

## RECREATIONAL EXPERIENCE



Technical Excellence Practical Experience Client Responsiveness



## GREEN STREET DOG PARK

Location: Philadelphia, PA  
Client: Spring Garden Community Development Corporation  
Services: Landscape Architecture, Site/Civil, Geotechnical,  
Surveying/Geospatial

### OVERVIEW

Langan provided landscape architecture, surveying, site/civil, and geotechnical engineering services to develop the design, obtain permits, and oversee the construction of a 12,000-SF dog park in the heart of Philadelphia's Spring Garden neighborhood. The design converted an empty, asphalt lot into a dog park that features large open areas, a bull pen entry, synthetic dog turf that allows season-round use with no mud, seating areas, and a landscaped perimeter. Langan also assisted the Spring Garden Community Development Corporation in obtaining a \$300,000 grant from the Pennsylvania Department of Conservation and Natural Resources to defray construction and design costs for the park. You can see more of the park's happy users at #greenstreetdogpark on Instagram.

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## BRIDESBURG RIVERFRONT PARK

- Location: Philadelphia, PA
- Client: Riverfront North Partnership (RNP), Philadelphia Department of Parks and Recreation (PPR)
- Services: Site/Civil, Geotechnical, Environmental, Landscape Architecture, Surveying/Geospatial

### OVERVIEW

Langan is leading a team of designers and engineers who are creating a 10-acre park on a paved brownfield on Philadelphia's Delaware River waterfront. A varied landscape featuring a central lawn framed by an upland meadow, a gravel garden stormwater swale, and riparian plantings will create the setting for park amenities including a stage pavilion, lawn amphitheater, boardwalk, and stage pavilion. Langan's understanding of the site's environmental conditions and regulatory realities guided the park's design and soil-management strategy. Our subconsultants for the project include SITIO Architecture, Ground Reconsidered, O'Donnell and Naccarato, Arora Engineering, Milrose Consultants, and Becker & Frondorf.

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## HERRON PARK

Location: Philadelphia, PA  
Client: City of Philadelphia  
Services: Site/Civil, Landscape Architecture, Natural Resources & Permitting

### OVERVIEW

Langan redesigned an asphalt lot to create a one-acre oasis with a sprayground, electronic play structures, and shaded sitting areas. The project was instrumental in setting the stage for sustainable stormwater management in the city by using raingardens, bioswales, and porous paving to manage the first inch of stormwater and to disconnect over 95% of the stormwater runoff from the city storm sewer system.

### AWARDS

2010 Pennsylvania American Society of Landscape Architects, Honor Award  
2011 American Council of Engineering Companies, Diamond Award

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## THE BOATHOUSE AT CANAL DOCK

Location: New Haven, CT  
Client: New Haven City Plan Department  
Services: Waterfront & Marine, Site/Civil, Geotechnical, Landscape Architecture, Natural Resources & Permitting, Traditional Surveying

### OVERVIEW

Langan was the prime consultant for the state and federally funded Canal Dock project. The project involved the construction of a 48,000-SF pile-supported platform to support a 30,000-SF community boathouse, the stabilization and reconstruction of over 1,500 LF of shoreline, and the revitalization of Long Wharf Park. This rare facility, completed in September 2018, provides a destination and a much needed access to the waterfront for the entire community. Langan began environmental permitting in the early 2000s culminating with obtaining rare state and federal permits to construct a platform over the water. Langan oversaw a multidisciplinary design team, and provided waterfront, geotechnical, and site/civil engineering, surveying and landscape architecture services.

### AWARDS

CREW CT 2018 Real Estate Awards - Best Specialty Project

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## ST. JOSEPH'S UNIVERSITY - SWEENEY FIELD RESTORATION

Location: Philadelphia, PA

Client: St. Joseph's University

Services: Site/Civil, Landscape Architecture, Surveying/Geospatial

### OVERVIEW

Langan provided site/civil, geotechnical, and permitting services for the overall restoration and rehabilitation of the St. Joseph's University Sweeney Field and the surrounding running track. Langan also provided civil and structural engineering services for the expansion of the bleachers and press box. Our team planned the project to eliminate the need for stormwater permitting, prepared restoration plans, and designed drainage improvements to alleviate problematic existing drainage conditions. Additionally, we provided a topographic and utility surveys, drainage investigation and evaluation, and site engineering design and construction documents. The university required a fast-track design and construction schedule in order to accommodate their athletics schedule. Langan administrated the design, bidding, and construction to meet the demanding schedule requirements.

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## DMAVA PARK AND HUDSON RIVER WALKWAY

- Location: Jersey City, NJ
- Client: New Jersey Department of Property Management and Construction
- Services: Landscape Architecture, Environmental, Natural Resources & Permitting, Geotechnical

### OVERVIEW

Langan designed this project for the NJDEP, including 1,600 linear feet of new Hudson River Waterfront Walkway, a new bulkhead and waterfront esplanade, a new timber boardwalk, and a 3-acre park along the Morris Canal Basin, across from Liberty State Park.

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## FRANKLIN D. ROOSEVELT FOUR FREEDOMS PARK

**Location:** Roosevelt Island, NY  
**Client:** Frankling D. Roosevelt Four Freedoms Park, LLC  
**Architect:** Mitchell | Giurgola Architects, Louis Kahn  
**Partner:** Weidlinger Associates, F.J. Sciame  
**Services:** Waterfront & Marine, Land Use Planning, Natural Resources & Permitting, Site/Civil, Geotechnical, Landscape Architecture

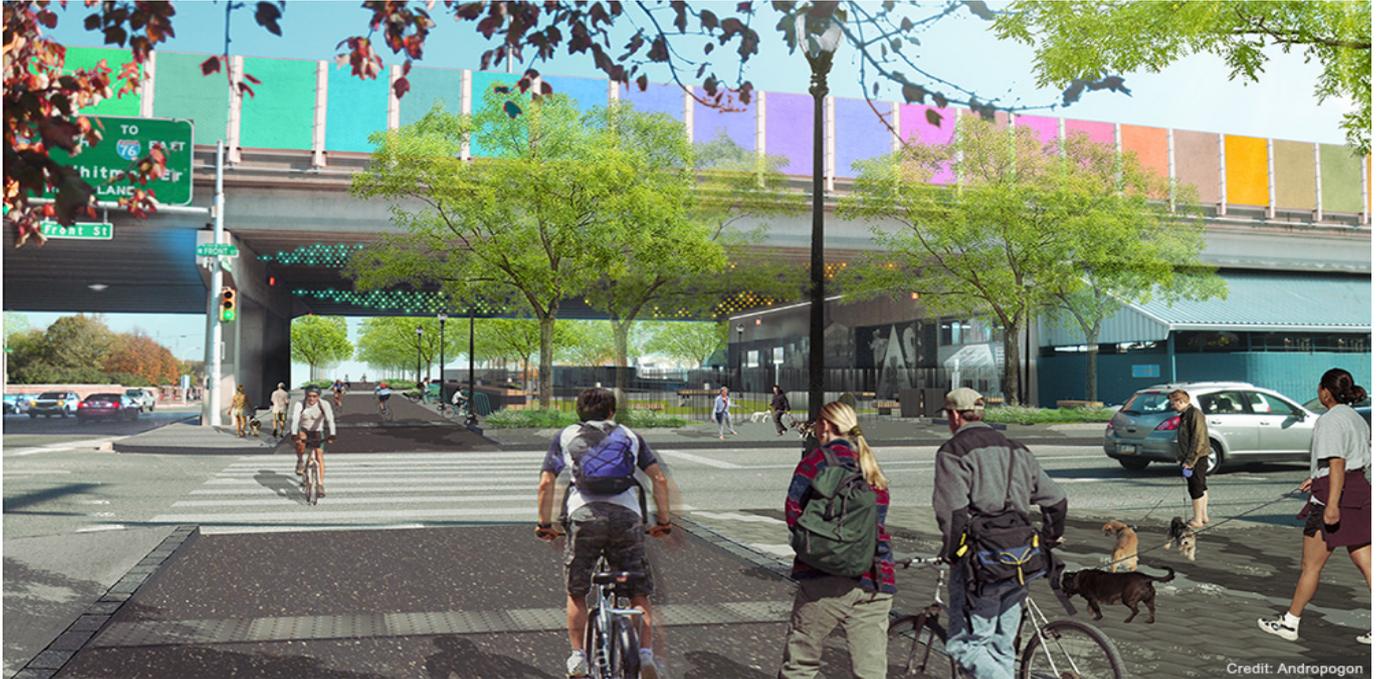
### OVERVIEW

Designed by renowned architect Louis Kahn, the 4.5-acre park and plaza sits at the Island's southernmost point. The site features a landscaped open garden and plaza area for passive public enjoyment, promenade along the East River, forecourt, sculpture court and front plaza overlooking the East River with views of Manhattan, Queens and Brooklyn.

### AWARDS

2013 Engineering News Record Best Project - Merit Award (Landscape/Hardscape/Urban Development)  
2013 American Institute of Architects New York Chapter Design Awards: Urban Design Merit Award  
2013 Municipal Art Society: Brendan Gill Prize  
2013 Travel + Leisure Design Awards: Best Public Space  
2013 American Council of Engineering Companies New Jersey Chapter, Engineering Excellence Awards, Honor

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## WASHINGTON AVENUE CONNECTOR

Location: Philadelphia, PA  
Client: Delaware River Waterfront Corporation  
Architect: Andropogon  
Services: Traffic & Transportation, Site/Civil

### OVERVIEW

The main goal of the Washington Avenue Connector project is to connect Philadelphia's residents to the waterfront by transforming the half-mile stretch of this main urban arterial, from Fourth Street to Columbus Boulevard. Langan provided multiple services for this project, from its early feasibility analysis stages, through conceptual and final design, and into construction. Early on, we led a comprehensive stakeholder and community involvement program for several options that led to the preferred alternative, a Complete Street where the southern half of the right-of-way was converted into a multiuse path, local streets, and pocket parks. During design, Langan managed several permitting packages, including a joint PennDOT Highway Occupancy Permit application with the Delaware River Trail project, a PennDOT Bridge Occupancy License submission for a major lighting installation, and multiple Streets Department and Philadelphia Water Department submissions.

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## SEGER PARK PLAYGROUND

Location: Philadelphia, PA  
Client: Friends of Seger Park Playground City of Philadelphia,  
Department of Public Property  
Services: Site/Civil, Landscape Architecture

### OVERVIEW

The design of the Seger Park Playground started as a community-led design initiative that evolved into a public/private partnership between the Friends of Seger Park and the City of Philadelphia. Langan worked with the Department of Public Property and the private, non-profit Friends group to help leverage investments that resulted in a 70% increase in funding for improvements in this historic and beloved public space. Langan also helped facilitate public meetings to gather input, promote funding opportunities, and build a consensus for the park restoration plans. The design preserved historic park elements such as the large London Plane trees and wrought-iron fence while incorporating age-specific playground elements and site features that encourage activity and exploration.

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NEW JERSEY NEW YORK CONNECTICUT MASSACHUSETTS PENNSYLVANIA OHIO VIRGINIA FLORIDA TEXAS ARIZONA COLORADO  
WASHINGTON CALIFORNIA ATHENS CALGARY DUBAI LONDON PANAMA



## SOUTHWEST PARK

Location: Hoboken, NJ  
Client: City of Hoboken  
Architect: Starr Whitehouse  
Services: Site/Civil, Environmental, Geotechnical, Natural Resources & Permitting, Landscape Architecture

### OVERVIEW

Southwest Park is a new one-acre city park that incorporates the delay and store components of the Rebuild by Design approach. Following the city's Green Infrastructure Strategic Plan, Langan designed and prepared the stormwater management for this park. We designed a system to hold the equivalent of a 10-year storm volume through green stormwater infrastructure components, including bioswales and rain gardens to mitigate existing flooding within this area of the city. Langan is the Licensed Site Remediation Professional for the project and has provided the necessary environmental controls while maintaining the design intent. Langan has also provided geotechnical engineering services and worked with the team to provide cost effective design alternatives by incorporating light-weight fill material to eliminate the need for piles.

### AWARDS

USGBC NJ Award - Innovation and Sustainability Best Practices

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## RUTGERS UNIVERSITY - LIVINGSTON CAMPUS MALL

Location: Piscataway, NJ  
Client: Rutgers University  
Services: Landscape Architecture, Surveying/Geospatial, Site/Civil

### OVERVIEW

The Livingston Campus Mall project redesigned a 1.5-acre promenade through the center of this Rutgers campus. The mall serves as the primary pedestrian connection for residence, classroom, library and dining facilities. The west end of the mall was integrated with the new Livingston Campus Student Center. To develop a unified design, Langan worked with key campus staff to conceptualize a design theme of small plazas connected by the cohesive paving patterns of proposed walkways.

### AWARDS

New Jersey ASLA Award

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## BLUE BACK SQUARE

Location: West Hartford, CT  
Client: Blue Back Square Development  
Services: Site/Civil, Traffic & Transportation, Environmental,  
Geotechnical, Landscape Architecture, Traditional Surveying

### OVERVIEW

This urban mixed-use redevelopment is the centerpiece of two large city blocks, providing retail, office, residential and municipal space within the existing town center. It includes the regeneration of a brownfield site, expansion of civic facilities and public open-space, a mix of large and small format retail shops, two municipal parking garages, restaurants, professional and medical offices, a health club, and residential condominiums and apartments.

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