

# Widen Arrivals Roadways

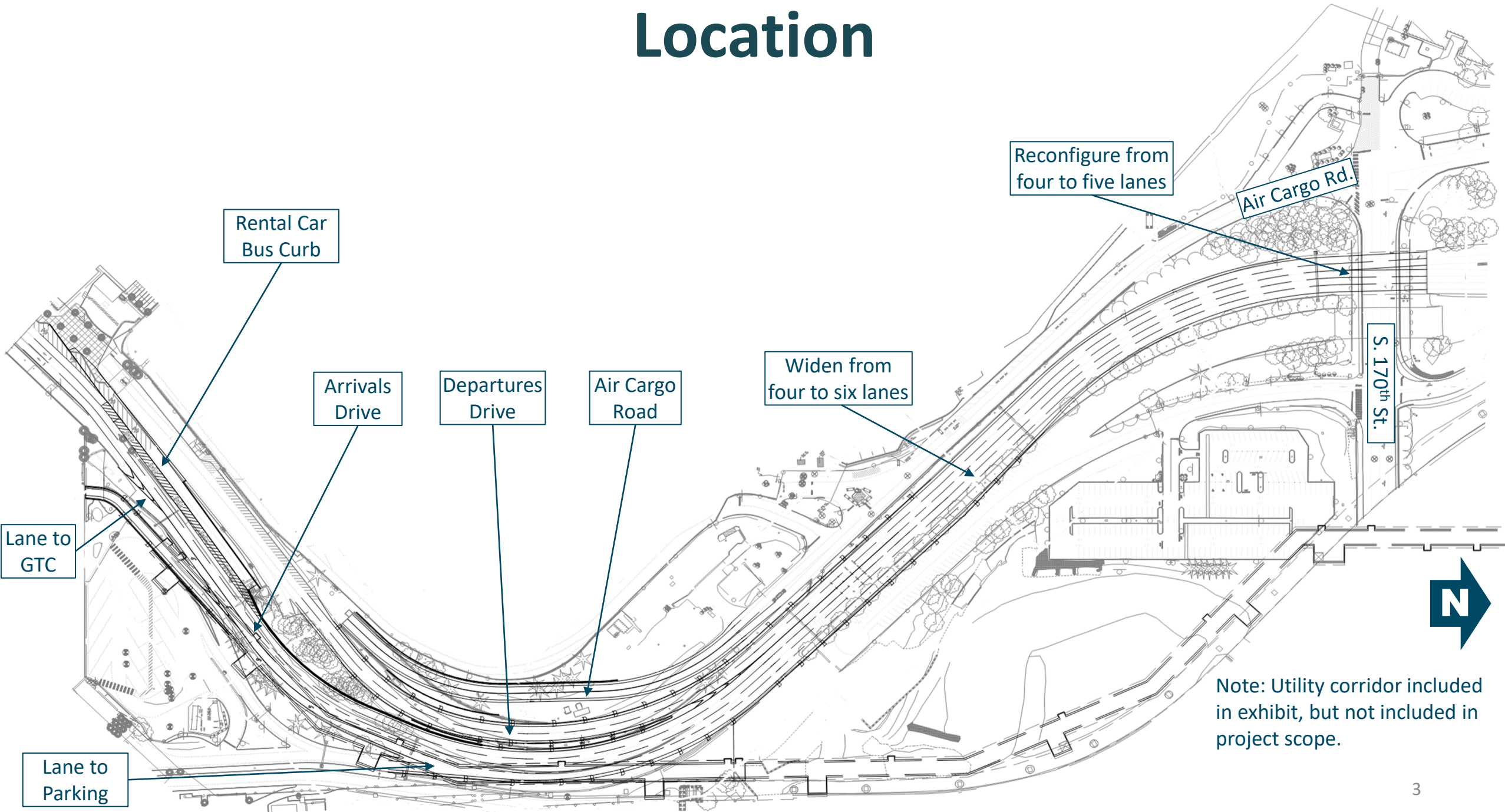
Design Authorization Increase  
and Contract Amendment

# Project Scope

## Scope Items:

- Provide an additional two lanes for a total of six lanes from S 170th Street into the Departures and Arrivals curbsides and Main Garage
- Relocation of utility infrastructure systems to support widening
- Relocate the rental car bus curb to the north
- Demolish the bridge from Departures drive to the Main Garage
- Complete seismic retrofit of north portal of Service Tunnel
- Replacement of power and water utility infrastructure systems that are past their useful life

# Location



Note: Utility corridor included in exhibit, but not included in project scope.

# Justification

## Advance this region as a leading tourism destination and business gateway

- Original roadway system designed to support overall activity level of 25 million annual passengers (MAP)
- In 2019 (51.8 MAP) significant roadway congestion and queueing occurred during peak periods
- With return of airport activity levels congestion and queueing has returned during peak periods
- Queueing could reach I-5/I-405 interchange regularly during summer months in the near-term



# Justification

## Be the greenest and most energy efficient Port in North America

- Meeting or exceeding agency requirements for storm water
- Provides basic roadway capacity and access necessary to support ground transportation strategies under evaluation
  - Reduce environmental impact
  - Advance transportation modes and programs to foster social equity and customer choice

# Current Project Status

- Completed 30% design
- Completed State Environmental Policy Act (SEPA) checklist and issued determination of non-significance
- Requested Airline approval through Majority-In-Interest vote

# Resolution of Previous Risks

## Airport Utilities Master Plan

- Utility Corridor
  - Not included with Widen Arrivals Roadways Project
  - Designing improvements to be forward compatible
- Utility infrastructure system expansion
  - Not included with Widen Arrivals Roadways Project (outside limits)
- Replacement of aging utility infrastructure systems
  - Portion included within Widen Arrivals Roadways Project

# Necessary Scope Changes

Overall project budget increased to \$79.3 million

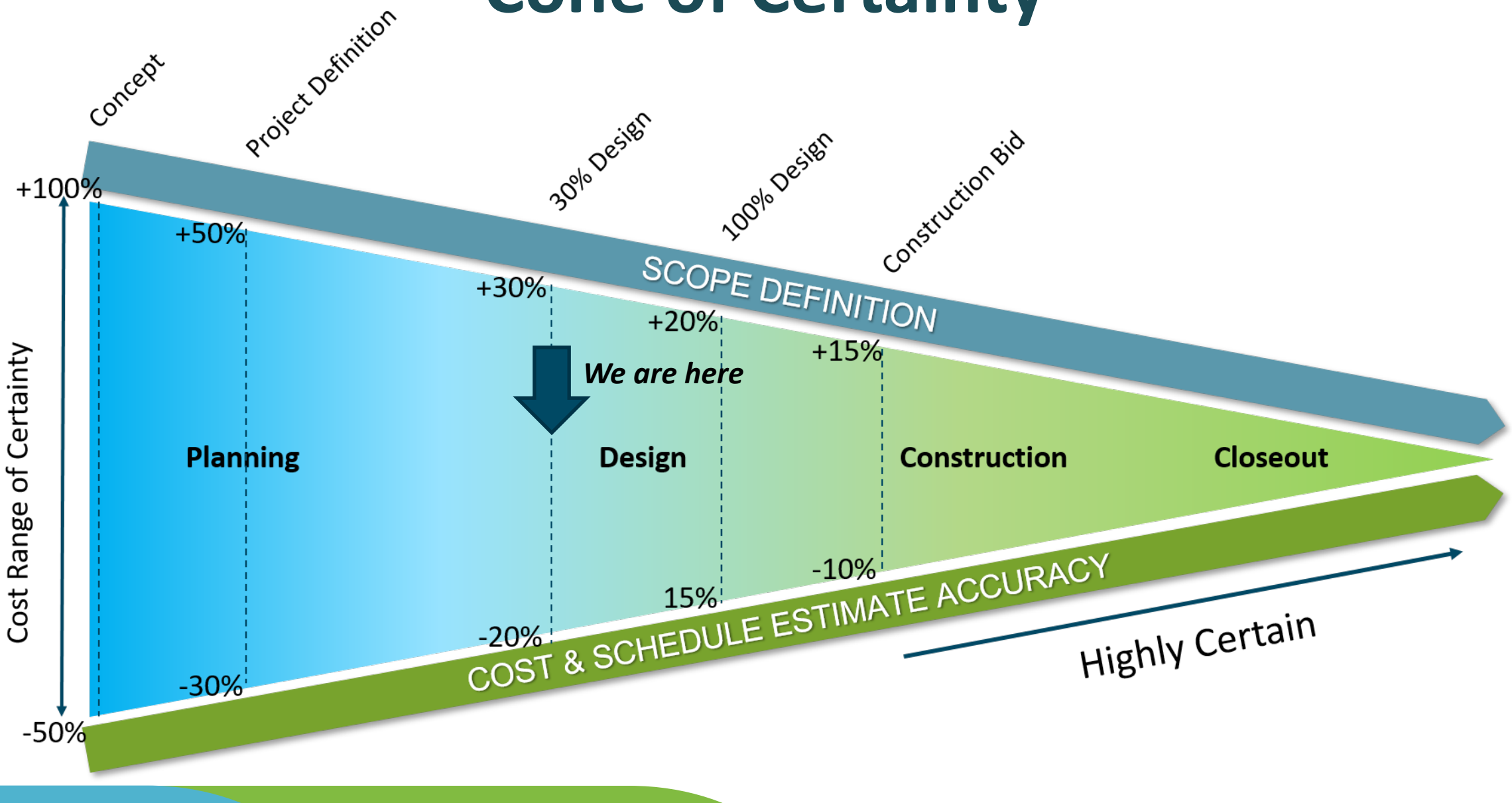


# Project Schedule

Project will be delivered through two phases:

- Early Work – Bridge Demolition
  - Design Complete: Q4 2021
  - Construction Start: Q2 2022
  - In-Use Date: Q3 2022
- Main Contract
  - Design Complete: Q4 2022
  - Construction Start: Q2 2023
  - In-Use Date: Q4 2025

# Cone of Certainty



# Project Risks

Risk	Description	Probability	Impact	Mitigation Plan
Fuel Farm Monitoring Wells	If no further action letter from the DOE, existing wells may have to be relocated at an expense to the project.	M	M	Working with Environmental to decommission as many wells as possible.
FAA Fiber	No impacts anticipated to existing FAA fiber but will be working around it.	L	H	Pothole FAA fiber to confirm location.
Tax Rule 171	Project assumed it was eligible for sales tax exemption.	L	M	Submitted determination request to DOR to confirm.
Access Fees	Port considering access fees and may require additional scope to support.	L	M	Work through the change process if needed.
Design Risks	Project precedes Commission consideration of SAMP NTP and (if approved) project design.	H	M	Track projects and assess changes as they develop.