



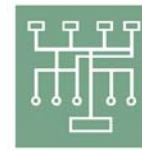
Associates



Engineers



Architects



Systems



Construction
Managers

**NORTH-SOUTH
TOLLWAY,
BOUGHTON ROAD
INTERCHANGE
BOLINGBROOK,
ILLINOIS**

**ILLINOIS STATE TOLL
HIGHWAY AUTHORITY
OAK BROOK, ILLINOIS**

The 17.5 mile North-South Tollway is a significant transportation link through DuPage County from the northwest suburban Schaumburg area to Interstate 55 in Will County.

The \$11 million Section D-2 of the North-South Tollway is 1.36 miles long. It consists of the mainline designed for 30,000 cars per day traffic as well as an interchange with a bridge at Boughton Road at Janes Avenue and Illinois Route

The mainline is a 4 lane roadway (2 lanes each way) with a half diamond interchange at Boughton Road. The bridge structure carrying Boughton Road over the mainline is a 2-span of approximately 200 feet abutment to abutment with a 90 foot concrete deck on precast pre-stressed I-beams.

Multiple cell box culvert structures accommodate the Lily Cache waterway crossings at all roadways.

Roadways include both PCC sections as well as flexible pavements. Drainage design required inlet spacing, culvert design, and several detention ponds.

A variety of regulated and unregulated utilities necessitated careful coordination with agencies for protection and relocation.

