



Pickett, Kelm & Associates, Inc.
Consulting Structural Engineers

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ABC Bank Branch Office

PROJECT LOCATION:

AUSTIN, TX

PROJECT OWNER:

AMERICAN BANK OF COMMERCE

PROJECT ARCHITECT:

GRAEBER, SIMMONS & COWAN

GENERAL CONTRACTOR:

HARVEY CLEARY

PROJECT COMPLETED: 2006

CONSTRUCTION COST:

\$5,256,340

PROJECT DESCRIPTION:



Pickett, Kelm & Associates, Inc. provided structural engineering design for this 6-story, 85,000 square foot project at the corner of 5th and Rio Grande Streets in downtown Austin. The first level consists of a 4000 square foot bank space, four drive-through lanes with teller windows, an electrical vault, and a vehicular ramp to the parking levels above. The second level consists of a 7300 square feet bank space and 9700 square feet of parking. The 3rd through 5th floors consist of core areas and parking with speed ramps at each end. A 17,000 square foot office lease space is provided above the parking garage at the 6th level. The building extends to the property line on all four sides and is located within the capital view corridor.

The parking levels and upper level office lease space were framed using precast concrete double tees spanning to perimeter and interior load-bearing precast concrete wall panels, with a structural concrete topping slab. A waterproofing membrane and a wear slab were provided over the topping slab at parking areas over conditioned spaces. Lateral loads are resisted by interior precast concrete shear walls. At the lowest level, a series of cast-in-place concrete transfer girders and columns were provided to support load-bearing walls and accommodate for the bank drive-through teller lanes. A cast-in-place concrete ramp provides access to the 2nd level parking. Due to limited floor to floor heights, the second level of the bank was framed using a composite concrete slab on metal deck supported by shallow structural steel beams and girders spanning to interior tube columns. The foundation system consists of drilled piers founded in rock at column locations and at perimeter grade beams supporting load-bearing precast wall panels. The bank space consists of a slab-on-grade with perimeter grade beams, and includes a feature stair between the two levels.



The building is clad with a combination of oversized split face and burnished concrete masonry units, with exposed integrally-colored decorative precast wall panels. Decorative metal grilles are provided at wall openings in the garage levels, and decorative awnings are provided along the pedestrian way at the street level.