

# SEA SOUND INSULATION PROGRAMS

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# Agenda

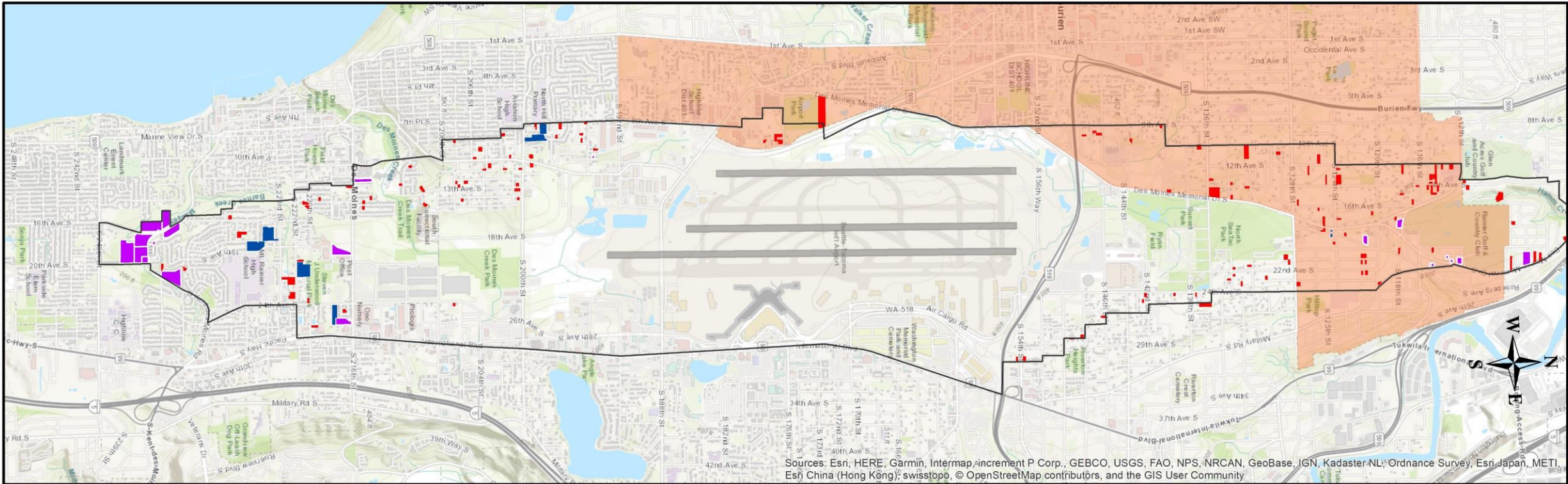
## 1. Sound Insulation Acceleration Update

- Acceleration overview
- Program status update
- Funding

# Acceleration Motion

- Commission passed Motion 2020-4: Acceleration of Sound Insulation Programs at the Port on February 25, 2020.
  - 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

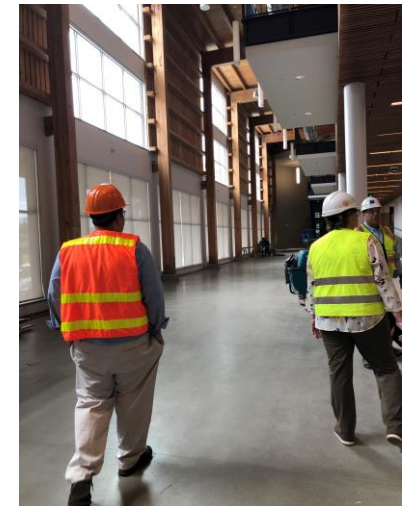
# History of Sound Insulation

## 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 funding reconstruction of noise impacted schools
  - \$50 million from FAA
  - \$50 Million form Port
  - 15 Schools in the agreement
    - 10 completed, 5 remaining



# Single-Family Homes

- Remaining 140 homes potentially eligible
  - Goal of 13 to be completed in 2022
  - 62 homes have applied
  - 25 on hold at the request of owners
  - 4 homes have been completed in 2022
  - 9 homes are in line for construction in 2022
  - Noise testing will be accomplished as needed throughout the year





# Condominiums



- Villa Enzian – Des Moines (28 units)
  - 7 units have been completed in 2021
  - 21 units to be completed in 2022



# Apartment Sound Insulation

- 18 complexes (903 units)
  - 14 Applications received
  - 11 Acoustic testing passed
  - 1 Acoustic tested did not pass
  - 2 Declined Acoustic testing
  - Working on subordination agreements
  - 5 buildings (215 units) currently in design
- Seeking Port Commission approval for contracting August 2022
- Construction anticipated early 2023



# Places of Worship Planning

- 7 Places of Worship identified
- Received 5 applications
  - 5 structures noise audited – June – waiting on results
  - 1<sup>st</sup> 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%
- 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?