

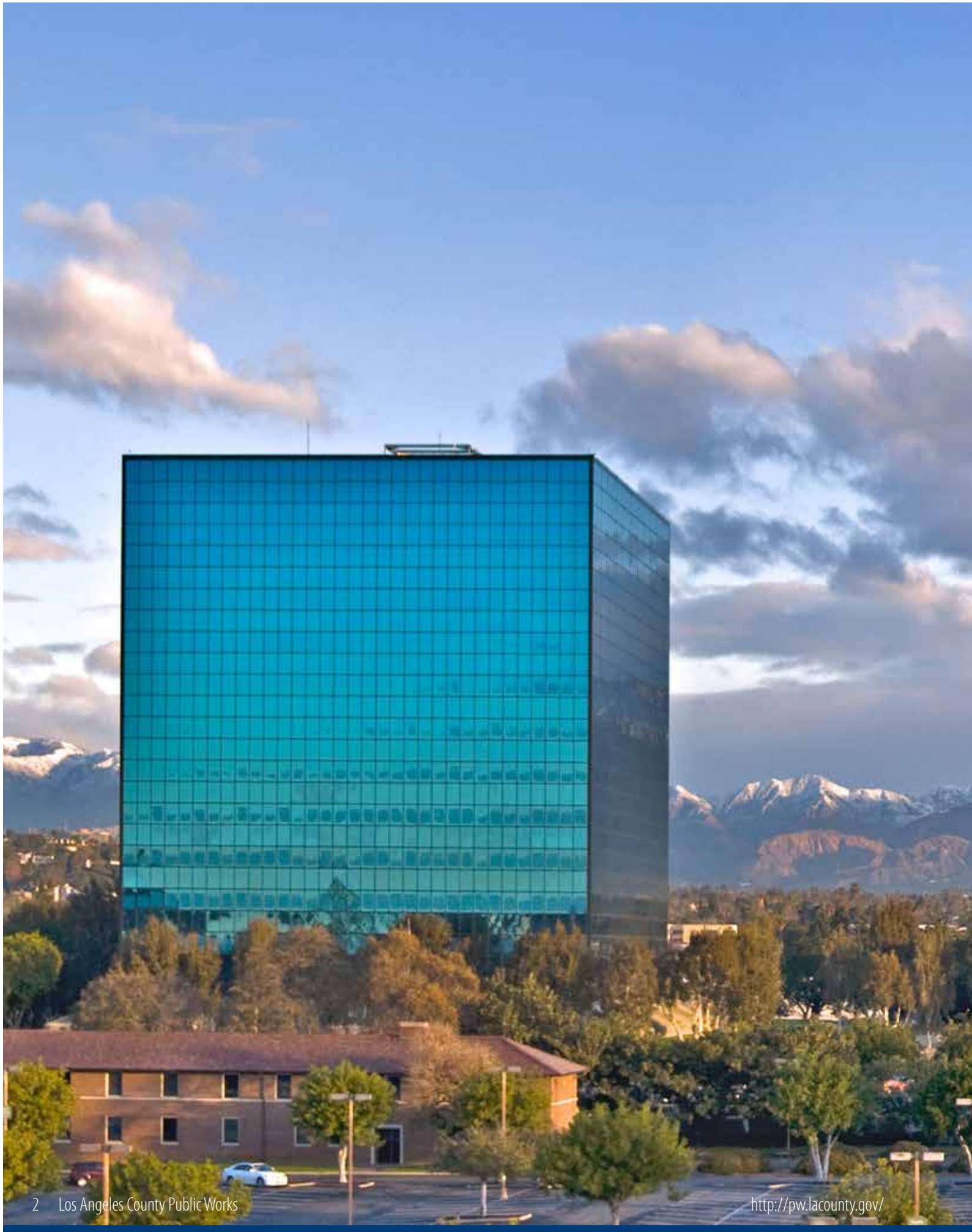


**PW**  
*Public Works*  
LOS ANGELES COUNTY



QUARTERLY BUSINESS  
REPORT  
Q2/2021-2022





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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 2020-21, Public Works awarded nearly \$1 billion worth of contracts within Los Angeles County, which helped create 12,394 jobs. (See **“Appendix 1” for more details on Public Contracting and Asset Management**).

Public Works' workforce is comprised of approximately 4,000 employees in nearly 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.

# Public Works Executive Team



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**Dave MacGregor**  
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**Dan Lafferty**  
**Deputy Director**  
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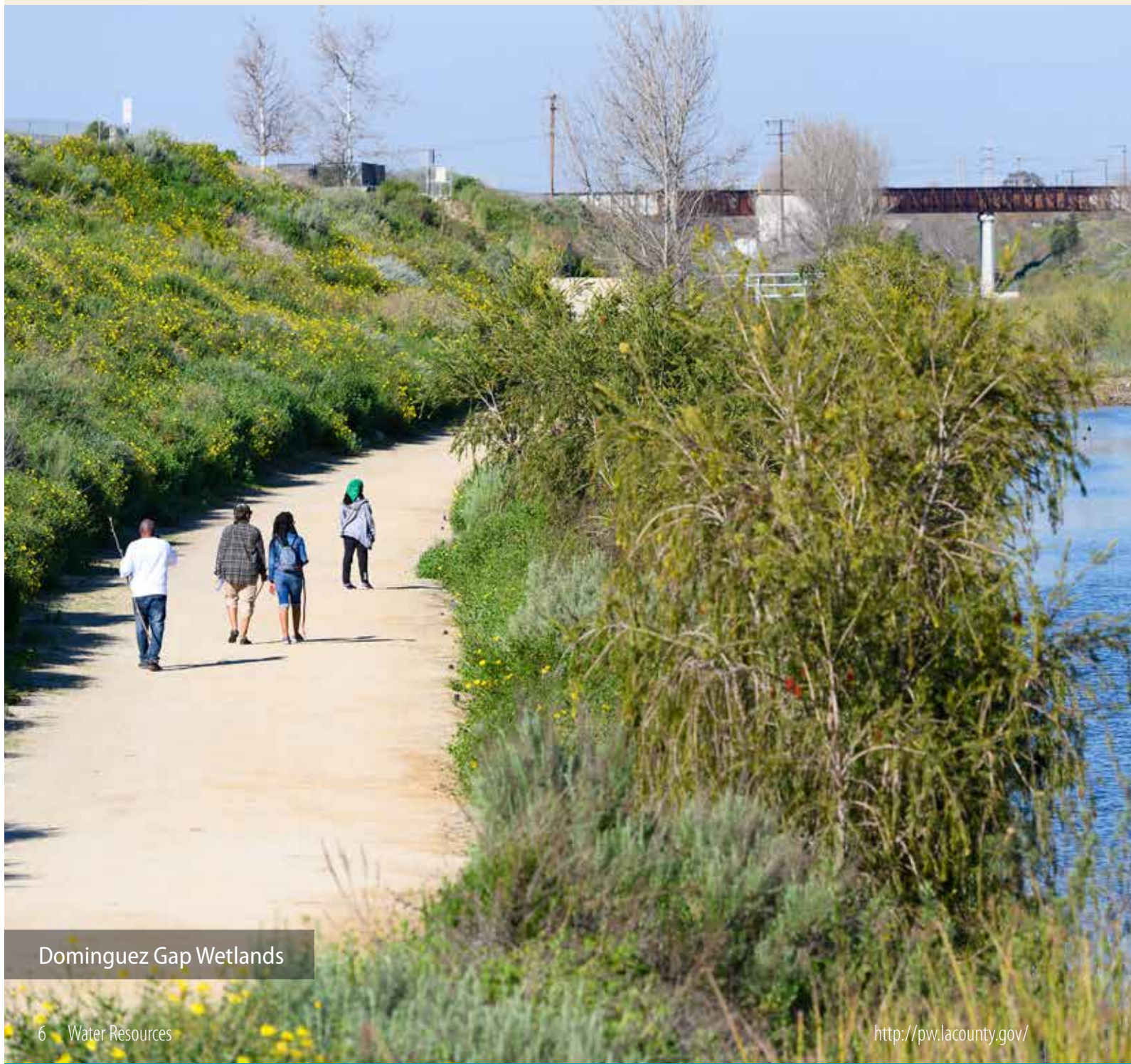
**Alma D. Martinez**  
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# Water Resources

*“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



## 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 250,000 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 tanks, and 145 pump stations and includes the following five District

# 250,000

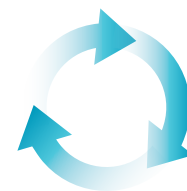
residents have access to new recreation opportunities at Flood Control District facilities within one mile of their homes

### 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.



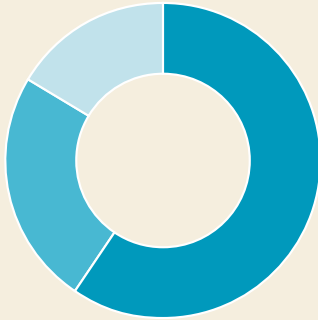
Public Works recharges enough groundwater from various sources annually to serve **3.48 million residents**



# 250,000

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

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.
- Education and outreach programs, including classes on such topics as firescaping and information on ongoing projects.
- Water Surveys
- 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

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

areas) and to the Los Angeles County Flood Control District (jurisdictional areas).

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 (SECOND: OCTOBER–DECEMBER 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 efforts are ongoing, which include a series of workshops at regional Integrated Regional Water Management (IRWM) meetings and collaborative workgroup meetings with water agency representatives. Draft targets and strategies are being developed in conjunction with initial stakeholder feedback received. Release of the draft CWP for public comment is anticipated by mid-2022.
  - 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. The study is approximately 60 percent complete. UCLA evaluated almost 50 global climate models to determine which ones most closely replicate regional weather patterns. A few models with high suitability have been selected for downscaling extreme precipitation projections to the regional level. Performed and evaluated downscaling on a sample of days for the mid-century and end-of-century extreme precipitation projections.
  - Awaiting City of Los Angeles Department of Water and Power's acquisition of State permits and completion of connecting infrastructure to implement the December 2020 agreement with the City to recharge up to 3,500 acre-feet of recycled water annually at Hansen Spreading Grounds.
  - Developing the Antelope Valley Regional Water Supply Resiliency Project; target to develop a project to improve water resilience in the Antelope Valley by increasing the region's ability to recover and distribute stored water supplies in drought years and emergencies.
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. Following a brief delay due to COVID-19, the second phase of this outreach campaign, targeting the entire County, was implemented in spring 2021. In addition, online education efforts have continued through the Water for LA website ([www.WaterforLA.com/water/quality](http://www.WaterforLA.com/water/quality)) and social media.
  - In an effort to engage and educate local communities on stormwater projects, Public Works participated in community events such as the Alondra Park Trick or Treat Event, Bethune Park Sports Day, Adventure Park Trick or Treat Event and the East Los Angeles Farmer's Market. Local residents were able to learn and understand the benefits of stormwater projects being developed and recently constructed in their community and region.
  - Developing a Customer Outreach and Engagement Plan for Waterworks Districts' customers. Waterworks Districts' customer outreach efforts have historically been focused around the invoicing/bill payment process. Over time, customers have demonstrated an increasing expectation to be included in their water system's management and decision-making processes. Additionally, as costs rise, there is a need to demonstrate to customers that increased investment in their water system (i.e., rate increases) is an appropriate action. In order to meet these expectations and to demonstrate the value of the service it provides; Waterworks will increase its communication and engagement with its customers.
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:
  - The Board of Supervisors approved the Fiscal Year 2021-2022 (Year 2) Stormwater Investment Plans (SIPs).
  - The Regional Program Call for Projects FY 2022-23 (Year 3) closed on July 31st, 2021. Governance committee meetings are ongoing to develop final Year 3 SIPs.
  - Released and continued development/refinement of various new tools, including the SCW Program Stormwater

Investment Planning Tool, project module, reporting module, benefits map, dashboard, and the strategic communications plan, which will include a website refresh.

- Ongoing facilitation and execution of the Municipal Program and FY 20-21 (year 1) and FY 21-22 (year 2) Regional Program fund Transfer Agreements and addendums. To date, 81 cities have received their Municipal Program funds and 41 project applicants/developers received their Year 1 Regional Program Funds.
- The SCW Program onboarded 12 Watershed Coordinators across the 9 Watershed Areas and approved Strategic Outreach and Engagement Plans.
- The Municipal Program Annual Reports are due by December 31, 2021 through the new online Municipal Reporting Module. Two information sessions on the module were held on Monday, November 15th, 2021 and Thursday, November 18th, 2021.
- Regional Program Reporting for funding recipients, which began on May 15, 2021, is fully underway. Year 1 Regional Program applicants/developers submitted their Q1 2021 quarterly report on November 15, 2021.

The 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 submitted the second annual plan (FY 22-23) in June 2021 and will reconvene in early 2022 to develop the 3rd Annual Report.

### **Priority: Optimize Infrastructure**

1. Sediment removal at the Devil's Gate Reservoir Restoration Project is completed, with final grading occurring. The project, originally expected to occur over a 4-year period, removed approximately 1.7 million cubic yards of sediment over the span of less than 3 years. At completion of grading, the reservoir will have 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 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

Construction officially finished in September 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. Construction of the Santa Anita Dam Emergency Access Road Stabilization Project started in June 2021 and the first phase was completed in October 2021, which provides limited pedestrian and vehicular access to Santa Anita Dam. The remainder of the project's construction is anticipated to be completed by July 2022 and will restore unrestricted access to Santa Anita Dam.
3. Public Works completed 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 also completed 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. The updated FMP and RLAA enabled Public Works to achieve an upgrade to its National Flood Insurance Program Community Rating System rating to a Class 6. Starting in April 2022, unincorporated area residents will get an additional 5 percent discount (for a total of 20 percent) on their flood insurance premiums.

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 98 percent complete.
  - Seawater barriers are 95 percent complete. The assessment began in March 2021 and is anticipated to be completed in March 2022.
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 February 2022.
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 began 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 began in April 2021. The \$92.2 million San Gabriel Reservoir Project began in June 2021. Over 272,000 cubic yards of sediment were removed from Cogswell Reservoir, and over 80,000 cubic yards from San Gabriel Reservoir. Sediment removal is anticipated to resume in April 2022.
8. Public Works responded to the residents affected by the 2020 Lake Fire, which burned over 31,000 acres. Debris flow mapping to identify properties at risk during different levels of storm events, evacuation lists for first responders, and engineering advice to owners of 26 homes were performed in FY 20-21. Public Works will continue to issue Mudflow Forecasts for this storm season.
9. In April 2020, construction of the Big Dalton Dam Sluiceway Rehabilitation Project was initiated. The project is part of the Flood Control District's ongoing program to maintain dam outlet works, and includes the rehabilitation and upgrade of the dam's corroded 36-inch diameter sluiceway to be capable of regulating flows under high reservoir pressure. Improvements will also be made to the dam's electrical, telecommunication, mechanical, waterline, and control systems. Construction of the project is expected to be completed by February 2022.
10. The Sierra Madre Dam Slope Protection and Basin Access Road Improvement Project started construction in October 2020. The project improves flood and sediment management at the facility through reconstruction of access roads and construction of a new viaduct structure and rockfall barriers for safe, reliable access to the basin. The project was completed in December 2021.

### **Priority: Enhance Communities and the Environment**

1. 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 in early 2022.

2. In late 2019, the LACFCO 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 has secured permits from the Coastal Commission, the US Army Corps of Engineers, and the Regional Board. Securing an assembly/staging area and interim storage for the Interceptor is being coordinated with the Los Angeles County Department of Beaches & Harbors and TOC. Public Works hosted an Engineering Information Session to the community in September 2021 to discuss next steps. TOC is planning to deliver the interceptor in July 2022 and deployment is anticipated by October 2022. Public Works is currently conducting additional research into the feasibility of potential deployment areas upstream of the residential area near the mouth of Ballona Creek. Deployment of the Interceptor may be delayed by approximately two years if the proposed location is changed.
3. Public Works completed or is nearing completion of four regional stormwater capture projects:
  - Carson Stormwater and Urban Runoff Capture at Carriage Crest Park Project - completed December 2021.
  - Ladera Park Stormwater Improvements Project - to be completed January 2022.
  - Gates Canyon Park Stormwater Improvements Project - to be completed February 2022.
  - East Los Angeles Sustainable Median Stormwater Capture Project - 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.

4. A new MS4 Permit was approved on July 23, 2021 by the Los Angeles Water Quality Regional Board and went into effect on September 11, 2021. The new MS4 Permit includes preservation of the 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.
5. On October 4, 2021, Public Works was first notified of a noxious odor in the vicinity of the Dominguez Channel Estuary (DCE) in the City of Carson. In the subsequent days, Public Works engaged with the Los Angeles County Department of Public Health, Fire Department, and the South Coast Air Quality Management District to investigate the source of the odor; identify potential solutions; evaluate and monitor air quality levels; and assess ways to mitigate health impacts. The incident evolved into a regional issue with additional residents reporting odor from surrounding areas, including portions of Gardena, Long beach, Redondo Beach, Torrance, and Wilmington. Public Works took the following actions to remedy the unprecedented and challenging emergency:
  - Established a relief program to provide temporary aid to the residents impacted by the incident, such as reimbursements and direct assistance for air filters, air purifiers, and temporary relocation to hotels.
  - Coordinated with the Southern California Coastal Water Research Project (SCCWRP) to conduct initial assessment of the DCE. It was determined that the DCE was in anerobic condition, resulting in the production of hydrogen sulfide (H<sub>2</sub>S) gas.
  - Implemented a water quality monitoring program to assess the physical and chemical state of the DCE during the incident.
  - Formed the Dominguez Channel Technical Committee, comprised of regulatory agencies and technical experts to discuss and technically vet potential solutions.
  - Implemented environmentally safe, science-based, quick-action solutions, including the application of a biodegradable odor neutralizer (BON) to intercept H<sub>2</sub>S gas from the surface of the DCE and the deployment of nanobubblers to inject oxygen into the DCE. These solutions restored the DCE to an aerobic condition, and halted the production of H<sub>2</sub>S gas.
  - Coordinated with regulatory agencies and key stakeholders for compliance with regulatory requirements, including permits.

The nuisance conditions in the DCE have been abated and have remained stable since early November. Most, if not all the residents that were temporarily relocated during the incident have returned to their homes. Public Works will continue to process all reimbursement claims that were received through December 31, 2021. Public Works has estimated the total cost to remediate this incident is approximately \$70 million.



# 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 operates, maintains, and develops the five County-owned general aviation airports:

- San Gabriel Valley Airport in El Monte (SD1)
- Compton/Woodley Airport in Compton (SD2)
- Whiteman Airport in Pacoima (SD3)
- Brackett Field Airport in 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 Local Return funds)
  - 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 (SECOND: OCTOBER–DECEMBER 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. To date, approximately 11,250 streetlights have been 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 included the installation of the permanent bridge and removal of the temporary bridge, is complete. The permanent bridge is in place and was opened to traffic in July 2021. All other bridge projects are complete.
3. Completed 5 pavement improvement projects funded with SB 1 Road Maintenance and Rehabilitation Account (RMRA) totaling approximately \$24.7 million in construction costs.
4. 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 partnered with the University of Southern California to collect and analyze the data, which was completed in fall 2021. The completed research paper is currently under review.
5. The County's Traffic Safety Program has continued to grow, with the ongoing identification of projects and the completion of four traffic safety projects.
6. 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.
7. 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.
8. Damage assessment has been completed for the Bobcat Fire area and recovery work is in progress. Public Works went out with 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. 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 were delayed since it was anticipated that the Lake Fire incident would be added to the Governor's statewide emergency proclamation for the summer 2020 fires. The CEO-Office of Emergency Management informed Public Works that the County will not be included in the emergency proclamation so local funds will pay for the repairs.
9. 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.

10. 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 was approved by the Board in August 2021. Payment was received in October 2021.
11. 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.
12. 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.
13. The total Public Works expenditures on COVID-19 is approximately \$20.9 million, which includes approximately \$120,000 from the Road Fund. Since the County received funding up front from CARES and FEMA, documentation was required to be submitted on a monthly basis. Public Works continued to compile cost documentation while the CEO determines how funding will be allocated to County departments.
14. Began processing an agreement to replace the existing Master Agreement with Caltrans for state transportation funds administered by Caltrans Division of Local Assistance. Caltrans requires local agencies to execute a new Master Agreement to update the responsibilities of both parties in accordance with current State requirements and procedures upon award of new state transportation funds. Public Works is executing the Master Agreement in advance to minimize delays in receiving reimbursement for new projects. Public Works is addressing comments from the CEO before presenting to the Board for approval. The Master Agreement is tentatively scheduled to be presented to the Board for approval in January 2022.
15. Continued coordination with Metro to support their countywide implementation of 11 regional light rail transportation projects that impact Los Angeles County Flood Control District and County roadway facilities. Metro's light rail projects may require the relocation or modification of storm drain facilities, roadway infrastructure, and have even triggered the relocation of a historical veterans mural.

## **Priority 2: Innovation, Planning, and Sustainability**

1. Continued to develop projects in anticipation of the California Active Transportation Program Cycle 6 grant. Applications for this opportunity are expected to be due in June 2022.
2. Submitted two projects to the San Gabriel Valley Council of Governments for consideration of Measure M Multi-Year Subregional Program funding located in the unincorporated communities of Basset/West Puente Valley and East San Gabriel.
3. 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.
4. 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.

5. 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.
6. 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.
7. Continued to administer grant funds from Metro for the design of 25 future Traffic Signal Synchronization Projects involving 615 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 \$61 million.
8. Continued to administer grant funds from Metro for 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.
9. Continued collaboration with Metro and the South Bay Cities Council of Governments to add the County-maintained signalized intersections onto the South Bay Fiber Network (SBFN). The SBFN is a dedicated fiber optic network connecting the South Bay cities, Public Works, and other public agencies. Upon connecting the County signals to the SBFN, Public Works will be able to receive real time traffic data to support monitoring and management of the County's traffic signal systems in the South Bay. The SBFN will provide critical infrastructure to support agencies' "Smart City" applications, as well as accommodate broadband connectivity to residences and businesses.
10. Continued to coordinate with Metro for agreements on four separate Metro Active Transport program projects located within the El Camino Village, Florence-Firestone, and East Los Angeles unincorporated communities.
11. 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.
12. 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. Held virtual and in-person walk audit community outreach events to gain feedback on desired improvements which can be included in the plan.
13. Continued to prepare 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.
14. 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. Public Works provided a verbal briefing on the program to BOS Deputies on September 14, 2021. The working group is identifying a new lead, exploring options to leverage existing County programs, and requesting a 90-day extension to determine the impacts of Board Motion 21-3375.
15. CEO approved and delegated authority to Public Works to execute a Streetlight Master License Agreement with New Cingular Wireless, commonly known as AT&T on August 10, 2021. Negotiations with Verizon and Crown Castle on their respective license agreements are underway.
16. Continued the process to Re-Envision Whiteman Airport which included additional community outreach, banners on the airport fencing, and holding two public Community Advisory Committee (CAC) meetings, one in July and one in September. Information on the Sustainability Master Plan, how Whiteman fits into the national aviation system, and how the airport operates, as well as an update on the Air Quality Monitoring study were provided at the two meetings. The CAC agreed to additional meetings and extended meeting hours to enable more time to review the large amount

of information that has been and will be presented throughout the yearlong process.

17. The Federal Aviation Administration awarded Public Works a \$305,000 grant in August 2021 for the Whiteman Airport Sustainability Master Plan. Work on the plan began September 2021.

### **Priority 3: Transportation Safety**

1. Continued developing three 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 three pilot projects will be on Normandie Avenue in Westmont and Pacific Boulevard in Walnut Park and 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. Held an onsite community pop-up event in Walnut Park to solicit community input on potential roadway configurations.
3. Scoped a potential traffic safety project in El Camino Village along Crenshaw Boulevard. Crenshaw boulevard is a top 20 Vision Zero Collision Concentration Corridor.
4. Scoped potential traffic safety elements along City Terrace Drive, a Vision Zero Collision Concentration Corridor.
5. Continued developing funding and implementation plans for traffic safety programs.
6. Continued to implement the Slow Streets Program and install Slow Street networks in collaboration with community sponsors. Installation and repair 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](http://www.VisionZeroLACounty.com), which was developed to provide communities with information regarding the Vision Zero Action Plan. With temporary signs installed at nearly 675 locations (as of November 18, 2021), it is estimated that the Slow Streets Program has served over 51,000 unincorporated County residents.
7. Commenced review of consultant submittals 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.
8. Continued to provide support to the Department of Public Health in the development of four community pedestrian plans in the unincorporated communities of East Los Angeles, East Rancho Dominguez, Florence-Firestone, and Willowbrook/West Rancho Dominguez.
9. Collaborated with the Department of Public Health, County Counsel, and other Departments to consider the modification of Los Angeles County Code to allow the operation of bicycles on sidewalks





# 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 organic waste 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

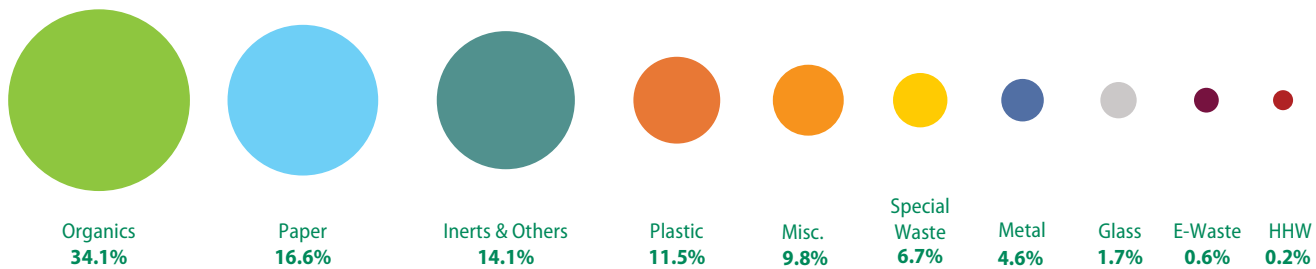
Public Works provides trash collection service for approximately 1.1 million unincorporated area residents and nearly 20,000 businesses through comprehensive waste collection franchises and Garbage Disposal District systems. In the Antelope Valley, residential trash collection services are provided to 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 12,000 tons of HHW/E-Waste in FY 2020-21. The HHW/E-Waste Program is being expanded by developing Reuse

## Components of Waste Stream



Centers at the two County-operated permanent collection centers. Other key programs include:

- 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 8,500 permitted industrial waste pretreatment systems, and enforcement against illegal, harmful industrial waste discharges to the sanitary sewer system and surface waters.

### Underground Storage Tank Program

Public Works permits, monitors, and inspects underground storage tanks

### 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**

# 12,359 tons

Household Hazardous Waste/E-Waste Collected

# 31,890 gallons

Used-motor oil collected at  
County used-motor oil permanent centers  
FY 2020-21

# 5,284 pounds

Batteries collected at  
designated County Libraries  
FY 2020-21

within the unincorporated areas of the County and 77 cities for compliance with local, State, and Federal requirements. Currently, Public Works is monitoring over 4,300 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 (SECOND: OCTOBER–DECEMBER 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.

In moving forward with implementing Garbage Disposal Districts (GDDs) for Acton, Agua Dulce, and remaining unincorporated areas of the Antelope Valley, the Board granted Public Works the authority to file an application with the Local Agency Formation Commission to establish the proposed GDDs. An application was submitted to the Los Angeles County Local Agency Formation Commission in November 2021. The GDDs will ensure provision of weekly waste collection services; access to bulky item collection, annual cleanup events, and excess trash and green waste collection; and will generate funding to address illegal dumping and ensure County compliance with new State laws regarding waste reduction and organic waste collection. Stakeholder engagement for the proposed systems continues, and a second newsletter was mailed in December to affected residents in the unincorporated areas of the Antelope Valley to provide updates on these efforts. An Invitation for Bids is being prepared to obtain bids/proposals from waste haulers so the costs for customers can be determined and used in the Proposition 218 process with the amounts eventually added to their real property taxes.

This quarter, Public Works worked with waste haulers in the CUCs to resume annual cleanup events in 12 unincorporated communities.

#### Regional/Countywide

Public Works conducted 21 smart gardening webinars during this quarter on topics that included “Intro to Composting,” “Water-wise Gardening,” “Organic Gardening,” and “Small-Space Gardening.” A waste tire collection event was held in the Antelope Valley on October 23, 2021, which resulted in the collection of over 100 tons of tires, equivalent to over 10,000 passenger tires. Five mattress collection events were held in the Antelope Valley through the end of November, resulting in the collection of over 350 mattresses and box springs.

In partnership with The Recycling Partnership, Inc., Public Works is running an outreach and education media campaign to educate County residents on proper disposal of household batteries. The purpose of this project is to reduce incidents of household batteries entering the recycling and waste streams and reduce the potential of fires that may be caused by lithium-ion batteries being improperly disposed. The campaign includes pre- and post-surveys to better understand the level of knowledge gained by residents on proper household battery disposal. The campaign launched in October 2021 in connection with an HHW/E-Waste collection event in the City of Compton. The campaign is nearing the end with the administering of post surveys to gauge the effectiveness of the outreach components.

#### County Operations

On November 16, 2021, the Board of Supervisors adopted two policies that were developed in coordination with Public Works, Public Health, County Sustainability Office, and County Counsel; one to reduce single-use plastics and one to properly manage organic waste. The single-use plastics policy focuses on phasing out the purchase and use of single-use plastic items in County operations and at County facilities and establishes guidelines for County-sponsored events to be as waste-free as possible. The organic waste policy establishes implementation requirements for County departments to properly manage organic waste to maximize organic waste diversion, procure organic waste products, and achieve compliance with Senate Bill 1383 requirements.



## **Organic Waste Management**

Public Works continues efforts to facilitate the development of new organic waste processing infrastructure to support SB 1383 compliance. Efforts include identifying sites for potential new organic waste infrastructure, including at County-owned landfills, and working with the Assembly Bill 1583 Statewide Commission on Recycling Markets and Curbside Recycling to recommend solutions to regulatory barriers related to conversion technologies which are necessary for SB 1383 compliance.

SB 1383 regulations require counties to work with cities to implement the SB 1383 regulations. Public Works held a Los Angeles County-Cities Sustainability Summit to discuss the County's organic waste capacity planning efforts, including food recovery efforts with city representatives and other stakeholders. Additionally, Public Works and CalRecycle co-hosted a quarterly meeting on Los Angeles County Organic Waste and Edible Food Capacity Planning to provide updates and reiterate the requirements and responsibilities of local jurisdictions. On December 2, 2021, Public Works hosted its second quarterly meeting with jurisdictions and shared a tutorial of the new Organic Waste Recycling and Edible Food Recovery Capacity Planning website. The new website was developed to give jurisdictions a means to submit their organic waste and edible food disposal and capacity data to the County. Additionally, the website also provides jurisdictions with resources to meet the requirements in Article 11 of the regulations that relate to capacity reporting and planning. Public Works also presented at the California State Association of Counties Annual meeting on December 3, 2021, to provide the County Engineers Association of California Administrative Committee an overview on the requirements and impacts of SB 1383 and an outline of Public Works' strategies for compliance.

The County's Board of Supervisors adopted the Organic Waste Disposal Reduction Ordinance on November 16, 2021, which will assist with compliance efforts for SB 1383 regulations. The ordinance will become effective January 1, 2022. Public Works is also preparing exclusive commercial franchise waste hauling contracts with mandatory organic waste recycling provisions, which is anticipated to take effect in July 2022. Amendments to existing Residential Franchise waste collection contracts have been executed while the Garbage Disposal District amendments are being finalized.

## **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. The food donation from our businesses have been very stable, and this quarter, approximately 55 tons of food were donated from commercial edible food generators in CUCs. Food DROP also continued coordination with 633 food recovery organizations throughout Los Angeles County to assess their current and expected food recovery capacity. On November 1, Public Works provided a Food DROP presentation at the Departmental Recycling Coordinators Meeting to encourage County departments with onsite cafeterias or food-generating services to consider donating surplus food to local food recovery agencies and implementing a food waste recycling program for County employees.

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 Lennox Garbage Disposal District (GDD). This program has proven successful in improving the quality of life for people living in encampments and the surrounding communities by preventing approximately 400 tons of waste from being tossed onto the streets and sidewalks and instead, collected through this program. Dumpsters are strategically placed throughout each area and waste collection services are provided weekly. There are currently 33 dumpsters placed throughout Unincorporated Los Angeles County. In November 2021, dumpsters were removed from the West Los Angeles Veterans Affairs campus after the encampment was cleared and People Experiencing Homelessness were moved off the sidewalk and onto Veterans Affairs property.

Public Works continues to work with partners including Los Angeles Homeless Services Authority to provide outreach on the use of these dumpsters. Dumpster usage reports provided by waste haulers are used to analyze the utilization and effectiveness of each location. Dumpsters with low utilization are candidates for being moved to a more effective location or to increase outreach efforts.

## **Mass Debris Management**

Public Works is continuing work to finalize the draft 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. The draft Addendum will be shared with external stakeholders for further review and comment before finalizing.

### **Woolsey Fire Recovery**

The Woolsey Fire Consolidated Debris Removal Program ended June 30, 2020, as all the properties in unincorporated LA County were cleared of their fire debris. Public Works continues enforcement efforts by ensuring the remaining properties in unincorporated County area participating in the Local Program meet the confirmation soil testing 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).

- \$4,187,876.90 received and processed as of 11/30/21
- Estimated total cost recovery \$20,000,000 based on current documentation

### **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 the 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.

- Debris removal is complete for the 88 properties that participated in the government-sponsored debris removal program as of August 31, 2021.
- We continue to assist property owners participating in the Local Debris Removal Program.
- Eight (8) Bobcat and one (1) Lake Fire properties have not yet submitted the required confirmation soil testing as required by the Bobcat and Lake Fire Emergency Ordinance.
- We are continuing efforts to encourage 100 percent participation and environmental compliance.

We are working to ensure maximum cost recovery for both fires, including insurance proceeds and reimbursement from FEMA and/or Cal OES. Public Works executed an amendment to the existing insurance collection contract in November 2021 to include properties in the Bobcat and Lake Fires.

## **Priority: Reduce County's carbon footprint**

### **Clean fuel fleet**

1. Carbon dioxide emissions were reduced by 355.7 tons.
2. We continue to seek grant funding and other sources to build and install new infrastructure and appurtenant equipment necessary for the operation and maintenance of alternative fuel vehicles.  
  
Public Works has developed a plan to install 38 electric vehicle charging stations (EVCS) at the Palmdale EVCS MD5 Road Maintenance yard. We have received \$75,000 to install 8 of the 38 EVCS. The remaining 30 EVCSs will be installed when funding becomes available.
3. We continue to incorporate clean fuel vehicles, such as electric and compressed natural gas, into the Public Works fleet. To date, the Public Works fleet is comprised of 373 hybrid and alternative fuel vehicles.

## **Priority: Optimize the wastewater collection and treatment infrastructure**

1. Public Works is carrying out the condition assessment program in the East Los Angeles and the Las Virgenes-Malibu communities within the Consolidated Sewer Maintenance District.
2. Public Works began providing as-needed sewer maintenance services to the Cities of Maywood and Montebello. Both cities have requested assistance in aggressively addressing their deferred maintenance and capital program needs at the expense of the respective city.
3. We completed \$330,000 in point repair work within the Cities of Lomita and Palos Verdes Estates. This work was the result of earlier condition assessment work that found deteriorated pipelines at ten locations.



# 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 2020–21

**25** new or renovated County buildings completed, valued at nearly \$199 million, within budget

**51** infrastructure projects completed, valued at nearly \$60.1 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's Department.

Currently, Public Works manages approximately 133 active projects with a total project value of over \$3 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 \$453 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. Construction of the projects at Olive View Medical Center and Rancho Los Amigos National Rehabilitation Center achieved substantial completion this summer and began serving the public in the fall of 2021. Construction of the RCC and RTP at the LAC+USC Medical Center were substantially completed in December 2021 and will open to the public in early 2022. Additionally, the recently completed Mark Ridley-Thomas Behavioral Health Center at the Martin Luther King, Jr. Medical Center campus will provide 16 RTP beds when it opens to the public in the first quarter of 2022. A study to develop Permanent Supportive Housing funding through Senate Bill 1206 (No Place Like Home Act of 2018) on various medical campuses is currently in progress.

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, the San Pedro Interim Housing project that provides 40 new beds, and the Los Padrinos Interim Housing project that provides 20 beds for transitional-aged youth women. In response to the COVID-19 pandemic, the Hilda L. Solis Interim Housing project was completed in six months and began operations in April 2021, providing housing for 232 residents on a four-acre site; each bedroom unit has its own private bathroom and kitchenette. 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 supported the Chief Executive Office with the assessment and purchase of 10 hotels/motels to house people experiencing homelessness as part of Project Homekey. Project Homekey has provided 846 new beds.

**183**  
total active projects  
with a project value  
of approximately  
**\$3.5 billion**

Santa Anita Dam Spillway Modification Project



## KEY ISSUES/CHALLENGES

- **Project Management Delivery**
  - Keeping in-line with project control technology and trends allows Public Works to foster a competitive edge and collaborate more efficiently with the private industry. Utilizing technology and project delivery methods that are on-par with our contractors helps to improve process efficiencies, resulting in lower costs, time savings and improvement in customer and stakeholder satisfaction demands.
- **Addressing Broad Scope of Client Needs**
  - All County departments provide specific services and have unique needs, while each Supervisorial District has different priorities that best serve their constituents. Public Works must be able to proactively respond and quickly adapt to changing customer demands.
- **Aging Buildings and Infrastructure**
  - Ensuring processes are in place to allow Public Works to carry out the evaluation and repair or replacement of buildings and infrastructure that have outlived their useful lifespan.
  - Ensuring sufficient staff and resources are available to carry out projects funded through the recently approved Federal and State legislative bills.

## 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, to implement projects within scope, schedule, and budget.
- **Customer Satisfaction**
  - A comprehensive understanding of the unique needs of the people, places, diverse communities, and satisfaction of our customers are crucial in the delivery of successful projects. This will help gauge the success of projects that enhance the lives of our residents.

## KEY PRIORITY STATUS (SECOND: OCTOBER–DECEMBER 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. In addition, Public Works is in the last phases of a Request for Proposal to bring on a new project management control software vendor to develop a new Project Management Controls System to provide integrated program and project management functions for the Construction Management Branch. A Board letter is being prepared with a target agenda date in Spring 2022 to award the contract.
2. Public Works is exploring options to obtain legislative support to amend the Public Contract Code to allow Counties to use Progressive Design Build. This new tool will expand our ability to expedite delivery of complex County projects.
3. Public Works continues to utilize its Implementation Committee and Formation Team of internal stakeholders representing various core service area infrastructure projects sponsors, service providers, and project managers to develop and implement the optimum model for an outcome based, 21st Century, integrated infrastructure project delivery system. This system will optimize processes, is customer oriented, efficient, effective, and innovative. The Implementation Committee and Formation Team developed the framework of the optimum model and continues to work towards development of the standardized processes and procedures based on tasks identified and roles established across the Enterprise.

### Priority: Customer Satisfaction

1. In an effort to gauge satisfaction of client departments and stakeholders, Public Works will begin compiling monthly information relative to the number of community outreach events conducted. We will assess each outreach event and characterize them accordingly. We are currently discussing the prospect of developing a Community Outreach template that will work in conjunction with the client/stakeholder information compiled once the process begins.
2. During this quarter, Public Works continued to lead the Infrastructure LA Construction Industry Subcommittee consisting of construction industry organizations throughout the region. Monthly meetings were held to discuss topics of general interest, including but not limited to, the status of Public Works' construction, availability of labor and materials, and State and local COVID related orders. Construction Management both facilitates and provides information at these meetings, including quarterly high-level updates on Public Works' funds, programs, and major construction progress. Benefits have included increased transparency with the contracting community related to short- and long-term plans for infrastructure improvements. In addition, associations have utilized this forum in order to better reach out to Public Works regarding questions and concerns.





# Development Services

*"Creating safe and resilient communities for all."*



**3,000** Subdivision improvement plans reviewed annually

**13,897** 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 throughout the County that include land development and permitting services, homeless initiatives, housing development, code enforcement and property rehabilitation programs, graffiti abatement services, and measures to bridge the digital divide. 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 remain 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 35 community and Town Council meetings, 20 meetings with Board offices, 22 Council of Government (COG) and Joint Power of Authority (JPA) meetings; and participated in the California Contract Cities Association conference. They also coordinated responses to over 680 inquiries or requests from Board offices and community leaders. Trends seen this quarter include reports of encampments and persons experiencing homelessness (PEH), illegal dumping, and issues related to parking code enforcement, speeding, nuisance properties, and illegal marijuana grows and water theft in the North County. Also, during this quarter, 124 City Service requests were submitted, with a cost estimate totaling \$2 million. The service requests most frequently covered subjects including bridge repair, traffic sign and pavement marking maintenance, traffic signal repair/maintenance, and plan checks.

To enhance partnerships with community organizations, neighborhoods, and residents, CSG is developing guidelines to establish a Utility Box Beautification pilot program. This will contribute to improving the quality of life in communities with painted artistic displays on utility cabinets to enliven public right-of-way areas. CSG also has taken a lead in considering the steps to convert the temporary outdoor dining program into a permanent program, to help local restaurant businesses and the economy

recover from the challenges presented by COVID-19.

## 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 13,897 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. At the end of the first quarter of Fiscal Year 2021-22, there were 4,949 building permits issued with a valuation of approximately \$474 million. This quarter, building permit applications have increased an overall 62% compared to the first quarter in 2019 pre-pandemic levels. This significant increase indicates a strong construction market. Of the permits issued during the first quarter of Fiscal Year 2021-22, there were 1,290 solar permits issued, which yields an estimated yearly energy production of 20,223,971 kWh. This amount of solar energy is roughly the equivalent of 3,117 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, filming, and other activities within unincorporated County public rights-of-way and other 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 in city public rights-of-way for three contract cities and transportation permit issuance for 21 contract cities. Approximately 6,400 encroachment and transportation permits were processed and over 12,500 inspections were performed based upon the data

collected at the end of the first quarter of FY 2021-22.

As part of Public Works' commitment to address the digital divide, work is continuing with Regional Planning to amend Title 16 to streamline permitting for Small Cell Wireless Facilities and to enable expedited expansion of enhanced communications. A draft of the Small Cell Wireless Facilities Ordinance has been prepared and public comments will be sought in December 2021 – January 2022. Also, Public Works, in collaboration with Regional Planning, is working with several telecommunications companies to develop small cell design guidelines and checklists to facilitate the submission of plans.

## Homelessness and Housing

Public Works is dedicated 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 Project RoomKey, which is 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.

At the end of the first quarter of FY 2021-22, there were 1,726 residential building permits finalized which enabled housing occupancy. This includes the completion of one affordable housing project, enabling occupancy of 41 affordable dwelling units.

## 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 first quarter of FY 2021-2022, there were 145 code enforcement cases, 206 property rehabilitation cases, and 148 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 County law enforcement and the District Attorney's Office for enforcement actions.

Building and Safety services to

**14 Cities**

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

Land Development services to

**62 Cities**

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. At the end of the first quarter of FY 2021-22, Public Works abated 27,314 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, in coordination with the California Geologic Energy Management Division, the Chief Sustainability Office and the County departments of Regional Planning, Public Health, and Fire - Health HazMat, is developing a framework to plug and abandon idle oil wells, with the goal of improving environmental conditions for frontline communities.

### 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
<b>Destroyed</b> (red-tagged)	18	23	41
<b>Damaged</b> (non-red-tagged)	3	1	4
<b>Total</b>	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
<b>Destroyed</b> (red-tagged)	74	123	3	200
<b>Damaged</b> (non-red-tagged)	5	4	0	9
<b>Total</b>	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, 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, 51 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. Also, outreach has extended to providing notice of the opportunity for One-on-One appointments in email blasts to users of EPIC-LA and others.

### **Bobcat Fire and Lake Fire Permits Issued for Rebuild**

Rebuilding permits for two new single-family homes were issued for the Lake Fire area. Also, rebuilding permits for three new single-family homes were issued for the Bobcat Fire area.

### **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 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” 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.

The three property owners were subsequently ordered by the Building Rehabilitation Appeals Board (BRAB) to clean up the debris by April 27, 2021. To date, one property owner has fully complied with the debris removal order. The other two property owners have obtained the necessary permits and are continuing work to clear remaining portions of their sites.

### **Code Enforcement – Sacred Oaks Ranch**

There are ongoing code enforcement efforts at 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 site. The unpermitted structures appeared to be used by several families with children. 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 October 21, 2021, at a follow-up inspection, clean-up of debris and removal of several make-shift structures were observed. The District Attorney has been advised of the progress on site and Public Works continues to verify progress.

## Newhall Ranch – Mission Village

The ongoing efforts by Public Works on this project include:

- Bi-weekly meetings with FivePoint’s executive team to discuss high level workflow and staffing issues.
- 340 building permits issued for single-family residences and multi-family buildings.
- Processed recordation of an additional 9 tract maps in early November 2021, for a total of 33 recorded maps.
- Collaboration 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

- Public Works buildings reopened to the public on October 1, 2021, and in-person services to customers are available. The reopening was broadly publicized via social media, email blasts to 38,000+ customers, on our webpages, and with signage at the offices. COVID-safety protocols are being followed for all in-person visits.
- Public Works continues to offer online services including the submission of applications on EPIC-LA, which include plan submittal, review, and approvals; payments; permit issuance; and inspection requests and results.
- Virtual appointments via an online scheduling program are available for land development/building construction projects or road/flood permits and for property owners affected by the Bobcat and Lake Fire. The one-on-one appointments of LA County Connect offered in the Santa Clarita Valley continue to be available, as well.
- To support economic recovery and the building industry, Public Works published “Guidelines for Construction During COVID-19,” which remain available on our web pages and have been shared with strategic partners and stakeholders.
- The number of permit applications and permits issued have stabilized and grown since pre-COVID-19 levels. Currently, the number of permit applications shows a significant increase over prior recent years, indicating a strong construction market.
- Consistent with CEO established protocols to not disperse persons experiencing homelessness (PEH) into the community during the pandemic, Public Works continues to request exemptions for special circumstances for encampment cleanups. Public Works has since received approval from the CEO-Homeless Initiative to proceed with over 260 encampment cleanups.
- Public Works will be receiving a portion of funding from the American Rescue & Recovery Funds with a focus on addressing homelessness, including transitioning from interim to permanent housing and enhancing quality of life through sanitation efforts at encampments with PEH.
- Public Works continues to help small businesses maintain their operations by extending the Temporary Outdoor Dining Program while working to develop Permanent Outdoor Dining guidelines for restaurants within unincorporated Los Angeles County wishing to expand into the County road right-of-way.
- To mitigate delays and continue providing confined-space underground inspections associated with developer and city driven storm drain projects, Public Works developed guidelines, consistent with COVID-safety protocols, for the submission of remote-controlled video footage to facilitate the final inspection review and approval.
- Public Works continues to encourage public utilities to consider mitigation measures to ensure any outage impacts are minimized 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.
- 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. Emergency plan implementation and availability of online services have ensured continuation of essential services while adhering to COVID-19 safety guidelines.
- Streamlining processes to enable convenient digital access to development services, including permit applications, fee transactions, and virtual inspections. Emergency plan implementation and availability of online services have ensured continuation of essential services while adhering to COVID-19 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.
- Bridging the digital divide through initiatives to ensure broadband infrastructure development and equitable access to broadband.
- Updating photovoltaic review and inspection policy for new technology, including integrated solar modules/roof tile installations.



## KEY PRIORITIES

- **Homelessness and Housing**

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

- **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 equitably 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.
- Update photovoltaic review and inspection policy for new technology, including integrated solar modules/roof tile installations.

- **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 enable developers and other clients in the Santa Clarita Valley to meet with key staff to resolve project issues and obtain development counselling.
- Continue communications with customers, with appropriate tools such as email blasts and social media, to ensure timely messaging relative to permitting and inspection services, news, and other helpful online resources available for property owners, contractors, and developers.
- Continue to ensure the 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.
- Continue the Land Development Advisory Committee (LDAC) meetings to assist the development community with land development review processes and guidance on design standards as well as plan checks and permit reviews.

## KEY PRIORITY STATUS (SECOND: OCTOBER–DECEMBER 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) that may positively impact persons experiencing homelessness (PEH).
2. Public Works remains engaged in developing strategies to increase transitional, interim, and permanent supportive housing for PEH 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 of shelters and public properties to be used for shelters or interim housing for PEH, particularly during extreme weather conditions.
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.

### 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 two 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 second quarter (October - December of FY 2021- 22), 183 Film Permits were issued.
5. Public Works continues to provide leadership on equitably 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, County Counsel, and CIO, to address the digital divide through streamlined permitting and seeking public-private partnerships. Primary objectives are to increase accessibility, affordability, and adoption Countywide, particularly in underserved and under-resourced areas.

### Priority: Climate Adaptation

1. Public Works is coordinating with the City of Los Angeles, Santa Monica, and other members of the Building Decarbonization Coalition to develop building energy and emissions performance standards that put the County on a path towards building decarbonization.
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.

### 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 One-on-One appointments are offered in collaboration with Regional Planning, Public Health, and Fire.
4. Public Works continues to use digital outreach and communications with tools such as the “We’re in This Together” campaign to ensure messaging to EPIC-LA and Development Services customers. The messaging reminds our customers of Public Works’ services relative to permitting and inspection services, and availability of convenient online as well as in-person 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 responses and support County emergency operations during major emergencies and disasters. The Public Works DOC was activated for the COVID-19 pandemic on March 11, 2020, and for the Dominguez Channel Odor Incident on October 10, 2021. The DOC has remained activated for both of these incidents throughout most of this quarter.

### Public Works Dispatch Center

Public Works operates a twenty-four hours a day, seven days a week, Dispatch Center and hotline (1 800 675 HELP) that coordinates more than 50,000 service and emergency calls annually. This includes reports for graffiti, potholes, hazmat spills, water service disruptions, illegal dumping, sewer overflows, damaged signs, and malfunctioning traffic signals. The Dispatch Center also assists in coordinating the efforts between Public Works field crews and law enforcement or other safety responders. Road closures for County-maintained roads are posted at: [pw.lacounty.gov/rmd/roadclosures](http://pw.lacounty.gov/rmd/roadclosures) and traffic signal incidents are posted at: [pw.lacounty.gov/OSD/TrafficSignalIncidents/](http://pw.lacounty.gov/OSD/TrafficSignalIncidents/).

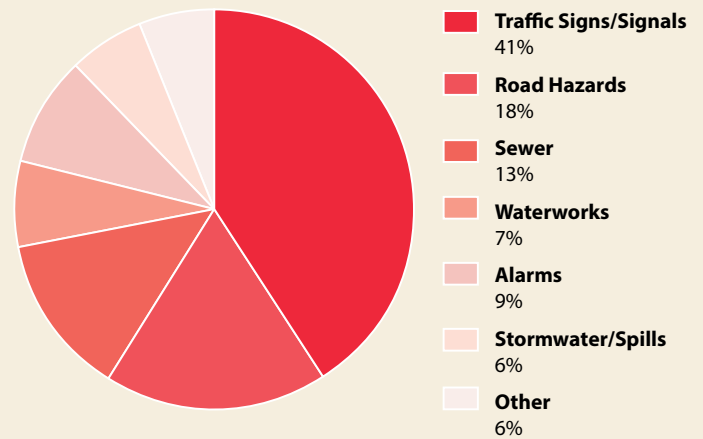


Public Works Department Operations Center (DOC)

## PUBLIC WORKS DISPATCH SERVICES



### Analysis of Fiscal Year 2020-2021 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)

A comprehensive emergency response plan has been developed, in partnership with the CEO and Internal Services Department, which includes processes on the prioritization and evaluation of County buildings in the event of a major emergency, such as a major earthquake, tsunami, or extensive flooding. Public Works is tasked with evaluating the structural integrity of all County buildings. Training has been conducted and maintained to ensure appropriate staff are familiar with the CBET Plan.

### Financial Works' Response Costs\* for Recent Disaster Events:

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

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

## 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 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

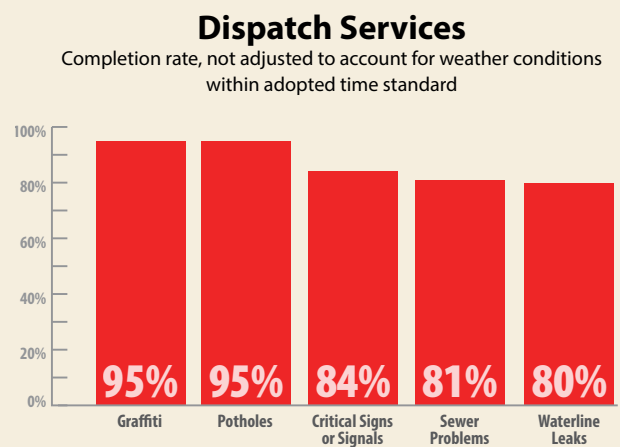
The COVID-19 pandemic has been a unique emergency, and Public Works adopted three primary objectives to face this challenge:

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 (DSW) 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. 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 employee vaccination clinics at Public Works Headquarters in June and July 2021.

Overall, Public Works has been adapting well and is continuing to provide essential services throughout the COVID-19 pandemic incident. Many lessons have also been learned. For example, Public Works developed the capability to seamlessly reassign employees to alternate work locations, including telework. The DOC has incorporated interactive virtual platforms to maintain the coordination of emergency operation activations and utilized these innovations into the monthly refresher trainings. Public Works has already initiated an after action review to identify and address the lessons learned and improvements to be made following this incident. A report of findings is currently under review with interim after action reports completed in June 2020 and September 2021.

On August 10, 2021, the Los Angeles County Board of Supervisors ratified the Executive Order, issued by the Board's Chair Hilda Solis, to require all County employees to be fully vaccinated by October 1, 2021, with exemptions for medical and religious purposes. On that same date, the Board also passed the Board Motion 213102a that directed the CEO and Department of Human Resources to develop a Vaccination Policy that requires all County employees to be fully vaccinated against COVID-19 and establishes testing requirements for any County employee that is not vaccinated. As of November 2021, almost 90% of Public Works employees have reported to be fully vaccinated against COVID-19. Public Works has trained and provided letters to supervisors of employees who are not vaccinated to ensure they are aware of and are complying with the Vaccination Policy testing requirements.





## 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 the fires, 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 throughout the recovery. This includes emergency projects to restore infrastructure and utilities, improve flood control systems, and streamlining the permit processes for the repair and rebuilding of homes and businesses.

During the second quarter of FY 2021-22, Public Works continued the recovery phase for the 2020 Lake and Bobcat Fires, 2018 Woolsey Fire, and other recent fires. In August 2020, the Lake Fire burned 30,189 acres and destroyed homes in the 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. Community meetings were held, and local assistance centers were established immediately after the fires. Public Works coordinated recovery efforts with partner agencies through task force groups.

The Debris Removal and Rebuild Task Force partnered with the California Governor's Office of Emergency Services to establish the Private Property Debris Removal program and assist residents to clean up their properties and begin the rebuilding 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.

## Emerging Issues

Following the tragic events on June 23, 2021, that occurred at the 12-story beachfront condominium collapse in the Miami suburb of Surfside, Florida, Public Works has created a delegation to collect and review information related to this collapse and ensure that a similar structural situation does not occur within Los Angeles County. The delegation is working to provide development services with accurate and timely information to prepare for any local, State, and National Code changes that may be developed from lessons learned due to the Surfside condominium collapse. The U.S. Department of Commerce's National Institute of Standards and Technology continues to lead the investigation into the collapse, is developing analyses for the technical cause of the collapse, and will be providing recommendations for specific improvements to building standards and codes at the completion of the investigation.





In early October 2021, community members began to complain of unpleasant odors near the Dominguez Channel in the City of Carson area. Public Works established an Incident Command and partnered with Public Health, Fire Department, and the South Coast Air Quality Management District (AQMD) to implement measures to protect the health and wellbeing of residents affected by the odor. Public Works began treating the channel waters with a natural, biodegradable odor neutralizer and installed a system of nano-bubblers to aerate the water. On November 2, 2021, the County of Los Angeles Board of Supervisors proclaimed a Local Emergency for the Dominguez Channel Odor Event and requested that a Governor’s Proclamation be provided under the California Disaster Assistance Act. The Board also approved the Director of Public Works to take critical actions to address the Dominguez Channel Public Odor Event. This Incident has involved an unprecedented level of community coordination, outreach, and direct assistance from Public Works.

## 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 (SECOND: OCTOBER–DECEMBER 2021)

### Priority: Workforce Awareness

1. Maintained Public Works readiness to assist the California Governor's Office of Emergency Services' (Cal OES) Safety Assessment Program (SAP). Public Works currently has 219 SAP personnel (professional engineers, architects, and certified building inspectors) trained and ready to assist with safety evaluations in the aftermath of a disaster.
2. Participated in Federal Emergency Management Agency (FEMA) and Cal OES Training.
3. Sustained DOC operations and activations with virtual platforms, including web conferencing, to support COVID 19 pandemic physical distancing practices. The DOC was activated for the Dominguez Channel Odor Incident on October 10, 2021, and remained activated throughout most of this quarter. The regular monthly training sessions were forgone during the activation.
4. Maintained enterprise-wide COOP that identified essential functions and processes that must be continued or resumed rapidly after a disruption. Throughout the COVID-19 pandemic, the COOP has been activated and extensively referenced to support continued operations. Planning efforts continue as further details and interdependencies are analyzed and incorporated into the plan. Public Works participated in a COOP planning refresher training with OEM this quarter and joined a new County-wide COOP SharePoint site with newsletters, planning documents, and training materials.
5. 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. Nearly all divisions have completed their plans with a few that are finalizing updates.
6. Conducted internal communications including an emergency alert website and regular use of electronic notification systems to maintain situational awareness to developing and active emergencies and provide updates to potentially impacted workforces.
7. Public Works launched a Virtual Employee Preparedness Fair including a video compilation with presentations by Public Works personnel and partner agencies.

### Priority: Community Awareness

1. Updated the interactive web map for post-fire debris flow hazards to include recent burn area analyses. The web mapping tool has proven useful for coordinating efforts of Public Works with first responders to plan storm response and potential evacuations. A public version of this tool allows residents to personally assess hazards for their locations.
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. The Dominguez Channel Odor Incident involved robust community outreach, reimbursement, and direct assistance programs. The Community Outreach Vehicle was staffed and deployed to the Carson Community Center as a local assistance center. Public Works provided in-person assistance at the Wilmington Senior Center, as well as staffing a Direct Assistance Distribution Center at Victoria Park. Public Works' outreach efforts also included online townhall meetings, a website, press releases, frequent posts on social media, and partnering with the 2-1-1 call center for essential community services to provide a 24/7 resource for constituent questions.

## Priority: Strategic Relationships

1. Public Works representatives have been engaged with the CEOC during the COVID-19 pandemic. Public Works staff continues their involvement in the Construction and Engineering Branch and provide support to the overall CEOC team responses.
2. Ongoing 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.
3. Coordinated closely with partner agencies for the Dominguez Channel Odor Incident, including Public Health, Fire Department, South Coast Air Quality Management District, Office of Emergency Management, and local cities.
4. Partnered with affected County departments and other stakeholders to streamline processes pertaining to sewage overflows.
5. Contributed to the strengthening of strategic relationships that were developed when Public Works launched the Infrastructure LA platform. Infrastructure LA supports the collaboration of public and private infrastructure leaders to strategize on regional issues, including emergency management.
6. Continued participation as members of the Los Angeles County Fire Department Urban Search and Rescue (USAR) Team as California Task Force 2 (CA-TF2). 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. Coordinated with communities and response agencies to improve evacuation planning and communications in the Santa Monica Mountains.
4. Continued to implement new GIS applications and web maps to improve readiness, track status, and interactively assess hazard information. During this quarter, further progress was made on a new interactive map to track hazardous spill incidents, sewer overflows, and permitted discharges to determine potential impacts for water quality and public safety.
5. The response and DOC activations for the COVID-19 pandemic, Dominguez Channel Odor Incident, and Hi-Vista water theft incident have reflected emerging issues beyond the traditional scope of Public Works' role. Lessons from these events and improvement strategies are being incorporated into response planning documents and processes.
6. Public Works personnel have assisted partner agencies as DSWs extensively since the start of the COVID-19 pandemic. Most DSW assignments have now concluded, and one Public Works employee is continuing to assist Public Health as a COVID-19 contact tracer. In response to a request from the CEOC, Public Works also assisted with additional food distribution events during this quarter.
7. Led a delegation to provide development services with accurate and timely information to prepare for any local, State, and National Code changes that may be developed from lessons learned due to the condominium collapse in Surfside, Florida.
8. For clarity on DOC roles and responsibilities, the DOC Director Manual and related processes for Incident Command are being updated for release in the third quarter of fiscal year 2021-22.



# **Appendix 1**

Public Contracting &  
Asset Management





## AT A GLANCE

Population:

**10.08M<sup>1</sup>**

(Los Angeles County)



Unemployment Rate:

**12.8<sup>2</sup>**

(Los Angeles County)

(United States: 8.1<sup>2</sup>)

**FY 2020–21**  
(All Districts)

Contracts Awarded:

Nearly

**\$1B<sup>3</sup>**

Jobs Created:

**12,394<sup>3</sup>**

Products & Services Procured:

Nearly

**\$100M**

from vendors and small businesses

<sup>1</sup> US Census ACS 2019

<sup>2</sup> U.S. Bureau of Labor Statistics, Labor Force Data: 2020 Averages

<sup>3</sup> Includes nondistrict-specific data for contracts and jobs created

# Public Contracting and Asset Management Business Outreach

Public Works' Business Outreach team focuses on public outreach and engagement of small and targeted businesses to encourage regional economic growth and stability through equitable contracting opportunities, business-friendly procurement of products and services, and optimal asset management.

### Community benefits supported:

- Regional economic growth and workforce development
- Local business opportunities
- Fair and equitable access to contracting information and opportunities

### Key issues to be addressed:

- Regional economic growth and development requiring support for small businesses, Social Enterprises, and Community Business Enterprises
- Continue to use contracting best practices and develop innovative methods to reach businesses during COVID
- 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:

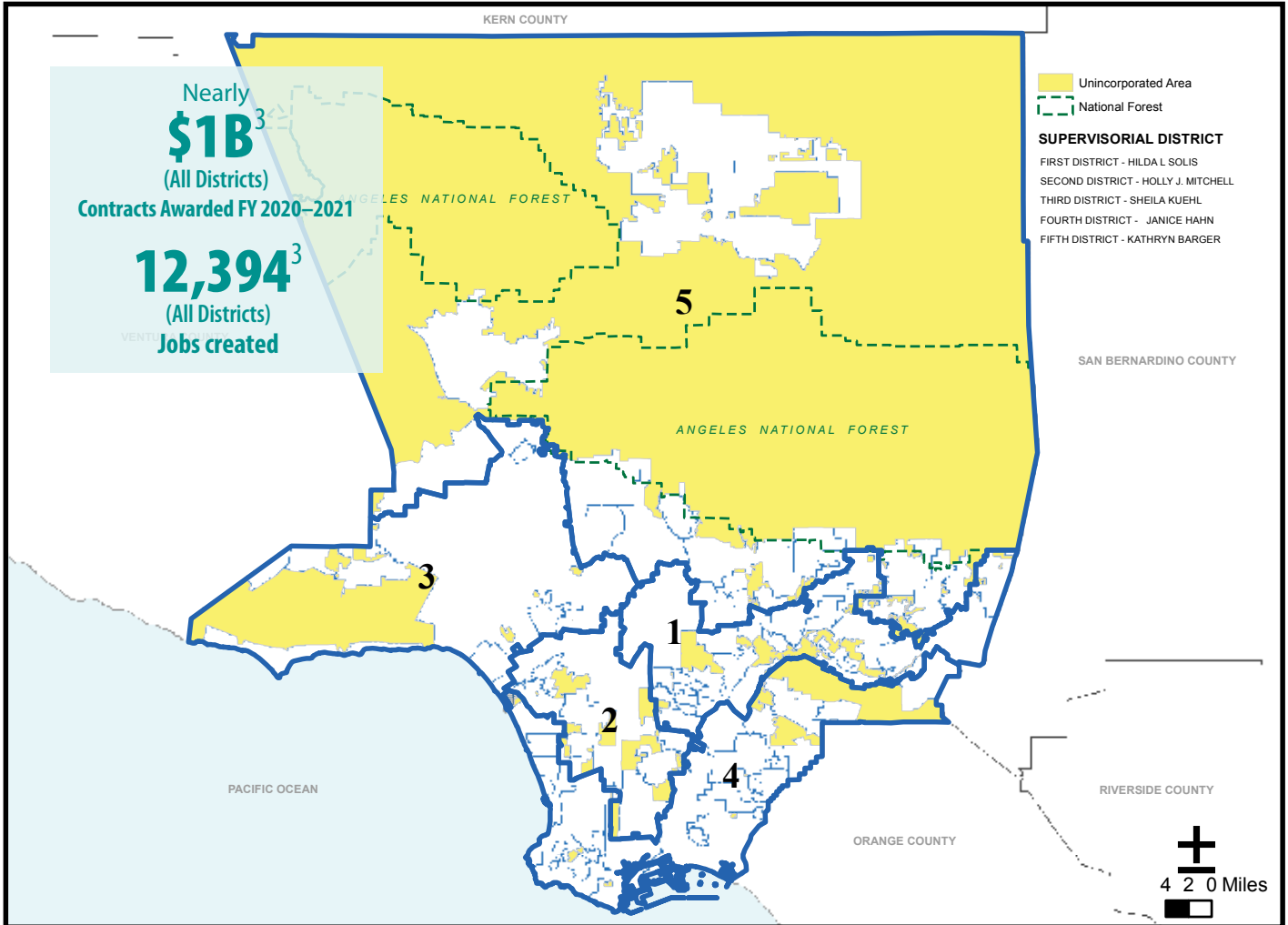
- Advance the Board's objectives of expanding business opportunities for Local Small Business Enterprises, Disabled Veteran Business Enterprises, Social Enterprises, and Community Business Enterprises
- Serve as a catalyst for local job creation and workforce support
- Participate in contractor development efforts to provide resources and education to businesses and targeted individuals who may benefit from learning how to do business with Public Works

### Key efforts:

- Manage a robust business outreach program in collaboration with various partner departments to increase Local Small Business utilization and equitable access to contracting opportunities and information
- 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
- Administer Best Value and Best Value JOC pilot program
- Develop, implement, and manage programs designed to invest contracting dollars directly into communities that need it most while assisting individuals who face barriers to employment



# Local Economy





# **Appendix 2**

## Administrative Services





## AT A GLANCE FY 21–22



**6,700**

Purchase Orders Processed  
Totalling

**\$58 million**

**3,996** Local Small Business Enterprise  
payments for a total of

**\$55.9 million**

**97%** 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 Orientations  
Charitable Giving Kickoffs  
Safety Award Ceremony  
Public Servant of the Month Visits  
Charitable Giving Campaign Kickoffs  
New Managers Meeting  
Leadership Forum  
Blood Drive / Flu Shot Clinic  
Election Workers / Vote Center  
EA Forum / Wellbeing Ambassador Program  
Secretarial Excellence Certification Program Graduation  
Management Holiday Celebration



**\$453,121**

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 extensive community engagement for Dominguez Channel Odor Incident through social media, virtual townhalls, and in-person sessions for residents.

### 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.
  - Share 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, persons experiencing homelessness, reentry youth and adults, and dislocated workers.
- Enhance Community Relations to ensure an equitable and inclusive government.
- Modernize and optimize technology to create an agile and productive work environment.

### Key efforts:

- Continued to provide flexible business practices, including telework, due to the COVID-19 pandemic. Provided technology capabilities for 75% of the workforce teleworking. Continued employee engagement virtually. Maintained weekly communication with employees to enhance transparency in line with Public Works' vision, mission, and values. Engaged employees through focus groups and an employee survey to assist in establishing the department's telework strategy post-pandemic.



# **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	■								■		■			■					■			■	■
<b>TOTAL</b>	<b>22</b>	<b>2</b>	<b>7</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>9</b>	<b>0</b>	<b>7</b>	<b>9</b>	<b>24</b>	<b>1</b>	<b>6</b>	<b>8</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>2</b>	<b>13</b>	<b>1</b>	<b>22</b>	<b>24</b>	

# 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	■								■		■			■					■		■	■
<b>TOTAL</b>	<b>6</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>9</b>	<b>0</b>	<b>2</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>5</b>	<b>1</b>	<b>8</b>	<b>9</b>



# 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	■	■	■	■			■			■	■						■	■			■	■
<b>TOTAL</b>	<b>6</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>5</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>7</b>	<b>10</b>

# 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	■									■		■						■			■	■
<b>TOTAL</b>	<b>18</b>	<b>8</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>12</b>	<b>3</b>	<b>9</b>	<b>14</b>	<b>27</b>	<b>0</b>	<b>6</b>	<b>14</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>5</b>	<b>8</b>	<b>2</b>	<b>22</b>	<b>27</b>	

# 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	■		■		■	■			■	■							■				■	■
<b>TOTAL</b>	<b>20</b>	<b>1</b>	<b>13</b>	<b>4</b>	<b>2</b>	<b>6</b>	<b>0</b>	<b>3</b>	<b>7</b>	<b>22</b>	<b>0</b>	<b>1</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>3</b>	<b>10</b>	<b>4</b>	<b>18</b>	<b>22</b>	



# **Appendix 4**

## Public Works' Priority Legislation



# Public Works' Priority Legislation

2021 Legislative Session

Bill and Author	Issue Area	Status	County Position
<b><i>Environmental Services</i></b>			
AB 246 (Quirk, D-Hayward)	Contractors: Disciplinary Actions - Illegal Dumping	Signed by the Governor on 7/9/21	No Position
AB 322 (Salas, -D-Bakersfield)	Electric Program Investment Charge Program: Biomass	Signed by the Governor on 9/23/21	No Position
AB 332 (Env. Safety & Toxic Materials Comm.)	Hazardous Waste: Treated Wood Waste: Management Standards	Signed by the Governor on 8/31/21	Support
AB 659 (Mathis, R-Visalia)	Illegal Dumping	ASM - 2-Year Bill	No Position
AB 818 (Bloom, D-Santa Monica)	Solid Waste: Premoistened Nonwoven Disposable Wipes	Signed by the Governor on 10/6/21	Support
AB 881 (L. Gonzalez, D-San Diego)	Recycling: Plastic Waste: Export	Signed by the Governor on 10/5/21	Support
AB 1276 (Carrillo, D-Los Angeles)	Single-Use Food Accessories	Signed by the Governor on 10/5/21	Support
AB 38 (Wieckowski, D-Fremont)	Beverage Containers	ASM Natural Resources Comm. (2-Year Bill)	No Position
SB 289 (Newman, D-Fullerton)	Recycling: Batteries and Battery-Embedded Products	SEN Appropriations Comm. (2-Year Bill)	Support
SB 343 (Allen, D-Santa Monica)	Environmental Advertising: Recycling Symbol	Signed by the Governor on 10/5/21	Support
SB 619 (Laird, D-Santa Cruz)	Organic Waste: Reduction Regulations: Local Jurisdiction Compliance	Signed by the Governor on 10/5/21	Support
<b><i>Water Resources</i></b>			
AB 377 (R. Rivas, D-Hollister)	Water Quality: Impaired Waters	ASM - 2-Year Bill	Oppose
AB 500 (Ward, D-San Diego)	Local Planning: Coastal Development: Streamlined Permitting	SEN Inactive File	No Position
AB 1066 (Bloom, D-Santa Monica)	Priority Inland Water-Contact Recreation Sites: Water Quality Monitoring	Signed by the Governor on 10/8/21	No Position
AB 1195 (C. Garcia, D-Bell Gardens)	Drinking Water	SEN Environmental Quality Comm.	No Position

Bill and Author	Issue Area	Status	County Position
AB 1500 (E. Garcia, D-Coachella)	Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, and Workforce Development Bond Act of 2022	ASM Rules Comm.	No Position
SB 222 (Dodd, D-Napa)	Water Rate Assistance Program	ASM Inactive File	Watch
SB 223 (Dodd, D-Napa)	Discontinuation of Residential Water Service	SEN Appropriations Comm. (2-Year Bill)	No Position
HR 1915 (DeFazio, D-OR)	Water Quality Protection & Job Creation Act of 2021	House Transportation and Infrastructure Comm.	Support
HR 4099 (Napolitano, D-CA)	Large-Scale Water Recycling Project Investment Act	House Natural Resources Comm.	Pending
S 1459 (Padilla, D-CA)	The PUBLIC Lands Act	Senate Energy & Natural Resources Comm.	Pending
<b><i>Construction Management</i></b>			
AB 712 (Calderon, D-Whittier)	Local Agency Public Construction Act: Change Orders	Signed by the Governor on 7/16/21.	County-Sponsored
<b><i>Development Services &amp; Emergency Management</i></b>			
AB 970 (McCarthy, D-Sacramento)	Electric Vehicle Charging Stations: Permit Application: Approval	Signed by the Governor on 10/8/21	No Position
SB 617 (Wiener, D-San Francisco)	Residential Solar Energy System: Permitting	SEN Appropriation Comm. -2-Year Bill	No Position
<b><i>Transportation</i></b>			
AB 1238 (Ting, D-San Francisco)	Pedestrian Access	Signed by the Governor on 10/4/21	Support
<b><i>PW At-Large</i></b>			
AB 537 (Quirk, D-Hayward)	Communications: Wireless Telecommunications and Broadband Facilities	Signed by the Governor on 10/4/21	Oppose
SB 556 (Dodd, D-Napa)	Street Light Poles, Traffic Signal Poles: Small Wireless Facilities Attachments	Vetoed by the Governor on 10/4/21	Oppose
HR 3684 (DeFazio, D-OR)	Infrastructure Investment and Jobs Act	Passed by House on 11/5/21	Watch
HR 5376 (Yarmuth, D-KY)	Build Back Better Act	Pending	Watch
S 3011 (Cornyn, R-TX)	State, Local, Tribal, & Territorial Fiscal Recovery, Infrastructure & Disaster Relief Flexibility Act	Passed by Senate on 10/19/21	Support



Bill and Author	Issue Area	Status	County Position
<b><i>Budget Trailer Bills</i></b>			
AB 148 (Comm. on Budget)	Public Resources Budget Trailer Bill	Signed by the Governor on 7/22/21	Watch
AB 149 (Comm. on Budget)	Transportation Budget Trailer Bill	Signed by the Governor on 7/16/21	Watch
AB 155 (Comm. on Budget)	Public Resources Budget Trailer Bill (#2)	Signed by the Governor on 9/23/21	Watch
SB 156 (Comm. on Budget)	Communications: Broadband Budget Trailer Bill	Signed by the Governor on 7/20/21	Watch



*Public Works*

LOS ANGELES COUNTY

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