

## **PROJECTS WITH PREVIOUS EMPLOYER**

### **Location**

Chicago, Illinois

### **Project Type**

Civil Engineering

### **Client**

Chicago Dept. of Aviation  
O'Hare Modernization Program  
HNTB

### **Client Contact**

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### **Categories**

Civil Engineering  
Construction Inspection

### **O'Hare Modernization Program (OMP) Design and Construction Support Services for WA #22 – Runway 10L Extension and Associated Taxiways at O'Hare International Airport**

Worked on providing final design and construction support and inspection services as member of the Metropolitan Aviation Partners joint venture for a project that is extend existing Runway 9R-27L (future Runway 10L-28R). The design includes a system of parallel taxiways serving the extended runway, and that will support the planning for additional airside improvements.

The design responsibilities included taxiway/runway fillet geometric revisions of pavement areas being widened to accommodate the proposed airplane movements. These pavement design modifications also required the following: proposed grading plans; utility removal and relocations; service roadway removals; horizontal and vertical runway and taxiway geometrics; and other related improvements.



The construction support and inspection services focused on insuring that all elements of construction were completed in accordance with the plans, OMP technical specifications, and airport operations. The staging of construction was closely monitored and coordinated with the areas of O'Hare Airport that remained open to air traffic. Coordination with the FAA was very important during the period when the east end of Runway 28R was relocated approximately 3,000 feet west to accommodate construction activities.

The O'Hare Modernization Program (OMP) is reconfiguring O'Hare International Airport's six existing intersecting runways into a modern parallel configuration. The \$6.6 billion Program will dramatically improve airport efficiency, especially during inclement weather conditions when delays will be reduced by 95 percent. Delays during all other operating periods are projected to drop by 79 percent.

