



JERSEY PRECAST

Engineering, Manufacturing,
Delivery and Installation of Precast,
Prestressed Products.



JERSEY PRECAST is one of the largest producers of precast and pre-stressed products in the NY metropolitan area. Over the past 40 years, Jersey Precast has been servicing the public sector infrastructure projects from Boston to Virginia and has provided quality and innovative solutions to the precast needs on a variety of projects for almost every public agency in the area.

OUR MISSION STATEMENT

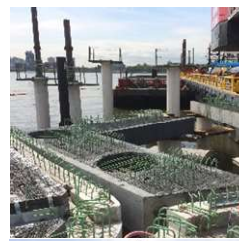
Customer satisfaction and employee empowerment are the cornerstone of our corporate philosophy. We are committed to providing a work environment that promotes safety, employee welfare, and growth opportunities.

This can only be accomplished through continued growth fueled by innovation, hard work and a firm commitment to fulfill our quality and delivery obligations to our customers.

Product Types



Prefabricated Bridge Units



Marine Structures



Railroad Stations



Parking Garages



Stadiums



Insulated wall panels



Bridge Girders



Architectural Precast



Segmental Units



Barriers

ENGINEERING

The fabrication facilities are backed up by a strong team comprising of in-house engineers, CAD and 3D BIM modeler using AutoCAD, Revit, TEKLA and other software. In house detailing team enables us to provide significant support to designers and resolve any design related issues.



STORAGE

In addition to plant storage, Jersey Precast has multiple remote storage.

- 1 - Yardville, NJ 7+ Acres
- 2 - Trenton, NJ 5+ Acres



LOGISTICS

Jersey Precast owns and operates a fleet of about 18 Trucks and over 150 Trailers.



WHY JERSEY PRECAST

Jersey Precast has been involved in and has successfully completed a long list of time critical and compressed schedule projects. We understand the nature of the project and firmly believe that our experience with such projects and the wide array of services that we provide in-house puts us in a unique position to deliver this project on time and on budget.

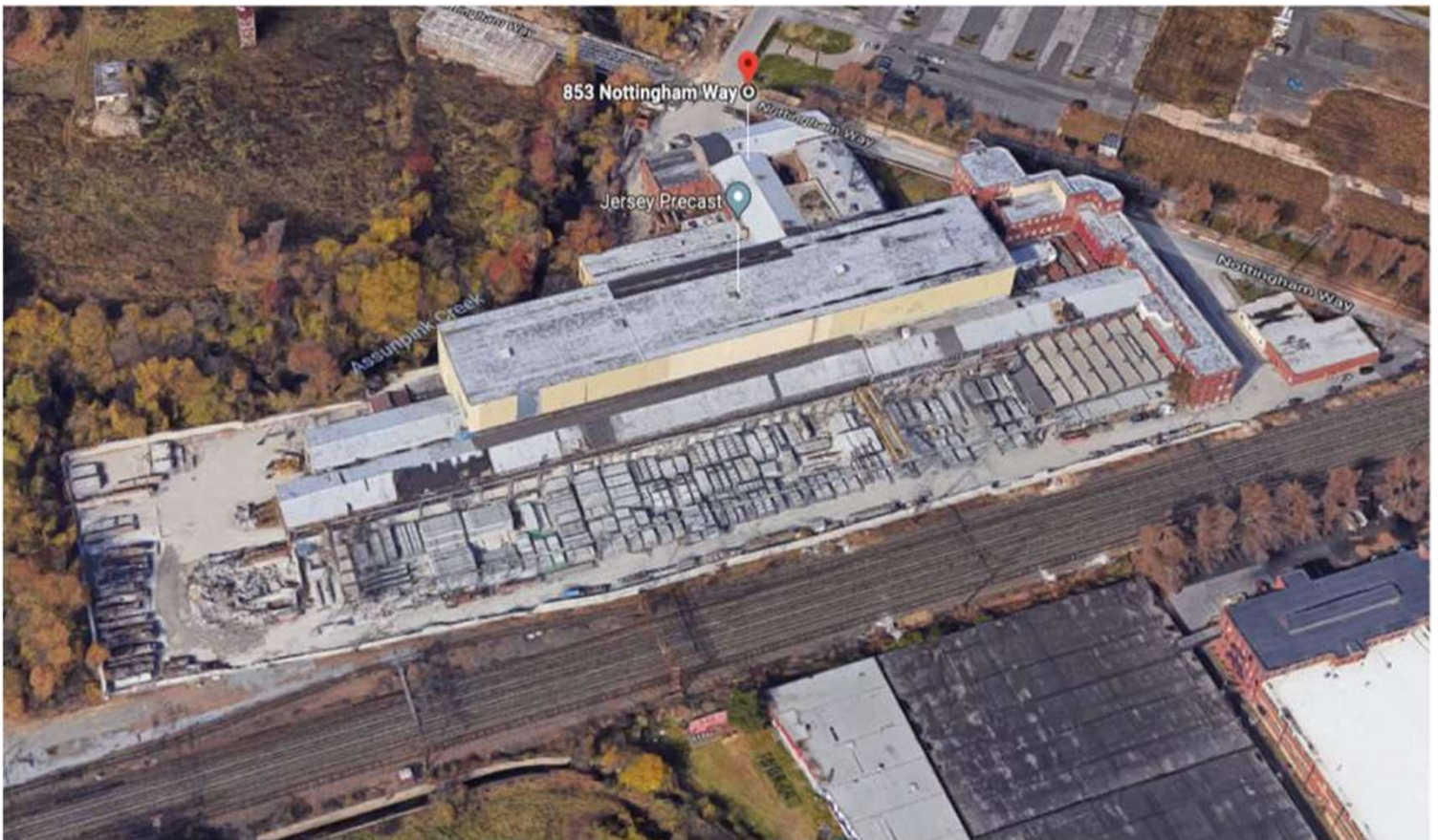
JPC's considerable physical resources afford us the ability to accelerate and overcome any unforeseen disruptions. Last but not the least, our project centric approach prioritizes the successful completion of the project above any other competing objectives. This has resulted in a long list of satisfied and repetitive customer base in the region.

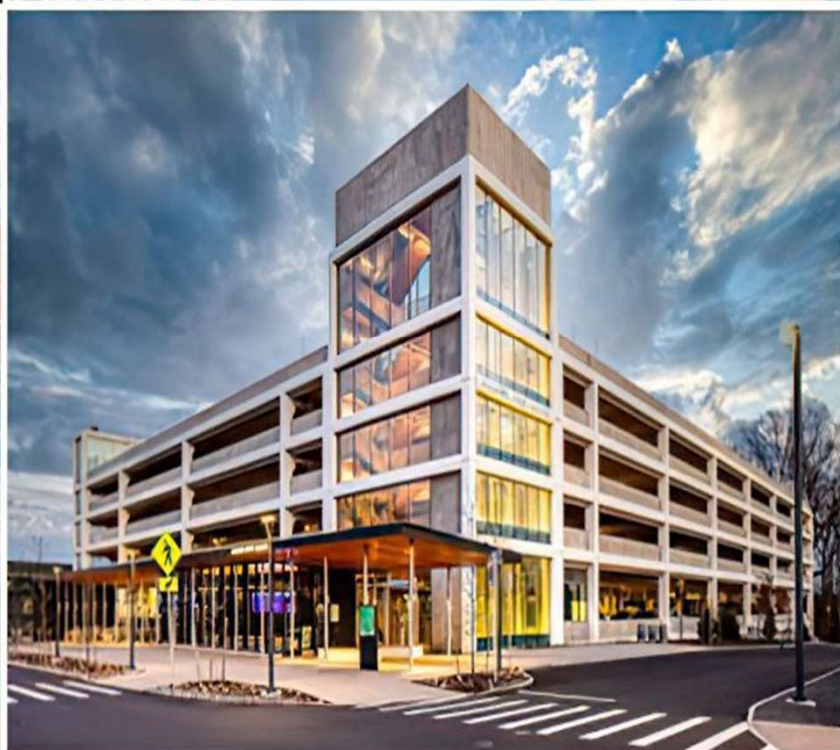
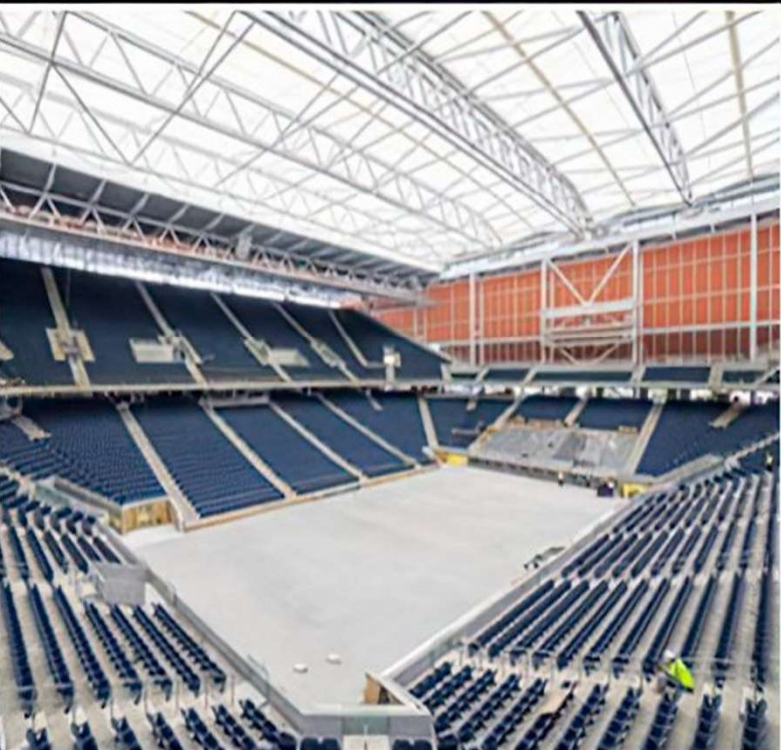
PRODUCTION FACILITY

Jersey Precast operates manufacturing facility Hamilton, NJ comprising over 15 acres and 200,000 sft. of indoor manufacturing space with overhead cranes ranging in size up to 50 tons where precast units weighing up to 100 tons are routinely handled.

Our indoor manufacturing facility affords us the ability to produce year-round without weather related interruptions. This is of tremendous value on large, time sensitive projects.

HAMILTON TWP, NJ





FEATURED

PROJECTS

LAGUARDIA AIRPORT WEST GARAGE

Location

NYC, New York

Owner

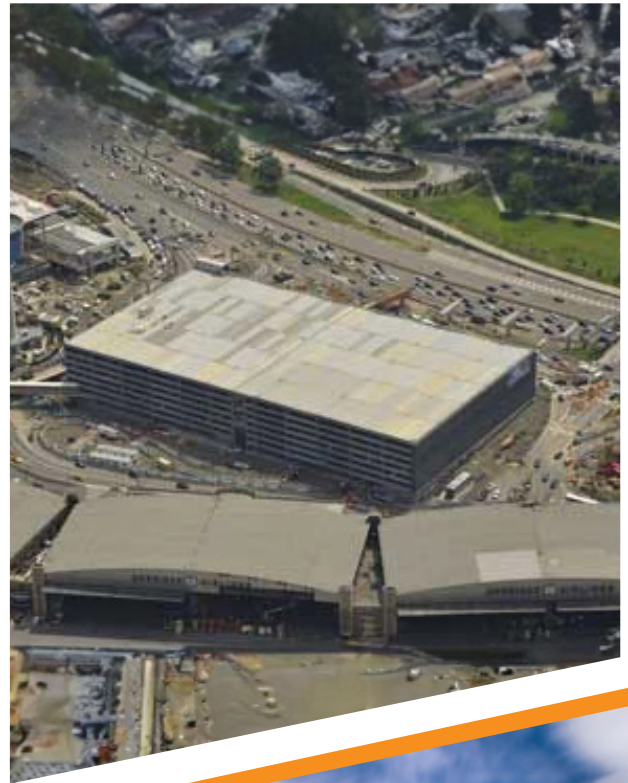
PANYNJ

GC / CM

Skanska Walsh JV

Description

Progressive collapse design and unique H shaped moment frame a monolithic form of column and IT girder / Spandrel.





STADIUM DRIVE GARAGE

Location

Princeton, NJ

Owner

Princeton University

GC / CM

Whiting Turner

Description

Overall structure comprises of more than 1,300 pieces. Unique features includes 17ft tall K-frame on ground level, white facade beam all around the spandrels and for sustainability use of CarbonCure's CO₂ utilization in fresh concrete to reduce carbon footprint.



CHRISTIAN STREET GARAGE AND LANCASTER PUBLIC LIBRARY

Location

Lancaster, PA

Owner

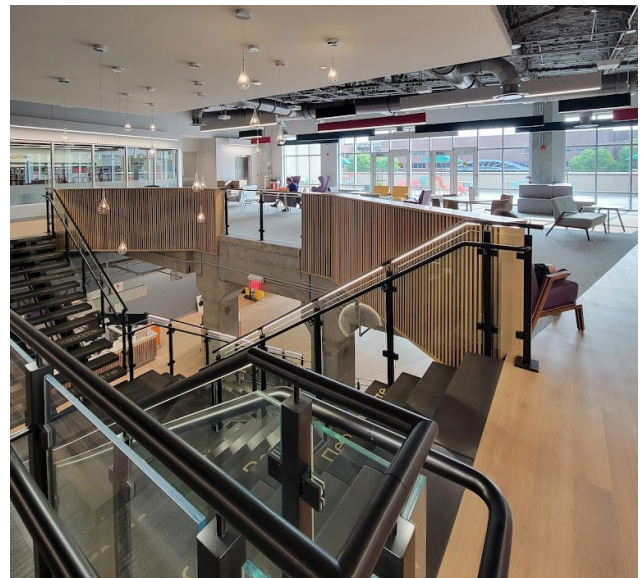
Lancaster Parking Authority

GC / CM

Benchmark Construction

Description

This project consists of seven supported levels with two bottom levels for public library. Jersey Precast provided design assist services, fabrication and installation of precast elements including decking, columns, spandrels, curtain walls and precast / prestressed beams.





NORTH 4TH STREET PARKING GARAGE

Location

Easton, PA

Owner

Easton Parking Authority

GC / CM

Perrotto Builders LLC

Description

Overall structure comprises of more than 500 precast pieces. Installation was a challenge with narrow streets and jockeying pieces on time. Unique feature of this garage is the full height thin brick facade panels

CCIA ROWAN HEALTH SERVICES PARKING GARAGE

Location

Camden, NJ

Owner

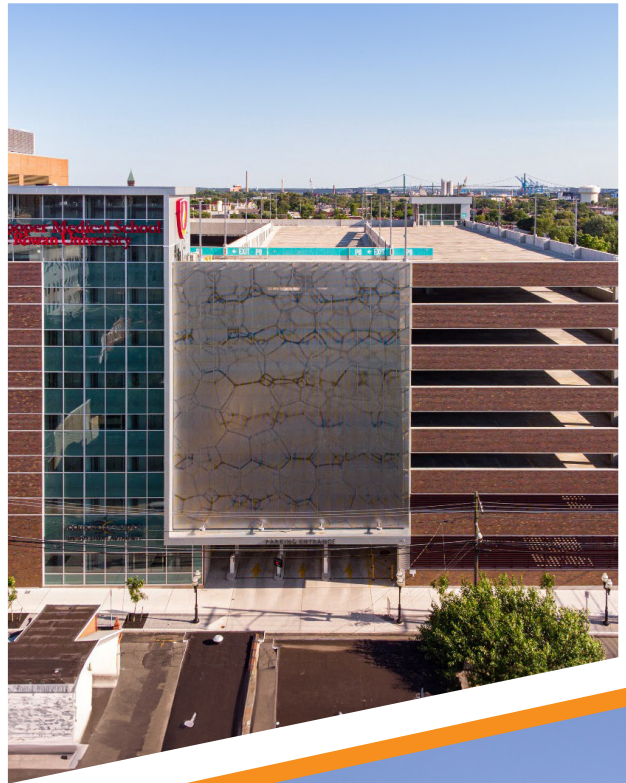
Camden County Improvement Authority

GC / CM

Epic builds

Description

An Eight level parking garage with a parking capacity of 1,025 Cars. Exterior of the garage is colored concrete with sand blast finish and thin bricks. Overall structure is comprised of about 930 precast units





HARRISON COMMONS PARKING GARAGE

Location

Harrison, NJ

Owner

Iron State Development

GC / CM

KL Masters previously Katerra

Description

Seven level parking garage for multi-family. Garage is enclosed from two sides and has ledge beam with barrier cable railing on open sides to achieve the openness criteria.



SEPTA WAWA PARKING GARAGE AND TRAIN STATION

Location

WAWA, PA

Owner

SEPTA

GC / CM

Walsh

Description

A two-story parking garage structure & train station platform planks were supplied by Jersey Precast. Parking Garage is designed for Bus loading. Major challenge was installation of the garage with live stream flowing underneath.





UNION CITY BOE PARKING GARAGE

Location

Union City, NJ

Owner

Union City Board of Education

GC / CM

Dobco Inc.

Description

A six-level parking garage with a parking capacity of 433 Cars. Jersey Precast fabricated and delivered all the components to job site. Exterior of the garage is colored concrete with sand blast finish and full bricks



SOUTH MOUNTAIN RECREATIONAL FACILITY PARKING GARAGE

Location

West Orange, NJ

Owner

Essex County

GC / CM

DMD Contracting

Description

This is a Parking facility for Turtle Back Zoo's 5 Level garage and has a capacity of around 500 cars. Overall structure is comprised of about 330 precast units





QUEST DIAGNOSTICS PARKING GARAGE

Location

Clifton, NJ

Owner

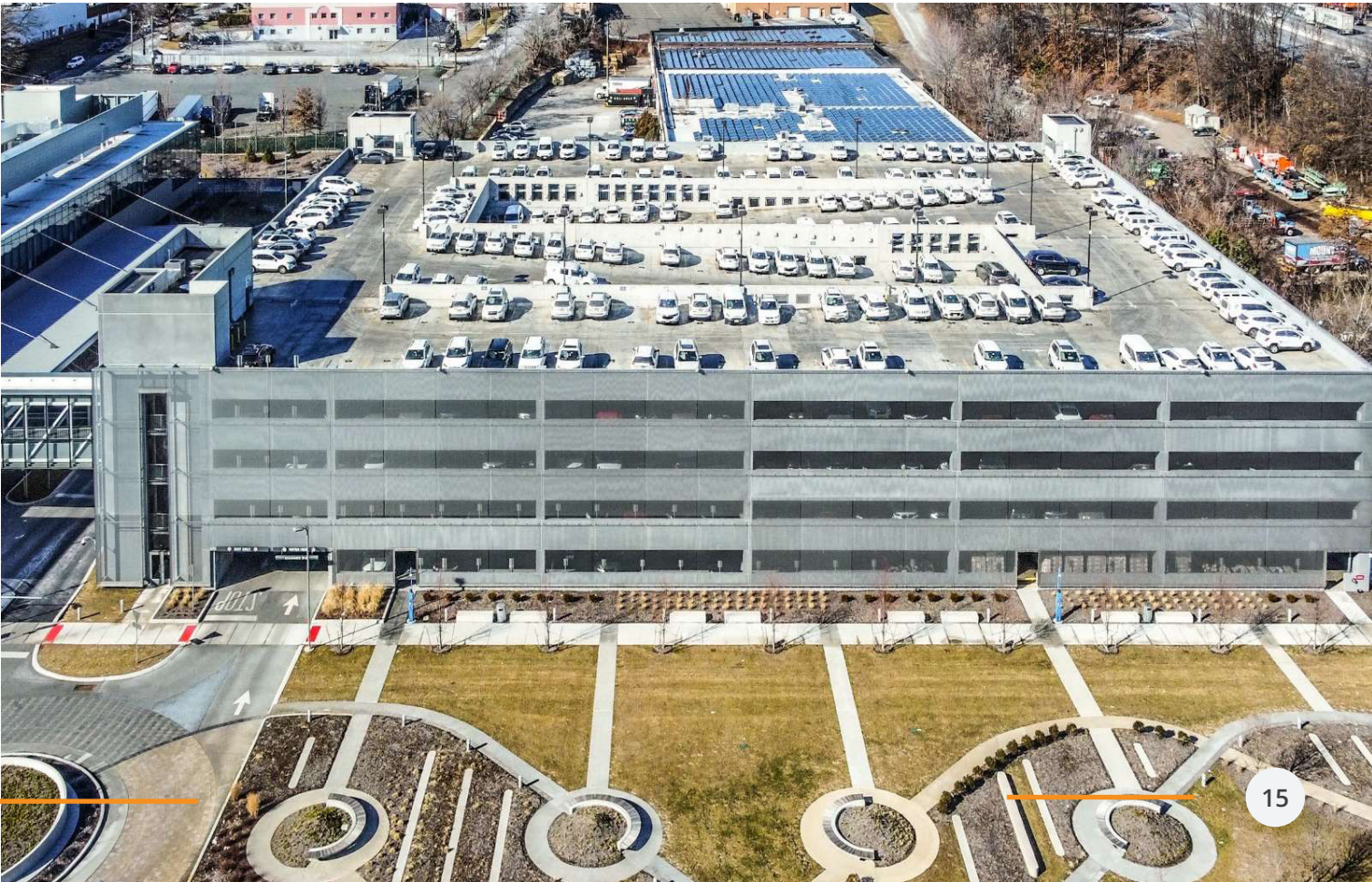
Quest Diagnostics

GC / CM

Gilbane

Description

5-level garage with a capacity of over 1000 Cars. Overall structure comprises of more than 700 precast pieces. Unique feature of this garage is the elevator tower connected to the building comprises of insulated panels.



VAN VOOREN TOTAL PRECAST

Location

Oakland, NJ

Owner

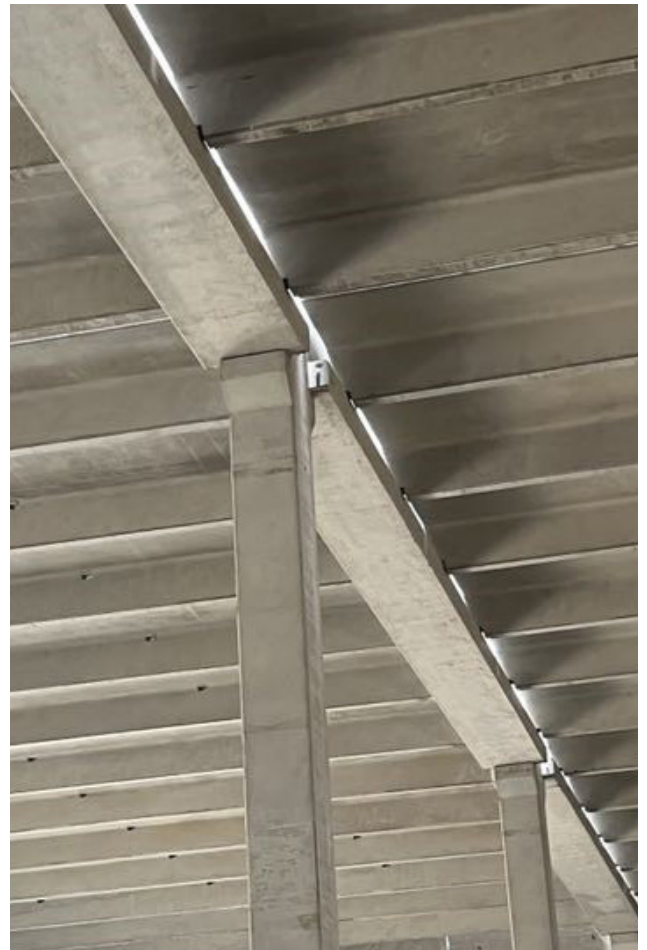
Garden State Realty

GC / CM

DMD Contracting

Description

This design approach can take several forms, including precast columns and beams with panelized cladding or load-bearing precast walls and double-tee beams for roof. Its advantages include less maintenance compared to other building materials, fewer trades to coordinate with during construction, overall construction speed, all-weather construction, and contributing towards Sustainability





287 ELIZABETH WAREHOUSE

Location

Somerset, NJ

Owner

Brookfield Real Estate

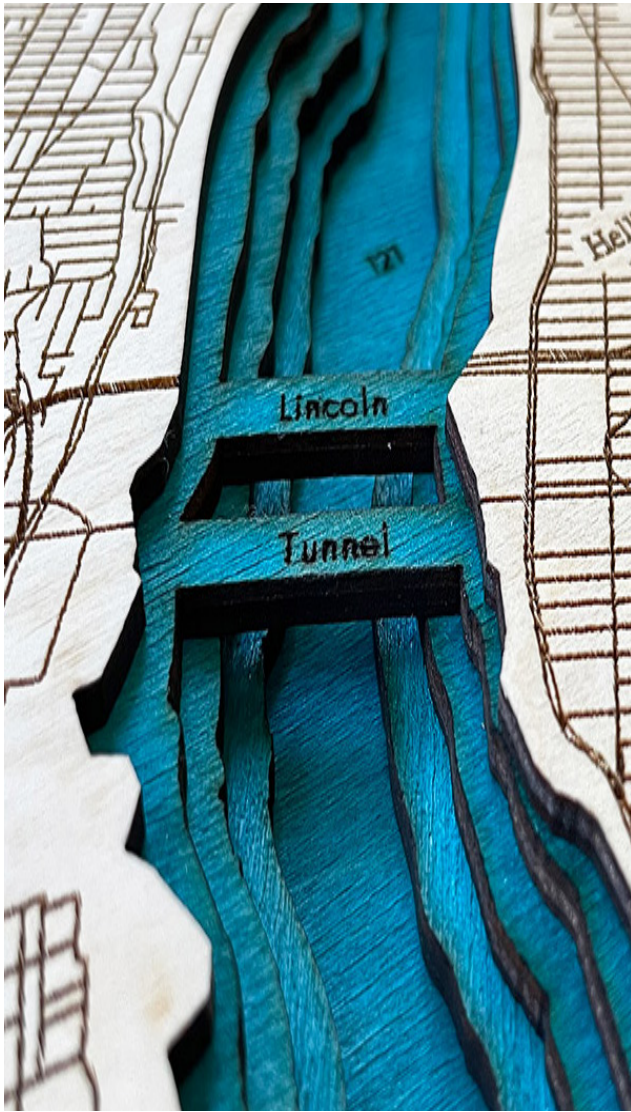
GC / CM

Irwin & Leighton

Description

Sandwich wall panels contain a low-density insulating core sandwiched between two layers of concrete. The insulating core can be XPS (Extruded Polystyrene) or EPS (Expanded Polystyrene) depending upon the required thermal performance or R-value. This project had 3.5"-4"-3.5" sandwich configuration with 4inch EPS insulation achieving building R value of 20.





PATH LINCOLN TUNNEL EROSION

Owner
PANYNJ

GC / CM
Weeks Marine Kiewit JV

Description

Approx. 300 concrete erosion control mats around 100' x 100' & 100 tons each. The project involved procurement of a custom designed travelling gantry to carry the pieces with substantial catenary loads

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ERIE AVENUE WAREHOUSE

Location

Phildelphia, PA

Owner

Crown 95

GC / CM

IMC Constrcuton

Description

ERIE AVENUE WAREHOUSE was a design-build job of 83,770 sft. of Insulated Wall Panel. The project involved the fabrication and erection of the wall panels. Project was located in an area with narrow streets and JPC delivered panels 54ft long x 13'-6" wide



BAPS PHASE 7 BUILDING

Location

Robbinsville, NJ

GC / CM

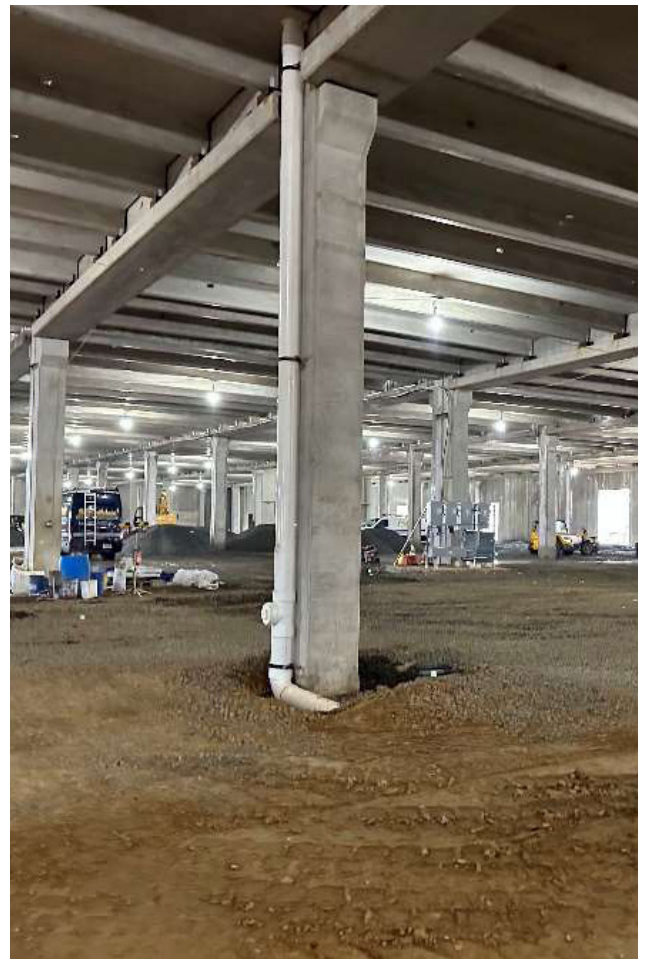
SCI Group

Owner

BAPS Northeast Development Inc.

Description

BAPS was a unique project which involved converting steel building with stones on the façade to be converted into Total Precast Building improving project schedule and cost





BLACK CREEK NEWARK

Location

Newark, NJ

Owner

Black Creek Group

GC / CM

PDB Group

Description

This project had an expedite timeline and JPC was able to deliver the project on time and helped GC achieve its financial target. It consisted of 106 EA. insulated panels with a total surface area of 97,000 sft.



ISLANDERS BELMONT PARK ARENA - UBS ARENA

Location

Queens, NYC

Owner

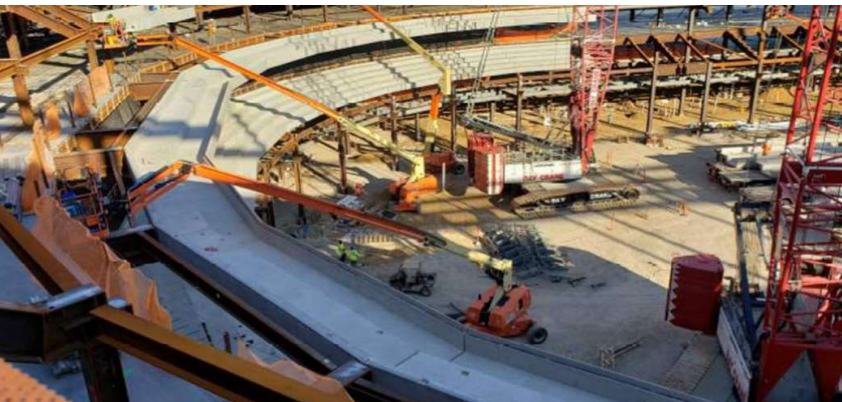
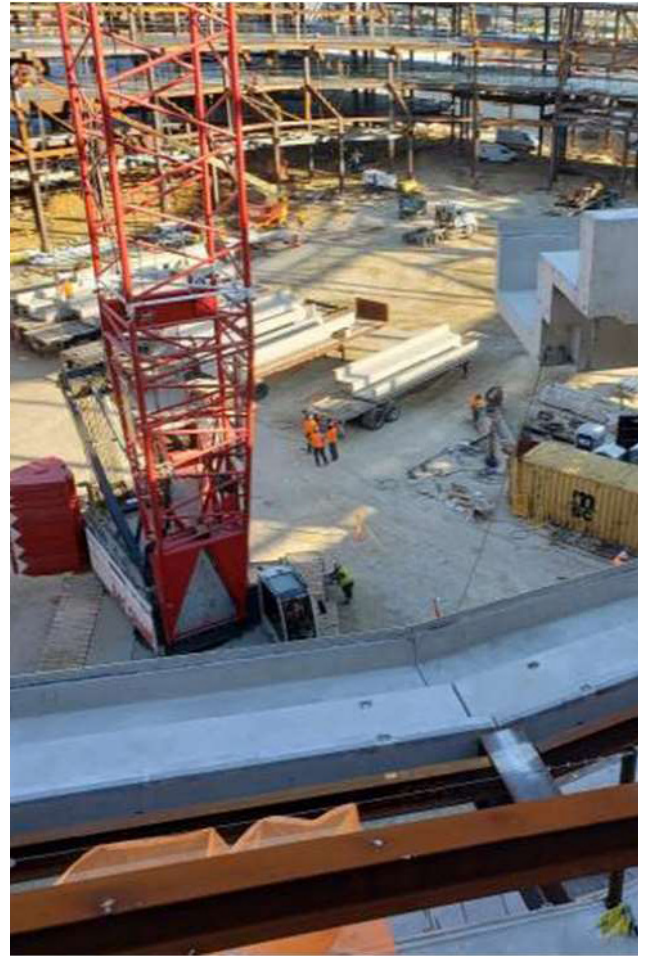
New York Arena Partners, LLC

GC / CM

HUNT | An AECOM Company

Description

Project involved fabrication and delivery of Pre-cast Stadia Units, Raker Beams, Link Beams, Columns, Vomitory Walls, headers, stairs and slabs.





USTA LOUIS ARMSTRONG STADIUM

Location

Queens, NYC

Owner

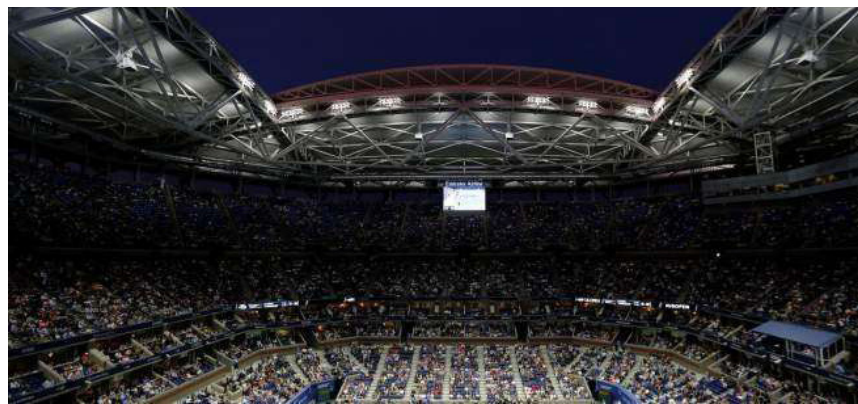
USTA National Tennis Center, Inc.

GC / CM

HUNT | An AECOM Company

Description

Project involved fabrication and delivery of Stadia Units, Tubs, Stairs , Raker beams Vomitory-Wall



RUTGERS FOOTBALL STADIUM EXPANSION

Location

New Brunswick, NJ

Owner

Rutgers University

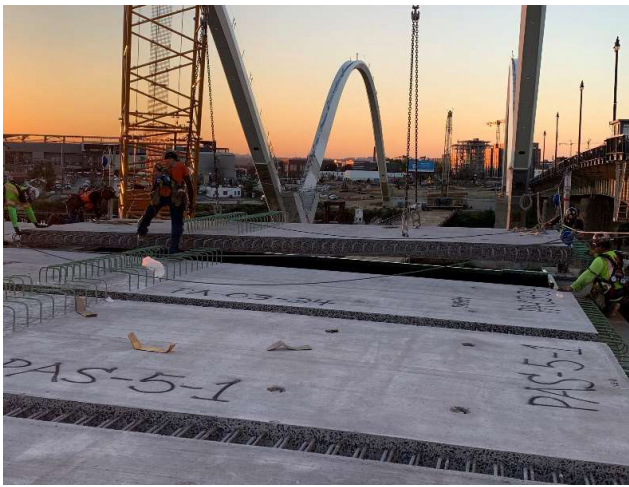
GC / CM

Gilbane Building Company

Description

Project involved fabrication, delivery and erection of precast components for Rutgers Football Stadium Expansion





FEDERICK DOUGLASS MEMORIAL BRIDGE

Location

Washington D.C

Owner

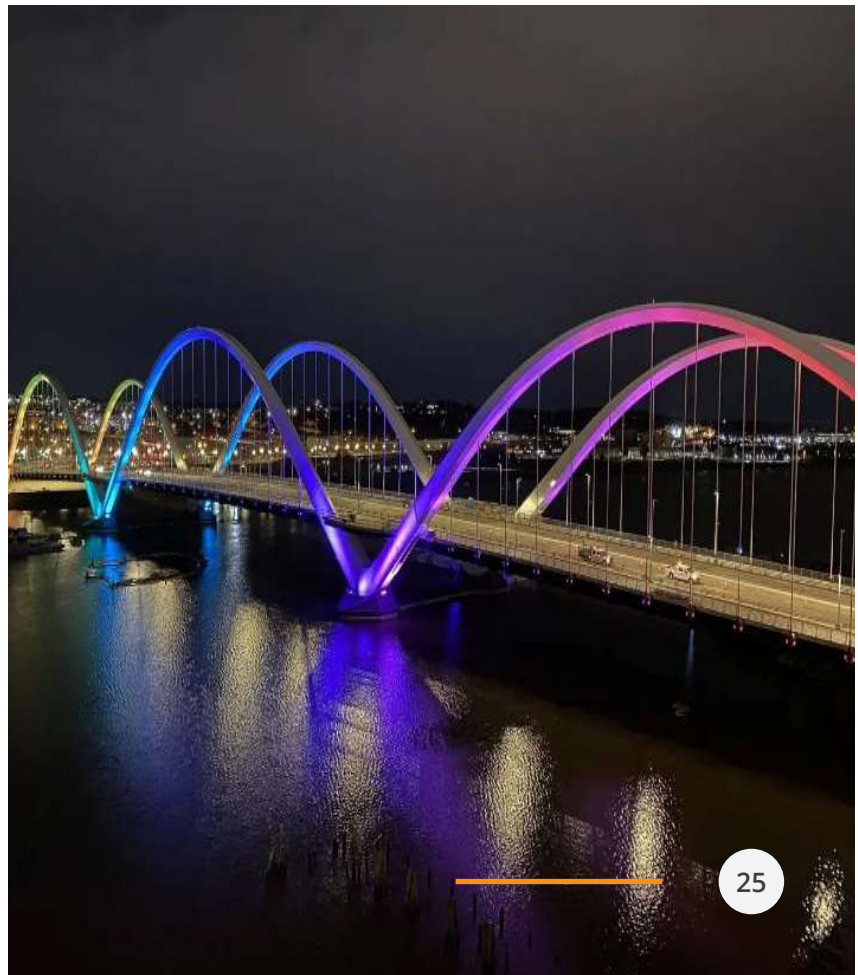
DCDOT

GC / CM

Archer Western & Granite Construction Co. JV

Description

Over 145,000 SFT. of Deck panel replacement on the bridge involved bridge deck units that had to be coordinated over the phases of construction with 75-year durability requirement for these deck panels



550 WASHINGTON STREET GOOGLE'S NYC HQ

Location

Manhattan, NYC

Owner

Oxford Properties

GC / CM

Turner

Description

Fabrication of 50 ton each U Shape Precast Core Panels which were match casted later to be post tensioned in the field with embedded plate hardware up to 5ft x 2ft to weld the structural steel



MANHATTAN WEST

Location

Manhattan, NYC

Owner

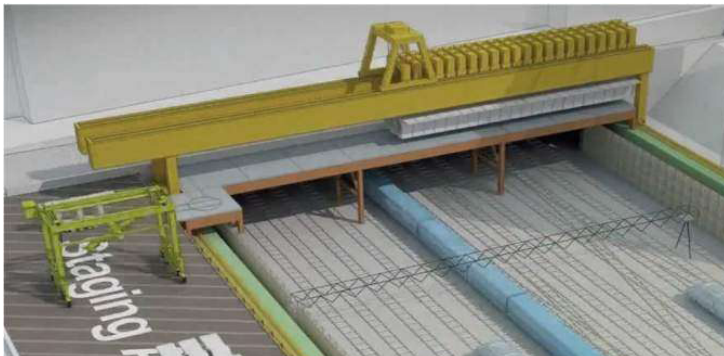
Brookfield Office Properties

GC / CM

Rizzani De Eccher, USA

Description

Precast work involves fabrication of 612 post-tensioned bridge segmental precast units to produce 16 bridge spans for use to bridge an open space above the railroad tracks in NY City for a real estate developer. Project used 4.5M lbs. of reinforcing bars. Each segment weighs in excess of 50 tons



DULLES CORRIDOR METRO RAIL

Location

Washington, DC

Owner

Washington Metropolitan Area Transit Authority

GC / CM

Clark construction

Description

This project consists of six stations on the rail line connecting Dulles Airport to Washington DC. Jersey Precast is providing design assist services including BIM Modelling, sizing of members, connections details, code compliance and MEP coordination.



PULASKI CONTRACT 3 & 4

Location
Jersey City, NJ

Owner
NJDOT

GC / CM
CCA Civil and Daidone Electric - JV

Description

100 plus years old bridge had unique geometrical challenges. Over 900,000 SFT. of bridge deck required fabrication of over 2,400 pre-cast concrete panels using stainless steel reinforcing bars, and over 1,400 exo-dermic pre-cast panels using galvanized reinforcing bars. Each piece had a unique geometry that had to be coordinated with the existing field.



NEWBERG BEACON BRIDGE

Owner

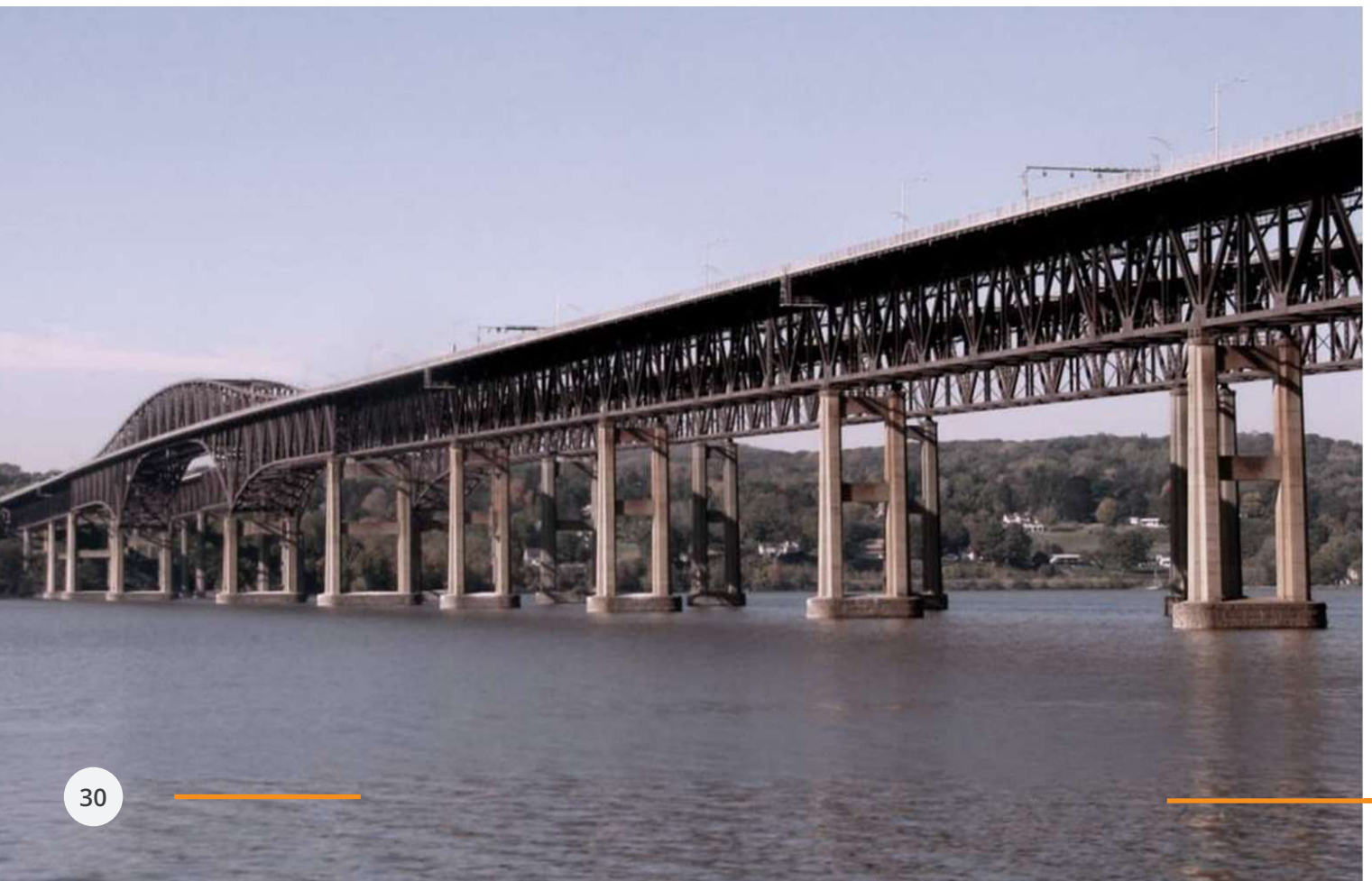
New York Bridge Authority

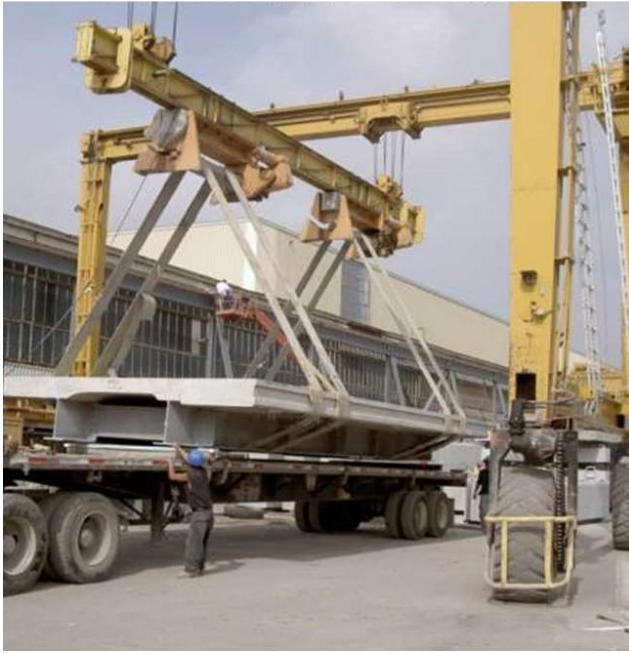
GC / CM

Kiska Construction

Description

Precast concrete work involved fabrication of over 400,000 SFT. of exodermic deck panels for the southbound lanes of the bridge. Work also involved fabrication of bridge barriers installed on top of the deck panels. All trucking was performed in house





TAPPAN ZEE BRIDGE REHABILITATION

Owner

New York State Thruway Authority

GC / CM

TutorPerini

Description

Over 670,000 SFT. of deck replacement on Tappan Zee Bridge with approximately 1300 panels with integrated structural steel stringers and diaphragms cast with the concrete. Jersey Precast was asked to complete the west deck truss portion of the Phase II to regain the schedule. Project involved both upright and inverted castings. All panels were match cast in the transverse direction to ensure geometry and profile control. Dimensional tolerances were critical because there was no overlay on the bridge and no closure pours



I - 93 FAST 14 ACCELERATED BRIDGE REPLACEMENT

Location

Medford, MA

Owner

MASSDOT

GC / CM

JF White Kiewit - JV

Description

FHWA's pilot program for accelerated bridge replacement. A total of 14 bridges on I-93 were replaced over 10 weekends. The project involved 252 composite bridge deck segments fabricated during a 14 week time frame in Spring 2011. The projected avoided almost four years of traffic disruption in one of the areas busiest arteries



TRIBOROUGH BRIDGE DECK

Owner

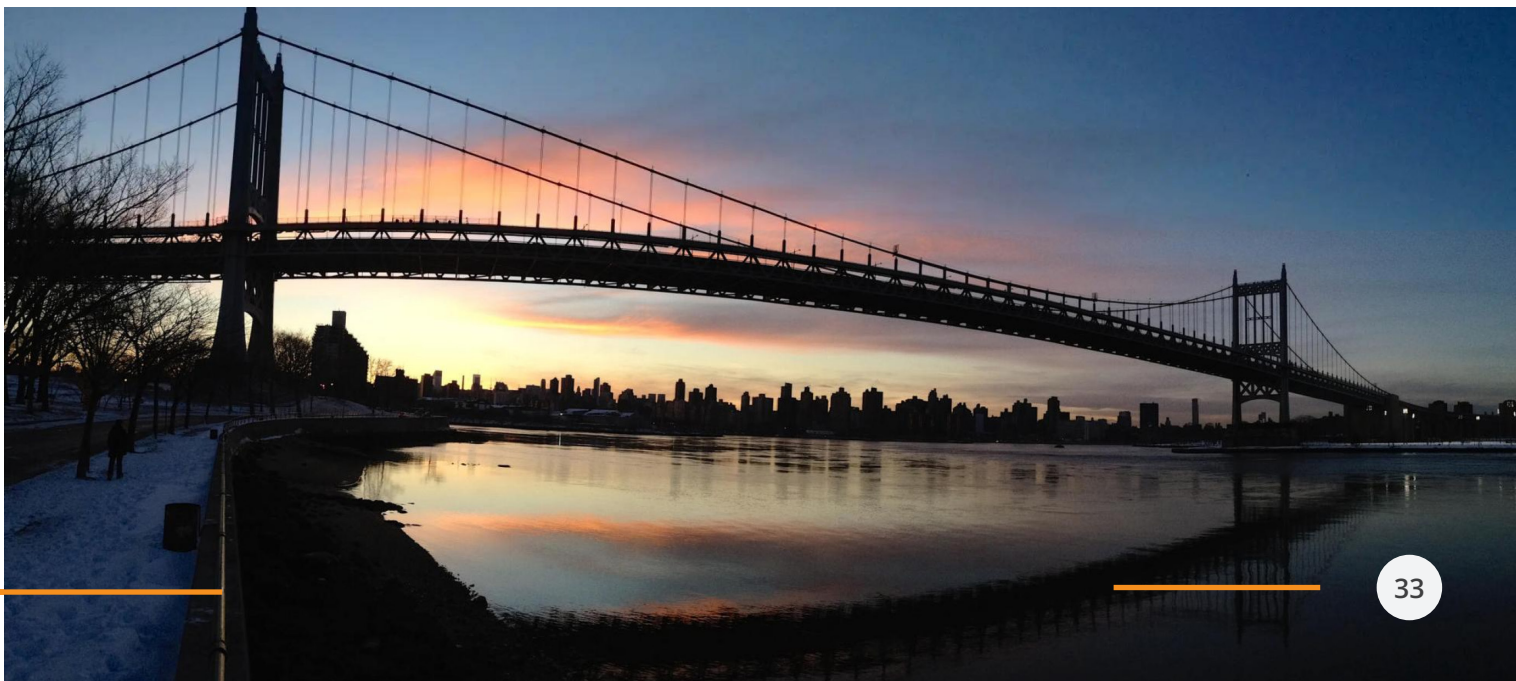
TBTA

GC / CM

Skanska Koch

Description

Over 490,000 SFT. of Light Weight Deck replacement on Triborough Bridge. The project involved bridge deck units with integrated structural steel and post tensioning ducts that had to be coordinated over seven to eight phases of construction. All panels were cast upside down with a form liner to provide the required surface profile for water proofing and overlay. Typical slab size was about 13' x 40'. Average weight about 20 Tons



WORLD TRADE CENTRE TRANSPORTATION HUB

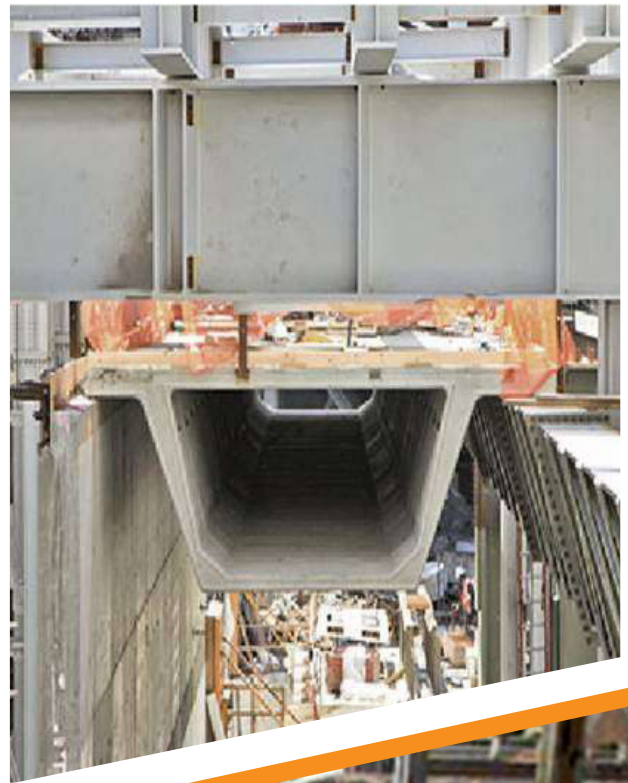
Location
Manhattan, NYC

Owner
MTA

GC / CM
DCM Erectors , Inc.

Description

The project comprised of 519 units of Precast Segments very similar to the Manhattan West project, 23,000 SFT. of Precast wall panels, platform structures, precast stairs and landings, precast floor slabs





EARLE NAVAL WEAPON STATION

Owner

US Navy

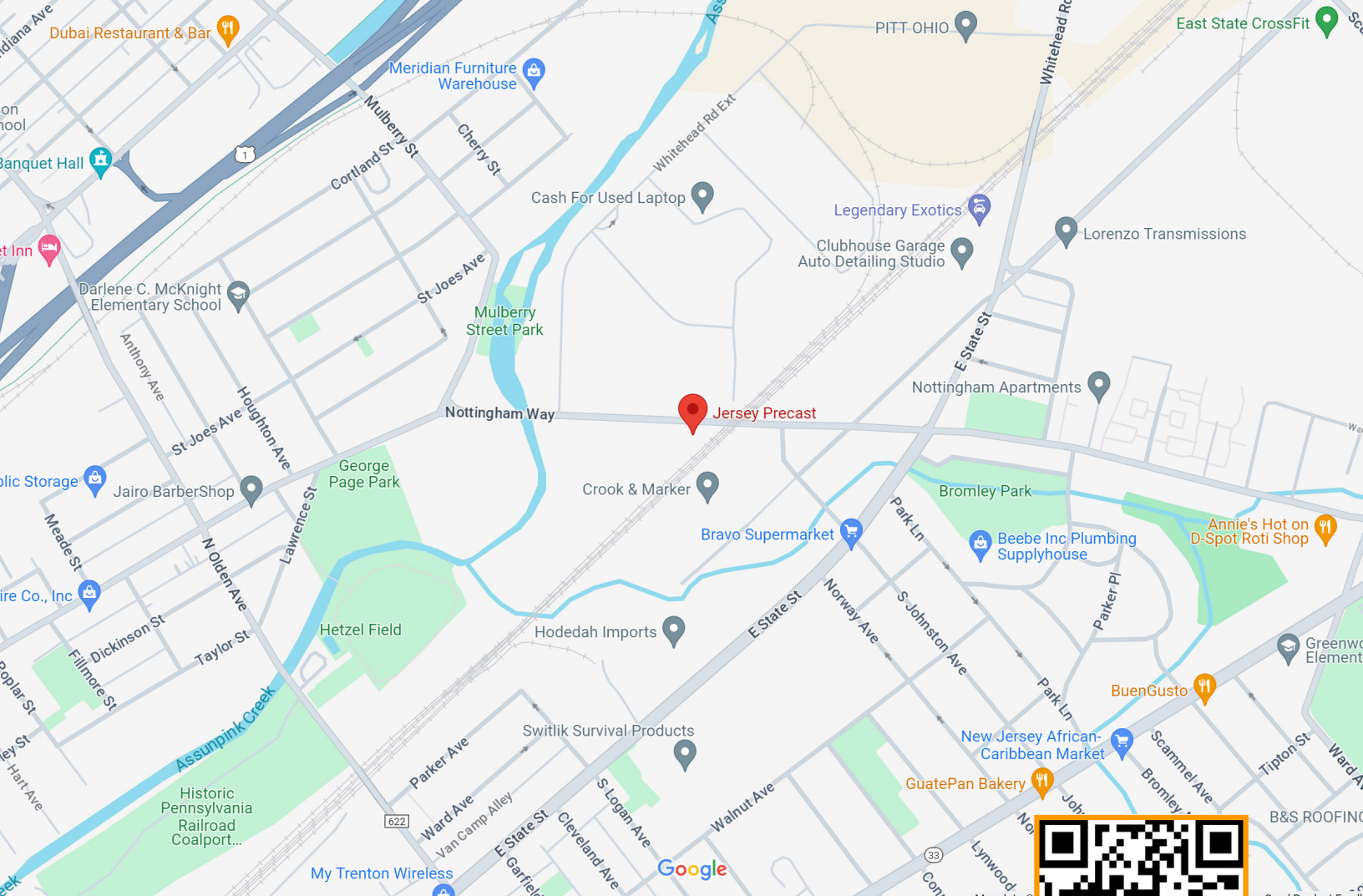
GC / CM

Weeks Marine

Description

The project comprised the entire superstructure for a ship pier including pile caps, box beams, pre-stressed slabs, utility galleries and other structures. Pieces varied from 10 tons to 80 tons





Precast Solutions
for your
construction
needs

Get in touch.

Reach out to us to discuss your unique requirements, and benefit from our year-round production capabilities, supported by our in-house engineering department. At Jersey Precast, customer satisfaction is paramount, and our dedicated team is committed to upholding the highest standards outlined in our Precast Concrete Institute (PCI) approved Quality Control (QC) manual.



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