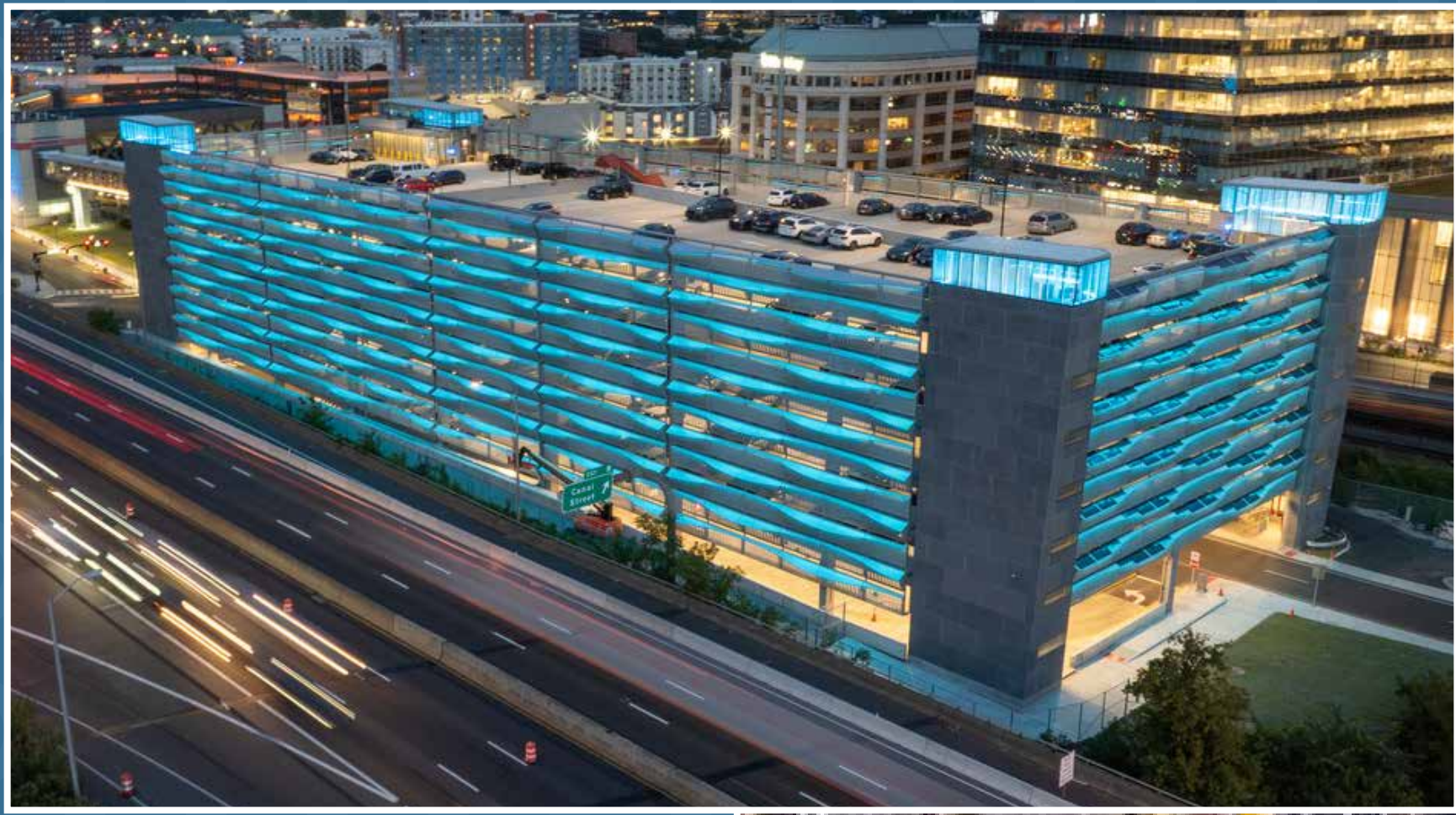




STAMFORD PARKING GARAGE

STAMFORD, CONNECTICUT



As part of a design-build initiative, a new parking facility with a capacity of approximately 914 vehicles was constructed to replace the structurally deficient commuter garage at the Stamford Transportation Center (STC). The scope included a 320-foot enclosed pedestrian bridge linking the garage to the train station and the reconstruction of elevator and stair access to Track 5 within the station. Key features of the new garage include:

- 92 EV charging stations
- 120 bicycle parking spaces
- Architectural LED façade lighting system

The project also encompassed the reconfiguration of the South State Street and Washington Boulevard intersection to improve vehicular and pedestrian safety.

Quality Management

KSE led the development and administration of the project's Quality Control Program, which included:

- A comprehensive Quality Management Plan
- Multiple Quality Control Plans for critical project components

- Task-specific checklists for systematic quality evaluation

Project Team

The design-build contractor was Yonkers Contracting Company, supported by Walker Consultants and a multidisciplinary consultant team.

Innovative Design Elements

- A distinctive "metal basket" façade incorporating over 190,000 programmable, energy-efficient LED lights
- Building-integrated photovoltaics for partial on-site energy generation
- Foundation solutions tailored to variable subsurface conditions, including large-diameter drilled shafts and direct rock bearing, eliminating the need for blasting

This project exemplifies the advantages of the design-build delivery method, achieving ambitious architectural, structural, and schedule objectives within a constrained urban environment. The result is not merely a parking structure but a gateway landmark, serving as a visual signature for Stamford's transit corridor.

ACEC ENGINEERING
EXCELLENCE AWARDS

Project

Stamford Parking Garage, Stamford, CT

Owner

Connecticut DOT, New Haven, CT

Client

Yonkers Contracting Company, Inc., Yonkers, NY

Firm

KS Engineers, P.C., Rocky Hill, CT