

# Public Works

713.953.5200  
LJA.com

**LJA**  
**PUBLIC WORKS**

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# Public Works

Building, maintaining, and redeveloping public assets that sustain the communities around us is a primary focus of our Public Infrastructure sector. These vital projects represent a major investment of public funds and can impact mobility, connect people, provide economic stability, and fuel growth. We work collaboratively with our public sector clients to ensure that each project is viable and successful. Whether it be the roads and bridges that keep us moving, ensuring safe water for our neighborhoods, or analyzing, planning, and designing systems that you may never see, keeping water, traffic, and people on the go is our priority.

## Transportation

Our over 50 years of experience has taught us that integrating innovative engineering with the future of transportation and roadway technology is an ever-evolving challenge. Our experience touches every facet of the comprehensive planning, design, and cutting-edge technology that drives transportation and keeps people on the move where they live, work, and play.



## Public Works

Our experience includes general engineering consultation, studies, capital improvement planning, program/construction management, and public/private partnerships. We solve the most vexing challenges for water and wastewater lines and treatment plants, pump stations, drainage facilities, roadways, recreation facilities, and other municipal development.

## Flood Control and Drainage

Movement, conveyance, and quality of water is adeptly addressed by our flood control and drainage team offering initial feasibility studies and master planning, along with design and construction administration services for surface water and flood protection to our public clients.



## Water/Wastewater

Our design experts work continually to create solutions for our clients that address regulatory and operational requirements and the resulting impacts to the water supply while minimizing disruption of service and assuring systems remain cost effective. We offer reliable water and wastewater design and management.

## Electrical

Our electrical/instrumentation/control (EIC) systems are designed as specified and integrated into the associated facility EIC system for smooth start-up operations. Start to finish, our team provides complete engineering services for the most complex of projects.

## Subsurface Utilities Engineering

Locating, identifying, and mapping underground conflicts at the onset of a project is vital to minimizing conflicts during construction. Our experience in the collection and depiction of subsurface utility data allows us to develop a plan for removal, relocation, repair, and/or accommodation.

## Authorities

Authorities are public agencies created specifically to sustain, preserve, maintain, operate, and/or develop and implement long-term, regional projects for the public good. Our decades of experience working with these entities helps them bring their large-scale strategies to reality.

## Construction Services

We provide construction scheduling, management, and inspection services for streets, bridges, highways, drainage, pipeline, wet/dry utilities, and industrial projects. Engineering and construction services teams work seamlessly together to enhance project understanding, reduce delays, and ensure construction complies with specification requirements.



## GIS

LJA has mastered the best way to gather, manage, and utilize powerful points of data for our clients. We provide daily mapping, project support, aerial and data delivery, and project organization of assets and documents. LJA's proprietary and exclusive tools, LUKE®, MS4web 2.0™, and Discovery™, are at the ready to assist our clients.

## Environmental & Coastal

We develop strategic programs that satisfy applicable regulations and permitting requirements while improving a community's environmental resources. We also help clients maintain, restore, and preserve infrastructure to keep our coastlines and waterways safe and thriving for generations to come.

## Surveying

Every project begins and ends with surveying. Where you start and how you finish — and who you hire — matters. We maintain the highest level of quality in our surveying services to achieve excellence and accuracy every time.