



Public Services Committee Meeting

Meeting Date: January 30, 2024

Daniel Field - Project Engineering & Design of Pavement Rehabilitation

Department:	Daniel Field
Presenter:	Antony Wanjau / Becky Shealy
Caption:	Motion to approve design for pavement renovation, design for long term parking paving and project formulation for property exchange due diligence
Background:	<p>DESIGN FOR RUNWAY 11/29, TAXIWAY A, TAXIWAY C & TOWER APRON PAVEMENT REHABILITATION ALONG WITH AIRFIELD PAVEMENT REMOVAL</p> <p>This project provides the engineering design and preparation of construction documents for pavement rehabilitation for the 11/29 crosswind runway, parallel taxiway A, midfield/infield taxiway C and the Tower Apron pavements on the north side of the airport., as well as removal of miscellaneous abandoned pavements around the airfield.</p> <p>DESIGN OF LONG-TERM PARKING LOT PAVING</p> <p>This project provides the engineering design and preparation of construction documents for paving the long-term parking lot with pervious pavement to improve drainage.</p> <p>PROJECT FORMULATION FOR PROPERTY EXCHANGE DUE DILIGENCE</p> <p>This project formulation is for assistance in the required due diligence studies with the Federal Aviation Administration (FAA) and Georgia Department of Transportation (GDOT) for a potential land exchange.</p>
Analysis:	<p>DESIGN FOR RUNWAY 11/29, TAXIWAY A, TAXIWAY C & TOWER APRON PAVEMENT REHABILITATION ALONG WITH AIRFIELD PAVEMENT REMOVAL and DESIGN OF LONG-TERM PARKING LOT PAVING</p> <p>These projects will generally include the following pavement remediation for all pavements within the scope of work:</p> <ul style="list-style-type: none">• Geotechnical investigation• milling existing pavement,

- crack sealing of the paved shoulders and exposed milled surfaces (with the exception of the runway which is anticipated to receive an overlay interlayer instead of crack sealing) to alleviate crack propagation, and
- overlaying a new asphalt wearing surface.
- paving the long-term parking lot with pervious pavements
- bidding assistance services

Financial Impact:

DESIGN FOR RUNWAY 11/29, TAXIWAY A, TAXIWAY C & TOWER
APRON PAVEMENT REHABILITATION ALONG WITH AIRFIELD
PAVEMENT REMOVAL

\$102,142.43 = GDOT Aviation Program (75%)

\$ 34,047.47 = TIA 2 (25%)

DESIGN OF LONG-TERM PARKING LOT PAVING

\$ 30,196.00 = TIA 2 (100%)

PROJECT FORMULATION FOR PROPERTY EXCHANGE DUE
DILIGENCE

\$ 13,835.00 = TIA 2 (100%)

\$180, 220.90 = TOTAL AMOUNT

Alternatives:

The only alternative is no action, which is infeasible due to FAA safety and compliance rules. We must complete this airfield pavement project to ensure continued airport viability.

Recommendation:

The Daniel Field General Aviation Commission recommends approval of the design projects and due diligence study

**Funds are available in
the following accounts:**

\$102,142.43 = GDOT GRANT Org Key 552081211

\$ 78,078.47 = Daniel Field TIA 2 Org Key 372081132

**REVIEWED AND
APPROVED BY:**

N/A