**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: 210**
- **Roadway: I-89**
- **Mile Posts Start/End: 54.1 to 55.5**
- **Barrier Side SB**
- **Cost: $ 0**
- **DEI: 2996**
- **DEI Criteria: 1600**
- **Hopkinton, New Hampshire**
- **Ineligible (DEI)**
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: 212
Roadway: I-89
Mile Posts Start/End: 52.6 to 53.3
Barrier Side SB Cost: $0
DEI: 4729 DEI Criteria: 1600
Hopkinton, New Hampshire
Ineligible (No Impact)
**FIGURE 213**

**Type II Noise Program Development**

**Barrier Area:** 213

**Roadway:** I-89

**Mile Posts Start/End:** 8.5 to 9.5

**Barrier Side NB**  
**Cost:** $0

**DEI:** 3647  
**DEI Criteria:** 1600

**Hopkinton, 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**

**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: 214**
- Roadway: I-89
- Mile Posts Start/End: 9.5 to 10.6
- Barrier Side NB Cost: $0
- DEI: 3067
- DEI Criteria: 1600
- Hopkinton, New Hampshire
- Ineligible (No Impact)
Existing Noise Barrier in Study Area

- Type II Study Areas
  - Feet
    - 5 to 6 dB (Benefit)
    - 10+ dB (Benefit/Design Goal)

- 200
  - >70 dBA Leq (Impact)

- 61 to 65 dBA Leq

- Prior Noise Barrier Study Area

- Barrier Area: 215
  - Roadway: I-89
  - Mile Posts Start/End: 11.6 to 12.1
  - Barrier Side NB Cost: $0
  - DEI: 4969 DEI Criteria: 1600
  - Hopkinton, 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)

Barrier Area: 217
Roadway: I-89
Mile Posts Start/End: 12.1 to 12.9
Barrier Side NB
Cost: $2,543,000
DEI: 1437
DEI Criteria: 1600
Hopkinton, New Hampshire
Eligible