



Pilot Program Homeowner Information Meeting

December 1, 2021

Agenda:

- **Introductions / Meeting Info**
- **What is Sound Insulation**
- **What is a Pilot Program**
- **Sound Insulation Improvements**
- **Sound Insulation Process**
- **Schedule**
- **Acoustical Testing (Next Week)**
- **Contact Us with Questions and Comments**

Some Information about this Meeting

- Meeting is being recorded
- Recording and Slide Deck will be available at
<https://www.btvsound.com/pilot-program/>
- We have muted all microphones during the presentation
- Please keep questions general

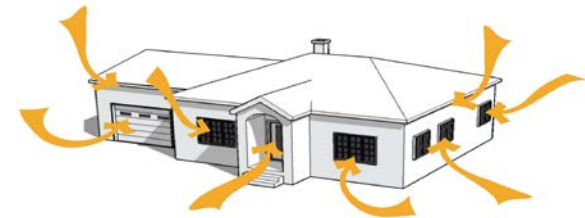
What is Sound Insulation?

A construction project that will reduce interior noise levels within a home with the installation of acoustical products.

It is paid for by the Airport and FAA grants.

FAA Required Noise Reduction Goals

- Interior noise levels not greater than 45 DNL and;
- Reduce existing interior levels by 5 dB



(DNL) - Average Annual Sound Levels that represent the sound levels over a 24-hour period, while taking into account quiet periods as well as aircraft over-flights.

Calculating 45 DNL is measuring the difference between how much sound penetrates from the outside to the inside of your home.

What is a Pilot Program?

A small group of homes that undergo the sound insulation process to ensure all program policies and products are in place before starting a larger sound insulation program.

Sound Insulation Improvements

Allowable sound insulation measures may include:

- Replacement of windows
- Replacement of doors
- Addition and/or replacement of caulking and weather stripping
- Installation of central air-conditioning or ventilation systems where none exist



Sound Insulation Improvements

Additional measures may be

- Addition of attic and/or wall insulation
- Addition of extra layers of wall and/or ceiling board
- Removal or treatment of through-wall A/C units
- Removal mail slots, pet doors, milk chutes



FAA Designated Eligible and Non-Eligible Rooms

- Eligible for Treatment (above grade):

Living areas

Bedrooms

Kitchens

- Not Eligible for Treatment

Bathrooms

Laundry

Garage

Storage areas

Utility Areas

Sunrooms

Enclosed Porches

Non-code complying rooms

Residential Sound Insulation Pilot Program

1. Research & Prep.



2. Community Outreach



3. Acoustical Testing



7. Support



PLANNING

SCHEMATIC DESIGN

DESIGN AND BIDDING

CONSTRUCTION



PRE-TREATMENT



POST-TREATMENT

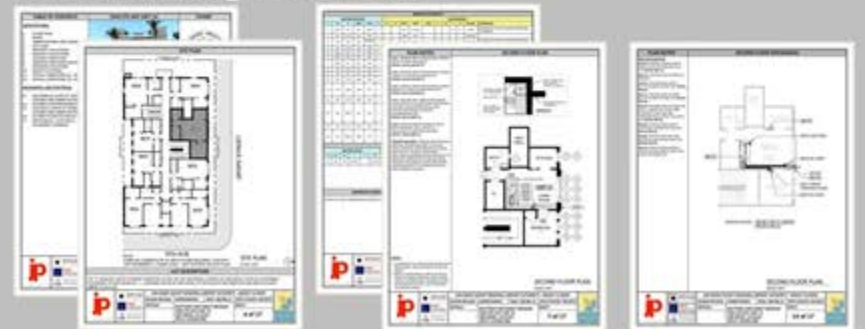
4. Site Assessment Visits



5. Develop Designs



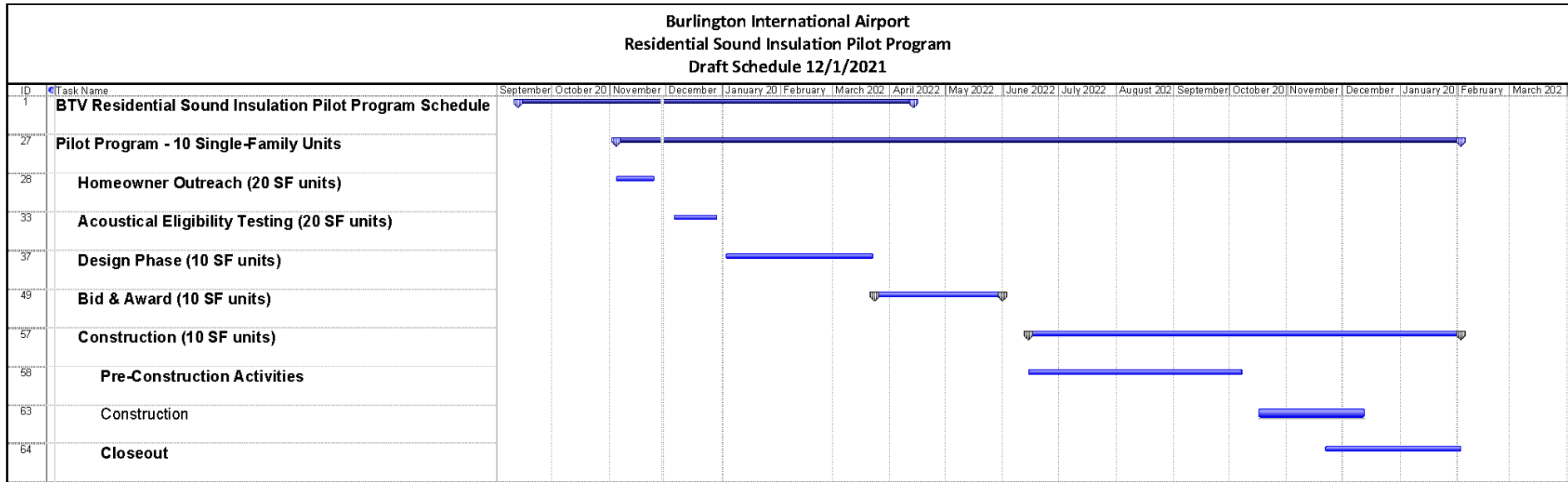
6. Finalize Design Documents



The Process & the Documents



Residential Sound Insulation Pilot Program



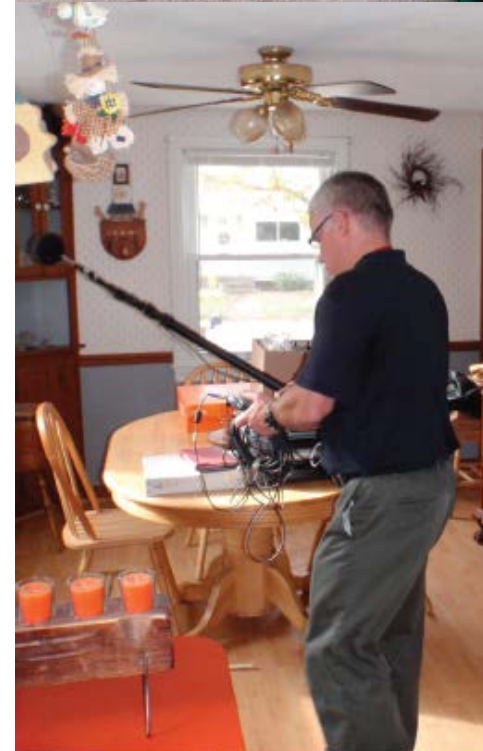
Acoustical Testing

Determines your home's interior noise level

A loudspeaker with a signal generator is placed outside of the home and an artificial noise is transmitted to the exterior of the home.

45 dB and Above: Eligible for Full Treatment Package

44 dB and Below: May be Eligible for Secondary Treatments



Preparing for Your Acoustical Test

- Each test take 60-90 minutes
- Acoustical team (3 persons) will be entering eligible rooms
- All persons will wear masks and socially distance
- Remove window A/C or fan units
- Install and close all storm windows and doors
- Make sure all windows are closed and fully accessible
- Open all curtains, drapes, and blinds open
- Secure your pets in a single room (preferably the bathroom)

Contact Marcie to schedule your test. 802-363-3501

Things YOU Need to Know....

- This is a **VOLUNTARY** program
- There is No cost to participate
- There is NO avigation easement
- Program Application due at the time of your acoustical test
- **Can decide not to participate after review of recommended treatments**
- Pilot Program is 10 homes. Any additional homes will go into next design group. Homes are prioritized by noise contour level

Residential Sound Insulation Pilot Program

Should you have any questions or concerns, please contact:

Marcie Diaz-Hadley

802-363-3501

Or

mdiazhadley@jonespayne.com

<https://www.btvsound.com/pilot-program/>

Thank you again for participating and we look forward to continuing the conversation.



Residential Sound Insulation Pilot Program



Turn microphone on or off.
If red, you are muted.

Turn camera on or off. If
red, you are not visible.

Turn captions
on or off.

Raise your
hand if you
have a
question

• Leave the meeting

• Change settings, background, layout

• Share your screen or give a presentation

• Clicking this icon will bring
up a chat to ask questions.