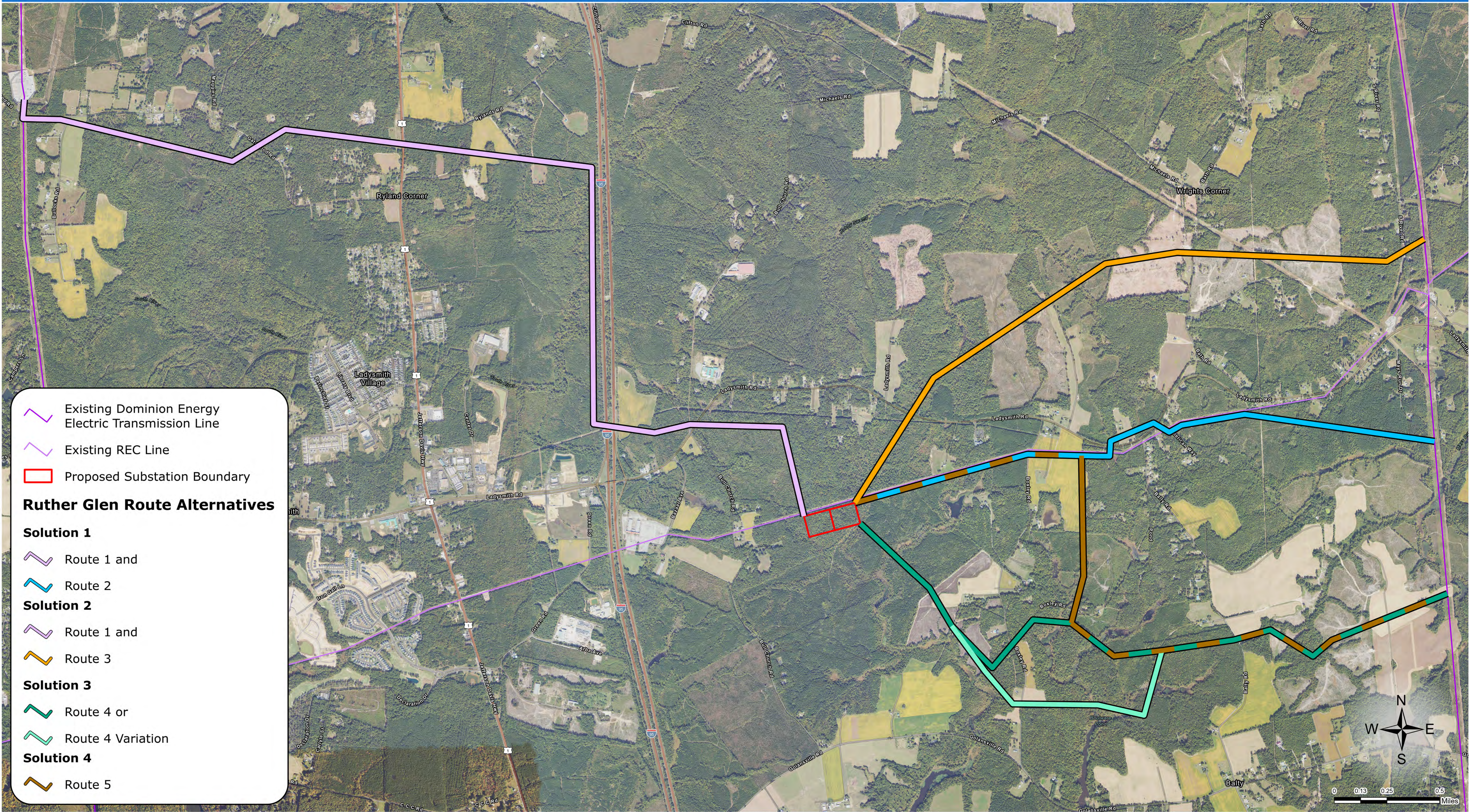


Project Overview

Ruther Glen 230 kV Electric Transmission Project



- Existing Dominion Energy Electric Transmission Line
- Existing REC Line
- Proposed Substation Boundary

Ruther Glen Route Alternatives

Solution 1

- Route 1 and
- Route 2

Solution 2

- Route 1 and
- Route 3

Solution 3

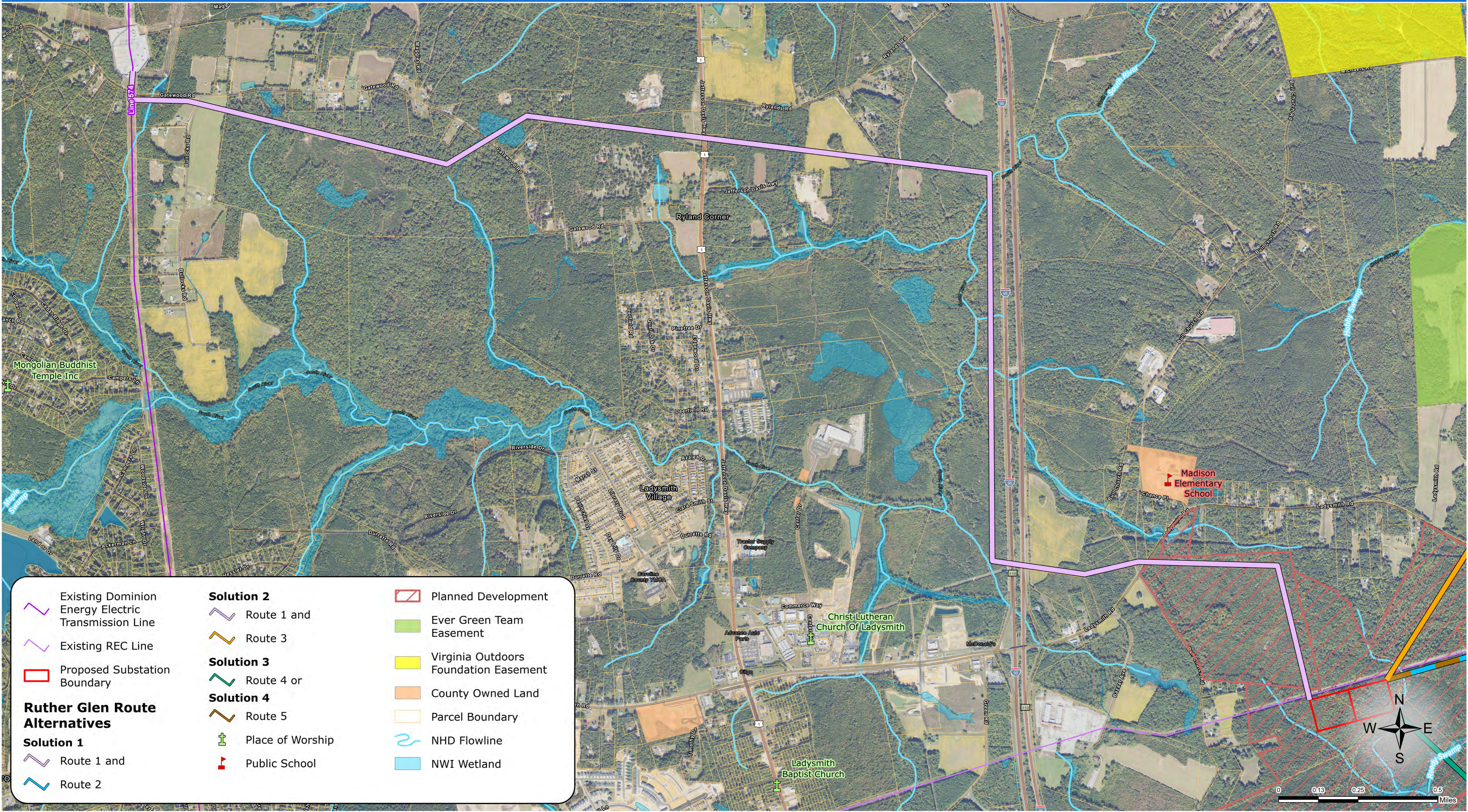
- Route 4 or
- Route 4 Variation

Solution 4

- Route 5

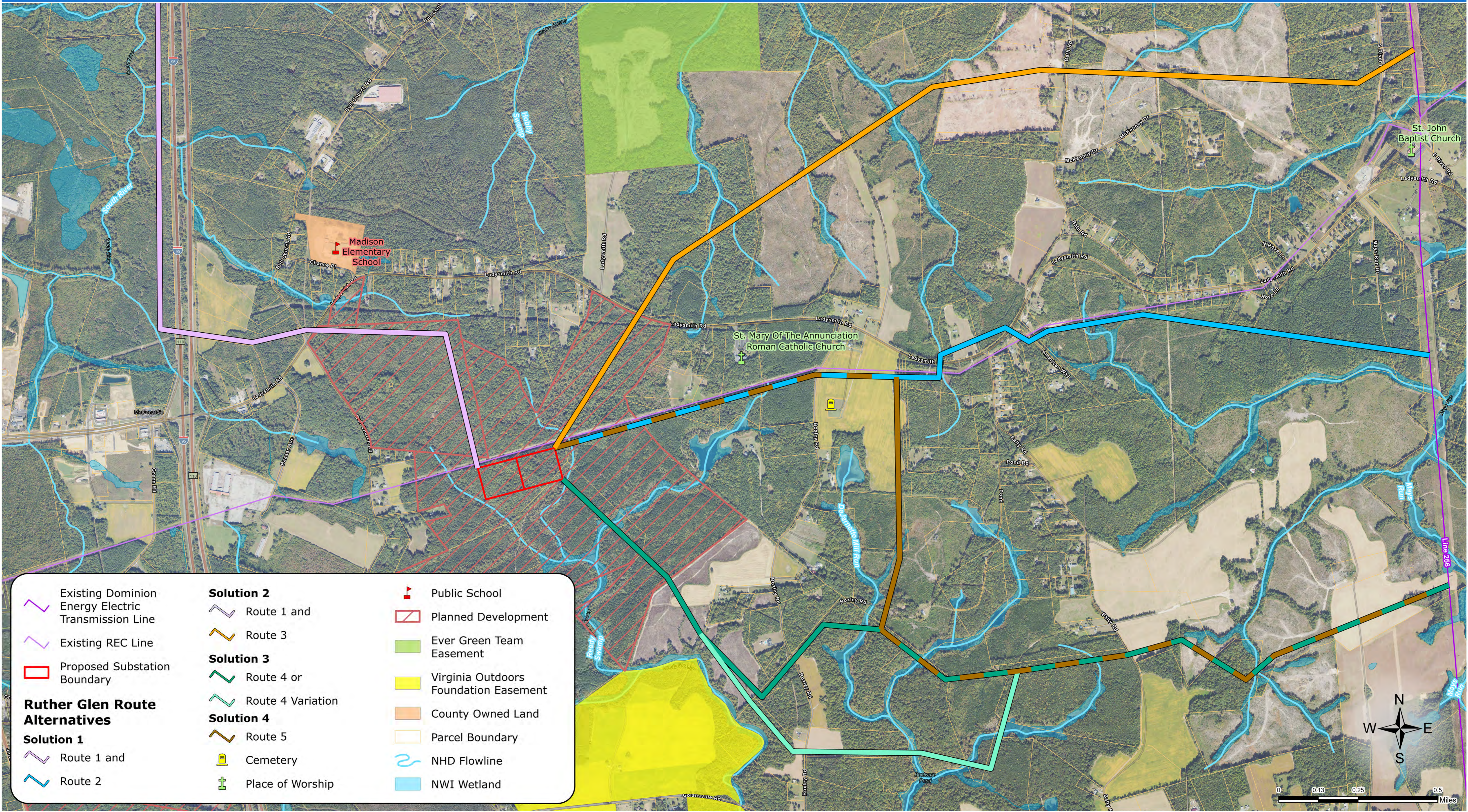
Project Constraints 1

Ruther Glen 230 kV Electric Transmission Project



Project Constraints 1

Ruther Glen 230 kV Electric Transmission Project





**Dominion
Energy®**



Parcel Map 1

Ruther Glen 230 kV Electric Transmission Project



Existing Dominion Energy Electric Transmission Line

Existing REC Line

Proposed Substation Boundary

Ruther Glen Route Alternatives

Solution 1

Route 1 and 100ft Right-of-Way

Route 2 and 100ft Right-of-Way

Solution 2

Route 1 and 100ft Right-of-Way

Route 3 and 100ft Right-of-Way

Solution 3

Route 4 and 160ft Right-of-Way or

Route 4 Variation and 160ft Right-of-Way

Solution 4

Route 5 and 160ft Right-of-Way

Cemetery

Place of Worship

Public School

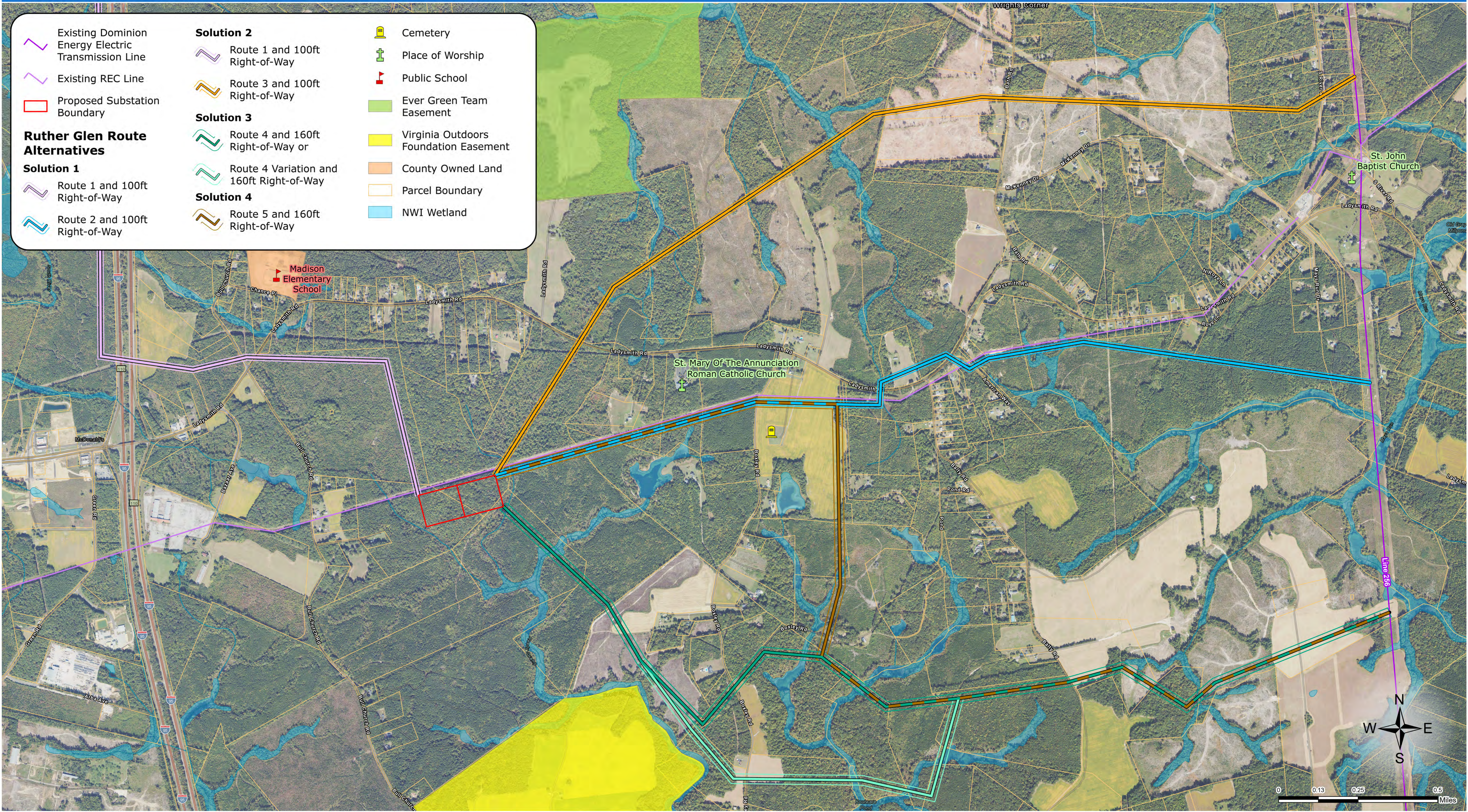
Ever Green Team Easement

Virginia Outdoors Foundation Easement

County Owned Land

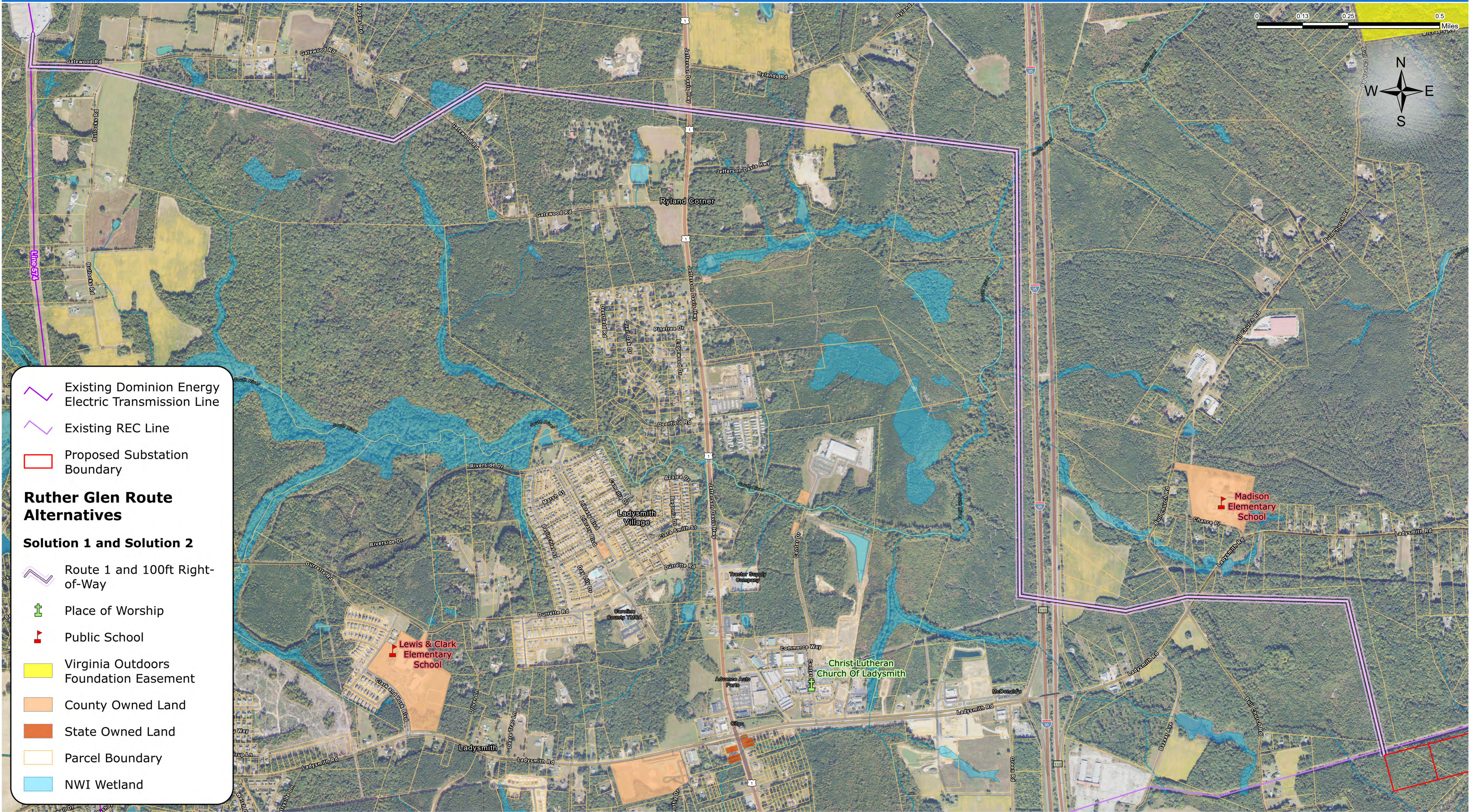
Parcel Boundary

NWI Wetland



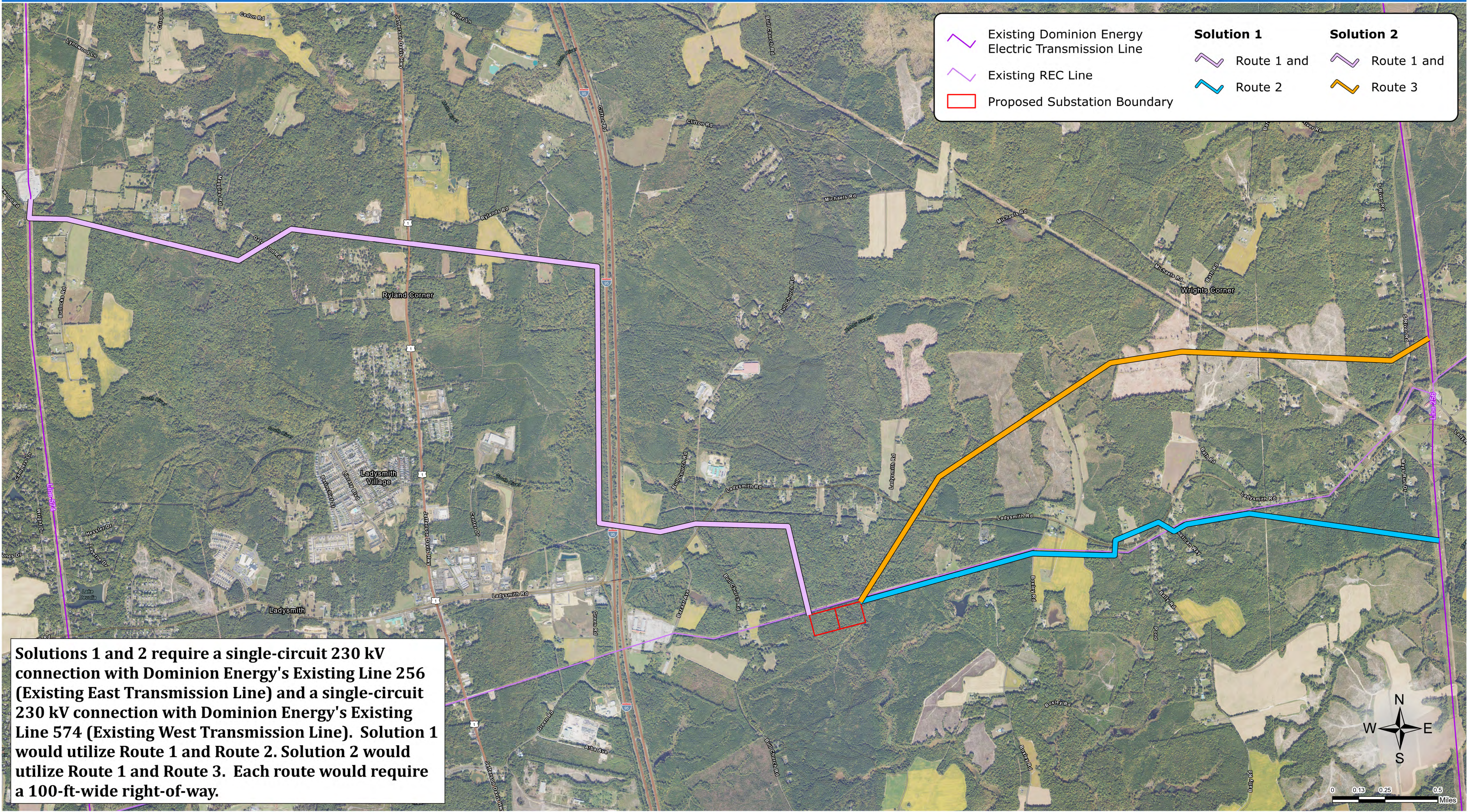
Parcel Map 2

Ruther Glen 230 kV Electric Transmission Project



Ruther Glen Solutions 1 and 2

Ruther Glen 230 kV Electric Transmission Project



Existing Dominion Energy Electric Transmission Line

Existing REC Line

Proposed Substation Boundary

Solution 1
 Route 1 and
 Route 2

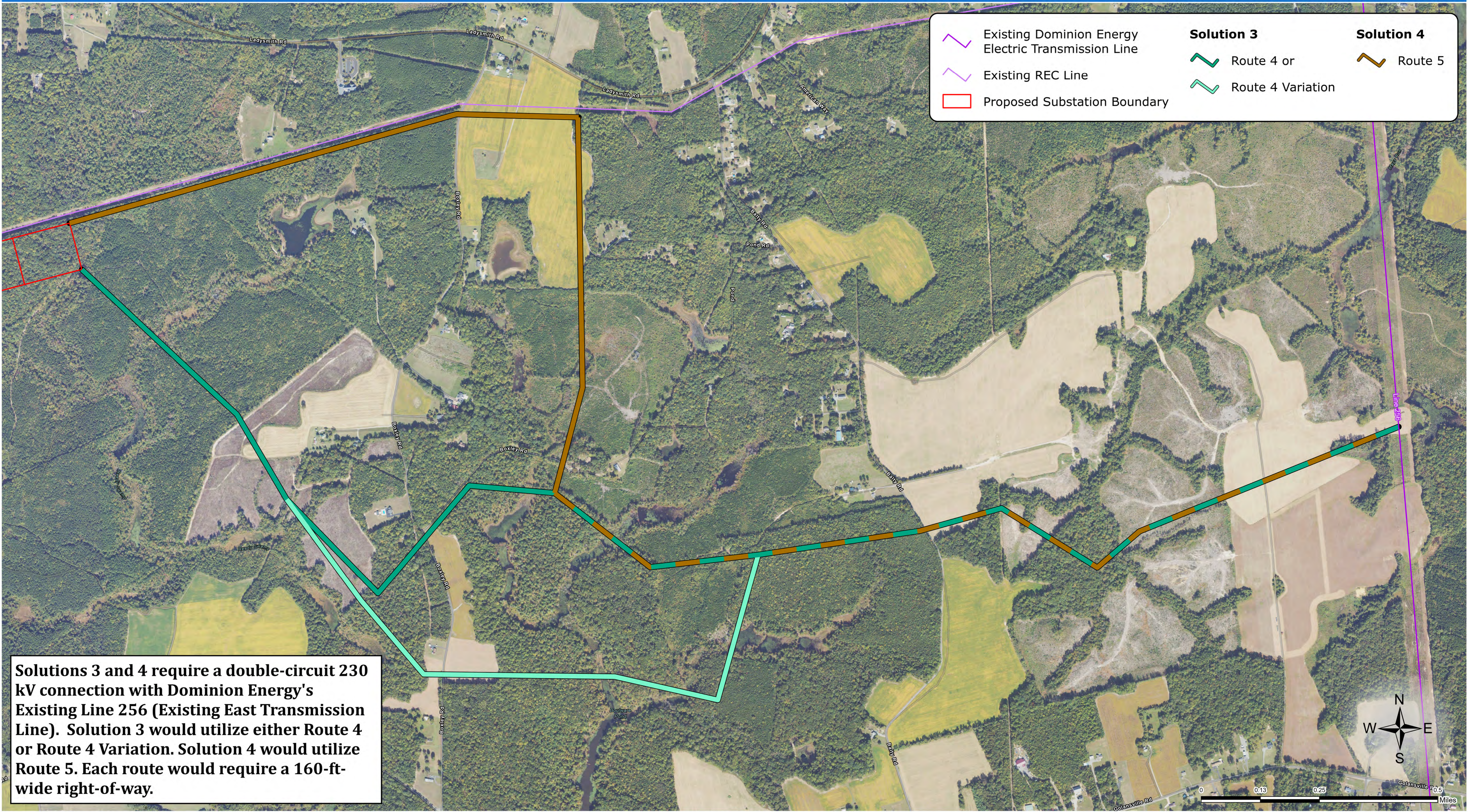
Solution 2
 Route 1 and
 Route 3

Solutions 1 and 2 require a single-circuit 230 kV connection with Dominion Energy's Existing Line 256 (Existing East Transmission Line) and a single-circuit 230 kV connection with Dominion Energy's Existing Line 574 (Existing West Transmission Line). Solution 1 would utilize Route 1 and Route 2. Solution 2 would utilize Route 1 and Route 3. Each route would require a 100-ft-wide right-of-way.



Ruther Glen Solutions 3 and 4

Ruther Glen 230 kV Electric Transmission Project



Solutions 3 and 4 require a double-circuit 230 kV connection with Dominion Energy's Existing Line 256 (Existing East Transmission Line). Solution 3 would utilize either Route 4 or Route 4 Variation. Solution 4 would utilize Route 5. Each route would require a 160-ft-wide right-of-way.