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Item No. 10a_supp
Date of Meeting July 26, 2022
Flight Corridor Safety Program 2024
Seattle-Tacoma
International Airport

Flight Corridor Safety Program - Overview

- An ongoing program to remove trees around SEA to improve safety during takeoffs and landings and replant in their place, native, lower height trees
- Trees either are penetrating SEA's airspace or are expected within approximately the next five years, to penetrate SEA's airspace and pose a hazard to flight operations
- Program first launched in 2014

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Flight Corridor Safety Program - Purpose

- The FAA requires the Port of Seattle to ensure there are no obstructions on or establishment of airport around SEA that could affect hazards is a "public flight safety nuisance"
- Washington State law declares that the creation or establishment of airport around SEA that could affect hazards is a "public flight safety nuisance"

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Obstruction Removal/Replanting Numbers To Date
Property Owner Trees Removed Trees Planted/To be Planted
Port of Seattle 789 3,800
WSDOT 102 8,000
Other Public Entities 47 188
Private 40 160
Total 978 12,148

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Environmental Commitment

- Port-initiated SEPA Process includes public comment opportunity
- Replanting native species either onsite or nearby off-site properties
- Replant native species at a 4 to 1 ratio or better
- Utilize best management practices to minimize environmental impacts

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Outreach & Communications

- Agency/city coordination
- Individualized private property efforts
- Airport-specific listservs
- Connections e-newsletter
- Highline Forum briefings
- Online open house
- Public information/input
- Project-specific email address sessions
- Neighborhood canvassing

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Flight Corridor Safety Program 2024

- Request for Commission authorization for the ED to:

- Advertise/execute a professional service agreement for technical expertise/support;
 - Complete aerial data collection, field verification and analysis to identify obstructions at and around airport for 2024 Program scope refinement;
 - Conduct environmental review; and
 - Execute agreements with public agencies as needed for purposes of obstruction management.
- Estimated cost: \$500,000

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Flight Corridor Safety Program 2024

- Schedule

Advertisement for Professional Service Agreement 2022 Quarter 3

Aerial Obstruction Data Collection 2023 Quarter 3

Commission Design and Construction Authorization 2024 Quarter 3

Design Start 2024 Quarter 3

Construction Start 2024 Quarter 4

Construction Completion 2025 Quarter 4 to

2026 Quarter 4

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Flight Corridor Safety Program 2024

- Budget

Cost Estimate/Authorization Summary To tal

COST ESTIMATE

Original estimate \$9,700,000

AUTHORIZATION

Previous authorizations 100,000

Current request for authorization 500,000

Total authorizations, including this request 600,000

Remaining amount to be authorized \$9,100,000

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Flight Corridor Safety Program 2024

- Risk

- The total estimated program cost may change based on the obstructions identified during the planned fly-over survey in 2023.
- The current total estimated program cost is based on the estimated obstructions identified in the fly-over survey conducted back in 2018.

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