

Viewshed Mapping Package

Proposed Wireless Telecommunications Facility:

VT6345 Mendon

U.S. Route 4

Mendon, VT 05701

- Proposed new 180.0 ft AGL MonoPole antenna structure
- Viewshed map completed 8/15/19
- Balloon test and viewshed verification completed 8/15/19

Package prepared by:

Virtual Site Simulations, LLC

28 Caswell Street

Suite 100

Narragansett, Rhode Island 02882

www.VirtualSiteSimulations.com

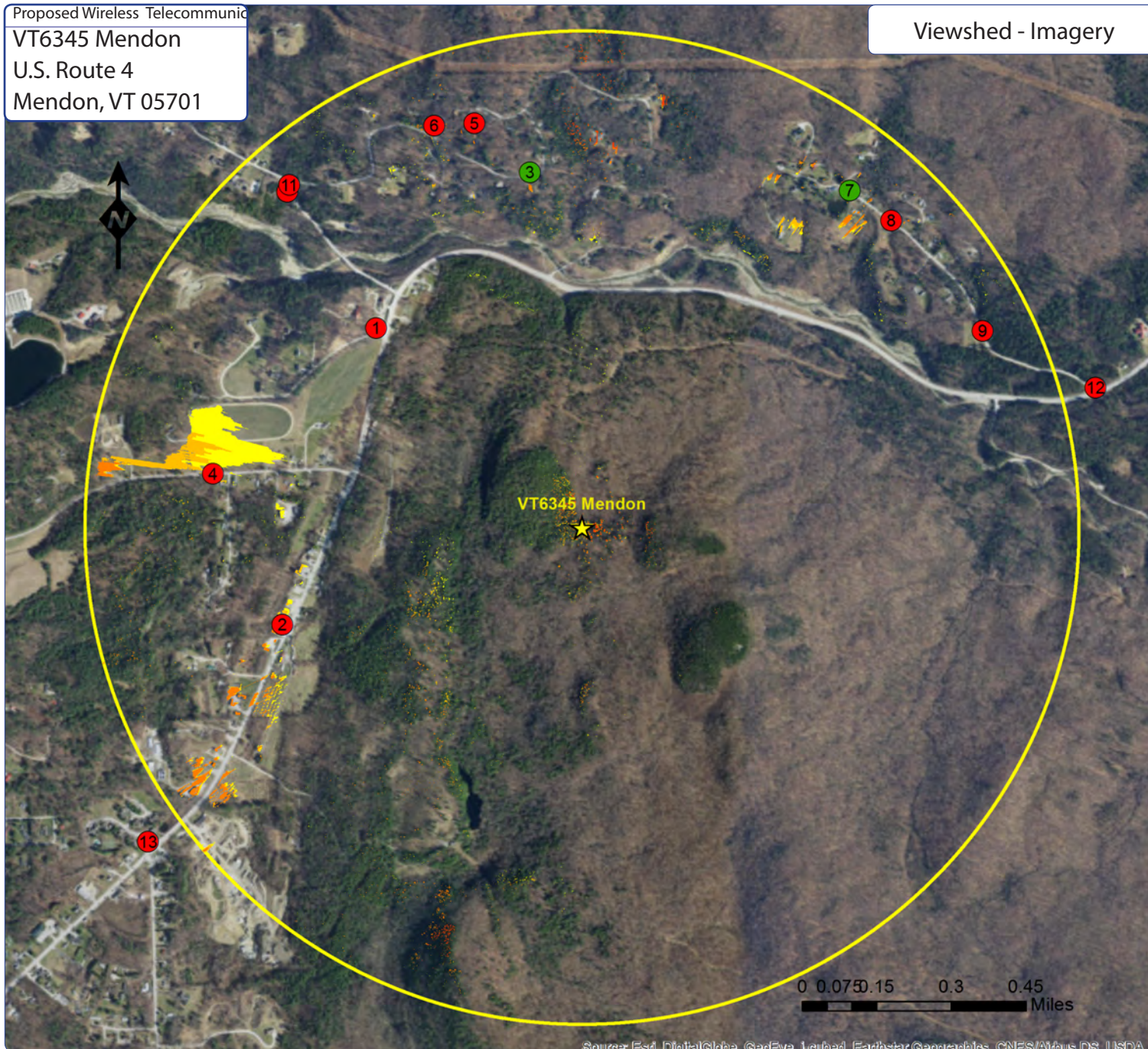
www.ThinkVSSFirst.com

Viewshed analysis maps and representations contained herein depict where proposed facility may potentially be visible based on the best data available and site conditions at the time data was collected. This study does not claim to depict all locations from where the facility may be potentially visible.

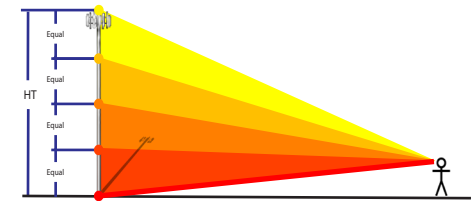


Proposed Wireless Telecommunication
 VT6345 Mendon
 U.S. Route 4
 Mendon, VT 05701

Viewshed - Imagery



IVSview® Color Legend



★ Facility Location ○ 1 Mile Radius

- (X) Photo location - Balloon visible
- Year Round Visibility
- (X) Photo location - Balloon visible
- Obstructed Visibility
- (X) Photo location - Balloon NOT visible

Tower Visibility

Color	Location	% Vis	Acres
Yellow	Top 25%	0.50%	10.1
Orange	Top 50%	0.31%	6.2
Red	Top 75%	0.29%	5.9
Dark Red	Top 100%	0.07%	1.3
Red	Base	0.00%	0.0
TOTAL		1.17%	23.4 Acres

Statistics:

PROJ_DESC=Geographic (Lat/Long) / WGS84 / arc degrees
 PROJ_DATUM=WGS84 PROJ_UNITS=arc degrees
 PIXEL WIDTH=0.0000013 arc degrees (+/- .6 ft)
 PIXEL HEIGHT=0.0000014 arc degrees (+/- .6 ft)
 RADIUS (FT)= 1 Mile
 TRANSMITTER_HEIGHT (Ft-AGL)= 180.0
 RECEIVER_HEIGHT (Ft-AGL)= 5 Ft
 PERCENT_VISIBLE (%)= 1.17%

Notes:

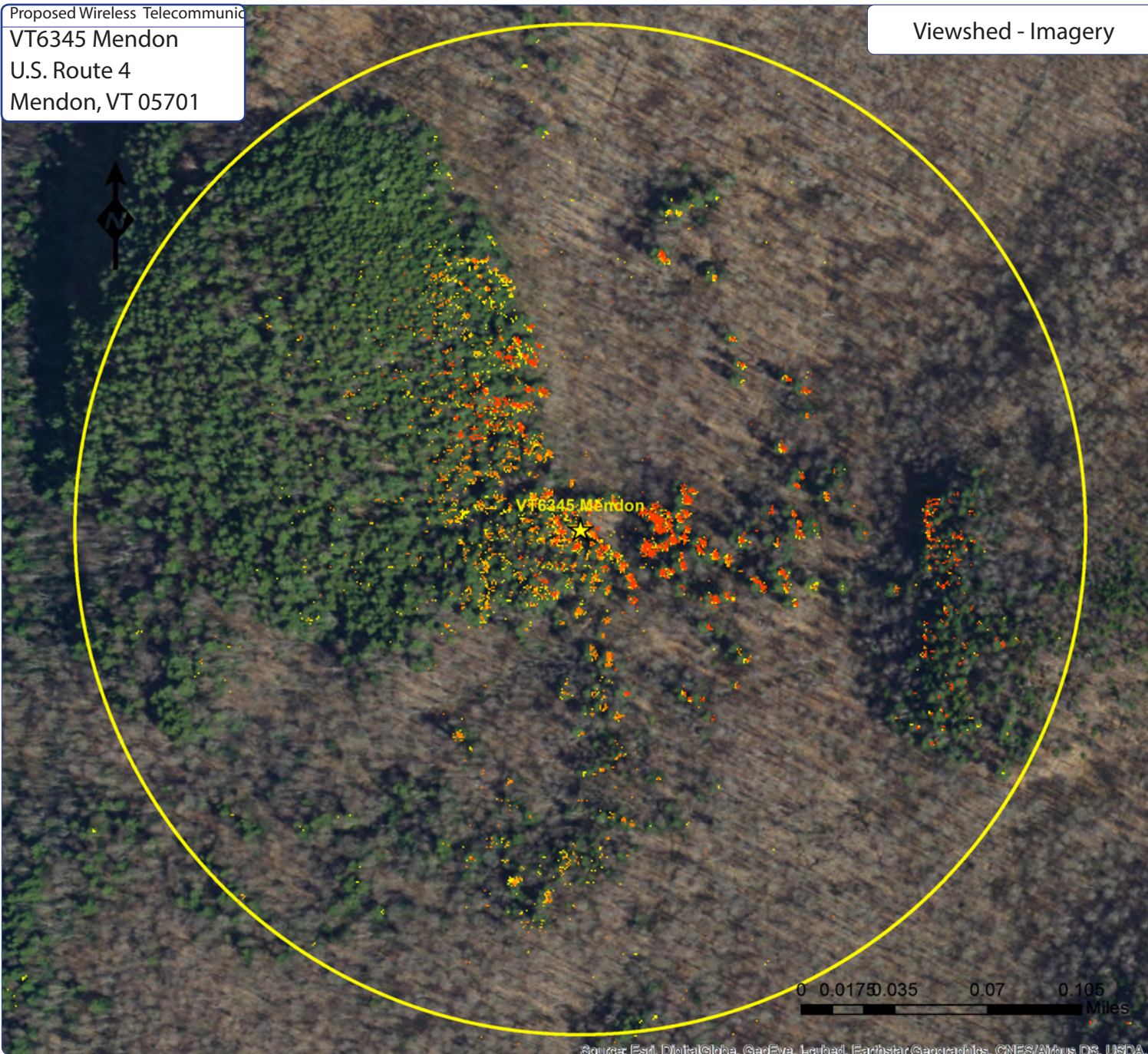
- map compiled by VSS, LLC on :
- Tower location(lat/long NAD 83): 43.644439 -72.920075
- Data Sources noted on documentation page attached

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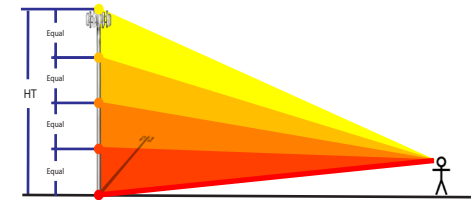


VT6345 Mendon
U.S. Route 4
Mendon, VT 05701

Viewshed - Imagery



IVSview® Color Legend



★ Facility Location ○ 1000 Ft Radius

- Photo location - Balloon visible
- Year Round Visibility
- Photo location - Balloon visible
- Obstructed Visibility
- Photo location - Balloon NOT visible

Tower Visibility			
Color	Location	% Vis	Acres
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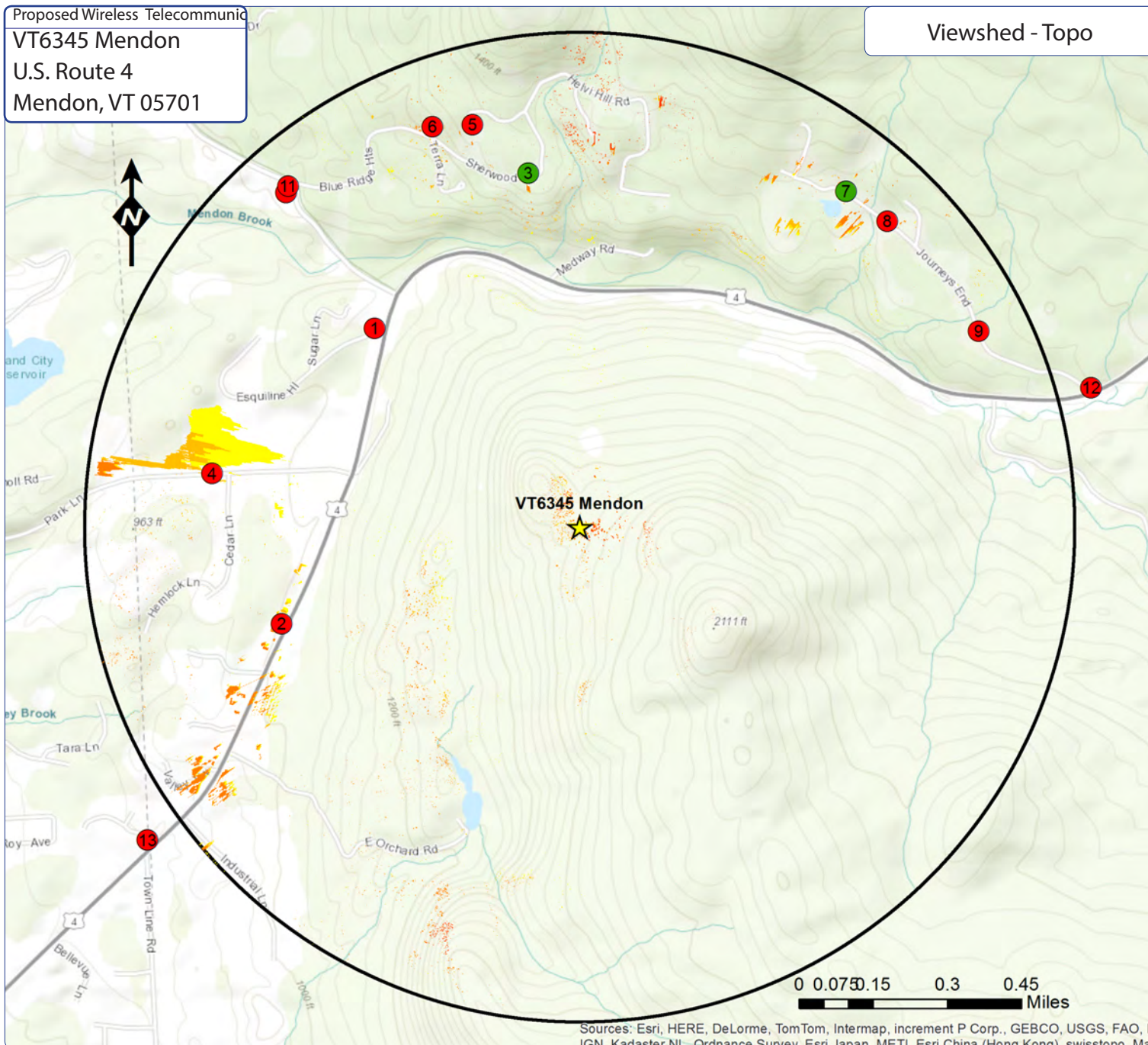
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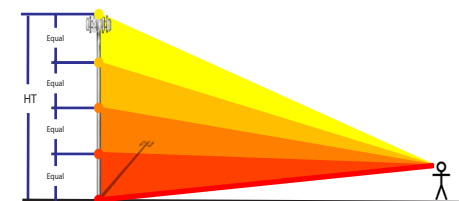


Proposed Wireless Telecommunication Facility
 VT6345 Mendon
 U.S. Route 4
 Mendon, VT 05701

Viewshed - Topo



IVSview® Color Legend



★ Facility Location ○ 1 Mile Radius

- ⊗ Photo location - Balloon visible
- Year Round Visibility
- ⊗ Photo location - Balloon visible
- Obstructed Visibility
- ⊗ Photo location - Balloon NOT visible

Tower Visibility

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 RECEIVER_HEIGHT (Ft-AGL)= 5 Ft
 PERCENT_VISIBLE (%)= 1.17%

Notes:

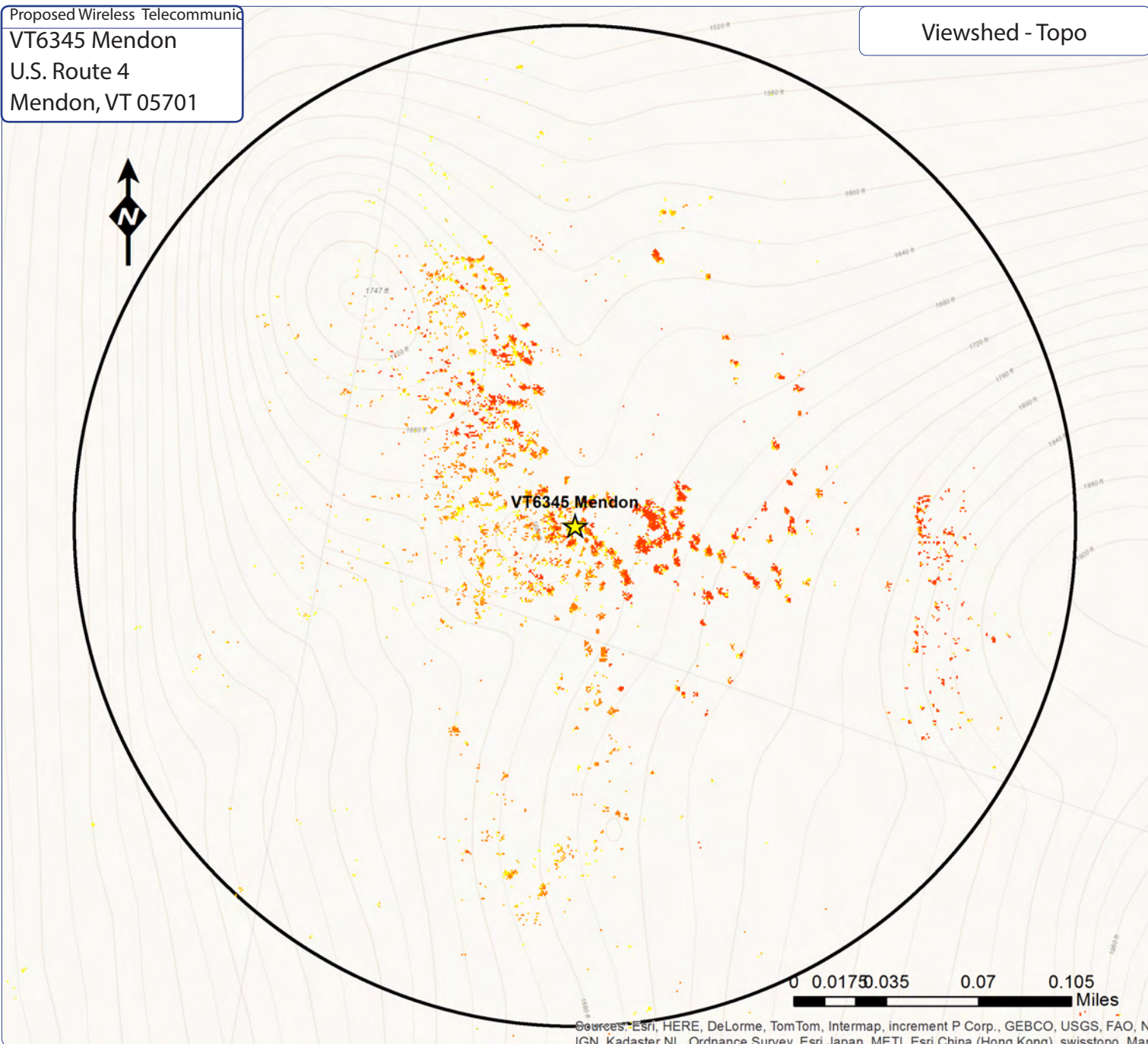
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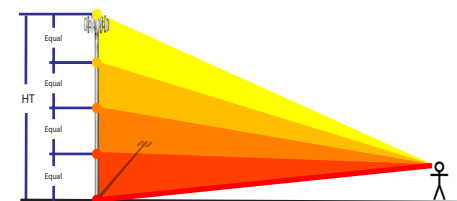


Proposed Wireless Telecommunication
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Viewshed - Topo



IVSview® Color Legend



★ Facility Location ○ 1000 Ft Radius

- ⊗ Photo location - Balloon visible
- Year Round Visibility
- ⊗ Photo location - Balloon visible
- Obstructed Visibility
- ⊗ Photo location - Balloon NOT visible

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Photographic Simulation Package

Proposed Wireless Telecommunications Facility:

VT6345 Mendon
U.S. Route 4
Mendon, VT 05701

- Balloon Test Conducted 8/15/19



Package prepared by:

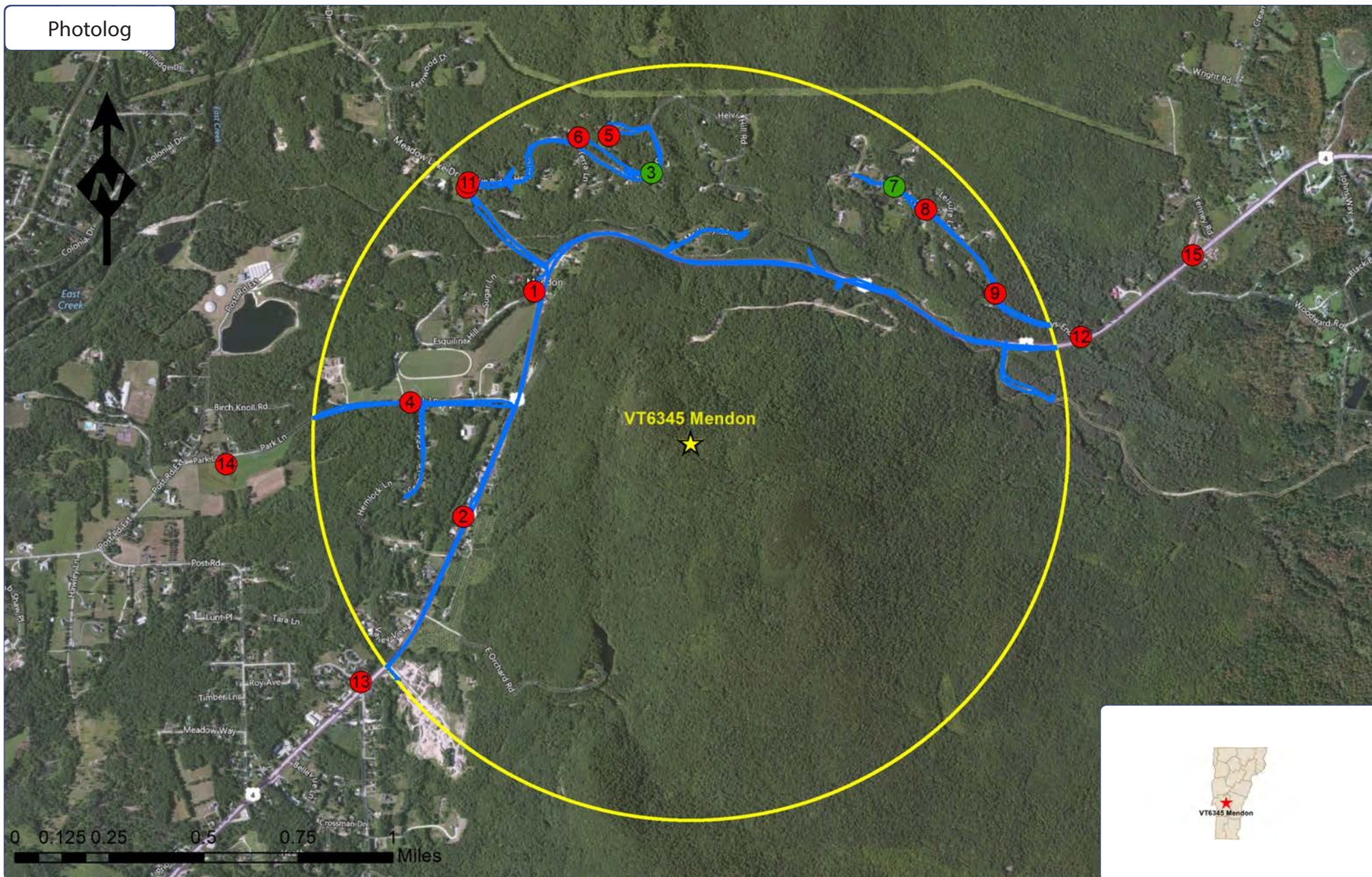
Virtual Site Simulations, LLC
28 Caswell Street
Suite 100
Narragansett, Rhode Island 02882

www.VirtualSiteSimulations.com
www.ThinkVSSFirst.com

Photo Simulations are for demonstration purposes only. It should not be used in any other fashion or with any other intent. The accuracy of the resulting data is not guaranteed and is not for redistribution



Photolog



Wireless Telecommunications Facility:

VT6345 Mendon
U.S. Route 4
Mendon, VT 05701

Legend:

- ★ Facility Location
- 1 Mile Radius
- Reconnaissance Track Log
- ⊗ Photo location - Balloon visible
- Year Round Visibility
- ⊗ Photo location - Balloon visible
- Obscured Visibility
- ⊗ Photo location - Balloon NOT visible

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Existing

Balloon not visible from this location



Photo #	Location	Gps Coordinates		Distance to site	Orientation	Bearing to site	Visibility
1	40 US-4	43.65024	-72.92834	0.58 Miles	North-West	134	Not Visible

Site: VT6345 Mendon

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Your Visual Data Partner



Existing

Balloon not visible from this location



Photo #	Location	Gps Coordinates		Distance to site	Orientation	Bearing to site	Visibility
2	19 US-4	43.64161	-72.93207	0.63 Miles	West	72	Not Visible

Site: VT6345 Mendon

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Existing



Photo #	Location	Gps Coordinates		Distance to site	Orientation	Bearing to site	Visibility
3	17 Sherwood Dr	43.65479	-72.92218	0.72 Miles	North	172	Year Round

Site: VT6345 Mendon

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Photo #	Location	Gps Coordinates		Distance to site	Orientation	Bearing to site	Visibility
3	17 Sherwood Dr	43.65479	-72.92218	0.72 Miles	North	172	Year Round

Site: VT6345 Mendon

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Existing

Balloon not visible from this location



Photo #	Location	Gps Coordinates		Distance to site	Orientation	Bearing to site	Visibility
4	2 Cedar Ln	43.64598	-72.93487	0.75 Miles	West	98	Not Visible

Site: VT6345 Mendon

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Existing

Balloon not visible from this location



Photo #	Location	Gps Coordinates		Distance to site	Orientation	Bearing to site	Visibility
5	9 Sherwood Dr	43.65621	-72.92441	0.84 Miles	North	165	Not Visible

Site: VT6345 Mendon

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Existing

Balloon not visible from this location

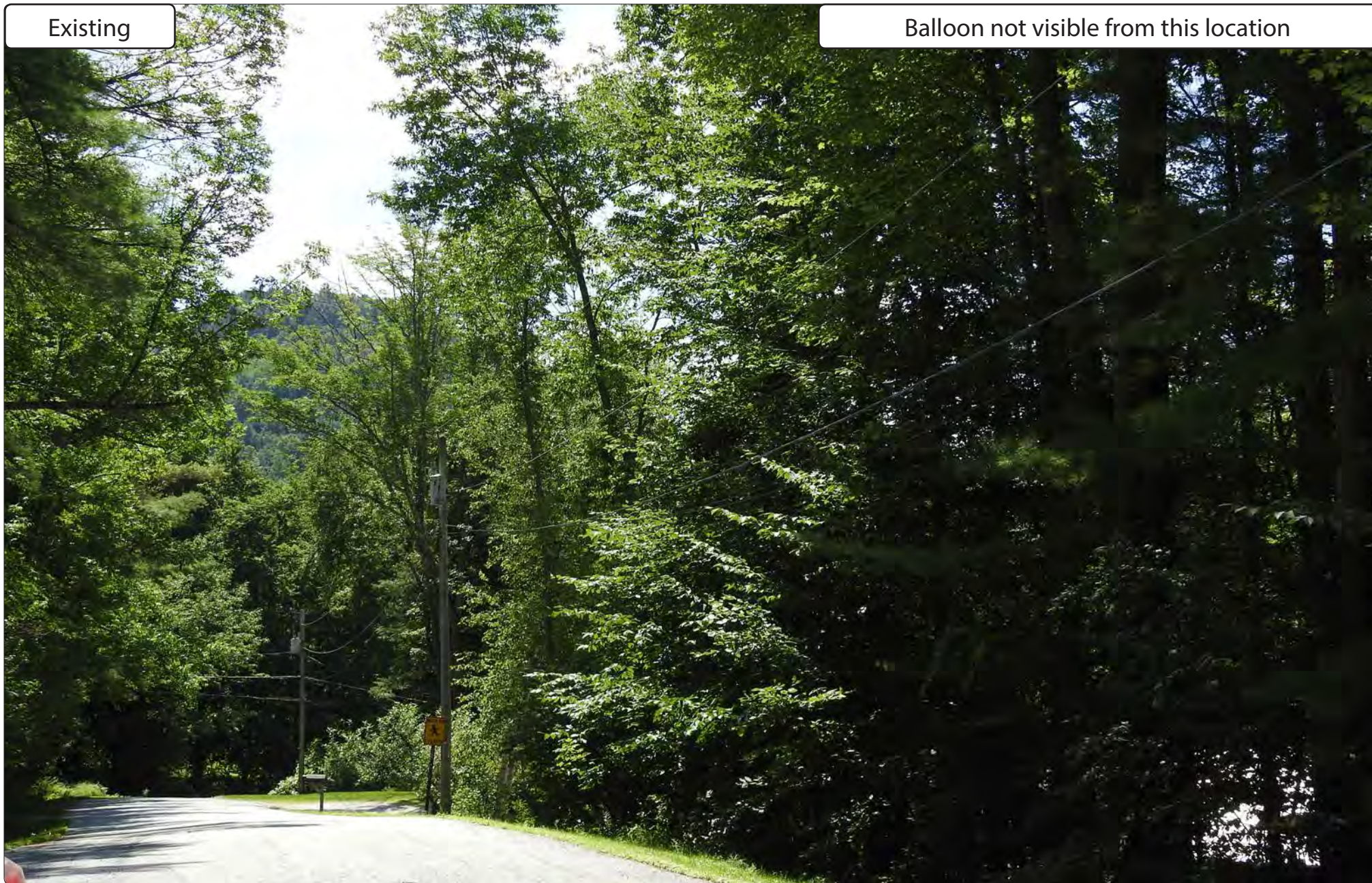


Photo #	Location	Gps Coordinates		Distance to site	Orientation	Bearing to site	Visibility
6	7 Sherwood Dr	43.65614	-72.92602	0.86 Miles	North	160	Not Visible

Site: VT6345 Mendon

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Existing



Photo #	Location	Gps Coordinates		Distance to site	Orientation	Bearing to site	Visibility
7	589 Journeys End	43.65428	-72.90936	0.87 Miles	North-East	218	Year Round

Site: VT6345 Mendon

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Photo #	Location	Gps Coordinates		Distance to site	Orientation	Bearing to site	Visibility
7	589 Journeys End	43.65428	-72.90936	0.87 Miles	North-East	218	Year Round

Site: VT6345 Mendon

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Your Visual Data Partner



Existing

Balloon not visible from this location



Photo #	Location	Gps Coordinates		Distance to site	Orientation	Bearing to site	Visibility
8	466 Journeys End	43.65341	-72.9077	0.88 Miles	North-East	225	Not Visible

Site: VT6345 Mendon

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Existing

Balloon not visible from this location



Photo #	Location	Gps Coordinates		Distance to site	Orientation	Bearing to site	Visibility
9	241 Journeys End	43.65019	-72.90401	0.9 Miles	North-East	244	Not Visible

Site: VT6345 Mendon

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Existing

Balloon not visible from this location



Photo #	Location	Gps Coordinates		Distance to site	Orientation	Bearing to site	Visibility
10	3 Meadow Lake Dr	43.65421	-72.93191	0.9 Miles	North-West	139	Not Visible

Site: VT6345 Mendon

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Existing

Balloon not visible from this location



Photo #	Location	Gps Coordinates		Distance to site	Orientation	Bearing to site	Visibility
11	2 Sherwood Dr	43.6544	-72.93184	0.91 Miles	North-West	139	Not Visible

Site: VT6345 Mendon

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Existing

Balloon not visible from this location



Photo #	Location	Gps Coordinates		Distance to site	Orientation	Bearing to site	Visibility
12	18 Journeys End	43.64854	-72.89948	1.07 Miles	East	255	Not Visible

Site: VT6345 Mendon

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Existing

Balloon not visible from this location



Photo #	Location	Gps Coordinates		Distance to site	Orientation	Bearing to site	Visibility
13	1 Best Western Pl	43.63527	-72.93745	1.08 Miles	South-West	54	Not Visible

Site: VT6345 Mendon

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Existing

Balloon not visible from this location



Photo #	Location	Gps Coordinates		Distance to site	Orientation	Bearing to site	Visibility
14	782 Park Ln	43.6436	-72.9446	1.23 Miles	West	87	Not Visible

Site: VT6345 Mendon

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Existing

Balloon not visible from this location



Photo #	Location	Gps Coordinates		Distance to site	Orientation	Bearing to site	Visibility
15	61 US-4	43.65167	-72.89359	1.42 Miles	East	249	Not Visible

Site: VT6345 Mendon

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