II. DESCRIPTION OF THE PROPOSED PROJECT

B. Line Design and Operational Features

6. Provide photographs for typical existing facilities to be removed, comparable photographs or representations for proposed structures, and visual simulations showing the appearance of all planned transmission structures at identified historic locations within one mile of the proposed centerline and in key locations identified by the Applicant.

Response:

- [1] See <u>Attachment II.B.6.a</u> for representative photographs of the existing structures.
- [2] See <u>Attachment II.B.6.b</u> for representative photographs of the proposed structures for the Rebuild Project.
- [3] Visual simulations showing the appearance of the proposed transmission structures are provided for identified historic properties where expected to be visible. These simulations were created using GIS modeling to depict whether the existing and proposed structures are or will be visible from historic properties. Attachment II.B.6.c includes the photo simulation locations, as well as photographs of existing structures and simulations of the proposed structures from selected observation points, where visible. Historical simulation points are provided in the table below.

Resource Name	Observation Point #	Comment
North Anna Battlefield (VDHR# 042-0123)	1	Visibility of existing structures from select vantage points, mostly along Verndon Road with minimal increase in visibility of proposed structures. No visibility of existing structures from NPS property although proposed structures may be seasonally visible through treeline
North Anna Battlefield (VDHR# 042-0123)	2	Visibility of existing structures from select vantage points, mostly along Verndon Road with minimal increase in visibility of proposed structures. No visibility of existing structures from NPS property although proposed structures may be seasonally

		visible through treeline
North Anna Battlefield (VDHR# 042-0123)	3	Visibility of existing structures from select vantage points, mostly along Verndon Road with minimal increase in visibility of proposed structures. No visibility of existing structures from NPS property although proposed structures may be seasonally visible through treeline
North Anna Battlefield (VDHR# 042-0123)	4	Visibility of existing structures from select vantage points, mostly along Verndon Road with minimal increase in visibility of proposed structures. No visibility of existing structures from NPS property although proposed structures may be seasonally visible through treeline
Cool Water (VDHR# 042-0075)	5	One existing structure visible from home with an increase in visibility of proposed structure, as well as visibility of additional structures currently not visible from upper portions of property
Cool Water (VDHR# 042-0075)	6	One existing structure visible from home with an increase in visibility of proposed structure, as well as visibility of additional structures currently not visible from upper portions of property
Scotchtown (VDHR# 042-0030)	7	No visibility of existing or proposed structures
Scotchtown (VDHR# 042-0030)	8	No visibility of existing or proposed structures
Ashland Trolley Line (VDHR# 043-5387)	9	Corridor utilized as ROW for existing line with unobstructred visibility of existing structures. No substantial change in viewshed from proposed structures. No visibility of

		existing or proposed structures from portion of corridor utilized as a hiking and interpretive trail
Ashland Trolley Line (VDHR# 043-5387)	10	Corridor utilized as ROW for existing line with unobstructred visibility of existing structures. No substantial change in viewshed from proposed structures. No visibility of existing or proposed structures from portion of corridor utilized as a hiking and interpretive trail
RF&P Railroad (VDHR# 088-0001/088-5413)	11	No visibility of existing or proposed structures from publicly-accessible vantage points
RF&P Railroad (VDHR# 088-0001/088-5413)	12	No visibility of existing or proposed structures from publicly-accessible vantage points

See $\underline{\text{Attachment III.B.8}}$ for visual simulations of key locations evaluated.



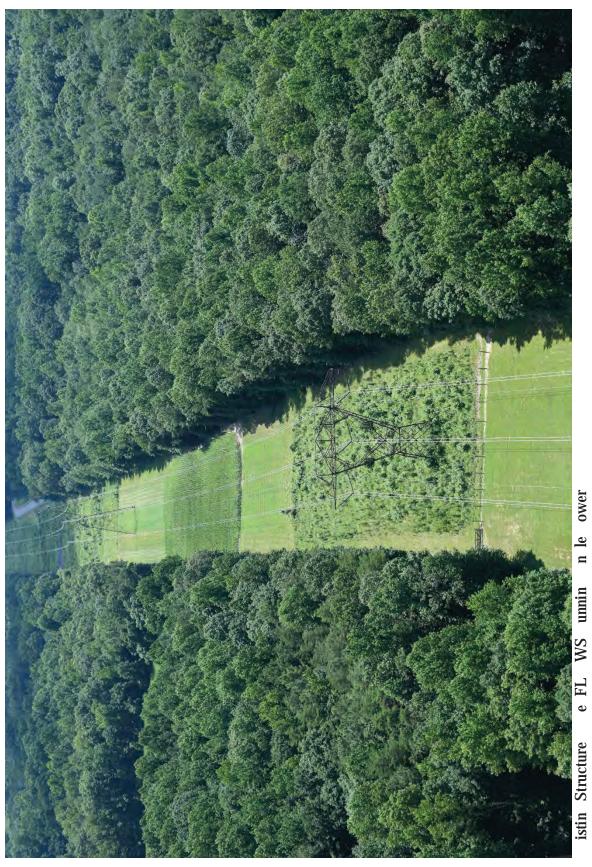
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Dominion Energy®

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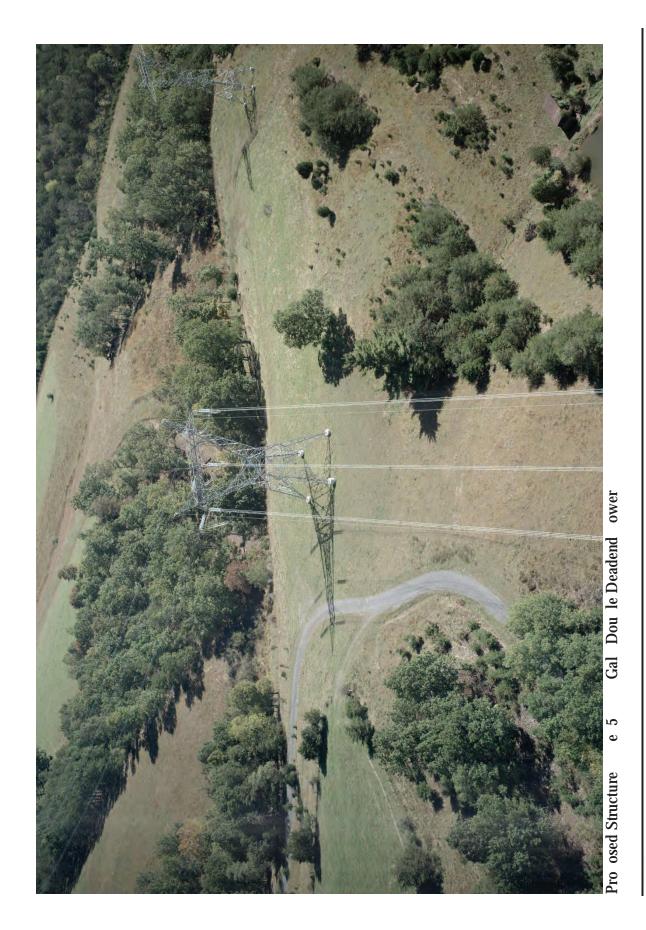
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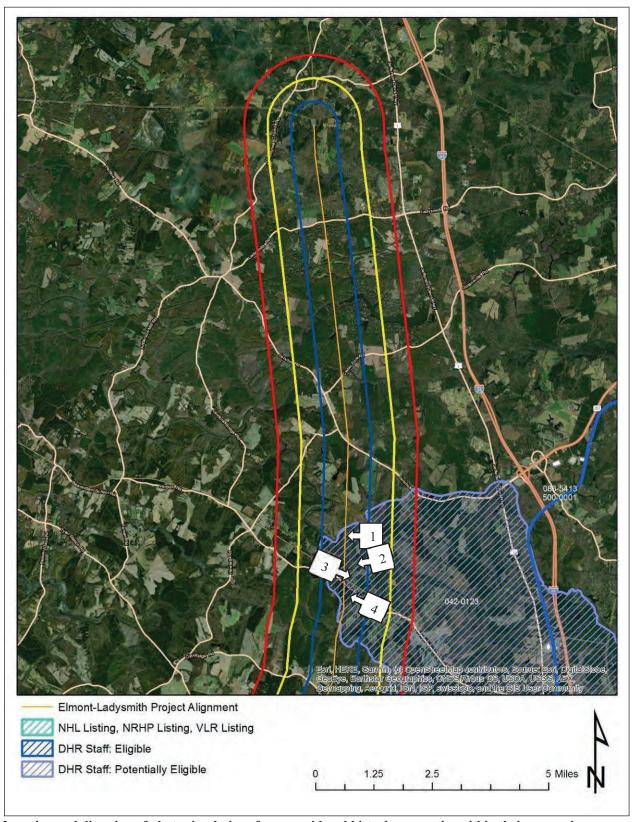


Dominion Energy®

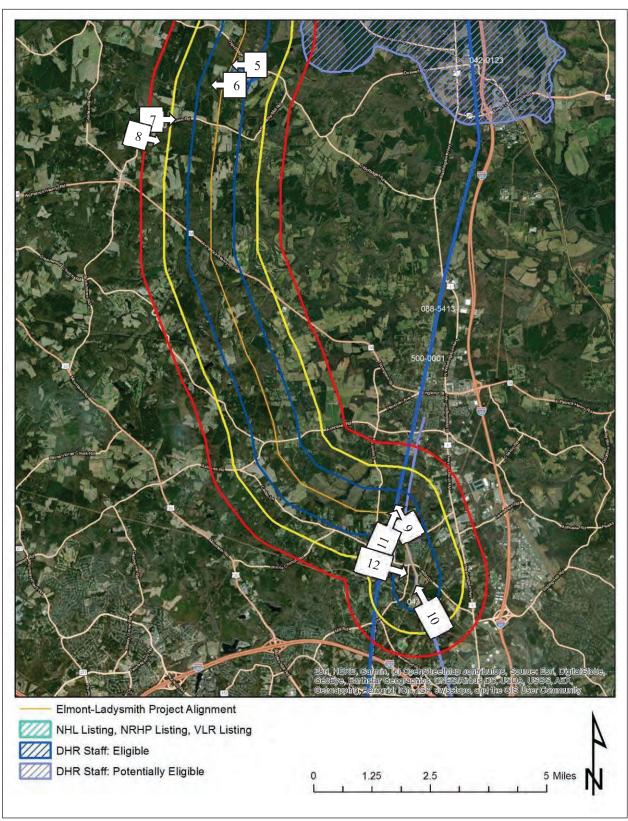
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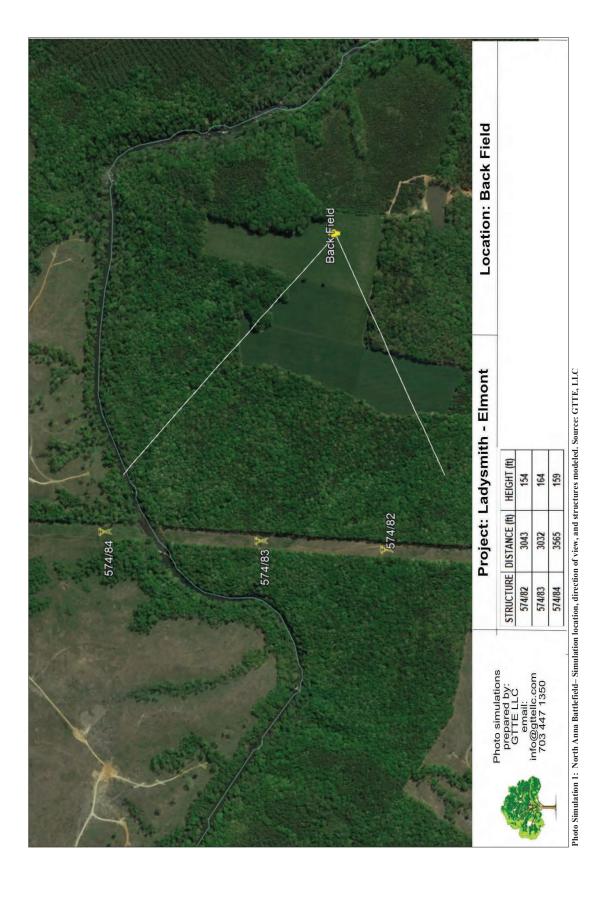
Dominion Energy®



Location and direction of photo simulations from considered historic properties within their respective study tiers around the project alignment (northern half).



Location and direction of photo simulations from considered historic properties within their respective study tiers around the project alignment (southern half).



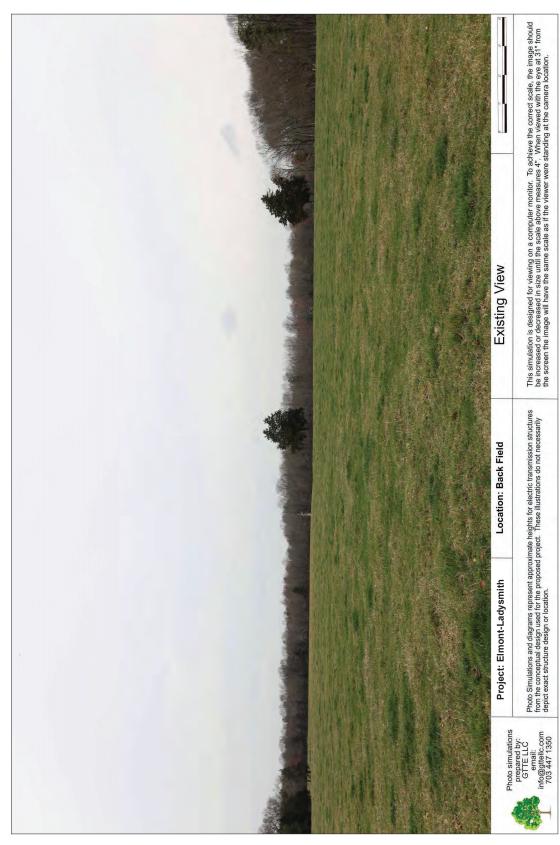


Photo Simulation 1: North Anna Battlefield Photo - Existing view from NPS Property. Source: GTTE, LLC

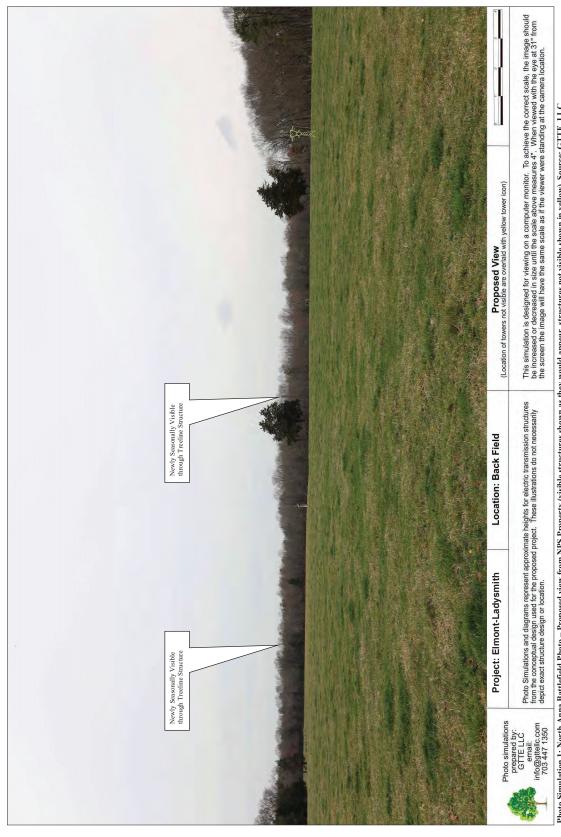


Photo Simulation 1: North Anna Battlefield Photo - Proposed view from NPS Property (visible structures shown as they would appear, structures not visible shown in yellow). Source: GTTE, LLC

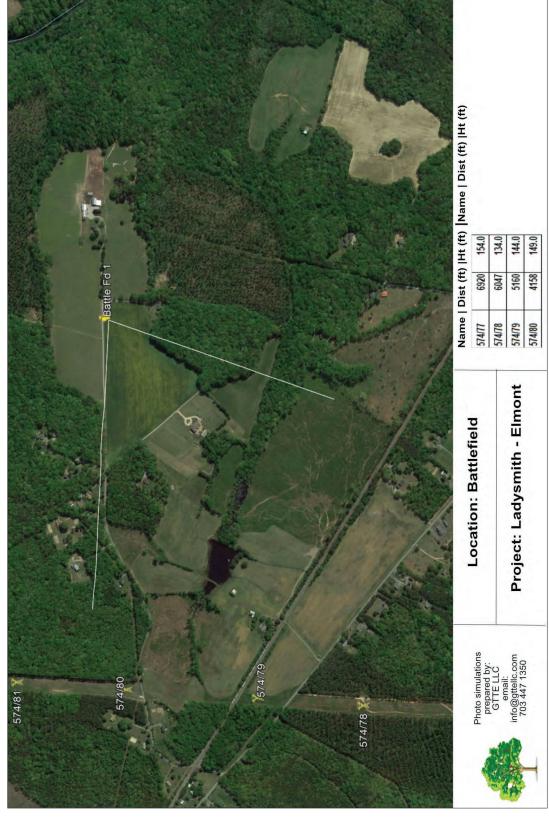


Photo Simulation 2: North Anna Battlefield - Simulation location, direction of view, and structures modeled. Source: GTTE, LLC



Photo Simulation 2: North Anna Battleffeld - Existing view from Noel Road. Source: GTTE, LLC

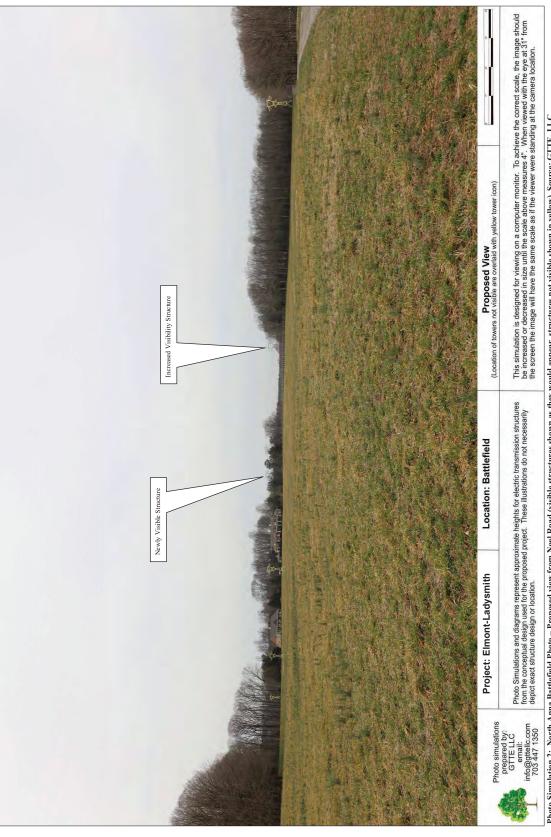


Photo Simulation 2: North Anna Battlefield Photo - Proposed view from Noel Road (visible structures shown as they would appear, structures not visible shown in yellow). Source: GTTE, LLC



Photo Simulation 3: North Anna Battlefield - Simulation location, direction of view, and structures modeled. Source: GTTE, LLC



Photo Simulation 3: North Anna Battlefield - Existing view from Verndon Road (west of project). Source: GTTE, LLC



Photo Simulation 3: North Anna Battlefield Photo - Proposed view from Verndon Road (west of project) (visible structures shown as they would appear, structures not visible shown in yellow). Source: GTTE, LLC

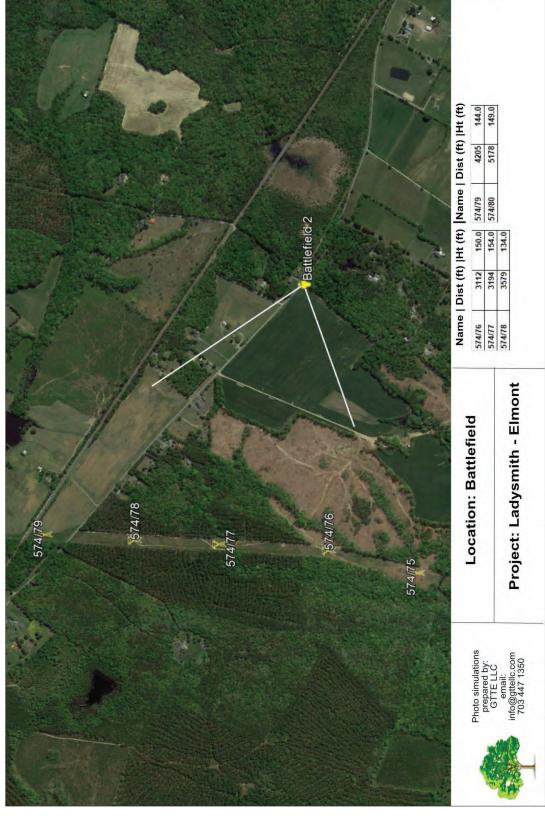


Photo Simulation 4: North Anna Battleffeld Photo - Simulation location, direction of view, and structures modeled. Source: GTTE, LLC

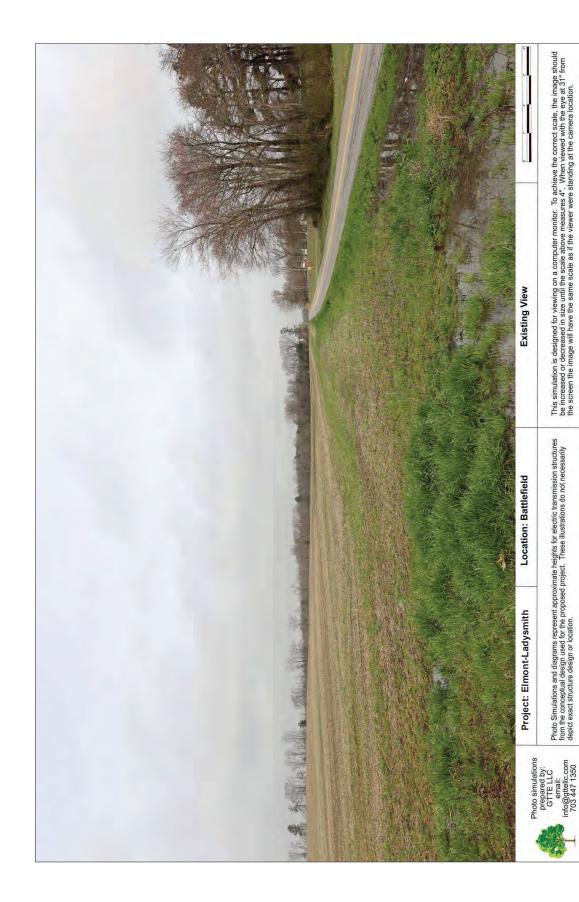


Photo Simulation 4: North Anna Battlefield Photo - Existing view from Verndon Road (east of project). Source: GTTE, LLC



Photo Simulation 4: North Anna Battlefield Photo - Proposed view from Verndon Road (east of project) (visible structures shown as they would appear, structures not visible shown in yellow). Source: GTTE, LLC

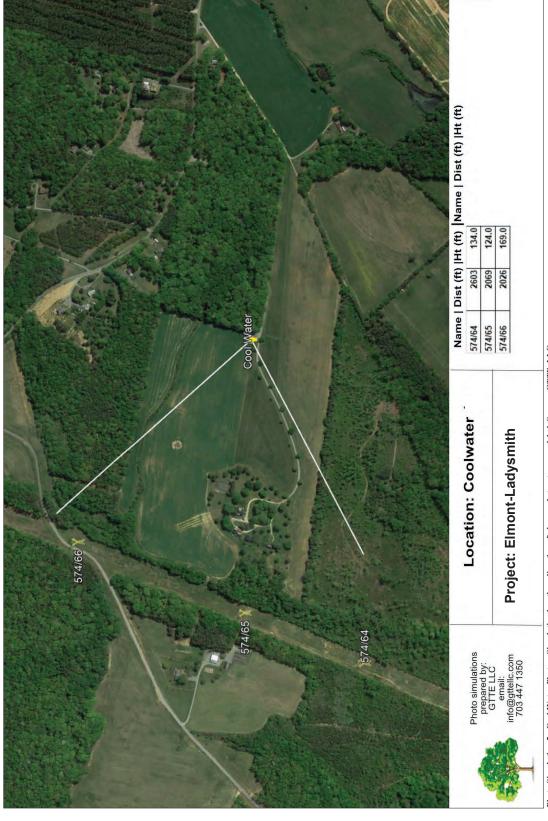


Photo Simulation 5: Cool Water Photo - Simulation location, direction of view, and structures modeled. Source: GTTE, LLC



Photo Simulation 5: Cool Water Photo - Existing view from driveway. Source: GTTE, LLC

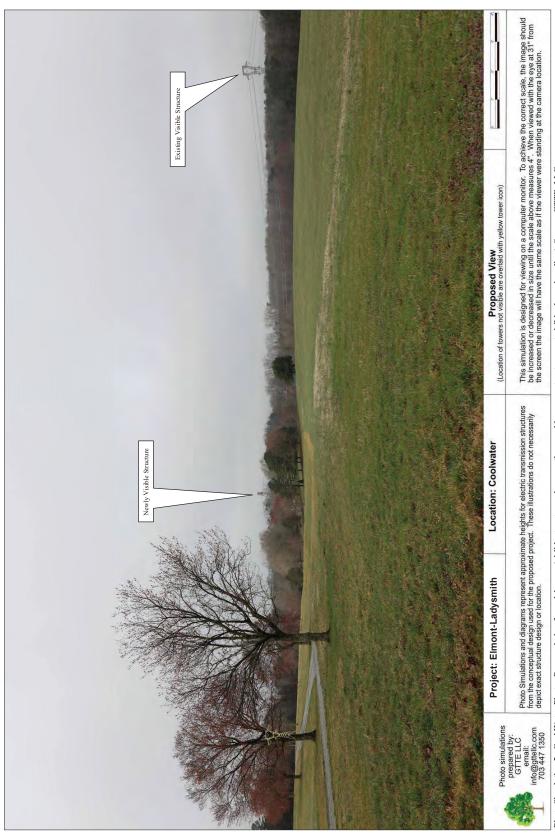


Photo Simulation 5: Cool Water Photo-Proposed view from driveway (visible structures shown as they would appear, structures not visible shown in yellow). Source: GTTE, LLC







Photo Simulation 6: Cool Water Photo - Proposed view from homesite (visible structures shown as they would appear, structures not visible shown in yellow). Source: GTTE, LLC

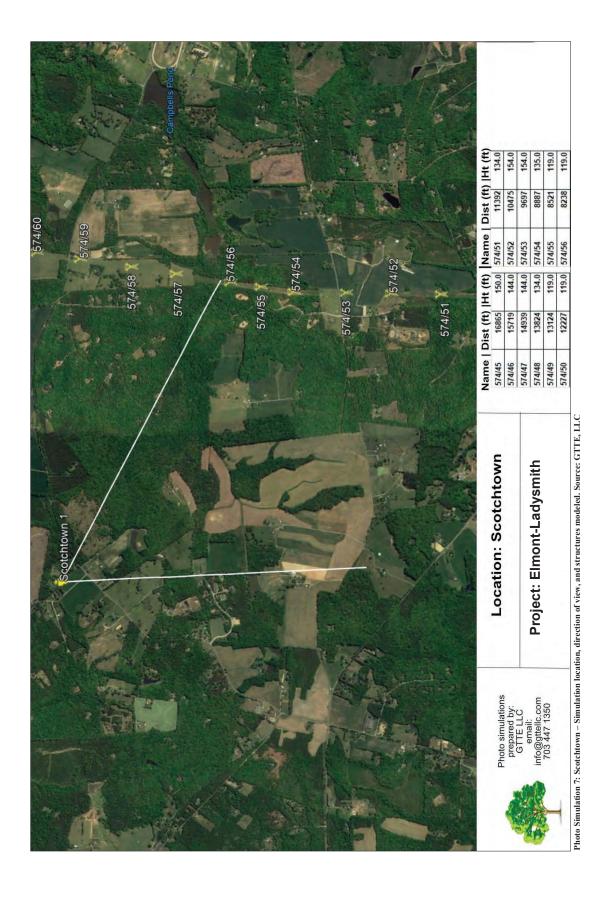




Photo Simulation 7: Scotchtown Photo - Existing view from front lawn. Source: GTTE, LLC



Photo Simulation 7: Scotchtown Photo - Proposed view from front lawn (visible structures shown as they would appear, structures not visible shown in yellow). Source: GTTE, LLC

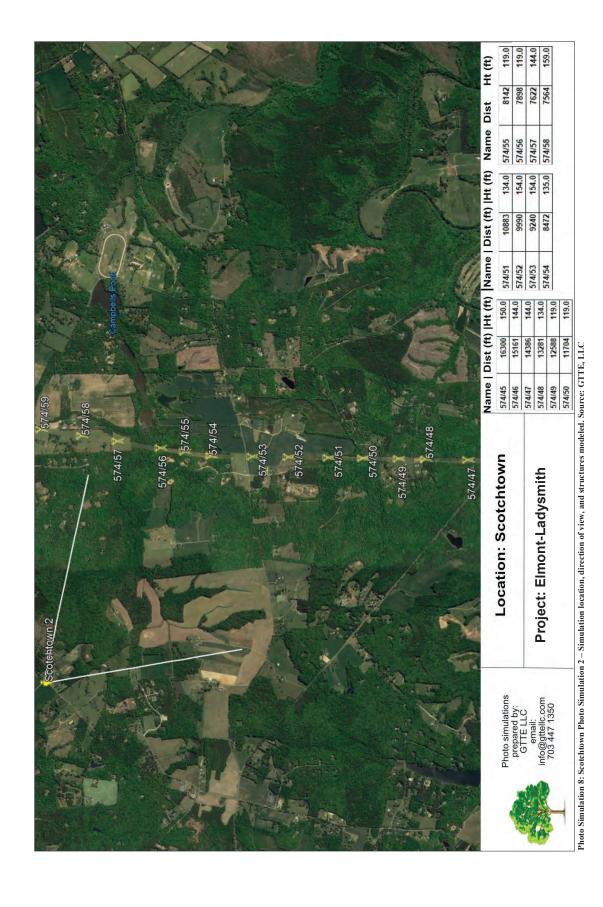




Photo Simulation 8: Scotchtown - Existing view from Chiswell Lane. Source: GTTE, LLC



Photo Simulation 8: Scotchtown-Proposed view from Chiswell Lane (visible structures shown as they would appear, structures not visible shown in yellow). Source: GTTE, LLC

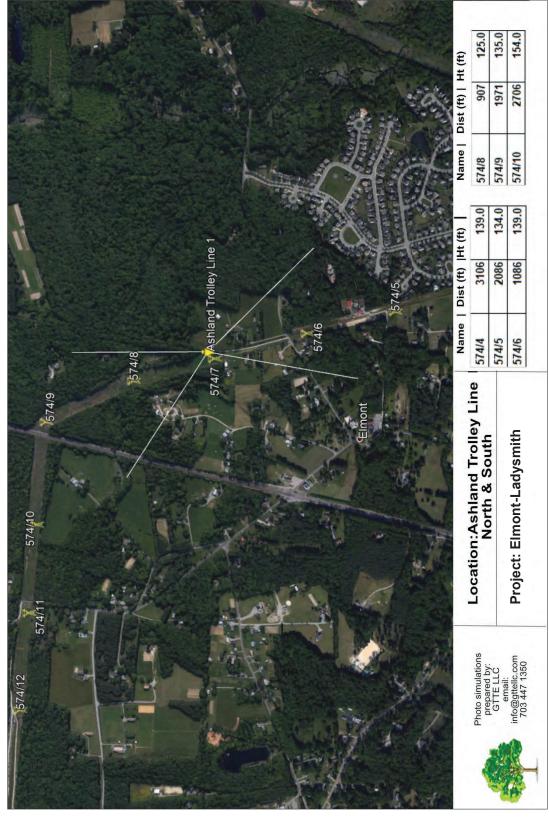


Photo Simulation 9: Richmond-Ashland Trolley Photo - Simulation location, direction of view, and structures modeled. Source: GTTE, LLC



Photo Simulation 9: Richmond-Ashland Trolley - Existing view from corridor split looking north. Source: GTTE, LLC



Photo Simulation 9: Richmond-Ashland Trolley Photo - Proposed view from corridor split north (visible structures shown as they would appear on the landscape, structures not visible shown in yellow). Source: GTTE, LLC



Photo Simulation 9: Richmond-Ashland Trolley - Existing view from corridor split looking south. Source: GTTE, LLC

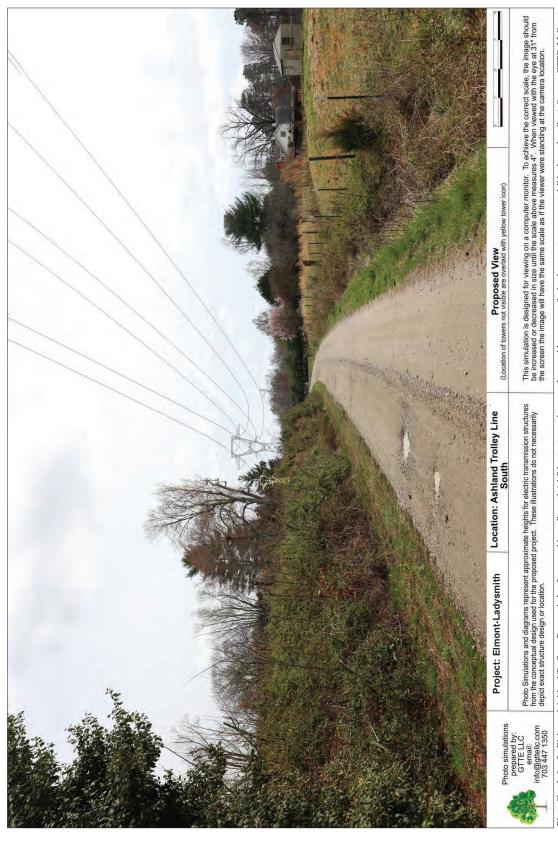


Photo Simulation 9: Richmond-Ashland Trolley - Proposed view from corridor split south (visible structures shown as they would appear on the landscape, structures not visible shown in yellow). Source: GTTE, LLC



Photo Simulation 10: Richmond-Ashland Trolley Photo-Simulation location, direction of view, and structures modeled. Source: GTTE, LLC



Photo Simulation 10: Richmond-Ashland Trolley - Existing view from Cedar Lane. Source: GTTE, LLC



Photo Simulation 10: Richmond-Ashland Trolley - Proposed view from Cedar Lane (visible structures shown as they would appear on the landscape, structures not visible shown in yellow). Source: GTTE, LLC

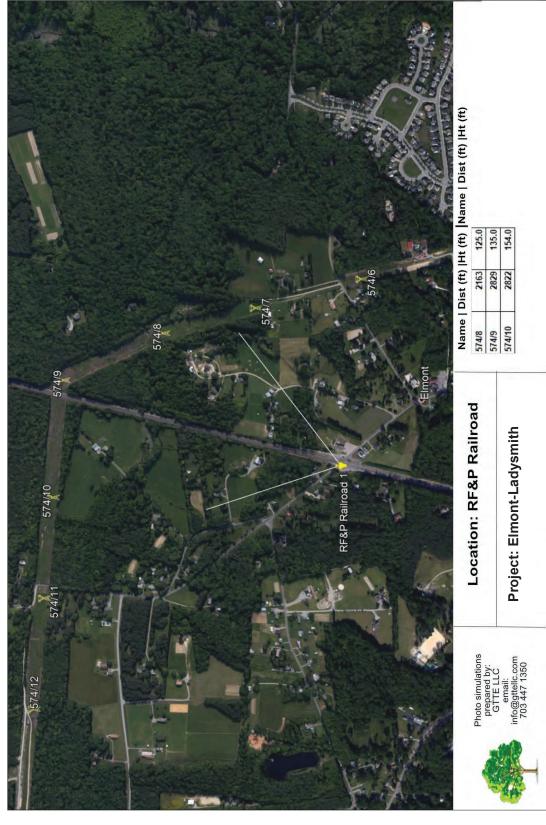


Photo Simulation 11: RF&P Railroad - Simulation location, direction of view, and structures modeled. Source: GTTE, LLC



Photo Simulation 11: RF&P Railroad Photo Simulation 1 - Existing view from Elmont Road. Source: GTTE, LLC



Photo Simulation 11: RF&P Railroad - Proposed view from Elmont Road (visible structures shown as they would appear on the landscape, structures not visible shown in yellow). Source: GTTE, LLC





Photo Simulation 12: RF&P Railroad - Existing view from Cedar Lane. Source: GTTE, LLC



Photo Simulation 12: RF&P Railroad - Proposed view from Cedar Lane (visible structures shown as they would appear on the landscape, structures not visible shown in yellow). Source: GTTE, LLC