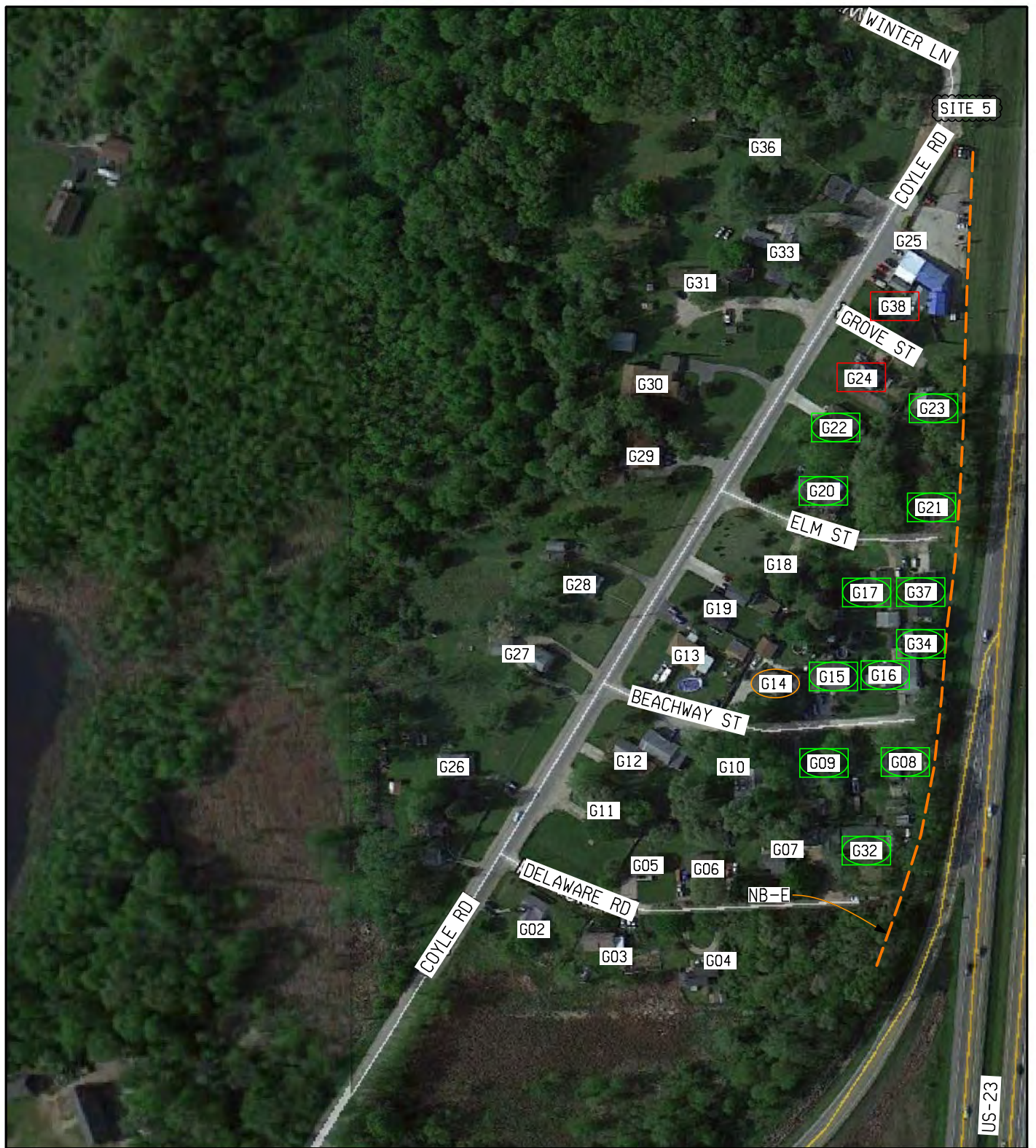




Legend

- A00 Modeled site, not benefited and not impacted
- A00 Modeled site, not benefited and impacted
- A00 Modeled site, benefited and not impacted
- A00 Modeled site, benefited and impacted
- SITE 1 Field Measurement Site
- 66 dB(A) Leq Setback
- 71 dB(A) Leq Setback
- Feasible and Reasonable Noise Barrier
- Evaluated Noise Barrier



Figure 11B

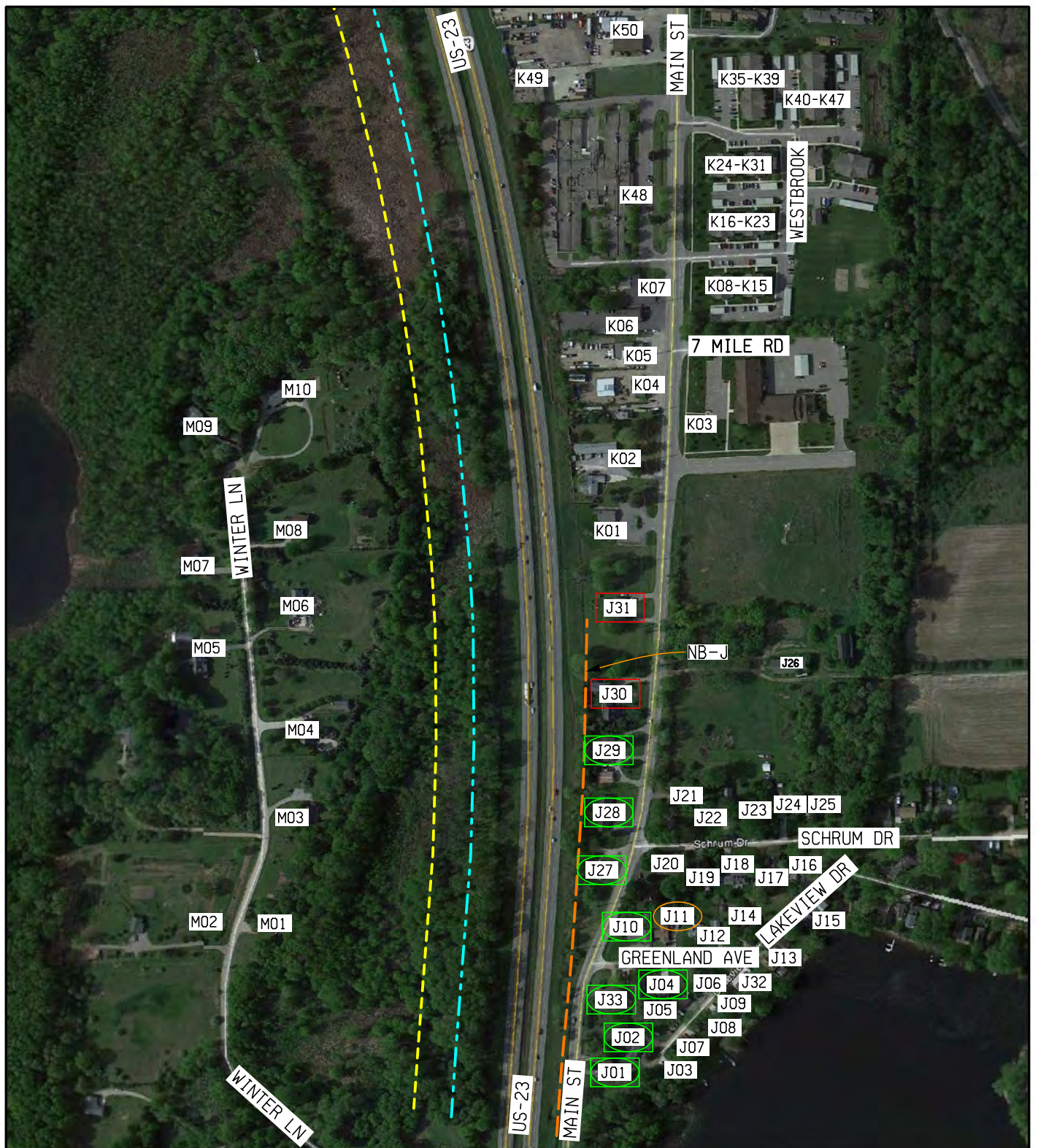
Noise Analysis

US-23

M-14/US-23 to Silver Lake Road

Washtenaw & Livingston County

Michigan



Legend

- A00 Modeled site, not benefited and not impacted
- A00 Modeled site, not benefited and impacted
- A00 Modeled site, benefited and not impacted
- A00 Modeled site, benefited and impacted
- SITE 1 Field Measurement Site
- 66 dB(A) Leq Setback
- 71 dB(A) Leq Setback
- Feasible and Reasonable Noise Barrier
- Evaluated Noise Barrier



Figure 12

Noise Analysis
US-23

M-14/US-23 to Silver Lake Road
Washtenaw & Livingston County
Michigan



Legend

A00 Modeled site, not benefited and not impacted

A00 Modeled site, not benefited and impacted

A00 Modeled site, benefited and not impacted

A00 Modeled site, benefited and impacted

SITE 1 Field Measurement Site

66 dB(A) Leq Setback

71 dB(A) Leq Setback

Feasible and Reasonable Noise Barrier

Evaluated Noise Barrier

0 75 150 300 450 600



Figure 13

Noise Analysis

US-23

M-14/US-23 to Silver Lake Road

Washtenaw & Livingston County

Michigan



Figure 14A

Legend

- A00 Modeled site, not benefited and not impacted
- A00 Modeled site, not benefited and impacted
- A00 Modeled site, benefited and not impacted
- A00 Modeled site, benefited and impacted
- SITE 1 Field Measurement Site
- 66 dB(A) Leq Setback
- 71 dB(A) Leq Setback
- Feasible and Reasonable Noise Barrier
- Evaluated Noise Barrier



Figure 14

Noise Analysis
US-23

M-14/US-23 to Silver Lake Road
Washtenaw & Livingston County
Michigan



Legend

A00 Modeled site, not benefited and not impacted

A00 Modeled site, not benefited and impacted

A00 Modeled site, benefited and not impacted

A00 Modeled site, benefited and impacted

SITE 1 Field Measurement Site

66 dB(A) Leq Setback

71 dB(A) Leq Setback

Feasible and Reasonable Noise Barrier

Evaluated Noise Barrier

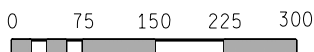


Figure 14A

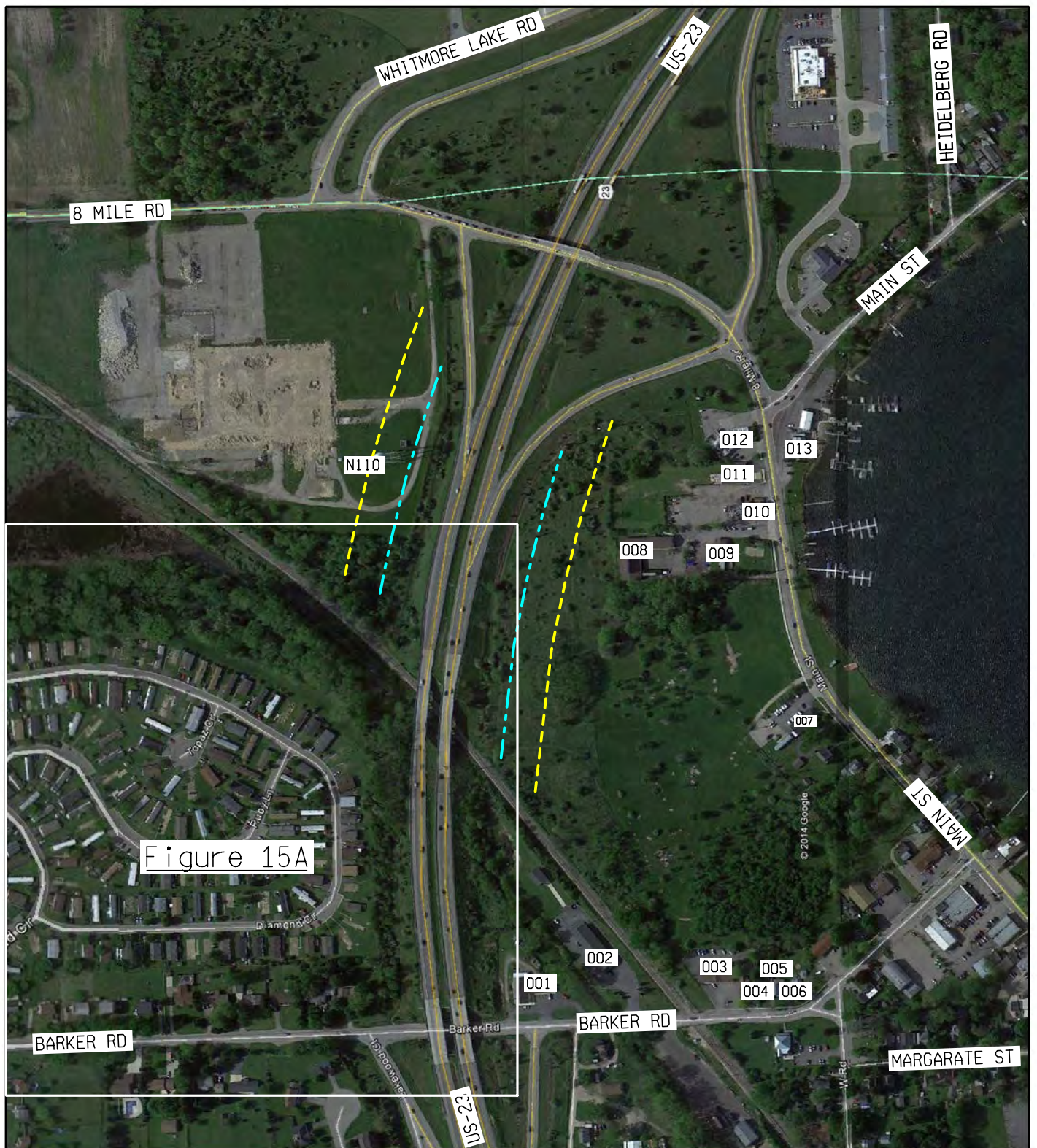
Noise Analysis

US-23

M-14/US-23 to Silver Lake Road

Washtenaw & Livingston County

Michigan



Legend

A00 Modeled site, not benefited and not impacted

A00 Modeled site, not benefited and impacted

A00 Modeled site, benefited and not impacted

A00 Modeled site, benefited and impacted

SITE 1 Field Measurement Site

66 dB(A) Leq Setback

71 dB(A) Leq Setback

Feasible and Reasonable Noise Barrier

Evaluated Noise Barrier



Figure 15

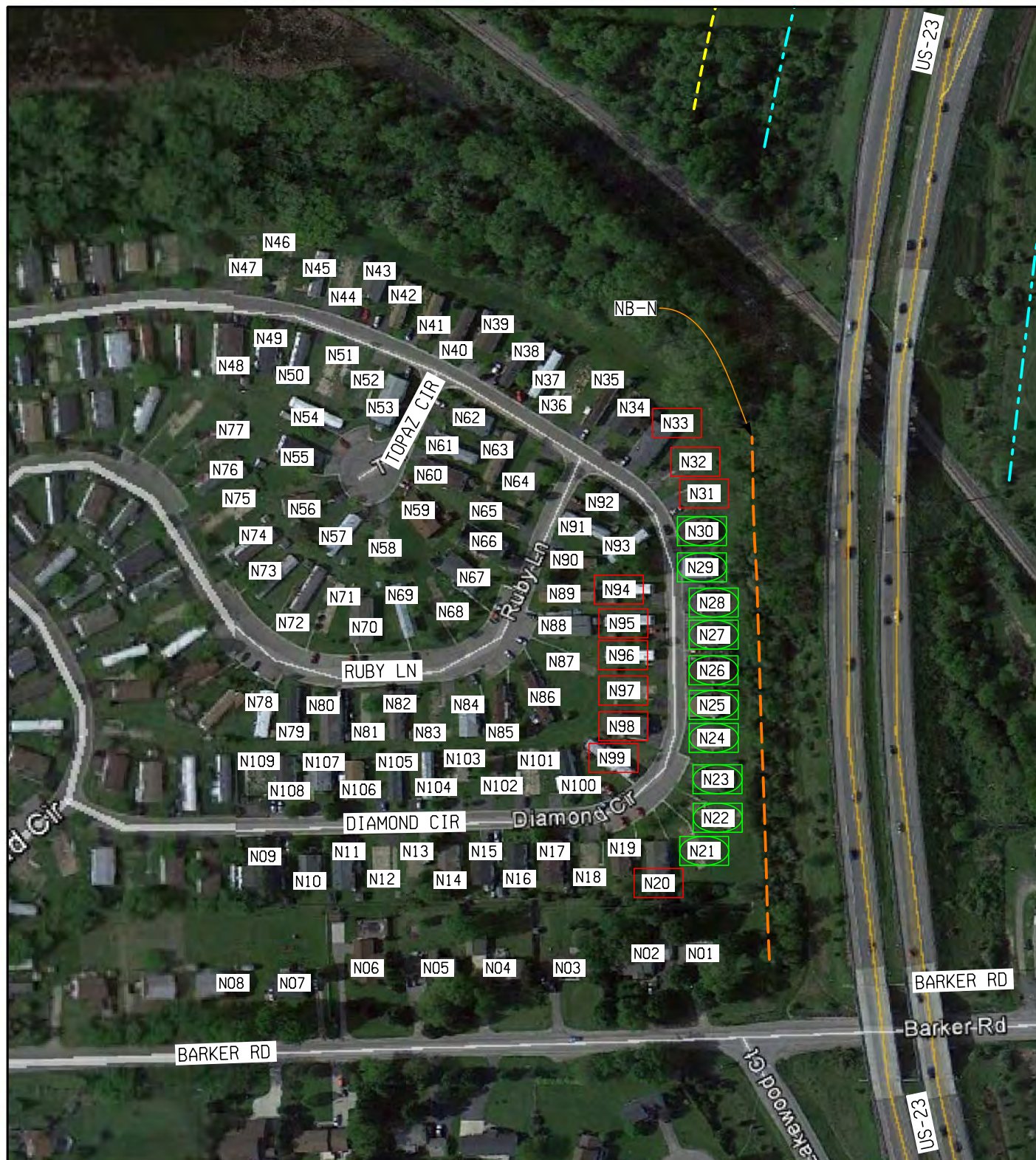
Noise Analysis

US-23

M-14/US-23 to Silver Lake Road

Washtenaw & Livingston County

Michigan



Legend

- A00 Modeled site, not benefited and not impacted
- A00 Modeled site, not benefited and impacted
- A00 Modeled site, benefited and not impacted
- A00 Modeled site, benefited and impacted
- SITE 1 Field Measurement Site
- 66 dB(A) Leq Setback
- 71 dB(A) Leq Setback
- Feasible and Reasonable Noise Barrier
- Evaluated Noise Barrier

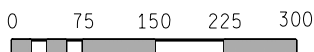


Figure 15A

Noise Analysis
US-23

M-14/US-23 to Silver Lake Road
Washtenaw & Livingston County
Michigan



Legend

- A00 Modeled site, not benefited and not impacted
- A00 Modeled site, not benefited and impacted
- A00 Modeled site, benefited and not impacted
- A00 Modeled site, benefited and impacted

SITE 1 Field Measurement Site

66 dB(A) Leq Setback

71 dB(A) Leq Setback

Feasible and Reasonable Noise Barrier

Evaluated Noise Barrier

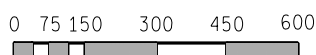
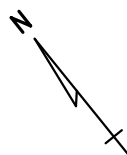


Figure 16

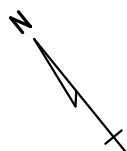
Noise Analysis
US-23

M-14/US-23 to Silver Lake Road
Washtenaw & Livingston County
Michigan



Legend

- A00 Modeled site, not benefited and not impacted
- A00 Modeled site, not benefited and impacted
- A00 Modeled site, benefited and not impacted
- A00 Modeled site, benefited and impacted
- SITE 1 Field Measurement Site
- 66 dB(A) Leq Setback
- 71 dB(A) Leq Setback
- Feasible and Reasonable Noise Barrier
- Evaluated Noise Barrier



0 25 50 75 100

Figure 16A

Noise Analysis
US-23

M-14/US-23 to Silver Lake Road
Washtenaw & Livingston County
Michigan



Legend

- A00 Modeled site, not benefited and not impacted
- A00 Modeled site, not benefited and impacted
- A00 Modeled site, benefited and not impacted
- A00 Modeled site, benefited and impacted
- SITE 1 Field Measurement Site
- 66 dB(A) Leq Setback
- 71 dB(A) Leq Setback
- Feasible and Reasonable Noise Barrier
- Evaluated Noise Barrier

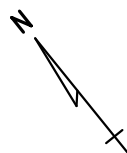


Figure 16B

Noise Analysis
US-23

M-14/US-23 to Silver Lake Road
Washtenaw & Livingston County
Michigan



Legend

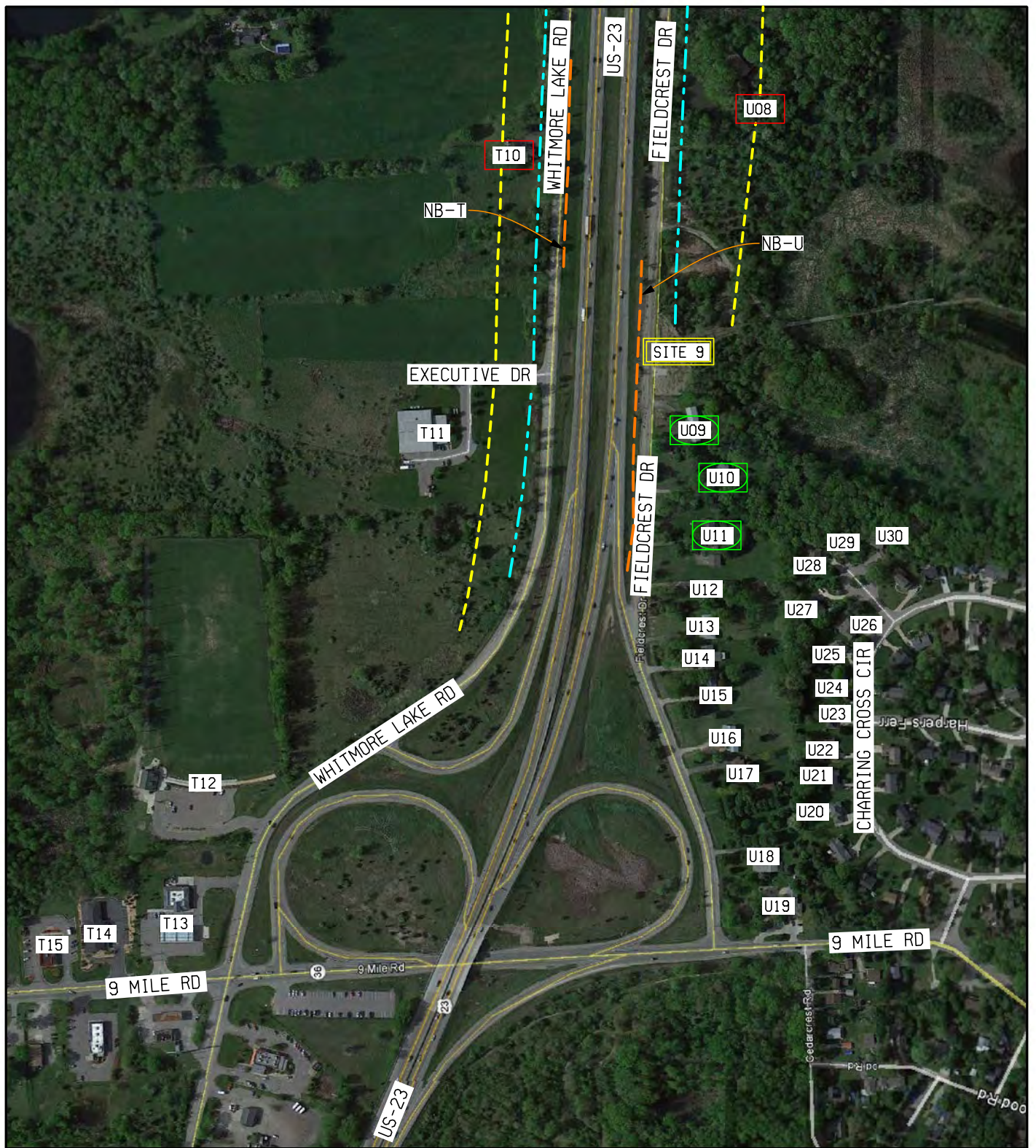
- A00 Modeled site, not benefited and not impacted
- A00 Modeled site, not benefited and impacted
- A00 Modeled site, benefited and not impacted
- A00 Modeled site, benefited and impacted
- SITE 1 Field Measurement Site
- 66 dB(A) Leq Setback
- 71 dB(A) Leq Setback
- Feasible and Reasonable Noise Barrier
- Evaluated Noise Barrier



Figure 17

Noise Analysis
US-23

M-14/US-23 to Silver Lake Road
Washtenaw & Livingston County
Michigan



Legend

A00 Modeled site, not benefited and not impacted

A00 Modeled site, not benefited and impacted

A00 Modeled site, benefited and not impacted

A00 Modeled site, benefited and impacted

SITE 1 Field Measurement Site

66 dB(A) Leq Setback

71 dB(A) Leq Setback

Feasible and Reasonable Noise Barrier

Evaluated Noise Barrier

0 75 150 300 450 600



Figure 18

Noise Analysis

US-23

M-14/US-23 to Silver Lake Road

Washtenaw & Livingston County

Michigan



Legend

- A00 Modeled site, not benefited and not impacted
- A00 Modeled site, not benefited and impacted
- A00 Modeled site, benefited and not impacted
- A00 Modeled site, benefited and impacted
- SITE 1 Field Measurement Site
- 66 dB(A) Leq Setback
- 71 dB(A) Leq Setback
- Feasible and Reasonable Noise Barrier
- Evaluated Noise Barrier



Figure 19

Noise Analysis
US-23

M-14/US-23 to Silver Lake Road
Washtenaw & Livingston County
Michigan



Legend

- A00 Modeled site, not benefited and not impacted
- A00 Modeled site, not benefited and impacted
- A00 Modeled site, benefited and not impacted
- A00 Modeled site, benefited and impacted
- SITE 1 Field Measurement Site
- 66 dB(A) Leq Setback
- 71 dB(A) Leq Setback
- Feasible and Reasonable Noise Barrier
- Evaluated Noise Barrier



Figure 20

Noise Analysis
US-23

M-14/US-23 to Silver Lake Road
Washtenaw & Livingston County
Michigan