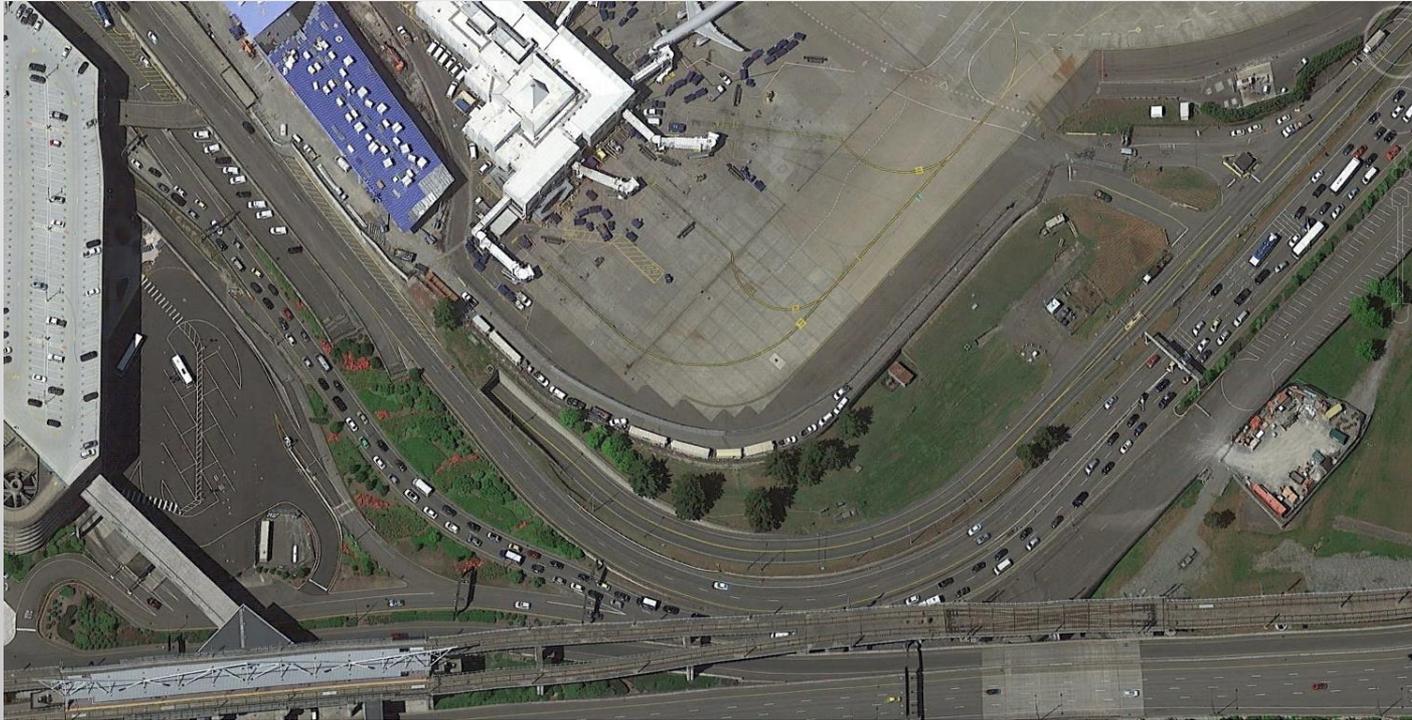


Item No.	8b
Date of Meeting	January 22, 2019

C800866 Widen Arrivals Roadway

Authorization Request
January 22, 2019

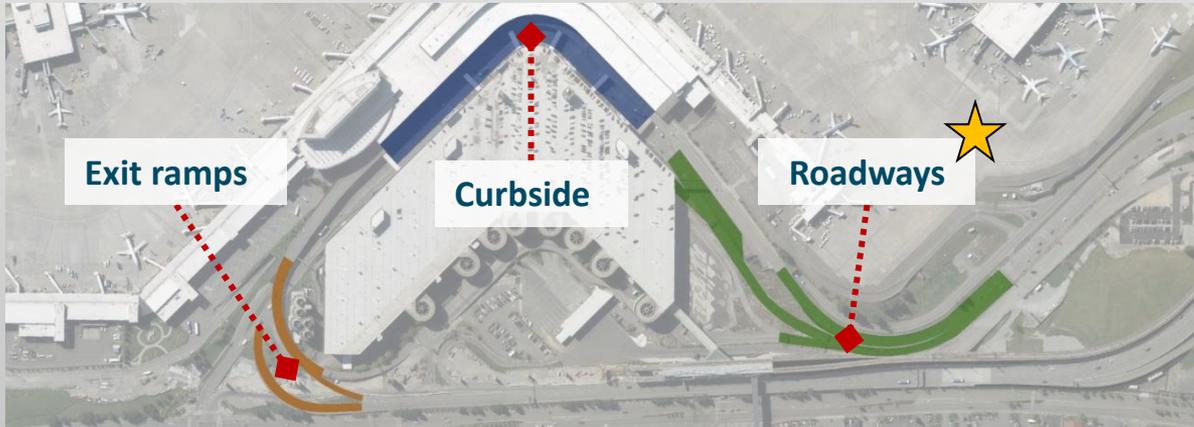
Project Purpose



Current Congestion Levels

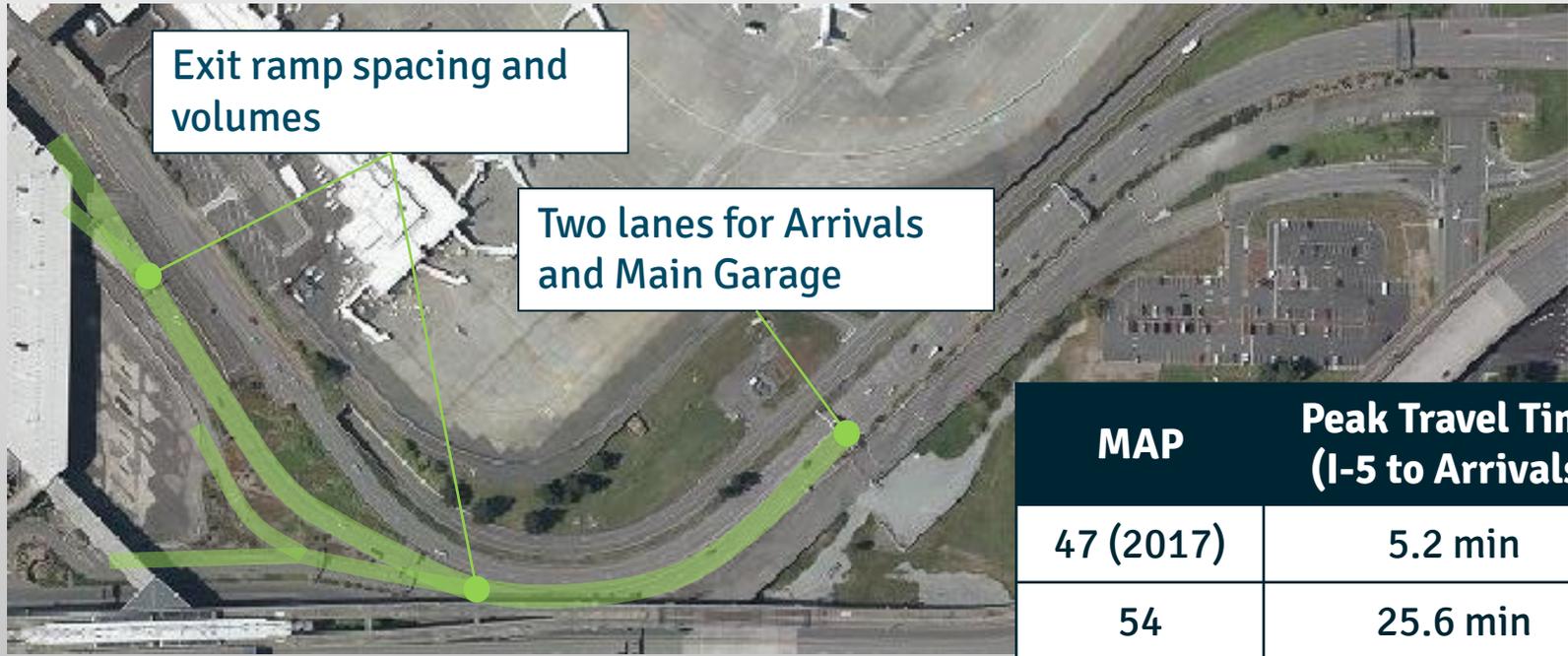
Project Purpose

- Aviation Planning identified bottleneck areas to be addressed in short-term



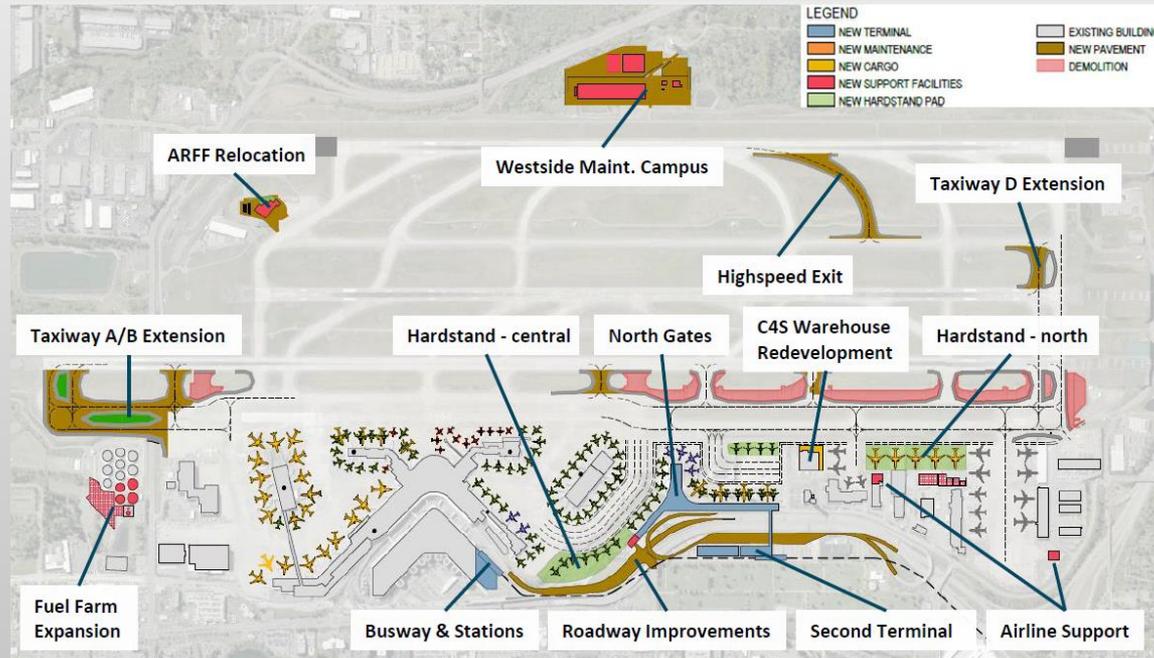
Original Terminal Roadways design for 25 Million Annual Passengers (MAP)

Project Purpose



What are the existing capacity problems? How bad is it?

Future Integration - SAMP



Sustainable Airport Master Plan (SAMP) Near-Term Projects

Future Integration - GTAP

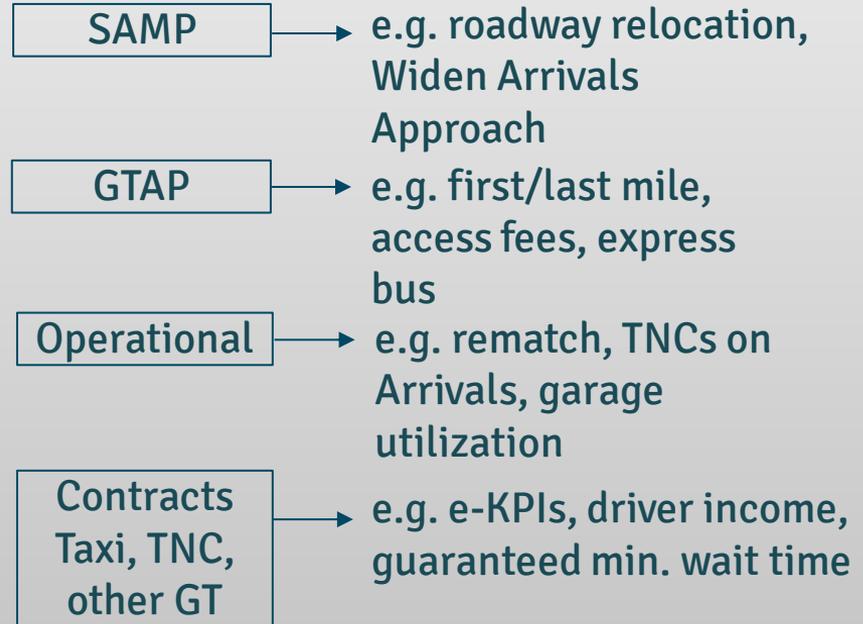
Guiding Principles

- Reduce environmental impact
- Reduce roadway congestion
- Support customer choice
- Social equity
- Generate revenue for sustainable airport

Goals

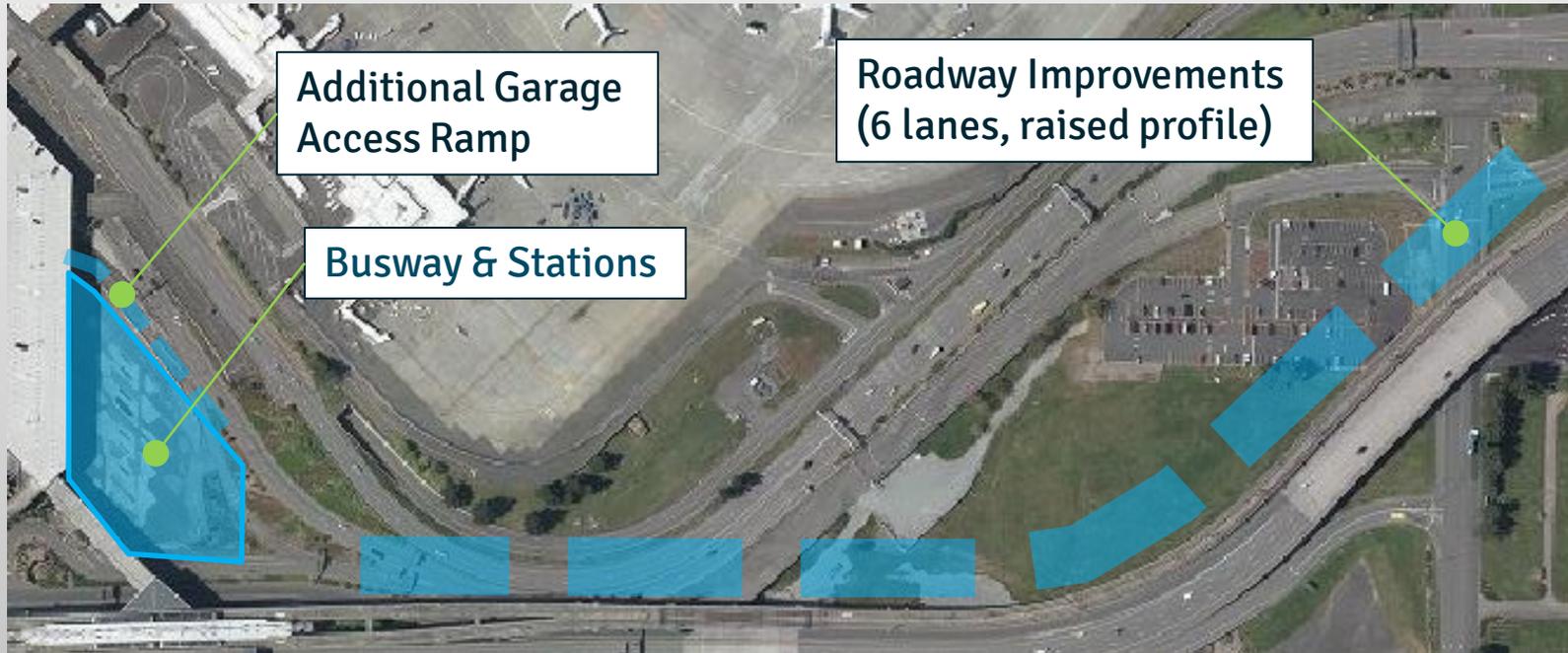
- 50% scope 3 reduction
- 15 minutes tower to curb
- 30% private vehicle pick-up/drop-off
- Social equity
- Financial sustainability

Strategies and Tactics



Supports Ground Transportation Access Plan (GTAP) Strategies

Future Integration



Support Anticipated Future Work – Build it Once

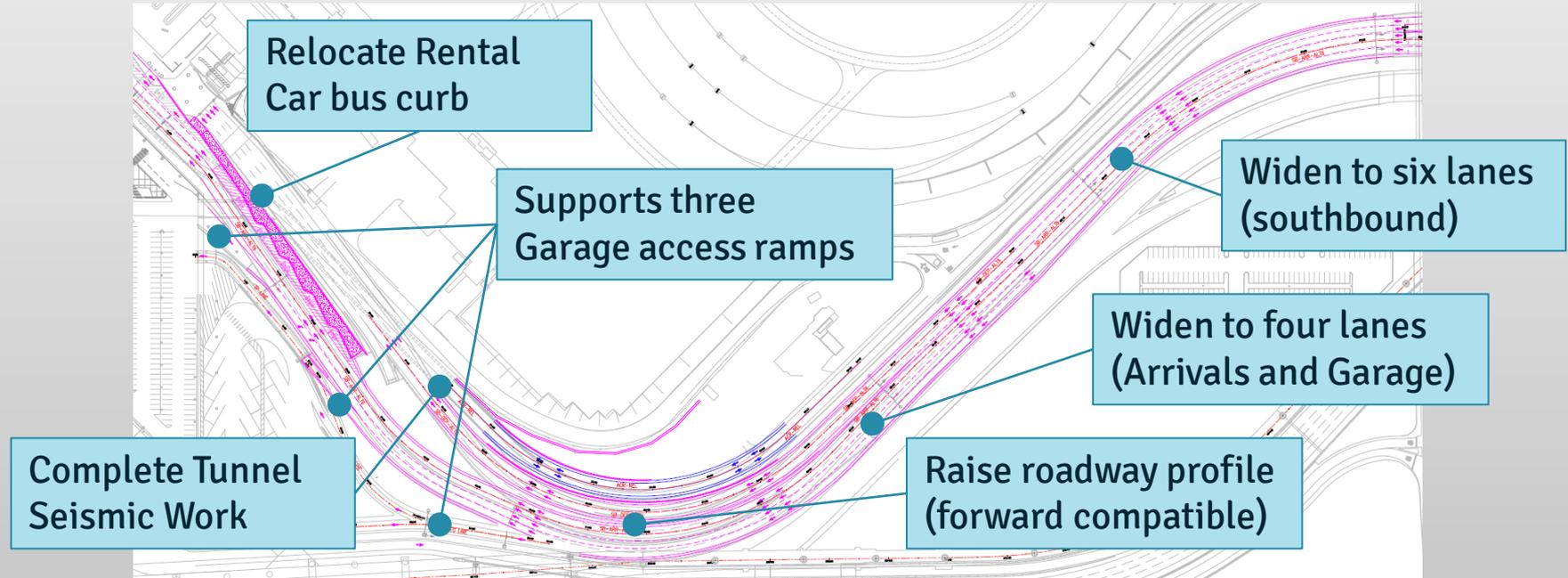
Key Findings

- Additional lanes required to support Main Garage access ramps
 - Either private vehicles or commercial ground transportation services
- Relocating Rental Car bus curb further north improves curbside and busing operations

Key Findings

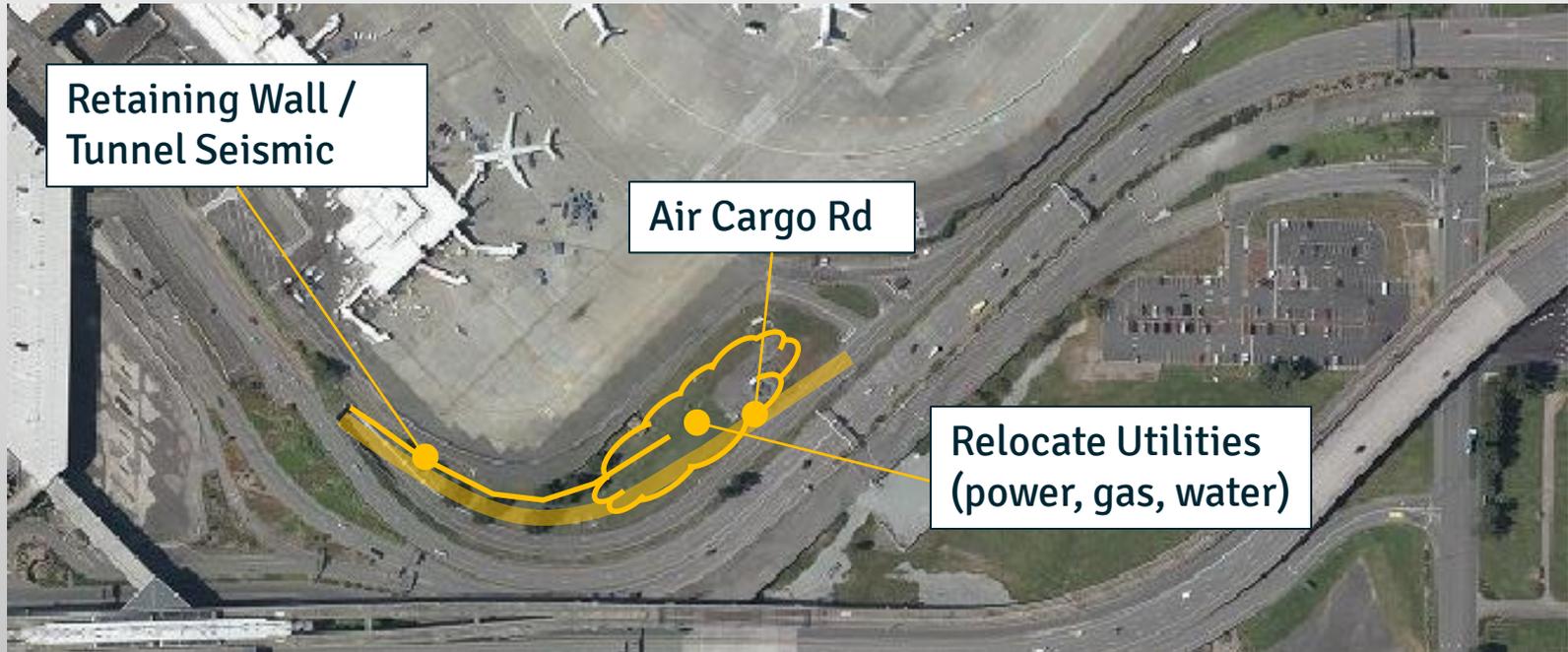
- Need to raise Arrivals roadway profile
 - Supports anticipated SAMP Near-Term Project roadway improvements (2-3 years after opening)
 - Substantial construction impacts with temporary roadways and relocation of major utility systems

Recommended Alternative



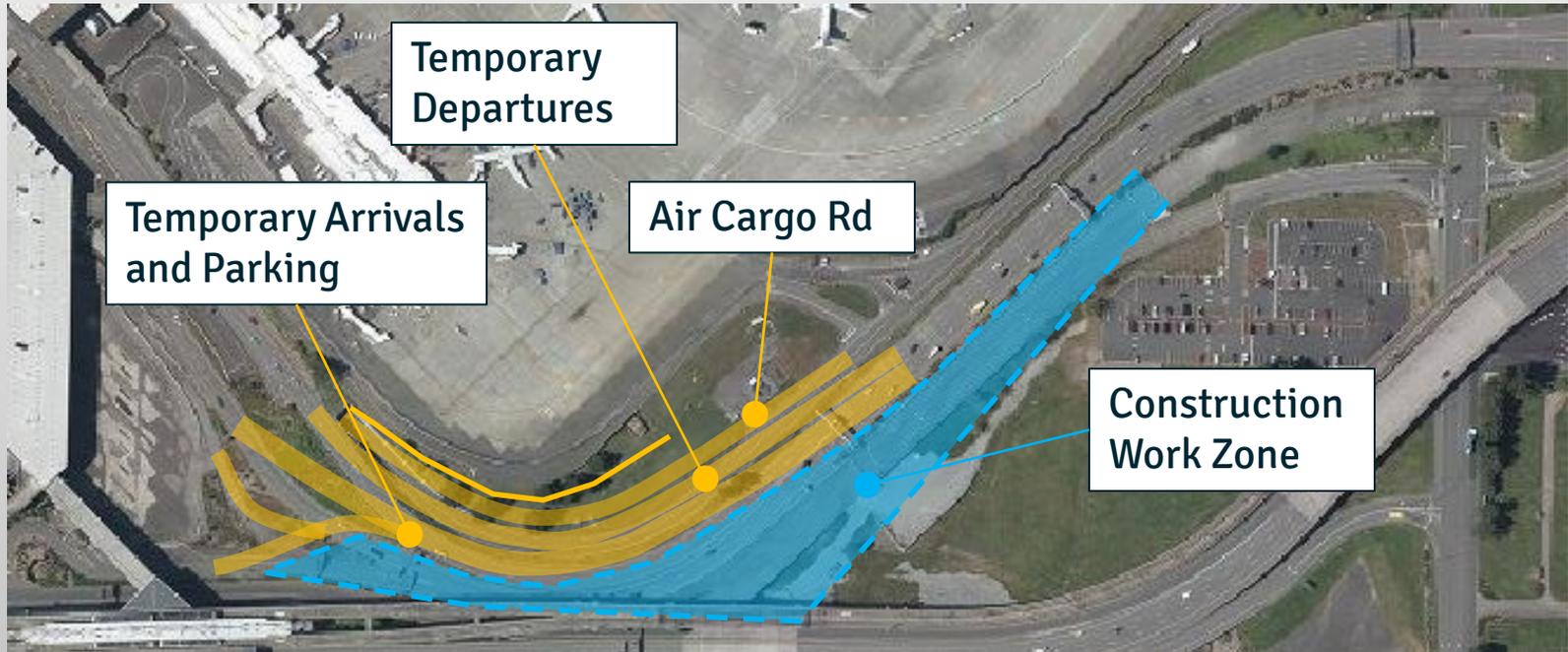
Meets Main Terminal Access Requirements through 54 MAP and beyond

Construction Phasing



Relocate Utilities, Build Retaining Wall, Complete Seismic Work, Relocate Air Cargo Rd

Construction Phasing



Construct Temporary Roadways, Relocate Operations, Begin Roadway Construction

Project Risks

SAMP Near-Term Environmental Review

- Design will proceed at risk and concurrent with environmental review effort
- Construction authorization cannot be pursued until environmental review is completed

Widen Arrivals Roadway is first SAMP Near-Term Project

Project Risks

Airport Utilities Master Plan

- Many facilities and systems located within roadway corridor
- Phased design and construction approach to accommodate likely scope changes

Targeting Completion of Key Airport Utilities Master Plan Elements by Q4 2019

Project Budget

Estimate Project Budget

- C800866 Widen Arrivals Roadway: \$50.0M
 - Design Phase \$8.6M
 - Construction Phase \$41.4M
- Airport Utility Master Plan: TBD

Project Implementation Plan

Anticipated future Commission Actions

- Airport Utility Master Plan Scope Q1 2020
- Phase 1 Construction Q4 2020 *
- Phase 2 Construction Q3/Q4 2021 *

* Construction authorization requires completion of SAMP Near-Term projects environmental review (estimated early 2020)

Transparency - Given Risks Pursuing Phased Implementation Approach