

# United Airlines Hangar 5/5A Replacement Project

## Chicago, IL

AECOM HUNT

### Owner

United Airlines

### Construction Value

Confidential

### Delivery Method

Design-Build

### Architect

AECOM

### Completion

November 2019

An 84,000 SF aircraft hangar with a 2,500 SF connector, associated partial apron, sitework, and employee parking facilities. The hangar is capable of accommodating one Boeing 777-300ER aircraft. Employee parking accommodates over 300 vehicles. The concrete apron totals approximately 2,610 SY.

Based on the O'Hare Redevelopment Program, United Airlines was required to develop several new airline facilities and aircraft ramp areas in new locations connected to their current maintenance operations. The new widebody hangar, designed for a B777-300ER aircraft, was the last of the facilities to be built so it had to meet a limited UAL funding budget amount and timeline.

Upon selection, AECOM Hunt was requested to reduce the construction budget by approximately 20% to meet the available funding. We investigated a wide range of value engineering items in cooperation with United Airlines including design program scope, steel construction type, hangar door type, hangar shell profile, subcontractor design engineering and other general scope reductions to meet the budget. A balancing of the budget with stakeholder/operator input was also managed.

