

Item No.	8c_supp
Date of Meeting	October 28, 2025

Snow Storage Expansion Phase II Construction Authorization CIP# C801171

Seattle-Tacoma
International Airport



Action Requested

Request Commission authorization for the Executive Director to advertise and execute a construction contract for Snow Storage Expansion Phase II (CIP# C801171) adjacent to the Industrial Wastewater System (IWS) Lagoon 3.

The total request for this action will be \$14,403,000 for a total project authorization to date of \$24,800,000. The estimated overall cost of the project is \$24,800,000.

Project Overview

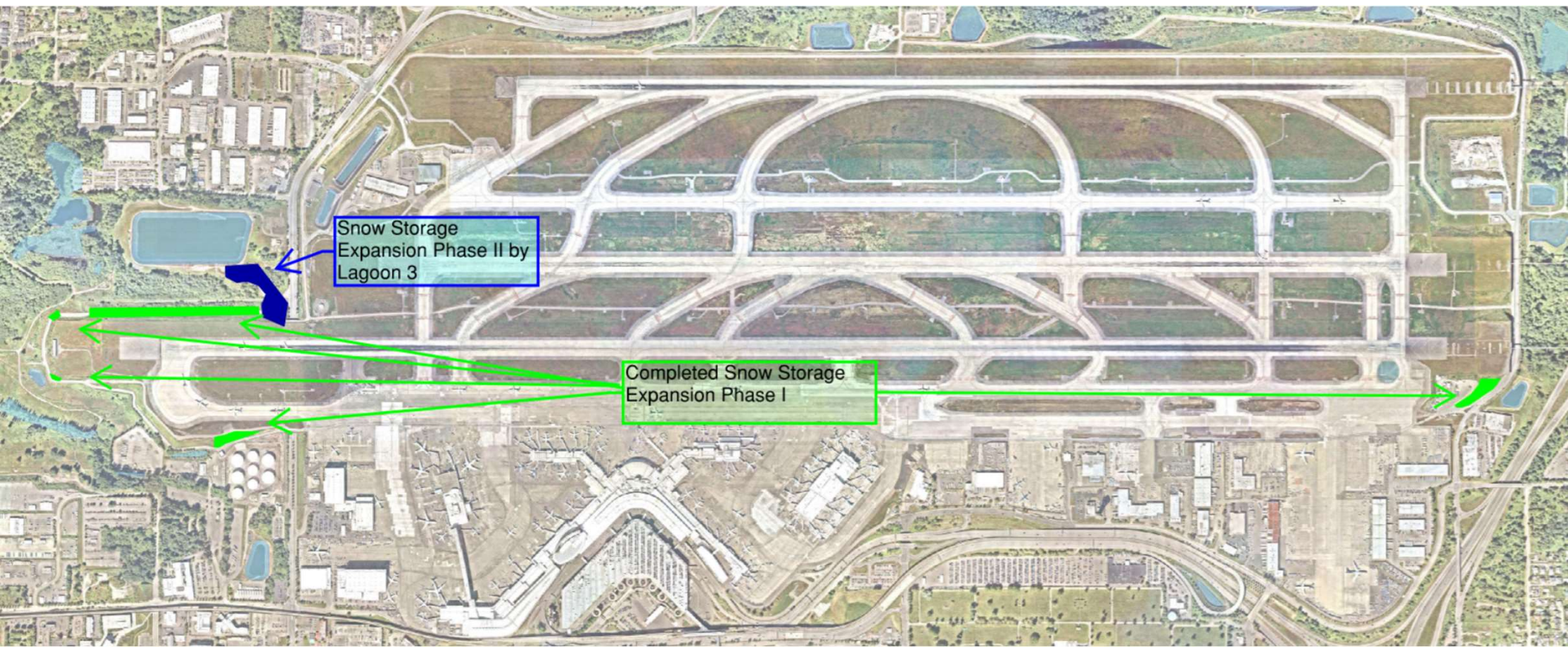
This project is needed to meet regulatory requirements and operational demands for airfield snow management.

- Provide additional snow storage capacity connected to the Industrial Wastewater System (IWS)
 - Historical excess snow storage areas are now occupied by Cargo/Remaining Overnight (RON) aircrafts
 - Snow storage capacity at completion of the project: 12" precipitation event
 - All snow melt areas will be connected to IWS to ensure compliance with National Pollutant Discharge Elimination Systems (NPDES) Permit Compliance
- Increase operational safety for snow operations vehicles
- Reduce operational expenses from rehandling snow

Project Scope

- Phase I – Completed in 2023
 - North Snow Storage Area
 - Expand existing asphalt pad and upgrade the IWS Pump Station
 - South Snow Storage Area
 - Expand existing truck turnaround for maneuverability and safety
 - Vehicle Service Road (south and west of RW 16L/34R)
 - Widen asphalt road for snow removal vehicle safety
- Phase II - 2026 Construction
 - Construct New Snow Storage Area adjacent to IWS Lagoon 3

Snow Storage Expansion Sites



Construction Schedule

- Phase II
 - Commission Authorization for Construction Q4 2025
 - Issue Notice to Proceed: Q2 2026
 - In-Service Q4 2026

Budget

Snow Storage Expansion Project (C801171)	This Request	Total Program
Design	\$0	\$2,500,000
Construction	\$14,403,000	\$22,300,000
Total	\$14,403,000	\$24,800,000

Project Risks

RISK	DESCRIPTION	PROBLEM	IMPACT	MITIGATION PLAN
Weather Delay	Construction may be impacted by inclement weather.	Low ●	Med ●	Include additional time in schedule for weather risks.
Increased Cost	Market conditions may change and result in bids exceeding Port estimate.	Med ●	High ●	Use historical pricing with thoughtful adjustment for current market conditions. Include contingency in the estimate.
Unforeseen Site Conditions	Possible conditions include: • Buried debris • Archaeological • Unsuitable soil conditions	Med ●	High ●	Implement monitoring and action plan for construction for possible discoveries.

Project Opportunities

- Support other program scopes and schedules
 - Airfield Pavement and Supporting Infrastructure Replacement Program
 - Perimeter Intrusion detection System (PIDS)
- Reduce project impacts, schedule and safety risks by avoiding construction in the winter season.

Thank You!



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