SEA SOUND INSULATION PROGRAMS

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Agenda

1. Sound Insulation Update
   – Acceleration overview
   – Program status update
   – Funding
Acceleration Motion

• Commission passed Motion 2020-4: Acceleration of Sound Insulation Programs.
  – Port of Seattle Executive Director shall take necessary actions to accelerate the airport Sound Insulation Program to complete by 2026.

• To meet the Commission Motion:
  – 2 additional staff have been hired to oversee the program
  – 70+ other staff will support the project as needed
  – 2 Consulting firms have been hired for construction related services
Potentially Eligible Properties

Legend

- Current Sound Insulation Boundary
- Places of Worship
- Single Family
- Multi-Family
- City of Burien
- SEA Runways

Sources: Esri, HERE, Garmin, Intermap, Acton, Fema, iClock, Getmapping, Bedrock Atlas, GeoEye, Earthstar Geographics, MapmyIndia, AeroGRID, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community
Program Eligibility

• Residential parcels must be located within the Noise Remedy Boundary

• Been built prior to the enactment of local building codes that either met or exceeded noise reduction program goals
  – 1986 in Des Moines
  – 1987 in all other areas

• Must pass a noise audit to determine if the interior noise levels are at least 45 dBA DNL
History of Sound Insulation

Sound Insulation Program

• Single-Family Homes - over 9,400 sound insulated since 1985
• Condominiums – five complexes sound insulated (246 units)
• Highline College – Approximately $14M for sound insulation in 14 buildings
• Approximately $300M on sound insulation projects
Highline School District

• Memorandum of Agreement signed in 2002 to assist with reimbursement funding for reconstruction of noise impacted schools
  – $50 million from FAA
  – $50 million from Port
  – 15 Schools in the agreement
    • 10 completed, 5 remaining
  – Project timing is dependent on the School District’s construction schedule
Single-Family Homes

- Remaining 140 homes potentially eligible
  - Goal of 13 (or more) to be completed in 2022
  - 62 homes have applied
  - 9 homes have been completed in 2022
  - 5 homes are in line for construction in 2022
  - Noise testing will be accomplished as needed throughout the year
  - Continued outreach to owners that have not participated
Condominiums

- Villa Enzian – Des Moines (28 units)
  - 7 units completed in 2021
  - 7 units completed in 2022
  - 14 in process/under construction to be completed by end of 2022
Apartment Sound Insulation

• 18 complexes (903 units)
  – 14 Applications received
  – 11 Acoustic testing passed
  – 1 Acoustic tested did not pass
  – 2 Declined to participate
  – 5 buildings (215 units) currently in design

• Construction contract procurement underway by year end

• Construction anticipated early 2023
Places of Worship

• 7 Places of Worship identified and contacted
• Received 5 applications
  – 4 structures passed the noise audit
  – 1 structure did not pass the noise audit
  – 1st structure to begin construction fall of 2023
Funding

• Total funding through 2026 is estimated at approximately $200M
• Funding includes Federal Aviation Administration (FAA) Airport Improvement Program (AIP) Grants at 80% of eligible items
• Funding will include approximately $8M received from the sale of past FAA grant funded noise acquired land that was sold
• If the FAA grants fall short, the Port is committed to upfront funding with anticipation that future grants could be used for reimbursement
Questions?