Agenda

1. Project Area
2. Program Eligibility
3. Program Goals
4. Program Acoustical Treatments
5. Program Team
6. Sound Mitigation Process
7. Homeowner Checklist
8. Project Schedule
9. Things YOU Should Know…
10. Breakout Session – Questions/Answers
Project Area
Program Eligibility

Program Eligibility:

- Property must be residential.
- Located within the DNL 65dB contour.
- Average interior noise level must be DNL 45dB or greater.
- Residence must have been built prior to October 1, 1998.

**DNL** – (Day-Night Sound Level) : represents noise exposure events over a 24-hour period. Noise events occurring 10pm – 7am receive a penalty when DNL is calculated.
Program Goals

Community Benefit Goals:
• Better living environment by creating quieter homes; and,
• Creating compatible land use surrounding the airport.

Acoustical (noise reduction) Goals:
• Achieve a 45dB in all habitable rooms; and,
• Minimum interior noise level reduction of 5 decibels (dB).
Program Acoustical Treatments

How will Goals be accomplished (*)?

• Crack and Seal (caulking and outlet/switch covers)
• Acoustical Doors & Windows
• Central Air Conditioning & Ventilation
• Ceiling/Closet/Wall Modifications

(*) Depending on existing conditions

Items Not Covered:

• Structural repairs
• Maintenance and rehabilitation items
• Items not directly related to noise reduction existing conditions

How Noise Enters Your Home
Program Team

Who will do the work to accomplish goals?

- Program Manager – The Jones Payne Group, Inc.
  - Architects & Construction Administrators
  - Homeowner Outreach & Liaison
  - Acoustical Consultants
  - Mechanical & Electrical Engineers
  - Structural Engineers
  - Hazardous Material Consultant
  - Title Search
- Contractor
  - General Contractor & Sub-Contractors
Sound Mitigation Process:

- Pre-Design Phase
- Design Phase
- Bid & Award
- Pre-Construction
- Construction
- Post-Construction
Sound Mitigation Process:

Pre-Design Phase:

- Invitation letters
- Homeowner Outreach Meeting
- Program Application 02-05-2014
- Schedule assessment visits
  - Allow access to your home
Sound Mitigation Process:

Pre-Design Phase (continued):

- 1st Visit Assessment Visit
  - Develop existing conditions drawings
  - Discuss types and finishes of products
- Acoustical/Noise Level Testing (if selected)
  - Determine interior noise levels
- Development of Preliminary Scope of Work
Sound Mitigation Process:

**Design Phase:**

- Design
  - Identify any areas of concern
  - Identify any homeowner pre-work
  - Develop design drawings
  - Homeowner review
    - Sign Homeowner Participation Agreement
    - Sign Deed of Easement - Noise
- Final Design
Sound Mitigation Process:

**Bid & Award**
- Publicly Bid to Contractors
- Experienced, Insured, Bonded & Licensed
- Bid review
- RIAC awards contract

**Pre-Construction Phase:**
- Pre-construction walk-through & permitting
- Construction permit with City of Warwick
- Contractor orders products
- Coordination of construction schedule with homeowners
Sound Mitigation Process:

Construction Phase:

- 4 Weeks total (homeowner representative present)
- 2 Weeks active construction
- 2 Weeks Punch, Final and Inspections
- Construction area cleaned-up daily
- Home secured daily
- On-site construction inspector, City inspections

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<tr>
<th>Sunday</th>
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<td>Punch List</td>
<td>Complete Outstanding Items</td>
<td>Final / Warranty</td>
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Sound Mitigation Process:

Post-Construction Phase:

- Review products and provide Warranty Package
- Post – Construction Survey
- Post – Construction Acoustical Testing (if pre-tested)
## Homeowner Checklist:

<table>
<thead>
<tr>
<th>Checklist</th>
<th>Duration</th>
<th>Date Scheduled</th>
<th>Date Sent</th>
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<tbody>
<tr>
<td>• Application Sent</td>
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<tr>
<td>• 1&lt;sup&gt;st&lt;/sup&gt; Visit - Assessment Visit Scheduled</td>
<td>1.5 – 2 Hours</td>
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<td>• Pre-Construction Homeowner Survey Sent</td>
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<tr>
<td>• Pre-Construction Acoustical Test Scheduled (selective)</td>
<td>1 Hour</td>
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<tr>
<td>• 2nd Visit Scheduled – Treatment Package and Sign-Off</td>
<td>1 Hour</td>
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<tr>
<td>• Homeowner Agreement &amp; Easement Signed</td>
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<tr>
<td>• 3&lt;sup&gt;rd&lt;/sup&gt; Visit – Contractor Measurements Scheduled</td>
<td>1.5 – 2 Hours</td>
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<tr>
<td>• Construction</td>
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<td>• Construction Punch List Scheduled</td>
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<td>• Final Inspection Scheduled</td>
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<td>• Warranty Package Received</td>
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**RESIDENTIAL SOUND MITIGATION**
### Project Schedule:

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<tr>
<td>Bid &amp; Award</td>
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<td><strong>Group B</strong></td>
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<td>Pre-Design</td>
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<tr>
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### RESIDENTIAL SOUND MITIGATION
Things YOU Need to Know:

- This is a VOLUNTARY program
- This is your opportunity to participate in the Sound Mitigation Program – funding may not be available at a later date
- There is a Homeowner Participation Agreement (HPA) & Deed of Easement - Noise
- Recommend having an attorney review HPA and Deed of Easement
- All persons listed as property owners must sign HPA
- Homeowner or designee must be present during construction
- Construction will be Mon – Fri, 8 a.m. – 5 p.m.
- FAA/RIAC pays for acoustical improvements only
Please visit us at: pvdairport.com
Opportunity to have initial questions answered one-on-one:

- Assistance with Application? Due Date: 2/5/14
- Comments/Suggestions