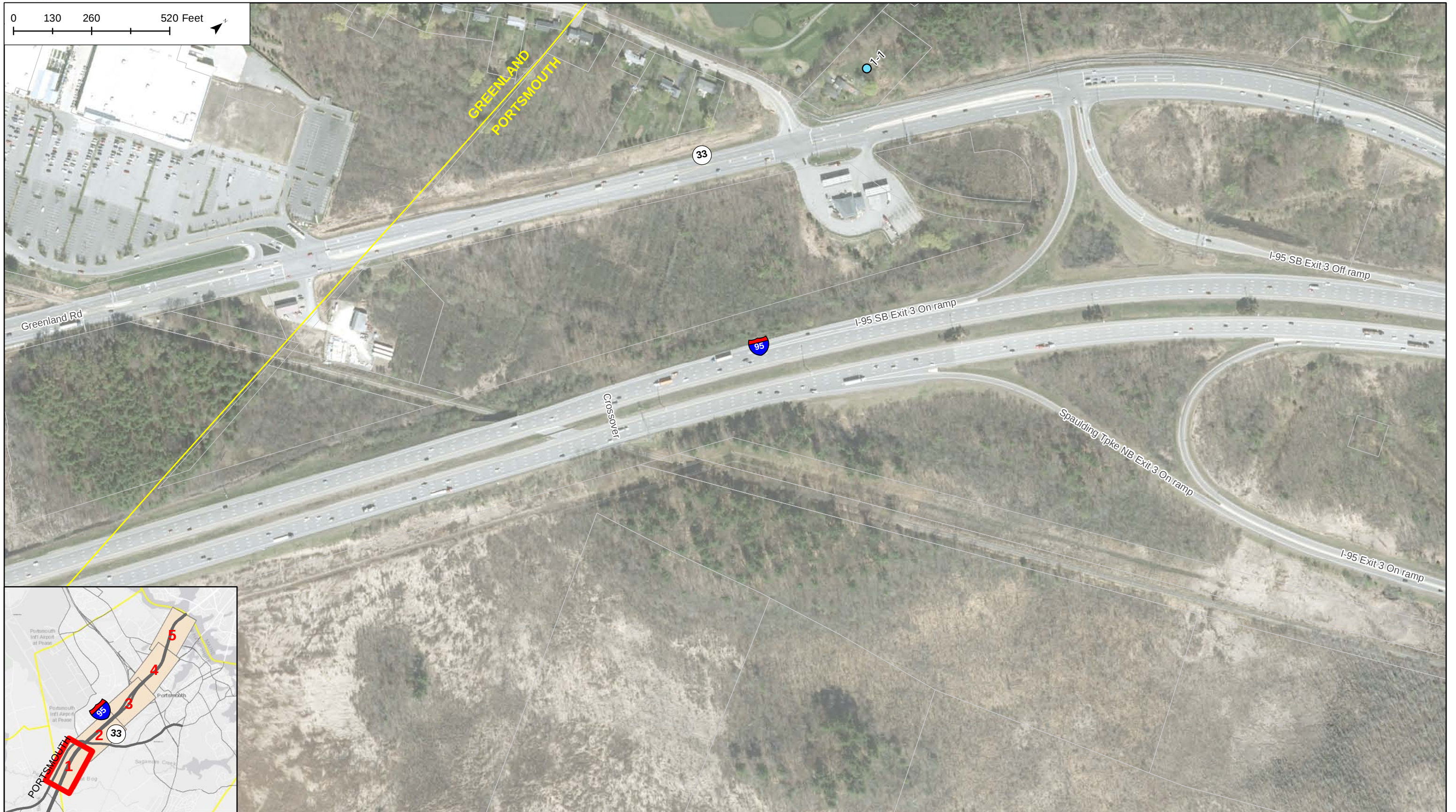


0 130 260 520 Feet



- | | | | |
|---|--|---|---|
| ● Category B (Below NAC) | ● Category C (Exceed NAC) | ● Category F | ■ Monitoring Locations |
| ● Category B (Exceed NAC) | ● Category D (Below NAC) | ○ Category G | ▬ Existing Noise Barrier |
| ● Category C (Below NAC) | ● Category E (Below NAC) | | |

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**Figure 2
Existing Exterior
Sound Levels**

0 87.5 175 350 Feet

Area 2 - Sherburne Rd/
Greenland Rd
Length: 1,700
Height: 25
Area: 42,330 s.f.
Impacts: 12
Benefits: 13
Insertion Loss: 9-13 dB(A)
Effectiveness: 3,256
Criterion: 1,700

- | | | |
|---|---|---|
| ● Impact & Benefit | ● Not Impact & No Benefit | Existing Noise Barrier |
| ● No Impact & Benefit | ● Category F | Noise Barrier (Feasible and Reasonable) |
| ● Impact & No Benefit | ● Category G | Noise Barrier (Not Feasible and Reasonable) |

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Figure 7
Build - Study Area 2
Sherburne Road (I-95 NB)

0 87.5 175 350 Feet



Area 3 - Pannaway Manor
Length: 2,500 ft
Height: 21 ft
Area: 52,260 s.f.
Impacts: 33
Benefits: 70
Insertion Loss: 8-14 dB(A)
Effectiveness: 747
Criterion: 1,700

- | | | |
|---|---|---|
| ● Impact & Benefit | ● Not Impact & No Benefit | Existing Noise Barrier |
| ● No Impact & Benefit | ● Category F | Noise Barrier (Feasible and Reasonable) |
| ● Impact & No Benefit | ● Category G | Noise Barrier (Not Feasible and Reasonable) |

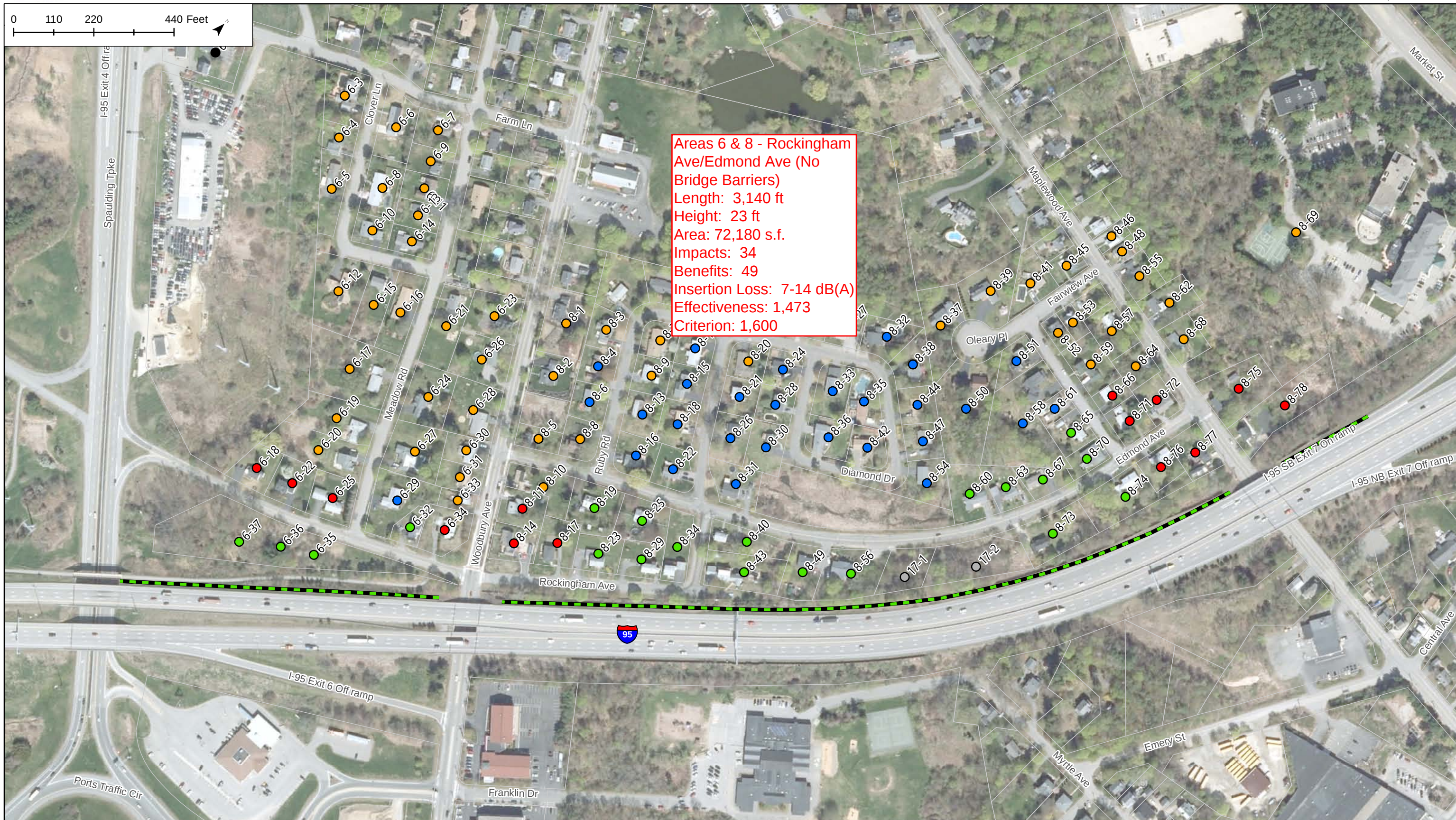
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Figure 8
Build - Study Area 3
Pannaway Manor (I-95 SB)



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Figure 9
 Build - Study Area 4
 Coakley Road (I-95 NB)

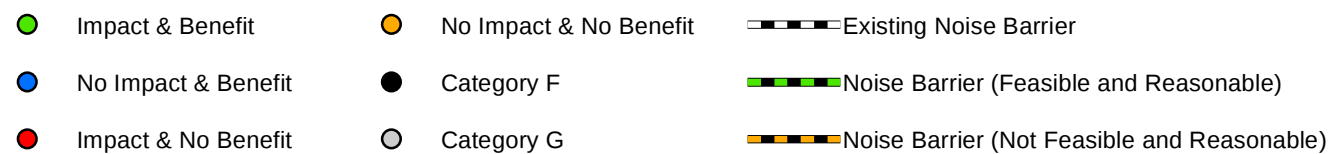


Areas 6 & 8 - Rockingham Ave/Edmond Ave (No Bridge Barriers)
Length: 3,140 ft
Height: 23 ft
Area: 72,180 s.f.
Impacts: 34
Benefits: 49
Insertion Loss: 7-14 dB(A)
Effectiveness: 1,473
Criterion: 1,600

- | | | |
|---|--|---|
| ● Impact & Benefit | ● No Impact & No Benefit | Existing Noise Barrier |
| ● No Impact & Benefit | ● Category F | Noise Barrier (Feasible and Reasonable) |
| ● Impact & No Benefit | ● Category G | Noise Barrier (Not Feasible and Reasonable) |

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Figure 10
Build - Study Areas 6 & 8
Maplewood Avenue to US-4 (I-95 SB)



**Traffic Noise Analysis
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Figure 11
Build - Study Areas 6 & 8
Maplwood Avenue to US-4 (I-95 SB)



- | | | |
|---|--|---|
| ● Impact & Benefit | ● No Impact & No Benefit | Existing Noise Barrier |
| ● No Impact & Benefit | ● Category F | Noise Barrier (Feasible and Reasonable) |
| ● Impact & No Benefit | ● Category G | Noise Barrier (Not Feasible and Reasonable) |

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Figure 12
 Build - Study Area 7
 Woodbury to Maplewood Avenue (I-95 NB)

0 87.5 175 350 Feet



- | | | |
|---|--|---|
| ● Impact & Benefit | ● No Impact & No Benefit | Existing Noise Barrier |
| ● No Impact & Benefit | ● Category F | Noise Barrier (Feasible and Reasonable) |
| ● Impact & No Benefit | ● Category G | Noise Barrier (Not Feasible and Reasonable) |

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Figure 13
 Build - Study Area 9
 South of Market Street (I-95 NB)

0 87.5 175 350 Feet



- | | | |
|---|--|---|
| ● Impact & Benefit | ● No Impact & No Benefit | Existing Noise Barrier |
| ● No Impact & Benefit | ● Category F | Noise Barrier (Feasible and Reasonable) |
| ● Impact & No Benefit | ● Category G | Noise Barrier (Not Feasible and Reasonable) |

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Figure 14
Build - Study Area 10
North of Market Street (I-95 NB)

0 87.5 175 350 Feet

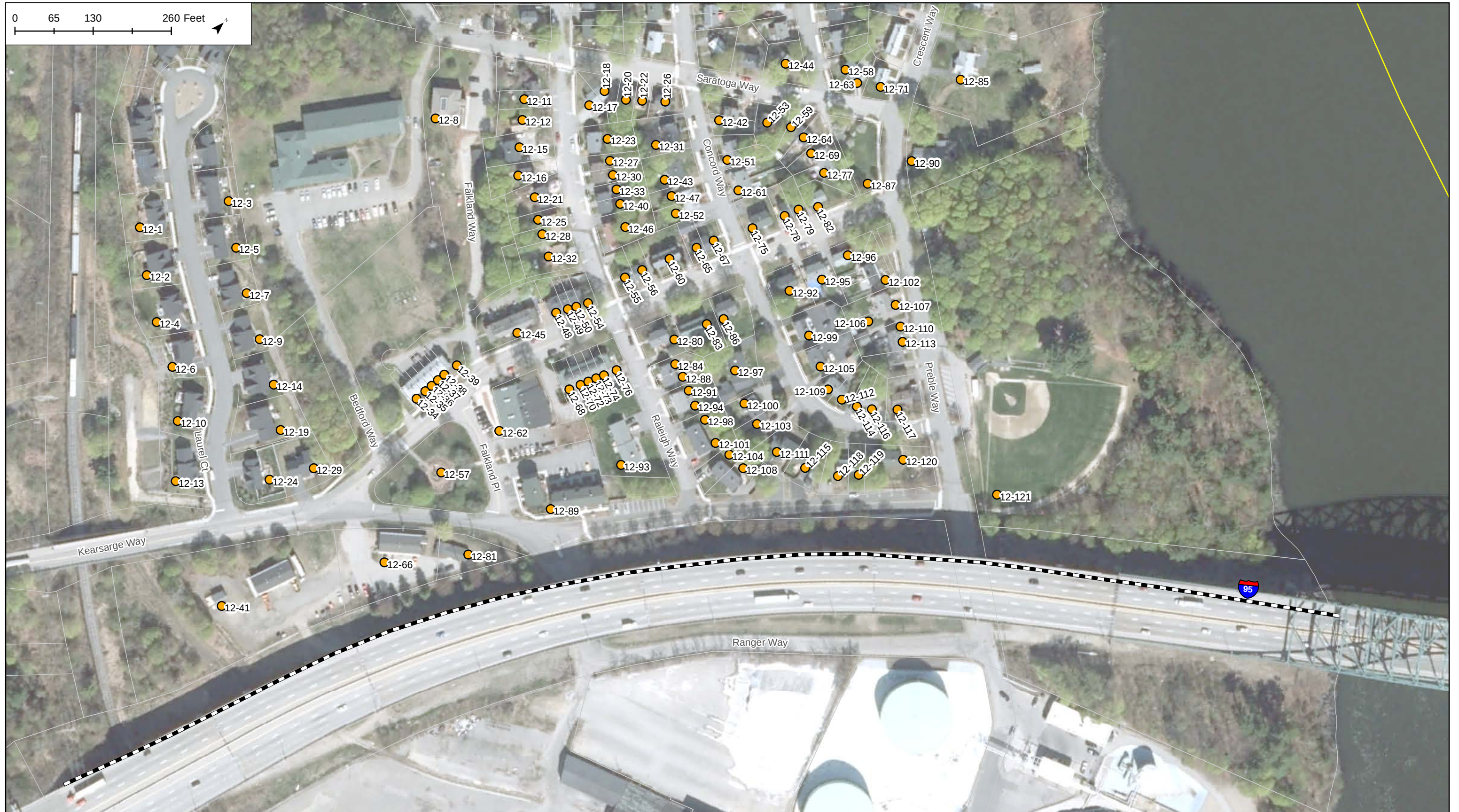
Area 11 - Kearsarge Way
Length: 1,300 ft
Height: 25 ft
Area: 32,500 s.f.
Impacts: 2
Benefits: 0
Insertion Loss: 4 dB(A)
Effectiveness: N/A
Criterion: 1,700

- | | | |
|---|--|---|
| ● Impact & Benefit | ● No Impact & No Benefit | Existing Noise Barrier |
| ● No Impact & Benefit | ● Category F | Noise Barrier (Feasible and Reasonable) |
| ● Impact & No Benefit | ● Category G | Noise Barrier (Not Feasible and Reasonable) |

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Figure 15
Build - Study Area 11 Exit 7 Off-
Ramp (I-95 SB)

0 65 130 260 Feet



- | | | |
|---|--|---|
| ● Impact & Benefit | ● No Impact & No Benefit | Existing Noise Barrier |
| ● No Impact & Benefit | ● Category F | Noise Barrier (Feasible and Reasonable) |
| ● Impact & No Benefit | Category G | Noise Barrier (Not Feasible and Reasonable) |

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Figure 16
Build - Study Area 12
North of Market Street (I-95 SB)

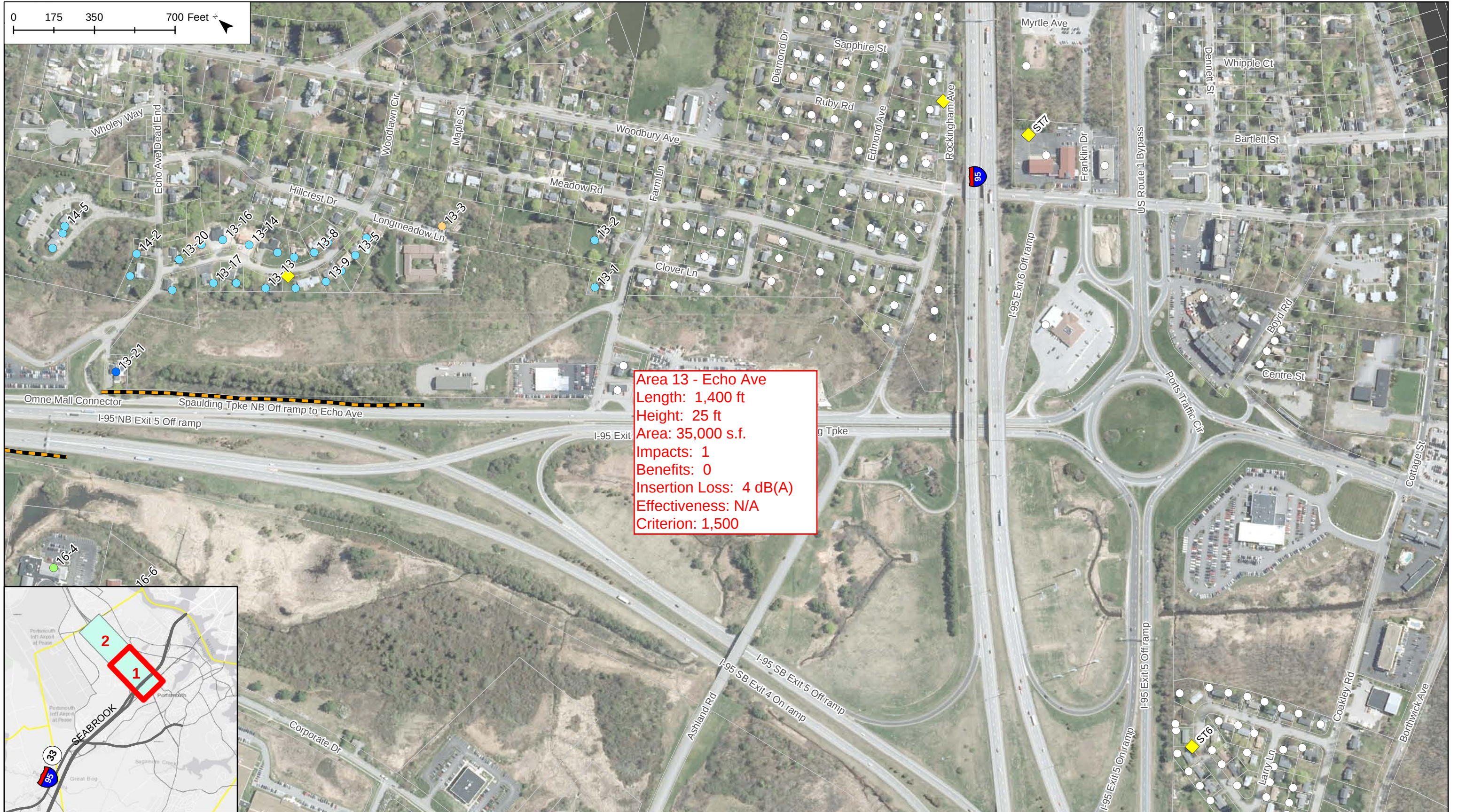


Figure 2
Existing
Noise Levels

