



APPENDIX W
FINAL NOISE TECHNICAL REPORT
FILE 2 - APPENDIX A - FIGURES

TECHNICAL REPORT APPENDICES

APPENDIX A	Figures
APPENDIX B	Noise Meter Calibration and Weather Data
APPENDIX C	Ambient Noise Measurement Logs
APPENDIX D	Traffic Volumes
APPENDIX E	Predicted Sound Levels
APPENDIX F	TNM Input/Output Tables

APPENDIX A: FIGURES

Figure 1: General Location Map

Figure 2: Ambient Noise Monitoring Locations

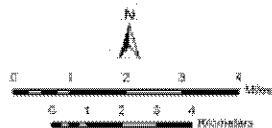
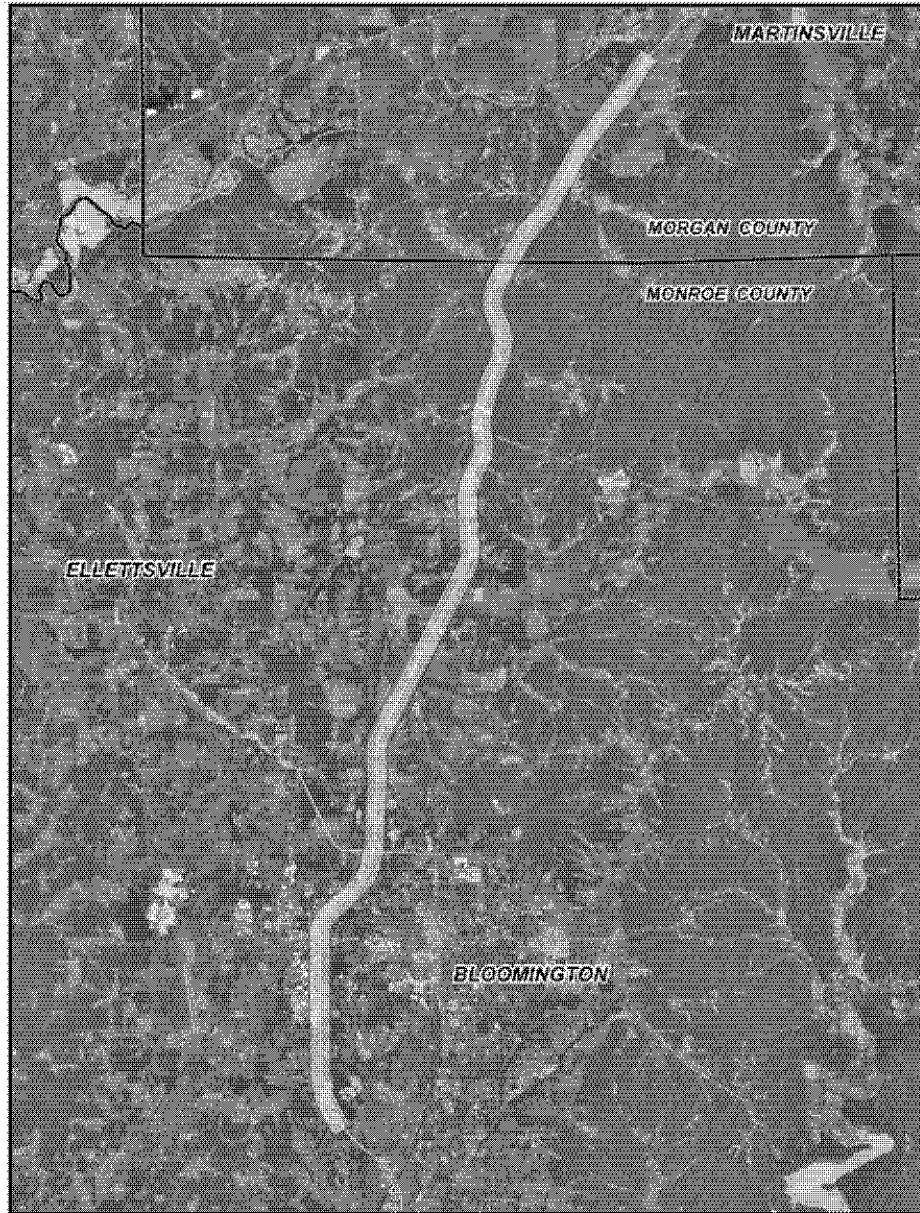
Figures 3 and 4: Typical Sections for Alternatives

**Figure 5: Noise Receptors & Preliminary Barrier Locations for
Alternatives 4 through 8**

**Figure 6: Noise Receptors & Preliminary Barrier Locations for Refined
Preferred Alternative 8**

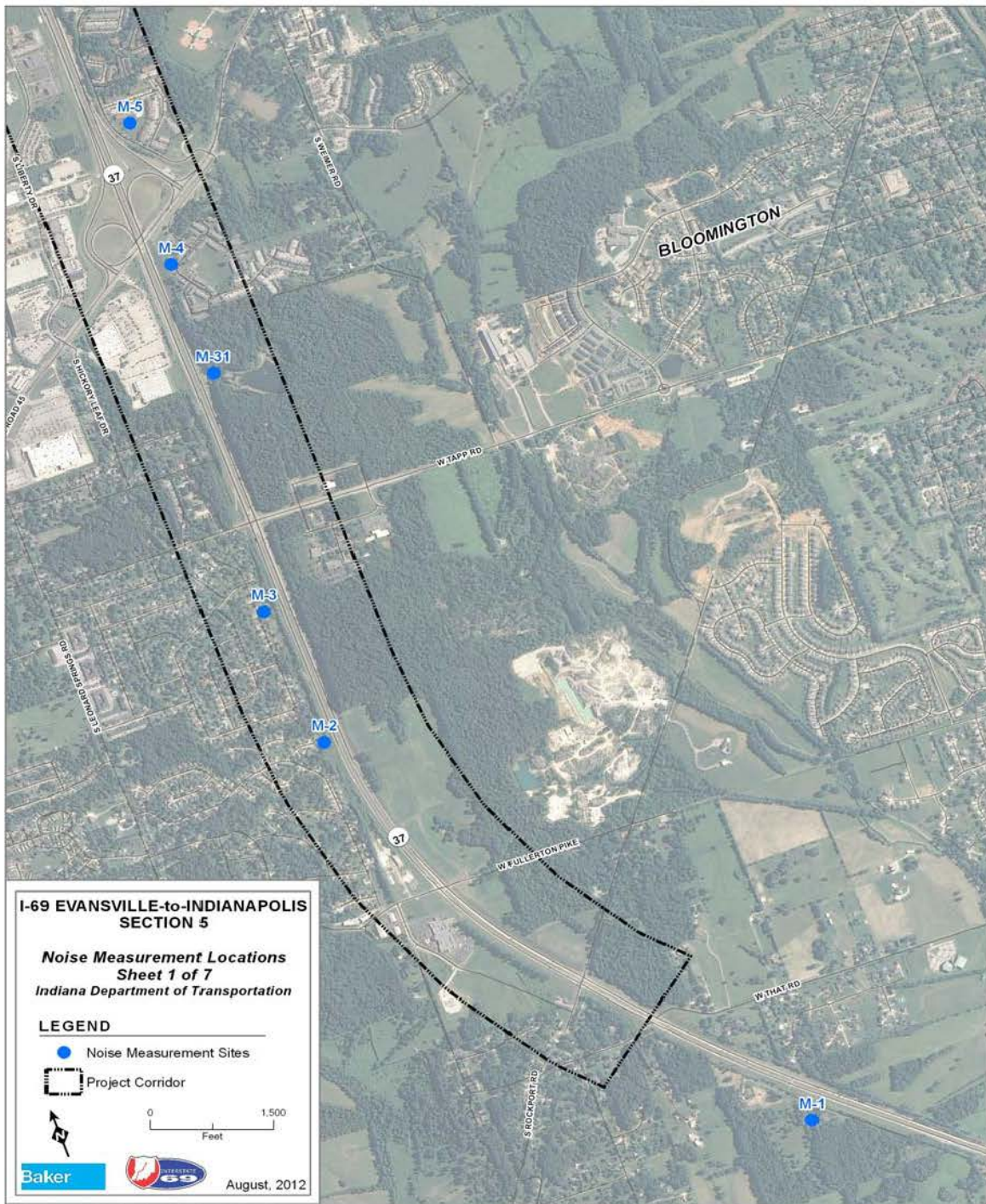
Figure 1: General Location Map

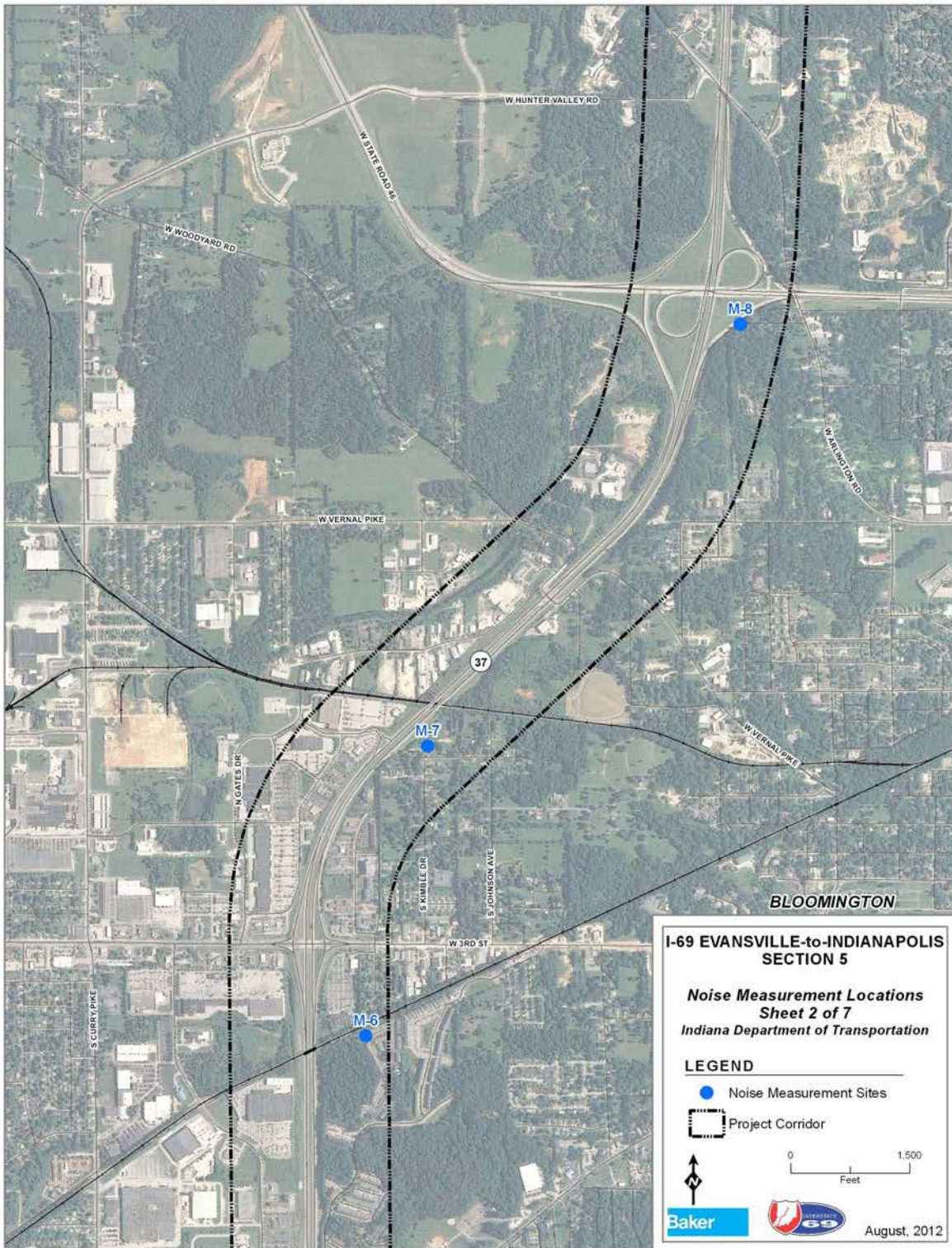
I-69 Evansville-to-Indianapolis Study Section 5: Monroe and Morgan Counties

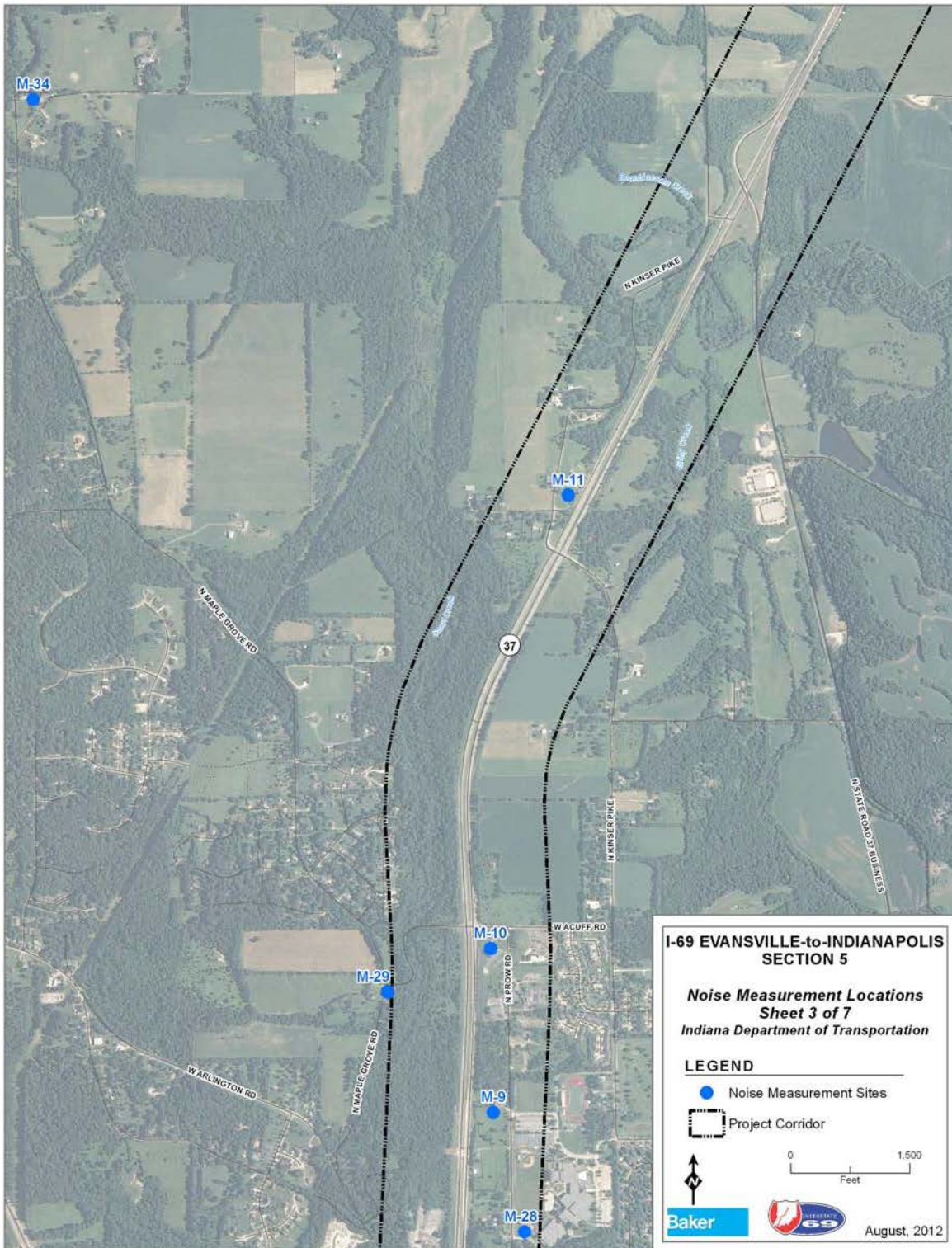


I-69 EVANSVILLE to INDIANAPOLIS
GENERAL LOCATION MAP
INDIANA DEPARTMENT of TRANSPORTATION

Figure 2: Ambient Noise Monitoring Locations







**I-69 EVANSVILLE-to-INDIANAPOLIS
SECTION 5**

**Noise Measurement Locations
Sheet 3 of 7
Indiana Department of Transportation**

LEGEND

● Noise Measurement Sites

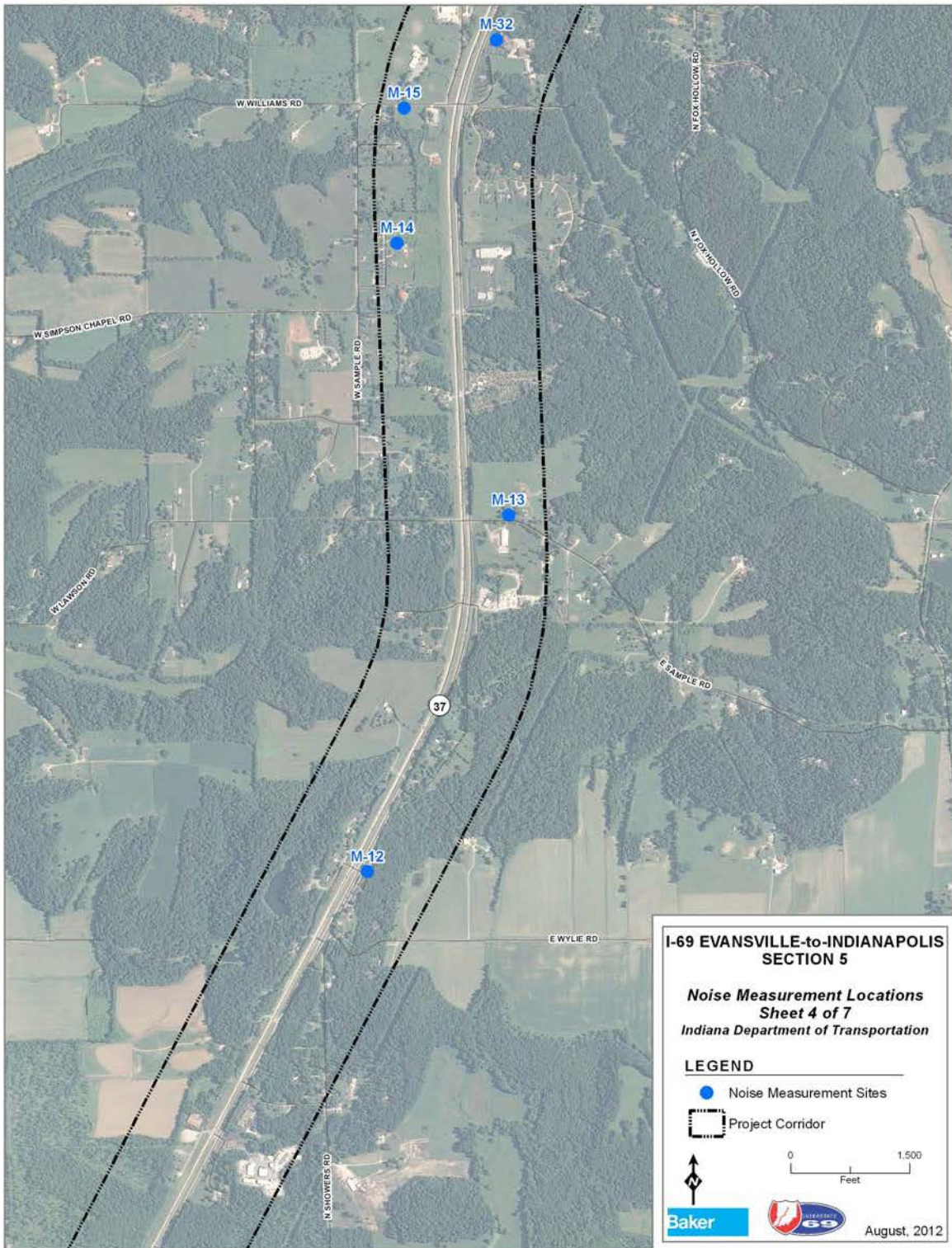
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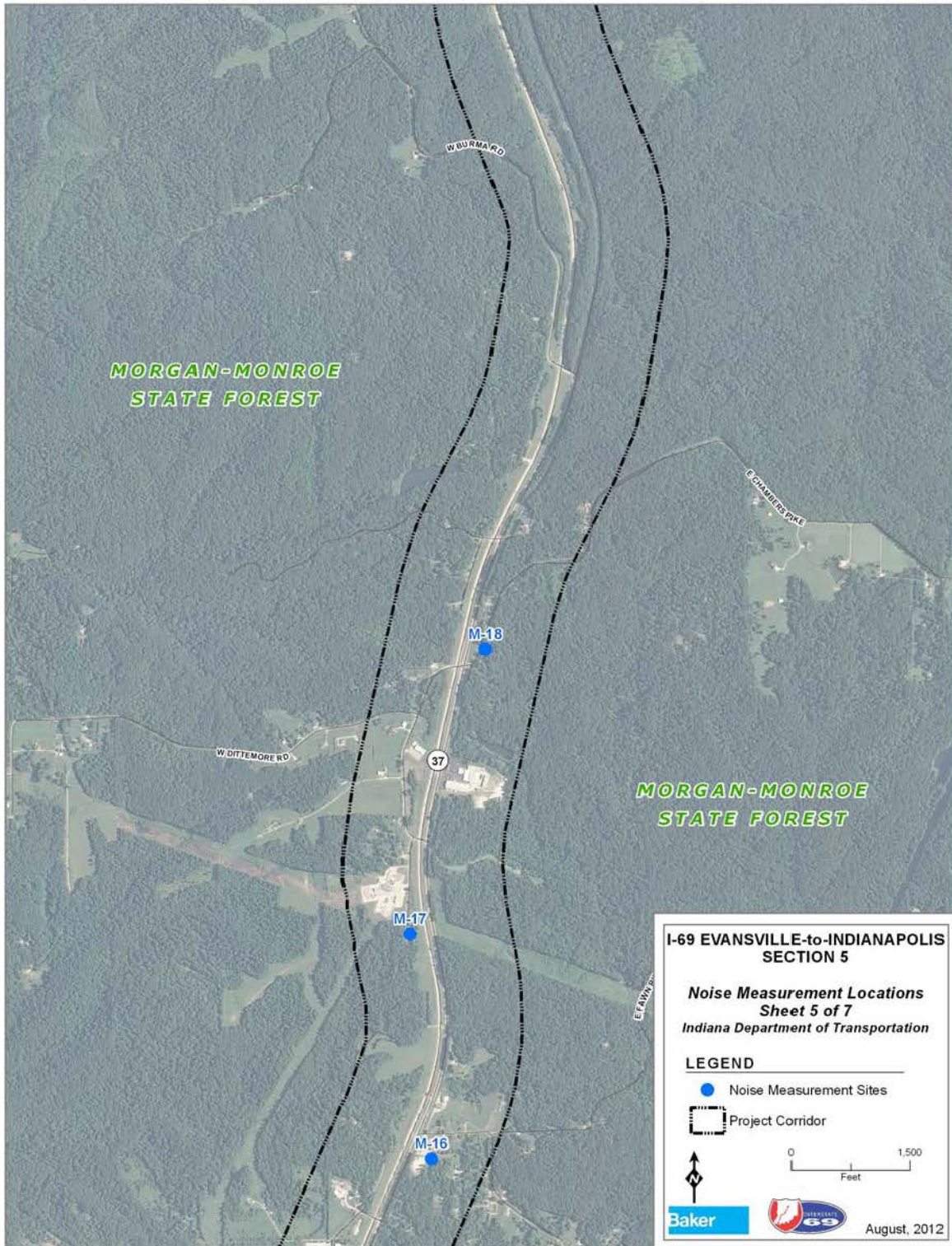


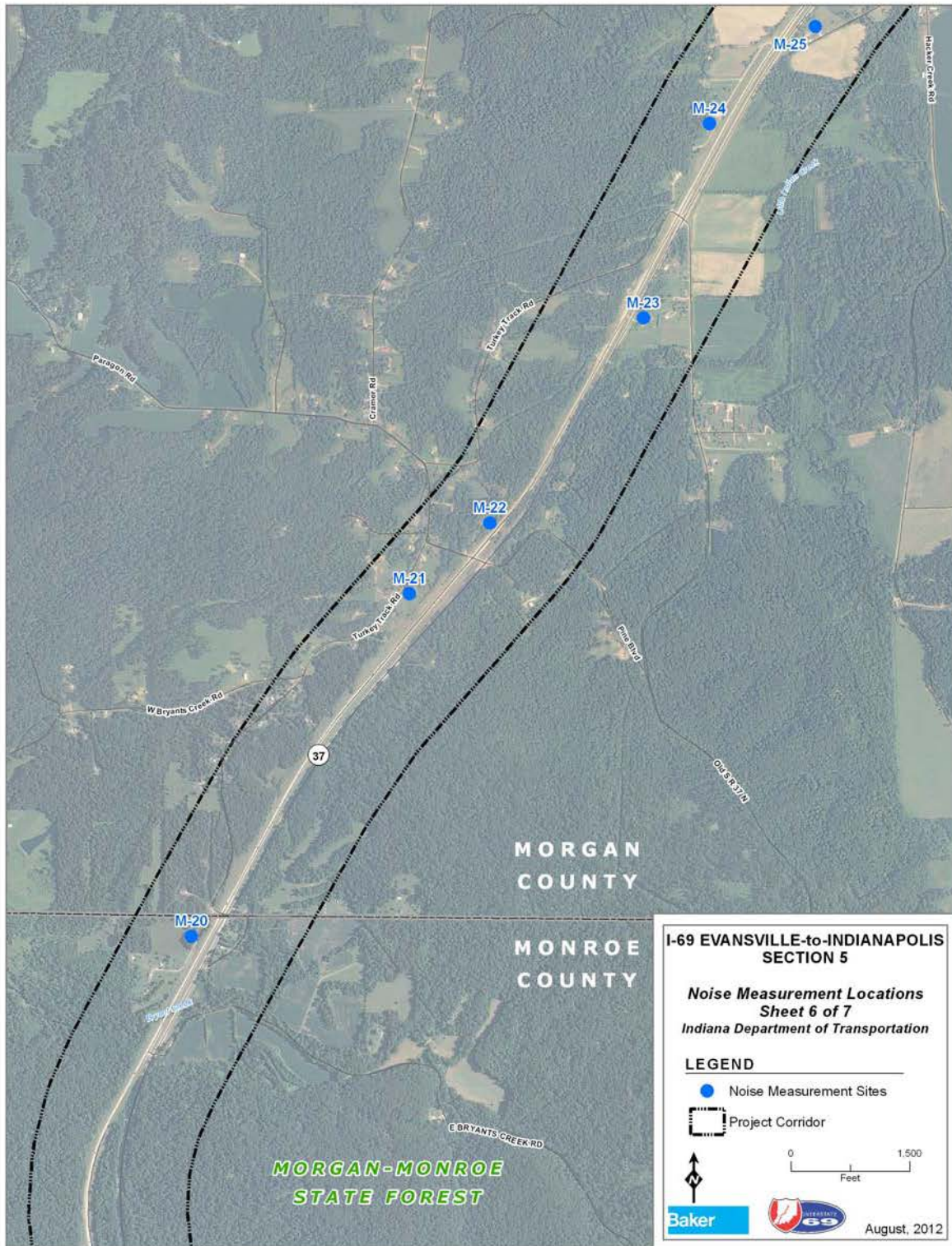
0 1,500
Feet



August, 2012







Figures 3 and 4: Typical Sections for Alternatives



I-69 Rural Typical Section

The diagram illustrates the cross-section of a rural highway. Key components include:

- Shoulders:** 8' on the left, 12' on the right.
- Access Road:** Existing or New (where needed).
- Landscape Berm:** Varies.
- Mainline:** 24' travel lanes, 24' mainline (travel lanes).
- Centerline:** 84' median.
- Truck Climbing Lane:** 12' (where needed).
- Clear Zones:** 20' - 35'.

The diagram illustrates a cross-section of a two-lane highway. It features a central 60-foot median, flanked by 36-foot mainline travel lanes on each side. The outer edges are defined by 30-foot to 35-foot clear zones. On the left side, a 12-foot auxiliary lane is shown where needed, adjacent to the 12-foot shoulder. The total width of the travel and shoulder areas on each side is 48 feet. The diagram also shows a centerline and various lane markings.

Component	Width (feet)
Clear Zone (Left)	30' - 35'
Shoulder (Left)	12'
Auxiliary Lane (Left)	12' (where needed)
Mainline Travel Lane (Left)	36'
Median	60'
Mainline Travel Lane (Right)	36'
Shoulder (Right)	12'
Clear Zone (Right)	30' - 35'

Notes: These figures are not to scale and are for display purposes only.
These figures do not represent right-of-way requirements.

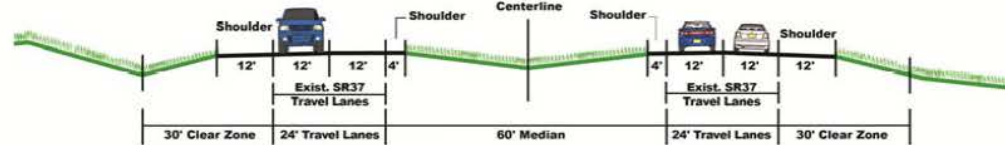
Figure 4: Conceptual Typical Sections for Alternatives 6, 7, 8 and Refined Preferred Alternative 8

**Note: Alternative 8 and Refined Preferred Alternative 8 are a combination of Alternatives 6 and 7, and therefore, would have the same typical sections.*

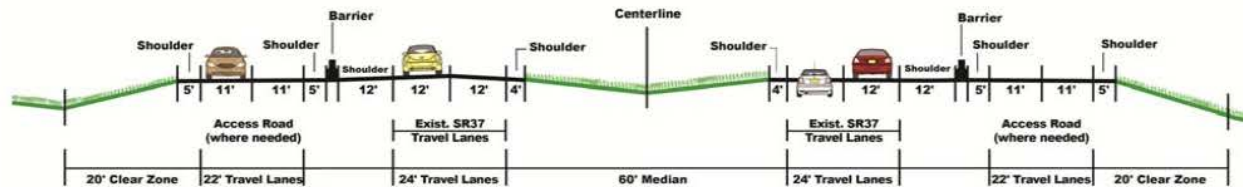


I-69 Tier 2 Section 5 Conceptual Typical Sections for Alternatives 6 and 7

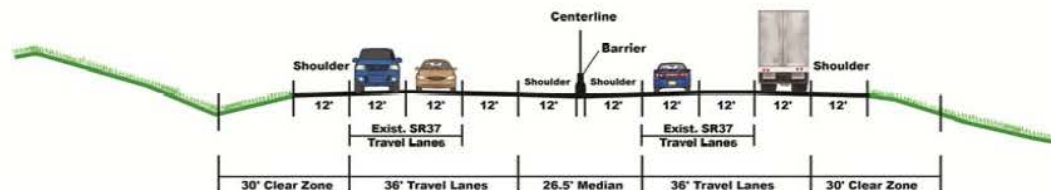
I-69 Rural Typical Section



I-69 Rural Typical Section with Adjacent Access Road



I-69 Urban Typical Section



Notes: These figures are not to scale and are for display purposes only.
These figures do not represent right-of-way requirements.

Figure 5:

Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8

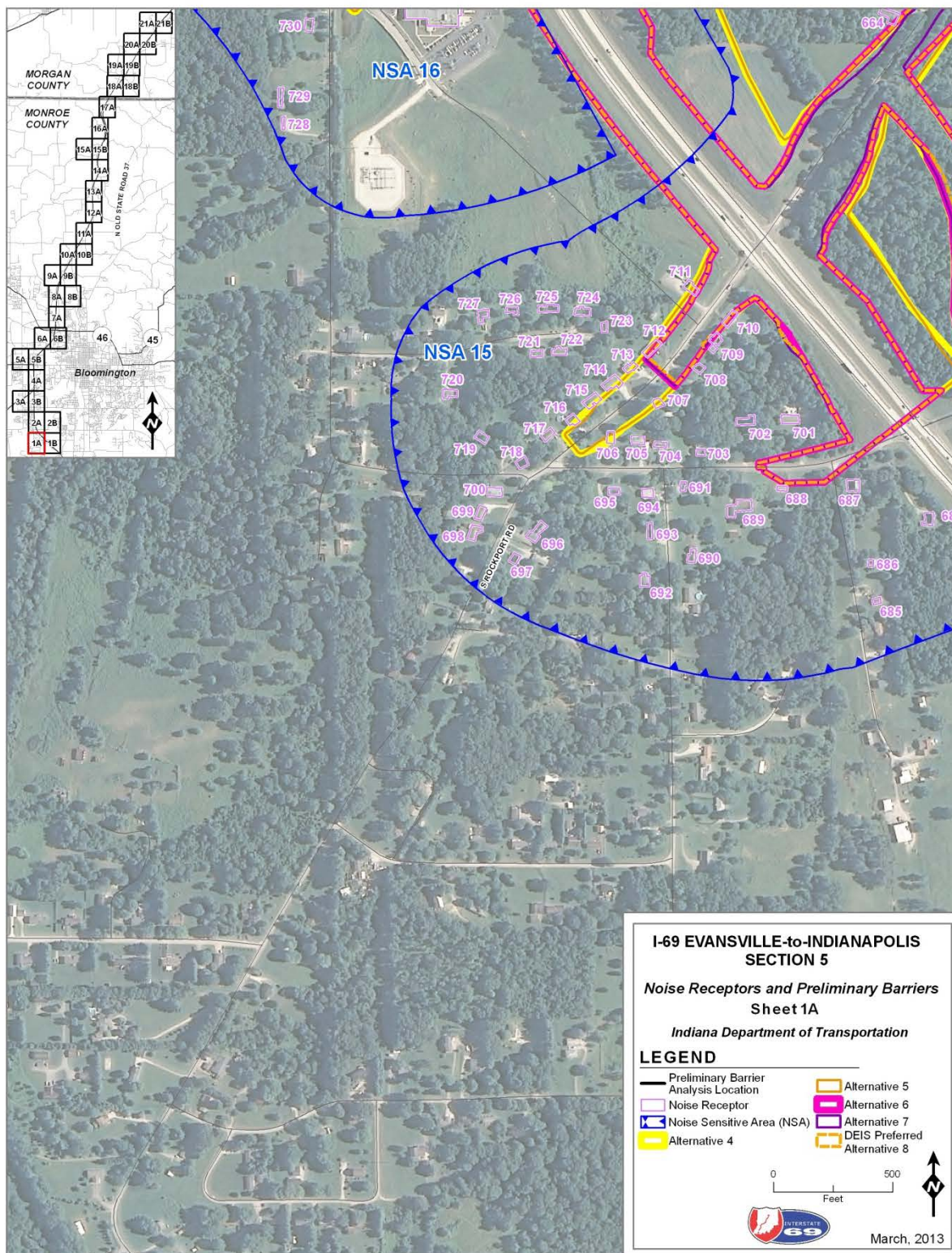


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 1A)

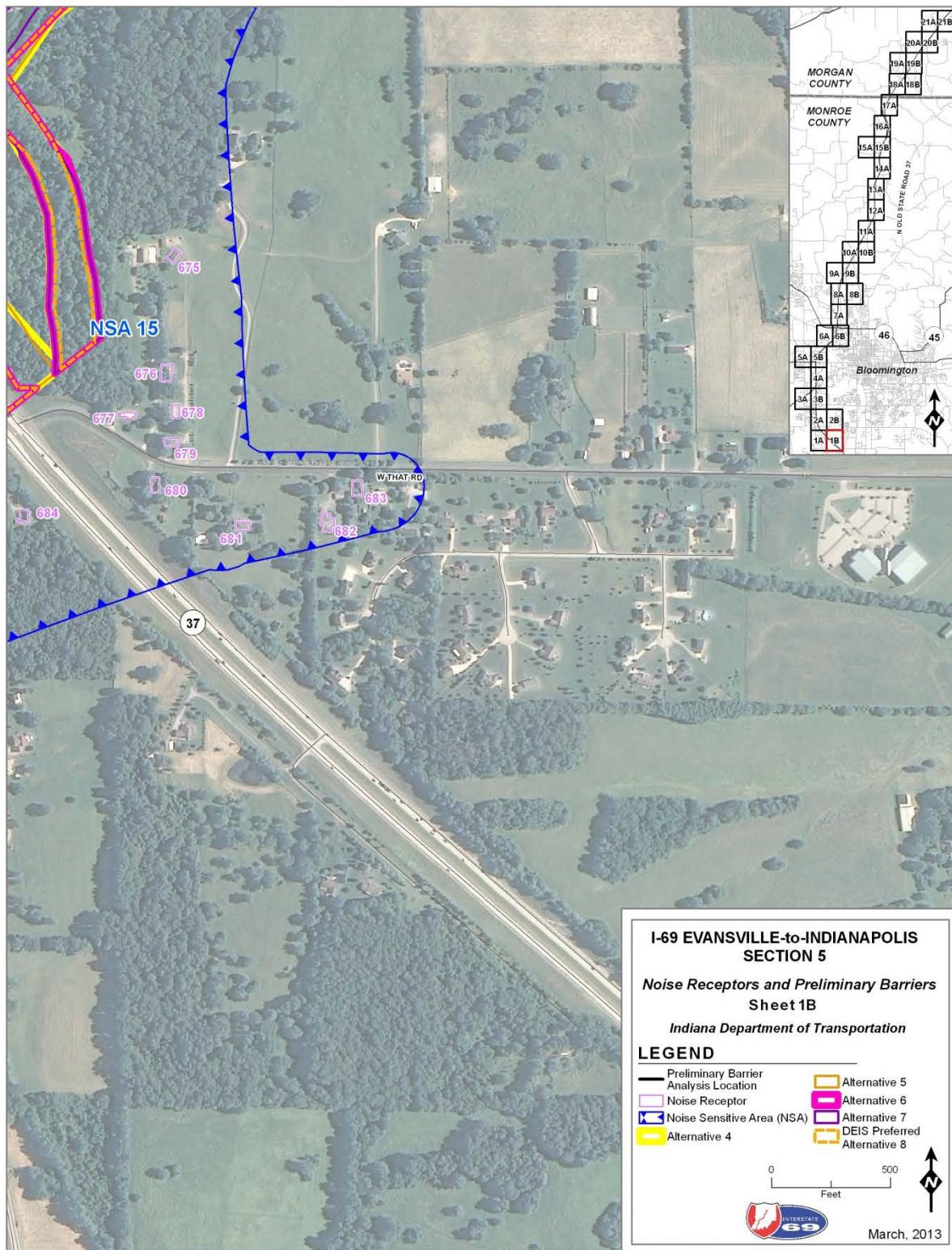


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 1B)

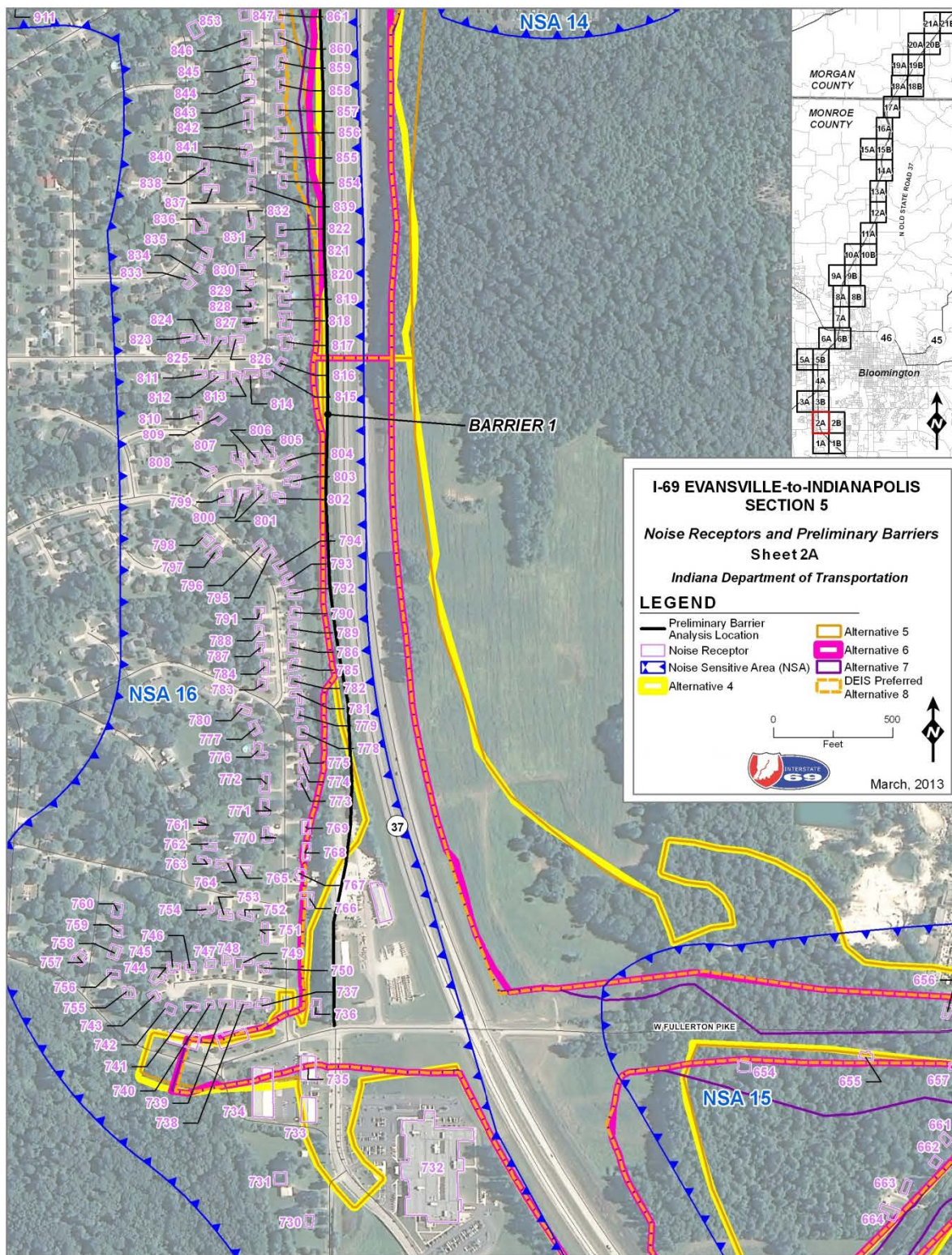


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 2A)

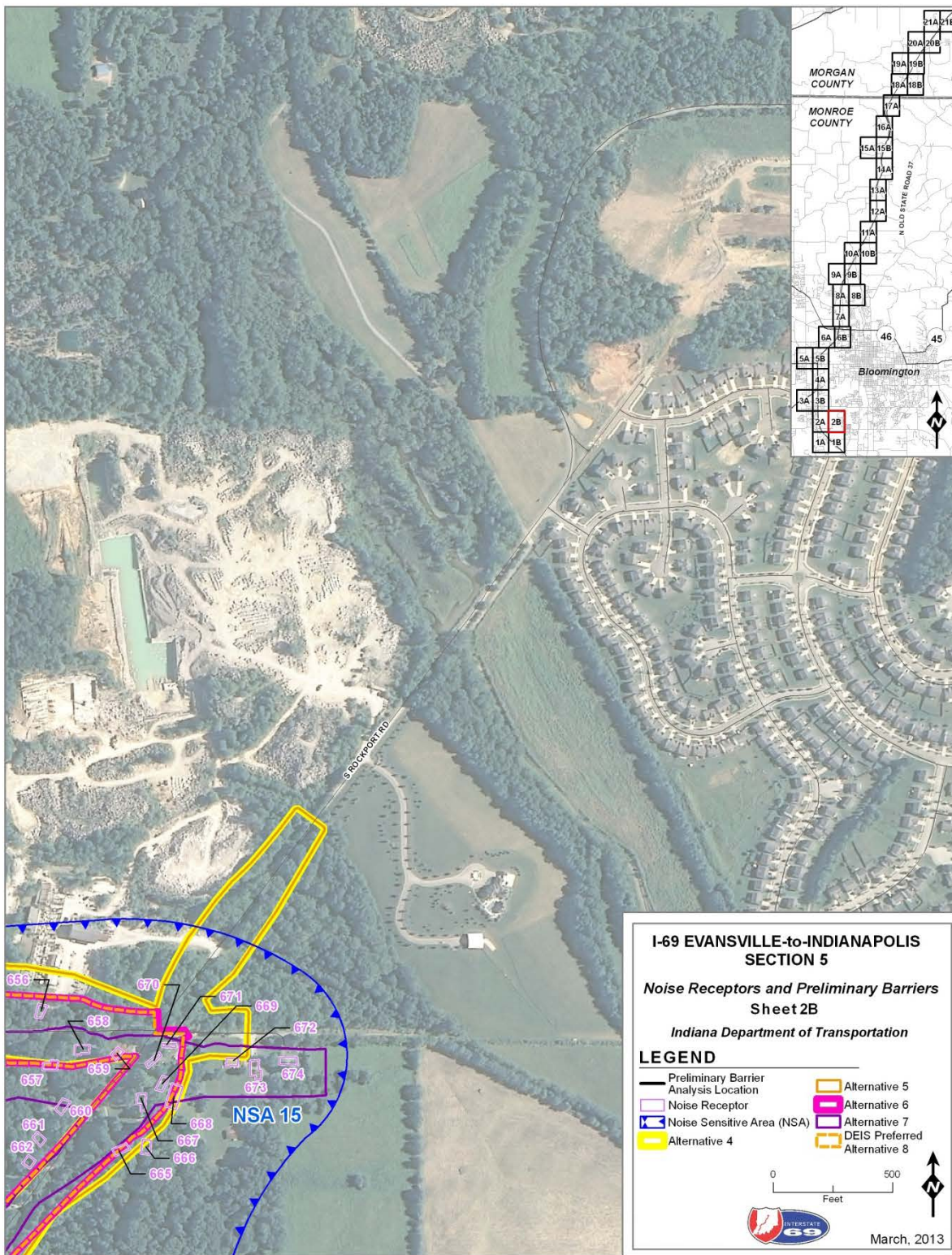


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 2B)

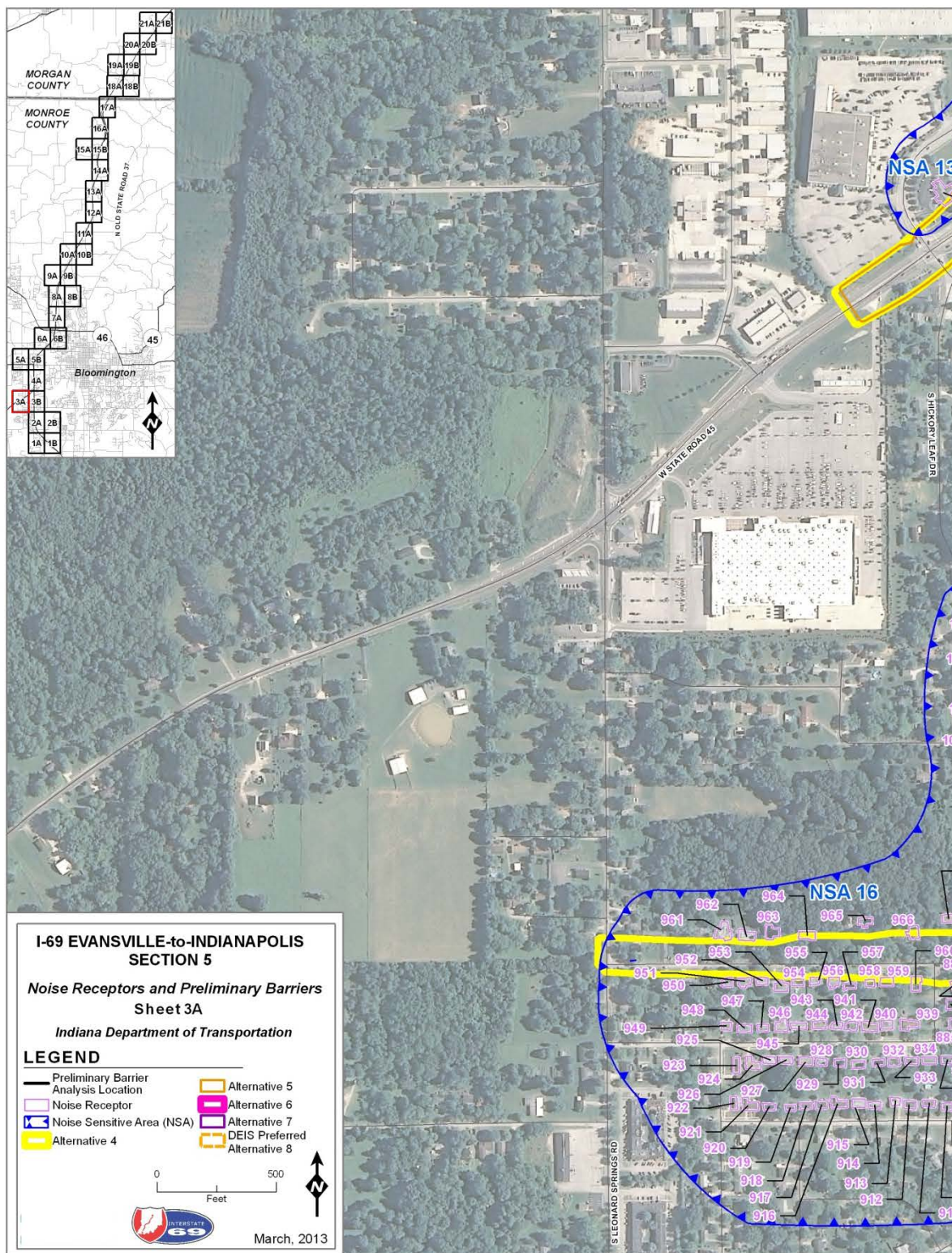


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 3A)

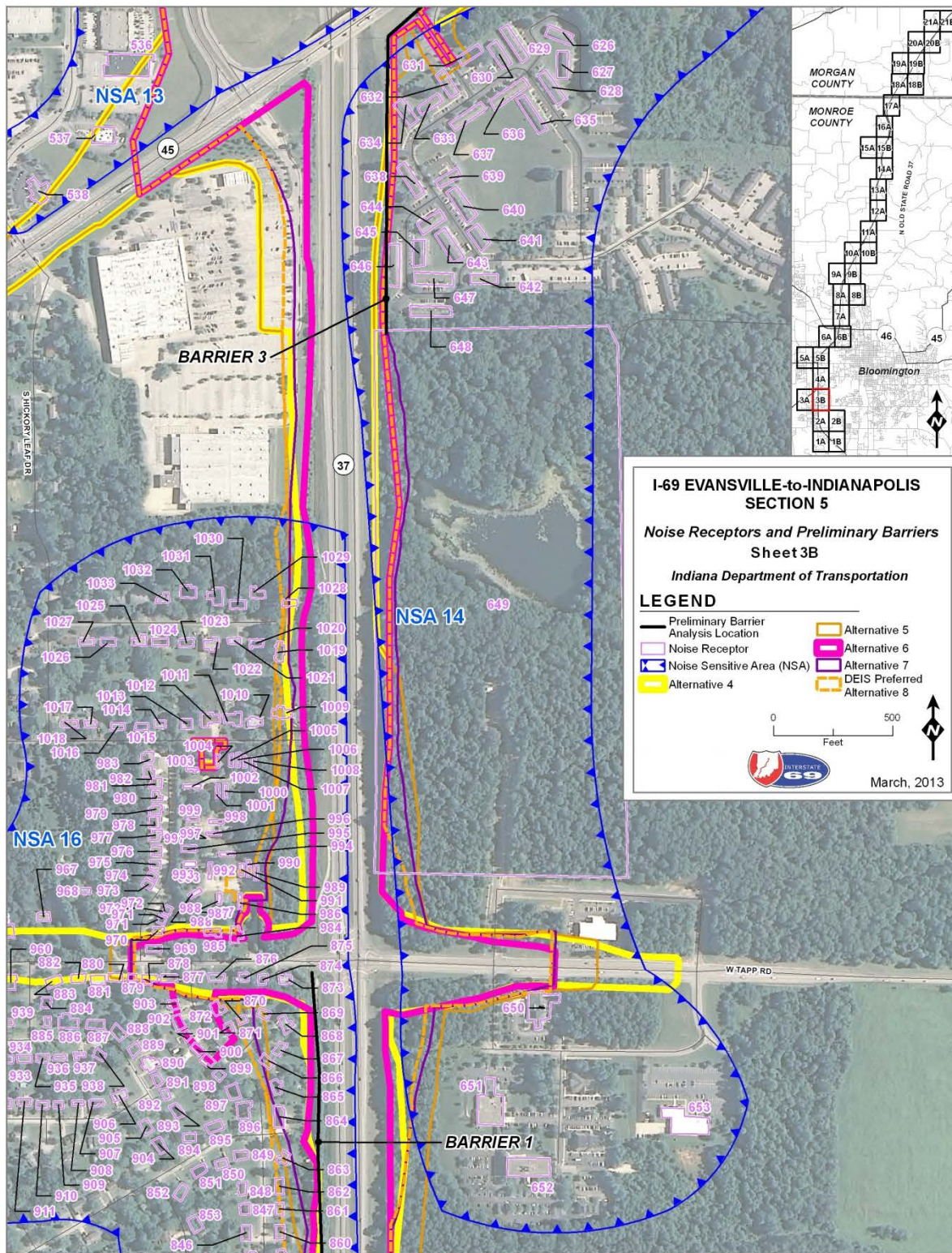


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 3B)

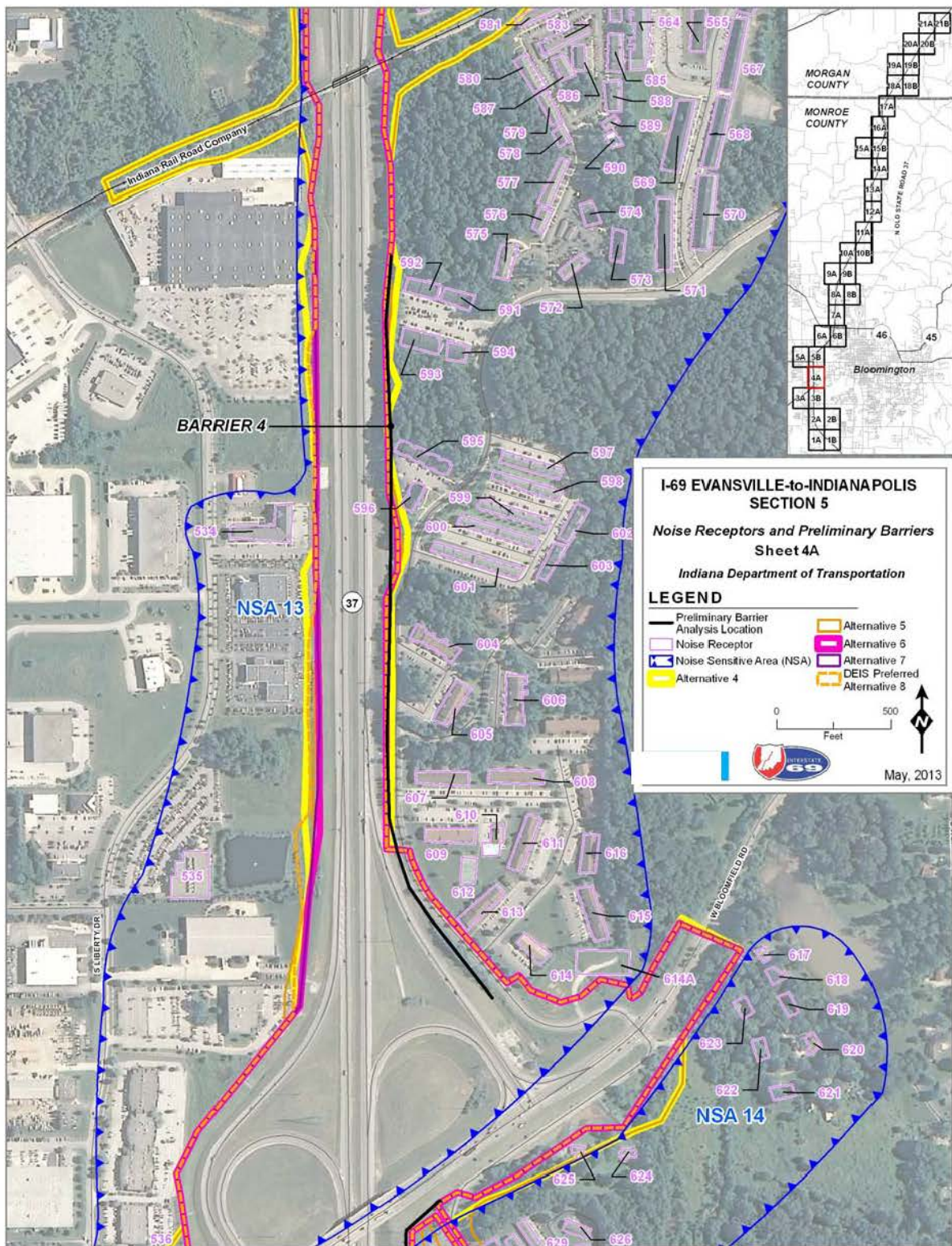
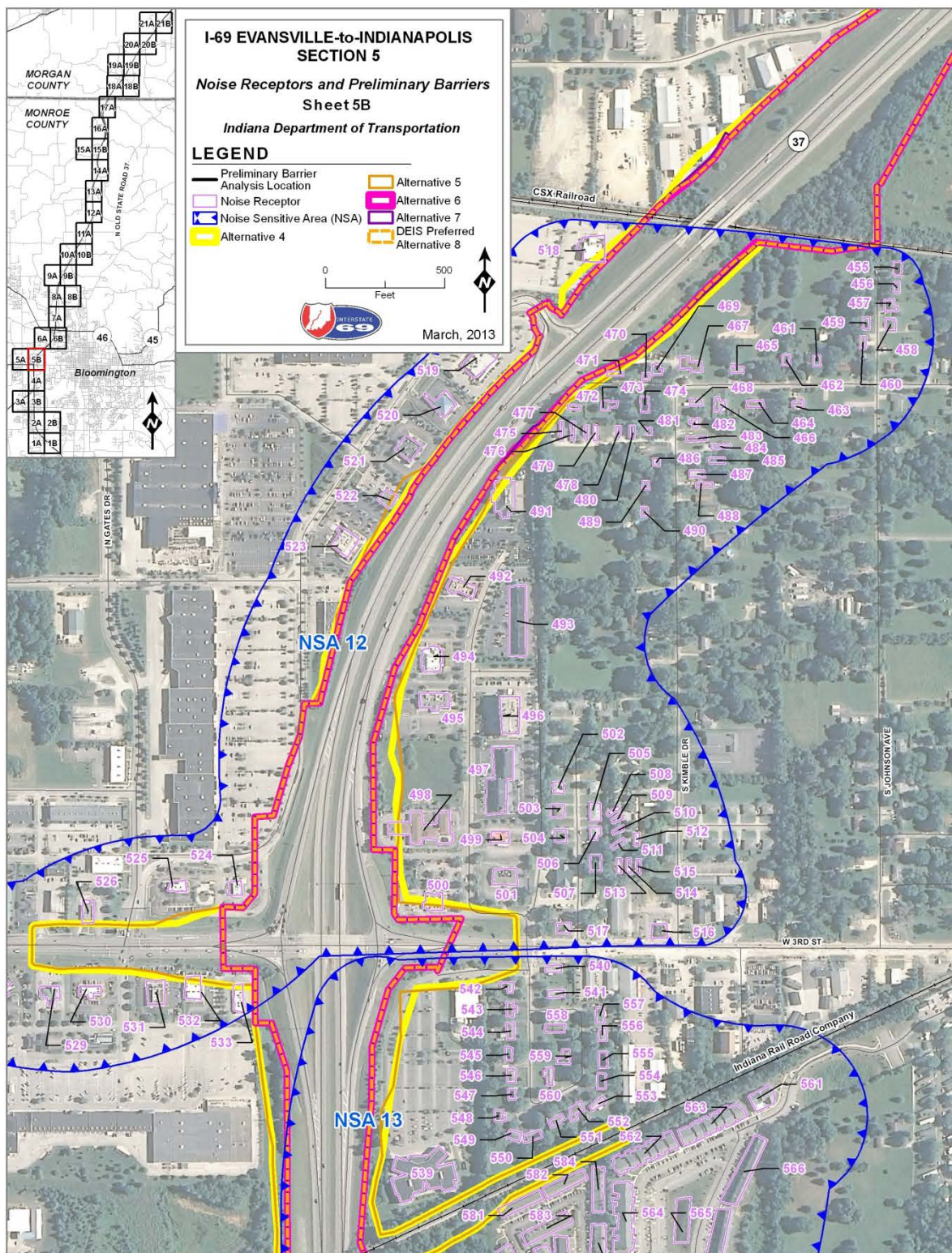


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 4A)



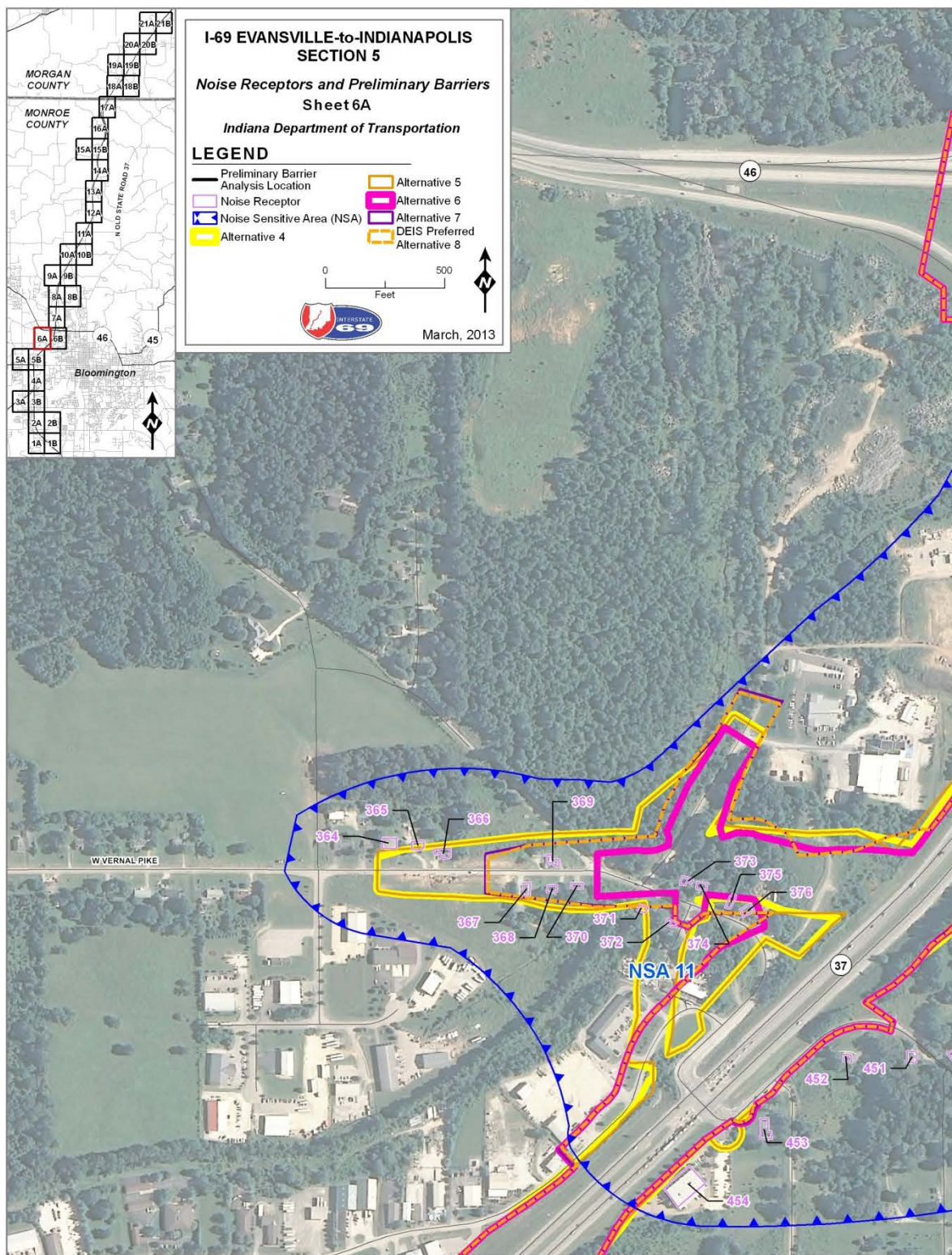


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 6A)

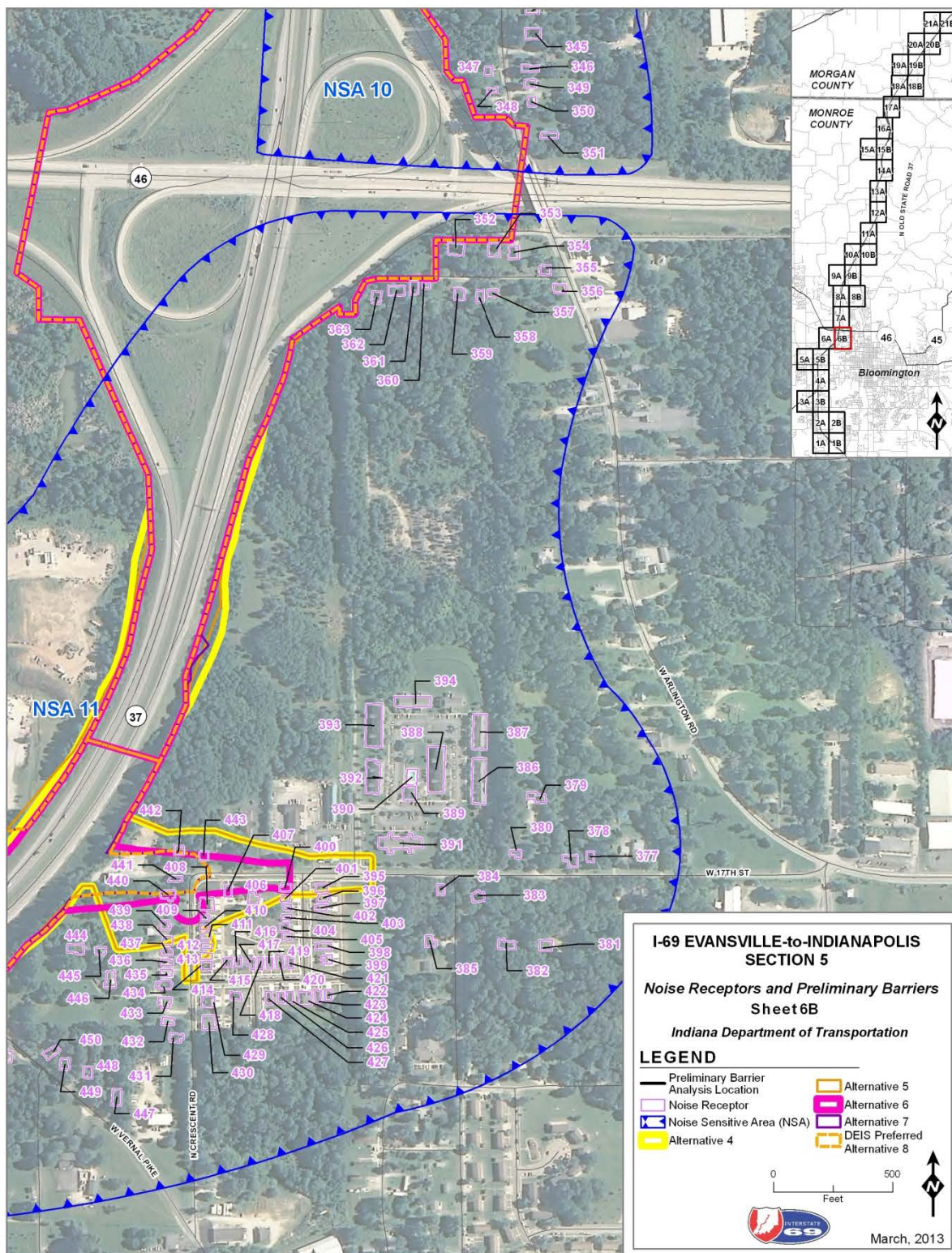


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 6B)

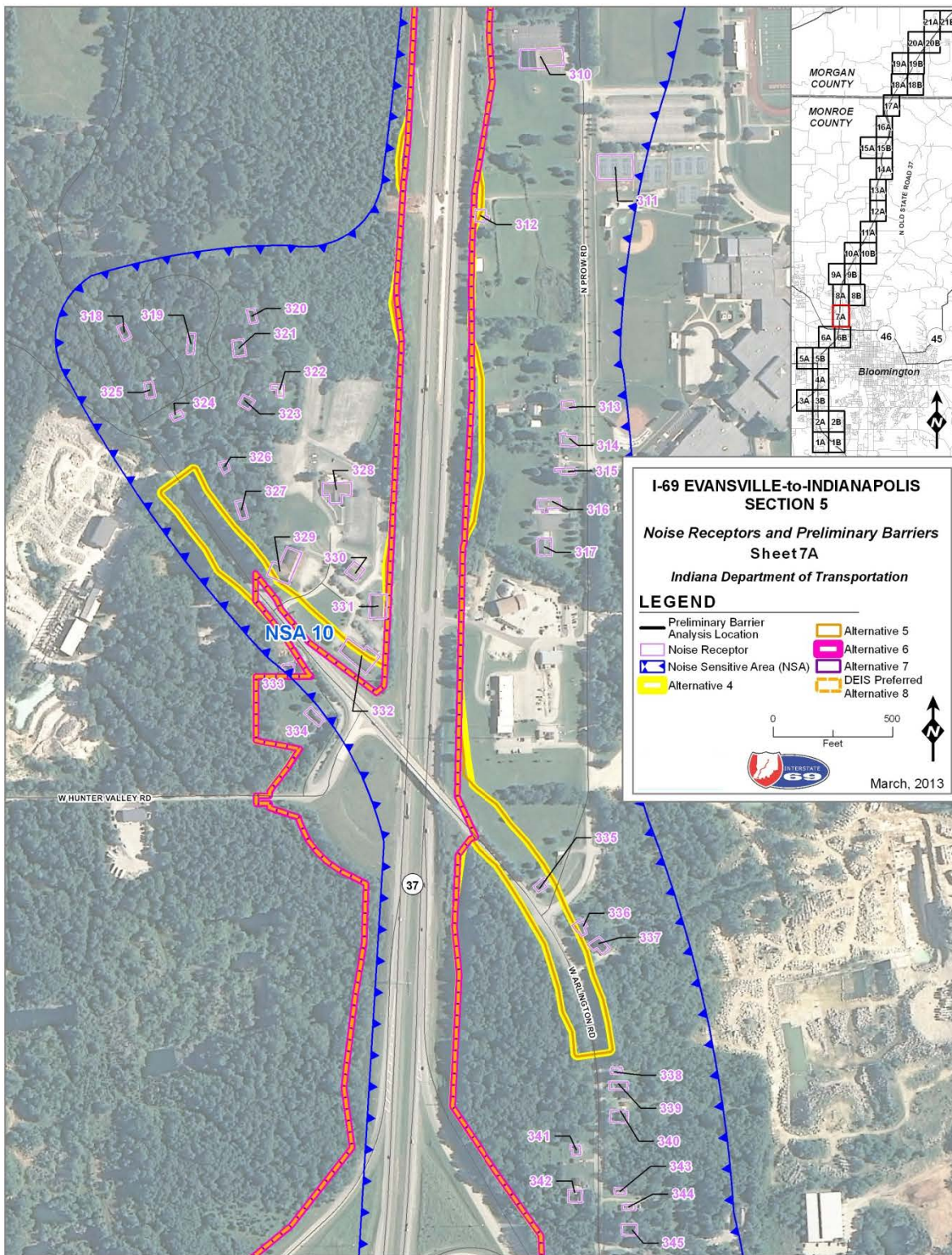


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 7A)

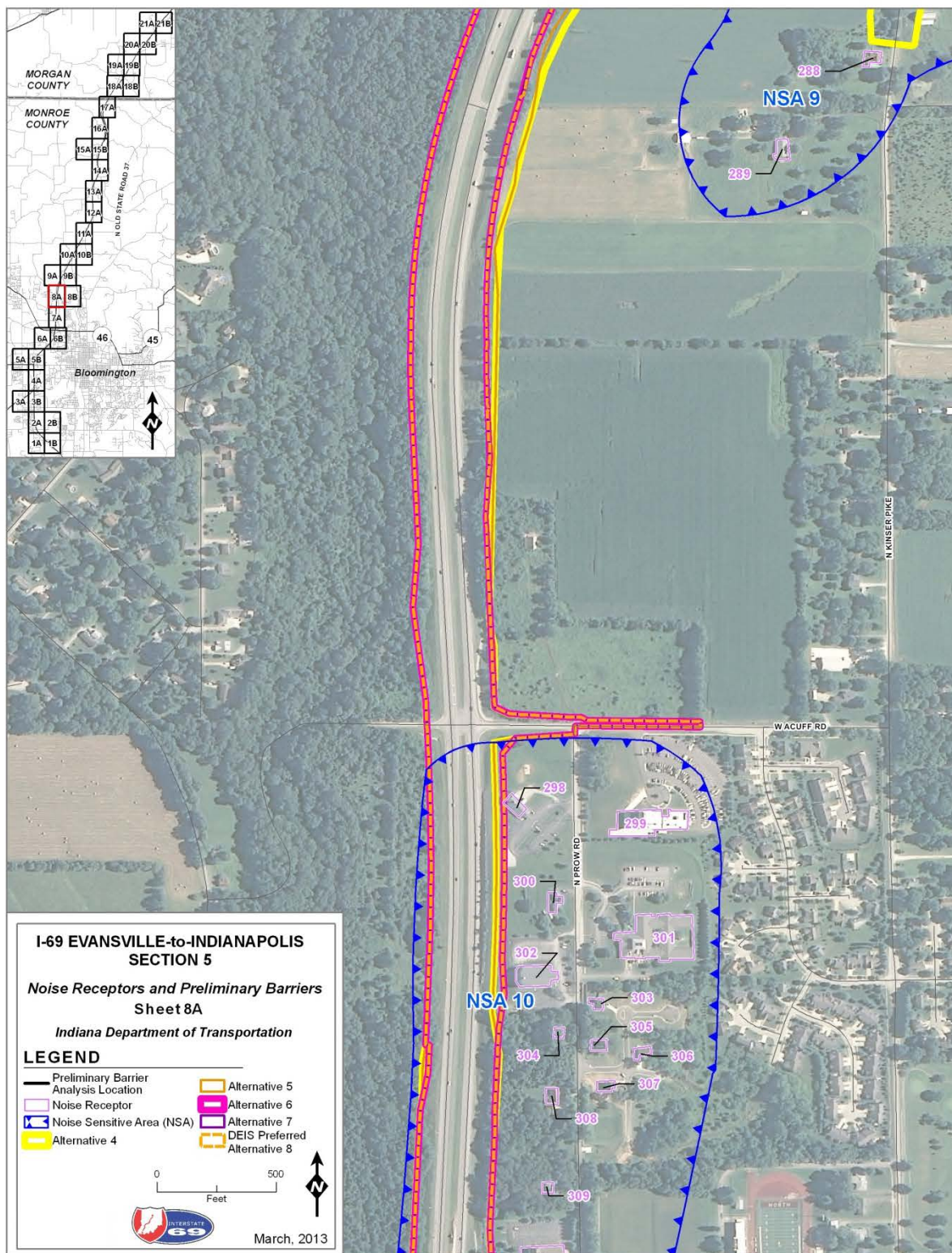


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 8A)

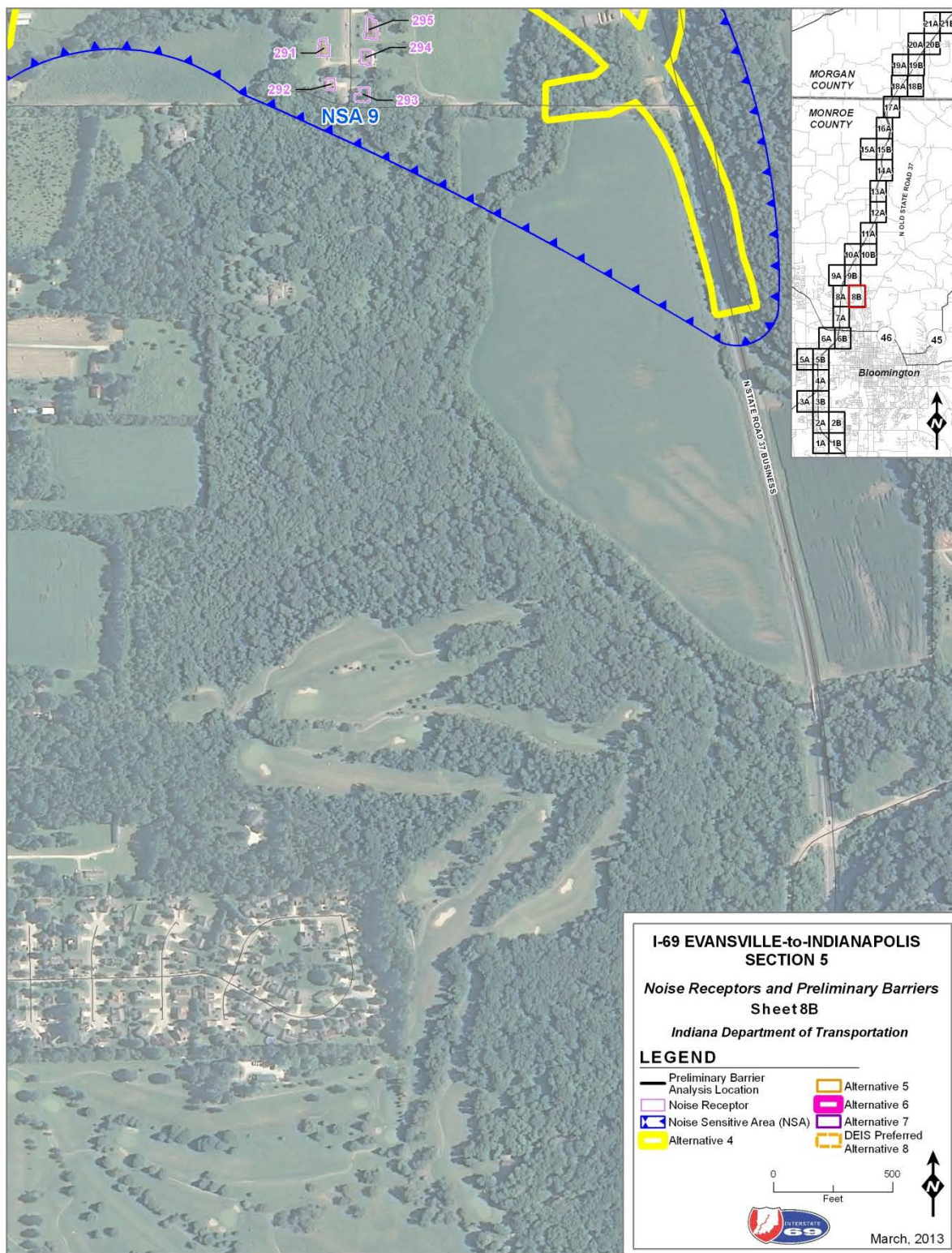


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 8B)

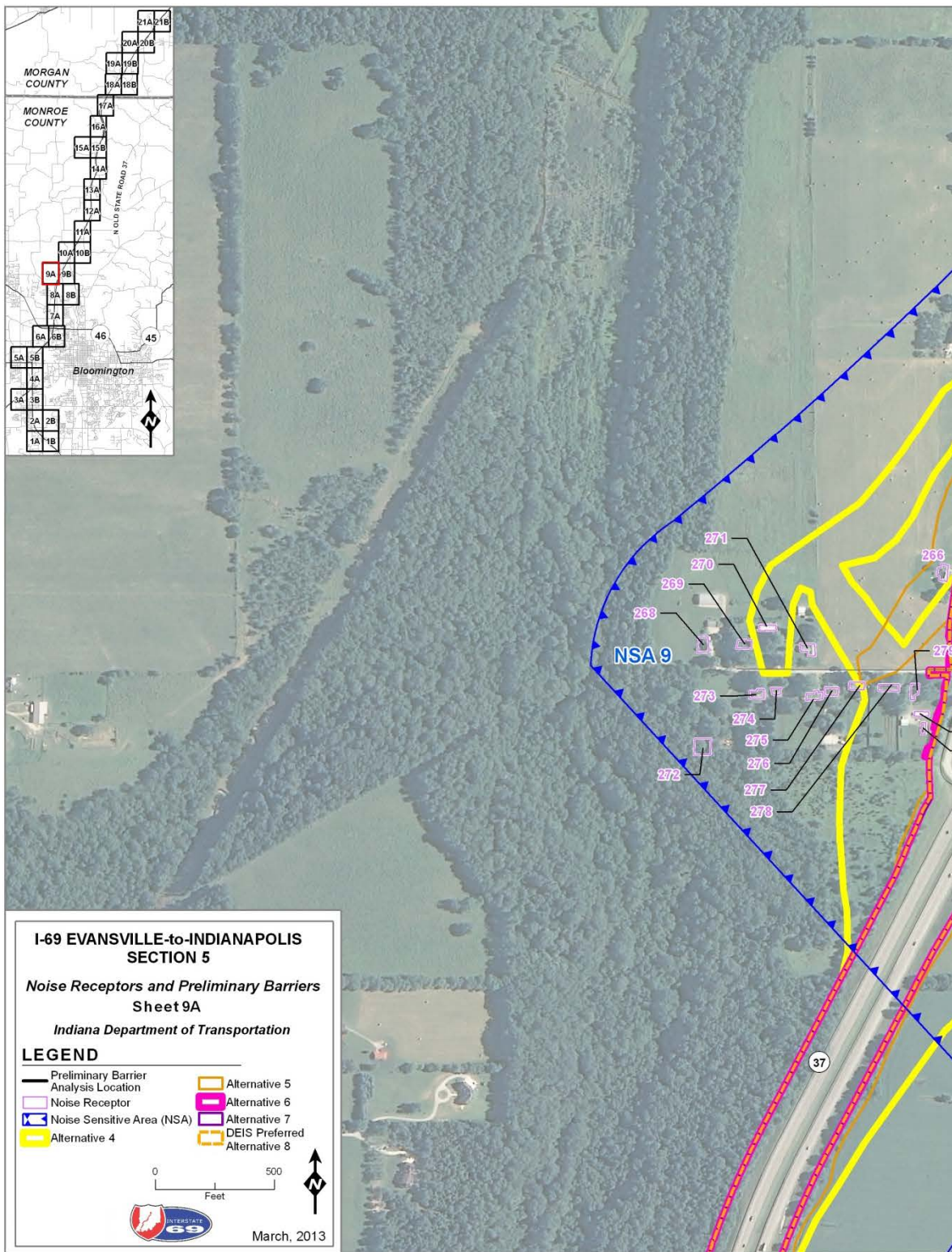


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 9A)

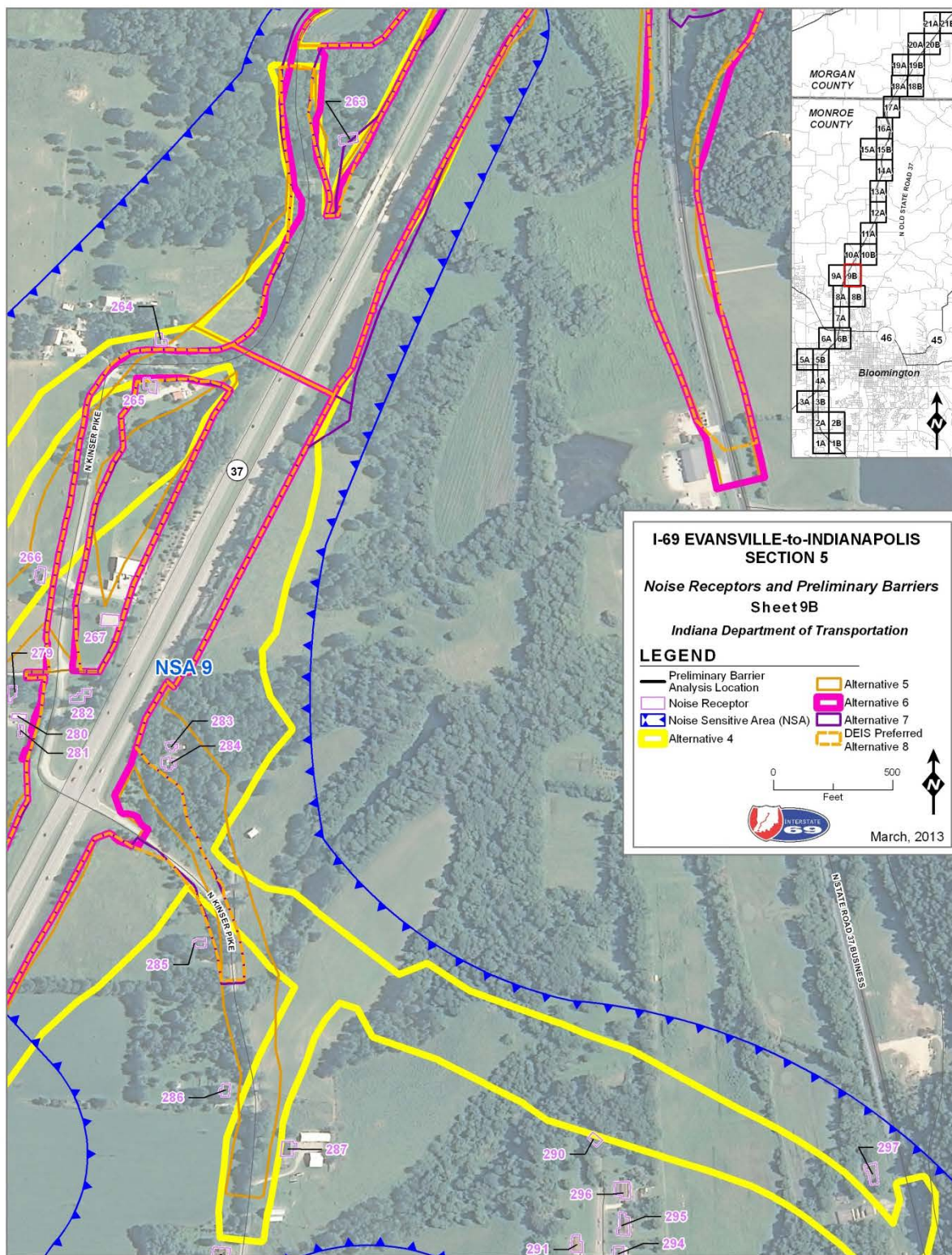


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 9B)

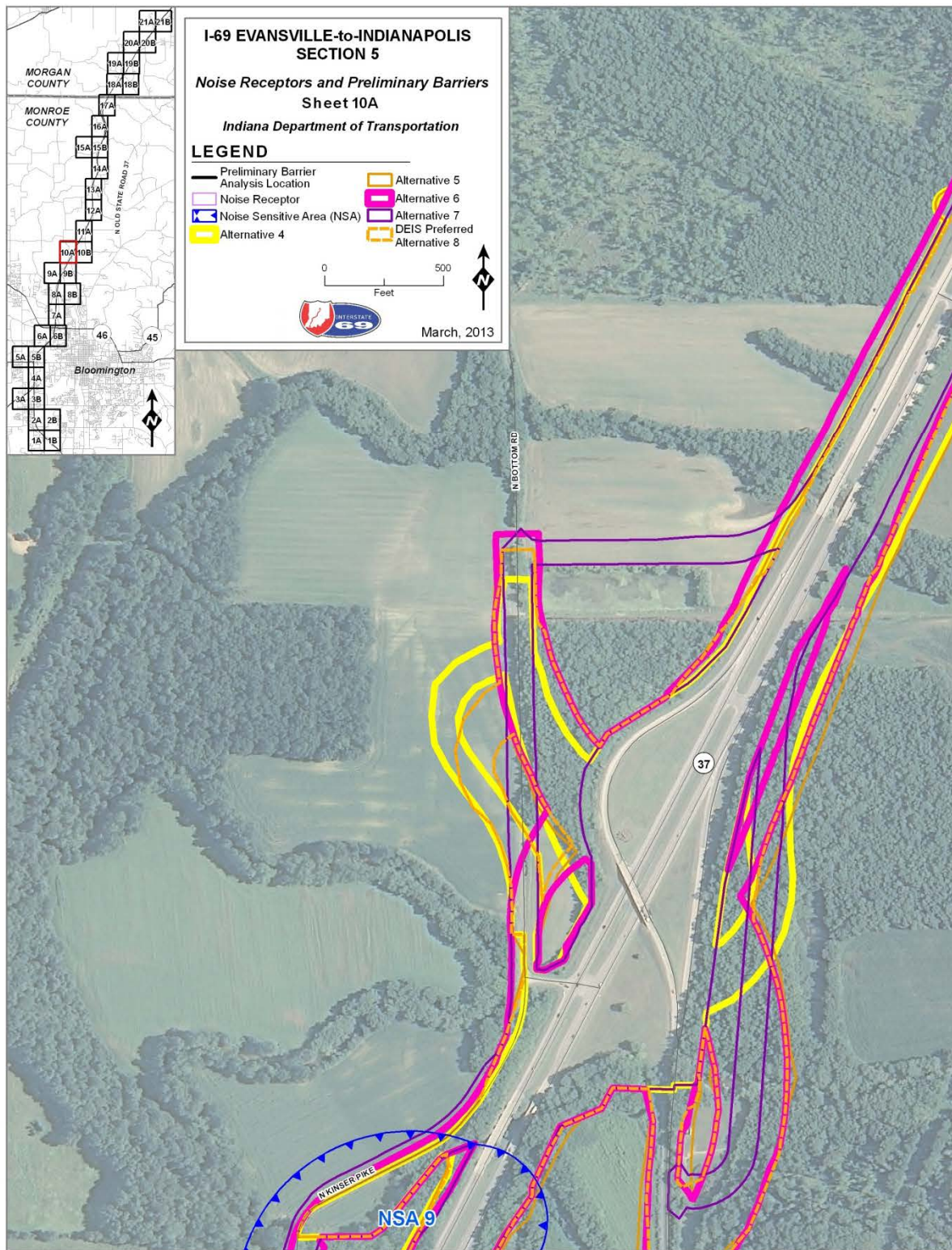


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 10A)

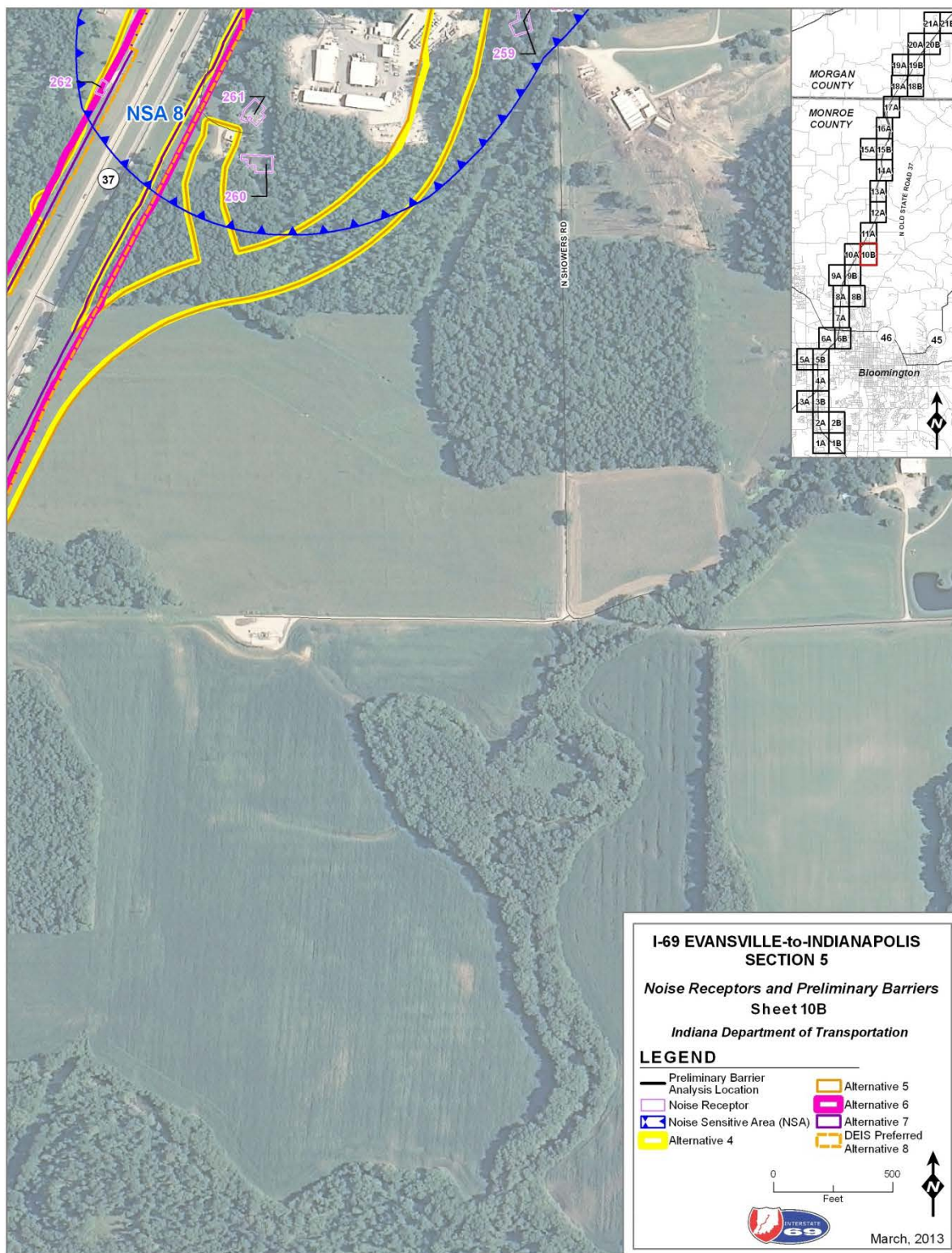


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 10B)

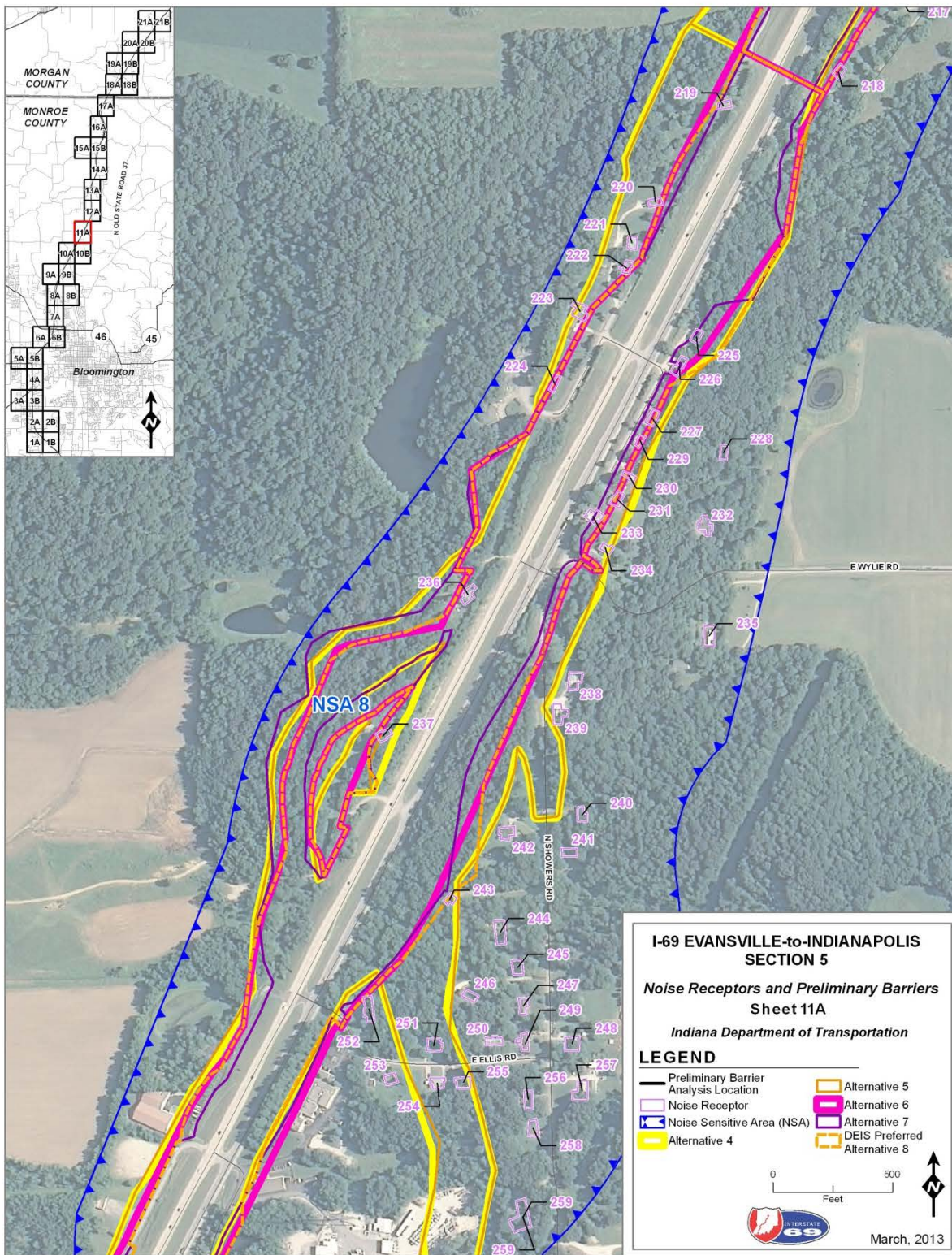


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 11A)

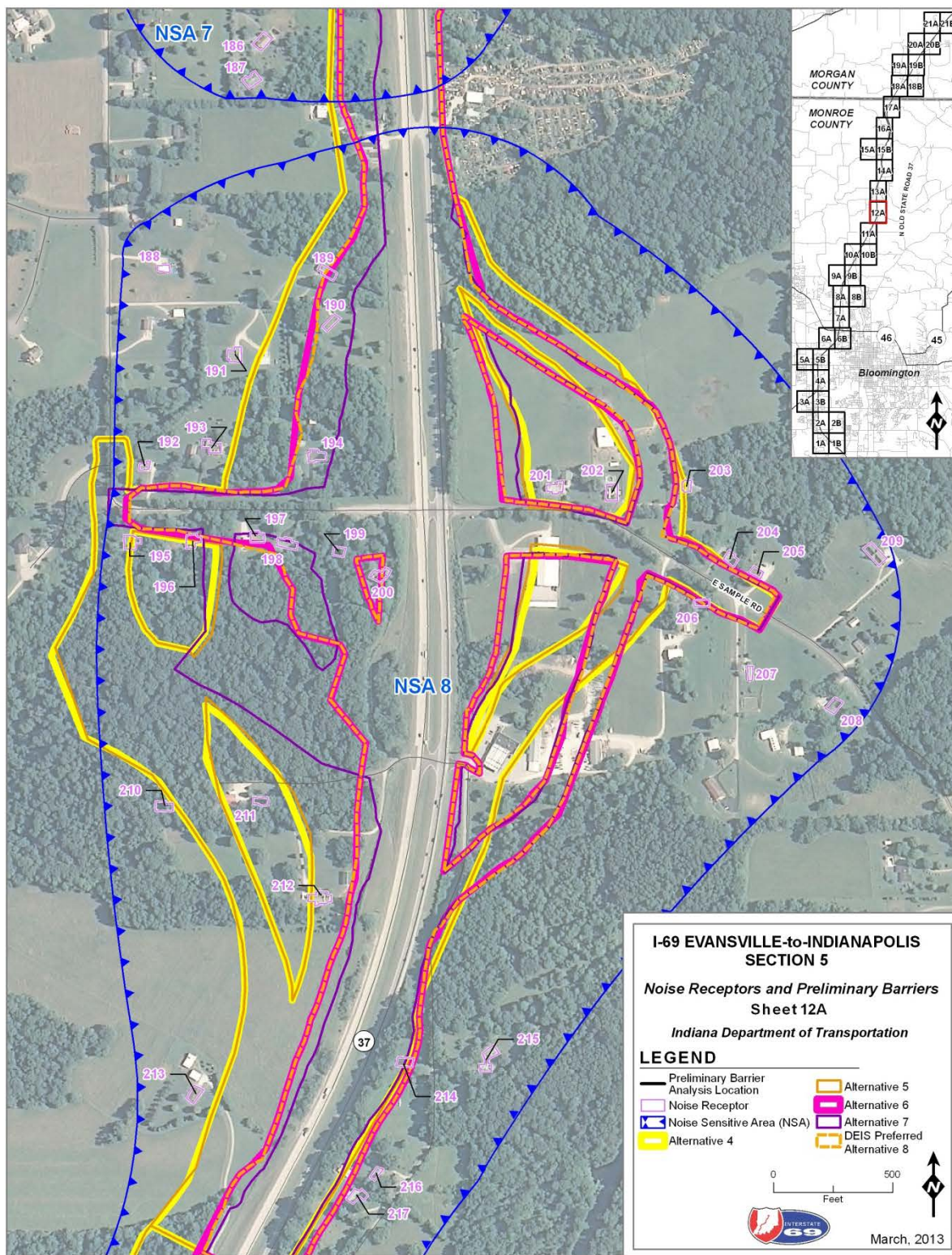


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 12A)

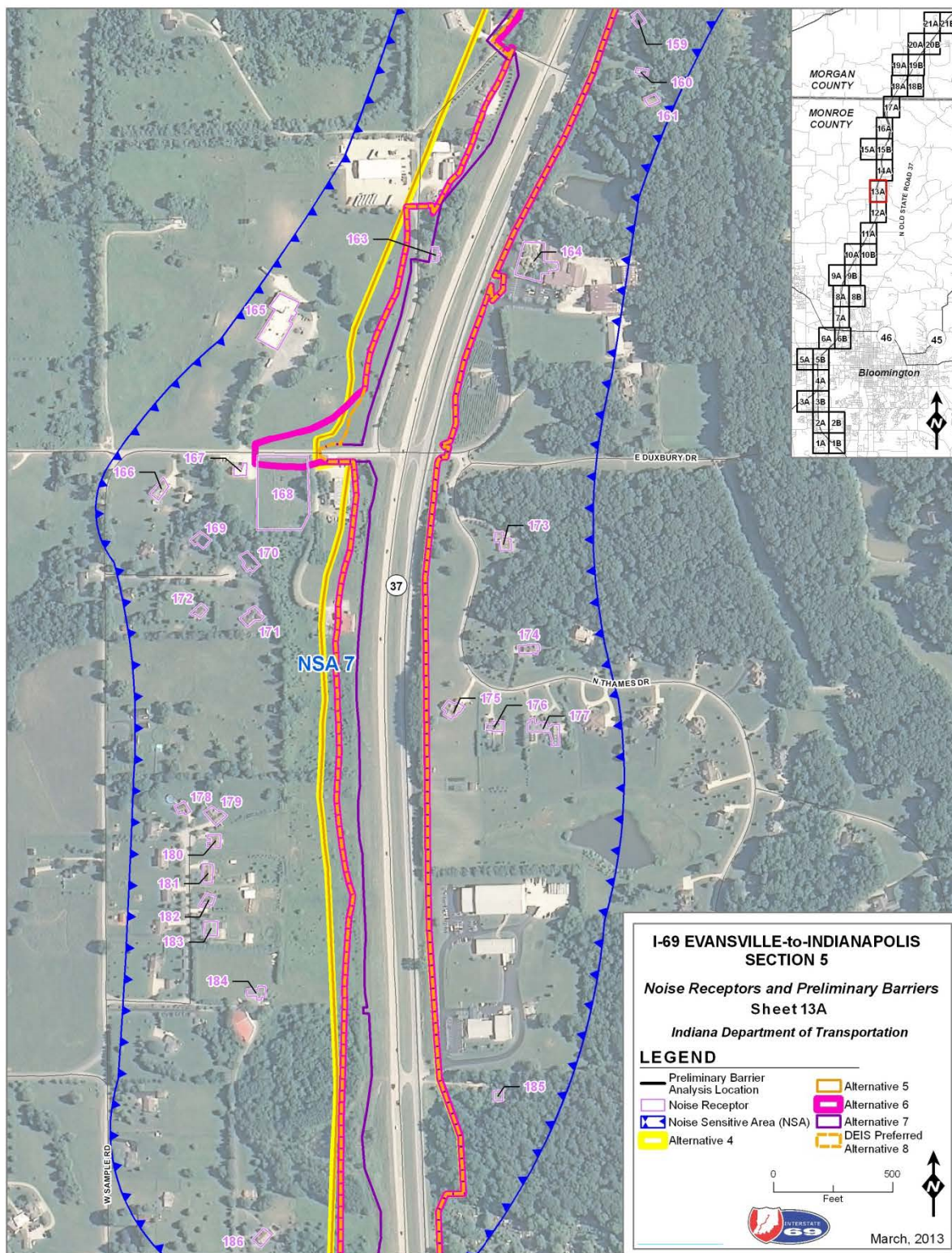


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 13A)

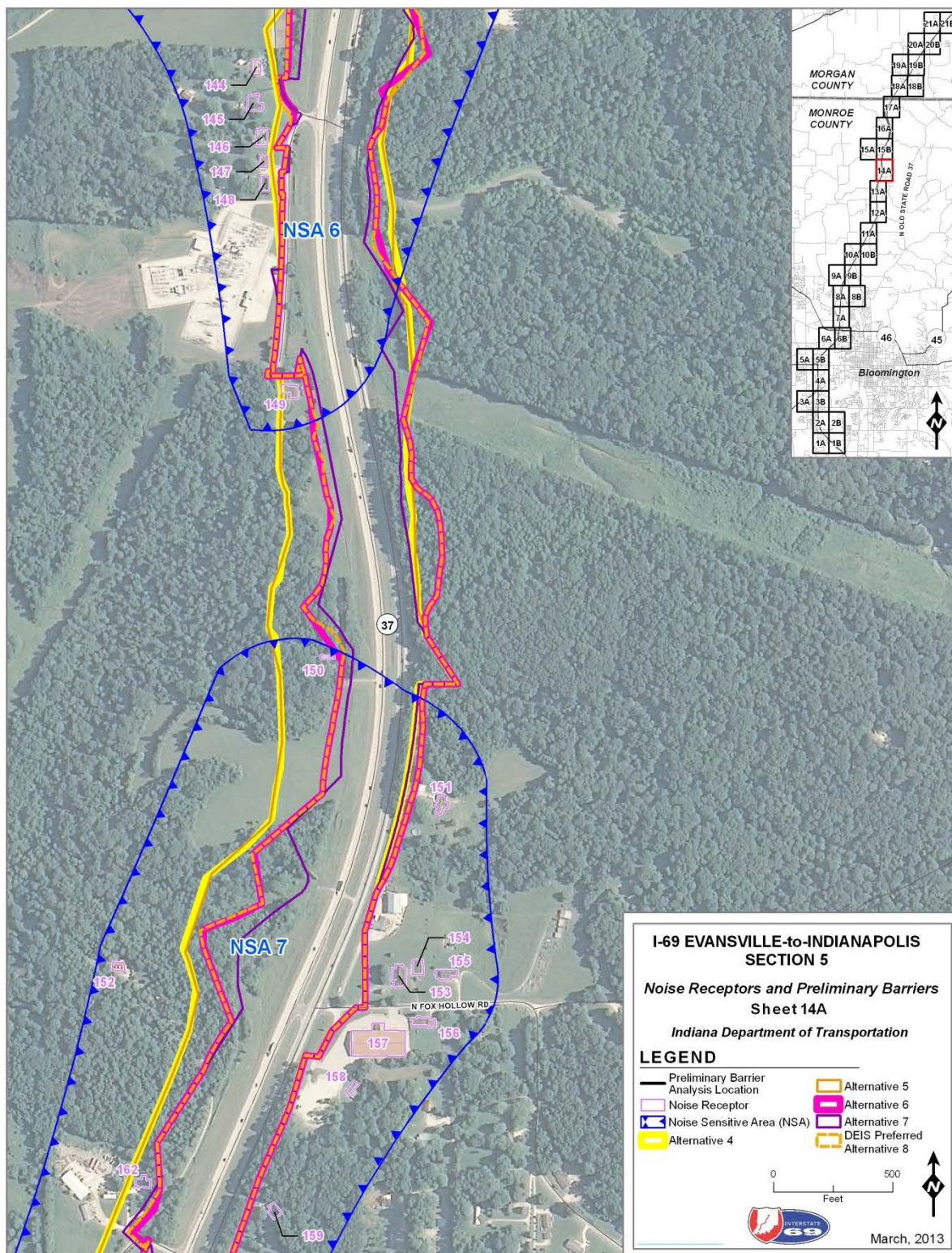


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 14A)

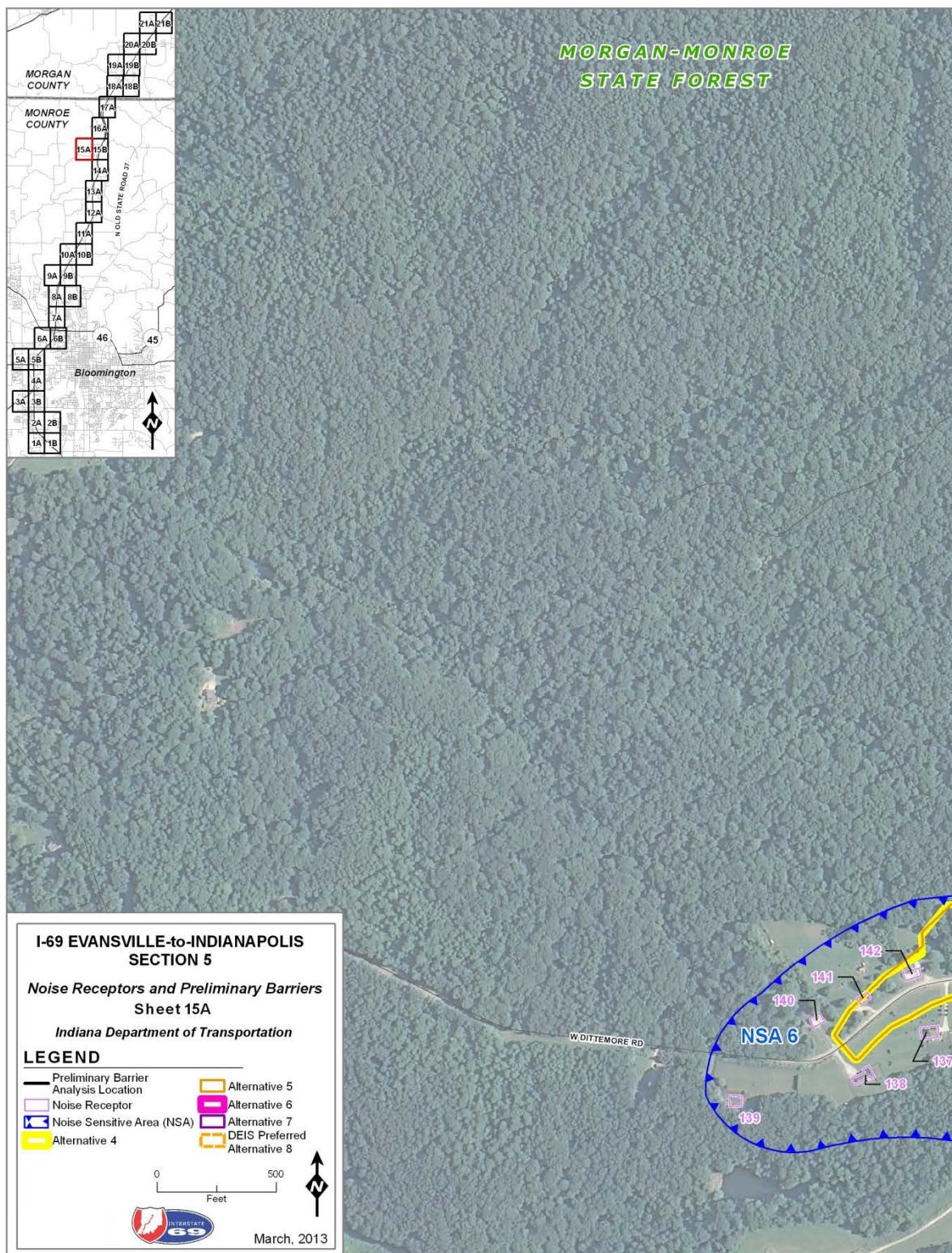


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 15A)

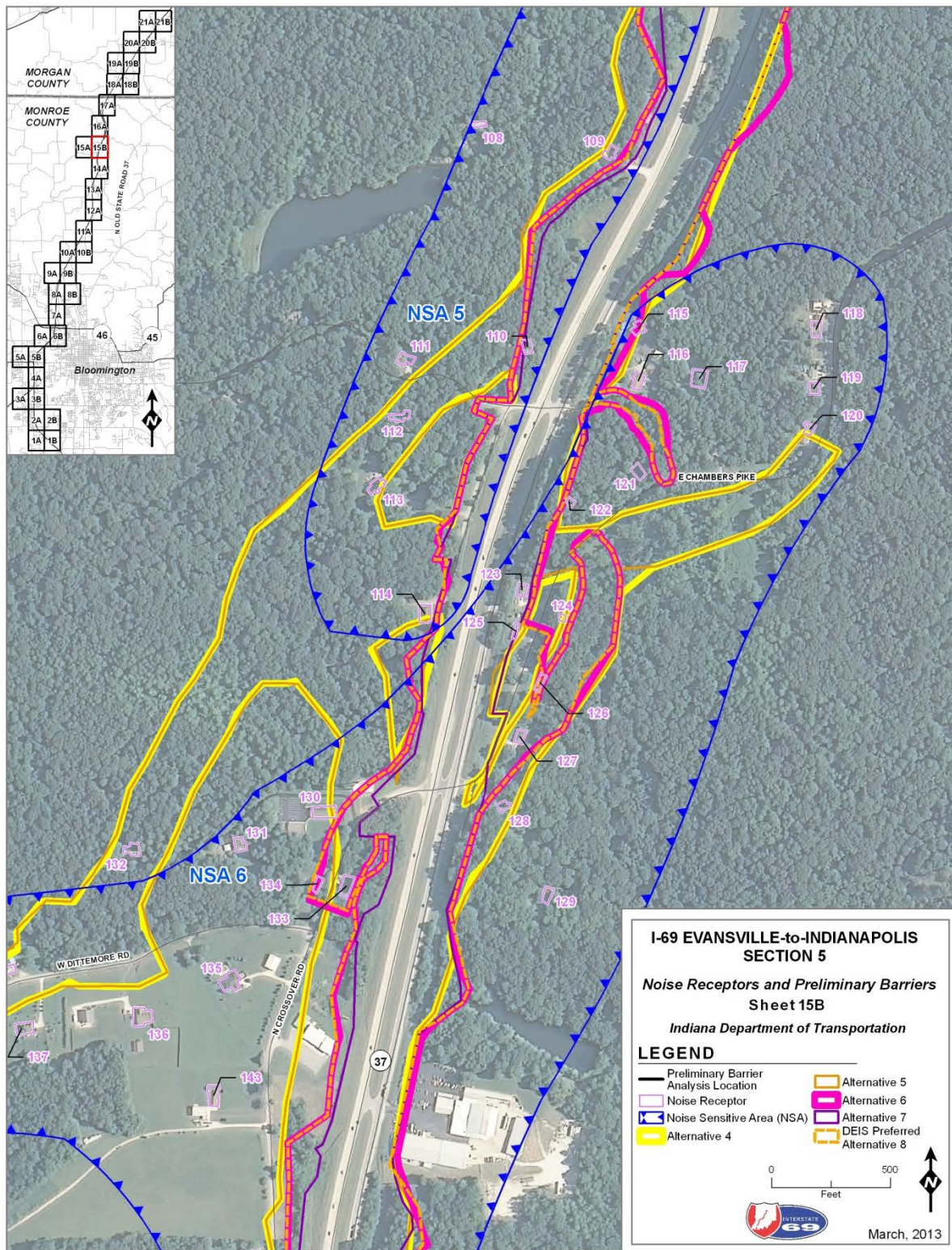


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 15B)

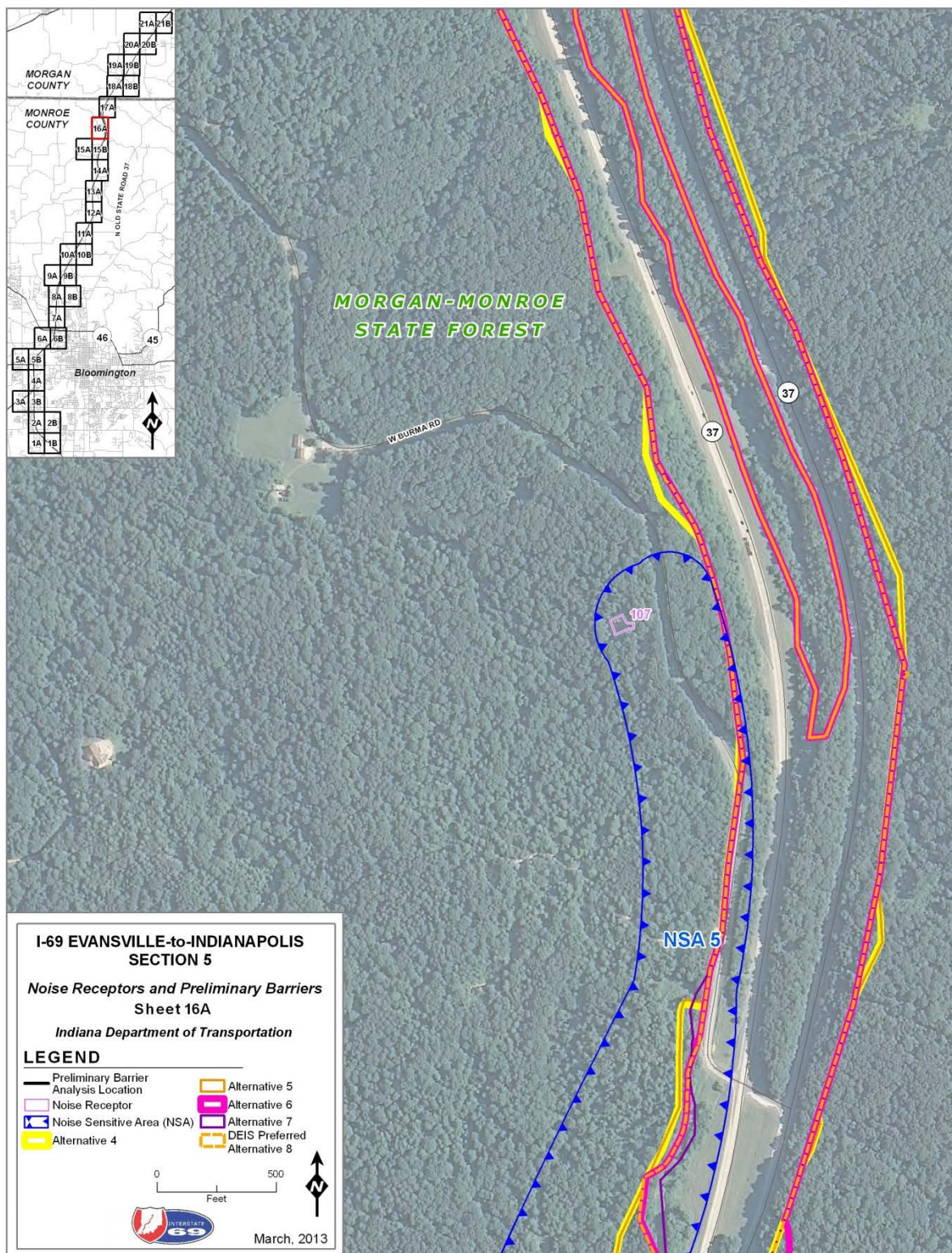


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 16A)

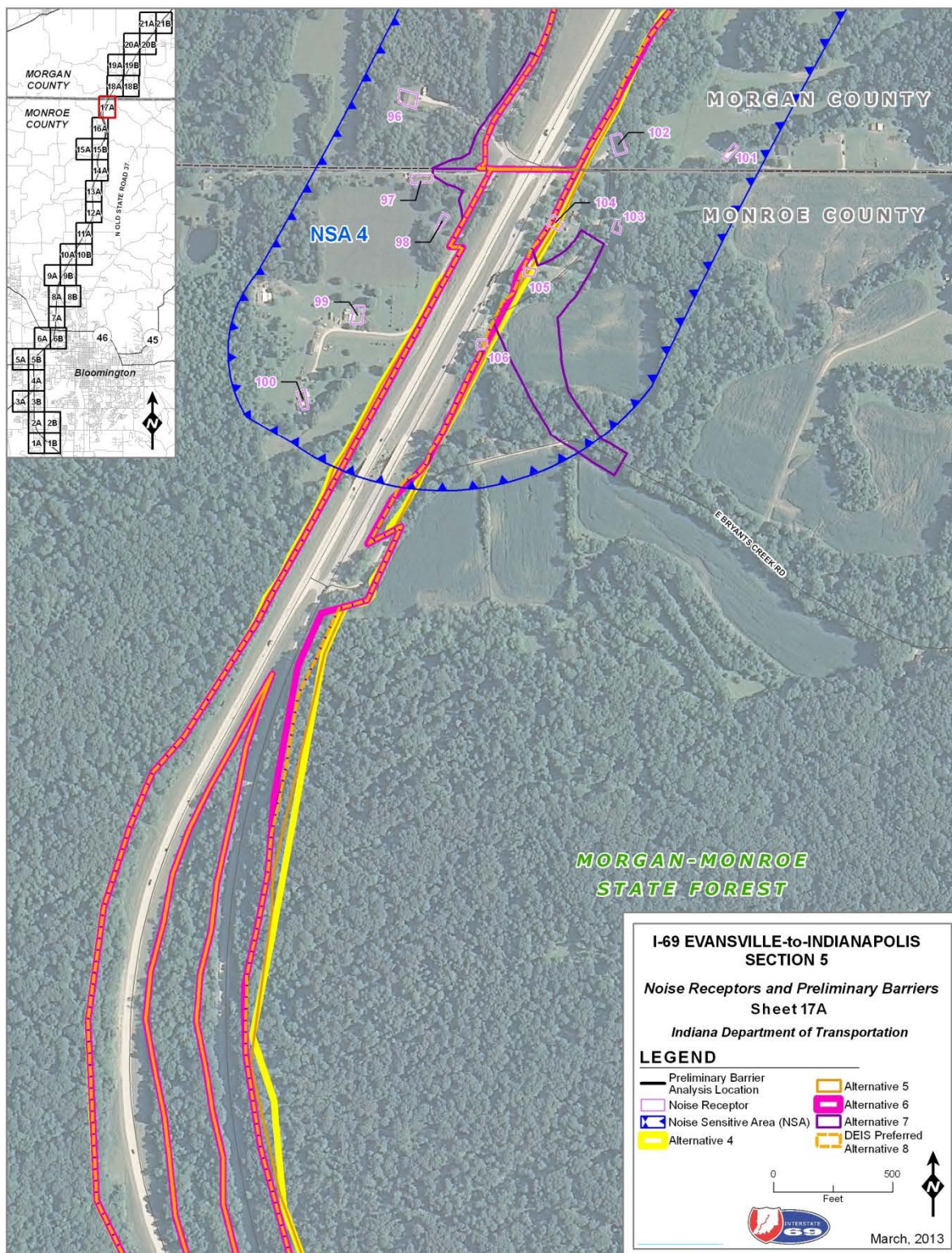


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 17A)

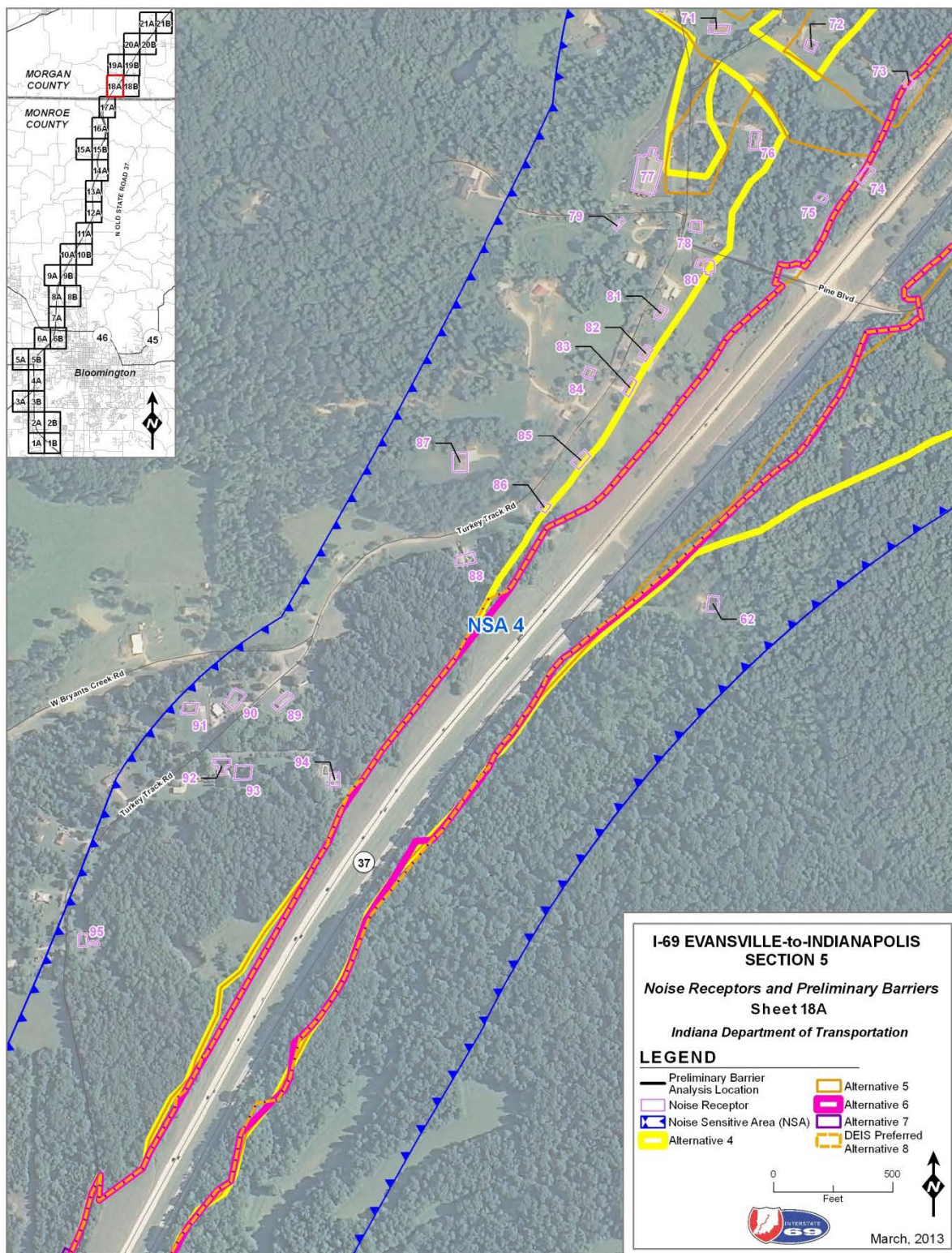


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 18A)

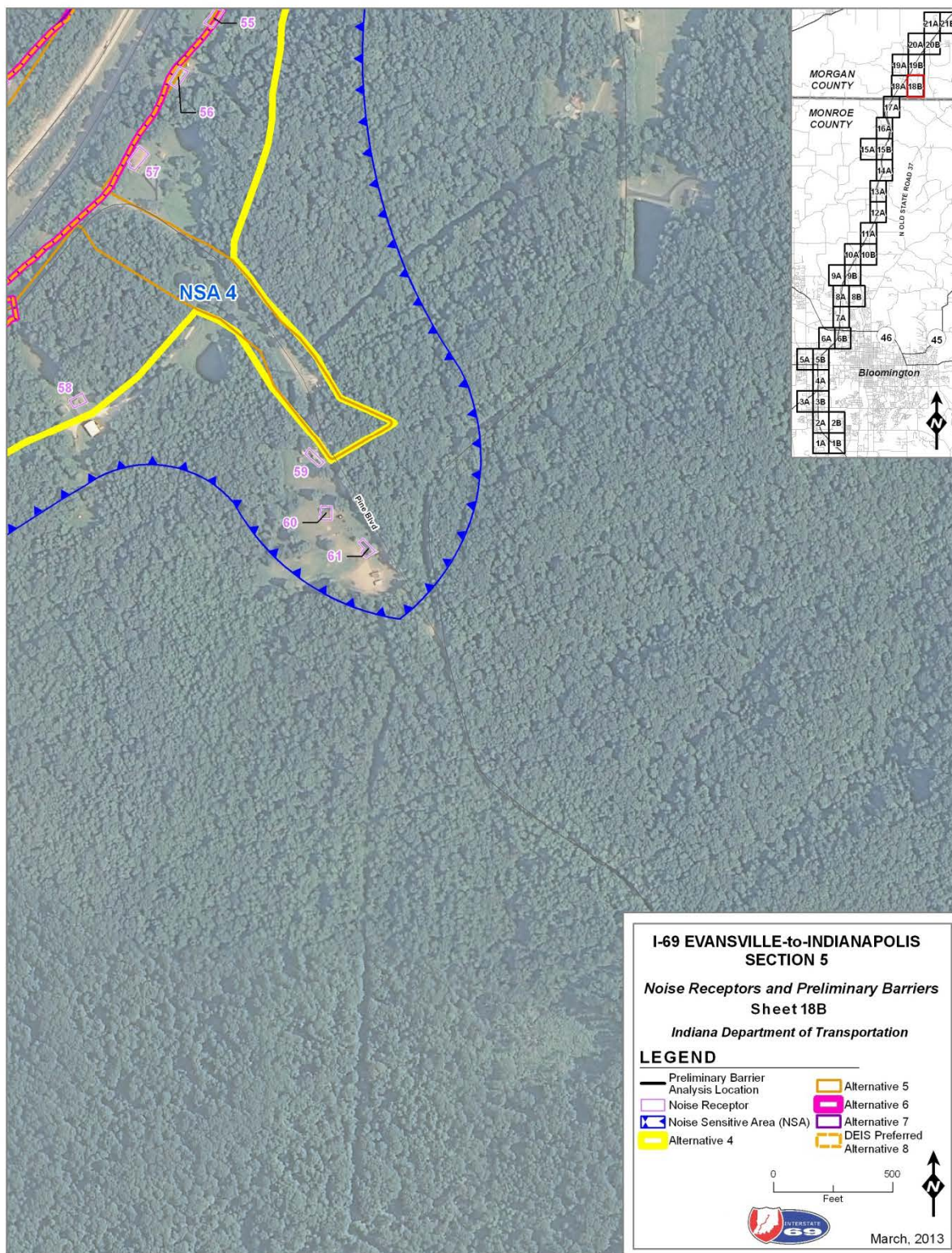


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 18B)

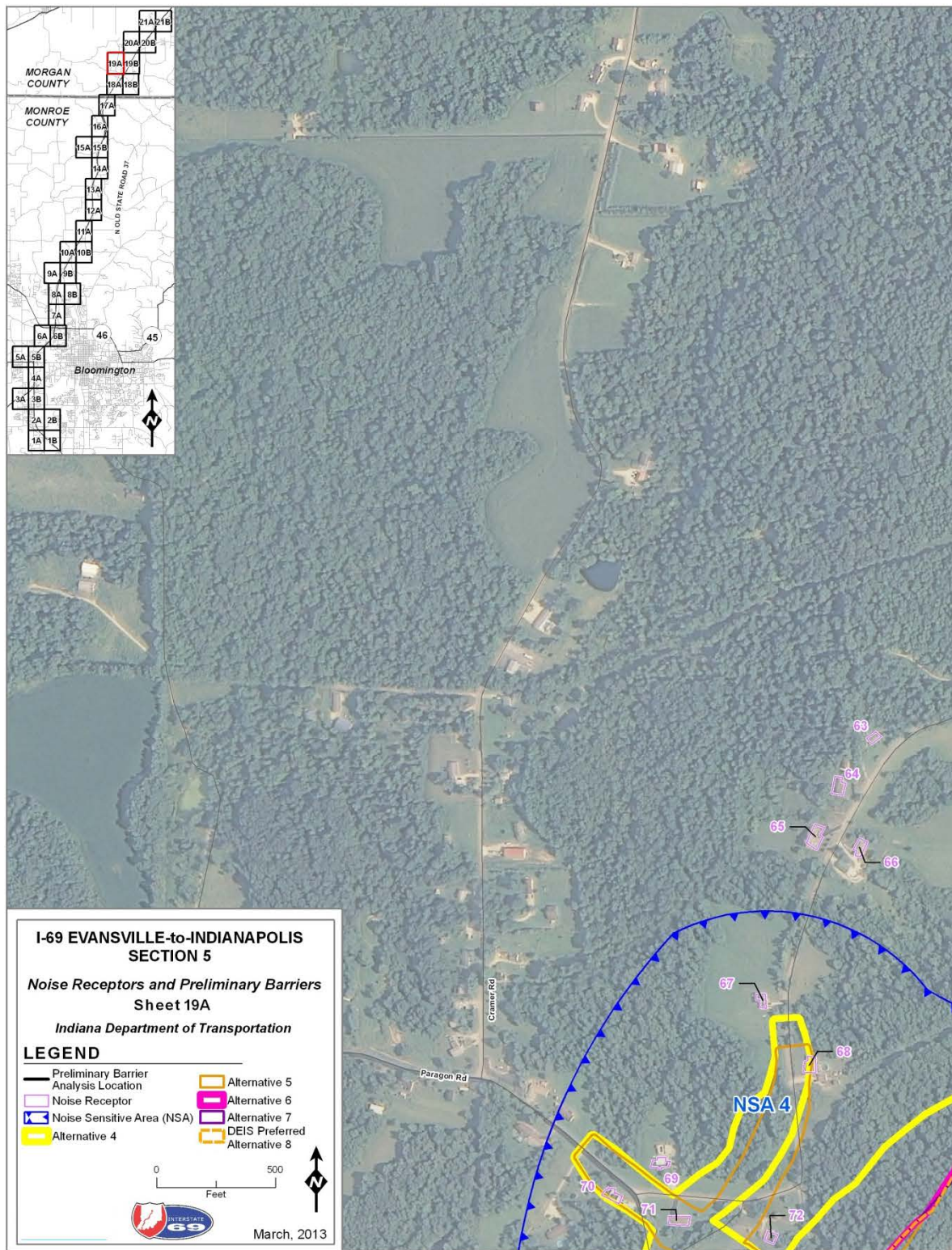


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 19A)

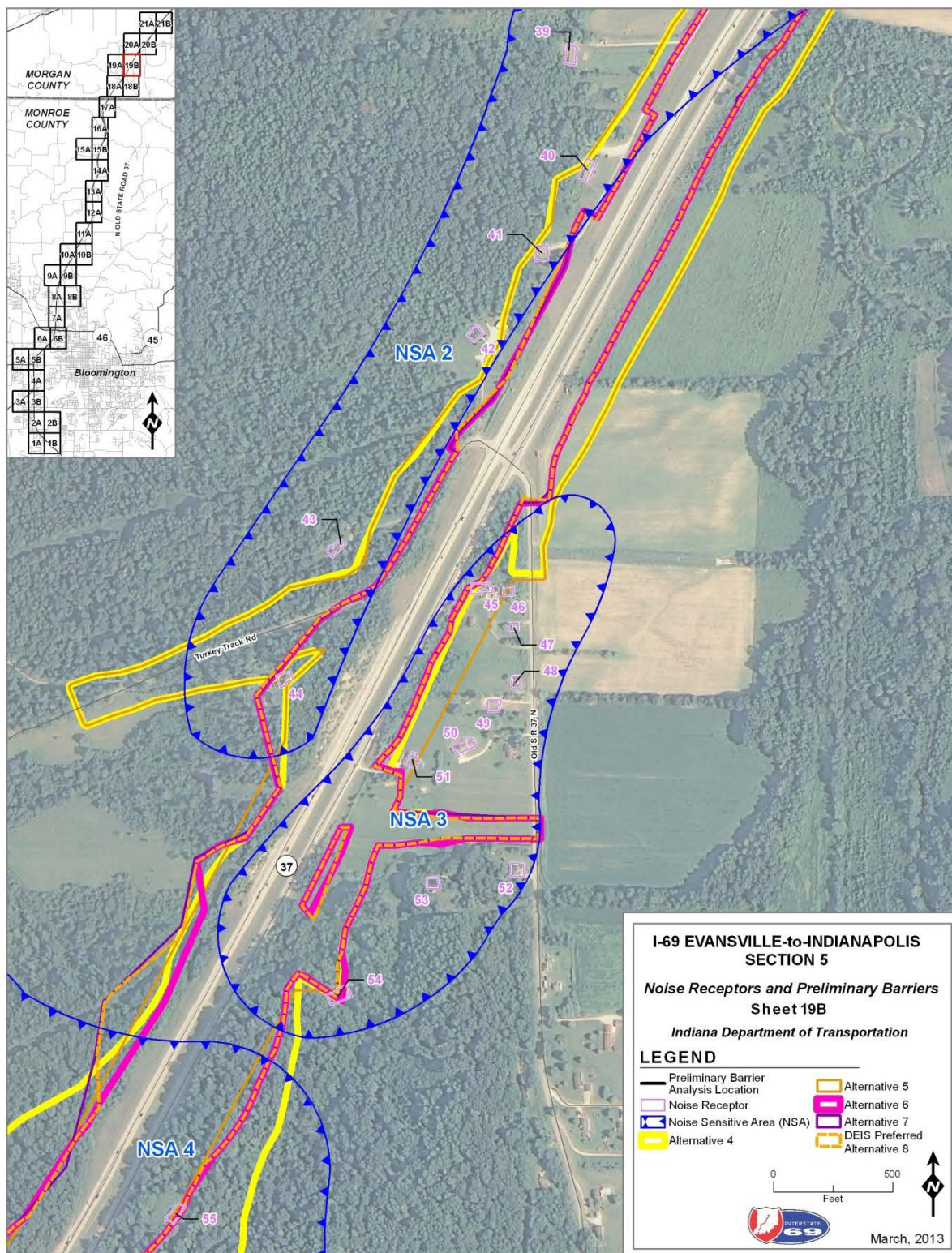


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 19B)

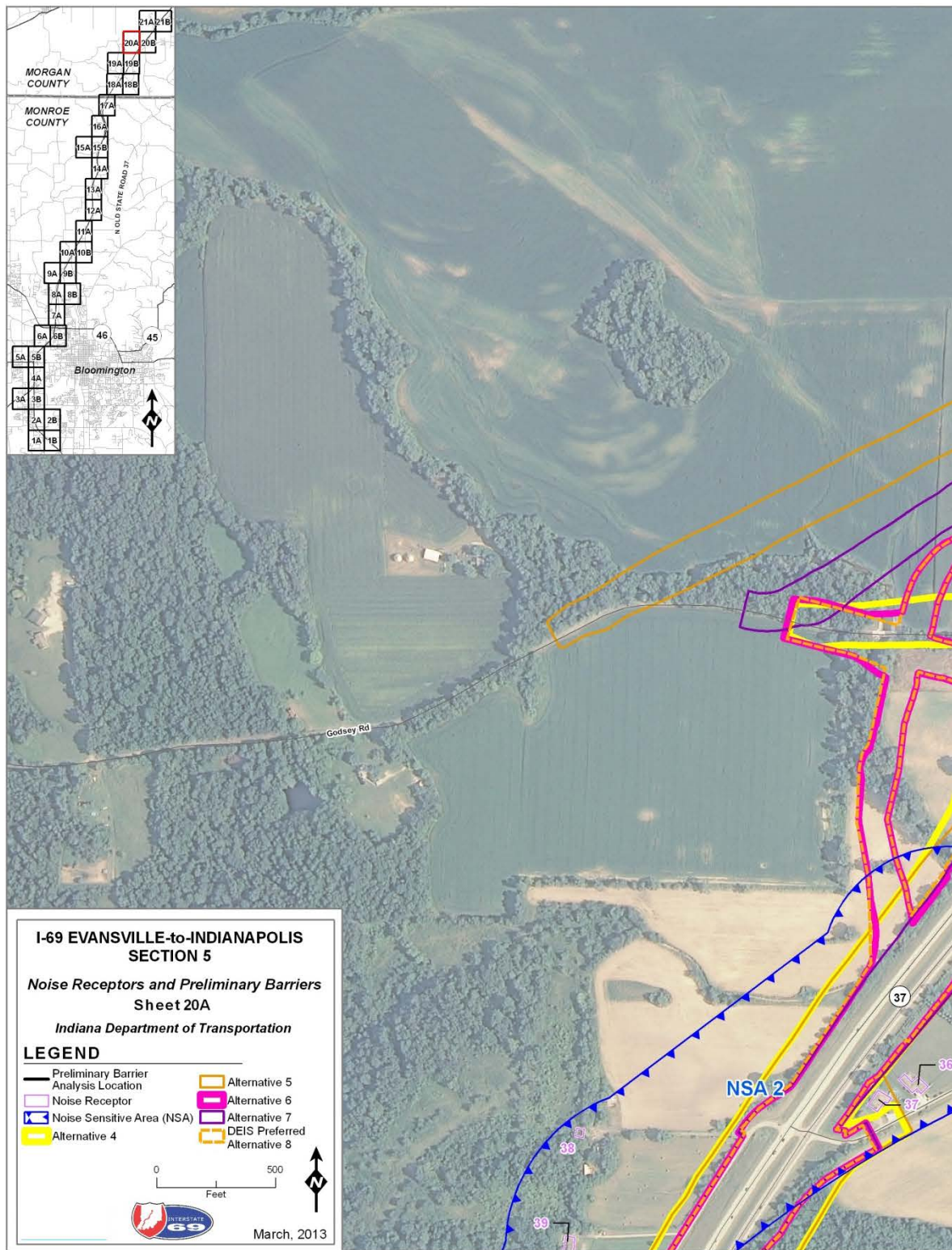


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 20A)

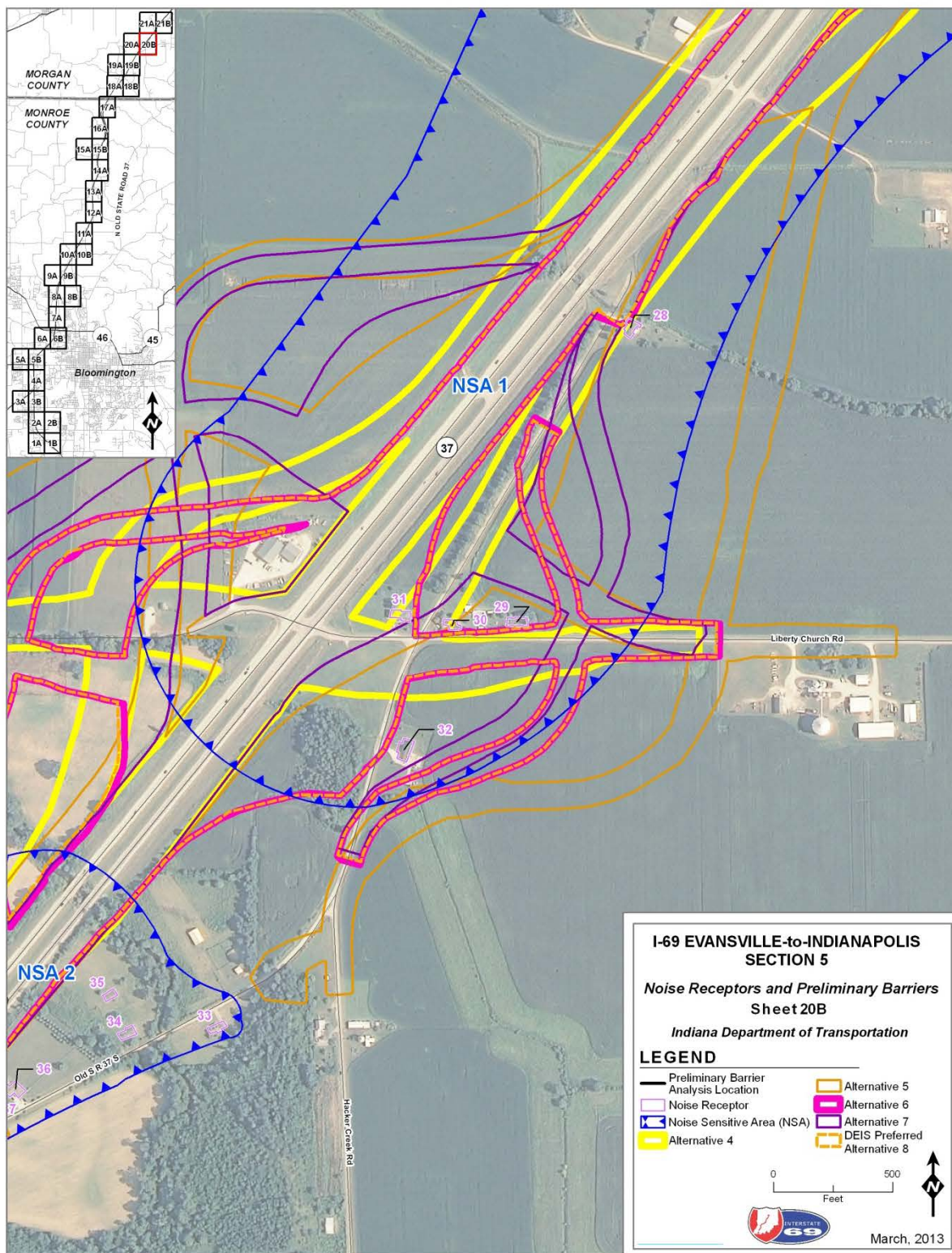


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 20B)

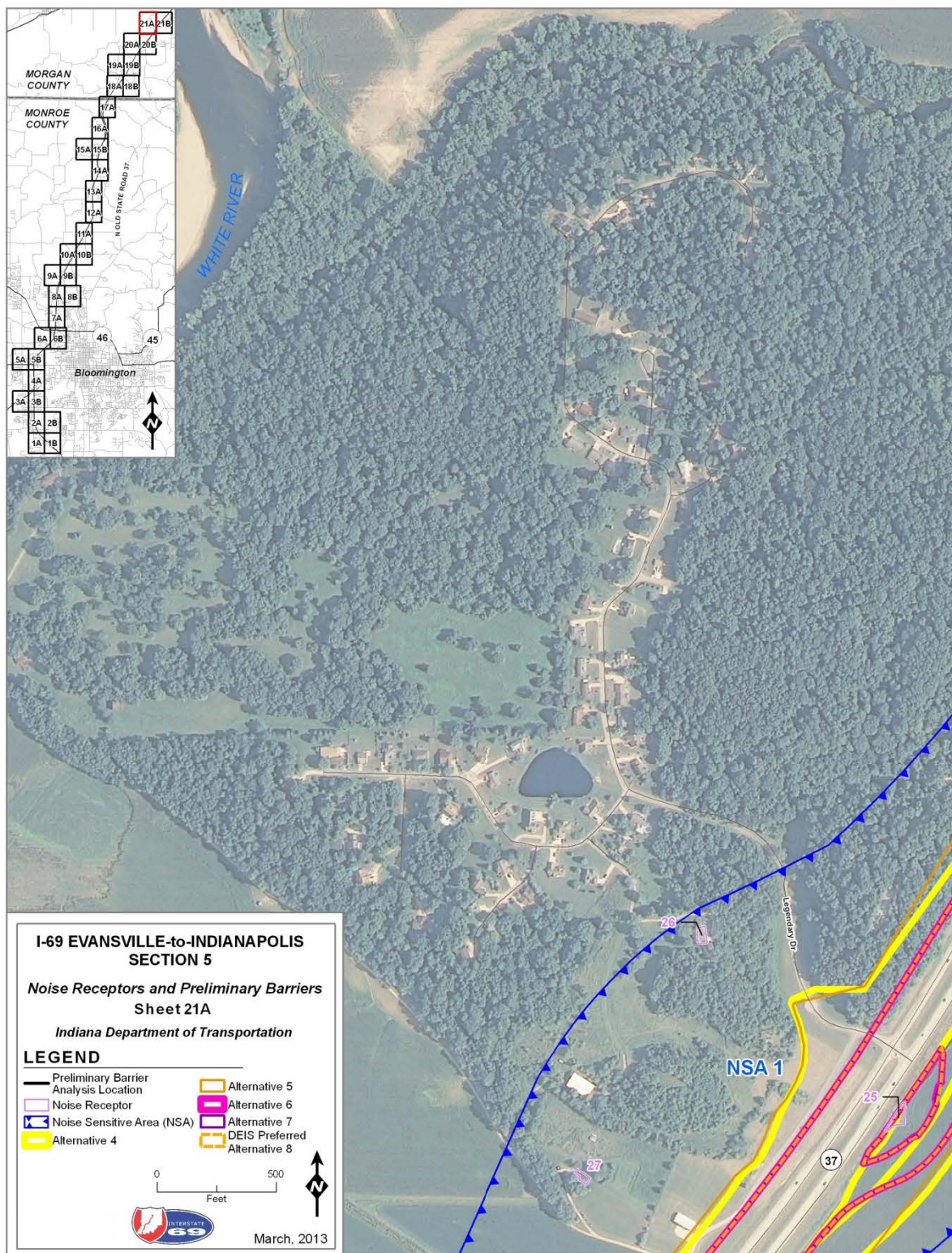


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 21A)

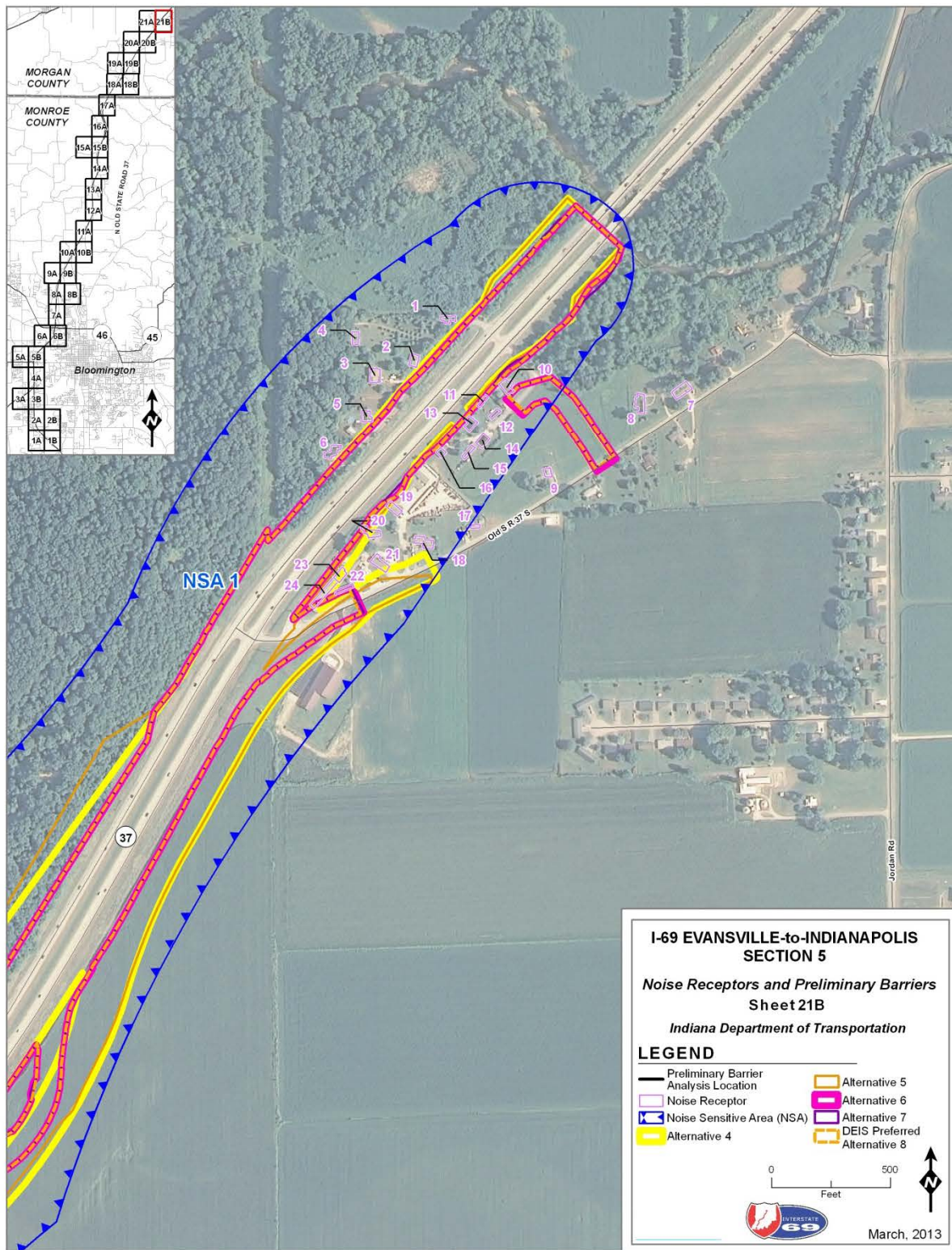


Figure 5: Noise Receptors & Preliminary Barrier Locations for Alternatives 4 through 8 (Sheet 21B)