New York State Electric & Gas Corporation Jennison Transmission Solution Project

Exhibit 2

Location of Facilities

Part 1 of 7

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EXHIBIT 2: LOCATION OF FACILITIES

2.1 General Description of Facilities

The Project¹ is the Applicant's proposal to rebuild and relocate the Jennison Substation in the Town of Bainbridge, Chenango County, including re-routing several transmission and subtransmission lines from the substation's present location to its new location; rebuild Line 946 primarily within existing ROW through the Towns of Bainbridge, Guilford and Norwich in Chenango County, from the Proposed Jennison Substation to the East Norwich Substation in the Town of Norwich, including connecting the rebuilt line to the North Pond Substation in the Town of Guilford; and rebuild Line 949 entirely within existing ROW through the Town of Bainbridge in Chenango County and the Towns of Sidney, Franklin and Hamden in Delaware County, from the Proposed Jennison Substation to the Eastern Terminus in the Town of Hamden.

The Proposed Jennison Substation will be relocated and rebuilt approximately 0.9 mile west of the Existing Jennison Substation on an approximately 61-acre parcel currently owned by the Applicant in the Town of Bainbridge, Chenango County. The Proposed Jennison Substation will measure approximately 4.6 acres in size and the station's construction will include the construction of an approximately 0.5-mile-long access road connecting to Mount Pleasant Road.

An approximately 1.9-acre area will require permanent grading and clearing just north of the Proposed Jennison Substation. This area will be used for soil and spoils management. Suitable topsoil (free of organics and roots) will be temporarily stockpiled and screened. The native soil will be stockpiled to be reused as a new topsoil layer in landscaped areas and as the general embankment of the substation yard (not immediately below or as backfill adjacent to foundations). After all yard and landscaping work is completed, the excess of both kinds of soils will be permanently settled in this area.

Two transmission line ROW connector corridors totaling approximately 1.8 miles in length will be built to connect the Existing Lines to the Proposed Jennison Substation and will require approximately 0.6 mile of New ROW.

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For clarity and consistency, the Application includes a Master Glossary of Terms that defines terms and acronyms used throughout the Application.

The Applicant expects that, before construction begins on the Project, the North Pond Substation in the Town of Guilford, Chenango County will be constructed, placed into service and transferred to the Applicant, connecting the High Bridge Wind Farm, an approximately 100 MW (nameplate) wind farm, to the Applicant's system. The Applicant will own and operate the North Pond Substation upon it being placed in service. The North Pond Substation will connect to Existing Line 946 in the Town of Guilford at a point approximately 6.7 miles south of the East Norwich Substation. It will be located on the east side of County Road 36, north of the intersection of that road and North Pond Road/County Road 37. At the time the North Pond Substation is placed in service, the Applicant intends to renumber the portion of Existing Line 946 between the North Pond Substation and the East Norwich Substation as Line 734. Thus, upon its completion, the North Pond Substation will be connected initially to Existing Line 946 running south and Line 734 running north. Then, upon the rebuilding of those lines as part of the Project, the North Pond Substation will be connected to Proposed Lines 946 and 734.

Proposed Line 734 will be approximately 6.7 miles long, beginning at East Norwich Substation in the Town of Norwich and terminating at the North Pond Substation in the Town of Guilford. Proposed Line 946 will be approximately 14.7 miles long, beginning at the North Pond Substation and terminating at the Proposed Jennison Substation in the Town of Bainbridge. Proposed Line 949 will be approximately 25.4 miles long, beginning at the Proposed Jennison Substation and terminating at the Eastern Terminus in the Town of Hamden.

Portions of Existing Lines 946 and 949 and of six other transmission and sub-transmission lines that currently connect to the Existing Jennison Substation will be relocated/rebuilt to connect to the Proposed Jennison Substation. These lines are:

- Line 946: 0.90 mile 115kV
- Line 949: 0.93 mile 115kV
- Line 943: 0.13 mile 115kV
- Line 954: 0.49 mile 115kV
- Line 919: 0.08 mile 115kV
- Line 756: 0.07 mile 115kV

• Line 818: 0.48 mile – 46kV

• Line 823: 1.06 miles – 46kV

The total length of new 115kV transmission lines that will be constructed to rebuild and relocate

existing lines in the Project is approximately 47.5 miles.

2.1.1 *Proposed Line 734*

The route of Proposed Line 734 is approximately 6.7 miles long and predominantly within Existing

ROW currently being utilized by Existing Line 946. It begins at the East Norwich Substation in

the Town of Norwich, Chenango County, crossing County Road 32 and heading east for

approximately 0.4 mile. On this eastward segment of the line, the New ROW expands the Existing

ROW in order to route the line south of a residential structure located on the Existing ROW. This

portion of the Proposed ROW crosses a tributary to the Chenango River.

Proposed Line 734 then turns south for approximately 0.6 mile. This portion of the Proposed ROW

crosses Johnson Creek, an NWI-mapped stream, and a tributary to Johnson Creek, County Road

34 and County Road 33. For about 0.2 mile south of County Road 33, the New ROW expands the

Existing ROW to the west to avoid a residential structure.

Proposed Line 734 then continues south for approximately 2.0 mile, crossing one NWI-mapped

wetland, two NWI-mapped streams, and three agricultural areas. New ROW then again expands

the Existing ROW for approximately 0.7 mile to the west of Glenn Lake, crossing Pratt Road to

avoid the lake and a residential structure just south of it on the Existing ROW.

The route then returns to the Existing ROW and continues south for approximately 2.7 miles,

crossing three NWI-mapped streams, four agricultural areas and County Road 36 before

terminating at the North Pond Substation in the Town of Guilford, Chenango County.

An additional 30 feet of New ROW is proposed along the entire length of Proposed Line 734. The

width of the Proposed ROW will be between 100 and 130 feet except for the rerouted portions of

the line, where a 100-foot ROW is proposed. This is in accordance with guidance from the

Commission on standards for ROW width, and what is required to rebuild the line at an offset of

the Existing Line.

2.1.2 Proposed Line 946

The route of Proposed Line 946 is approximately 14.7 miles long and lies predominantly within the Existing ROW between the North Pond Substation in the Town of Guilford and the Proposed Jennison Substation in the Town of Bainbridge, Chenango County. The route for Proposed Line 946 begins in Existing ROW at the future site of the North Pond Substation and continues southeast for approximately 2.2 miles, crossing County Road 37, two agricultural areas and two NWI-mapped streams.

Just west of Keach Road, New ROW expands the Existing ROW to the west for approximately 0.3 mile to avoid a residential structure located on the Existing ROW. The Proposed ROW then returns to the Existing ROW and continues southeast for approximately 4.9 miles, crossing one NWI-mapped stream and one NWI-mapped wetland, 12 agricultural areas, Phillip Odell Road, Camp Meeting Road, and Rockdale Road.

Proposed Line 946 then turns south and continues for approximately 1.2 miles, crossing County Road 35, one NWI-mapped stream and Junction Road. South of Junction Road, New ROW expands the Existing ROW to the west for approximately 1.3 miles to avoid a site on the Existing ROW that is currently being used for industrial mining and logging operations. This portion of the Proposed ROW crosses two NWI-mapped streams and Hillside Acres Drive.

The route then continues southwest on the Existing ROW for approximately 4.1 miles, crossing an NWI-mapped stream, Lawrence Road, a CP ROW, State Highway 7, the Susquehanna River (an NWI-mapped river), County Road 39, Interstate 88, State Highway 206, two NWI-mapped wetlands, Interstate 88 (for a second time), County Road 39 (for a second time) and the Susquehanna River (for a second time).

The Existing Jennison Substation is immediately west of the Susquehanna River. A temporary bypass will be used to keep the line energized during deconstruction of the Existing Substation. It begins just east of the Susquehanna River at an existing structure and extends southwest, crossing the river and double circuiting with the temporary bypass of Line 949 before turning north and ending at proposed structure 946/119. From the Susquehanna River, the route continues west for approximately 0.9 mile, crossing the CP ROW and State Highway 7 for a second time before terminating at the Proposed Jennison Substation in the Town of Bainbridge. The extension of Proposed Line 946 in this area

between the Existing Jennison Substation and the Proposed Jennison Substation will use the Existing ROW of Existing Line 943. About 500 feet to the west of State Highway 7, the route diverts north in the Existing ROW to avoid a residential structure.

An additional 30 feet of New ROW is proposed along the entire length of Proposed Line 946. The width of the Proposed ROW will be between 100 and 130 feet except for the rerouted portions of the line, where a 100-foot ROW is proposed. This is in accordance with guidance from the Commission on standards for ROW width, and what is required to rebuild the line at an offset of the Existing Line. Additionally, between proposed structures 946/57 and 946/64, the Proposed Line crosses the Existing Line several times. The Proposed ROW will maintain a 100-foot offset and Existing ROW will be relinquished to avoid encroachments in the Existing ROW.

2.1.3 Proposed Jennison Substation

The Proposed Jennison Substation will be built approximately 0.9 mile west of the Existing Jennison Substation in the Town of Bainbridge, outside of the FEMA SFHA that the Existing Jennison Substation is currently within. The Proposed Substation will measure approximately 4.6 acres in size and will be built on forested land that will require clearing and grading. Approximately 0.9 acres of additional clearing and grading will be needed for permanent stormwater facilities for the Proposed Substation, and approximately 1.9 acres of additional clearing and grading will be required for a soil stockpile area just north of the Proposed Substation. The Project also includes the construction of an approximately 0.5-mile access road running north-south from Mount Pleasant Road to the Proposed Jennison Substation, which will be built on undeveloped forested land that will require approximately 1.4 acres of clearing and grading.

2.1.4 Proposed Reroutes

Existing Line 919 will be divided at the Proposed Jennison Substation parcel into Proposed Line 756 (west) and Proposed Line 919 (east). Four new structures will be constructed withing the Existing ROW and the lines will route straight for 0.2 mile north into and terminating at the Proposed Jennison Substation.

The route of Proposed Line 954 is approximately 0.5 mile long and lies predominantly within the Existing ROW, between the Proposed Jennison Substation and the Existing Jennison Substation. The route of Proposed Line 954 begins approximately 0.3 mile west of State Highway 7 and continues west for approximately 0.4 mile, before heading north for approximately 0.1 mile into the Proposed Jennison Substation. The extension of Proposed Line 954 in this area will primarily use the Existing ROW for Existing Line 919 between Proposed Jennison Substation and Existing Jennison Substation, but New ROW will be needed to expand into the narrow, undeveloped strip of land between the Existing ROW of Existing Lines 919 and 943.

The route of Proposed Line 943 is approximately 0.2 mile long and lies predominantly within New ROW, just west of the Proposed Jennison Substation in the Town of Bainbridge. The ROW for Proposed Line 943 begins at the tie-in point with Existing Line 943, continues north for approximately 475 feet, then heads east for 210 feet. The easternmost approximately 0.9 mile of Existing Line 943 will be removed.

The route of Proposed Lines 818 and 823 is approximately 0.5 mile long and lies predominantly within New ROW, between the Proposed Jennison Substation and the Existing Jennison Substation. The ROW for Proposed Lines 818 and 823 begins at the Proposed Jennison Substation and continues north for 265 feet, before heading east for approximately 0.5 mile.

2.1.5 **Proposed Line 949**

The route of Proposed Line 949 is approximately 25.4 miles long and lies wholly within the Existing ROW shared by Existing Line 949 and Existing Line 919 between the Proposed Jennison Substation in the Town of Bainbridge, Chenango County and the Eastern Terminus in the Town of Hamden, Delaware County. The route begins at the Proposed Jennison Substation and continues east for approximately 0.9 mile, crossing a CP ROW, State Highway 7, and the Susquehanna River. The extension of Proposed Line 949 in this area between the Proposed Jennison Substation and the Existing Jennison Substation will use the Existing ROW of Existing Lines 919, 954 and 943.

From the Susquehanna River, the route continues northeast for approximately 1.5 miles, crossing two NWI-mapped wetlands, County Road 39, Interstate 88 and State Route 206. Proposed Line 949 then continues generally east, paralleling Interstate 88 for approximately 2.6 miles and crossing two NWI-mapped streams.

Proposed Line 949 continues east for approximately 1.9 miles, crossing two agricultural areas. Approximately 0.3 mile west of Pine Hill Road, the Proposed Line 949 ties into the existing Tap to Sidney-Railroad Substation before continuing east to Pine Hill Road. East of Pine Hill Road, Proposed Line 949 continues northeast for approximately 2.5 miles, crossing three NWI-mapped wetlands and one NWI-mapped stream, one agricultural area, Parker Hollow Road, and County Road 13.

Just east of County Road 13, the route continues southeast for approximately 10.1 miles, crossing 20 agricultural areas, three NWI-mapped wetlands and two NWI-mapped streams, DEC wetland FR-7, Dunshee Road, County Road 35, County Road 23, County Highway 23, Fox Farm Road, Stillson Road, Bowers Road, Russell Road, Olive Whitbeck Road, Ed Klug Road, and County Highway 21.

Just east of County Highway 21, the route turns northeast for approximately 2.5 miles, crossing six agricultural areas, one NWI-mapped stream, Palmer Hill Road, Freer Hollow Road, Dunk Hill Road, Fish Hollow Road, and Debbie Lane.

Just west of Crystal Creek Road the route then turns southeast and continues approximately 2.9 miles, crossing seven agricultural areas, four NWI-mapped streams, Crystal Creek Road, East Brook Road, and Ridge Road before terminating at the Eastern Terminus in the Town of Hamden.

To keep Line 949 energized, it will be necessary to use temporarily rerouted lines for portions of the Project while construction activities are performed. This will allow for rebuilding of the transmission line structures at an offset of the existing centerline, as ROW constraints do not allow for a permanent 35-foot centerline offset without a temporary reroute. A temporary bypass that is shared with Proposed Line 946 begins at the Existing Jennison Substation at proposed structure 949/1-13 and extends east for approximately 0.2 mile adjacent to an existing structure. Another temporary bypass begins just north of proposed structure 949/20 and continues east for approximately 3.6 miles, ending just north of proposed structure 949/50. The third temporary bypass begins just north of proposed structure 949/114 and extends east for approximately 0.7 mile to proposed structure 949/120.

The ROW of Existing Line 949 conforms to the standard 100-foot width and no ROW expansion is needed.

2.2 Location Maps

2.2.1 New York State Department of Transportation Location Maps

The general location of the Project is shown in Figure 2-1, which is based on a NYSDOT 1:24,000 topographic map. Figure 2-1 covers an area of at least 5 miles around the Project ROW and depicts where the construction of the Project will occur and the location of any known archaeological, geologic, historical or scenic areas or parks or untouched wilderness on or within 3 miles of the Project ROW.

2.2.2 Regional Transmission System Map

Figure 2-2, Regional Transmission System Map (scale 1:250,000), shows the relationship of the Proposed Lines to NYSEG's overall transmission systems with respect to: (i) the location of the Proposed Lines and of any nearby existing transmission line(s); (ii) the location and function of any structure to be built on, or near, the Project ROW; (iii) the location and designation of each point of connection between an existing facility and the Proposed Lines; and (iv) nearby, crossing or connecting ROW or facilities of other utilities.

2.2.3 Aerial Location of Proposed Facilities

Figure 2-3 provides aerial photographs showing at least 1,200-linear feet on each side of the Project ROW. The aerial photographs show all natural and cultural features, and they include overlays: (i) clearly identifying the Project ROW; (ii) showing where the construction of the Project would necessitate permanent clearing or other changes to the topography, vegetation or man-made structures; (iii) showing the location of existing access and maintenance routes; and (iv) showing the location of the Proposed Lines within the Project ROW. The ortho-photography in Figure 2-3 was taken October 2024 by the Airbus Corporation and reflects the current situation within the Project Area.

2.3 Additional Property Rights

The Applicant will need to acquire additional property rights for the Project in order to (i) expand the width of Existing ROW for required clearances; (ii) enhance the Applicant's rights on Existing ROW; (iii) establish New ROW for the Project; (iv) allow for the off-ROW access of construction vehicles and equipment for the duration of construction; (v) facilitate the storage of materials, equipment, vehicles, job trailers, and other similar uses (laydown yards); and (vi) install, occupy, operate, access, and maintain the Project facilities upon railroad property. The Applicant may need to acquire additional rights outside of the Project ROW to selectively remove trees if they a pose risk.

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New York State Electric & Gas Corporation Jennison Transmission Solution Project

Exhibit 2

Location of Facilities

Figures

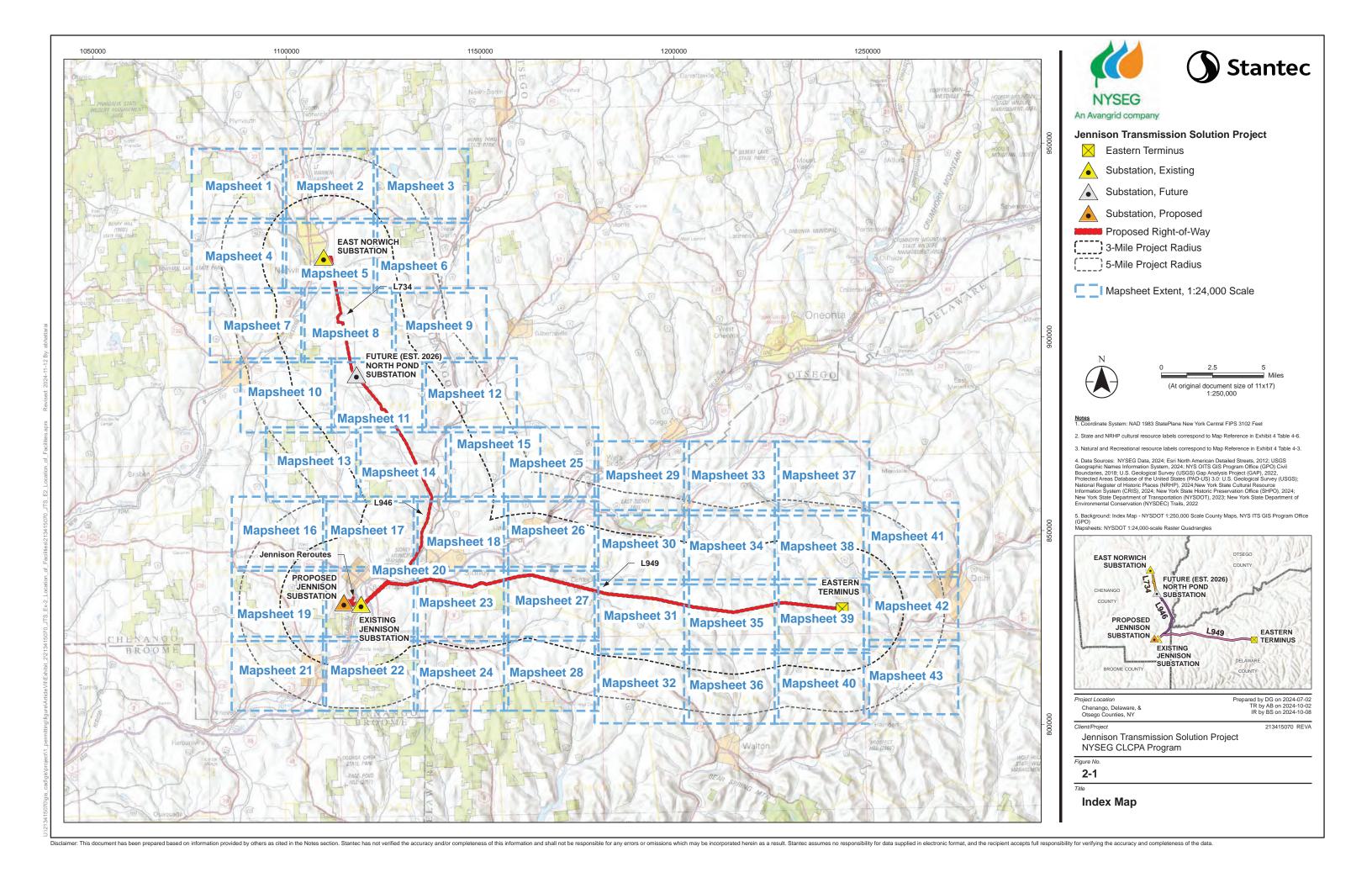
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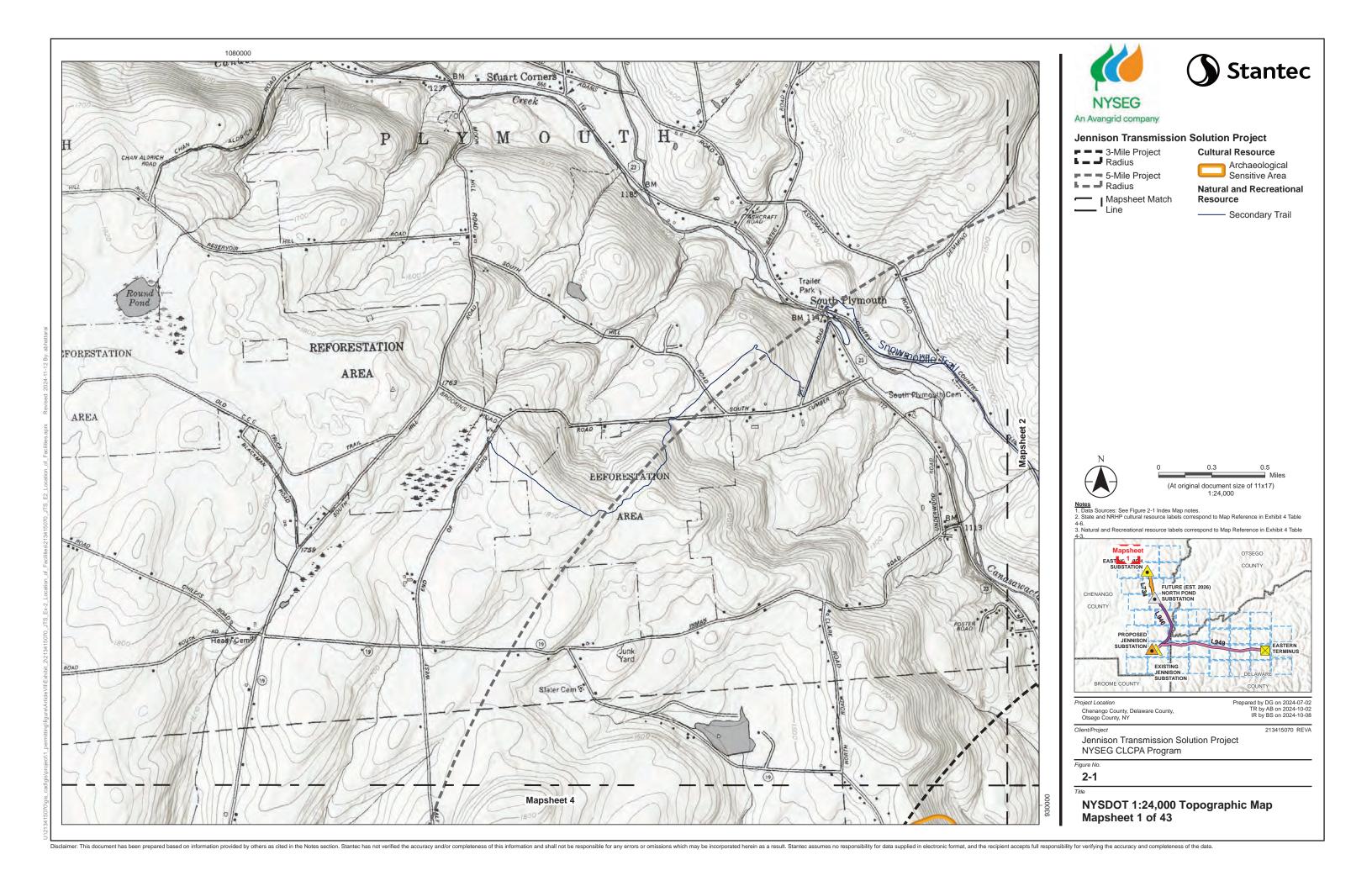
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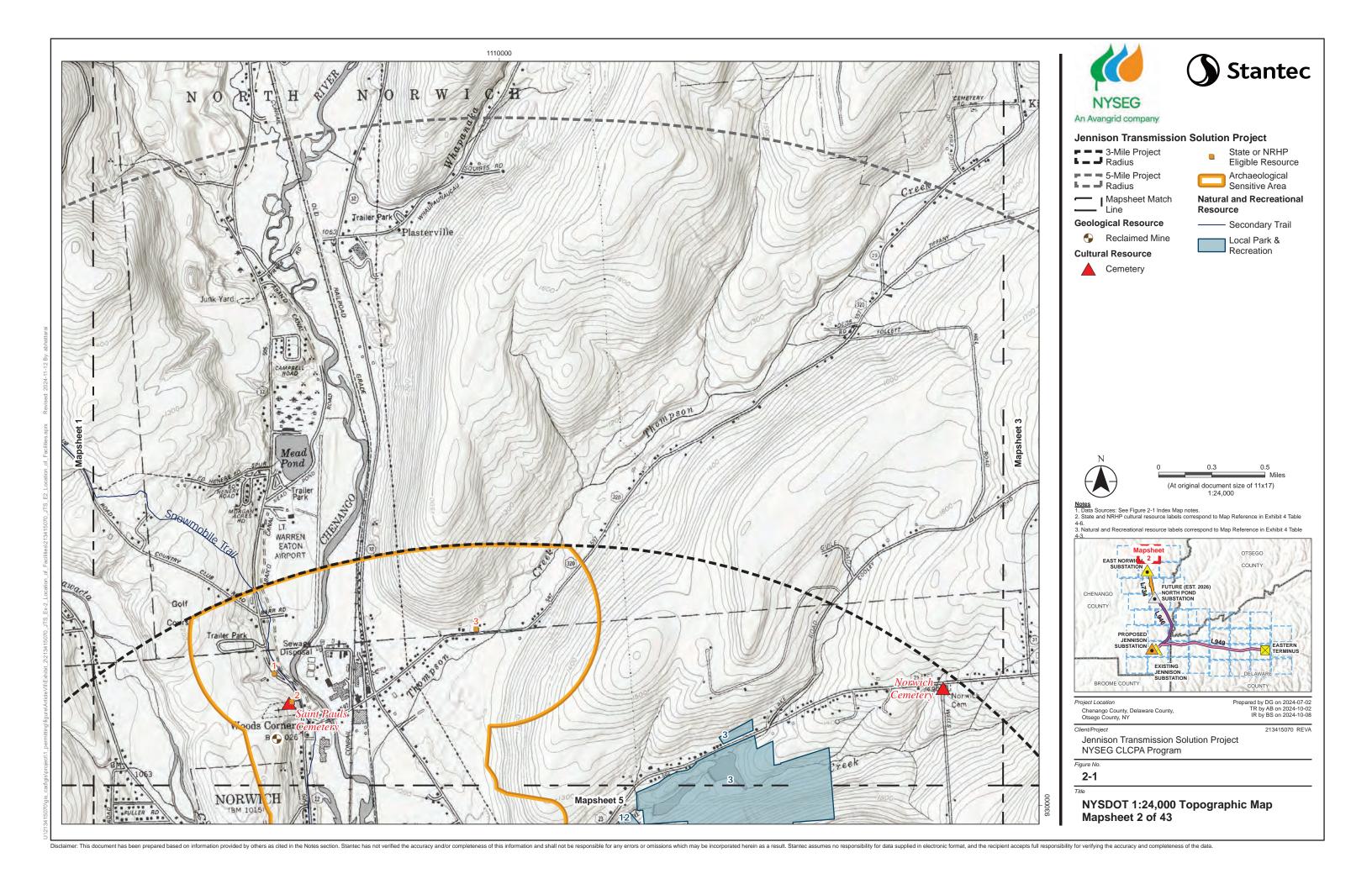
Location of Facilities

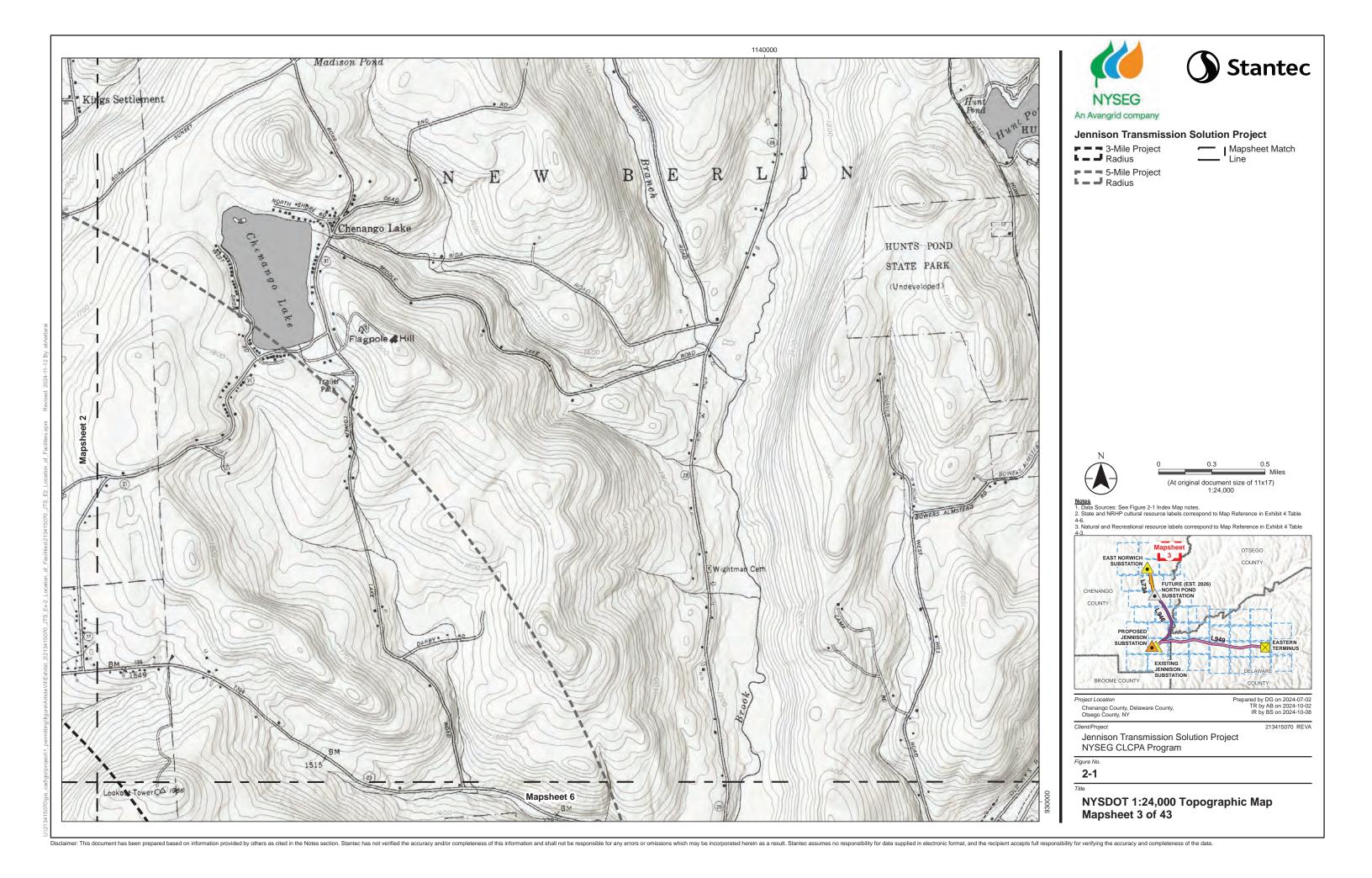
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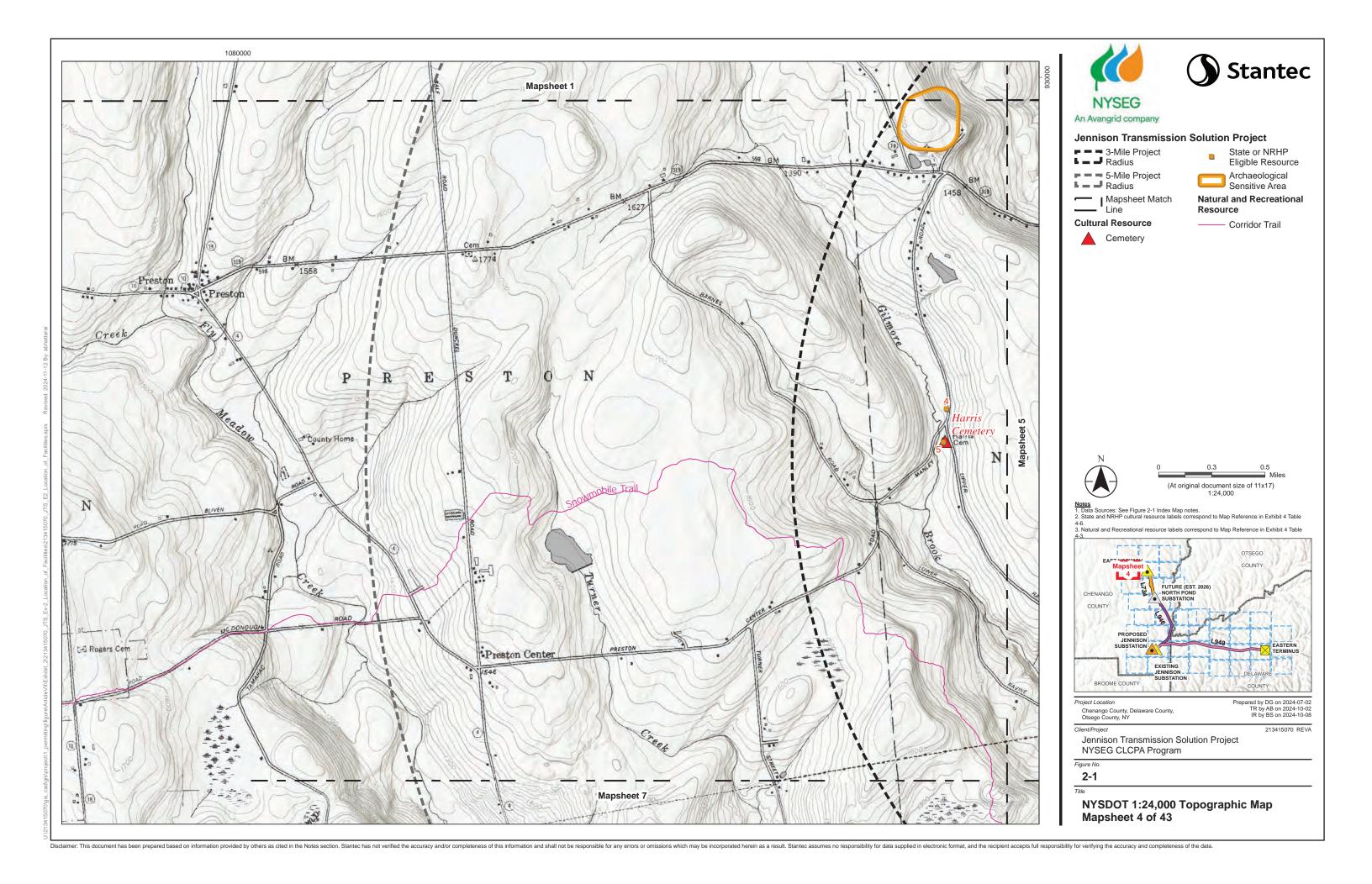
NYSDOT 1:24,000 Topographic Map

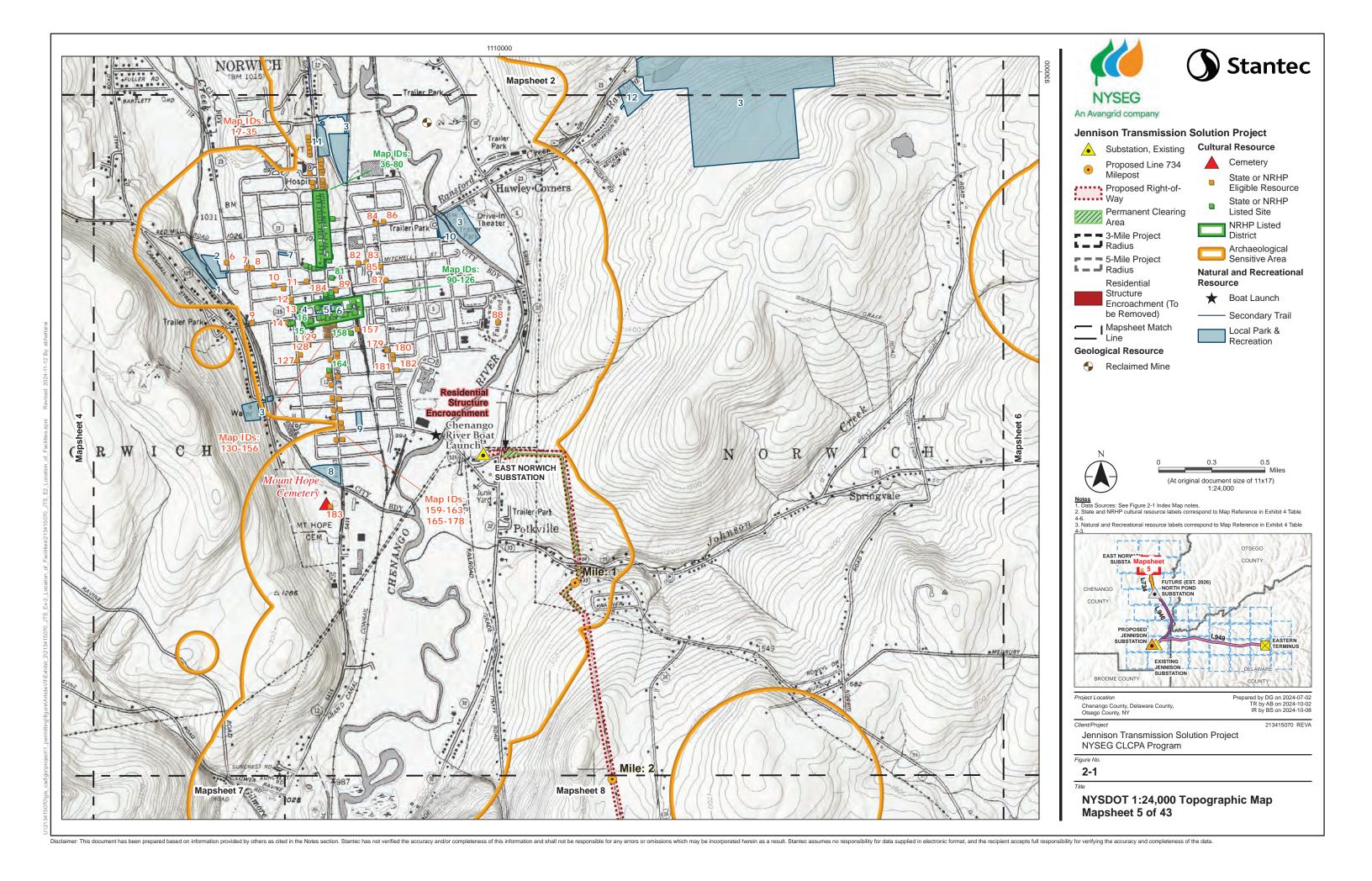


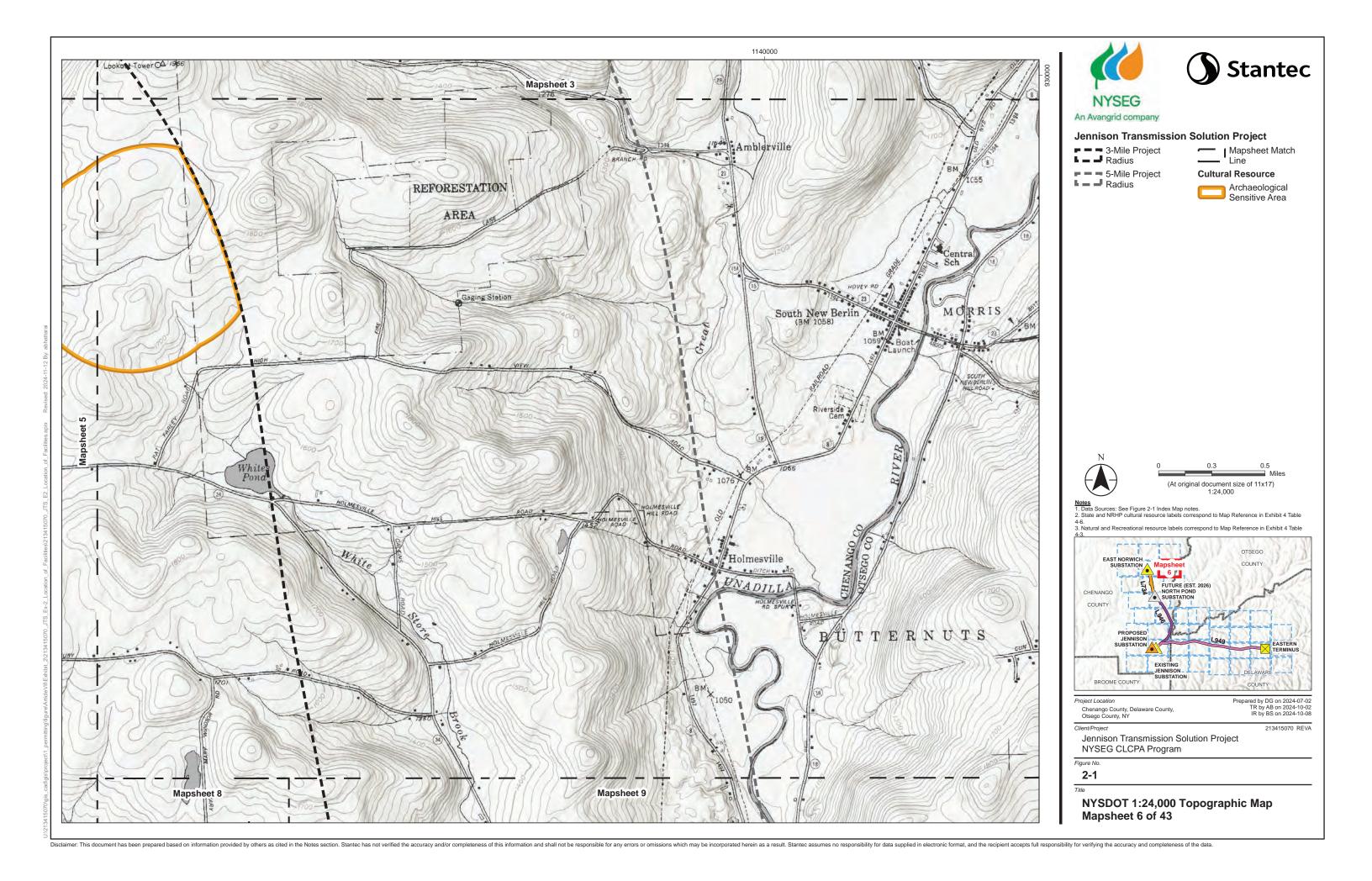


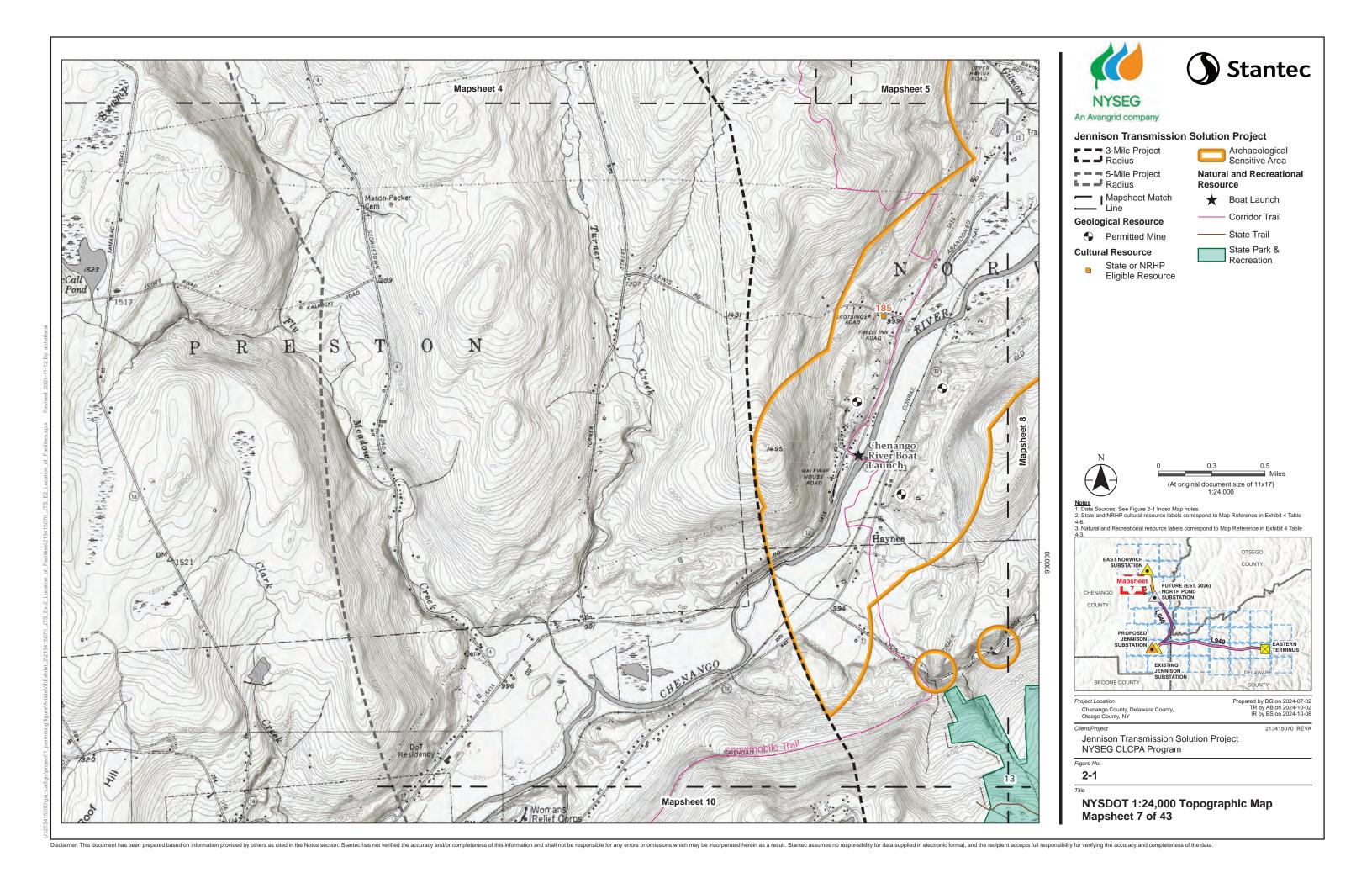


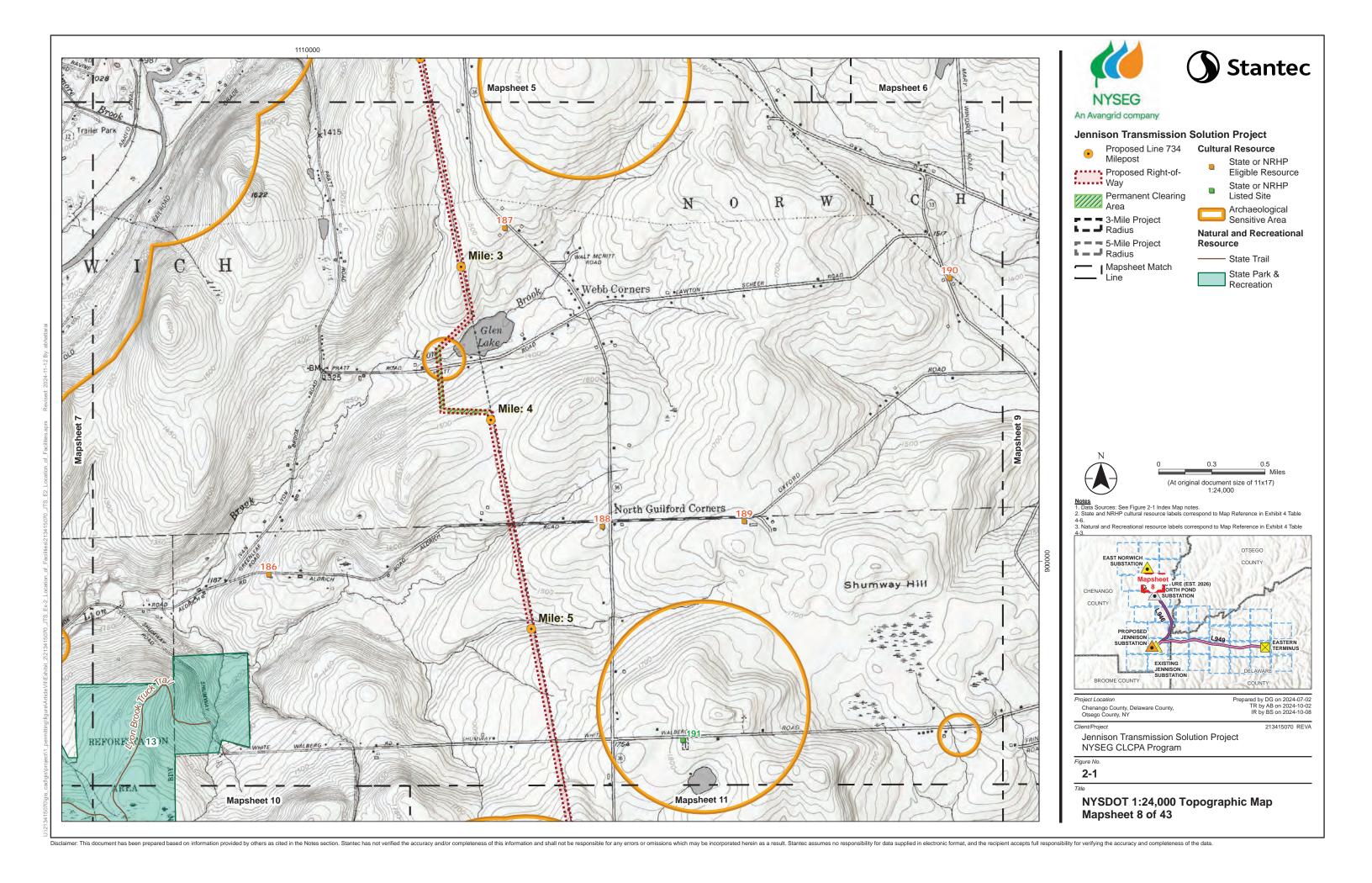


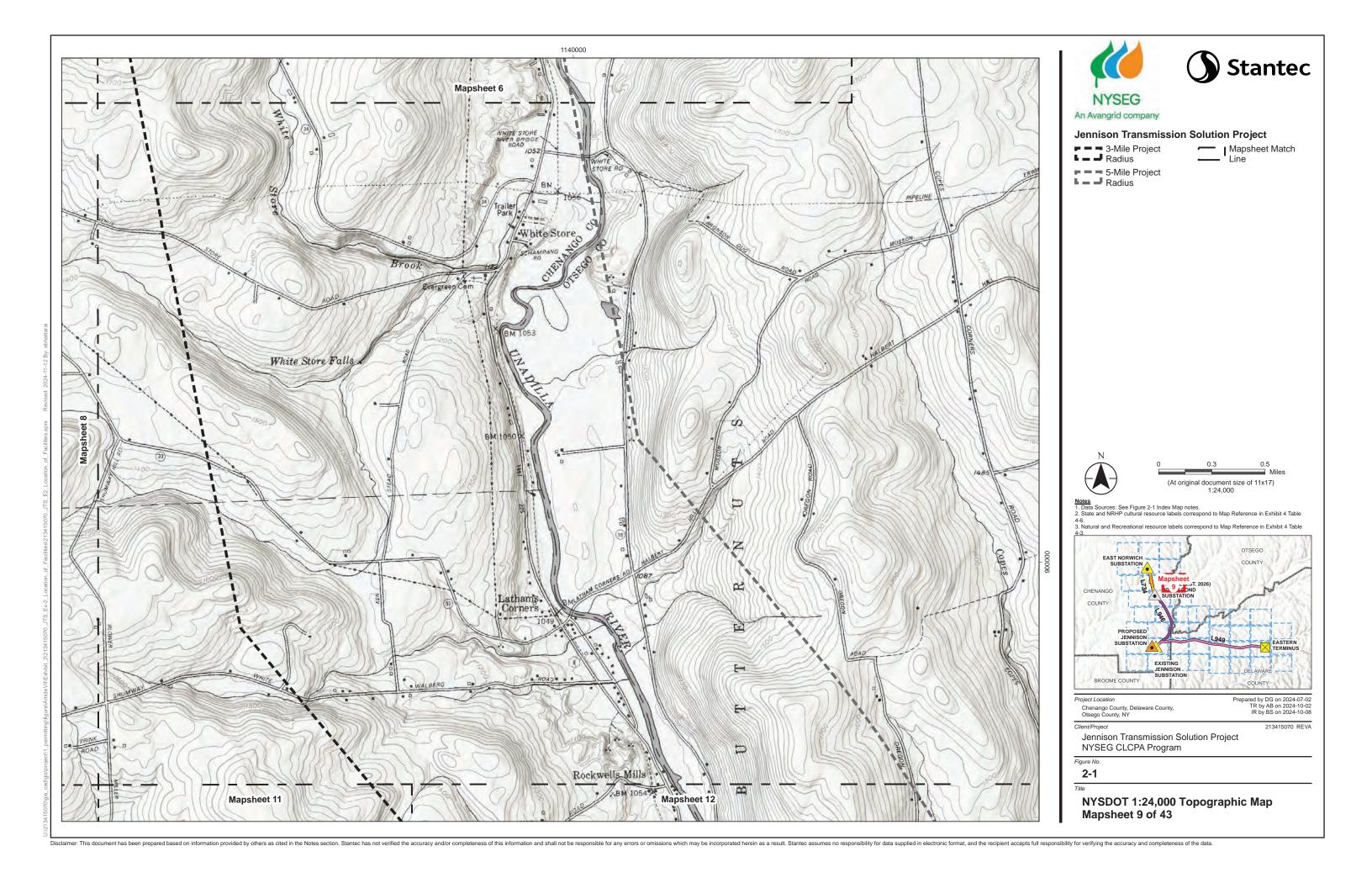


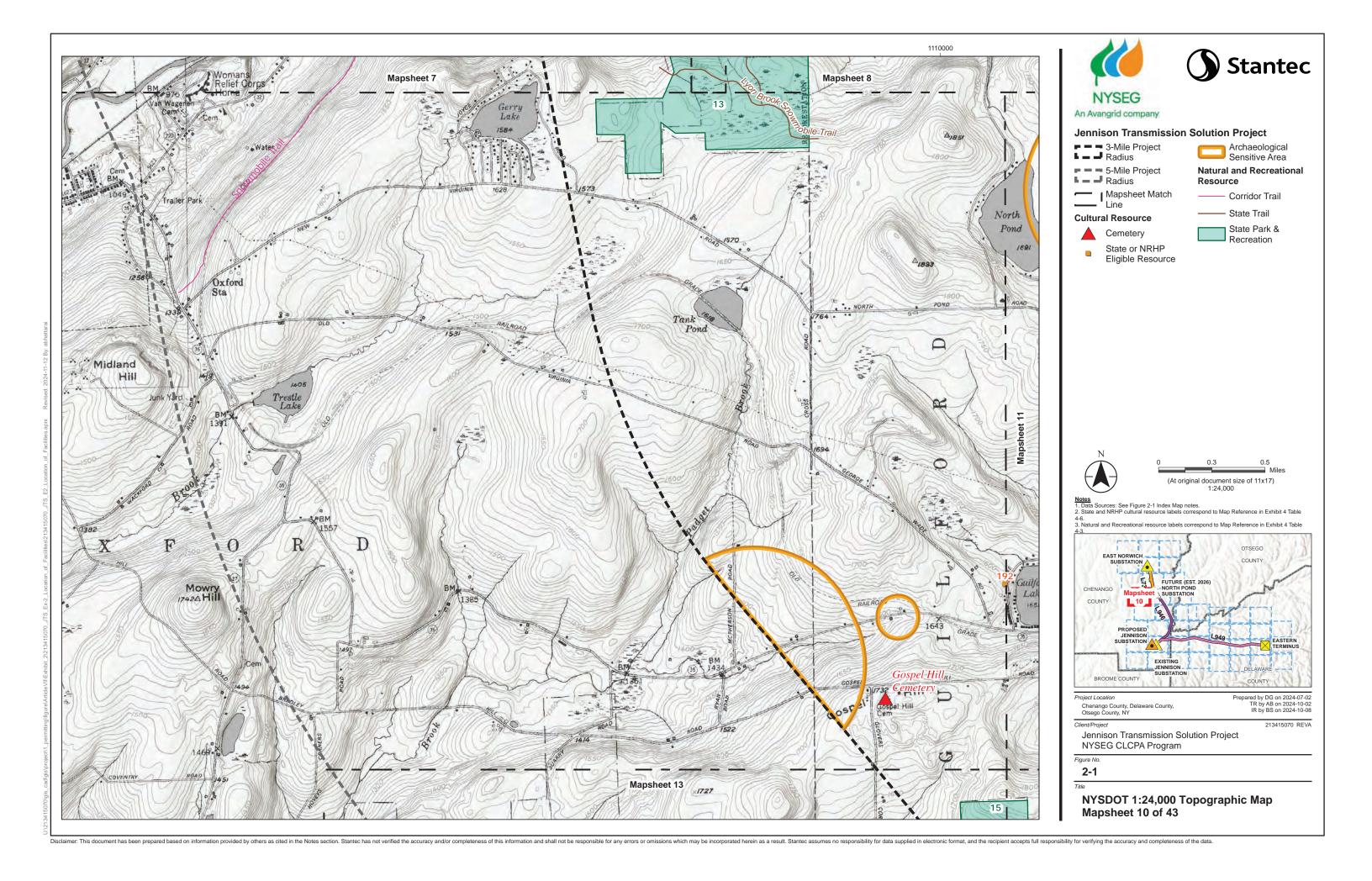


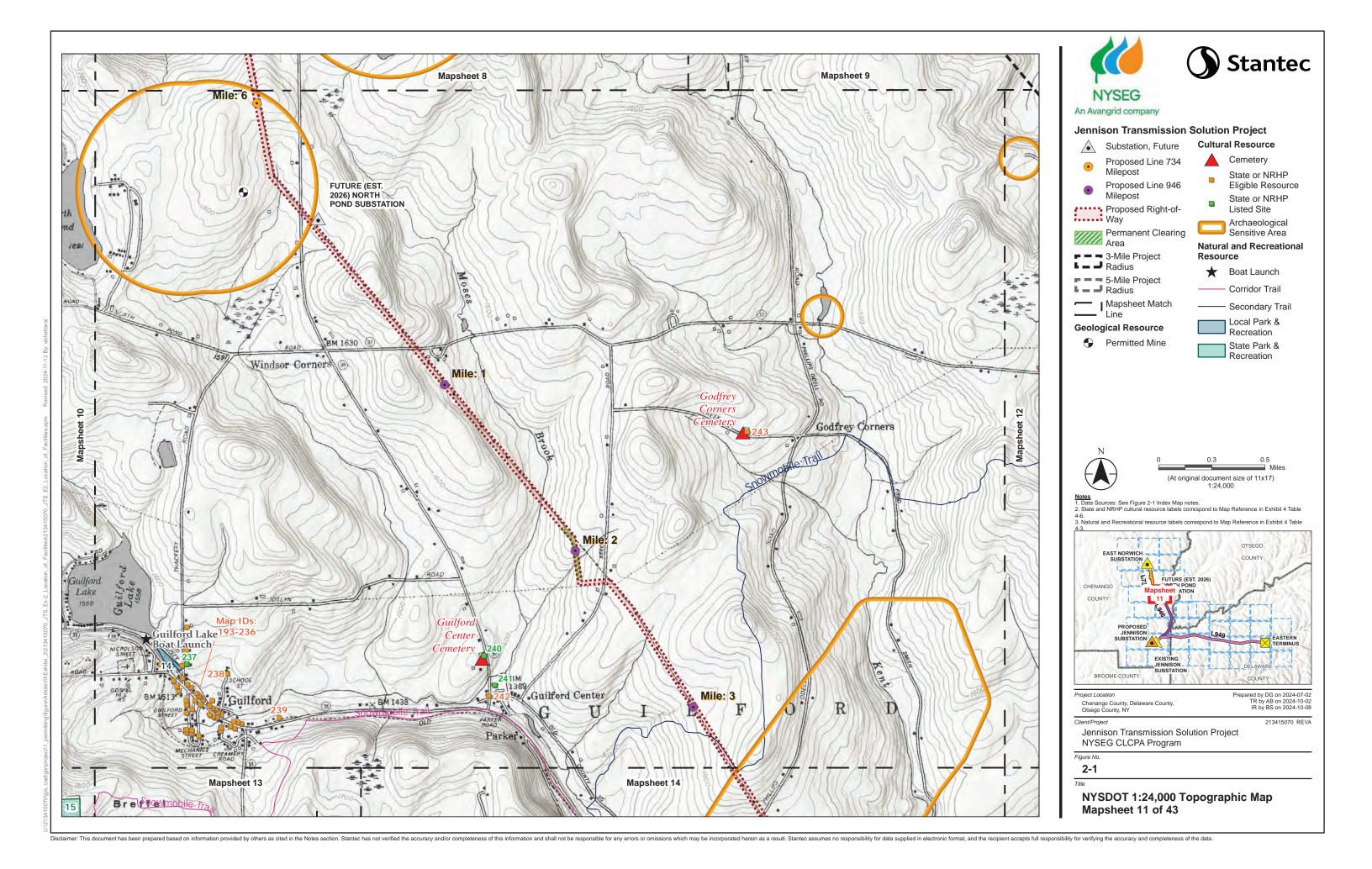


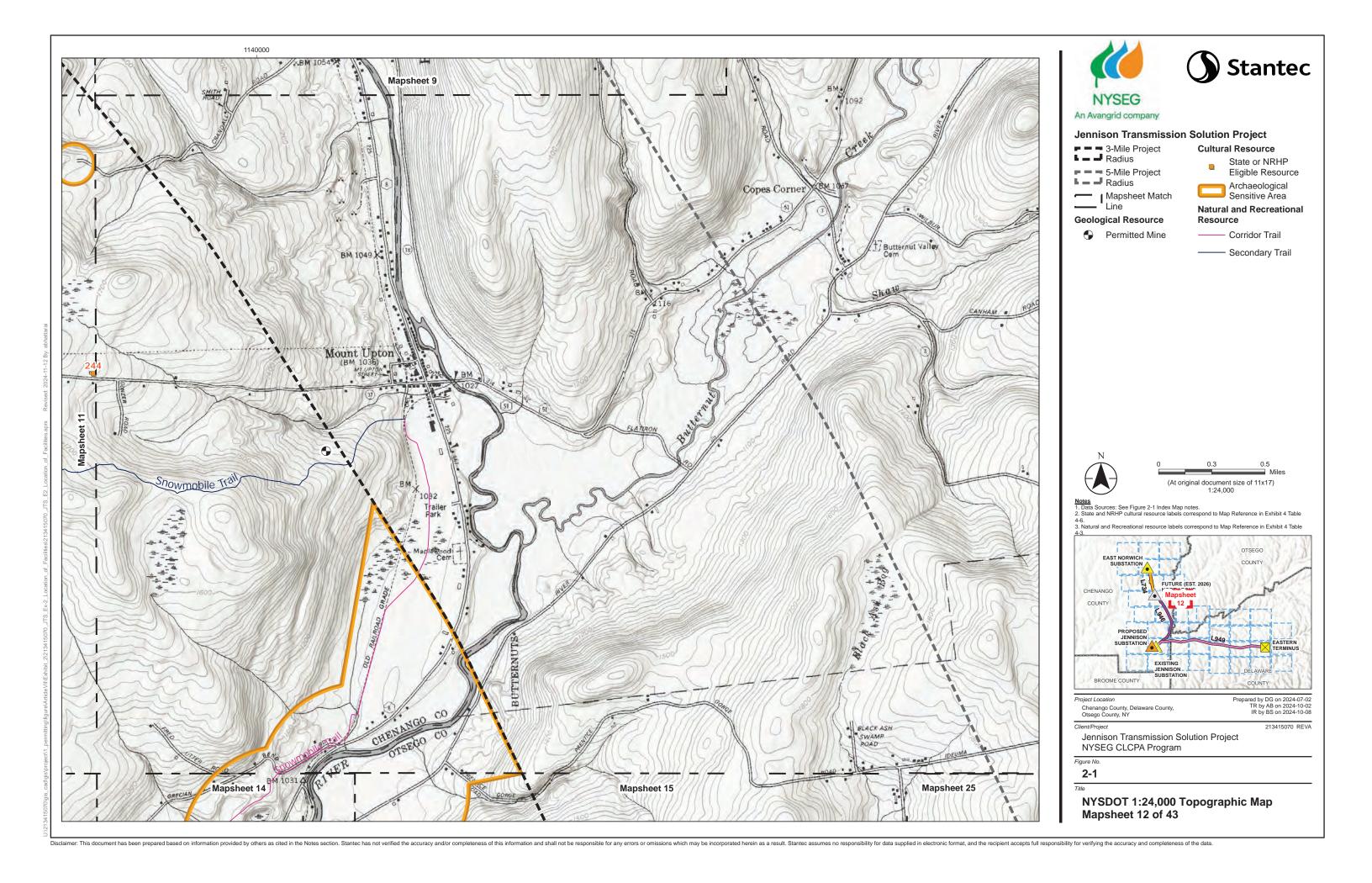


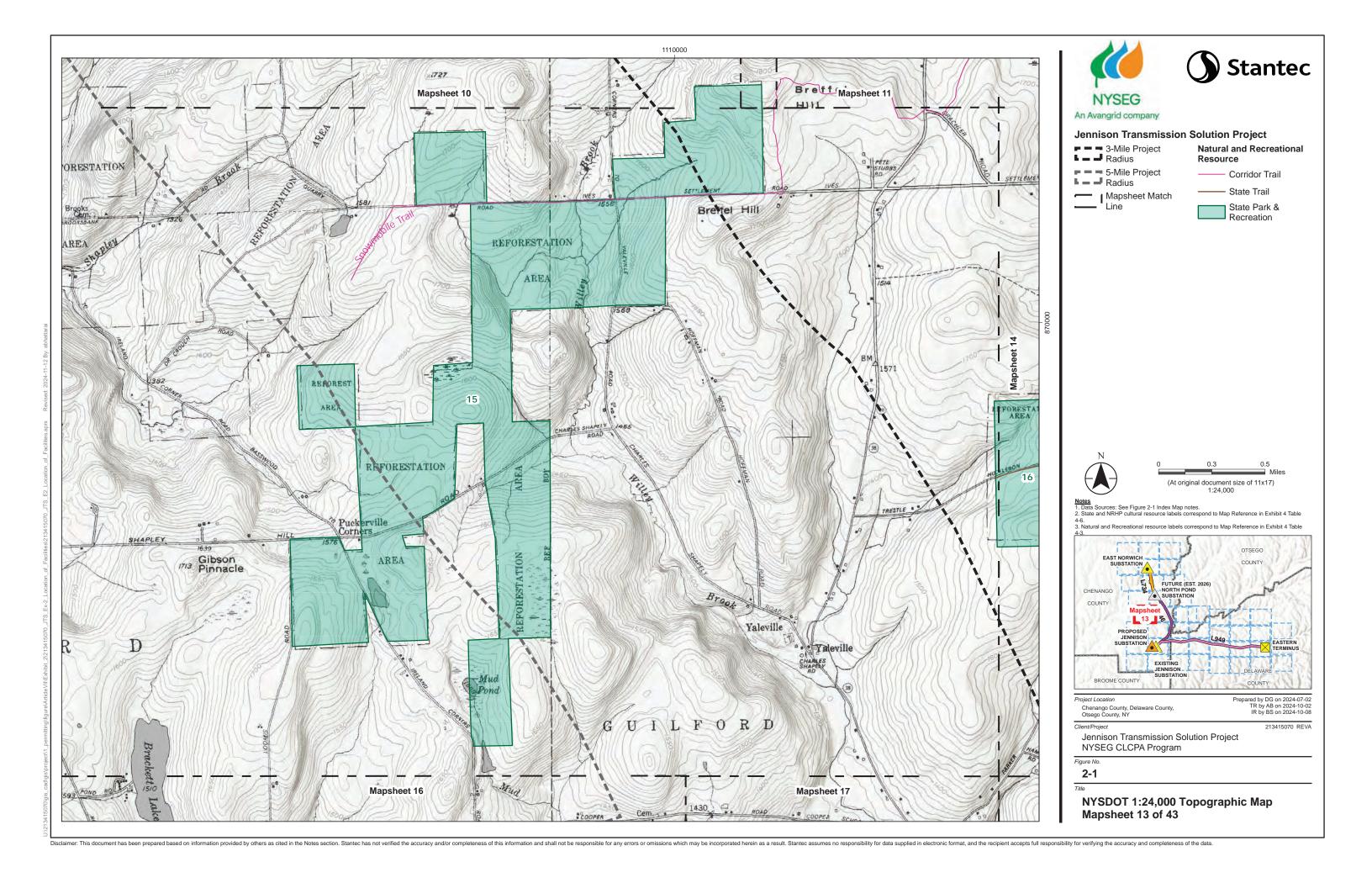


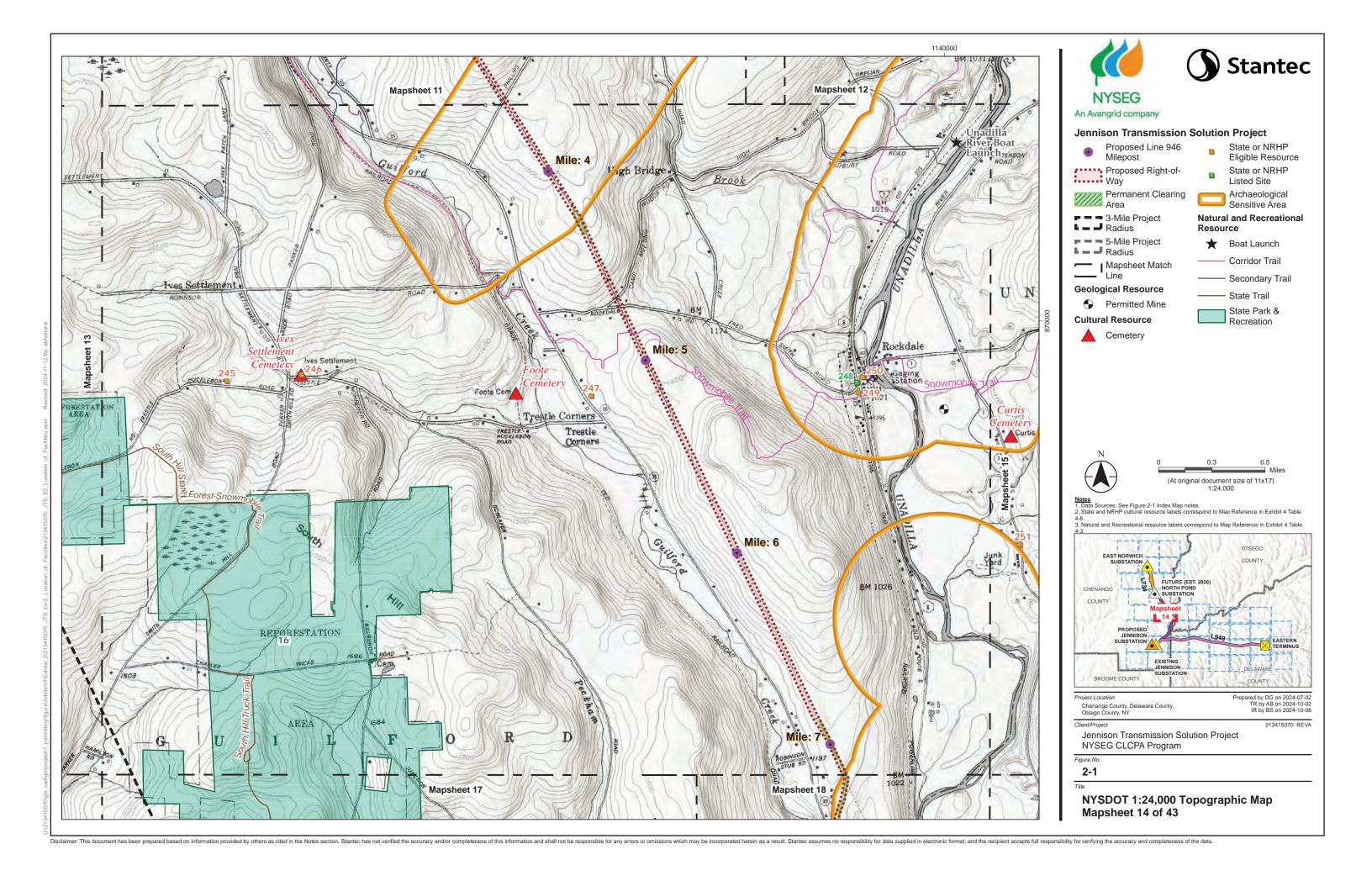


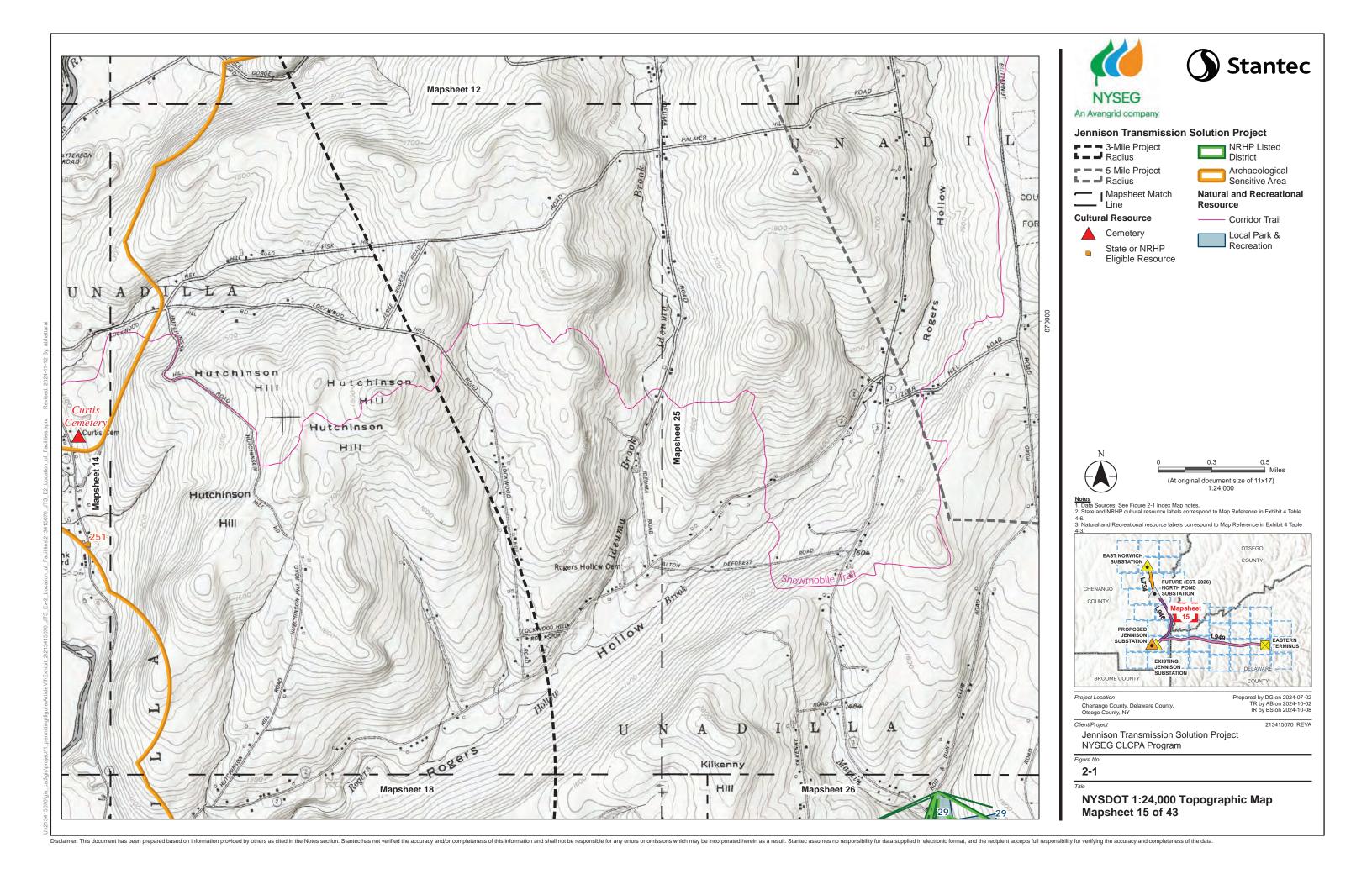


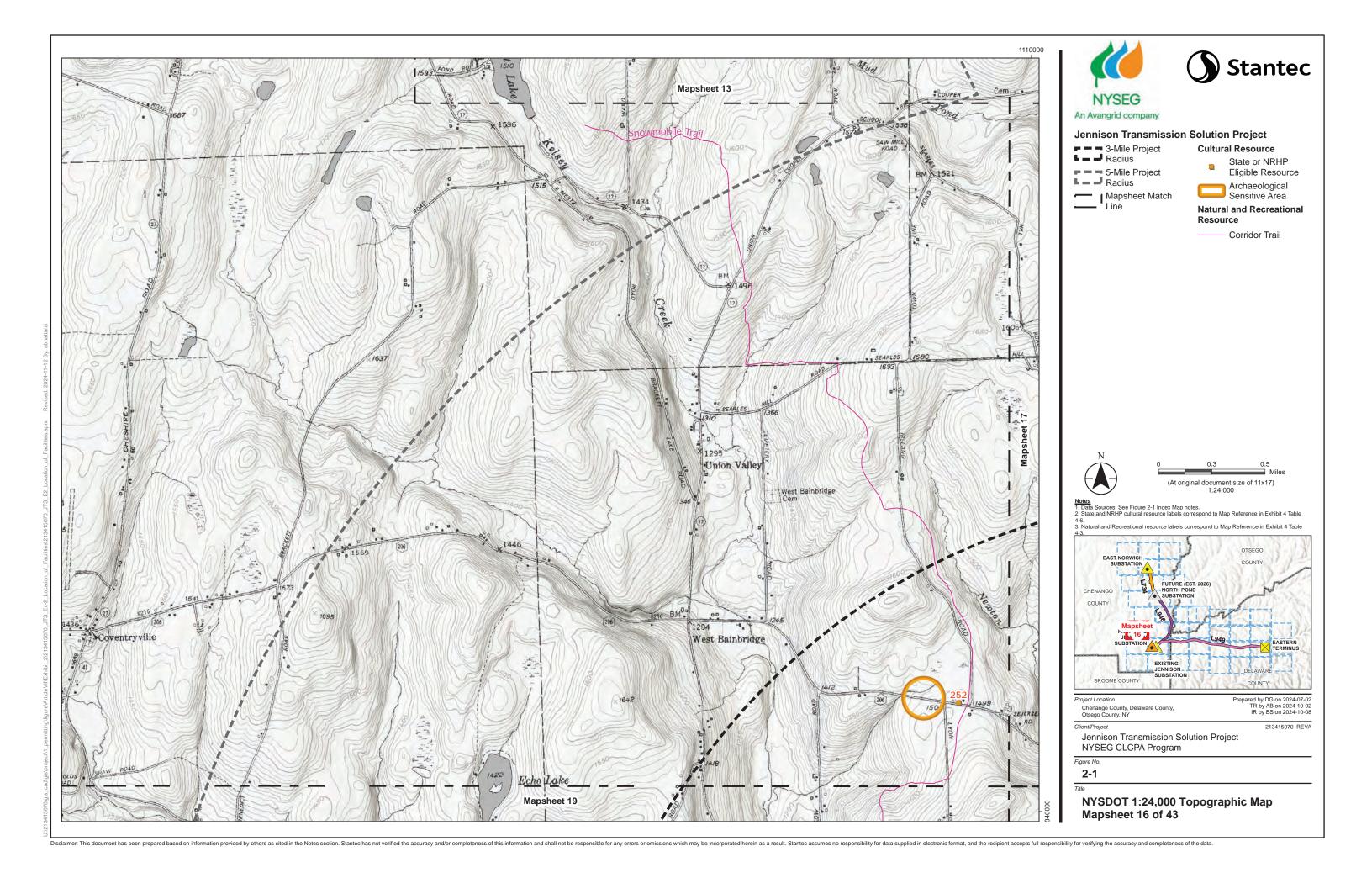


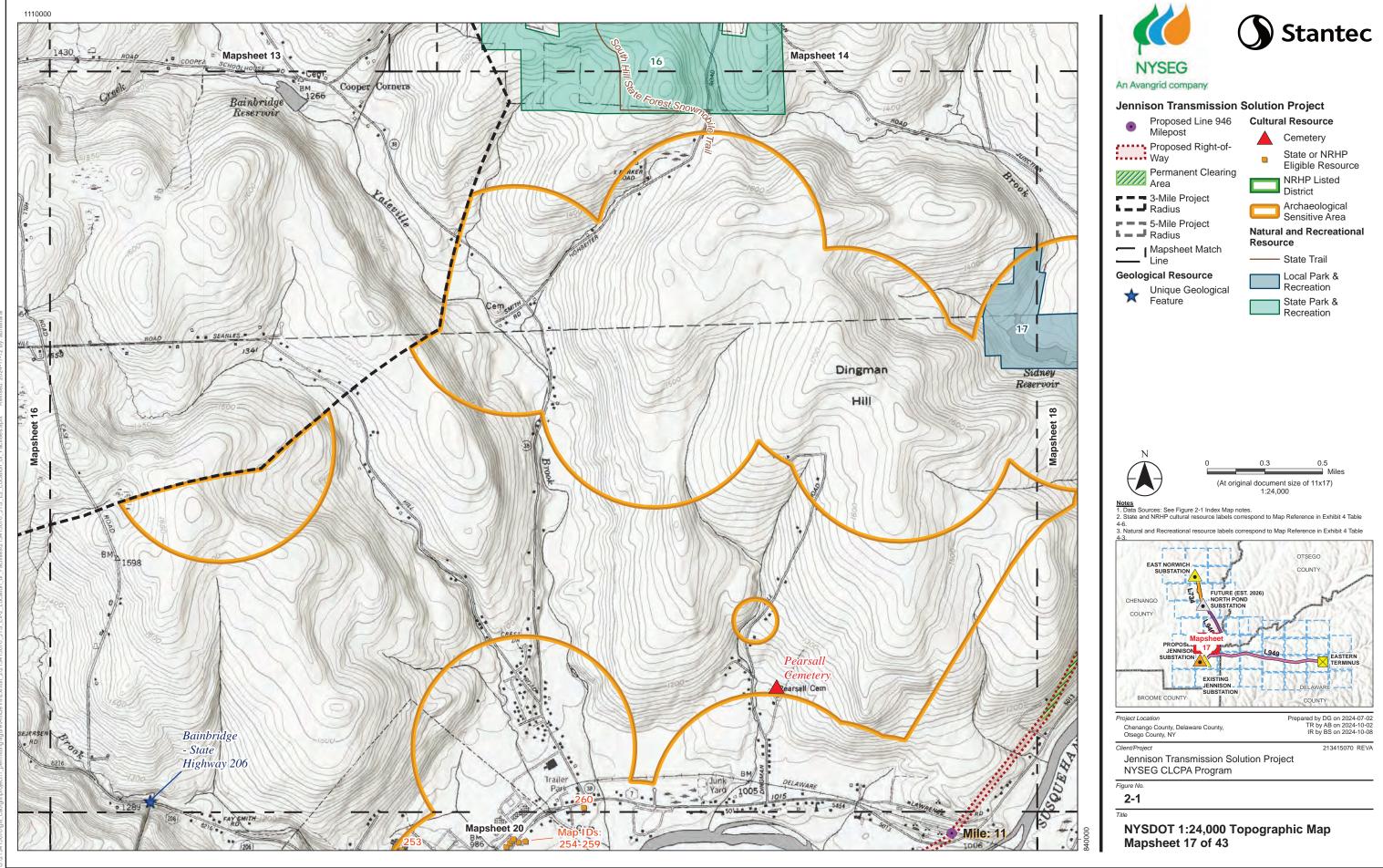












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