

NOTICE TO AIRPORT USERS
PROPOSED AIRPORT IMPROVEMENT PROJECTS
Truckee Tahoe Airport
Posted November 23, 2016

Project Description and Justification

As per Order 5100.38D Section 3-20 Consultation with Airport Users. Truckee Tahoe Airport proposes to request Airport Improvement Program Grant funds for the following Projects. While this notification does not require users to provide input or agree with the proposed projects, the airport is providing a reasonable opportunity for users to provide input to the proposals listed below.

Project 1: Saw and Seal Supplemental Joints – Runway 11-29 (East) (19,000 In. ft.) – With airports in the higher altitudes of the Sierra Nevada Mountain Range, large temperature changes occur between night and day and summer and winter. These large temperature changes cause thermal stresses to build up in the asphalt pavement section, which generally results in cracking of the pavements, both longitudinal and transverse. To prevent this thermal cracking, a joint pattern was sawed and sealed in the pavements on the easterly 2,000 feet of Runway 11-29 with 25-foot transverse and longitudinal joint spacing. Studies have shown that with 25-foot joint spacing intermediate cracks and excessive widening of existing joints will develop. To prevent this intermediate cracking it is proposed in this project to saw and seal additional joints to create a joint pattern with 12 to 15 foot longitudinal and transverse joint spacing.

Project Date: Construction is scheduled to occur in the summer of 2017.

Impacts: Construction is scheduled to last 25 working days. Runway 11-29 will be closed to aircraft traffic during this period. There will be no other restrictions at the airport and it will remain open during construction.

Total Project Cost: \$194,000 with 90% funding through FAA Airport Improvement Grant.

Project 2: Reconstruct Hangar Taxilanes CD and DE (East) – 72,000 Sq. Ft. - The PMMP conducted in 2011 and updated in 2014 indicated that under forecast loadings the pavement section on Taxilanes CD and DE (East) is adequate to support the forecast aircraft without causing deep-seated failure within 20+ years. The surface bituminous surface course pavement has shown serious block cracking and cracking at the paving joints caused mainly by large changes in temperature that occur between day and night and summer and winter. These large temperature changes cause thermal stresses to build up in the asphalt pavement section, which results in formation of the cracks. It is proposed in this project to pulverize and remove 6 inches of the existing bituminous surface course and aggregate base, to recompact the existing aggregate base course, and to place 4 inches of new frost-free aggregate base course and 2 inches of new bituminous surface course on top. New airfield marking will be placed.

Project Date: Construction is scheduled to occur in the summer of 2017.

Impacts: Construction is scheduled to last 40 working days. Aircraft movement from Taxilanes CD and DE to the runway will have some restrictions. There will be no other restrictions at the airport and it will remain open during construction.

Total Project Cost: \$539,000 with 90% funding through FAA Airport Improvement Grants.

Project No. 3: Replace FAA VASI with New 2-Box PAPI on Runway 20 - FAA is has indicated to the sponsor that they are interested in replacing their existing VASI's with PAPI's. This project will include the replacement of the existing FAA owned VASI on Runway 20 with a new 2-box PAPI.

Project Date: Construction is scheduled to occur in the summer of 2017.

Impacts: Construction is scheduled to last 20 working days. Runway 2-20 will be closed to aircraft traffic during the construction of this project. There will be no other restrictions at the airport and it will remain open during construction.

Total Project Cost: \$127,000 with 90% funding through FAA Airport Improvement Grants.

Comments or Questions:

Comments or questions must be received by January 10, 2017. Comments or questions on this notice should be directed to:

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Via e-mail at: kevin.smith@truckeetahoeairport.com