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: 191
Roadway: Route 101
Mile Posts Start/End: 69 to 70.8
Barrier Side EB Cost: $0
DEI: 1466
DEI Criteria: 1400
Raymond, 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: 192
Roadway: Route 101
Mile Posts Start/End: 40.9 to 41.8
Barrier Side WB Cost: $1362000
DEI: 1107 DEI Criteria: 1400
Raymond, New Hampshire
Eligible
**FIGURE 193**

**Type II Study Areas**

- **Eligible for Type II:**
  - 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)

- **Ineligible for Type II:**

- **Prior Noise Barrier Study Area**

- **Existing Noise Barrier in Study Area**

**Type II Noise Program Development**

- **Roadway:** Route 101
- **Mile Posts Start/End:** 70.9 to 72
- **Barrier Side EB**
  - **Cost:** $1806000
  - **DEI:** 1400
  - **DEI Criteria:** 1400
  - **Raymond, New Hampshire**
  - **Eligible**
Existing Noise Barrier

Existing Barrier

Existing Noise Barrier in Study Area

Prior Noise Barrier 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: 195
Roadway: Route 101
Mile Posts Start/End: 73.2 to 73.9
Barrier Side EB Cost: $ 2118000

DEI: 1569 DEI Criteria: 1600
Raymond, New Hampshire
Eligible

FIGURE 195

vhh March 2017
**Type II Noise Program Development**

- **Barrier Area**: 196
- **Roadway**: Route 101
- **Mile Posts Start/End**: 37.2 to 38
- **Barrier Side WB**: Cost: $ 2526000
- **DEI**: 1504
- **DEI Criteria**: 1600
- **Raymond, New Hampshire**
- **Eligible**

**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)