

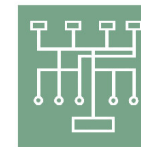
Associates



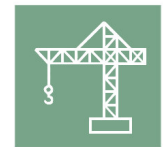
Engineers



Architects



Systems



Construction
Managers

NORTHEAST CARGO DEVELOPMENT O'HARE AIRPORT

ROADWAYS, DRAINAGE AND UTILITIES

CHICAGO, ILLINOIS

**CITY OF CHICAGO,
DEPARTMENT OF
AVIATION**

O'Hare Airport is developing an area of their property called the Northeast Cargo Development, to facilitate cargo transfer between planes and trucks. Because this area was formerly a military installation, significant work needed to be undertaken to clear or re-route existing utilities to make room for new cargo handling buildings, roads and taxiways.

HOH was awarded the design for widening a 1,200' segment of 4 lane roadway, and designing a new 1,600' 4 lane access road to service the planned cargo buildings. As a major part of this work, utilities had to be identified and modified as required for the new buildings, which will total over 800,000 square feet when fully constructed.

Storm sewer collection, conveyance and detention were provided for the development, as well as sanitary sewer, lighting, electrical conduit, low voltage security and communications duct bank, and a medium voltage electrical duct bank. HOH worked with ComEd to distribute 12kV power throughout the site. This involved removing existing overhead 4160V power feeds to several buildings that were to remain on the site, and upgrading transformers to accept the new power levels. A new telephone/data duct bank was designed to re-route existing communications cabling around the site.

