

PROJECT SPOTLIGHT TOUR: LANGAN LEADER, AUGUST 2018



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Learn more about Langan's involvement in our featured projects.

Bridesburg Riverfront Park - Philadelphia, PA
Environmental Compliance Software Design & Implementation - Louisiana
Jaguar Land Rover North America Headquarters - Mahwah, NJ
Flower Mart (5th and Brannan) - San Francisco, CA
NYCSCA PS 50Q Addition - Jamaica, NY
Rise at Flagler Village - Fort Lauderdale, FL

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BRIDESBURG RIVERFRONT PARK

- Location: Philadelphia, PA
- Client: Delaware River City Corporation (DRCC) , Philadelphia
Department of Parks and Recreation (PPR)
- Partner: Locus Partners
- Services: Site/Civil, Geotechnical, Traffic & Transportation, Landscape
Architecture

OVERVIEW

Part of a large redevelopment initiative for Philadelphia's North Delaware Waterfront, the Bridesburg Park will occupy a 10-acre former brownfield site. The park will be reconfigured, removing hardscape and installing greenscape to better suit the public space's design and purpose. The Langan team was well acquainted with the environmental and geotechnical challenges due to our prior history with the site. We helped guide the landscape design, and led the design of the improved connector street to incorporate a parallel multi-use trail, green stormwater infrastructure, and safer pedestrian crossings and bump-outs.

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ENVIRONMENTAL COMPLIANCE SOFTWARE DESIGN & IMPLEMENTATION

Location: Louisiana
Client: Confidential
Partner: Jacobs
Services: EHS Management & Compliance

OVERVIEW

Langan is designing and implementing an environmental compliance and audit/inspection information management system using the Enablon software platform. This system will help the client manage their compliance requirements related to air and water permits and regulations. The system will also be used for the client's environmental and health and safety auditing and inspection programs.

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JAGUAR LAND ROVER NORTH AMERICA HEADQUARTERS

Location: Mahwah, NJ
Client: Jaguar Land Rover North America, LLC
Architect: Gensler
Partner: Jones Lang LaSalle (LLC)
Services: Site/Civil, Environmental, Landscape Architecture,
Surveying/Geospatial, Traffic & Transportation

OVERVIEW

Jaguar Land Rover North America's new headquarters is currently located on the 13-acre, former Sharp facility. This project included the renovation of the existing building and addition of the 30,000-SF development center. Langan has provided comprehensive site/civil, geotechnical, traffic and environmental engineering, surveying and landscape architecture services for this project. Project challenges included working with the Highlands Commission and Township of Mahwah on the overall design, coordinating the electric charging stations in the northern parking lot and managing the expedited schedule through both design and construction.

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FLOWER MART (5TH AND BRANNAN)

Location: San Francisco, CA
Client: Kilroy Realty Corporation
Services: Geotechnical

OVERVIEW

Langan is providing geotechnical engineering services for the historic San Francisco landmark, which will be preserved and redeveloped into a mixed-use space consisting of four to seven structures over one to two basement levels totaling 2 million SF. The mixed-use structures will include office, retail, and/or residential space and below-grade parking. Our team will perform a geotechnical investigation to evaluate subsurface conditions and provide design-level recommendations for the geotechnical and seismic aspects of the design and construction of the proposed buildings. Our seismic team developed site-specific earthquake design criteria as required for the SDRT tall building review process.

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NYCSCA PS 50Q ADDITION

Location: Jamaica, NY
Client: New York City School Construction Authority (NYCSCA)
Architect: Dattner Architects
Partner: Ysrael A Seinuk, DVL Consulting Engineers, MKW + Associates, VJ Associates, Domingo Gonzalez Design, Design 2147
Services: Geotechnical, Site/Civil

OVERVIEW

Langan provided site/civil and geotechnical engineering services for the five-story addition to PS 50 in Jamaica, Queens. The school serves pre-K through fifth grade and special education students, and the addition added 200 seats to the existing 1,921 seat school. The 53,000-SF addition features new classrooms, a library, a cafeteria and a gymnasium. Langan's provided an early works package that included the removal of Temporary Classroom Units (TCU), temporary grading and drainage plans. Site/Civil engineering services included the preparation of construction documents (erosion/sediment control, grading & drainage, utilities and construction details) to support the new building addition. Langan's geotechnical engineering services included evaluation of the subsurface conditions, preparation of the geotechnical engineering report, and geotechnical-related specifications. Langan provided engineering consultation to the design team on foundation-related issues and supplied full construction administration services.

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2018 AIA New York State Excelsior Award of Honor for Public Architecture

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RISE AT FLAGLER VILLAGE

Location: Fort Lauderdale, FL
Client: Encore Capital Management
Architect: Cohen, Freedman, Encinosa & Associates
Partner: CHM Structural Engineers, G.T. McDonald Enterprises
Services: Geotechnical

OVERVIEW

Rise at Flagler Village is a luxury apartment rental development located in downtown Fort Lauderdale. The 238-unit development consists of a 30-story tower with an attached 8-story parking garage with roof-top pool and amenity deck, a fitness center, lounge and garden. The development also includes ground-floor retail space. Langan provided geotechnical engineering services including subsurface exploration, geotechnical engineering study and foundation design recommendations, consultations for dewatering, construction administration and oversight during installation and load testing of pile foundations.

Through a value engineering collaborative effort with the design-development team, Langan was able to provide geotechnical engineering recommendations for a small-diameter, high-capacity augercast pile foundation system for support of the tower and garage. Langan carefully design the pile foundation lengths to reduce cost, allow for faster installation, and reduce the differential settlement between the 30-story tower and the 8-story parking garage.

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