



The Criminal Courts Administration Building (CCAB) & Plaza was completed in 1979. The building's plaza area located along the east, south and west sides of the building measures approximately 60,000 SF in plan.

The plaza was constructed on a structural slab with a waterproofing system. The plaza pavers consist of two different materials: two-inch-thick granite panels and accent pre-cast concrete. The plaza is located on top of occupied space that houses office spaces. An ice-melt system was incorporated into the plaza assembly during the initial construction. However, this ice-melt system had reportedly not been functioning for the last several years. The plaza's planter and deck drainage system had been permitting water to enter into the office spaces below.

On the second floor of the CCAB, there are a cafeteria and a kitchen. These areas are located over the lobby and mezzanine of the CCAB.

BTC was retained as a waterproofing subconsultant to the Architect-of-Record to evaluate the condition of the existing waterproofing system on the plaza and kitchen floors. Subsequently, BTC prepared repair recommendations and developed details and specifications for the complete rehabilitation of the plaza waterproofing system and the kitchen floor waterproofing system. BTC also assisted the Architect-of-Record in performing contract administration services during construction.

Project Name:

Cook County Criminal Courts Building Plaza

Project Location:

Chicago, Illinois

Client:

*Ms. Roula Alakiotou, FAIA
Roula Associates Architects, Chtd.
400 N. State Street, Suite 400
Chicago, Illinois 60610*

Approximate Construction Cost:

\$4,500,000.00

Year Completed:

2003

Nature of Services:

Evaluation of waterproofing system on a 60,000 SF plaza over occupied space and design of new waterproofing systems for kitchen and plaza.

