastructure

Public Works manages the County Transportation Improvement Program for road improvement projects and annual operations and maintenance efforts, funded primarily from gas tax funds, Proposition C, Measure R, and Measure M Local Return funds, Senate Bill 1 (SB 1) Road Maintenance and Rehabilitation Account funds, and Federal, State, regional grant programs. Projects include traffic safety and operational improvements, pavement rehabilitation, roadway drainage, active transportation, street lighting, green street, and beautification projects.

Road Maintenance and Operations staff operate out of field facilities located throughout the County and provide comprehensive maintenance activities and emergency response, including pavement patching and resurfacing; litter and debris removal; sidewalk, curb, and gutter repair; guardrail maintenance; snow removal; street sweeping; median landscape maintenance: street lighting; vegetation control; bike path maintenance; tree trimming and planting; traffic signing and striping; pavement marking; and traffic signal operations and maintenance.

Bridge Infrastructure

Public Works inspects and maintains 533 County-owned bridges and inspects 1,168 city-owned bridges under contract city services. Public Works is also responsible for safety inspections and evaluations of 1,277 highway bridges listed in the National Bridge Inventory within Los Angeles County and serves as the lead agency for the seismic retrofit of nonstate-owned bridges within Los Angeles County as part of the Statewide Seismic Safety Retrofit Program.

Traffic Programs & Services

The County leads a multijurisdictional Traffic Signal Synchronization and Intelligent Transportation System effort, which has provided approximately \$275 million dollars worth of improvements to nearly 70 agencies Countywide through the Los Angeles County Metropolitan Transportation Authority's

Call for Projects biennial grant funding program. Future planned improvements are funded through Measure R Highway Subregional Program, the Measure M Multi-Year Subregional Program, and other local, State, and Federal grant funding.

Public Works also monitors and controls traffic signals Countywide from its state-of-the-art Traffic Management Center in Alhambra and manages additional traffic safety programs and services such as the following:

- County Lighting Maintenance Districts (Streetlights)
- Constituent requests regarding traffic safety, parking, and other traffic concerns
- Los Angeles County Highway Safety Commission
- Adult Crossing Guard Service for Elementary and Middle Schools

Bicycles & Pedestrians

Public Works is responsible for the development and maintenance of the County's bikeway system and the implementation of the Los Angeles County Bicycle Master Plan adopted by the Board in 2012. The Master Plan is in the process of being updated to revise the list of bikeways to identify new potential bikeway locations and remove unsuitable locations; and to include design guidelines for Class IV bikeways on unincorporated roadways, bikeway infrastructure, and improvements.

The Agency is responsible for implementing transportation infrastructure in support of Step by Step LA County: Pedestrian Plans for Unincorporated Communities. Improvements that support pedestrian activity such as high visibility crosswalks, continuous sidewalks, and shade trees or structures are another component to promoting healthy communities.

Public Transit

Public Works provides local fixed-route transit service to over 3.3 million riders annually and paratransit (dial-a-ride) service in unincorporated areas to meet the needs of community residents, providing access and intermodal transportation mobility and connectivity.

During the summer season, Public Works provides transportation to the Hollywood Bowl and area beaches. Other activities include the operation and maintenance of park-and-ride lots, bus stop shelter maintenance, and advertising programs. Transit services are primarily financed with the County's share of Proposition A Local Return, local sales tax funds.

Active Transportation & Healthy Communities

The Department of Public Health identified communities throughout the County with a need for improved health outcomes. In collaboration with other County departments, Public Works' Transportation Core Service Area has a key role in helping to address this challenge through transportation programs and improvements that promote walking, bicycling, transit use, and safety. These active transportation programs increase the public's transportation choices, provide improved connections to transit hubs and destination centers, and improve health outcomes by promoting healthy lifestyles, reducing reliance on automobile travel, and reducing greenhouse gas emissions.

Traffic Safety and Vision Zero

In collaboration with the Department of Public Health and with the support of other County departments, Public Works established an Action Plan to carry out the County's Vision Zero Goal, an effort to reduce and eventually, eliminate traffic-related fatalities and severe injuries on Unincorporated County roadways. This multifaceted initiative relies on a combination of strategies relating to engineering, enforcement, education and evaluation of data and outcomes to continually strive toward zero traffic fatalities.

Aviation

Public Works oversees the operation, maintenance, and development of five County-owned general aviation airports:

- San Gabriel Valley Airport in the City of El Monte (SD1)
- Compton/Woodley Airport in Compton (SD2)
- Whiteman Airport in Pacoima (SD3)
- Brackett Field Airport in the City of La Verne (SD5)
- General William J. Fox Airfield in Lancaster (SD5)

Altogether the County-owned airports encompass 1,750 acres and nearly 6 miles of runway, are home to over 1,800 general aviation aircraft and over 55 privately-owned aviation businesses, and accommodate just over 330,000 aircraft takeoffs and landings each year. These airports are a vital part of the nation's integrated transportation system and also play a vital role in regional and local area emergency response.

\$200+ Million spent annually on street and road operation, maintenance and safety programs

KEY ISSUES/CHALLENGES

- **Infrastructure State of Good Repair**
 - Funding for County Transportation Improvement Program projects, and operations and maintenance efforts, primarily comes from:
 - Gas tax funds
 - SB 1 (Beall) provides significant new revenues for road repair and rehabilitation, maintenance, and safety programs beginning in FY 2017–18
 - Local sales tax measures (Proposition C, Measure R and Measure M)
 - Federal, State, and regional grant programs
 - Emphasis on rapid rollout of SB 1 – funded projects that the public can see to demonstrate the benefits of the new transportation tax dollars.
 - Thoughtful allocation of transportation funds to ensure an effective balance between infrastructure repair needs and ongoing operation, maintenance, and safety programs that promote livability and quality of life of our communities.
 - Capitalizing on sub-regional Measure M funding to promote mobility and active transportation in and around unincorporated area communities.
 - Proper planning and implementation cannot always account for natural disasters, as the devastation of the Woolsey Fire has had a significant impact on County transportation infrastructure.
 - The fire, which spread from neighboring Ventura County, laid a path of devastation that saw the destruction of thousands of structures and hundreds of homes and also damaged critical transportation infrastructure. The fire damaged or destroyed 3 bridges, countless miles of guardrail, timber and rail walls for embankment support, as well as roadside drains that are critical to flood control during storm events.
 - Although the impact to the County’s transportation infrastructure pales in comparison to the devastation and loss felt by our constituents and property owners, the impact to recovery efforts for transportation infrastructure forced a significant re-deployment of resources and personnel.
 - Dozens of employees from every area within Public Works were deployed in various capacities to assist with the recovery efforts, from providing guidance for potential mudflow events, emergency openings of roadways, to the design and implementation of emergency repairs for other critical infrastructure, and for the coordination of multi-agency efforts to ensure uniform and consistent recovery operations.
- **Providing For the Needs of All Transportation System Users**
 - Provide ongoing adequate investment in state of good repair for the aging bridge, pavement, and sidewalk infrastructure and safety and congestion management.
 - Ensure that Public Works addresses community values, safety, and compliance which encompasses the consistent implementation of multimodal and sustainable transportation plans, policies, and projects.
 - Create a culture of innovation that promotes economic, environmental, and community-based sustainable maintenance and management of public infrastructure, including the County’s urban forest.
 - Improve customer service, transparency, and communication through enhanced and sustainable programs, systems, and initiatives.

9

Sub-regions/Councils of Government in the County (Arroyo Verdugo, Central Los Angeles, Gateway Cities, Las Virgenes/Malibu, North Los Angeles County, San Fernando Valley, San Gabriel Valley, South Bay Cities, and Westside Cities)



Mulholland Bridge

KEY PRIORITIES

- **Optimizing Transportation Infrastructure**
 - Improve, enhance and maintain pavement, bridges, sidewalks, traffic control devices, street lighting, and roadway infrastructure in a state of good repair.
 - Continue efforts for sustainable transportation funding by identifying and implementing cost-effective methods for maximizing available funding sources for the delivery of services, projects, and programs.
 - Promote integration of non-traditional funding sources and cost-sharing strategies in the development of project budgets.
- **Innovation, Planning, and Sustainability**
 - Develop the framework for innovative, active, and sustainable transportation planning.
 - Implement sustainable transportation planning policies that promote transit use, reduce car dependency, reduce greenhouse gases, and that support development of affordable housing.
- **Transportation Safety**
 - Begin implementation of Public Works' Vision Zero Action Plan.
 - Consistently monitor the safety of the transportation network and deliver traffic safety projects and enhancements for all users.

KEY PRIORITY STATUS (FOURTH: APRIL–JUNE 2021)

Priority 1: Optimizing Transportation Infrastructure

1. Obtained Board approval of the sale and license agreements with Southern California Edison (SCE) for acquisition of 39,000 streetlights serving unincorporated County areas in May 2019. Completed fiscal and operational impact analyses to the Street Lighting Program and recommended using a combination of set aside capital improvements funding and projected annual revenue surplus to finance acquisition and LED conversion of the streetlights. California Public Utilities Commission approved the streetlight sale on August 18, 2020, and Board approved an on-call streetlight LED conversion and maintenance contract on October 13, 2020.

SCE has commenced field verification activities to reconcile their streetlight inventory for light transfer. Transfer of the ownership of streetlights to the County began in March 2021 and will continue in phases. Conversion of transferred streetlights to LED technology will commence shortly after the transfer. As of June 30, 2021, approximately 5,900 streetlights were purchased in various unincorporated communities within the County Lighting Districts. LED conversion commenced on May 24, 2021.

2. Managed the infrastructure recovery plan for the County's critical transportation infrastructure, including the development of projects for the replacement of guardrails, rail and timber walls, and permanent restoration of critical bridge structures that burned in the Woolsey Fire. Guardrail projects are complete. Phase 2 of the Mulholland Highway over Triunfo Creek bridge project, which includes the installation of the permanent bridge and removal of the temporary bridge, is estimated to remain in construction until September 25, 2021. All other bridge construction is complete.
3. Continued construction for a capital improvement project for Brackett Field Airport. The project will reconstruct approximately 40 acres of airport apron and ramp pavement. Construction started on February 29, 2020 and is anticipated to be completed by July 2021.
4. Completed nine pavement improvement projects funded with SB 1 Road Maintenance and Rehabilitation Account (RMRA) totaling approximately \$21.6 million in the estimated construction contract.
5. Continued a Cool Pavement Pilot Project, which aims to measure the effectiveness of cool pavements, which are special light-colored coatings that are applied to pavement surfaces to reflect sunlight and stay cooler than traditional road pavements. The project in the unincorporated County community of Covina will test four different coatings and will measure cooling effects, longevity of coatings, and cost effectiveness. Public Works is partnering with the University of Southern California to collect data and to complete the analysis, currently expected by summer 2021.
6. The County's Traffic Safety Program has continued to grow, with the ongoing identification of projects and the completion of ten traffic safety projects.
7. Continued to work with the Castaic Town Council to complete improvements associated with the Interstate 5 Emergency Mobility Action Plan to mitigate impacts from unpredictable closures of the freeway. Future improvements include new traffic signals on The Old Road at Parker Road, and Ridge Route Road at Castaic Road. A communications system and sensors will be installed at the intersections to enable Public Works to monitor traffic conditions and coordinate signal operations with Caltrans and the City of Santa Clarita.
8. Continued to support LA County Department of Public Health's efforts to test for COVID-19. As of April 15, 2020, County-owned San Gabriel Valley Airport in the City of El Monte serves as a drive-up mobile testing site.
9. Continued to move forward to insource necessary personnel to perform day-to-day management, operation, and maintenance of the County-owned airports. The recruitment and selection process has begun. The contract with American Airports Corporation that was set to expire on March 31, 2021, has been extended to a month-to-month basis up to July 1, 2021. An amendment to the contract was approved by the Board on March 2, 2021.

Additionally, four contracts will be used to supplement the new County staff: janitorial, landscaping, night security, and aircraft refueling services. Requests For Proposals (RFP) for the four contracts have been advertised. Janitorial, landscaping, and nighttime security have been approved. No qualified bidders responded to the fueling RFP. We are looking into a short-term sole source arrangement or having County staff provide the service.

10. Damage assessment has been completed for the Bobcat Fire area and recovery work is in progress. Public Works went out with the California Governor's Office of Emergency Services (Cal OES) on May 26, 2021, to review the damaged sites on Santa Anita Road and around the community of Juniper Hills. All debris clearing has been completed to provide for future storms. Temporary measures have been implemented where guardrail was damaged and permanent work is being carried out to replace all damaged guardrail. Temporary K-rails have been placed on Santa Anita Canyon Road at two locations with damaged rock wall and the permanent work is currently being expedited. Tree and vegetation clearance has been completed. Signs and striping have been replaced and temporary no parking restrictions have been implemented in closed recreational areas. For the Lake Fire, tree and vegetation clearance has been completed and repairs to timber structures are delayed pending the Governor's emergency proclamation for the Lake Fire incident.
11. Beginning May 1, 2021, implemented twice per month street sweeping on residential streets. Major streets continue to be swept once a week. Street sweeping services help ensure clean and safe streets for Los Angeles County communities. We encouraged residents to visit the LA County Street Sweeping Service website at <https://pw.lacounty.gov/rmd/streetsweeping/> for information on street sweeping schedules in their community. Providing the appropriate level of service allows us to provide clean streets and focus resources on maintaining and improving our streets, sidewalks, and urban forest.
12. Continued to implement cost savings measures to address revenue reduction to the unrestricted gas tax due to COVID-19. Implemented short term steps to reduce the potential for future budget shortfalls by reducing expenditures and by increasing available reimbursement for disaster repairs. Developed medium- and long-term cost cutting measures for current and future fiscal years. Continued to follow up and monitor significant operations and maintenance programs to measure success in cost savings measures.
13. Processed an agreement with Caltrans to exchange \$950,813 from Los Angeles County's annual apportionment of federal transportation funds for an equivalent amount in State transportation funds. This action relieves the County of complying with costly and lengthy federal approval processes and enables a more cost-effective use of funds on transportation projects. The agreement is tentatively scheduled to be presented to the Board for approval in July 2021. We expect to receive the funds by November 2021.
14. Supported the recovery efforts for Disaster Areas impacted by the Woolsey and Creek Fires.
Continued coordination efforts for disaster recovery funding through Federal Highway Administration, Federal Emergency Management Agency (FEMA), and California Office of Emergency Services. The total damages to Public Works' infrastructure related to fires impacting the County and subsequent rainstorms is currently estimated at \$99 million, which includes \$77 million related to transportation infrastructure.
15. Coordinated, compiled documentation, and submitted to Office of Emergency Management approximately \$10.6 million in completed FEMA eligible Public Works projects related to the 2018 Woolsey Fire, of which approximately \$5.9 million was fronted by transportation funds. FEMA reviewed and approved \$5.4 million of eligible project submittals to date.
16. Coordinated and submitted extensive cost reporting and documentation to the LA County Office of Emergency Management for COVID-19 disaster recovery funding through the Coronavirus Aid, Relief, and Economic Security (CARES) Act, FEMA, and Cal OES.
The total Public Works expenditures on COVID-19 is approximately \$18.4 million, which includes approximately \$120,000 from the Road Fund. Since the County received funding up front from CARES and FEMA, documentation is required to be submitted on a monthly basis. Public Works continued to compile and submit cost documentation while the CEO determines how remaining CARES funding will be allocated to County departments.
17. Compiled the FY 2021-22 list of proposed road infrastructure and safety projects to be financed with RMRA Funds under SB 1. The project list was approved by the Board in June 2021.
18. Requested approximately \$25 million for transportation infrastructure and transit bus electrification through multiple Members of Congress FAST Act Authorization and appropriations earmarks.

Priority 2: Innovation, Planning, and Sustainability

1. Submitted one application for the Affordable Housing and Sustainable Communities (AHSC) grant program Round 6

which includes almost \$3 million in transportation improvements.

2. Continued development of the Rosemead Boulevard Complete Streets Project through collaboration with stakeholders. Currently working with US Army Corps of Engineers (USACE) to incorporate a southerly segment of the complete streets project as part of USACE's Whittier Narrows Dam Safety Modification project. Public Works continued efforts to secure a road easement from USACE that will be needed for the project. Also continued working with Caltrans to evaluate an alternative to address conflict points at on- and off-ramps where Rosemead Boulevard intersects the 60 freeway.
3. Continued efforts to pursue an interim project for Rosemead Boulevard, consistent with the Emerald Necklace Bikeway prioritized projects. Construction of the interim project is pending approval from USACE.
4. Continued efforts to implement various projects from the Emerald Necklace Vision Plan, including a bridge over San Jose Creek to connect the existing San Jose Creek bike path with the Duck Farm along the San Gabriel River, and the Quarry Clasp/Peck Park Trail Project.
5. Continued collaboration with the San Gabriel Valley Greenway Network Strategic Implementation Plan Steering Committee members on planning efforts for a future San Gabriel Valley Greenway Network.
6. Continued the design of 23 future Traffic Signal Synchronization Projects involving 536 intersections in the Cities of Arcadia, Artesia, Baldwin Park, Bellflower, Carson, Cerritos, Claremont, Commerce, Compton, Covina, Downey, El Monte, El Segundo, Gardena, Glendale, Hawthorne, Industry, Inglewood, Irwindale, Lakewood, La Canada Flintridge, La Mirada, La Verne, Lawndale, Long Beach, Los Angeles, Lynwood, Manhattan Beach, Monrovia, Montebello, Pico Rivera, Pomona, Redondo Beach, Rosemead, San Dimas, Santa Fe Springs, South El Monte, South Gate, Temple City, Walnut, and Whittier. These projects have an estimated total cost of \$52 million.
7. Continued design of the Gateway Cities Fiber Optic Communications and Closed-Circuit Television Camera (CCTV) Project which will install fiber optic communications and 13 CCTV cameras at key intersections in the Gateway Cities area. The Project will establish fiber optic communication connections with the Cities of Downey, Norwalk, Santa Fe Springs, and South Gate to enable enhanced traffic coordination. Construction expected to begin summer 2022.
8. Continued efforts to obtain professional consultant services for a comprehensive update and expansion of the County's Bicycle Master Plan. The update will include revising the existing list of bikeways, removing locations determined infeasible, and proposing new locations, including Class IV bikeways; incorporation of first last mile improvements to connect bikeways to transit stations and bus stops; and incorporating policies and guidelines for shared bikeway infrastructure with micro-mobility devices.
9. Continued to coordinate community outreach with the Cities of Whittier and Santa Fe Springs regarding the First Last Mile Plan for the proposed Gold Line Eastside Extension Phase II Norwalk and Whittier stations. The outreach approach was modified from the original plan to account for limited public gatherings and physical distancing guidelines due to COVID-19. The project is investigating the feasibility of a socially-distanced walk audit.
10. Prepared presentation materials for the public review of the Vehicle Miles Traveled metric and thresholds of significance utilized in the County's Transportation Impact Analysis guidelines.
11. Continued to support the County's Temporary Outdoor Dining Program. In response to the Coronavirus pandemic, and to support restaurants' efforts to accommodate physical distancing for dine-in patrons, offered permits for the implementation of temporary outdoor dining spaces in road right-of-way such as public sidewalks, alleys, and parking lanes through a website that was previously developed. The website contains information about the program, including Countywide guidelines, and links to an application through the Electronic Permitting and Inspections for the County of Los Angeles (EPIC-LA) website. The inter-departmental effort also provides restaurant owners with the ability to convert private on-site and off-site parking facilities into eating areas. Continued to offer temporary parking areas in road right-of-way, as requested by restaurants, to create pick-up zones for takeout dining services. Collaborated with other County Departments on proposed guidelines for expanded outdoor dining spaces including public sidewalks, alleys, and within the road right-of-way, as Los Angeles County metrics continue to show reduced COVID-19 transmission and restaurants begin to prepare for operating at full capacity.
12. Continued to support the Temporary Outdoor Personal Care Services Program in response to the Coronavirus pandemic to support personal care services (such as hair salons and barber shops), and to accommodate physical distancing for patrons by offering permits to repurpose County road right-of-way. Similar to the Temporary Outdoor Dining Program, this inter-departmental effort included the development of new guidelines, webpages, applications, and processes, and was compatible with EPIC-LA. The Temporary Outdoor Personal Care Services Program is expected to sunset once

the County's local emergency for COVID-19 is lifted.

13. Continued the development of a County Street Ambassador Program. In response to the Board's motion of September 29, 2020, Public Works is coordinating with Board offices and affected County Departments to develop a Street Ambassadors program to create community-based teams that will be responsible for addressing all issues that arise in the public rights-of-way. The next steps involve developing the program details and providing a report to the Board in August 2021.
14. Signed a Streetlight Master License Agreement with New Cingular Wireless, commonly known as AT&T. Public Works intends to file a Board letter for the August 10, 2021, Board Agenda for approval and delegated authorization to execute the Agreement. Negotiations with Verizon and Crown Castle on their respective license agreements are underway.

Priority 3: Transportation Safety

1. Continued developing two pilot projects along Collision Concentration Corridors (CCC) identified in the Vision Zero Action Plan titled "Vision Zero Los Angeles County – A Plan for Safer Roadways, 2020 to 2025", which was adopted by the Board of Supervisors on August 4, 2020. The two pilot projects will be on Normandie Avenue in Westmont and Pacific Boulevard in Walnut Park. Scoping also began on a third pilot project along Norwalk Boulevard in West Whittier-Los Nietos. All three pilot projects are located along Top 25 CCCs.
2. Continued studying the major north-south corridors within the unincorporated County community of Walnut Park to help inform future traffic safety enhancements.
3. Continued to scope various transportation safety elements along Vision Zero CCCs for inclusion in future RMRA.
4. Continued developing funding and implementation plans for traffic safety programs.
5. Continued to implement the Slow Streets Program and install Slow Street networks in collaboration with community sponsors. Installation of temporary signs with "Slow Down" messaging occurred in the unincorporated communities of Altadena, Desert View Highlands, East Pasadena, La Crescenta, South San Jose Hills, Willowbrook, and more. The Slow Streets Program was developed in response to the Coronavirus pandemic, and to support physical distancing and active recreation in park-poor communities. Information on the Slow Streets Program is available on the Vision Zero website, www.VisionZeroLACounty.com, which was developed to provide communities with information regarding the Vision Zero Action Plan. With temporary signs installed at nearly 540 locations (as of May 14, 2021), it is estimated that the Slow Streets Program has served over 38,000 unincorporated County residents. Began exploring options to replace the temporary Slow Streets Program with a permanent program that offers similar traffic safety benefits, as unincorporated County communities continue to emerge from the COVID-19 emergency and gain a sense of normalcy.
6. Established partnership with Waze to pilot the delivery of traffic safety information to motorists across the LA County Region.
7. Installed the first Class IV protected bike lane in the unincorporated County along Workman Mill Road between Oakman Drive and Don Julian Road.
8. Processed a work order solicitation for the Active Transportation Program grant-funded East Los Angeles Active Transportation Education and Encouragement Program. This program will nurture students from the East Los Angeles Renaissance Academy to become community advocates for traffic safety and active transportation.



Environmental Services

"Vibrant, waste-conscious communities with cutting-edge 21st century infrastructure."





MAJOR PROGRAMS/SERVICES

Public Works is the lead County agency responsible for advising the Board of Supervisors on waste management issues and manages numerous Countywide, regional, and unincorporated area programs that monitor, regulate, and manage the collection, treatment and disposal of solid and hazardous waste.

Los Angeles County has the most complex solid-waste management system in the nation, comprised of 10 municipal solid waste landfills, 1 waste-to-energy facility, 9 inert-waste landfills, over 70 materials recovery, transfer/processing and organics management facilities, and over 100 permitted waste haulers.

Public Works also manages, operates, and maintains sewer infrastructure within the Consolidated Sewer Maintenance District and the Marina Sewer Maintenance District (Districts). The Districts provide services to a population of over 2 million people within the County unincorporated area and 37 cities.

Waste Collection and Disposal

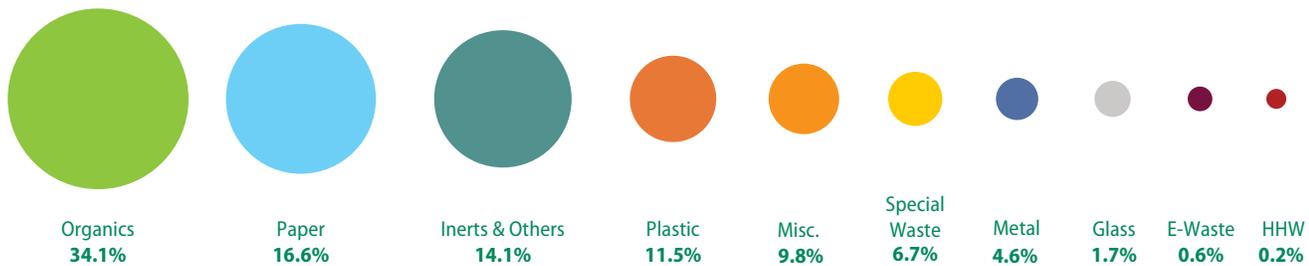
Public Works provides trash collection service for approximately 1.1 million unincorporated area residents and nearly 20,000 businesses through comprehensive waste collection franchises and Garbage Disposal District systems. In the Antelope Valley, residential trash collection services are provided to approximately 100,000 residents through an open-market competitive system. Each year, Los Angeles County unincorporated areas generate nearly 2.8 million tons of solid waste; approximately 0.9 million tons are disposed at landfills.

Waste Diversion Programs

In 2014 the County Board of Supervisors adopted the Roadmap to a Sustainable Waste Management Future. The Roadmap lays out a general framework for the strategies and initiatives that the County can implement to decrease reliance on landfills by maximizing the recovery of products, materials, and energy from waste that would otherwise be disposed. The Roadmap includes recommended strategies, initiatives, and disposal reduction targets to achieve 95 percent diversion by 2045.

Public Works manages numerous County unincorporated area and Countywide solid waste reduction and recycling programs, including the Countywide Household Hazardous and Electronic Waste (HHW/E-Waste) Management Program, which collected and managed over 7,066 tons of HHW/E-Waste Public

Components of Waste Stream



Public Works manages numerous County unincorporated area and Countywide solid waste reduction and recycling programs, including the Countywide HHW/E-Waste Management Program, which collected and managed over 7,000 tons of HHW/E-Waste in FY 2019-20.

- Environmental Education & School Outreach (Environmental Defenders, Generation Earth and School Garden Programs)
- Smart Gardening Program
- Smart Business Recycling Program
- Construction & Demolition Debris Recycling Program
- Waste Tire Recycling Program
- Mattress Recycling Program
- Food Donation Recovery and Outreach Program (Food DROP)

Integrated Waste Management Planning

Public Works is responsible for ensuring that the County unincorporated areas comply with waste diversion mandates, preparing and implementing the Countywide Integrated Waste Management Plan, and ensuring long-term disposal capacity for the County and its 88 cities in accordance with the California Integrated Waste Management Act of 1989 (AB 939). Public Works serves as chair of the County Integrated Waste Management Task Force.

The Task Force is comprised of representatives from local government, the solid waste management and recycling industry, members of the general public, the business sector, and environmental groups to collaboratively plan the County's solid waste management needs.

Industrial Waste Control Program

Public Works provides industrial waste services for the unincorporated areas of the County and 37 contract cities, including inspection of 8,000 permitted industrial waste pretreatment systems, and enforcement against illegal, harmful industrial waste discharges to the sanitary sewer

2020 Waste Generation in Unincorporated County:

- Population: **1.1 million**
- Waste generation: **2.8 million tons**
- Equivalent to **14.8 pounds per person per day**

2020 Waste Disposal in Unincorporated County:

- **0.9 million tons** disposed in landfills
- Equivalent to **4.9 pounds per person per day**

7,064 tons

Household Hazardous Waste/E-Waste Collected

52,791 gallons

Used-motor oil collected at
County used-motor oil permanent centers
FY 2019-20

11.6 tons

Batteries collected at
designated County Libraries
FY 2019-20

system and surface waters.

Underground Storage Tank Program

Public Works permits, monitors, and inspects underground storage tanks within the unincorporated areas of the County and 77 cities for compliance with local, State, and Federal requirements. Currently, Public Works is monitoring over 4,400 underground tank systems in the County to protect public health and safety, as well as groundwater.

Stormwater and Runoff Pollution Control Program

Public Works inspects specific industrial/commercial businesses and issues certificates of inspection for over 3,100 facilities within the unincorporated areas. To minimize stormwater pollution and improve water

quality of our waterways, Best Management Practices need to be implemented.

Wastewater Collection and Treatment Infrastructure

The wastewater infrastructure maintained by Public Works includes 4,611 miles of mainlines, 162 pump stations, and 4 wastewater treatment plants. The Sewer Maintenance Districts must adhere to the Statewide General Waste Discharge Requirements and Monitoring and Reporting Program overseen by the California Regional Water Quality Control Board (Region 4), and all other applicable Federal, State, and Local regulations.

2019 Solid Waste Quantities in Los Angeles County

Generation = Diversion + Disposal



Amount of trash generated

30 million tons per year



Amount of trash diverted

19.5 million tons per year



Amount of trash disposed

10.5 million tons per year

KEY ISSUES/CHALLENGES

- Residents and businesses in Los Angeles County currently generate 30 million tons of solid waste per year, of which 2.8 million originates from unincorporated areas. The sustainable management of this waste is a major challenge, which involves waste collection, outreach and education, maximizing waste reduction and recycling, development of alternatives to landfills, and ensuring adequate disposal capacity for the waste that cannot be recycled or otherwise diverted. Waste disposed at landfills is also a major source of greenhouse gases that contributes to climate change.
- There is limited potential for new in-County landfill capacity to meet the long-term disposal needs of Los Angeles County.
- China's National Sword Policy, which was announced in 2017 and took effect in 2018, has created challenges for California's recycling markets by restricting the import of recyclable materials such as low-grade plastics, unsorted mixed paper, and scrap metals.
- Los Angeles County has inadequate organic waste management infrastructure to comply with the organic waste landfill disposal reduction requirements of Senate Bill 1383 (SB 1383).
- Industrial waste discharges and the underground storage of hazardous materials, if not properly managed, can lead to surface and groundwater contamination which impacts health and safety and the environment.
- Aging infrastructure and varying regional management practices have reduced the effectiveness and reliability of the sewer infrastructure.

KEY PRIORITIES

- **Sustainable Countywide solid waste management system**
 - Roadmap to a Sustainable Waste Management Future
 - Implement Strategies and Initiatives in the County's 2014 Roadmap to a Sustainable Waste Management Future to decrease reliance on landfills and achieve zero waste by 2045, with respect to the following three focus areas:
 - County Unincorporated Communities
 - Regional Countywide
 - County Operations
 - Update the 2014 Roadmap to a Sustainable Waste Management Future to address new challenges such as China's National Sword Policy, new organic waste management regulations, and lack of waste and recycling infrastructure.
 - Organic Waste Management
 - SB 1383 established statewide targets to reduce organic waste disposal 50% by the year 2020 and 75% by the year 2025, as well as to recover 20% of edible food that is currently being disposed for human consumption by the year 2025.
 - Quality of Life and Homelessness
 - Continue to support the County's Homelessness Initiative by:
 - Implementing the Food Donation Recovery and Outreach Program (Food DROP) to address the issues of food insecurity and organic waste management;

- Expanding the Dumpster Pilot Program to additional areas of the County which provides trash collection services to people experiencing homelessness and prevents waste from being improperly disposed; and
- Addressing illegal dumping, which impacts roads, streets, and alleys in the County unincorporated areas and decreases the quality of life for residents. Public Works continually conducts education and outreach campaigns to discourage illegal dumping and encourage residents to report items for collection.
- Mass Debris Removal
 - Woolsey Fire Recovery Efforts
 - While the Local Debris Removal Program officially ended June 30, 2020, Public Works continues its enforcement efforts to encourage 100 percent participation and environmental compliance.
 - Ensure maximum cost recovery, including insurance proceeds and reimbursement from FEMA and/or CalOES.
 - Bobcat and Lake Fires Recovery Efforts
 - Public Works and Regional Planning have been designated as co-leads of the Debris Removal and Rebuild Task Force for the County's recovery from the Bobcat and Lake Fires.
- **Reduce County's carbon footprint**
 - Clean Fuel Fleet
 - Incorporate clean fuel vehicles, such as electric and compressed natural gas into the Public Works Fleet.
 - Southern California Edison Charge Ready Program (CRP)
 - Public Works entered into an agreement with Southern California Edison's to participate in their CRP. Through this program, 46 workplace electric vehicle charging stations have been installed at Public Works Headquarters. Access to these 46 charging stations will be limited to employees only.
- **Optimize the wastewater collection and treatment infrastructure**
 - Ensure the wastewater collection and treatment infrastructure is sustainable through risk-based condition assessment of the infrastructure, coordinated maintenance operations, and collaboration with member cities and County departments.
 - Address problematic sewerage in identified communities
 - Ensure the sanitary sewer collection system facilities are properly operated, maintained, and managed to reduce frequency and severity of sanitary sewer overflow events and their potential impacts on public health, safety, and the environment while meeting applicable regulations and laws.
 - The Regional Water Quality Control Board has called for the refurbishment of the Malibu Mesa Wastewater Reclamation Plant by December 2022.
 - The Malibu Mesa Wastewater Reclamation Plant (WRP) was built in 1978. Public Works currently operates and maintains this facility in order to treat domestic wastewater generated by Pepperdine University and the single-family homes within the Malibu Country Estates located in the City of Malibu. The Malibu Mesa WRP has reached the end of its life cycle and no longer conforms with water discharge permit requirements. There is consensus among all stakeholders that the Malibu Mesa WRP requires refurbishment.

KEY PRIORITY STATUS (FOURTH QUARTER: APRIL–JUNE 2021)

Priority: Sustainable Countywide solid waste management system

2014 Roadmap to a Sustainable Waste Management Future

- Public Works is finalizing the updates to the 2014 Roadmap. The revised Roadmap will tentatively be submitted to the Board in fall 2021.
- Continued implementing 2014 Roadmap initiatives focusing on source reduction, reuse, and recycling for:

County Unincorporated Communities (CUC)

Public Works is leading the effort to ensure compliance with SB 1383 regulations, which requires implementing residential and commercial organic waste collection. Details are included below under the Organic Waste Management section.

On May 18, 2020, the Board approved a motion to introduce an ordinance for adoption that would reduce the use of single-use plastics in the unincorporated areas of Los Angeles County. The ordinance includes language requiring restaurants and other food service providers to only provide disposable food service accessories upon the request of the customer and require third-party, app-based delivery platforms to include an option for customers to request food service accessories. The Board also passed a motion on May 4, 2021, to develop a policy for County facilities to eliminate single-use plastics, implement SB 1383, and develop guidelines for County events to be zero waste. Public Works is leading the effort to develop this policy with the assistance of the County Chief Sustainability Office and Public Health.

Public Works recommends implementing Garbage Disposal Districts (GDDs) for Acton, Agua Dulce, and remaining unincorporated areas of the Antelope Valley currently in an open market system. Stakeholder input on this proposed system was sought through meetings with the Fifth Supervisorial District and presentations to Town Councils and other community groups. GDDs ensure all property owners are provided weekly waste collection services and access to other services including bulky item collection, annual cleanup events, and excess trash and green waste collection. GDDs also generate funding to help address rising concerns due to increased illegal dumping in the area and ensure County compliance with new State laws regarding waste reduction and organic waste collection. Public Works is developing a webpage and preparing a newsletter to provide updates on these efforts directly to affected residents. The newsletter will be available by fall 2021.

Public Works is working with waste haulers to schedule annual cleanup events for fall 2021 and to ensure they have safety protocols to protect sanitation workers.

Regional/Countywide

Public Works conducted 40 smart gardening webinars and reached two major milestones this quarter. The April 10, webinar was the 100th webinar since being launched last year as a result of COVID-19; and the May 1 webinar celebrated more than 2,000 webinar attendees. Webinar topics included “Intro to Composting,” “Water-wise Gardening,” “Organic Gardening,” and “Small-space Gardening.” A Spanish webinar was debuted in May and based on its success we are scheduling additional Spanish webinars.

The Countywide HHW/E-Waste collection events have been well attended since they resumed on March 13, 2021, with 15,746 residents attending 20 events.

The Sustainable Waste and Recycling Management (SWARM) subcommittee of the Infrastructure LA Workgroup continues to meet quarterly to discuss legislative updates, the latest developments on SB 1383, and other topics related to waste management infrastructure.

County Operations

Public Works conducted a virtual meeting with County Departmental and Public Works Recycling Coordinators on May 18, 2021, to share recycling/sustainability tips for work and home and the latest updates on organic waste legislation impacting County facilities. On April 19, 2021, an Earth Day flyer along with tips and ideas was emailed

to all Public Works and Departmental Recycling Coordinators. County Departmental Recycling Coordinators were encouraged to share these tips with staff.

Organic Waste Management

Public Works continues efforts to facilitate the development of new organic waste processing infrastructure to support SB 1383 compliance. Efforts include analyzing existing and potential new organic waste infrastructure, collaborating with the Department of Regional Planning to ensure new infrastructure can be sited and developed appropriately in the County, and identifying opportunities for conversion technologies to be used for SB 1383 compliance.

SB 1383 regulations require counties, in coordination with jurisdictions and regional agencies located within the County, to conduct specified planning, implementation, reporting, and outreach activities with regards to organic waste generation, recycling, disposal, and infrastructure capacity. During this period, Public Works collaborated with city representatives within the County on SB 1383 organic waste recycling capacity planning activities. Additionally, Public Works and CalRecycle co-hosted two workshops/trainings on SB 1383 organic waste recycling capacity planning for the cities.

Public Works continues to make every effort to comply with the SB 1383 regulations, which include an array of specific requirements. As part of our compliance efforts, Public Works is preparing an organic waste generator ordinance and exclusive commercial franchise waste hauling contracts with mandatory organics recycling provisions, which will be effective January 1, 2022. Amendments to existing waste collection contracts are also being prepared that will require organics collection by January 1, 2022. All of these new initiatives will require approval by the Board of Supervisors.

Quality of Life and County's Homeless Initiative

Public Works continued to provide outreach to food-generating businesses during this quarter to assist with food donations. This quarter, approximately 13 tons of food were donated through Food DROP partnerships. Food DROP reached out to large commercial edible food generators in CUC to conduct a survey and identify the amount of edible food they could donate. Food DROP also initiated contact with 633 food recovery organizations throughout Los Angeles County to assess their current and expected food recovery capacity.

Public Works initiated a Dumpster Pilot Program in 2019 to provide trash service for people experiencing homelessness who are living in vehicles in the Rancho Dominguez and the Lennox Garbage Disposal District (GDD). Dumpsters are strategically placed and serviced weekly to provide waste collection services. The pilot dumpster program was expanded in October 2020 to include additional dumpsters near homeless encampments within the Belvedere, Firestone, and Walnut Park GDDs and on the West Los Angeles Veterans Affairs campus. Additional dumpsters were added in Belvedere GDD and Studio City in March 2021. Public Works continues to work with partners including Los Angeles Homeless Services Authority to provide outreach on the use of these dumpsters. This program has proven successful in improving the quality of life of those in the encampments and the surrounding communities.

Mass Debris Management

Public Works is preparing an addendum to the Unincorporated Area Mass Debris Management Plan to include an element for the management of disaster debris removal from residential and commercial private property. A project collaboration kick-off meeting was held in January 2021 with representatives from the Fire and Sheriff Departments, Disaster Management Area Coordinators, and Public Works staff. Addendum content is being prepared using knowledge gained from previous disaster recovery projects, including the Woolsey Fire Recovery. Based on the discussion and input received at the January 2021 meeting, we prepared a draft Private Property Debris Removal (PPDR) Addendum. The draft Addendum will be shared with external stakeholders for further review and comment before finalizing.

Woolsey Fire Recovery

Although the Woolsey Fire Consolidated Debris Removal Program ended June 30, 2020, Public Works continues enforcement and abatement efforts by ensuring remaining properties complete the Local Program requirements set forth by the Woolsey Fire Emergency Ordinance.

Public Works continues to lead the effort to ensure maximum cost recovery, including collecting insurance proceeds from properties that participated in the State-sponsored debris removal program and securing reimbursement from FEMA and/or the California Governor's Office of Emergency Services (Cal OES).

Bobcat and Lake Fires Recovery

The Bobcat Fire burned 115,796 acres, and the Lake Fire burned 31,089 acres of public and private property in Los

Angeles County. On October 13, 2020, the Board approved a motion directing OEM to activate the Recovery Section of the County Emergency Operations Center and coordinate with County departments to take all necessary actions to effectuate the recovery phase for the impacted communities. Public Works is the co-lead for the Debris Removal and Rebuild Task Force.

Public Works continues to implement Private Property Debris Removal programs for the removal of fire debris and damaged trees from residential properties in cooperation with Cal OES who began debris removal activities in February 2021. In order to reach as many impacted residents as possible, Public Works and Cal OES conducted virtual community workshops on January 25, and February 10, 2021. In addition, Public Works held a series of enrollment workshops at central locations within the community that adhered to the County Health Officer's COVID-19 protocols.

- Debris removal for the 80 properties that participated in the Government-Sponsored debris removal program is essentially complete.
- We continue to assist property owners participating in the Local Debris Removal Program.
- We are continuing efforts to encourage 100 percent participation and environmental compliance.

For the Bobcat Fire, we are working to ensure maximum cost recovery, including insurance proceeds and reimbursement from FEMA and/or Cal OES.

Priority: Reduce County's carbon footprint

Clean fuel fleet

1. Carbon dioxide emissions were reduced by 239 tons.
2. We continued to seek grant funding and other sources to build new infrastructure and order equipment to support alternative fuel vehicles; however, grant funding has been unavailable, so we are exploring other funding options.

Priority: Optimize the wastewater collection and treatment infrastructure

1. Public Works completed the condition assessment program in the Cities of Palos Verdes Estates, Rancho Palos Verdes, and Lomita. The work has now shifted to other communities within the Palos Verdes Peninsula.
2. Public Works has engaged a consultant to prepare plans for the Malibu Mesa Water Reclamation Plant refurbishment project. Construction is scheduled to start September 2023. A Draft Mitigated Negative Declaration for the project has been circulated for public review. During this reporting period, the Regional Water Quality Control Board has issued a renewed National Pollutant Discharge Elimination System permit for the operation of the plant.
3. The biennial audit of our Sanitary Sewer System Management Plan was completed. This audit was a high-level (systemic) review of the sanitary sewer system capacity, management, operations and maintenance activities performed by Public Works. One key finding was the need for a new maintenance management system (MMS) that tracks maintenance activities at the asset level to support improved management reporting. An award of a contract for a new MMS is expected in October 2021.



Construction Management

"To be the builder of choice in the region."

Martin Luther King, Jr. Medical Campus



Martin Luther King, Jr. Medical Campus

- 🏥 Martin Luther King, Jr. Community Hospital
 - 🏠 Martin Luther King, Jr. Outpatient Center
 - 🏠 LAC+USC Inpatient Psychiatric Services
 - 🏠 DMH Outpatient Services
 - 🏠 Martin Luther King, Jr. Recuperative Care Center
- Mark Ridley-Thomas, Supervisor, Los Angeles County Second District

In 2019–2020

24 new or renovated County buildings completed, valued at nearly \$79 million, within budget

66 infrastructure projects completed, valued at nearly \$105 million

MAJOR PROGRAMS/SERVICES

Capital Projects Programs

Public Works' Construction Management Core Service Area provides program/project management services for the County's Capital Projects Program. This includes the renovation of existing building facilities and the master planning, programming and construction of new building facilities for many County departments including Animal Care and Control, Beaches and Harbors, Fire, Health Services, Mental Health, Parks and Recreation, Child Support Services, District Attorney, Probation, Public Health, Public Libraries, and Sheriff.

Currently, Public Works manages approximately 145 active projects with a total project value of over \$3.2 billion.

Infrastructure Program

Construction Management also manages Public Works' annual Infrastructure Program. It provides internal service to Public Works divisions by providing a complete menu of professional construction management services for a wide variety of contract construction projects, each with unique requirements, schedule constraints, and impacts on the surrounding communities. These services are delivered at the highest level at the most affordable cost by delivering the individual projects in strict accordance with legal, community, and design requirements; providing for the general safety of the public and County staff; and by employing best practices from both the construction and project management industries.

As Public Works continues to become even more innovative and cost-efficient for its internal customers and the public, it will be implementing the optimal model for an outcome based, 21st Century, integrated infrastructure project delivery system that optimizes process, is customer oriented, efficient, effective, and innovative, through the creation of a third Project Management Division. The result will allow the current best practices of both infrastructure and capital project delivery methods to merge, strengthening the overall delivery method

Currently, Public Works manages 50 projects with a value over \$463 million.





The County's Homeless Initiative

The Homeless Initiative is designed to generate a coordinated set of County Strategies to reduce homelessness through an intensive, inclusive planning process in six areas: prevention of homelessness, subsidized housing, increased income, case management and support services, creation of a coordinated system, and an increase in affordable housing.

As part of the Homeless Initiative strategies, the Board awarded design-build contracts for the construction of three Restorative Care Village project sites at LAC+USC Medical Center in Los Angeles, Rancho Los Amigos National Rehabilitation Center in Downey, and Olive View Medical Center in Sylmar. Each site includes a Recuperative Care Center (RCC) and Residential Treatment Programs (RTP) facility. The collective RCCs and RTPs will create 418 beds of transitional housing to assist patients with medical, mental health, and substance dependency conditions. Public Works, working in collaboration with our Health Agency partners, has begun construction at all three campuses to ensure their opening by end of 2021. In addition, renovation of the Martin Luther King, Jr. Behavioral Health Center is underway and upon completion will house 16 RTP beds. Also, in progress is a study to develop Permanent Supportive Housing funding through Senate Bill 1206 (No Place Like Home Act of 2018) on various medical campuses.

Relative to the Los Angeles County Shelter Crisis Declaration, Public Works, in association with the Board of Supervisors and Chief Executive Office, is also embarking on fast tracking projects to create new homeless shelters and safe parking sites throughout the County. Projects completed include the South Hope Street Interim Housing Project that, in association between the County and City, provides 100 new beds, 2 interim housing projects in South Los Angeles that provides 20 recreational vehicles trailers that can house up to 80 residents, and the San Pedro Interim Housing projects that provides 40 new beds. Additional interim projects in progress can provide up to 800 additional new beds and safe parking for up to 100 vehicles and recreational vehicles. Public Works is assessing as many as 20 hotels/motels for purchase to house people experiencing homelessness as part of Project Homekey.

195
total active projects with
a project value of over
\$3.3 billion



KEY ISSUES/CHALLENGES

- **Project Management Excellence**
 - Continually striving for project management excellence is crucial for consistently delivering strong business results which:
 - Produce lower costs and create cost efficiencies
 - Increase process efficiencies
 - Improve customer and stakeholder satisfaction
 - Foster a competitive edge
- **Customer Service**
 - Understanding and meeting customer expectations enables Public Works to provide complete solutions to local needs.
- **Industry Leader**
 - Continuing to set high standards for service delivery and producing superior results will position Public Works as an industry leader.
 - A trusted network of resources for information sharing and problem-solving:
 - Promotes process efficiencies
 - Develops innovative solutions
 - Optimizes resources

KEY PRIORITIES

- **Project Delivery Efficiency**
 - Ensuring the County's infrastructure is delivered using a 21st century integrated regional model that prioritizes process and is customer-oriented, efficient, effective, and innovative. This entails streamlining and enhancing project delivery processes to implement projects within scope, schedule, and budget.
- **Customer Satisfaction**
 - A comprehensive understanding of the unique needs of the people, places, and diverse communities and satisfaction of our customers are crucial in the delivery of successful projects. A measure of satisfaction of our customers will help gauge the success of projects that enhance the lives of our residents.

KEY PRIORITY STATUS (FOURTH: APRIL–JUNE 2021)

Priority: Project Delivery Efficiency

1. Based on Public Works' review of its current project delivery approaches, a Project Controls Group was formed to provide support to infrastructure projects by providing cutting edge project information gathering and tracking.
2. Public Works continues to seek legislative authority to use a Progressive Design-Build project delivery method that will add to its ability to expedite delivery of County projects.

Priority: Customer Satisfaction

As part of Public Works' plan to gauge satisfaction of client department and stakeholders, staff will begin compiling monthly information relative to the number of community outreach events that our Construction Management Branch carries out. We will assess each outreach event and characterize them as "satisfied," "neutral," or "not satisfied."





Development Services

"Creating safe and resilient communities for all."



3,000 Subdivision improvement plans reviewed annually

12,546 building permits valued at \$2.1 billion issued annually



MAJOR PROGRAMS/SERVICES

Public Works' Development Services Core Service Area focuses on the environmental protection, economic vitality and social justice of communities within the unincorporated County and contract cities. As such, the business area provides quality of life programs and services that include land development and permitting services, homeless initiatives, housing development, code enforcement and property rehabilitation programs, and graffiti abatement services throughout the County. Together we lead in creating safe and resilient communities for all.

Community Services

The Community Services Group (CSG) facilitates essential Public Works services for all Los Angeles communities, including 88 cities and 125 Unincorporated Area communities. The mission of the Group is to advocate for the quality of life of all Los Angeles County residents with a focus on environmental protection, economic vitality, and social equity.

To stay informed and aware of the needs and priorities of the diverse communities in the County, CSG team members attend community meetings and maintain strategic relationships with our Board offices, community leaders, and cities. During this quarter, CSG staff attended 40 community and Town Council meetings and 25 Council of Government (COG) and Joint Power of Authority (JPA) meetings. They also coordinated responses to 435 inquiries or requests from Board offices and community leaders. Trends seen this quarter include increased reports of homeless encampments, illegal dumping, and concerns related to wastewater disposal by displaced persons living in vehicles and RVs. Also during this quarter, 149 City Service requests were submitted, with a cost estimate totaling over \$1.4M. The service requests frequently covered subjects including catch basin cleanouts, traffic sign services, and traffic signal timing.

Land Development

Public Works, in partnership with the Department of Regional Planning, provides streamlined land development services on California Environmental Quality Act document reviews, entitlements, permitting, inspection services, and permit approvals for customers. This is made

possible with the online enterprise plan checking system – EPIC-LA. About 3,000 subdivision-related plan reviews are performed and 180 new subdivision maps are recorded each year. In addition, Public Works provides land development and County Surveyor services for 62 cities through contract city services.

Permits and Inspection

Public Works is also responsible for the enforcement of building regulations for public and private buildings and operates at ten regional permit offices providing building permits and inspection services. An average of 12,546 building permits with a valuation of about \$2.1 billion are issued annually and made available online via Public Works' interactive "Building Permit Viewer" website. During the third quarter of Fiscal Year 2020-21, there were 4,146 building permits issued with a valuation of approximately \$739 million. Of those building permits, there were 896 solar permits issued which yields an estimated yearly energy production of 18,034,650 kWh. This amount of solar energy is roughly the equivalent of 2,780 passenger vehicles removed from the road per year. In addition to online permit services, Public Works provides building official services for 14 cities through contract city services.

Public Works also provides permit and inspection services for general construction, transportation, and filming activities within unincorporated County public rights of way and miscellaneous activities affecting Los Angeles County Flood Control District facilities including confined space and underground inspection services for sewer and storm drain facilities. Public Works also provides permit and inspection services for activities in city public rights-of-way for three contract cities and transportation permit issuance for 21 contract cities. Approximately 7,000 encroachment and transportation permits were processed and over 10,700 inspections were performed based upon the data collected from the end of the third quarter.

Homelessness and Housing

Public Works is committed to ensuring safe and sustainable communities for all. This is achieved in many ways, including collaboration on interim housing projects for persons experiencing homelessness (PEH); the inspection and assessment of shelters and interim housing during emergencies and for projects such as Medical Sheltering and Project RoomKey, which are focused on the most vulnerable populations and PEH; providing project management services on transitional,

interim and permanent supportive housing projects for PEH, such as Project HomeKey; and expediting the process for affordable housing and the granting of certificates of occupancy.

In the third quarter of FY 2020-21, there were 1,150 residential building permits finalized which enabled housing occupancy.

Code Enforcement and Property Rehabilitation Program

Public Works performs code enforcement activities related to property maintenance to improve public safety and quality of life in unincorporated communities. The program staff responds to complaints and investigates and resolves public nuisance, unsightly property conditions, or unpermitted construction issues within a community. Based upon data collected at the end of the third quarter of FY 2020-2021, there were 125 code enforcement cases, 180 property rehabilitation cases, and 91 Nuisance Abatement Team (NAT) cases. The NAT cases typically include County regulation violations enforced by the Departments of Regional Planning, Health Services, Fire, and Animal Care & Control and require the assistance of a multiagency Task Force, including the County law enforcement and the District Attorney's Office for enforcement actions.

In addition, Public Works performs code enforcement activities related to public rights-of-way, on a complaint basis, to investigate and resolve unpermitted encroachments. Public Works also investigates illicit/undocumented connections to Flood Control District facilities for resolution and proper documentation.

Graffiti Abatement

Public Works administers the County's Graffiti Abatement Program, which is tasked with the removal of graffiti in the unincorporated areas of the County and Flood Control District channels. The Program also includes an outreach component to encourage communities to report graffiti. By the end of the third quarter, Public Works abated approximately 30,358 graffiti tags throughout the County in an effort to promote safe and sustainable communities.

Office of Oil and Gas

The Office of Oil and Gas (Office) was created to allow the County to be informed about existing oil and gas operations and ensure coordination to promote better public and environmental health. The Office is working

Building and Safety services to

14 Cities

Land Development services to

62 Cities

8 million square feet of graffiti removed per year by Public Works.

with the CEO and Chief Sustainability Office to develop funding options for continuing its efforts and the proper abandonment of idle oil wells within unincorporated areas.

Lake Fire Inspections

The Lake Fire, which started on August 12, 2020 and continued through September 13, 2020, burned 31,089 acres. Public Works evaluators implemented the Safety Assessment Program (SAP) and posted placards on the condition of each structure (Red, Yellow, and Green).

The total number of structures destroyed or damaged in the unincorporated area of Los Angeles County for the Lake Fire are reflected below:

	Residential	Accessory	Total
Destroyed (red-tagged)	18	23	41
Damaged (non-red-tagged)	3	1	4
Total	21	24	45

Bobcat Fire Inspections

The Bobcat Fire, which started on September 6, 2020, and originated near Cogswell Dam and the West Fork Day Use area, was officially contained on November 28, 2020, after it had burned 115,796 acres.

The total number of structures destroyed or damaged in the unincorporated area of Los Angeles County for the Bobcat Fire are reflected below:

	Residential	Accessory	Commercial	Total
Destroyed (red-tagged)	74	123	3	200
Damaged (non-red-tagged)	5	4	0	9
Total	79	127	3	209

Bobcat Fire and Lake Fire Rebuilding One-On-One Appointments

The Bobcat Fire and Lake Fire Rebuilding One-on-One Appointments for property owners who were victims of these wildfires, continue to be offered virtually via the Microsoft Teams app. The One-on-



One Appointments are offered every Tuesday through July 2021, in one-hour time slots, from 9 a.m. to 12 p.m. and may be conveniently scheduled online by property owners. Expert advice and information, specifically tailored for each property, is provided at these sessions by Regional Planning, Fire, Public Health, and Public Works. To date, 43 One-on-One virtual meetings have been held with property owners. Notification letters were sent out to the remaining property owners to encourage them to schedule a One-on-One virtual meeting.

Nuisance Abatement – Woolsey Fire

The Nuisance Abatement Process establishes procedures and logistics to require the removal and disposal of pollutants and hazardous substances as the result of the Woolsey Fire, which was declared a public health hazard by Public Health. This was done in order to eliminate immediate threats to lives, public health, and the safety of the community.

On September 8, 2020, the Board approved an amendment to the existing “Services Contract for On-Call Cleanup, Removal, and Demolition of Substandard Structures” in order to provide fire debris removal services as part of a Code Enforcement/Nuisance Abatement process for three properties that had not cleared the fire debris.

On January 27, 2021, the three property owners were ordered to appear before the Building Rehabilitation Appeals Board (BRAB) for the Commission to hear their

case as to why they have not removed the hazardous debris. The BRAB ordered the property owners to clean up the debris by April 27, 2021. Two property owners obtained the necessary permits and removed the debris, and the remaining one is in the process of obtaining the required approvals and permits to remove the fire debris hazard.

Code Enforcement – Sacred Oaks Ranch

Code enforcement efforts continue on this 52-acre undeveloped parcel, which was used as a permanent residential camp by multiple families, including livestock and cock-fighting activity. The site was found to have approximately 15 to 20 unpermitted structures and unpermitted grading, plumbing, electrical, and sewage on the subject site. The unpermitted structures appeared to be used by several families with children.

An inspection on January 25, 2021, found minimal compliance on site.

The BRAB ruled that all violations must be mitigated by April 27, 2021. The property owner and their representatives have been responsive in cleaning up the site with their own means. On May 24, 2021, at a follow-up inspection, clean-up of debris and removal of a large horse corral were observed. The District Attorney has been advised of the progress on site and Public Works will continue to conduct inspections to verify progress.

Newhall Ranch – Mission Village

- Continuing to hold bi-weekly meetings with FivePoint’s executive team to discuss high level workflow and staffing issues.
- Issued 112 building permits for single-family residences and multi-family buildings.
- Processing 9 additional tract maps to be recorded by the end of 2021.
- Collaborating with Treasurer and Tax Collector and County Counsel to prepare an acquisition agreement to transfer facilities, with a valuation of \$1.24 billion, financed by a community facilities district to the County and Flood Control District.

COVID-19 Response

- The COVID-19 pandemic created unique challenges for the County at large, particularly with the closure of public buildings on March 16, 2020. However, Public Works continues to maintain continuity of operations through online and digital service offerings.
- Public Works continues to offer: online applications (EPIC-LA); plan submittal, review, and approvals; payments; permit issuance; and inspection requests and results.
- Public counter consultations have been replaced with virtual meetings with appointments being done via an online (Acuity) scheduling program. The one-on-one appointments of LA County Connect offered in the Santa Clarita Valley continue to be available, also.
- In order to support economic recovery and the building industry, Public Works developed “Guidelines for Construction During COVID-19,” which are available on Public Works’ web pages and shared with strategic partners and stakeholders.
- In addition to online submittal capability, procedures for plan submittals and pick-up were promptly established to allow customers to pick up/drop off plans and resubmittals at District Offices, following COVID-19 protocols. All new plan submittals are processed online only, however.
- Despite an initial decline in the number of permits issued in the early days of the pandemic, permit applications and permits issued have since stabilized to pre-COVID-19 levels.
- Requests for graffiti removals have remained relatively constant throughout the course of the COVID-19 pandemic.
- The suspension of encampment cleanups and transition of PEH as directed by the CEO, continues in place. Public Works continues to request special circumstances from the CEO Homeless Initiative for encampment cleanups. Public Works has since received authority to proceed with over 126 special encampment cleanups.
- With the County preparing to reopen public buildings and counters, Public Works has taken precautions and established protocols to protect customers and staff by implementing such measures as: plexiglass partitions, pre-scheduled appointments, frequent cleaning of the counter and credit card readers, informational posters, physical distancing markings on the floor, and requiring face coverings while providing or receiving services.
- Public Works continues to help small businesses maintain their operations by providing Temporary Outdoor Dining permits for restaurants and hair salons, barbershops, and personal care establishments, within unincorporated Los Angeles County that are interested in expanding into the County road right-of-way.
- To mitigate delays in completing confined-space underground inspections associated with developer and city driven sewer, storm drain, and water quality projects, Public Works developed guidelines for the submission of remote-controlled video footage for review to facilitate the final inspection approval.
- Public Works developed guidelines to minimize public utilities’ interruptions during the Safer at Home Order. Public Works continues to encourage public utilities to consider mitigation to ensure outage impacts are minimized while people are working from home and students are distance learning. These efforts were recently expanded to ensure planned power outages did not take place during extreme weather conditions.



KEY ISSUES/CHALLENGES

- Expanding local economy and demand for building stock in the housing and business sectors.
- Stakeholder demand for multipurpose use of public infrastructure and the creation of public places/spaces within the community.
- Modernizing the County General Plan to meet the needs and demands of multiple stakeholder groups, communities, and business interests.
- Public demand for transparent local e-Government services to keep pace with those available in the private sector commercial marketplace.
- Community blight and aging housing stock in older neighborhoods.
- Streamlining processes to enable convenient digital access to development services, including permit applications, fee transactions, and virtual inspections. COVID-19 has impacted business operations and the economy, however, emergency plan implementation and availability of online services ensured continuation of essential services while adhering to specific safety guidelines.
- Facilitating and supporting the development of affordable housing as well as shelters and interim and permanent supportive housing for persons experiencing homelessness (PEH); and supporting the provision of safe parking/RV parking for individuals living in vehicles.

KEY PRIORITIES

• Homelessness and Housing

- Streamline the entitlement approval and permitting process.
- Develop strategies to increase transitional shelters, interim and permanent supportive housing, and long-term affordable housing, as well as safe parking/RV parking for persons living in vehicles.
- Provide expedited inspection services of shelters and other public facilities and private properties for persons experiencing homelessness and quarantine or isolation uses, such as required during the COVID-19 pandemic.
- Track metrics related to affordable housing, and transitional and homeless shelters.

• Sustainable Communities

- Develop strategies and policies that address environmental protection, economic vitality, and social justice for the communities we serve.
- Expand knowledge of the latest technologies and developments.
- Provide leadership on expanding broadband and bridging the digital divide in the County.

• Climate Adaptation

- Develop strategies and policies to increase resiliency in existing and proposed buildings and infrastructure in response to climate change.
- Continue to implement and track efficient, low carbon footprint development practices.
- Collaborate with the County Sustainability Office to identify strategies for funding the Just Transition to properly abandon idle/orphan oil wells within unincorporated communities.

• Community Awareness

- Increase outreach to address specific community needs and issues. Engage the community and stakeholders in plans to improve the quality of life in their area.
- Continue with LA County Connect virtual meetings to provide developers and other clients in the Santa Clarita Valley the ability to meet with key staff to resolve project issues and obtain development counselling.
- Continue with “We’re in This Together,” as an ongoing campaign to ensure weekly messaging to all customers of EPIC-LA and Development Services, reminding them of our continuity of operations relative to permitting and inspection services and other helpful online and virtual resources available from Public Works for property owners, contractors, and developers.
- Continue to ensure the recently launched Building & Safety website provides a user-friendly experience, with easy to navigate online access to permit and plan documents, “how to” guides, and basic plan and permit information.

KEY PRIORITY STATUS (FOURTH: APRIL–JUNE 2021)

Priority: Homelessness and Housing

1. Public Works continues to provide expedited services for projects that have an affordable housing component or that in other ways provide affordable housing stock such as Accessory Dwelling Units (ADU) for people experiencing homelessness (PEH).
2. Public Works remains engaged in developing strategies to increase transitional shelters, interim housing and long-term affordable housing, including trailer villages specifically designed for families seeking transitional housing and safe parking/RV parking for persons living in vehicles.
3. Public Works continues to collaborate with Fire and Public Health to provide expedited inspection services of shelters and public properties to be used for shelters or interim housing for PEH.
4. Public Works engineers continue to conduct assessments and inspection of sites as needed for shelters and interim and permanent supportive housing; project management and renovations also continue. Examples include Project HomeKey, which provides approximately 850 rooms at 10 motel/hotel sites; the Hilda L. Solis Care First Village at Vignes, which offers 232-bed multi-story modular units with private bathrooms, dining hall, full-cook kitchen, and offices for wrap-around services for PEH; and the 20-beds dedicated to female transitional aged youth at the former Los Padornos juvenile facility.

Priority: Sustainable Communities

1. Public Works continues working on a more sustainable development model through new or updated ordinances that will require developers to design using new techniques and materials resulting in sustainable developments.
2. Public Works continues to remove 100 percent of reported graffiti within 72 hours in the unincorporated County and Flood Control District channels. This high level of service helped reduce blight in our communities. Approximately 2 million square feet of graffiti is removed each quarter.
3. Public Works continues to remove trash, junk, debris, inoperable vehicles, and overgrowth from private properties through the Property Rehabilitation/Code Enforcement program. The program promotes community safety and community enhancement and helps to protect property values, preserve residential neighborhoods, and enhance the overall quality of life in communities. It also demonstrates the public service commitment of the County.
4. Public Works recognizes that the film production industry is significant to the economic vitality in the region. During the fourth quarter (April – June 2021), 116 Film Permits were issued.
5. Public Works continues to provide leadership on expanding broadband and bridging the digital divide in the County. Specifically, Public Works has taken a lead, working collaboratively with other key County entities such as Regional Planning, Internal Services Department, Workforce Development, Aging and Community Services Department, County Counsel and CIO, to address the digital divide through master planning, streamlined permitting, and seeking public-private partnerships. Primary objectives are to increase accessibility, affordability, and adoption Countywide and particularly in underserved and under-resourced areas.

Priority: Climate Adaptation

1. Public Works continues to update its Development Services webpages to provide relevant, timely information for customers with improved, user-friendly access to plan and permit information, and convenient online scheduling of appointments to discuss construction projects and permitting with County staff.
2. Public Works continues to streamline the permitting and construction of zero-emission vehicle infrastructure.
3. Public Works continues to streamline the permitting and construction of photovoltaic solar systems by plan checking

10kW or smaller systems within 1-3 days.

4. Public Works is continuing to work with the Chief Sustainability Office and other key stakeholders to achieve the goals of the Net Zero Water motion by the Board.

Priority: Community Awareness

1. Public Works continues to update its Development Services webpages to provide relevant, timely information for customers with improved, user-friendly access to plan and permit information, and convenient online scheduling of appointments to discuss construction projects and permitting with County staff.
2. Public Works continues to use virtual meetings for ongoing engagement with the community and stakeholders on quality of life issues and the services provided by Public Works.
3. Virtual One-on-One appointments are made available to property owners in the Bobcat Fire and Lake Fire areas, to provide expert assistance and guidance for recovery and rebuilding. These are offered in collaboration with Regional Planning, Public Health and Fire.
4. Public Works continues to use digital outreach and communications using the “We’re in This Together” campaign to ensure weekly messaging to all EPIC-LA and Development Services customers, reminding them of our continuity of operations relative to permitting and inspection services, and availability of helpful online and virtual resources for property owners, contractors, and developers.

Emergency Management

"Creating safe and resilient communities for all."



50,000 annual calls for service → **24 Hour** Dispatch Center



MAJOR PROGRAMS/SERVICES

Public Works is responsible for a wide variety of critical infrastructure and services which directly support the people and economy of Los Angeles County. We must be prepared to respond to and mitigate disruptions due to any hazards including natural disasters, technology failures, violence, or epidemics. Our mission is to provide regional leadership in emergency management for public works services to sustain resilient and safe communities. Accomplishing this mission requires a great deal of teamwork and communication to ensure a high state of readiness, efficient response, and strong resilience for Public Works and the communities we serve.

Emergency Management

Public Works assists the Chief Executive Office's (CEO) Office of Emergency Management with Countywide emergency planning and preparedness activities, is a member of the County Emergency Management Council, and serves as lead of the Construction and Engineering Branch of the County Emergency Operations Center (CEOC). Public Works also operates and maintains a Department Operations Center (DOC) to manage local emergency response and to support County emergency operations during major emergencies and disasters. The Public Works DOC was activated at its highest level (Level 1) for the COVID-19 pandemic on March 11, 2020 and has remained activated throughout this quarter.

Public Works Dispatch Center

Public Works operates a 24-hours-a-day Dispatch Center and hotline (1-800-675-HELP) and coordinates more than 50,000 service and emergency calls annually, including reports for graffiti, potholes, hazmat spills, water service disruptions, illegal dumping, sewer overflows, damaged signs, and malfunctioning signals. The Dispatch Center also coordinates closely with Public Works field crews, law enforcement, and other safety responders. Road closures for County-maintained roads are posted at: pw.lacounty.gov/rmd/roadclosures and traffic signal incidents are posted at: pw.lacounty.gov/OSD/TrafficSignalIncidents/.

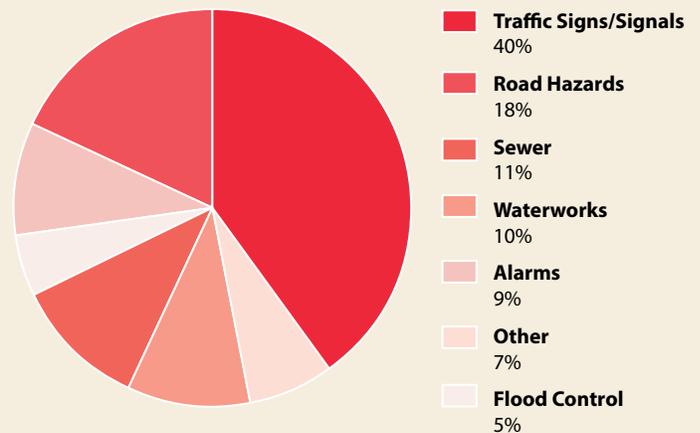


Public Works Department Operations Center (DOC)

PUBLIC WORKS DISPATCH SERVICES



Analysis of Fiscal Year 2019-2020 Dispatch Calls, excluding graffiti reports



24/7
Hours Days
per week

50,000
Calls Per Year

COMMUNICATION SYSTEMS
Telephone / Radio / Electronic

ALARM SYSTEM MONITORING

County Building Evaluation Team (CBET)

In partnership with the CEO and Internal Services Department, a comprehensive emergency response plan has been developed that includes processes on the prioritization and evaluation of County buildings. Training has been conducted to ensure staff are familiar with the CBET Plan.

Continuity of Operations Plan (COOP)

The COOP identifies essential functions and processes that must be continued or rapidly resumed following a disruption. Public Works analyzed over 150 processes and prioritized their value to protect life and safety, property, and the

Financial Works' Response Costs* for Recent Disaster Events:

2016 Sand Fire	\$14.5 M
2017 Jan/Feb Storms	\$38.1 M
2017 Creek Fire	\$1.6 M
2018 Winter Storms	\$2.0 M
2018 Woolsey Fire	\$38.5 M
2020 COVID-19 Pandemic (Ongoing)	\$19.5 M
2020 Wildfires (Lake, Bobcat)	\$16.5 M

** Documented costs for Public Works' response phase activities for declared emergencies only. Recovery and mitigation costs are not included.*

environment. The COOP identifies the resources needed to restore essential processes and ensure that the fundamental responsibilities of Public Works are executed during responses to emergencies or disasters. The Public Works COOP was activated and extensively utilized for the planning and response to the COVID-19 pandemic.

COVID-19 Pandemic

The COVID-19 pandemic has been a unique emergency, and Public Works adopted three primary objectives to face this challenge:

1. Protect the safety and wellness of Public Works employees and constituents.
2. Combat the spread of COVID-19 by implementing the Los Angeles County Health Officer's orders and coordinating with operational area partners.
3. Continue delivering essential infrastructure and municipal services while maintaining Public Works' business continuity in all sectors to support our local economy.

Public Works employees were activated as disaster service workers to support partner agencies with critical tasks. Facility adjustments, training, and protocols were established for a safer workplace. In February 2021, an in-person testing program was launched for employees to receive efficient COVID-19 tests at Public Works Headquarters. This program served over 130 COVID-19 tests before it ended on May 28, 2021, to transition to mail-in COVID-19 testing. Public Works provided staff and equipment to support Public Health's vaccination sites and worked with Public Health and the Department of Human Resources to set up an employee vaccination clinic at Public Works' Headquarters in June 2021.

Overall, Public Works has been adapting well and is continuing to provide essential services throughout the COVID-19 incident. Many lessons have also been learned, for example, Public Works developed the capability to seamlessly reassign employees to alternate work locations, including telework. Public Works has begun an after-action review to identify and address the lessons learned and improvements to be made following this incident. A report will be prepared in collaboration with partner agencies.

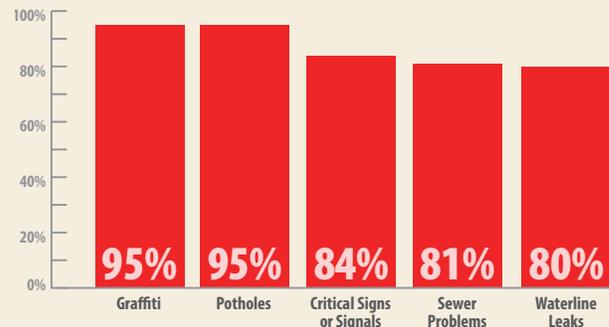
Fire Recovery Efforts

In recent years, wildfires have occurred at an unprecedented scale and frequency. Public Works supports the fire response by assisting with road clearing, water sources, building assessments, and incident command. Following a fire, Public Works coordinates with County, State, and Federal agencies to expedite the removal of hazardous debris to prevent contamination of soil and surface waters. Public Works evaluates and maps debris flow hazards, provides engineering advice to residents, and participates in a unified command to protect communities during storms. Finally, Public Works supports communities through the recovery. This includes emergency projects to restore infrastructure and utilities, improve flood control systems, and streamlined permit processes for the repair and rebuilding of homes and businesses.

During the second quarter of FY 2020-21, Public Works engaged in the recovery phase and storm response for the 2020 Lake and Bobcat Fires, while continuing the recovery process for the 2018 Woolsey Fire and other recent fires. In August 2020, the Lake Fire burned 31,089 acres and destroyed homes in the

Dispatch Services

Completion rate, not adjusted to account for weather conditions within adopted time standard





community of Lake Hughes. In September 2020, the Bobcat Fire burned 115,796 acres across the San Gabriel Mountains and destroyed homes along the north foothills. The Bobcat Fire was declared a major disaster at the local, State, and Federal level. Public Works is coordinating the recovery with partner agencies through task force groups. Community meetings were held and local assistance centers were established immediately after the fires. The Debris Removal and Rebuild Task Force has partnered with the California Office of Emergency Services to establish the Private Property Debris Removal program and assist residents to clean up their properties and begin the rebuild process. The Watershed Hazards Assessment Task Force surveyed burn areas, advised residents, and mapped debris flow hazards. Public Works is implementing emergency reservoir restoration projects to manage the anticipated millions of cubic yards of sediment at dams and debris basins. Public Works is also conducting emergency projects to restore damaged roadways, guardrails, and retaining wall structures.

KEY ISSUES/CHALLENGES

- Increase workforce awareness of operational authority and resources to empower and enable efficient emergency response and recovery enterprise-wide.
- Promote individual and community awareness of available Public Works resources and services for emergency management and collaborate with communities on emergency preparedness.
- Develop and strengthen strategic relationships and collaborative opportunities to support situational awareness, regional preparedness, response efficiency, and recovery efforts.
- Support preparation for emerging social, environmental, health, and technology issues, including the overlap of issues as they present new challenges in emergency management.

KEY PRIORITIES

- **Workforce Awareness**
 - Define and communicate scope of authority and roles and responsibilities.
 - Develop knowledge, skills, and abilities in response and recovery.
- **Community Awareness**
 - Educate and inform communities on all hazards and their specific needs.
 - Ensure response and recovery efforts include the safety and needs of people experiencing homelessness.
- **Strategic Relationships**
 - Strengthen collaborative partnerships with external agencies.
 - Develop and foster the connections with adjacent municipalities.
- **Emerging Issues**
 - Impacts from climate change.
 - Resiliency efforts to mitigate or reduce climate change impacts to under-resourced communities.
 - Research and broaden knowledge base of Public Works workforce and communities we serve.
 - Plan and prepare for potential challenges of emerging threats and hazards.

KEY PRIORITY STATUS (FOURTH: APRIL–JUNE 2021)

Priority: Workforce Awareness

1. Maintained the number of trained and certified engineers, architects, and building inspectors in the Safety Assessment Program (SAP). There are currently about 240 SAP certified personnel at Public Works.
2. Participated in Federal Emergency Management Agency (FEMA) and California Governor's Office of Emergency Services Training.
3. Updated the Department Emergency Plan, which outlines protocols to prepare employees to respond to a variety of incidents and workplace emergencies. During this quarter, divisional emergency response plans were updated to detail the specific issues and procedures for various teams and functions within Public Works.
4. Established procedures and conducted Department Operations Center (DOC) activations with a virtual DOC system using web conferencing to support physical distancing during the COVID 19 pandemic while maintaining full operations. Monthly training sessions were conducted during this quarter.
5. Maintained enterprise-wide Continuity of Operations Plan (COOP) that identified essential functions and processes that must be continued or resumed rapidly after a disruption. Planning efforts continue as further details and interdependencies are analyzed and incorporated into the plan. The COOP has been activated and referenced extensively in response to the COVID-19 pandemic and social distancing measures.
6. Continued with increased internal communications including an emergency alert website, video messages from the Director, and regular use of electronic notification systems.
7. In February 2021 initiated a COVID-19 Testing Program for Public Works employees to efficiently obtain a test at headquarters. The program continued through May 28, 2021. Public Works then transitioned to the LA County Essential Worker at-home test kit program.

Priority: Community Awareness

1. Updated the the interactive web map for the debris flow hazards in post-fire areas with the latest analysis for recent burn areas. The tool has been extremely useful for first responders to plan storm response and potential evacuations, and a public version has allowed residents to personally assess hazards for their location.
2. Public Works did not participate in the typical number of community emergency preparedness events this quarter due to the COVID-19 pandemic. However, Public Works has continued a social media campaign to share emergency information and increase public awareness.
3. Public Works supported food drives to assist communities through challenging times. Public Works has provided traffic controls and staff support, and committed Disaster Service Workers to participate in the distribution events.
4. Conducted community meetings and established local assistance centers for the Lake and Bobcat Fire burn areas to assist residents impacted by the fires. In May 2021 the Private Property Debris Removal Program assisted 79 property owners in completing debris removal on their properties.

Priority: Strategic Relationships

1. Public Works, Fire, and Sheriff's Departments maintained a close coordination for a Unified Command to respond to rainstorm events affecting the Lake, Bobcat, and Woolsey Fire burn areas.
2. Public Works representatives have been engaged with the County Emergency Operations Center (CEOC) during the COVID-19 pandemic. Public Works staff led the Construction and Engineering Branch and provided support to the CEOC GIS team.
3. Public Works launched [Infrastructure LA](#) to provide a platform for public and private infrastructure leaders to develop and deploy strategies for the region including emergency management issues.
4. Continued partnerships with several County departments and other stakeholders to streamline processes pertaining to sewage overflows.
5. On-going participation on the Emergency Management Council (EMC). The EMC Subcommittee meets to discuss emergency management subjects relevant to the Operational Area, including plans, training and exercise opportunities.
6. Continued participation as members of the Los Angeles County Fire Department Urban Search and Rescue (USAR) Team as California Task Force 2. There are currently seven Public Works engineers serving as Structures Specialists on the USAR team. Training and coordination activities continued during this quarter.

Priority: Emerging Issues

1. Public Works continues to attend trainings, workshops, and conferences to broaden the knowledge base and plan for potential challenges of emerging issues.
2. Public Works continues to perform research and identify best practices.
3. Public Works is coordinating with communities and response agencies to improve evacuation planning and communications in the Santa Monica Mountains.
4. Public Works continues to implement new GIS applications and web maps to improve readiness, track status, and interactively assess hazard information. During this quarter, a new interactive map was developed to track hazardous spill incidents, sewer overflows, and permitted discharges to determine potential impacts for water quality and public safety.
5. Public Works DOC activations for the COVID-19 pandemic, recent protest activities, and 2020 elections have reflected emerging issues beyond the traditional scope of Public Works' role. Lessons from these events and improved strategies are being incorporated in the Public Works Emergency Plan for its next revision.
6. Public Works continues to assist partner agencies as Disaster Service Workers (DSW). During this quarter, one public information officer and one GIS analyst assisted at the CEOC. Five Public Works personnel are assisting Public Health as COVID-19 contact tracers, and ten Public works personnel were assigned to the Los Angeles County Drive-Thru Food Giveaway. In addition, Public Works had DSWs working at the COVID-19 vaccine Mega Points of Dispensing (MPODs) as Base Camp Managers, Traffic Control, and Drivers.

Appendix 1

Public Contracting &
Asset Management



AT A GLANCE

Population:

10.3M*

(Los Angeles County)



Unemployment Rate:

4.5%**

(Los Angeles County)

(United States: 3.7%)

over

\$1.32B***

(All Districts)

Contracts Awarded FY 19–20

16,465***

(All Districts)

Jobs created

FY 2019–20

nearly **\$104M**

in products and services procured from vendors and small businesses

(All Districts)

* 2018 Estimate Sources: US Census ACS, CA DoF, IHS, FHFA, BLS

** 2019 Los Angeles County Economic Development Corporation, The 2020 LAEDC Economic Forecast: An Economic Outlook for Southern California

*** This info includes nondistrict specific data for contracts and jobs created

Public Contracting and Asset Management Business Outreach

Public Works' Business Outreach team focuses on supporting the County's community economic development through business-friendly contracting, procurement for products and services, opportunities for design, construction, maintenance, and operations of public infrastructure and capital projects.

Community benefits supported:

- Regional economic growth and workforce development
- Local business opportunities

Key issues to be addressed:

- Regional economic growth and development requiring support for small businesses and social enterprises
- Contracting best practices and risk management
- Need for the construction contracting community to stay current with emerging trends, innovative technologies for modern infrastructure, and new contracting requirements for bidding

Key priorities:

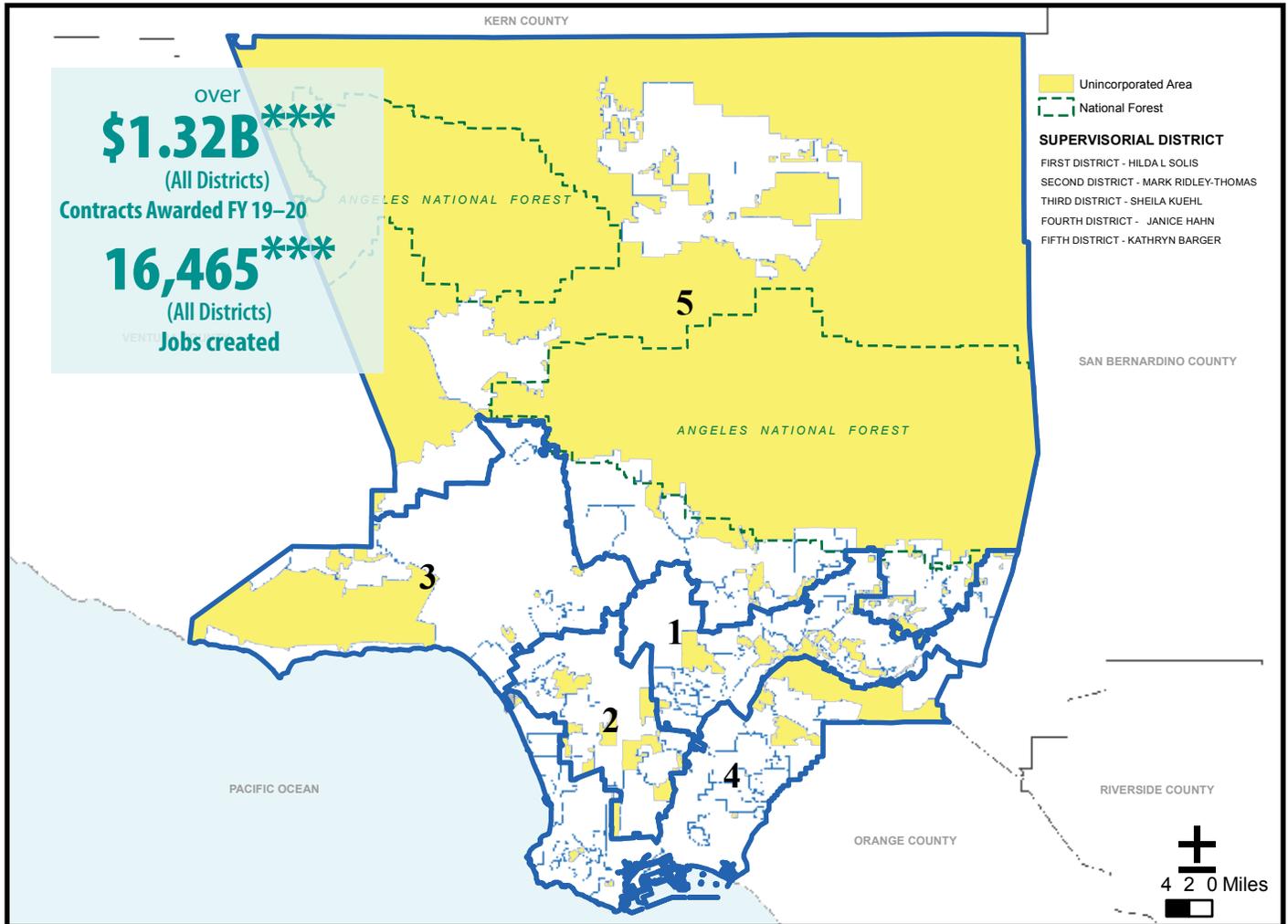
- Advance the Board's objectives of expanding business opportunities for Local Small Business Enterprises, Disabled Veteran Business Enterprises, and Social Enterprises
- Support local workforce and job creation
- Strengthen controls to ensure compliance with contracting laws and regulations

Key efforts:

- Manage a robust business outreach program in collaboration with ISD and DCBA to increase Local Small Business Enterprise utilization
- Administer the Board's Local & Targeted Worker Hire Policy and guidelines for construction and capital projects
- Establish strategic partnerships with professional organizations, industry coalitions, business community, and chambers of commerce
- Fully implemented all 35 Job Order Contract audit requirements
- Administer Best Value and Best Value JOC pilot program



Local Economy



Appendix 2

Administrative Services



AT A GLANCE FY 20–21



11,400

Purchase Orders Processed
Totaling

\$79.1M

6,032 Local Small Business Enterprise
payments for a total of

\$67.7 million

94% of LSBE payments
made within 15 days



Support Workforce of

4,000

VIRTUAL AND SOCIAL DISTANCED EMPLOYEE ENGAGEMENT

- Weekly audio/video Director's Messages Service
- Awards Ceremony
- New Employee and Manager Orientations
- Charitable Giving Kickoffs
- Director's Forum
- Engineer Assistants Forum
- Public Service Awards Ceremony
- Field Visits / Safety Awards
- Public Servant of the Month Visits
- Blood Drive / Flu Shot Clinic
- Vote Center
- Toy Drive / Multicultural Fair
- Sexual Assault Denim Day / Wellness Announcements



\$215.5K

invested in
employee training
and development

Administrative Services

Administrative Services provides support to Public Works operations and services to Los Angeles County businesses and residents including financial management; human resources; information technology; community and government relations, and workforce support to all Core Service Areas within Public Works. Services include fiscal oversight, budget/fund management, internal audit, recruitment, classification, personnel and payroll operations, employee relations, performance management, benefits and return to work, procurement and warehousing, employee training and professional development, compliance oversight for legally mandated programs, employee programs, grants, awards, legislation, strategic communications, and community engagement.

Community benefits supported:

- Continued community meetings virtually. Enhanced social media presence resulted in increased engagement. Conducted a telephone townhall to engage community and address the digital divide.

Key issues to be addressed:

- Safely repopulating facilities in a time of social distancing.

Key priorities:

- Create a culture of outstanding public service by investing in employees, building in-house expertise, strengthening leadership development, creating permanent jobs, investing in tools, training, and technology, and enhancing the work environment.
 - Prepare for the current and future labor market demands by attracting, hiring, and retaining a highly-skilled workforce.
 - Shared responsibility with County departments to increase the number of families earning a living wage in LA County by providing job opportunities to disadvantaged job seekers, including former foster youth, veterans, homeless persons, reentry youth and adults, and dislocated workers.
- Enhanced Community Relations to ensure an equitable and inclusive government.
- Modernize and optimize technology to create an agile and productive work environment.

Key efforts:

- Provided flexible business practices to implement social distancing and telework due to COVID-19 pandemic. Implemented technology and tools to provide teleworking capabilities for nearly 75% of the workforce. Conducted all employee and community meetings virtually. Increased communication with employees to enhance transparency in line with Public Works' vision, mission, and values.

Appendix 3

Services Provided to Cities

VIA Agreement

Los Angeles County Public Works Services Provided To Cities (Via Agreement)

SD1

	Bridge Inspection and/or Maintenance	Building & Safety	Storm Drain Catch Basin Clean Out	Storm Drain Catch Basin Insert Maintenance (County Flood Control Catch Basins)	City Pump Station	Street Maintenance	Industrial Waste	Permit Issuance & Inspection (Excluding Transportation)	Permit Issuance & Inspection (Transportation)	Consolidated Sewer Maintenance District	Safe, Clean Water Program	Sewer Maintenance Contract	Street Lighting Maintenance District	Subdivision Maps: Final	Subdivision Maps: Tentative	Traffic Advisor	Traffic Operations Services	Traffic Signal Maintenance	Traffic Signal Maintenance – Shared Intersections	Traffic Monitoring	Underground Storage Tanks	Infrastructure Design Construction
Azusa	■										■								■		■	■
Baldwin Park	■		■							■	■								■		■	■
Bell	■										■		■								■	■
Bell Gardens	■						■			■	■		■	■							■	■
Claremont	■										■										■	■
Commerce	■					■	■		■	■	■			■	■	■	■		■		■	■
Cudahy	■		■				■			■	■			■							■	■
El Monte	■								■		■										■	■
Huntington Park	■										■			■					■		■	■
Industry	■	■	■	■	■	■			■	■	■		■			■	■	■			■	■
Irwindale	■	■	■				■				■	■							■		■	■
La Puente	■					■	■				■						■		■		■	■
Los Angeles											■								■			■
Maywood	■										■										■	■
Montebello	■										■			■			■		■		■	■
Monterey Park	■		■				■				■		■						■		■	■
Pico Rivera	■						■		■	■	■			■					■	■	■	■
Pomona	■										■										■	■
Rosemead	■		■	■	■		■			■	■								■		■	■
South El Monte										■	■		■								■	■
South Gate	■								■		■			■					■		■	■
Vernon	■										■			■								■
Walnut	■		■			■	■		■	■	■		■				■	■			■	■
West Covina	■								■		■			■					■		■	■
TOTAL	22	2	7	2	2	4	9	0	7	9	24	1	6	8	1	1	5	2	13	1	22	24

Los Angeles County Public Works Services Provided To Cities (Via Agreement)

SD2

	Bridge Inspection and/or Maintenance	Building & Safety	Storm Drain Catch Basin Clean Out	Storm Drain Catch Basin Insert Maintenance (County Flood Control Catch Basins)	City Pump Station	Street Maintenance	Industrial Waste	Permit Issuance & Inspection (Excluding Transportation)	Permit Issuance & Inspection (Transportation)	Consolidated Sewer Maintenance District	Safe, Clean Water Program	Sewer Maintenance Contract	Street Lighting Maintenance District	Subdivision Maps: Final	Subdivision Maps: Tentative	Traffic Advisor	Traffic Operations Services	Traffic Signal Maintenance	Traffic Signal Maintenance – Shared Intersections	Traffic Monitoring	Underground Storage Tanks	Infrastructure Design Construction
Carson	■	■					■		■	■	■	■	■	■	■		■	■		■	■	■
Compton	■										■						■		■		■	■
Culver City	■						■				■			■							■	■
Gardena	■		■				■				■			■		■		■			■	■
Hawthorne	■										■			■				■			■	■
Inglewood											■								■		■	■
Lawndale		■					■	■		■	■	■	■				■	■			■	■
Los Angeles											■								■			■
Lynwood	■								■		■			■					■		■	■
TOTAL	6	2	1	0	0	0	4	1	2	2	9	0	2	6	1	1	3	3	5	1	8	9

Los Angeles County Public Works Services Provided To Cities (Via Agreement)

SD3

	Bridge Inspection and/or Maintenance	Building & Safety	Storm Drain Catch Basin Clean Out	Storm Drain Catch Basin Insert Maintenance (County Flood Control Catch Basins)	City Pump Station	Street Maintenance	Industrial Waste	Permit Issuance & Inspection (Excluding Transportation)	Permit Issuance & Inspection (Transportation)	Safe, Clean Water Program	Consolidated Sewer Maintenance District	Sewer Maintenance Contract	Street Lighting Maintenance District	Subdivision Maps: Final	Subdivision Maps: Tentative	Traffic Advisor	Traffic Operations Services	Traffic Signal Maintenance	Traffic Signal Maintenance – Shared Intersections	Traffic Signal System Monitoring	Underground Storage Tanks	Infrastructure Design Construction
Agoura Hills	■		■				■			■	■		■				■	■			■	■
Beverly Hills							■			■									■		■	■
Calabasas	■		■				■			■	■		■						■		■	■
Hidden Hills			■							■	■						■		■		■	■
Los Angeles										■									■			■
Malibu	■									■	■		■								■	■
San Fernando	■						■			■												■
Santa Monica	■									■				■								■
West Hollywood			■				■			■		■		■							■	■
Westlake Village	■	■	■	■			■			■	■						■	■			■	■
TOTAL	6	1	5	1	0	0	6	0	0	10	5	1	3	2	0	0	3	3	4	0	7	10

Los Angeles County Public Works Services Provided To Cities (Via Agreement)

SD4

	Bridge Inspection and/or Maintenance	Building & Safety	Storm Drain Catch Basin Clean Out	Storm Drain Catch Basin Insert Maintenance (County Flood Control Catch Basins)	Street Maintenance	Industrial Waste	Permit Issuance & Inspection (Excluding Transportation)	Permit Issuance & Inspection (Transportation)	Consolidated Sewer Maintenance District	Safe, Clean Water Program	Sewer Maintenance Contract	Street Lighting Maintenance District	Subdivision Maps: Final	Subdivision Maps: Tentative	Traffic Advisor	Traffic Operations Services	Traffic Signal Maintenance	Traffic Signal Maintenance – Shared Intersections	Traffic Monitoring	Underground Storage Tanks	Infrastructure Design Construction
Artesia		■				■			■	■			■							■	■
Avalon																				■	■
Bellflower	■					■			■	■										■	■
Cerritos	■	■				■	■			■								■		■	■
Diamond Bar	■		■			■			■	■		■								■	■
Downey	■									■										■	■
El Segundo	■						■			■			■				■				■
Hawaiian Gardens	■		■			■			■	■								■		■	■
Hermosa Beach										■			■					■		■	■
La Habra Heights	■		■						■	■										■	■
Lakewood	■	■				■	■	■	■	■			■	■	■	■	■			■	■
La Mirada	■	■	■			■	■	■	■	■		■	■	■	■	■	■			■	■
Lomita		■				■		■	■	■		■	■	■	■				■	■	■
Long Beach	■						■			■								■			■
Los Angeles										■								■			■
Manhattan Beach										■			■				■		■	■	■
Norwalk	■					■				■										■	■
Palos Verdes Estates	■								■	■			■							■	■
Paramount	■					■	■	■	■	■		■								■	■
Rancho Palos Verdes						■			■	■										■	■
Redondo Beach	■		■							■			■				■			■	■
Rolling Hills		■							■	■			■	■						■	■
Rolling Hills Estates	■	■	■	■	■	■			■	■		■	■		■					■	■
Santa Fe Springs	■	■					■		■	■			■					■			■
Signal Hill							■			■		■								■	■
Torrance	■									■			■					■			■
Whittier	■									■		■						■		■	■
TOTAL	18	8	6	1	1	12	3	9	14	27	0	6	14	4	3	3	5	8	2	22	27

Los Angeles County Public Works Services Provided To Cities (Via Agreement)

SD5

	Bridge Inspection and/or Maintenance	Building and Safety	Storm Drain Catch Basin Clean Out	Storm Drain Catch Basin Insert Maintenance (County Flood Control Catch Basins)	Street Maintenance	Industrial Waste	Permit Issuance & Inspection (Excluding Transportation)	Permit Issuance & Inspection (Transportation)	Consolidated Sewer Maintenance District	Safe, Clean Water Program	Sewer Maintenance Contract	Street Lighting Maintenance District	Subdivision Maps: Final	Subdivision Maps: Tentative	Traffic Advisor	Traffic Operations Services	Traffic Signal Maintenance	Traffic Signal Maintenance-- Shared Intersections	Traffic Monitoring	Underground Storage Tanks	Infrastructure Design Construction	
Alhambra	■								■											■	■	
Arcadia	■		■						■			■						■			■	■
Bradbury	■		■	■					■	■						■					■	■
Burbank	■									■			■									■
Covina	■		■							■			■			■		■	■	■	■	■
Duarte			■	■		■			■	■						■				■	■	■
Glendale	■		■							■			■					■				■
Glendora	■								■	■			■					■			■	■
La Cañada Flintridge	■	■	■	■	■	■			■	■		■				■	■				■	■
Lancaster	■							■								■					■	■
La Verne	■					■				■											■	■
Los Angeles										■								■				■
Monrovia	■		■							■								■	■	■	■	■
Palmdale	■							■								■					■	■
Pasadena	■		■							■			■					■				■
San Dimas	■		■			■		■	■	■			■					■		■	■	■
San Gabriel	■		■							■			■					■	■	■	■	■
San Marino	■		■							■			■					■			■	■
Santa Clarita	■					■			■	■							■				■	■
Sierra Madre	■									■			■								■	■
South Pasadena	■		■	■						■			■								■	■
Temple City	■		■		■	■			■	■							■				■	■
TOTAL	20	1	13	4	2	6	0	3	7	22	0	1	11	0	0	6	3	10	4	18	22	

Appendix 4

Public Works' Priority Legislation

Public Works' Priority Legislation

2021 Legislative Session

Bill and Author	Issue Area	Status	County Position
<i>Environmental Services</i>			
AB 246 (Quirk, D-Hayward)	Contractors: Disciplinary Actions - Illegal Dumping	SEN - Business, Professions & Econ Development Comm.	Pending
AB 322 (Salas, -D-Bakersfield)	Electric Program Investment Charge Program: Biomass	SEN - Pending Referral to Comm.	No Position
AB 332 (Env. Safety & Toxic Materials Comm.)	Hazardous Waste: Treated Wood Waste: Management Standards	SEN - Pending Referral to Comm.	Support
AB 659 (Mathis, R-Visalia)	Illegal Dumping	ASM Public Safety Comm.	No Position
AB 818 (Bloom, D-Santa Monica)	Solid Waste: Pre-moistened Nonwoven Disposable Wipes	SEN - Environmental Quality Comm.	Support
AB 818 (L. Gonzalez, D-San Diego)	Plastic Waste: Diversion: Recycling: Export	SEN -Pending Referral to Comm.	Support
SB 289 (Newman, D-Fullerton)	Recycling: Batteries and Battery-Embedded Products	SEN - Appropriations Comm. - Held	Support
SB 343 (Allen, D-Santa Monica)	Environmental Advertising: Recycling Symbol	SEN Floor - 3rd Reading	Support
<i>Water Resources</i>			
AB 377 (R. Rivas, D-Hollister)	Water Quality: Impaired Waters	ASM - 2-Year Bill	Oppose
AB 1066 (Bloom, D-Santa Monica)	Freshwater Recreation Sites: Water Quality Monitoring	ASM Floor - 3rd Reading	Pending
AB 1195 (C. Garcia, D-Bell Gardens)	Drinking Water	SEN - Pending Referral to Comm.	No Position
AB 1500 (E. Garcia, D-Coachella)	Safe Drinking Water, Wildfire Prevention, Drought Preperation, Flood Protection, Extreme Heat Mitigation, and Workforce Development Bond Act of 2022	ASM Rules Comm.	Pending
SB 222 (Dodd, D-Napa)	Water Rate Assistance Program	SEN Floor - 3rd Reading	Pending
SB 223 (Dodd, D-Napa)	Discontinuation of Residential Water Service	SEN Appropriations Comm. - Held	No Position

Bill and Author	Issue Area	Status	County Position
HR 1915 (DeFazio, D-OR)	Water Quality Protection & Job Creation Act of 2021	House Transportation and Infrastructure Comm.	Support
S 1459 (Padilla, D-CA)	The PUBLIC Lands Act	Senate Energy & Natural Resources Comm.	Pending
Construction Management			
AB 712 (Calderon, D-Whittier)	Local Agency Public Construction Act: Change Orders	SEN - Pending Referral to Comm.	County-Sponsored
Development Services & Emergency Management			
AB 970 (McCarthy, D-Sacramento)	Electric Vehicle Charging Stations: Permit Application: Approval	ASM Floor - 3rd Reading	Pending
SB 617 (Wiener, D-San Francisco)	Residential Solar Energy System: Permitting	SEN Appropriations Comm. - Held	No Position
Transportation			
AB 1238 (Ting, D-San Francisco)	Pedestrian Access	ASM Floor - 3rd Reading	Pending
PW At-Large			
AB 537 (Quirk, D-Hayward)	Communications: Wireless Telecommunications and Broadband Facilities	ASM Floor - 3rd Reading	Oppose
SB 556 (Dodd, D-Napa)	Street Light Poles, Traffic Signal Poles: Small Wireless Facilities Attachments	ASM - Local Government Comm.	Oppose



Public Works

LOS ANGELES COUNTY

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