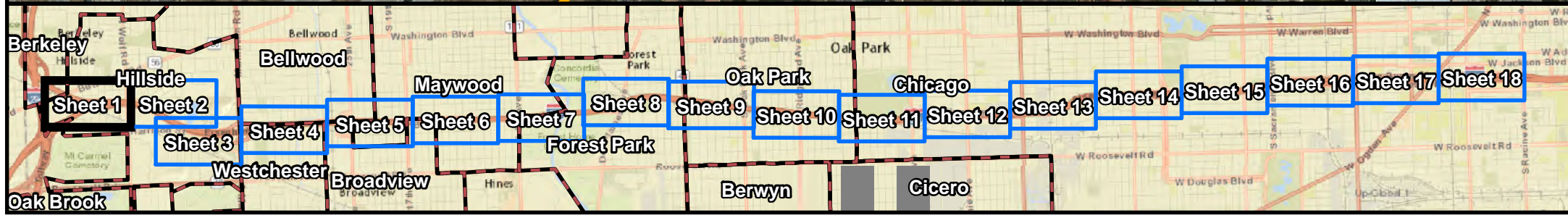


Name: B1
 Existing barrier to remain in place or be replaced by barrier with the same noise attenuation line. Additional height added to barrier is not feasible, as it does not meet the feasibility criterion.

Name: B2
 Existing barrier to remain in place or be replaced by barrier with the same noise attenuation line. Additional height added to barrier is not acoustically reasonable, as it does not meet the NRDG.

Name: B3
 Existing barrier to remain in place or be replaced by barrier with the same noise attenuation line. Additional height added to barrier is not feasible, as it does not meet the feasibility criterion.



Aerial Source: USDA-FSA-APFO NAIP MrSID Mosaic, 2012

0 250 500 Feet

Legend

- Noise Receptor
- Benefitted by Noise Wall
- Common Noise Environment
- Municipal Boundary
- Existing Noise Barrier
- Cost Effective Noise Barrier
- Barrier Studied, Not Reasonable and Feasible
- Proposed Edge of Pavement

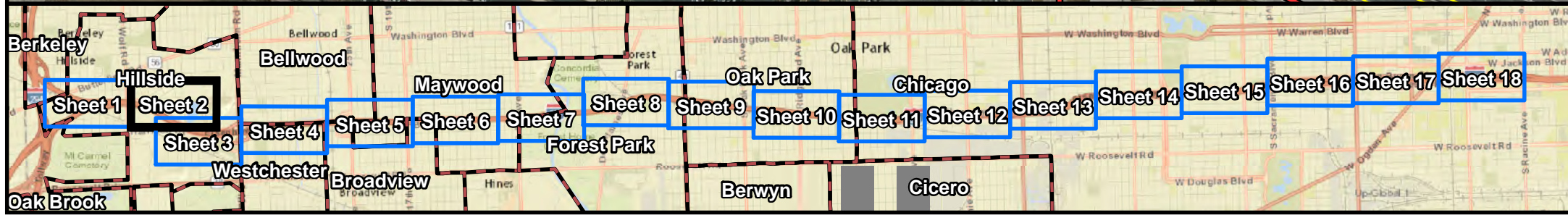
Huff & Huff, Inc.

Figure 2
 Analyzed Noise Wall Location Map
 I-290 (IL56/Butterfield Rd to Racine Ave)
 Cook County, Illinois
 Sheet 1 of 18
 NRDG: Noise Reduction Design Plan



Name: B4
 Existing barrier to remain in place or be replaced by barrier with the same noise attenuation line. Additional height added to barrier is not feasible, as it does not meet the feasibility criterion.

Name: B5
 Height: 11'
 Length: 1,226'
 Benefitted Receptors: 360
 Cost Per Benefitted Receptor: \$937
 Cost Effective Stand Alone



Aerial Source: USDA-FSA-APFO NAIP MrSID Mosaic, 2012

0 250 500 Feet

Legend

- Noise Receptor
- Benefitted by Noise Wall
- Common Noise Environment
- Municipal Boundary
- Existing Noise Barrier
- Cost Effective Noise Barrier
- Barrier Studied, Not Reasonable and Feasible
- Proposed Edge of Pavement

Huff & Huff, Inc.

Figure 2
 Analyzed Noise Wall Location Map
 I-290 (IL56/Butterfield Rd to Racine Ave)
 Cook County, Illinois
 Sheet 2 of 18
 NRDG: Noise Reduction Design Plan



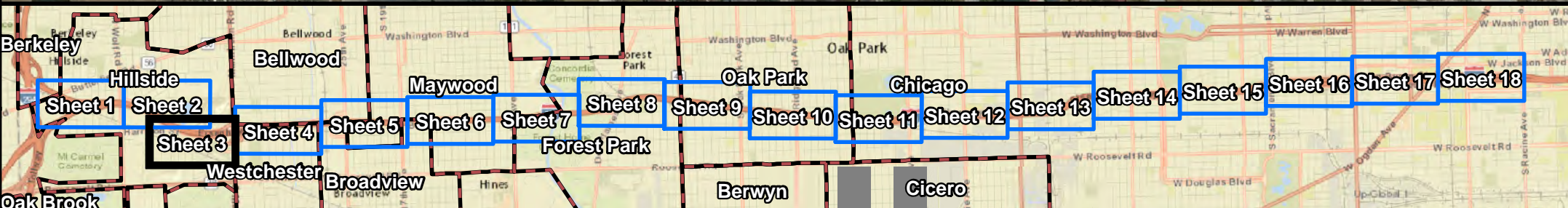
Name: B6
 Existing barrier to remain in place or be replaced by barrier with the same noise attenuation line. Additional height added to barrier is not feasible, as it does not meet the feasibility criterion.

12
20
45

290

Eisenhower Expwy

Mannheim Rd



Aerial Source: USDA-FSA-APFO NAIP MrSID Mosaic, 2012

Legend	
● Noise Receptor	Existing Noise Barrier
■ Benefitted by Noise Wall	Cost Effective Noise Barrier
□ Common Noise Environment	Barrier Studied, Not Reasonable and Feasible
□ Municipal Boundary	Proposed Edge of Pavement

Huff & Huff, Inc.
 Figure 2
 Analyzed Noise Wall Location Map
 I-290 (IL56/Butterfield Rd to Racine Ave)
 Cook County, Illinois
 Sheet 3 of 18
 NRDG: Noise Reduction Design Plan

Name: B7
 Existing barrier to remain in place or be replaced by barrier with the same noise attenuation line. Additional height added to barrier is not feasible, as it does not meet the feasibility criterion.

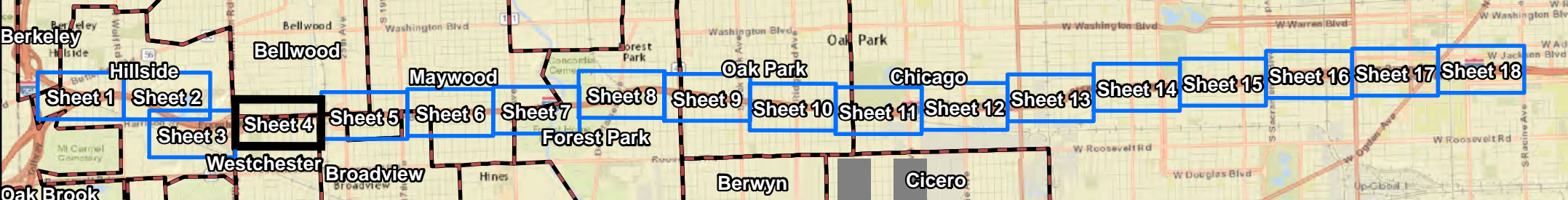
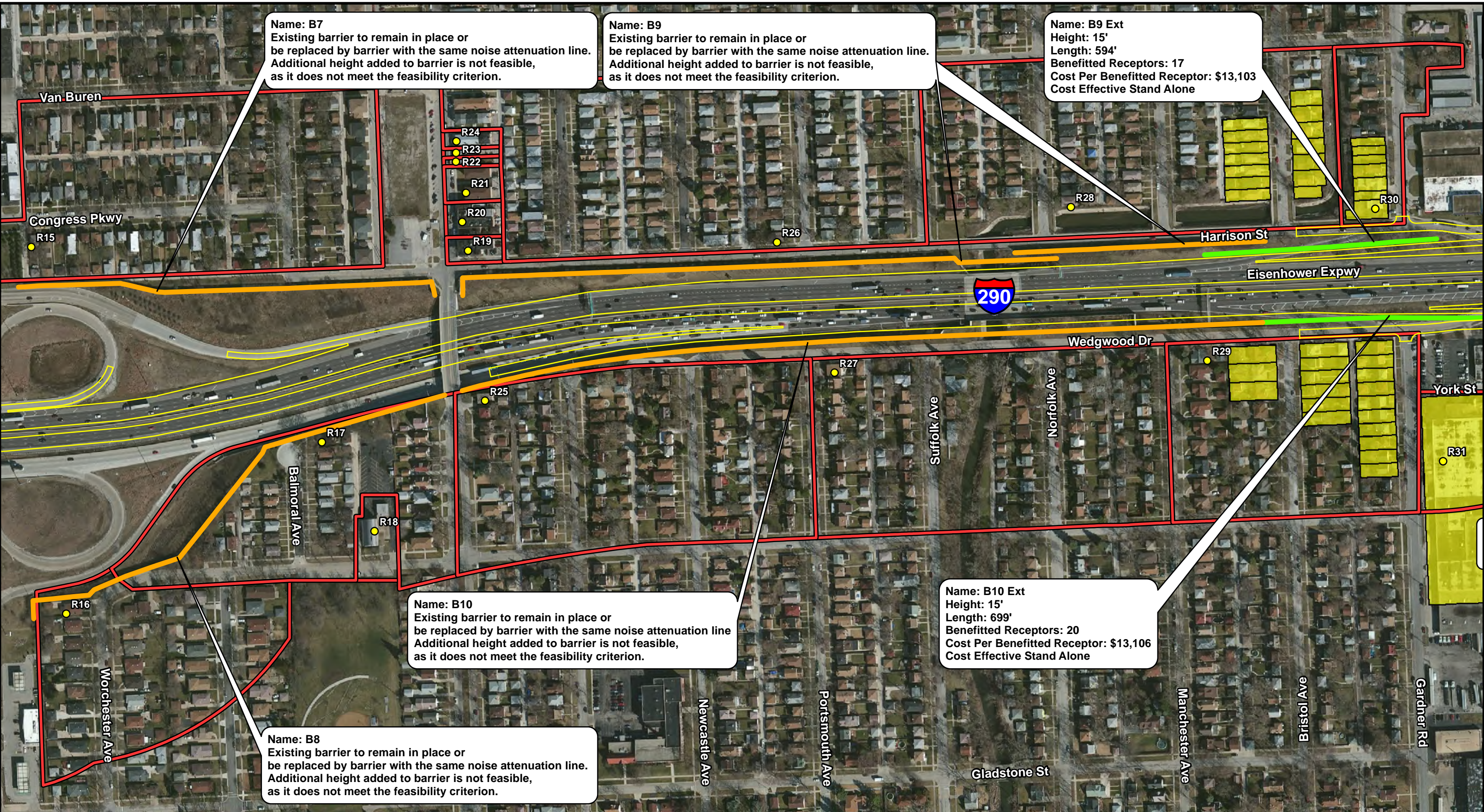
Name: B9
 Existing barrier to remain in place or be replaced by barrier with the same noise attenuation line. Additional height added to barrier is not feasible, as it does not meet the feasibility criterion.

Name: B9 Ext
 Height: 15'
 Length: 594'
 Benefitted Receptors: 17
 Cost Per Benefitted Receptor: \$13,103
 Cost Effective Stand Alone

Name: B10
 Existing barrier to remain in place or be replaced by barrier with the same noise attenuation line. Additional height added to barrier is not feasible, as it does not meet the feasibility criterion.

Name: B10 Ext
 Height: 15'
 Length: 699'
 Benefitted Receptors: 20
 Cost Per Benefitted Receptor: \$13,106
 Cost Effective Stand Alone

Name: B8
 Existing barrier to remain in place or be replaced by barrier with the same noise attenuation line. Additional height added to barrier is not feasible, as it does not meet the feasibility criterion.



0 250 500 Feet

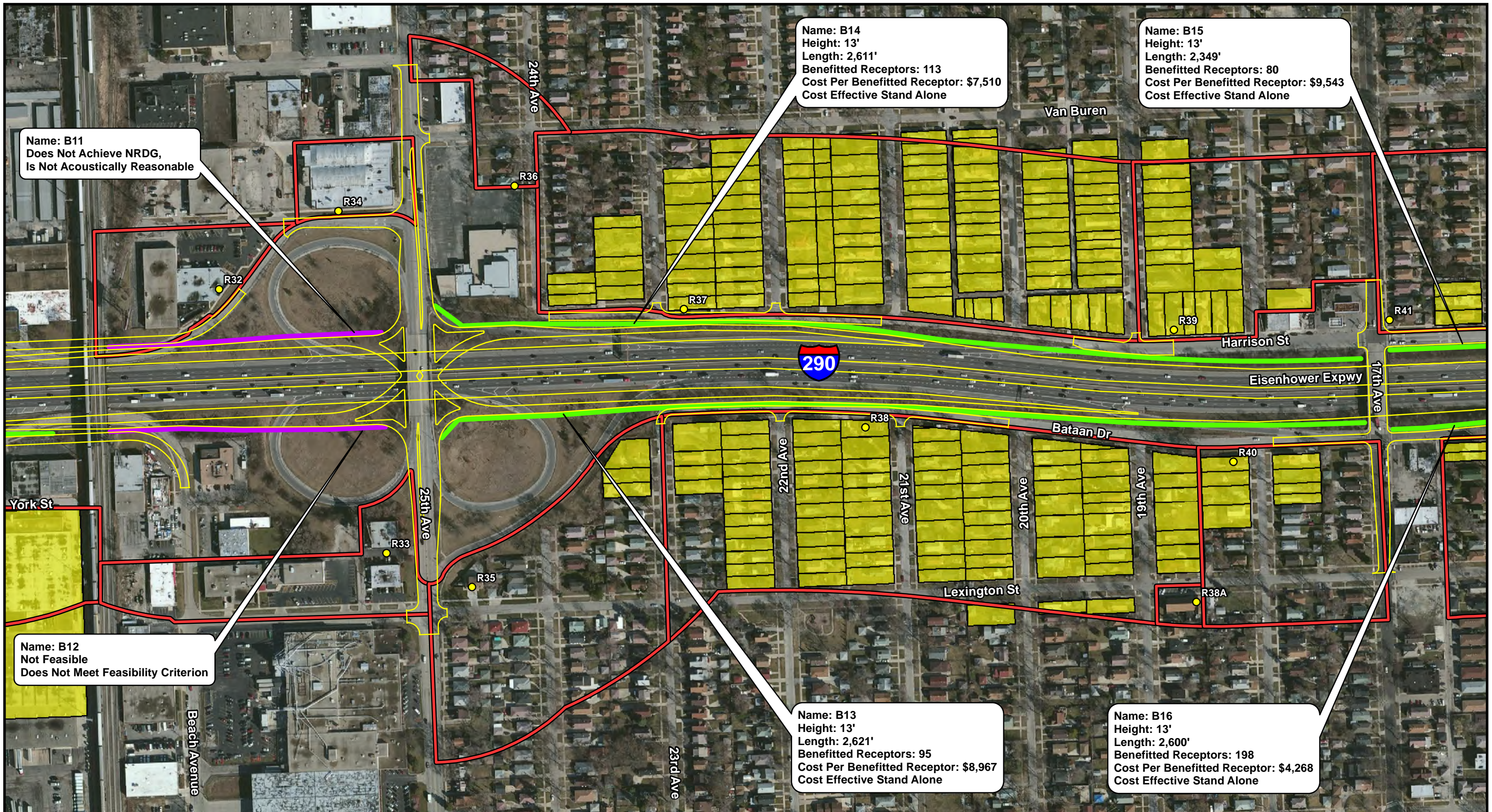
Aerial Source: USDA-FSA-APFO NAIP MrSID Mosaic, 2012

● Noise Receptor	Existing Noise Barrier
■ Benefitted by Noise Wall	Cost Effective Noise Barrier
□ Common Noise Environment	Barrier Studied, Not Reasonable and Feasible
▭ Municipal Boundary	Proposed Edge of Pavement

Huff & Huff, Inc.

Figure 2
 Analyzed Noise Wall Location Map
 I-290 (IL56/Butterfield Rd to Racine Ave)
 Cook County, Illinois
 Sheet 4 of 18
 NRDG: Noise Reduction Design Plan

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Name: B11
Does Not Achieve NRDG,
Is Not Acoustically Reasonable

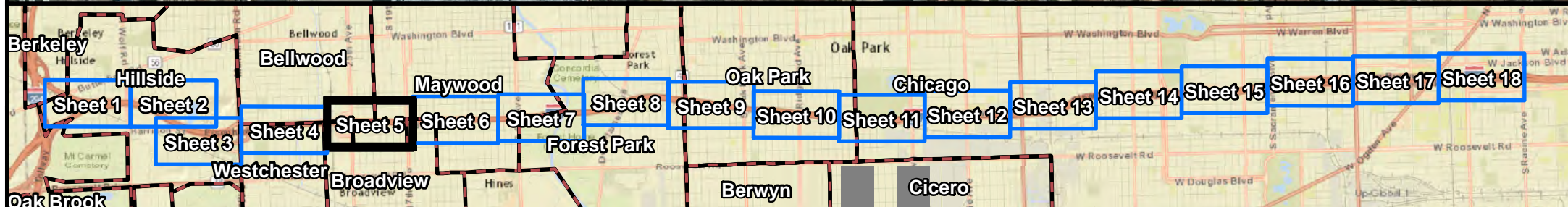
Name: B14
Height: 13'
Length: 2,611'
Benefitted Receptors: 113
Cost Per Benefitted Receptor: \$7,510
Cost Effective Stand Alone

Name: B15
Height: 13'
Length: 2,349'
Benefitted Receptors: 80
Cost Per Benefitted Receptor: \$9,543
Cost Effective Stand Alone

Name: B12
Not Feasible
Does Not Meet Feasibility Criterion

Name: B13
Height: 13'
Length: 2,621'
Benefitted Receptors: 95
Cost Per Benefitted Receptor: \$8,967
Cost Effective Stand Alone

Name: B16
Height: 13'
Length: 2,600'
Benefitted Receptors: 198
Cost Per Benefitted Receptor: \$4,268
Cost Effective Stand Alone



0 250 500
Feet

Aerial Source: USDA-FSA-APFO NAIP MrSID Mosaic, 2012

Legend

- Noise Receptor
- Benefitted by Noise Wall
- Common Noise Environment
- Municipal Boundary
- Existing Noise Barrier
- Cost Effective Noise Barrier
- Barrier Studied, Not Reasonable and Feasible
- Proposed Edge of Pavement

Huff & Huff, Inc.

Figure 2
Analyzed Noise Wall Location Map
I-290 (IL56/Butterfield Rd to Racine Ave)
Cook County, Illinois
Sheet 5 of 18
NRDG: Noise Reduction Design Plan

Name: B15
 Height: 13'
 Length: 2,349'
 Benefitted Receptors: 80
 Cost Per Benefitted Receptor: \$9,543
 Cost Effective Stand Alone

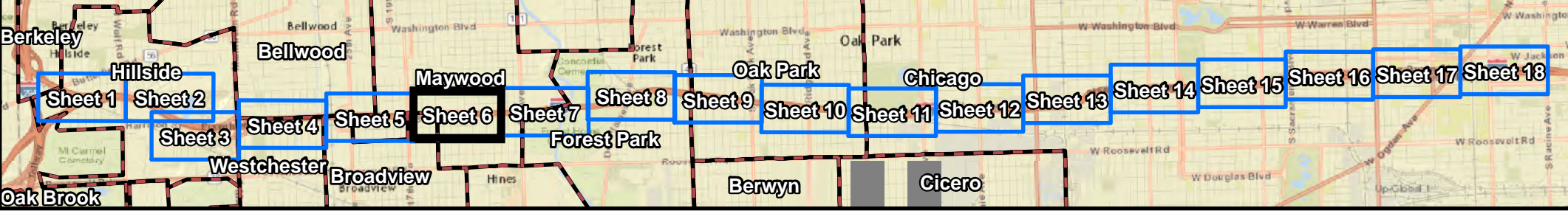
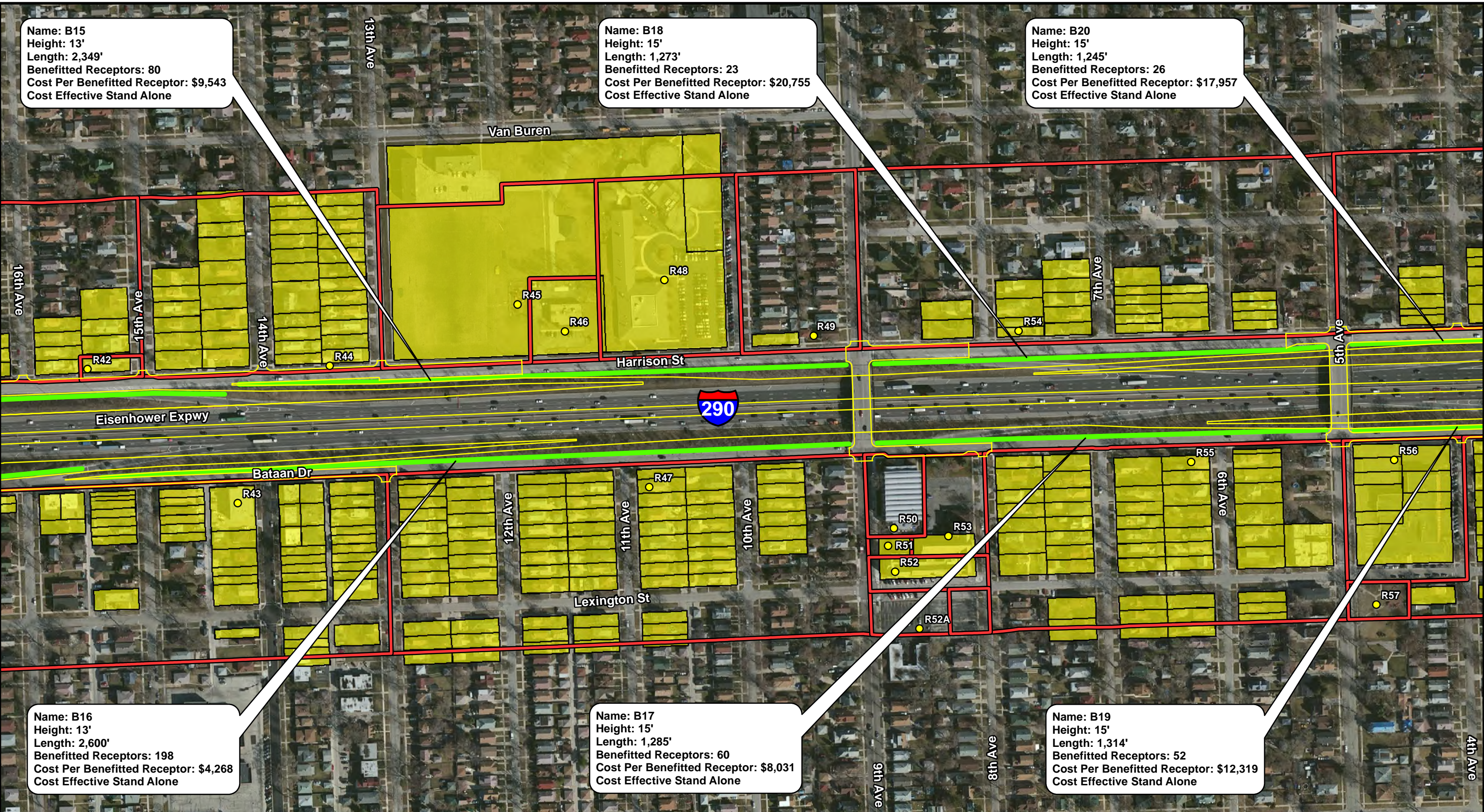
Name: B18
 Height: 15'
 Length: 1,273'
 Benefitted Receptors: 23
 Cost Per Benefitted Receptor: \$20,755
 Cost Effective Stand Alone

Name: B20
 Height: 15'
 Length: 1,245'
 Benefitted Receptors: 26
 Cost Per Benefitted Receptor: \$17,957
 Cost Effective Stand Alone

Name: B16
 Height: 13'
 Length: 2,600'
 Benefitted Receptors: 198
 Cost Per Benefitted Receptor: \$4,268
 Cost Effective Stand Alone

Name: B17
 Height: 15'
 Length: 1,285'
 Benefitted Receptors: 60
 Cost Per Benefitted Receptor: \$8,031
 Cost Effective Stand Alone

Name: B19
 Height: 15'
 Length: 1,314'
 Benefitted Receptors: 52
 Cost Per Benefitted Receptor: \$12,319
 Cost Effective Stand Alone



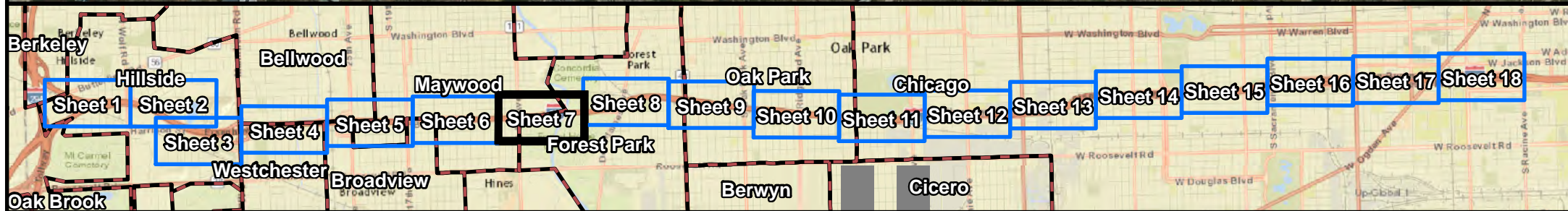
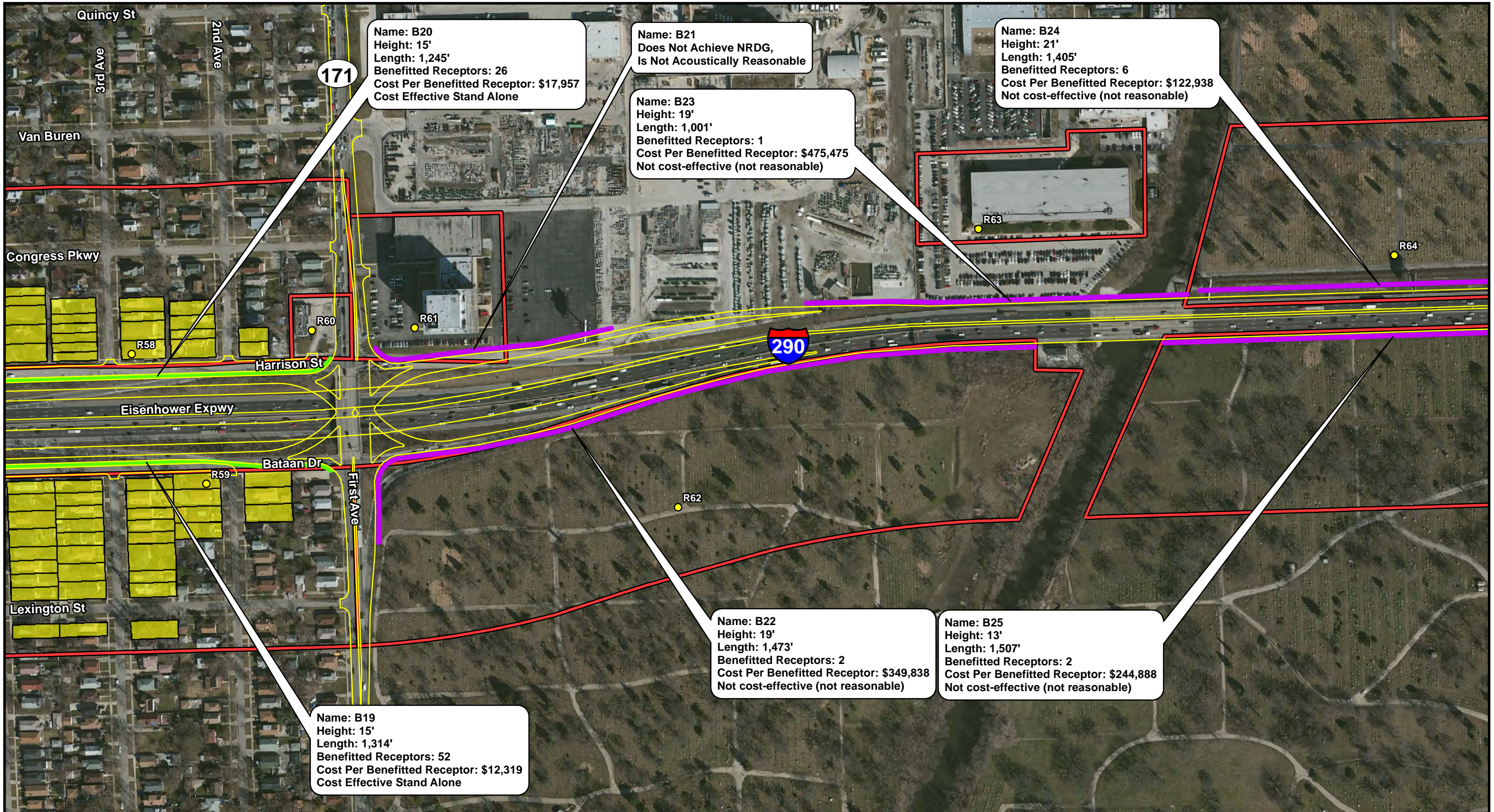
Aerial Source: USDA-FSA-APFO NAIP MrSID Mosaic, 2012

● Noise Receptor	Existing Noise Barrier
Benefitted by Noise Wall	Cost Effective Noise Barrier
Common Noise Environment	Barrier Studied, Not Reasonable and Feasible
Municipal Boundary	Proposed Edge of Pavement

Huff & Huff, Inc.

Figure 2
 Analyzed Noise Wall Location Map
 I-290 (IL56/Butterfield Rd to Racine Ave)
 Cook County, Illinois
 Sheet 6 of 18
 NRDG: Noise Reduction Design Plan

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0 250 500
Feet

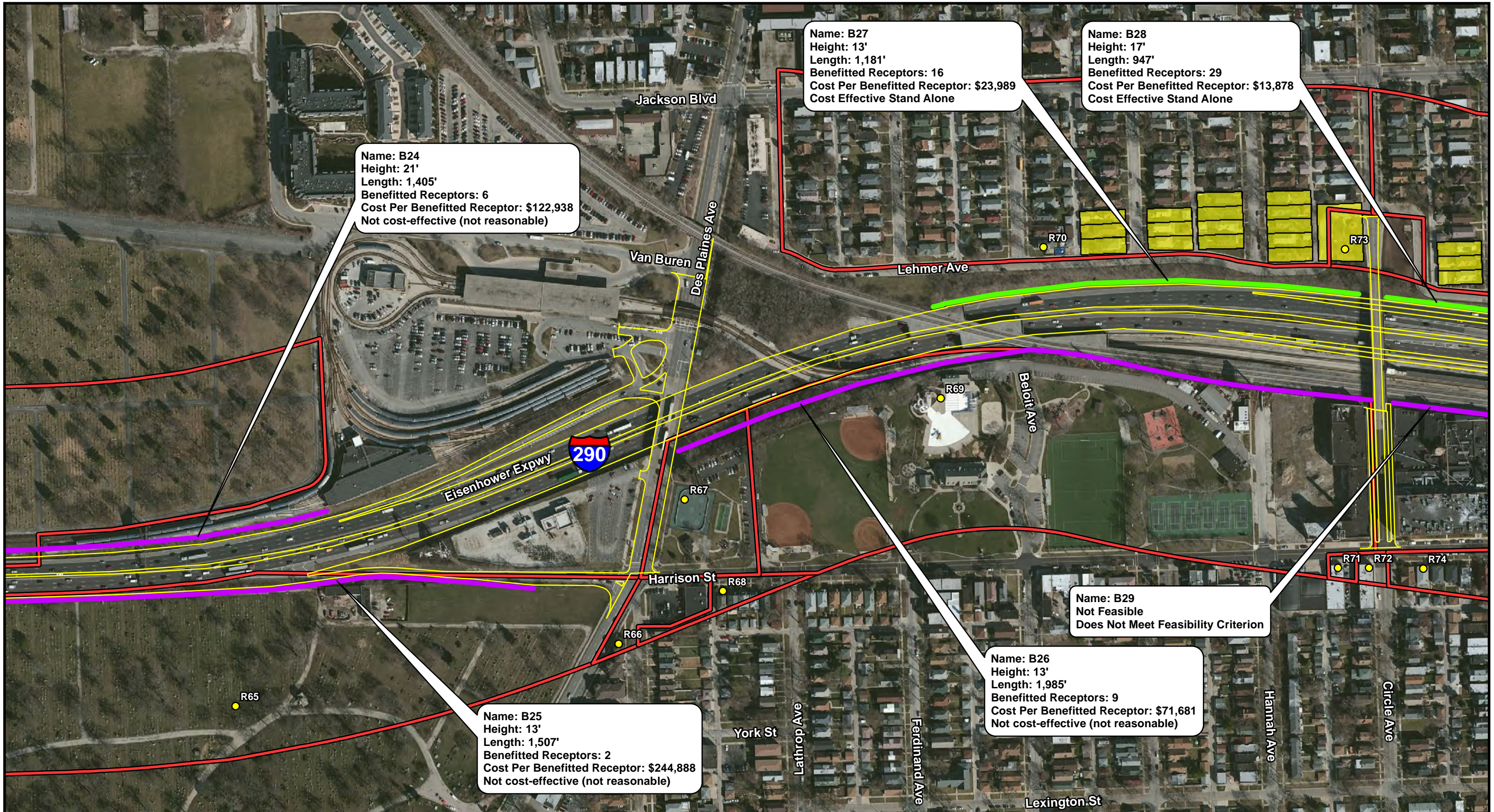
Aerial Source: USDA-FSA-APFO NAIP MrSID Mosaic, 2012

Legend

- Noise Receptor
- Benefitted by Noise Wall
- Common Noise Environment
- Municipal Boundary
- Existing Noise Barrier
- Cost Effective Noise Barrier
- Barrier Studied, Not Reasonable and Feasible
- Proposed Edge of Pavement

Huff & Huff, Inc.

Figure 2
 Analyzed Noise Wall Location Map
 I-290 (IL56/Butterfield Rd to Racine Ave)
 Cook County, Illinois
 Sheet 7 of 18
 NRDG: Noise Reduction Design Plan



Name: B24
 Height: 21'
 Length: 1,405'
 Benefitted Receptors: 6
 Cost Per Benefitted Receptor: \$122,938
 Not cost-effective (not reasonable)

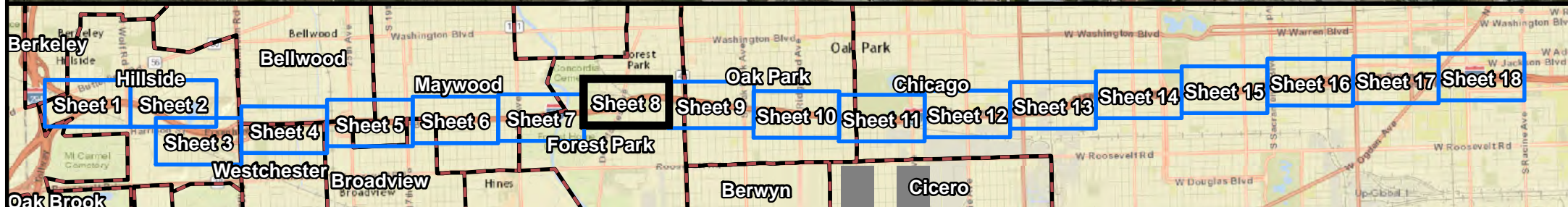
Name: B27
 Height: 13'
 Length: 1,181'
 Benefitted Receptors: 16
 Cost Per Benefitted Receptor: \$23,989
 Cost Effective Stand Alone

Name: B28
 Height: 17'
 Length: 947'
 Benefitted Receptors: 29
 Cost Per Benefitted Receptor: \$13,878
 Cost Effective Stand Alone

Name: B29
 Not Feasible
 Does Not Meet Feasibility Criterion

Name: B26
 Height: 13'
 Length: 1,985'
 Benefitted Receptors: 9
 Cost Per Benefitted Receptor: \$71,681
 Not cost-effective (not reasonable)

Name: B25
 Height: 13'
 Length: 1,507'
 Benefitted Receptors: 2
 Cost Per Benefitted Receptor: \$244,888
 Not cost-effective (not reasonable)



0 250 500
 Feet

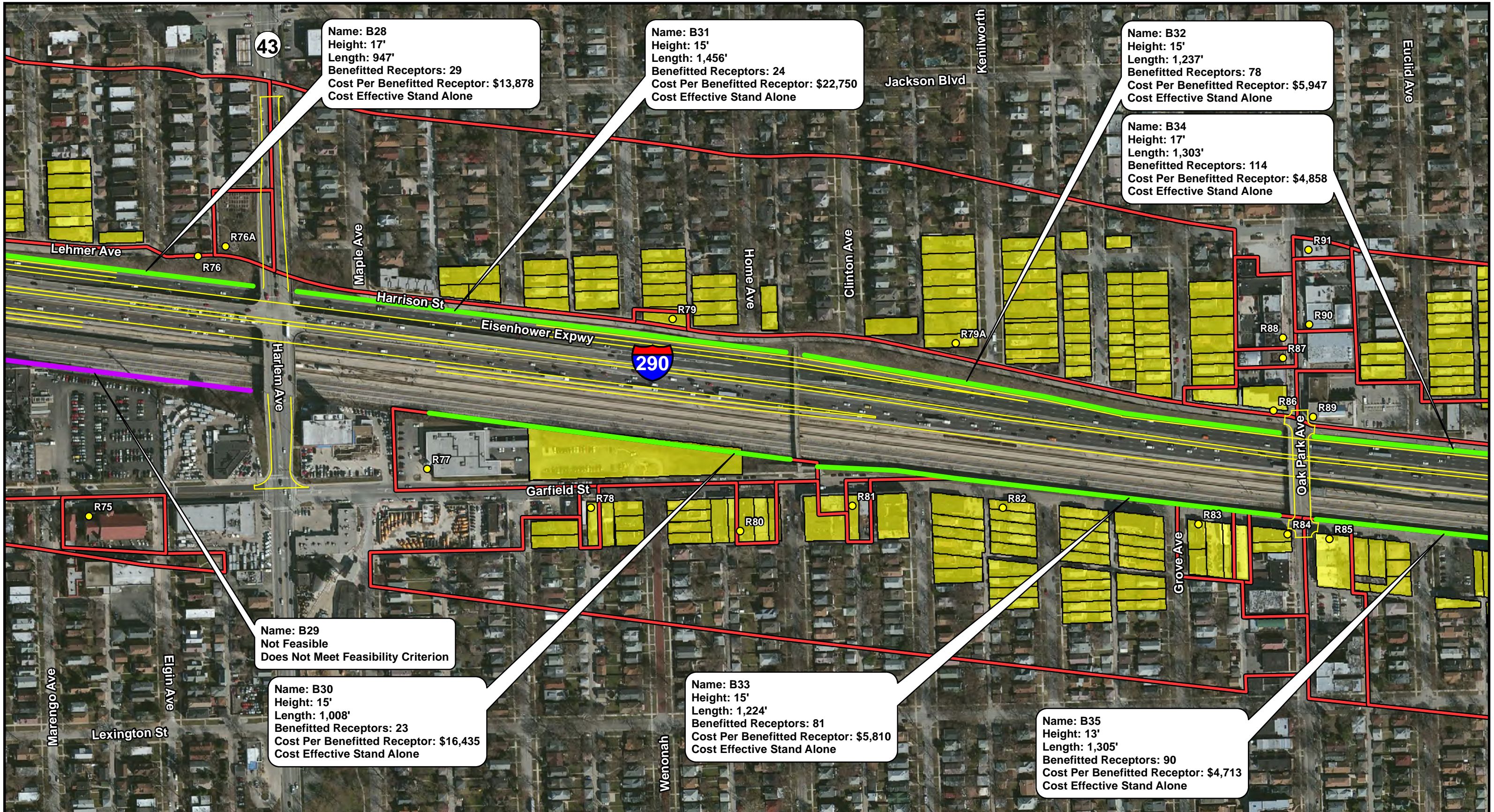
Aerial Source: USDA-FSA-APFO NAIP MrSID Mosaic, 2012

Legend

- Noise Receptor
- Benefitted by Noise Wall
- Common Noise Environment
- Municipal Boundary
- Existing Noise Barrier
- Cost Effective Noise Barrier
- Barrier Studied, Not Reasonable and Feasible
- Proposed Edge of Pavement

Huff & Huff, Inc.

Figure 2
 Analyzed Noise Wall Location Map
 I-290 (IL56/Butterfield Rd to Racine Ave)
 Cook County, Illinois
 Sheet 8 of 18
 NRDG: Noise Reduction Design Plan



Name: B28
 Height: 17'
 Length: 947'
 Benefitted Receptors: 29
 Cost Per Benefitted Receptor: \$13,878
 Cost Effective Stand Alone

Name: B31
 Height: 15'
 Length: 1,456'
 Benefitted Receptors: 24
 Cost Per Benefitted Receptor: \$22,750
 Cost Effective Stand Alone

Name: B32
 Height: 15'
 Length: 1,237'
 Benefitted Receptors: 78
 Cost Per Benefitted Receptor: \$5,947
 Cost Effective Stand Alone

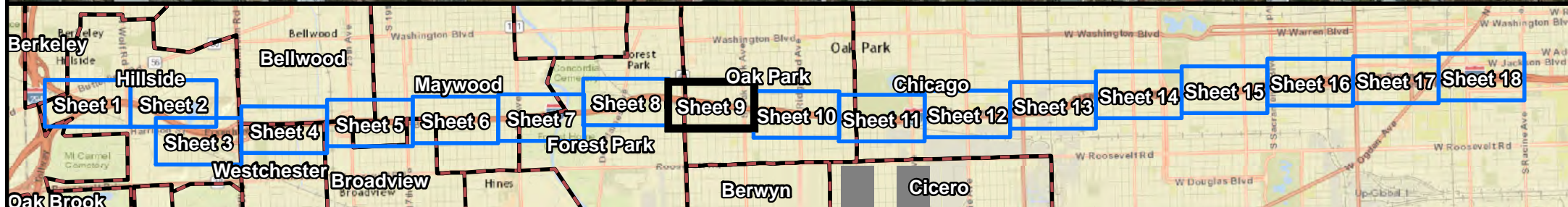
Name: B34
 Height: 17'
 Length: 1,303'
 Benefitted Receptors: 114
 Cost Per Benefitted Receptor: \$4,858
 Cost Effective Stand Alone

Name: B29
 Not Feasible
 Does Not Meet Feasibility Criterion

Name: B30
 Height: 15'
 Length: 1,008'
 Benefitted Receptors: 23
 Cost Per Benefitted Receptor: \$16,435
 Cost Effective Stand Alone

Name: B33
 Height: 15'
 Length: 1,224'
 Benefitted Receptors: 81
 Cost Per Benefitted Receptor: \$5,810
 Cost Effective Stand Alone

Name: B35
 Height: 13'
 Length: 1,305'
 Benefitted Receptors: 90
 Cost Per Benefitted Receptor: \$4,713
 Cost Effective Stand Alone



0 250 500 Feet

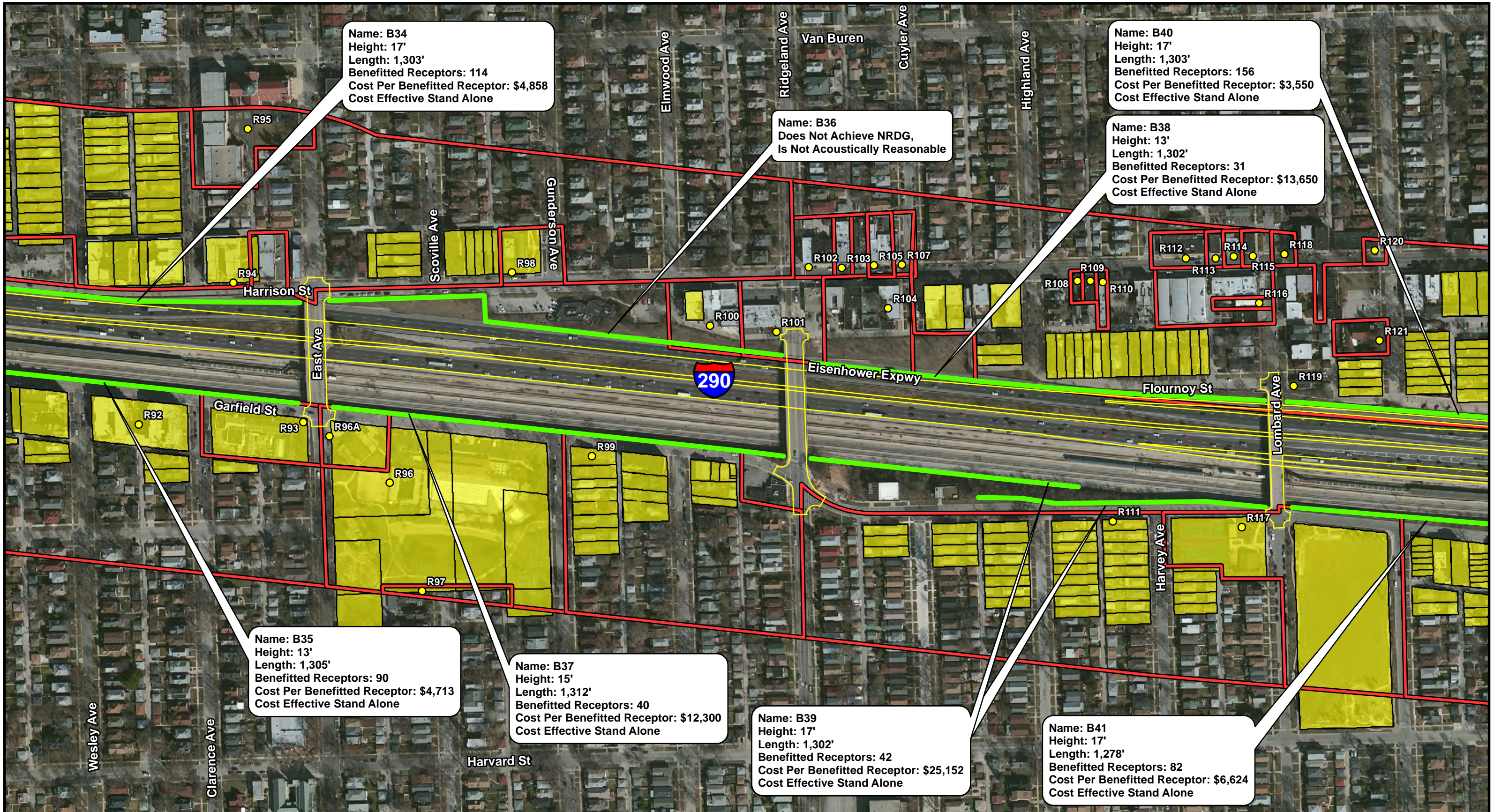
Aerial Source: USDA-FSA-APFO NAIP MrSID Mosaic, 2012

● Noise Receptor	Existing Noise Barrier
■ Benefitted by Noise Wall	Cost Effective Noise Barrier
□ Common Noise Environment	Barrier Studied, Not Reasonable and Feasible
▭ Municipal Boundary	Proposed Edge of Pavement

Huff & Huff, Inc.

Figure 2
 Analyzed Noise Wall Location Map
 I-290 (IL56/Butterfield Rd to Racine Ave)
 Cook County, Illinois
 Sheet 9 of 18
 NRDG: Noise Reduction Design Plan

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Name: B34
 Height: 17'
 Length: 1,303'
 Benefitted Receptors: 114
 Cost Per Benefitted Receptor: \$4,858
 Cost Effective Stand Alone

Name: B36
 Does Not Achieve NRDG,
 Is Not Acoustically Reasonable

Name: B40
 Height: 17'
 Length: 1,303'
 Benefitted Receptors: 156
 Cost Per Benefitted Receptor: \$3,550
 Cost Effective Stand Alone

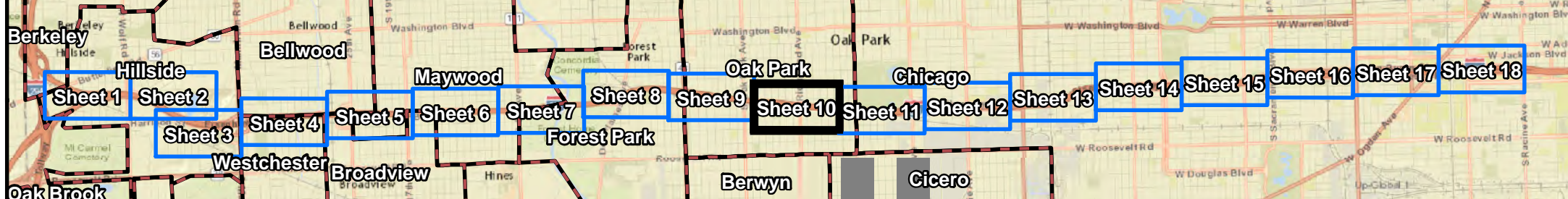
Name: B38
 Height: 13'
 Length: 1,302'
 Benefitted Receptors: 31
 Cost Per Benefitted Receptor: \$13,650
 Cost Effective Stand Alone

Name: B35
 Height: 13'
 Length: 1,305'
 Benefitted Receptors: 90
 Cost Per Benefitted Receptor: \$4,713
 Cost Effective Stand Alone

Name: B37
 Height: 15'
 Length: 1,312'
 Benefitted Receptors: 40
 Cost Per Benefitted Receptor: \$12,300
 Cost Effective Stand Alone

Name: B39
 Height: 17'
 Length: 1,302'
 Benefitted Receptors: 42
 Cost Per Benefitted Receptor: \$25,152
 Cost Effective Stand Alone

Name: B41
 Height: 17'
 Length: 1,278'
 Benefitted Receptors: 82
 Cost Per Benefitted Receptor: \$6,624
 Cost Effective Stand Alone



Aerial Source: USDA-FSA-APFO NAIP MrSID Mosaic, 2012

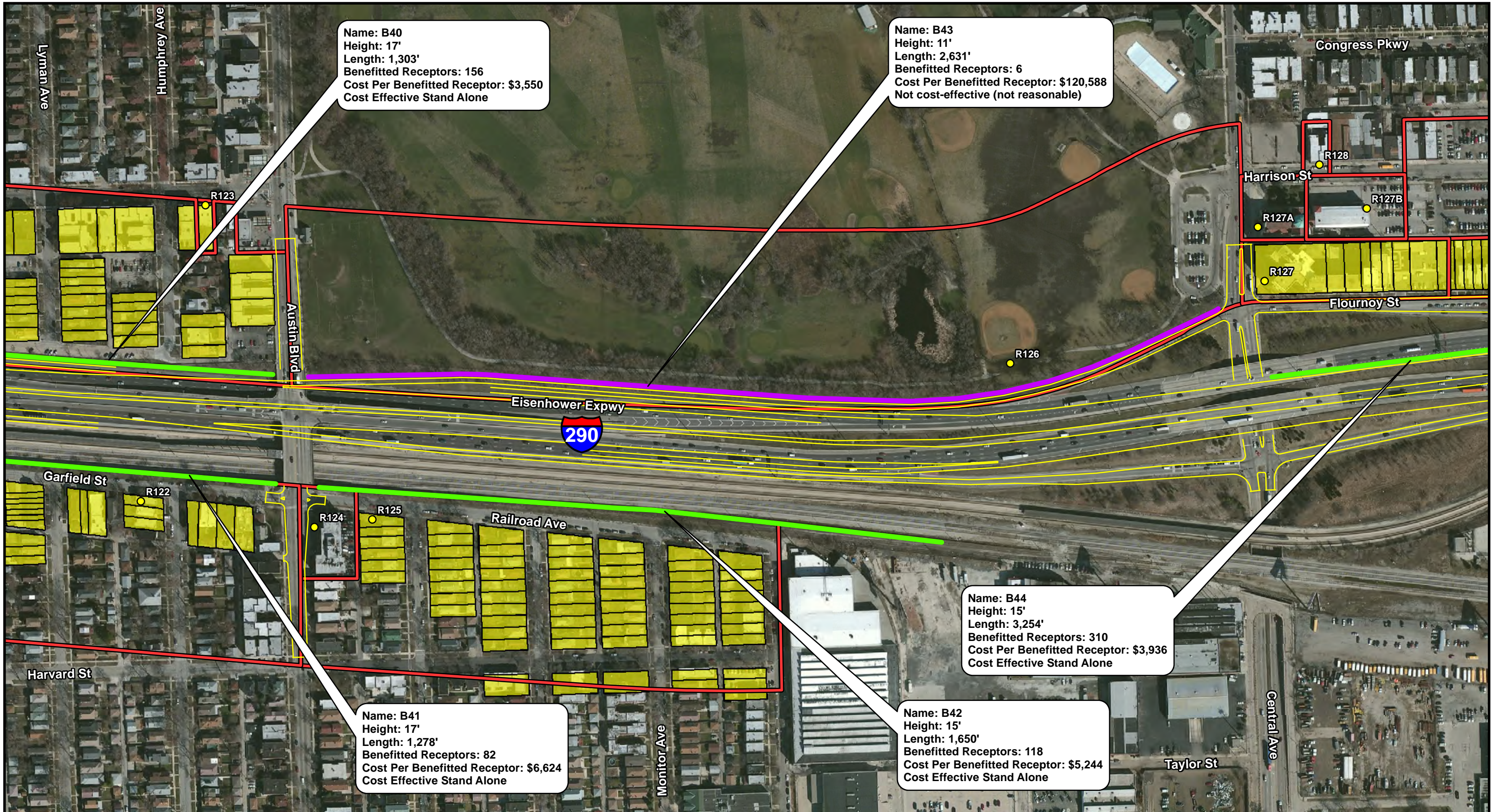
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 Feet

Legend

- Noise Receptor
- Benefitted by Noise Wall
- Common Noise Environment
- Municipal Boundary
- Existing Noise Barrier
- Cost Effective Noise Barrier
- Barrier Studied, Not Reasonable and Feasible
- Proposed Edge of Pavement

Huff & Huff, Inc.

Figure 2
 Analyzed Noise Wall Location Map
 I-290 (IL56/Butterfield Rd to Racine Ave)
 Cook County, Illinois
 Sheet 10 of 18
 NRDG: Noise Reduction Design Plan



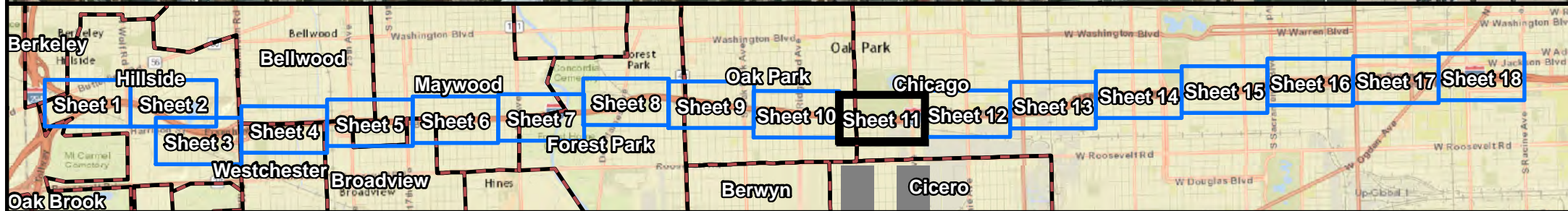
Name: B40
 Height: 17'
 Length: 1,303'
 Benefitted Receptors: 156
 Cost Per Benefitted Receptor: \$3,550
 Cost Effective Stand Alone

Name: B43
 Height: 11'
 Length: 2,631'
 Benefitted Receptors: 6
 Cost Per Benefitted Receptor: \$120,588
 Not cost-effective (not reasonable)

Name: B44
 Height: 15'
 Length: 3,254'
 Benefitted Receptors: 310
 Cost Per Benefitted Receptor: \$3,936
 Cost Effective Stand Alone

Name: B41
 Height: 17'
 Length: 1,278'
 Benefitted Receptors: 82
 Cost Per Benefitted Receptor: \$6,624
 Cost Effective Stand Alone

Name: B42
 Height: 15'
 Length: 1,650'
 Benefitted Receptors: 118
 Cost Per Benefitted Receptor: \$5,244
 Cost Effective Stand Alone



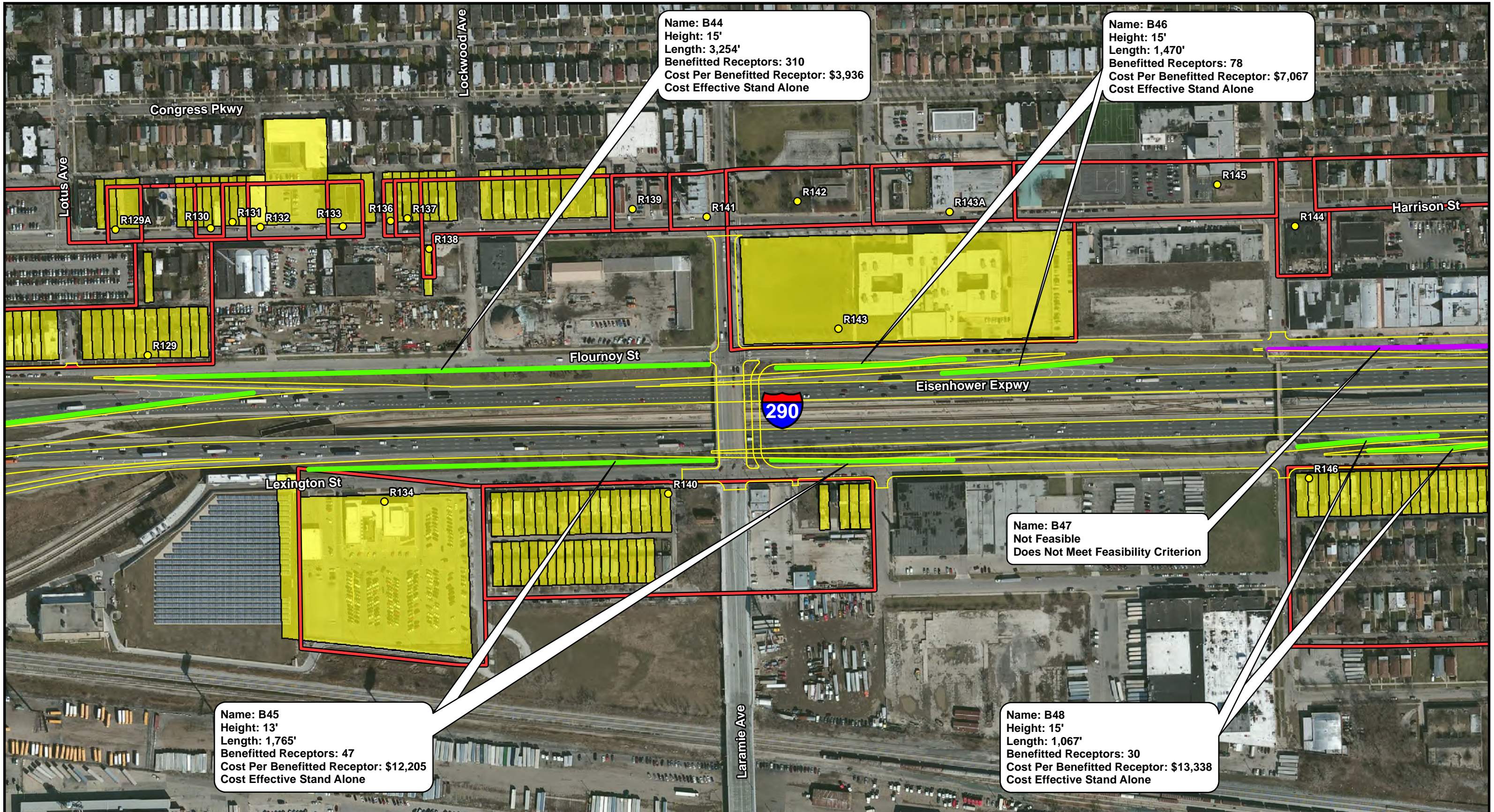
0 250 500 Feet

Aerial Source: USDA-FSA-APFO NAIP MrSID Mosaic, 2012

● Noise Receptor	Existing Noise Barrier
■ Benefitted by Noise Wall	Cost Effective Noise Barrier
□ Common Noise Environment	Barrier Studied, Not Reasonable and Feasible
▭ Municipal Boundary	Proposed Edge of Pavement

Huff & Huff, Inc.

Figure 2
 Analyzed Noise Wall Location Map
 I-290 (IL56/Butterfield Rd to Racine Ave)
 Cook County, Illinois
 Sheet 11 of 18
 NRDG: Noise Reduction Design Plan



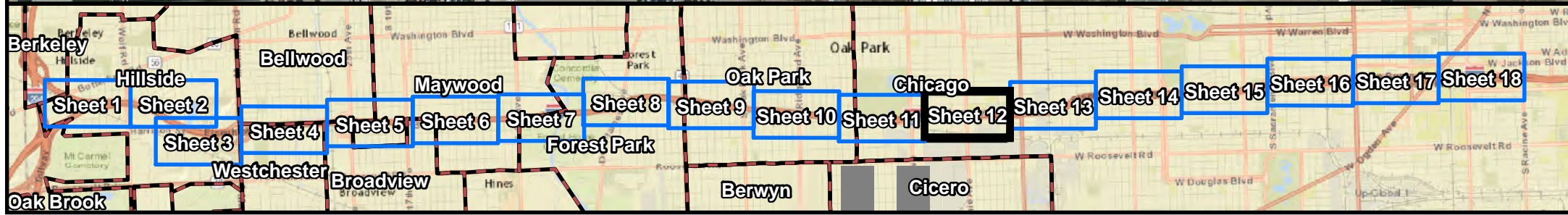
Name: B44
 Height: 15'
 Length: 3,254'
 Benefitted Receptors: 310
 Cost Per Benefitted Receptor: \$3,936
 Cost Effective Stand Alone

Name: B46
 Height: 15'
 Length: 1,470'
 Benefitted Receptors: 78
 Cost Per Benefitted Receptor: \$7,067
 Cost Effective Stand Alone

Name: B47
 Not Feasible
 Does Not Meet Feasibility Criterion

Name: B45
 Height: 13'
 Length: 1,765'
 Benefitted Receptors: 47
 Cost Per Benefitted Receptor: \$12,205
 Cost Effective Stand Alone

Name: B48
 Height: 15'
 Length: 1,067'
 Benefitted Receptors: 30
 Cost Per Benefitted Receptor: \$13,338
 Cost Effective Stand Alone



0 250 500 Feet

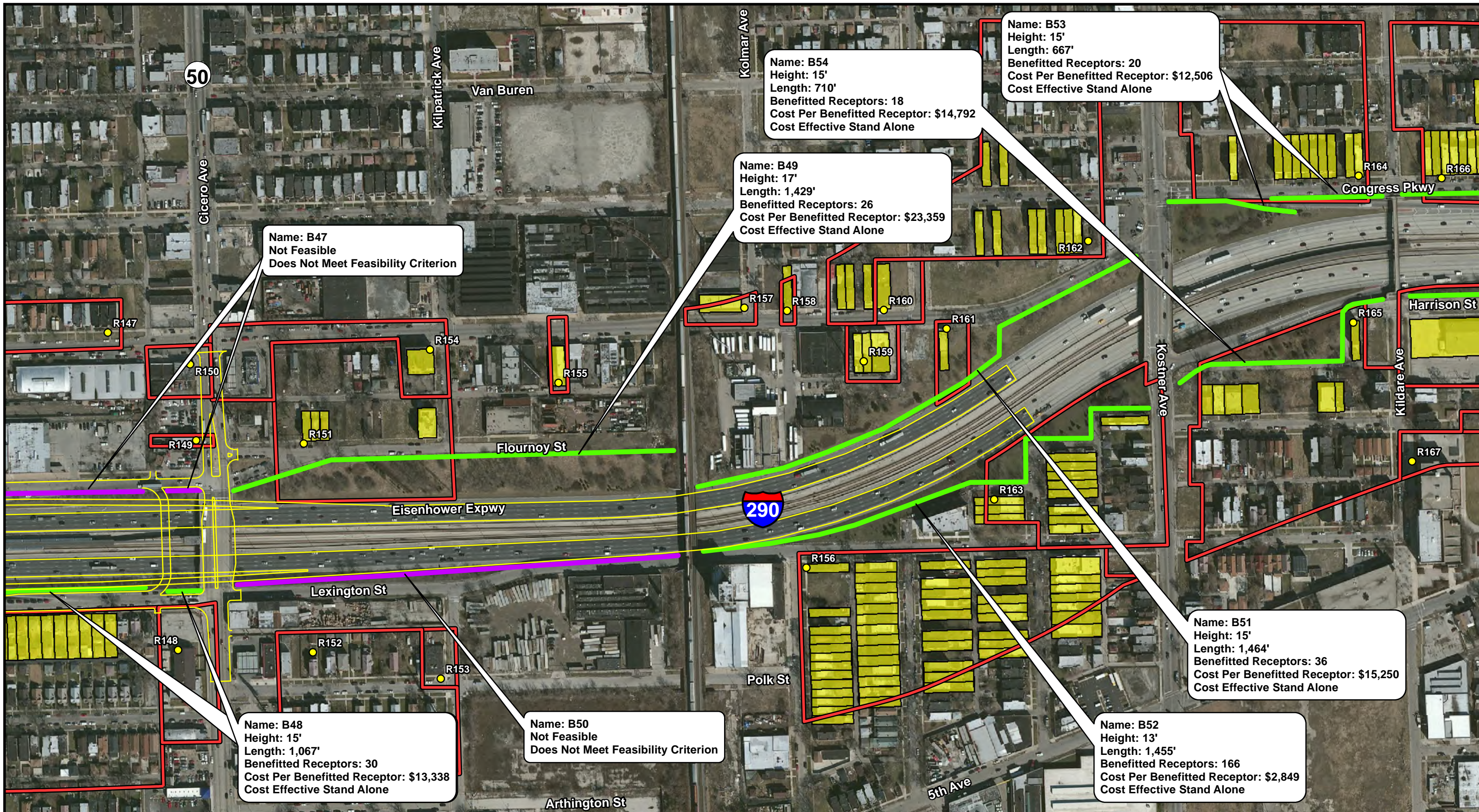
Aerial Source: USDA-FSA-APFO NAIP MrSID Mosaic, 2012

● Noise Receptor	Existing Noise Barrier
Benefitted by Noise Wall	Cost Effective Noise Barrier
Common Noise Environment	Barrier Studied, Not Reasonable and Feasible
Municipal Boundary	Proposed Edge of Pavement

Huff & Huff, Inc.

Figure 2
 Analyzed Noise Wall Location Map
 I-290 (IL56/Butterfield Rd to Racine Ave)
 Cook County, Illinois
 Sheet 12 of 18
 NRDG: Noise Reduction Design Plan

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Name: B47
Not Feasible
Does Not Meet Feasibility Criterion

Name: B54
Height: 15'
Length: 710'
Benefitted Receptors: 18
Cost Per Benefitted Receptor: \$14,792
Cost Effective Stand Alone

Name: B53
Height: 15'
Length: 667'
Benefitted Receptors: 20
Cost Per Benefitted Receptor: \$12,506
Cost Effective Stand Alone

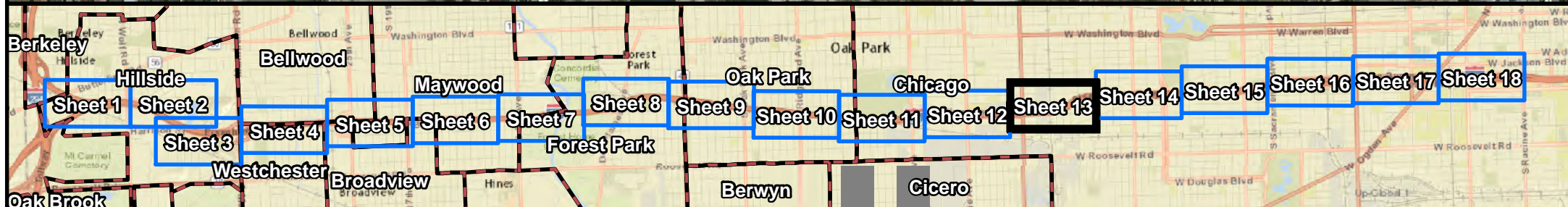
Name: B49
Height: 17'
Length: 1,429'
Benefitted Receptors: 26
Cost Per Benefitted Receptor: \$23,359
Cost Effective Stand Alone

Name: B48
Height: 15'
Length: 1,067'
Benefitted Receptors: 30
Cost Per Benefitted Receptor: \$13,338
Cost Effective Stand Alone

Name: B50
Not Feasible
Does Not Meet Feasibility Criterion

Name: B51
Height: 15'
Length: 1,464'
Benefitted Receptors: 36
Cost Per Benefitted Receptor: \$15,250
Cost Effective Stand Alone

Name: B52
Height: 13'
Length: 1,455'
Benefitted Receptors: 166
Cost Per Benefitted Receptor: \$2,849
Cost Effective Stand Alone



0 250 500 Feet

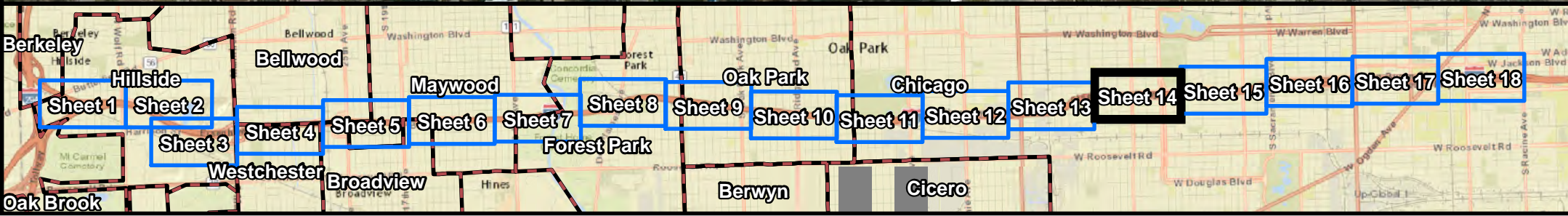
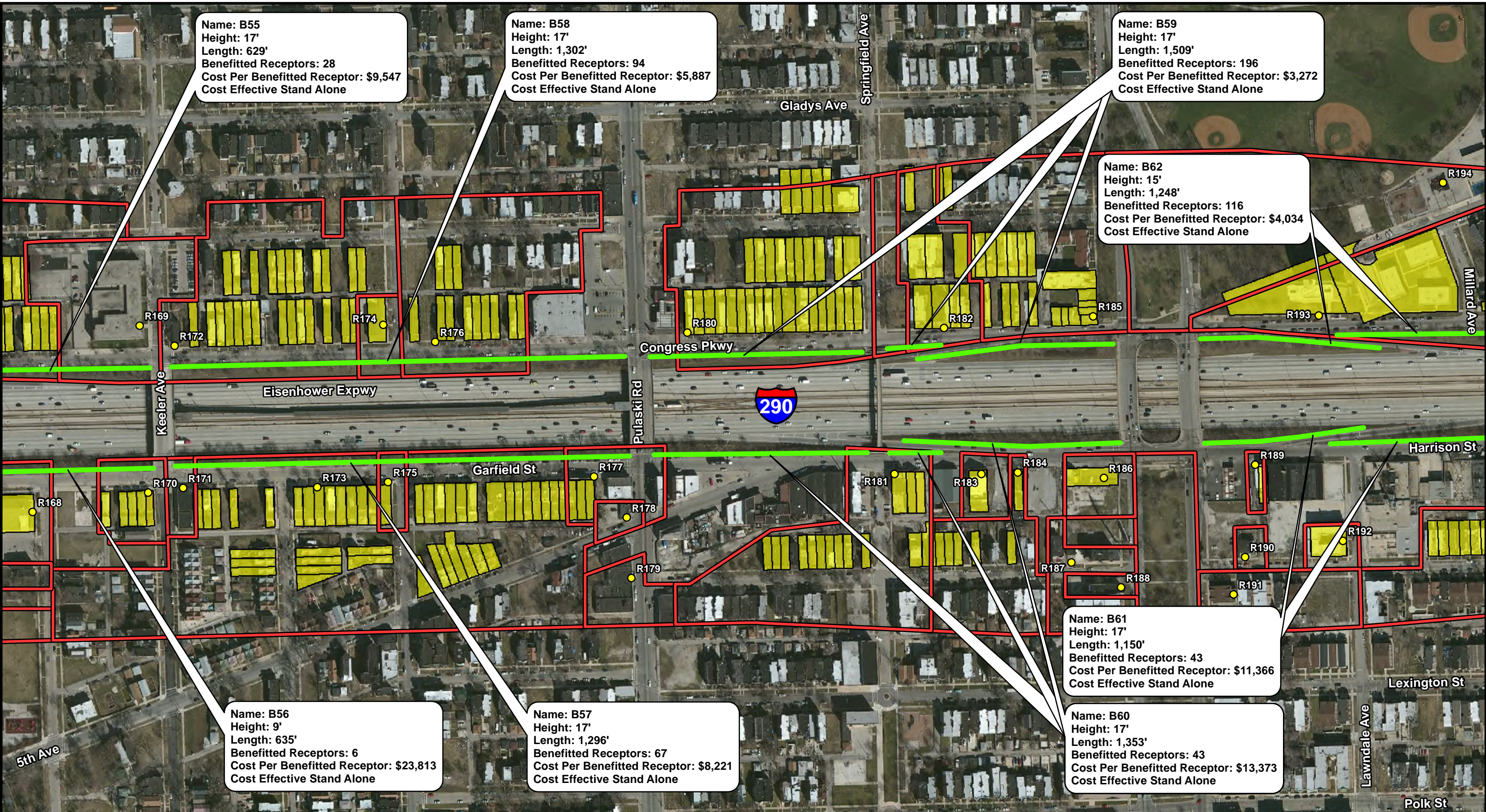
Aerial Source: USDA-FSA-APFO NAIP MrSID Mosaic, 2012

● Noise Receptor	Existing Noise Barrier
■ Benefitted by Noise Wall	Cost Effective Noise Barrier
□ Common Noise Environment	Barrier Studied, Not Reasonable and Feasible
▭ Municipal Boundary	Proposed Edge of Pavement

Huff & Huff, Inc.

Figure 2
Analyzed Noise Wall Location Map
I-290 (IL56/Butterfield Rd to Racine Ave)
Cook County, Illinois
Sheet 13 of 18
NRDG: Noise Reduction Design Plan

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Aerial Source: USDA-FSA-APFO NAIP MrSID Mosaic, 2012

0 250 500 Feet

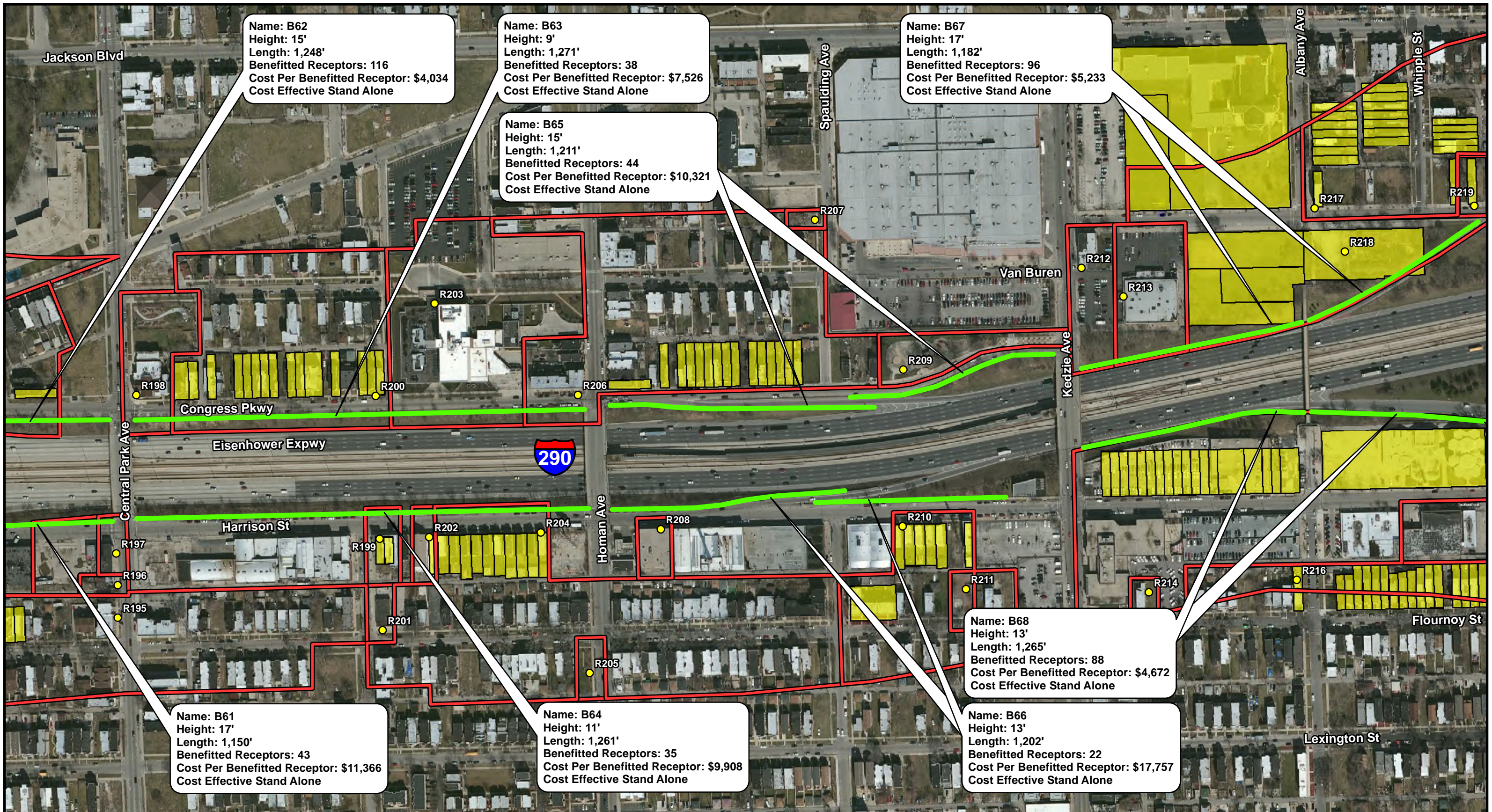
Legend

- Noise Receptor
- Benefitted by Noise Wall
- Common Noise Environment
- Municipal Boundary
- Existing Noise Barrier
- Cost Effective Noise Barrier
- Barrier Studied, Not Reasonable and Feasible
- Proposed Edge of Pavement

Huff & Huff, Inc.

Figure 2
Analyzed Noise Wall Location Map
I-290 (IL56/Butterfield Rd to Racine Ave)
Cook County, Illinois
Sheet 14 of 18
NRDG: Noise Reduction Design Plan

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Name: B62
 Height: 15'
 Length: 1,248'
 Benefitted Receptors: 116
 Cost Per Benefitted Receptor: \$4,034
 Cost Effective Stand Alone

Name: B63
 Height: 9'
 Length: 1,271'
 Benefitted Receptors: 38
 Cost Per Benefitted Receptor: \$7,526
 Cost Effective Stand Alone

Name: B67
 Height: 17'
 Length: 1,182'
 Benefitted Receptors: 96
 Cost Per Benefitted Receptor: \$5,233
 Cost Effective Stand Alone

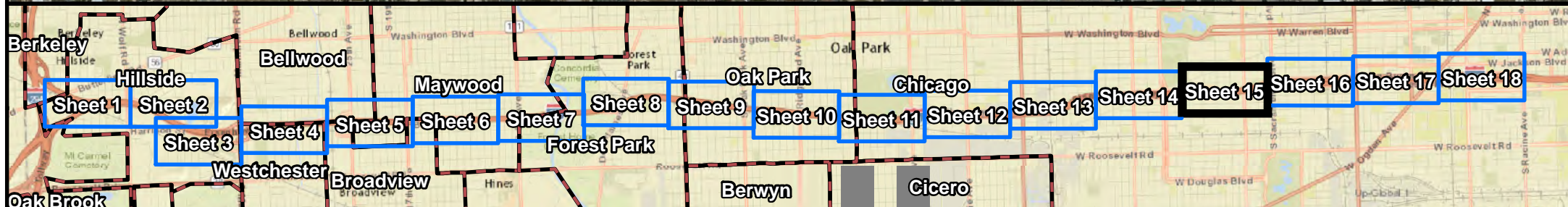
Name: B65
 Height: 15'
 Length: 1,211'
 Benefitted Receptors: 44
 Cost Per Benefitted Receptor: \$10,321
 Cost Effective Stand Alone

Name: B61
 Height: 17'
 Length: 1,150'
 Benefitted Receptors: 43
 Cost Per Benefitted Receptor: \$11,366
 Cost Effective Stand Alone

Name: B64
 Height: 11'
 Length: 1,261'
 Benefitted Receptors: 35
 Cost Per Benefitted Receptor: \$9,908
 Cost Effective Stand Alone

Name: B68
 Height: 13'
 Length: 1,265'
 Benefitted Receptors: 88
 Cost Per Benefitted Receptor: \$4,672
 Cost Effective Stand Alone

Name: B66
 Height: 13'
 Length: 1,202'
 Benefitted Receptors: 22
 Cost Per Benefitted Receptor: \$17,757
 Cost Effective Stand Alone



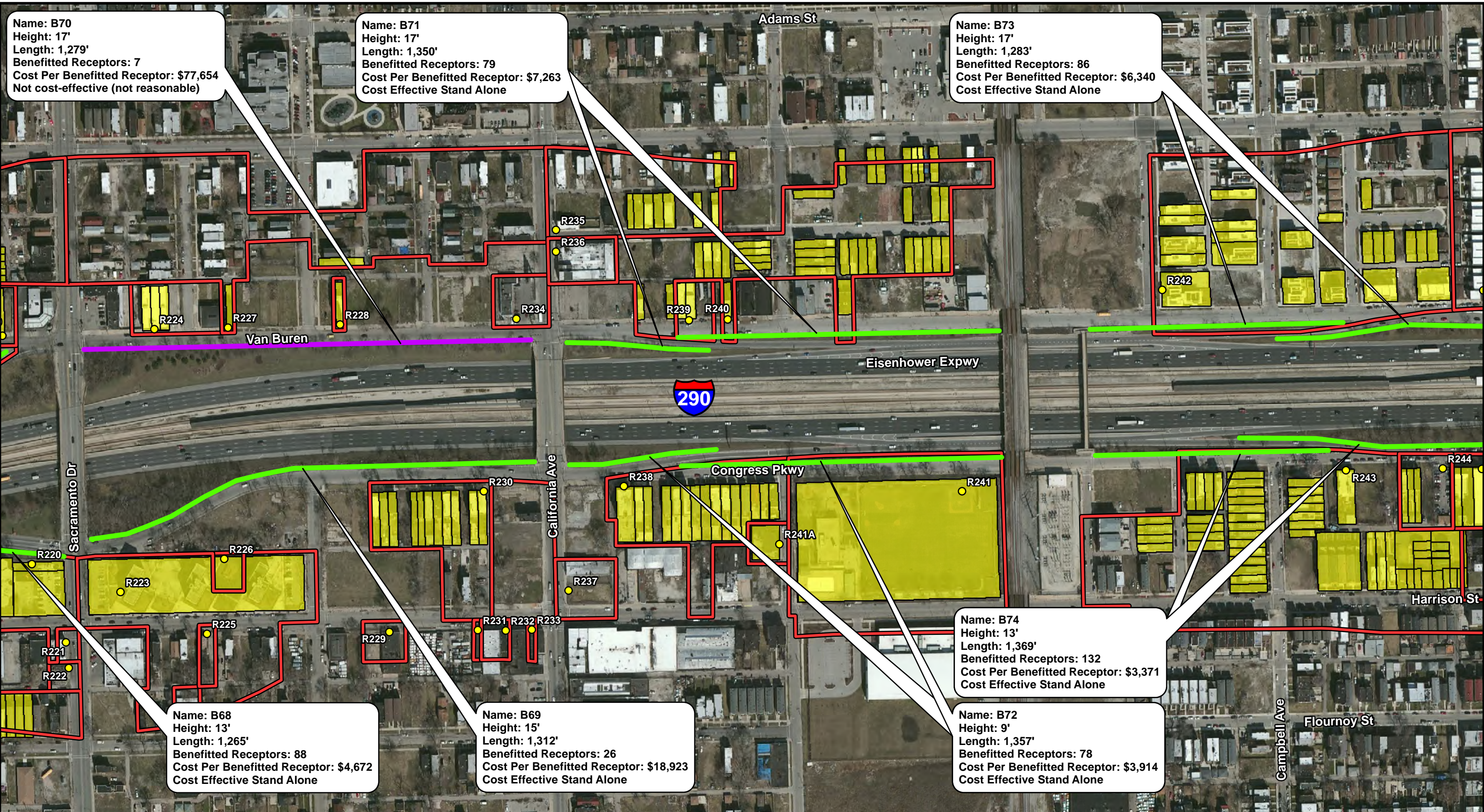
Legend

- Noise Receptor
- Benefitted by Noise Wall
- Common Noise Environment
- Municipal Boundary
- Existing Noise Barrier
- Cost Effective Noise Barrier
- Barrier Studied, Not Reasonable and Feasible
- Proposed Edge of Pavement

Huff & Huff, Inc.

Figure 2
 Analyzed Noise Wall Location Map
 I-290 (IL56/Butterfield Rd to Racine Ave)
 Cook County, Illinois
 Sheet 15 of 18
 NRDG: Noise Reduction Design Plan

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Name: B70
 Height: 17'
 Length: 1,279'
 Benefitted Receptors: 7
 Cost Per Benefitted Receptor: \$77,654
 Not cost-effective (not reasonable)

Name: B71
 Height: 17'
 Length: 1,350'
 Benefitted Receptors: 79
 Cost Per Benefitted Receptor: \$7,263
 Cost Effective Stand Alone

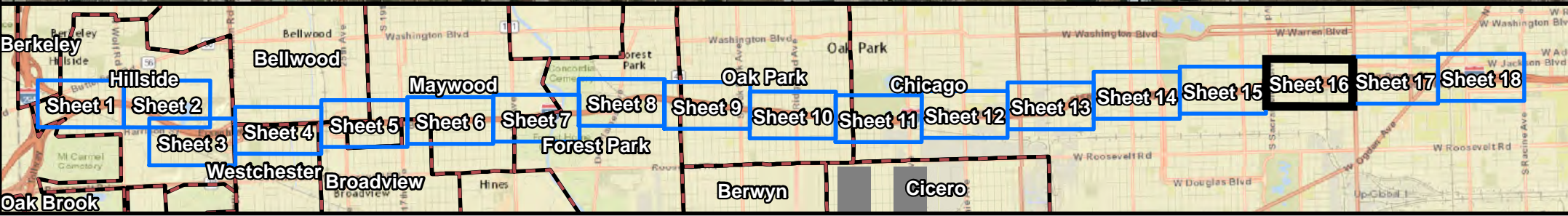
Name: B73
 Height: 17'
 Length: 1,283'
 Benefitted Receptors: 86
 Cost Per Benefitted Receptor: \$6,340
 Cost Effective Stand Alone

Name: B68
 Height: 13'
 Length: 1,265'
 Benefitted Receptors: 88
 Cost Per Benefitted Receptor: \$4,672
 Cost Effective Stand Alone

Name: B69
 Height: 15'
 Length: 1,312'
 Benefitted Receptors: 26
 Cost Per Benefitted Receptor: \$18,923
 Cost Effective Stand Alone

Name: B74
 Height: 13'
 Length: 1,369'
 Benefitted Receptors: 132
 Cost Per Benefitted Receptor: \$3,371
 Cost Effective Stand Alone

Name: B72
 Height: 9'
 Length: 1,357'
 Benefitted Receptors: 78
 Cost Per Benefitted Receptor: \$3,914
 Cost Effective Stand Alone



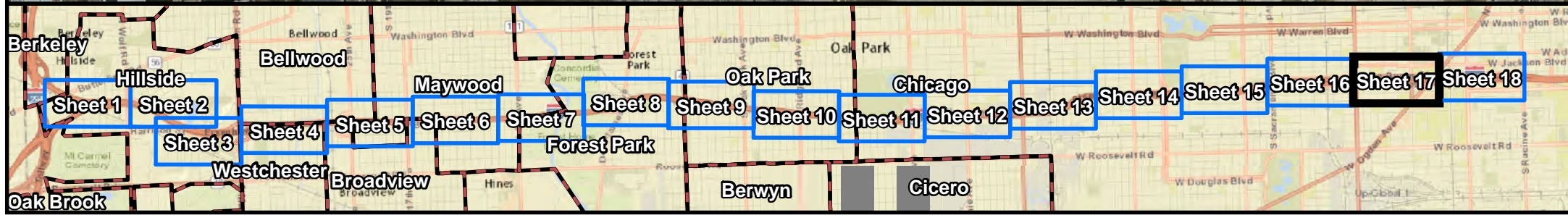
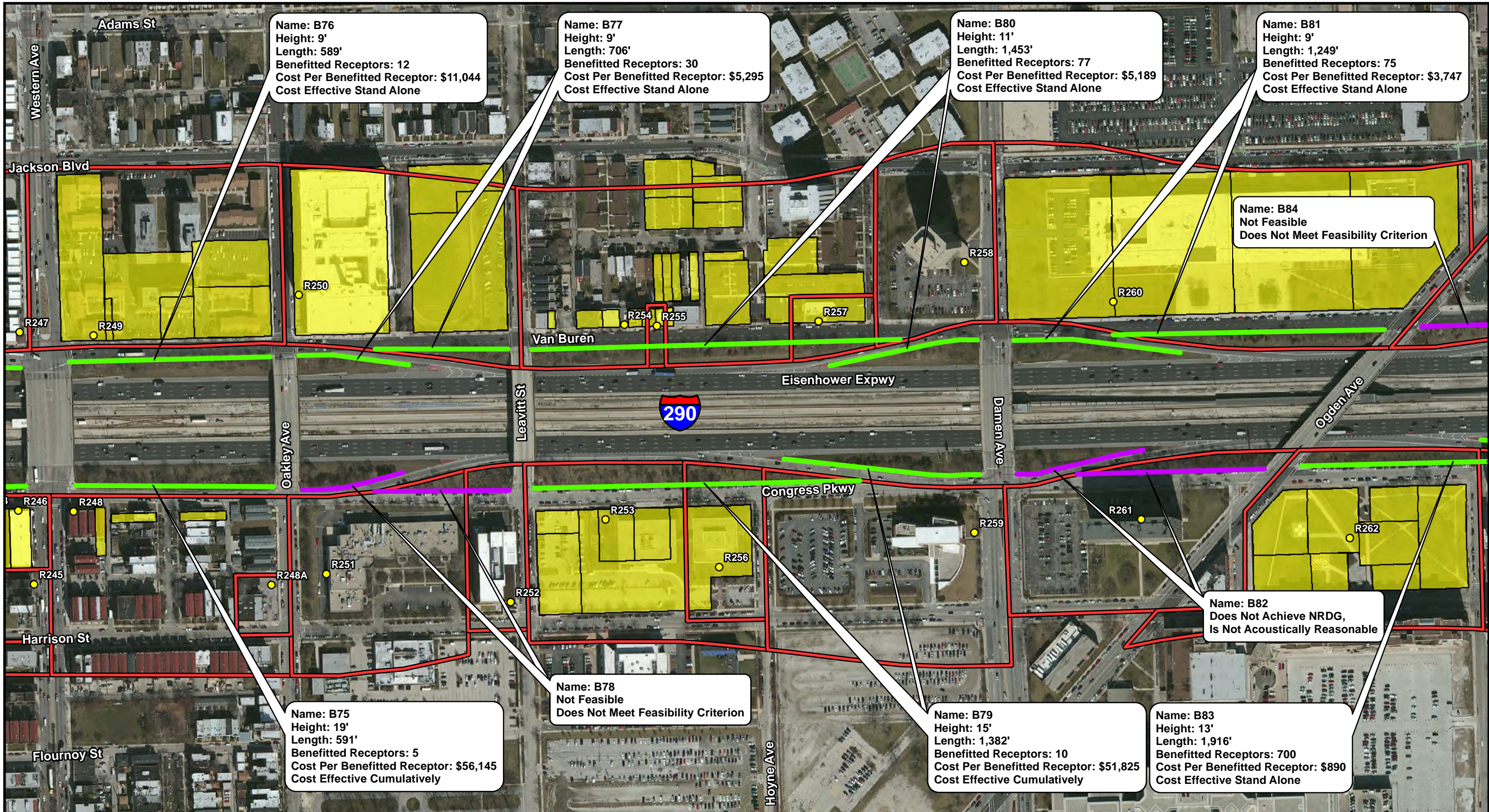
Aerial Source: USDA-FSA-APFO NAIP MrSID Mosaic, 2012

● Noise Receptor	Existing Noise Barrier
■ Benefitted by Noise Wall	Cost Effective Noise Barrier
□ Common Noise Environment	Barrier Studied, Not Reasonable and Feasible
▭ Municipal Boundary	Proposed Edge of Pavement

Huff & Huff, Inc.

Figure 2
 Analyzed Noise Wall Location Map
 I-290 (IL56/Butterfield Rd to Racine Ave)
 Cook County, Illinois
 Sheet 16 of 18
 NRDG: Noise Reduction Design Plan

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Aerial Source: USDA-FSA-APFO NAIP MrSID Mosaic, 2012

0 250 500 Feet

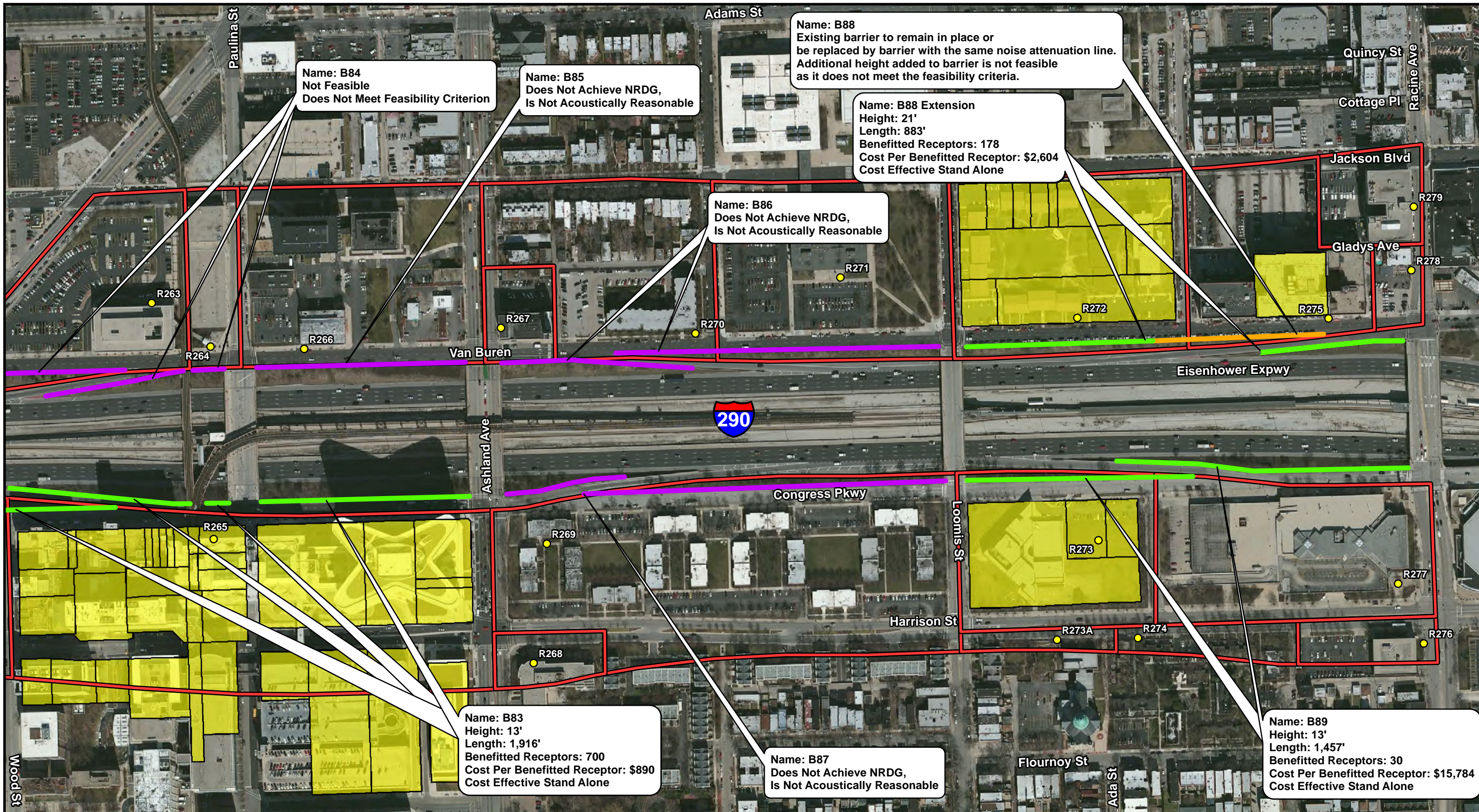
Legend

- Noise Receptor
- Benefitted by Noise Wall
- Common Noise Environment
- Municipal Boundary
- Existing Noise Barrier
- Cost Effective Noise Barrier
- Barrier Studied, Not Reasonable and Feasible
- Proposed Edge of Pavement

Huff & Huff, Inc.

Figure 2
Analyzed Noise Wall Location Map
I-290 (IL56/Butterfield Rd to Racine Ave)
Cook County, Illinois
Sheet 17 of 18
NRDG: Noise Reduction Design Plan

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Name: B84
Not Feasible
Does Not Meet Feasibility Criterion

Name: B85
Does Not Achieve NRDG,
Is Not Acoustically Reasonable

Name: B88
Existing barrier to remain in place or
be replaced by barrier with the same noise attenuation line.
Additional height added to barrier is not feasible
as it does not meet the feasibility criteria.

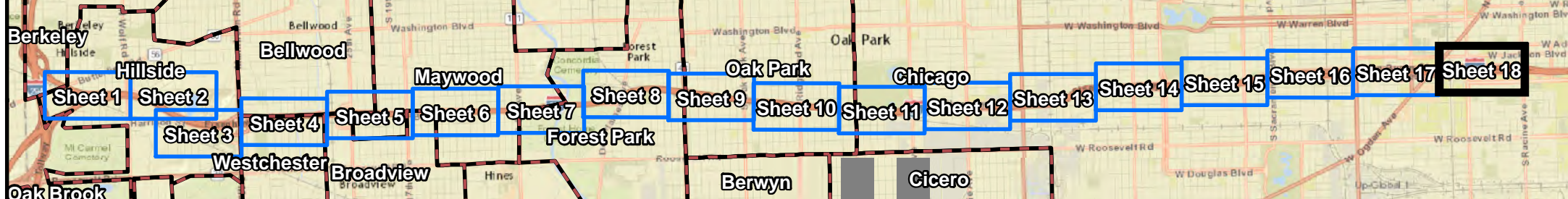
Name: B88 Extension
Height: 21'
Length: 883'
Benefitted Receptors: 178
Cost Per Benefitted Receptor: \$2,604
Cost Effective Stand Alone

Name: B86
Does Not Achieve NRDG,
Is Not Acoustically Reasonable

Name: B83
Height: 13'
Length: 1,916'
Benefitted Receptors: 700
Cost Per Benefitted Receptor: \$890
Cost Effective Stand Alone

Name: B87
Does Not Achieve NRDG,
Is Not Acoustically Reasonable

Name: B89
Height: 13'
Length: 1,457'
Benefitted Receptors: 30
Cost Per Benefitted Receptor: \$15,784
Cost Effective Stand Alone



0 250 500
Feet

Aerial Source: USDA-FSA-APFO NAIP MrSID Mosaic, 2012

● Noise Receptor	Existing Noise Barrier
■ Benefitted by Noise Wall	Cost Effective Noise Barrier
□ Common Noise Environment	Barrier Studied, Not Reasonable and Feasible
▭ Municipal Boundary	Proposed Edge of Pavement

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Figure 2
Analyzed Noise Wall Location Map
I-290 (IL56/Butterfield Rd to Racine Ave)
Cook County, Illinois
Sheet 18 of 18
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