



**Client**

Chicago Department of  
Aviation

**Prime**

H.W. Lochner, Inc.

**Subconsultant**

Delta Engineering Group, LLC

**Schedule**

May 2004 to Oct. 2007



Delta Engineering Group, LLC  
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[www.deg-america.com](http://www.deg-america.com)

## Mount Prospect Road and Guard Post 1 at O'Hare International Airport

Delta provided roadway lighting design for approximately 1 ½ mile of secondary access roads and security guard post areas, complete lighting and electrical design for a secondary canopy over eight guard booths, guard booths and support utility building. This also included traffic signal design at Mt. Prospect Road and Hangar Road intersection, power and covered wiring for 12 motorized security gates, and associated CCTV cameras. DEG designed utility duct banks and a manhole system for the relocation of ComEd, 34 KV power lines and telephone, security and airport communication links. This involved 1.5 miles of new ComEd duct-bank and CED (common electrical duct-bank) system to reroute the 34KV feed and airport utilities around a proposed new runway.

Delta Engineering, Inc. performed Mechanical and Plumbing services including load calculations and design for HVAC and Plumbing systems for prefabricated equipment rooms, toilets and guard booths. DEG specified the mechanical and plumbing equipments and fixtures along with the prefabricated enclosures, and designed a sanitary sewage lift station.

