

PROJECT OF THE YEAR | COMMERCIAL SERVICE AIRPORT

Taxiway Reconstruction Phases 2 and 4 Duluth International Airport

Airport Sponsor:

Duluth Airport Authority

Consultant Team:

SEH – Prime Consultant
Burns & McDonnell
Braun Intertec

Contractor:

Shafer Contracting



Realigning Taxiway A4 allowed the geometry to meet FAA design standards. The construction required numerous night closures and a 60-hour weekend runway closure to complete the work in the Runway 9/27 safety area.



The newly constructed SRE Ramp, completed as part of Phase 4, allowed for a bypass taxiway during the closure of Taxiway A.



The new Taxiway A pavement is designed for large aircraft, and supports the operations of the 148th Fighter Wing.

About the Project

The purpose of this project was to implement important and necessary upgrades and repairs for Taxiway A and to complete the first phase of reconstructing the Midfield Ramp at the Duluth International Airport (DLH). SEH led this process, collaborating with the Duluth Airport Authority (DAA), the Federal Aviation Administration (FAA), and the Minnesota Department of Transportation (MnDOT) Office of Aeronautics to design and construct the project while coordinating with the contractor and key stakeholders.

Key aspects of the project included traffic management to work around daily use and the Duluth Air and Aviation Expo; strategic planning and coordination with FAA for night closures and work inside critical safety areas; and incorporating measures to protect the environment. The project was funded primarily through a \$9 million FAA discretionary grant. The DAA also received an additional \$700,000 from MnDOT to repair the Midfield Ramp. Lastly, the DAA worked with the Air National Guard to fund over \$1 million in matching funds to design the taxiway to meet the needs of the F-16 fighter aircraft based at the 148th Fighter Wing in Duluth. The total construction cost for the projects was \$11.2 million.

FOR MORE INFORMATION ABOUT THIS PROJECT CONTACT:

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