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Apron and Taxiway Reconstruction

St. James Municipal Airport (JYG)

City of St. James, Owner

TKDA, Engineering



Connector Taxiway A was relocated to eliminate the direct connection to the runway, in order to reduce the likelihood of runway incursions, and come into compliance with current FAA design guidance.



MCOA Award Category:

Project of the Year –
Intermediate Large GA Airport



The project included slightly expanding the apron to provide better tie-down areas, ensuring parked aircraft would not impede access to the fueling area or taxiing aircraft.

When the taxiway and apron pavements at the St. James Municipal Airport had served their useful life and required rehabilitation and reconstruction, TKDA helped transform them into usable pavement. TKDA worked closely with the City of St. James and the FAA to formulate a multi-year program to replace the worn-out taxiway and apron pavements. Additionally, connector Taxiway A was relocated to bring the taxiway geometrics into compliance with current airport design guidance. The TKDA team designed several pavement sections to utilize as many existing salvageable on-site paving and base materials as possible, which helped reduce project costs. The construction operations were phased to reduce impacts to airport users and maintain access to the runway throughout the project, with only several runway closures. Overall, this project illustrates how TKDA's dedicated staff can collaboratively work with city staff and airport stakeholders to replace worn-out pavement sustainably and cost-effectively.

