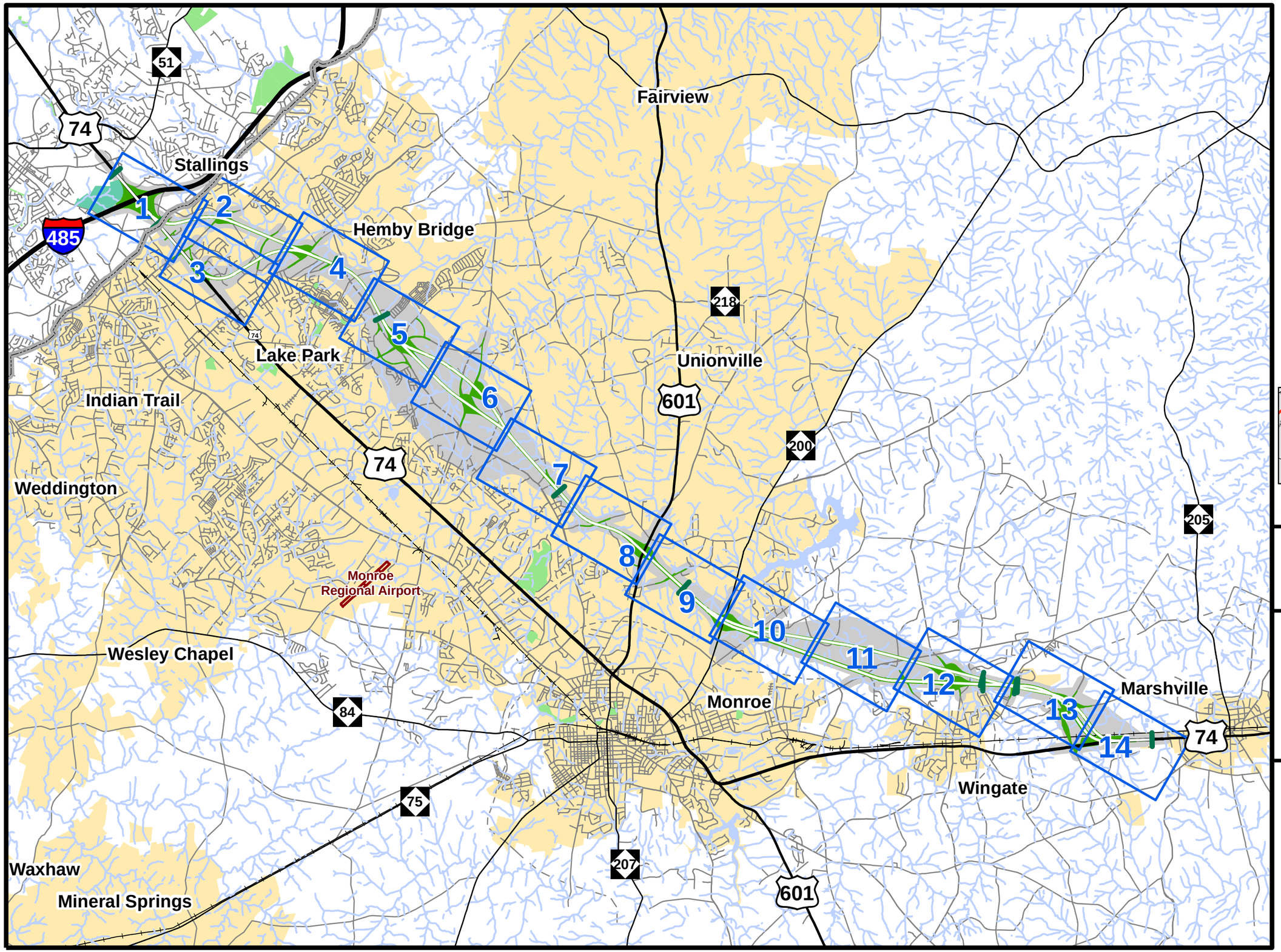
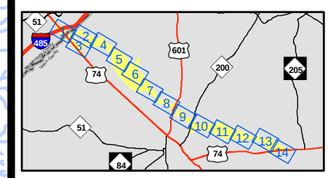
APPENDIX D

NOISE CONTOUR MAPS



Legend

- Design Centerline
- Segment Breaklines
- Proposed Right of Way
- Detailed Study Area
- Parks
- Interstate Highway
- US Highway
- NC State Highway
- Rail
- Streets
- Hydrology
- Municipalities
- County Boundaries



Source: Mecklenburg and Union Counties GIS Map Printed Jan 09

N

0 1.5 Miles

NORTH CAROLINA Turnpike Authority

STIP PROJECT
NO. R-3329 & R-2559

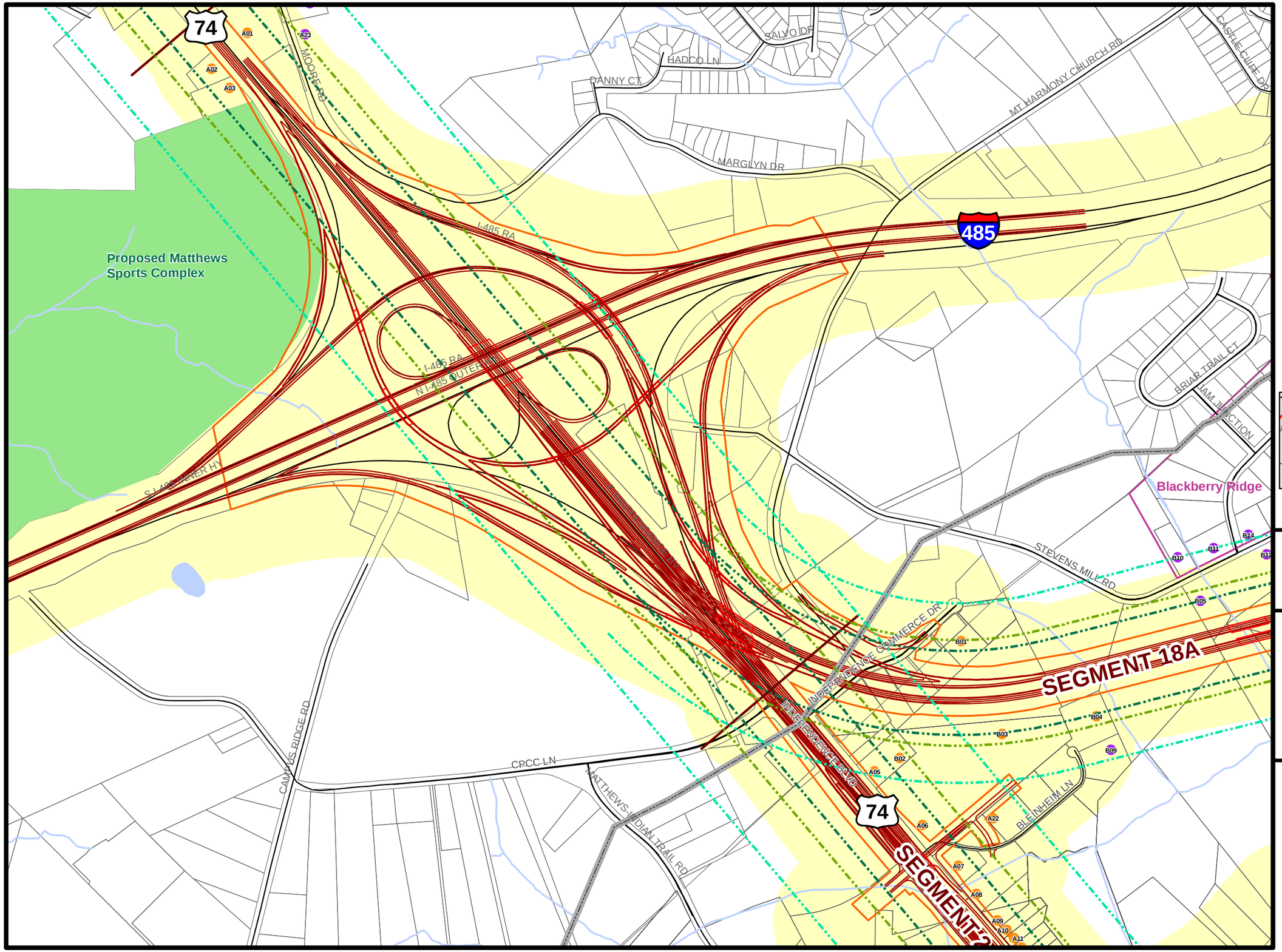
Mecklenburg County
and Union County

MONROE CONNECTOR/BYPASS

2035 NOISE CONTOURS and SENSITIVE RECEPTOR LOCATIONS

App D Figure Index

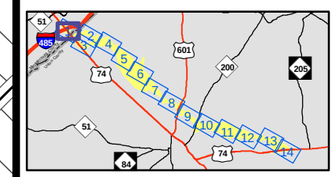
AppD_IndexNoiseContours&Receptors.mxd AKH 2.26.09



Legend

Noise Receptors

- Church/School
- Commercial
- Residential
- 60dBA Leq.
- 66dBA Leq.
- 71dBA Leq.
- Functional Road Design
- Roadway Bridge
- Segment Breaklines
- Detailed Study Area
- Cemetery
- Church
- Library
- Schools
- Parks
- Parcels
- Subdivisions
- Streets
- County Boundaries
- Hydrology



Source: Mecklenburg and Union Counties GIS Map Printed Jan 09

N

0 600
Feet

NORTH CAROLINA Turnpike Authority

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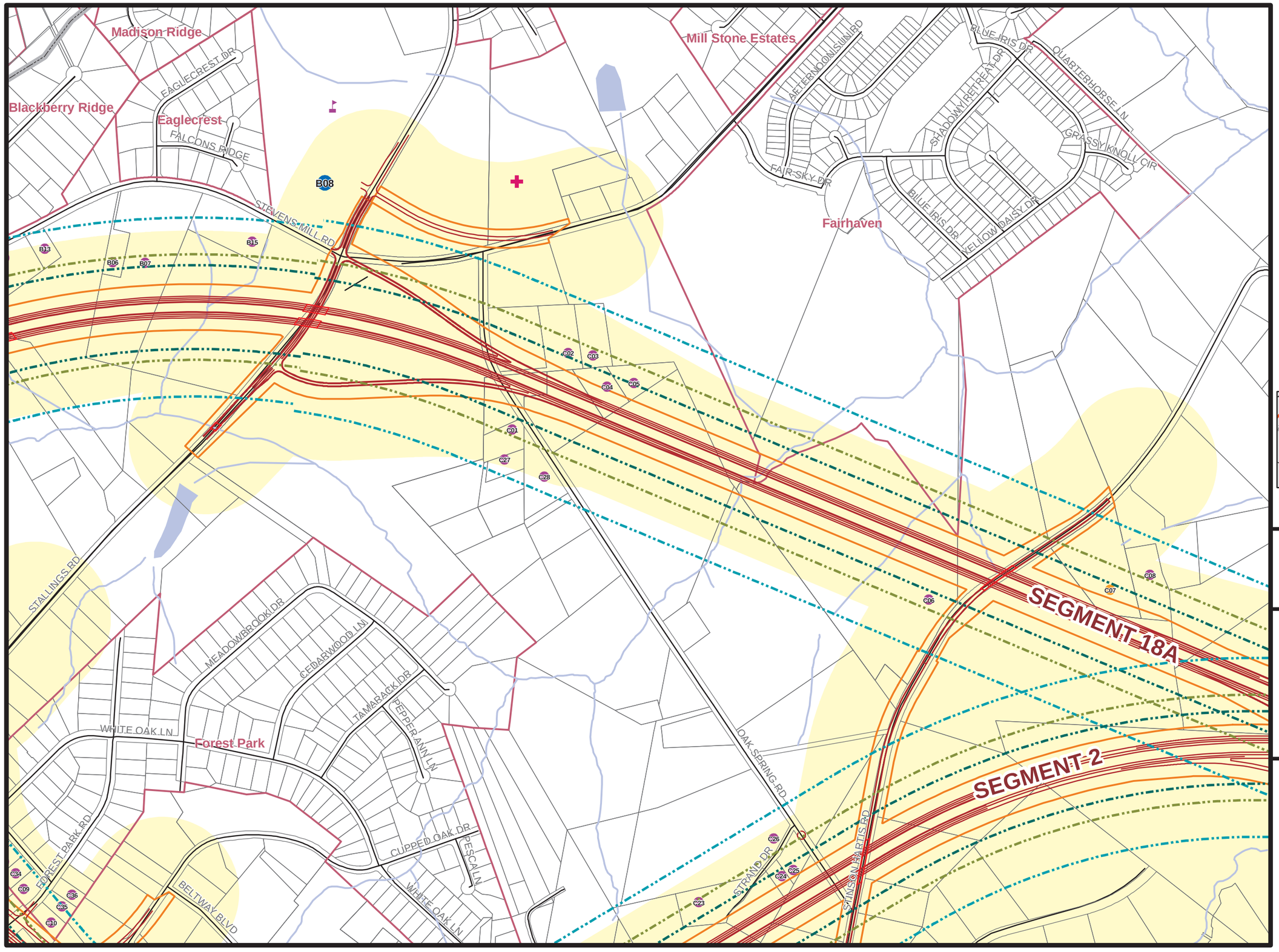
and Union County

MONROE CONNECTOR/BYPASS

2035 NOISE CONTOURS and SENSITIVE RECEPTOR LOCATIONS

Figure D- 1

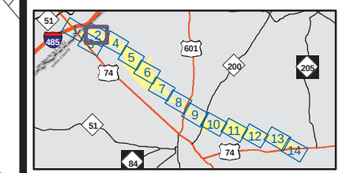
AppD_2030NoiseContours&Receptors.mxd AKH 01.14.09



Legend

Noise Receptors

- Church/School
- Commercial
- Residential
- 60dBA Leq.
- 66dBA Leq.
- 71dBA Leq.
- Functional Road Design
- Roadway Bridge
- Segment Breaklines
- Detailed Study Area
- Cemetery
- Church
- Library
- Schools
- Parks
- Parcels
- Subdivisions
- Streets
- County Boundaries
- Hydrology



Source: Mecklenburg and Union Counties GIS Map Printed Jan 09

N

0 600
Feet

NORTH CAROLINA Turnpike Authority

STIP PROJECT
NO. R-3329 & R-2559

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and Union County

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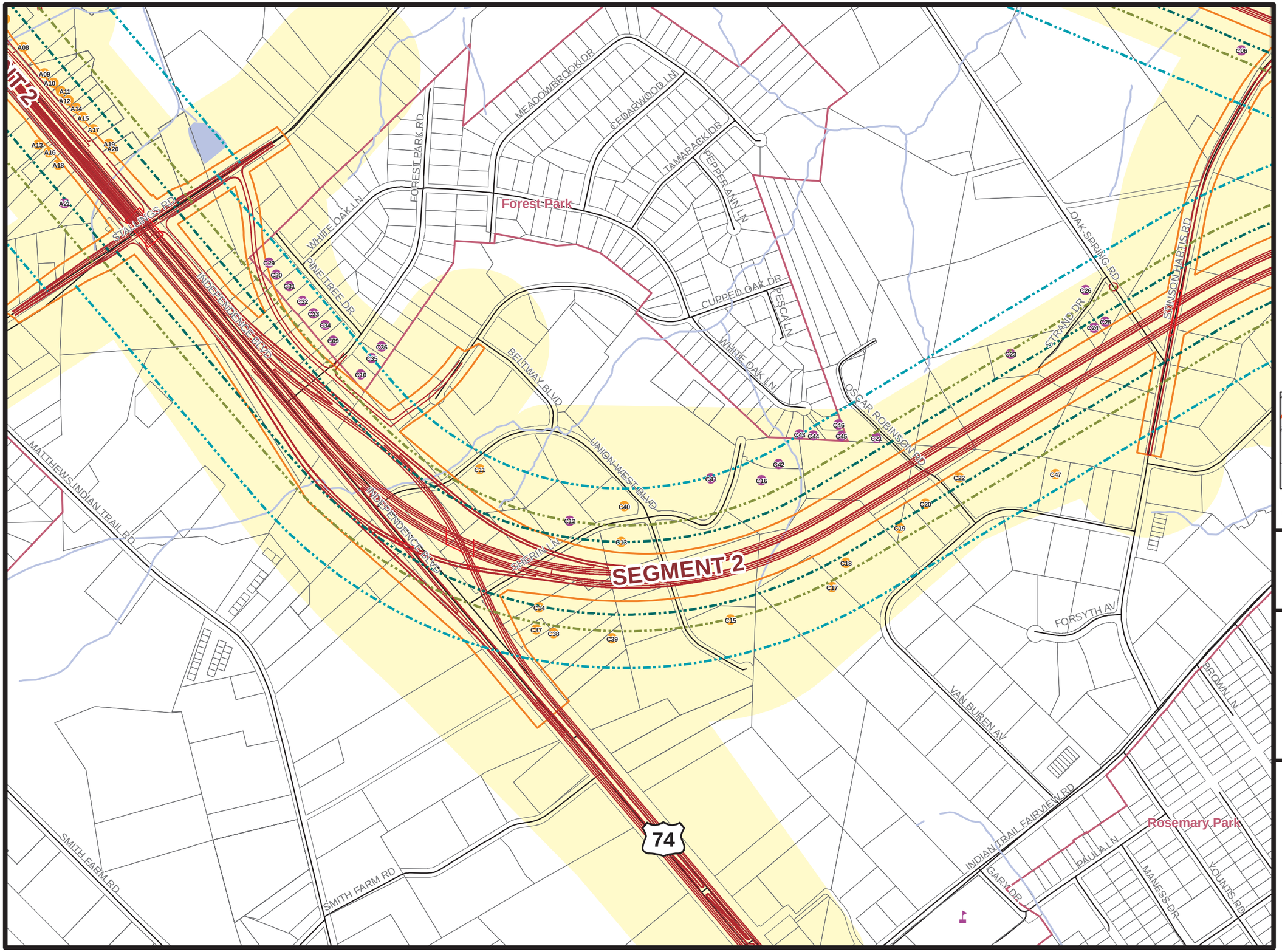
2035 NOISE CONTOURS and SENSITIVE RECEPTOR LOCATIONS

Figure D- 2

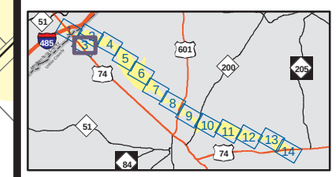
AppD_2030NoiseContours&Receptors.mxd AKH 01.14.09



Legend

Noise Receptors

- Church/School
- Commercial
- Residential
- 60dBA Leq.
- 66dBA Leq.
- 71dBA Leq.
- Functional Road Design
- Roadway Bridge
- Segment Breaklines
- Detailed Study Area
- Cemetery
- Church
- Library
- Schools
- Parks
- Parcels
- Subdivisions
- Streets
- County Boundaries
- Hydrology



Source: Mecklenburg and Union Counties GIS Map Printed Jan 09

N

0 600

Feet

NORTH CAROLINA Turnpike Authority

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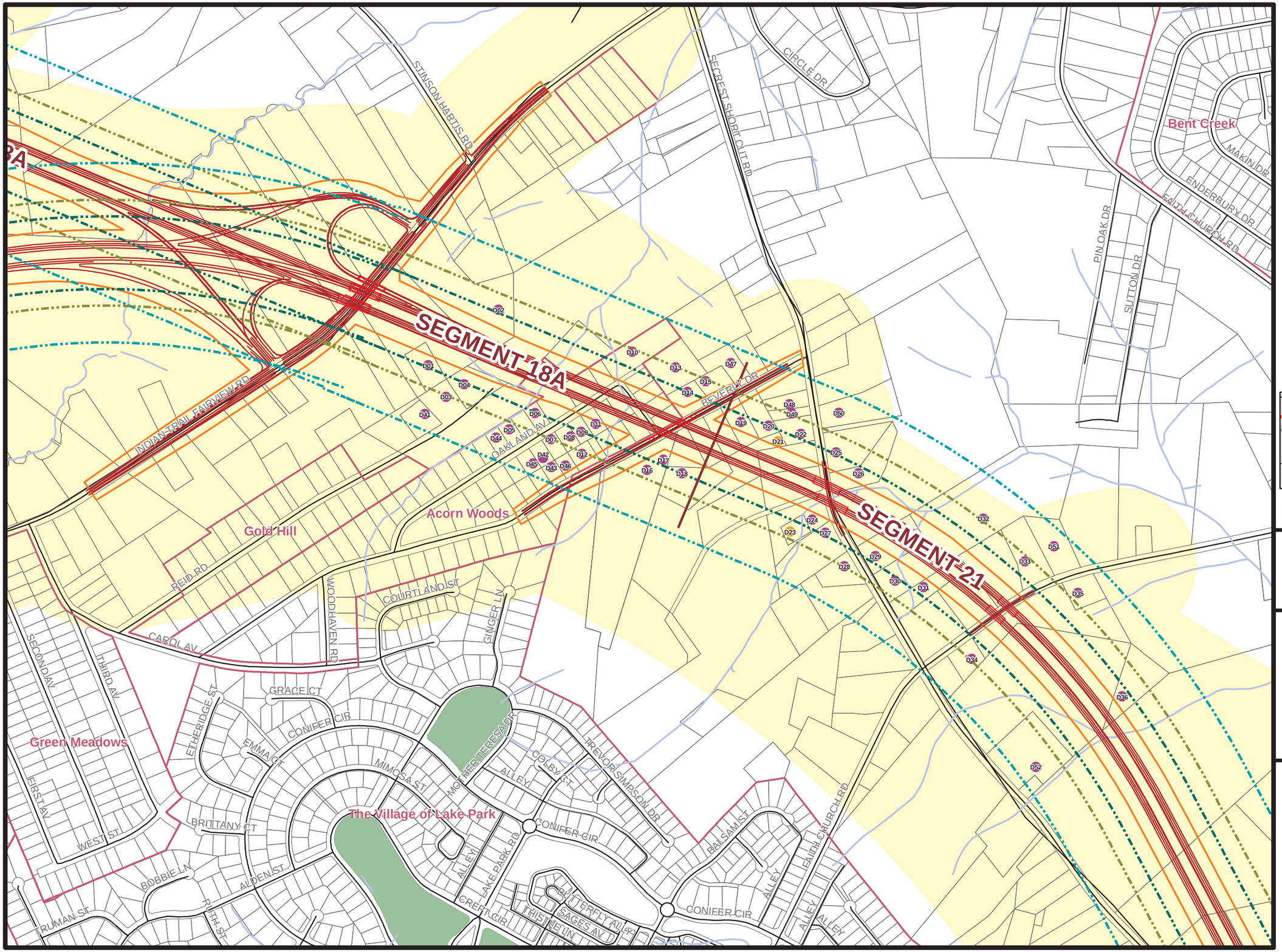
2035 NOISE CONTOURS and SENSITIVE RECEPTOR LOCATIONS

Figure D- 3

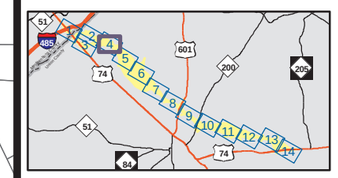
AppD_2030NoiseContours&Receptors.mxd AKH 01.14.09



Legend

Noise Receptors

- Church/School
- Commercial
- Residential
- 60dBA Leq.
- 66dBA Leq.
- 71dBA Leq.
- Functional Road Design
- Roadway Bridge
- Segment Breaklines
- Detailed Study Area
- Cemetery
- Church
- Library
- Schools
- Parks
- Parcels
- Subdivisions
- Streets
- County Boundaries
- Hydrology



Source: Mecklenburg and Union Counties GIS Map Printed Jan 09

N

0 600
Feet

NORTH CAROLINA Turnpike Authority

STIP PROJECT
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Mecklenburg County
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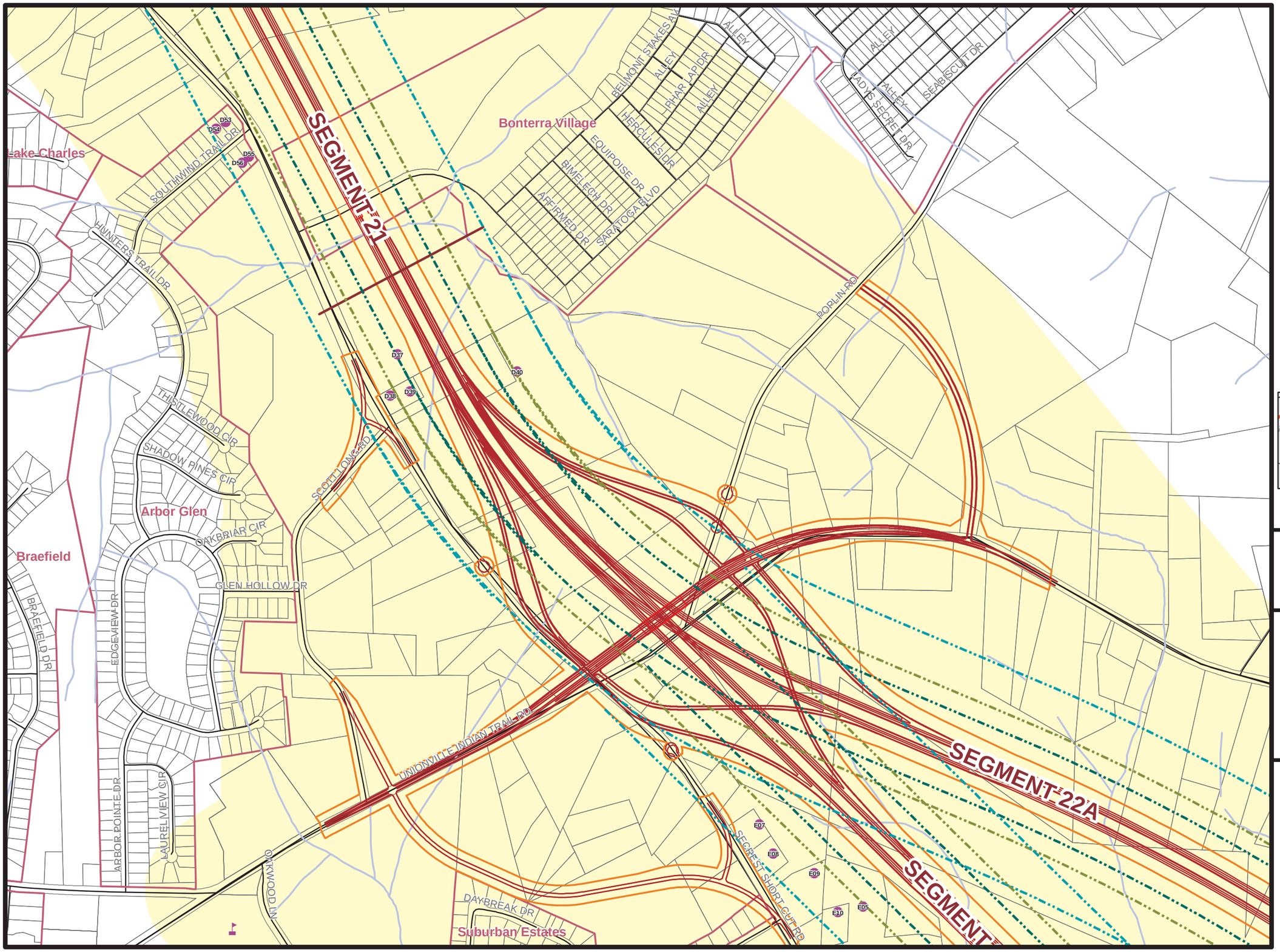
MONROE CONNECTOR/BYPASS

2035 NOISE CONTOURS and SENSITIVE RECEPTOR LOCATIONS

Figure D- 4

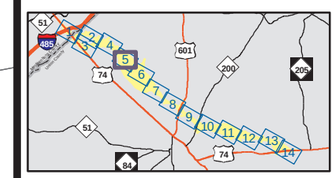
AppD_2030NoiseContours&Receptors.mxd AKH 01.14.09



Legend

Noise Receptors

- Church/School
- Commercial
- Residential
- 60dBA Leq.
- 66dBA Leq.
- 71dBA Leq.
- Functional Road Design
- Roadway Bridge
- Segment Breaklines
- Detailed Study Area
- Cemetery
- Church
- Library
- Schools
- Parks
- Parcels
- Subdivisions
- Streets
- County Boundaries
- Hydrology



Source: Mecklenburg and Union Counties GIS Map Printed Jan 09

N

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Feet

NORTH CAROLINA Turnpike Authority

STIP PROJECT
NO. R-3329 & R-2559

Mecklenburg County
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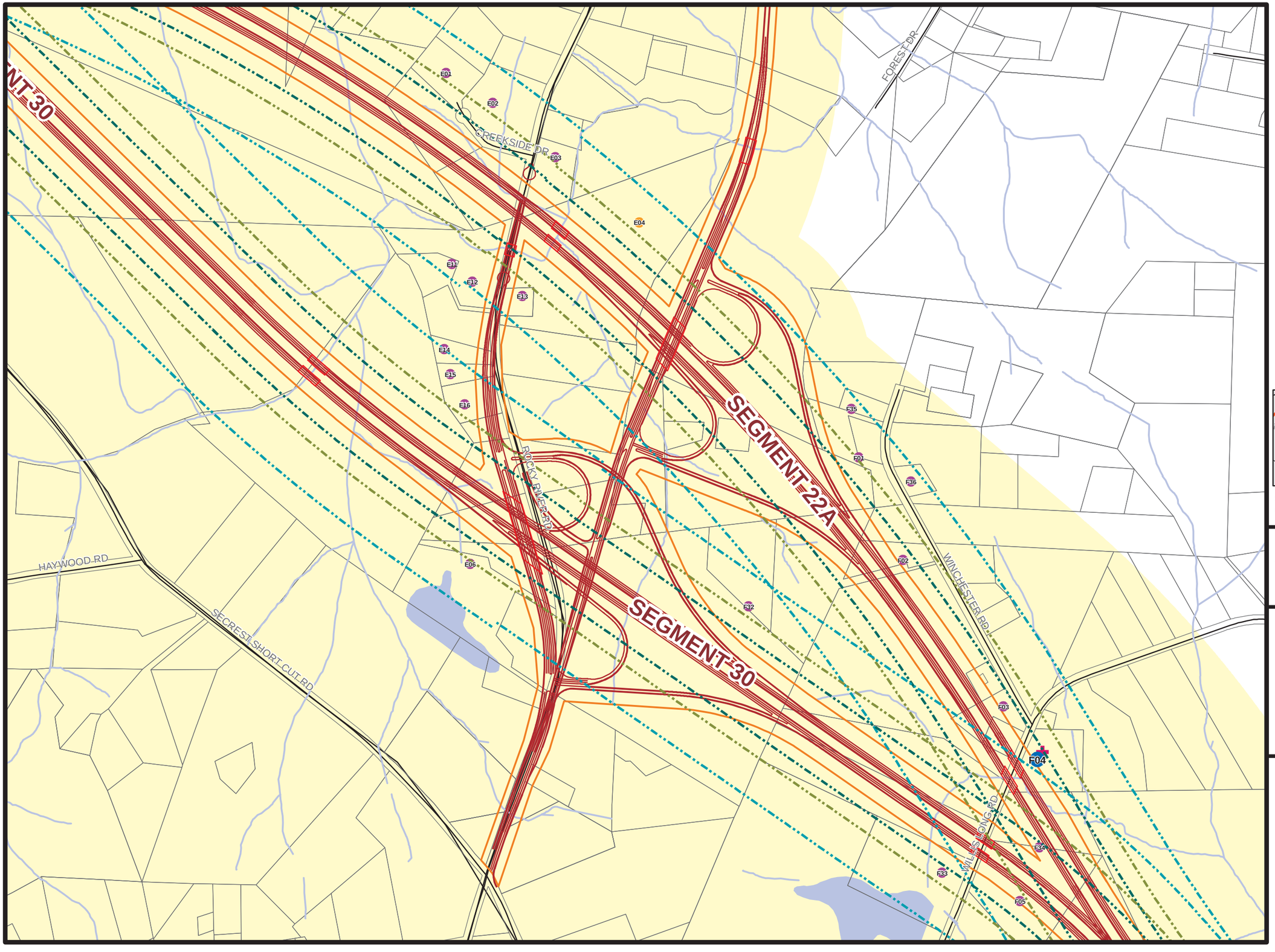
MONROE CONNECTOR/BYPASS

2035 NOISE CONTOURS and SENSITIVE RECEPTOR LOCATIONS

Figure D- 5

AppD_2030NoiseContours&Receptors.mxd AKH 01.14.09



Legend

Noise Receptors

- Church/School
- Commercial
- Residential
- 60dBA Leq.
- 66dBA Leq.
- 71dBA Leq.
- Functional Road Design
- Roadway Bridge
- Segment Breaklines
- Detailed Study Area
- Cemetery
- Church
- Library
- Schools
- Parks
- Parcels
- Subdivisions
- Streets
- County Boundaries
- Hydrology

Source: Mecklenburg and Union Counties GIS Map Printed Jan 09

N

0 600
Feet

NORTH CAROLINA Turnpike Authority

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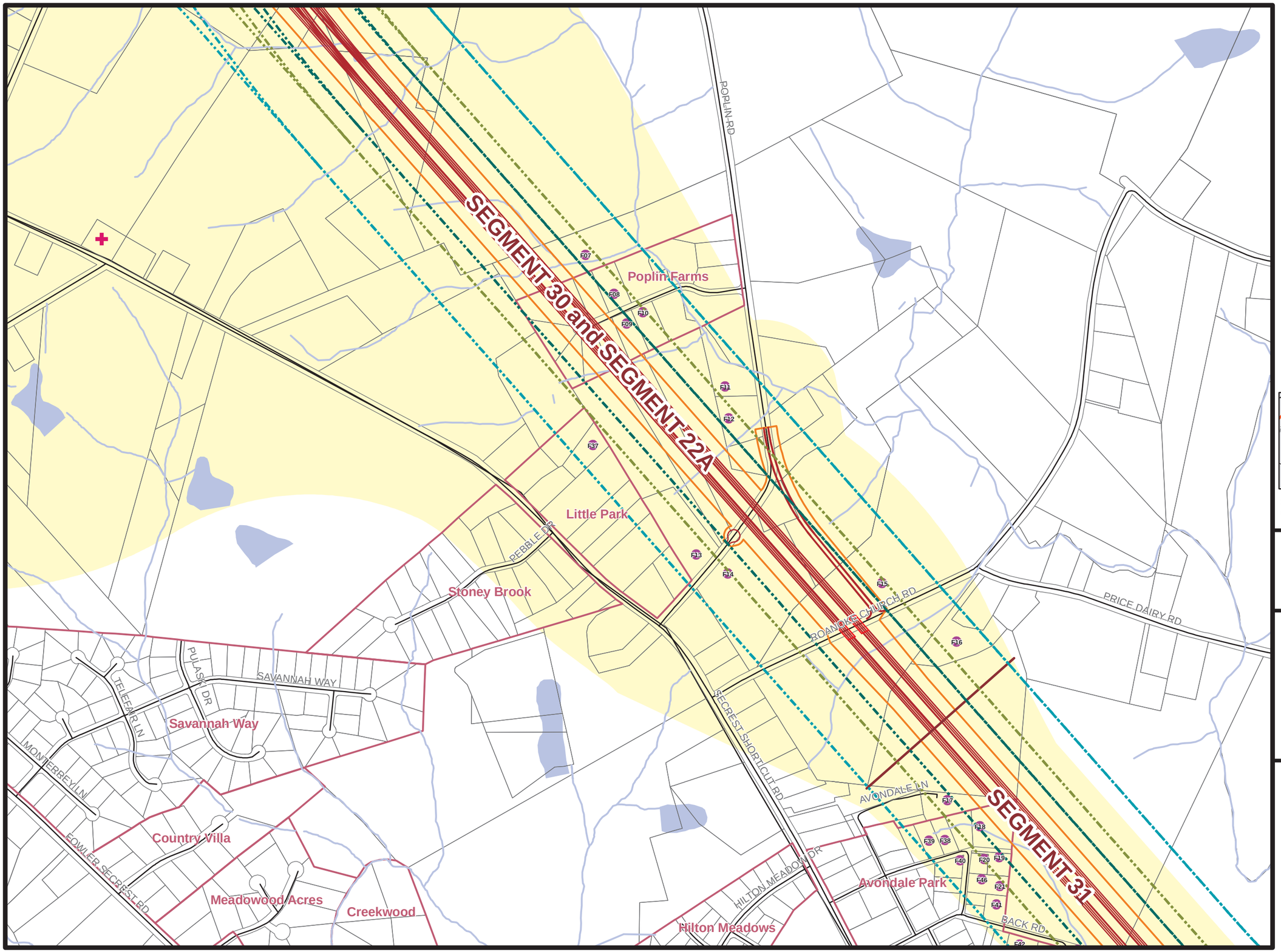
MONROE CONNECTOR/BYPASS

2035 NOISE CONTOURS and SENSITIVE RECEPTOR LOCATIONS

Figure D- 6

AppD_2030NoiseContours&Receptors.mxd AKH 01.14.09



Legend

Noise Receptors

- Church/School
- Commercial
- Residential
- 60dBA Leq.
- 66dBA Leq.
- 71dBA Leq.
- Functional Road Design
- Roadway Bridge
- Segment Breaklines
- Detailed Study Area
- Cemetery
- Church
- Library
- Schools
- Parks
- Parcels
- Subdivisions
- Streets
- County Boundaries
- Hydrology

Source: Mecklenburg and Union Counties GIS Map Printed Jan 09

N

0 600
Feet

NORTH CAROLINA Turnpike Authority

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Mecklenburg County
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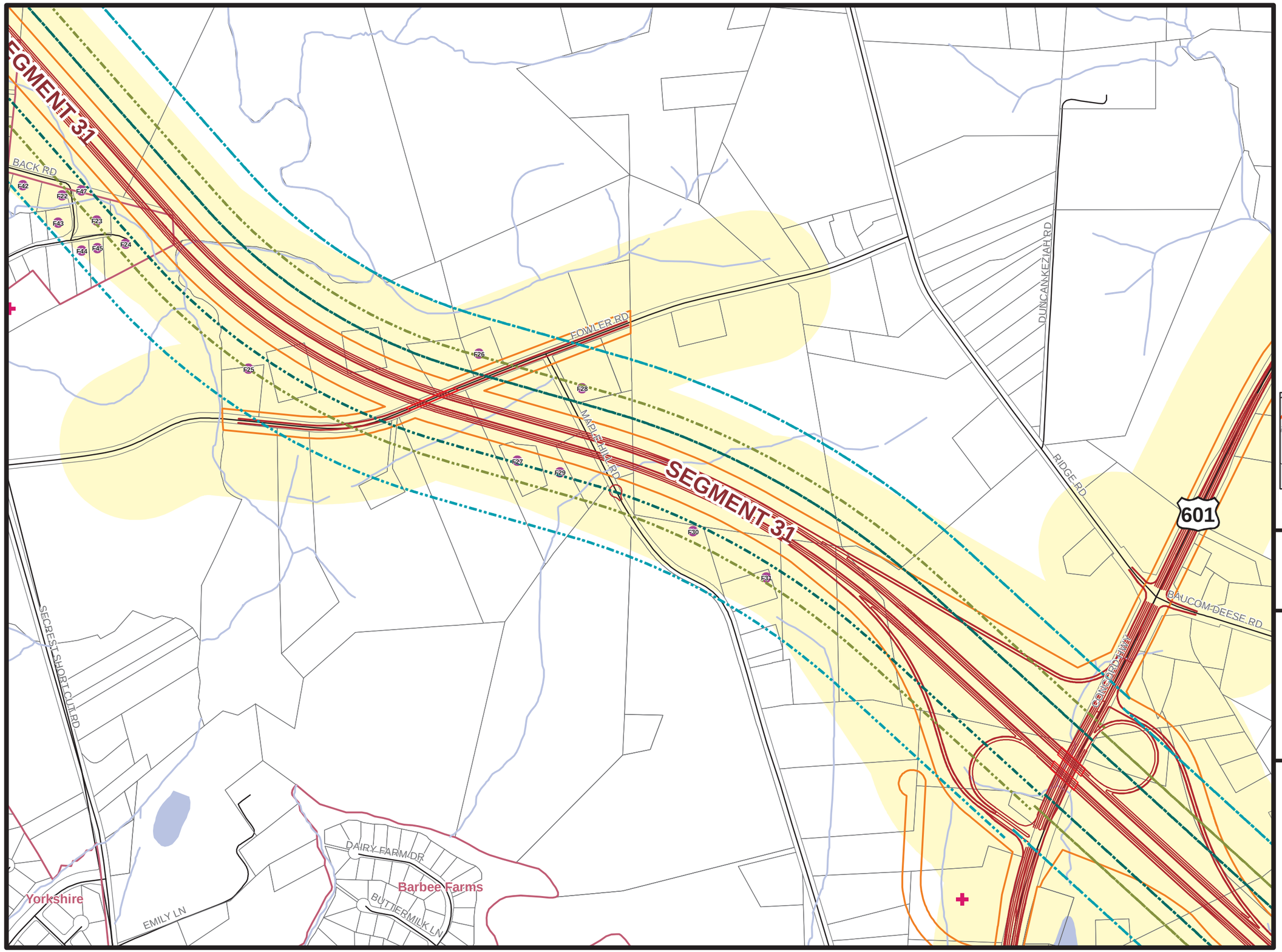
2035 NOISE CONTOURS and SENSITIVE RECEPTOR LOCATIONS

Figure D- 7

AppD_2030NoiseContours&Receptors.mxd AKH 01.14.09



Legend

Noise Receptors

- Church/School
- Commercial
- Residential
- 60dBA Leq.
- 66dBA Leq.
- 71dBA Leq.
- Functional Road Design
- Roadway Bridge
- Segment Breaklines
- Detailed Study Area
- Cemetery
- Church
- Library
- Schools
- Parks
- Parcels
- Subdivisions
- Streets
- County Boundaries
- Hydrology

Source: Mecklenburg and Union Counties GIS Map Printed Jan 09

N

0 600
Feet

NORTH CAROLINA Turnpike Authority

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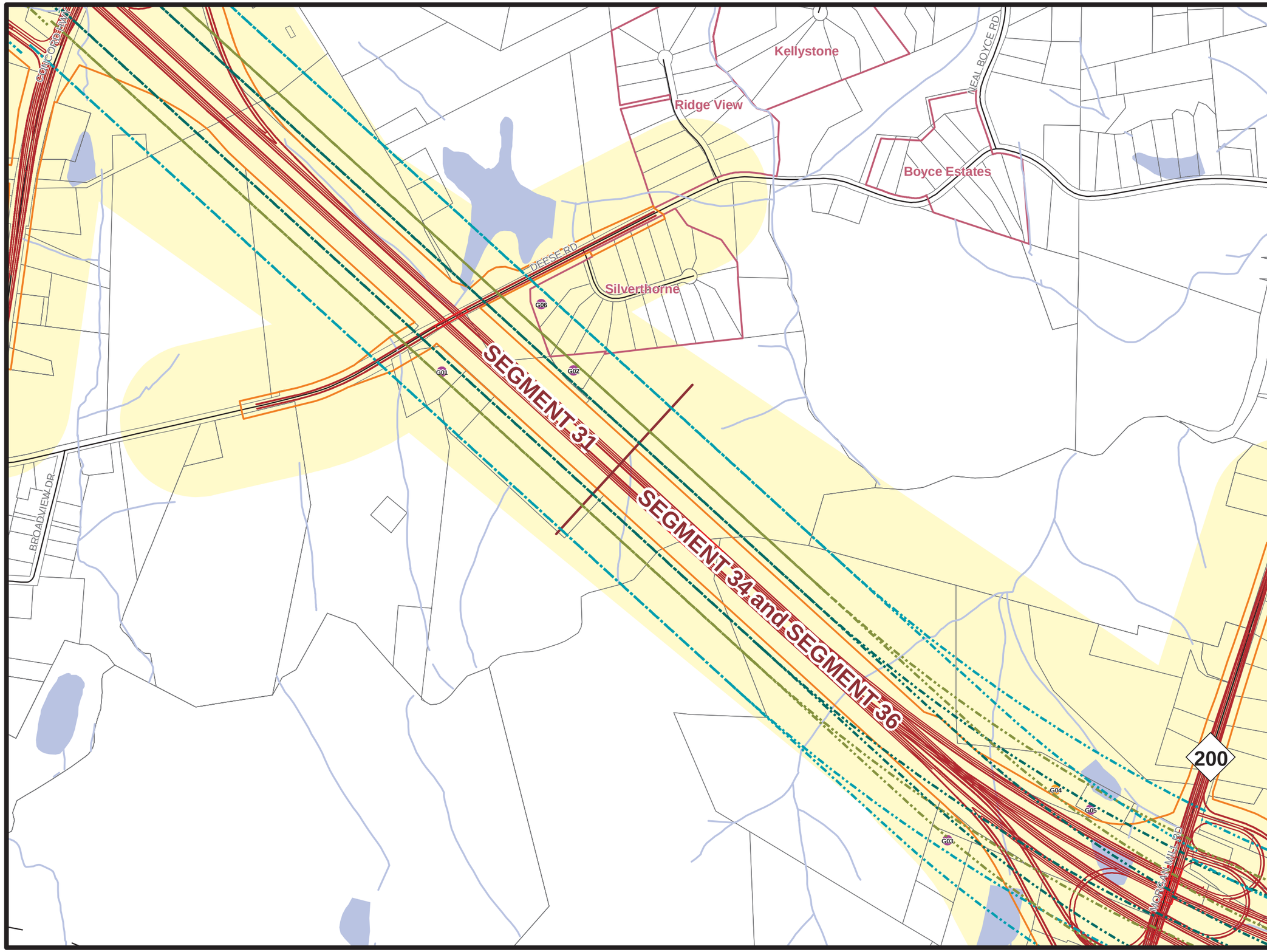
MONROE CONNECTOR/BYPASS

2035 NOISE CONTOURS and SENSITIVE RECEPTOR LOCATIONS

Figure D- 8

AppD_2030NoiseContours&Receptors.mxd AKH 01.14.09



Legend

Noise Receptors

- Church/School
- Commercial
- Residential
- 60dBA Leq.
- 66dBA Leq.
- 71dBA Leq.
- Functional Road Design
- Roadway Bridge
- Segment Breaklines
- Detailed Study Area
- Cemetery
- Church
- Library
- Schools
- Parks
- Parcels
- Subdivisions
- Streets
- County Boundaries
- Hydrology

Source: Mecklenburg and Union Counties GIS Map Printed Jan 09

N

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Feet

NORTH CAROLINA Turnpike Authority

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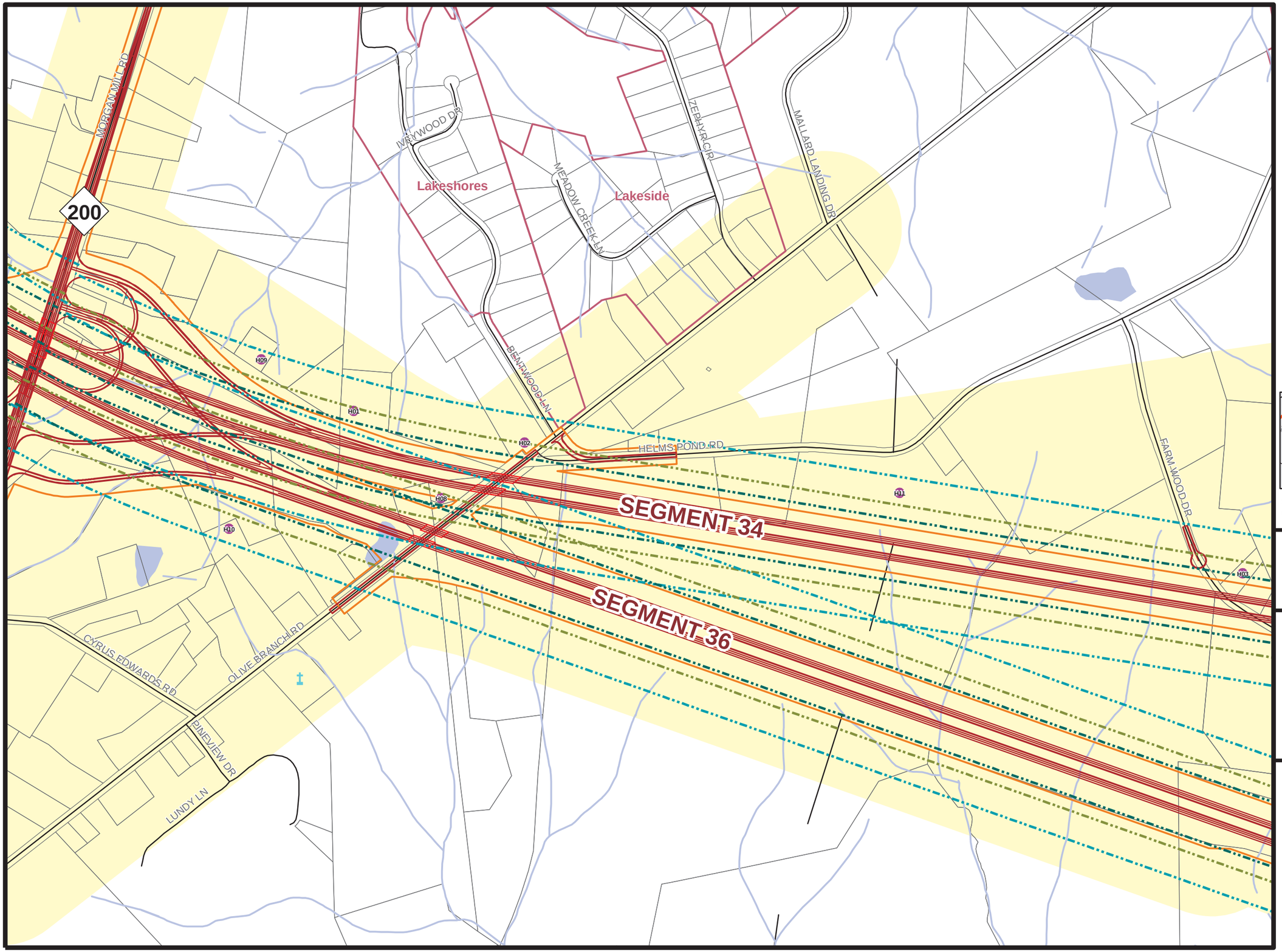
2035 NOISE CONTOURS and SENSITIVE RECEPTOR LOCATIONS

Figure D- 9

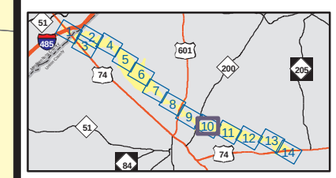
AppD_2030NoiseContours&Receptors.mxd AKH 01.14.09



Legend

Noise Receptors

- Church/School
- Commercial
- Residential
- 60dBA Leq.
- 66dBA Leq.
- 71dBA Leq.
- Functional Road Design
- Roadway Bridge
- Segment Breaklines
- Detailed Study Area
- Cemetery
- Church
- Library
- Schools
- Parks
- Parcels
- Subdivisions
- Streets
- County Boundaries
- Hydrology



Source: Mecklenburg and Union Counties GIS Map Printed Jan 09

N

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Feet

NORTH CAROLINA Turnpike Authority

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Mecklenburg County
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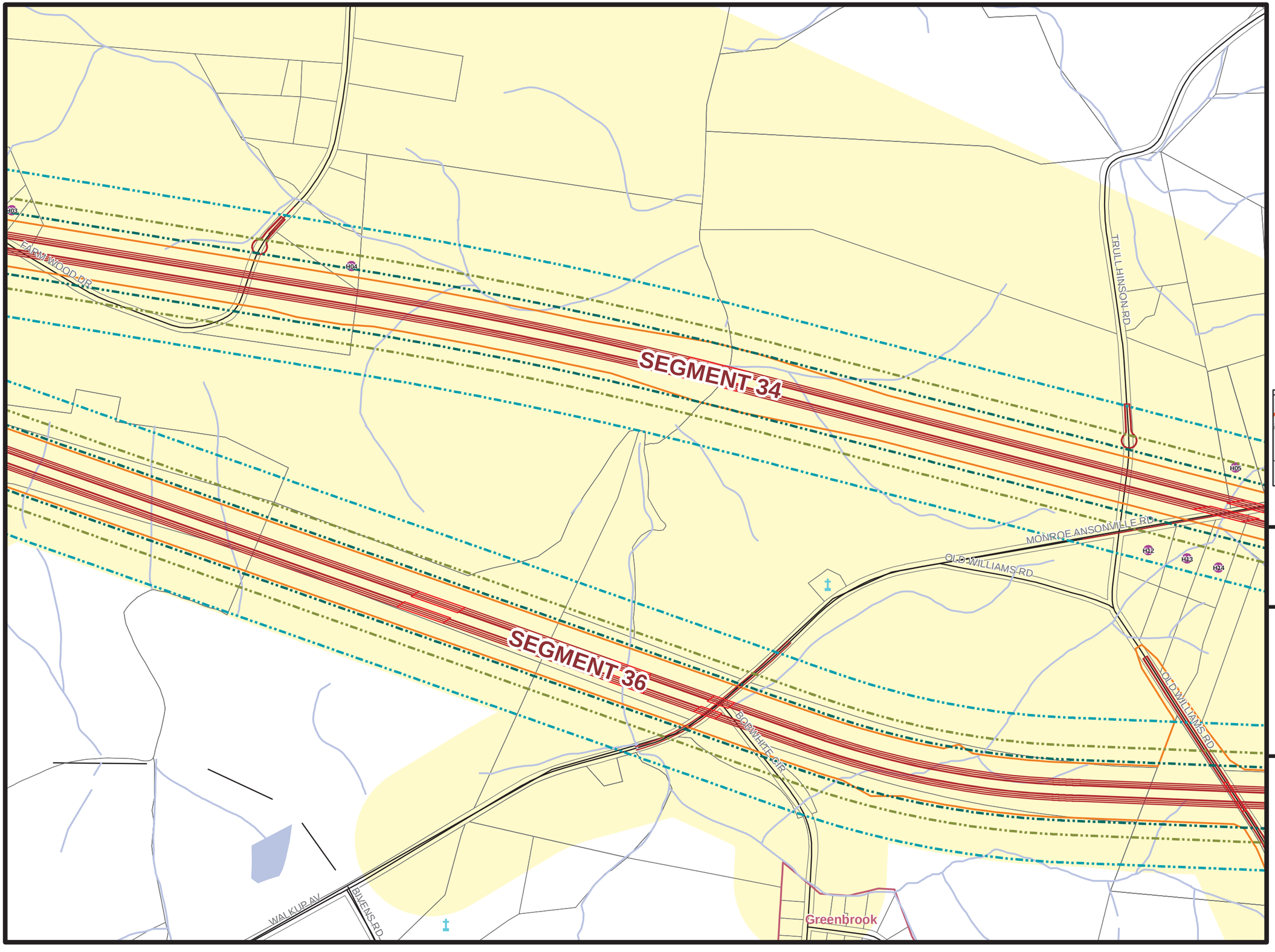
MONROE CONNECTOR/BYPASS

2035 NOISE CONTOURS and SENSITIVE RECEPTOR LOCATIONS

Figure D-10

AppD_2030NoiseContours&Receptors.mxd AKH 01.14.09



Legend

Noise Receptors

- Church/School
- Commercial
- Residential
- 60dBA Leq.
- 66dBA Leq.
- 71dBA Leq.
- Functional Road Design
- Roadway Bridge
- Segment Breaklines
- Detailed Study Area
- Cemetery
- Church
- Library
- Schools
- Parks
- Parcels
- Subdivisions
- Streets
- County Boundaries
- Hydrology

Source: Mecklenburg and Union Counties GIS Map Printed Jan 09

N

0 600
Feet

NORTH CAROLINA Turnpike Authority

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and Union County

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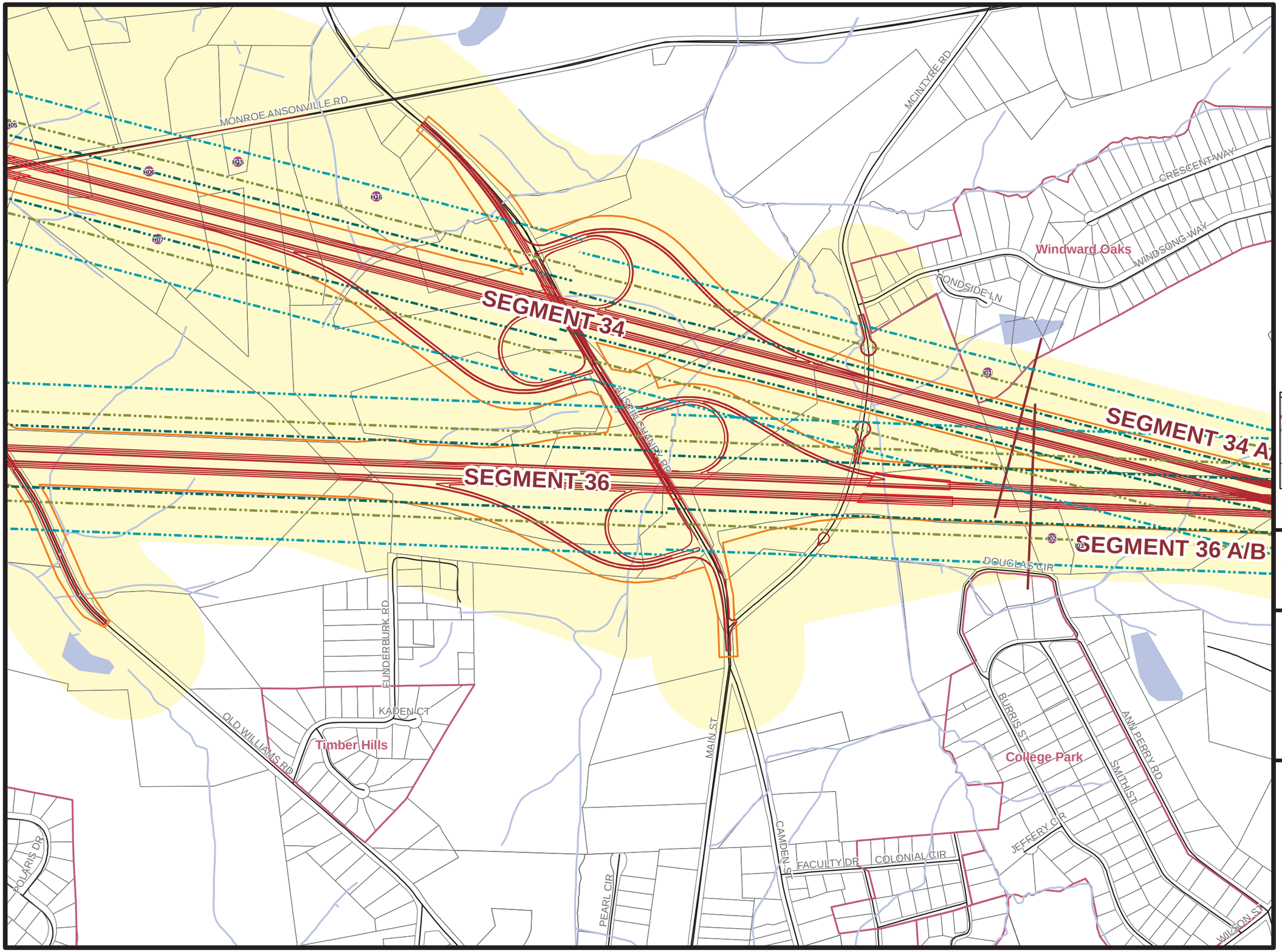
2035 NOISE CONTOURS and SENSITIVE RECEPTOR LOCATIONS

Figure D-11

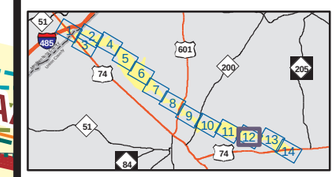
AppD_2030NoiseContours&Receptors.mxd AKH 01.14.09



Legend

Noise Receptors

- Church/School
- Commercial
- Residential
- 60dBA Leq.
- 66dBA Leq.
- 71dBA Leq.
- Functional Road Design
- Roadway Bridge
- Segment Breaklines
- Detailed Study Area
- Cemetery
- Church
- Library
- Schools
- Parks
- Parcels
- Subdivisions
- Streets
- County Boundaries
- Hydrology



Source: Mecklenburg and Union Counties GIS Map Printed Jan 09

N

0 600
Feet

NORTH CAROLINA Turnpike Authority

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NO. R-3329 & R-2559

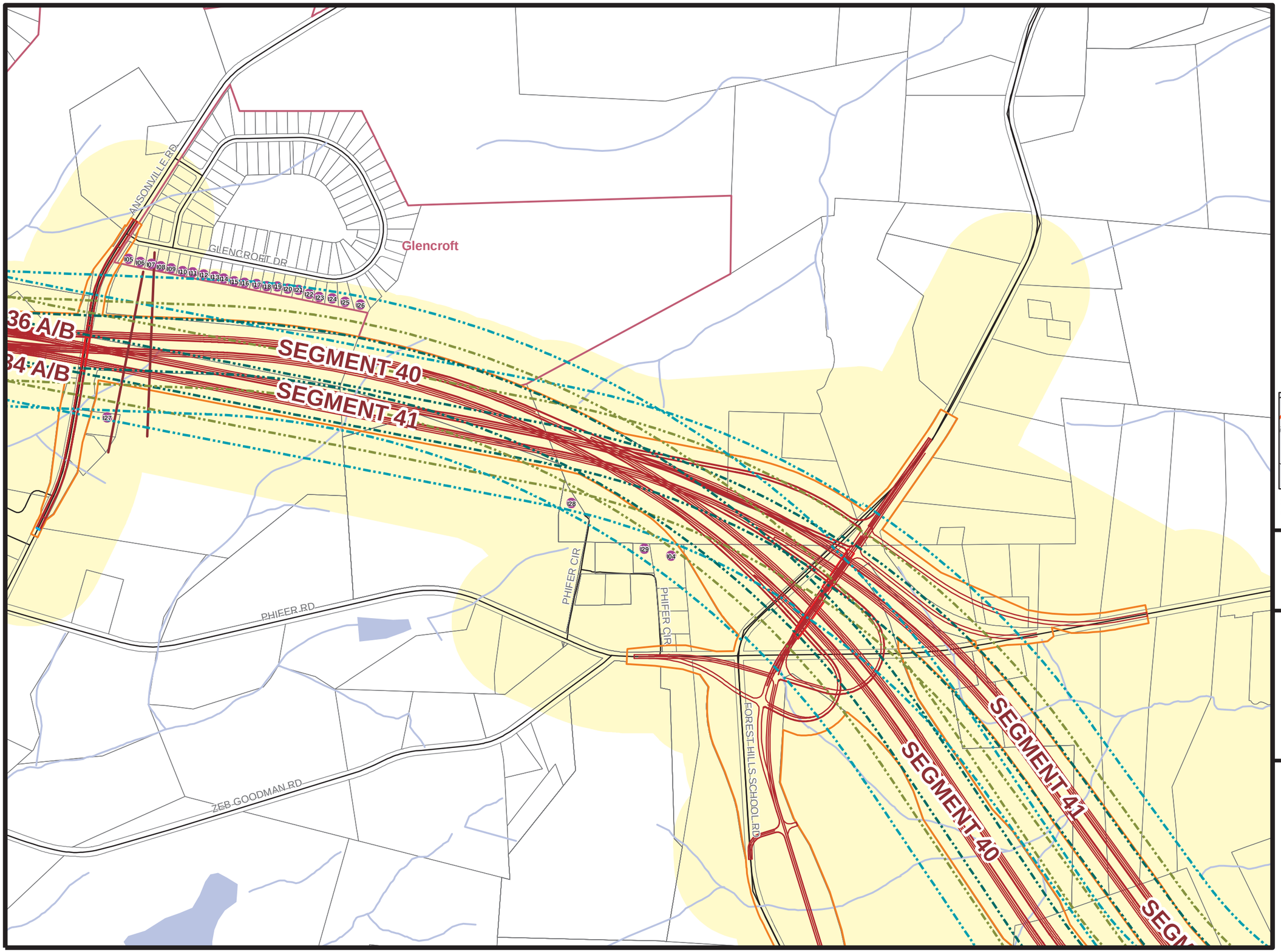
Mecklenburg County
and Union County

MONROE CONNECTOR/BYPASS

2035 NOISE CONTOURS and SENSITIVE RECEPTOR LOCATIONS

Figure D-12

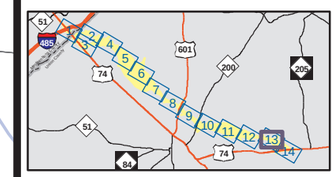
AppD_2030NoiseContours&Receptors.mxd AKH 01.14.09



Legend

Noise Receptors

- Church/School
- Commercial
- Residential
- 60dBA Leq.
- 66dBA Leq.
- 71dBA Leq.
- Functional Road Design
- Roadway Bridge
- Segment Breaklines
- Detailed Study Area
- Cemetery
- Church
- Library
- Schools
- Parks
- Parcels
- Subdivisions
- Streets
- County Boundaries
- Hydrology



Source: Mecklenburg and Union Counties GIS Map Printed Jan 09

N

0 600
Feet

NORTH CAROLINA Turnpike Authority

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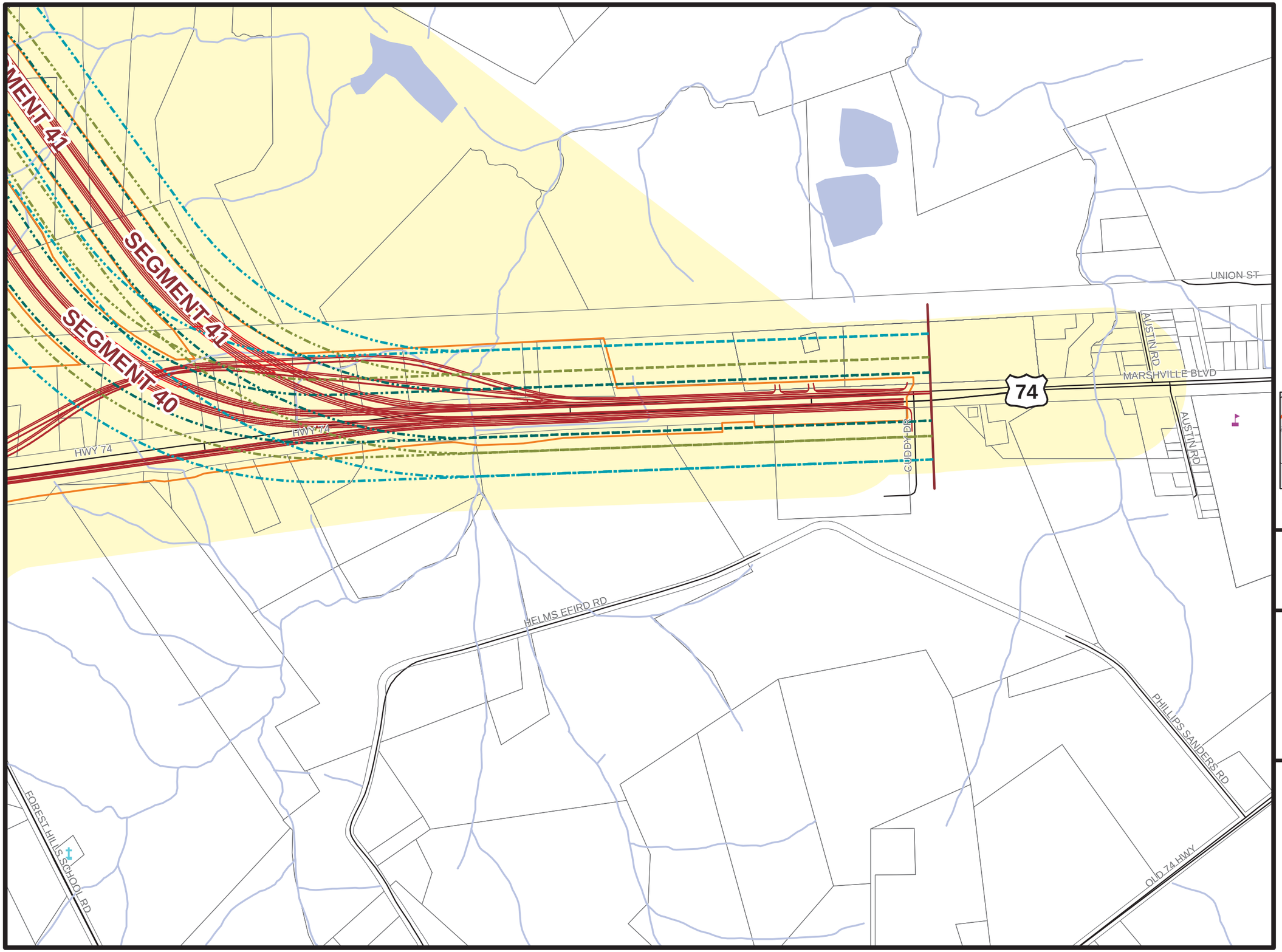
Mecklenburg County
and Union County

MONROE CONNECTOR/BYPASS

2035 NOISE CONTOURS and SENSITIVE RECEPTOR LOCATIONS

Figure D-13

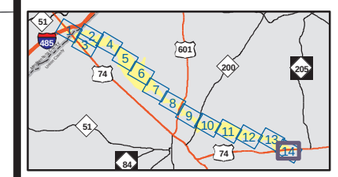
AppD_2030NoiseContours&Receptors.mxd AKH 01.14.09



Legend

Noise Receptors

- Church/School
- Commercial
- Residential
- 60dBA Leq.
- 66dBA Leq.
- 71dBA Leq.
- Functional Road Design
- Roadway Bridge
- Segment Breaklines
- Detailed Study Area
- Cemetery
- Church
- Library
- Schools
- Parks
- Parcels
- Subdivisions
- Streets
- County Boundaries
- Hydrology



Source: Mecklenburg and Union Counties GIS Map Printed Jan 09

N

0 600
Feet

NORTH CAROLINA Turnpike Authority

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NO. R-3329 & R-2559

Mecklenburg County
and Union County

MONROE CONNECTOR/BYPASS

2035 NOISE CONTOURS and SENSITIVE RECEPTOR LOCATIONS

Figure D-14

AppD_2030NoiseContours&Receptors.mxd AKH 01.14.09