Type II Noise Program Development

**Loudest-hour Noise Level**
- <61 dBA Leq
- 61 to 65 dBA Leq
- 66 to 70 dBA Leq (Impact)
- >70 dBA Leq (Impact)

**Insertion Loss (25-ft Barrier)**
- Less than 5 dB
- 5 to 6 dB (Benefit)
- 7 to 9 dB (Benefit/Feasible)
- 10+ dB (Benefit/Design Goal)

**Study Areas**
- Ineligible for Type II
- Eligible for Type II
- Existing Barrier
- Prior Noise Barrier Study Area
- Existing Noise Barrier in Study Area

**Type II Study Areas**
- Barrier Area: 39
- Roadway: I-93
- Mile Posts Start/End: 28.1 to 29
- Barrier Side NB Cost: $0
- DEI: 1269 DEI Criteria: 1600
- Hooksett, New Hampshire
- Ineligible (No Impact)
Type II Study Areas

- Leq (Impact) 61 to 65 dB
- Leq (Impact) 66 to 70 dB
- Leq (Impact) >70 dB

Loudest-hour Noise Level:
- <61 dBA Leq
- 61 to 65 dBA Leq
- 66 to 70 dBA Leq (Impact)
- >70 dBA Leq (Impact)

Insertion Loss (25-ft Barrier):
- Less than 5 dB
- 5 to 6 dB (Benefit)
- 7 to 9 dB (Benefit/Feasible)
- 10+ dB (Benefit/Design Goal)

Existing Noise Barrier in Study Area

Type II Noise Program Development

- Barrier Area: 40
- Roadway: I-93
- Mile Posts Start/End: 30 to 30.4
- Barrier Side NB: Cost: $0
- DEI: 46750
- DEI Criteria: 1600
- Hooksett, New Hampshire
- Ineligible (No Impact)
**Study Areas**

- Ineligible for Type II
- Eligible for Type II
- Existing Barrier
- Prior Noise Barrier Study Area
- Existing Noise Barrier in Study Area

**Loudest-hour Noise Level**

- <61 dBA Leq
- 61 to 65 dBA Leq
- 66 to 70 dBA Leq (Impact)
- >70 dBA Leq (Impact)

**Insertion Loss (25-ft Barrier)**

- Less than 5 dB
- 5 to 6 dB (Benefit)
- 7 to 9 dB (Benefit/Feasible)
- 10+ dB (Benefit/Design Goal)

**Type II Noise Program Development**

- **Barrier Area:** 41
- **Roadway:** I-93
- **Mile Posts Start/End:** 30.6 to 31
- **Barrier Side NB**
  - **Cost:** $0
- **DEI:** 19083
- **DEI Criteria:** 1600
- **Hooksett, New Hampshire**
  - **Ineligible (No Impact)**
Type II Study Areas

- 61 to 65 dBA Leq
  - 10+ dB (Benefit/Design Goal)
- <61 dBA Leq
- Feet

- 66 to 70 dBA Leq (Impact)
  - 5 to 6 dB (Benefit)
- Existing Noise Barrier in Study Area

- >70 dBA Leq (Impact)
  - Less than 5 dB

Existing Noise Barrier in Study Area

Prior Noise Barrier Study Area

Existing Noise Barrier in Study Area

Loudest-hour Noise Level

- <61 dBA Leq
- 61 to 65 dBA Leq
- 66 to 70 dBA Leq (Impact)
- >70 dBA Leq (Impact)

Insertion Loss (25-ft Barrier)

- Less than 5 dB
- 5 to 6 dB (Benefit)
- 7 to 9 dB (Benefit/Feasible)
- 10+ dB (Benefit/Design Goal)

Type II Noise Program Development

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<th>Barrier Area</th>
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<th>Mile Posts Start/End</th>
<th>Cost</th>
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Hooksett, New Hampshire

Eligible

FIGURE 42

March 2017