

New York State Electric & Gas Corporation

Jennison Transmission Solution Project

Exhibit 4

Environmental Impacts

Part 9 of 9

New York State Electric & Gas Corporation

Jennison Transmission Solution Project

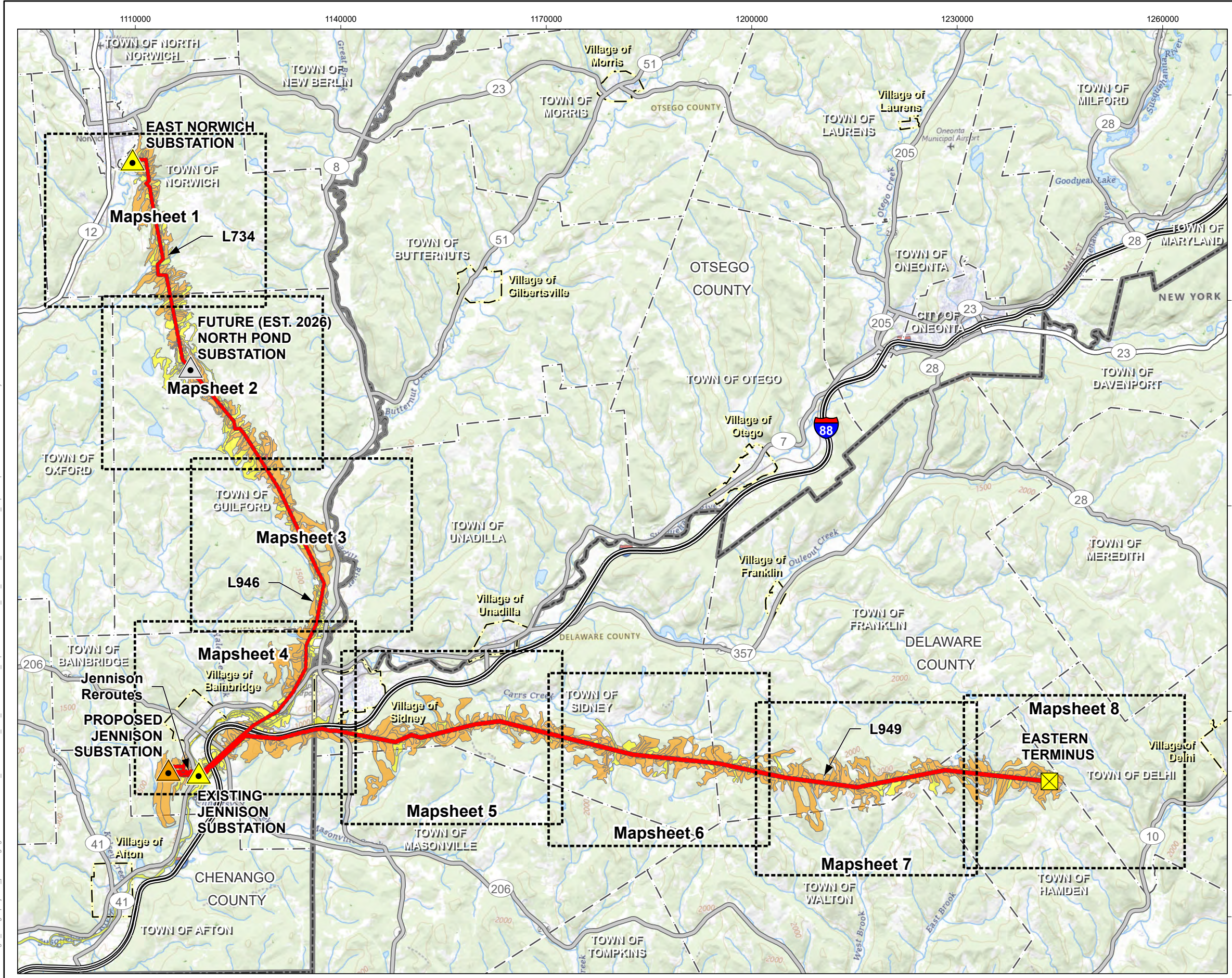
Exhibit 4

Environmental Impacts

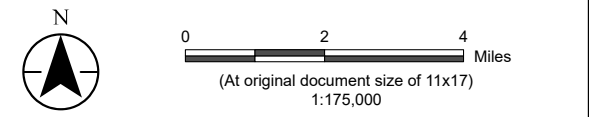
Figure 4-7

Soil – Depth to Bedrock

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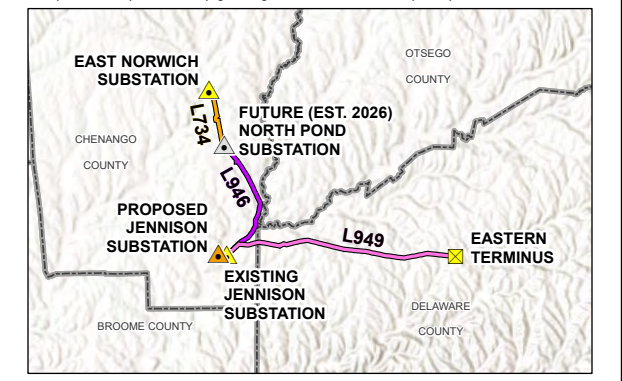


- Jennison Transmission Solution Project**
- Eastern Terminus
 - Substation, Existing
 - Substation, Proposed
 - Substation, Future
 - Proposed Right-of-Way
- NRCS Soil Survey Geographic Database**
- Depth to Bedrock (wavg)**
- 25 - 50cm
 - 50 - 100cm
 - > 200cm
- Road or Highway**
- Interstate
 - U.S. or State Highway
 - Secondary State or County Highway
 - City or Town Boundary
 - County Boundary
 - Village Boundary
- Mapsheet Extent, 1:32,000 Scale



Notes

- Coordinate System: NAD 1983 StatePlane New York Central FIPS 3102 Feet
- Data Sources: NYSEG Data, 2024; NRCS Gridded Soil Survey Geographic Database (SSURGO) for NY, 2022; Esri North American Detailed Streets, 2012; NYS OIS GIS Program Office Civil Boundaries, 2018
- Background: USGS Topo (The National Map): <https://basemap.nationalmap.gov/arcgis/rest/services/USGSTopo/MapServer>



Project Location
Chenango, Delaware, & Otsego Counties, NY

Prepared by AB on 2024-02-20
TR by DG on 2024-07-31
IR by BS on 2024-10-18

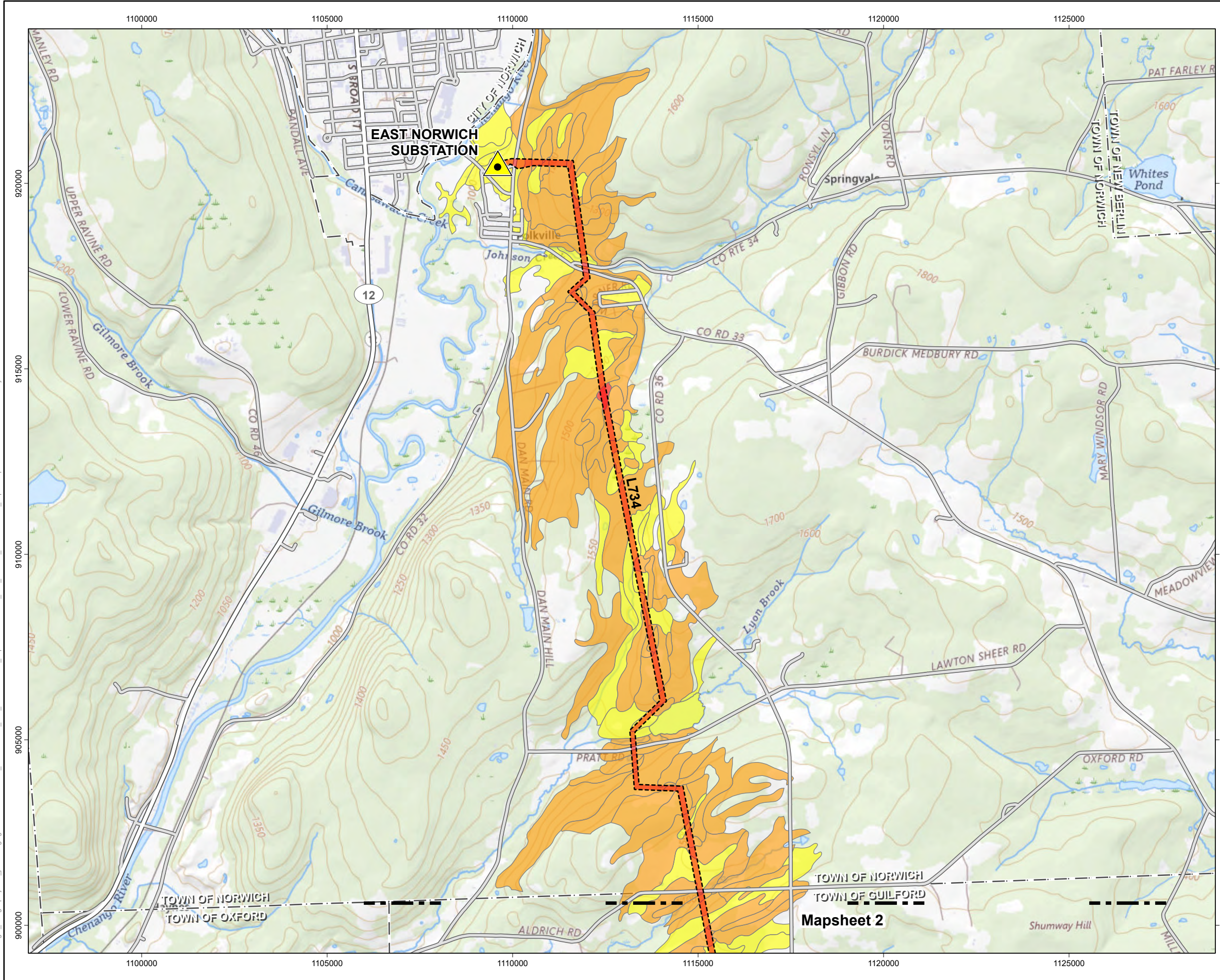
Client/Project
Jennison Transmission Solution Project
NYSEG CLCPA Program

213415070 REVA

Figure No.
4-7

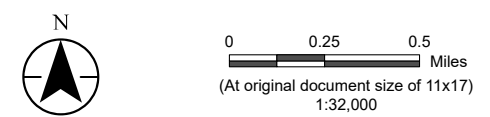
Title
**Soil – Depth to Bedrock
Mapsheet Index**

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Jennison Transmission Solution Project

- Substation, Existing
 - Proposed Right-of-Way
- NRCS Soil Survey Geographic Database**
Depth to Bedrock (wavg)
- 25 - 50cm
 - 50 - 100cm
 - > 200cm
- Mapsheet Match Line
 - City or Town Boundary
- Road or Highway**
- U.S. or State Highway
 - Secondary State or County Highway
 - Local, Neighborhood, Rural or City Street



Notes
 1. Data Sources: see Figure 4-7 Mapsheet Index notes

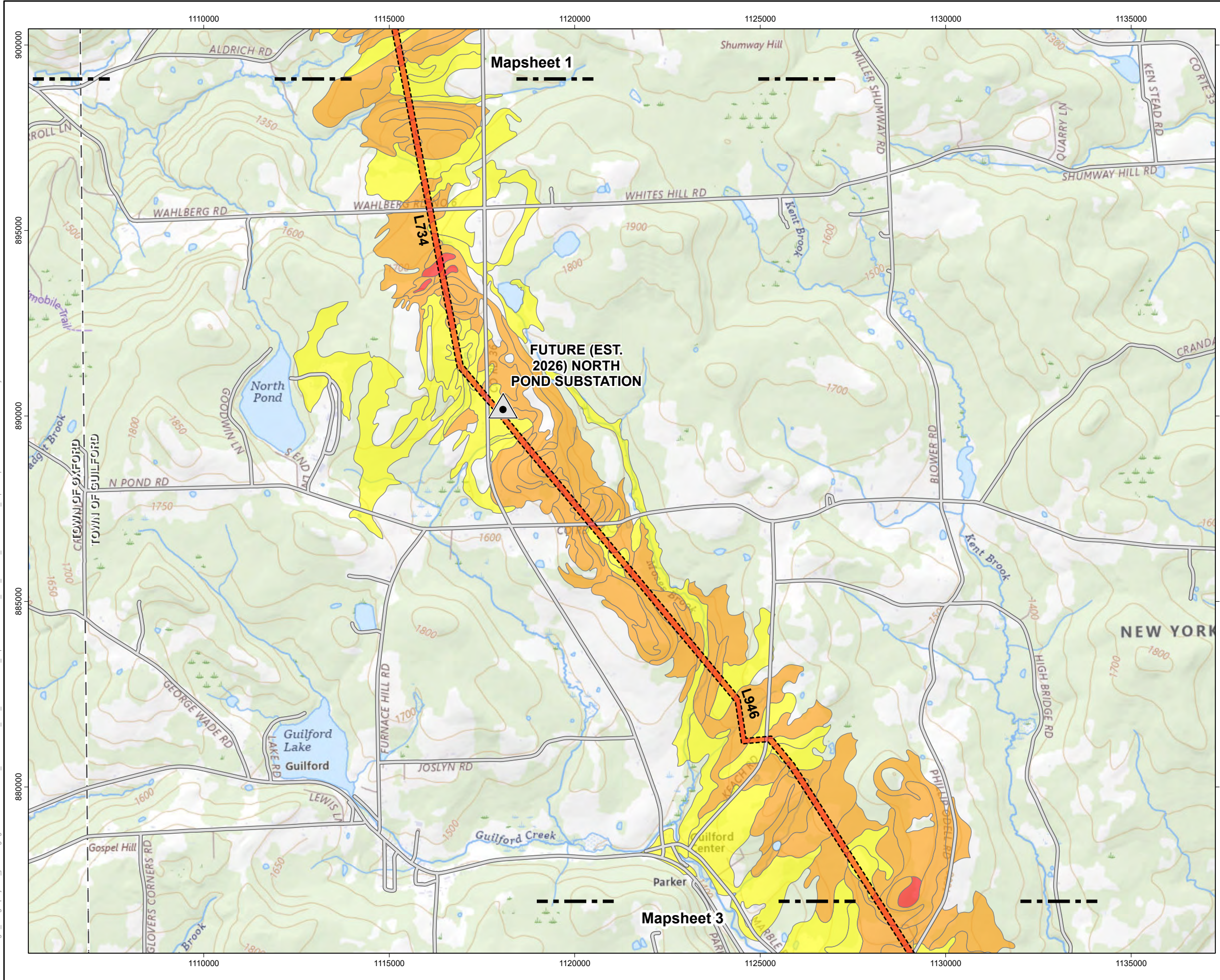
Project Location
 Chenango, Delaware, & Otsego Counties, NY

Client/Project
 Jennison Transmission Solution Project
 NYSEG CLCPA Program

Figure No.
4-7

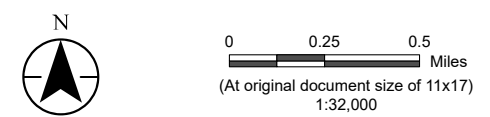
Title
Soil - Depth to Bedrock
Mapsheet 1 of 8

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Jennison Transmission Solution Project

- Substation, Future
- Proposed Right-of-Way
- NRCS Soil Survey Geographic Database**
- Depth to Bedrock (wavg)**
- 25 - 50cm
- 50 - 100cm
- > 200cm
- Mapsheet Match Line
- City or Town Boundary
- Road or Highway**
- Local, Neighborhood, Rural or City Street



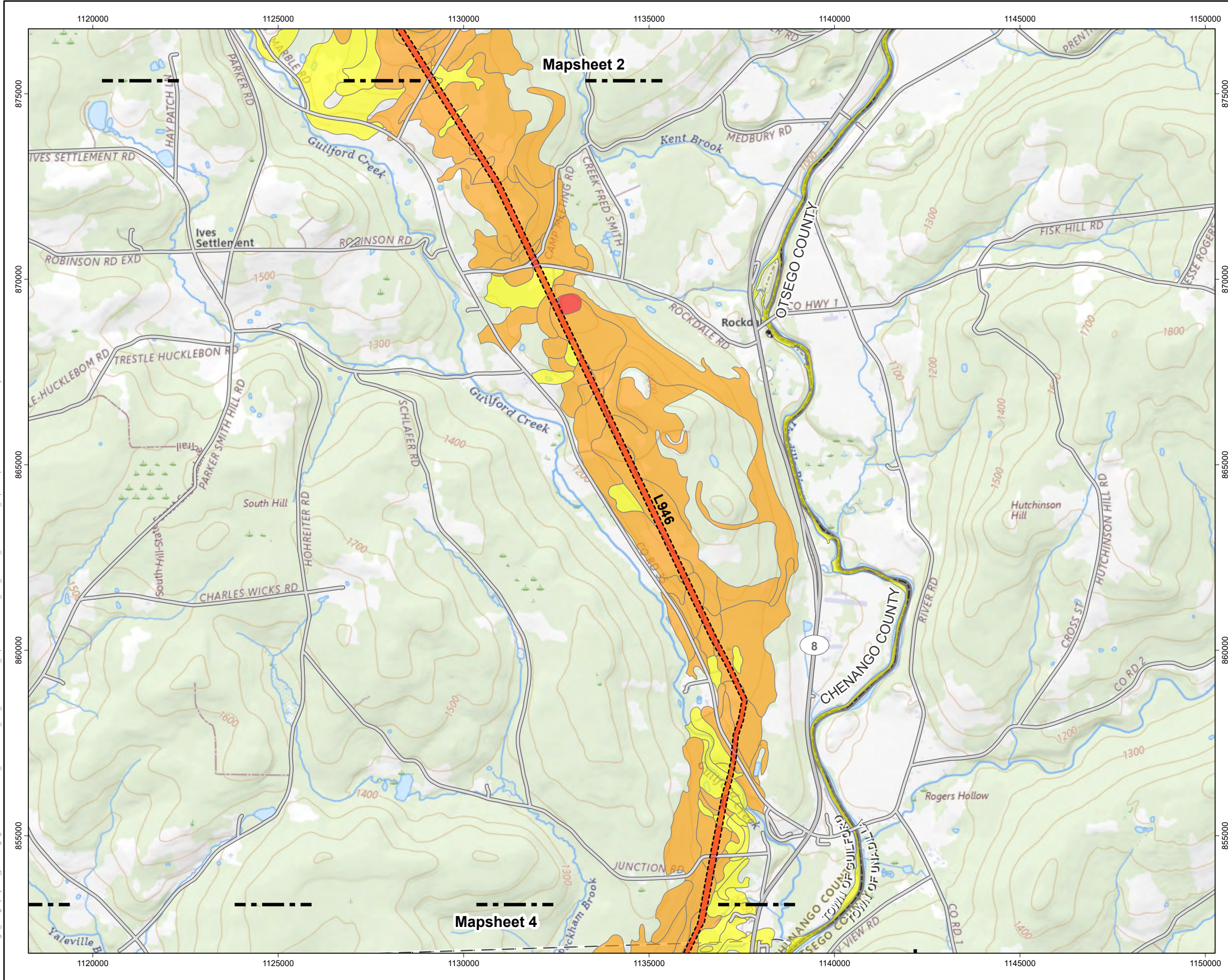
Notes
 1. Data Sources: see Figure 4-7 Mapsheet Index notes

Project Location: Chenango, Delaware, & Otsego Counties, NY
 Prepared by AB on 2024-02-20
 TR by DG on 2024-07-31
 IR by BS on 2024-10-18

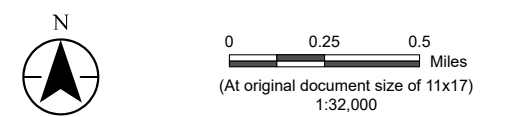
Client/Project: Jennison Transmission Solution Project
 NYSEG CLCPA Program
 213415070 REVA

Figure No. **4-7**
 Title **Soil - Depth to Bedrock Mapsheet 2 of 8**

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- Jennison Transmission Solution Project**
- Proposed Right-of-Way
- NRCS Soil Survey Geographic Database**
- Depth to Bedrock (wavg)**
- 25 - 50cm
 - 50 - 100cm
 - > 200cm
- Mapsheet Match Line**
- Mapsheet Match Line
 - City or Town Boundary
 - County Boundary
- Road or Highway**
- Secondary State or County Highway
 - Local, Neighborhood, Rural or City Street



Notes

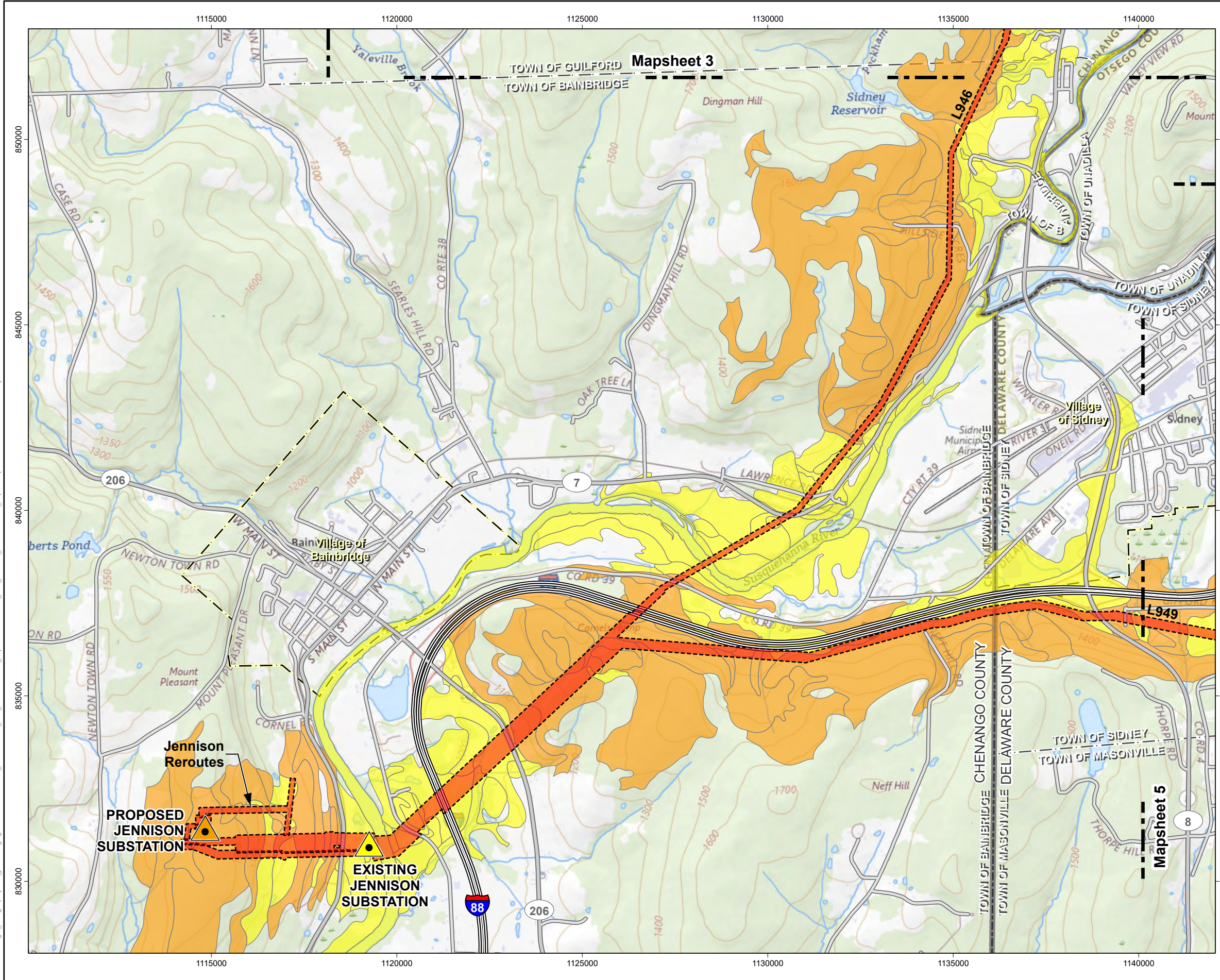
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Project Location
Chenango, Delaware, & Otsego Counties, NY

Client/Project
Jennison Transmission Solution Project
NYSEG CLCPA Program

Figure No.
4-7

Title
Soil - Depth to Bedrock
Mapsheet 3 of 8



Jennison Transmission Solution Project

- Substation, Existing
- Substation, Proposed
- Proposed Right-of-Way

NRCS Soil Survey Geographic Database
Depth to Bedrock (wavg)

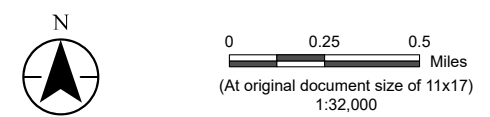
- 50 - 100cm
- > 200cm

Mapsheet Match Line

- City or Town Boundary
- County Boundary

Road or Highway

- Interstate
- Secondary State or County Highway
- Local, Neighborhood, Rural or City Street
- Village Boundary



Notes
1. Data Sources: see Figure 4-7 Mapsheet Index notes

Project Location
Chenango, Delaware, & Otsego Counties, NY

Client/Project
Jennison Transmission Solution Project
NYSEG CLCPA Program

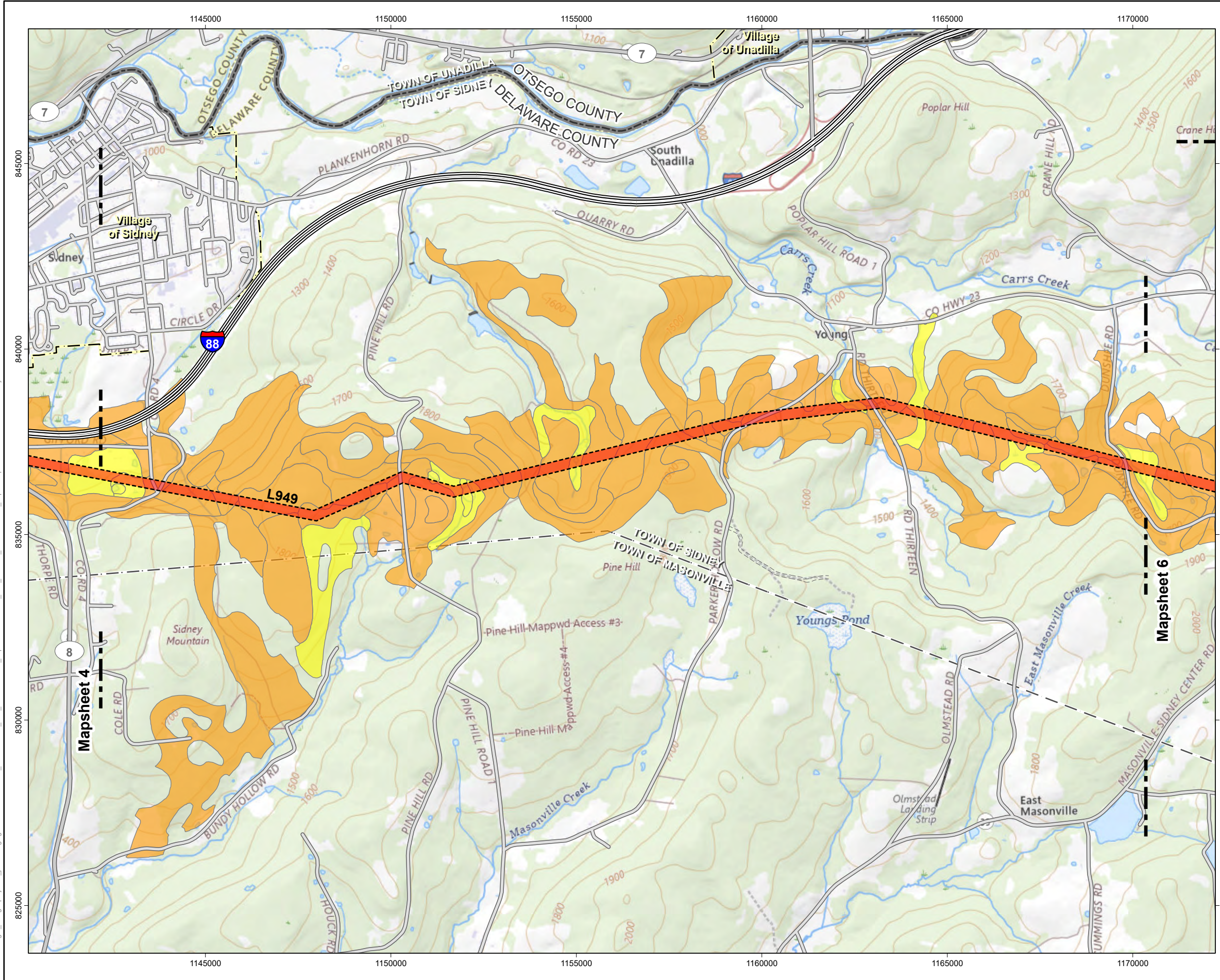
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TR by DG on 2024-07-31
IR by BS on 2024-10-18

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Figure No.
4-7

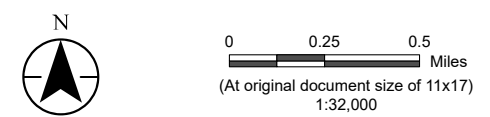
Title
Soil - Depth to Bedrock
Mapsheet 4 of 8

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Jennison Transmission Solution Project

- Proposed Right-of-Way
- NRCS Soil Survey Geographic Database**
- Depth to Bedrock (wavg)**
- 50 - 100cm
- > 200cm
- Mapsheet Match Line
- City or Town Boundary
- County Boundary
- Road or Highway**
- Interstate
- Secondary State or County Highway
- Local, Neighborhood, Rural or City Street
- 4WD Route
- Village Boundary



Notes
 1. Data Sources: see Figure 4-7 Mapsheet Index notes

Project Location
 Chenango, Delaware, & Otsego Counties, NY

Client/Project
 Jennison Transmission Solution Project
 NYSEG CLCPA Program

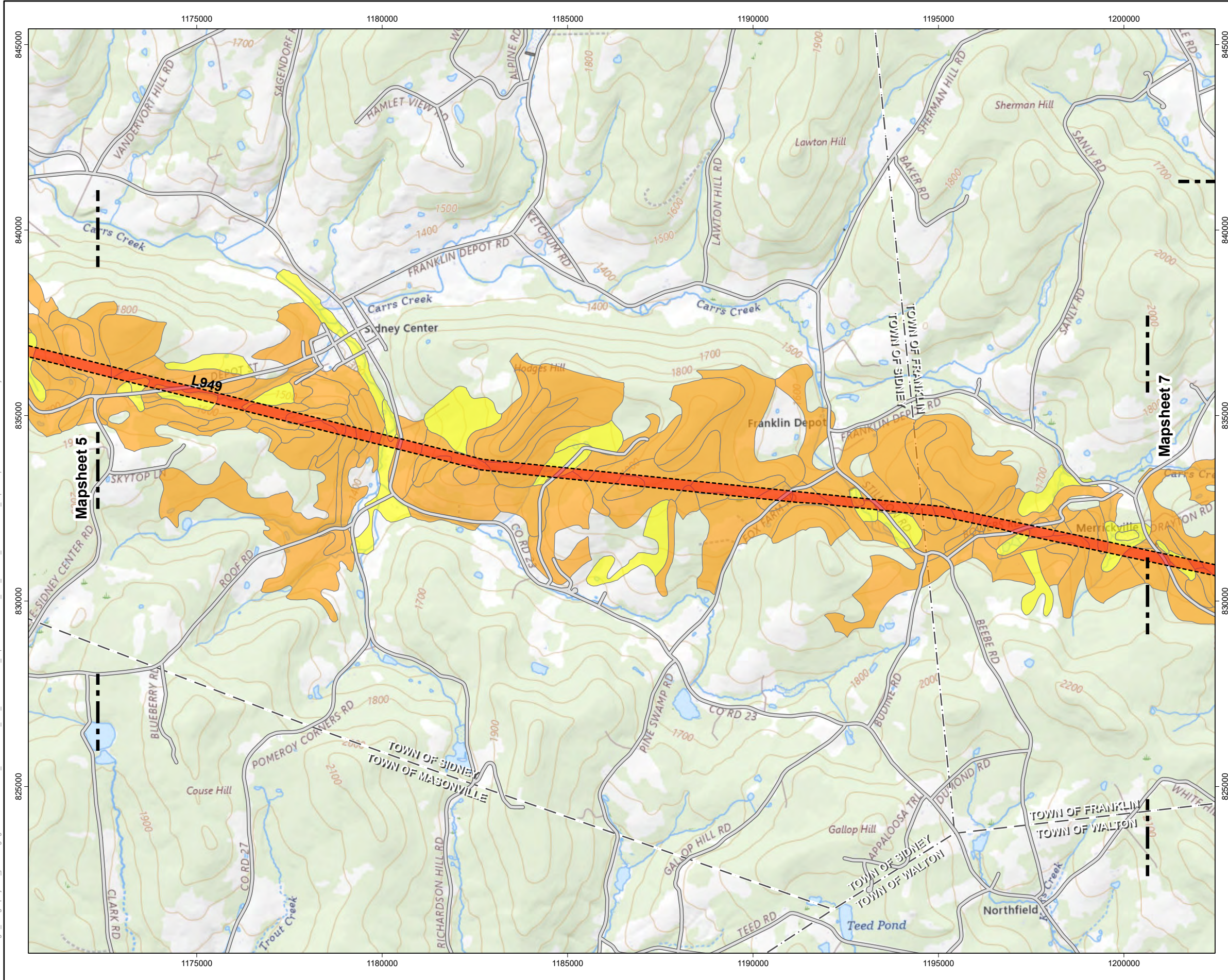
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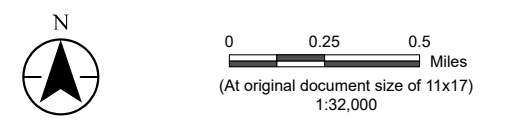
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Title
Soil – Depth to Bedrock
Mapsheet 5 of 8

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- Jennison Transmission Solution Project**
- Proposed Right-of-Way
- NRCS Soil Survey Geographic Database**
- Depth to Bedrock (wavg)**
- 50 - 100cm
 - > 200cm
- Mapsheet Match Line
 - City or Town Boundary
- Road or Highway**
- Local, Neighborhood, Rural or City Street



Notes
 1. Data Sources: see Figure 4-7 Mapsheet Index notes

Project Location
 Chenango, Delaware, & Otsego Counties, NY

Client/Project
 Jennison Transmission Solution Project
 NYSEG CLCPA Program

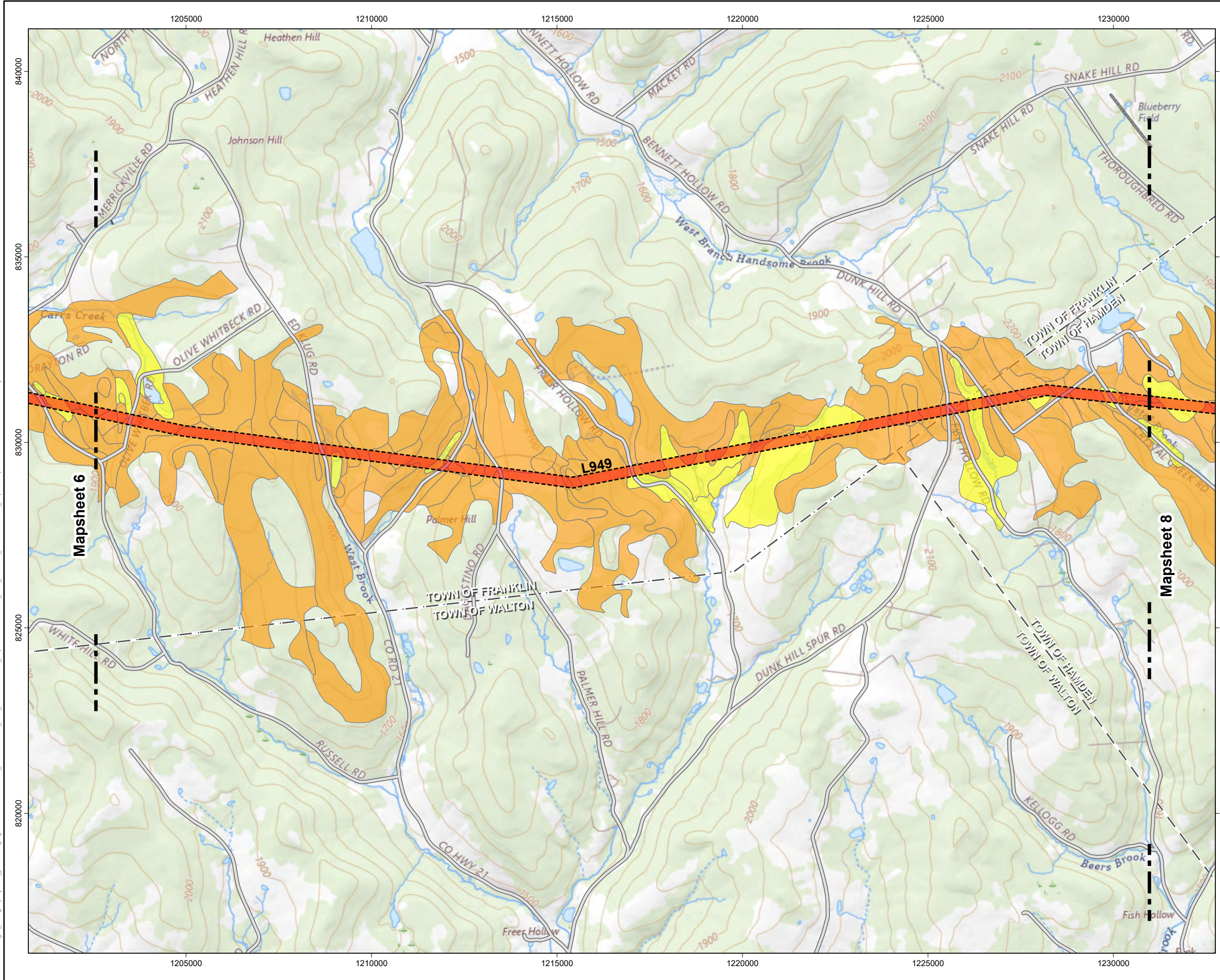
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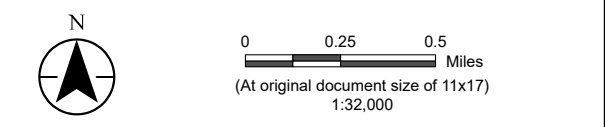
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Title
Soil – Depth to Bedrock
Mapsheet 6 of 8

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- Jennison Transmission Solution Project**
- Proposed Right-of-Way
 - NRCS Soil Survey Geographic Database**
 - Depth to Bedrock (wavg)**
 - 50 - 100cm
 - > 200cm
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Notes
 1. Data Sources: see Figure 4-7 Mapsheet Index notes

Project Location
 Chenango, Delaware, & Otsego Counties, NY

Client/Project
 Jennison Transmission Solution Project
 NYSEG CLCPA Program

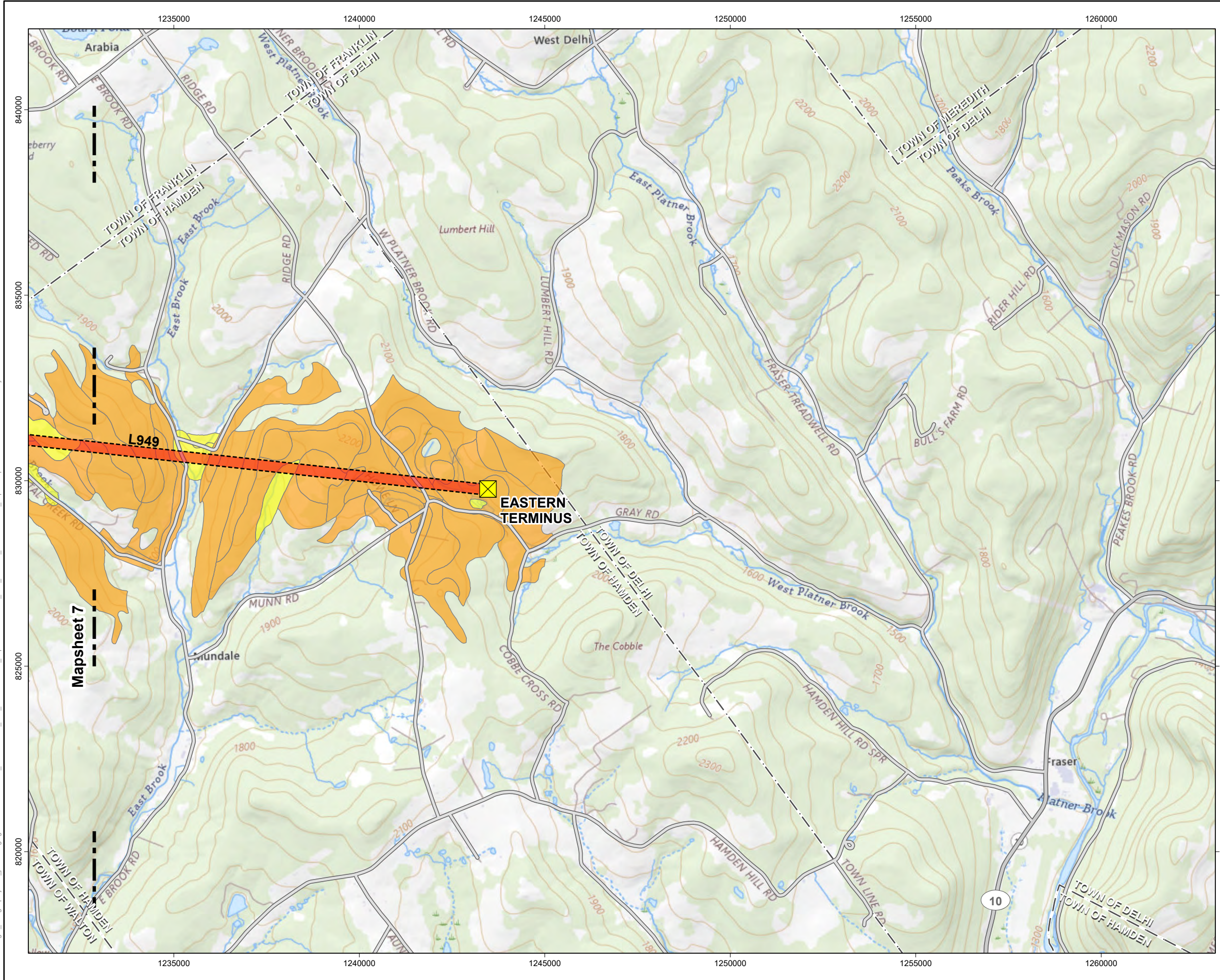
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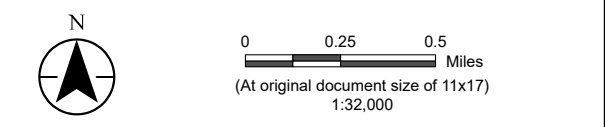
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Title
Soil – Depth to Bedrock
Mapsheet 7 of 8

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- Jennison Transmission Solution Project**
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 - Proposed Right-of-Way
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Notes
 1. Data Sources: see Figure 4-7 Mapsheet Index notes

Project Location
 Chenango, Delaware, & Otsego Counties, NY

Client/Project
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 NYSEG CLCPA Program

Prepared by AB on 2024-02-20
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213415070 REVA

Figure No.
4-7

Title
Soil – Depth to Bedrock
Mapsheet 8 of 8

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New York State Electric & Gas Corporation

Jennison Transmission Solution Project

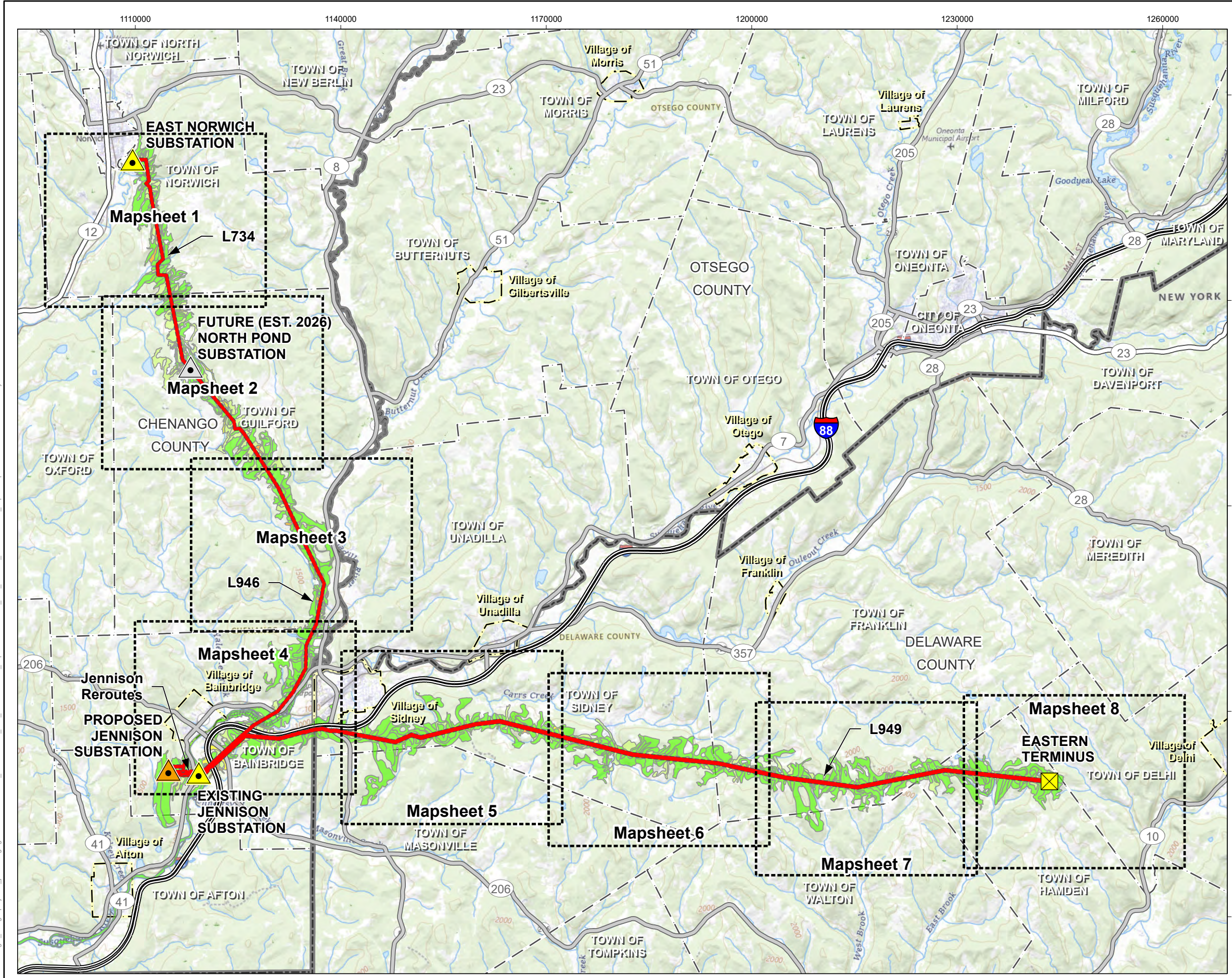
Exhibit 4

Environmental Impacts

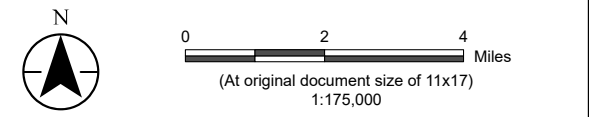
Figure 4-8

Soil Hydric Rating

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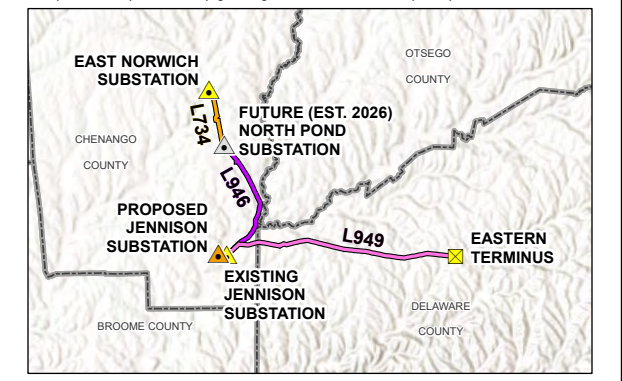


- Jennison Transmission Solution Project**
- Eastern Terminus
 - Substation, Existing
 - Substation, Future
 - Substation, Proposed
 - Proposed Right-of-Way
- NRCS Soil Survey Geographic Database**
- Soil Hydric Rating (Percent Present)**
- Not Hydric (0%)
 - Hydric (1 to 32%)
 - Hydric (33 to 65%)
 - Hydric (66 to 99%)
 - Hydric (100%)
- Road or Highway**
- Interstate
 - U.S. or State Highway
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 - City or Town Boundary
 - County Boundary
 - Village Boundary
- Mapsheet Extent, 1:32,000 Scale



Notes

- Coordinate System: NAD 1983 StatePlane New York Central FIPS 3102 Feet
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Project Location
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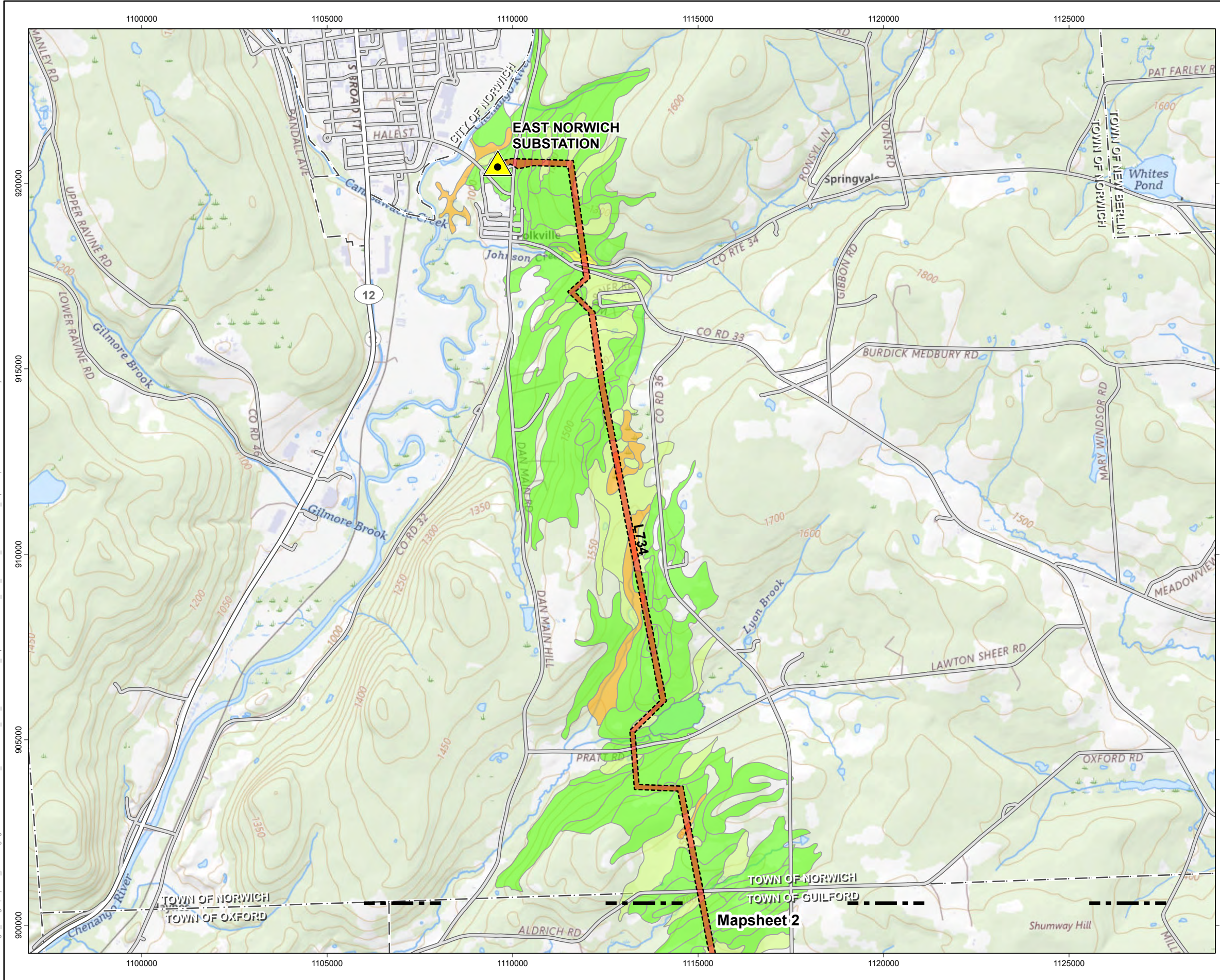
Client/Project
Jennison Transmission Solution Project
NYSEG CLCPA Program

213415070 REVA

Figure No.
4-8

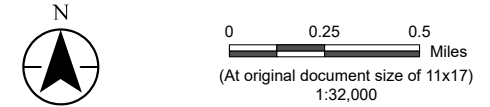
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Soil Hydric Rating Mapsheet Index

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Jennison Transmission Solution Project

- Substation, Existing
- Proposed Right-of-Way
- NRCS Soil Survey Geographic Database**
- Soil Hydric Rating (Percent Present)**
- Not Hydric (0%)
- Hydric (1 to 32%)
- Hydric (33 to 65%)
- Hydric (66 to 99%)
- Mapsheet Match Line
- City or Town Boundary
- Road or Highway**
- U.S. or State Highway
- Secondary State or County Highway
- Local, Neighborhood, Rural or City Street



Notes
 1. Data Sources: see Figure 4-8 Mapsheet Index notes

Project Location
 Chenango, Delaware, & Otsego Counties, NY

Client/Project
 Jennison Transmission Solution Project
 NYSEG CLCPA Program

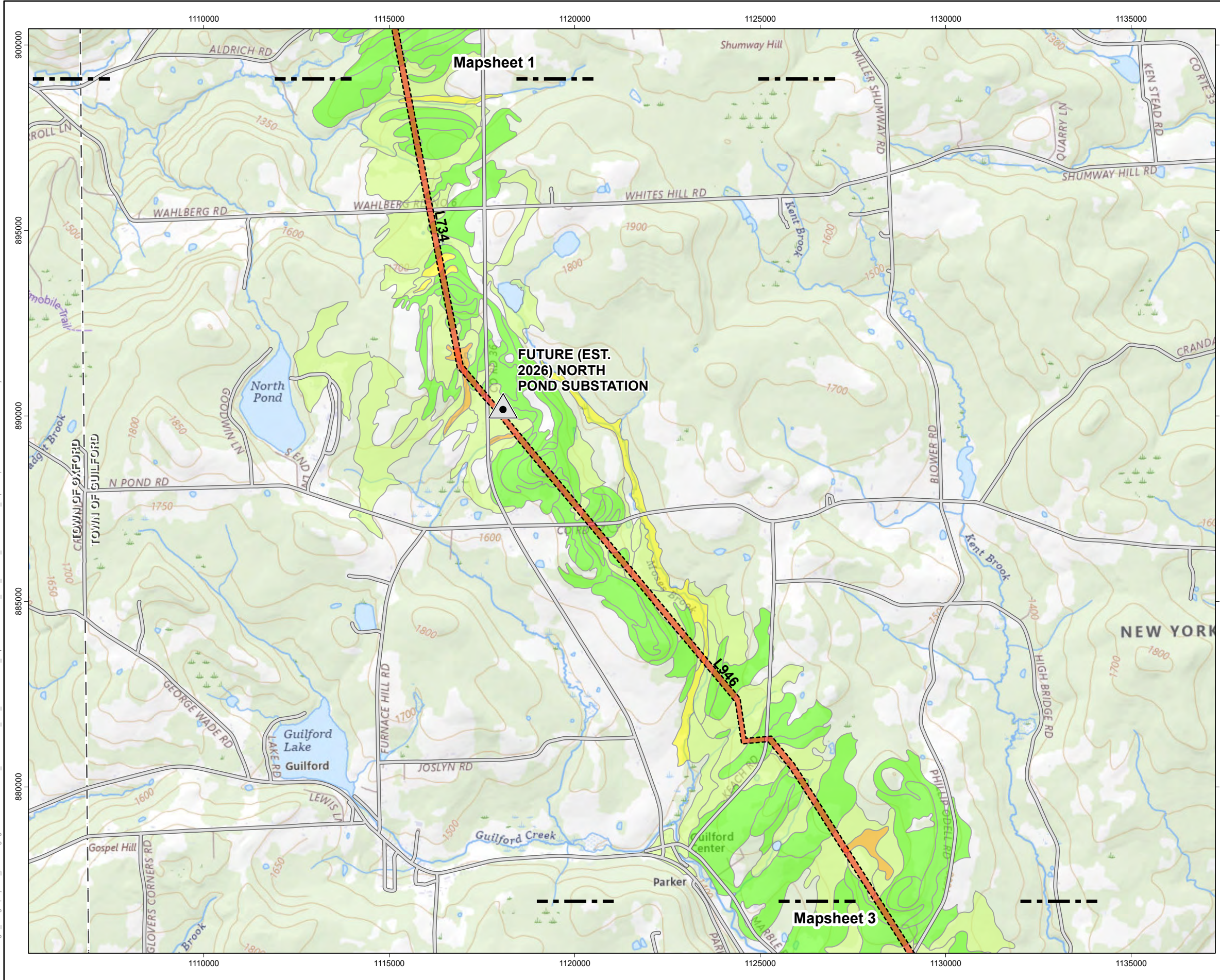
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 AB on 2024-02-20
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213415070 REVA

Figure No.
4-8

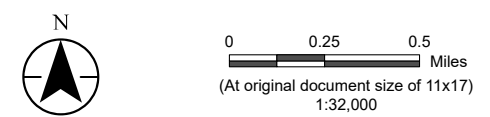
Title
Soil Hydric Rating
Mapsheet 1 of 8

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Jennison Transmission Solution Project

- Substation, Future
- Proposed Right-of-Way
- NRCS Soil Survey Geographic Database**
- Soil Hydric Rating (Percent Present)**
- Not Hydric (0%)
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- Hydric (66 to 99%)
- Mapsheet Match Line
- City or Town Boundary
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Notes
 1. Data Sources: see Figure 4-8 Mapsheet Index notes

Project Location
 Chenango, Delaware, & Otsego Counties, NY

Client/Project
 Jennison Transmission Solution Project
 NYSEG CLCPA Program

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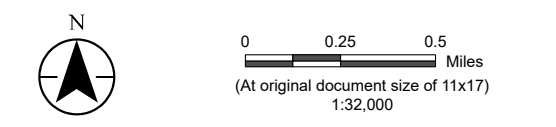
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Title
Soil Hydric Rating
Mapsheet 2 of 8

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Jennison Transmission Solution Project

- Proposed Right-of-Way
- NRCS Soil Survey Geographic Database**
- Soil Hydric Rating (Percent Present)**
- Not Hydric (0%)
- Hydric (1 to 32%)
- Hydric (33 to 65%)
- Hydric (66 to 99%)
- Mapsheet Match Line
- City or Town Boundary
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- Road or Highway**
- Secondary State or County Highway
- Local, Neighborhood, Rural or City Street



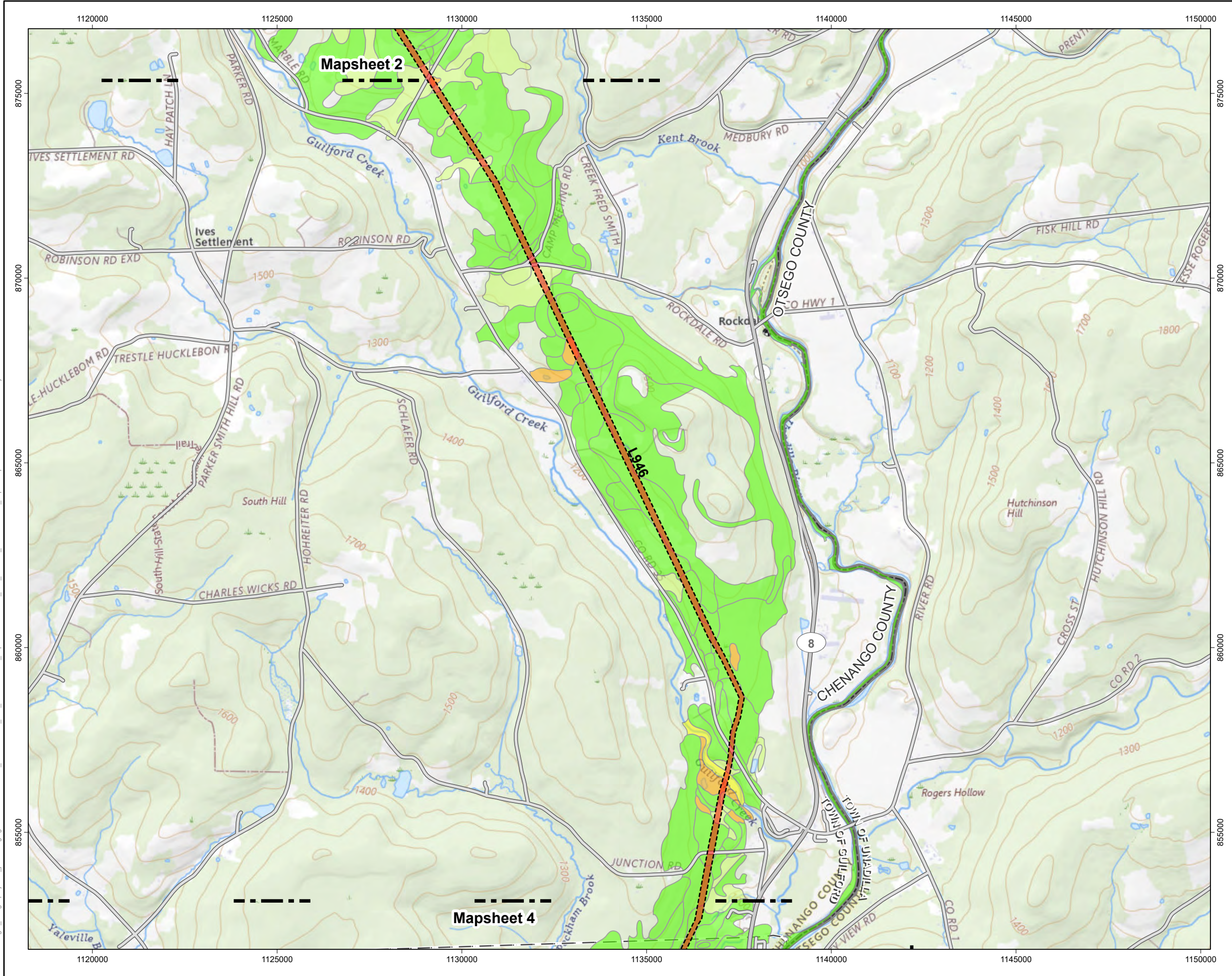
Notes
1. Data Sources: see Figure 4-8 Mapsheet Index notes

Project Location: Chenango, Delaware, & Otsego Counties, NY
Prepared by AB on 2024-02-20
TR by DG on 2024-07-31
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Client/Project: Jennison Transmission Solution Project
NYSEG CLCPA Program

Figure No.: **4-8**

Title: **Soil Hydric Rating**
Mapsheet 3 of 8



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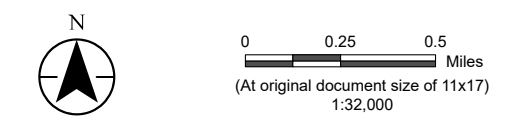
Jennison Transmission Solution Project

- Substation, Existing
- Substation, Proposed
- Proposed Right-of-Way

NRCS Soil Survey Geographic Database
Soil Hydric Rating (Percent Present)

- Not Hydric (0%)
- Hydric (1 to 32%)
- Hydric (33 to 65%)
- Hydric (66 to 99%)

- Mapsheet Match Line
- City or Town Boundary
- County Boundary
- Road or Highway**
- Interstate
- Secondary State or County Highway
- Local, Neighborhood, Rural or City Street
- Village Boundary



Notes
1. Data Sources: see Figure 4-8 Mapsheet Index notes

Project Location
Chenango, Delaware, & Otsego Counties, NY

Client/Project
Jennison Transmission Solution Project
NYSEG CLCPA Program

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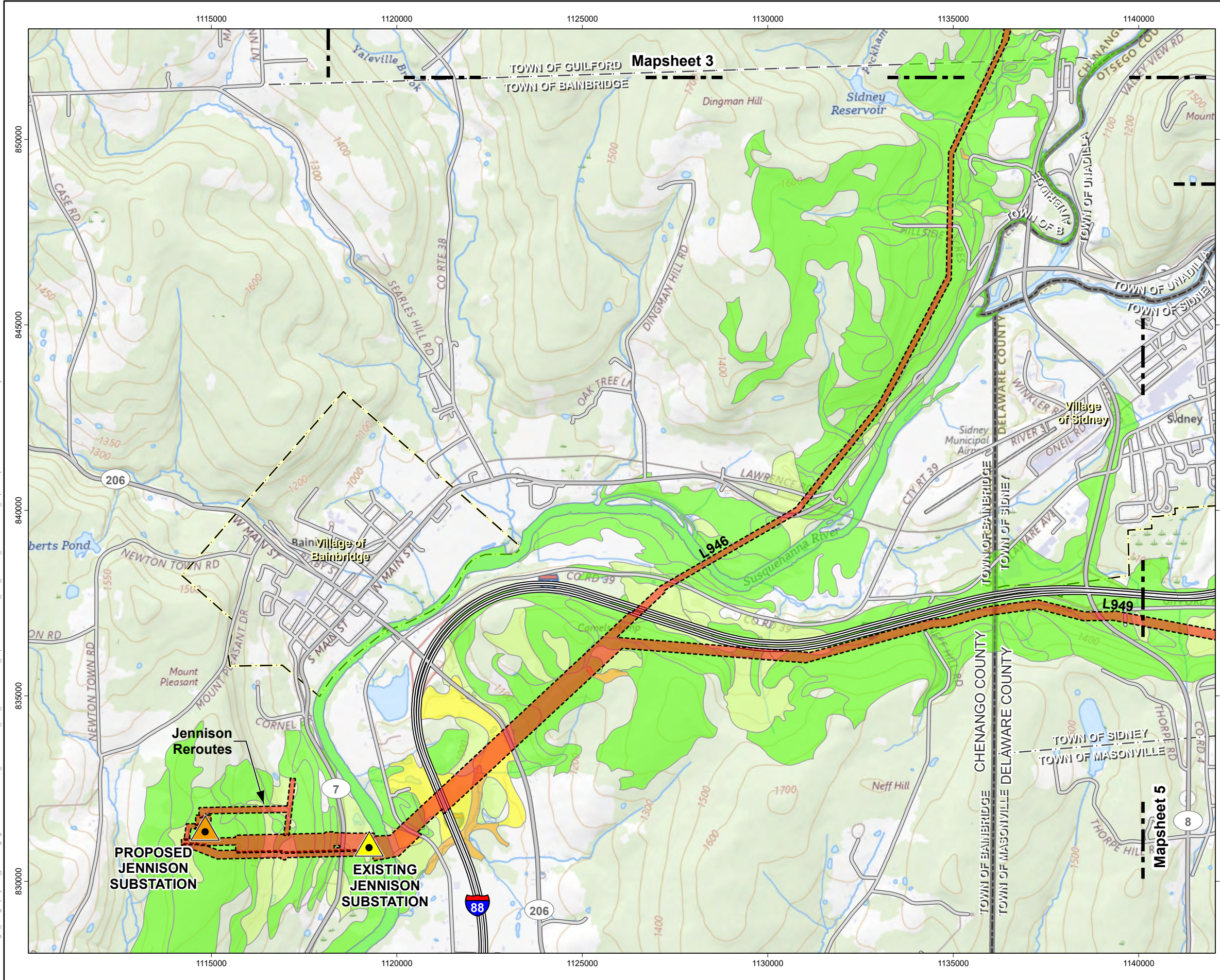
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Figure No.

4-8


Title

Soil Hydric Rating
Mapsheet 4 of 8









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Jennison Transmission Solution Project


 Proposed Right-of-Way

**NRCS Soil Survey Geographic Database
Soil Hydric Rating (Percent Present)**






-  Not Hydric (0%)
-  Hydric (1 to 32%)
-  Hydric (33 to 65%)
-  Hydric (66 to 99%)
-  Hydric (100%)

 Mapsheet Match Line

 City or Town Boundary

 County Boundary

Road or Highway

-  Interstate
-  Secondary State or County Highway
-  Local, Neighborhood, Rural or City Street
-  4WD Route
-  Village Boundary



0 0.25 0.5 Miles
(At original document size of 11x17)
1:32,000

Notes
1. Data Sources: see Figure 4-8 Mapsheet Index notes

Project Location
Chenango, Delaware, &
Otsego Counties, NY

Prepared by AB on 2024-02-20
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Client/Project 213415070 REVA
Jennison Transmission Solution Project

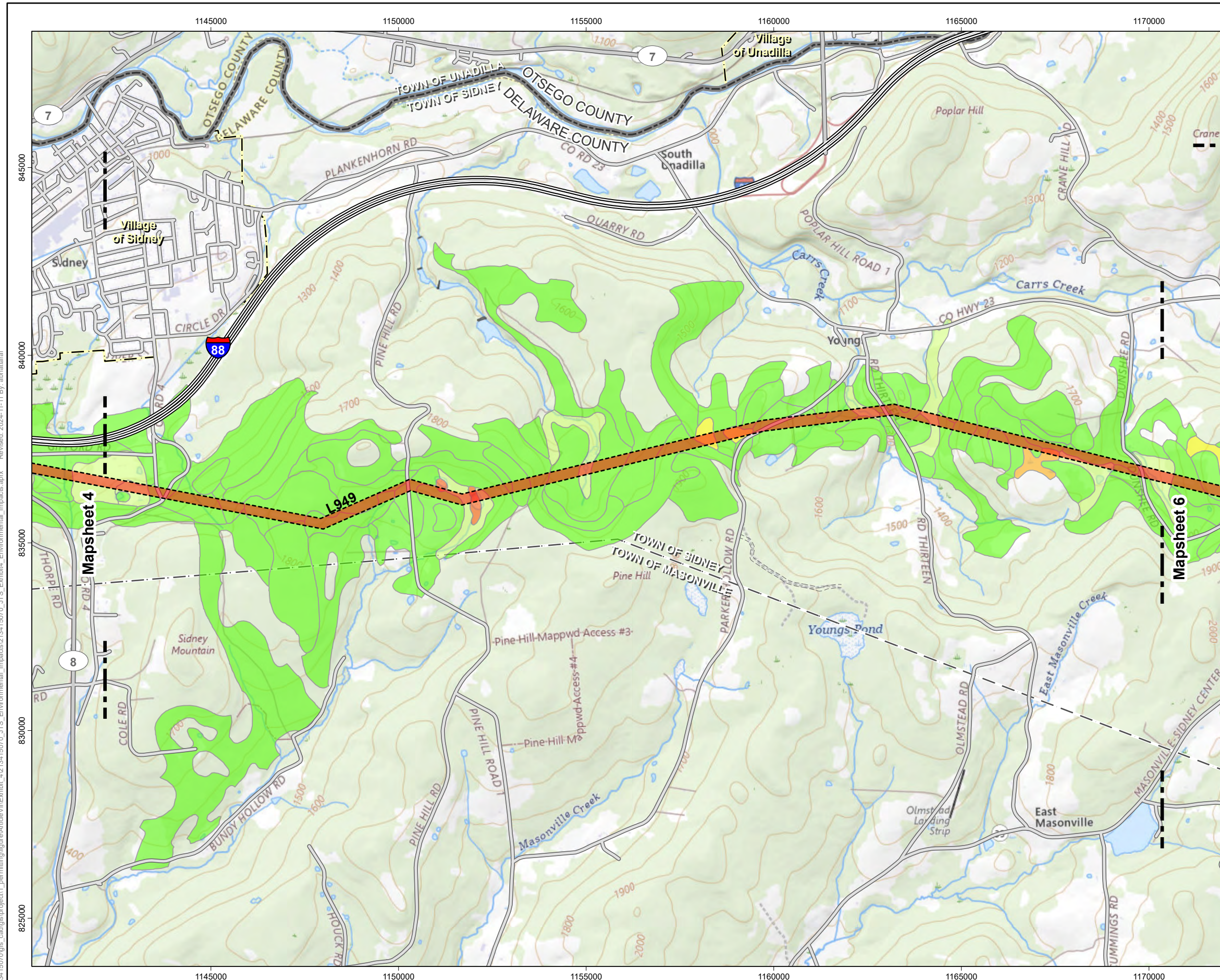
NYSEG CLCPA Program

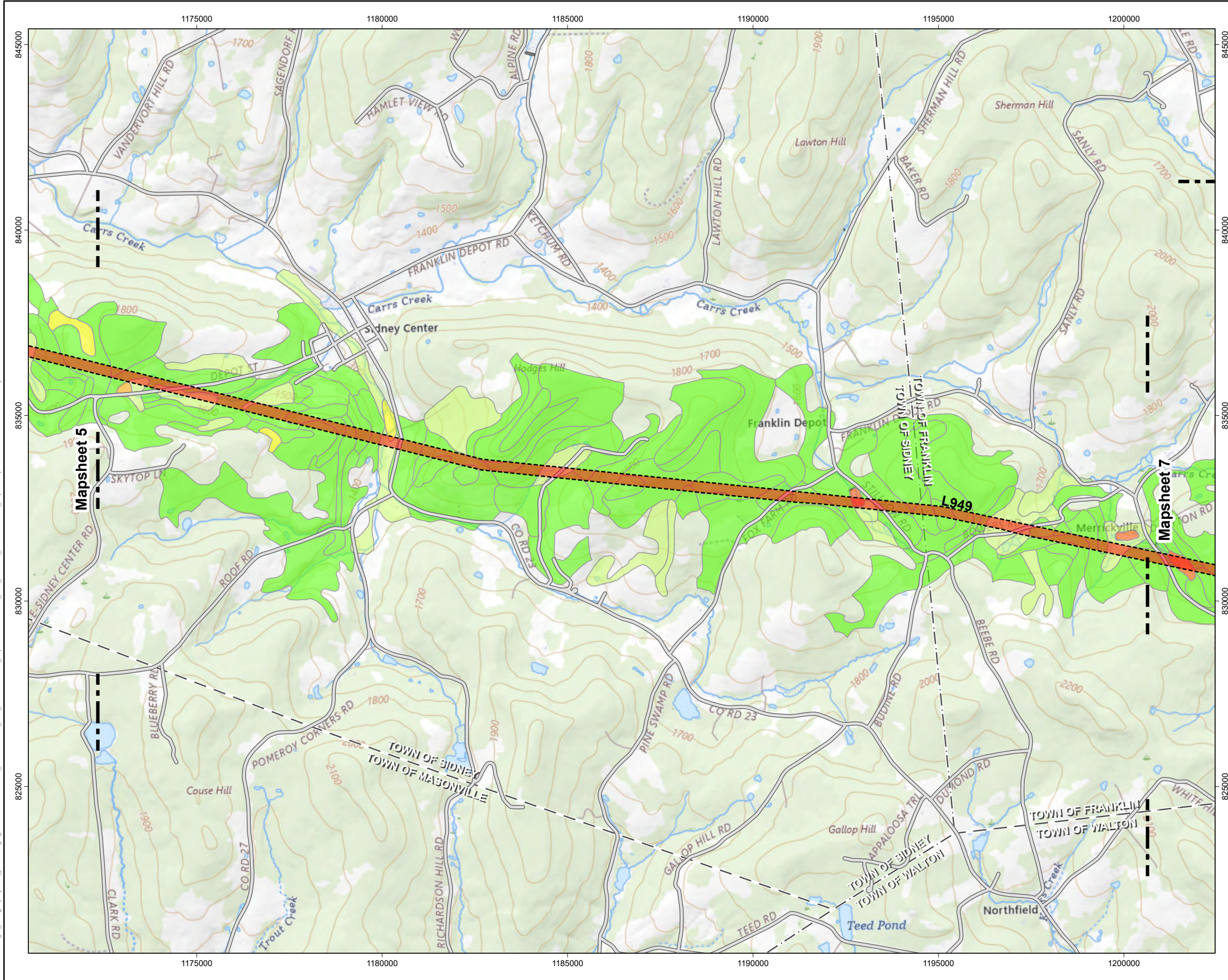
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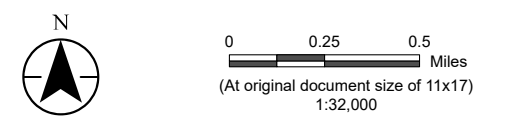
**Soil Hydric Rating
Mapsheet 5 of 8**





Jennison Transmission Solution Project

- Proposed Right-of-Way
- NRCS Soil Survey Geographic Database**
- Soil Hydric Rating (Percent Present)**
- Not Hydric (0%)
- Hydric (1 to 32%)
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- Hydric (66 to 99%)
- Hydric (100%)
- Mapsheet Match Line
- City or Town Boundary
- Road or Highway**
- Local, Neighborhood, Rural or City Street



Notes
 1. Data Sources: see Figure 4-8 Mapsheet Index notes

Project Location
 Chenango, Delaware, & Otsego Counties, NY

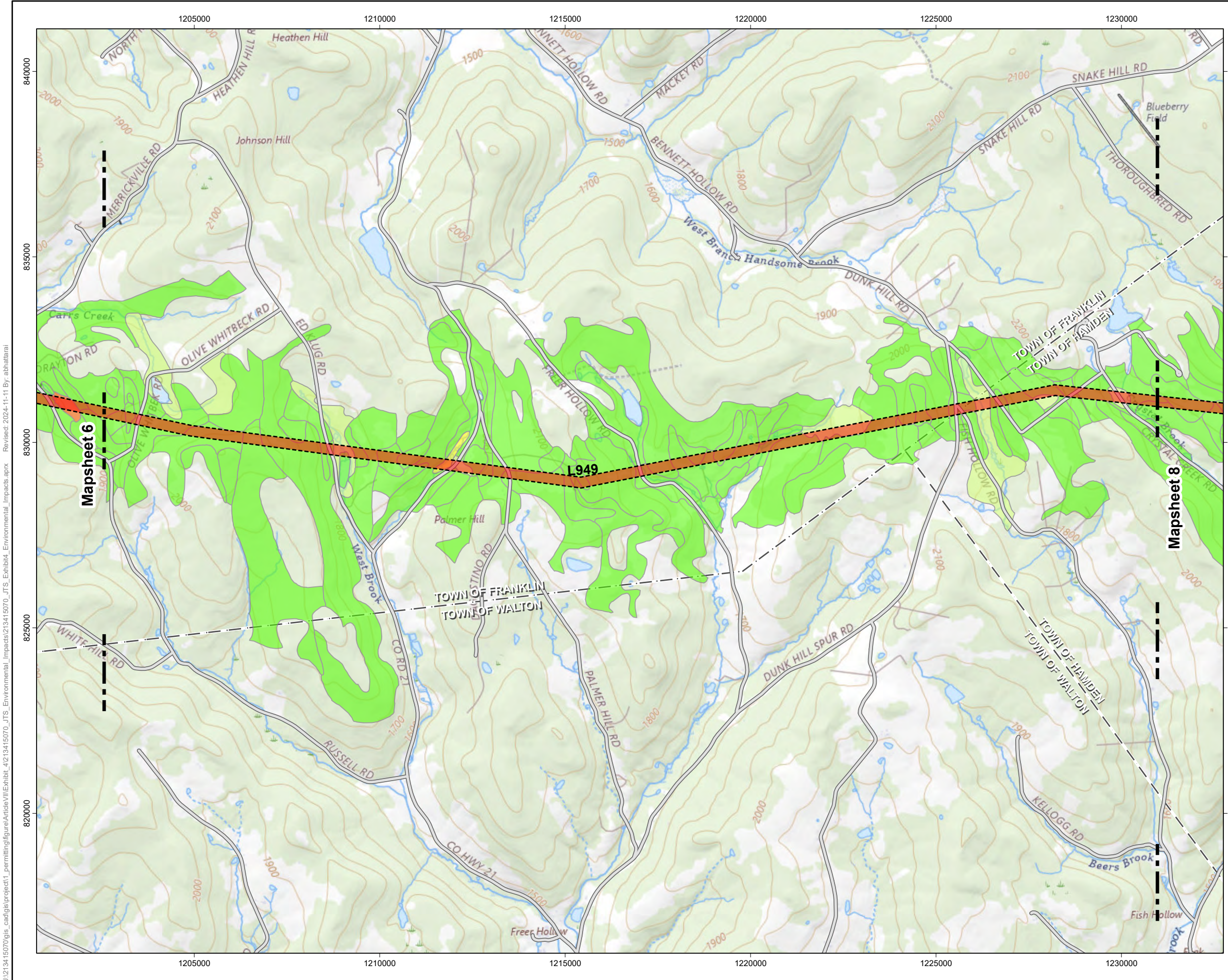
Client/Project
 Jennison Transmission Solution Project
 NYSEG CLCPA Program

Figure No.
4-8

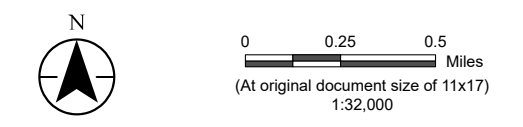
Title
Soil Hydric Rating
Mapsheet 6 of 8

Prepared by AB on 2024-02-20
 TR by DG on 2024-07-31
 IR by BS on 2024-10-18

213415070 REVA



- Jennison Transmission Solution Project**
- Proposed Right-of-Way
 - NRCS Soil Survey Geographic Database**
 - Soil Hydric Rating (Percent Present)**
 - Not Hydric (0%)
 - Hydric (1 to 32%)
 - Hydric (33 to 65%)
 - Hydric (100%)
 - Mapsheet Match Line
 - City or Town Boundary
 - Road or Highway**
 - Local, Neighborhood, Rural or City Street



Notes
 1. Data Sources: see Figure 4-8 Mapsheet Index notes

Project Location
 Chenango, Delaware, & Otsego Counties, NY

Client/Project
 Jennison Transmission Solution Project
 NYSEG CLCPA Program

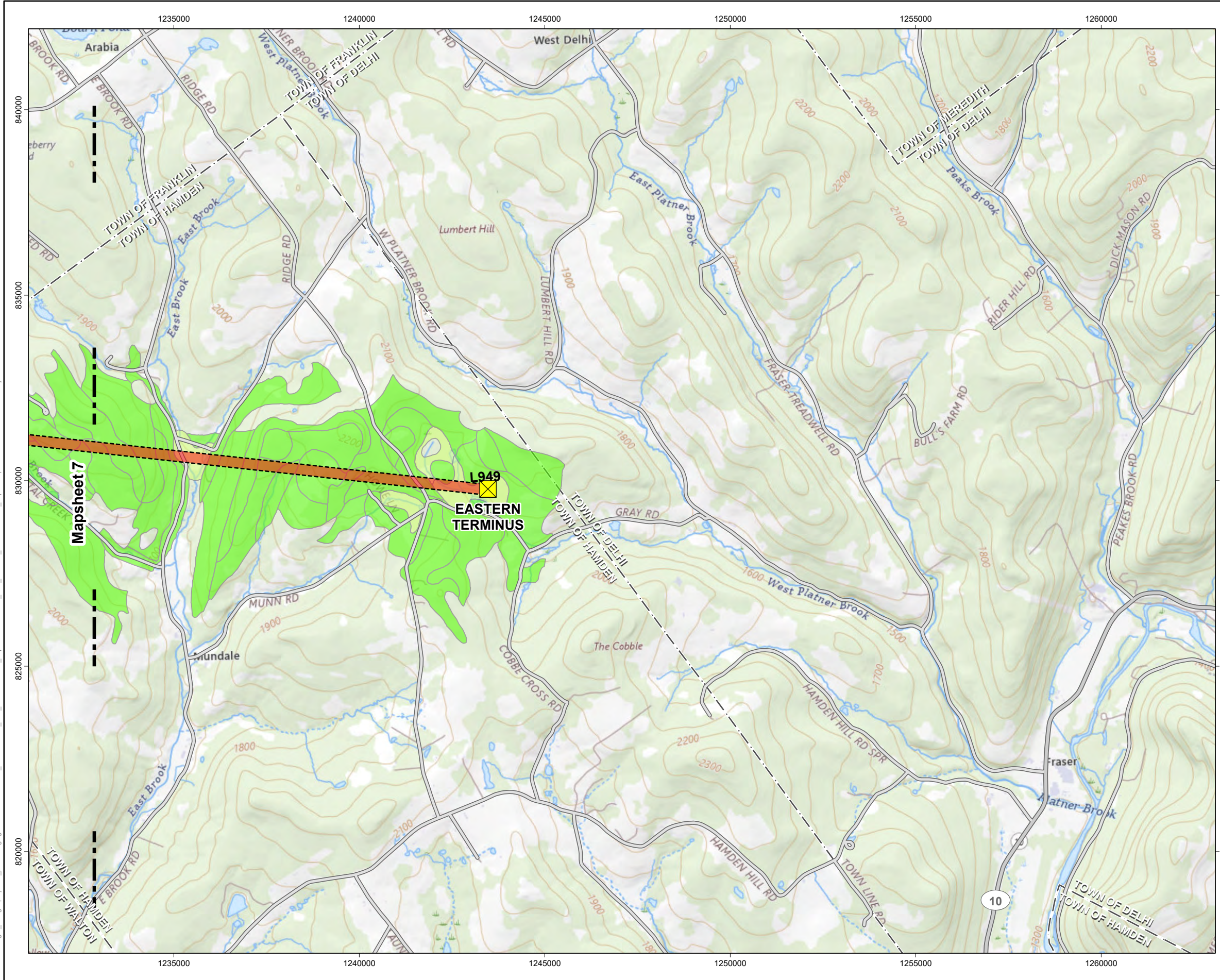
Figure No.
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Title
Soil Hydric Rating
Mapsheet 7 of 8

Prepared by AB on 2024-02-20
 TR by DG on 2024-07-31
 IR by BS on 2024-10-18

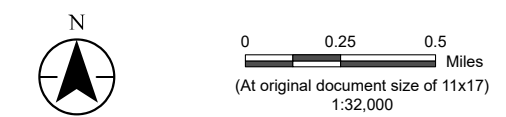
213415070 REVA

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Jennison Transmission Solution Project

- Eastern Terminus
 - Proposed Right-of-Way
- NRCS Soil Survey Geographic Database**
Soil Hydric Rating (Percent Present)
- Not Hydric (0%)
 - Hydric (1 to 32%)
- Mapsheet Match Line
- City or Town Boundary
- Road or Highway**
- Secondary State or County Highway
 - Local, Neighborhood, Rural or City Street



Notes
 1. Data Sources: see Figure 4-8 Mapsheet Index notes

Project Location
 Chenango, Delaware, & Otsego Counties, NY

Client/Project
 Jennison Transmission Solution Project
 NYSEG CLCPA Program

Prepared by
 AB on 2024-02-20
 TR by DG on 2024-07-31
 IR by BS on 2024-10-18

213415070 REVA

Figure No.
4-8

Title
Soil Hydric Rating
Mapsheet 8 of 8

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New York State Electric & Gas Corporation

Jennison Transmission Solution Project

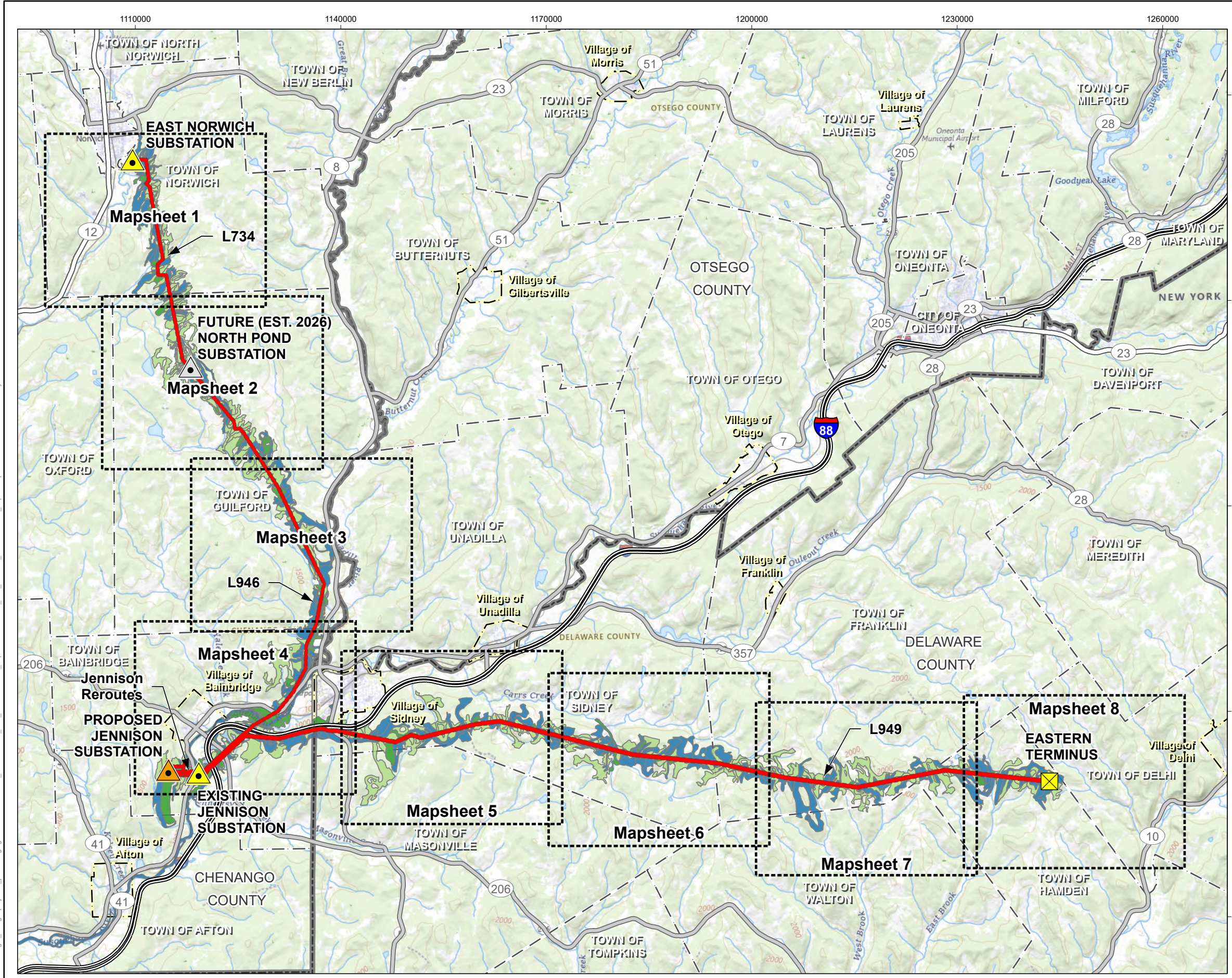
Exhibit 4

Environmental Impacts

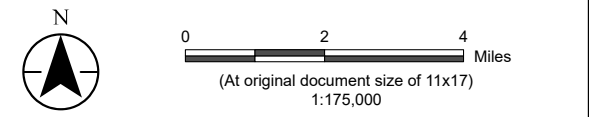
Figure 4-9

Soil Farmland Classification

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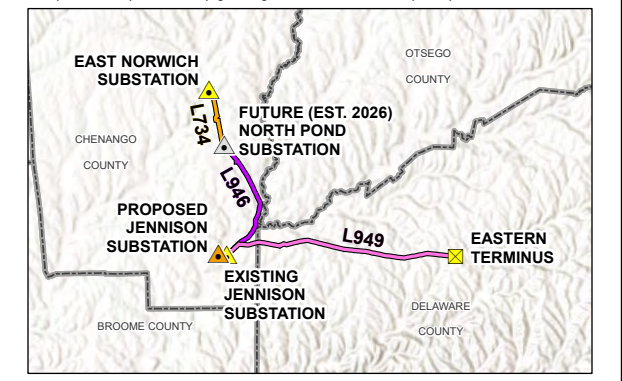


- Jennison Transmission Solution Project**
- Eastern Terminus
 - Substation, Existing
 - Substation, Proposed
 - Substation, Future
 - Proposed Right-of-Way
- NRCS Soil Survey Geographic Database**
- All Areas Are Prime Farmland
 - Farmland of Statewide Importance
 - Not Prime Farmland
 - Prime Farmland if Drained
- Road or Highway**
- Interstate
 - U.S. or State Highway
 - Secondary State or County Highway
 - City or Town Boundary
 - County Boundary
 - Village Boundary
- Mapsheets**
- Mapsheet Extent, 1:32,000 Scale



Notes

- Coordinate System: NAD 1983 StatePlane New York Central FIPS 3102 Feet
- Data Sources: NYSEG Data, 2024; NRCS Gridded Soil Survey Geographic Database (SSURGO) for NY, 2022; Esri North American Detailed Streets, 2012; NYS OIS GIS Program Office Civil Boundaries, 2018
- Background: USGS Topo (The National Map): <https://basemap.nationalmap.gov/arcgis/rest/services/USGSTopo/MapServer>



Project Location
Chenango, Delaware, & Otsego Counties, NY

Prepared by AB on 2024-02-20
TR by DG on 2024-07-31
IR by BS on 2024-10-18

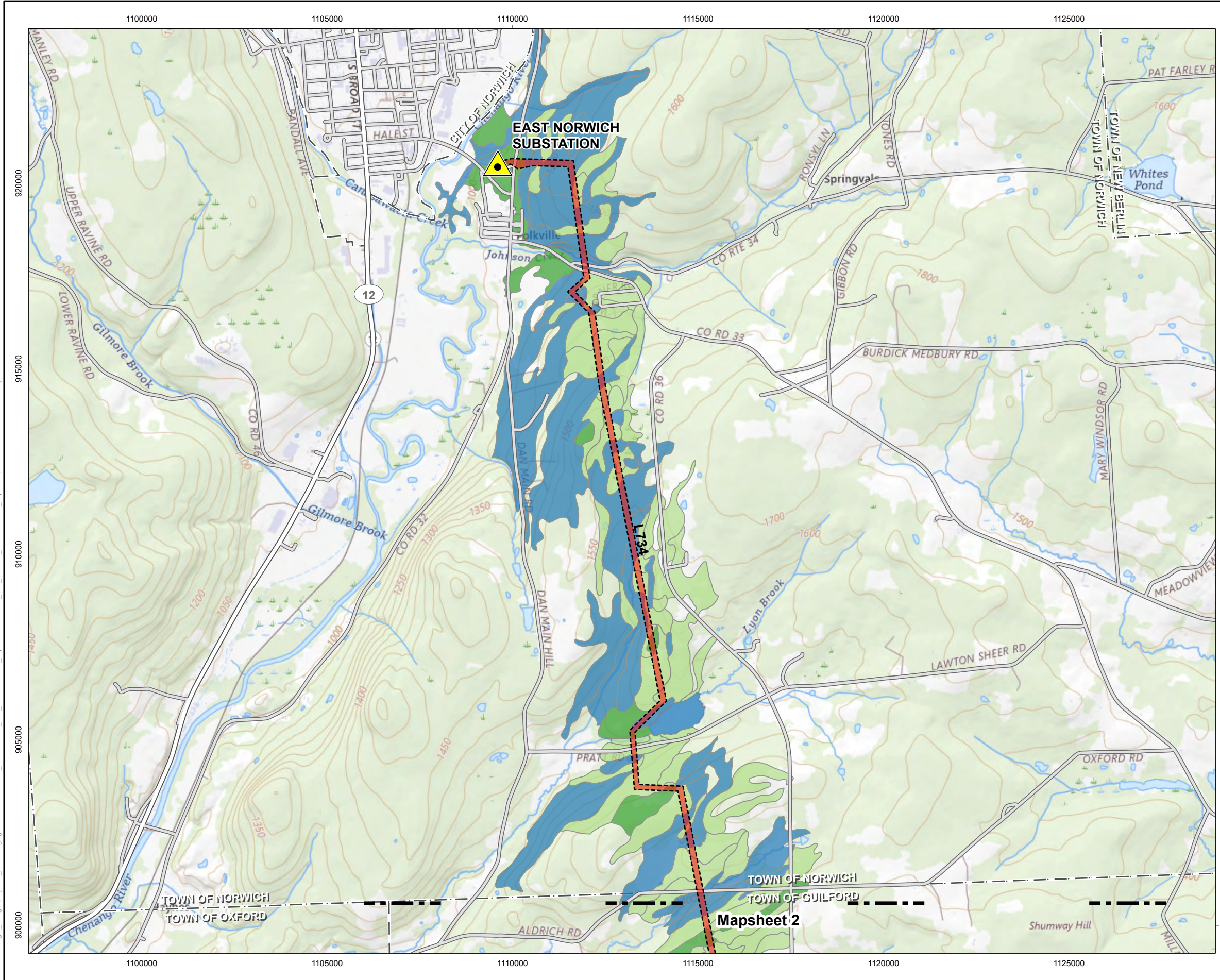
Client/Project
Jennison Transmission Solution Project
NYSEG CLCPA Program

213415070 REVA











Figure No.
4-9

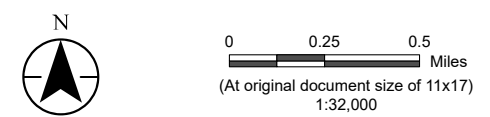
Title
**Soil Farmland Classification
Mapsheet Index**

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Jennison Transmission Solution Project

-  Substation, Existing
-  Proposed Right-of-Way
- NRCS Soil Survey Geographic Database Farmland Classification**
-  All Areas Are Prime Farmland
-  Farmland of Statewide Importance
-  Not Prime Farmland
-  Mapsheet Match Line
-  City or Town Boundary
- Road or Highway**
-  U.S. or State Highway
-  Secondary State or County Highway
-  Local, Neighborhood, Rural or City Street



Notes
 1. Data Sources: see Figure 4-9 Mapsheet Index notes

Project Location
 Chenango, Delaware, & Otsego Counties, NY

Client/Project
 Jennison Transmission Solution Project
 NYSEG CLCPA Program

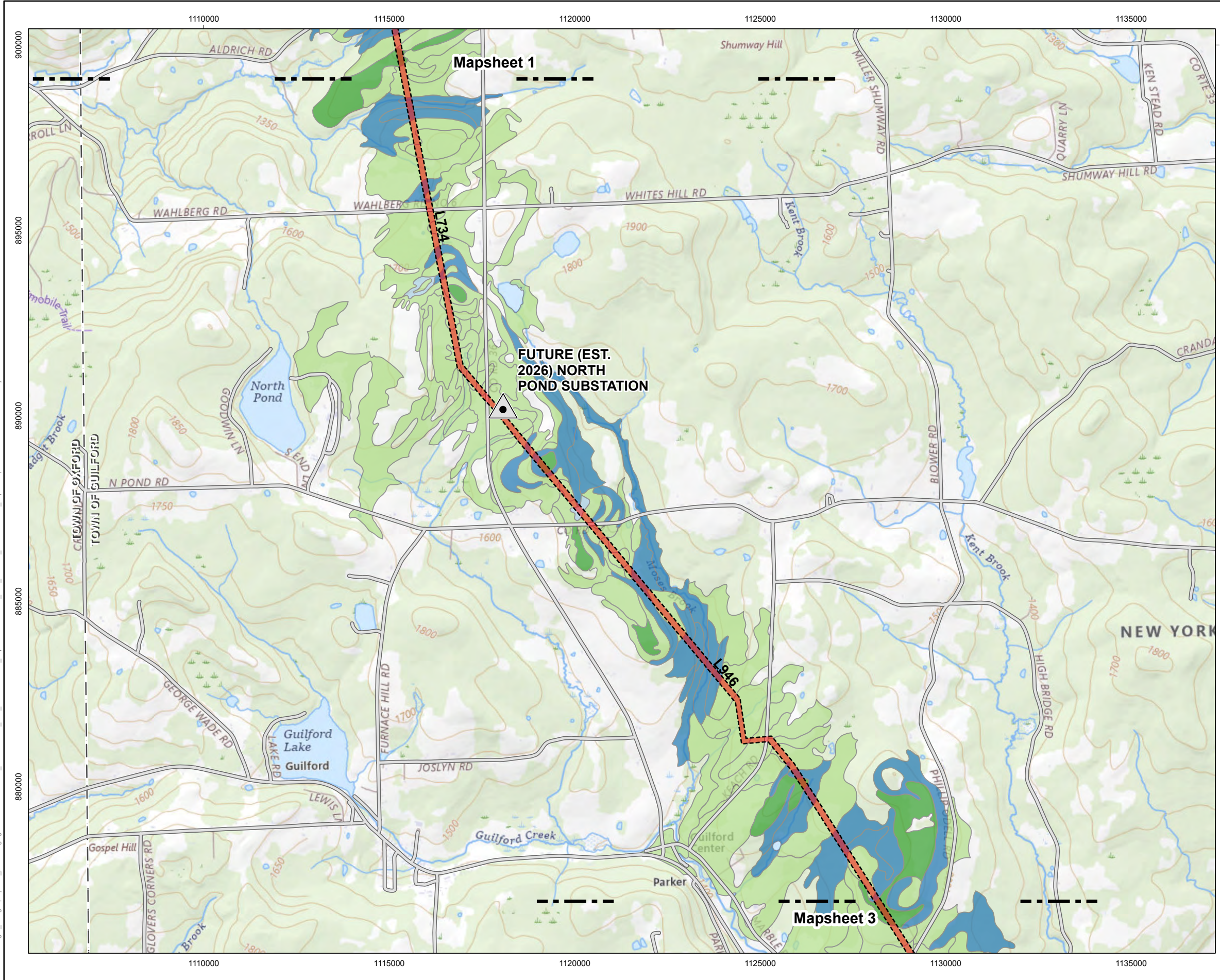
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 TR by DG on 2024-07-31
 IR by BS on 2024-10-18

213415070 REVA










Figure No.
4-9

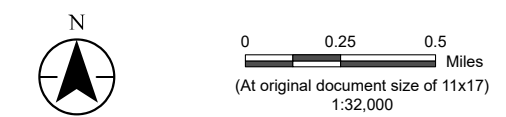
Title
Soil Farmland Classification
Mapsheet 1 of 8

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Jennison Transmission Solution Project

-  Substation, Future
-  Proposed Right-of-Way
- NRCS Soil Survey Geographic Database Farmland Classification**
-  All Areas Are Prime Farmland
-  Farmland of Statewide Importance
-  Not Prime Farmland
-  Prime Farmland if Drained
-  Mapsheet Match Line
-  City or Town Boundary
- Road or Highway**
-  Local, Neighborhood, Rural or City Street



Notes
1. Data Sources: see Figure 4-9 Mapsheet Index notes

Project Location
Chenango, Delaware, & Otsego Counties, NY

Prepared by
AB on 2024-02-20
TR by DG on 2024-07-31
IR by BS on 2024-10-18

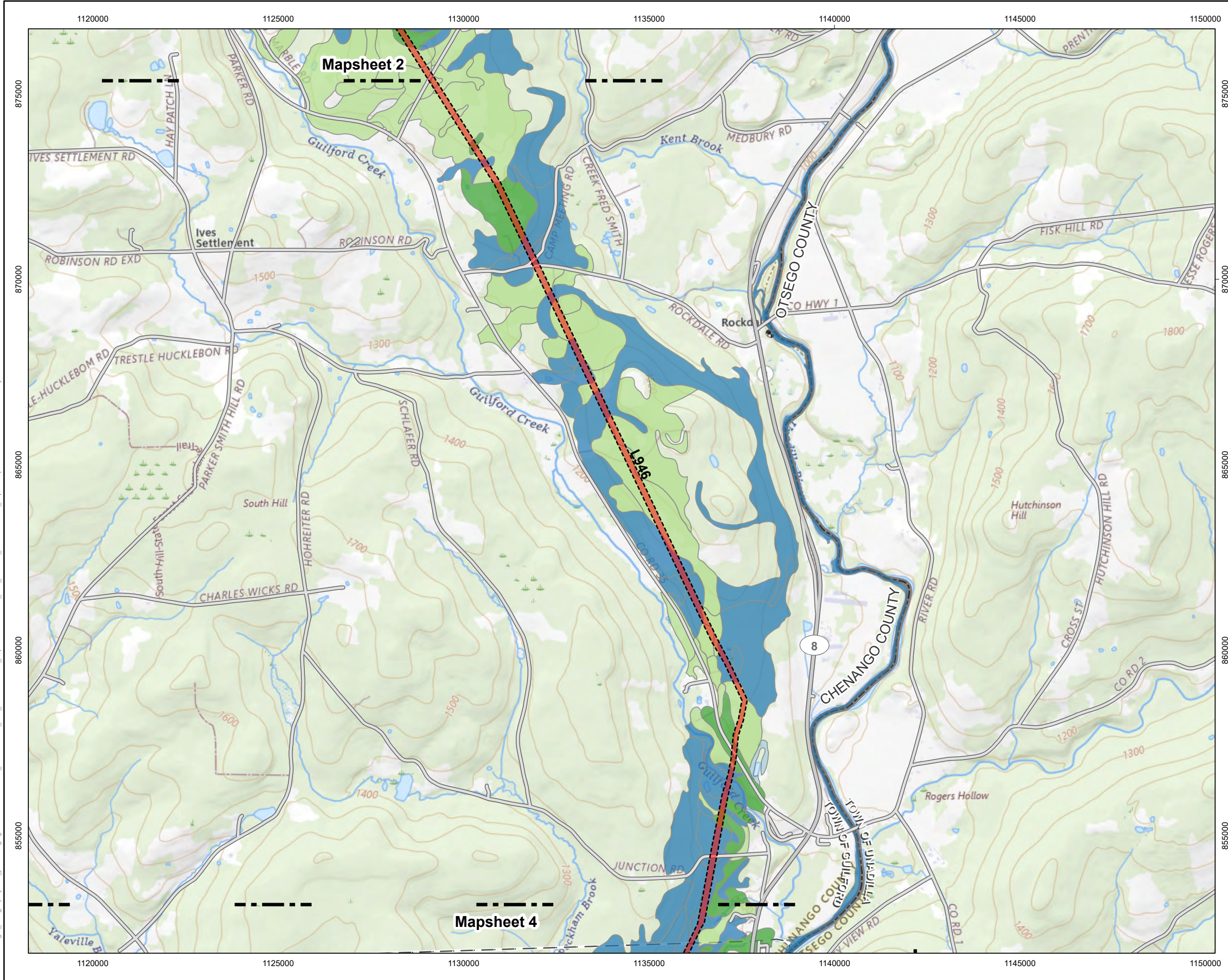
Client/Project
Jennison Transmission Solution Project
NYSEG CLCPA Program

213415070 REVA

Figure No.
4-9

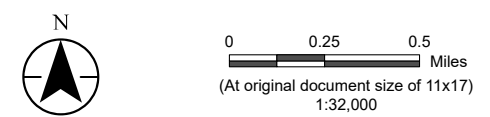
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**Soil Farmland Classification
Mapsheet 2 of 8**

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Jennison Transmission Solution Project

- Proposed Right-of-Way
- NRCS Soil Survey Geographic Database Farmland Classification**
- All Areas Are Prime Farmland
- Farmland of Statewide Importance
- Not Prime Farmland
- Prime Farmland if Drained
- Mapsheet Match Line
- City or Town Boundary
- County Boundary
- Road or Highway**
- Secondary State or County Highway
- Local, Neighborhood, Rural or City Street



Notes
 1. Data Sources: see Figure 4-9 Mapsheet Index notes

Project Location
 Chenango, Delaware, & Otsego Counties, NY

Client/Project
 Jennison Transmission Solution Project
 NYSEG CLCPA Program

Figure No.
4-9

Title
Soil Farmland Classification
Mapsheet 3 of 8

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Jennison Transmission Solution Project

- Substation, Existing
- Substation, Proposed
- Proposed Right-of-Way

**NRCS Soil Survey Geographic Database
Farmland Classification**

- All Areas Are Prime Farmland
- Farmland of Statewide Importance
- Not Prime Farmland
- Prime Farmland if Drained

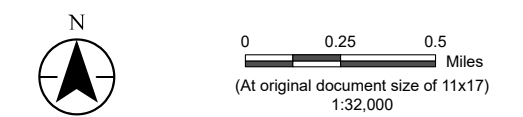
Mapsheet Match Line

City or Town Boundary

County Boundary

Road or Highway

- Interstate
- Secondary State or County Highway
- Local, Neighborhood, Rural or City Street
- Village Boundary



Notes
1. Data Sources: see Figure 4-9 Mapsheet Index notes

Project Location
Chenango, Delaware, & Otsego Counties, NY

Prepared by AB on 2024-02-20
TR by DG on 2024-07-31
IR by BS on 2024-10-18

Client/Project
Jennison Transmission Solution Project
NYSEG CLCPA Program

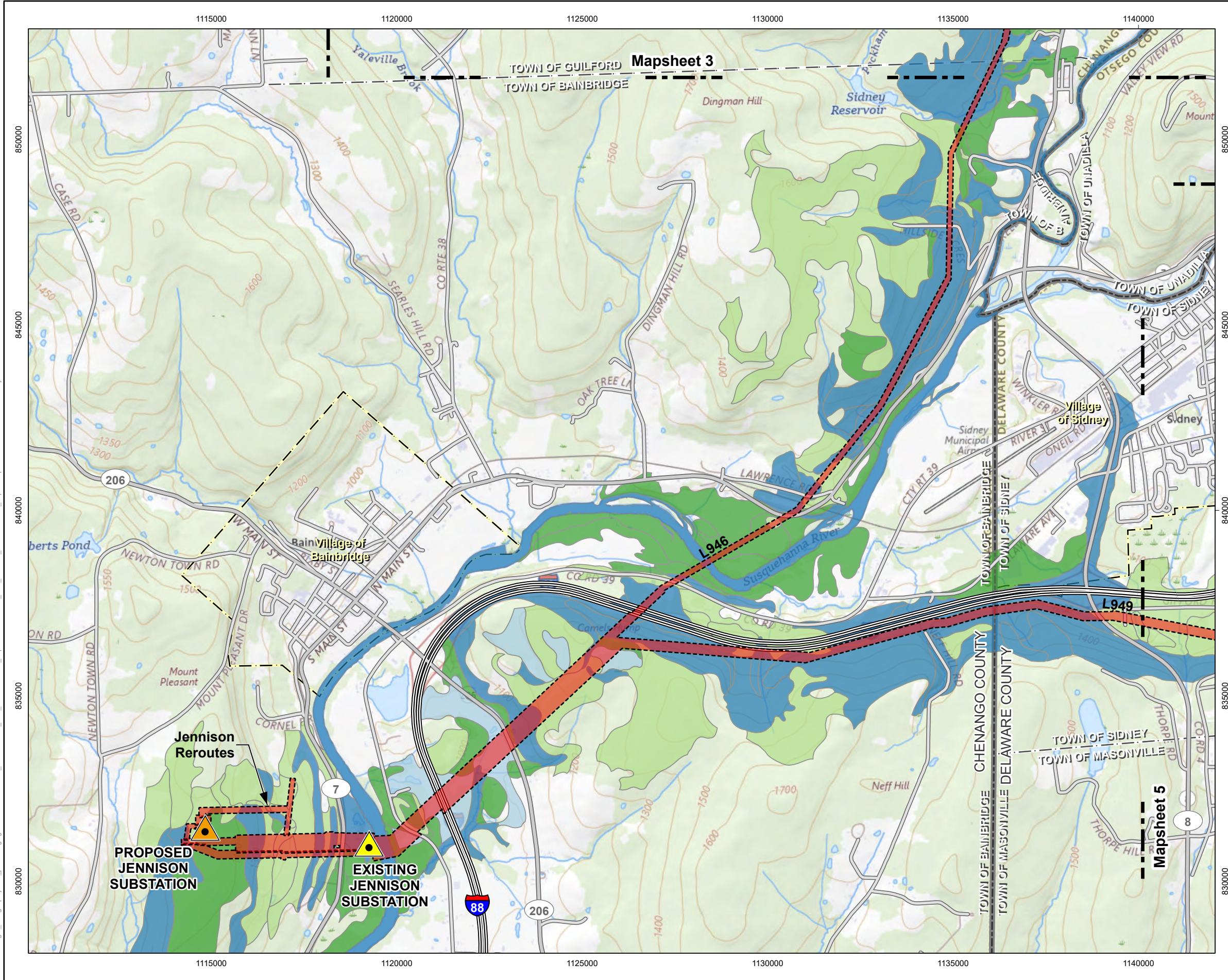
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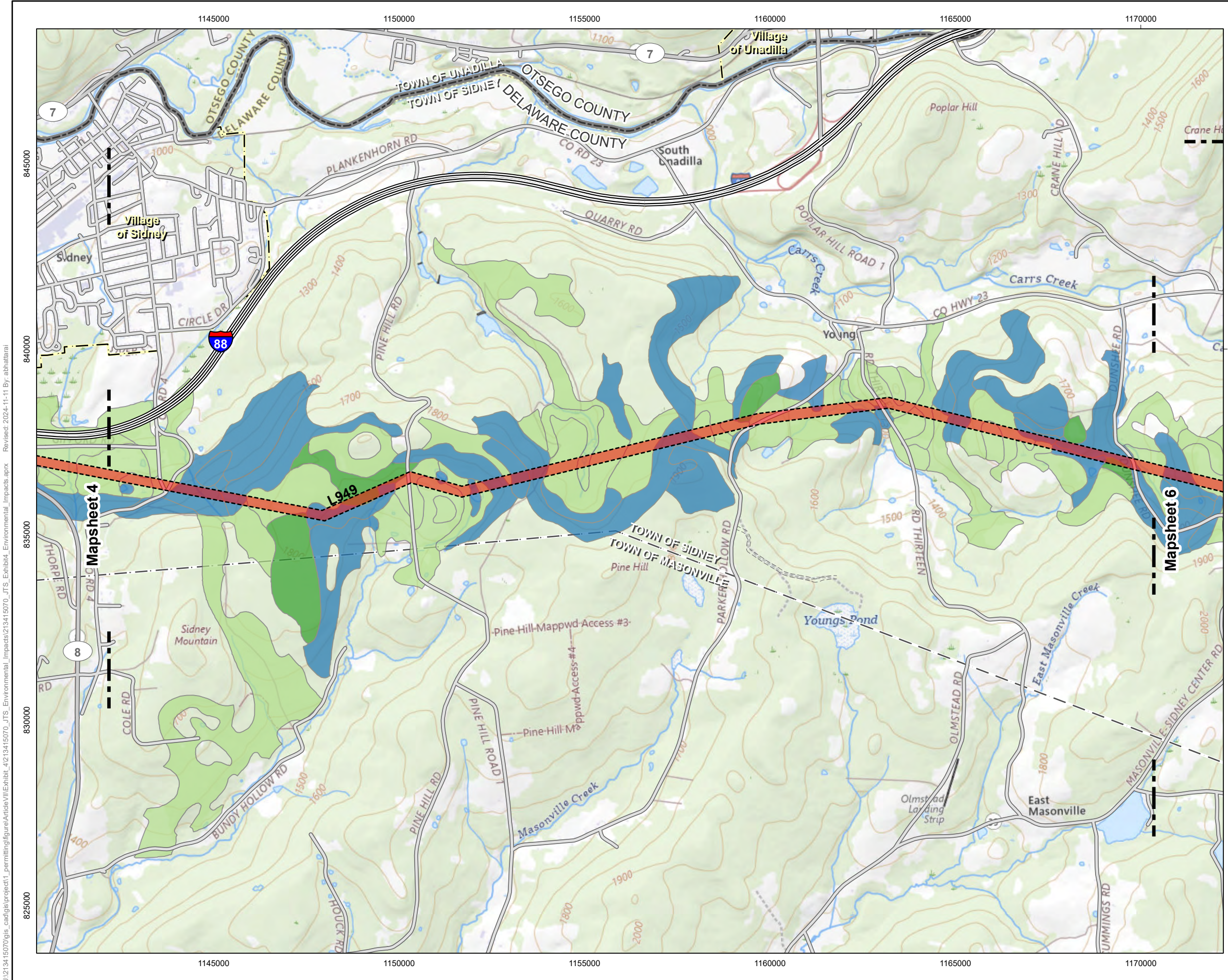
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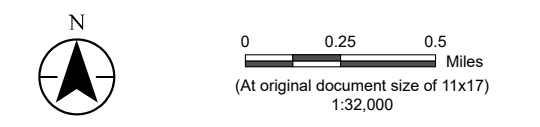
**Soil Farmland Classification
Mapsheet 4 of 8**



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- Jennison Transmission Solution Project**
- Proposed Right-of-Way
- NRCS Soil Survey Geographic Database Farmland Classification**
- All Areas Are Prime Farmland
 - Farmland of Statewide Importance
 - Not Prime Farmland
- Map Features**
- Mapsheet Match Line
 - City or Town Boundary
 - County Boundary
- Road or Highway**
- Interstate
 - Secondary State or County Highway
 - Local, Neighborhood, Rural or City Street
 - 4WD Route
 - Village Boundary



Notes
 1. Data Sources: see Figure 4-9 Mapsheet Index notes


Project Location
 Chenango, Delaware, & Otsego Counties, NY

Client/Project
 Jennison Transmission Solution Project
 NYSEG CLCPA Program


Figure No.
4-9

Title
Soil Farmland Classification
Mapsheet 5 of 8

Jennison Transmission Solution Project


 Proposed Right-of-Way

**NRCS Soil Survey Geographic Database
Farmland Classification**

 All Areas Are Prime Farmland


 Farmland of Statewide Importance

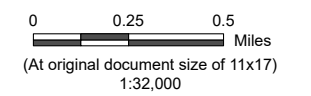
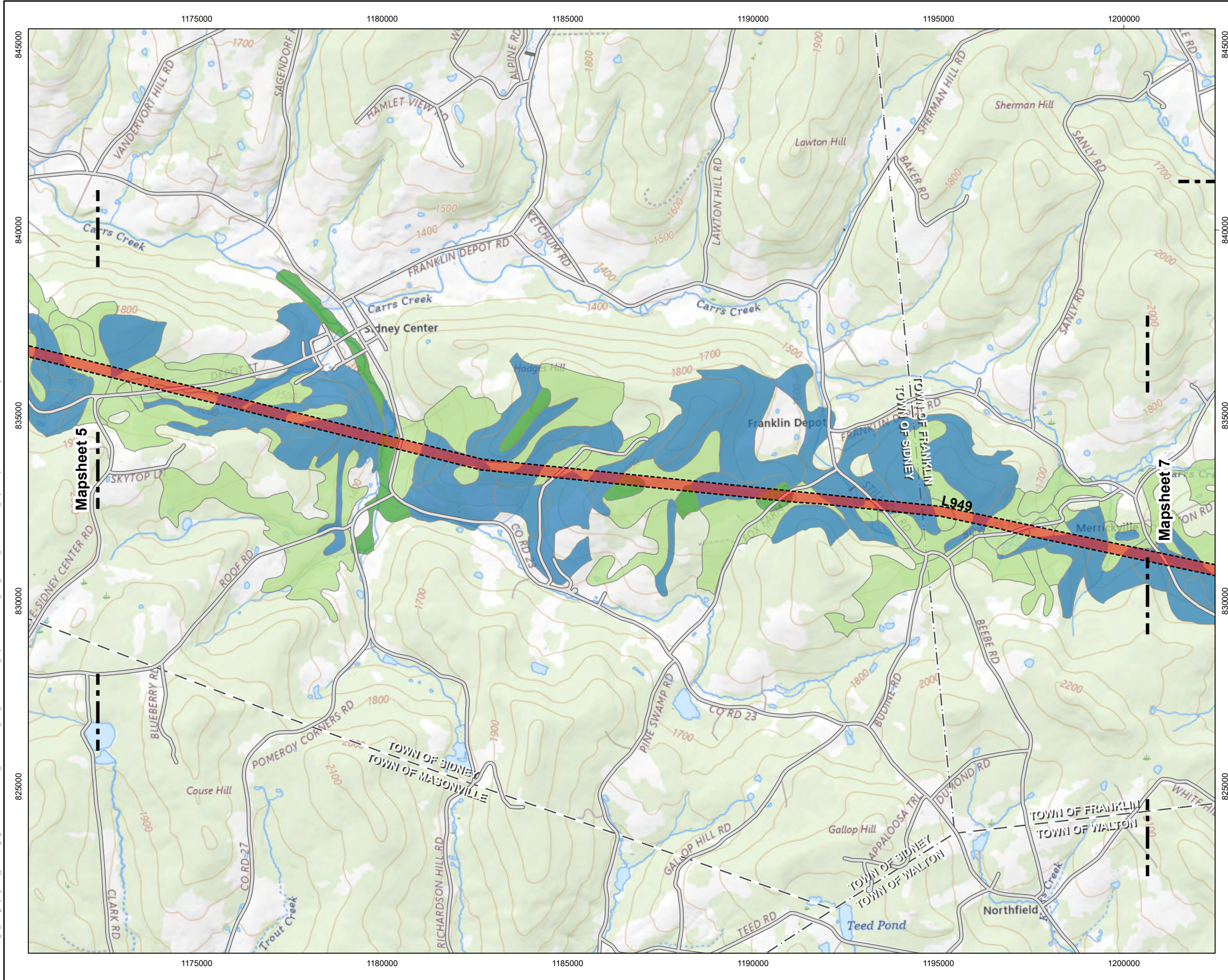
 Not Prime Farmland

 Mapsheet Match Line

 City or Town Boundary

Road or Highway

 Local, Neighborhood, Rural or City Street



Notes
1. Data Sources: see Figure 4-9 Mapsheet Index notes

Project Location
Chenango, Delaware, & Otsego Counties, NY

Prepared by AB on 2024-02-20
TR by DG on 2024-07-31
IR by BS on 2024-10-18

Client/Project
Jennison Transmission Solution Project
NYSEG CLCPA Program

213415070 REVA

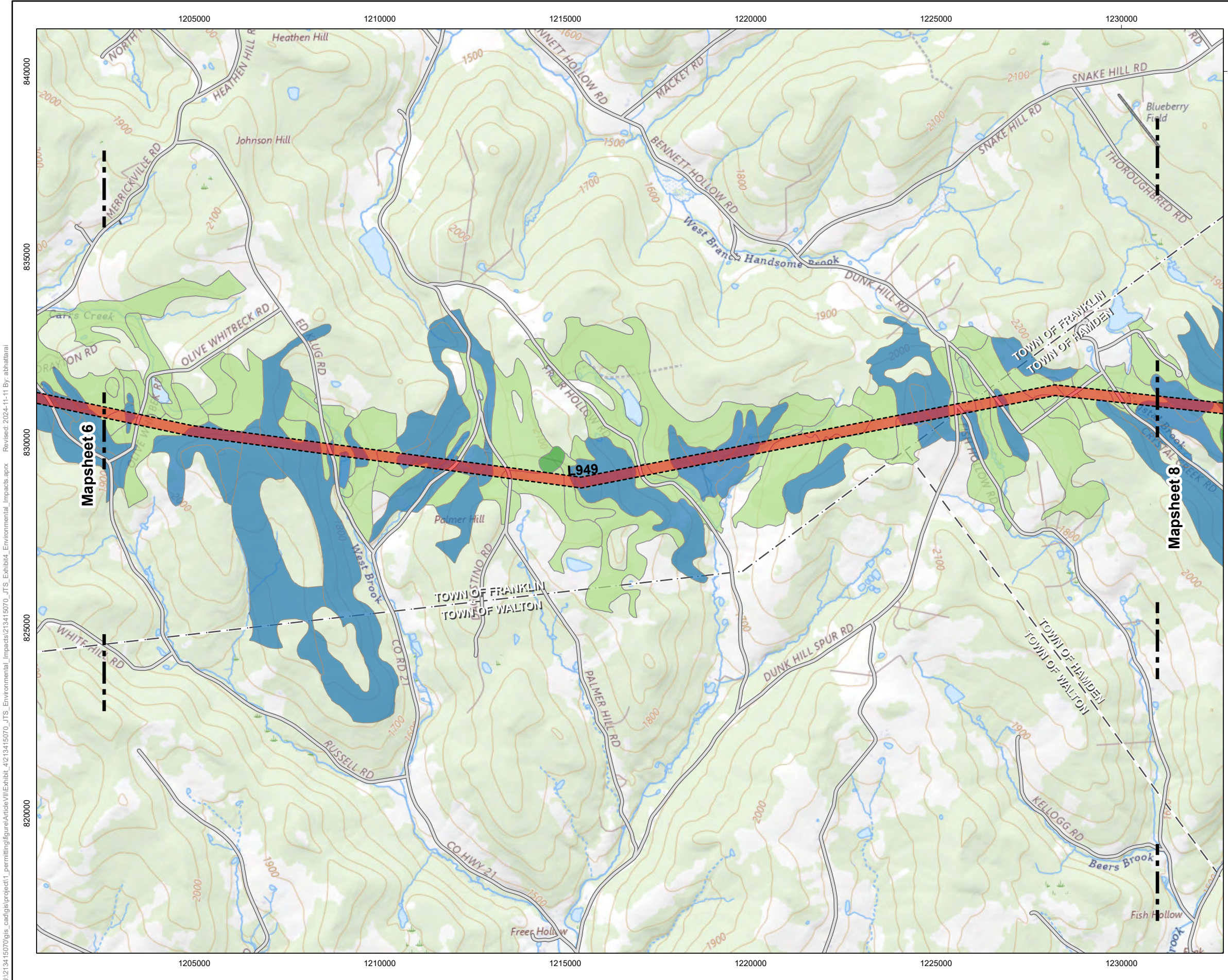
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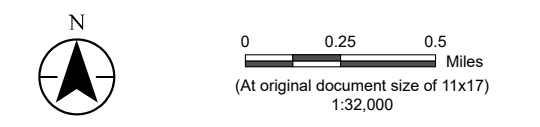
Title

**Soil Farmland Classification
Mapsheet 6 of 8**

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- Jennison Transmission Solution Project**
- Proposed Right-of-Way
- NRCS Soil Survey Geographic Database Farmland Classification**
- All Areas Are Prime Farmland
 - Farmland of Statewide Importance
 - Not Prime Farmland
- Mapsheet Match Line
 - City or Town Boundary
- Road or Highway**
- Local, Neighborhood, Rural or City Street



Notes
 1. Data Sources: see Figure 4-9 Mapsheet Index notes

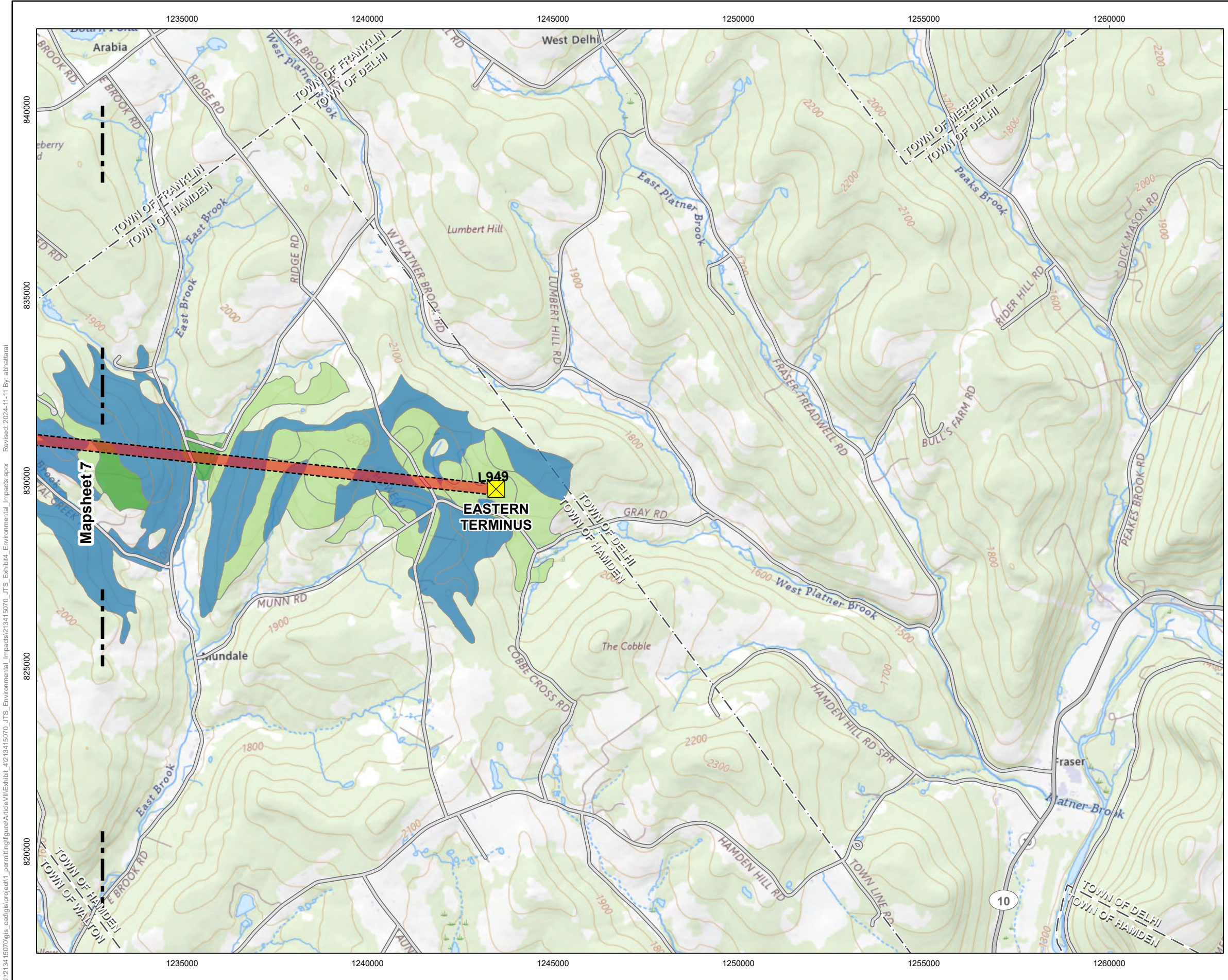
Project Location
 Chenango, Delaware, & Otsego Counties, NY

Client/Project
 Jennison Transmission Solution Project
 NYSEG CLCPA Program

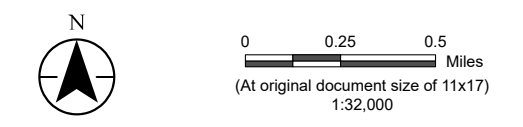
Figure No.
4-9

Title
Soil Farmland Classification
Mapsheet 7 of 8

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- Jennison Transmission Solution Project**
- Eastern Terminus
 - Proposed Right-of-Way
- NRCS Soil Survey Geographic Database Farmland Classification**
- All Areas Are Prime Farmland
 - Farmland of Statewide Importance
 - Not Prime Farmland
- Mapsheet Match Line
 - City or Town Boundary
- Road or Highway**
- Secondary State or County Highway
 - Local, Neighborhood, Rural or City Street



Notes
 1. Data Sources: see Figure 4-9 Mapsheet Index notes

Project Location
 Chenango, Delaware, & Otsego Counties, NY

Client/Project
 Jennison Transmission Solution Project
 NYSEG CLCPA Program

Prepared by
 AB on 2024-02-20
 TR by DG on 2024-07-31
 IR by BS on 2024-10-18

213415070 REVA

Figure No.
4-9

Title
Soil Farmland Classification
Mapsheet 8 of 8

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New York State Electric & Gas Corporation

Jennison Transmission Solution Project

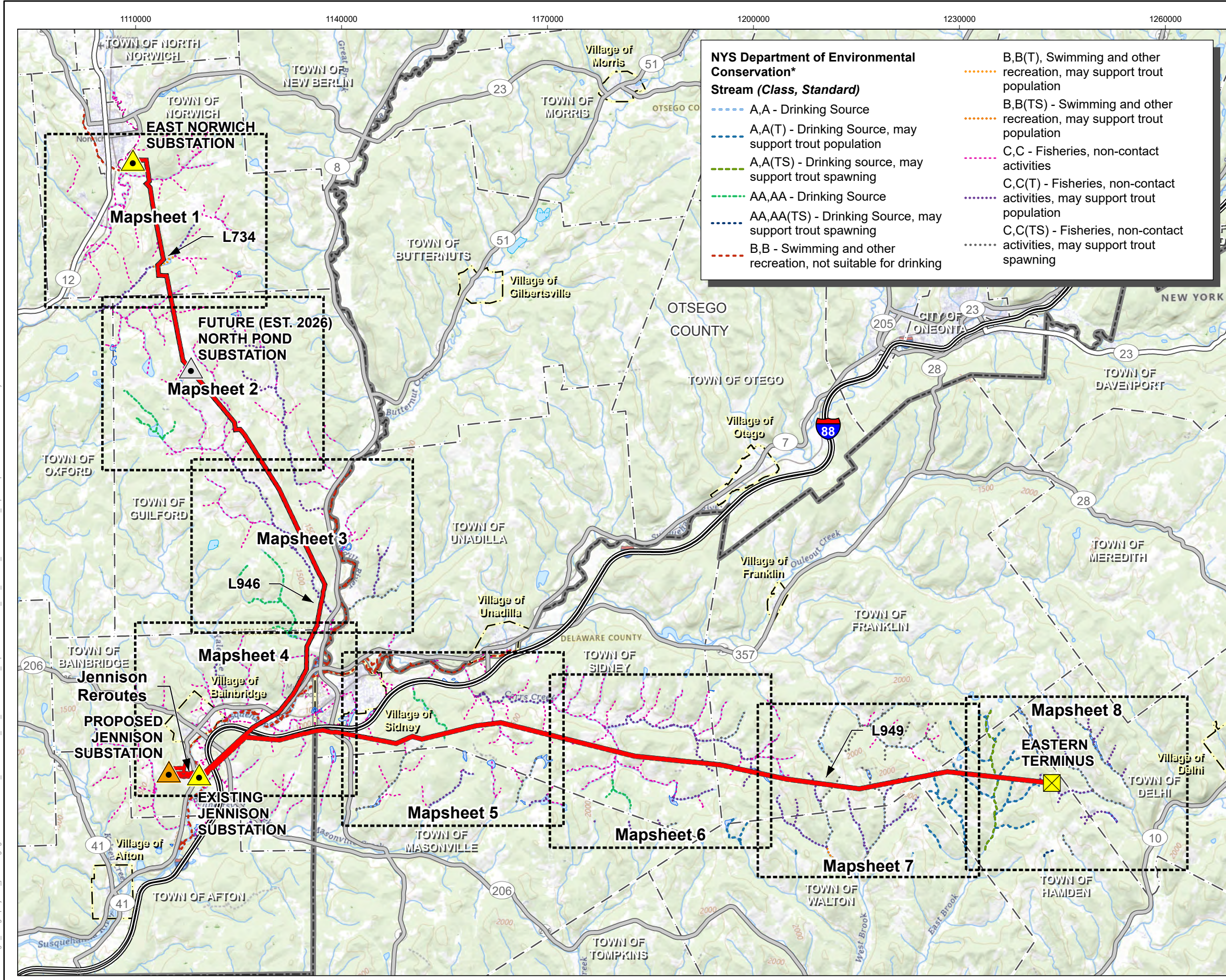
Exhibit 4

Environmental Impacts

Figure 4-10

NYSDEC Mapped Streams and Surface Waterbodies

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NYS Department of Environmental Conservation*

Stream (Class, Standard)

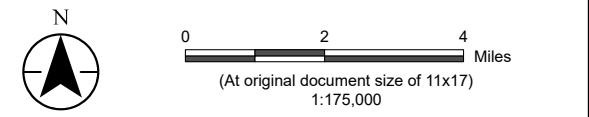
--- A,A - Drinking Source	B,B(T), Swimming and other recreation, may support trout population
--- A,A(T) - Drinking Source, may support trout population	B,B(TS) - Swimming and other recreation, may support trout population
--- A,A(TS) - Drinking source, may support trout spawning	C,C - Fisheries, non-contact activities
--- AA,AA - Drinking Source	C,C(T) - Fisheries, non-contact activities, may support trout population
--- AA,AA(TS) - Drinking Source, may support trout spawning	C,C(TS) - Fisheries, non-contact activities, may support trout spawning
--- B,B - Swimming and other recreation, not suitable for drinking	



- Jennison Transmission Solution Project**
- Eastern Terminus
 - Substation, Existing
 - Substation, Future
 - Substation, Proposed
 - Proposed Right-of-Way

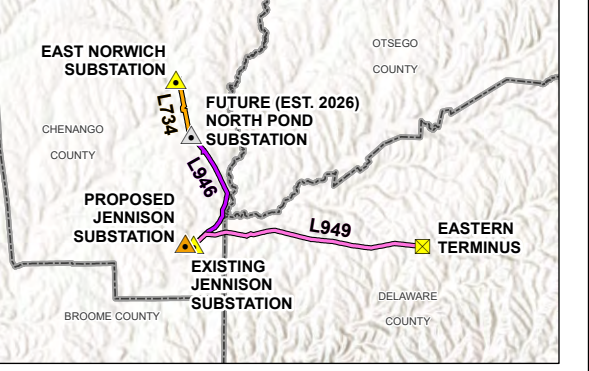
- NYS Department of Environmental Conservation***
- Freshwater Wetland
 - Lake or Pond
 - Swamp or Marsh
- National Hydrography Dataset**
- Lake or Pond
 - Swamp or Marsh
- Road or Highway**
- Interstate
 - U.S. or State Highway
 - Secondary State or County Highway
 - City or Town Boundary
 - County Boundary
 - Village Boundary
- Mapsheet Extent, 1:32,000 Scale

*NYSDEC hydrologic features shown within a 2-mile buffer of project ROW only



Notes

- Coordinate System: NAD 1983 StatePlane New York Central FIPS 3102 Feet
- Data Sources: NYSEG Data, 2024; NYSDEC Water Quality Classifications, 2019; NYSDEC State-Regulated Wetlands, 2022; USGS National Hydrography Dataset, 2024; Esri North American Detailed Streets, 2012; NYS OIS GIS Program Office Civil Boundaries, 2018
- Background: USGS Topo (The National Map): <https://basemap.nationalmap.gov/arcgis/rest/services/USGSTopo/MapServer>



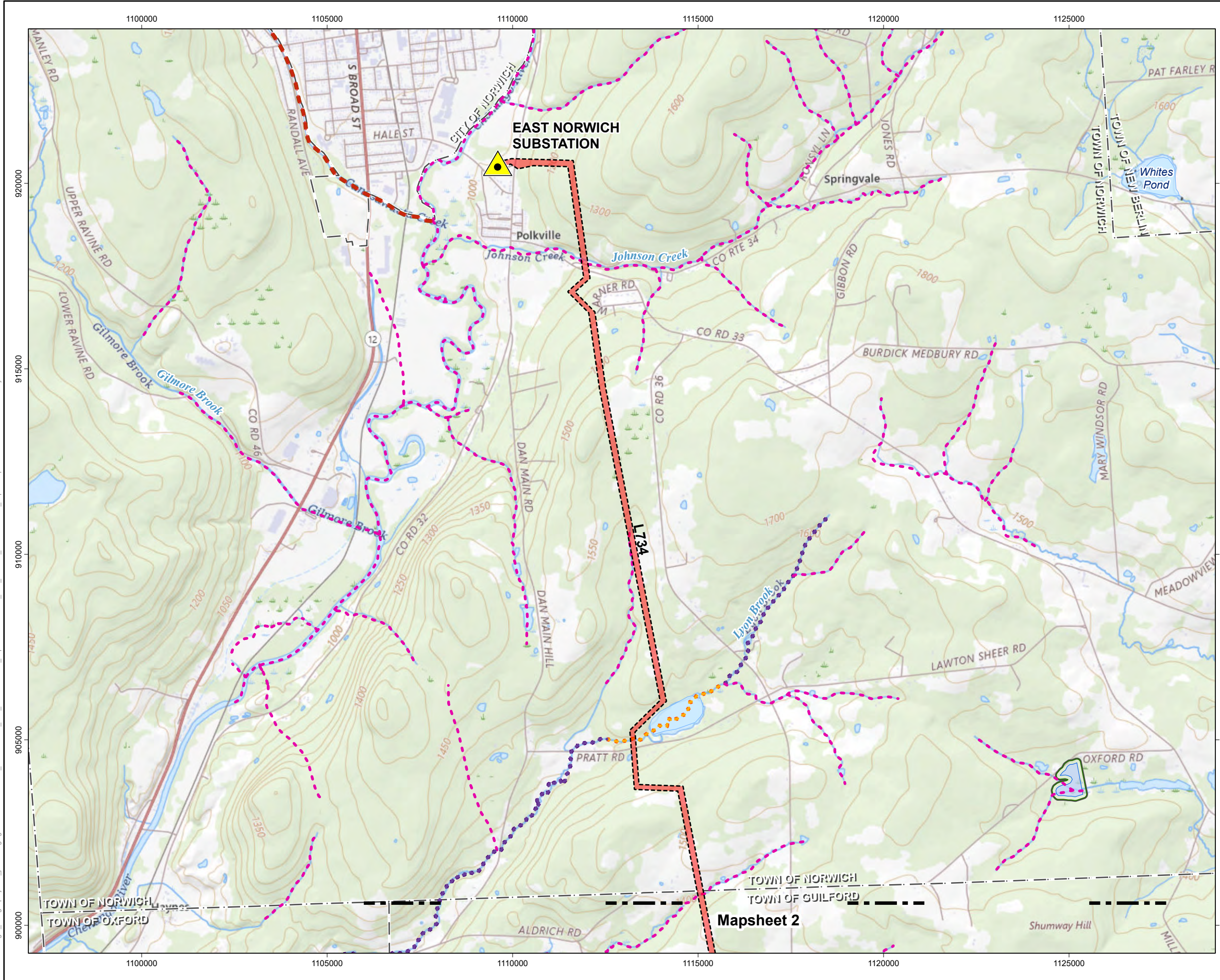
Project Location: Chenango, Delaware, & Otsego Counties, NY
 Prepared by AB on 2024-02-20
 TR by DG on 2024-07-31
 IR by BS on 2024-10-18

Client/Project: Jennison Transmission Solution Project
 NYSEG CLCPA Program

Figure No. **4-10**

Title: **NYSDEC Mapped Streams & Surface Waterbodies - Mapsheet Index**

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Jennison Transmission Solution Project

- Substation, Existing
- Proposed Right-of-Way

NYS Department of Environmental Conservation Stream (Class, Standard)

- B,B - Swimming and other recreation, not suitable for drinking
- B,B(T), Swimming and other recreation, may support trout population
- C,C - Fisheries, non-contact activities
- C,C(T) - Fisheries, non-contact activities, may support trout population
- Freshwater Wetland
- 100-ft Adjacent Area

National Hydrography Dataset

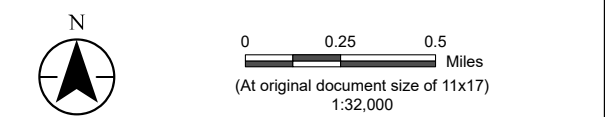
- Lake or Pond

Mapsheet Match Line

- City or Town Boundary

Road or Highway

- U.S. or State Highway
- Secondary State or County Highway
- Local, Neighborhood, Rural or City Street



Notes
 1. Data Sources: see Figure 4-10 Mapsheet Index notes

Project Location
 Chenango, Delaware, & Otsego Counties, NY

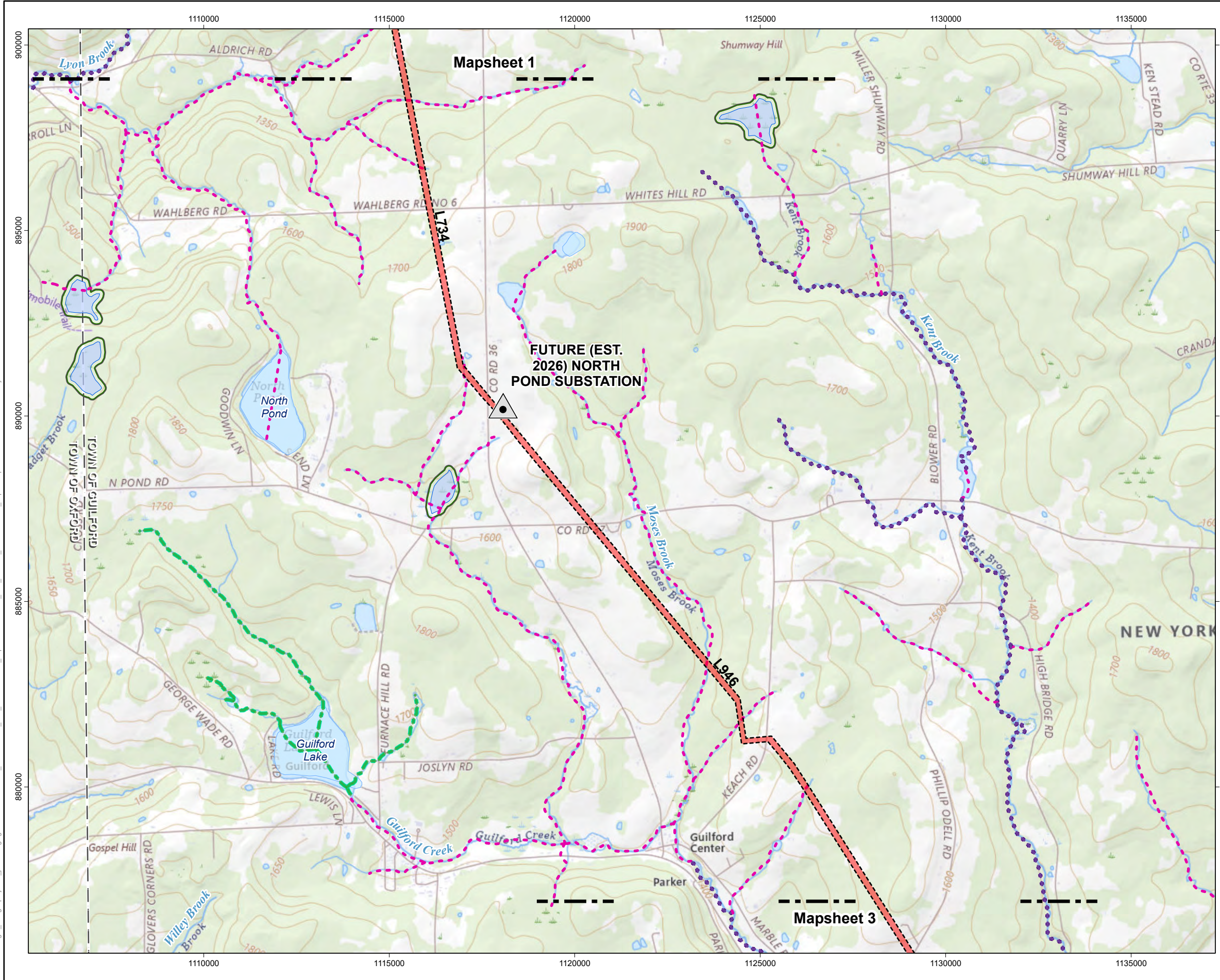
Client/Project
 Jennison Transmission Solution Project
 NYSEG CLCPA Program

Prepared by
 AB on 2024-02-20
 TR by DG on 2024-07-31
 IR by BS on 2024-10-18

213415070 REVA

Figure No.
4-10

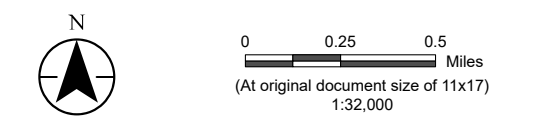
Title
NYSDEC Mapped Streams & Surface Waterbodies - Mapsheet 1 of 8



Jennison Transmission Solution Project

- Substation, Future
- Proposed Right-of-Way
- NYS Department of Environmental Conservation Stream (Class, Standard)**
- AA,AA - Drinking Source
- C,C - Fisheries, non-contact activities
- C,C(T) - Fisheries, non-contact activities, may support trout population
- Freshwater Wetland
- 100-ft Adjacent Area

- National Hydrography Dataset**
- Lake or Pond
- Mapsheet Match Line
- City or Town Boundary
- Road or Highway**
- Local, Neighborhood, Rural or City Street



Notes
 1. Data Sources: see Figure 4-10 Mapsheet Index notes

Project Location
 Chenango, Delaware, & Otsego Counties, NY

Client/Project
 Jennison Transmission Solution Project
 NYSEG CLCPA Program

Figure No.
4-10

Title
NYSDEC Mapped Streams & Surface Waterbodies - Mapsheet 2 of 8

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Jennison Transmission Solution Project

Proposed Right-of-Way

**NYS Department of Environmental Conservation
Stream (Class, Standard)**

- AA,AA - Drinking Source
- B,B - Swimming and other recreation, not suitable for drinking
- C,C - Fisheries, non-contact activities
- C,C(T) - Fisheries, non-contact activities, may support trout population
- C,C(TS) - Fisheries, non-contact activities, may support trout spawning

Freshwater Wetland

100-ft Adjacent Area

National Hydrography Dataset

Lake or Pond

Swamp or Marsh

Mapsheet Match Line

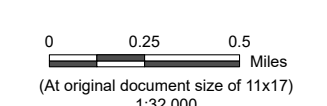
City or Town Boundary

County Boundary

Road or Highway

Secondary State or County Highway

Local, Neighborhood, Rural or City Street



Notes
1. Data Sources: see Figure 4-10 Mapsheet Index notes

Project Location: Chenango, Delaware, & Otsego Counties, NY
Prepared by AB on 2024-02-20
TR by DG on 2024-07-31
IR by BS on 2024-10-18

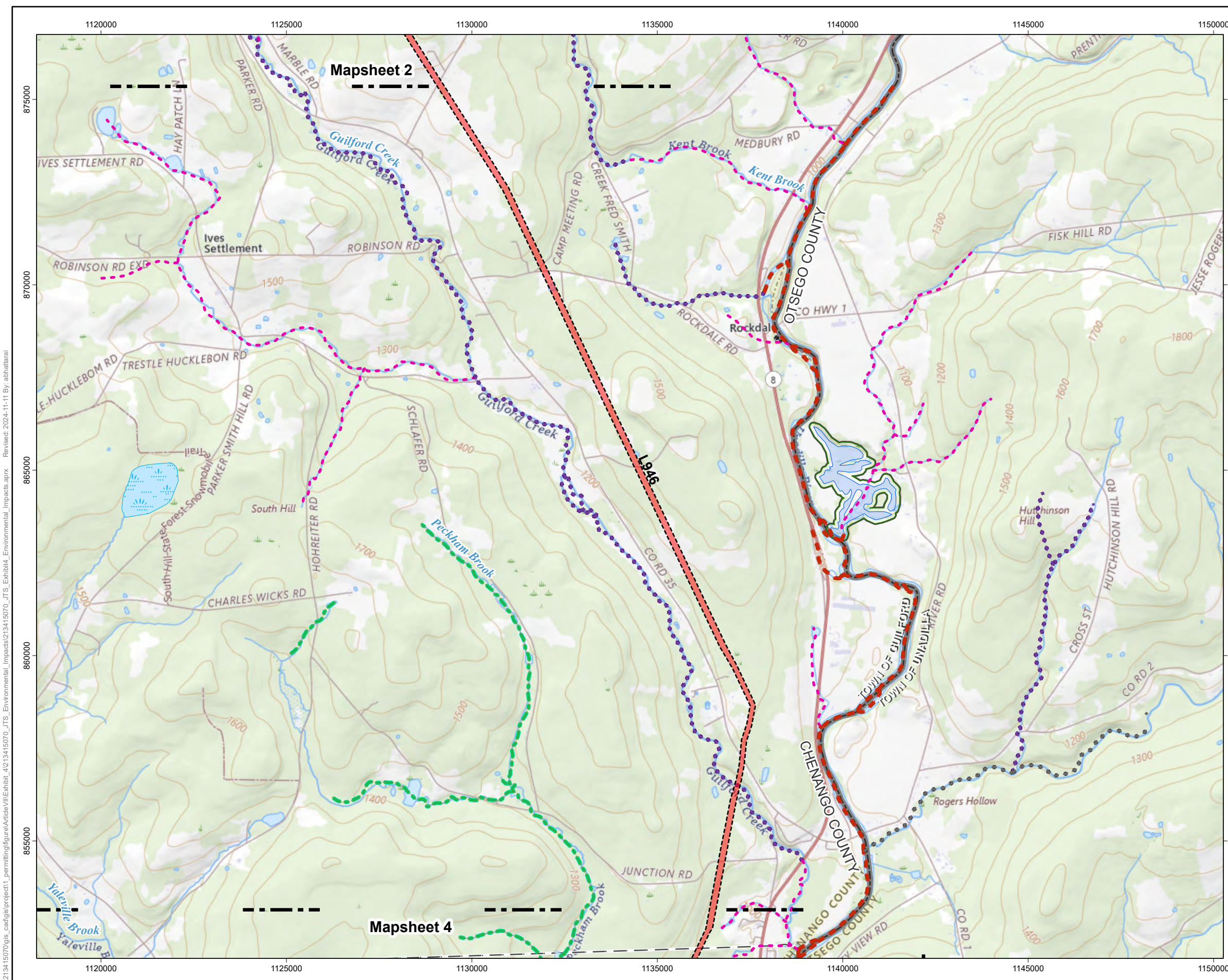
Client/Project: Jennison Transmission Solution Project
NYSEG CLCPA Program
213415070 REVA

Figure No.

4-10

Title

NYSDEC Mapped Streams & Surface Waterbodies - Mapsheet 3 of 8



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Jennison Transmission Solution Project

- Substation, Existing
- Substation, Proposed
- Proposed Right-of-Way

NYS Department of Environmental Conservation Stream (Class, Standard)

- AA,AA - Drinking Source
- B,B - Swimming and other recreation, not suitable for drinking
- C,C - Fisheries, non-contact activities
- C,C(T) - Fisheries, non-contact activities, may support trout population
- Freshwater Wetland
- 100-ft Adjacent Area

National Hydrography Dataset

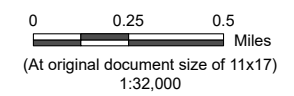
- Lake or Pond

Mapsheet Match Line

- City or Town Boundary
- County Boundary

Road or Highway

- Interstate
- Secondary State or County Highway
- Local, Neighborhood, Rural or City Street
- Village Boundary



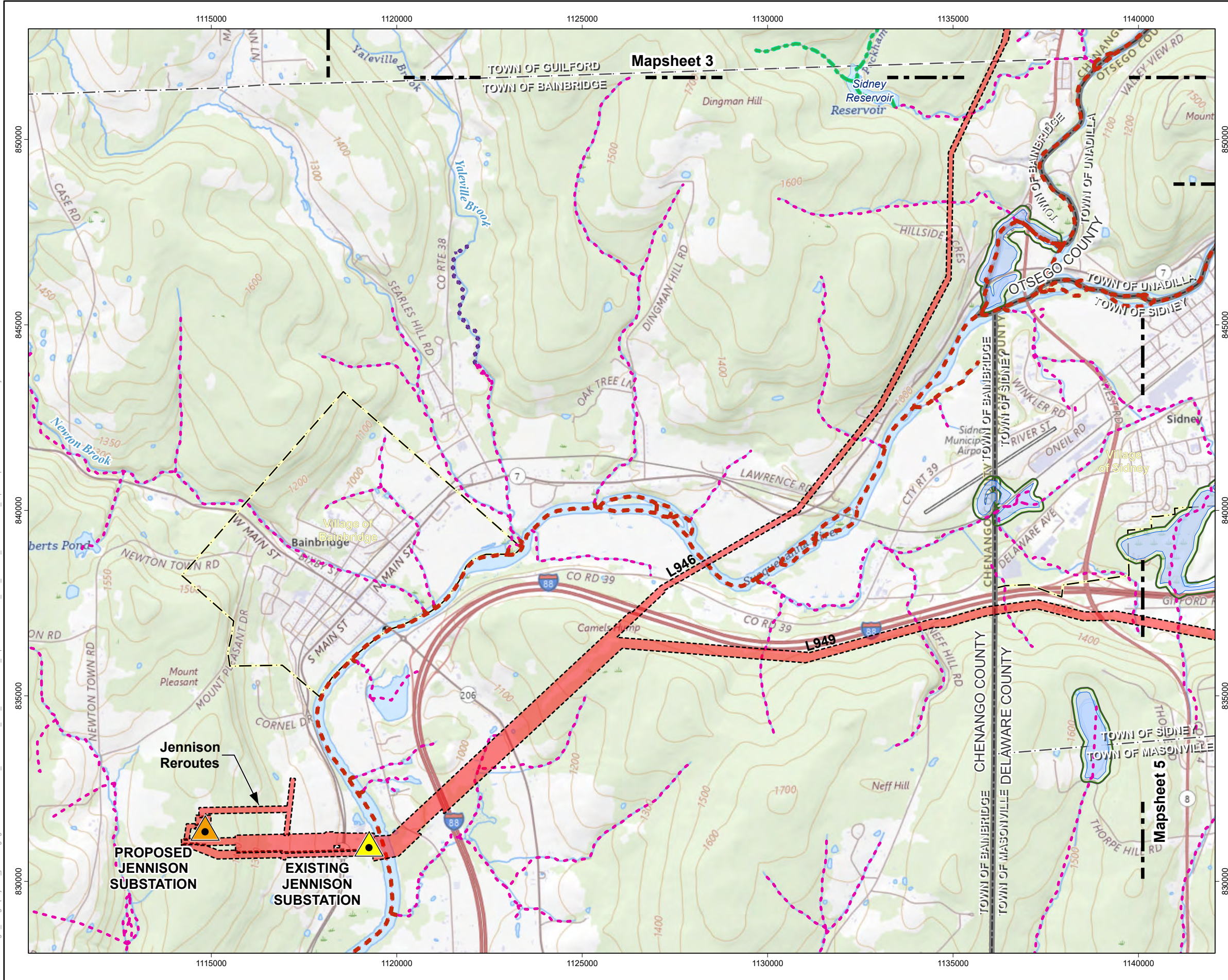
Notes
1. Data Sources: see Figure 4-10 Mapsheet Index notes

Project Location: Chenango, Delaware, & Otsego Counties, NY
Prepared by AB on 2024-02-20
TR by DG on 2024-07-31
IR by BS on 2024-10-18

Client/Project: Jennison Transmission Solution Project
NYSEG CLCPA Program
213415070 REVA

Figure No. **4-10**

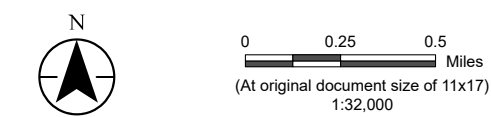
Title: **NYSDEC Mapped Streams & Surface Waterbodies - Mapsheet 4 of 8**



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Jennison Transmission Solution Project

- Proposed Right-of-Way
- NYS Department of Environmental Conservation Stream (Class, Standard)**
- AA,AA - Drinking Source
- B,B - Swimming and other recreation, not suitable for drinking
- C,C - Fisheries, non-contact activities
- C,C(T) - Fisheries, non-contact activities, may support trout population
- C,C(TS) - Fisheries, non-contact activities, may support trout spawning
- Freshwater Wetland
- 100-ft Adjacent Area
- National Hydrography Dataset**
- Lake or Pond
- Mapsheet Match Line
- City or Town Boundary
- County Boundary
- Road or Highway**
- Interstate
- Secondary State or County Highway
- Local, Neighborhood, Rural or City Street
- 4WD Route
- Village Boundary

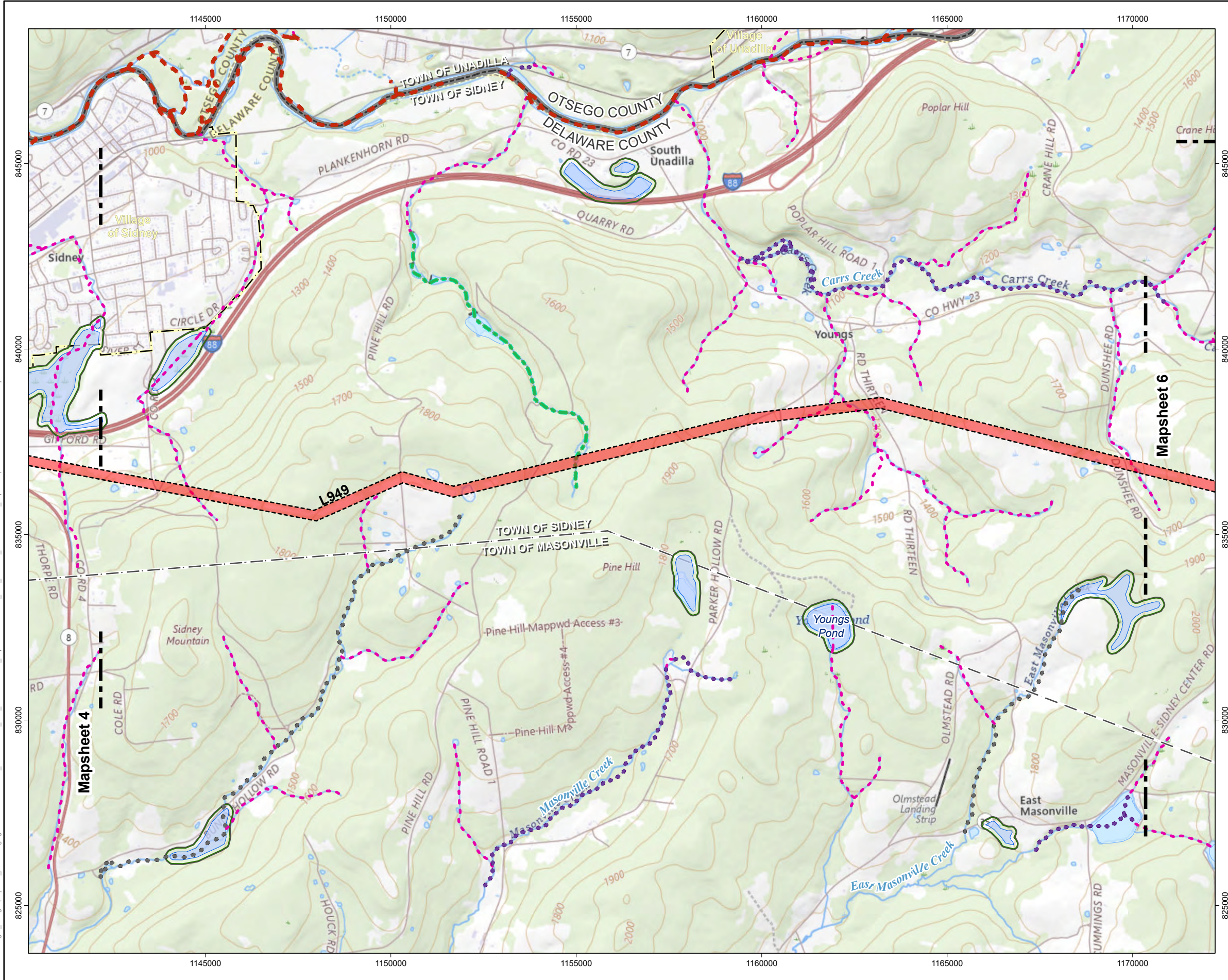


Notes
1. Data Sources: see Figure 4-10 Mapsheet Index notes

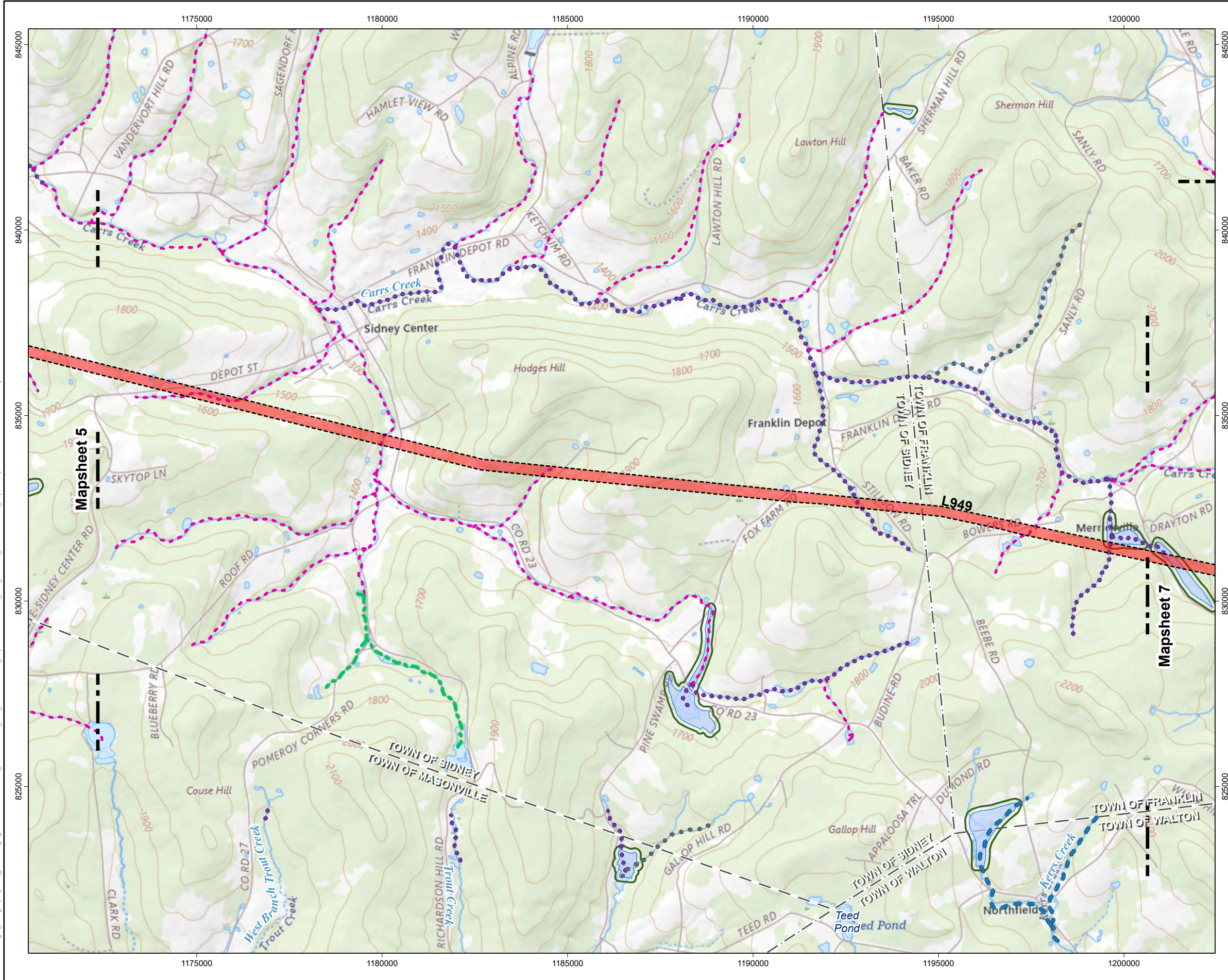
Project Location: Chenango, Delaware, & Otsego Counties, NY
Prepared by AB on 2024-02-20
TR by DG on 2024-07-31
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Client/Project: Jennison Transmission Solution Project
NYSEG CLCPA Program
213415070 REVA

Figure No. **4-10**
Title **NYSDEC Mapped Streams & Surface Waterbodies - Mapsheet 5 of 8**



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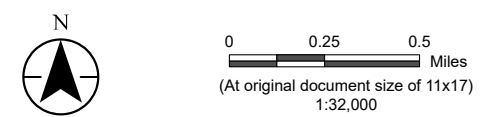


Jennison Transmission Solution Project

- Proposed Right-of-Way

- NYS Department of Environmental Conservation Stream (Class, Standard)**
- A,A(T) - Drinking Source, may support trout population
- AA,AA - Drinking Source
- C,C - Fisheries, non-contact activities
- C,C(T) - Fisheries, non-contact activities, may support trout population
- C,C(TS) - Fisheries, non-contact activities, may support trout spawning
- Freshwater Wetland
- 100-ft Adjacent Area

- National Hydrography Dataset**
- Lake or Pond
- Mapsheet Match Line
- City or Town Boundary
- Road or Highway**
- Local, Neighborhood, Rural or City Street



Notes
 1. Data Sources: see Figure 4-10 Mapsheet Index notes

Project Location
 Chenango, Delaware, & Otsego Counties, NY

Client/Project
 Jennison Transmission Solution Project
 NYSEG CLCPA Program

Prepared by
 AB on 2024-02-20
 TR by DG on 2024-07-31
 IR by BS on 2024-10-18

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Figure No.
4-10

Title
NYSDEC Mapped Streams & Surface Waterbodies - Mapsheet 6 of 8

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Jennison Transmission Solution Project

Proposed Right-of-Way

**NYS Department of Environmental Conservation
Stream (Class, Standard)**

- A,A(T) - Drinking Source, may support trout population
- B,B(TS) - Swimming and other recreation, may support trout population
- C,C - Fisheries, non-contact activities
- C,C(T) - Fisheries, non-contact activities, may support trout population
- C,C(TS) - Fisheries, non-contact activities, may support trout spawning

- Freshwater Wetland
- 100-ft Adjacent Area

National Hydrography Dataset

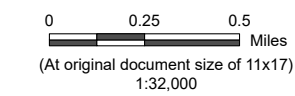
- Lake or Pond

Mapsheet Match Line

City or Town Boundary

Road or Highway

- Local, Neighborhood, Rural or City Street



Notes
1. Data Sources: see Figure 4-10 Mapsheet Index notes

Project Location
Chenango, Delaware, & Otsego Counties, NY

Prepared by
AB on 2024-02-20
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IR by BS on 2024-10-18

Client/Project
Jennison Transmission Solution Project
NYSEG CLCPA Program

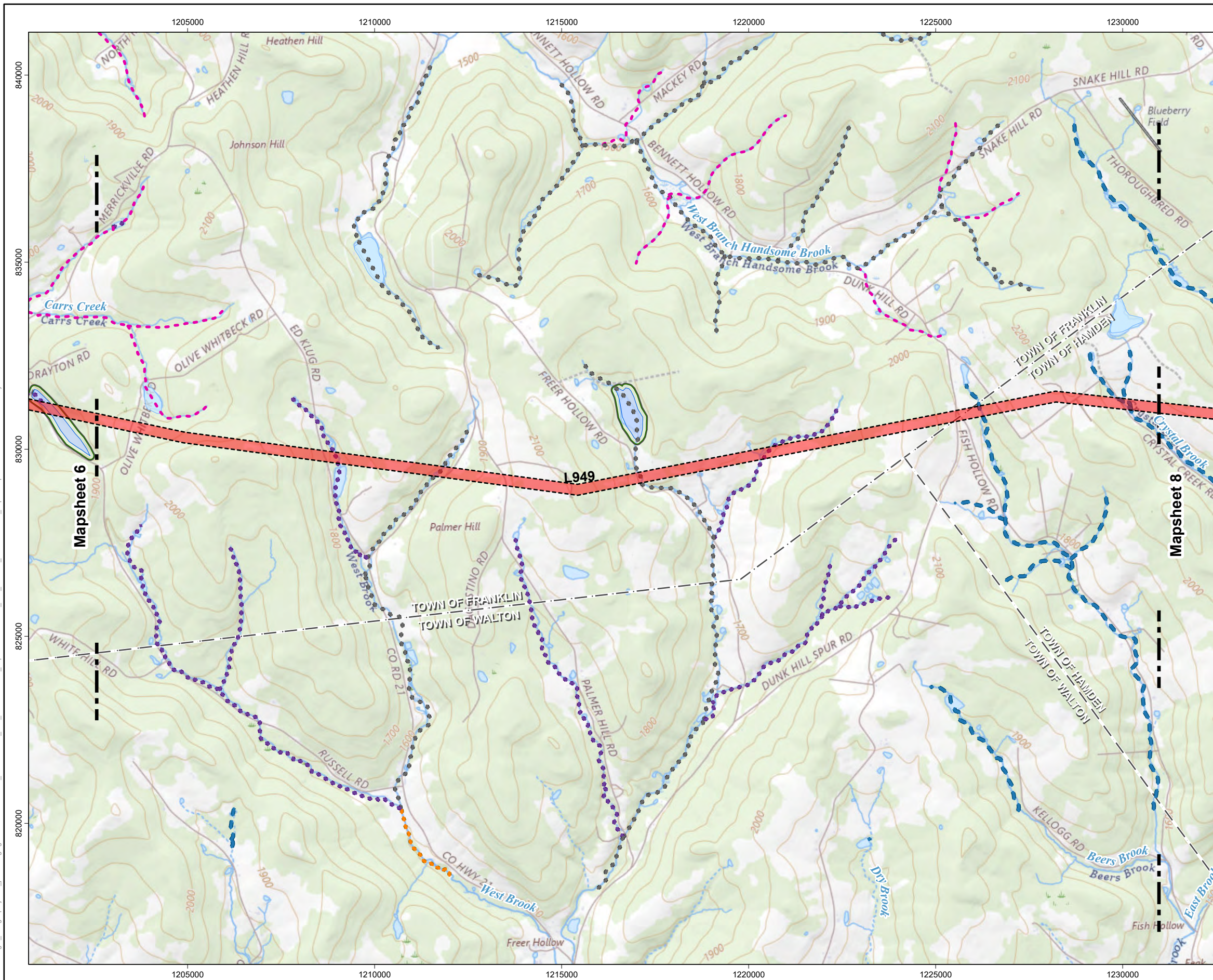
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Figure No.

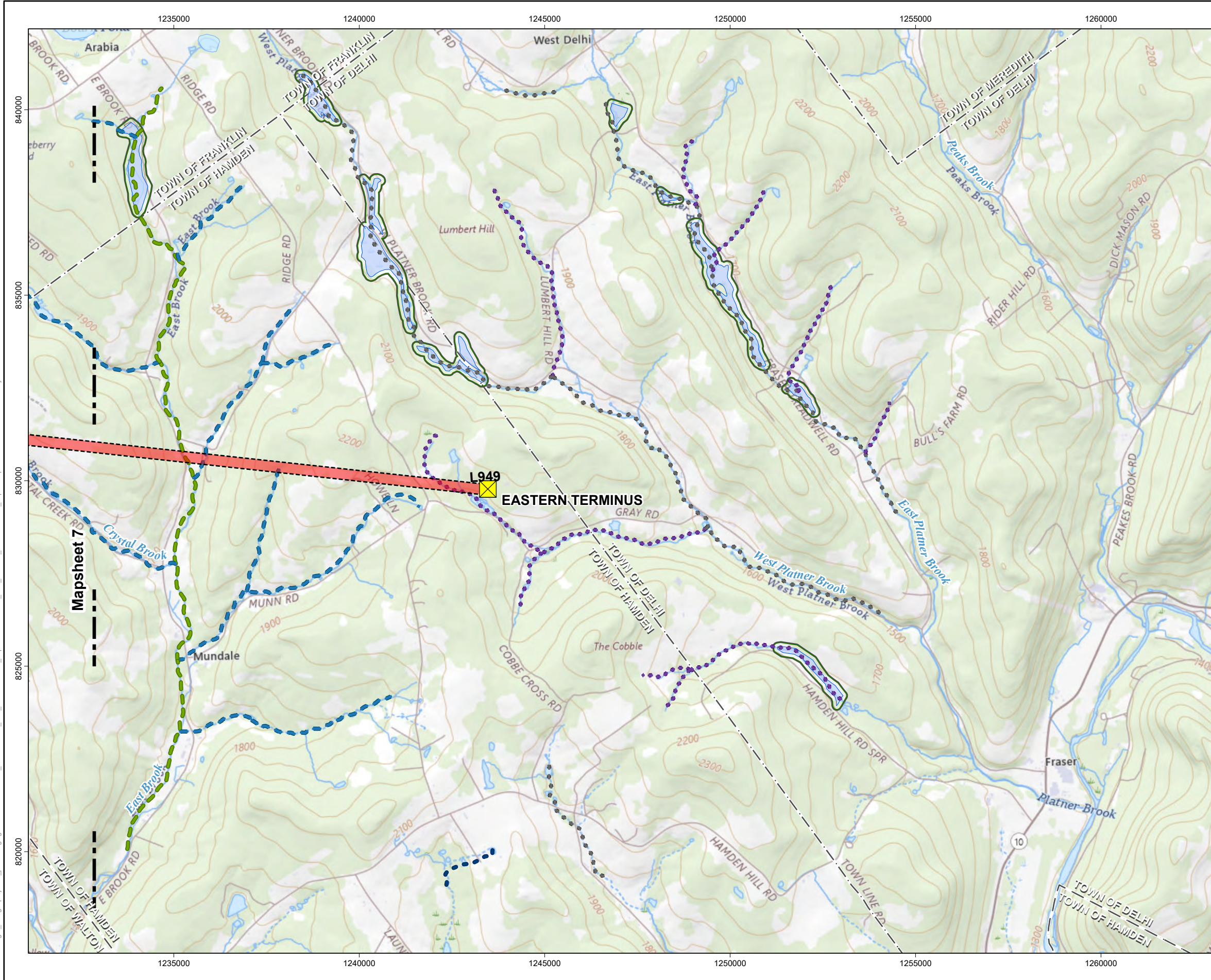
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Title

NYSDEC Mapped Streams & Surface Waterbodies - Mapsheet 7 of 8



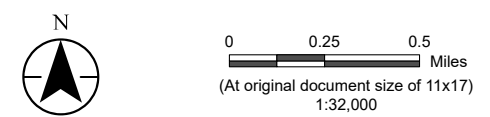
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Jennison Transmission Solution Project

- Eastern Terminus
 - Proposed Right-of-Way
- NYS Department of Environmental Conservation Stream (Class, Standard)**
- A,A(T) - Drinking Source, may support trout population
 - A,A(TS) - Drinking source, may support trout spawning
 - AA,AA(TS) - Drinking Source, may support trout spawning
 - C,C(T) - Fisheries, non-contact activities, may support trout population
 - C,C(TS) - Fisheries, non-contact activities, may support trout spawning
 - Freshwater Wetland
 - 100-ft Adjacent Area

- National Hydrography Dataset**
- Lake or Pond
 - Mapsheet Match Line
 - City or Town Boundary
- Road or Highway**
- Secondary State or County Highway
 - Local, Neighborhood, Rural or City Street



Notes
 1. Data Sources: see Figure 4-10 Mapsheet Index notes

Project Location: Chenango, Delaware, & Otsego Counties, NY
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Client/Project: Jennison Transmission Solution Project
 NYSEG CLCPA Program
 213415070 REVA

Figure No. **4-10**
 Title

NYSDEC Mapped Streams & Surface Waterbodies - Mapsheet 8 of 8

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