

Port Authority of New York and New Jersey, John F. Kennedy International Airport - AirTrain

JFK Airport, Queens, New York



Naik Consulting Group, P.C. (**NAIK**) provided services on the Central Terminal Area portion of the **JFK AIRTRAIN**, a 1.8-mile loop, which connects the nine main airport terminals.

Construction of the elevated guideway in the terminal area required **NAIK** to undertake a massive utility relocation design and utility coordination effort in order to drive over 2000 piles to allow construction of the guideway columns. **NAIK** provided the alignment and guideway location designs for these piles all without disrupting airport operation or interfering with utility operations. architectural design services were also provided for the **British Airways AIRTRAIN** station which is an elevated station on pre-cast, post-tensioned concrete segments and is fully glass-enclosed

including an atrium with skylight, heated and air-conditioned, with automatic platform doors leading to a standard 240' platform, a wide escalator, a large glass enclosed elevator, and a moving walkway to connect the station to the airline terminal.



For the **Federal Circle Section**, **NAIK** provided geometric layout of station access roadway for one station and design for four conventional parking facilities project. For the **Howard Beach Section**, **NAIK** provided geometric layout of station access roadway and parking facilities for two stations and one Yard Shop in this portion of the **AIRTRAIN** project. Complete civil engineering design

associated with this roadway and parking facilities including grading, drainage, pavement and new/relocation utility design for these sites was also provided. Additionally, **NAK** provided Site Engineering Services for eight of the ten stations. Continuous coordination of several ongoing and future projects within the light rail corridor was necessary. Design Completed On Time and Within Budget.

Agency/Owner:
Port Authority of
New York and New Jersey

Client:
STV

Project Duration:
2002