

PROJECT OF THE YEAR | INTERMEDIATE LARGE GA AIRPORT

Taxiway A Reconstruction & Realignment South St. Paul Municipal Airport

Airport Sponsor:

City of South St. Paul

Consultant Team:

SEH – Prime Consultant

Contractor:

Park Construction Co.

Neo Electrical Solutions



A recent Triggering Event Master Plan (TEMP) study recommended a shift in the existing Taxiway A alignment.



The newly reconstructed Taxiway A utilized reclaimed bituminous pavement and aggregate base from the existing Taxiway A.



Effective communication & stakeholder engagement remained a key priority throughout the project.

About the Project

Taxiway A is a full length parallel taxiway serving Runway 16/34 at the South St. Paul Municipal Airport. With it reaching the end of its useful life and requiring reconstruction, as well as it not meeting FAA safety design standards, the City needed an effective design and phasing plan to make the reconstruction possible. The reconstruction included new parallel Taxiway A; a realigned Taxiway A4 connector to allow aircraft to approach the holdline at an angle that meets FAA standards; two new holding bays; new LED; Medium Intensity Taxiway Lights (MITLs) and circuitry; relocated and replaced 500' of the southeast perimeter fence; clearing/grubbing and vegetative screening; stormwater items; ditch grading; and pavement markings. Clear communication and coordination were crucial to developing and maintaining the schedule to minimize the impacts to airport operations. This included working with tenants, the contractor, and the FAA to establish a schedule and phasing plan that worked for all parties while maintaining airport operations and necessary safety standards.

Now completed, this project serves as a model of how airport sponsors and consultants can work together from the master planning effort through project construction to develop and implement innovative solutions that meet the specific needs of each airport.

FOR MORE INFORMATION ABOUT THIS PROJECT CONTACT:

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