

ACEC Los Angeles Chapter

November 10, 2021

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City Engineer



Bureau of Engineering
City of Los Angeles

What We Do

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Plan, design, construct, and manage the City's Capital Improvement Projects for public buildings, open space, and infrastructure

Manage the City's permitting of all construction in the public right-of-way

Develop and manage the City's state-of-the-art online mapping system, NavigateLA

Partner with consultant and contractor communities on projects



Who We Are

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- Approximately 900 engineers, architects, surveyors, technical and support staff
- FY 21/22 Operating Budget of \$185 million
- 400 current active projects totaling \$3.8 billion



Organization & Programs

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- Public Buildings & Open Spaces
- Development Services & Permits
- Clean Water Infrastructure
- Mobility
- Engineering Services





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Bureau of Engineering
Major Projects



Sixth Street Viaduct Replacement Project

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- \$588 million
- Largest bridge project in the history of LA
- Completion in Summer 2022



Homelessness Projects

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- Bureau of Engineering acts as Project Manager for design and construction
- Pre-design phase: determining locations, CEQA clearance, etc.



Homeless Shelters Built

- 14 Bridge Homes - 1,282 beds
- 8 Tiny Home Villages - 1,047 beds
- 1 Safe Sleep Site - 73 spaces

Total 2,402 beds/spaces

Homeless Shelters in Construction

- 2 Tiny Home Villages - 200 beds
- 1 Safe Sleep Site - 95 spaces
- 3 Homekey Sites - 356 beds

Total 651 beds/spaces

LA River/ Taylor Yard G2 Projects

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Engineering is leading the effort to develop the City's new, 42-acre parcel along LA River

First project on G2, Paseo del Rio, will create a boardwalk for people to access the LA River

Secondly, there will be two Prop O Water Quality projects

Overall, the projects will create unique public open space activities, address clean water goals, and support habitat on the site.

Expected budget - \$250 million or more



Bureau of Engineering

Active Projects

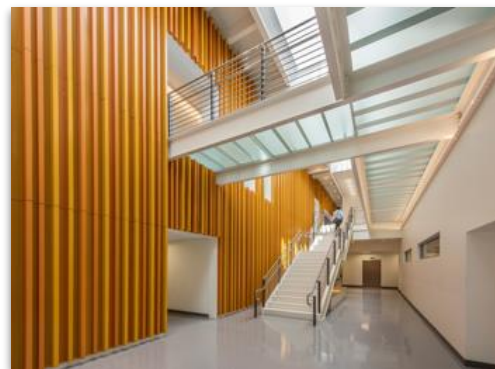
Design and Construction



Public Buildings & Open Spaces Program

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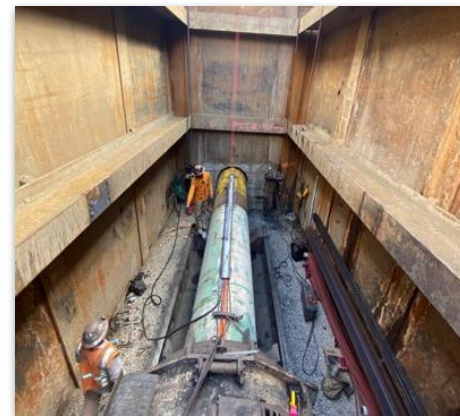
68 active projects in design totaling \$955 million
38 projects in construction totaling \$258 million



Clean Water Infrastructure Program

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139 active projects in design totaling \$2.20 billion
65 projects in construction totaling \$676 million



Mobility Program

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85 active projects in design totaling \$661 million
33 projects in construction totaling \$679 million

- Bridge Improvement Program
- Streets Improvement Program
- Sidewalk Repair Program



Bureau of Engineering

Upcoming Opportunities



Upcoming DESIGN Opportunities

Public Buildings & Open Spaces

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- **Sepulveda Basin Master Plan**
 - Winter 2021/22
 - Planning and design scope
 - On-call list not yet determined
- **Southeast Street Services and Recreation and Parks Yard**
 - Winter 2021/22
 - 63,000 sq ft StreetsLA Maintenance Facility
 - Planning and design scope
 - Architectural On-call
- **Asphalt Plant I, Phase II**
 - Winter 2021/22
 - Design/Build Procurement based on Schematic Design
- **Slauson Connect**
 - Spring 2022
 - 20,000 sq ft work resource and training center
 - Design/Build Procurement based on Design Development Drawings

Upcoming DESIGN Projects

Clean Water Infrastructure

- **Terminal Island Water Reclamation Plant - Service Maintenance & Warehouse Facility**
 - Early 2022
 - Predesign, Design, Design Support During Construction
 - Wastewater and Environmental On-Call

- **Wilmington Neighborhood Greening**
 - Spring 2022
 - Predesign, Design, Design Support During Construction
 - Wastewater and Environmental On-Call

Upcoming DESIGN Projects

Clean Water Infrastructure

- **Oro Vista Local Urban Area Flow**
 - Early 2022
 - Predesign, Design, Design Support During Construction
 - Wastewater and Environmental On-Call
- **LA River Low Flow Diversion - Compton Creek**
 - Spring 2022
 - Predesign, Design, Design Support During Construction
 - Wastewater and Environmental On-Call
- **Sewer Engineering Support (WCED)**
 - Summer 2022
 - Support for design of wastewater conveyance facilities
 - Wastewater and Environmental On-Call
- **Sewer Construction Management Support (WCCD)**
 - Summer 2022
 - Support for construction management of wastewater conveyance facilities
 - Wastewater and Environmental On-Call

Upcoming DESIGN Projects

Clean Water Infrastructure

- **Treatment Plant Project Management/Process Engineering Support**
 - Summer 2022
 - Support City's PM/process engineering of wastewater treatment facilities
 - Wastewater and Environmental On-Call
- **Treatment Plant Design Engineering Support**
 - Winter 2022/23
 - Support for design of wastewater treatment facilities
 - Wastewater and Environmental On-Call
- **Treatment Plant Computer Aided Drafting & Design (CADD) Support**
 - Summer 2022
 - Predesign, Design, Design Support During Construction
 - Wastewater and Environmental On-Call
- **Treatment Plant Construction Management Support**
 - Fall 2022
 - Support for construction management of wastewater treatment facilities
 - Wastewater and Environmental On-Call

Upcoming DESIGN Projects

Mobility Program

- **Federal Infrastructure Bill - Bridges**
- **Sidewalk Repair Program - PM/CM Support**
 - Winter 2021 Advertisement
 - 3 year duration
 - Civil Engineering Services list
- **Affordable Housing and Sustainable Communities (AHSC) Round 6**
 - February 2022 Anticipated Advertisement
 - Planning and Design Scope
 - Civil Engineering Services list
- **Active Transportation Program (ATP) Cycle 5**
 - ATP 5 - Panorama City Elementary School
 - ATP 5 - Carver Middle School
 - March 2022 Anticipated Advertisement
 - Planning and Design Scope
 - Bridge Design Services list

Upcoming CONSTRUCTION Projects

Mobility Program

- **Exposition - West Bikeway - Northvale Segment Project**
 - Summer 2022 Anticipated Advertisement for Design Support During Construction
 - \$12.5 million
- **Glendale-Hyperion Bridge Over the LA River Project**
 - Fall 2022 Anticipated Advertisement for Design Support During Construction
 - \$62.7 million
- **Alameda Street (Harry Bridges to Anaheim) Widening Project**
 - Fall 2022 Anticipated Advertisement for Design Support During Construction
 - \$16.0 million
- **Sixth St. Viaduct PARC**
 - Fall 2022 (Advertise Spring 2022)
 - \$ 24.8 million

Bureau of Engineering

Working with BOE

Design and Construction



Two Types of Contracts

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Standard

Pre-Qualified On-Call

Types of On-Call Consultants

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- Architectural Design Services
- Bridge Design Services
- Civil Design Services
- Geotechnical Design Services
- Landscape Architectural Design Services
- Environmental Documentation Services
- Real Estate Design Services
- Wastewater and Environmental Engineering Services

www.eng.lacity.org/consultants

Upcoming Pre-Qualified On-Call Contracts

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PQOC Architectural Services

Expires September 2024

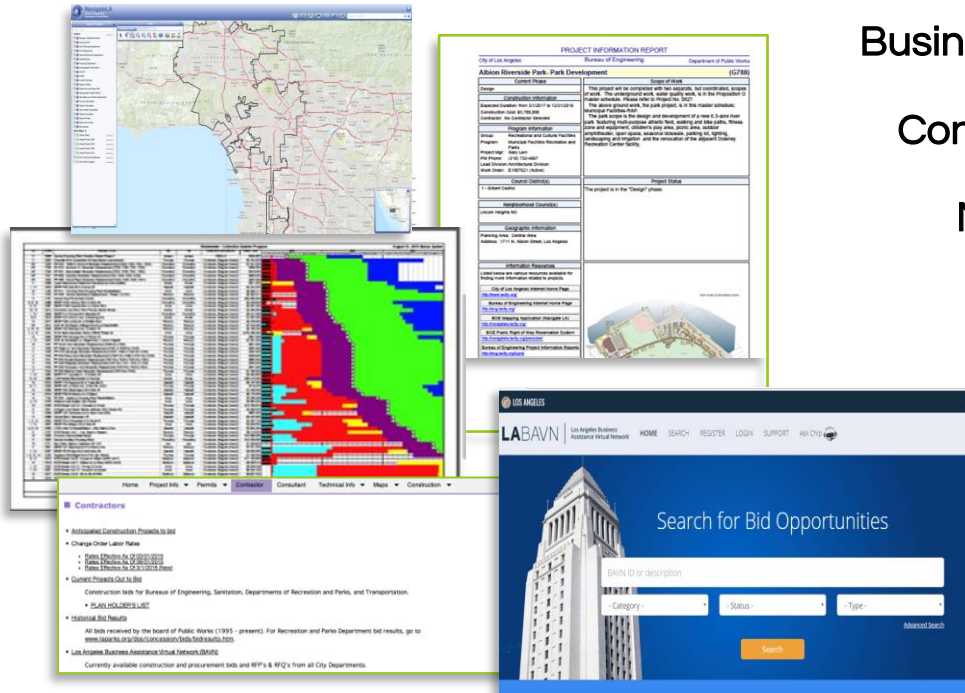
PQOC Civil Engineering (Street Improvement) Services

Expires October 2024

PQOC Bridge Design Services

Expires November 2024

Helpful Tools on Engineering's Website



Business Assistance Virtual Network (BAVN)

Consultant and Contractor Lists

NavigateLA Mapping

Permit Information

Uniform Project Reporting System

Master Schedules

Helpful Links / Master Schedules

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eng.lacity.org

Services



2019-2021 Strategic Plan

The Bureau of Engineering's new three-year plan to transform Los Angeles into the world's most livable and resilient city.



Permits & Services

Information and applications for permits and development services available in the Bureau of Engineering.



Contractors

Information about pre-qualified consultants and anticipated construction projects in the Bureau of Engineering.



Consultants

Information about consultants.



Project Information

Detailed project reports and contact information for all active Engineering projects.



Technical Information

Information about Engineering's technical documents and access to the [Engineering Vault](#).



Mapping Tools

List of available mapping tools including NavigateLA, Public Way Reservation System (PWRS) and others.



City of Los Angeles
Department of Public Works
BUREAU OF ENGINEERING

MASTER SCHEDULES

Bridges, Sidewalks and Streets

[Bridge Improvements](#) (last modified 5/19/2021)

[Streets](#) (last modified 10/4/2021)

Municipal and Recreational Facilities

[Municipal Facilities - Architect](#) (last modified 10/13/2021)

[Municipal Facilities - Recreation and Parks](#) (last modified 10/13/2021)

Sewers

[Wastewater Collection](#) (last modified 11/9/2021)

Water Quality and Storm Water

[Stormwater Conveyance](#) (last modified 10/27/2021)

[Water Quality](#) (last modified 10/15/2021)

Water Reclamation Plants

[Wastewater Treatment Plant](#) (last modified 10/27/2021)

Master Schedules

Select link to [search Program Master Schedules](#).

Or go to: www.boe.lacity.org/uprs/masterSchedule

BAVN

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The screenshot shows the LABAVN website interface. At the top, there is a navigation bar with the LABAVN logo and the text "Los Angeles Business Assistance Virtual Network". The navigation menu includes links for HOME, SEARCH, REGISTER, LOGIN, and SUPPORT, along with a "Chat with Chip (beta)" button. The main content area features a large blue banner with the text "Search for Bid Opportunities" and a search form. The search form includes a large text input field, three dropdown menus for "Category", "Status", and "Type", and a "Search" button. Below the search form, there is a "Join BAVN to work with the City of Los Angeles and find unique opportunities for your business." section with a "Register" button and a link for "Already registered? Login". At the bottom, there is a table listing bid opportunities.

NO.	OPPORTUNITY	ID	POSTED	BID DUE	STATUS
1.	3081112 Parts, Scuba, Atomic Aquatics General Services	30158	11:00am	05/15/17	Open
2.	VFD Drive, PowerFlex 753 General Services	30159	10:00am	05/16/17	Open

- Get Certified as MBE, WBE, SBE, DVBE, LGBTBE
- Get correct Classification of NAISC code

www.LABAVN.org

BuildLA

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BuildLA is a project to centralize all development services for LA, such as zoning, entitlement, plan check, and permitting to improve how the City of Los Angeles works with the public.

Goal is to make services more accessible and understandable.

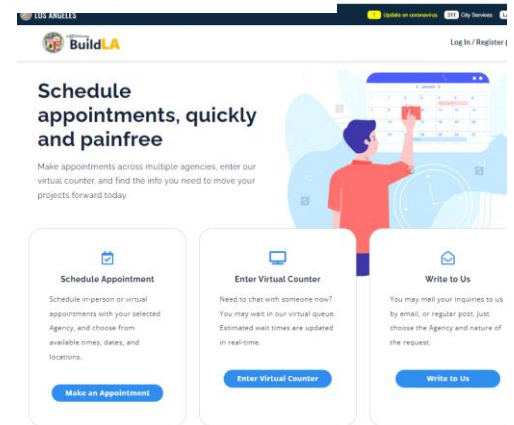
Current components of BuildLA being implemented are:

- Angeleno accounts for single login across departments <https://www.lacity.org/AngelenoConnect>
- Development Services Appointment System soon at <https://appointments.lacity.org>



Get Connected to Everything LA Has to Offer

Angeleno Connect is the City of Los Angeles' new Web 2.0 system of City websites, services, and businesses to allow participants to interact digitally with the City. This program is a result of a long-term strategic plan to improve the City's services and ensure that the City is able to better connect and address the needs of our residents.



Outreach Events

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Regular events held throughout the year by Bureau of Contract Administration, Mayor's Office and Council offices to help firms navigate City contracting opportunities

Interested? Register with BAVN!



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THURSDAY, JULY 2, 2020 AT 3:30 PM - 4:30 PM

Navigating City Contracting Opportunities Virtual Workshop

Online Event



Thank you!

Questions/Comments?

