



CITY OF CONCORD

REPORT TO MAYOR AND THE CITY COUNCIL

FROM: Martha Drukker, Associate Engineer
DATE: May 25, 2016
SUBJECT: CIP # 468 Taxiway A Rehabilitation Design for Runway 17/35

Recommendation

Appropriate the sum of \$193,534 for the design of the rehabilitation to Taxiway A parallel to Runway 17/35.

Background

The FY2017 Capital Improvement Budget programmed \$120,000 for the design of Taxiway A. The City's 5% share or \$6,000 was appropriated upon adoption of the 2017 budget.

The City submitted a grant to the NHDOT to design the rehabilitation to Taxiway A in the spring of 2016. The requested funding was \$199,534.

The parallel taxiway has not been resurfaced since the early 1990's. Reshaping and paving the taxiway surface is required to maintain support of the primary Runway 17/35. In addition, the taxiway lighting and markings need to be upgraded to comply with current Federal Aviation Administration (FAA) design criteria.

Discussion

Subsequent to the preparation of the Capital Budget, NHDOT recommended the design work scope include upgrading the lighting, markings, signage and a two bay holding apron for the departing aircraft. The cost associated with these upgrades and the associated mitigation is \$79,534.

The reconstructed taxiway will serve Runway 17/35 and is approximately 5,000 feet long. The taxiway pavement will be 50 feet wide and will have edge lighting and upgraded signage if required. A hold apron will be constructed to allow waiting aircraft to clear the taxiway during approaches and departures. The rehabilitation

of the taxiway will have minimal impact on the natural resources identified within the designated conservation zones.

Pending grant award, the design will occur in the fall 2016 with a completion date slated for spring 2017. This project is eligible for 90% funding from Federal Aviation Administration and 5% from NHDOT.

This project is supported by the Airport Advisory Committee.

MLD