

## **Appendix A: Graphics (2048 Build Alternative)**





**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers  
Segment A**

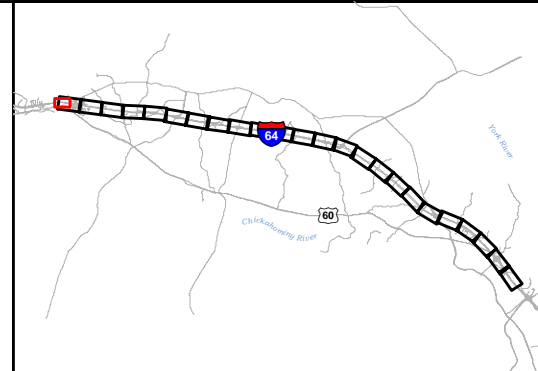
Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234

VDOT Project No.00064-800-25632396, UPC 109885

0 410 820  
Feet

Source:VDOT, VGIN

- Common Noise Environment
- Proposed Edge of Pavement
- County Boundary
- 500-ft Buffer
- Barrier Feasible, Not Reasonable
- Barrier Feasible and Reasonable
- Extension Analyzed, Not Included with Optimized Barrier
- 66 Decibel Contour Line
- Noise Measurement Site
- Multi-Family Receptor
- Modeled Noise Receptors**
- Impacted, Benefited
- Impacted, Not Benefited
- Not Impacted, Benefited
- Not Impacted, Not Benefited





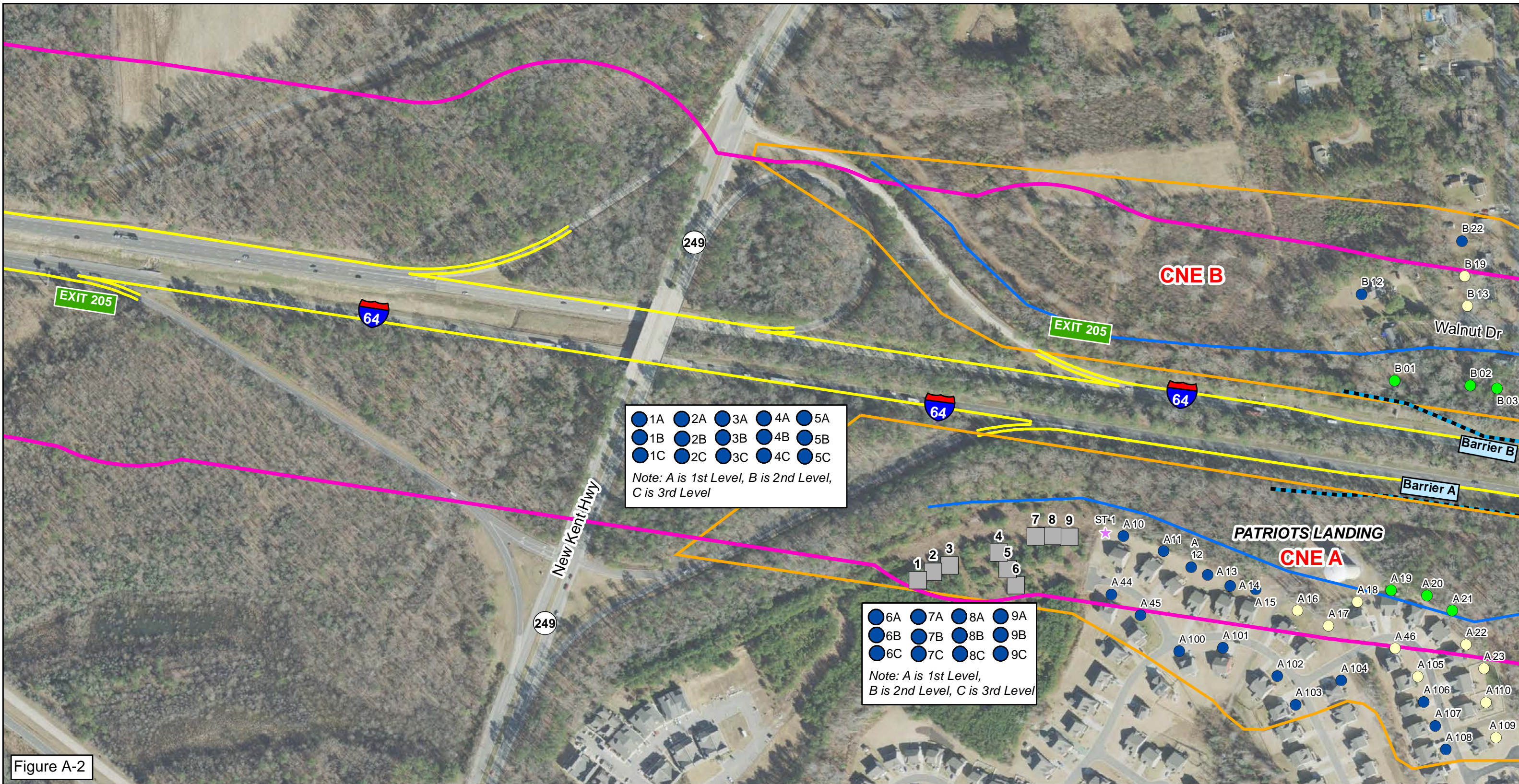


Figure A-2

# Interstate 64 Improvements Exit 205 to Exit 234

## Common Noise Environments, Noise Receptors and Proposed Barriers Segment A

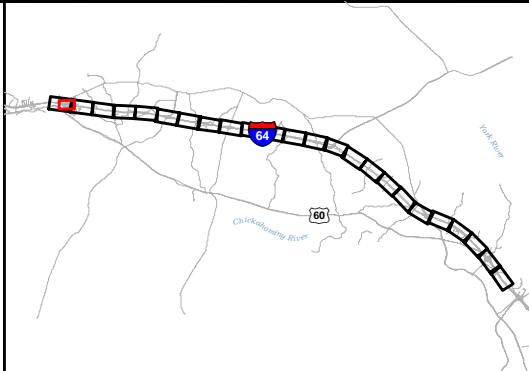
Virginia Department of Transportation  
 Interstate 64 Improvements: Exit 205 to Exit 234

VDOT Project No.00064-800-25632396, UPC 109885

0 400 800  
 Feet

Source:VDOT, VGIN

- Common Noise Environment
- Proposed Edge of Pavement
- County Boundary
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- Barrier Feasible and Reasonable
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- 66 Decibel Contour Line
- ★ Noise Measurement Site
- Multi-Family Receptor
- Modeled Noise Receptors**
- Impacted, Benefited
- Impacted, Not Benefited
- Not Impacted, Benefited
- Not Impacted, Not Benefited





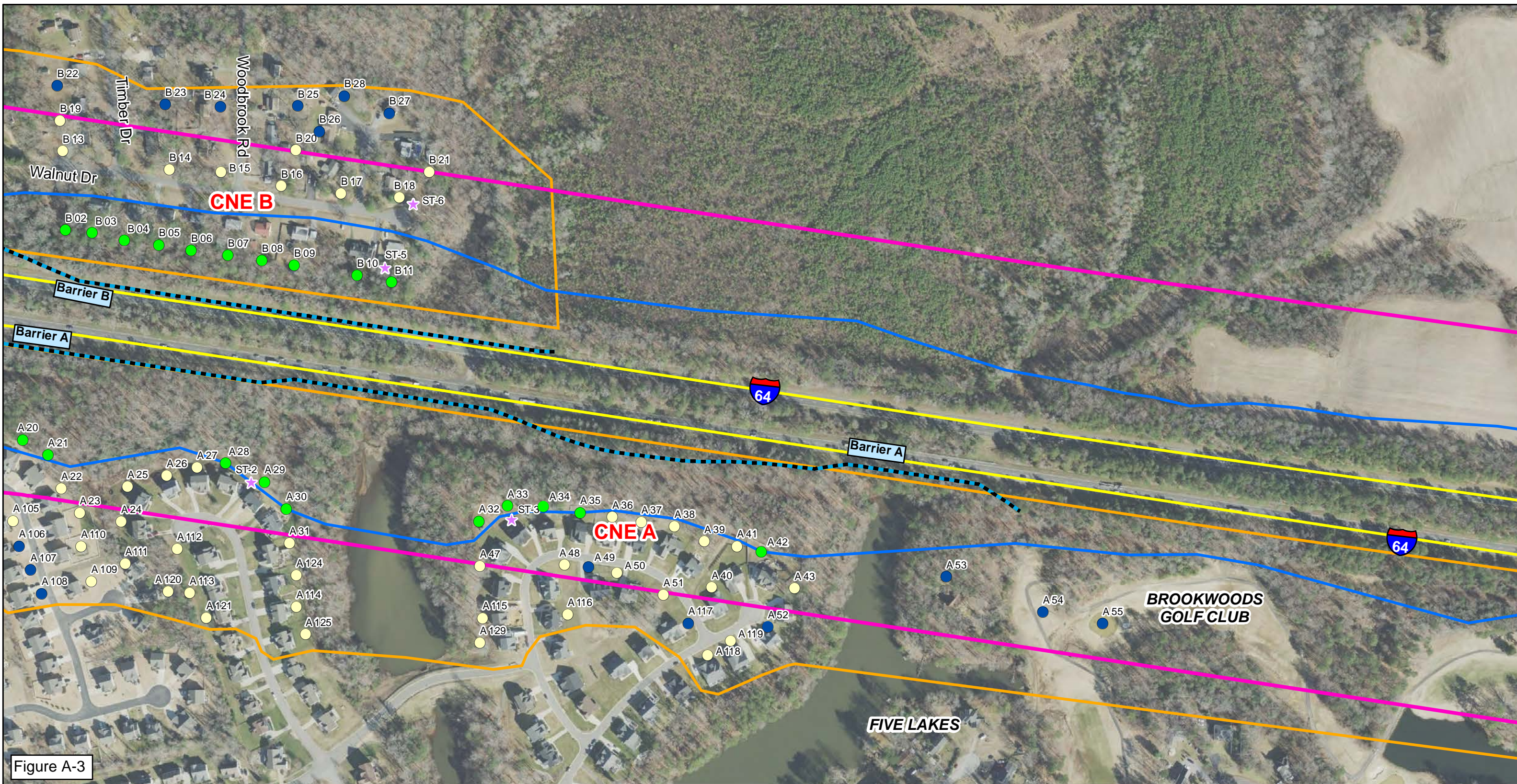


Figure A-3

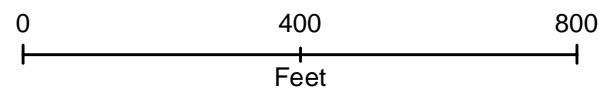
### Interstate 64 Improvements Exit 205 to Exit 234

## Common Noise Environments, Noise Receptors and Proposed Barriers Segment A

Virginia Department of Transportation

Interstate 64 Improvements: Exit 205 to Exit 234

VDOT Project No.00064-800-25632396, UPC 109885

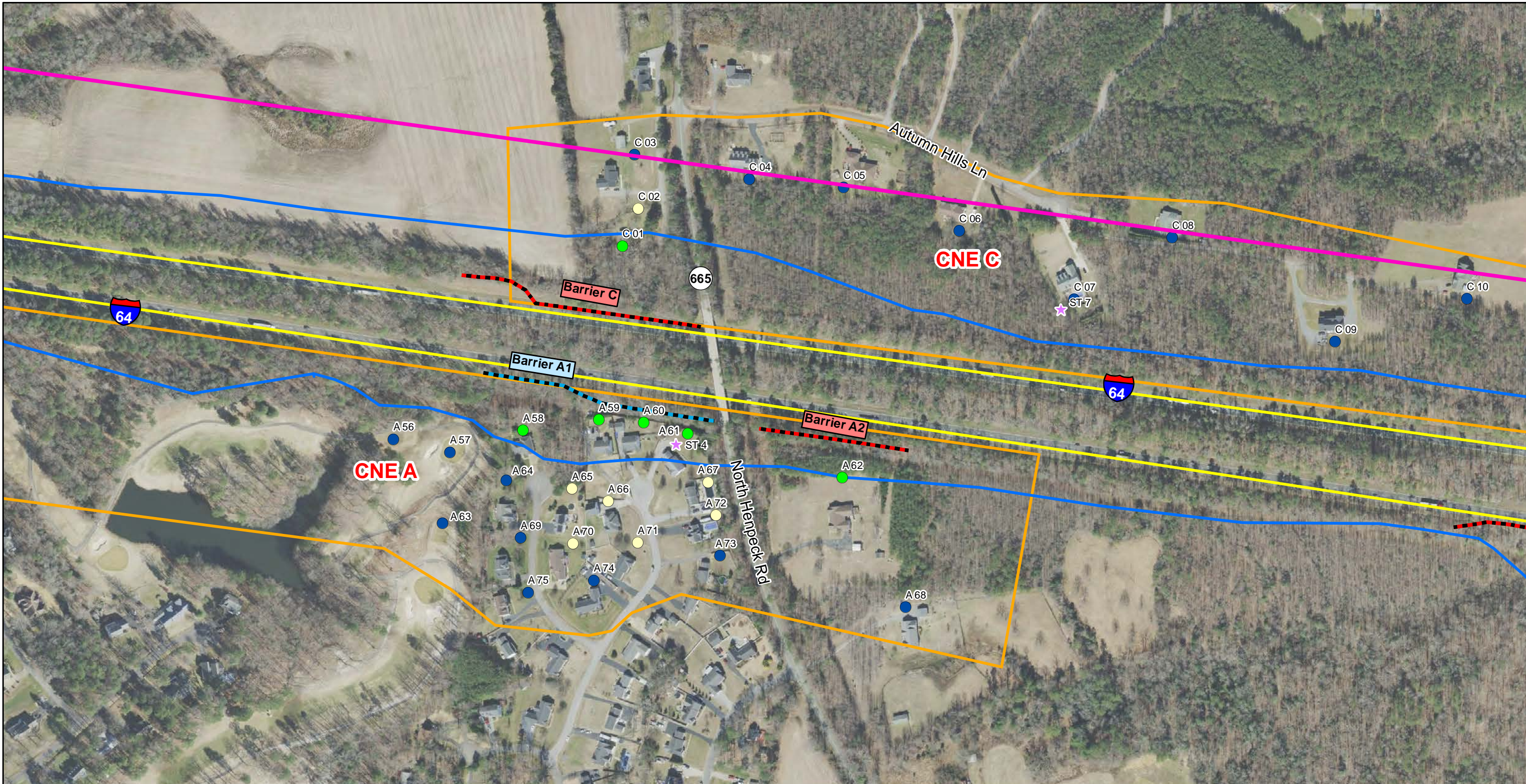


Source:VDOT, VGIN

- Common Noise Environment
- Proposed Edge of Pavement
- County Boundary
- 500-ft Buffer
- Barrier Feasible, Not Reasonable
- Barrier Feasible and Reasonable
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**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers  
Segment A**

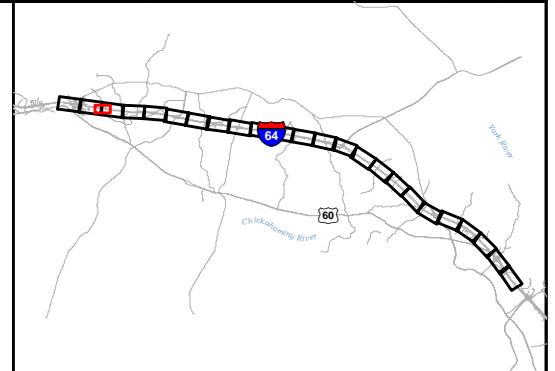
Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234

VDOT Project No.00064-800-25632396, UPC 109885

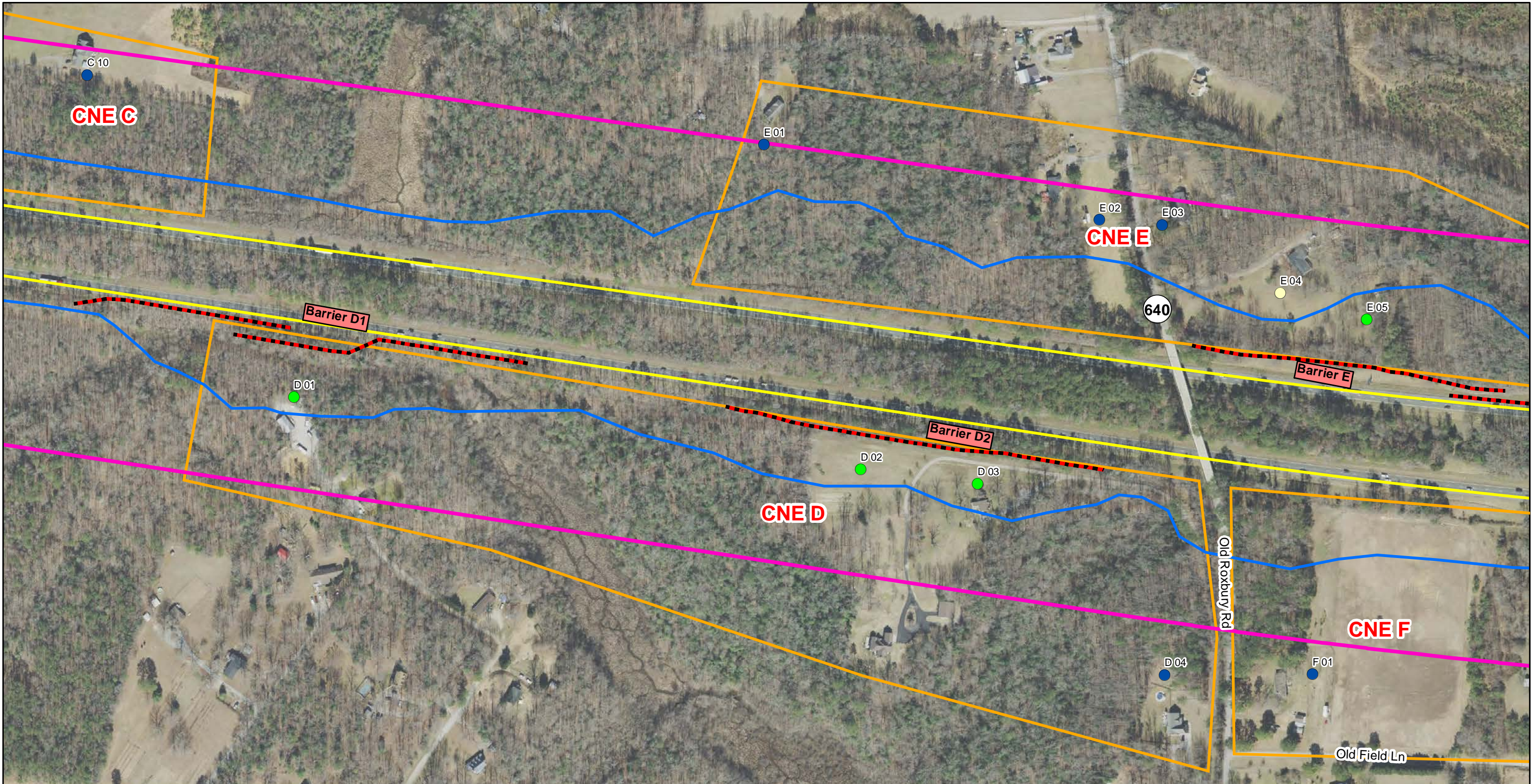
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Feet

Source:VDOT, VGIN

- Common Noise Environment
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**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers  
Segment A**

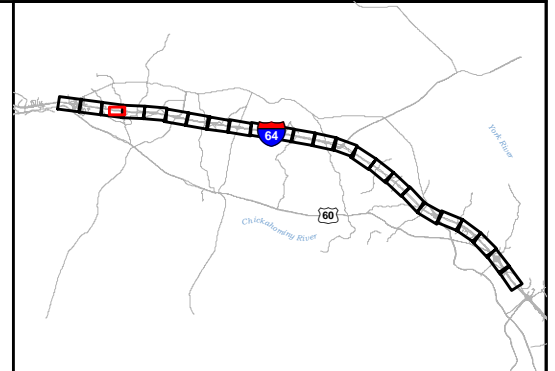
Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234

VDOT Project No.00064-800-25632396, UPC 109885

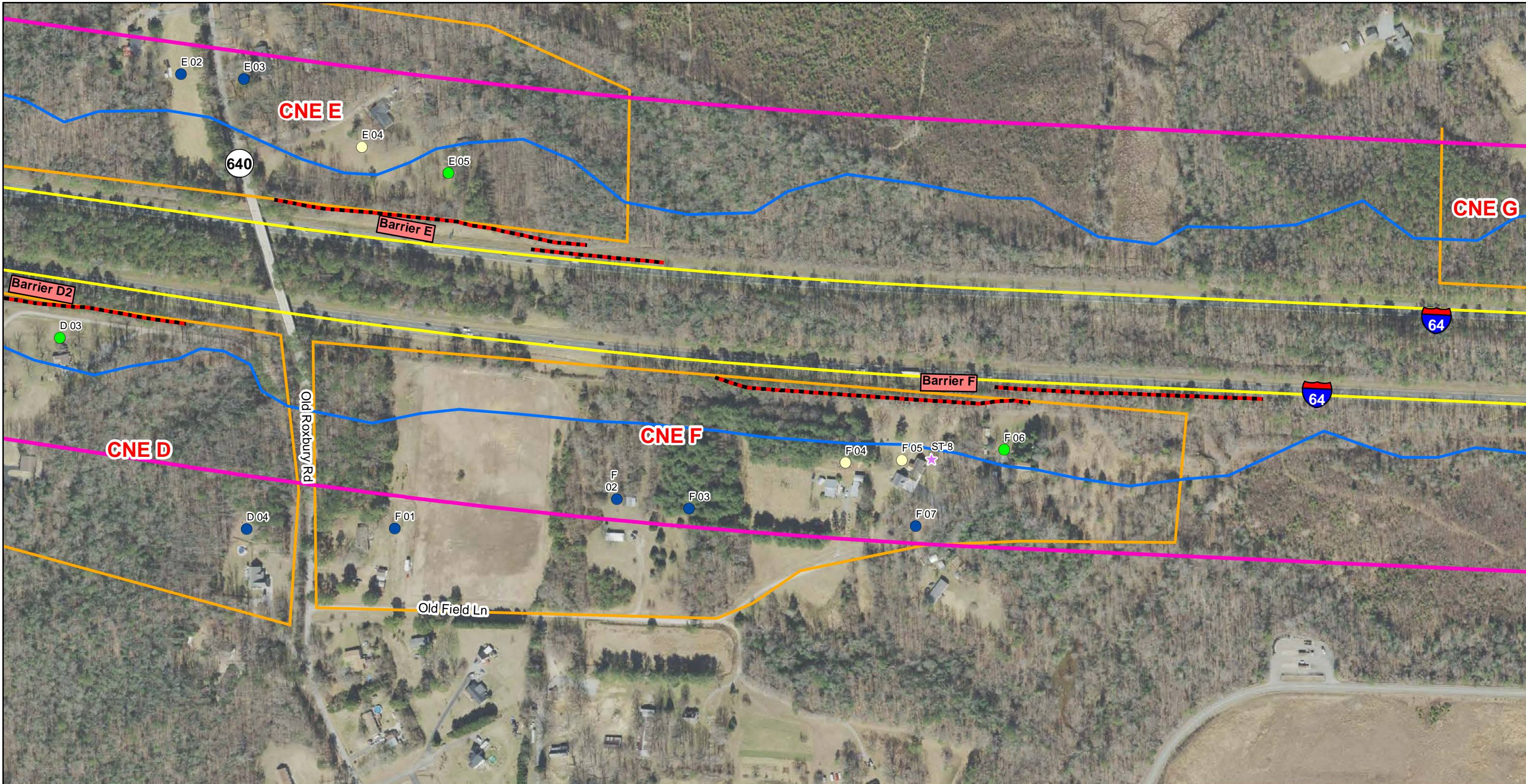
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**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
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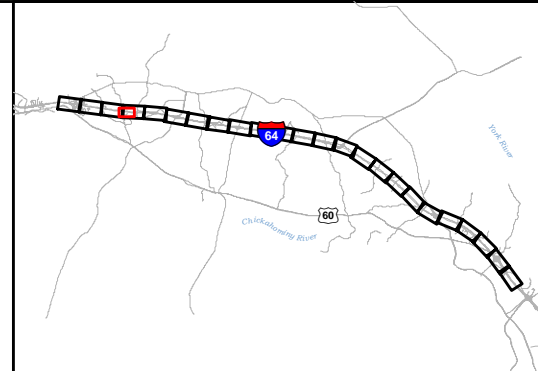
Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234

VDOT Project No.00064-800-25632396, UPC 109885

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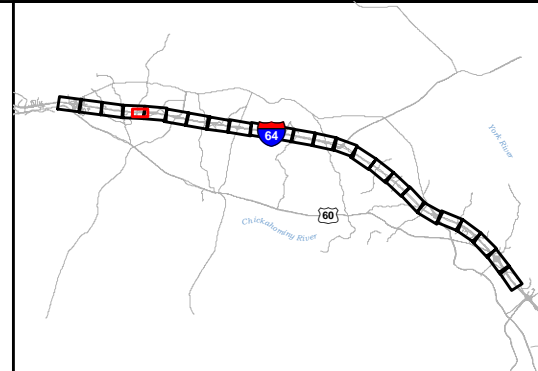
**Interstate 64 Improvements  
Exit 205 to Exit 234  
Common Noise Environments, Noise  
Receptors and Proposed Barriers  
Segment A**

Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234  
VDOT Project No.00064-800-25632396, UPC 109885

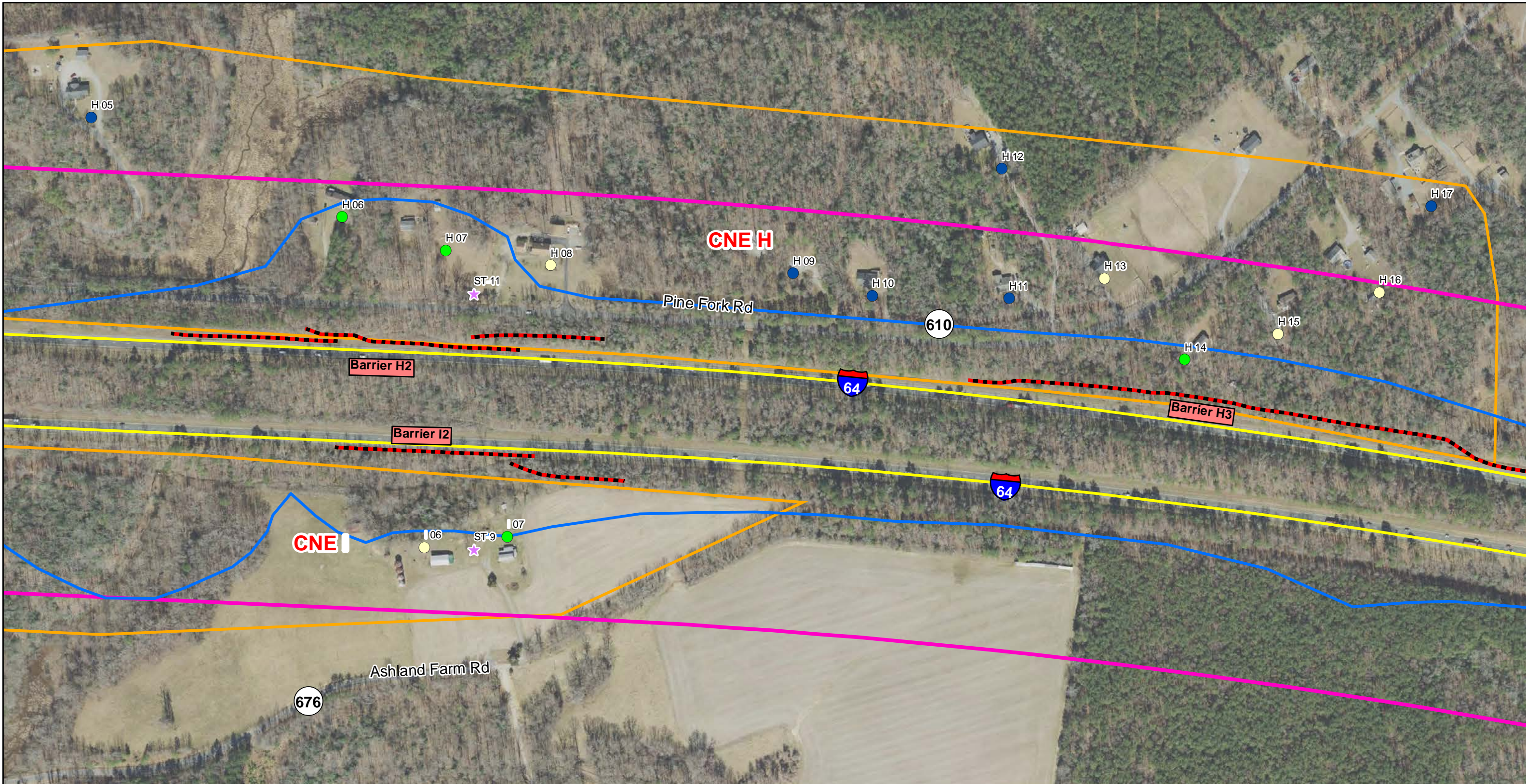
0 400 800  
Feet

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Exit 205 to Exit 234**

**Common Noise Environments, Noise  
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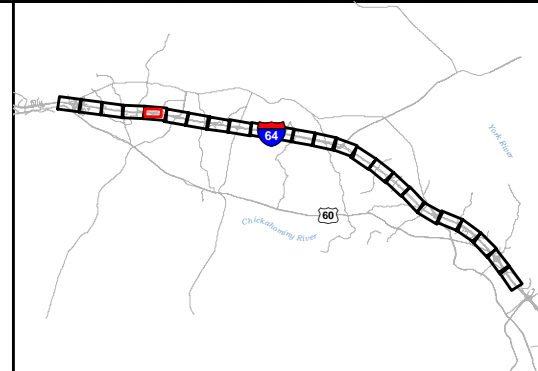
Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234

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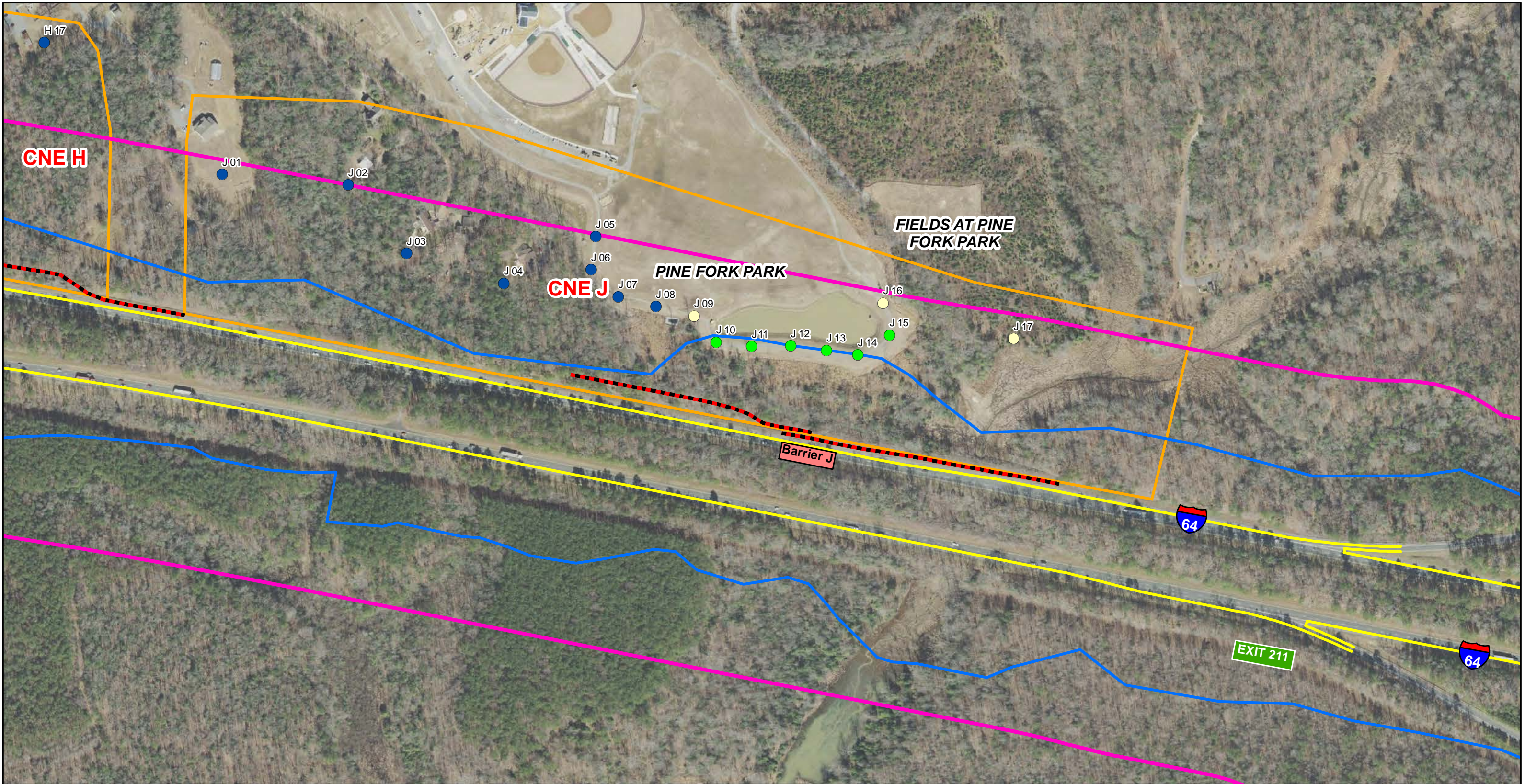
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Feet

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**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers  
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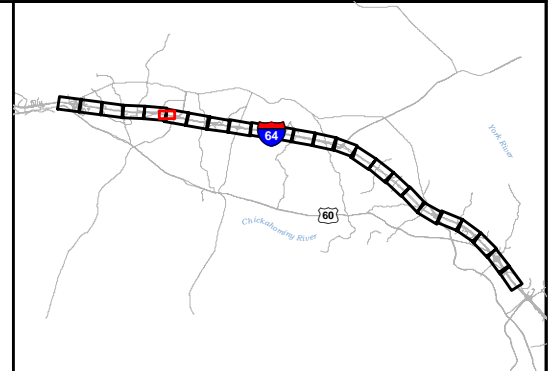
Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234

VDOT Project No.00064-800-25632396, UPC 109885

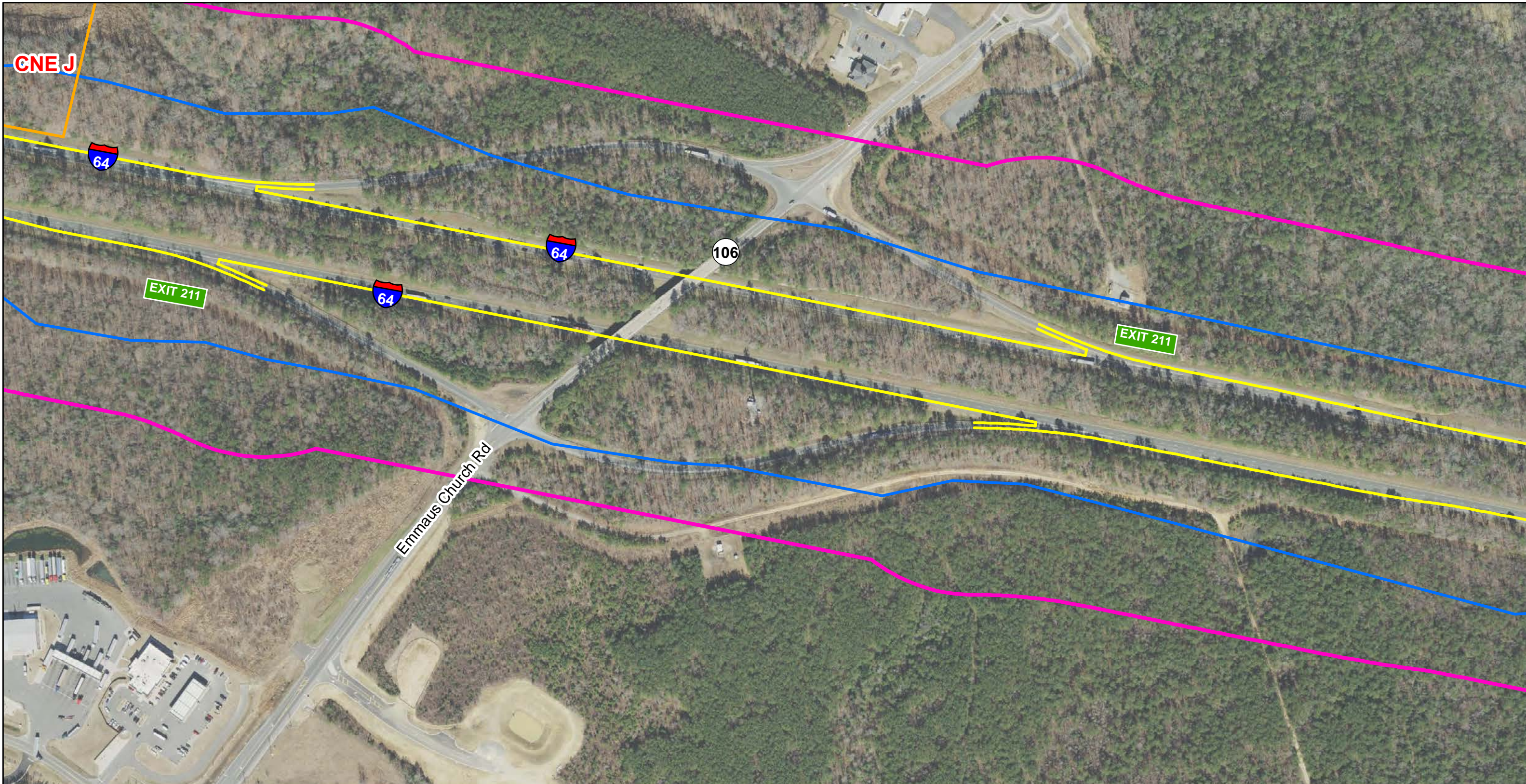
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Feet

Source:VDOT, VGIN

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**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers**

**Segment A**

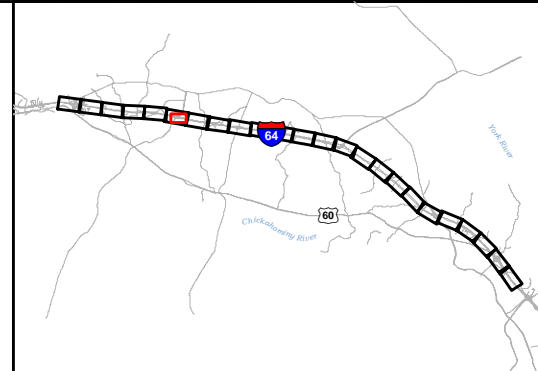
Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234

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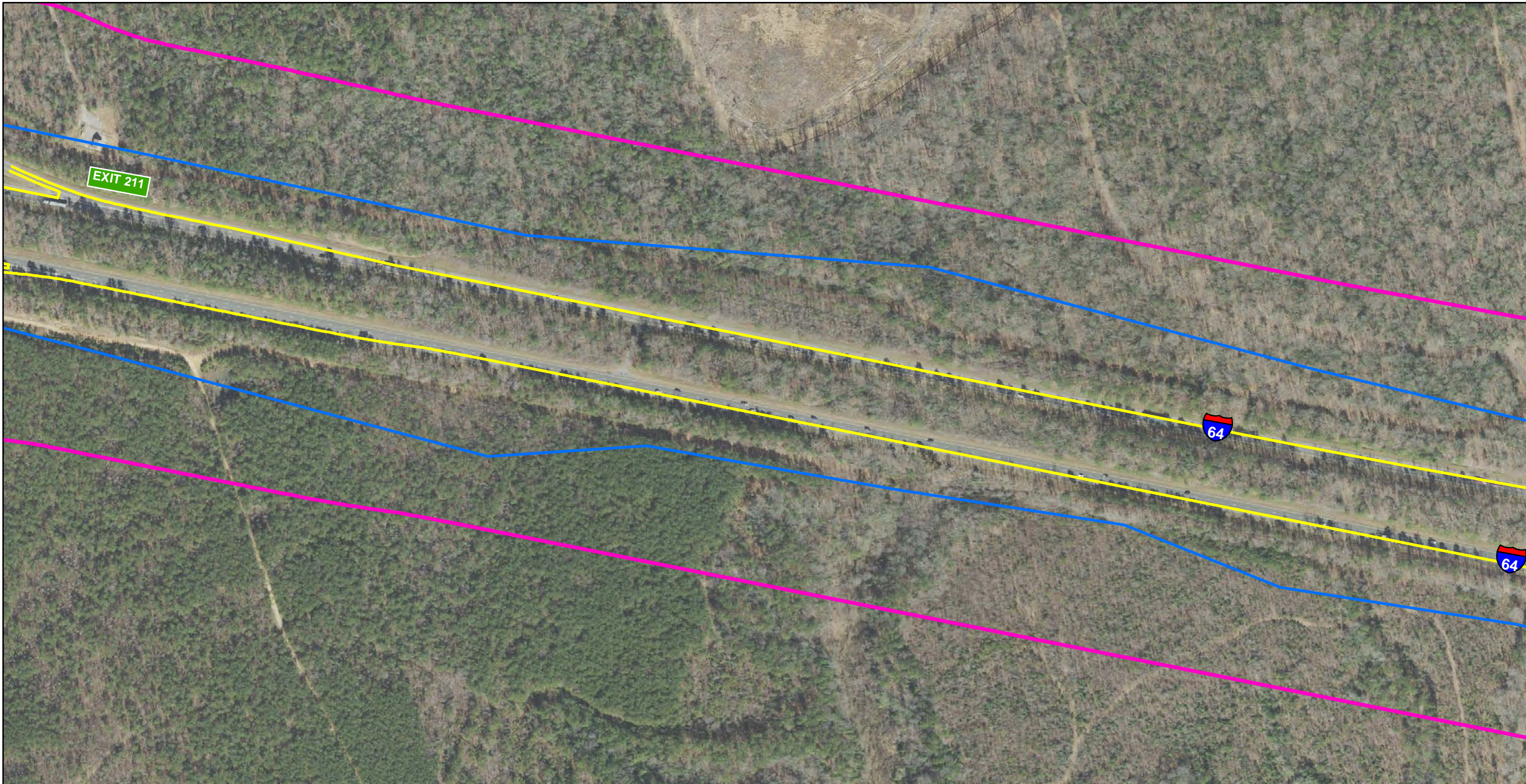
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Feet

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**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers**

**Segment A**

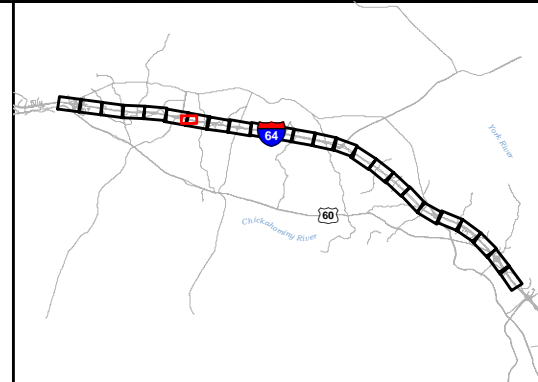
Virginia Department of Transportation  
 Interstate 64 Improvements: Exit 205 to Exit 234

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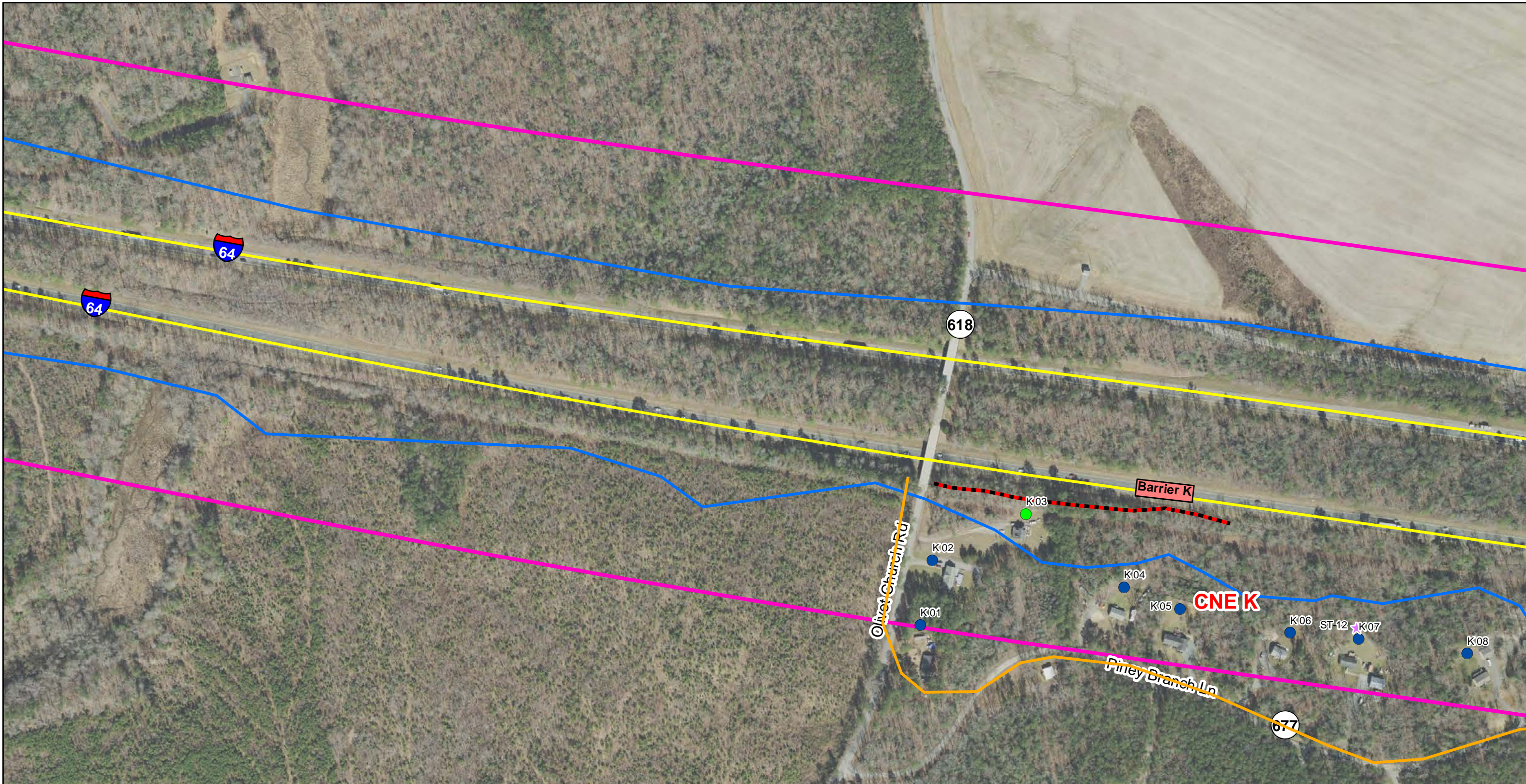
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 Feet

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**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers**

**Segment A**

Virginia Department of Transportation

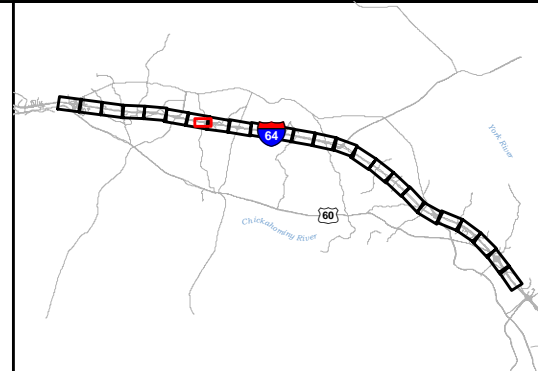
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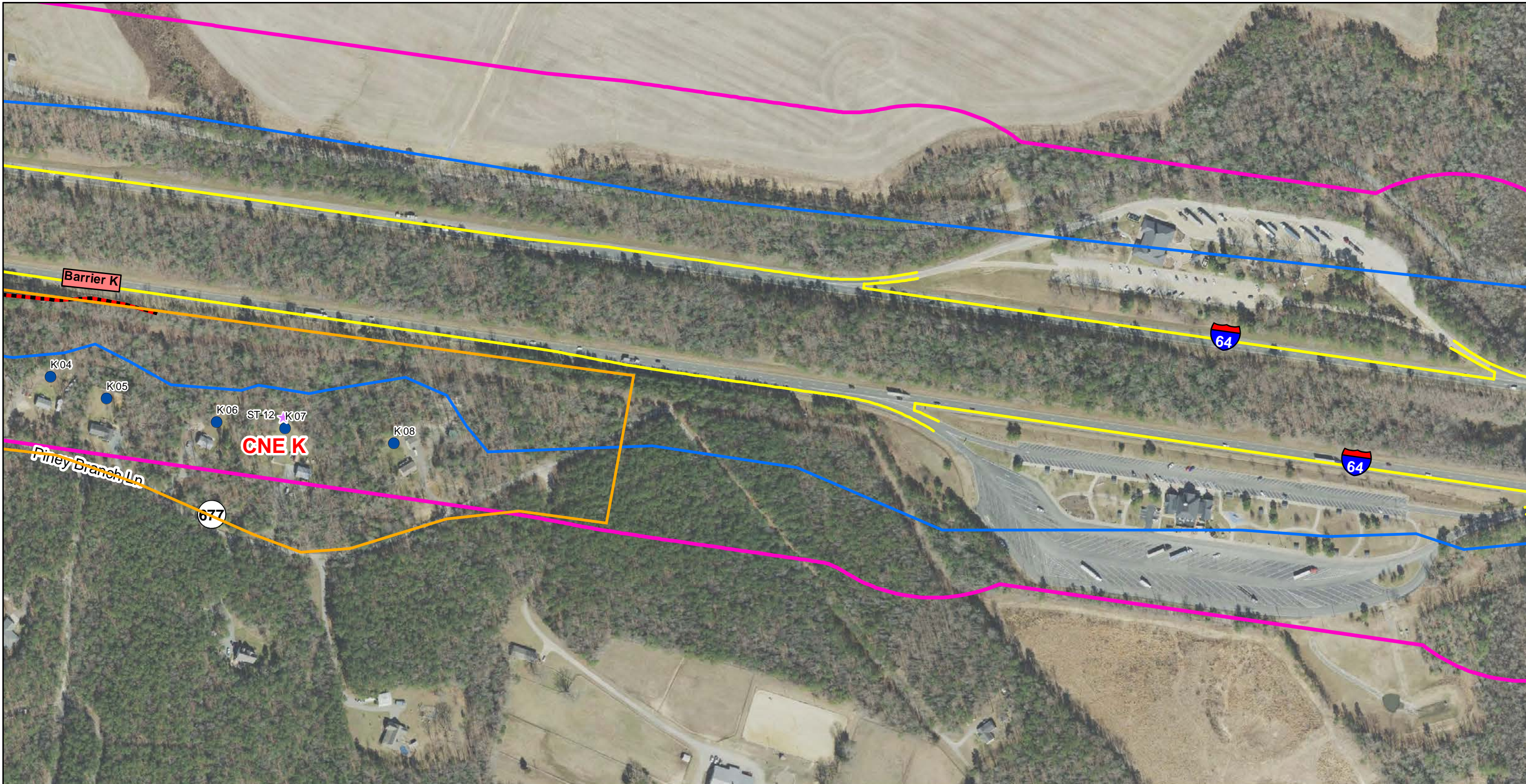
0 400 800  
Feet

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**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers  
Segment A**

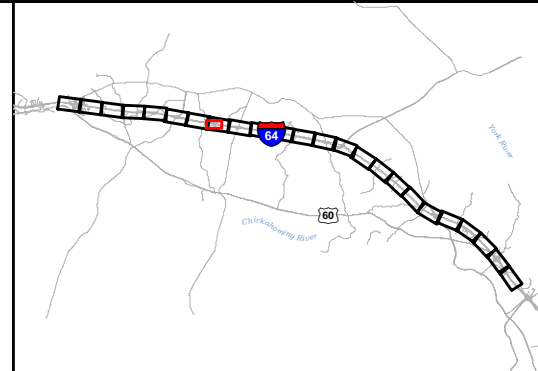
Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234

VDOT Project No.00064-800-25632396, UPC 109885

0 400 800  
Feet

Source:VDOT, VGIN

- Common Noise Environment
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**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers**

**Segment A**

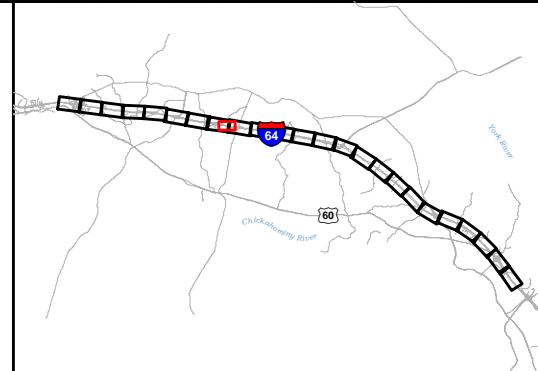
Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234

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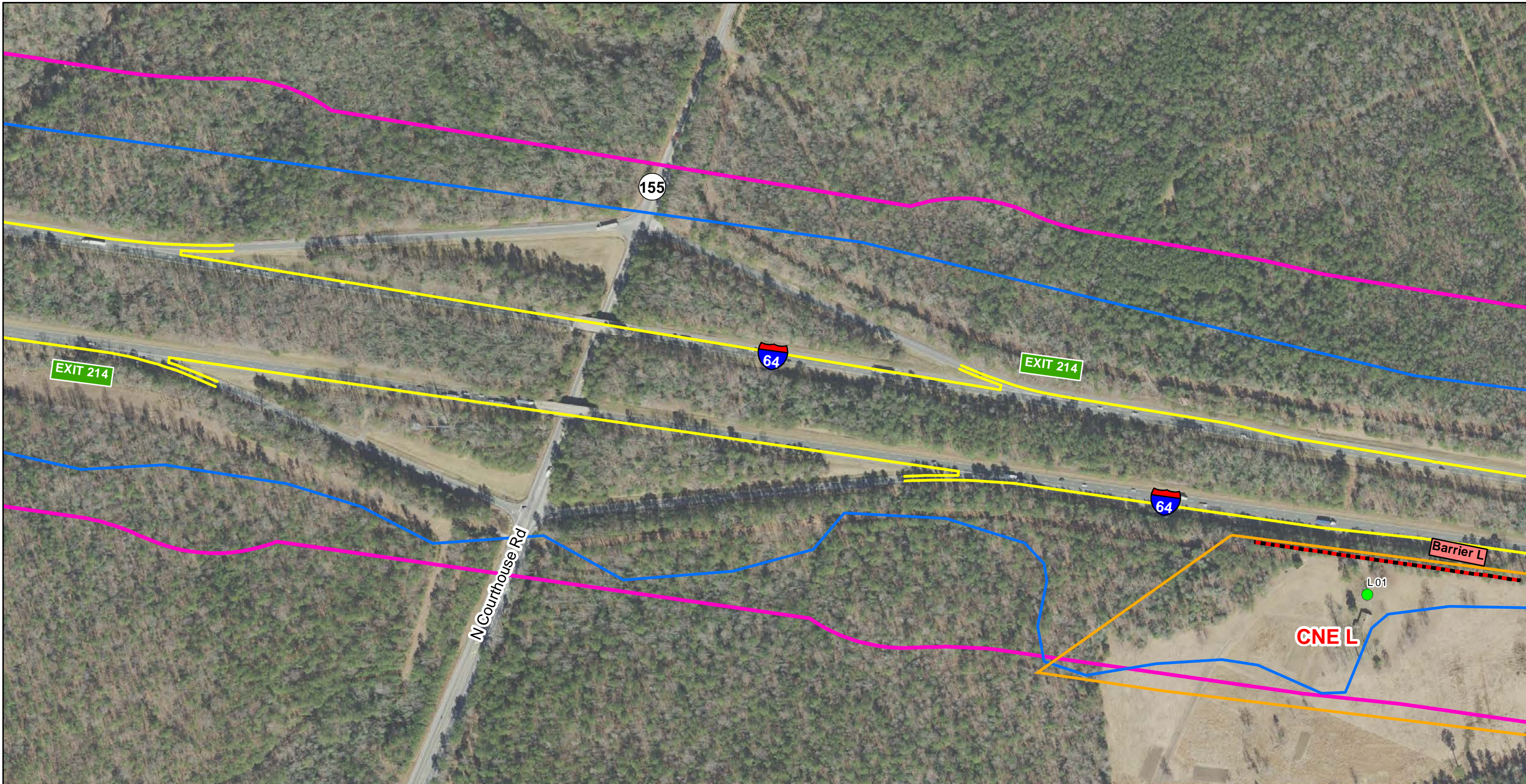
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Feet

Source:VDOT, VGIN

- Common Noise Environment
  - Proposed Edge of Pavement
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**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers  
Segment A**

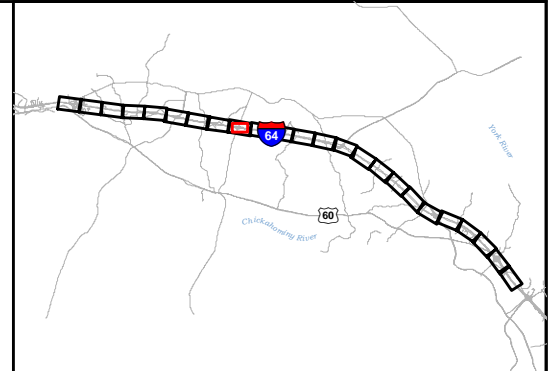
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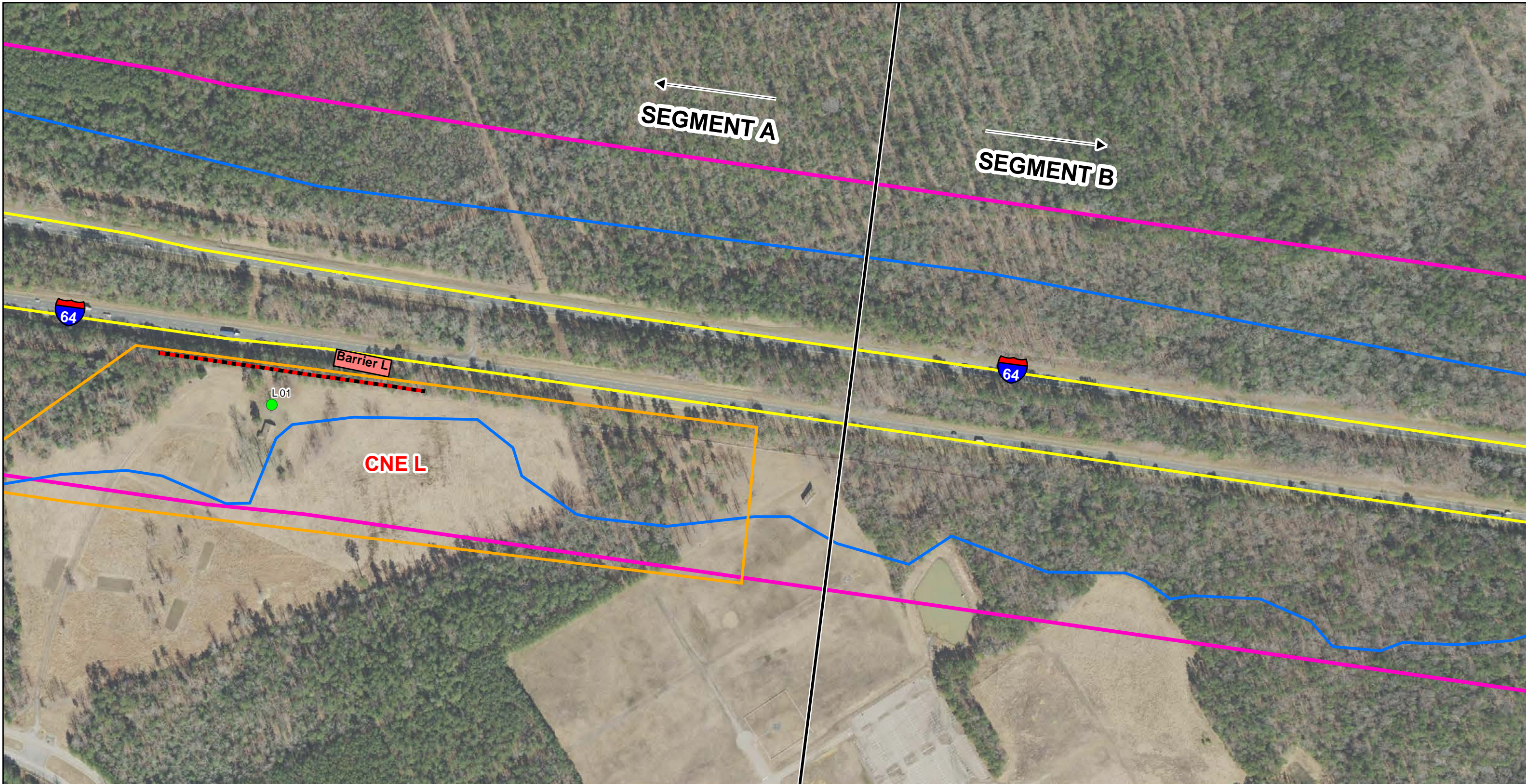
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Feet

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**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers  
Segments A & B**

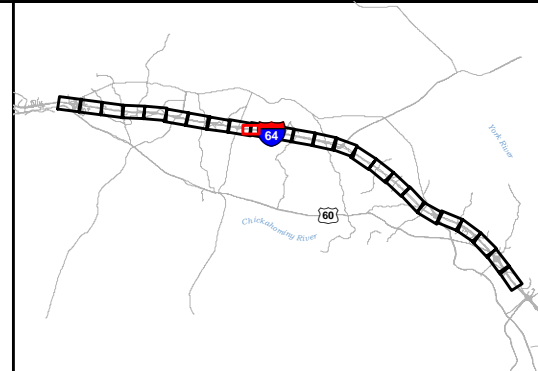
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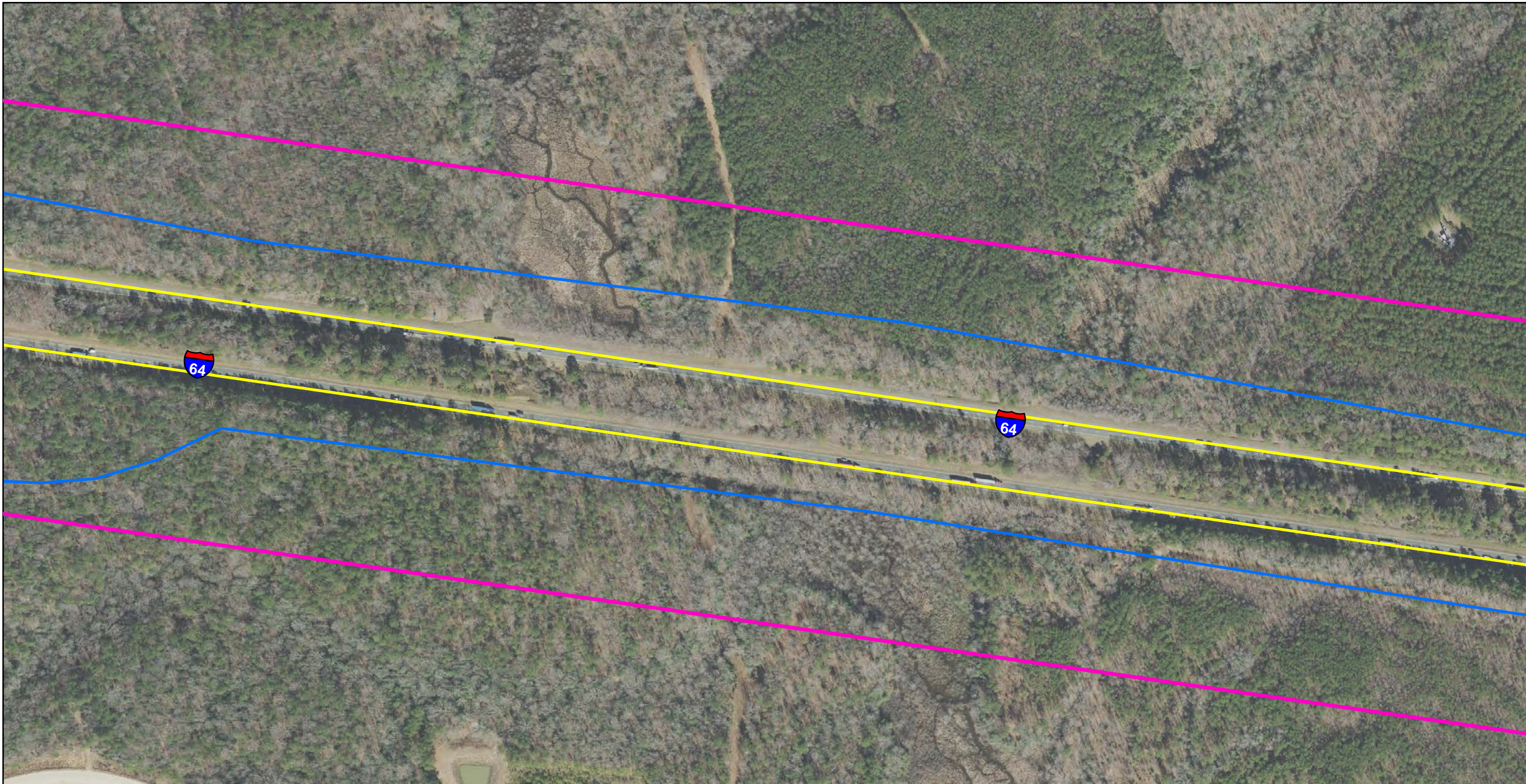
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Feet

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**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers**

**Segment B**

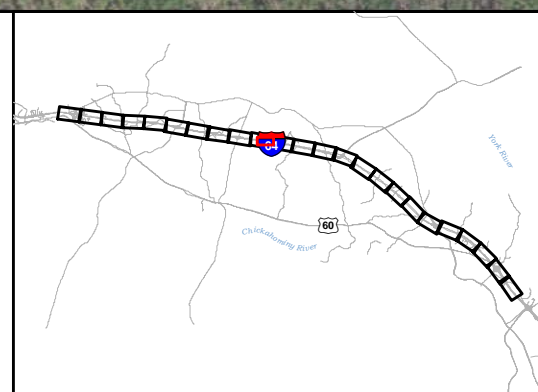
Virginia Department of Transportation  
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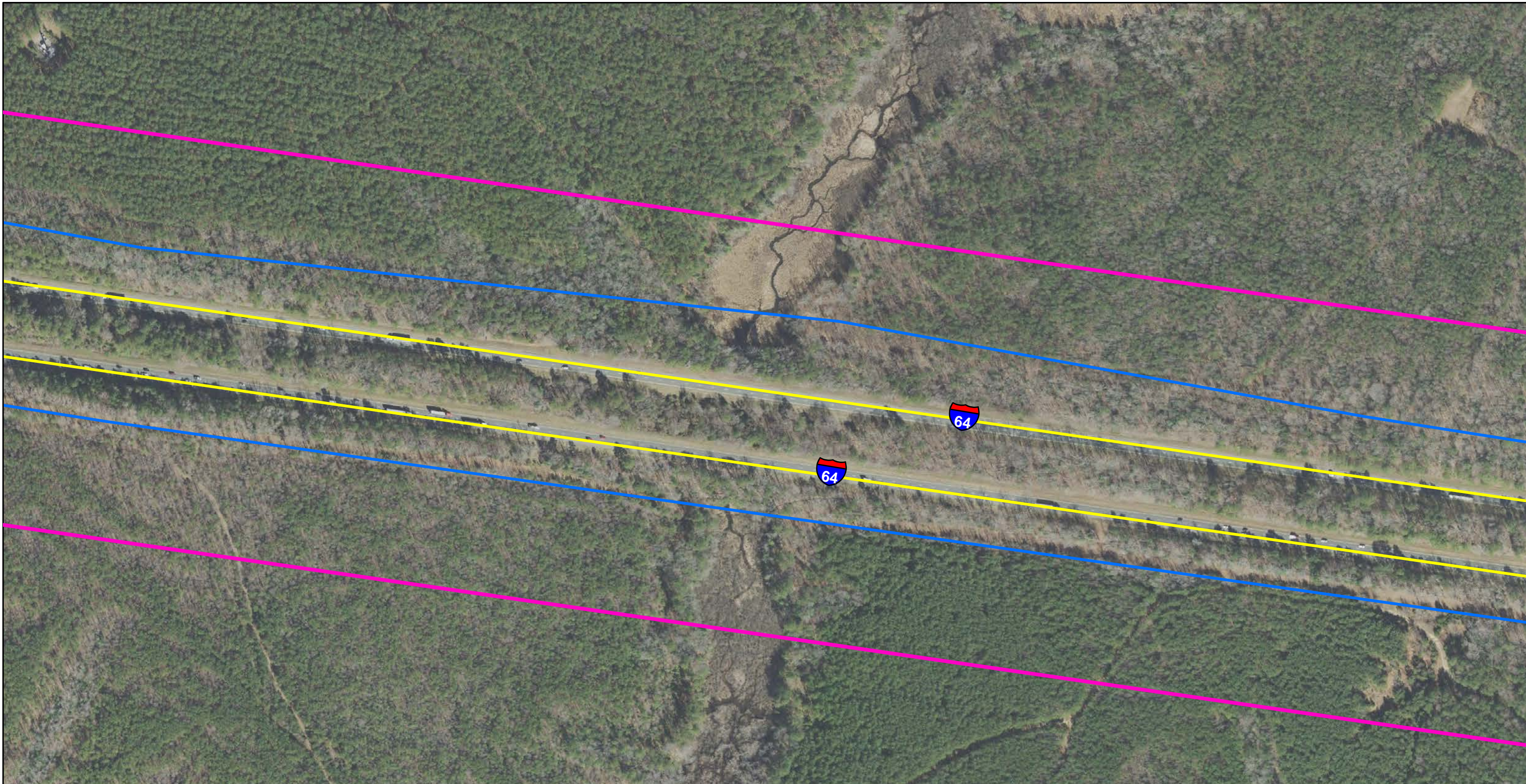
0 400 800  
 Feet

Source:VDOT, VGIN

- Common Noise Environment
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**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
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**Segment B**

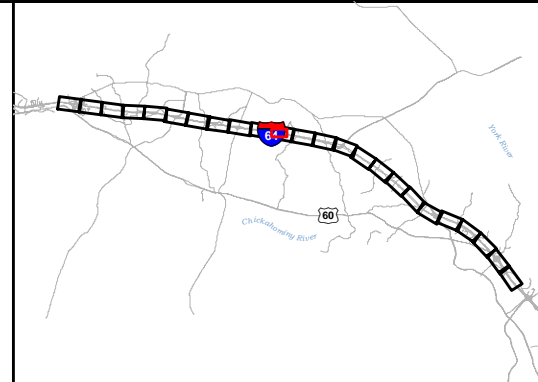
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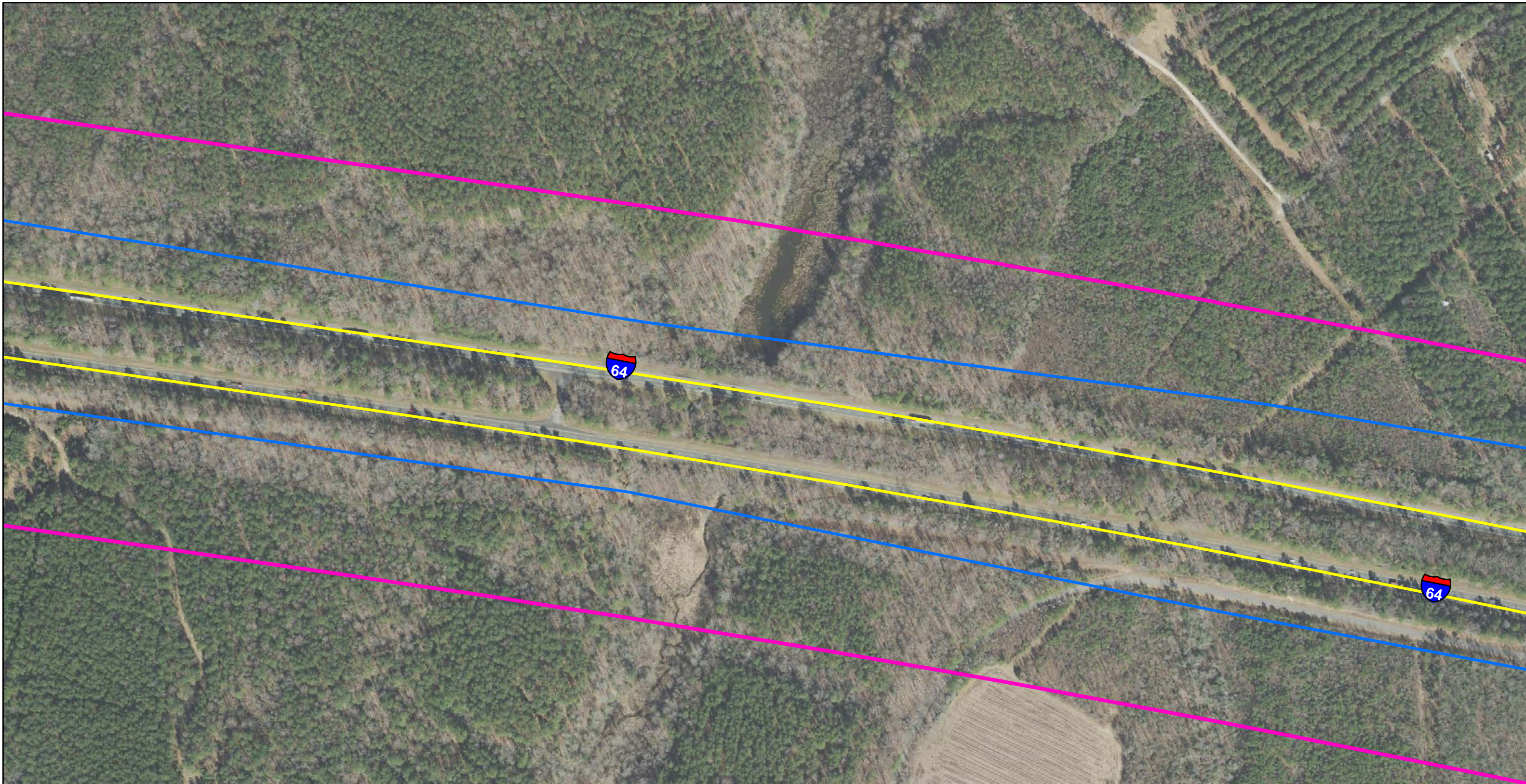
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**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers**

**Segment B**

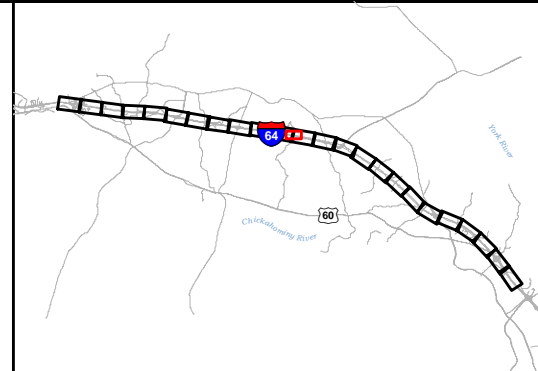
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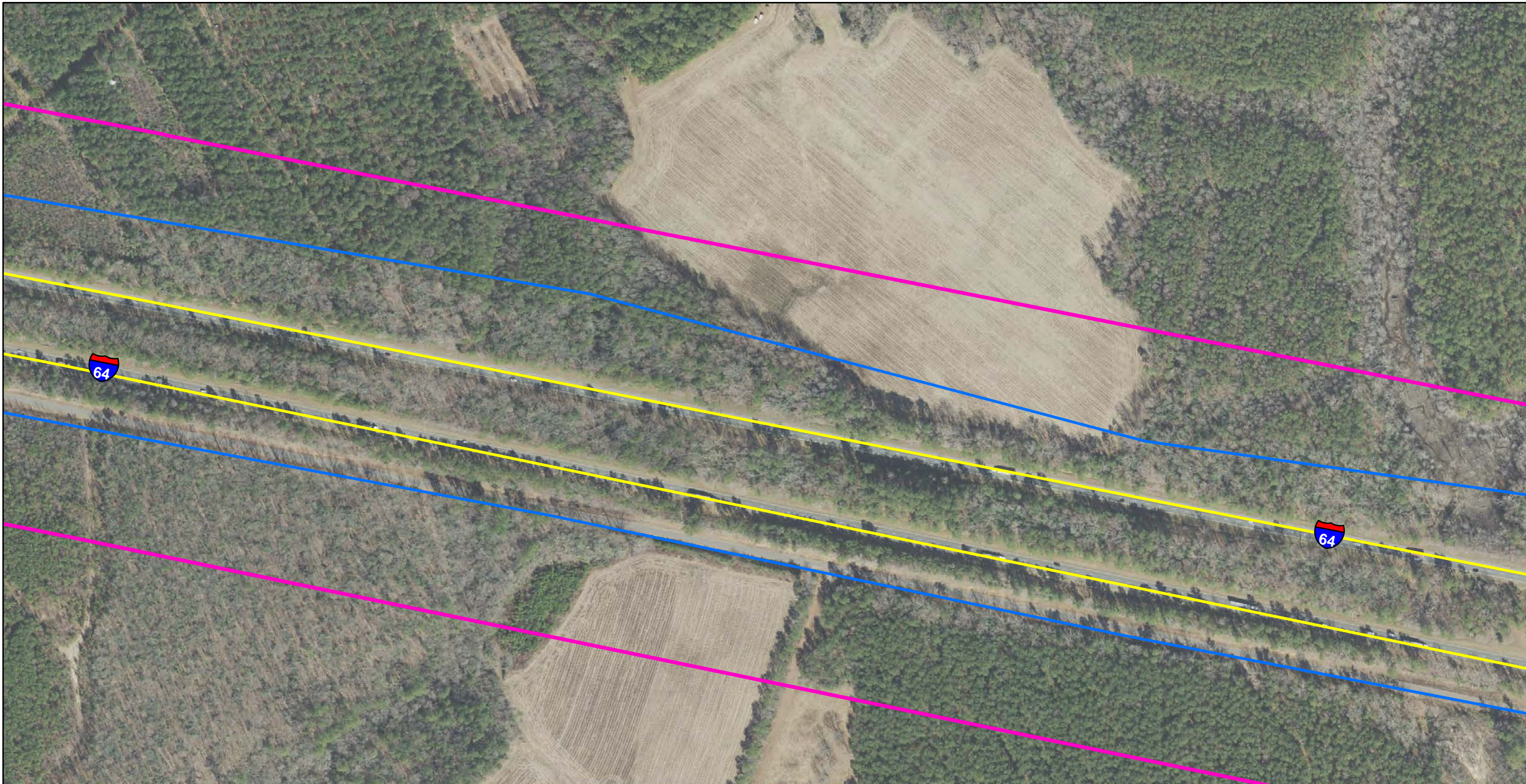
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Feet

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**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
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**Segment B**

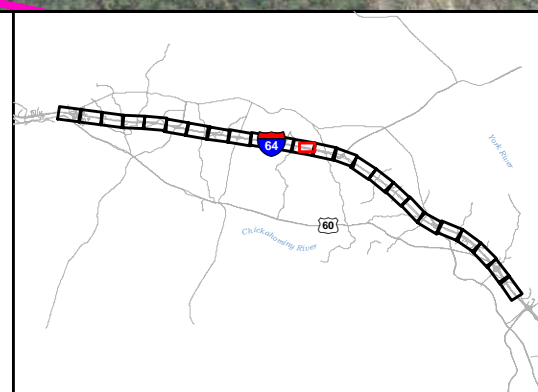
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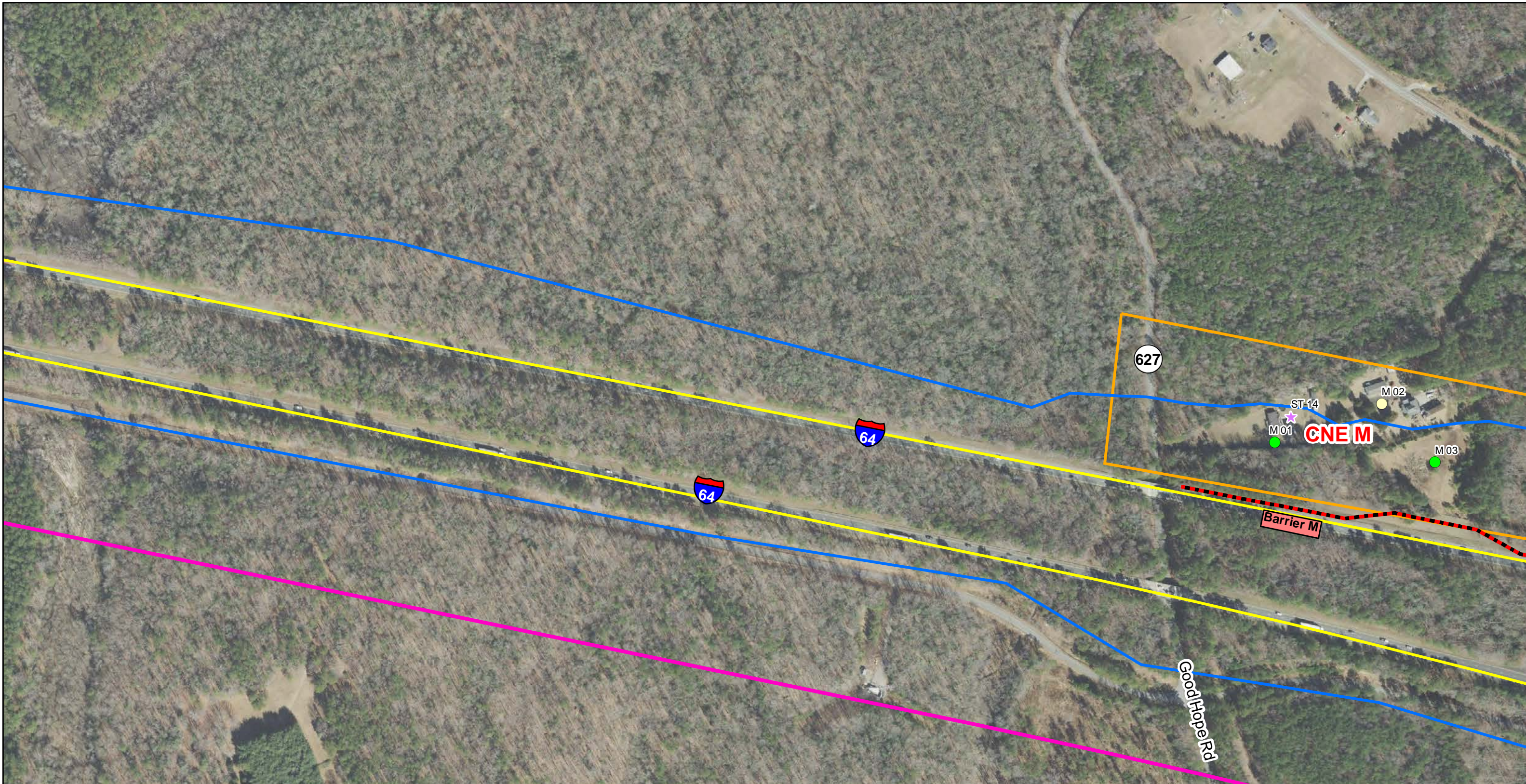
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**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
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**Segment B**

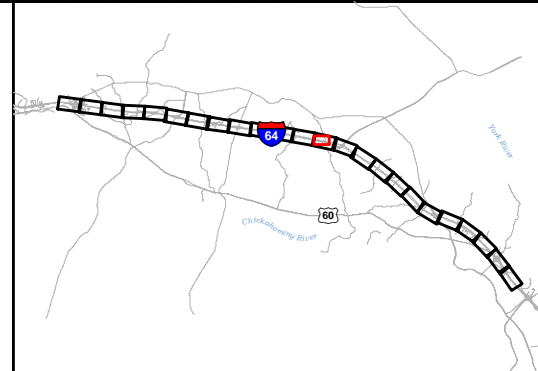
Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234

VDOT Project No.00064-800-25632396, UPC 109885

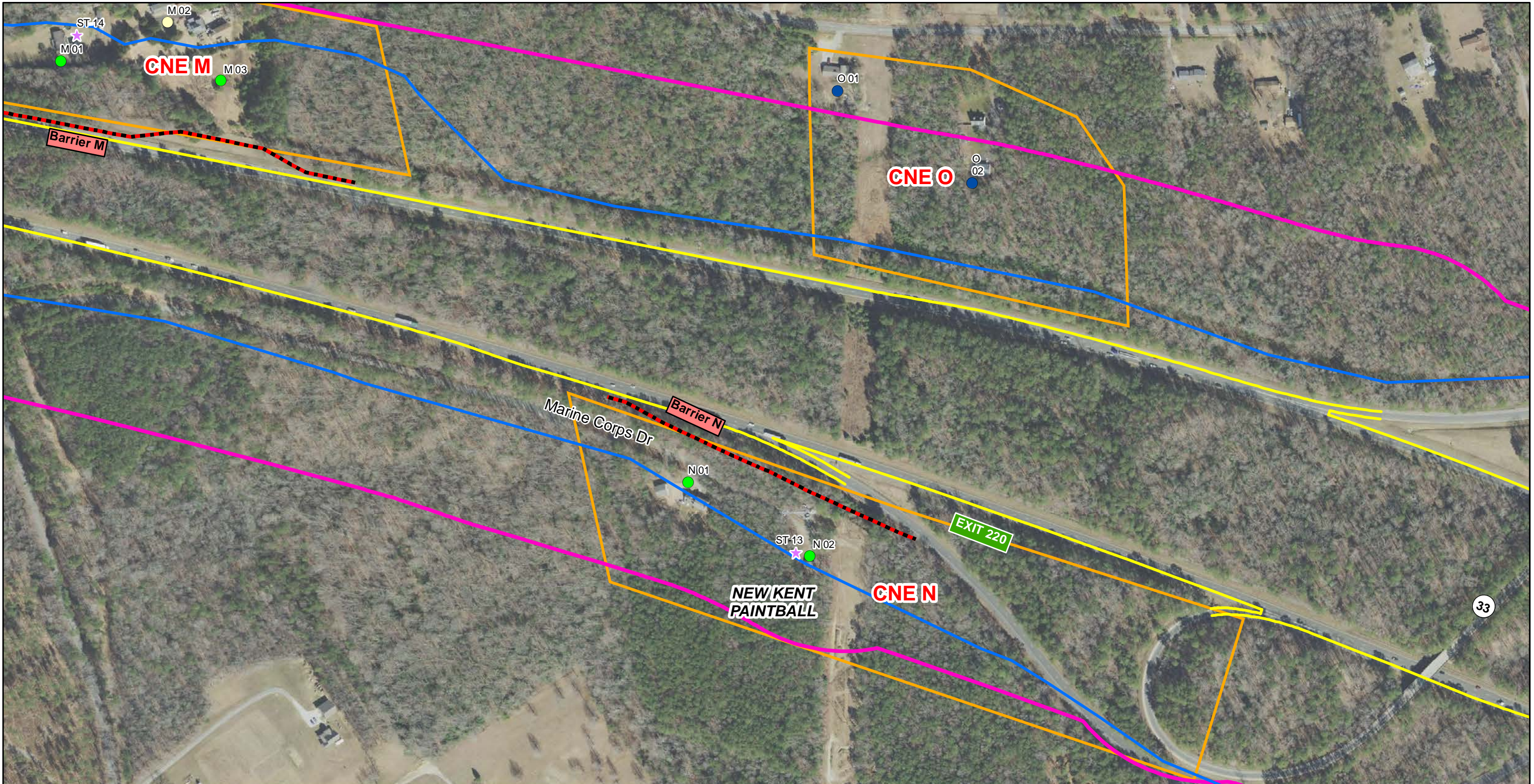
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Feet

Source:VDOT, VGIN

- Common Noise Environment
- Proposed Edge of Pavement
- County Boundary
- 500-ft Buffer
- Barrier Feasible, Not Reasonable
- Barrier Feasible and Reasonable
- Extension Analyzed, Not Included with Optimized Barrier
- 66 Decibel Contour Line
- Noise Measurement Site
- Multi-Family Receptor
- Modeled Noise Receptors**
- Impacted, Benefited
- Impacted, Not Benefited
- Not Impacted, Benefited
- Not Impacted, Not Benefited







**Interstate 64 Improvements  
Exit 205 to Exit 234  
Common Noise Environments, Noise  
Receptors and Proposed Barriers  
Segment B**

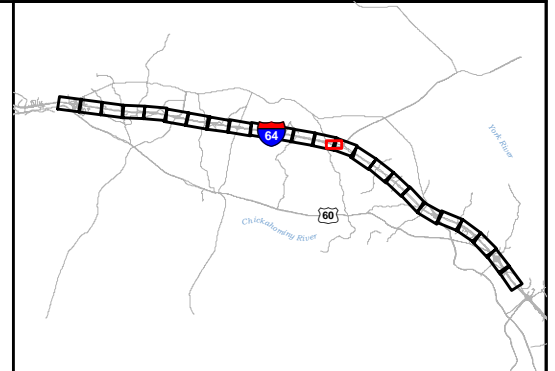
Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234

VDOT Project No.00064-800-25632396, UPC 109885

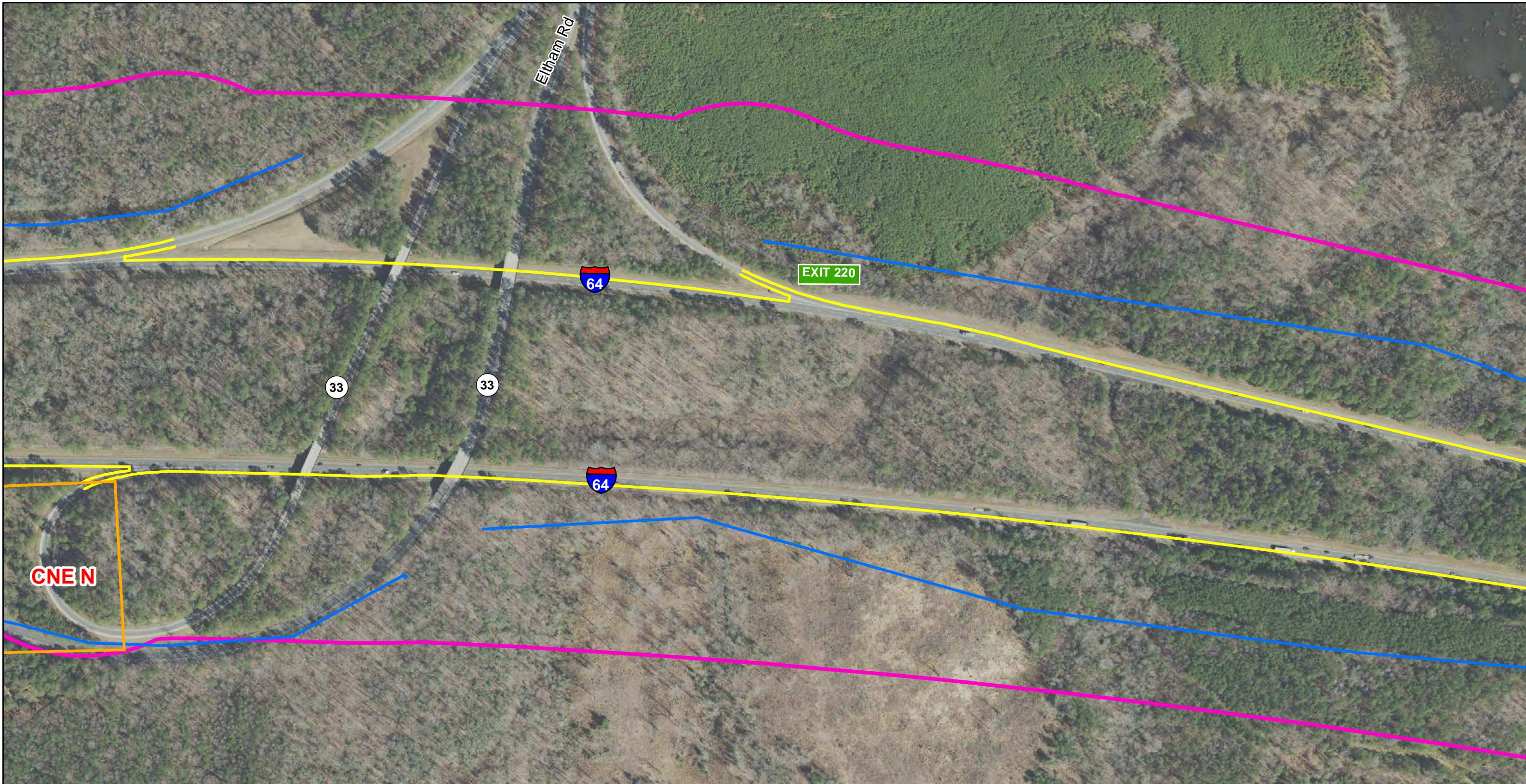
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Feet

Source:VDOT, VGIN

- Common Noise Environment
- Proposed Edge of Pavement
- County Boundary
- 500-ft Buffer
- Barrier Feasible, Not Reasonable
- Barrier Feasible and Reasonable
- Extension Analyzed, Not Included with Optimized Barrier
- 66 Decibel Contour Line
- ★ Noise Measurement Site
- Multi-Family Receptor
- Modeled Noise Receptors**
- Impacted, Benefited
- Impacted, Not Benefited
- Not Impacted, Benefited
- Not Impacted, Not Benefited







**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers**

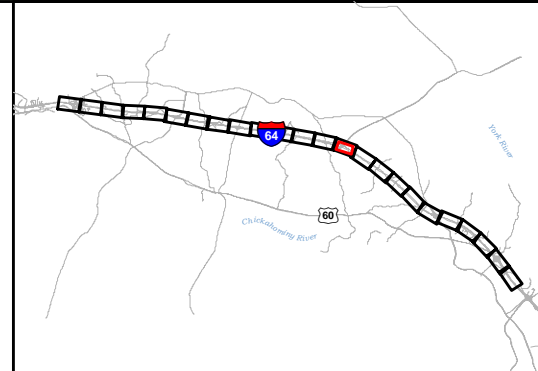
**Segment B**

Virginia Department of Transportation  
 Interstate 64 Improvements: Exit 205 to Exit 234  
 VDOT Project No.00064-800-25632396, UPC 109885

0 400 800  
 Feet

Source:VDOT, VGIN

- Common Noise Environment
  - Proposed Edge of Pavement
  - County Boundary
  - 500-ft Buffer
  - Barrier Feasible, Not Reasonable
  - Barrier Feasible and Reasonable
  - Extension Analyzed, Not Included with Optimized Barrier
  - 66 Decibel Contour Line
  - Noise Measurement Site
  - Multi-Family Receptor
- Modeled Noise Receptors**
- Impacted, Benefited
  - Impacted, Not Benefited
  - Not Impacted, Benefited
  - Not Impacted, Not Benefited







**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers**

**Segment B**

Virginia Department of Transportation  
 Interstate 64 Improvements: Exit 205 to Exit 234  
 VDOT Project No.00064-800-25632396, UPC 109885

0 400 800  
 Feet

Source:VDOT, VGIN

- Common Noise Environment
  - Proposed Edge of Pavement
  - County Boundary
  - 500-ft Buffer
  - Barrier Feasible, Not Reasonable
  - Barrier Feasible and Reasonable
  - Extension Analyzed, Not Included with Optimized Barrier
  - 66 Decibel Contour Line
  - Noise Measurement Site
  - Multi-Family Receptor
- Modeled Noise Receptors**
- Impacted, Benefited
  - Impacted, Not Benefited
  - Not Impacted, Benefited
  - Not Impacted, Not Benefited







**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers**

**Segment B**

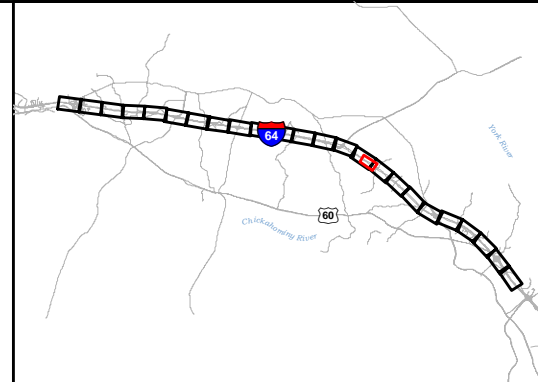
Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234

VDOT Project No.00064-800-25632396, UPC 109885

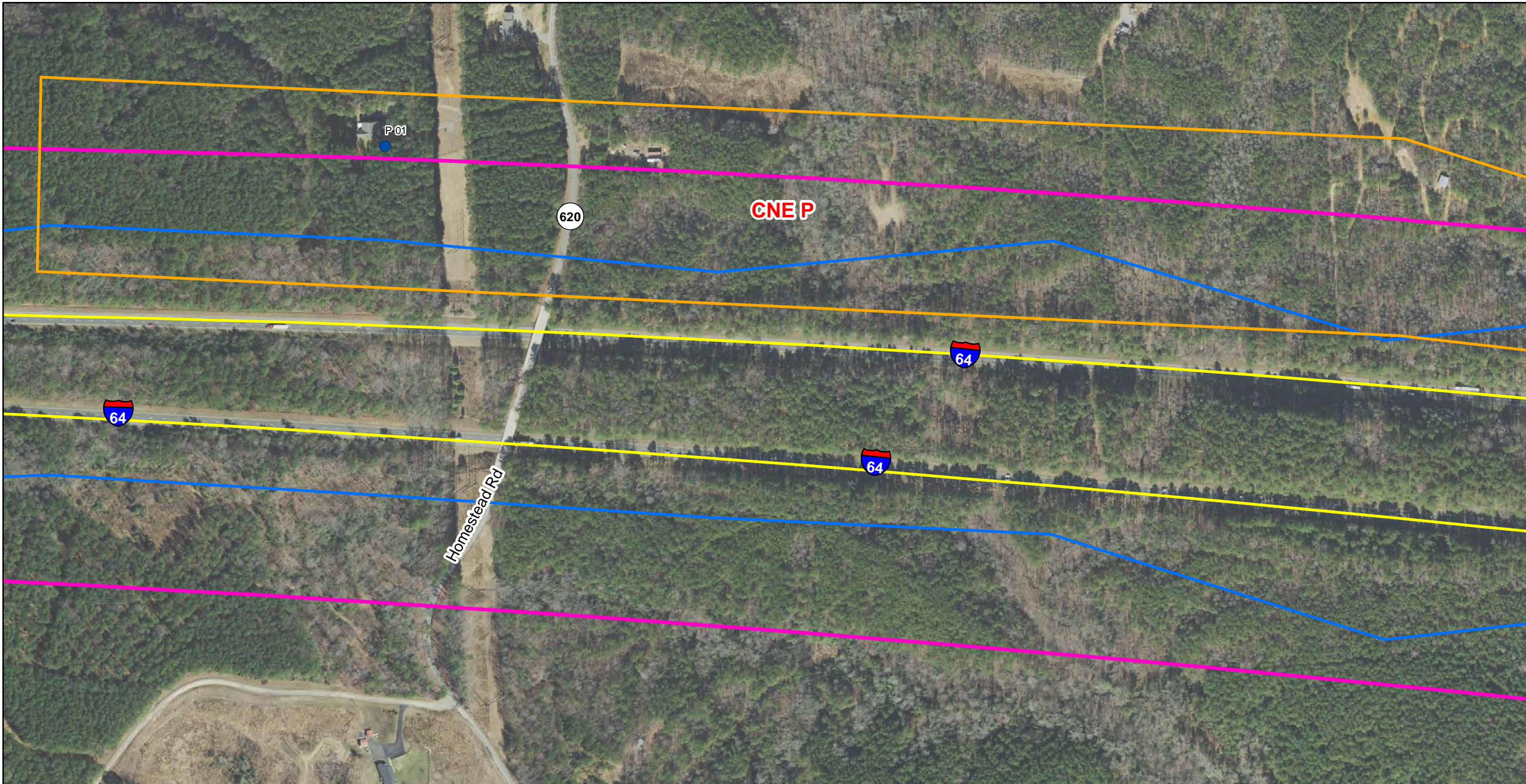
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Feet

Source:VDOT, VGIN

- Common Noise Environment
  - Proposed Edge of Pavement
  - County Boundary
  - 500-ft Buffer
  - Barrier Feasible, Not Reasonable
  - Barrier Feasible and Reasonable
  - Extension Analyzed, Not Included with Optimized Barrier
  - 66 Decibel Contour Line
  - Noise Measurement Site
  - Multi-Family Receptor
- Modeled Noise Receptors**
- Impacted, Benefited
  - Impacted, Not Benefited
  - Not Impacted, Benefited
  - Not Impacted, Not Benefited







**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers**

**Segment B**

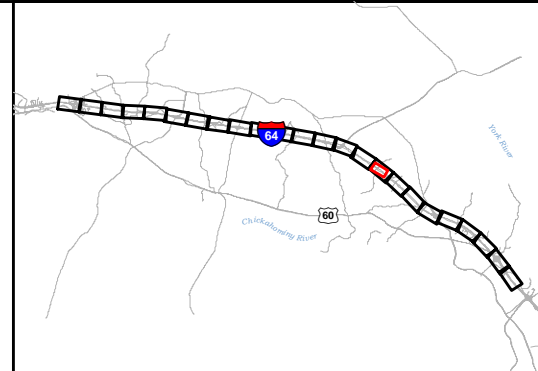
Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234

VDOT Project No.00064-800-25632396, UPC 109885

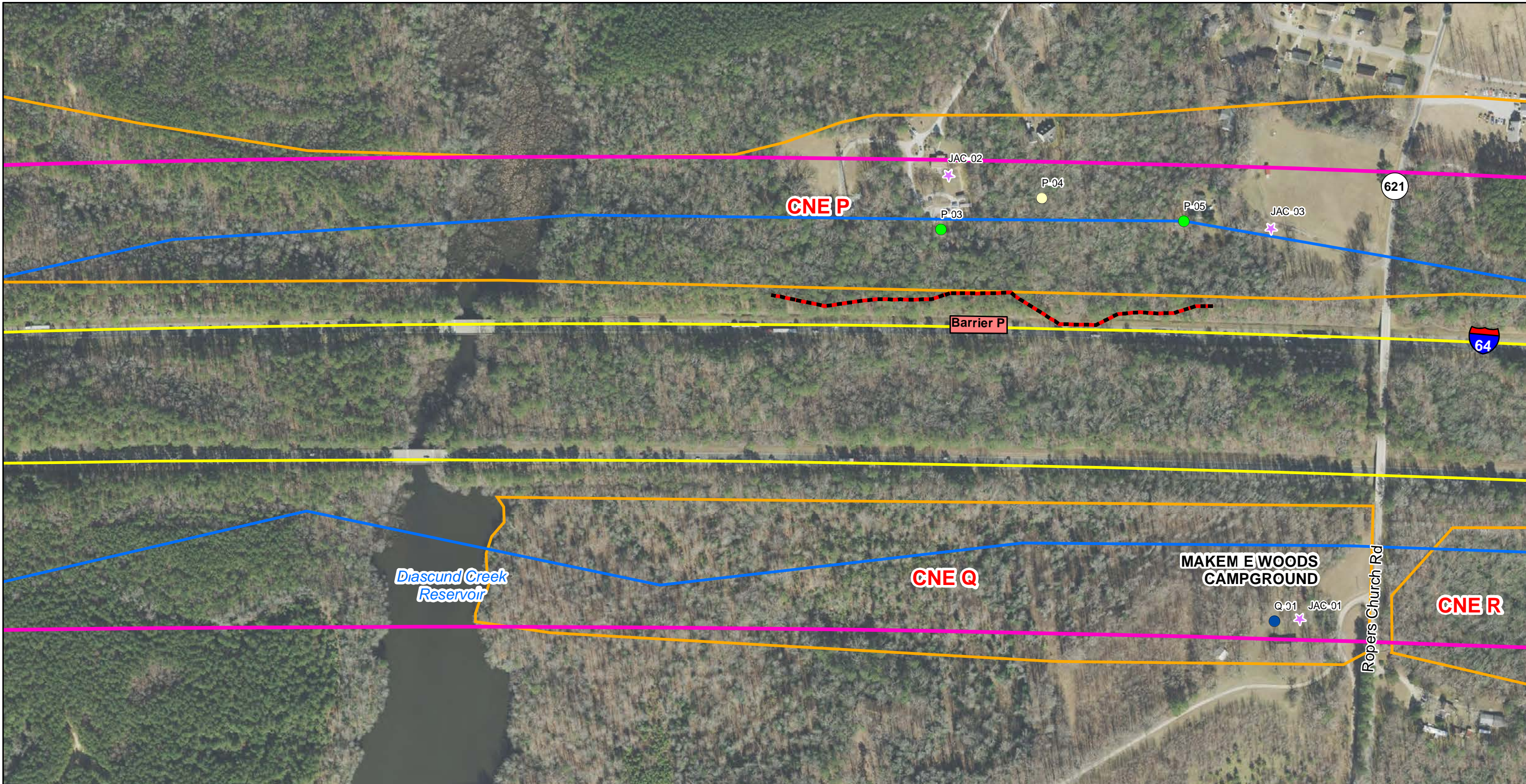
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Feet

Source:VDOT, VGIN

- Common Noise Environment
  - Proposed Edge of Pavement
  - County Boundary
  - 500-ft Buffer
  - Barrier Feasible, Not Reasonable
  - Barrier Feasible and Reasonable
  - Extension Analyzed, Not Included with Optimized Barrier
  - 66 Decibel Contour Line
  - Noise Measurement Site
  - Multi-Family Receptor
- Modeled Noise Receptors**
- Impacted, Benefited
  - Impacted, Not Benefited
  - Not Impacted, Benefited
  - Not Impacted, Not Benefited







**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers  
Segment B**

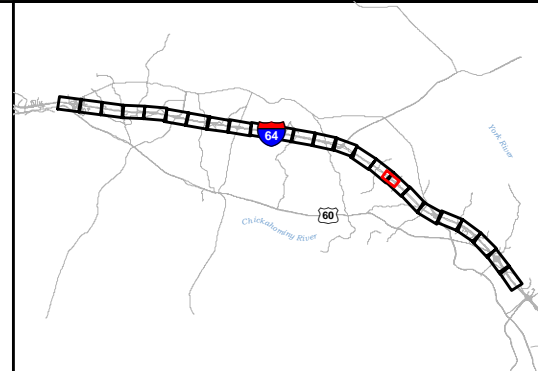
Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234

VDOT Project No.00064-800-25632396, UPC 109885

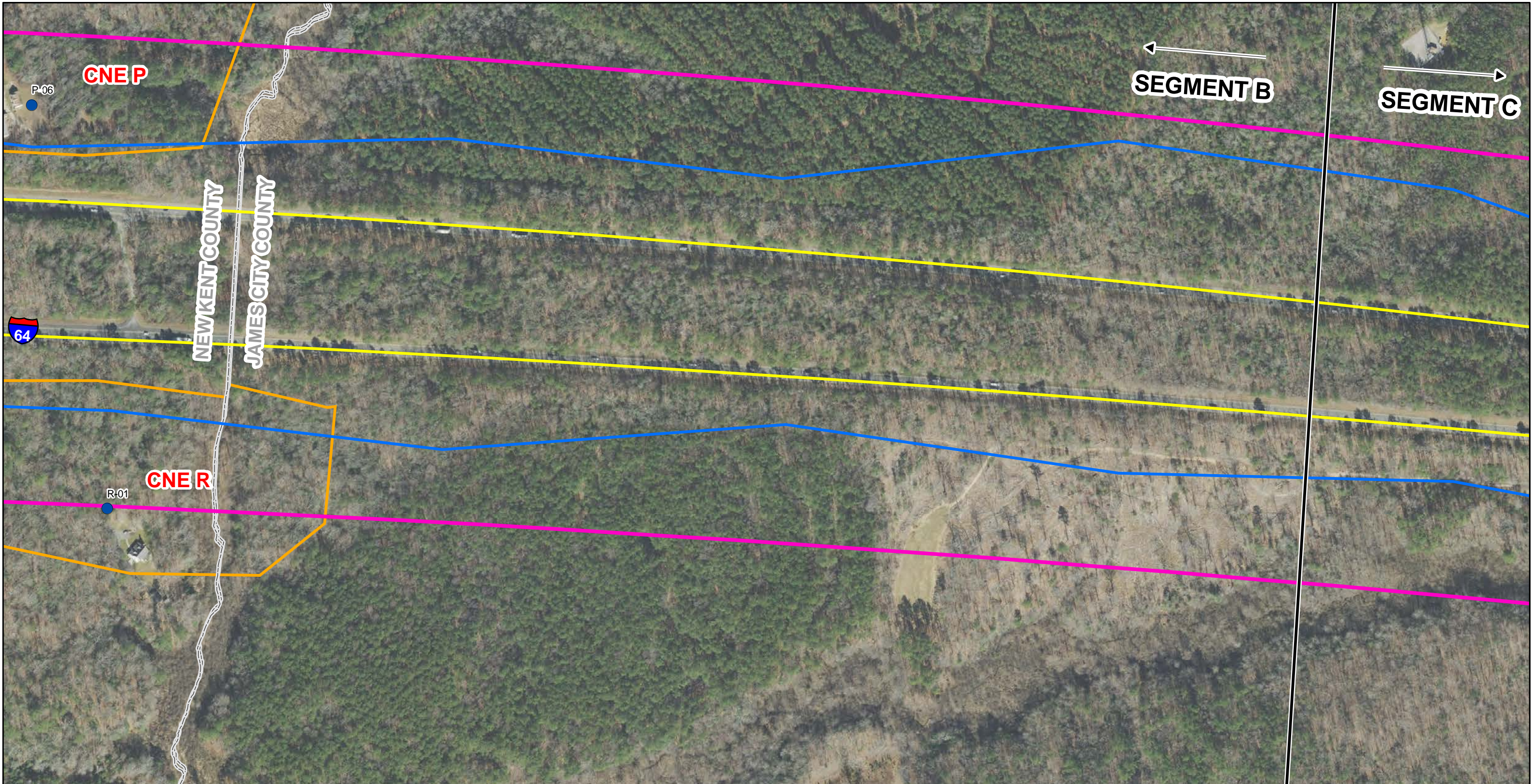
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Feet

Source:VDOT, VGIN

- Common Noise Environment
- Proposed Edge of Pavement
- County Boundary
- 500-ft Buffer
- Barrier Feasible, Not Reasonable
- Barrier Feasible and Reasonable
- Extension Analyzed, Not Included with Optimized Barrier
- 66 Decibel Contour Line
- ★ Noise Measurement Site
- Multi-Family Receptor
- Modeled Noise Receptors**
- Impacted, Benefited
- Impacted, Not Benefited
- Not Impacted, Benefited
- Not Impacted, Not Benefited







**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers  
Segments B and C**

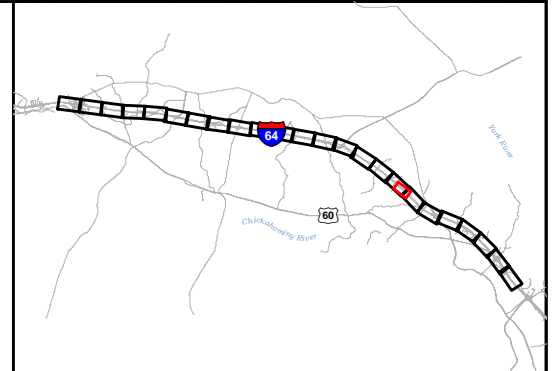
Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234

VDOT Project No.00064-800-25632396, UPC 109885

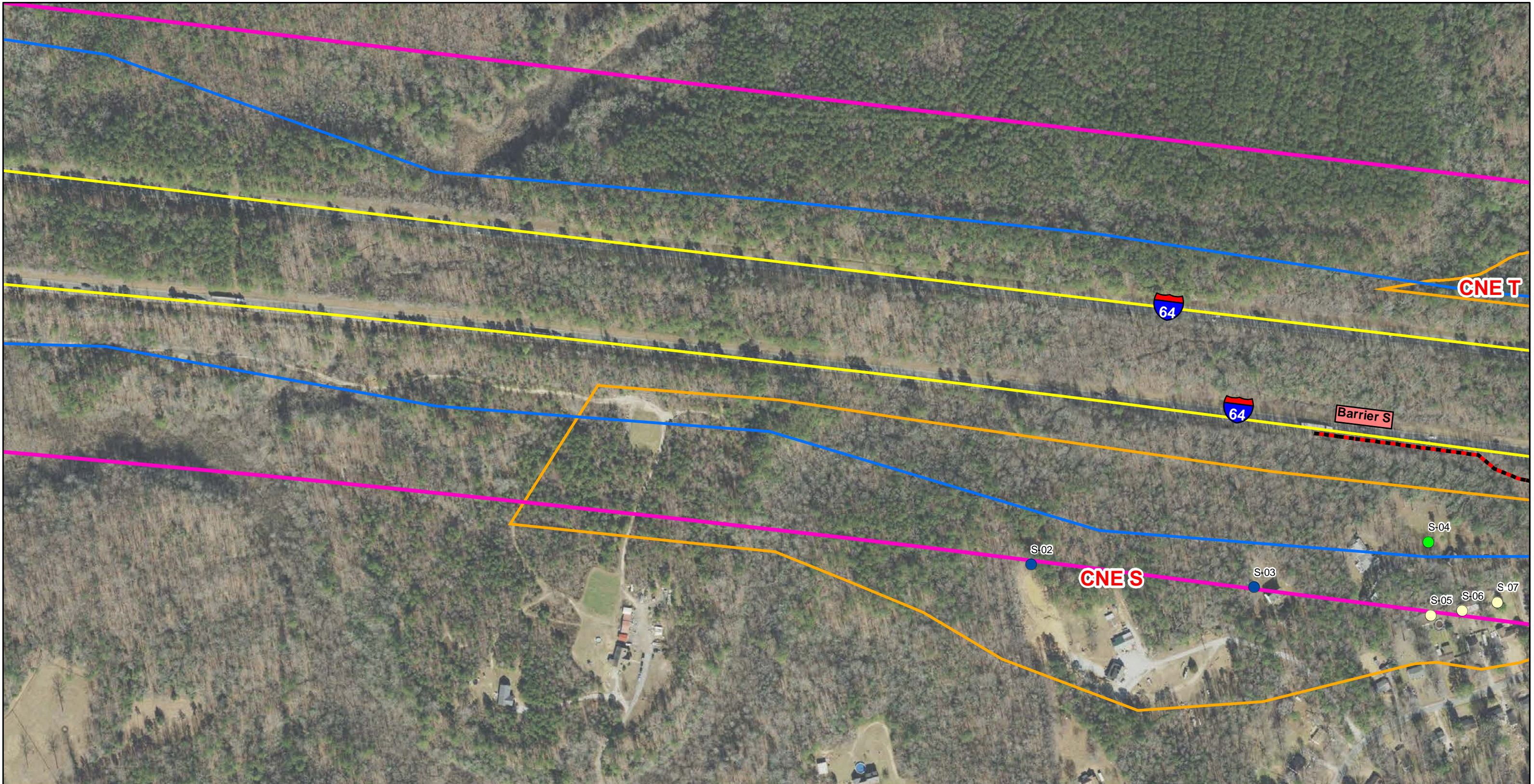
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Feet

Source:VDOT, VGIN

- Common Noise Environment
- Proposed Edge of Pavement
- County Boundary
- 500-ft Buffer
- Barrier Feasible, Not Reasonable
- Barrier Feasible and Reasonable
- Extension Analyzed, Not Included with Optimized Barrier
- 66 Decibel Contour Line
- ★ Noise Measurement Site
- Multi-Family Receptor
- Modeled Noise Receptors**
- Impacted, Benefited
- Impacted, Not Benefited
- Not Impacted, Benefited
- Not Impacted, Not Benefited







**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers**

**Segment C**

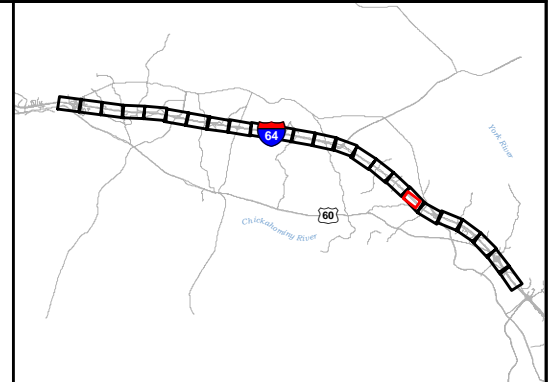
Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234

VDOT Project No.00064-800-25632396, UPC 109885

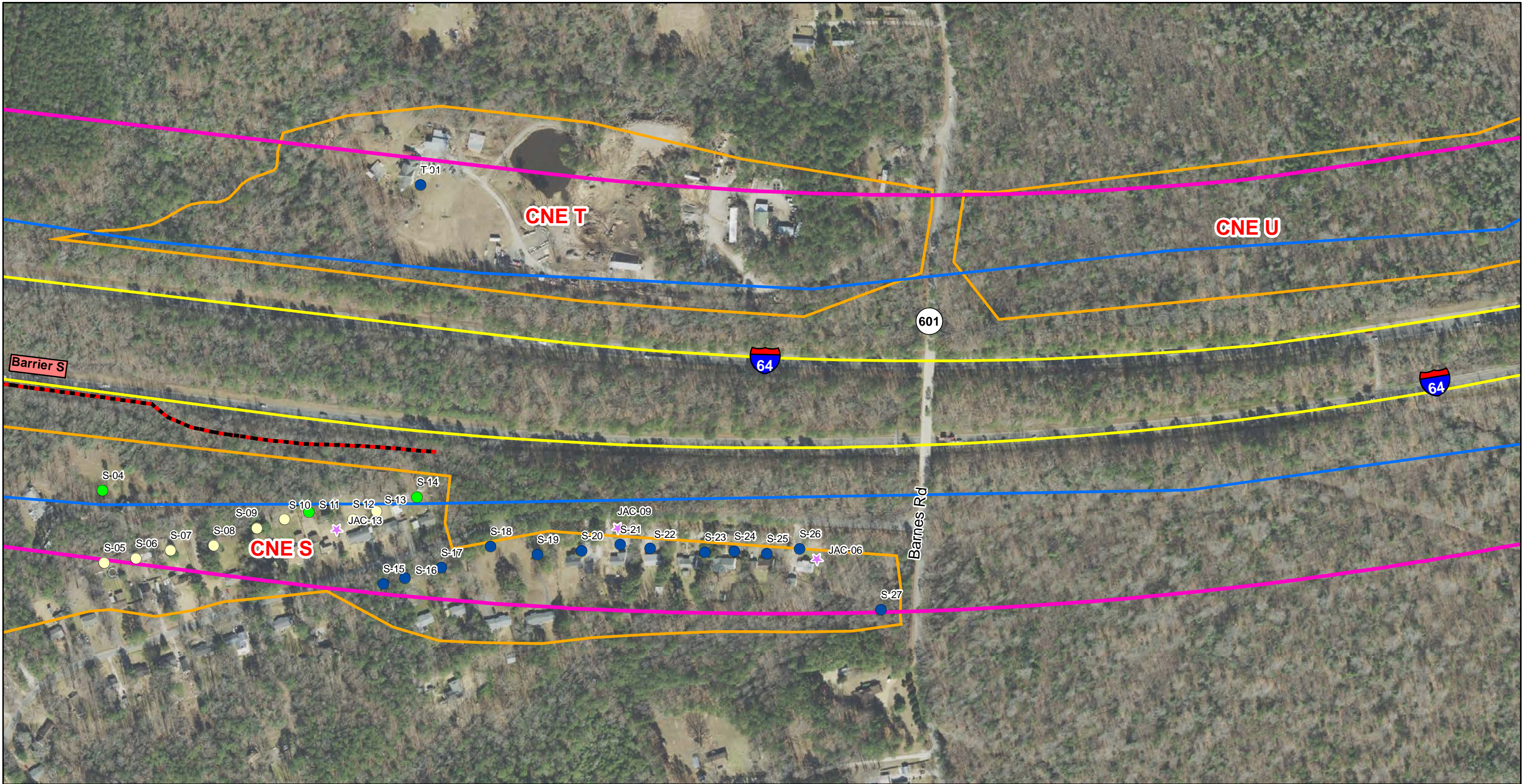
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Feet

Source:VDOT, VGIN

- Common Noise Environment
  - Proposed Edge of Pavement
  - County Boundary
  - 500-ft Buffer
  - Barrier Feasible, Not Reasonable
  - Barrier Feasible and Reasonable
  - Extension Analyzed, Not Included with Optimized Barrier
  - 66 Decibel Contour Line
  - Noise Measurement Site
  - Multi-Family Receptor
- Modeled Noise Receptors**
- Impacted, Benefited
  - Impacted, Not Benefited
  - Not Impacted, Benefited
  - Not Impacted, Not Benefited







**Interstate 64 Improvements  
Exit 205 to Exit 234**

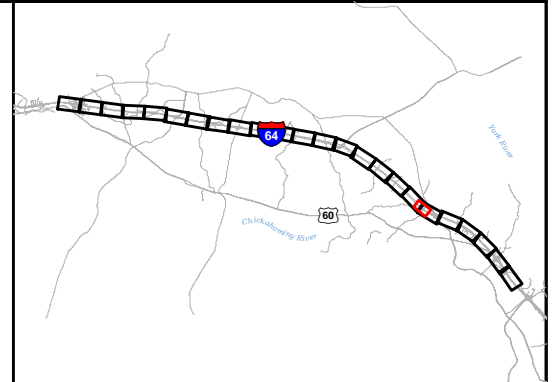
**Common Noise Environments, Noise  
Receptors and Proposed Barriers  
Segment C**

Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234  
VDOT Project No.00064-800-25632396, UPC 109885

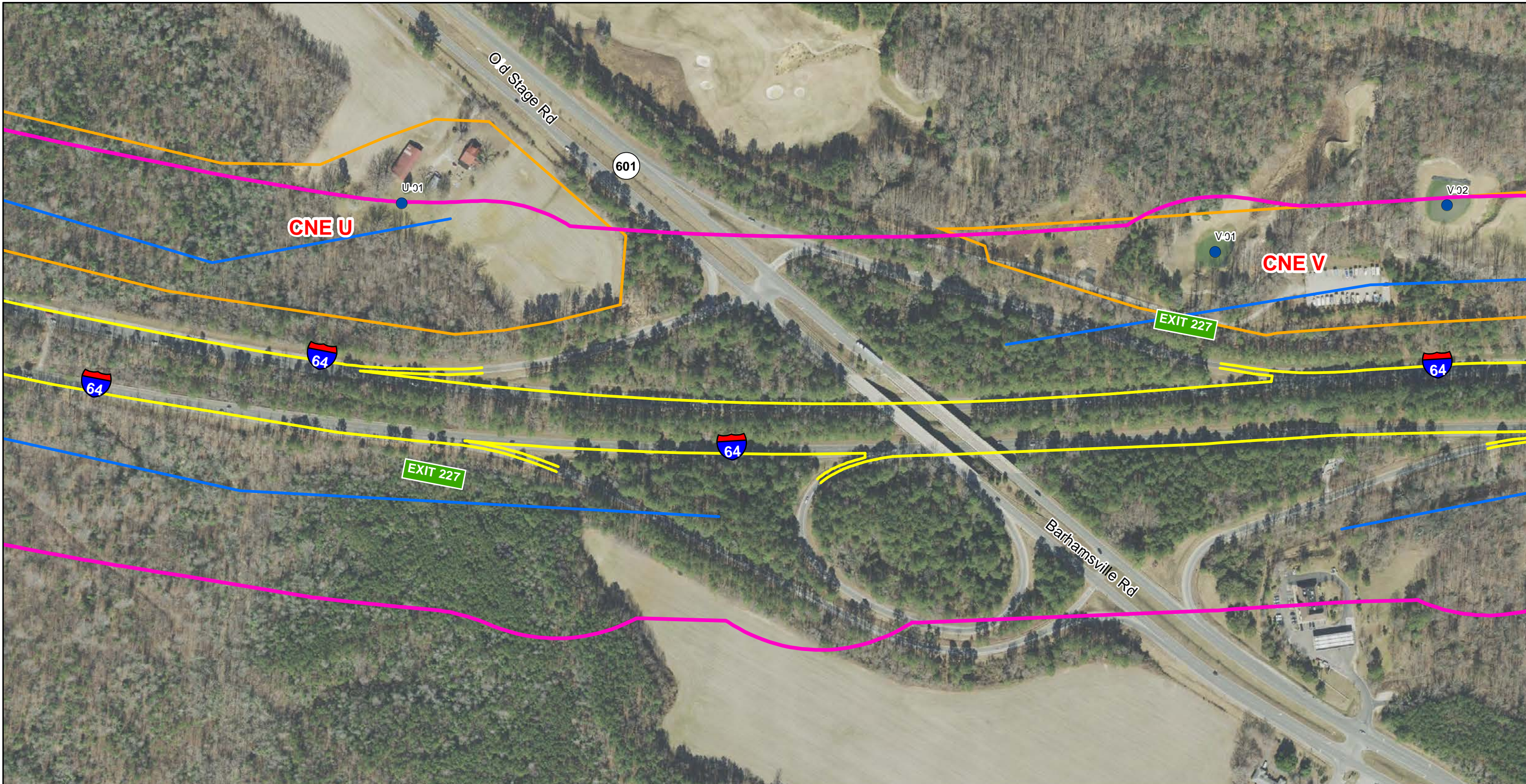
0 400 800  
Feet

Source:VDOT, VGIN

- Common Noise Environment
- Proposed Edge of Pavement
- County Boundary
- 500-ft Buffer
- Barrier Feasible, Not Reasonable
- Barrier Feasible and Reasonable
- Extension Analyzed, Not Included with Optimized Barrier
- 66 Decibel Contour Line
- ★ Noise Measurement Site
- Multi-Family Receptor
- Modeled Noise Receptors**
- Impacted, Benefited
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- Not Impacted, Benefited
- Not Impacted, Not Benefited







**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers**

**Segment C**

Virginia Department of Transportation

Interstate 64 Improvements: Exit 205 to Exit 234

VDOT Project No.00064-800-25632396, UPC 109885

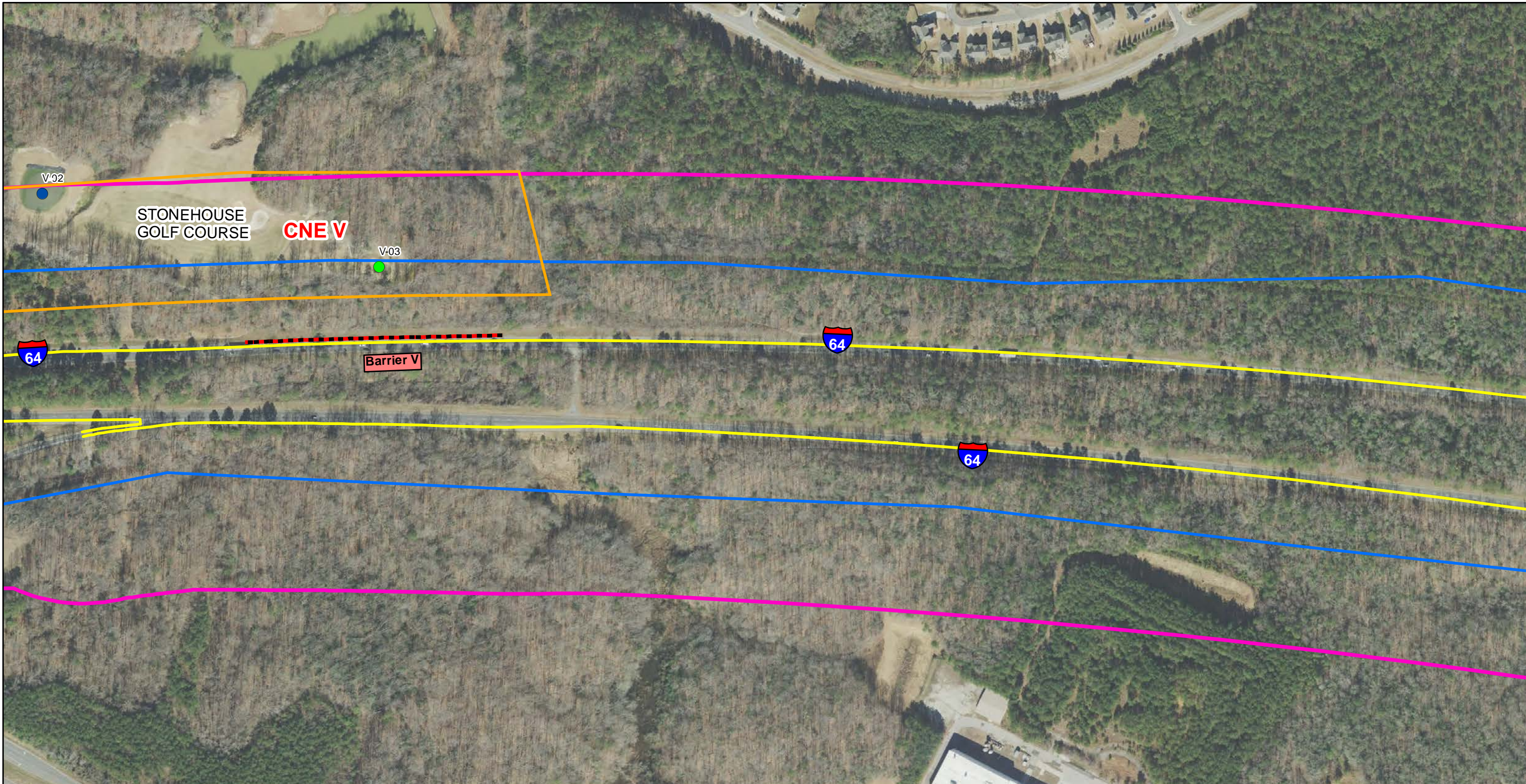
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Feet

Source:VDOT, VGIN

- Common Noise Environment
  - Proposed Edge of Pavement
  - County Boundary
  - 500-ft Buffer
  - Barrier Feasible, Not Reasonable
  - Barrier Feasible and Reasonable
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- Impacted, Benefited
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  - Not Impacted, Benefited
  - Not Impacted, Not Benefited







**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers**

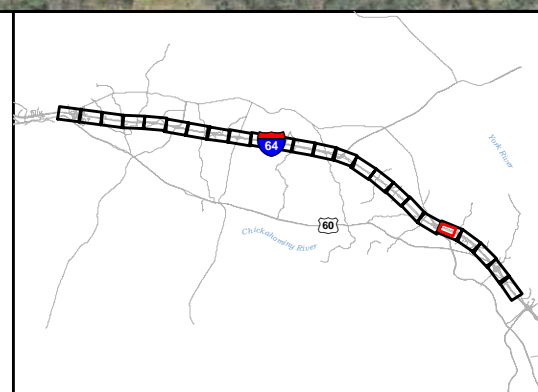
**Segment C**

Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234  
VDOT Project No.00064-800-25632396, UPC 109885

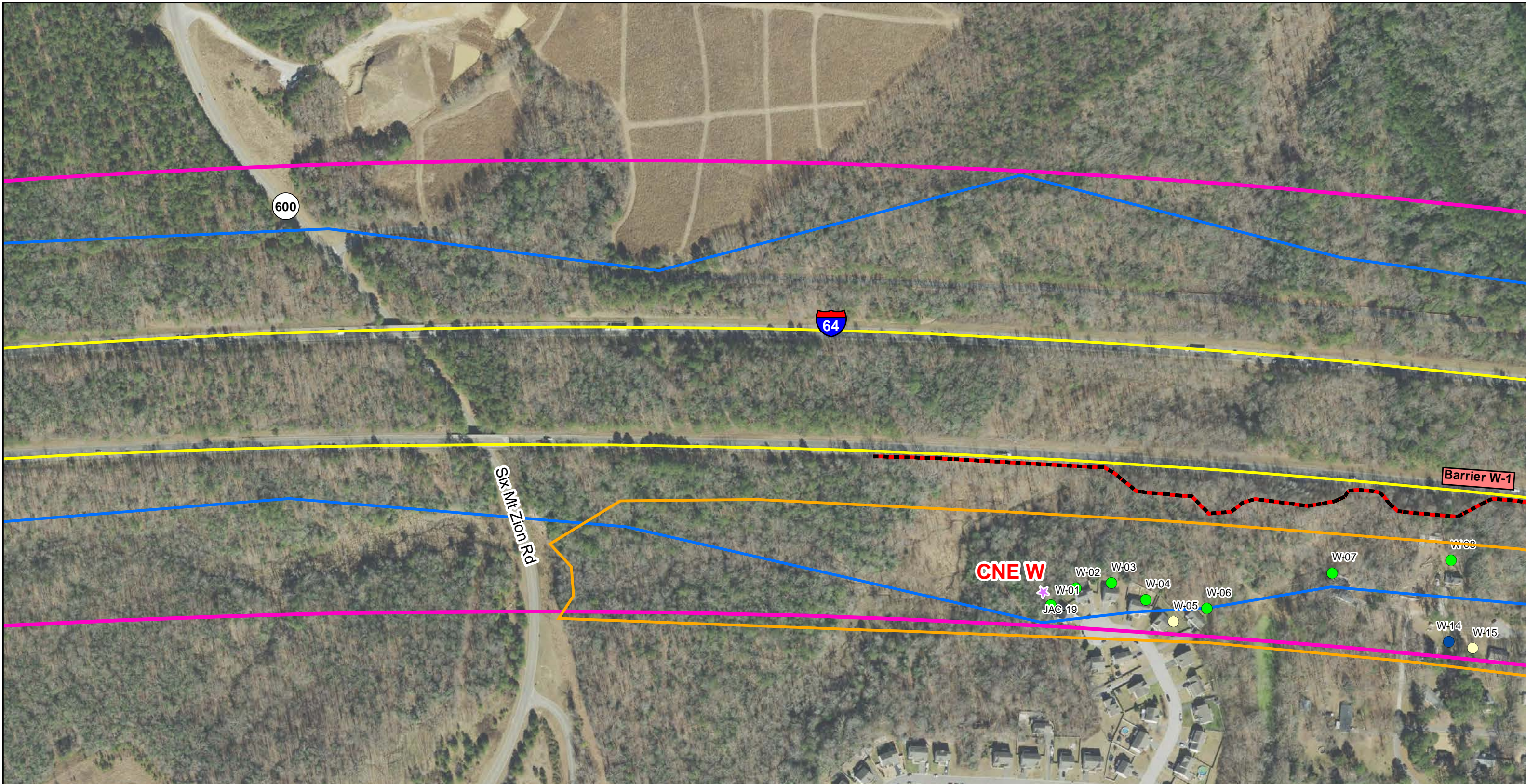
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Feet

Source:VDOT, VGIN

- Common Noise Environment
  - Proposed Edge of Pavement
  - County Boundary
  - 500-ft Buffer
  - Barrier Feasible, Not Reasonable
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- Modeled Noise Receptors**
- Impacted, Benefited
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**Interstate 64 Improvements  
Exit 205 to Exit 234**

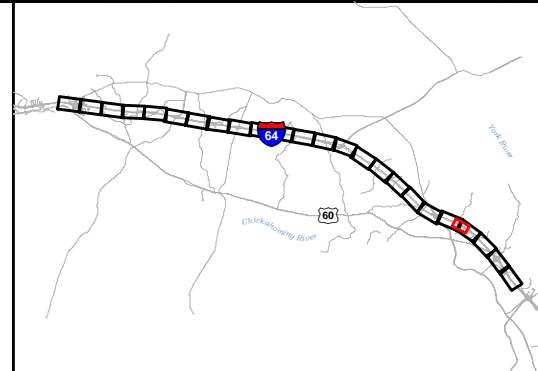
**Common Noise Environments, Noise  
Receptors and Proposed Barriers  
Segment C**

Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234  
VDOT Project No.00064-800-25632396, UPC 109885

0 400 800  
Feet

Source:VDOT, VGIN

- Common Noise Environment
- Proposed Edge of Pavement
- County Boundary
- 500-ft Buffer
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- Barrier Feasible and Reasonable
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- Multi-Family Receptor
- Modeled Noise Receptors**
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- Impacted, Not Benefited
- Not Impacted, Benefited
- Not Impacted, Not Benefited





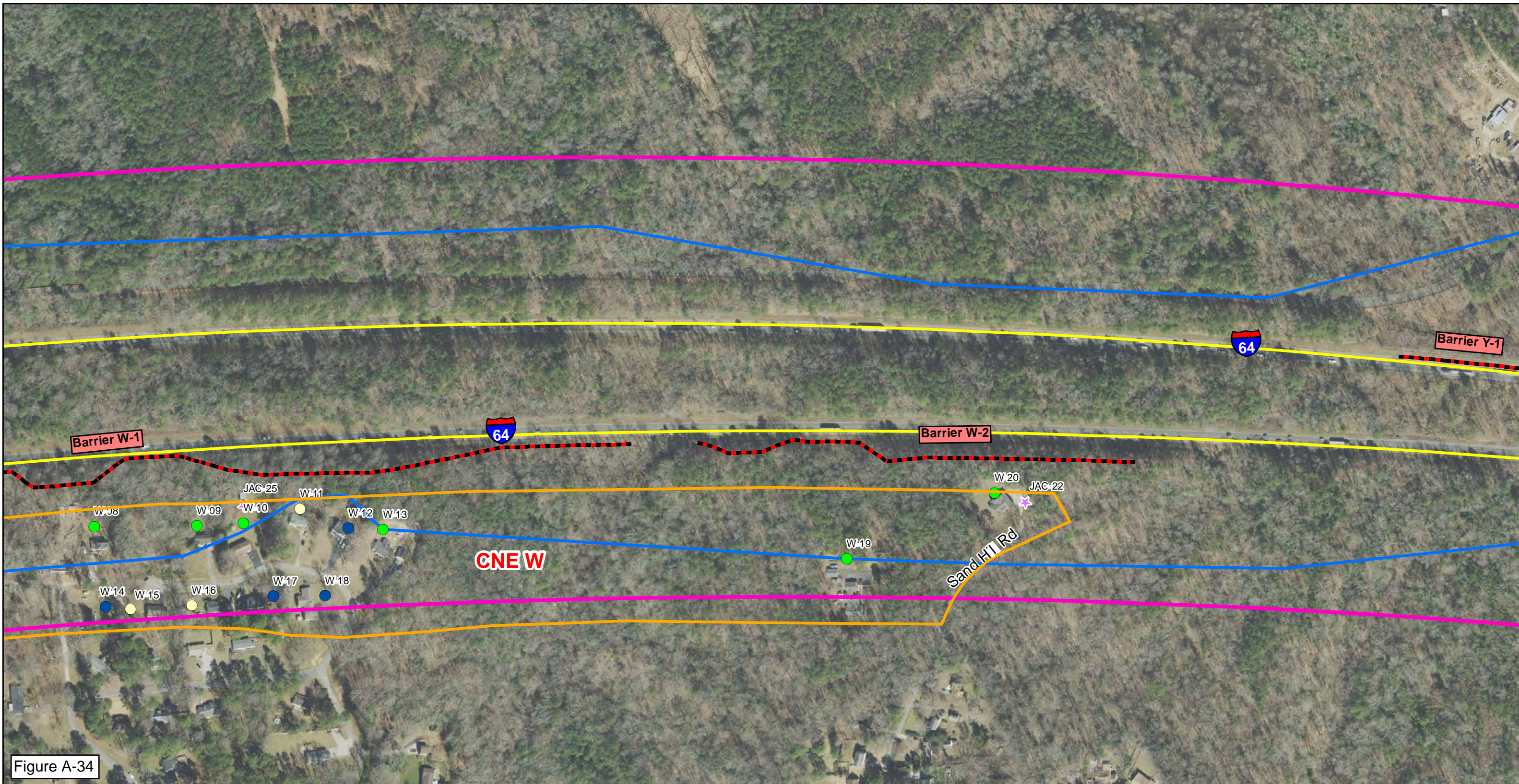


Figure A-34

**Interstate 64 Improvements  
Exit 205 to Exit 234**

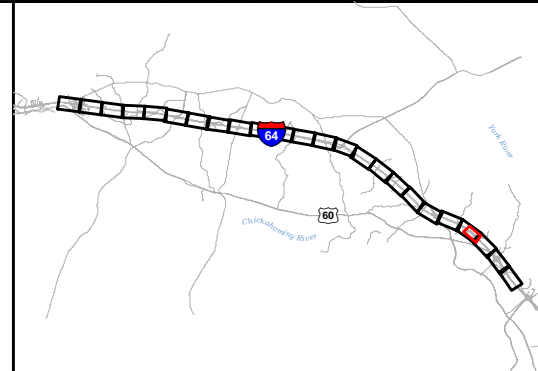
**Common Noise Environments, Noise  
Receptors and Proposed Barriers  
Segment C**

Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234  
VDOT Project No.00064-800-25632396, UPC 109885

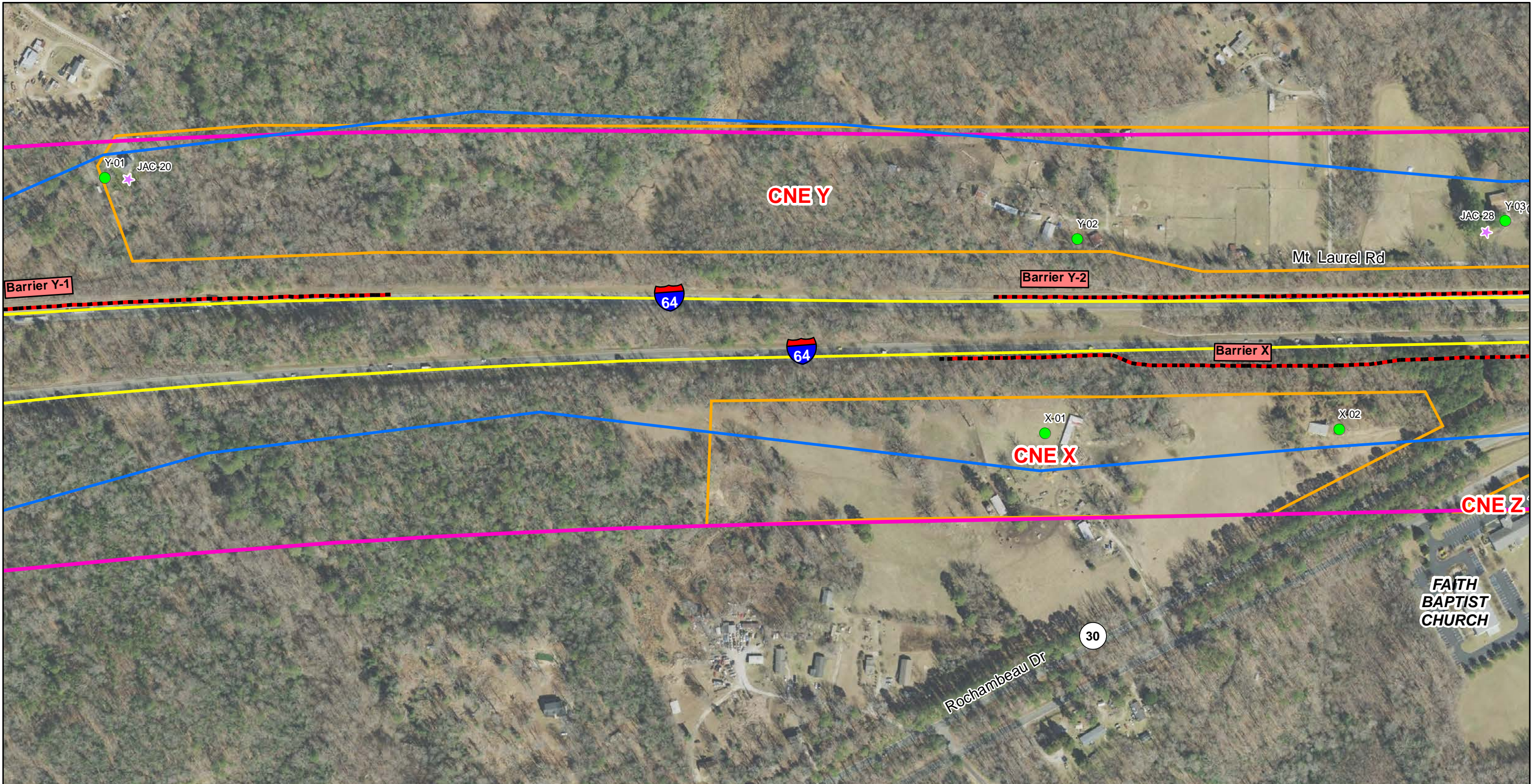
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Feet

Source:VDOT, VGIN

- Common Noise Environment
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**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers  
Segment C**

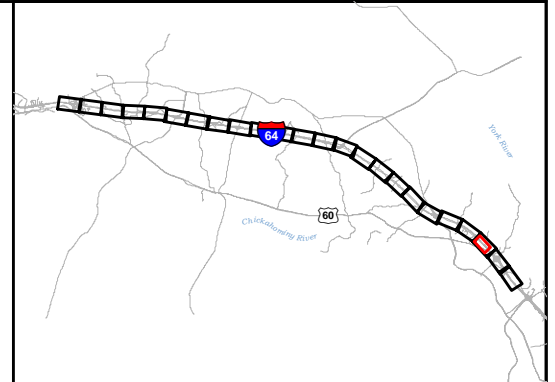
Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234

VDOT Project No.00064-800-25632396, UPC 109885

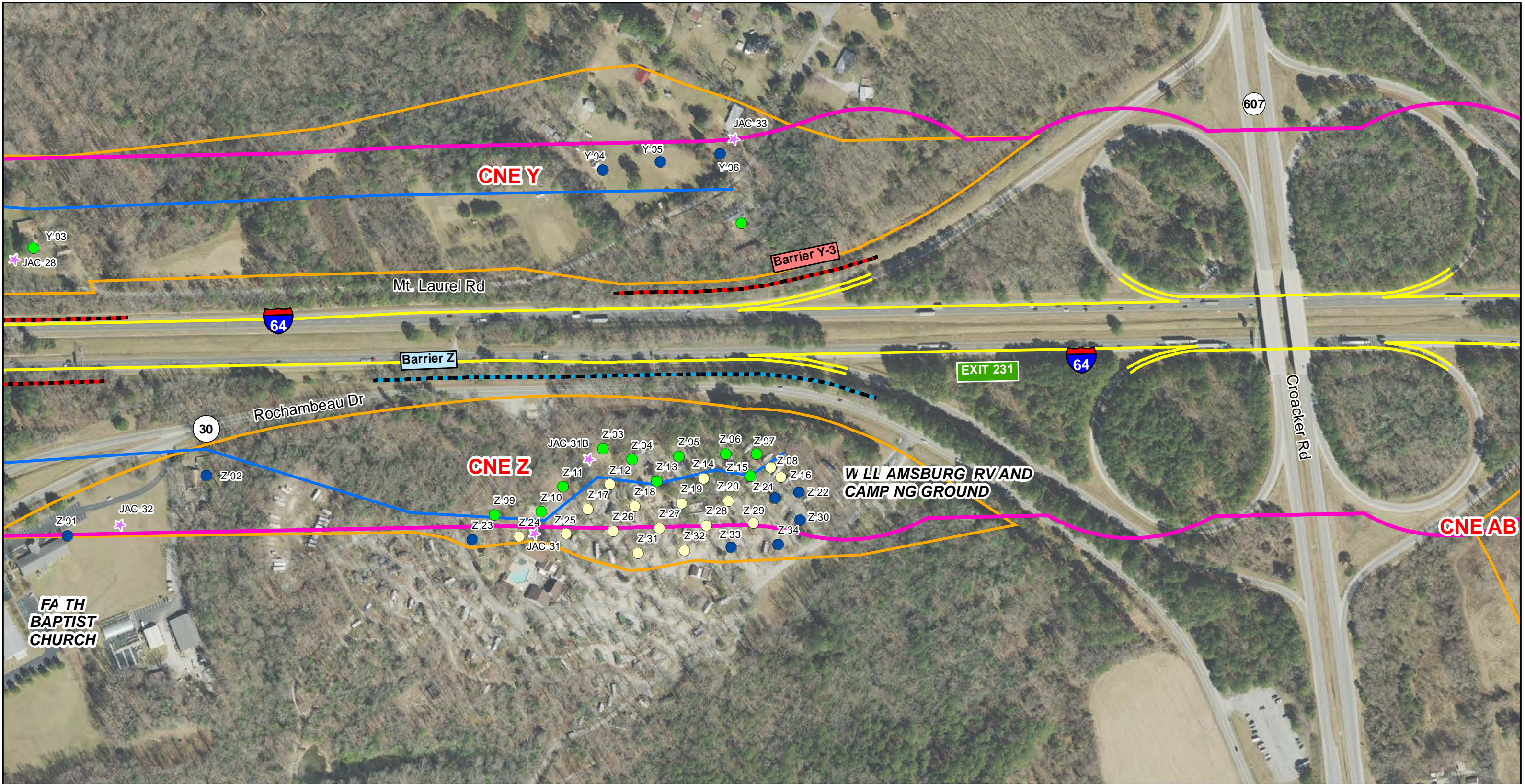
0 400 800  
Feet

Source:VDOT, VGIN

- Common Noise Environment
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**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers  
Segment C**

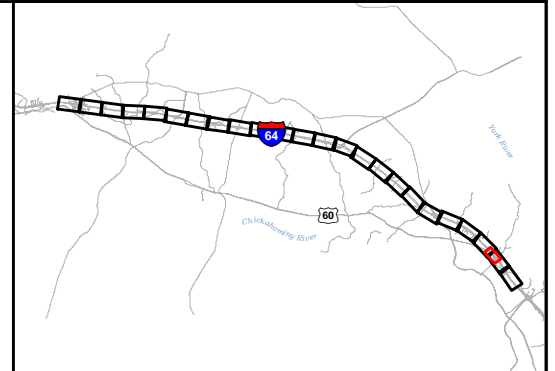
Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234

VDOT Project No.00064-800-25632396, UPC 109885

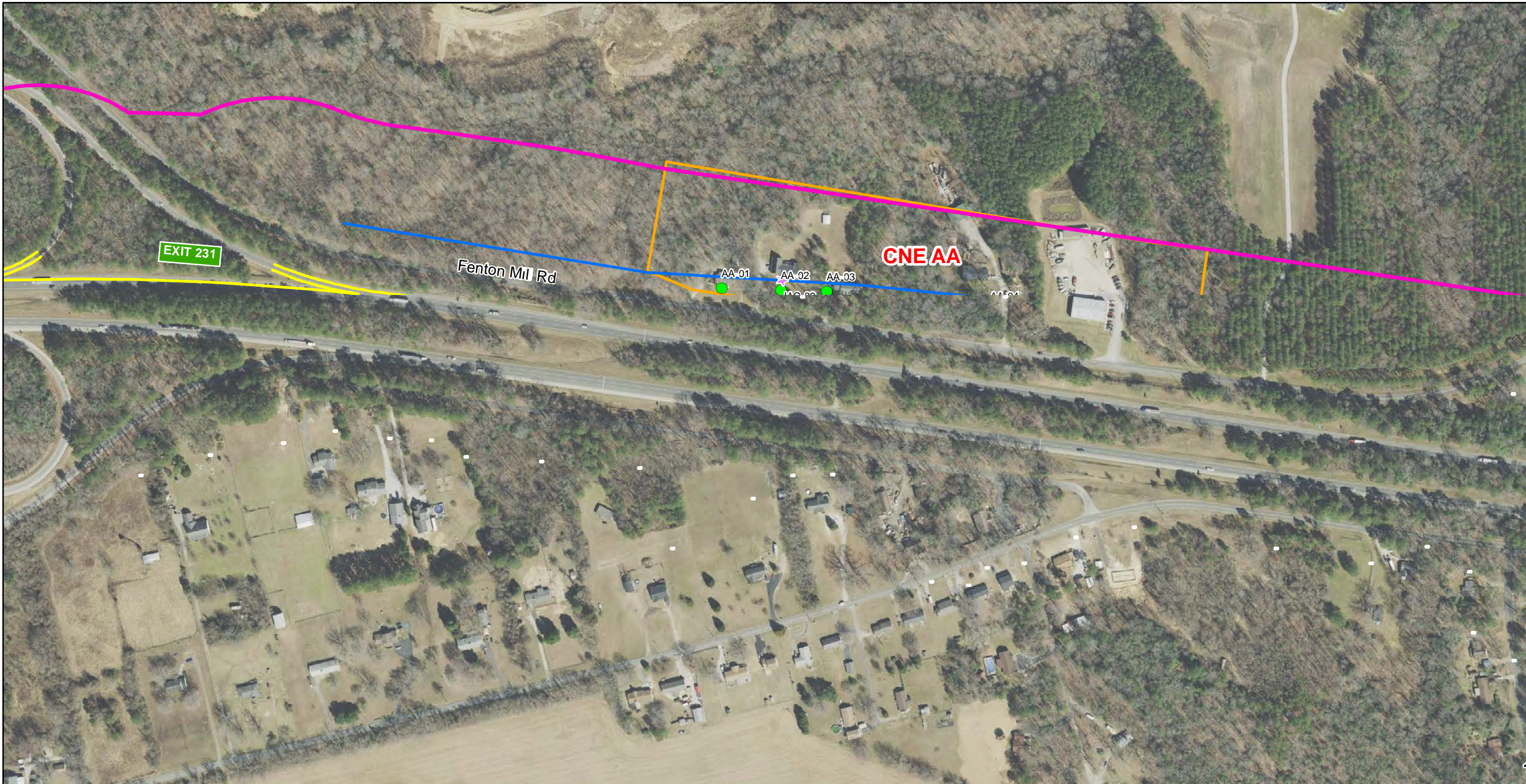
0 400 800  
Feet

Source:VDOT, VGIN

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- Proposed Edge of Pavement
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- Not Impacted, Not Benefited







**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers**

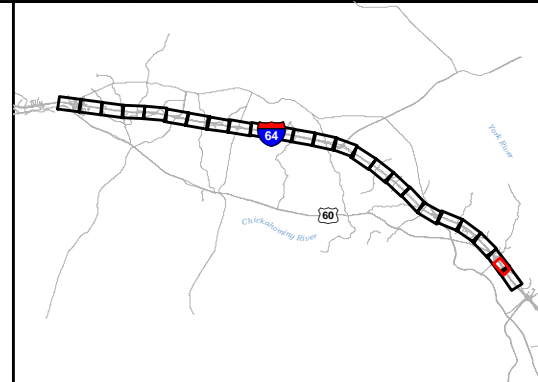
**Segment C**

Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234  
VDOT Project No.00064-800-25632396, UPC 109885

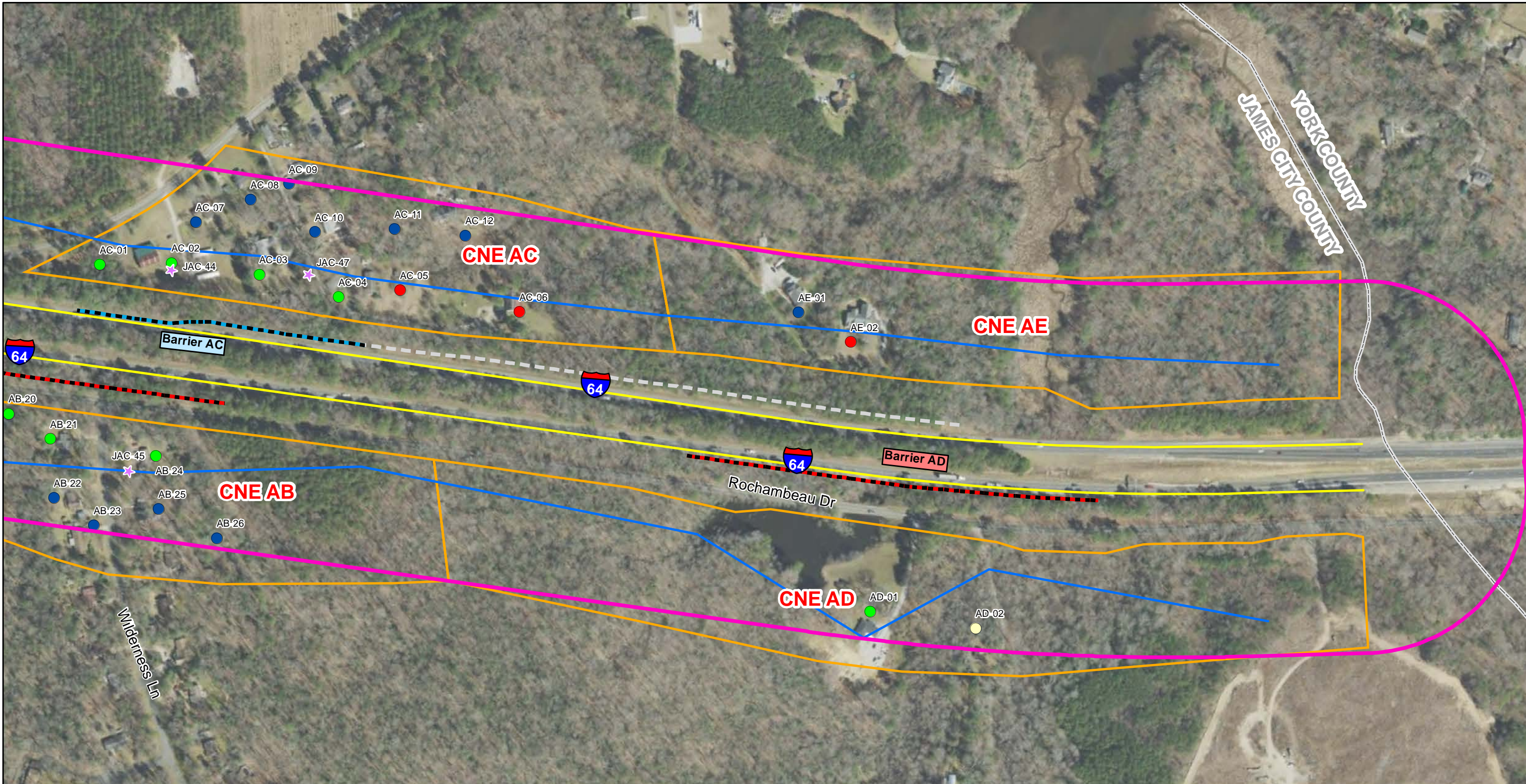
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Feet

Source:VDOT, VGIN

- Common Noise Environment
  - Proposed Edge of Pavement
  - County Boundary
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**Interstate 64 Improvements  
Exit 205 to Exit 234**

**Common Noise Environments, Noise  
Receptors and Proposed Barriers  
Segment C**

Virginia Department of Transportation  
Interstate 64 Improvements: Exit 205 to Exit 234

VDOT Project No.00064-800-25632396, UPC 109885

0 410 820  
Feet

Source:VDOT, VGIN

- Common Noise Environment
- Proposed Edge of Pavement
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- 500-ft Buffer
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