

Sound Insulation and Acquisition Briefing

April 28, 2021

Agenda

1. Noise Programs Overview
2. Ongoing sound insulation programs
3. Future sound insulation programs
4. New FAA policy for homes insulated prior to 1993

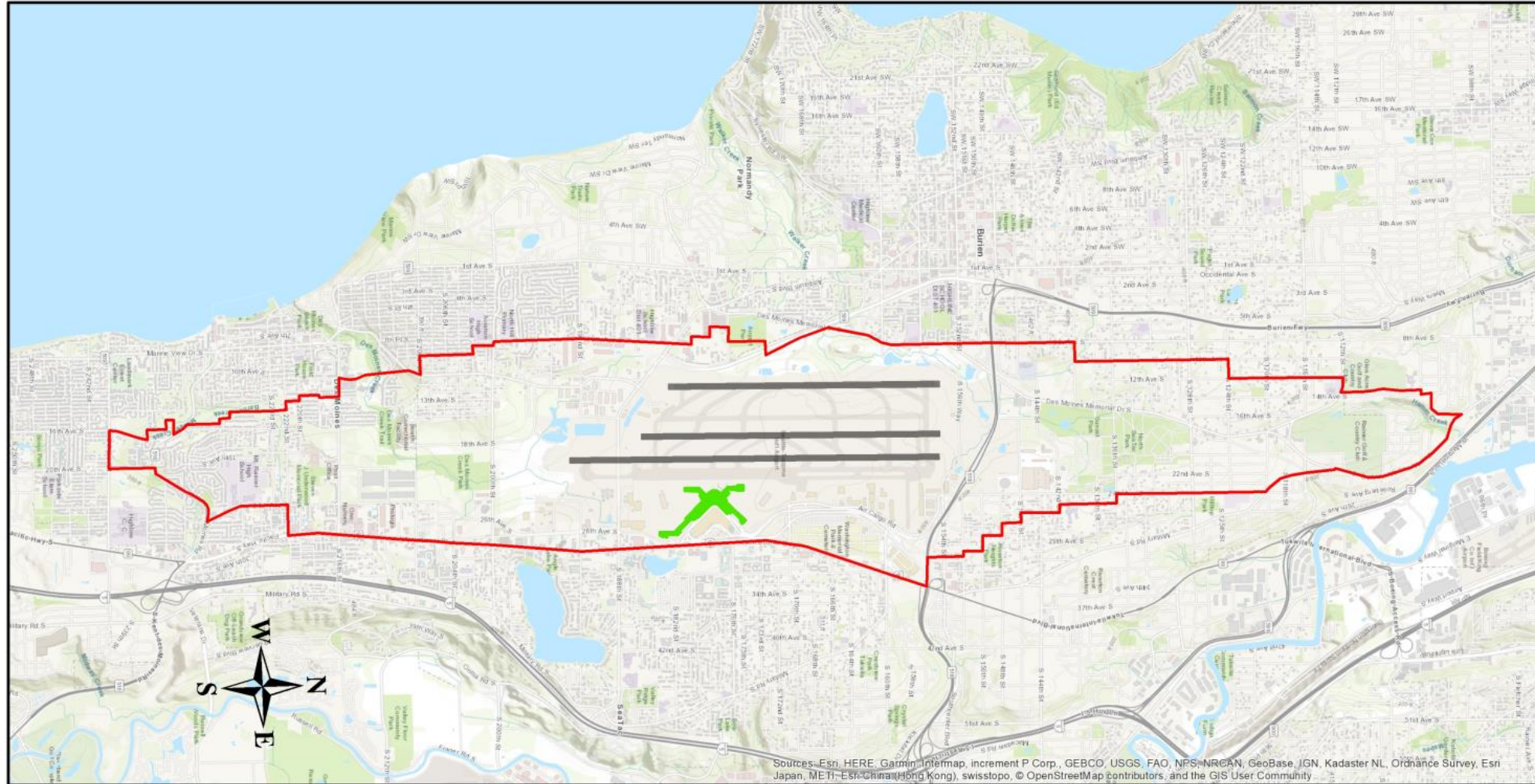
Noise Mitigation Accomplishments

- Sound Insulation Completed
 - Began in 1985
 - Approximately 9,400 homes
 - 9 Highline Schools
 - 5 condominium complexes, 246 units
 - 14 buildings on the Highline College Campus
- Acquisition Completed
 - 5 mobile home parks, 359 mobile home units
 - 69 homes north of the 3rd runway
 - 1,400 single family homes including 3rd runway acquisition
- Approximately \$300 million spent on sound insulation
- Approximately \$100 million spent on acquisition programs

Project Funding

- FAA Airport Improvement Program (AIP) Grant Funded
 - 80% of eligible costs (direct acoustical)
 - 20% airport match
- Airport funds all non eligible costs through other sources of revenue.

SEA Noise Remedy Boundary Based on 65 DNL Noise Contour



Sound Insulation Requirements

- Homes must be built prior to 1986 in Des Moines and 1987 in all other areas – building codes meet or exceed FAA standards after these dates
- Homeowners are required to sign an aviation easement
 - Homes with mortgages must obtain a subordination agreement from their lender(s)
- Homes must have a 45dB DNL or greater interior noise level during a noise audit to be eligible



Ongoing Sound Insulation Programs

Single-Family Sound Insulation

- Began in 1985
- Over 9,400 Single-Family homes completed
- Approximately 140 homes remain eligible
 - 39 homes in process
- Continuous outreach to get remaining homes into the program
- Goal of completing 10 or more homes in 2021



Condominium Sound Insulation

- 28 units - Villa Enzian in Des Moines / 7 units will be under construction this year
- 60 units - Whispering Brook Condominiums in Des Moines planned for construction in 2022



Future Sound Insulation and Acquisition Programs 2021-2026

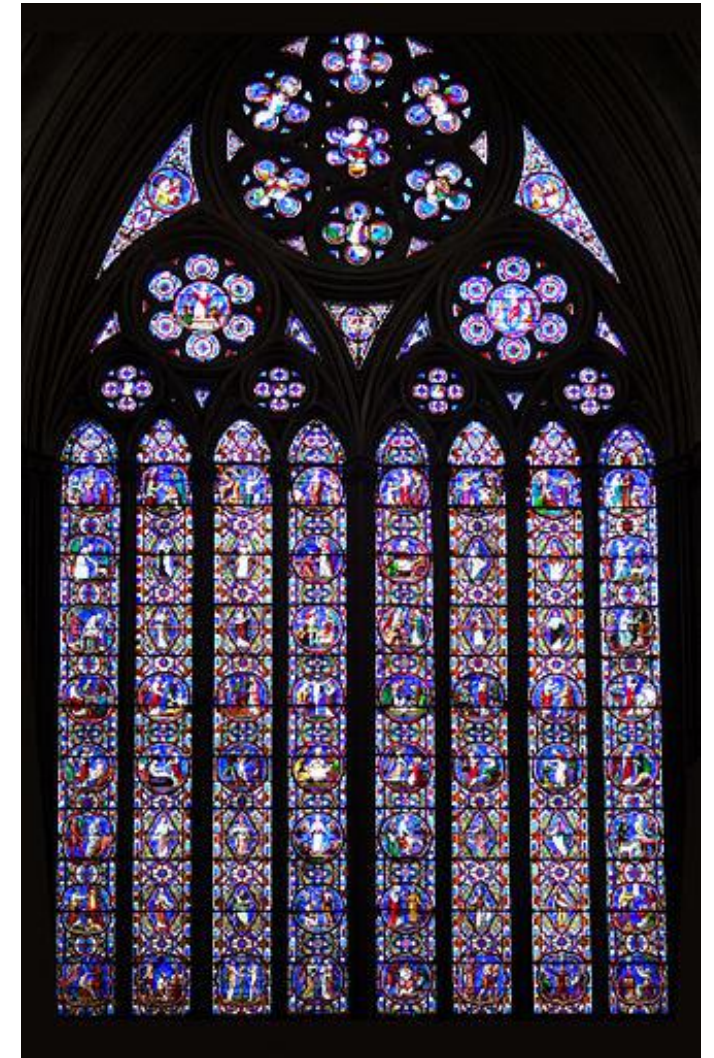
Apartment Sound Insulation

- 18 complexes potentially eligible in Burien, Des Moines, and SeaTac
- Approximately 903 units



Places of Worship Sound Insulation

- 7 structures identified as potentially eligible in Burien and Des Moines
- Unique architectural features can create challenges for sound insulation



Future Voluntary Residential Acquisition, Approach Transition Zone (ATZ)

- ATZ is a 2,500 ft area off the end of the Runway Protection Zone (RPZ)
- Approximately 2 single-family homes and 1 apartment building
- Program is voluntary
- Estimated to begin program in 2023
- Eligible for FAA grant funding at 80% of eligible costs



School Sound Insulation

- MOA in place with Highline School District, FAA, and the Port for sound insulation funding
- Funding sources
 - FAA grant
 - Port of Seattle airport revenues
 - Tax levy
- 9 schools completed
- 6 schools remain
- Des Moines Elementary recently completed
- Highline High School is under construction



New FAA Policy For Re-Insulation of Projects Insulated Prior to 1993

- FAA Grant Funded – Competes with other sound insulation projects for funding
- Homes sound insulated prior to July 1993
- Homes must pass a noise audit to prove that the interior noise levels are 45dB or higher
- Homes must be located within the current 65 DNL noise contour

Thank You
Questions?