

SEA SOUND INSULATION PROGRAMS

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Agenda

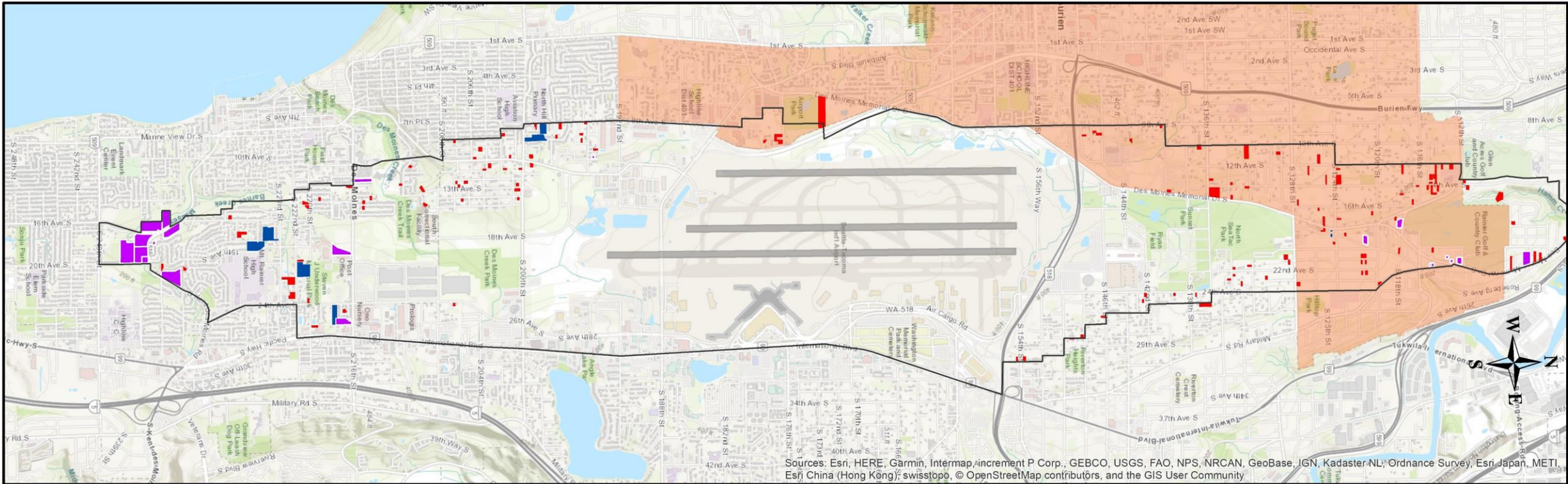
1. Sound Insulation Update

- 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



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

Legend

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

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

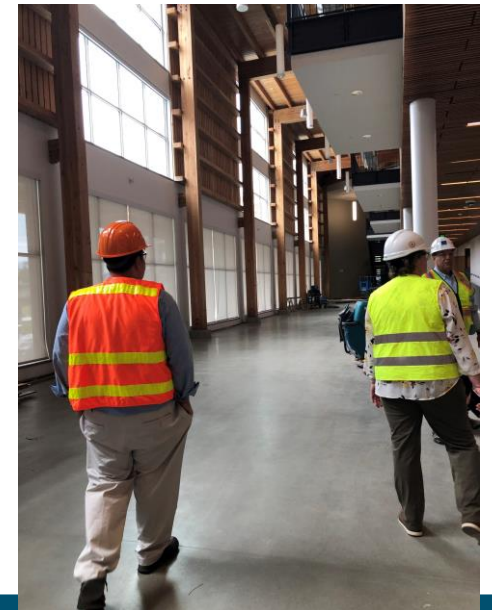
History of Sound Insulation

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?