Sioux Falls Regional Airport 2017 Reconstruction

Carefully planned and executed construction staging is important for any airport project, but it was particularly important considering the scale of the reconstruction and rehabilitation project at Sioux Falls Regional Airport.

The reconstruction consisted of taxiways K and B5, as well as the demo, a 3.5 ft subgrade cut, and placing gravel for 800 feet for runway 3/21 and taxiway B4. The two taxiways had to be completed before T&R Contracting could close the rest of the runway and taxiway A to allow for planes to taxi on K and B5. This work included removing 30-in. thick asphalt and a 3.5 ft subgrade cut, placing a 17-in. thick concrete paving on runway 3/21 and taxiway A, and adding 30 ft.-wide asphalt shoulders. The project also incorporated a partial reconstruction of National Guard Drive. All this work had to be completed in 70 calendar days.

The contractor demonstrated a commitment to sustainable construction by in situ recycling of the existing 15-in. concrete paving and reuse of the material for the 13-in. base.

The scope of the project, the schedule, and the other challenges proved to be no match for the contractor, which counted this project as the latest in their on-time, successful projects delivered for the airport in recent years.

LOCATION: Sioux Falls, South Dakota

CONTRACTOR: T&R Contracting, Inc.

OWNER: Sioux Falls Regional Airport

ENGINEER: KLJ
Aviation – Regional Airports

PROJECT PROFILE

9450 W BRYN MAWR AVE., SUITE 150  |  ROSEMONT, IL 60018, USA

American Concrete Pavement Association