

DATE: May 24, 2021

TO: Joseph Helfenberger
City Manager

FROM: Florence Straugh
Airport Manager

REFERENCE: FAA Grant AIP Application for Supplement Agreements 21-23 & 21-24, Passero Associates, LLC.

SUBJECT: Lake City Gateway Airport (LCQ) – FY2021 Taxiway Charlie Realignment and Transient Apron Pavement Rehabilitation, Design – FAA Grant Application

The grant application is for a Federal Aviation Administration (FAA) Airport Improvement Program (AIP) Grant for the design phase of two projects that include the realignment of Taxiway Charlie and the rehabilitation of the pavement for the transient apron as part of Passero Associates, LLC. Supplement Agreements 21-23 and 21-24, respectively. (See figure 2 below.)

Passero Associates, LLC. Supplemental Agreement 21-23: The first project is the Taxiway Charlie Realignment to meet Federal Aviation Administration (FAA) standards to improve airfield safety. Currently, Taxiway Charlie crosses Taxiway Alpha from the terminal apron at a large angle and continues to Runway 10/28 at the same angle. The FAA design standards require a 90-degree connection to Runway 10/28.

	Cost 100%	FAA 100%
Design Phase Services	\$103,370.00	\$103,370.00
Independent Fee Estimate	<u>\$2,000.00</u>	<u>\$2,000.00</u>
Total Cost	\$105,370.00	\$105,370.00

Passero Associates, LLC. Supplemental Agreement 21-24: The second project is the transient apron pavement rehabilitation of approximately 350,000 square feet of pavement, in which the condition has been analyzed and found to have a Pavement Condition Index (PCI) of 28, which is very poor, to a PCI of 68, which is fair, on a scale from 1 of 100. (See figure 1 below.)

Very Good (85-100)
Good (70-85)
Fair (55-70)
Poor (40-55)
Very Poor (25-40)
Serious (10-25)
Failure (0-10)

Figure 1: Pavement Condition Index (PCI) Scale



Figure 2: Airport Diagram – outline of work area

	Cost 100%	FAA 100%
Design Phase Services	\$59,150.00	\$59,150.00
Independent Fee Estimate	<u>\$2,000.00</u>	<u>\$2,000.00</u>
Total Cost	\$61,150.00	\$61,150.00

The combine estimated total for consulting/engineering costs by Passero Associates, LLC is \$166,520.00, including two independent engineering reviews by Mr. James L. Pearce, P.E./Esq.

The FAA AIP grant will cover 100% of the costs.

Staff recommends the acceptance of the FAA grant application the design phase of the Taxiway Charlie Realignment and Transient Apron Pavement Rehabilitation project.