

Project Overview

Golden-Mars 500-230 kV Electric Transmission Project



Golden-Mars Project Components

Proposed 500 kV Substation

Preliminary 500-230 kV Routes

Route 1

Route 2

Route 3

Route 4

Dulles Center Variation

Digital Dulles 230 kV Loop

Route 1

Lockridge 230 kV Lines

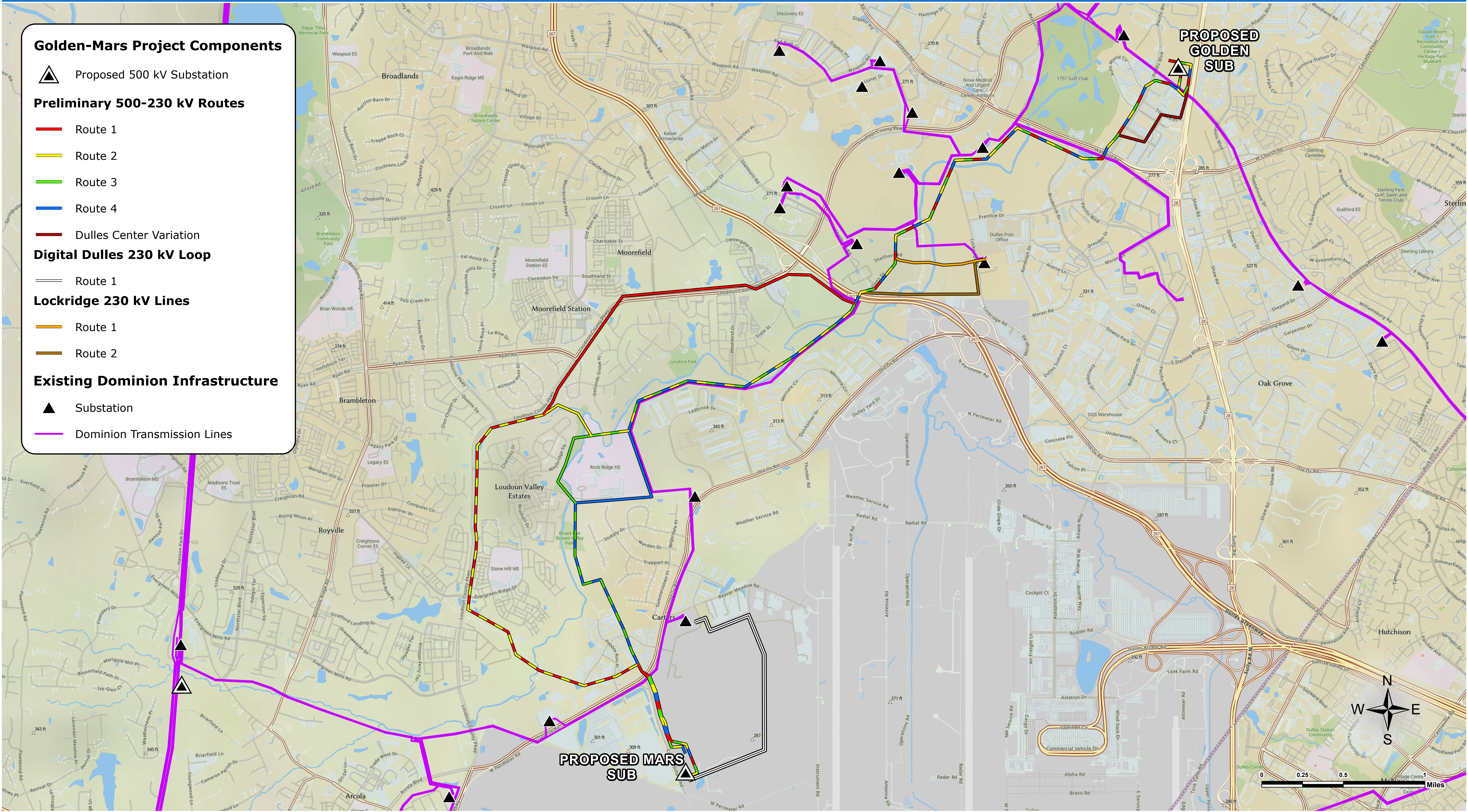
Route 1

Route 2

Existing Dominion Infrastructure

Substation

Dominion Transmission Lines



Map Index

Golden-Mars 500-230 kV Electric Transmission Project



Golden-Mars Project Components

▲ Proposed 500 kV Substation

Preliminary 500-230 kV Routes

— Route 1

— Route 2

— Route 3

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— Dulles Center Variation

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Lockridge 230 kV Lines

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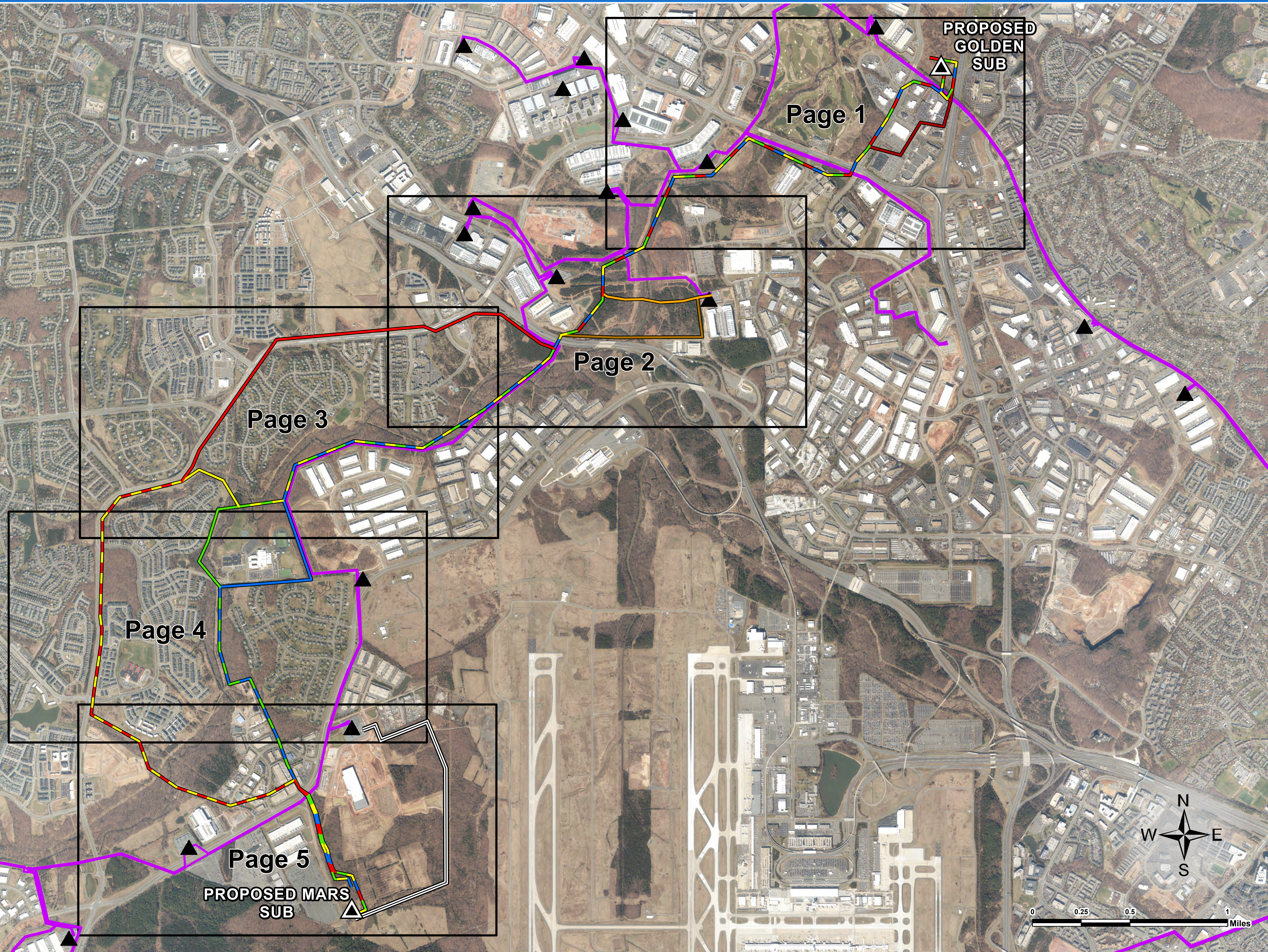
— Route 2

Existing Dominion Infrastructure

▲ Substation

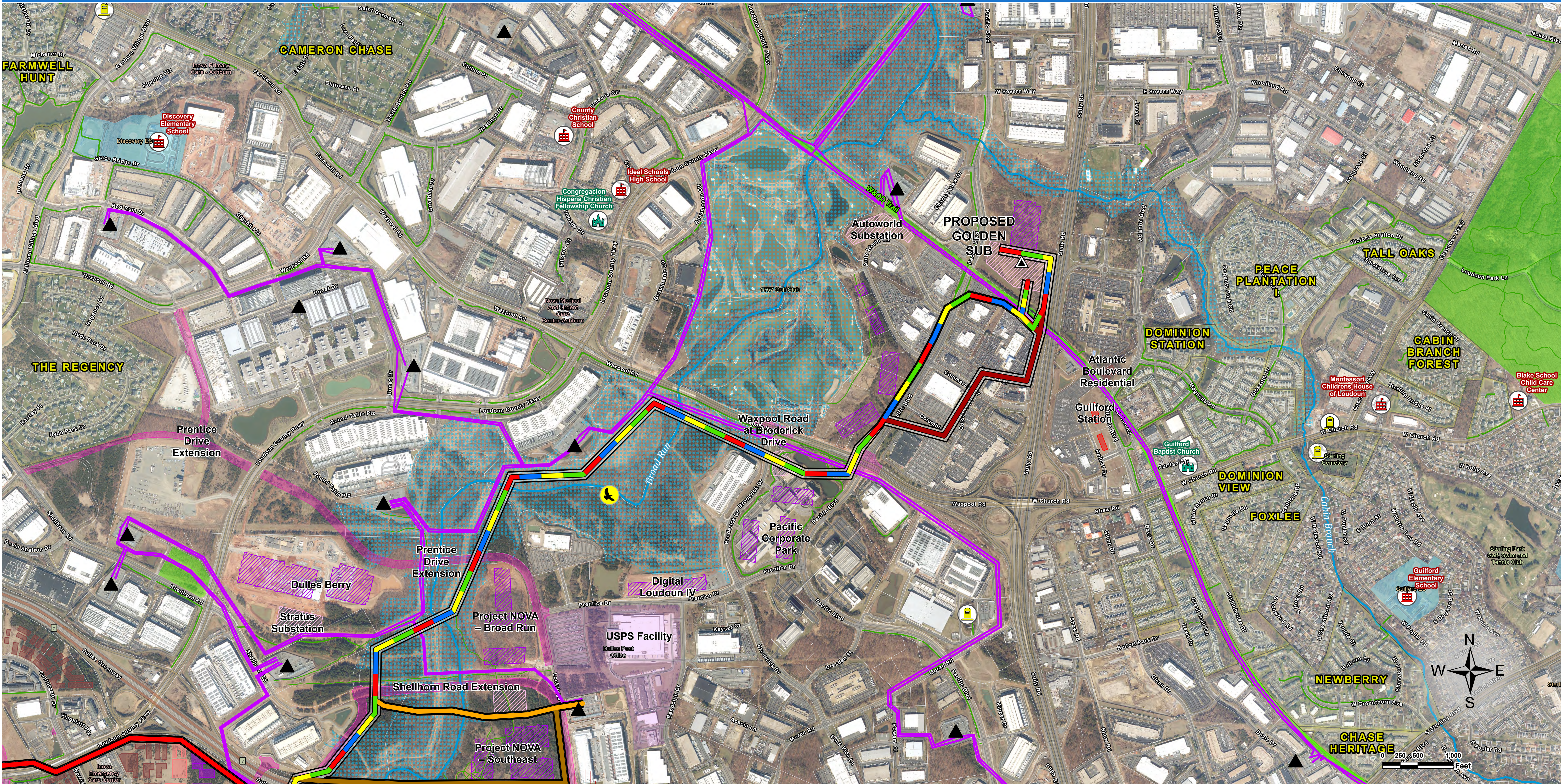
— Dominion Transmission Lines

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Golden-Mars 500-230 kV Electric Transmission Project



Golden-Mars Preliminary 500-230 kV Routes

- Route 1
- Route 2
- Route 3
- Route 4
- Dulles Center Variation

Lockridge 230 kV Lines

- Route 1
- Route 2

Dominion Infrastructure

- Proposed 500 kV Substation
- Existing Substation
- Dominion Transmission Lines

Constraints

- Bald Eagle Nest
- School
- Place of Worship
- Cemetery

Planned Developments

- Multi Family Buildings
- Mixed Commercial/Residential Building
- Commercial/Office Buildings
- Industrial/Manufacturing
- Data Center
- Substation
- Road

Land Ownership

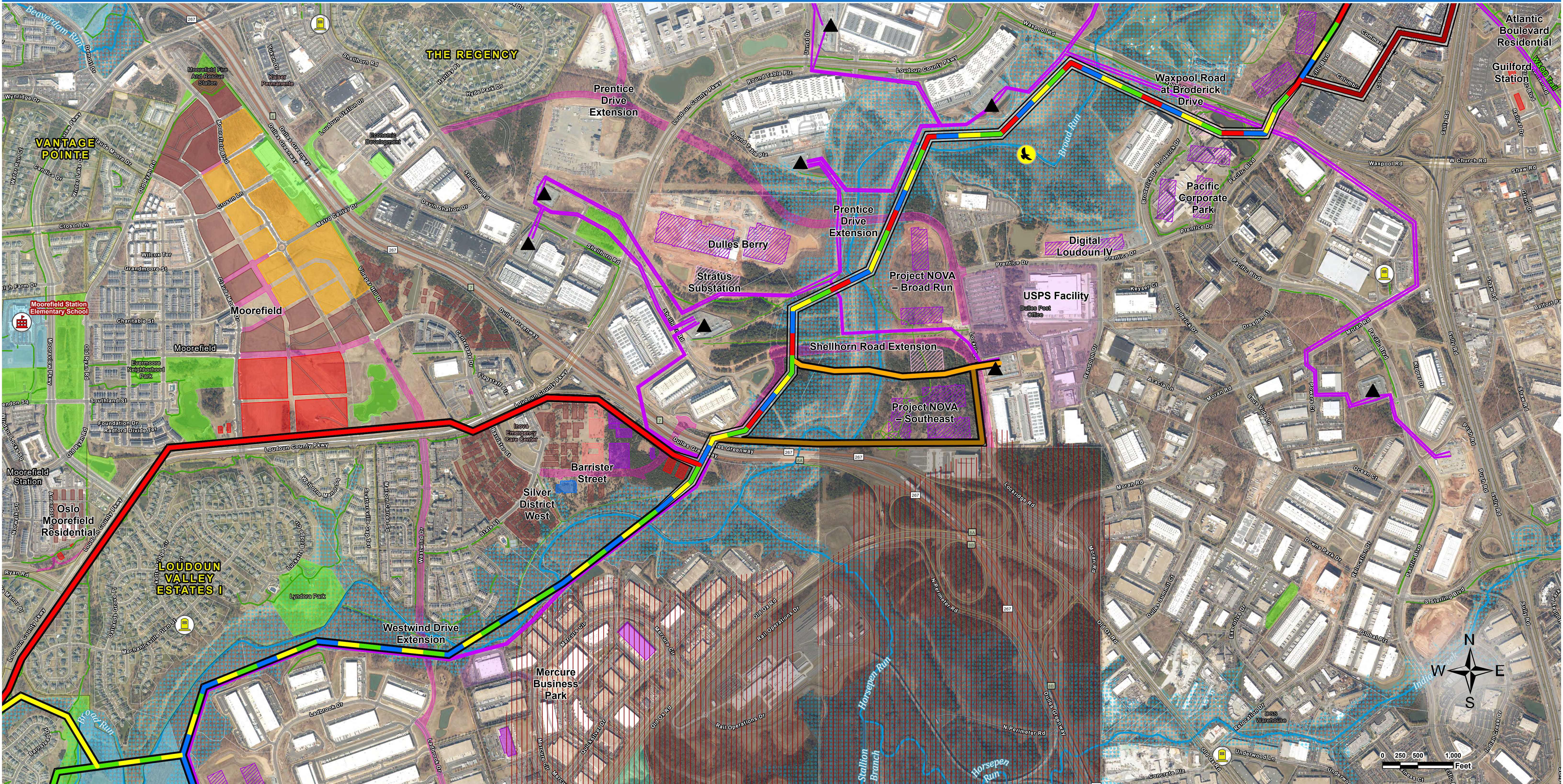
- Loudoun County Parks
- Loudoun County Public Schools
- Federal Land
- Parcels
- Estimated FAA Max Height 150' or Less

Natural Resources

- NHD Streams
- FEMA Floodplains

Map Page 2

Golden-Mars 500-230 kV Electric Transmission Project



Golden-Mars Preliminary 500-230 kV Routes

- Route 1
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Lockridge 230 kV Lines

- Route 1
- Route 2

Dominion Infrastructure

- Existing Substation
- Dominion Transmission Lines

Constraints

- Bald Eagle Nest
- School
- Cemetery

Planned Developments

- Single Family Attached Buildings
- Multi Family Buildings
- Mixed Commercial/Residential Building
- Commercial/Office Buildings
- Industrial/Manufacturing
- Data Center
- Substation
- Public Facilities & Institutions
- Road

Land Ownership

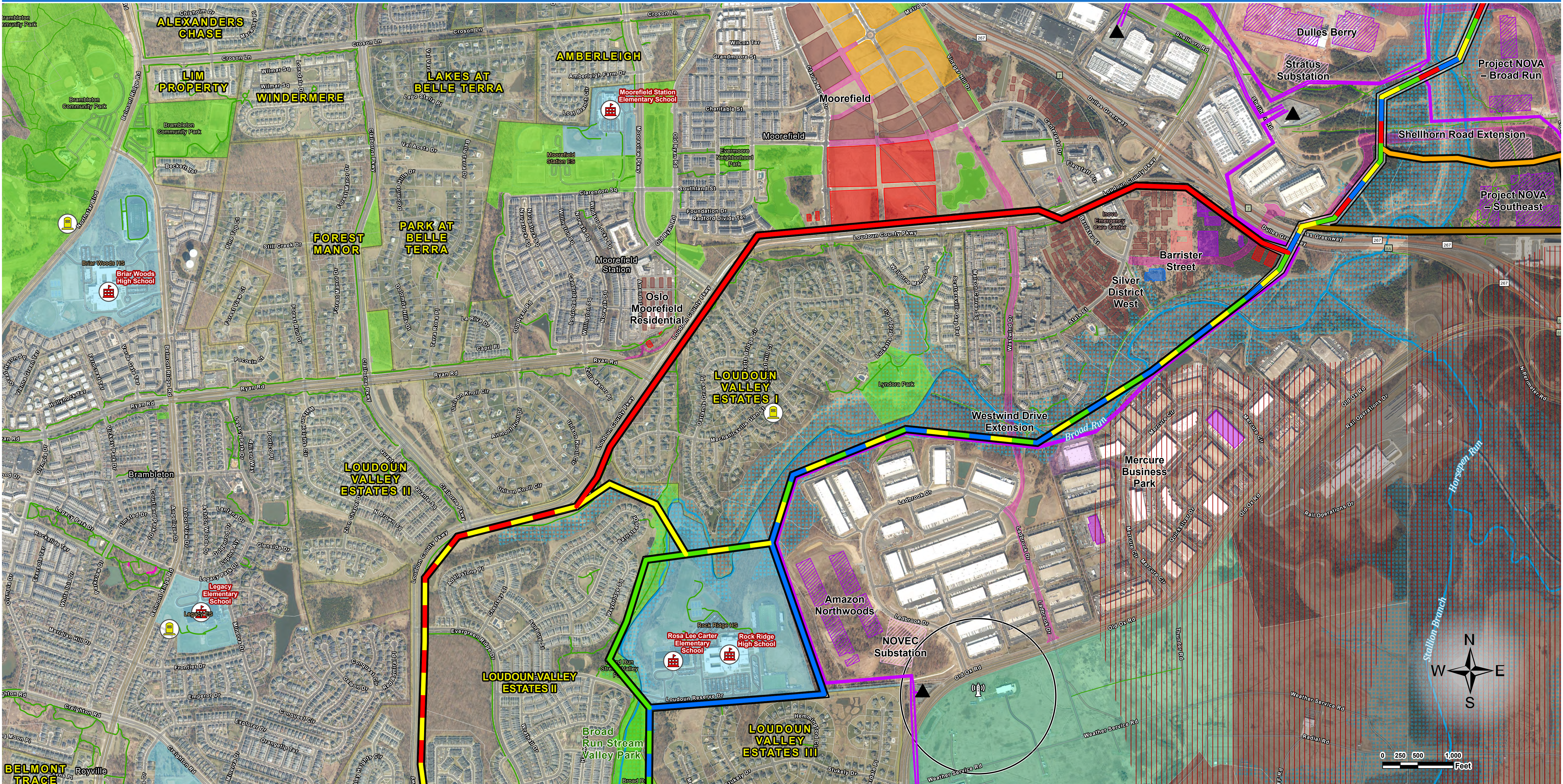
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Golden-Mars Preliminary 500-230 kV Routes

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- Route 3
- Route 4

Lockridge 230 kV Lines

- Route 1
- Route 2

Dominion Infrastructure

- Existing Substation
- Dominion Transmission Lines

Constraints

- NOAA Doppler Radar Tower
- Doppler Buffer (1,100')
- School
- Cemetery

Planned Developments

- Multi Family Buildings
- Mixed Commercial/Residential Building
- Commercial/Office Buildings
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- Data Center
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- Public Facilities & Institutions
- Road

Land Ownership

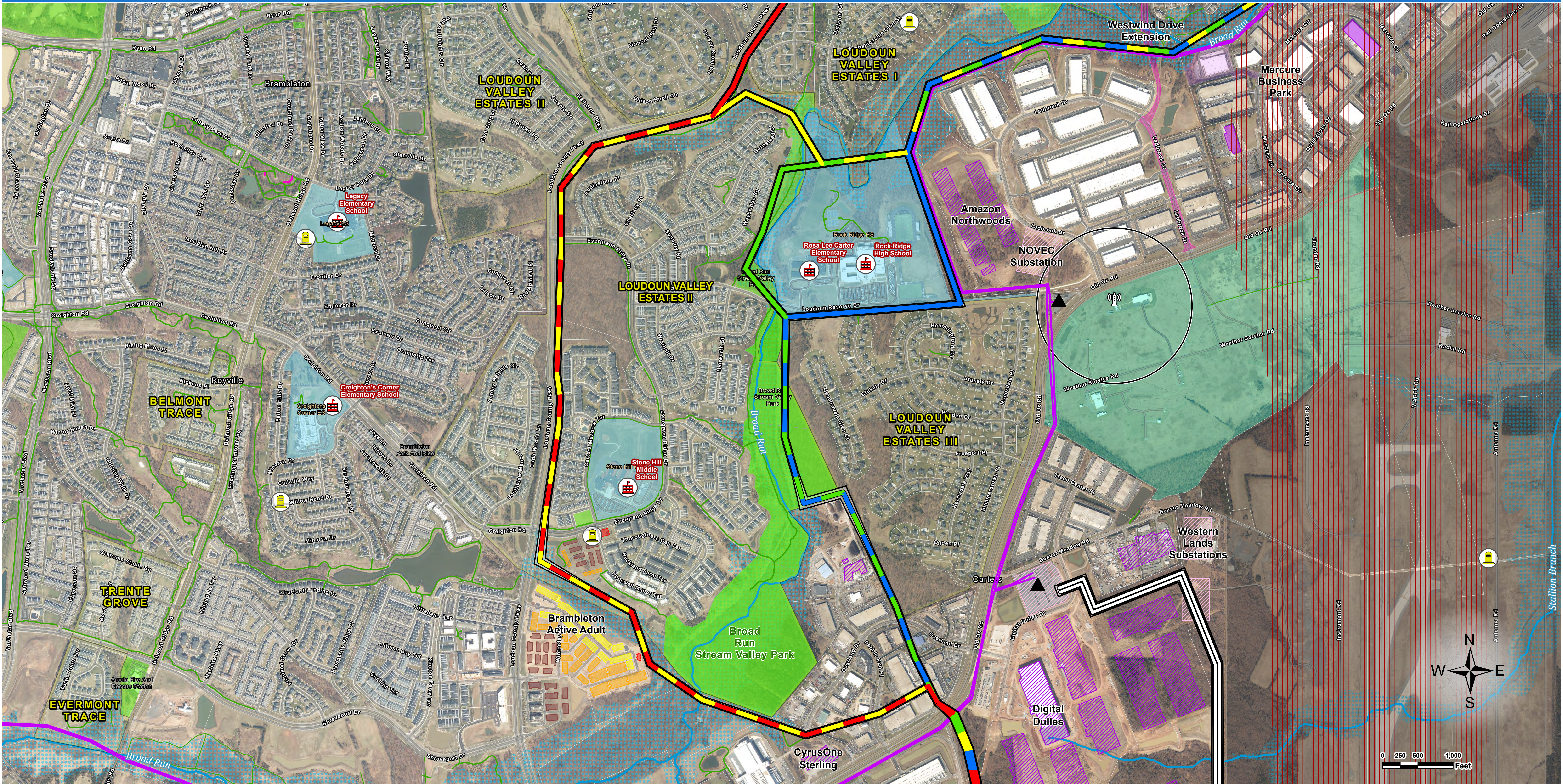
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Digital Dulles 230 kV Loop

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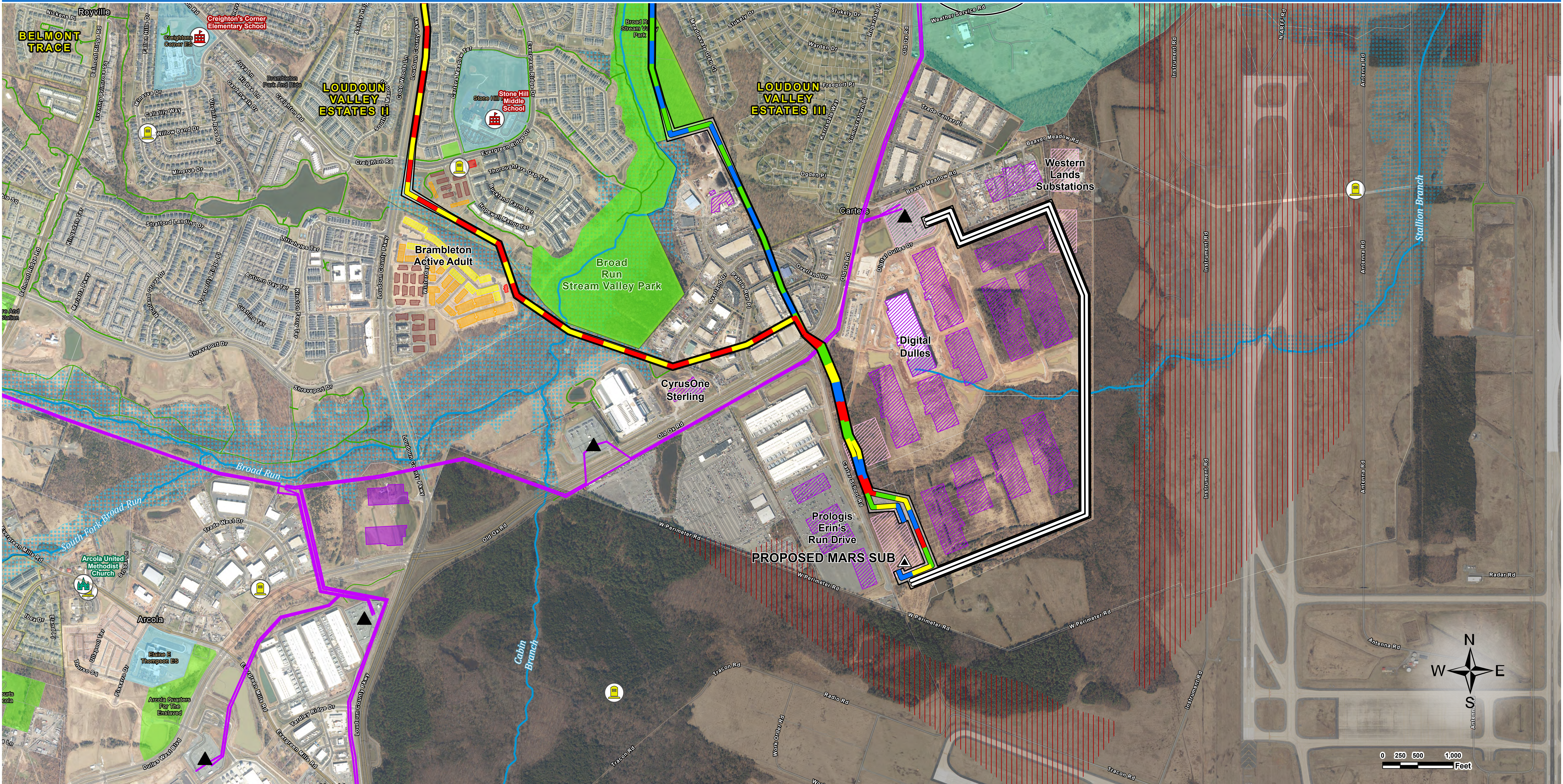
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