

Appendix D

Visual Simulations

Marshville Road | Canajoharie

View Location Information:

Location: County Route 86 (Marshville Road)
Town: Canajoharie
County: Montgomery
Direction of View: West-Northwest
Camera Elevation: 845 feet
Position: 42.8870106177° N, 74.6445526251° W
Landscape Similarity Zone: Rural Uplands
Viewer Type: Local Resident
Sensitive Site: N/A
Distance To Nearest Facility Component: 0.1 miles
Distance Zone: Foreground

Photograph Information:

Date: 10/27/2017
Time: 2:18 PM
Camera Make/Model: Nikon D7100
Focal Length: 35.8mm
Focal Length (35 mm equivlent): 54.8mm
Field of View: 36.3°

Project Information:

Racking Type: Single Axis Tracker
Max Panel Height From Ground: 11 feet
Total Buildable Area: 532 acres

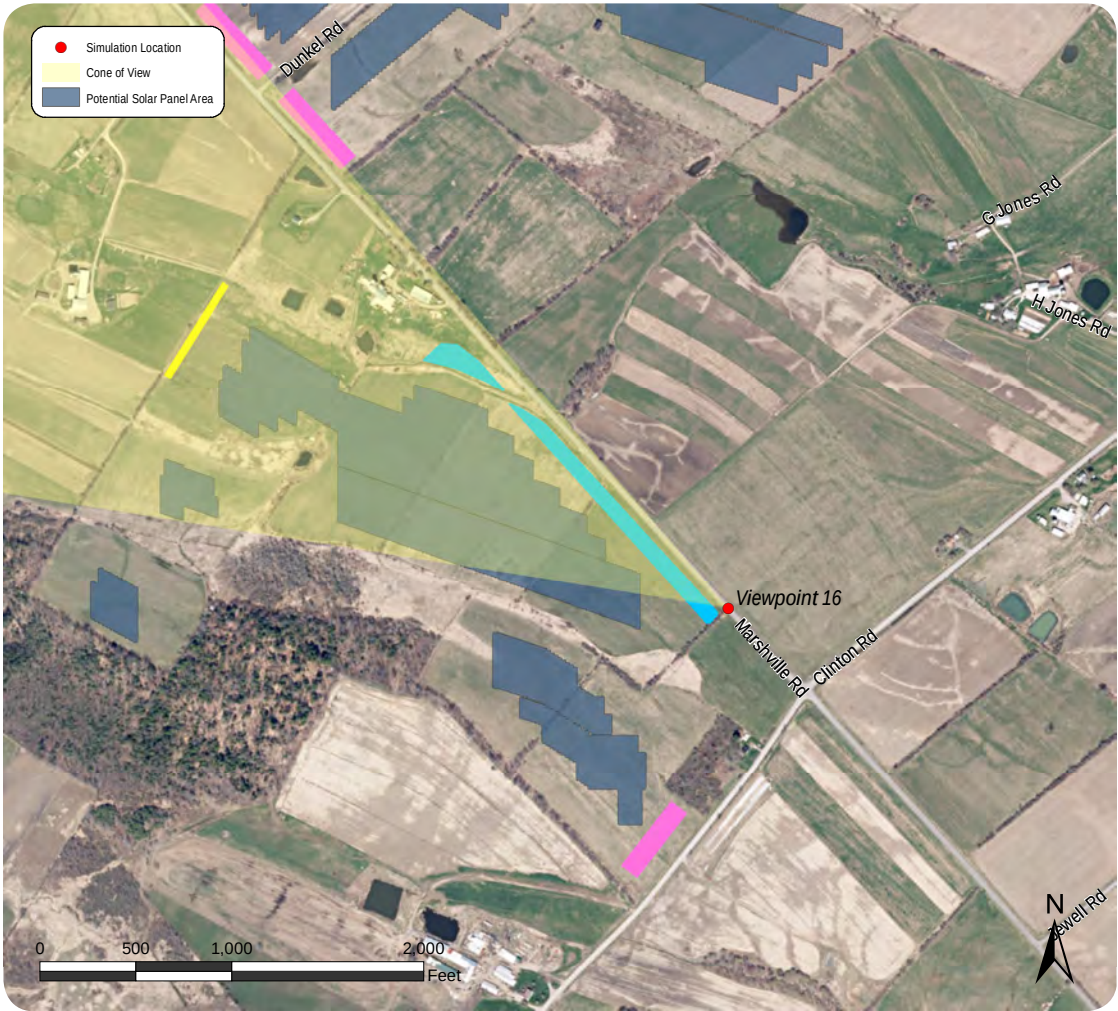
Mitigation Planting Module:

Module 2 - Roadside Enhancement B

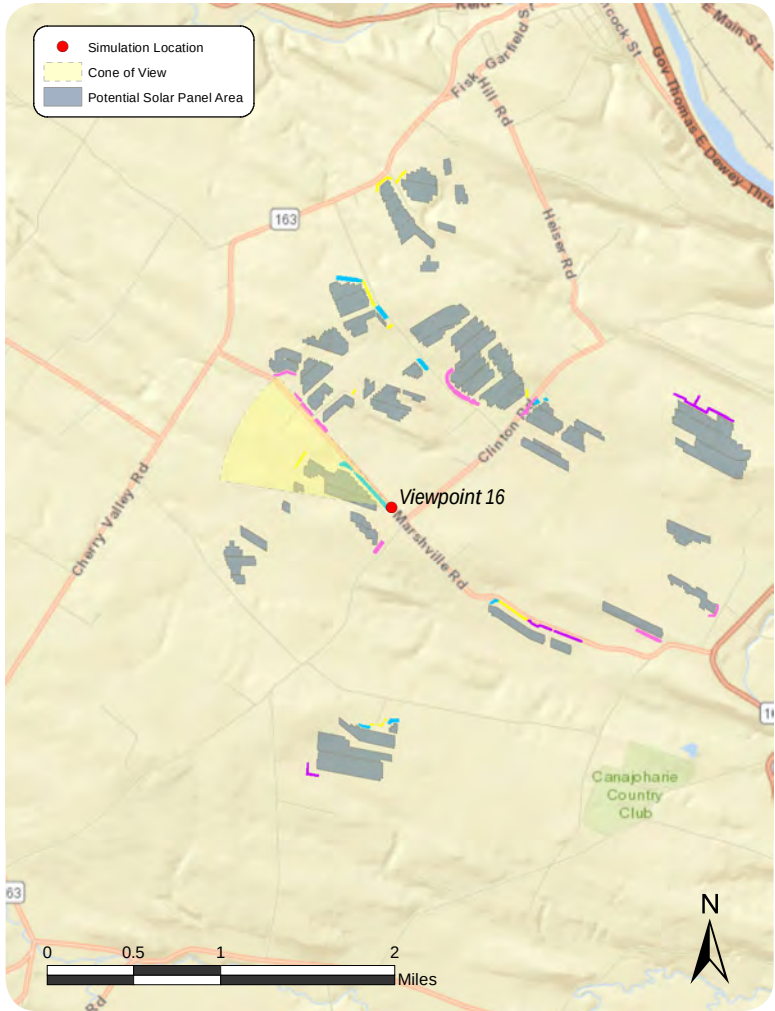
Conceptual Planting Module

- Module 1 - Roadside Enhancement A
- Module 2 - Roadside Enhancement B
- Module 3 - Hedgerow In-Fill
- Module 4 - Adjacent Resource/Residence

Viewpoint Location



Viewpoint Context



Context Photo: View to the Southwest



Context Photo: View to the West



Simulation Photo: View to the West-Northwest



Context Photo: View to the Northwest

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Towns of Canajoharie and Minden, Montgomery County, New York

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Existing Conditions







Nestle Road | Canajoharie

View Location Information:

Location: Nestle Road
Town: Canajoharie
County: Montgomery
Direction of View: East-Southeast
Camera Elevation: 715 feet
Position: 42.8975064864° N, 74.6390269697° W
Landscape Similarity Zone: Rural Uplands
Viewer Type: Local Resident
Sensitive Site: N/A
Distance To Nearest Facility Component: 0.1 miles
Distance Zone: Foreground

Photograph Information:

Date: 10/27/2017
Time: 3:01 PM
Camera Make/Model: Nikon D7100
Focal Length: 35.6mm
Focal Length (35 mm equivalent): 54.8mm
Field of View: 36.3°

Project Information:

Racking Type: Single Axis Tracker
Max Panel Height From Ground: 11 feet
Total Buildable Area: 532 acres

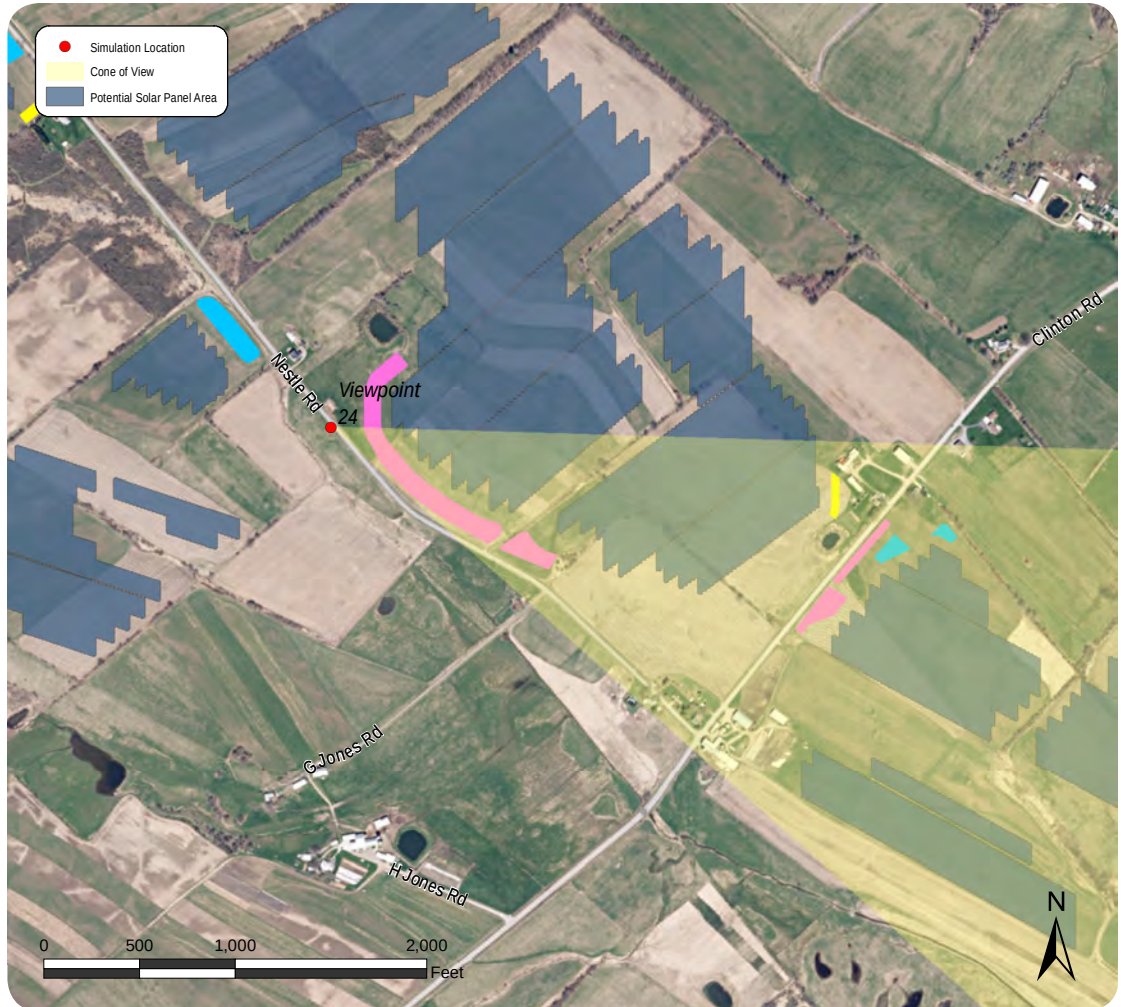
Mitigation Planting Module:

Module 1 - Roadside Enhancement A

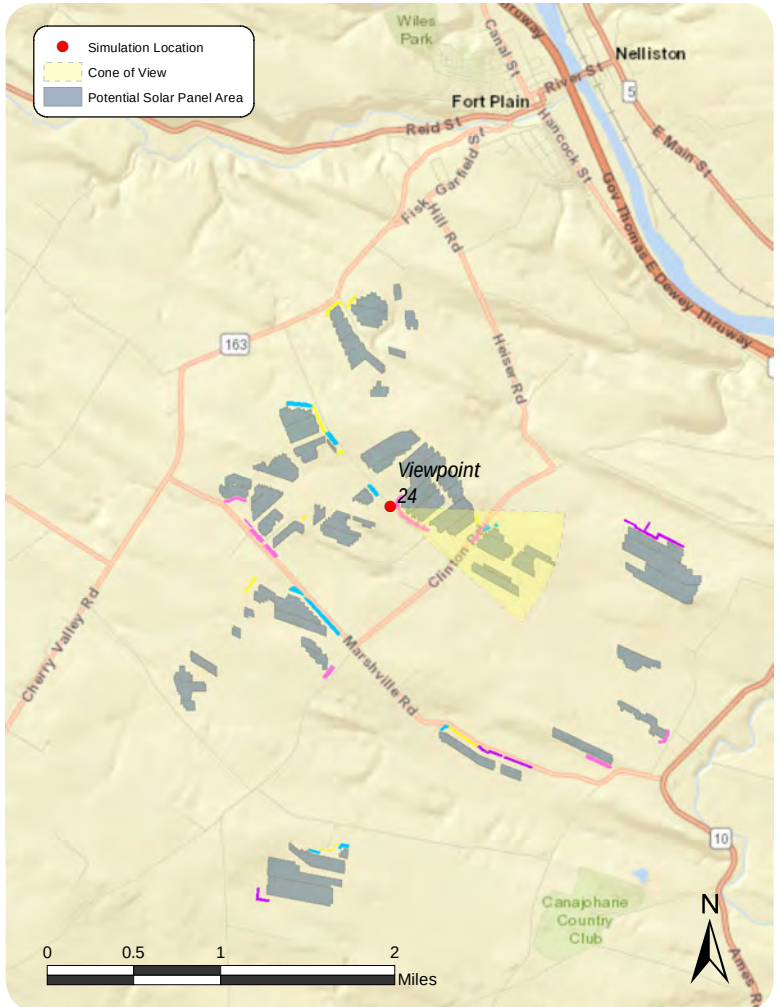
Conceptual Planting Module

- Module 1 - Roadside Enhancement A
- Module 2 - Roadside Enhancement B
- Module 3 - Hedgerow In-Fill
- Module 4 - Adjacent Resource/Residence

Viewpoint Location



Viewpoint Context



Context Photo: View to the Northeast



Context Photo: View to the East-Northeast



Simulation Photo: View to the East-Southeast



Context Photo: View to the Southeast

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Towns of Canajoharie and Minden, Montgomery County, New York

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Existing Conditions







H Jones Road | Canajoharie

View Location Information:

Location: H. Jones Road (At intersection with Clinton Road)
Town: Canajoharie
County: Montgomery
Direction of View: Northeast
Camera Elevation: 725 feet
Position: 42.8906051758° N, 74.6359148869° W
Landscape Similarity Zone: Rural Uplands
Viewer Type: Local Resident, Commuter/Through Traveler
Sensitive Site: N/A
Distance To Nearest Facility Component: 0.4 miles
Distance Zone: Middle ground

Photograph Information:

Date: 10/27/2017
Time: 3:10 PM
Camera Make/Model: Nikon D7100
Focal Length: 36mm
Focal Length (35 mm equivalent): 54.5mm
Field of View: 36.5°

Project Information:

Racking Type: Single Axis Tracker
Max Panel Height From Ground: 11 feet
Total Buildable Area: 532 acres

Mitigation Planting Module:

Module 1 - Roadside Enhancement A, Module 2
- Roadside Enhancement B, Module 4 - Adjacent
Resource/Resident

Conceptual Planting Module

- Module 1 - Roadside Enhancement A
- Module 2 - Roadside Enhancement B
- Module 3 - Hedgerow In-Fill
- Module 4 - Adjacent Resource/Residence

Viewpoint Location



Viewpoint Context



Context Photo: View to the North



Simulation Photo: View to the Northeast



Simulation Photo: View to the East-Northeast



Context Photo: View to the East

Existing Conditions



Simulation: Mitigation Year 1



Simulation: Mitigation 5-7 Years



Seebers Lane | Canajoharie

View Location Information:

Location: Seebers Lane
Town: Canajoharie
County: Montgomery
Direction of View: South-Southwest
Camera Elevation: 742 feet
Position: 42.8986583358° N, 74.6077849649° W
Landscape Similarity Zone: Rural Uplands
Viewer Type: Local Resident
Sensitive Site: N/A
Distance To Nearest Facility Component: 0.3 miles
Distance Zone: Foreground

Photograph Information:

Date: 10/27/2017
Time: 3:19 PM
Camera Make/Model: Nikon D7100
Focal Length: 35.4mm
Focal Length (35 mm equivalent): 53.6mm
Field of View: 37.1°

Project Information:

Racking Type: Single Axis Tracker
Max Panel Height From Ground: 11 feet
Total Buildable Area: 532 acres

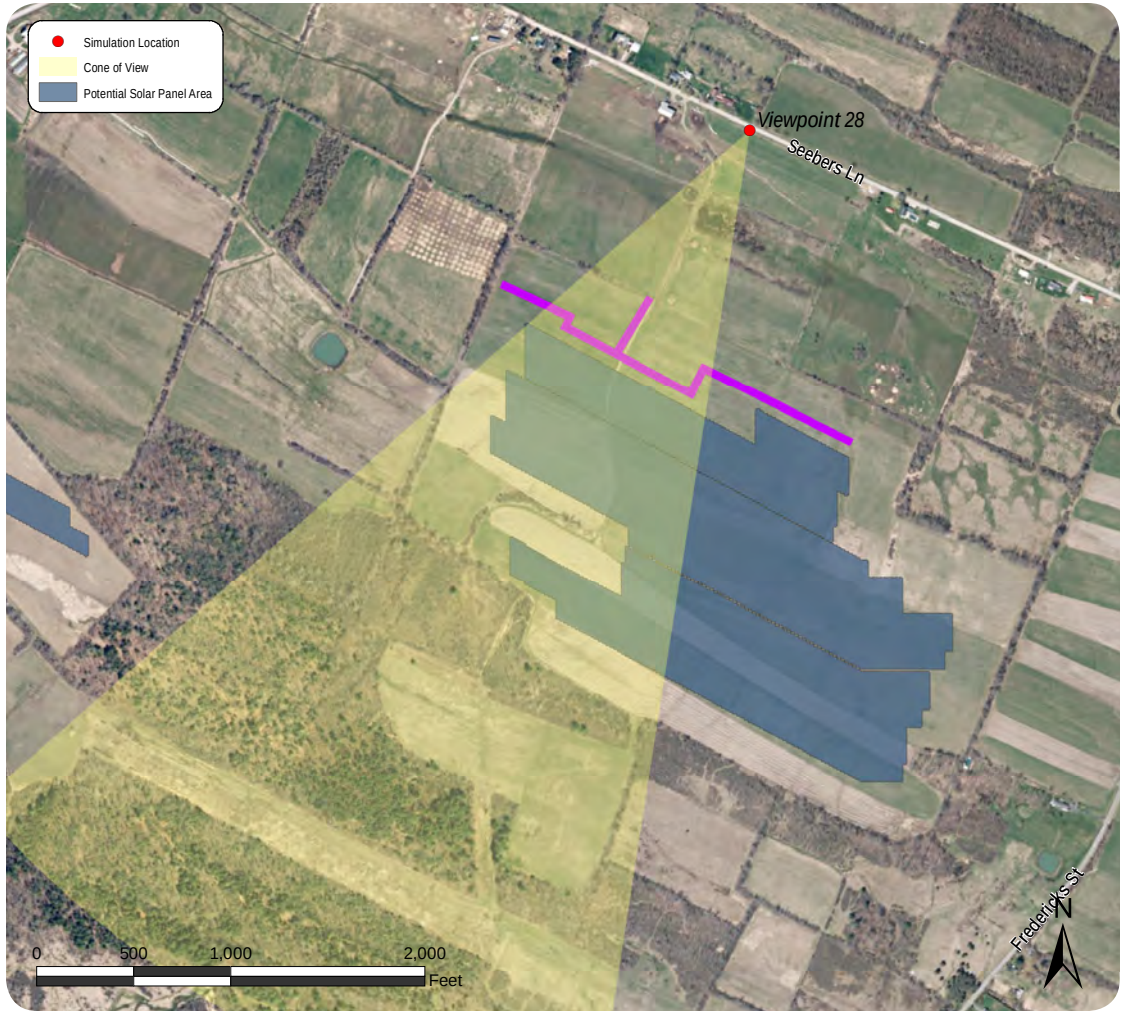
Mitigation Planting Module:

Hedgerow in-Fill

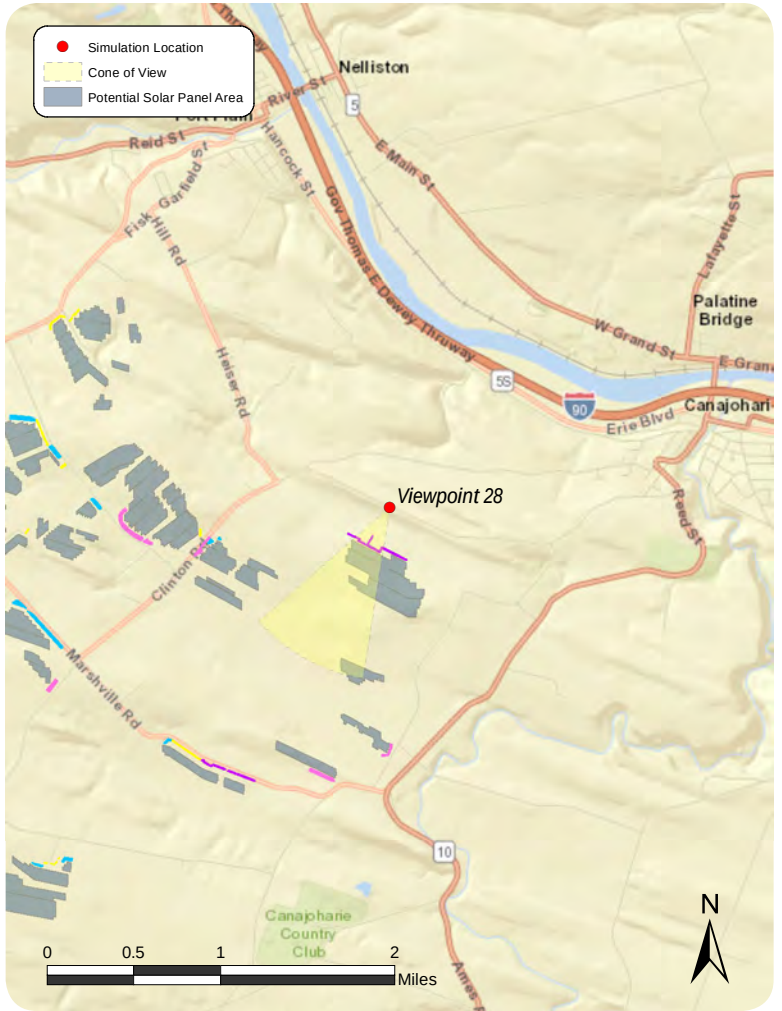
Conceptual Planting Module

- Module 1 - Roadside Enhancement A
- Module 2 - Roadside Enhancement B
- Module 3 - Hedgerow In-Fill
- Module 4 - Adjacent Resource/Residence

Viewpoint Location



Viewpoint Context



Context Photo: View to the Southeast



Context Photo: View to the South



Simulation Photo: View to the Southwest



Context Photo: View to the West-Southwest

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Towns of Canajoharie and Minden, Montgomery County, New York

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Existing Conditions



Simulation: Mitigation Year 1



Simulation: Mitigation 5-7 Years



New York State Route 10 | Palatine

View Location Information:

Location: State Route 10 (Ephratah Road)
Town: Palatine
County: Montgomery
Direction of View: Southwest
Camera Elevation: 753 feet
Latitude: 42.9266268573° N, 74.5639956626° W
Landscape Similarity Zone: Rural Uplands
Viewer Type: Local Residents, Commuter/Through Traveler
Sensitive Site: State Route 10
Distance To Nearest Facility Component: 3.1 miles
Distance Zone: Middle ground

Photograph Information:

Date: 10/27/2017
Time: 3:56 PM
Camera Make/Model: Nikon D7100
Focal Length: 35.6mm
Focal Length (35 mm equivalent): 54.5mm
Field of View: 36.5°

Project Information:

Racking Type: Single Axis Tracker
Max Panel Height From Ground: 11 feet
Total Buildable Area: 532 acres

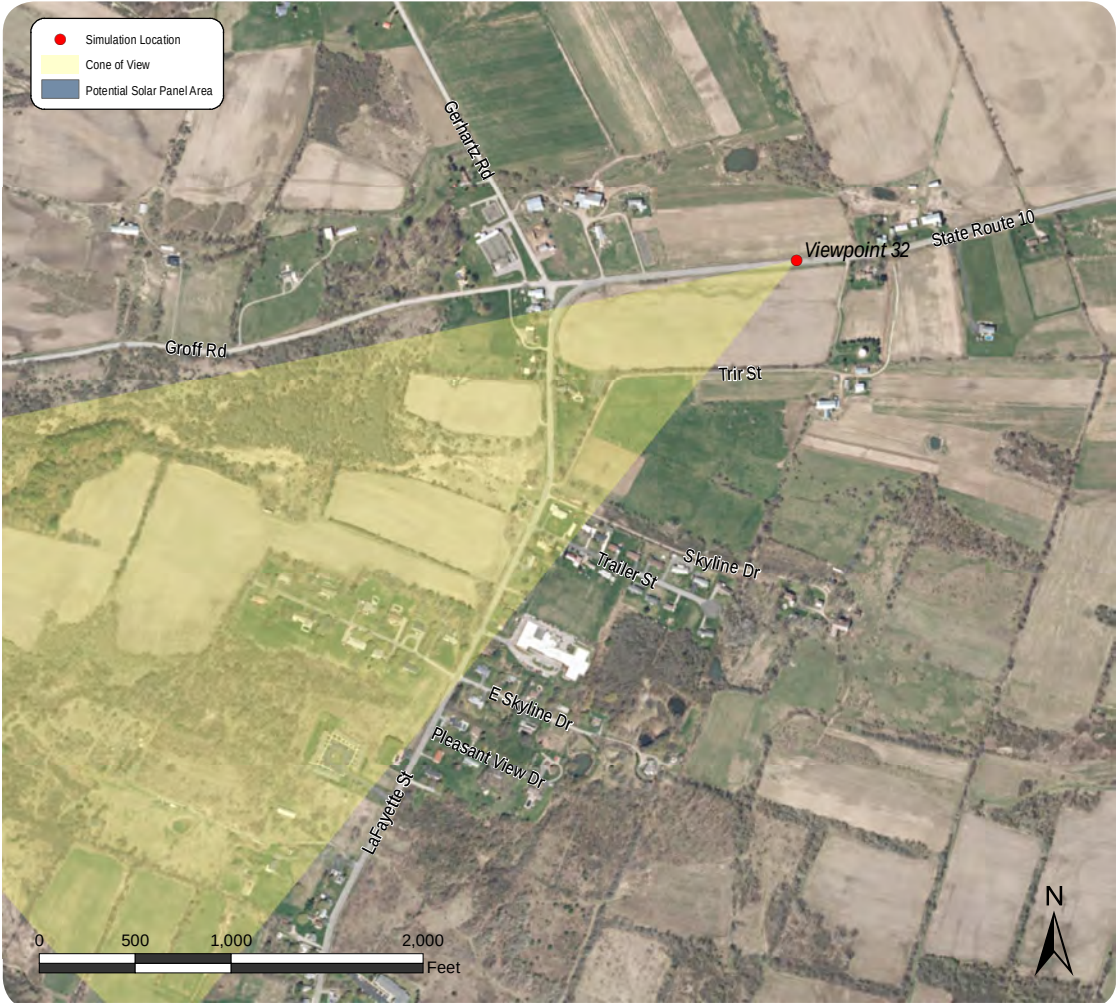
Mitigation Planting Module:

NA

Conceptual Planting Module

- Module 1 - Roadside Enhancement A
- Module 2 - Roadside Enhancement B
- Module 3 - Hedgerow In-Fill
- Module 4 - Adjacent Resource/Residence

Viewpoint Location



Viewpoint Context



Context Photo: View to the South



Context Photo: View to the South-Southwest



Simulation Photo: View to the Southwest



Context Photo: View to the West

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Towns of Canajoharie and Minden, Montgomery County, New York

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Route 20 Scenic Byway, West Bound | Cherry Valley

View Location Information:

Location: Route 20 Scenic Byway (US Route 20)
Town: Cherry Valley
County: Otsego
Direction of View: North
Camera Elevation: 1539 feet
Position: 42.8082053446°N, 74.6849422312°W
Landscape Similarity Zone: Transportation Corridor
Viewer Type: Commuter/Through Traveler, Tourist/
Recreational User
Sensitive Site: Route 20 Scenic Byway, The Tepee (NRHP-
listed site)
Distance To Nearest Facility Component: 4.3 miles
Distance Zone: Background

Photograph Information:

Date: 11/21/2017
Time: 11:09 AM
Camera Make/Model: Nikon D7100
Focal Length: 36.2mm
Focal Length (35 mm equivalent): 55.5mm
Field of View: 35.9°

Project Information:

Racking Type: Single Axis Tracker
Max Panel Height From Ground: 11 feet
Total Buildable Area: 532 acres

Mitigation Planting Module:

NA

Conceptual Planting Module

- Module 1 - Roadside Enhancement A
- Module 2 - Roadside Enhancement B
- Module 3 - Hedgerow In-Fill
- Module 4 - Adjacent Resource/Residence

Viewpoint Location



Viewpoint Context



Context Photo: View to the West



Context Photo: View to the Northwest



Simulation Photo: View to the North



Context Photo: View to the Northeast

Existing Conditions





Route 20 Scenic Byway, East Bound | Cherry Valley

View Location Information:

Location: Route 20 Scenic Byway (US Route 20)
Town: Cherry Valley
County: Otsego
Direction of View: North
Camera Elevation: 1546 feet
Latitude: 42.8079456378° N, 74.6848259888° W
Landscape Similarity Zone: Transportation Corridor
Viewer Type: Commuter/Through Traveler, Tourist/
Recreational User
Sensitive Site: Route 20 Scenic Byway, The Tepee (NRHP-
listed site)
Distance To Nearest Facility Component: 4.3 miles
Distance Zone: Background

Photograph Information:

Date: 02/26/2019
Time: 4:47 PM
Camera Make/Model: Nikon D7100
Focal Length: 36.0mm
Focal Length (35 mm Equivalent): 55.3mm
Field of View: 36.1°

Project Information:

Racking Type: Single Axis Tracker
Max Panel Height From Ground: 11 feet
Total Buildable Area: 532 acres

Mitigation Planting Module:

NA

Conceptual Planting Module

- Module 1 - Roadside Enhancement A
- Module 2 - Roadside Enhancement B
- Module 3 - Hedgerow In-Fill
- Module 4 - Adjacent Resource/Residence

Viewpoint Location



Viewpoint Context



Context Photo: View to the West



Context Photo: View to the Northwest



Simulation Photo: View to the North



Context Photo: View to the Northeast

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Towns of Canajoharie and Minden, Montgomery County, New York

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Marshville Road | Canajoharie

View Location Information:

Location: Marshville Road
Town: Canajoharie
County: Montgomery
Direction of View: West-Northwest
Camera Elevation: 732 feet
Latitude: 42.8778051109° N, 74.6290359312° W
Landscape Similarity Zone: Rural Uplands
Viewer Type: Local Resident
Sensitive Site: NRHP-Eligible 122 G Bowerman Road (USN 05702.000152)
Distance To Nearest Facility Component: 0.1 miles
Distance Zone: Foreground

Photograph Information:

Date: 11/21/2017
Time: 3:11 PM
Camera Make/Model: Nikon D7100
Focal Length: 36.2mm
Focal Length (35 mm Equivalent): 55.5mm
Field of View: 35.9°

Project Information:

Racking Type: Single Axis Tracker
Max Panel Height From Ground: 11 feet
Total Buildable Area: 532 acres

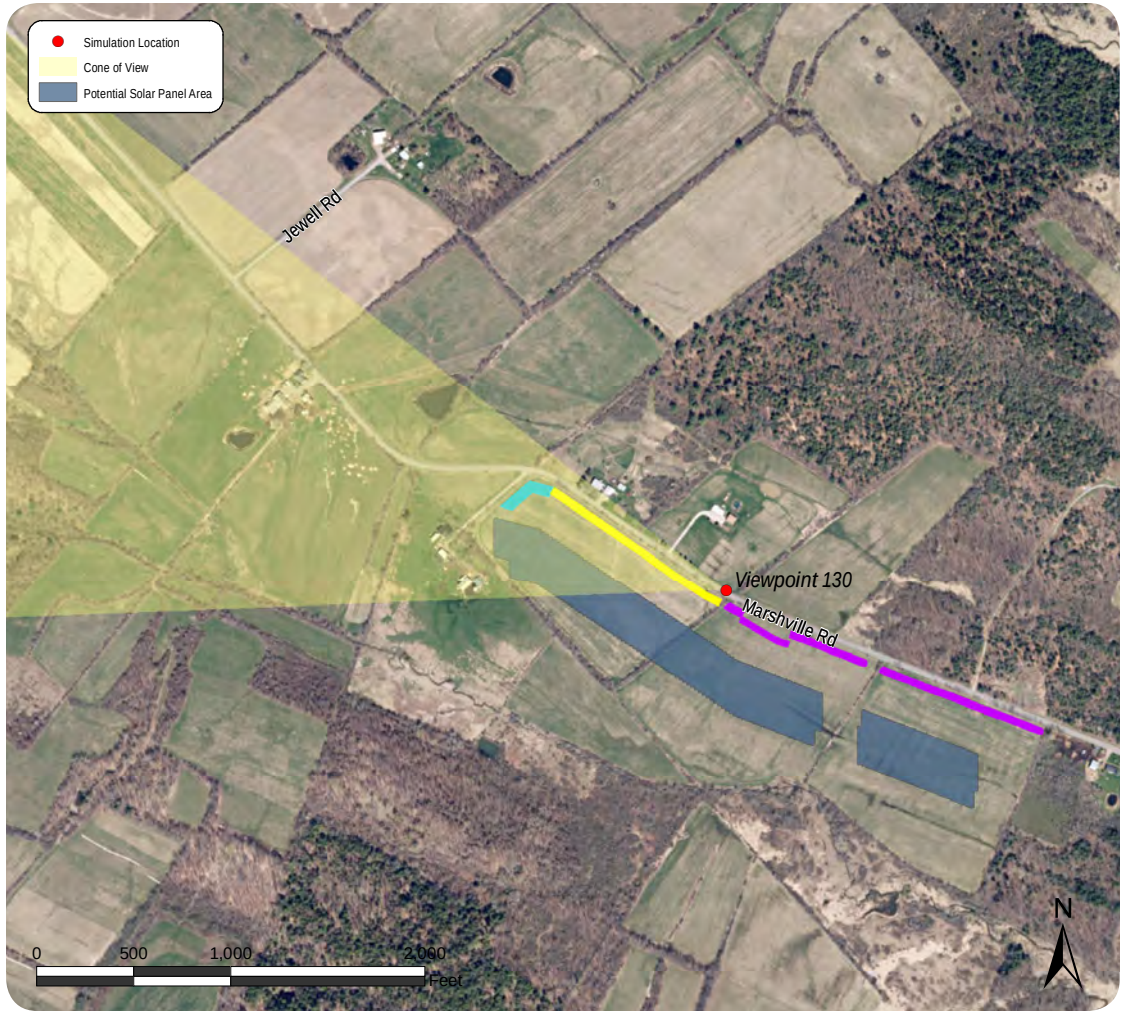
Mitigation Planting Module:

Hedgerow In-Fill (in simulations - map reflects updated module layouts)

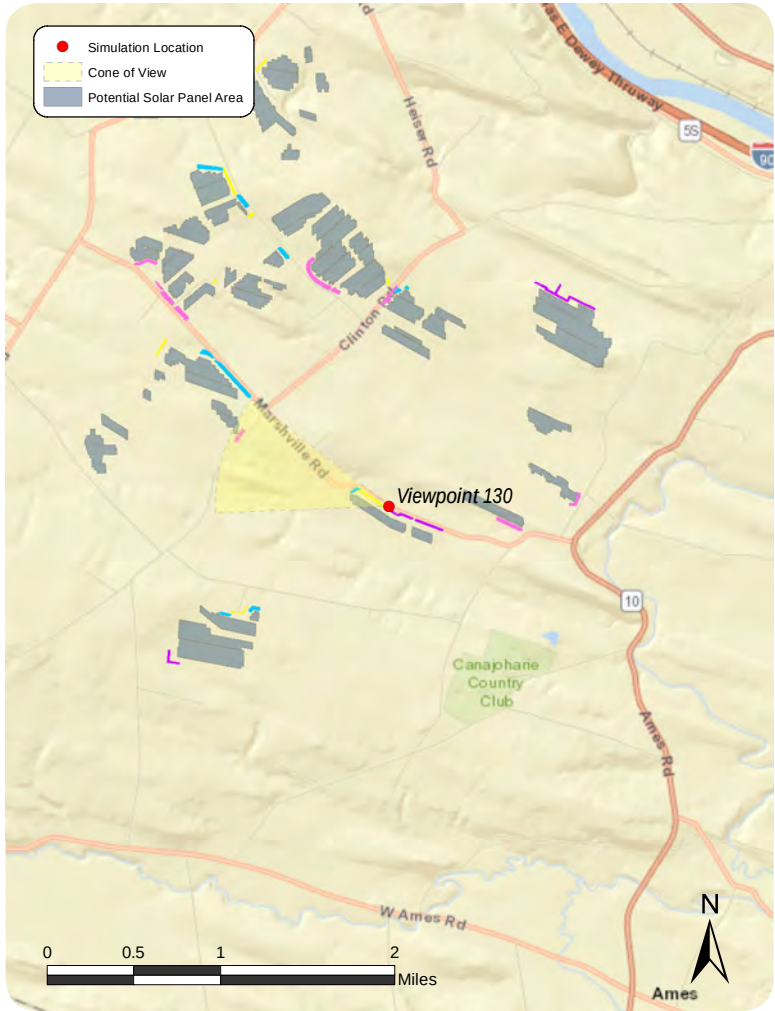
Conceptual Planting Module

- Module 1 - Roadside Enhancement A
- Module 2 - Roadside Enhancement B
- Module 3 - Hedgerow In-Fill
- Module 4 - Adjacent Resource/Residence

Viewpoint Location



Viewpoint Context



Context Photo: View to the West-Southwest



Context Photo: View to the West



Simulation Photo: View to the West-Northwest



Context Photo: View to the North

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Towns of Canajoharie and Minden, Montgomery County, New York

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Existing Conditions



Simulation: Mitigation Year 1



Simulation: Mitigation 5-7 Years



Nestle Road School House | Minden

View Location Information:

Location: State Route 163
Town: Minden
County: Montgomery
Direction of View: West-Northwest
Camera Elevation: 791 feet
Position: 42.9041465769° N, 74.6461982493° W
Landscape Similarity Zone: Rural Uplands
Viewer Type: Local Resident
Sensitive Site: Nestle Road Amish School House
Distance To Nearest Facility Component: 0.04 miles
Distance Zone: Foreground

Photograph Information:

Date: 09/24/2018
Time: 1:05 PM
Camera Make/Model: Nikon D7100
Focal Length: 35.1mm
Focal Length (35 mm equivalent): 53.7mm
Field of View: 37.0°

Project Information:

Racking Type: Single Axis Tracker
Max Panel Height From Ground: 11 feet
Total Buildable Area: 532 acres

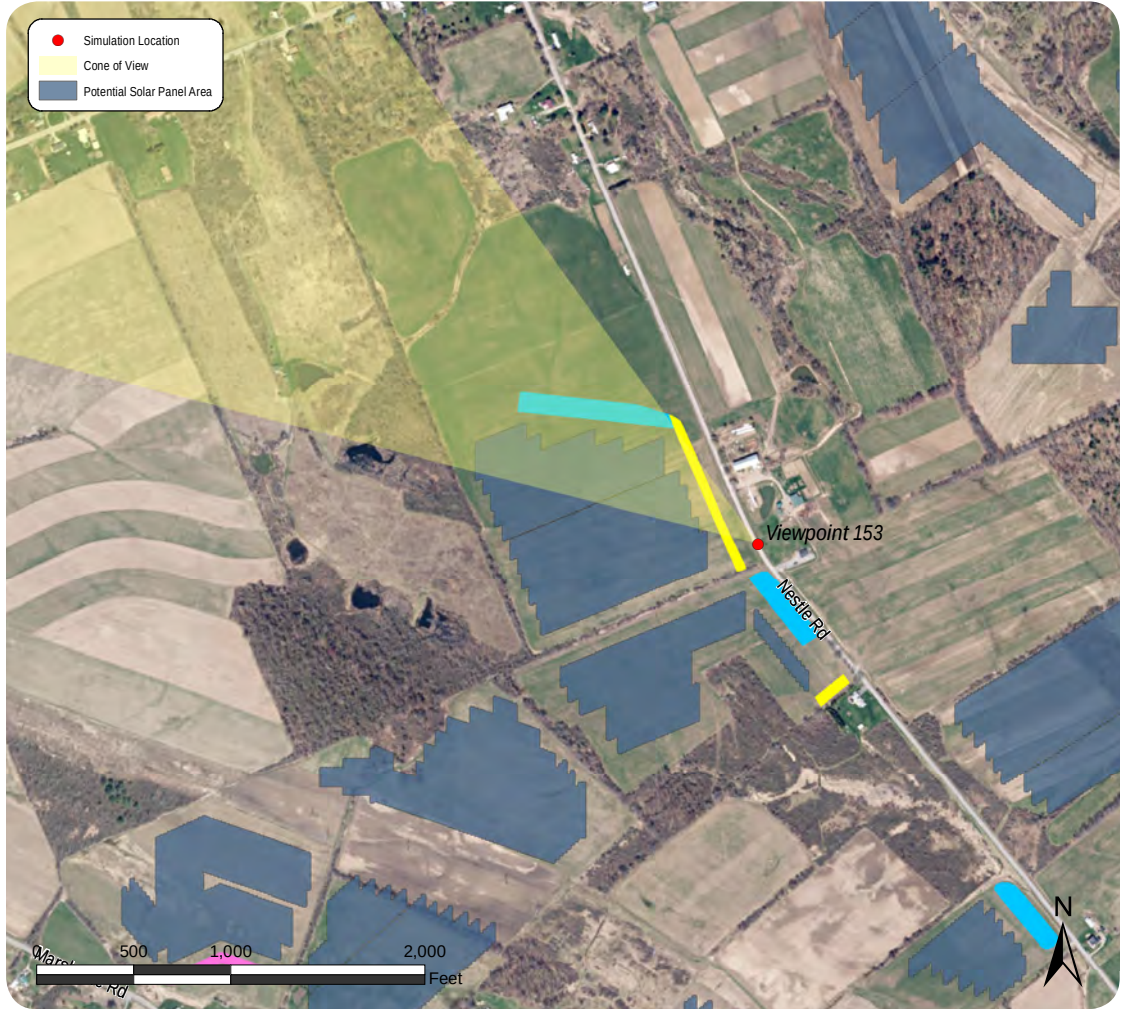
Mitigation Planting Module:

Adjacent Resource/Residence

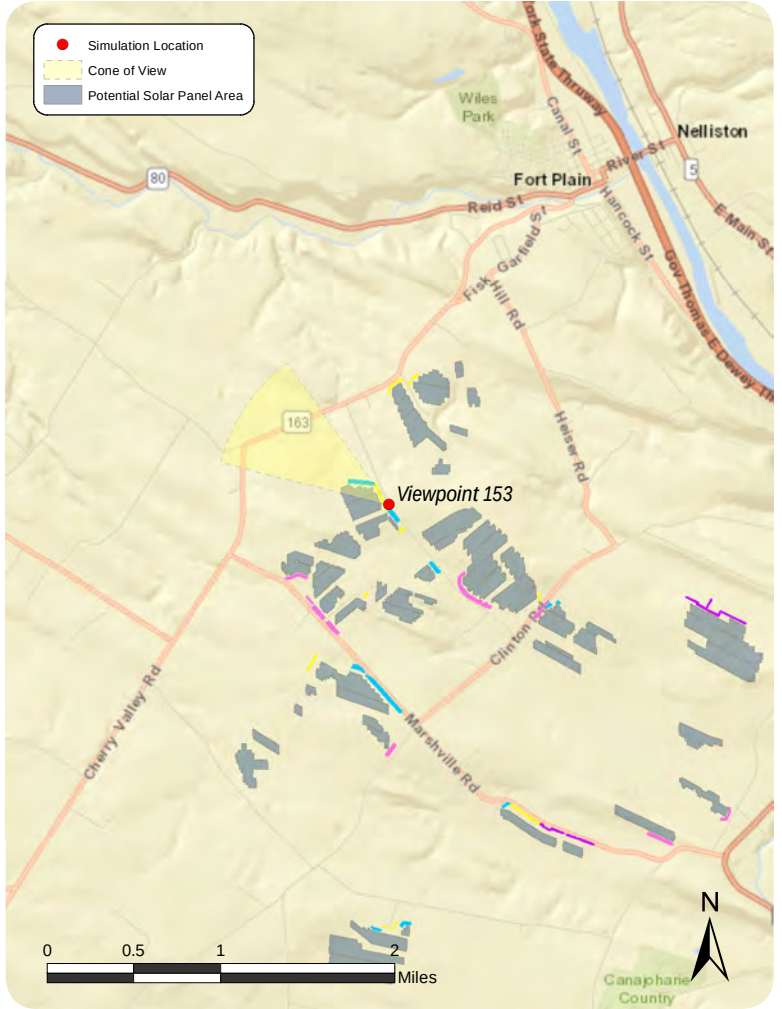
Conceptual Planting Module

- Module 1 - Roadside Enhancement A
- Module 2 - Roadside Enhancement B
- Module 3 - Hedgerow In-Fill
- Module 4 - Adjacent Resource/Residence

Viewpoint Location



Viewpoint Context



Context Photo: View to the West-Southwest



Context Photo: View to the West



Simulation Photo: View to the Northwest



Context Photo: View to the North-Northwest

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Towns of Canajoharie and Minden, Montgomery County, New York

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Existing Conditions







State Route 163 | Minden

View Location Information:

Location: State Route 163 (Cherry Valley Road)
Town: Minden
County: Montgomery
Direction of View: South-Southwest
Camera Elevation: 648.3 feet
Latitude: 42.9156712918°N, 74.6448958777°W
Landscape Similarity Zone: Rural Uplands
Viewer Type: Local Resident, Commuter/Through Traveler
Sensitive Site: State Route 163
Distance To Nearest Facility Component: 0.1 miles
Distance Zone: Foreground

Photograph Information:

Date: 02/26/2019
Time: 4:27 PM
Camera Make/Model: Nikon D7100
Focal Length: 35.1mm
Focal Length (35 mm equivalent): 53.7mm
Field of View: 37.0°

Project Information:

Racking Type: Single Axis Tracker
Max Panel Height From Ground: 11 feet
Total Buildable Area: 532 acres

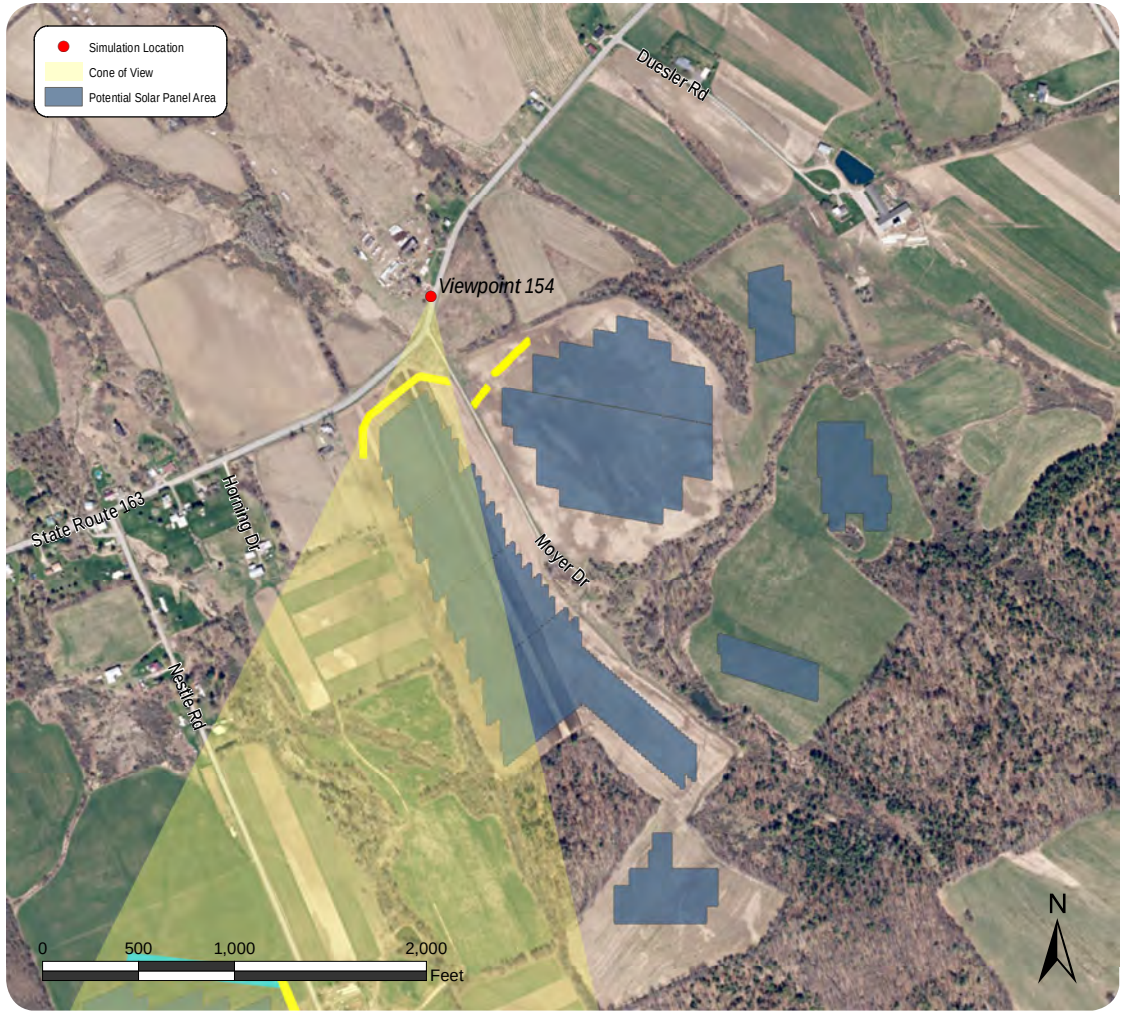
Mitigation Planting Module:

Adjacent Resource/Residence

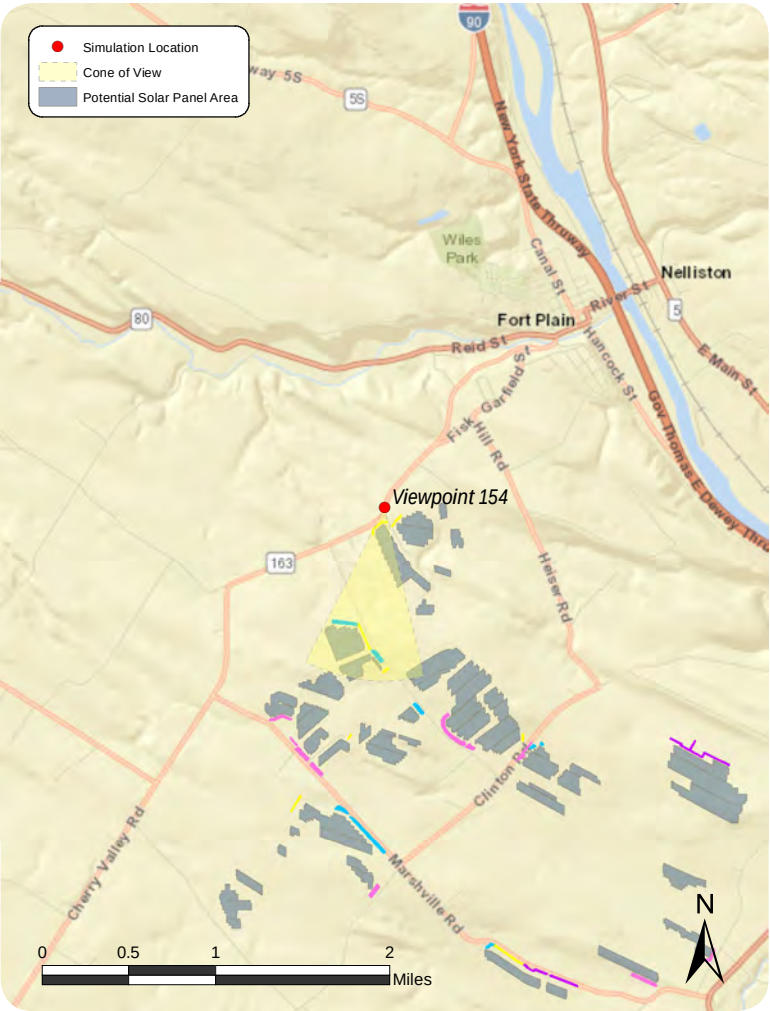
Conceptual Planting Module

- Module 1 - Roadside Enhancement A
- Module 2 - Roadside Enhancement B
- Module 3 - Hedgerow In-Fill
- Module 4 - Adjacent Resource/Residence

Viewpoint Location



Viewpoint Context



Context Photo: View to the East



Context Photo: View to the Southeast



Simulation Photo: View to the South-Southwest



Context Photo: View to the West-Southwest

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Towns of Canajoharie and Minden, Montgomery County, New York

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Existing Conditions





