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

Barrier Area: 110
Roadway: I-93
Mile Posts Start/End: 16.5 to 17.2
Barrier Side SB Cost: $ 0
DEI: 7307 DEI Criteria: 1600
Franconia, New Hampshire
Ineligible (No Impact)
61 to 65 dBA Leq
66 to 70 dBA Leq (Impact)
Less than 5 dB
5 to 6 dB (Benefit)
>70 dBA Leq (Impact)

Type II Study Areas

Type II Noise Program Development

Mile Posts Start/End: 114.9 to 115.7
Roadway: I-93
Barrier Area: 111

Ineligible for Type II
Eligible for Type II

Prior Noise Barrier Study Area
Existing Barrier

Existing Noise Barrier in Study Area

Ineligible (DEI)
Eligible for Type II

FIGURE 111

Franconia, New Hampshire

DEI：1824
Barrier Side NB
Cost: $0

March 2017

© 2017 DOT

NHDOT_TypeII_Final_TypeII_StudyAreas_LOCAL_noWeb.mxd
C:\temp

Crossover Ln
Eaton Rd

Pipe Rd
Magowan Hill Rd

Sawmill Ln
Wintergreen Ln

Sawmill Ln
Indian Pipe Rd

wintergreen Ln
Foxglove Ln

W Woodbine Ln

Coal Hill Rd

Plantation Rd

Nam

523
35
114.9
115.7

110
112
111

10+ dB (Benefit/Design Goal)
7 to 9 dB (Benefit/Feasible)
61 to 65 dB (Benefit/Design Goal)
66 to 70 dB (Impact)
>70 dB (Impact)

Less than 5 dB

FIGURE 111

March 2017

© 2017 DOT

NHDOT_TypeII_Final_TypeII_StudyAreas_LOCAL_noWeb.mxd
C:\temp

Crossover Ln
Eaton Rd

Pipe Rd
Magowan Hill Rd

Sawmill Ln
Wintergreen Ln

Sawmill Ln
Indian Pipe Rd

wintergreen Ln
Foxglove Ln

W Woodbine Ln

Coal Hill Rd

Plantation Rd

Nam

523
35
114.9
115.7

110
112
111

10+ dB (Benefit/Design Goal)
7 to 9 dB (Benefit/Feasible)
61 to 65 dB (Benefit/Design Goal)
66 to 70 dB (Impact)
>70 dB (Impact)

Less than 5 dB
Type II Study Areas

400 Feet

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

Barrier Area: 113
Roadway: I-93
Mile Posts Start/End: 14.9 to 15.7
Barrier Side SB Cost: $0
DEI: 950 DEI Criteria: 1600
Franconia, New Hampshire
Ineligible (No Impact)
- Type II 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: 114**
- Roadway: I-93
- Mile Posts Start/End: 115.9 to 116.8
- Barrier Side NB
- DEI: 2181
- DEI Criteria: 1600
- Cost: $0
- 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 Area: 115**

- Roadway: I-93
- Mile Posts Start/End: 14.3 to 15
- Barrier Side SB Cost: $ 0
- DEI: 2475
- DEI Criteria: 1600
- Ineligible (No Impact)

**Type II Study Areas**