

# 2021-2025 Airfield Pavement and Supporting Infrastructure Replacement Program (CIP #C800930)

Seattle-Tacoma  
International Airport

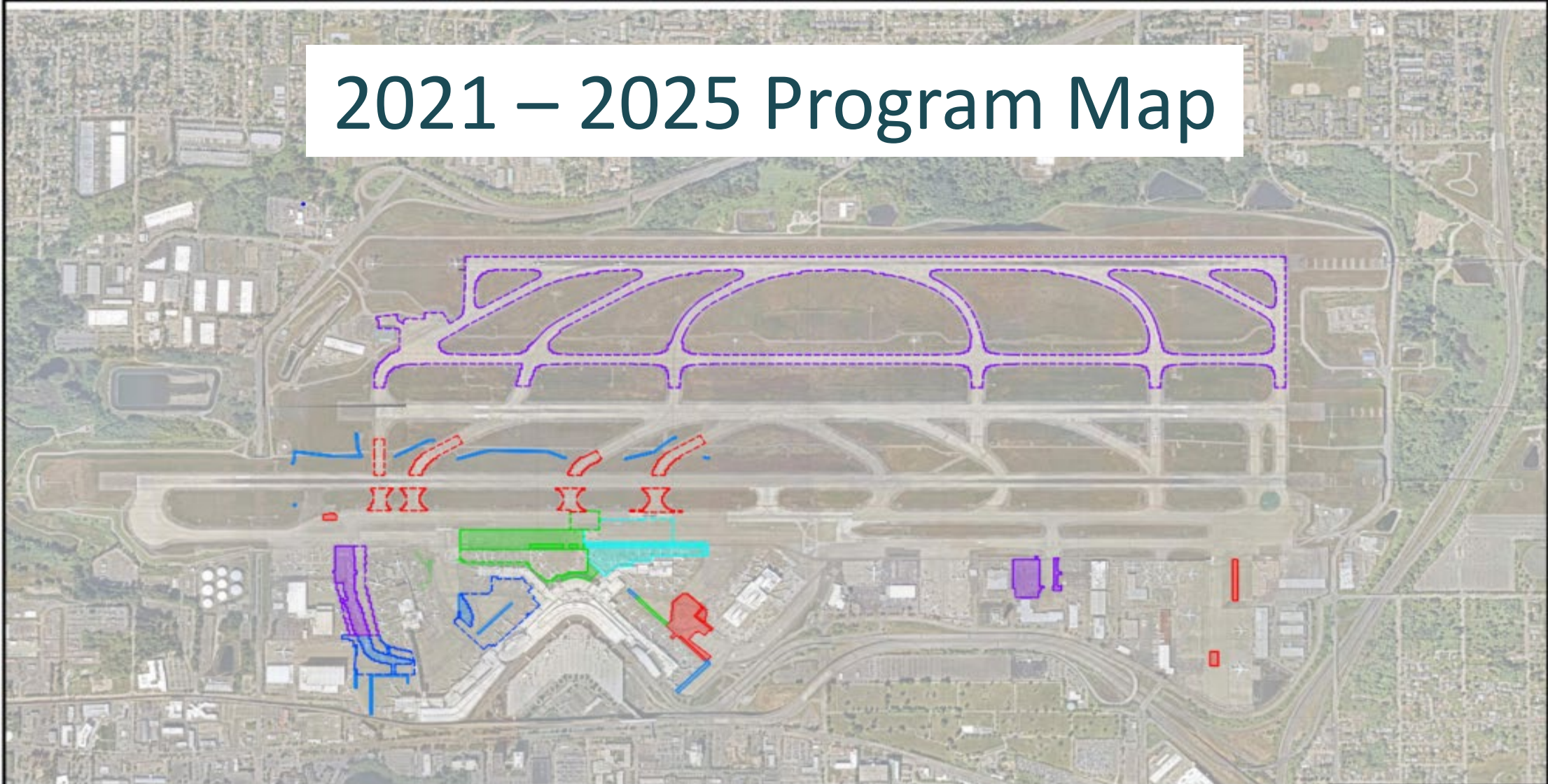


# 2021-2025 Program Justification

- The 2021-2025 Airfield Pavement and Supporting Infrastructure Replacement Program replaces distressed airfield pavement, joint sealant, related and supporting infrastructure at the Airport to provide safe and efficient conditions for aircraft operations and meet FAA requirements.



# 2021 – 2025 Program Map



**PHASING LEGEND:**

	2021 PROJECTS
	2022 PROJECTS
	2023 PROJECTS
	2024 PROJECTS
	2025 PROJECTS

**NOTE:**  
PROJECT WORK INCLUDES PAVEMENT RECONSTRUCTION, CHANNEL DRAIN AND PANEL REPLACEMENT, AND JOINT SEAL REPLACEMENT.



**DRAFT EXHIBIT  
OCTOBER 15, 2021**

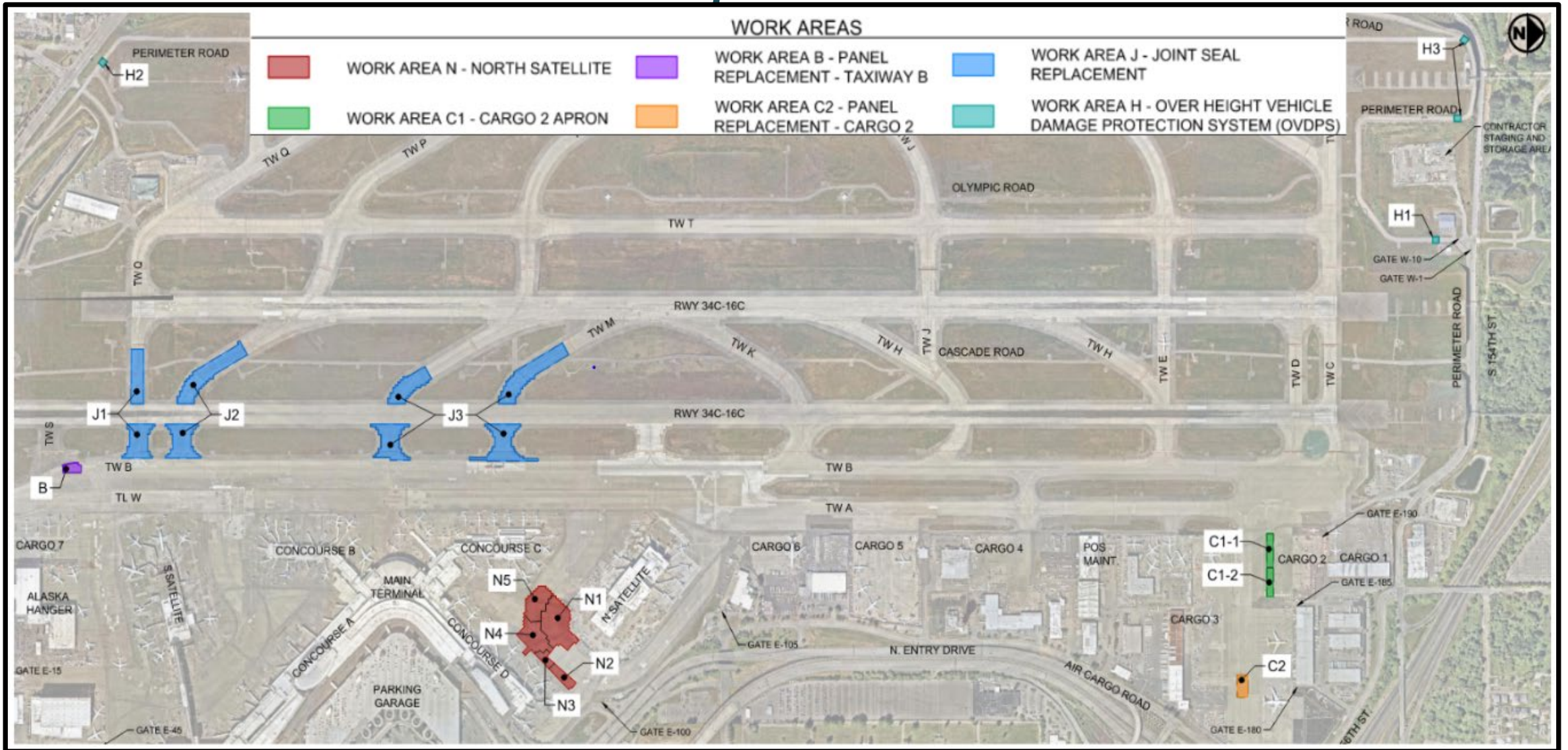


**Port of Seattle** SEA-TAC INTERNATIONAL AIRPORT  
PROJECT NAME: 2022 AIRFIELD PAVEMENT AND SUPPORTING INFRASTRUCTURE REPLACEMENT PROJECT  
SHEET TITLE: 2021-2025 CONSTRUCTION PROJECTS OVERVIEW EXHIBIT 1

# 2021 Airfield Construction



# 2022 Project Locations



# 2022 Project Scope

- Work Area N - Portland Cement Concrete Pavement (PCCP) and supporting infrastructure replacement on portions of the ramp and taxilane serving the southeast side of the North Satellite.
- Work Area C – IWS channel drain upgrade and Cargo 2 Taxilane PCCP replacement.
- Work Area B – Replacement of a portion of Taxiway B PCCP; near the intersection of Taxiway S and Taxiway B.
- Work Area H – Installing over height vehicle clearance bar protection system on Perimeter Road leading to RW 16R-34L Approach Lighting System bridge.
- Work Area J - Replacement of PCCP joint sealant materials and pavement markings on portions of Taxiways M, N, P and Q.

# 2022 Project Schedule

<b>Commission construction authorization</b>	<b>2021 Quarter 4</b>
<b>Construction start</b>	2022 Quarter 2
<b>In-use date</b>	2022 Quarter 4

# 2021-2025 Program Budget

<b>Cost Breakdown</b>	<b>This Request</b>	<b>Total Project</b>
<b>Design</b>	\$0	<b>\$16,000,000</b>
<b>Construction</b>	24,000,000	<b>\$137,500,000</b>
<b>Total</b>	<b>24,000,000</b>	<b>\$153,500,000</b>



# Communication & Outreach

- Developed a Communication Plan for the 2022 Airfield construction season to ensure Air Traffic Tower/Ramp Tower planning, Tenant and Air Carrier awareness.
- Included:
  - AAAC Meetings and MII Process
  - Safety Risk Management Panel
  - Separate meetings with impacted air carriers

# 2022 Project Risks

RISKS	DESCRIPTION	PROBABILITY	IMPACT	MITIGATION
FAA funding application	For projects with FAA discretionary funds applied to majority of work, the grants need to be received prior to issuing NTP. Any delay by FAA could delay the overall project	Low ●	High ●	Close coordination with the FAA Region and ADO. Postpone construction work until receiving FAA discretionary funds
Labor Action	There is a potential that labor and supplier agreement negotiations might impact construction if there is a strike	Med ●	Med ●	Contingency dollars could be used to implement targeted acceleration, as necessary
Weather delays	Potential delay to the overall construction project due to inclement weather	Low ●	Med ●	Contingency dollars will be used for targeted acceleration when weather is favorable