



COMMISSION
AGENDA MEMORANDUM

Item No. 9a

BRIEFING ITEM

Date of Meeting November 9, 2021

DATE: November 1, 2021

TO: Stephen P. Metruck, Executive Director

FROM: Laurel Dunphy, Director Airport Operations
Arlyn Purcell, Director AV Environment & Sustainability
Peter Lindsay, Operations Development Manager, Airport Operations
Leslie Stanton, Environmental Programs and Sustainability Manager

SUBJECT: **Airport Ground Transportation Access Plan Roadmap**

EXECUTIVE SUMMARY

In June 2019, the Commission adopted Resolution No. 3759 (the Resolution) which established key principles and time-sensitive goals for ground transportation activity at Seattle-Tacoma International Airport (Airport) related to greenhouse gas emissions, customer choice, mode shift, and social equity. To meet the goals set forth by the Commission, staff developed the Ground Transportation Access Plan (GTAP); a programmatic planning initiative that explores new strategies and tactics to meet the Commission's ground transportation goals at the Airport by 2030. The strategies and tactics occur across multiple areas, including planning and design for projects, program initiatives such as articulated in GTAP, operational changes, and contracting specifics with tenants and operators.

The Resolution developed the following specific policy goals for the Airport including:

- Reduce Scope 3 greenhouse gas emissions 50 percent relative to 2005 baseline conditions
- Establish and sustain a 30 percent private vehicle pick-up and drop-off mode share
- Maintain a 15-minute maximum travel time from the Airport's clock tower to the curbside loading areas or parking garage

Since adoption of the Resolution, additional priorities emerged as staff engaged in multiple ground transportation study sessions and work advanced in multiple areas, but also was affected by the slowdown in passengers through COVID. The following considerations are a distillation of Commission feedback received over the past year:

- Increase passenger and employee use of high occupancy vehicle (HOV) modes of travel to the Airport
- Minimize private vehicle demand for curbside loading and unloading
- Consideration and focus on social equity measures for impacted communities

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The purpose of this briefing is to review the GTAP Roadmap (the Roadmap)—a step-by-step, multi-year work program to meet the Commission’s adopted ground transportation goals. Staff seek to update the Commission on the wide range of strategies and specific tactics guiding SEA’s ground transportation development, including capital investments such as the Widen Arrivals project. At the core of the Roadmap are four key concepts to organize future work, namely:

- (1) Promoting low carbon modes (e.g., light rail and bus transit, renewable fuel buses)
- (2) Pricing and access fees (i.e., financial incentives to use cleaner modes)
- (3) Management and efficient operations (e.g., identifying preferred uses, minimize transaction costs)
- (4) Promoting HOV modes (e.g., Improved access like moving walkways and electric cart service)

The attached PowerPoint presentation contains the detail and workflow staff anticipate over the coming years. This multi-faceted approach to airport landside development includes commitments in new operating concepts, capital spending, and programmatic initiatives to achieve the Commission’s goals.

ATTACHMENTS TO THIS BRIEFING

- (1) Presentation slides

PREVIOUS COMMISSION ACTIONS OR BRIEFINGS

June 8, 2021 - Ground Transportation Access Plan Study Session: A briefing of the full Commission on the status of GTAP work and progress. The focus of the presentation was on recent accomplishments and future work including the concepts of electrification, increased electrification of ground transportation modes and emphasis on long-term parking.