

**AIRPORT**



Endwall elevation (airside) with exterior cladding installation being completed



Ancillary building (30'x25') endwall elevation (roadside) with exterior cladding installation being completed



Interior main frames and 20'x104' mezzanine level

**Scope:** Structural Design of Concrete Foundation for a Pre-engineered Steel Aircraft Hanger, Structural Design for Interior Fit-out Elements

**Services Provided:** Sub-consultant to General Contractor on a design/build project, requiring structural design and drafting of the cast in place concrete foundation and slab on grade with unique project requirements including:

- 24"x24" concrete cross ties connecting main frame columns to resolve high lateral loads.
- Second story 2,080ft<sup>2</sup> mezzanine area utilizing 8" precast floor slabs.
- 12" unreinforced concrete slab on grade in main hanger area.

New Aircraft Hanger – 163'-0" x 104'-0" pre-engineered building c/w 30'-0" x 25'-0" ancillary building.

**Construction Value:** \$9,100,000.00