Type II Noise Program Development

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**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)

**Figures**
- FIGURE 66

**Roadway Information**
- Roadway: I-93
- Mile Posts Start/End: 71.1 to 71.9
- Barrier Side SB
- Cost: $0
- DEI: 5063
- DEI Criteria: 1600
- Sanbornton, New Hampshire
- Ineligible (No Impact)
**Type II Noise Program Development**  
**Type II Study Areas**

**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)

**Barrier Area:** 67  
**Roadway:** I-93  
**Mile Posts Start/End:** 70.7 to 71.2  
**Barrier Side SB**  
**Cost:** $0  
**DEI:** 5600  
**DEI Criteria:** 1600  
**Sanbornton, New Hampshire**  
**Ineligible (No Impact)**
FIGURE 68

Type II Noise Program Development

- **Type II Study Areas**
  - **Barrier Area:** 68
  - **Roadway:** I-93
  - **Barrier Side SB**
  - **Sanbornton, New Hampshire**
  - **Mile Posts Start/End:** 70.4 to 70.7
  - **DEI: 11250**
  - **Cost: $0**
  - **DEI Criteria: 1600**

**Ineligible for Type II**
- DEI: Insertion Loss
- Cost: $0

**Eligible for Type II**
- DEI: Insertion Loss
- Cost: $0

**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)

**Existing Noise Barrier**

**Prior Noise Barrier Study Area**

**Legend**
- Red: Ineligible for Type II
- Blue: Eligible for Type II
- Green: Existing Barrier
- Orange: Prior Noise Barrier Study Area
- Yellow: Existing Noise Barrier in Study Area
**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:** 69
- **Roadway:** I-93
- **Mile Posts Start/End:** 61.4 to 62.2
- **Barrier Side NB**
- **Cost:** $ 0
- **DEI:** 5031
- **DEI Criteria:** 1600
- **Sanbornton, New Hampshire**
- **Ineligible (No Impact)**
**Type II Noise Program Development**

<table>
<thead>
<tr>
<th>Study Areas</th>
<th>Loudest-hour Noise Level</th>
<th>Insertion Loss (25-ft Barrier)</th>
<th>Barrier Area</th>
<th>Roadway</th>
<th>Mile Posts Start/End</th>
<th>DEI Criteria</th>
<th>Cost</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Ineligible for Type II</td>
<td>&lt;61 dBA Leq</td>
<td>Less than 5 dB</td>
<td>70</td>
<td>I-93</td>
<td>69.3 to 68.4</td>
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<td>61 to 65 dBA Leq</td>
<td>5 to 6 dB (Benefit)</td>
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<td>Existing Barrier</td>
<td>66 to 70 dBA Leq (Impact)</td>
<td>7 to 9 dB (Benefit/Feasible)</td>
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<td>Prior Noise Barrier Study Area</td>
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<td>10+ dB (Benefit/Design Goal)</td>
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</table>
Type II Noise Program Development

 Barrier Area: 71
 Roadway: I-93
 Mile Posts Start/End: 63.3 to 63.9
 Barrier Side NB Cost: $0
 DEI: 8050 DEI Criteria: 1600
 Sanbornton, New Hampshire
 Ineligible (No Impact)

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

March 2017
C:\temp\NHDOT_TypeII_Final\TypeII_StudyAreas_LOCAL_noWeb.mxd
Type II Noise Program Development

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<thead>
<tr>
<th>Barrier Area: 72</th>
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<tbody>
<tr>
<td>Roadway: I-93</td>
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<tr>
<td>Mile Posts Start/End: 63.7 to 64.5</td>
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<tr>
<td>Barrier Side NB Cost: $ 0</td>
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<td>DEI: 9625 DEI Criteria: 1600</td>
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<tr>
<td>Sanbornton, New Hampshire</td>
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<td>Ineligible (No Impact)</td>
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**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

**Figure 72**

Roadway: I-93
Mile Posts Start/End: 63.7 to 64.5
Barrier Side NB Cost: $ 0
DEI: 9625 DEI Criteria: 1600
Sanbornton, New Hampshire
Ineligible (No Impact)
### Type II Noise Program Development

**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)

 barrier: 73
roadway: I-93
mile posts start/end: 66.8 to 67.8
barrier side SB: cost: $0
dei: 7845
dei criteria: 1600
sanbornton, new hampshire
ineligible (no impact)
**Type II Noise Program Development**

**Type II Study Areas**

**Barrier Area:** 74

- **Roadway:** I-93
- **Mile Posts Start/End:** 64.2 to 65.2
- **Barrier Side NB**
- **Cost:** $0
- **DEI:** 4074
- **DEI Criteria:** 1600
- **Sanbornton, New Hampshire**
- **Ineligible (No Impact)**

**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

**FIGURE 74**

- Old Brown Rd
- Mountain Rd
- No Name Hermit Woods Rd
- March 2017

**C:\temp\NHDOT_TypeII_Final\TypeII_StudyAreas_LOCAL_noWeb.mxd**
**FIGURE 75**

**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**

**Type II Study Areas**

**Barrier Area:** 75
**Roadway:** I-93
**Mile Posts Start/End:** 65.1 to 65.9
**Barrier Side NB**
**Cost:** $0
**DEI:** 5305
**DEI Criteria:** 1600
**Sanbornton, New Hampshire**
**Ineligible (DEI)**