

UNDERFLOOR SERVICE DISTRIBUTION

by Tate Access Floors

E. Barrett Prettyman Courthouse
Washington, D.C.

RENOVATION & EXPANSION PROJECT

120,000 sq. ft. access floor

PRODUCTS USED:

ConCore 1000
Underfloor wire & cable
Modular carpet tile



Subject

E. BARRETT PRETTYMAN COURTHOUSE

In the early 1990's, the Administrative Office of the U.S. Courts determined that the Judiciary's housing was approaching a state of crisis; nearly one in every three courthouses would be out of space within a decade. To meet this critical demand for space, the General Services Administration (GSA) would need to undertake the largest courthouse construction program in more than fifty years. The E. Barrett Prettyman Courthouse, one of the most important trial courts in the nation, was targeted for renovation and expansion. To meet the Courts 30-year needs, the design included 9 new courtrooms and 15 chambersets. Not only was an annex added to the courthouse, but the courthouse itself was renovated to provide more space, updated architecture, and improve the efficiency and flexibility of the workplace. An important issue in the design of the E. Barrett Prettyman Courthouse, and GSA-owned structures in general, has been the utilization of an access floor system for the horizontal distribution of power, data, telecommunication, and other low-voltage system cabling. GSA needed this underfloor service flexibility to create a courthouse that would serve the needs of its occupants for the life of the building.

When the renovation and expansion of the E. Barrett Prettyman Courthouse was announced, Tate Access Floors was chosen to provide the raised flooring and underfloor service distribution system. With GSA's commitment to access flooring in new courthouses, as well as highly recommending access flooring for large modernization projects as noted in their 2003 Facilities Standards, Tate was able to address the needs of this project: maintaining high-quality clean air, improving personal comfort control, attenuating noise, responding to organizational and technology changes quickly and easily, and supporting the overall aesthetic value of the facility - all while being cost-effective during building and operation. Raised flooring and underfloor service distribution by Tate has provided a flexible system that will meet GSA's needs for years to come.

TATE AUTHORIZED DEALER

Irvine Access Floors
Laurel, MD

ARCHITECTURAL FIRM

Michael Graves Associates
Princeton, NJ

GENERAL CONTRACTOR

Centex Construction
Fairfax, VA

ENGINEERING FIRM

Jacobs Engineering Group
Arlington, VA

Tate[®]