

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

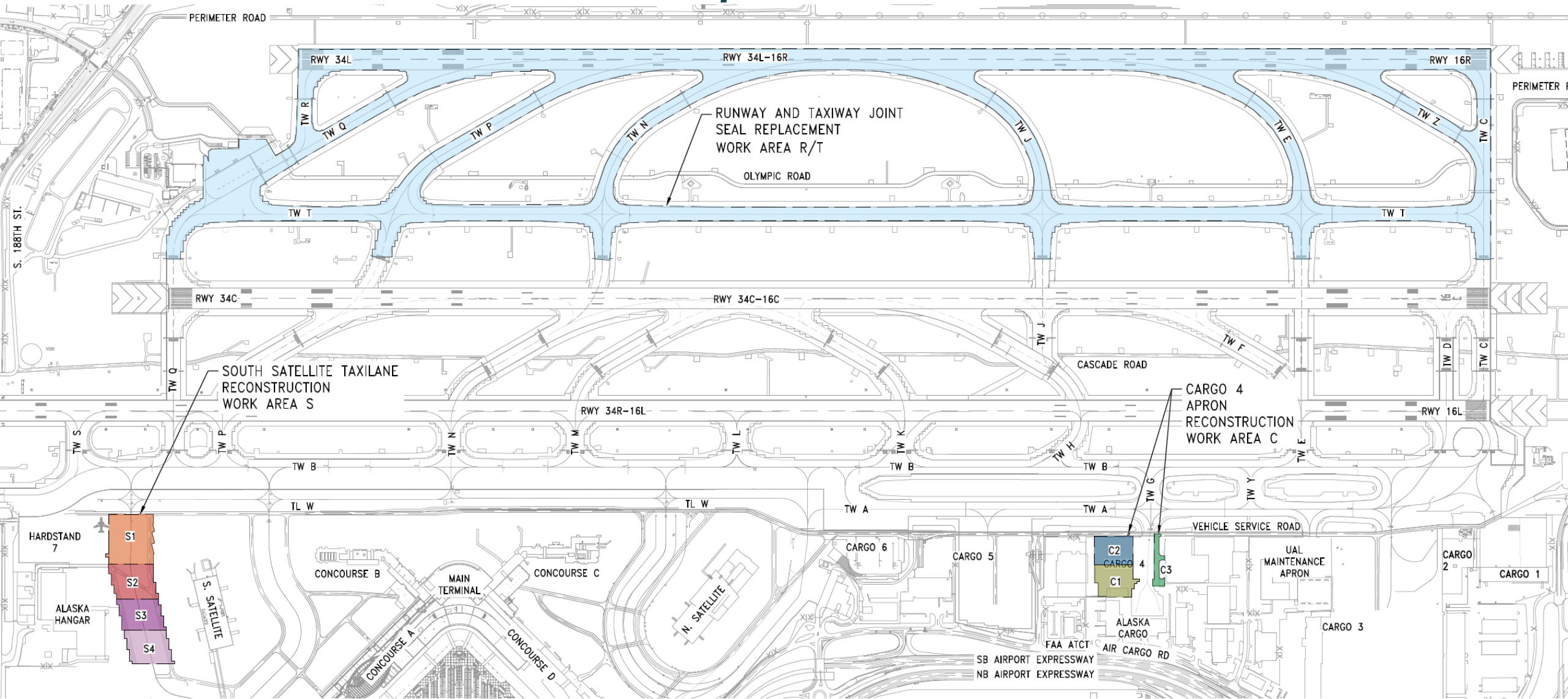
Seattle-Tacoma
International Airport

2021-2025 Program Justification

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



2021 Project Locations



2021 Project Scope

- Work Area S - Replacement of the Portland Cement Concrete Pavement (PCCP) and supporting infrastructure on the south side of the South Satellite.
- Work Area C - Replacement of PCCP, the adjacent Asphalt Concrete Pavement vehicle service road and supporting infrastructure at Cargo 4. Removal of abandoned fuel lines and associated contaminated soil.
- Work Area R/T - Replacement of PCCP joint sealant materials along RW 16R/34L, Taxiway T and associated connector taxiways.

2021 Project Schedule

Commission construction authorization	2020 Quarter 4
Construction start	2021 Quarter 2
In-use date	2021 Quarter 4

2021-2025 Program Budget

Cost Breakdown	This Request	Total Project
Design	\$0	\$13,495,000
Construction	37,900,000	140,005,000
Total	\$37,900,000	\$153,500,000

Communication & Outreach

- Developed a Communication Plan for the 2021 Airfield construction season to ensure Air Traffic Tower/Ramp Tower planning, Tenant and Air Carrier awareness
 - Station Manager Meetings & International Station Manager Meetings
 - AAAC Meetings
 - Air Cargo Stakeholder Meetings
 - MII Process
 - Separate meetings with impacted air carriers
 - Common Use Facility Advisory Committee (CUFAC)
 - Seattle Joint Construction and Efficiency Meetings

Communication & Outreach (Continued)

- FAA 7460 Submittals
- Construction Safety Phasing Plan Submittals
- Technical Reviews meeting with FAA
- Safety Risk Management Panel
- Monthly Operation, Air Traffic Control and Seattle Ramp Tower coordination meetings
- Oversight Presentations
- Monthly Operations Briefings
- Bi-weekly Project/Gate Coordination meetings
- Ongoing coordination with IAF project

2021 Project Risks

- FAA approval to bid, concurrence to award and Federal Funding application process
 - Potential delay to the bidding process, contract execution & construction start
- Aircraft gate outage
 - Gate S5 and A11 impacted by IAF project must be turned to service before the end of March 2021 for the 2021 Project to start in April 2021
 - Potential delay to construction start
- Inclement weather
 - Potential delay to the overall construction progress