

TATE MEDICAL CENTER Glen Burnie, MD



The Tate Cancer Center is a three-story, plus basement, structure located on the northeast side of the Baltimore Washington Medical Center Campus. Construction costs were approximately 6.5 million. The building was completed in the spring of 2003. Each level has an area of approximately 14,000 square feet.

The structure consists of cast-in-place reinforced concrete two-way slabs, columns, and spread footings. Cantilevered slabs support metal wall panels and glass curtain walls on the north side of the building. Foundations and columns were designed to accommodate a future one-level vertical expansion.

Also as part of the project was a reinforced concrete pedestrian bridge, for easy access to and from an existing parking garage. A new underground reinforced concrete tunnel was designed to access from the basement level of the Tate Center to the lower level of the existing "D" Building of the hospital. A portion of this tunnel sees vehicular traffic from above.

Client: Baltimore Washington Medical Center

Total Construction Cost: \$6,500,000

Project Size: 42,000 SF

WBCM Services: Structural Engineering