

Verizon Wireless Windsor Mobile Telephone Switch Facility

Windsor, CT



Since 1990, Banton has been entrusted with the construction of multiple switch facilities for Verizon Wireless.

Banton constructed the original Windsor mobile telephone switch office in 1994. Renovations were performed in 1998 and again in 2000. The most recent phase of this project, completed in 2006, added a 30,000 square foot wing to the facility.

This project represented a range of difficult site development conditions, which included full rock removal and a major retaining wall to deal with extreme elevation changes. The existing switch facility remained in full operation during the course of the project, with extensive measures taken to ensure its uninterrupted performance.

Security and performance continuity are major considerations in a switch facility. Construction includes measures for anti-terrorism and all electrical and mechanical functions have redundant backup systems. To that end, Banton wired the entire facility with the latest state of the art technology and also installed redundant high voltage feeders and redundant generators to operate the entire facility and to ensure operations in case of a catastrophic disaster.

The importance of a switch facility can be demonstrated with the understanding that one switch is more than capable of handling the hundreds of cellular sites that you see along our state's highways and roadways.

Role: General Contractor

Owner: Verizon Wireless

Architect: Edwards & Kelcey

