**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: 233**
- Roadway: I-89
- Mile Posts Start/End: 42.7 to 43.3
- Barrier Side NB Cost: $0
- DEI: 2605
- DEI Criteria: 1400

Grantham, New Hampshire
Ineligible (DEI)
Type II Study Areas

- 66 to 70 dBA Leq (Impact) Feet
- 10+ dB (Benefit/Design Goal)
- 45.6
- 5 to 6 dB (Benefit)
- 61 to 65 dBA Leq
- Less than 5 dB
- >70 dBA Leq (Impact)
- 7 to 9 dB (Benefit/Feasible)
- ≤61 dBA Leq
- >70 dBA Leq (Impact)

Existing Noise Barrier in Study Area

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)

Barrier Area: 234
Roadway: I-89
Mile Posts Start/End: 44.5 to 45.6
Barrier Side NB Cost: $0
DEI: 1861
DEI Criteria: 1400
Grantham, New Hampshire
Ineligible (No Impact)
**Type II Noise Program Development**

**FIGURE 235**

**Barrier Area: 235**
- **Roadway:** I-89
- **Mile Posts Start/End:** 13.4 to 15
- **Barrier Side SB**
- **Cost:** $0
- **DEI:** 4010
- **DEI Criteria:** 1400
- **Grantham, New Hampshire**

**Ineligible (DEI)**

**Existing Noise Barrier in Study Area**

**Prior Noise Barrier Study Area**

**Eligible for Type II**

**Ineligible for Type II**

**Study Areas**

**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)

**Legend**

- Red: Ineligible for Type II
- Blue: Eligible for Type II
- Green: Existing Barrier
- Yellow: Prior Noise Barrier Study Area
- Orange: Existing Noise Barrier in Study Area