

Figure 32. Aerial photograph depicting land use and photo view for 053-6406.



EXISTING CONDITIONS



PROPOSED CONDITIONS

Golden - Mars
500-230 kV
Electric Transmission Project

Loudoun County, Virginia

Dominion Energy

KOP 010

Vantage Data Plz

Figure 33
Route: Golden-Mars Route 3
Date:04/18/2024
Time: 12:10 pm
Viewing Direction: Northwest
Distance to closest feature: 0.48 miles



Legend

- Existing DOM Infrastructure
- Golden-Mars 500-230 kV Electric Transmission Project - Route 3
- KOP View Direction

Note: Project components illustrated are based on proposed preliminary designs
The images contained on this page show the proposed project within a wider landscape context and are not representative of scale and distance when viewed from the actual view point.

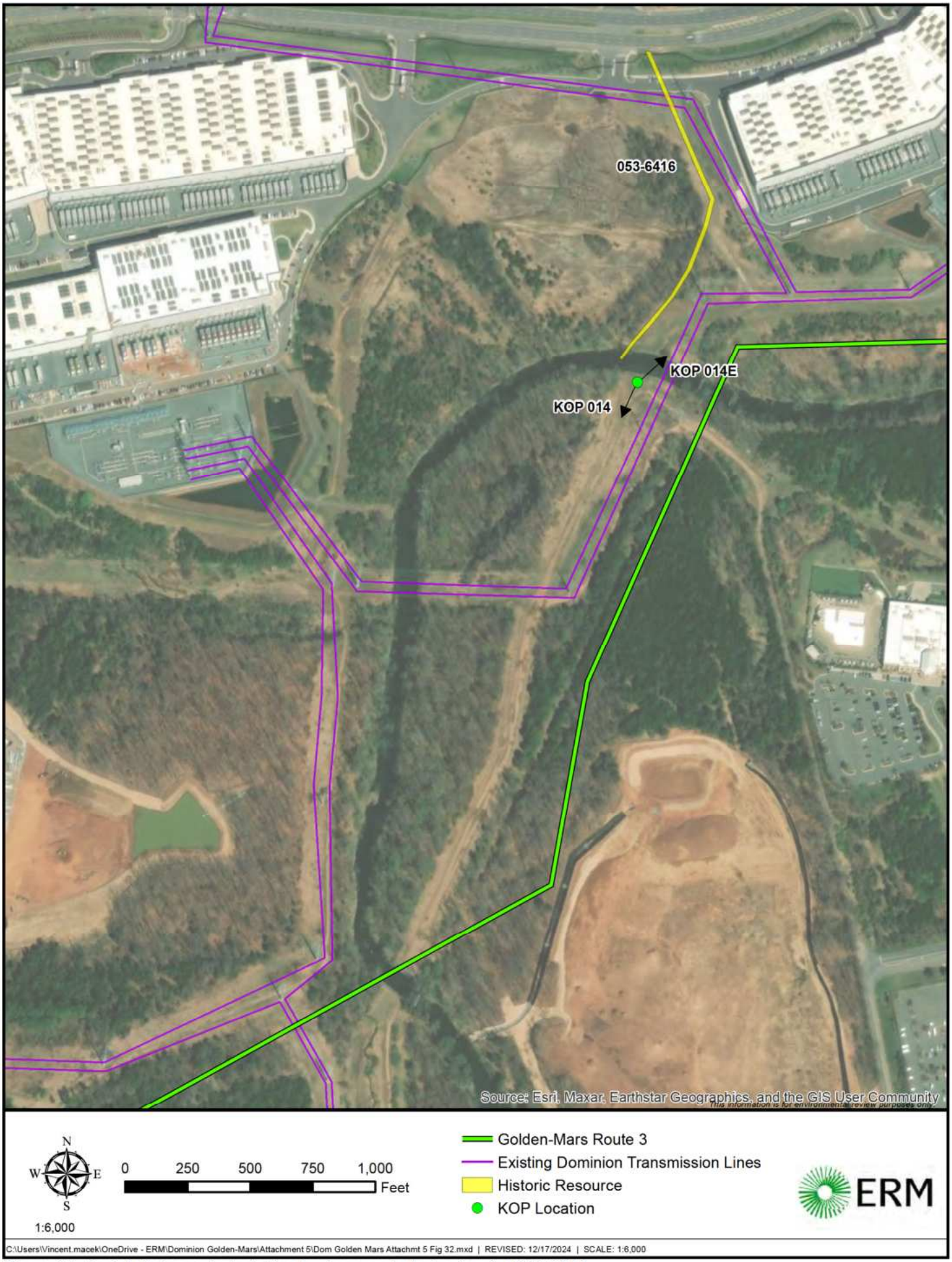


Figure 34. Aerial photograph depicting land use and photo view for 053-6416.



EXISTING CONDITIONS



PROPOSED CONDITIONS

214

Golden - Mars
500-230 kV
Electric Transmission Project

Loudoun County, Virginia

Dominion Energy

KOP 014

Round Table Plz

Figure 35
Route: Golden-Mars Route 3
Date:04/18/2024
Time: 9:53 am
Viewing Direction: South
Distance to closest feature: 0.05 miles



Legend

- Existing DOM Infrastructure
- Golden-Mars 500-230 kV Electric Transmission Project - Route 3
- KOP View Direction

Note: Project components illustrated are based on proposed preliminary designs
The images contained on this page show the proposed project within a wider landscape context and are not representative of scale and distance when viewed from the actual view point.



EXISTING CONDITIONS



PROPOSED CONDITIONS

Golden - Mars
500-230 kV
Electric Transmission Project

Loudoun County, Virginia

Dominion Energy

KOP 014E

Round Table Plz

Figure 36
Route: Golden-Mars Route 3
Date:04/18/2024
Time: 9:53 am
Viewing Direction: South
Distance to closest feature: 0.05 miles



Legend

- Existing DOM Infrastructure
- Golden-Mars 500-230 kV Electric Transmission Project - Route 3
- KOP View Direction

Note: Project components illustrated are based on proposed preliminary designs
The images contained on this page show the proposed project within a wider landscape context and are not representative of scale and distance when viewed from the actual view point.



Figure 37. Aerial photograph depicting land use and photo view for 053-0008.



EXISTING CONDITIONS



YELLOW: PARTIALLY OR FULLY HIDDEN PROJECT INFRASTRUCTURE

Golden - Mars 500-230 kV Electric Transmission Project

Loudoun County, Virginia

Dominion Energy

KOP GE

Vortac Rd

Figure 38
Route: Golden-Mars Route 4
Date:09/21/2024
Time: 10:00 am
Viewing Direction: Northwest
Distance to closest feature: 0.61 miles



Legend

Golden-Mars 500-230 kV Electric Transmission Project - Route 4
KOP View Direction

Note: Project components illustrated are based on proposed preliminary designs
The images contained on this page show the proposed project within a wider landscape context and are not representative of scale and distance when viewed from the actual view point.

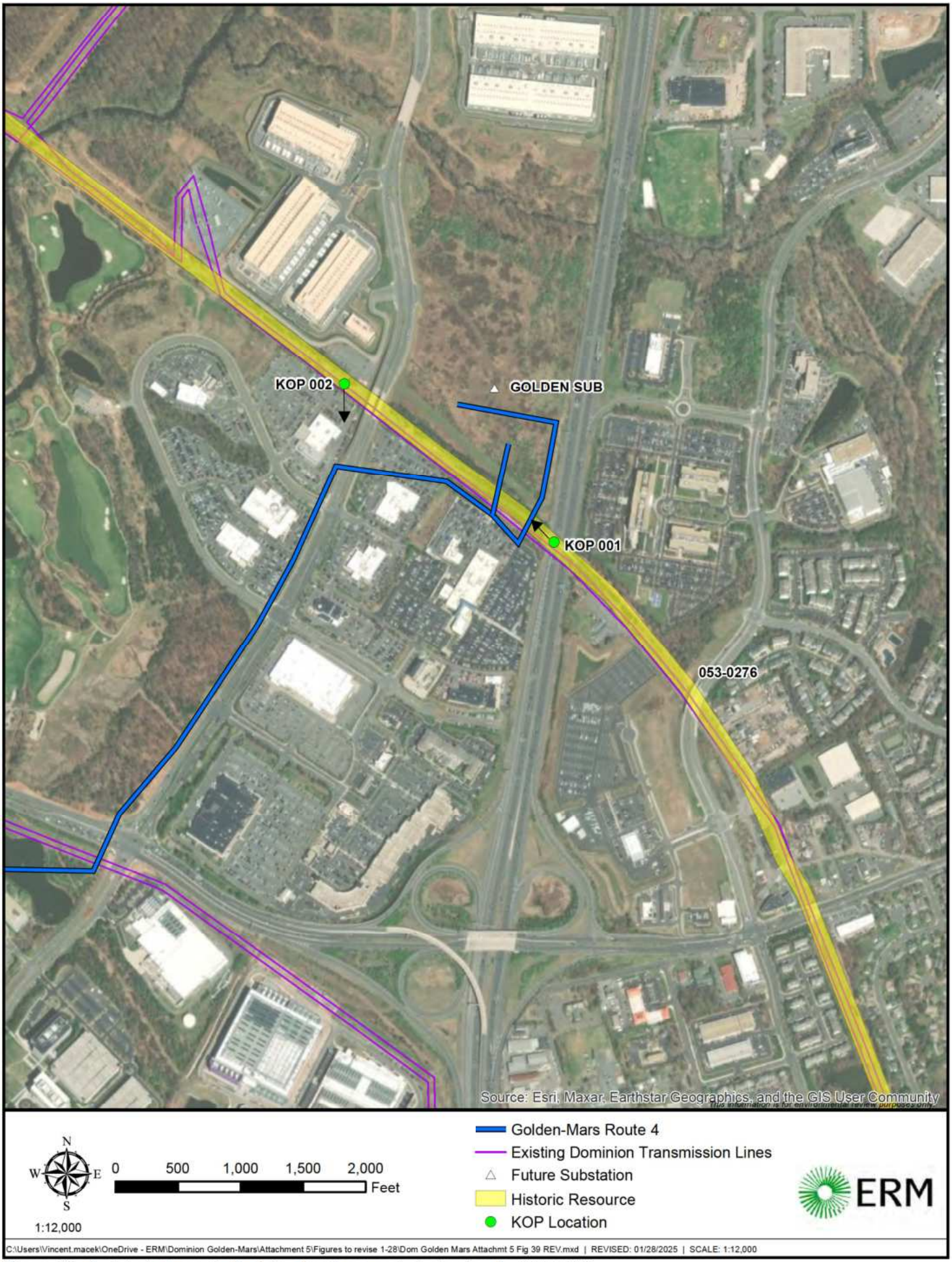


Figure 39. Aerial photograph depicting land use and photo view for 053-0276.



EXISTING CONDITIONS



PROPOSED CONDITIONS

Golden - Mars
500-230 kV
Electric Transmission Project

Loudoun County, Virginia

Dominion Energy

KOP 001

Sully Rd

Figure 40
Route: Golden-Mars Route 4
Date:04/17/2024
Time: 11:22 am
Viewing Direction: Northwest
Distance to closest feature: 0.04 miles



Legend

- Existing DOM Infrastructure
- Golden-Mars 500-230 kV Electric Transmission Project - Route 4
- KOP View Direction

Note: Project components illustrated are based on proposed preliminary designs
The images contained on this page show the proposed project within a wider landscape context and are not representative of scale and distance when viewed from the actual view point.



EXISTING CONDITIONS



PROPOSED CONDITIONS

220

Golden - Mars
500-230 kV
Electric Transmission Project

Loudoun County, Virginia

Dominion Energy

KOP 002

Pacific Blvd

Figure 41
Route: Golden-Mars Route 4
Date:04/17/2024
Time: 10:46 am
Viewing Direction: South
Distance to closest feature: 0.10 miles



Legend

- Existing DOM Infrastructure
- Golden-Mars 500-230 kV Electric Transmission Project - Route 4
- KOP View Direction

Note: Project components illustrated are based on proposed preliminary designs
The images contained on this page show the proposed project within a wider landscape context and are not representative of scale and distance when viewed from the actual view point.



Figure 42. Aerial photograph depicting land use and photo view for 053-0968.





Golden - Mars
500-230 kV
Electric Transmission Project

Loudoun County, Virginia

Dominion Energy

KOP 005

W Church Rd

Figure 43
Route: Golden-Mars Route 4
Date:04/17/2024
Time: 12:49 pm
Viewing Direction: Southeast
Distance to closest feature: 0.58 miles



Note: Project components illustrated are based on proposed preliminary designs
The images contained on this page show the proposed project within a wider landscape context and are not representative of scale and distance when viewed from the actual view point.

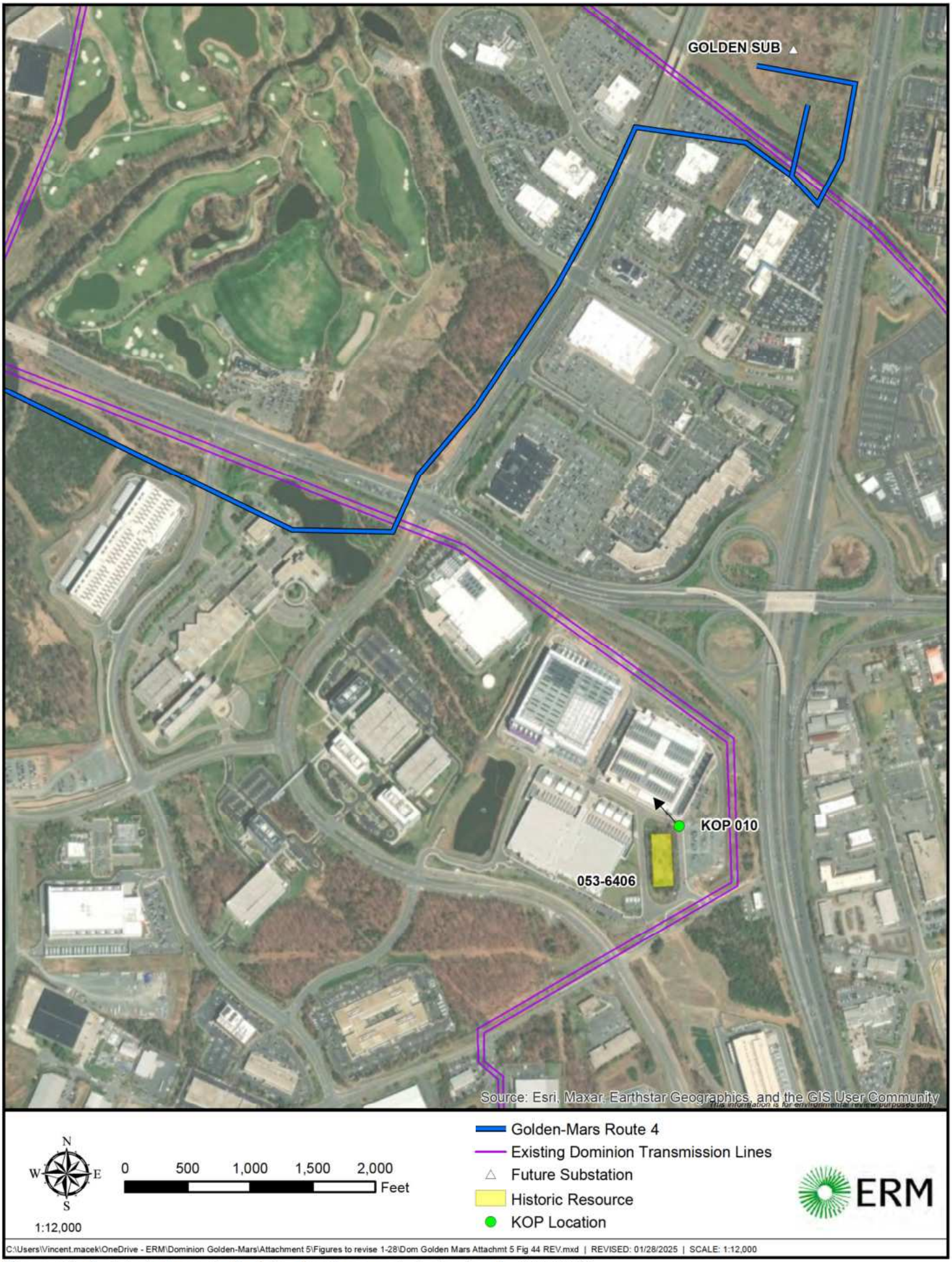


Figure 44. Aerial photograph depicting land use and photo view for 053-6406.



EXISTING CONDITIONS



PROPOSED CONDITIONS

Golden - Mars
500-230 kV
Electric Transmission Project

Loudoun County, Virginia

Dominion Energy

KOP 010

Vantage Data Plz

Figure 45
Route: Golden-Mars Route 4
Date:04/18/2024
Time: 12:10 pm
Viewing Direction: Northwest
Distance to closest feature: 0.48 miles



Legend

- Existing DOM Infrastructure
- Golden-Mars 500-230 kV Electric Transmission Project - Route 4
- KOP View Direction

Note: Project components illustrated are based on proposed preliminary designs
The images contained on this page show the proposed project within a wider landscape context and are not representative of scale and distance when viewed from the actual view point.

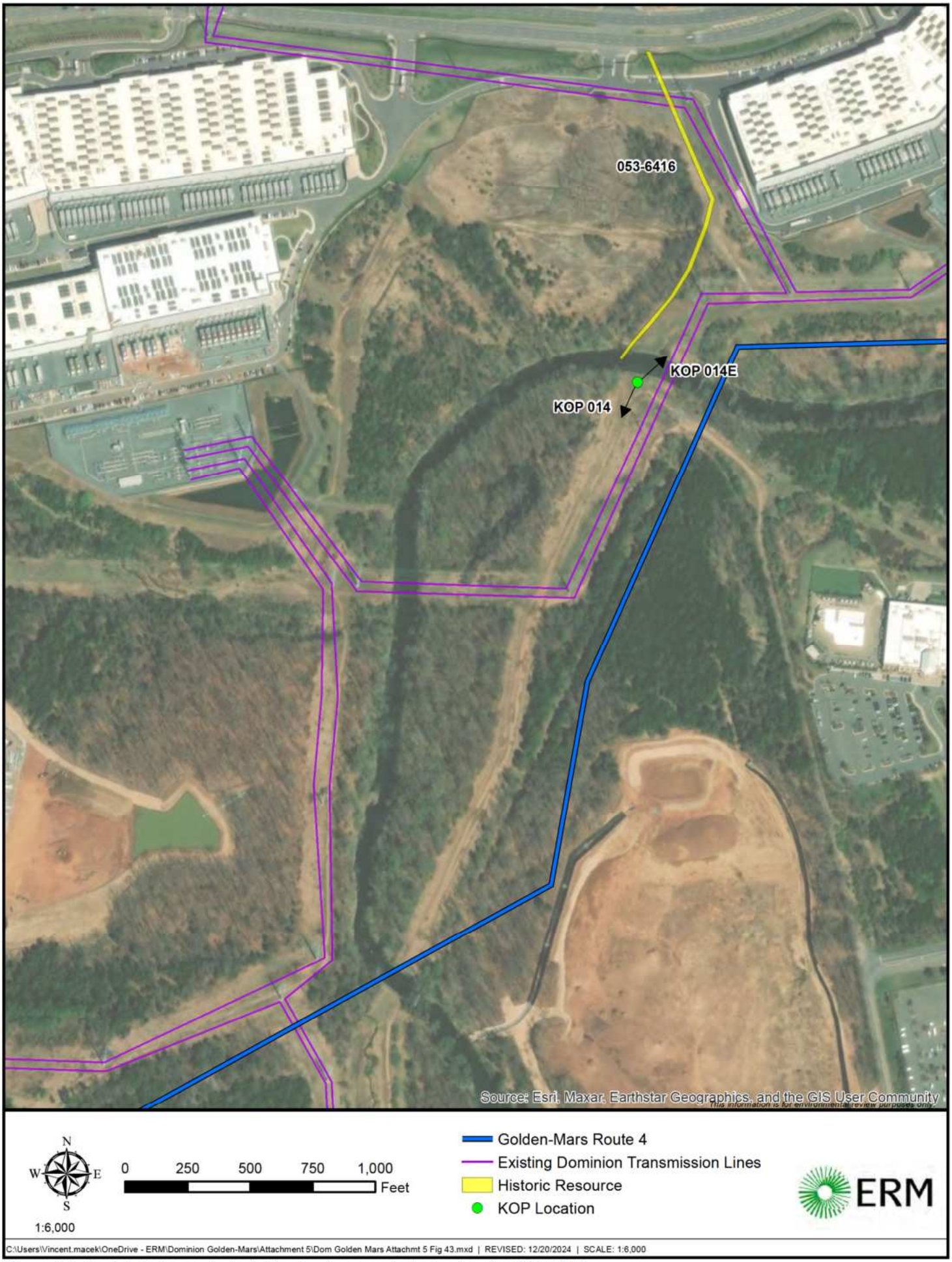


Figure 46. Aerial photograph depicting land use and photo view for 053-6416.



EXISTING CONDITIONS



PROPOSED CONDITIONS

226

Golden - Mars
500-230 kV
Electric Transmission Project

Loudoun County, Virginia

Dominion Energy

KOP 014

Round Table Plz

Figure 47
Route: Golden-Mars Route 4
Date:04/18/2024
Time: 9:53 am
Viewing Direction: South
Distance to closest feature: 0.05 miles



Legend

- Existing DOM Infrastructure
- Golden-Mars 500-230 kV Electric Transmission Project - Route 4
- KOP View Direction

Note: Project components illustrated are based on proposed preliminary designs
The images contained on this page show the proposed project within a wider landscape context and are not representative of scale and distance when viewed from the actual view point.



EXISTING CONDITIONS



PROPOSED CONDITIONS

Golden - Mars
500-230 kV
Electric Transmission Project

Loudoun County, Virginia

Dominion Energy

KOP 014E

Round Table Plz

Figure 48
Route: Golden-Mars Route 4
Date:04/18/2024
Time: 9:53 am
Viewing Direction: South
Distance to closest feature: 0.05 miles



Legend

- Existing DOM Infrastructure
- Golden-Mars 500-230 kV Electric Transmission Project - Route 4
- KOP View Direction

Note: Project components illustrated are based on proposed preliminary designs
The images contained on this page show the proposed project within a wider landscape context and are not representative of scale and distance when viewed from the actual view point.



Figure 49. Aerial photograph depicting land use and photo view for 053-0008.



EXISTING CONDITIONS



YELLOW: PARTIALLY OR FULLY HIDDEN PROJECT INFRASTRUCTURE

Golden - Mars 500-230 kV Electric Transmission Project

Loudoun County, Virginia

Dominion Energy

KOP GE

Vortac Rd

Figure 50
Route: Golden-Mars Route 5
Date:09/21/2024
Time: 10:00 am
Viewing Direction: Northwest
Distance to closest feature: 0.61 miles



Legend

Golden-Mars 500-230 kV Electric Transmission Project - Route 5
KOP View Direction

Note: Project components illustrated are based on proposed preliminary designs
The images contained on this page show the proposed project within a wider landscape context and are not representative of scale and distance when viewed from the actual view point.



Figure 51. Aerial photograph depicting land use and photo view for 053-0276.



EXISTING CONDITIONS



PROPOSED CONDITIONS

Golden - Mars
500-230 kV
Electric Transmission Project

Loudoun County, Virginia

Dominion Energy

KOP 001

Sully Rd

Figure 52
Route: Golden-Mars Route 5
Date:04/17/2024
Time: 11:22 am
Viewing Direction: Northwest
Distance to closest feature: 0.04 miles



Legend

- Existing DOM Infrastructure
- Golden-Mars 500-230 kV Electric Transmission Project - Route 5
- KOP View Direction

Note: Project components illustrated are based on proposed preliminary designs
The images contained on this page show the proposed project within a wider landscape context and are not representative of scale and distance when viewed from the actual view point.



EXISTING CONDITIONS



PROPOSED CONDITIONS

Golden - Mars
500-230 kV
Electric Transmission Project

Loudoun County, Virginia

Dominion Energy

KOP 002

Pacific Blvd

Figure 53
Route: Golden-Mars Route 5
Date:04/17/2024
Time: 10:46 am
Viewing Direction: South
Distance to closest feature: 0.10 miles



Legend

- Existing DOM Infrastructure
- Golden-Mars 500-230 kV Electric Transmission Project - Route 5
- KOP View Direction

Note: Project components illustrated are based on proposed preliminary designs
The images contained on this page show the proposed project within a wider landscape context and are not representative of scale and distance when viewed from the actual view point.



Figure 54. Aerial photograph depicting land use and photo view for 053-0968.





Golden - Mars
500-230 kV
Electric Transmission Project

Loudoun County, Virginia

Dominion Energy

KOP 005

W Church Rd

Figure 55
Route: Golden-Mars Route 5
Date:04/17/2024
Time: 12:49 pm
Viewing Direction: Southeast
Distance to closest feature: 0.58 miles



Note: Project components illustrated are based on proposed preliminary designs
The images contained on this page show the proposed project within a wider landscape context and are not representative of scale and distance when viewed from the actual view point.

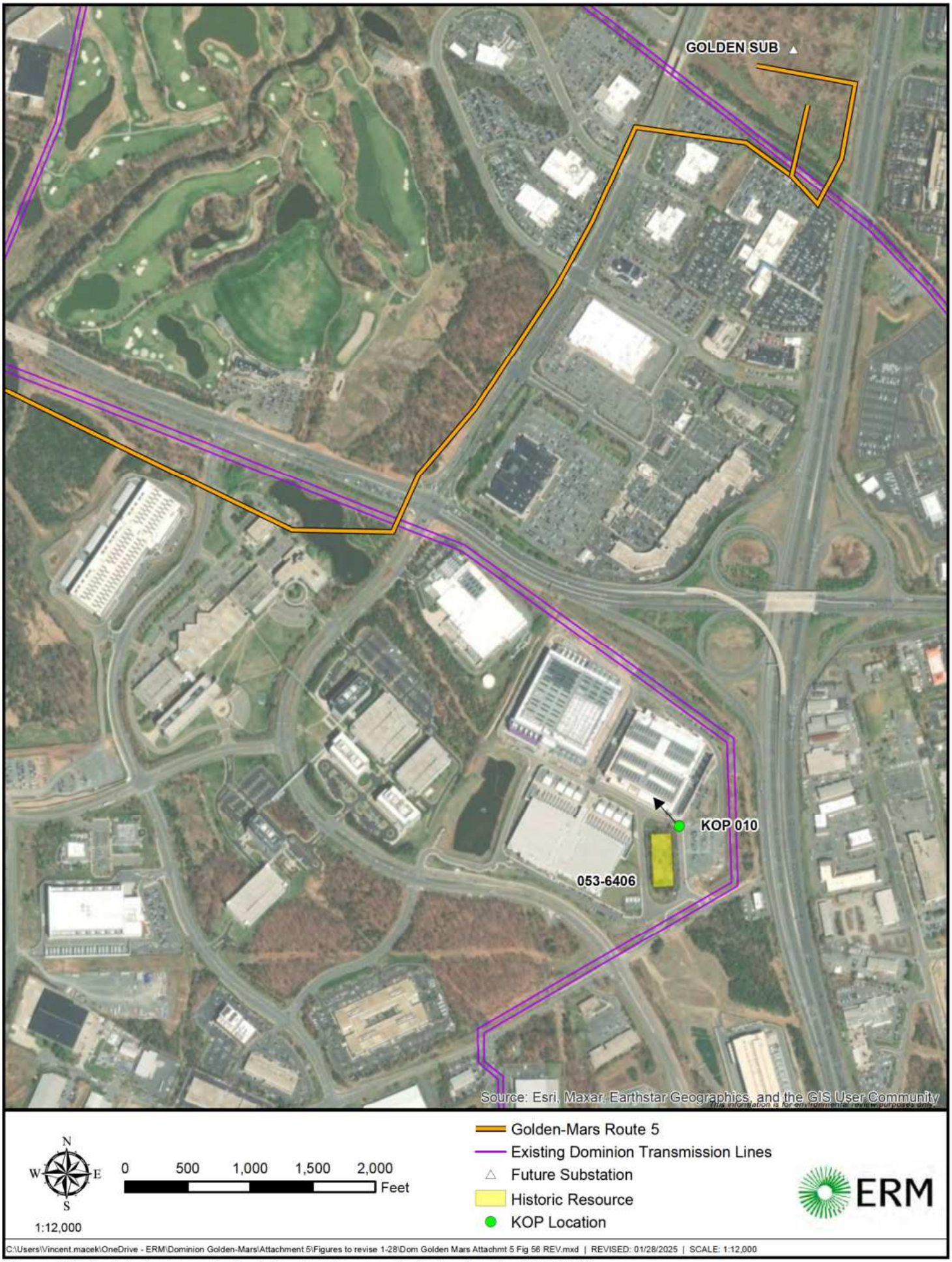


Figure 56. Aerial photograph depicting land use and photo view for 053-6406.



EXISTING CONDITIONS



PROPOSED CONDITIONS

Golden - Mars
500-230 kV
Electric Transmission Project

Loudoun County, Virginia

Dominion Energy

KOP 010

Vantage Data Plz

Figure 57
Route: Golden-Mars Route 5
Date:04/18/2024
Time: 12:10 pm
Viewing Direction: Northwest
Distance to closest feature: 0.48 miles



Legend

- Existing DOM Infrastructure
- Golden-Mars 500-230 kV Electric Transmission Project - Route 5
- KOP View Direction

Note: Project components illustrated are based on proposed preliminary designs
The images contained on this page show the proposed project within a wider landscape context and are not representative of scale and distance when viewed from the actual view point.

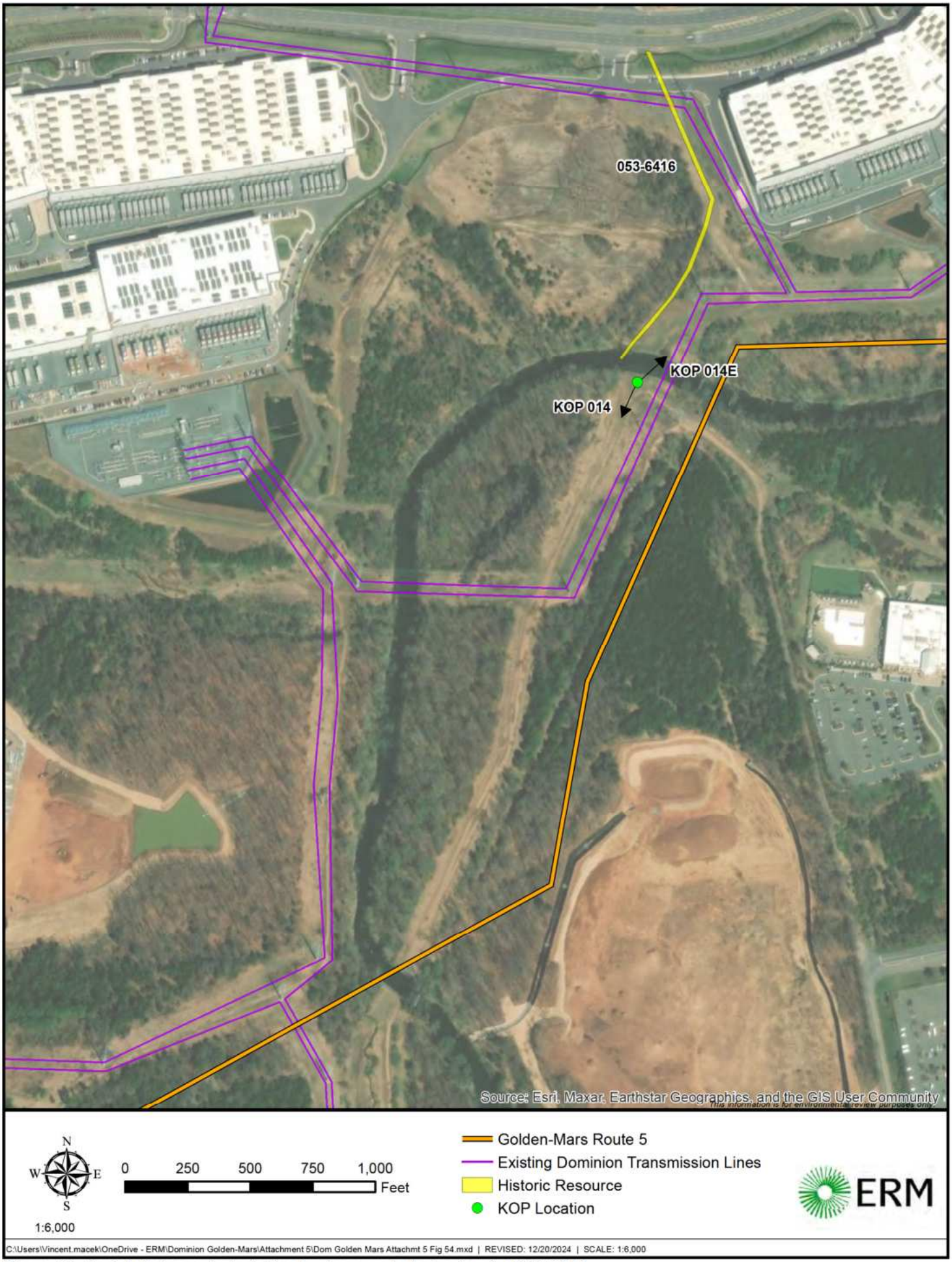


Figure 58. Aerial photograph depicting land use and photo view for 053-6416.



EXISTING CONDITIONS



PROPOSED CONDITIONS

Golden - Mars
500-230 kV
Electric Transmission Project

Loudoun County, Virginia

Dominion Energy

KOP 014

Round Table Plz

Figure 59
Route: Golden-Mars Route 5
Date:04/18/2024
Time: 9:53 am
Viewing Direction: South
Distance to closest feature: 0.05 miles



Legend

- Existing DOM Infrastructure
- Golden-Mars 500-230 kV Electric Transmission Project - Route 5
- KOP View Direction

Note: Project components illustrated are based on proposed preliminary designs
The images contained on this page show the proposed project within a wider landscape context and are not representative of scale and distance when viewed from the actual view point.



EXISTING CONDITIONS



PROPOSED CONDITIONS

Golden - Mars
500-230 kV
Electric Transmission Project

Loudoun County, Virginia

Dominion Energy

KOP 014E

Round Table Plz

Figure 60
Route: Golden-Mars Route 5
Date:04/18/2024
Time: 9:53 am
Viewing Direction: South
Distance to closest feature: 0.05 miles



Legend

- Existing DOM Infrastructure
- Golden-Mars 500-230 kV Electric Transmission Project - Route 5
- KOP View Direction

Note: Project components illustrated are based on proposed preliminary designs
The images contained on this page show the proposed project within a wider landscape context and are not representative of scale and distance when viewed from the actual view point.

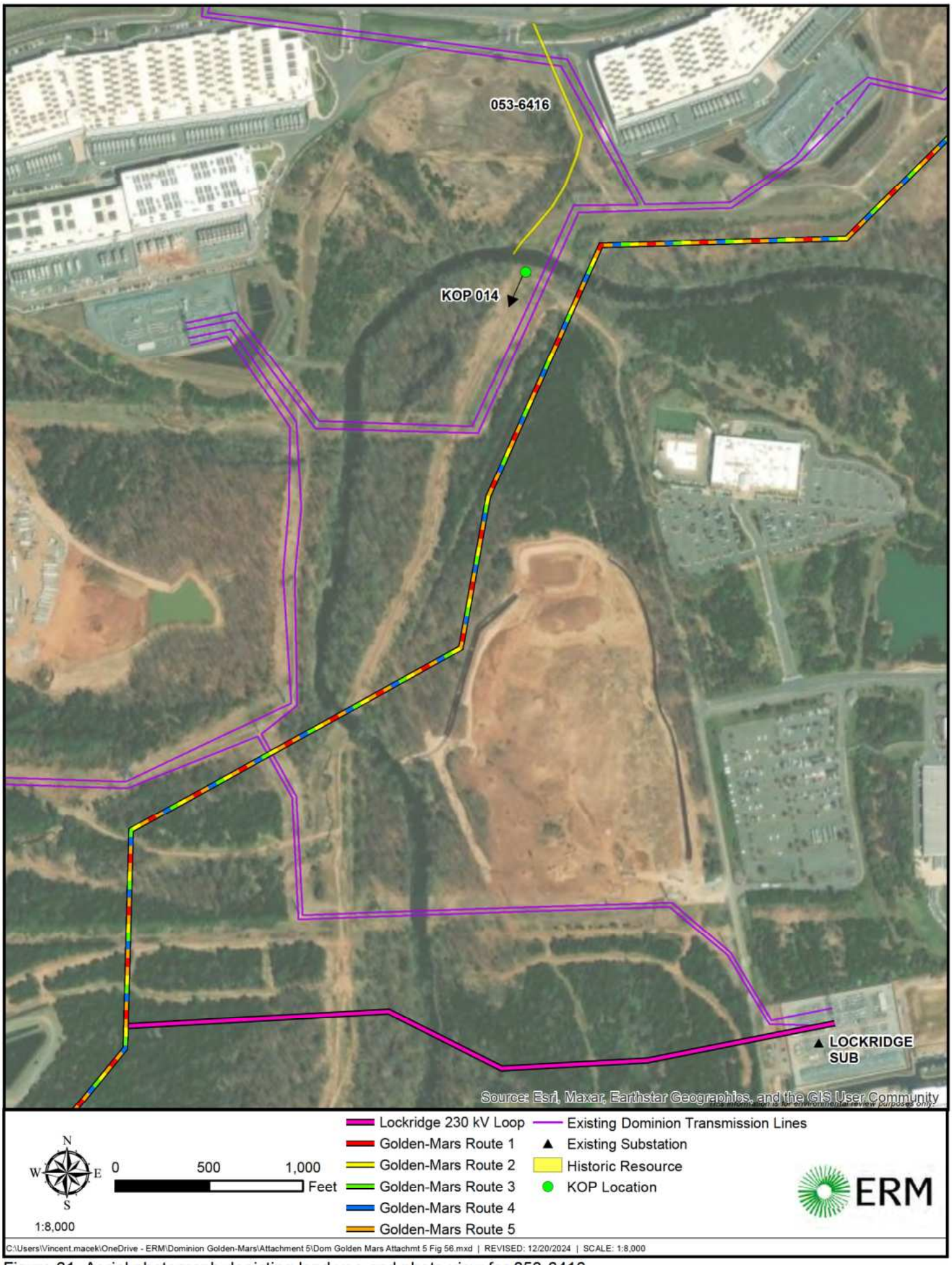


Figure 61. Aerial photograph depicting land use and photo view for 053-6416.



EXISTING CONDITIONS



YELLOW: PARTIALLY OR FULLY HIDDEN PROJECT INFRASTRUCTURE

241

Golden - Mars
500-230 kV
Electric Transmission Project

Loudoun County, Virginia

Dominion Energy

KOP 014

Round Table Plz

Figure 62
Route: Lockridge 230 kV Loop
Date:04/18/2024
Time: 9:53 am
Viewing Direction: South
Distance to closest feature: 0.64 miles



Note: Project components illustrated are based on proposed preliminary designs
The images contained on this page show the proposed project within a wider landscape context and are not representative of scale and distance when viewed from the actual view point.

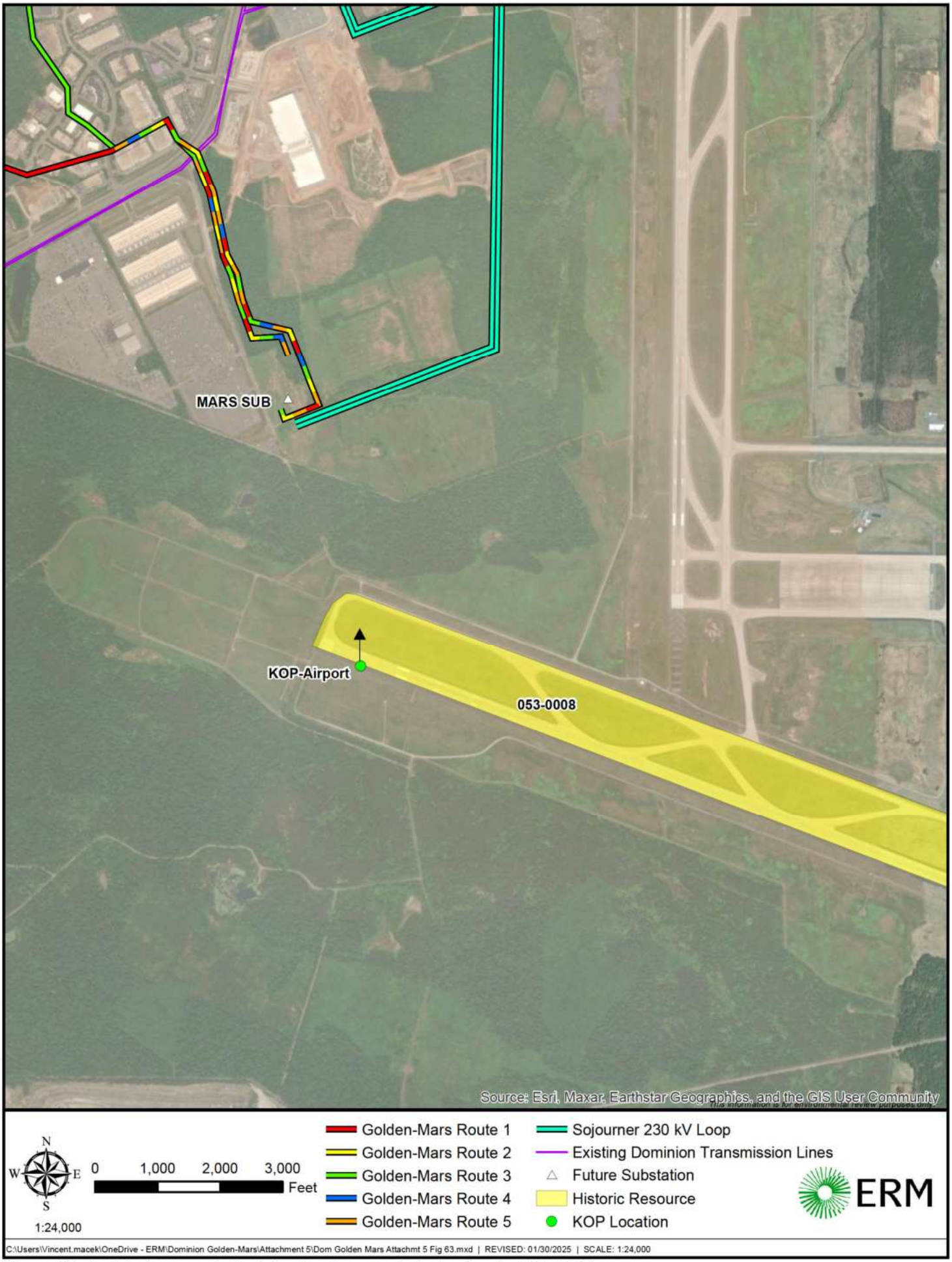


Figure 63. Aerial photograph depicting land use and photo view for 053-0008.



EXISTING CONDITIONS



YELLOW: PARTIALLY OR FULLY HIDDEN PROJECT INFRASTRUCTURE

Golden - Mars
500-230 kV
Electric Transmission Project

Loudoun County, Virginia

Dominion Energy

KOP GE

Vortac Rd

Figure 64
Route: Sojourner 230 kV Loop
Date:09/21/2024
Time: 10:00 am
Viewing Direction: Northwest
Distance to closest feature: 0.59 miles



Legend

Sojourner 230 kV Loop
KOP View Direction

Note: Project components illustrated are based on proposed preliminary designs
The images contained on this page show the proposed project within a wider landscape context and are not representative of scale and distance when viewed from the actual view point.

II. DESCRIPTION OF THE PROPOSED PROJECT

C. Describe and furnish plan drawings of all new substations, switching stations, and other ground facilities associated with the proposed project. Include size, acreage, and bus configurations. Describe substation expansion capability and plans. Provide one-line diagrams for each.

Response: The proposed Project will require substation-related work at the Company's Golden, Mars, Lockridge, Sojourner, and Shellhorn Substations, as follows.

The proposed Project will require the installation of two 500 kV breakers built to 5,000 amp ("A") standards, two 230 kV breakers built to 4,000A standards, one 500 kV line terminal, and one 230 kV line terminal at both the Golden[60] and Mars[61] Substations to accommodate the Golden-Mars Lines. The work at the Golden and Mars Substations will be completed within the substations' existing infrastructures and fence lines.

The proposed Project also requires the installation of two 230 kV breakers built to 4,000A standards and one 230 kV line terminal at Lockridge Substation[62] to accommodate the Lockridge 230 kV Loop. The work at the Lockridge Substation will be completed within the substation's existing infrastructure and fence line.

The proposed Project also requires the installation of six 230 kV breakers built to 4,000A standards and one 230 kV line terminal at Sojourner Substation[63] to accommodate the Sojourner 230 kV Line Loop (installing two new breakers) and to address breaker over-duty (replacing four breakers). The work at the Sojourner Substation will be completed within the substation's existing infrastructure and fence line.

Finally, the Project will require relay resets of the protective relaying equipment at the Company's existing Shellhorn Substation.

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[60] *See supra* n. 1.

[61] *See supra* n. 2.

[62] *See supra* n. 9.

[63] *See supra* n. 11.

III. IMPACT OF LINE ON SCENIC, ENVIRONMENTAL AND HISTORIC FEATURES

A. Describe the character of the area that will be traversed by this line, including land use, wetlands, etc. Provide the number of dwellings within 500 feet, 250 feet and 100 feet of the centerline, and within the ROW for each route considered. Provide the estimated amount of farmland and forestland within the ROW that the proposed project would impact.

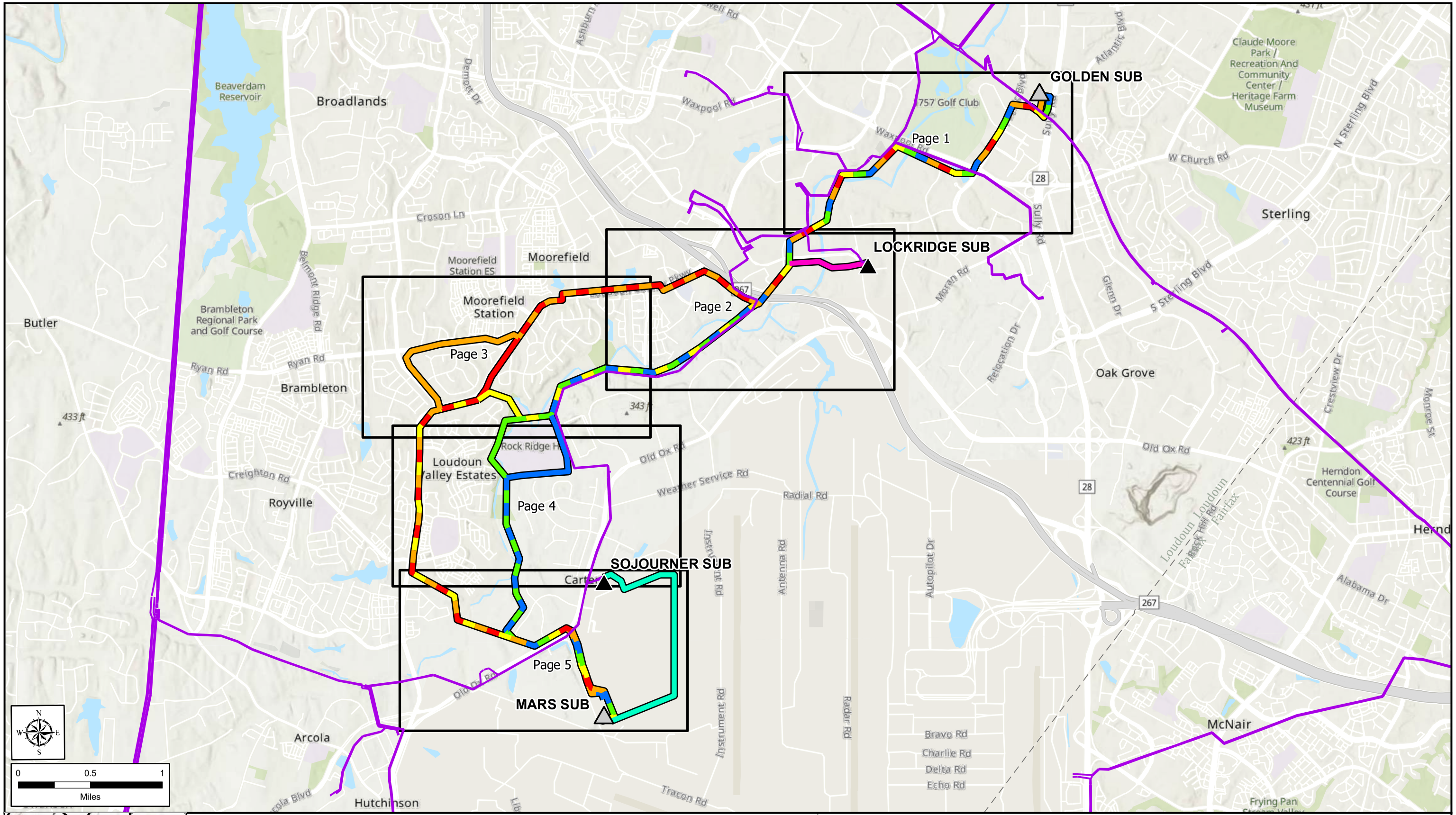
Response: The area traversed by the Project encompasses several census-designated places and unincorporated areas within eastern Loudoun County, including Ashburn, Dulles, Moorefield, Brambleton, and Sterling. Notable places within the study area include parts of DCA (the world's largest agglomeration of data center campuses), Dulles Airport, the Metrorail Silver Line terminus at Ashburn Station, and suburban residential neighborhoods. The study area was predominately rural farmland prior to 2002 but has developed rapidly over the past 25 years.

Land use in the study area consists primarily of data center developments, flex industrial warehouses, and low to medium density single-family housing. Broad Run, a tributary of the Potomac River, bisects the study area from northeast to southwest. The stream is surrounded by a forested riparian corridor. The Dulles Greenway (Rt. 267) bisects the study area from northwest to southeast and forms a partial divide between data centers and industrial areas to the north (within DCA) and residential areas to the south and west of Broad Run. Loudoun County Parkway (Rt. 607) also bisects the study area from northeast to southwest as it passes through DCA, crosses the Dulles Greenway, and passes residential areas before reaching Old Ox Road (Rt. 606). Old Ox Road is in the southern portion of the study area and separates Dulles Airport from adjacent industrial and residential areas to the north and west.

For the number of dwellings within 500 feet, 250 feet, and 100 feet of the centerline, and within the right-of-way for each of the Project's Proposed and Alternative Routes, see the table provided in Section II.A.9. The information provided in the table is based on County parcel data, zoning data, and aerial photo analysis.

For additional description of the character of the area that will be traversed by the Project's Proposed and Alternative Routes and the related impacts, see the DEQ Supplement, specifically as to land use (Sections 2.K and 2.L), wetlands (Section 2.D), forests (Section 2.L), agricultural lands (Section 2.L), historic resources (Section 2.I), and wildlife (Sections 2.G and 2.K).

See Attachment III.A.1 for a map depicting prime farmland and farmland of statewide importance, and Section 2.L of the DEQ Supplement for the estimated amount of farmland crossed by the Project's Proposed and Alternative Routes.

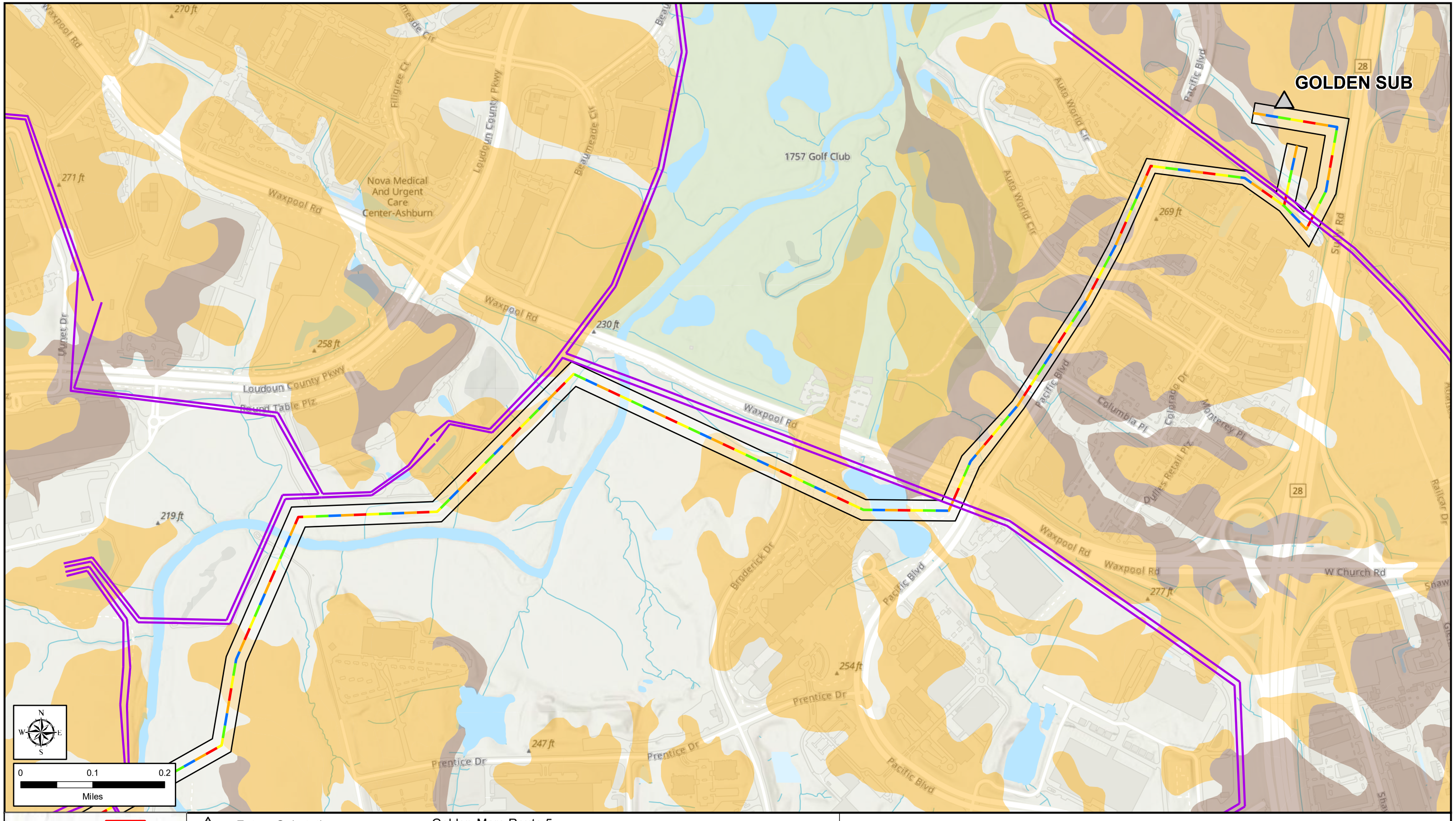


Attachment III.A.1
Prime Farmland and Farmland of Statewide Importance
Golden-Mars 500-230 kV Electric Transmission Project
Dominion Energy Virginia
Loudoun County, Virginia
Page Index

ERM

Dominion Energy

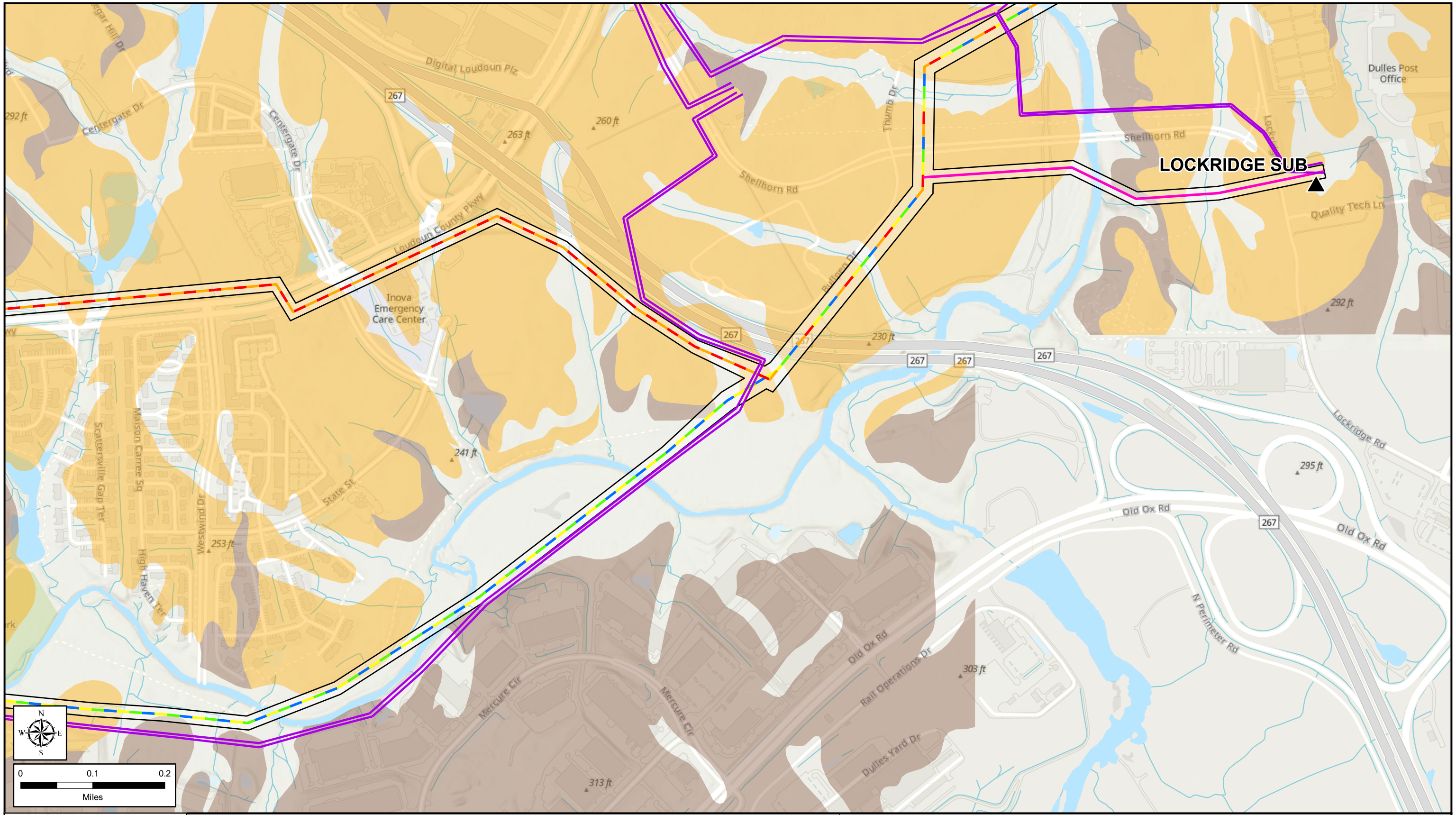
Attachment III.A.1

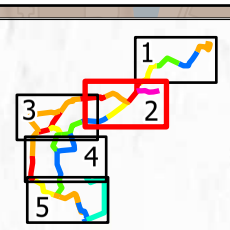


Attachment III.A.1
Prime Farmland and Farmland of Statewide Importance
Golden-Mars 500-230 kV Electric Transmission Project
Dominion Energy Virginia
Loudoun County, Virginia

ERM

Dominion Energy



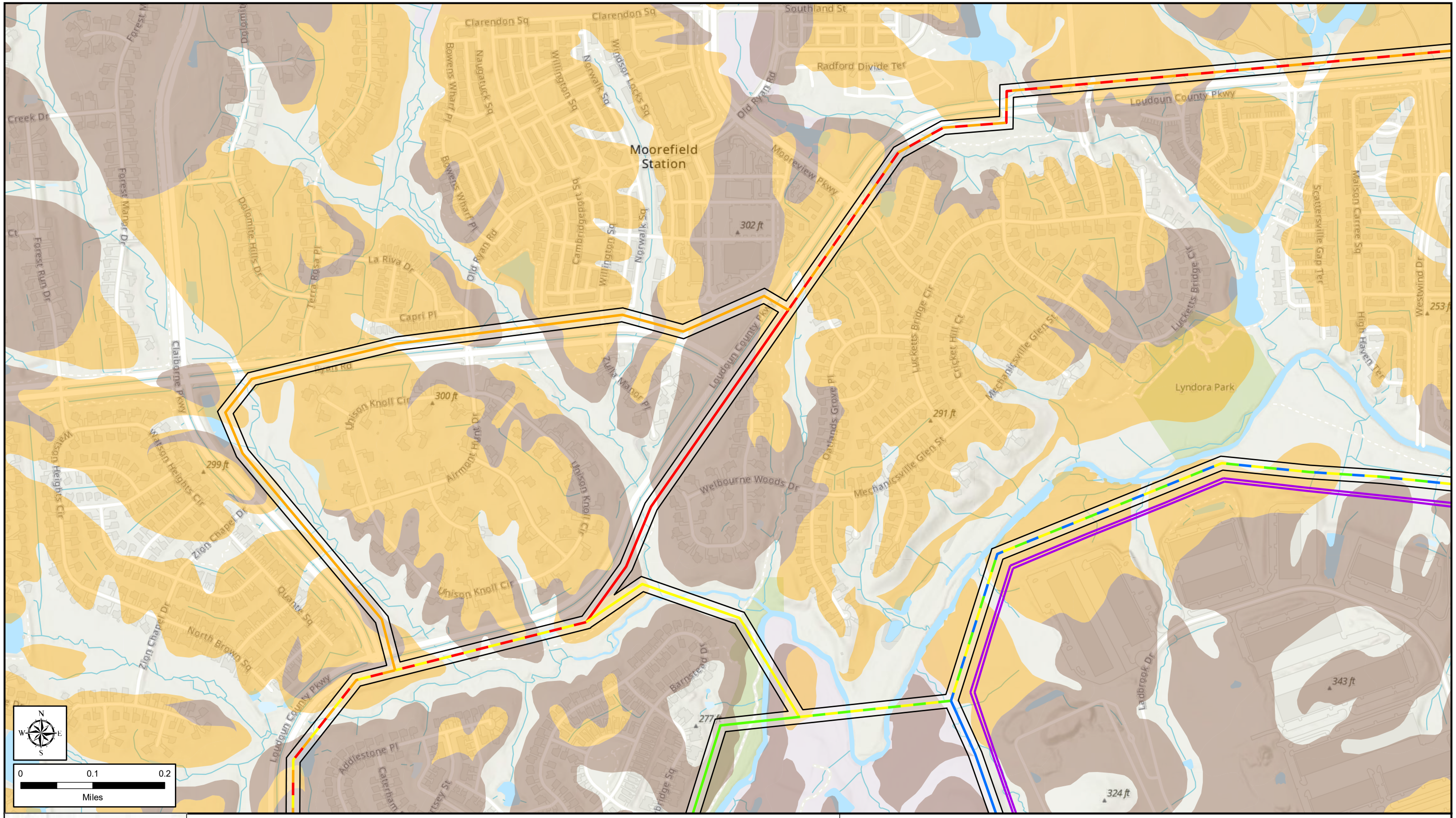


- Existing Substation
- Golden-Mars Route 1
- Golden-Mars Route 2
- Golden-Mars Route 3
- Golden-Mars Route 4
- Golden-Mars Route 5
- Lockridge 230 kV Loop
- Existing Dominion Transmission Lines
- Prime Farmland
- Farmland of Statewide Importance

Attachment III.A.1
Prime Farmland and Farmland of Statewide Importance
Golden-Mars 500-230 kV Electric Transmission Project
Dominion Energy Virginia
Loudoun County, Virginia

ERM

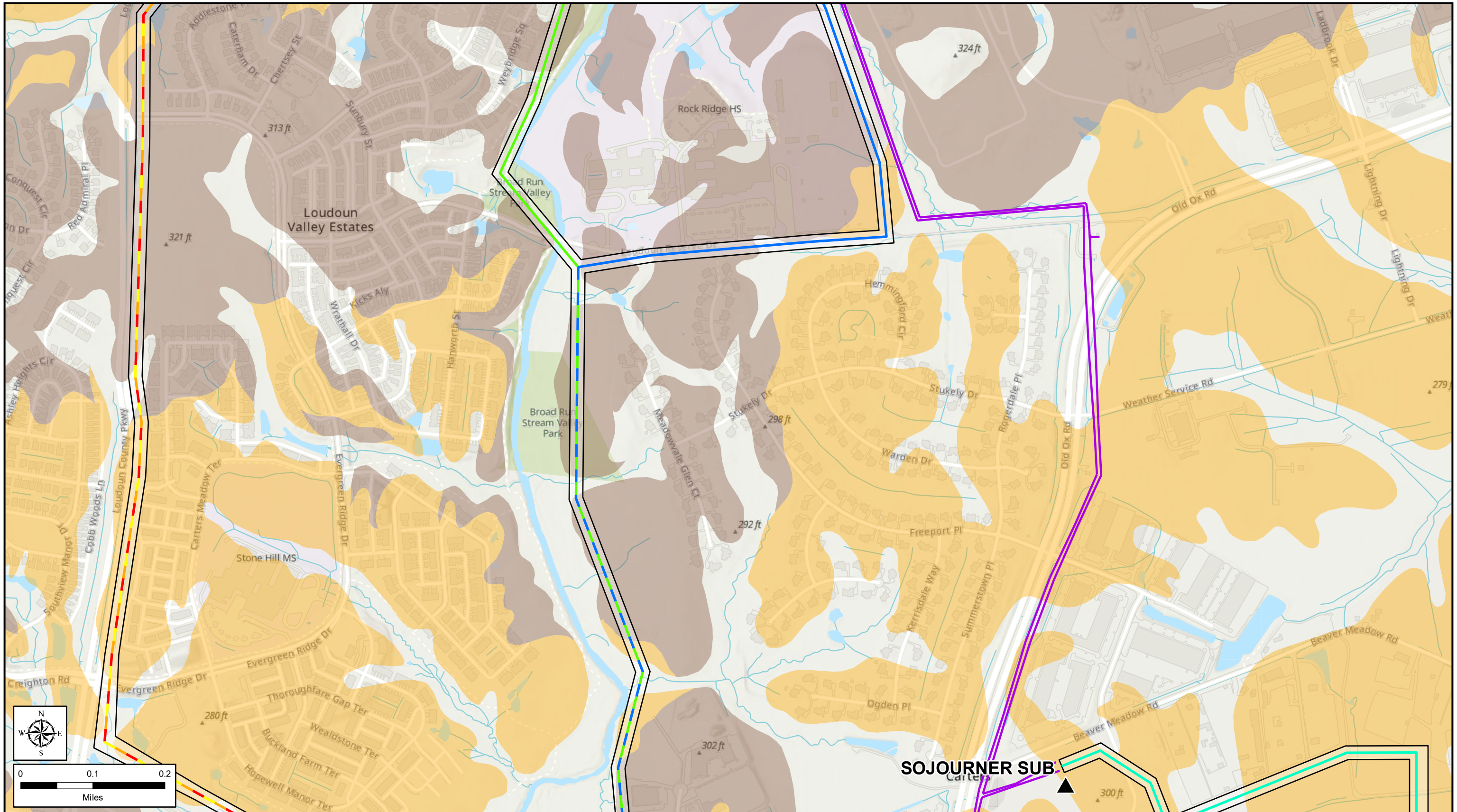
Dominion Energy



Attachment III.A.1
Prime Farmland and Farmland of Statewide Importance
Golden-Mars 500-230 kV Electric Transmission Project
Dominion Energy Virginia
Loudoun County, Virginia

ERM

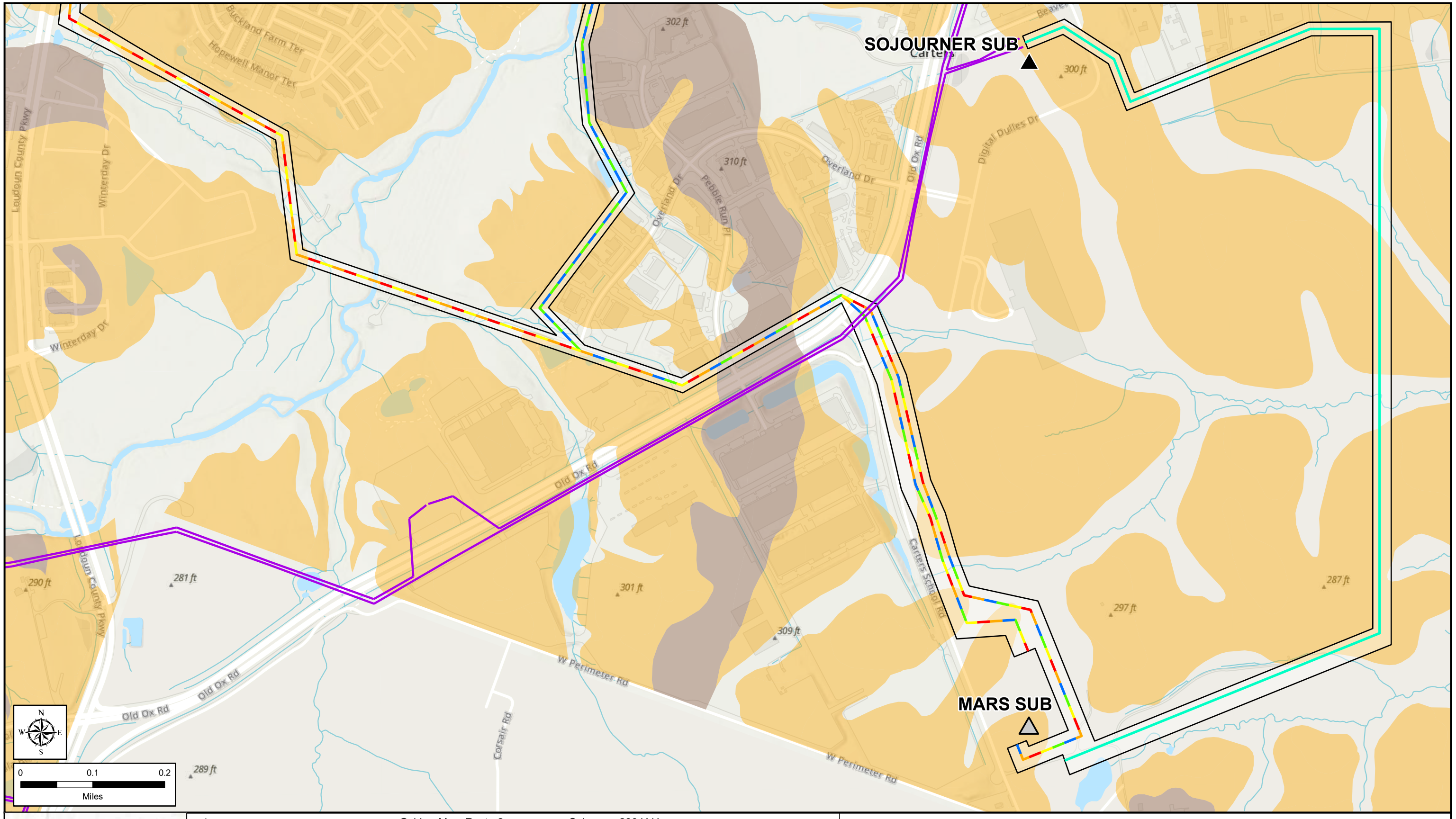
Dominion Energy

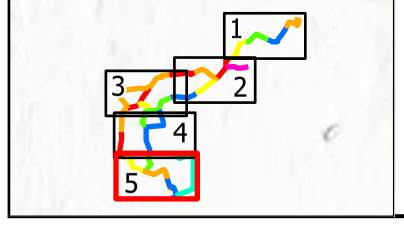


Attachment III.A.1
Prime Farmland and Farmland of Statewide Importance
Golden-Mars 500-230 kV Electric Transmission Project
Dominion Energy Virginia
Loudoun County, Virginia

ERM

Dominion Energy





Existing Substation
Future Substation
Golden-Mars Route 1
Golden-Mars Route 2
Golden-Mars Route 3
Golden-Mars Route 4
Golden-Mars Route 5
Sojourner 230 kV Loop
Existing Dominion Transmission Lines
Prime Farmland
Farmland of Statewide Importance

Attachment III.A.1
Prime Farmland and Farmland of Statewide Importance
Golden-Mars 500-230 kV Electric Transmission Project
Dominion Energy Virginia
Loudoun County, Virginia

ERM

Dominion Energy

III. IMPACT OF LINE ON SCENIC, ENVIRONMENTAL AND HISTORIC FEATURES

B. Describe any public meetings the Applicant has had with neighborhood associations and/or officials of local, state or federal governments that would have an interest or responsibility with respect to the affected area or areas.

Response: **Community and Stakeholder Engagement**

At Dominion Energy Virginia, the Company believes stakeholder engagement is critical to the success of this Project. The data center industry has grown substantially in Northern Virginia in recent years, and the Company has made significant investments in new infrastructure to meet the growing demand for electricity in a concentrated area. This Project is critical to the success of this industry in Northern Virginia. Routing and siting this Project, in an accelerated timeline, would not have been possible without important partnerships and substantial community involvement, including environmental organizations, elected officials, governmental bodies, community leaders, and community members. Outreach about the Project to County leaders, the data center industry, and the Loudoun Reliability Engagement Group ("LREG") consisting of individuals with a variety of expertise and knowledge of the area, began in May 2024. Many of these stakeholders remain engaged and continue to represent their specialty as they participate in current electric transmission projects.

Stakeholder engagement includes both a statewide and regional approach in the following segments: cultural and historic resource stewardship organizations; the business community and workforce organizations; the environmental community; and organizations that represent the needs of underrepresented communities. These organizations agreed to combine into the LREG. Since July 2022, LREG of more than 20 volunteers has met at least every other month to receive updates on electric transmission projects impacting Loudoun County, including this Project. The Company remains committed to maintaining communications with this engagement group for other electric transmission projects proposed in Loudoun County.

Feedback is critical as the Company considers all potential benefits and impacts of the Project, particularly as it will connect two substations (Mars Substation and Golden Substation) in a densely populated area in Loudoun County via the proposed Golden-Mars Lines. Dominion Energy Virginia has and will continue to engage with a broad range of stakeholders that have interests across Project components.

In May 2024, the Company added information about this Project to an internet website dedicated to multiple projects in the area: www.dominionenergy.com/NOVA. The website includes a description of the proposed Project, an explanation of need, route maps, photo simulations, and information on the Commission review process.

Beginning in May 2024, the Company commenced coordinated community and stakeholder engagement with Loudoun County, regarding the proposed Project.

- A letter dated June 19, 2024 was mailed to nearly 9,000 residences and business in the vicinity of the Project area. The letter, which invited the public to learn more about the Project, included a route map, announced dates for upcoming meetings and contained other related information to keep the public informed as plans for the Project developed. The letter provided the dates of the July 30, 2024 virtual and July 31, 2024 and August 1, 2024 in-person community meetings. This letter was also provided to residents in Spanish. A second mailing, a July 15, 2024 Save the Date Postcard, was also sent with details about upcoming virtual and in-person community meetings. This postcard was available on the website in Spanish. Copies of the June 2024 Project announcement letter and July 2024 Project postcard, as well as Project and community meeting information, has been available on www.dominionenergy.com/NOVA since prior to the July 2024 and August 2024 community meetings.

- On July 30, 2024, the Project team hosted a virtual community meeting via Webex to inform stakeholders about the proposed Project. There were 140 attendees.

- On July 31, 2024, and August 1, 2024, the Company hosted in-person community meetings. There were 169 attendees at the July meeting and 115 at the August meeting.

- On November 22, 2024, another Project announcement letter was mailed to nearly 9,000 residences and businesses in the vicinity of the Project area. The letter included Project information and details and provided the dates of the January 14, 2025 virtual and January 15, 2025 in-person community meetings. This letter was also available to residents in Spanish on the website. The Company also sent a December 17, 2024 Save the Date Postcard to residences and businesses with details about the upcoming virtual and in-person community meetings. This postcard was available on the website in Spanish. Copies of the November 2024 Project announcement letter and December 2024 Project postcard, as well as Project and community meeting information, has been available on www.dominionenergy.com/NOVA since prior to the July 2024 and August 2024 community meetings.

- On January 14, 2025, the Project team hosted a virtual community meeting via Webex to inform stakeholders about the proposed Project. There were 221 attendees.

- On January 15, 2025, the Company hosted an in-person community meeting. There were 75 attendees.

Traditional community meeting materials have been posted on the website for the proposed Project, including simulations of the proposed Project from key locations. The key location simulations that were presented at the July 2024 and August 2024 virtual and in-person community meetings are included as Attachment III.B.1. The key location simulations that were presented at the January 2025 virtual and in-person community meetings are included as Attachment III.B.2.

Beginning in May 2024, the Company conducted a series of meetings with Loudoun County officials. See Attachment III.B.3 for details regarding those meetings.

In addition to the July 2024 and August 2024 virtual and in-person and January 2025 virtual and in-person community meetings, the Company has also met with members of specific neighborhoods in the Project area, including Brambleton, Birchwood at Brambleton, Loudoun Valley Estates I, II and III, Moorefield Station, Reserve at Belle Terra, and Silver District West as well as individual property owners and community members. See Attachment III.B.4 for details regarding those meetings.

The Project community meetings were advertised in newspapers as follows:

Publication	Circulation	Date(s) Run
Loudoun Now	30,000	July 25, 2024 and January 2, 2025
Washington Post (Local Loudoun Living)	8,715	July 25, 2024 and January 2, 2025
Loudoun Times	32,096	July 26, 2024 and January 3, 2025

Paid digital and social media campaigns along with a video campaign were also used to drive awareness of and promote the Company's public events and ensure interested community members know that the Company is available to discuss their interests and concerns.

See Attachment III.B.5, which includes the Project's newspaper advertisements, the digital advertisements, and the digital campaign results.

On September 1, 2022, the Company deployed an online tool called GeoVoice, https://geovoice.powereng.com/dominion/LoudounCounty/, which allows users to review the potential transmission routing options and provide location-based comments to share insights. GeoVoice was first populated with routing options for the Golden-Mars 500-230 kV Electric Transmission Project on July 15, 2024, and was subsequently updated with typical proposed structure drawings and photo simulations. Users do not need to register before viewing the routing details. Users that register on the site can provide their comments prior to routes being released to help inform the routing process. Activity on GeoVoice includes more than 175 comments from residents regarding the Project.

Environmental Justice

As part of preparing for the Project, and in recognition of the feedback discussed above, the Company researched the demographics of the surrounding communities using census data from the U.S. Census Bureau 2019–2023 American Community Survey 5-Year Estimates, as this provides the most up-to-date information available at the census block group level.

This information revealed that 32 Census Block Groups ("CBGs") are within the Project study area and are within 1.0 mile of the routing options. A review of demographic data released by the U.S. Census Bureau identified populations within the Project study area that meet the Virginia Environmental Justice Act ("VEJA") threshold to be defined as EJ Communities. Twenty-nine of the 32 CBGs within the study area appear to be communities of color or have a population of color. One CBG has a low-income population that meets VEJA criteria for a potential EJ Community and is not crossed by any routing option. Twelve CBGs have linguistically isolated populations that speak English less than very well, four of which are crossed by at least one routing option. The Project's Proposed and Alternate Routes are summarized below.

Golden-Mars Lines

- Route 1: 10 out of 11 CBGs crossed are potential EJ communities.
- Route 2: 9 out of 10 CBGs crossed are potential EJ communities.
- Route 3: 6 out of 7 CBGs crossed are potential EJ communities.
- Route 4: 4 out of 5 CBGs crossed are potential EJ communities.
- Route 5: 12 out of 13 CBGs crossed are potential EJ communities.

Lockridge Loop

- Proposed Route: the 1 CBG crossed is a potential EJ community.

Sojourner Loop

- Proposed Route: 1 out of 2 CBGs crossed is a potential EJ community.

Based on the analysis of the Project in the Environmental Routing Study, the Company does not anticipate disproportionately high or adverse impacts to the surrounding community and the EJ Communities located within the study area. While all populated CBGs within the Project study area and 1.0-mile radius of the routing options are potential EJ communities, overall impacts to views, property values, and health from construction activities and operation are not anticipated to be significantly adverse. The one CBG within a 1.0-mile radius that has a significantly high percentage of low-income residents will not be crossed by any of the Project's Proposed or Alternative Routes and is unlikely to be affected by the

Project.

In addition to its evaluation of impacts, the Company has and will continue to engage communities affected by the Project, including EJ Communities, in a manner that allows them to meaningfully participate in the project development and approval process so that their views and input can be taken into consideration. See Attachment III.B.6 for a copy of the Company's Environmental Justice Policy.

GOLDEN TO MARS

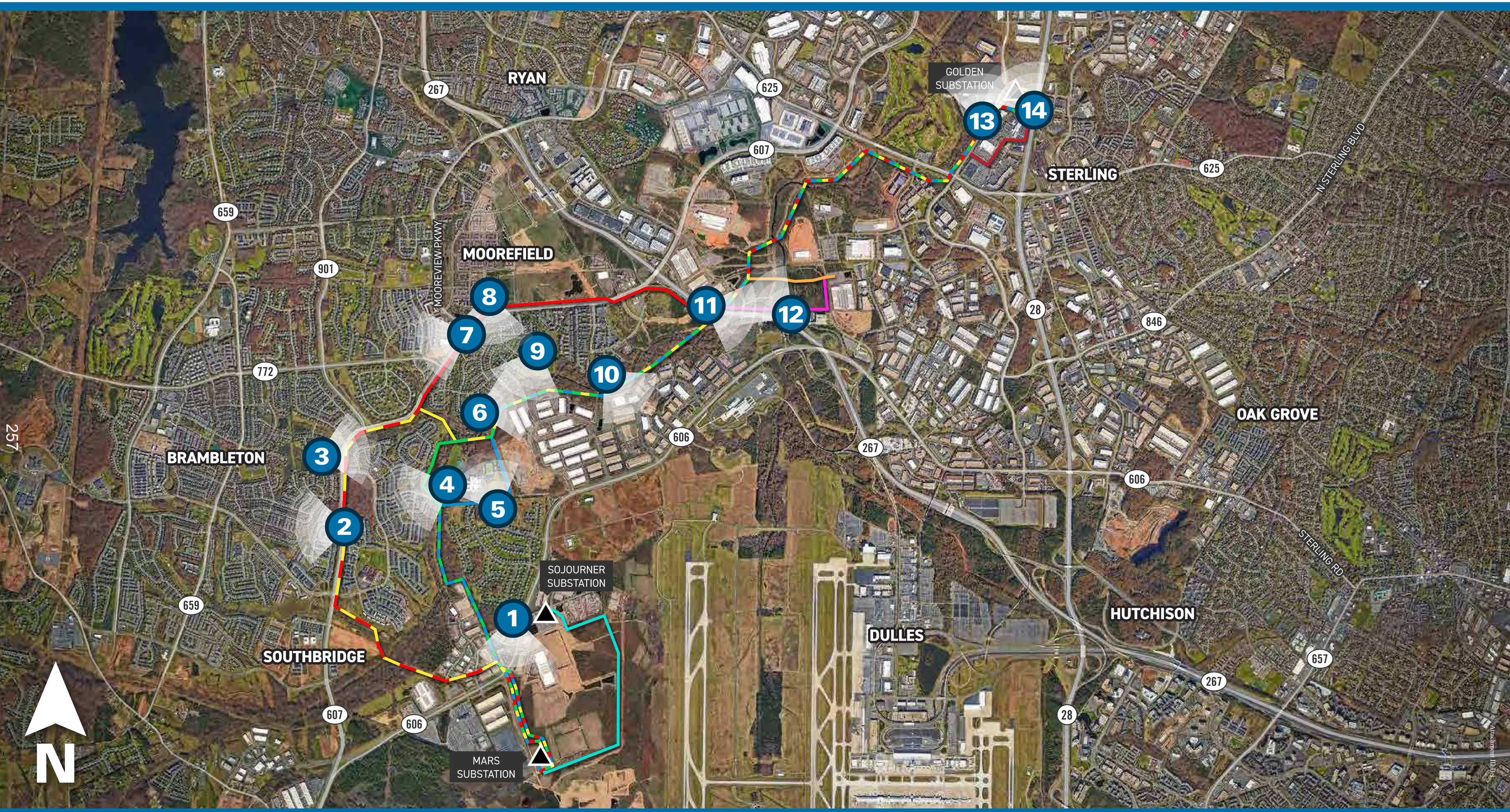
Transmission Line Project

Photo Location Map

1 Viewpoint Location ▲ Existing Substation — Route 1 — Route 2 — Route 3 — Route 4

— Dulles Center Variation — Lockridge 230 kV Option 1 — Lockridge 230 kV Option 2 — Digital Dulles Loop

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Attachment III-3.1

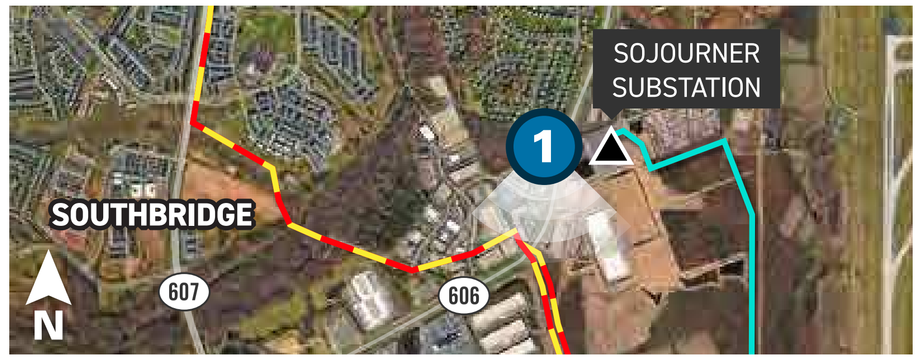
GOLDEN TO MARS

Transmission Line Project

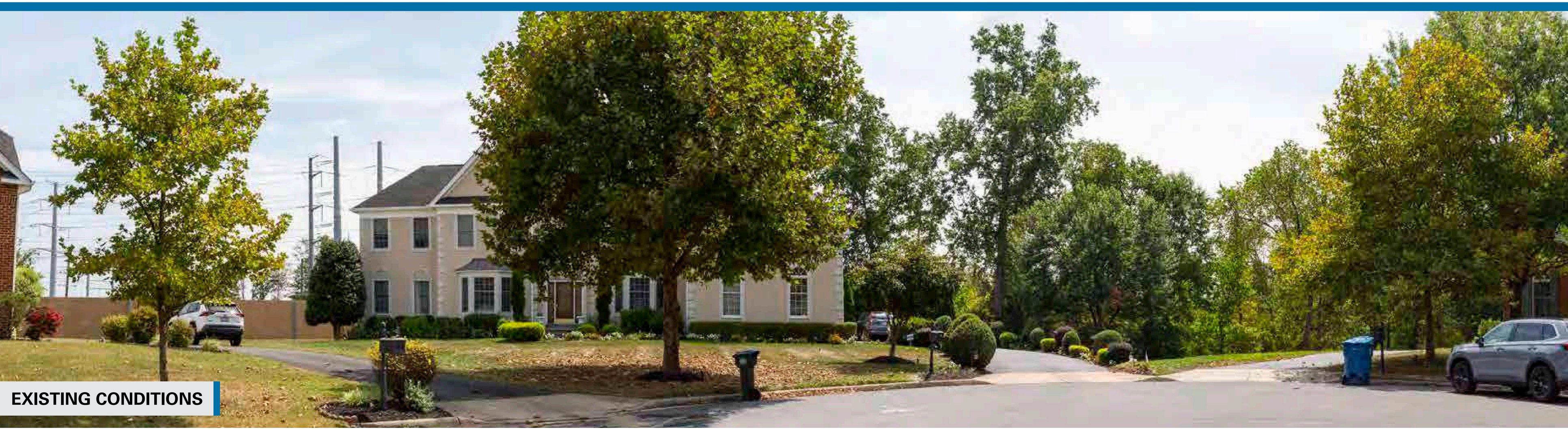
Viewpoint 1

Date: 08/30/2023 **Time:** 12:27 pm **Viewing Direction:** South

1 Viewpoint Location — Route 1 — Route 2 — Digital Dulles Loop



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EXISTING CONDITIONS



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

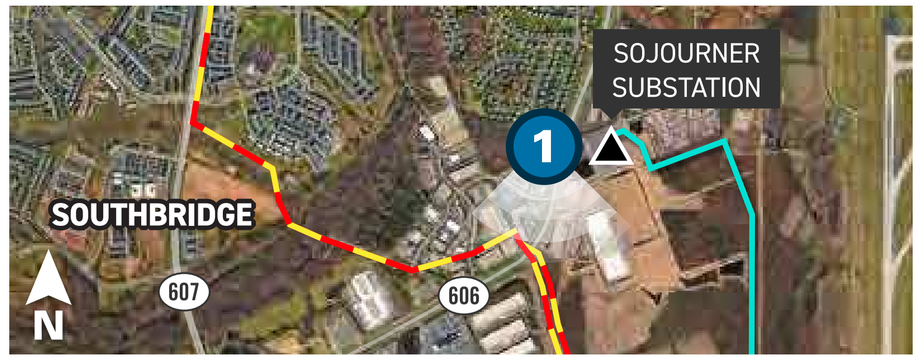
GOLDEN TO MARS

Transmission Line Project

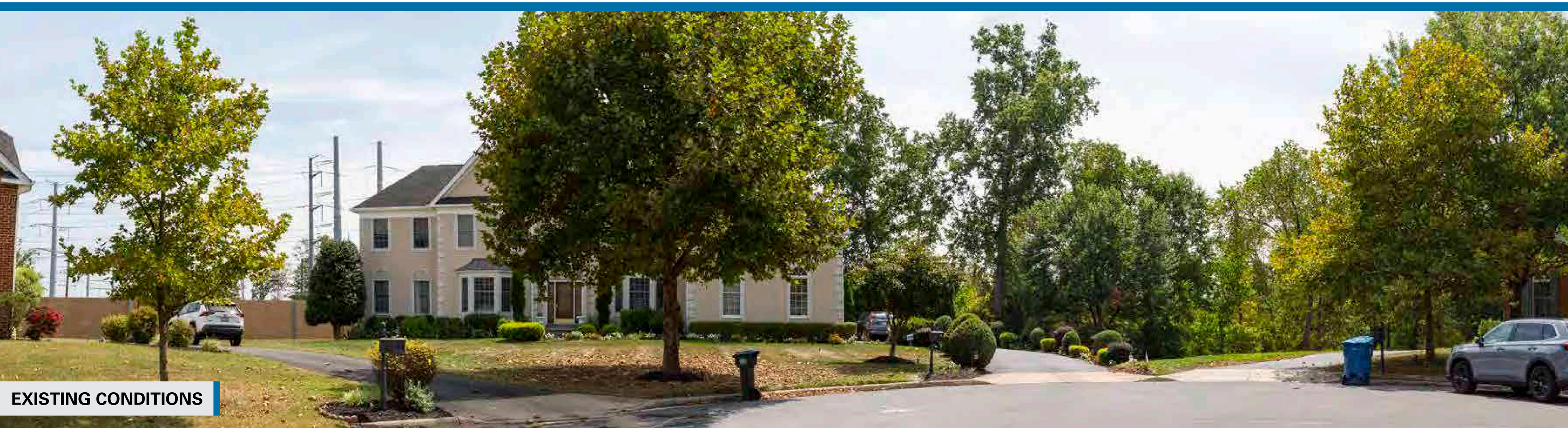
Viewpoint 1

Date: 08/30/2023 **Time:** 12:27 pm **Viewing Direction:** South

1 Viewpoint Location — Route 1 — Route 2 — Digital Dulles Loop



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EXISTING CONDITIONS



PROPOSED CONDITIONS **OVERLAY**

Objects displayed in yellow will be fully or partially obscured by terrain and vegetation.

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

Transmission Line Project

Viewpoint 2

Date: 06/12/2024 **Time:** 1:57 pm **Viewing Direction:** West

2 Viewpoint Location — Route 1 — Route 2

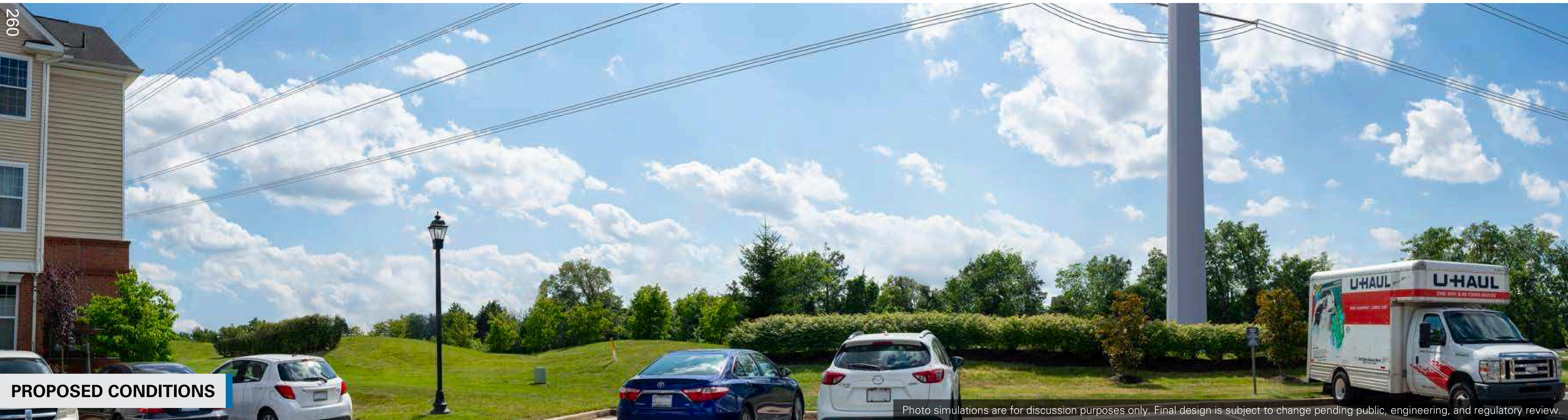


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EXISTING CONDITIONS

260



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

Transmission Line Project

Viewpoint 3

Aerial Render **Viewing Direction:** East

3 Viewpoint Location — Route 1



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EXISTING CONDITIONS



PROPOSED CONDITIONS

Renderings are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

Transmission Line Project

Viewpoint 3

Aerial Render **Viewing Direction:** East

3 Viewpoint Location — Route 2



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EXISTING CONDITIONS

PROPOSED CONDITIONS

Renderings are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

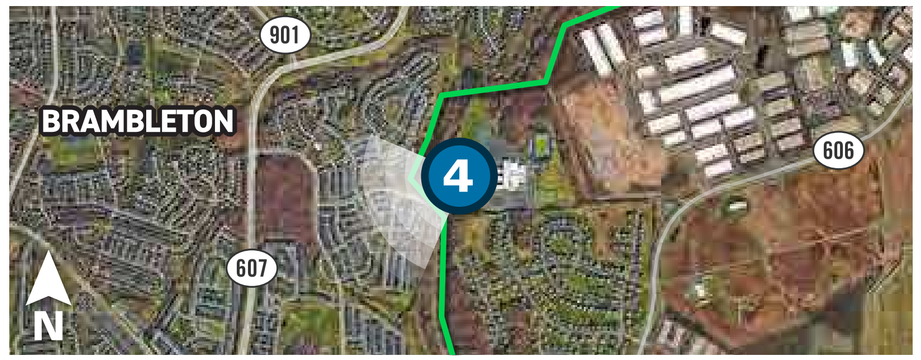
GOLDEN TO MARS

Transmission Line Project

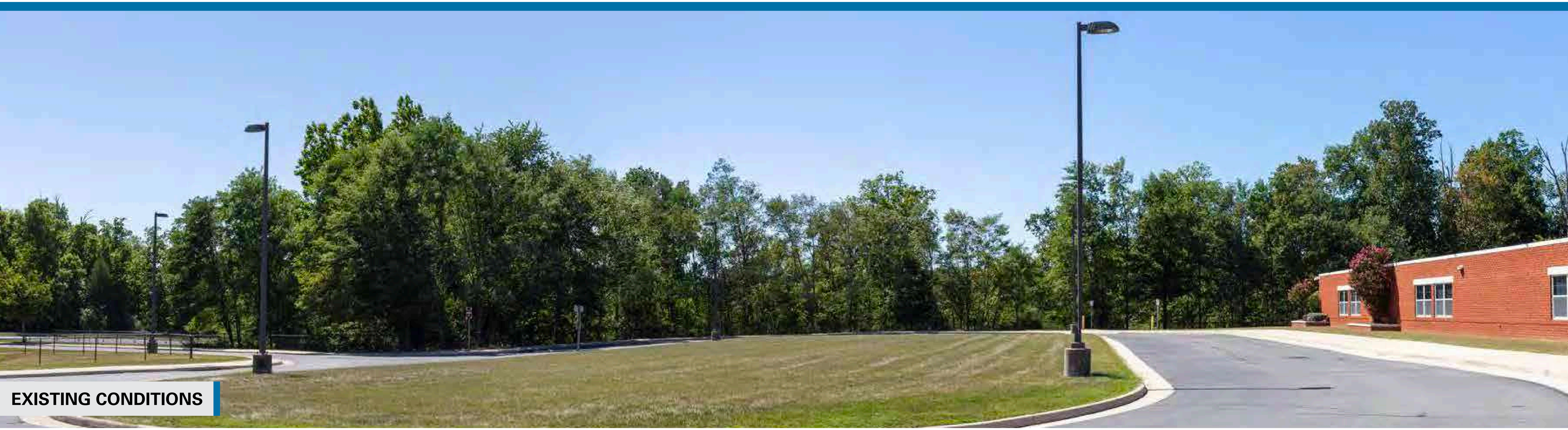
Viewpoint 4

Date: 08/31/2024 **Time:** 1:09 pm **Viewing Direction:** West

4 Viewpoint Location — Route 3



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EXISTING CONDITIONS



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

Transmission Line Project

Viewpoint 5

Date: 06/13/2024 **Time:** 11:35 am **Viewing Direction:** Northwest

5 Viewpoint Location — Route 2



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EXISTING CONDITIONS



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

Transmission Line Project

Viewpoint 5

Date: 06/13/2024 **Time:** 11:35 am **Viewing Direction:** Northwest

5 Viewpoint Location — Route 2



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EXISTING CONDITIONS



PROPOSED CONDITIONS OVERLAY

Objects displayed in yellow will be fully obscured by terrain and vegetation.

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

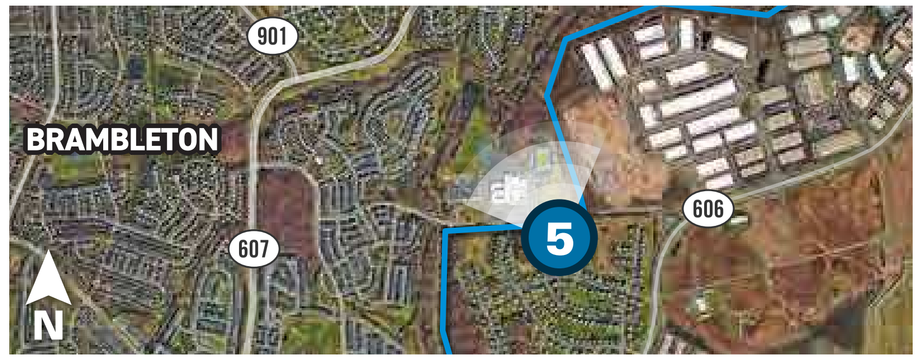
GOLDEN TO MARS

Transmission Line Project

Viewpoint 5

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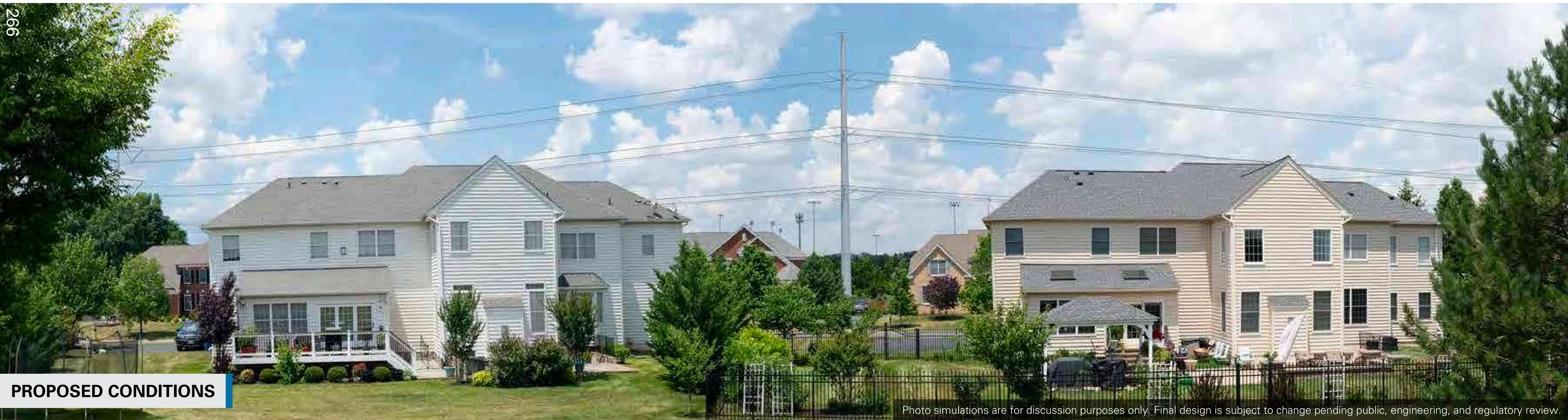
5 Viewpoint Location — Route 4



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EXISTING CONDITIONS



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

Transmission Line Project

Viewpoint 6

Aerial Render **Viewing Direction:** East

6 Viewpoint Location — Route 2 — Route 3 — Route 4



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EXISTING CONDITIONS



PROPOSED CONDITIONS

Renderings are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

Transmission Line Project

Viewpoint 7

Date: 06/13/2024 **Time:** 8:56 am **Viewing Direction:** West

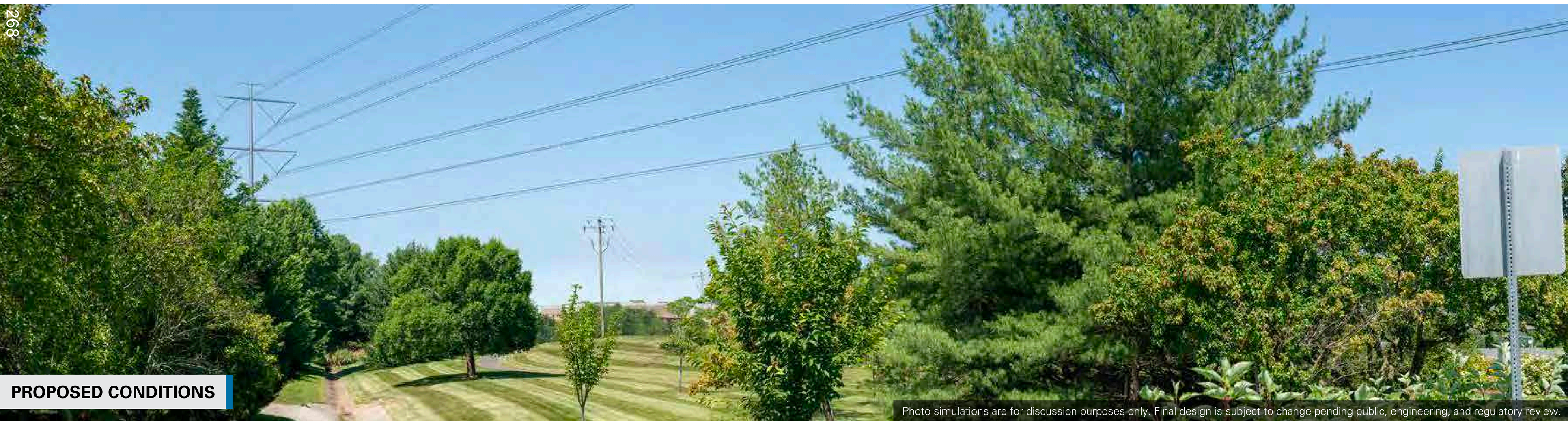
7 Viewpoint Location — Route 1



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EXISTING CONDITIONS



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

Transmission Line Project

Viewpoint 8

Date: 06/12/2024 **Time:** 1:21 pm **Viewing Direction:** South

8 Viewpoint Location — Route 1



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EXISTING CONDITIONS



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

Transmission Line Project

Viewpoint 9

Date: 08/30/2023 **Time:** 2:00 pm **Viewing Direction:** Southwest

9 Viewpoint Location — Route 2 — Route 3 — Route 4



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EXISTING CONDITIONS



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

Transmission Line Project

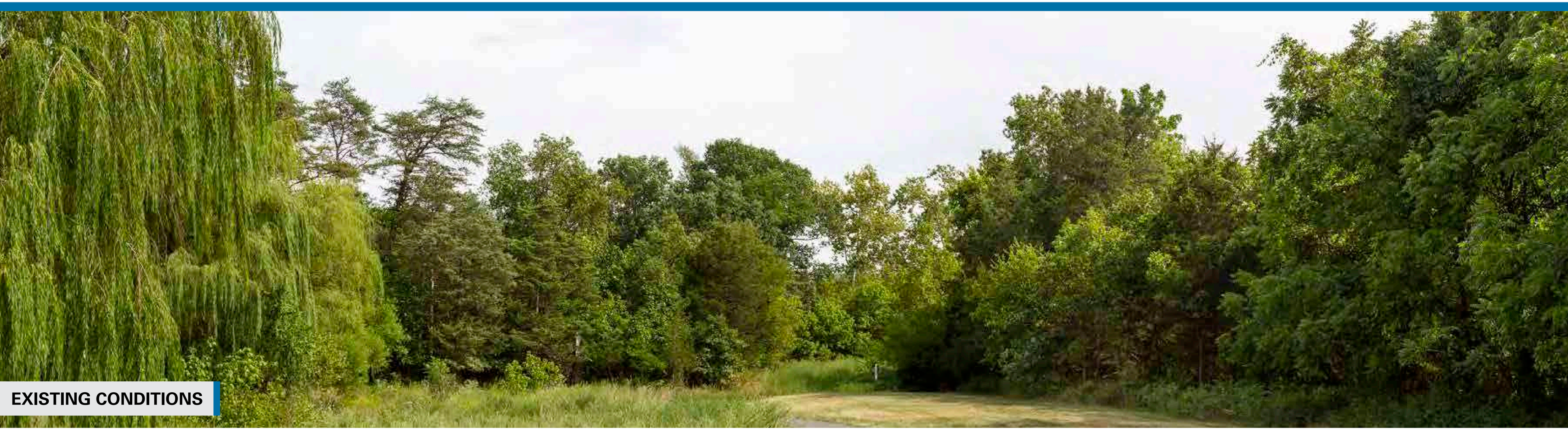
Viewpoint 10

Date: 08/30/2023 **Time:** 2:11 pm **Viewing Direction:** Southeast

10 Viewpoint Location — Route 2 — Route 3 — Route 4



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EXISTING CONDITIONS



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

Transmission Line Project

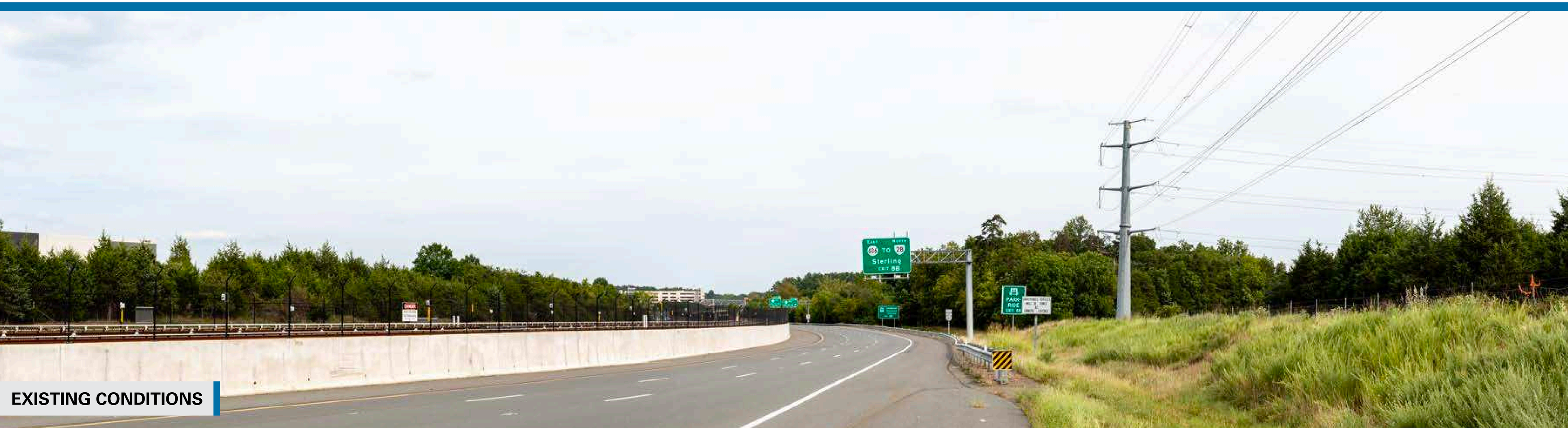
Viewpoint 11

Date: 08/30/2023 **Time:** 2:41 pm **Viewing Direction:** East

11 Viewpoint Location — Route 1 — Lockridge 230 kV Option 1



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EXISTING CONDITIONS



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

Transmission Line Project

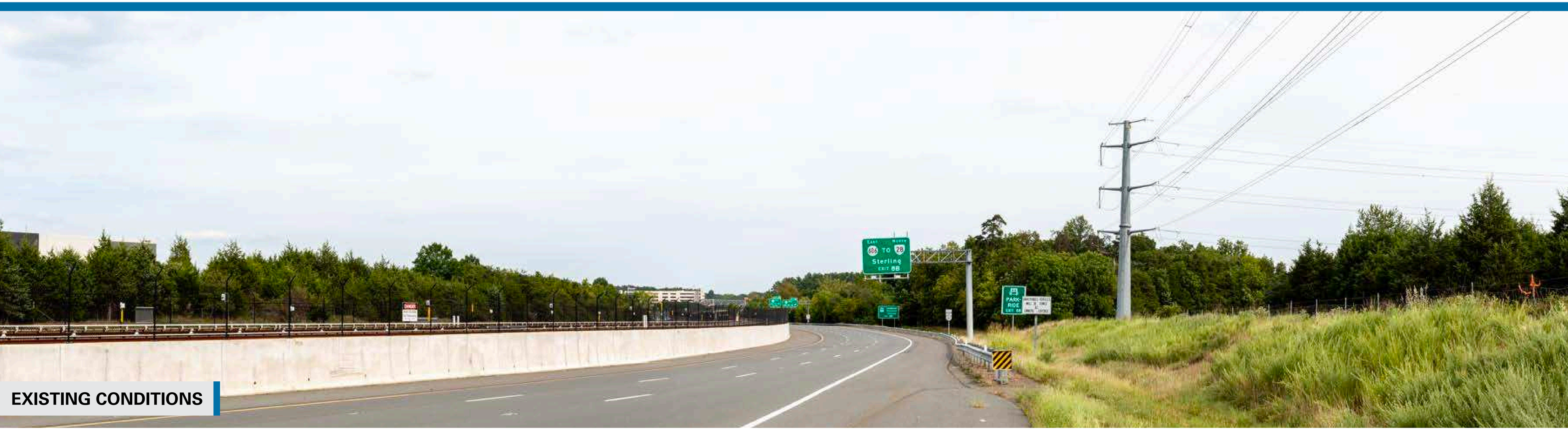
Viewpoint 11

Date: 08/30/2023 **Time:** 2:41 pm **Viewing Direction:** East

11 Viewpoint Location — Route 1 — Lockridge 230 kV Option 2



Dominion Energy®



EXISTING CONDITIONS



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

Transmission Line Project

Viewpoint 11

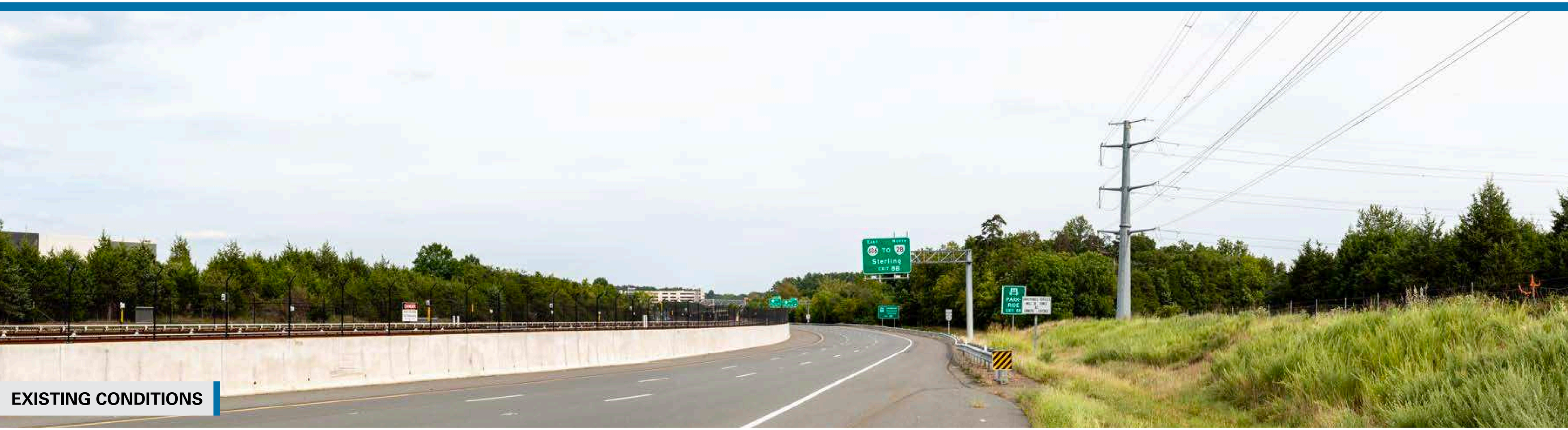
Date: 08/30/2023 **Time:** 2:41 pm **Viewing Direction:** East

11 Viewpoint Location — Route 2 — Route 3 — Route 4

Lockridge 230 kV Option 1



Dominion Energy®



EXISTING CONDITIONS



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

Transmission Line Project

Viewpoint 11

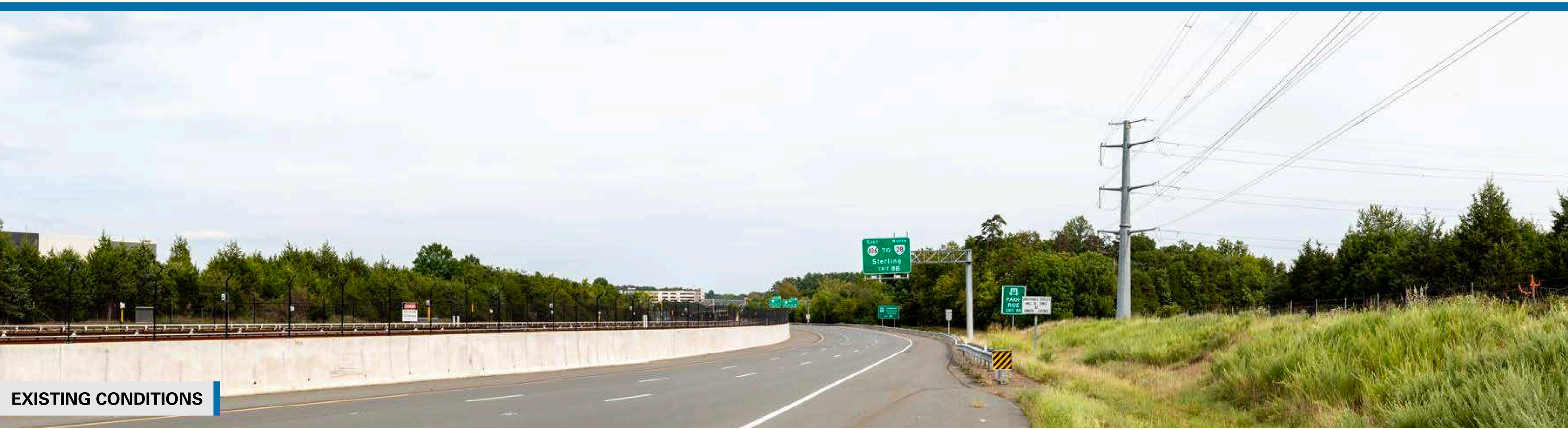
Date: 08/30/2023 **Time:** 2:41 pm **Viewing Direction:** East

11 Viewpoint Location — Route 2 — Route 3 — Route 4

Lockridge 230 kV Option 2



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EXISTING CONDITIONS

275



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

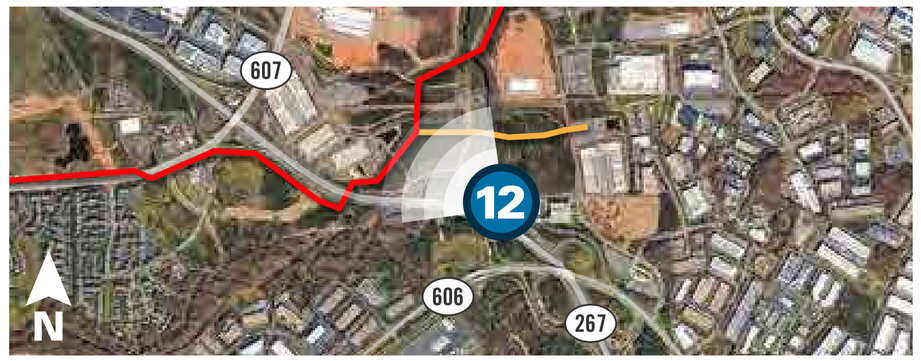
GOLDEN TO MARS

Transmission Line Project

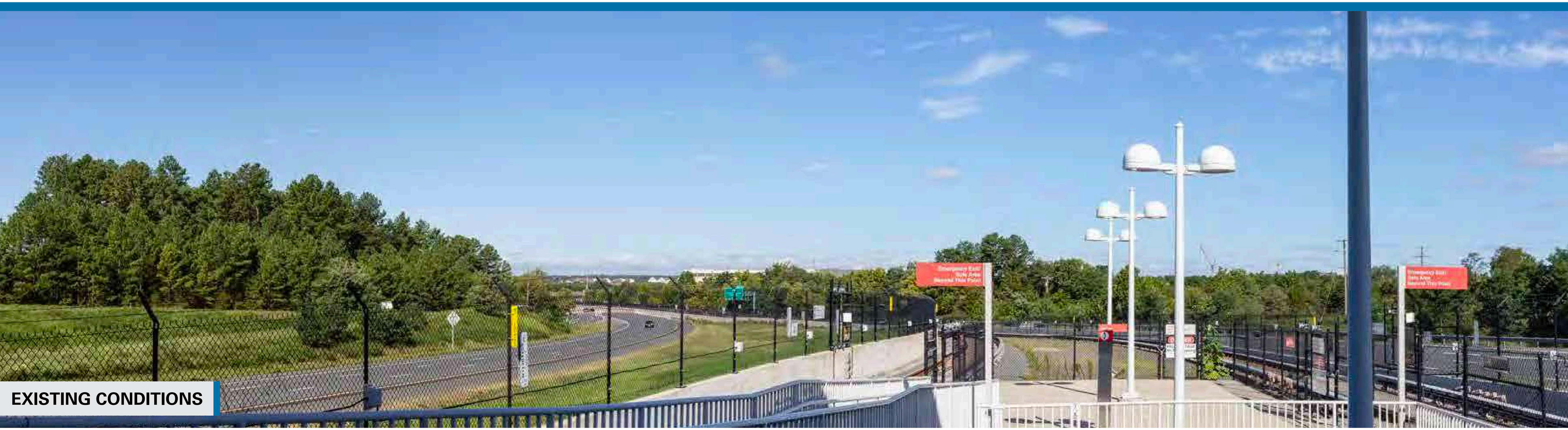
Viewpoint 12

Date: 08/31/2023 **Time:** 8:46 am **Viewing Direction:** Northwest

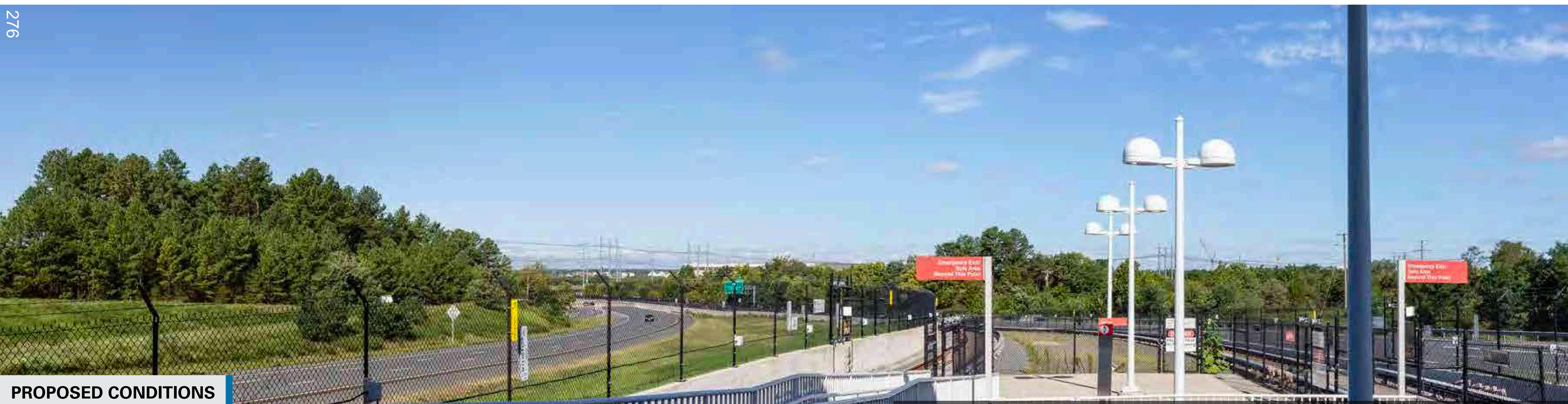
12 Viewpoint Location — Route 1 — Lockridge 230 kV Option 1



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EXISTING CONDITIONS



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

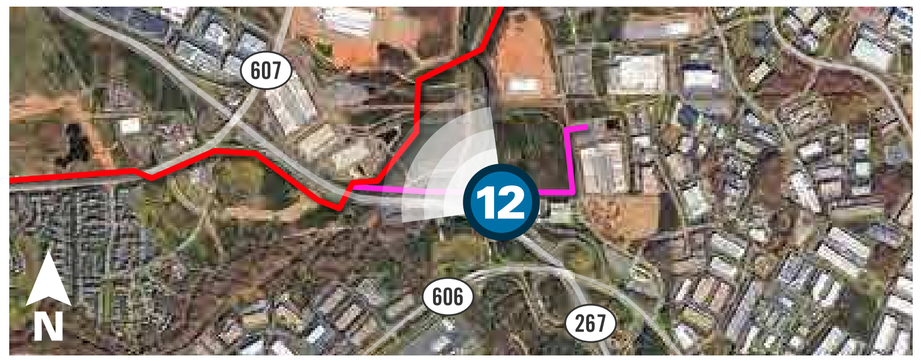
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Transmission Line Project

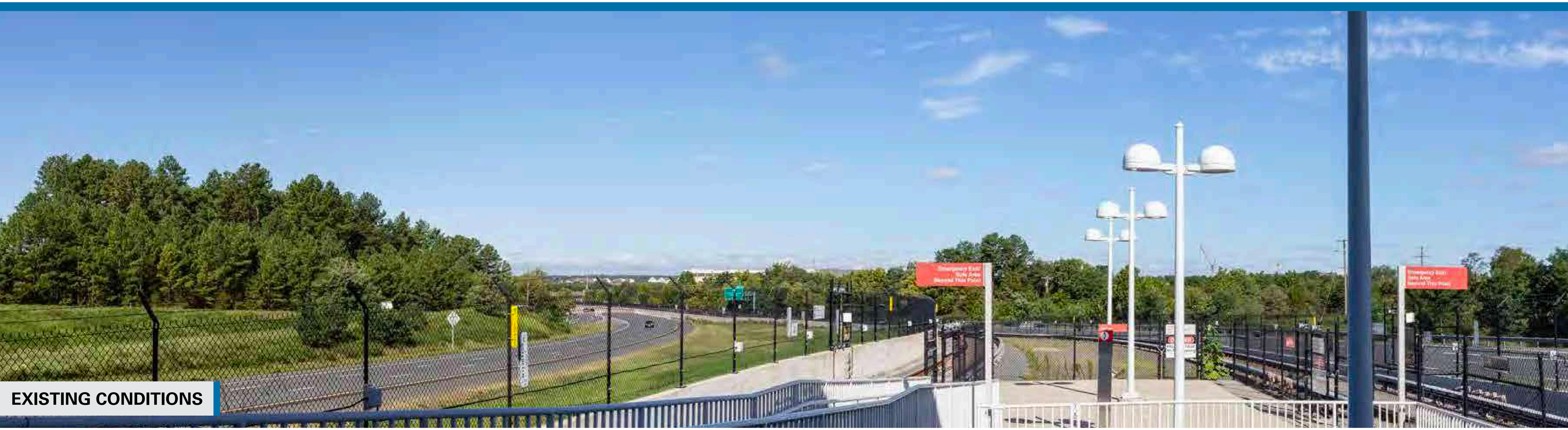
Viewpoint 12

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12 Viewpoint Location — Route 1 — Lockridge 230 kV Option 2

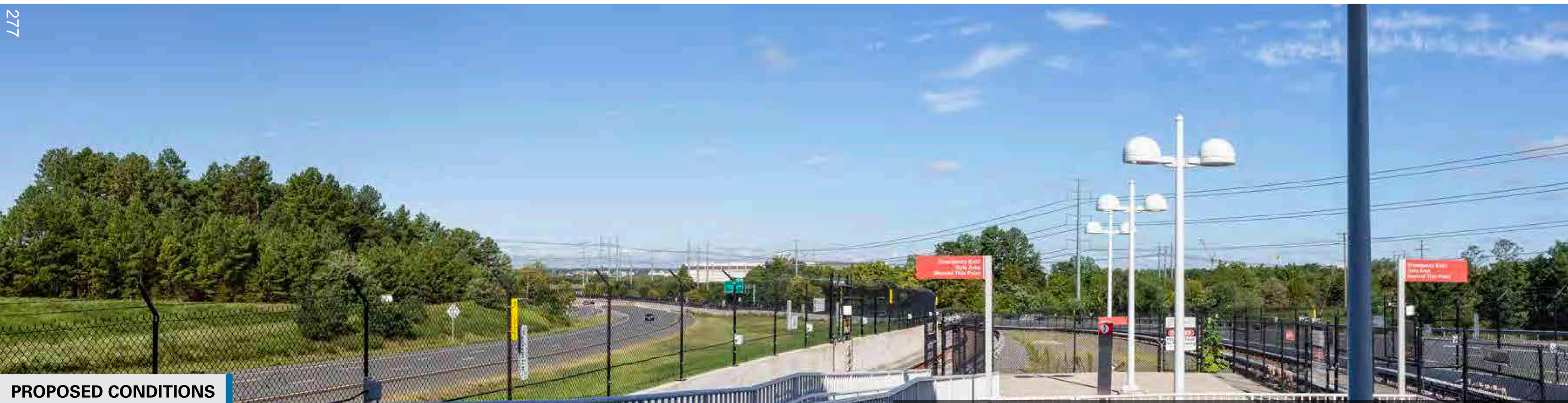


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EXISTING CONDITIONS

277



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

Transmission Line Project

Viewpoint 12

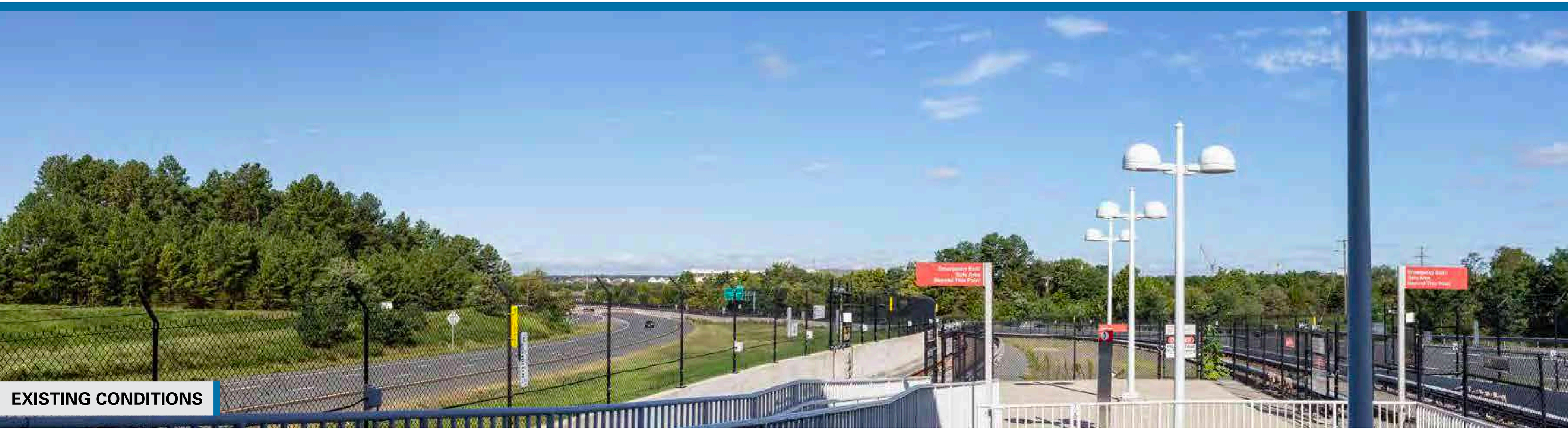
Date: 08/31/2023 **Time:** 8:46 am **Viewing Direction:** Northwest

12 Viewpoint Location — Route 2 — Route 3 — Route 4

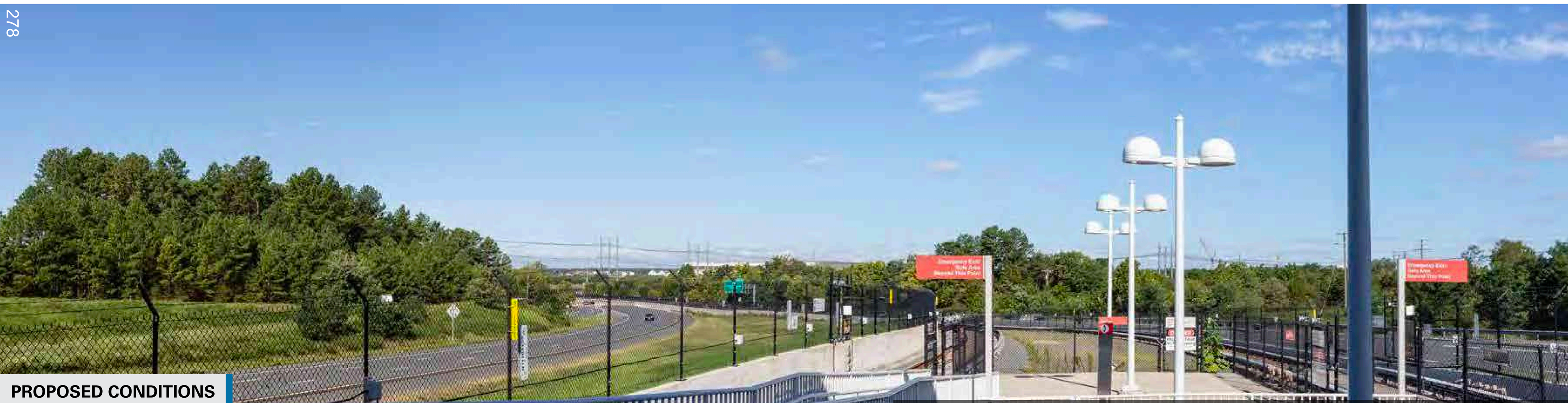
Lockridge 230 kV Option 1



Dominion Energy®



EXISTING CONDITIONS



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

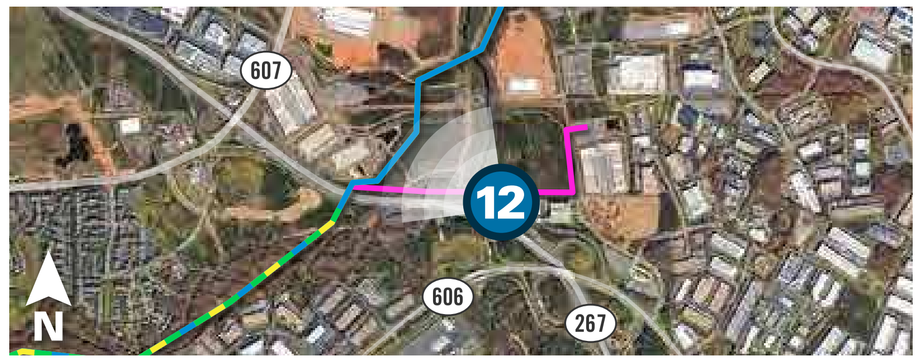
Transmission Line Project

Viewpoint 12

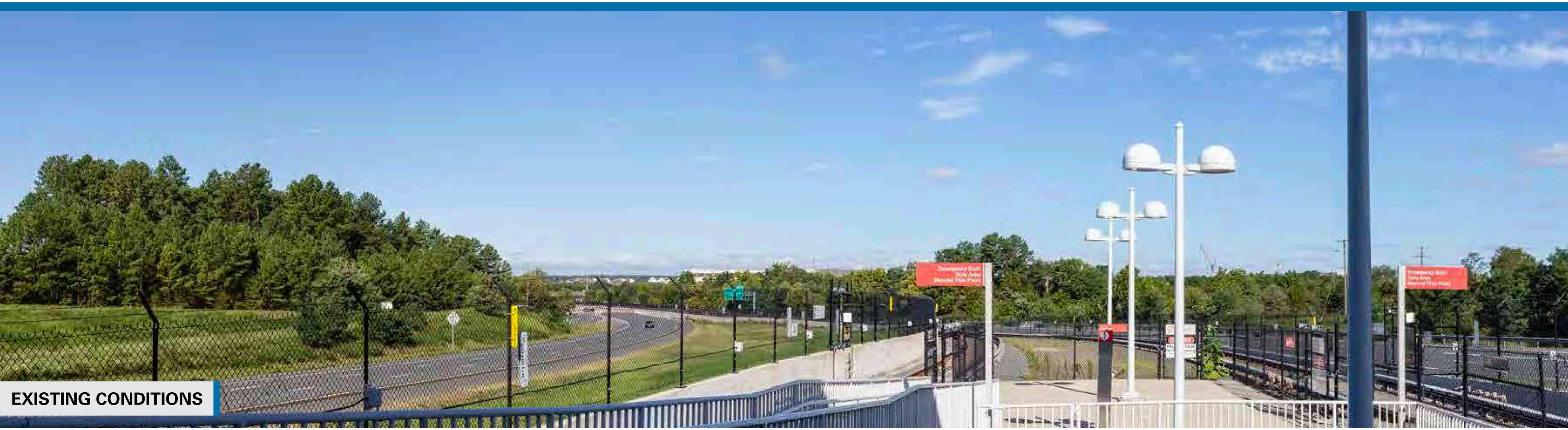
Date: 08/31/2023 **Time:** 8:46 am **Viewing Direction:** Northwest

12 Viewpoint Location — Route 2 — Route 3 — Route 4

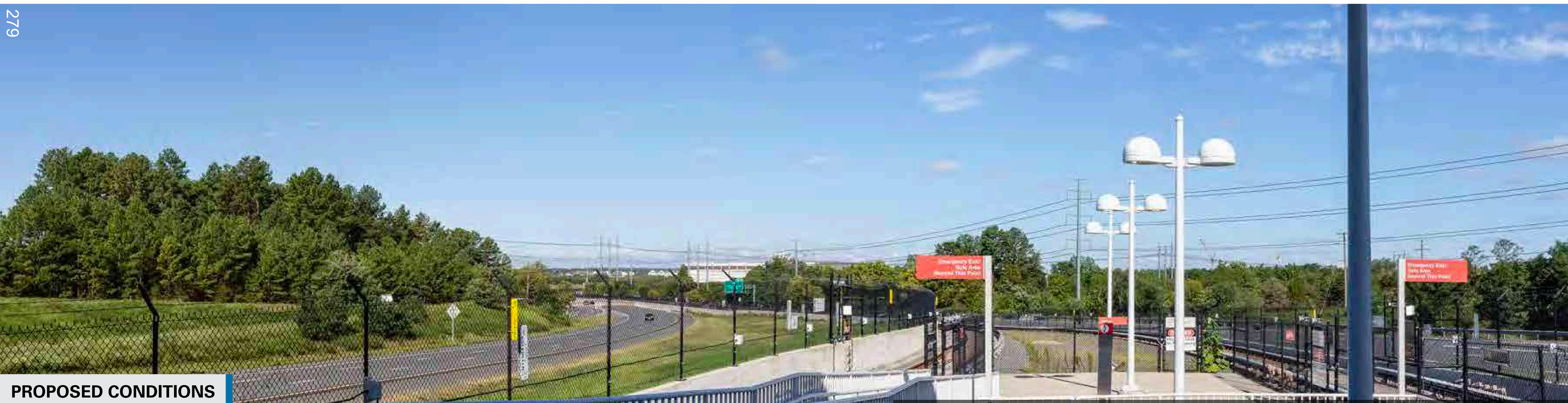
Lockridge 230 kV Option 2



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EXISTING CONDITIONS



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

Transmission Line Project

Viewpoint 13

Date: 08/31/2023 **Time:** 10:16 am **Viewing Direction:** North

13 Viewpoint Location — Route 1 — Route 2 — Route 3 — Route 4

▲ Existing Substation



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EXISTING CONDITIONS



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

Transmission Line Project

Viewpoint 14

Date: 08/31/2023 **Time:** 10:02 am **Viewing Direction:** Northwest

14 Viewpoint Location — Route 1 — Route 2 — Route 3 — Route 4

▲ Existing Substation



Dominion Energy®

EXISTING CONDITIONS

PROPOSED CONDITIONS

28314

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

Transmission Line Project

Viewpoint 14

Date: 08/31/2023 **Time:** 10:02 am **Viewing Direction:** Northwest

14 Viewpoint Location — Route 1 — Route 2 — Route 3 — Route 4

Dulles Center Variation ▲ Existing Substation



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EXISTING CONDITIONS



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

GOLDEN TO MARS

Transmission Line Project

Photo Location Map

1 Viewpoint Location

△ Proposed 500 kV Substation

Route 1

Route 2

Route 3

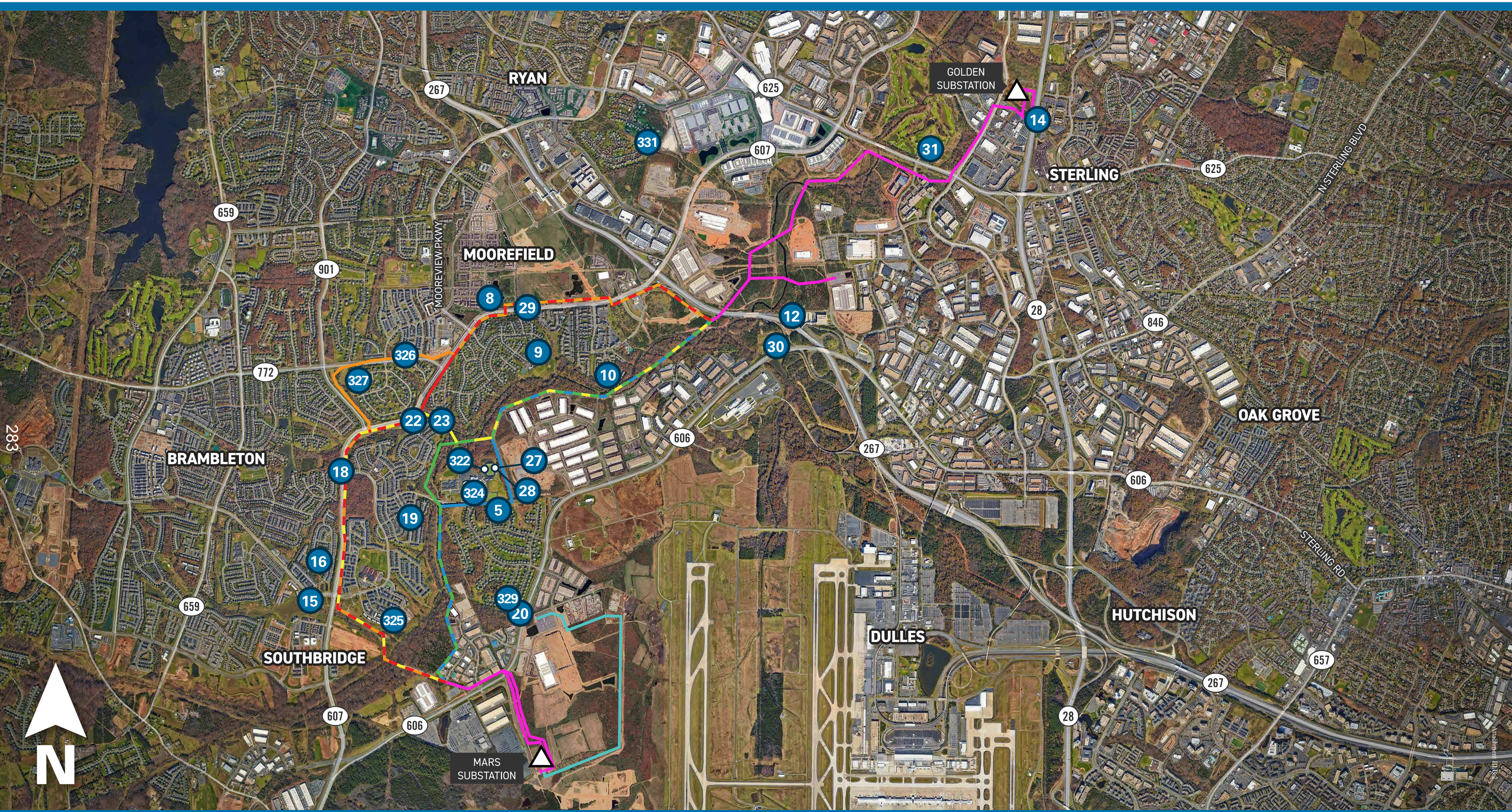
Digital Dulles Loop

Common Route

Route 4

Route 5

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Attachment III-93

GOLDEN TO MARS

Transmission Line Project

Viewpoint 5

Date: 06/13/2024 **Time:** 11:35 am **Viewing Direction:** Northwest

5 Viewpoint Location — Route 2



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EXISTING CONDITIONS



PROPOSED CONDITIONS OVERLAY

Objects displayed in yellow will be fully obscured by terrain and vegetation.

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

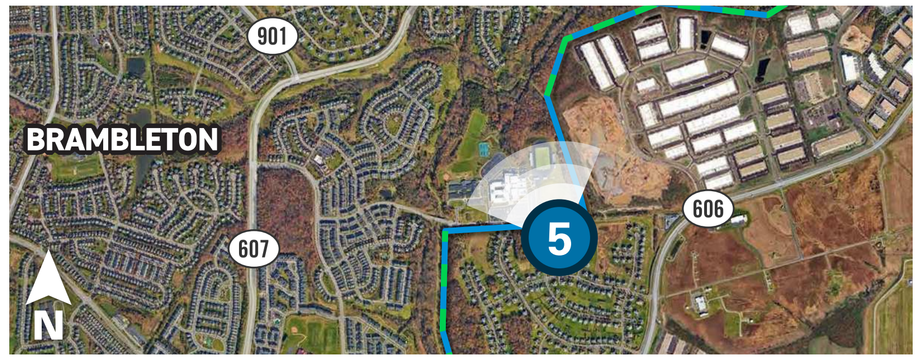
GOLDEN TO MARS

Transmission Line Project

Viewpoint 5

Date: 06/13/2024 **Time:** 11:35 am **Viewing Direction:** Northwest

5 Viewpoint Location — Route 3 — Route 4



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EXISTING CONDITIONS



PROPOSED CONDITIONS

285

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review

GOLDEN TO MARS

Transmission Line Project

Viewpoint 8

Date: 06/12/2024 **Time:** 1:21 pm **Viewing Direction:** South

8 Viewpoint Location — Route 1



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EXISTING CONDITIONS



PROPOSED CONDITIONS

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GOLDEN TO MARS

Transmission Line Project

Viewpoint 8

Date: 06/12/2024 **Time:** 1:21 pm **Viewing Direction:** South

8 Viewpoint Location — Route 5



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EXISTING CONDITIONS



PROPOSED CONDITIONS

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GOLDEN TO MARS

Transmission Line Project

Viewpoint 9

Date: 08/30/2023 **Time:** 2:00 pm **Viewing Direction:** Southwest

9 Viewpoint Location — Route 2 — Route 3 — Route 4 — Common Route



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EXISTING CONDITIONS



PROPOSED CONDITIONS

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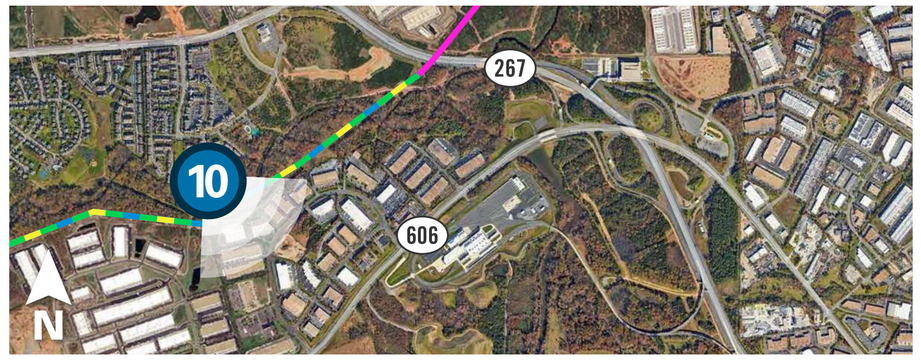
GOLDEN TO MARS

Transmission Line Project

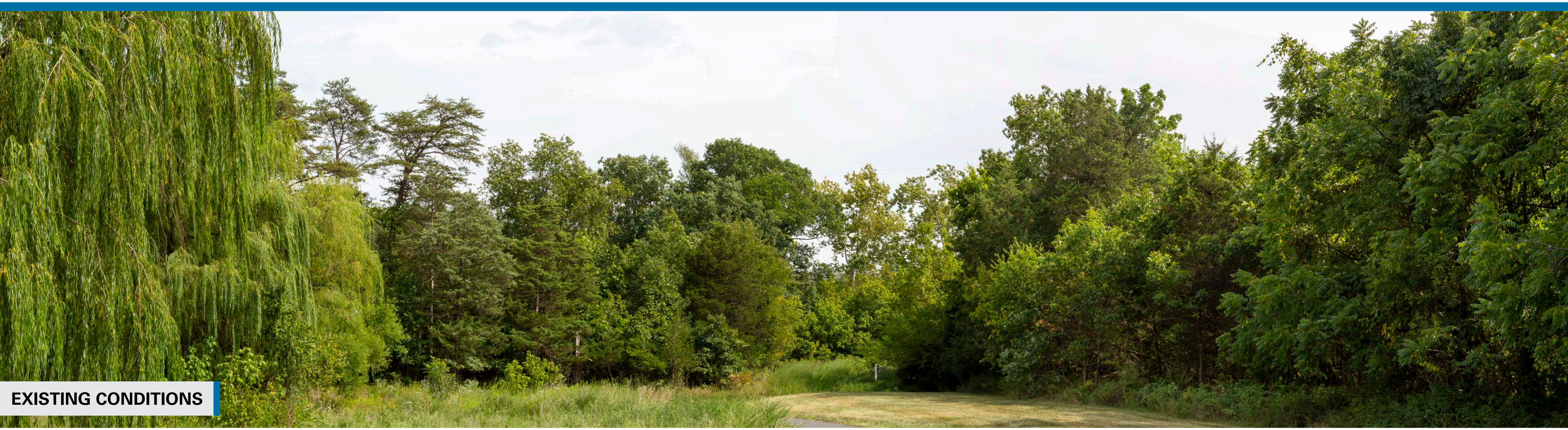
Viewpoint 10

Date: 08/30/2023 **Time:** 2:11 pm **Viewing Direction:** Southeast

10 Viewpoint Location — Route 2 — Route 3 — Route 4 — Common Route



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EXISTING CONDITIONS



PROPOSED CONDITIONS

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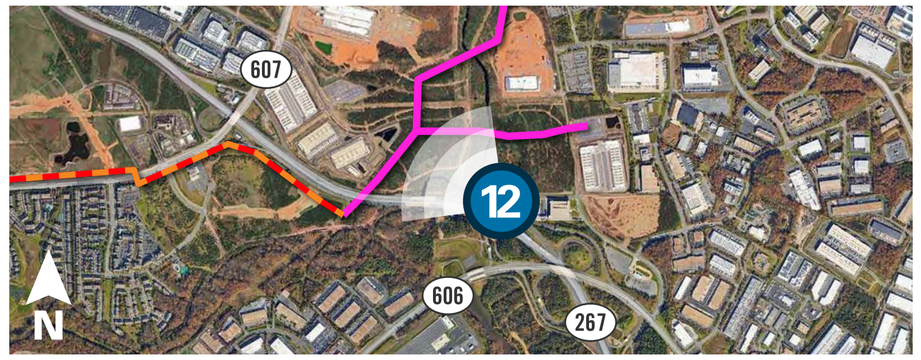
GOLDEN TO MARS

Transmission Line Project

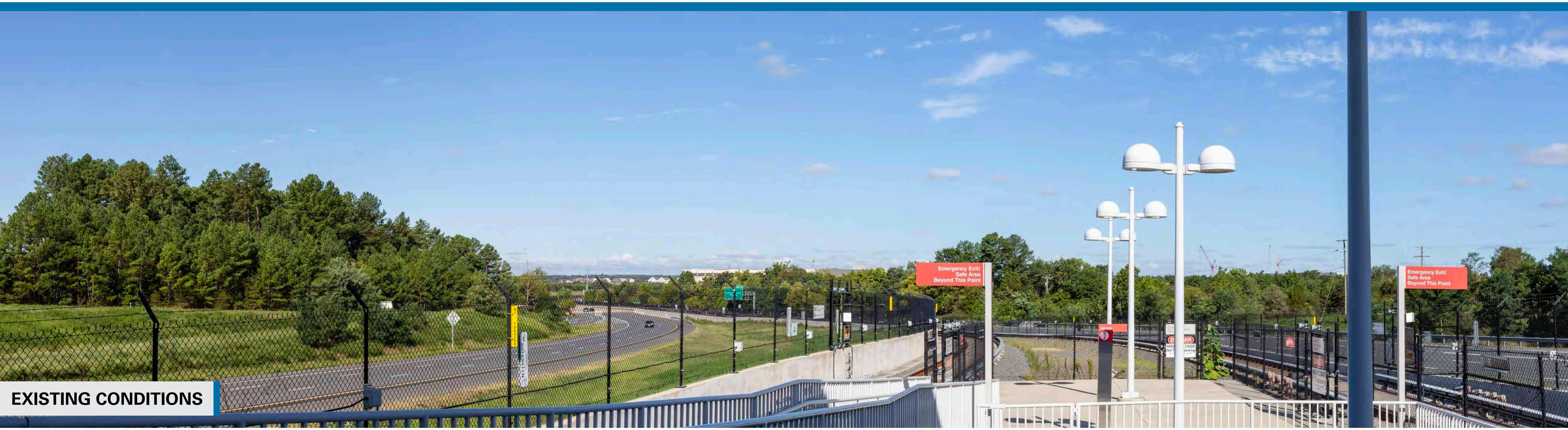
Viewpoint 12

Date: 08/31/2023 **Time:** 8:46 am **Viewing Direction:** Northwest

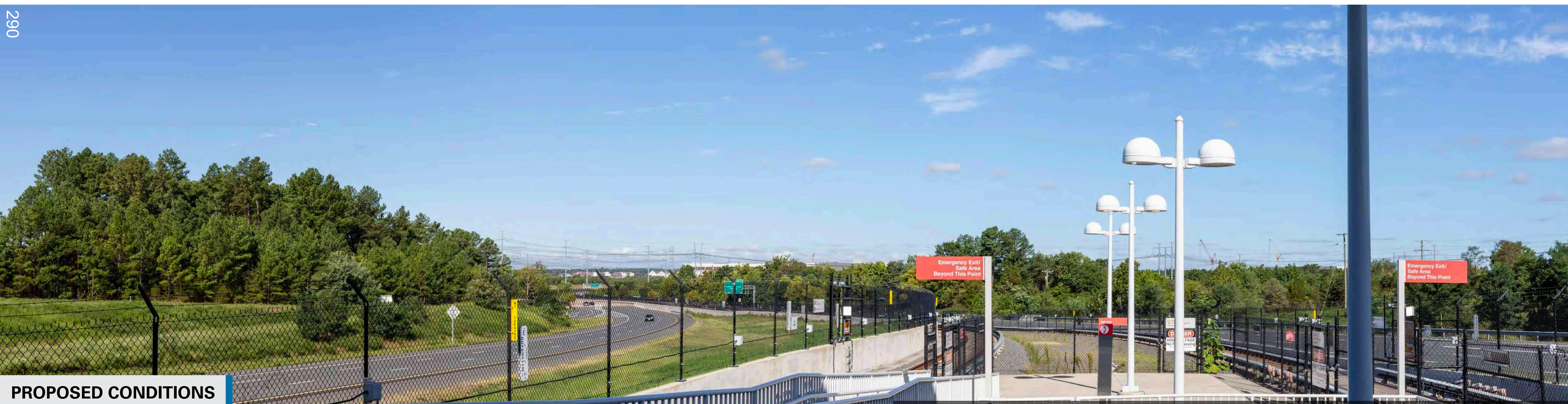
12 Viewpoint Location — Route 1 — Route 5 — Common Route



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EXISTING CONDITIONS



PROPOSED CONDITIONS

290

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.