



Tindall

ENGINEERED TO SERVE



PARKING PROJECTS



MILTON AVENUE PARKING DECK
Alpharetta, GA

SUPPORTING DOWNTOWN ALPHARETTA'S GROWTH

The downtown of Alpharetta, Georgia is truly the heart of the city, offering residents and visitors alike an inviting space to eat, shop, work, and play. With its popularity on the rise, the city sought additional public parking to meet the demands of the growing traffic. Tindall was brought to the design-build table early to help imagine and create one of the city's solutions — a stunning, four-story total precast parking deck that perfectly matched the surrounding downtown architecture of Milton Avenue.



SPECIFICATIONS

TOTAL PRECAST STRUCTURE

110,000-SQ.-FT. FACILITY

260 PARKING SPACES

FEATURES INTRICATE ARCHITECTURAL TREATMENTS

WHEN FORM AND FUNCTION COME TOGETHER

From the beginning of the project, it was clear that aesthetics would play a major role in the creation of this 110,000-square-foot construction. On top of offering 260 parking spaces and first-floor retail locations, the deck needed to seamlessly blend with the existing architecture of Alpharetta. Working closely with the design teams and contractor, Tindall developed a cost-effective solution that saved over three months' construction time — brick-faced architectural wall panels in place of field-laid brick.

Tindall's engineers helped carefully design precast architectural panels that featured uniformly spaced openings which perfectly mimicked local commercial buildings, cleverly disguising the functionality of the deck's total precast interior. Tindall also utilized curves, recesses, intricate patterns, and separately attached cornices to bring the vision to life. In the end, the Tindall team created a total precast structure that met all of the project's requirements, remained under budget, and was erected in just six weeks.



UNIQUE BRICK-FACED PRECAST WALL PANELS



FROST TOWER PARKING GARAGE
San Antonio, TX

STAYING COOL UNDER PRESSURE

When KDC and Weston Urban envisioned a 23-story office tower for anchor tenant Cullen/Frost Bankers Inc., they assembled a powerhouse team to bring that vision to life. Early in the design phase, the team recognized that precast would provide several key benefits for the separate garage portion of the build. First, precast would offer significant time and cost savings; and second, the right precast provider would empower the remaining team to focus their efforts on the tower itself. This meant they needed an innovative and efficient partner that could collaborate on design to solve complex challenges. That's why the first subcontract released by the contractor, Clark Construction Group, went to Tindall.

SPECIFICATIONS

OVER 900 PARKING SPACES

280,000-SQ.-FT. PRECAST STRUCTURE

COMBINED 440,000-SQ.-FT. STRUCTURE

6.5 LEVELS OF PRECAST

56' OPENING AT LOADING AREA

COORDINATION AT ITS FINEST

The team at Tindall closely collaborated with the project's design team to develop the tower's parking solution — a 6.5-level precast parking deck that featured 20,000 square feet of ground-floor retail and integrated into a cast-in-place tower structure. The 280,000-square-foot precast structure featured over 900 parking spaces and an offsetting stairs solution to provide flexibility for the retail layout. Tindall also designed a 56-foot opening at the loading dock, allowing tractor trailers ample access from a narrow side street. Tindall also coordinated the critically important step of installing a transformer vault within the deck early in the schedule. This provided reliable power to Clark Construction Group early on in the project, fueling their progress in the tower.

Being brought to the table early empowered the Tindall team to provide the right solutions to the project's complex challenges. In the end, Tindall developed a time- and cost-saving precast solution that helped propel the Frost Tower project forward. Alex Skotnicki, Project Executive at Clark Construction Group, had this to say:

"Tindall has been a fantastic partner on the Frost Tower project. From design through erection, Tindall proactively developed solutions to our challenges and collaborated to execute the work as a team."



ASHEVILLE REGIONAL AIRPORT PARKING STRUCTURE
Asheville, NC

BLENDING WITH THE BLUE RIDGE MOUNTAINS

For three consecutive years, Asheville Airport experienced record-breaking passenger service. When Tindall was tasked with creating a new precast parking structure for the airport, they had two goals in mind. The first was to help meet the growing air travel needs in Western North Carolina for years to come. The second was to meet customers' requests for easy, level, and covered walking access to the terminal from the parking area. The result was a 343,884-square-foot, five-story parking garage that features stunning architectural elements that help it blend perfectly with the natural beauty of its surroundings.

WHEN AESTHETICS MEETS EFFICIENCY

Beginning in February of 2017, the construction team had just nine short months to have this deck operational for the holiday travel season. To add to the necessity of speed, approximately 400 parking spaces were displaced at the start of this construction, making an expeditious completion even more vital. Fortunately, performing under tight deadlines has always been Tindall's specialty. Once completed, the Asheville Regional Airport Parking Structure featured 1,300 parking spaces, a covered walkway that led directly to the terminal, and sensational architectural elements.

The architect of this five-story structure wanted it to blend seamlessly with the beautiful Blue Ridge Mountains that surround it. To achieve this, Tindall recommended a series of precast concrete spandrels with intricate form-lined patterns to resemble mountain ridges. By utilizing architectural precast with a sandblast finish, along with the form-lined scenery, Tindall was able to create a structure as visually striking as it is essential to everyday operations.

SPECIFICATIONS

1,300 PARKING SPACES

343,884 SQUARE FEET

FIVE STORIES

SPANDRELS FEATURE INTRICATE PATTERNS



SENSATIONAL ARCHITECTURAL ELEMENTS



EAST TENNESSEE STATE UNIVERSITY PARKING DECK
Johnson City, TN

EARNING AN A+ IN PARKING DECK AESTHETICS

The East Tennessee State University parking structure features 1,200 parking spaces for use by students, adjacent Public Safety Office workers, University Welcome Center employees, and Food Services staff. This large 425,000-square-foot project featured stunning architecture including field laid brick and limestone veneer, trim to match the surrounding campus constructions, spandrels, and other exposed precast elements. To mimic the limestone elements of adjacent buildings, Tindall utilized architectural concrete.





FREDDIE MAC HQ5 PARKING GARAGE
McLean, VA

NO CHALLENGE TOO GREAT, NO FOOTPRINT TOO SMALL

The Freddie Mac HQ5 Parking Garage is a colossal nine-story facility located in McLean, VA. The structure features seven above-ground levels, as well as two levels enclosed beneath ground, offering a total of 1,492 spaces for visitors. While Tindall is no stranger to creating enormous parking structures that are as aesthetically pleasing as they are functional, it was clear from the design and development phase that the Tindall team would have several unique challenges ahead of them — including a jobsite located on a very tight footprint along a one-way street.





SPECIFICATIONS

9 STORIES TOTAL

454,000-SQ.-FT. STRUCTURE

1,492 PARKING SPACES

2 LEVELS ENCLOSED BELOW GROUND

UNIQUE CHALLENGES. CREATIVE PRECAST SOLUTIONS.

With the structure being built into a hillside, the first major hurdle of this project was to develop a robust structural frame capable of supporting 20 feet of retained earth on one side of the building. By leveraging its considerable engineering resources, Tindall devised a system of shear walls, floor slabs, and sturdy connections that allowed the garage to stabilize the adjacent slope without the added expense of an independent retaining wall.

The second challenge was designing the first two levels to withstand the loads of emergency vehicles and firetrucks — loads eight times higher than a typical parking garage is designed for. The solution for this came in the form of specially designed double tees, beams, and columns, as well as special bearing corbels. For the exterior, the structure featured architectural columns, walls, and spandrels with a custom formliner to elevate the aesthetic presence of the garage. In the end, Tindall was able to engineer a wide variety of specially designed components to meet the requirements of the project, all while offering the customer a more economical solution, a tighter schedule, and the signature support of the Tindall team.



DESIGNED TO WITHSTAND HEAVY LOADS



BYRD STREET PARKING DECK
Richmond, VA

SETTING THE BAR SKY HIGH

The Byrd Street Parking Deck is a five-level structure that features almost 900 parking spots. Despite the many architectural intricacies of this 237,000-square-foot project, Tindall was able to complete erection 12 weeks ahead of schedule and come in under budget. These two factors combined to substantially cut the cost of construction.





PARK AT SOUTH MARKET

New Orleans, LA

Located in the heart of downtown New Orleans, The Park at South Market is a mixed-use development offering luxury apartments, shops, and a four-story parking deck.

[LEARN MORE ABOUT PARK AT SOUTH MARKET](#)



ICON BUCKHEAD PARKING DECK

Buckhead, GA

This 11-story parking deck features an expansive rooftop pool deck and amenities area, taking a necessary feature of apartment living and transforming it into something truly iconic.

[LEARN MORE ABOUT ICON BUCKHEAD PARKING DECK](#)

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