



STILL PIONEERING

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REPORT TO AIRPORT AUTHORITY

SRAA-16-63

Date of Meeting: November 17, 2016

Subject: Discuss the addition of terminal apron expansion to the the parallel taxiway project

Purpose of Report: Discuss possible addition of apron expansion to serve as a construction bypass during the parallel taxiway construction project

Background Discussion: During planning of construction phases of the parallel taxiway project, staff members from the airport, LBR, Inc. and the Oklahoma Aeronautics Commission have researched options to alleviate or minimize the negative impact of construction phasing to the airport user. The proposed option being discussed today includes construction of a portion of the terminal apron expansion which would serve as a traffic bypass during the project.

Particularly importance is the insuring safe and orderly flow air traffic movement for arriving and departing aircraft from north of the terminal apron to the south terminal apron while a portion of Taxiway Alpha ,Echo and Delta are closed during various phases of construction. Currently with the planned phasing of construction, air traffic will be required to use the runway for back taxi purposes on takeoff and landing during a major portion of the project. This is driven by the construction closures and the north south flow of traffic on the terminal apron being restricted by the departure terminal and airline operations adjacent to the terminal.

Airport staff has attached two reports for reference purpose to discuss the advantages and possible cost for adding the terminal expansion/construction bypass to the parallel taxiway project. If the expansion/construction bypass is funded, the bypass project would be constructed as a beginning phase to alleviate or minimize the impact on traffic during current initial phase 1 of the full project. The Authority would review the construction options within the construction safety plan for both options.

The possible addition of the future terminal expansion would also serve to help with the overall growing need for reconstruction and expansion of the terminal apron to accommodate airline service and increased parking demands.

Budget: The additional cost estimate to include the terminal apron expansion/construction bypass is \$1,384,540, plus engineering and construction management. The funding breakdown would be federal 90% state 5%, and local 5%.

Recommendation: Airport staff recommends the approval of the addition apron expansion/bypass to the parallel taxiway project subject to federal, state funding, and local funding availability and City Council approval.

Prepared by: Gary Johnson

Date of Preparation: November 13, 2016

Attachments: 2-Costs Estimates and Proposed Terminal Apron Expansion