Item No. <u>8e supp</u> Meeting Date: <u>April 12, 2022</u>

# Concourse C Temporary Air Handling Units

Seattle-Tacoma International Airport



### Concourse HVAC Concerns

- Most Air Handling Units
   (AHUs) on Concourse C are operating at full capacity.
- Future project to upgrade and replace the AHUs and add smoke control will take several years to complete because of complexity.



**Project Location** 

# Project Scope

- Add two, 5-10 year temporary AHUs
  - Provides additional air required to support existing ADR tenant leases that are soon to be constructed
  - Supports increase turnover rate of air for new restrooms that are currently under construction to improve passenger experience
  - Minimizes impact to operations by connecting to existing ductwork



**Temporary AHUs** 

## Additional Funding

#### Material Costs

- Inflation and supply chain issues has increased costs on multiple components needed for the project
- AHUs have more than doubled in cost

## Additional Piping

- Longer runs needed to provide adequate heating and cooling water to units then initially planned
- Piping costs have gone up along with needed insulation to meet energy requirements

# Project Schedule

- Q2 2022: Finalize design and go out for Bid
- Q3 2022: Start construction
- Q4 2022: AHUs in-use