



PATRICIA E. PAETOW HIGH SCHOOL

KATY, TEXAS

ELECTRICAL CONSTRUCTION CASE STUDY

**Owner**

Katy ISD

Contract Type

Electrical Construction

Contract Amount

\$15,500,000.00

General Contractor

Gilbane Building Company

Electrical Contractor

FSG Electric

Engineering Firm

PBK

Architect

PBK

Challenge

FSG understands that getting the project designed correctly, in the beginning, helps ensure that the project gets built the right way in the end. Safety, efficiency, and professionalism are just a few things to expect from us. We bring our safety record, innovative solutions, and well-trained teams to every project. Our experience and knowledge gained over the course of many years have allowed us to learn the best practices and then repeat those practices time and time again.

Solution

Paetow High School is a 3-story, 635,000 square foot facility located on a 147-acre campus that includes a junior high school and an elementary school. The high school has an L-shaped design with two classroom towers on the east and west ends. The school also features science labs, collaboration spaces, two dining rooms, a 900-seat performing arts center, four gymnasiums, and a natatorium. Furthermore, the project included sports lighting for competition baseball, softball, football, and track facilities as well as tennis courts. In addition to the electrical scope of work on the project, FSG Technology installed the structured cabling throughout the facility including fiber backbone and interconnectivity to the junior high school.

