



# CHARLOTTE PARKING GARAGE

CHARLOTTE, NORTH CAROLINA

During construction of the new parking garage for the Bank of America Stadium in Charlotte, North Carolina, it was determined that the upper level structural beams were in need of additional strength due to future planned usage. The response was to encase the existing post tension beams with a larger beam, including an engineered rebar layout and additional post tension cables. Up against a hard deadline, this all needed to be completed in the next 60 days. The project required significant shoring, shop drawings, form work, subcontractor coordination, inspections and testing, while maintaining the tight deadline. The final challenge came when the custom mix self-consolidating concrete was to be prepared at the ready mix plant and then pumped from the ground to allow placement through the top slab into the large formed beams. United was able to complete the work with several days to spare.



## SERVICES PROVIDED


- Concrete / Structural Restoration
- Parking Deck Restoration



## PROJECT INFO

- Duration 12 Months
- Completed July 2019
- Contract \$ 248,500
- Client Gilbane
- Designer Brockett / Davis / Drake Inc

## CONTACT UNITED

 (770) 460-9606

 [info@urpinc.com](mailto:info@urpinc.com)

 [www.urpinc.com](http://www.urpinc.com)

