

Remote Aircraft Deicing

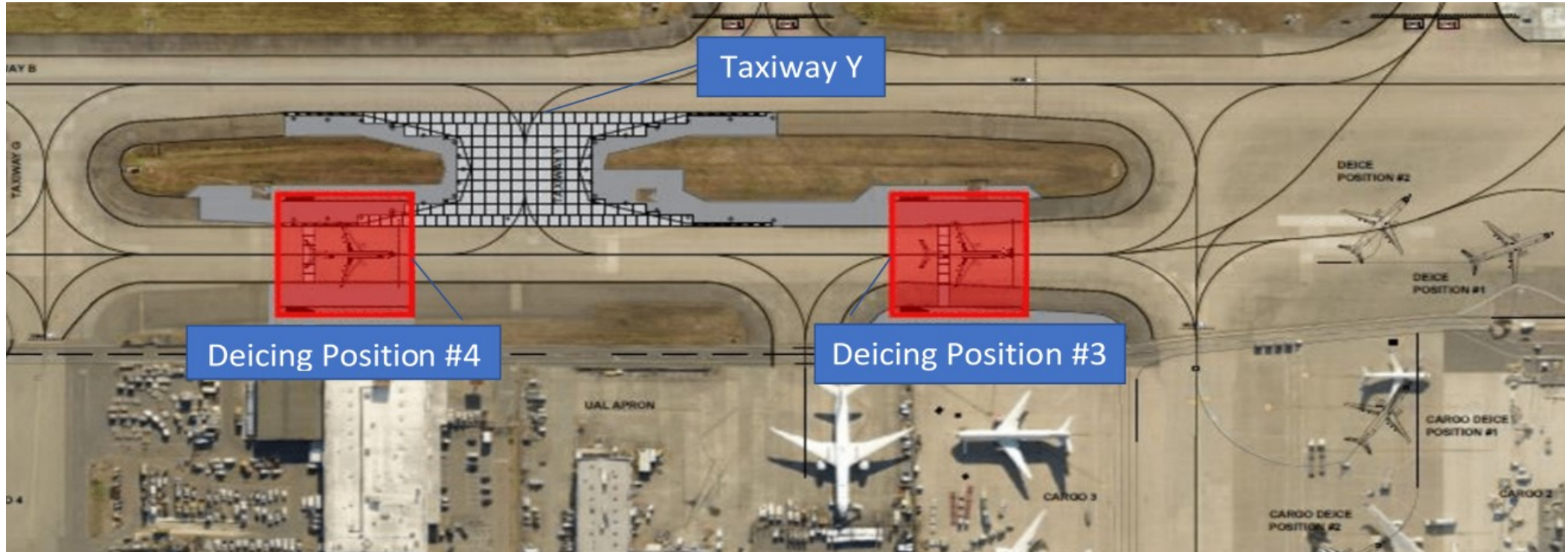
Seattle-Tacoma
International Airport

Project Justification

- This project will mitigate some of the delays caused by on-gate deicing, by constructing the infrastructure to provide two off-gate deicing positions on Taxiway A.



Project Scope



- The construction of cross-over Taxiway Y to alleviate queueing back-ups during deicing operations on the taxiway
- The construction of asphalt pads along Taxiway A to provide support for Deicing Vehicles
- Industrial Waste and Storm Drainage System Improvement

Project Schedule

Construction start	Q3 2020
In-use date	Q4 2020

Project Budget

COST ESTIMATE			
Original estimate	\$24,300,000	\$0	\$24,300,000
Current change	(6,600,000)	0	(6,600,000)
Revised estimate	17,700,000	0	17,700,000
AUTHORIZATION			
Previous authorizations	3,145,000	0	3,145,000
Current request for authorization	14,555,000	0	14,555,000
Total authorizations, including this request	17,700,000	0	17,700,000
Remaining amount to be authorized	\$0	\$0	\$0

Project Risks

- Federal Aviation Administration (FAA) Approval of Airport Layout Plan (ALP) change
 - The construction of the new Taxiway Y requires FAA approval for an ALP change prior to construction start
 - A successful Safety Risk Management Panel was conducted with the FAA for the ALP change and the corresponding FAA approval letter is expected no later than May 2020
- Inclement weather
 - Potential delay to the overall construction progress