



Seattle-Tacoma
International
Airport

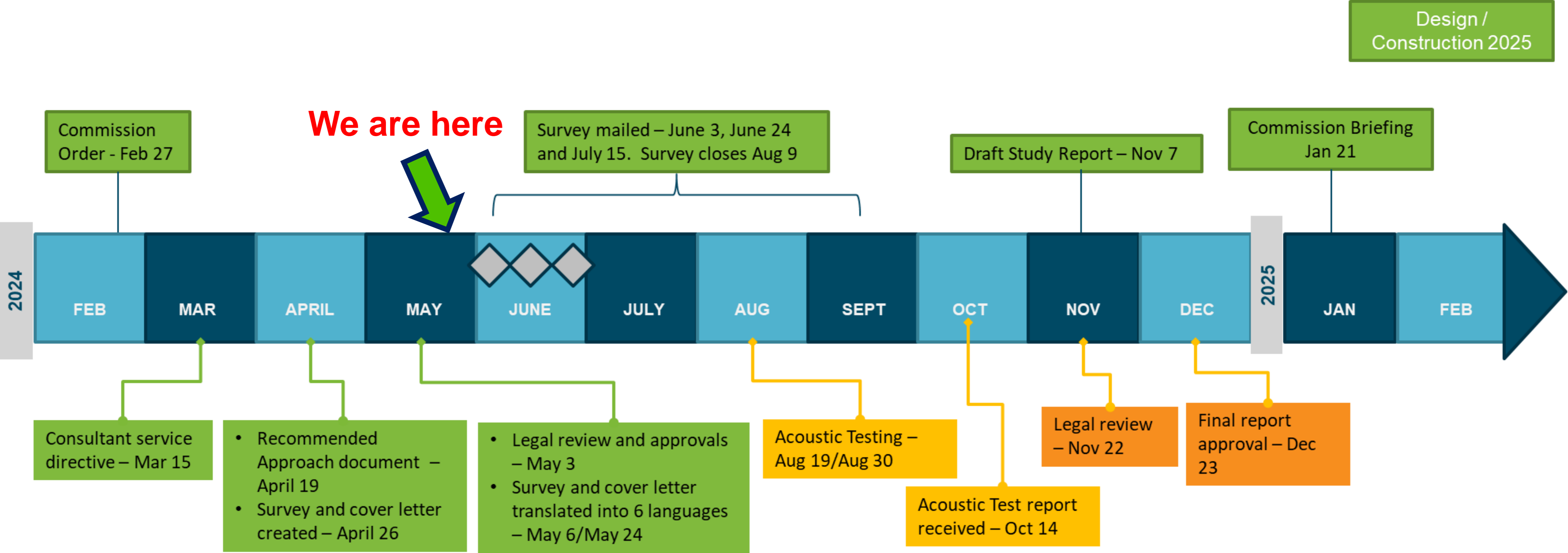
Sound Insulation Repair and Replacement Pilot Program Update


May 22, 2024

Commission Order 2024-04

- February 27, 2024 – Commissioners approved Order 2024-04
 - Sets timeline for completion of an assessment (by end of 2024)
 - Establishment of a Sound Insulation Repair and Replacement Pilot Program
 - Pilot Program will incorporate equity guidelines for participation
- Funded by tax levy
 - Total authorized budget of \$6.5M
 - \$5M set aside for design/construction
- Three defined phases of assessment: Planning Phase; Study and Testing Phase; and Report Phase

Pilot Program Schedule

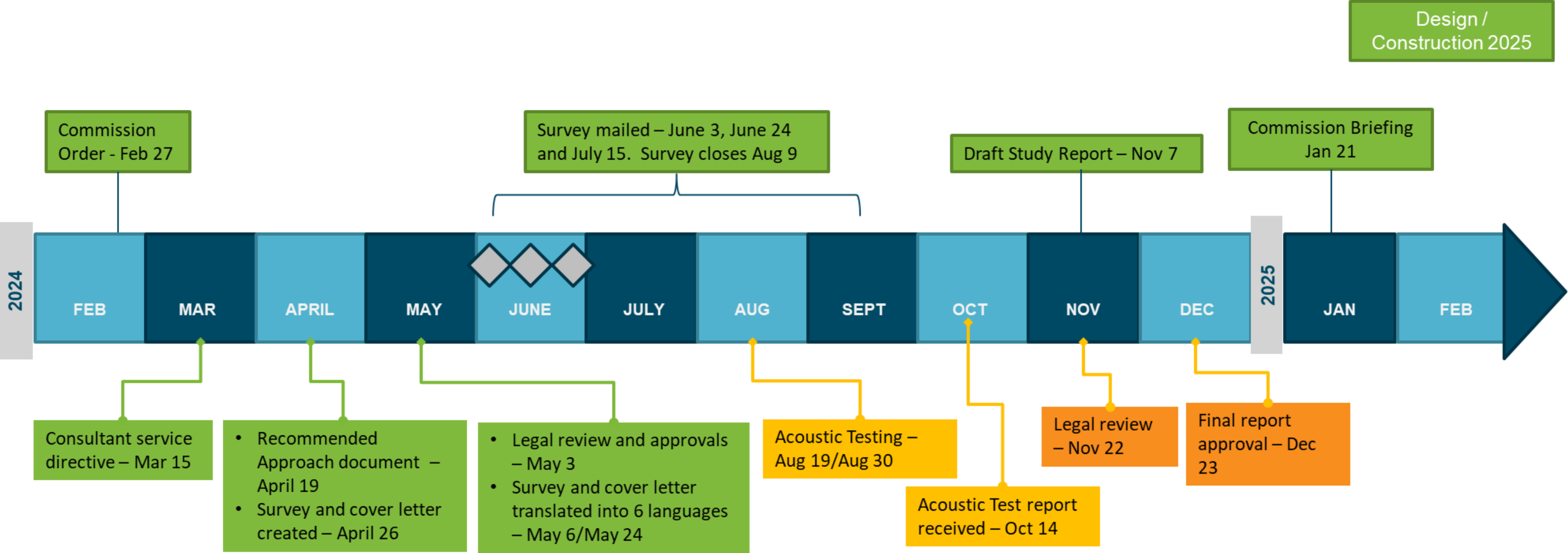


Part 150 Meetings –  June 5, 6 and 8

Planning Phase of Assessment

- Planning Phase
 - Onboard consultant to assist the Port (Environmental Science Associates / ESA)
 - Engage with Office of Equity, Diversity, and Inclusion and other relevant Port departments throughout entire process
 - Establish scope of the assessment
 - Is there a correlation between defects in existing Port-sponsored sound insulation packages and potential increases in noise levels in the interior of homes? If so, what is the correlation?
 - Development of survey and mailer
 - Translation of survey and mailer

Pilot Program Schedule



Part 150 Meetings – June 5, 6 and 8



Study and Testing Phase of Assessment

- Study Phase
 - Send out mailers for access to survey (June 3, June 24, July 15)
 - Describes the survey as a method to gather data to assist the Port in gaining a better understanding about the current condition of Port-sponsored sound insulation packages
 - Participation in the survey does not guarantee repair, replacement, or maintenance
 - Among many other questions, the survey asks about the number of windows and doors, styles and interior/exterior conditions of windows and doors, whether the windows and doors have been replaced and/or remodeled
 - Allows for residents to provide additional comments and upload pictures
 - Takes approximately 10 minutes to complete

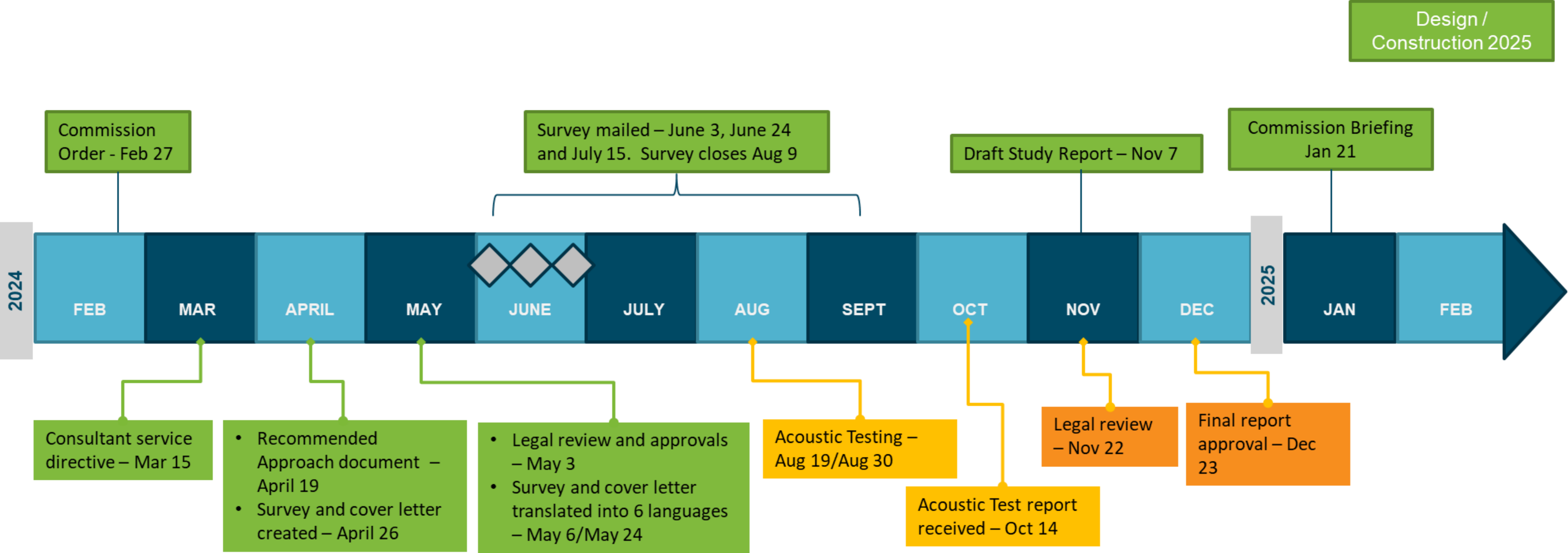
Study and Testing Phase of Assessment (cont.)


- Study Phase (cont.)
 - Unique QR code/link associated with each address to take survey on phone/computer
 - Mailer/survey will be translated into six (6) additional languages (Spanish, Vietnamese, Amharic, Somali, Chinese, and Korean)
 - Physical copies of survey available upon request in seven (7) languages
- Survey responses will be compiled in a database (survey response closes August 9) and data will be analyzed

Study and Testing Phase of Assessment (cont.)

- Testing Phase
 - As a result of the study phase, a sampling of homes will be acoustically tested in the 2nd half of August 2024
 - Acoustic Testing of approximately 30 homes
 - Acoustic testing will include different manufacturers of Port-sponsored installations over a 25-year period
 - Entire home will be acoustically tested
 - Comparing rooms/homes with windows or doors with no existing defects with those with potential existing defects
 - Acoustic Testing Report mid-October 2024

Pilot Program Schedule



Part 150 Meetings - June 5, 6 and 8 

Report Phase of Assessment

- Report Phase
 - Analysis of survey and acoustic testing data
 - Compilation and review of Draft Report by November 22
 - Compilation and review of Final Report by December 23
 - January 21, 2025 - Commission Briefing

Next Steps

- Send out mailers for access to survey – June 3, June 24, July 15
- Part 150 Study Public Meetings
 - June 5 – Gregory Heights Elementary School (Burien)
 - June 6 – Mt. Rainier High School (Des Moines)
 - June 8 – Glacier Middle School (SeaTac)
- Analysis of survey results
- Survey closing – August 9
- Acoustical Testing – August 19 – August 30

Thank You!



SEA

Seattle-Tacoma
International
Airport

Operated by the
Port of Seattle

FlySEA.org

