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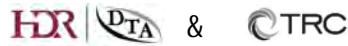


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Figure 1-1

Champlain Hudson
Power Express
Project Route Map

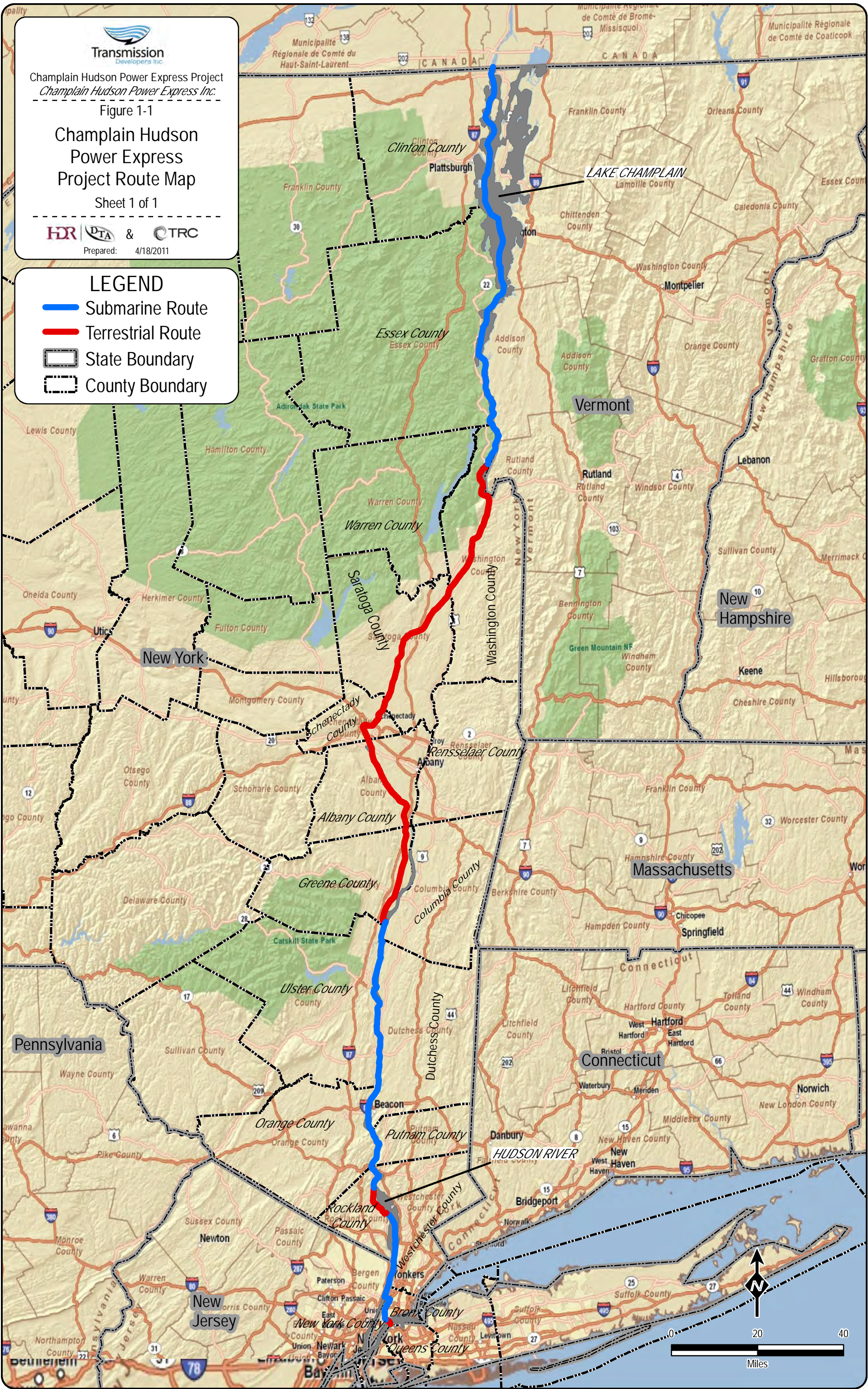
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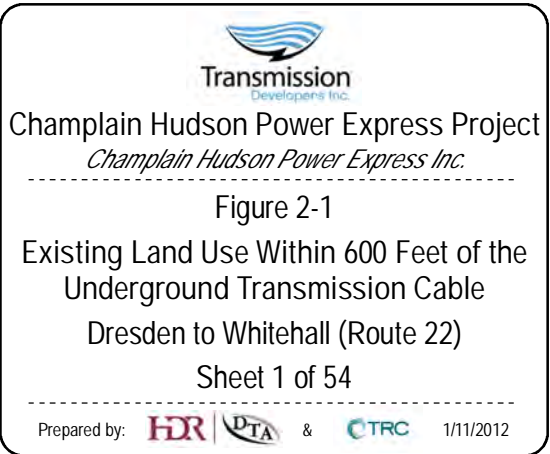
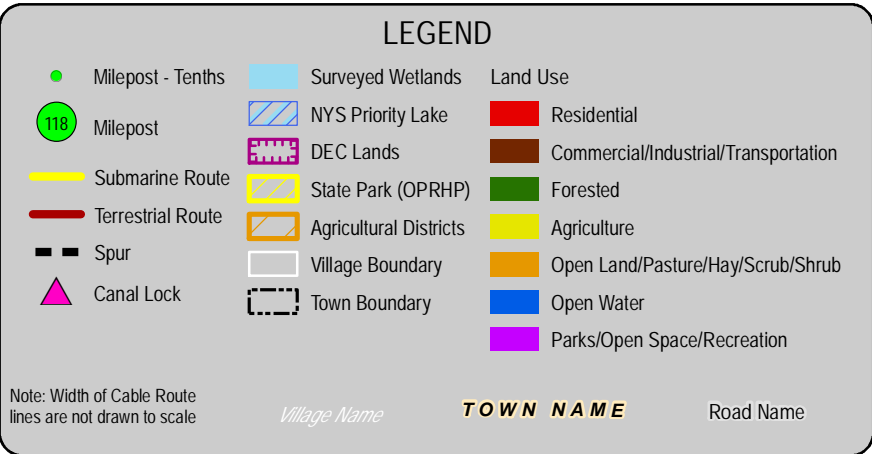
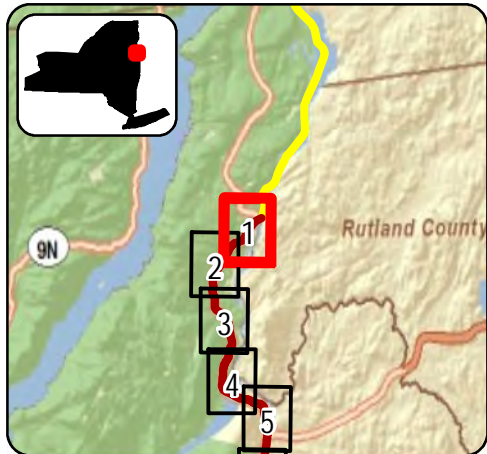
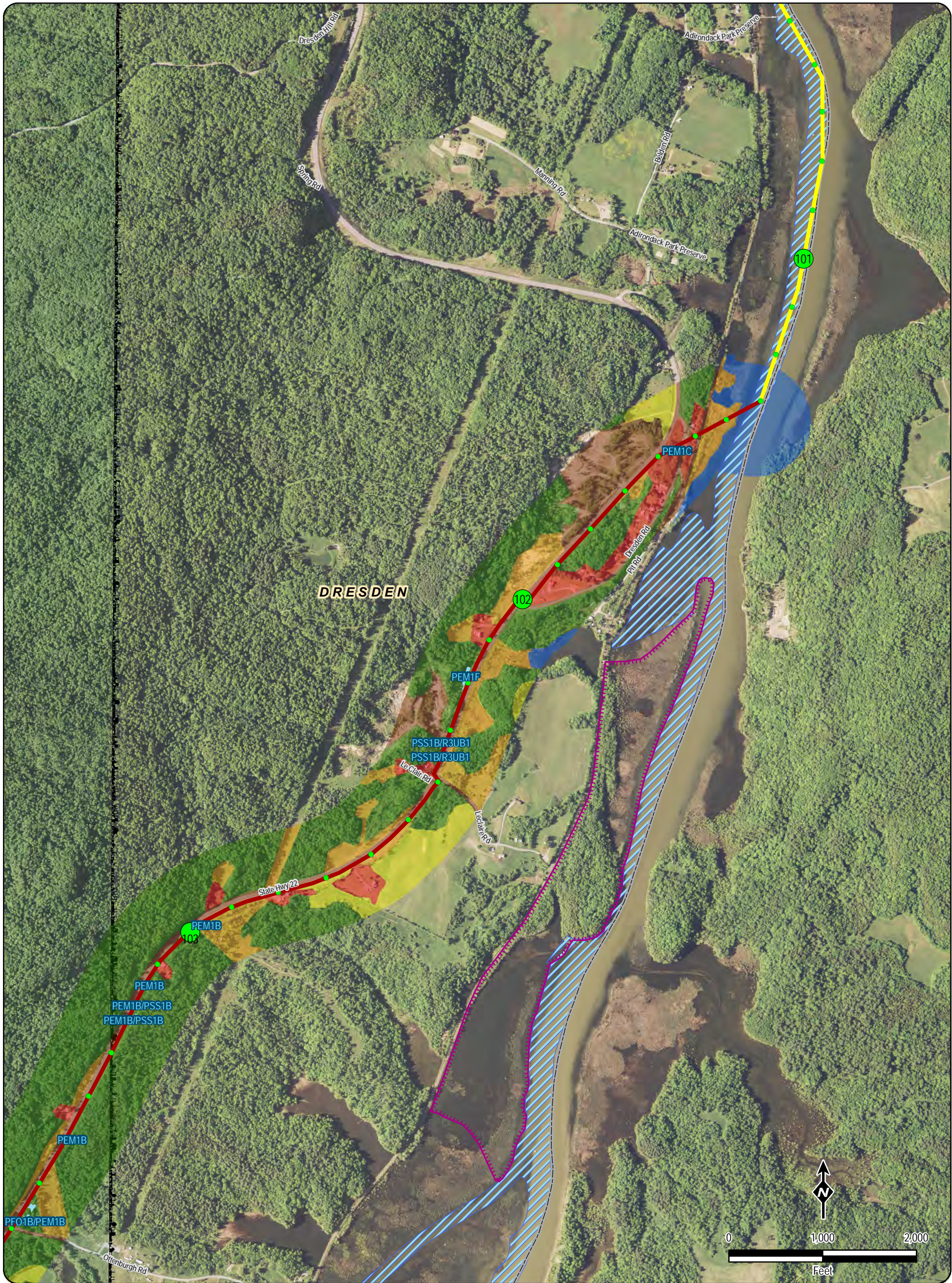


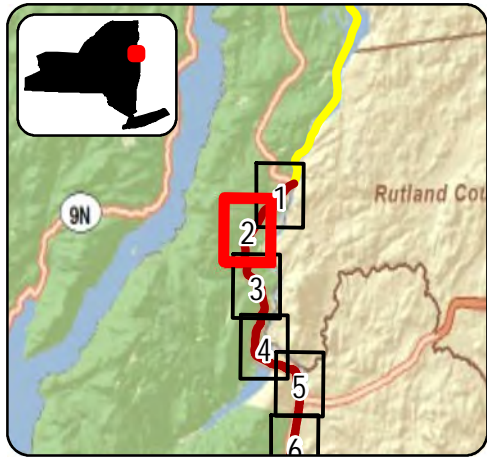
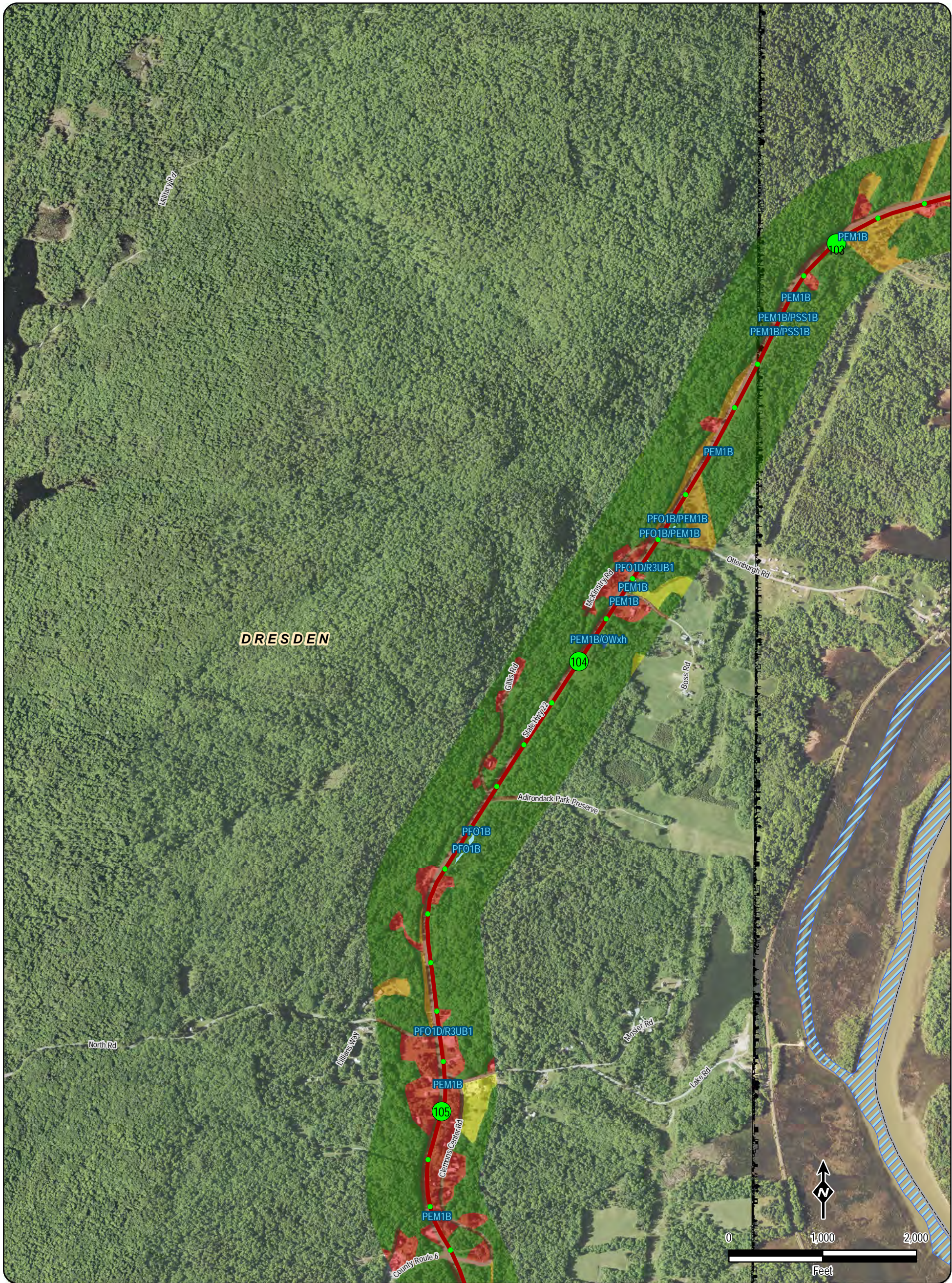
Prepared: 4/18/2011

LEGEND

- Submarine Route
- Terrestrial Route
- State Boundary
- County Boundary







LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

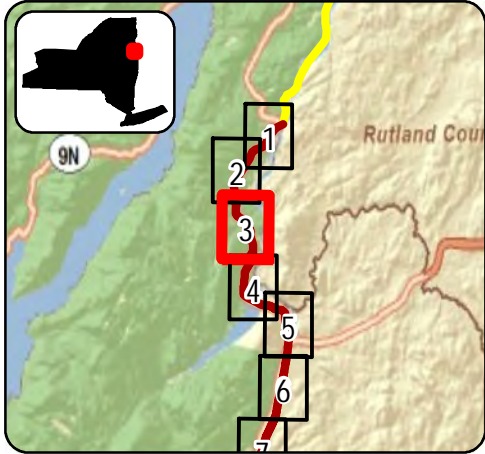
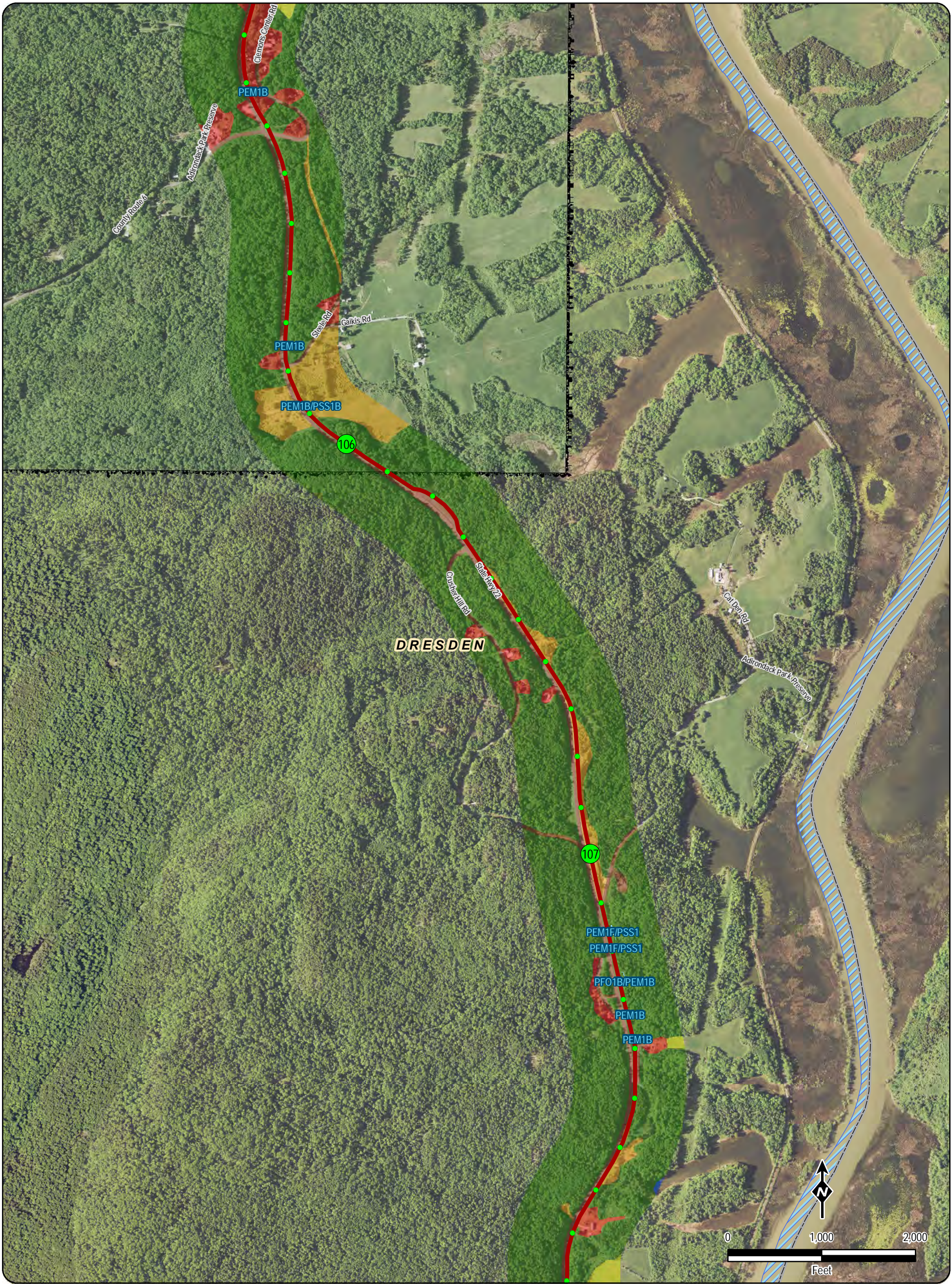
Village Name TOWN NAME Road Name

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Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Dresden to Whitehall (Route 22)
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LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
● Milepost	NYS Priority Lake	Residential
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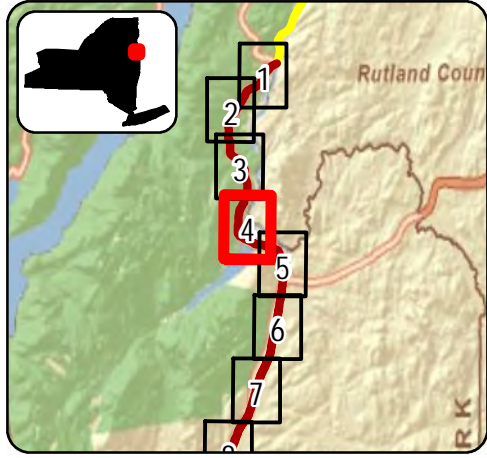
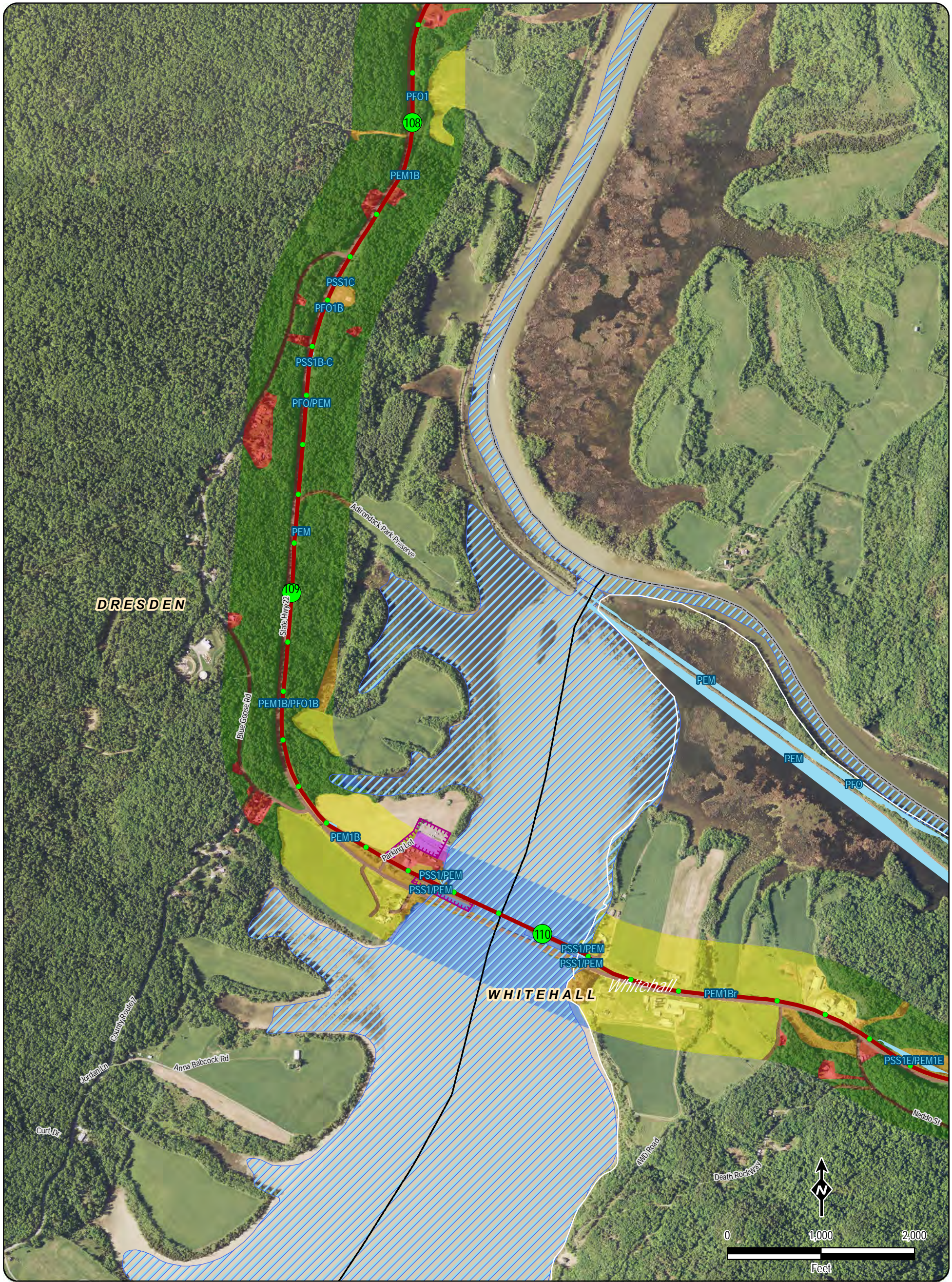
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Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Dresden to Whitehall (Route 22)
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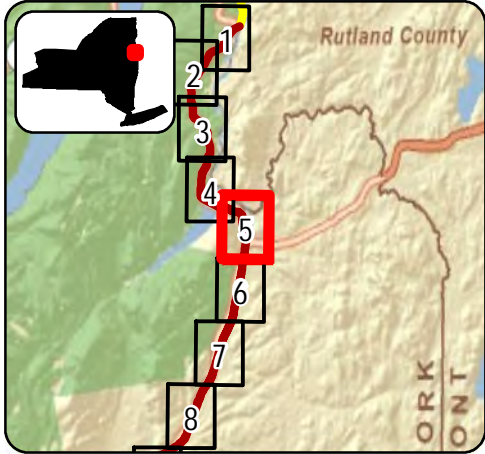
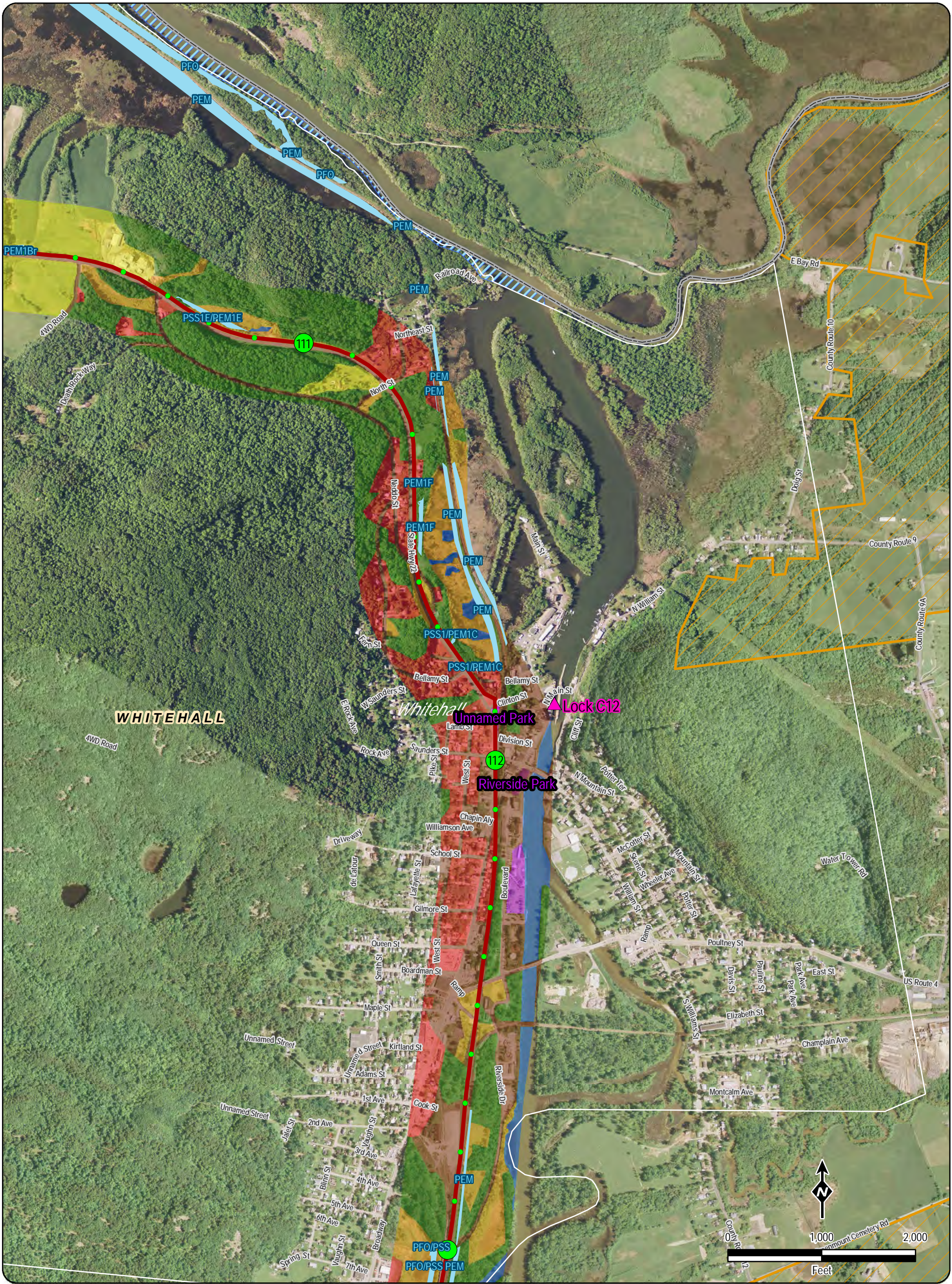
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Village Name **TOWN NAME** Road Name

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Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Dresden to Whitehall (Route 22)
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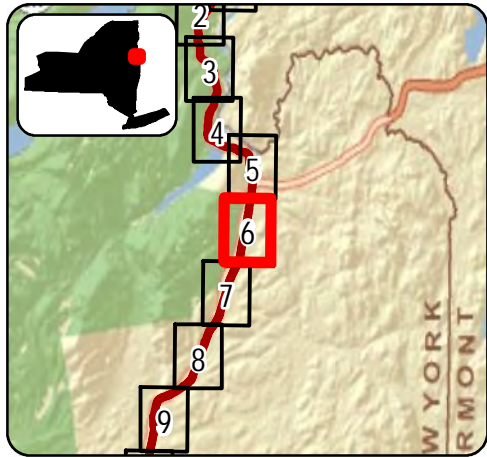
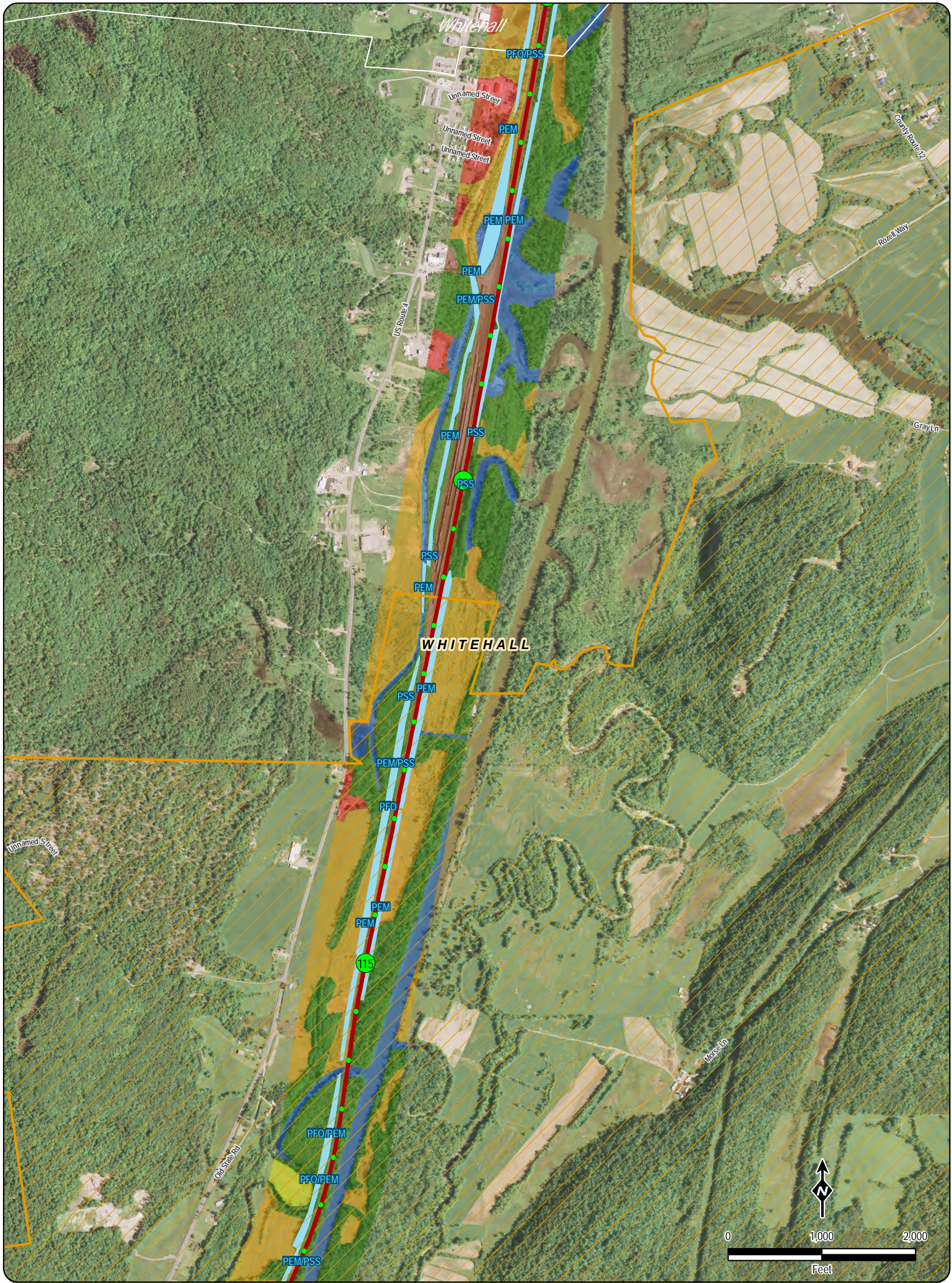
Village Name TOWN NAME Road Name

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Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Dresden to Whitehall (Route 22)
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LEGEND

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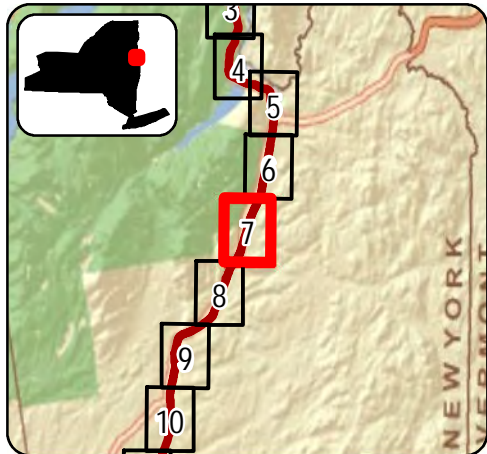
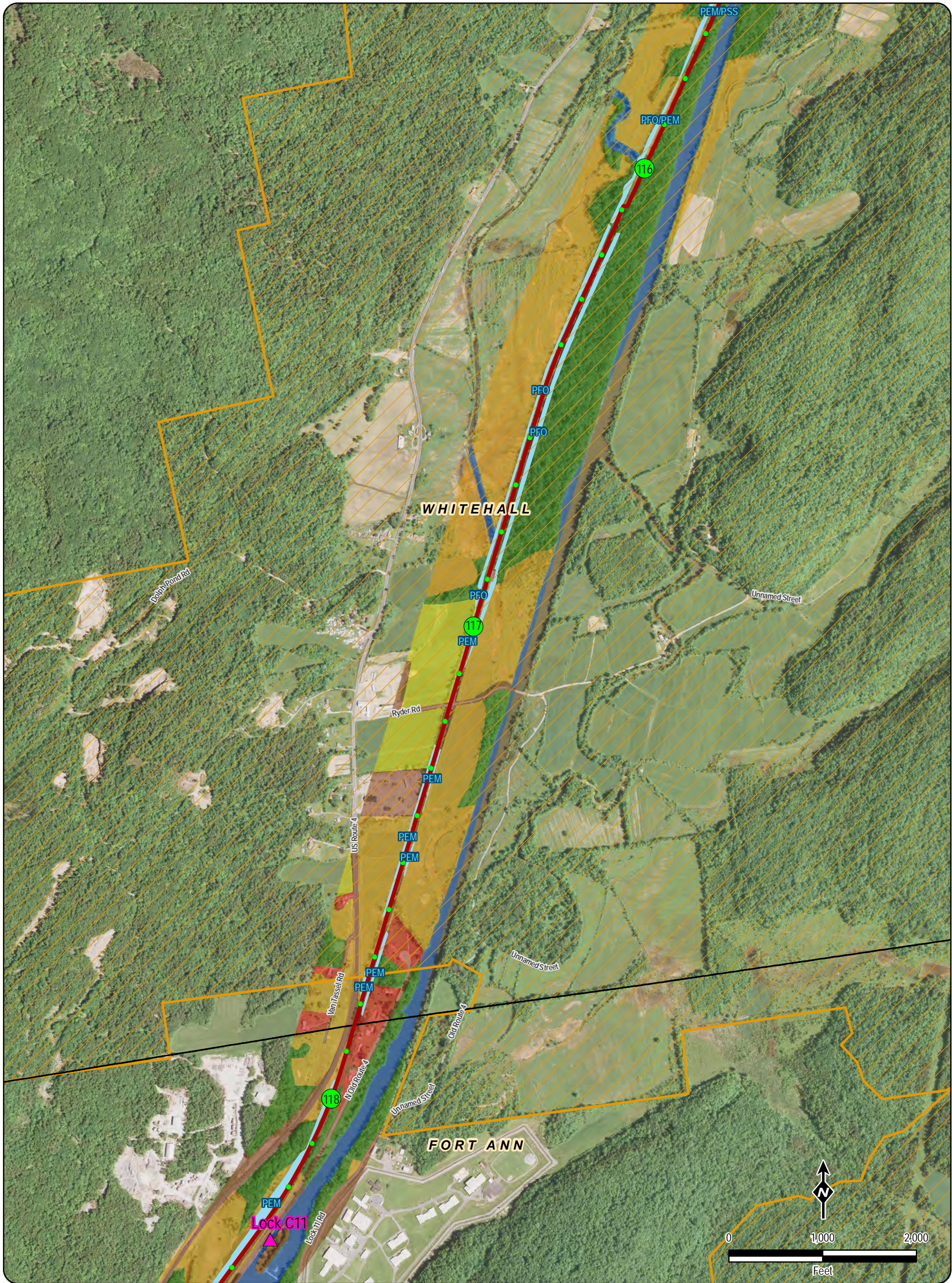
Village Name TOWN NAME Road Name

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Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
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Milepost - Tenths	Surveyed Wetlands	Land Use
Milepost	NYS Priority Lake	Residential
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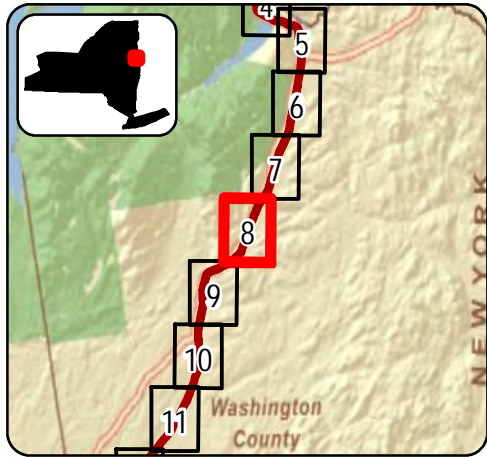
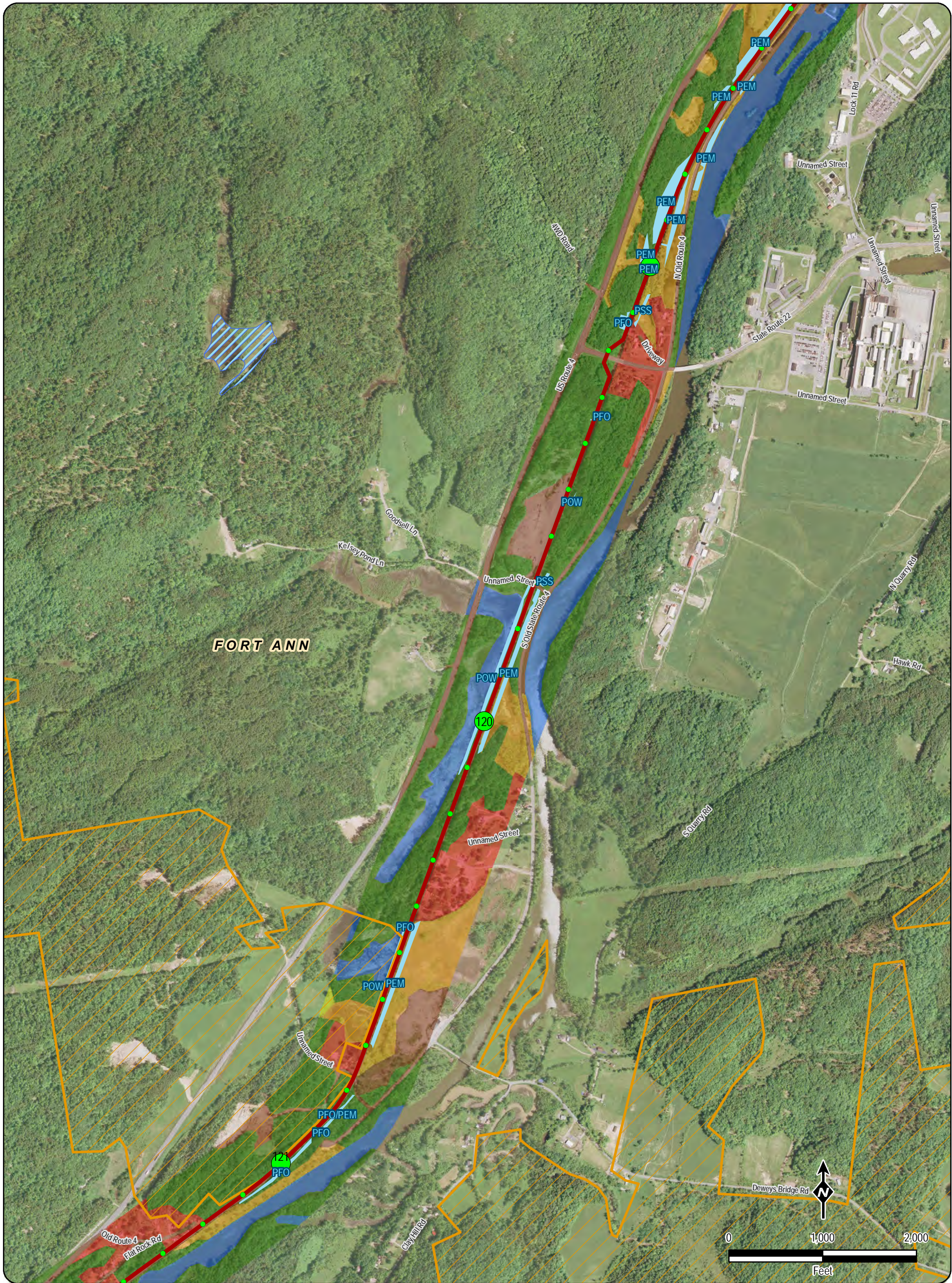
Note: Width of Cable Route lines are not drawn to scale

Village Name **TOWN NAME** Road Name

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Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
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LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
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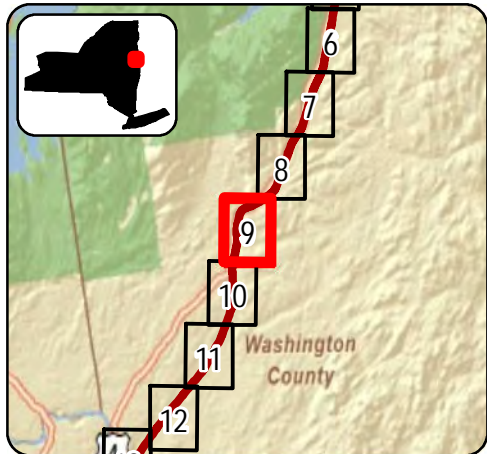
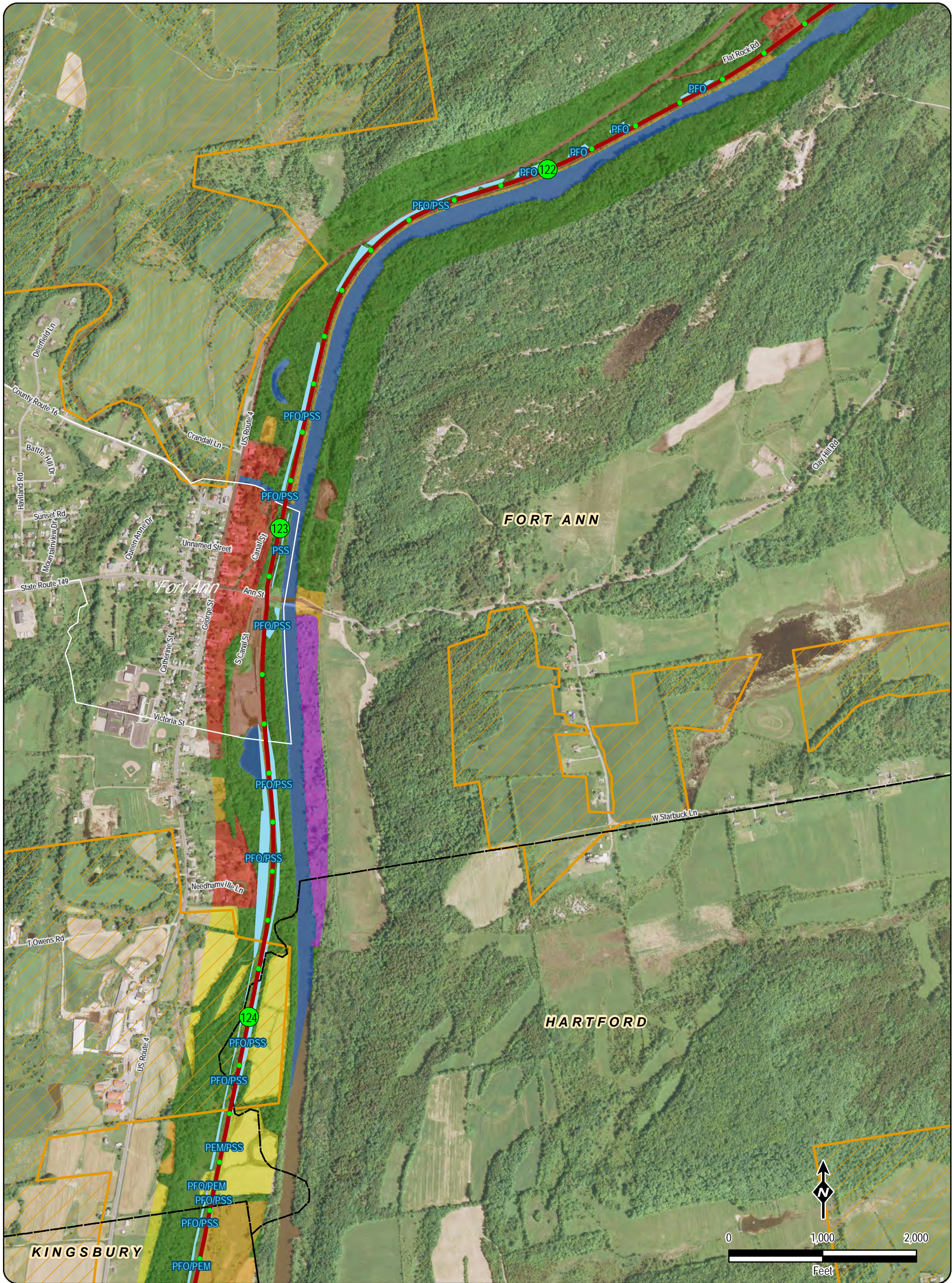
Village Name TOWN NAME Road Name

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Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
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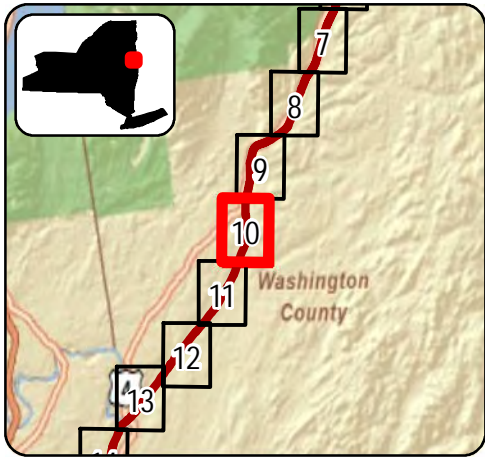
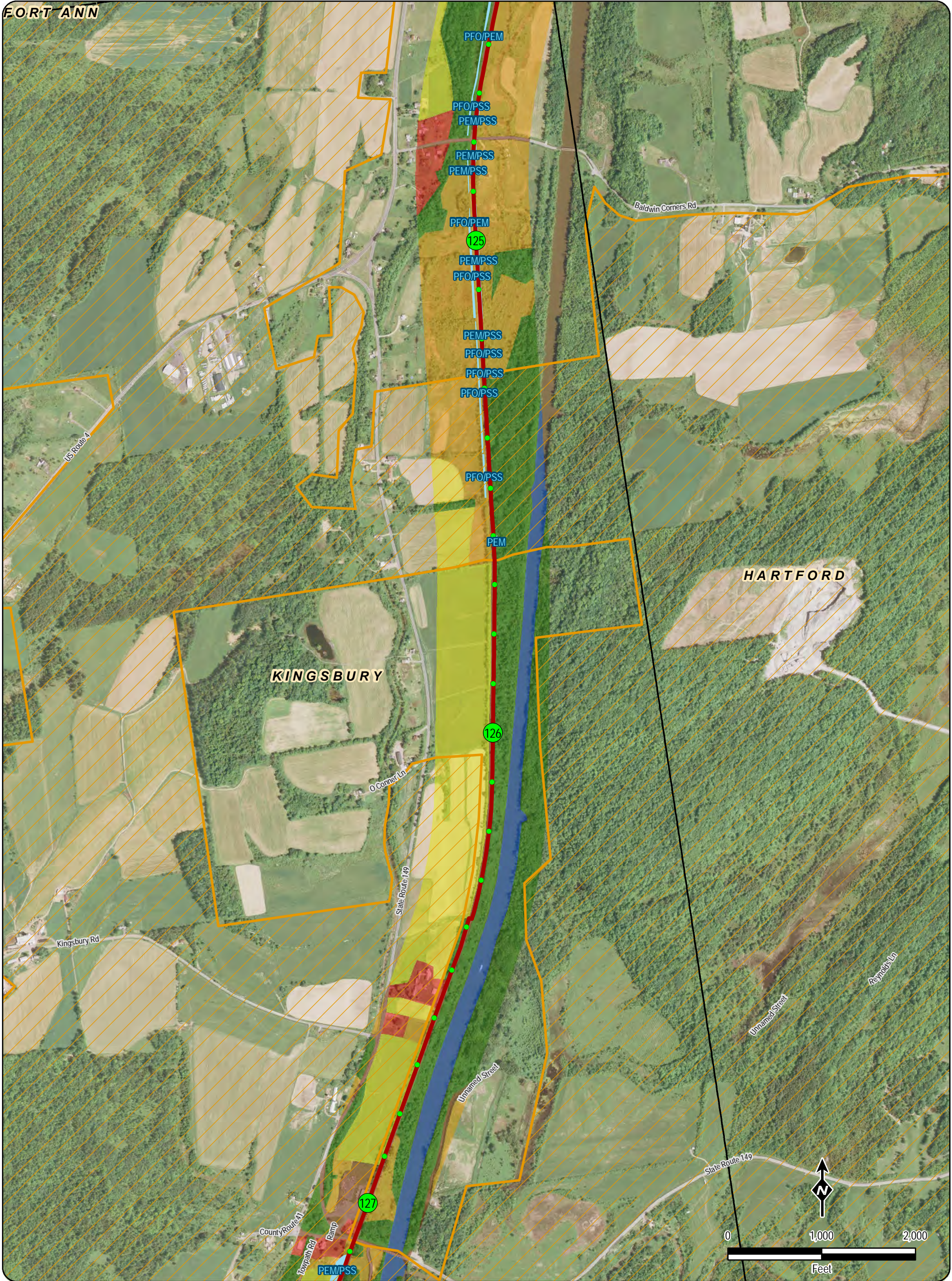
Village Name	TOWN NAME	Road Name

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Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
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Milepost - Tenths	Surveyed Wetlands	Land Use
Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
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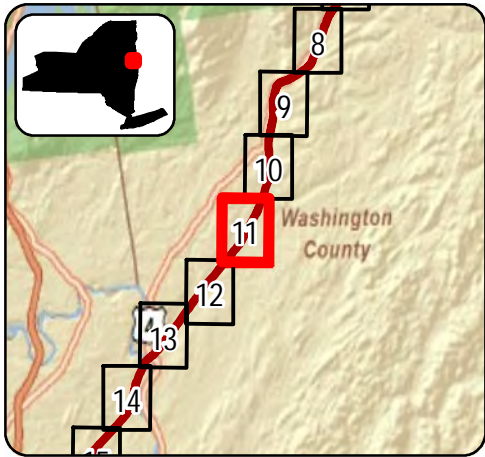
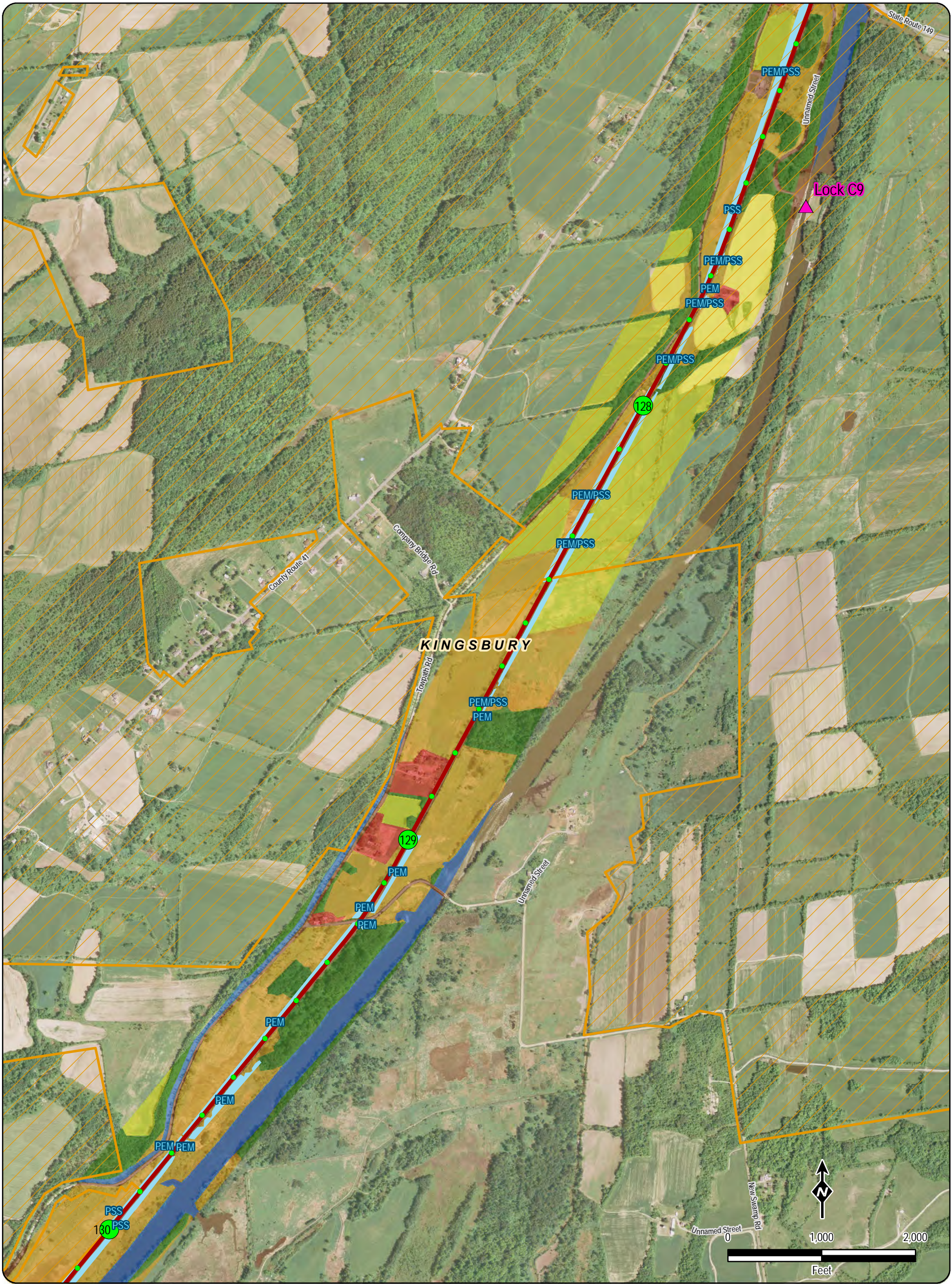
Note: Width of Cable Route lines are not drawn to scale

Village Name **TOWN NAME** Road Name

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Figure 2-1
Existing Land Use Within 600 Feet of the Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
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LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
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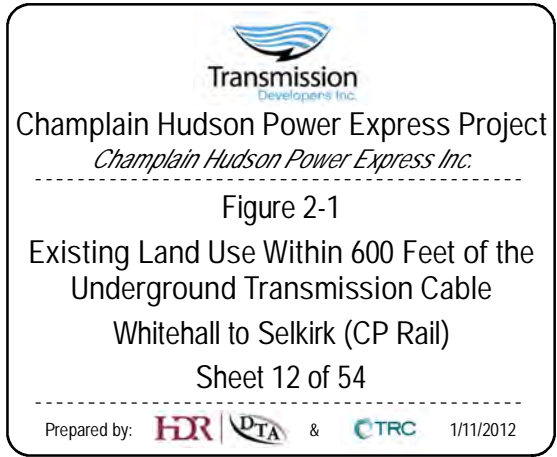
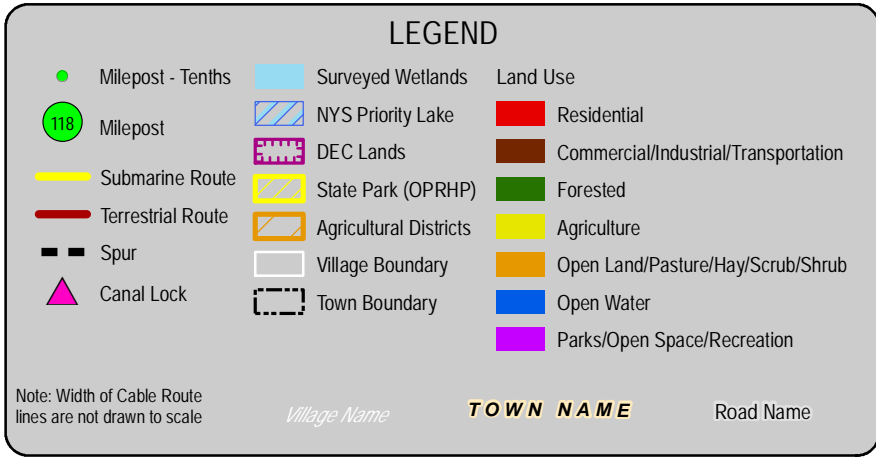
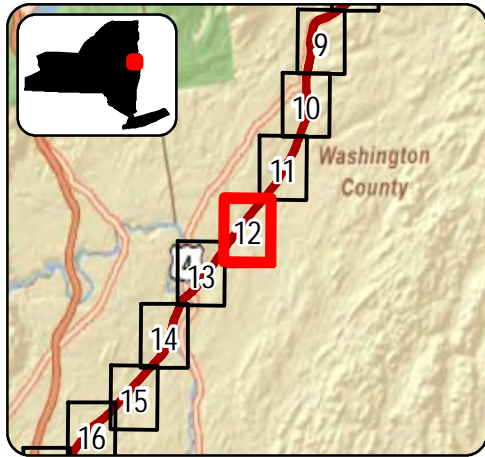
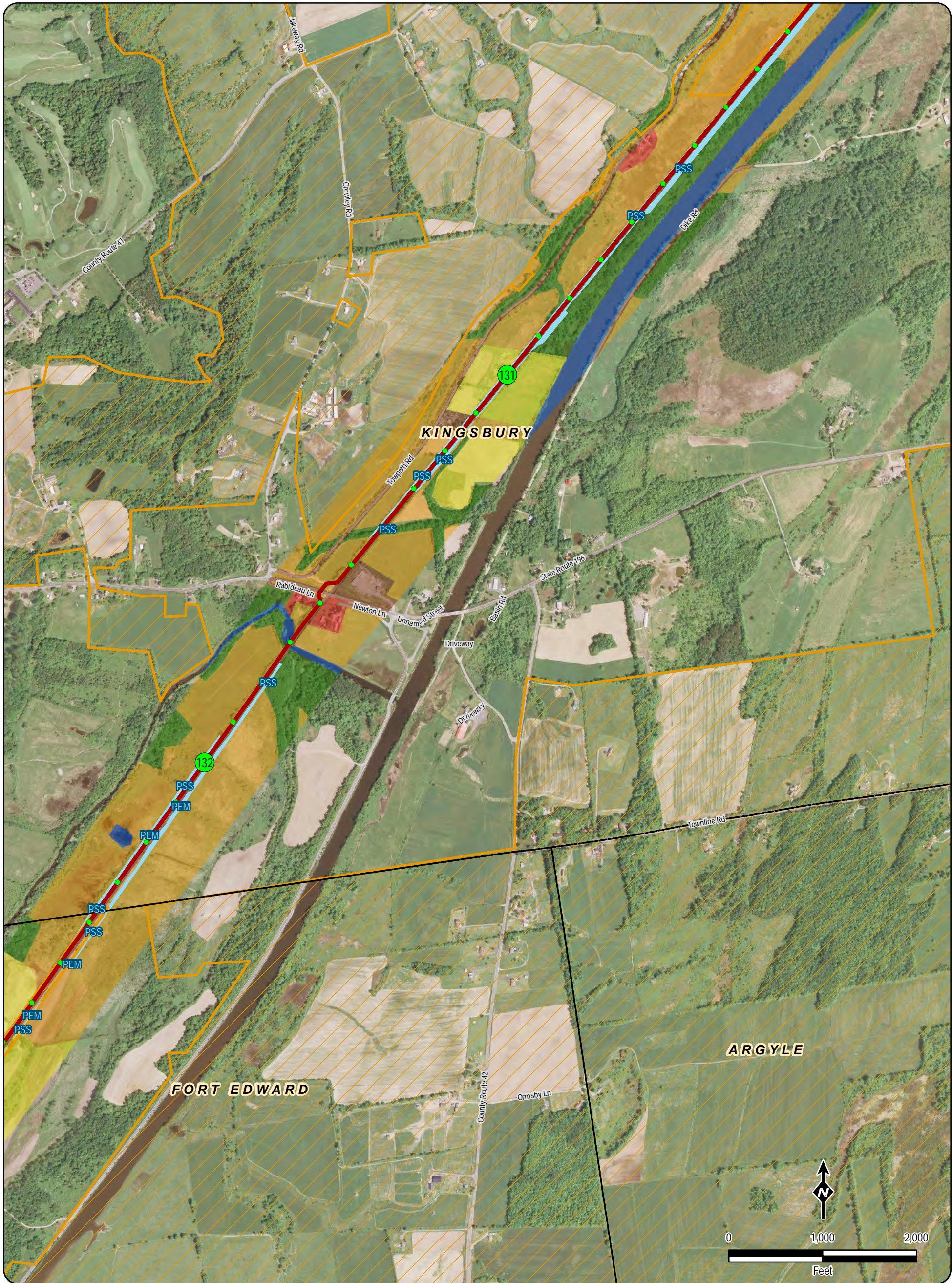
Village Name TOWN NAME Road Name

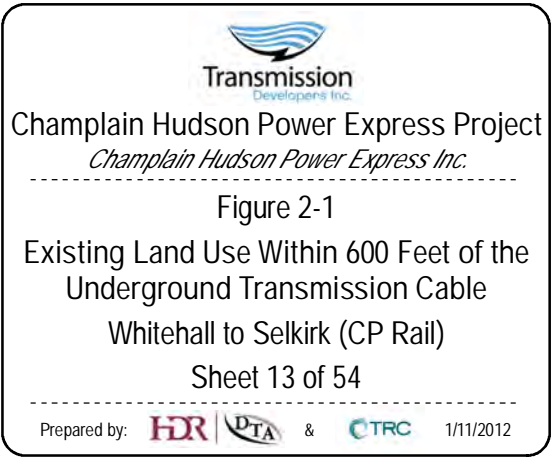
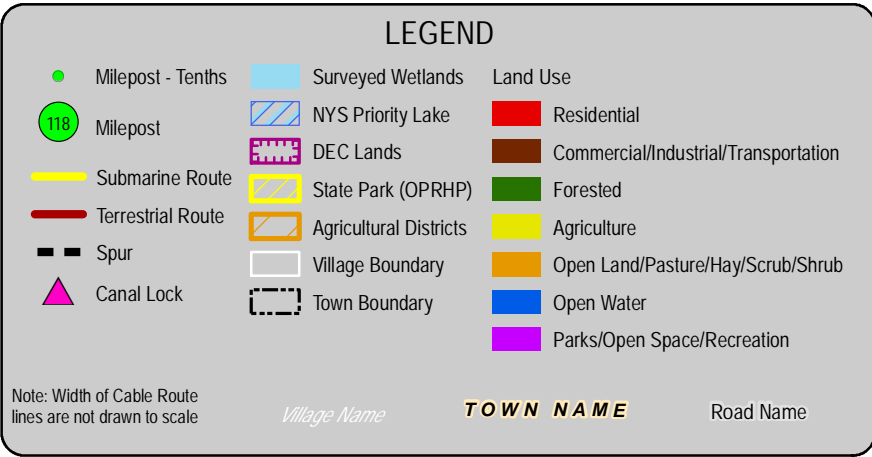
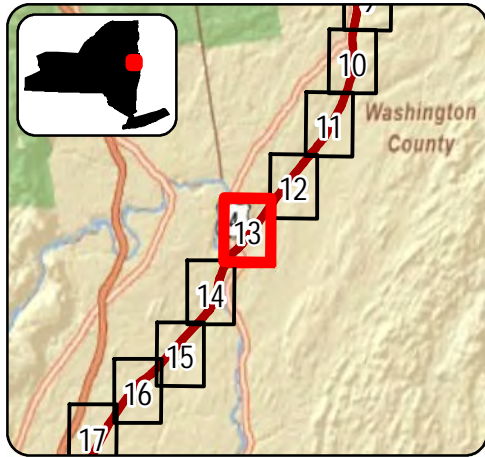
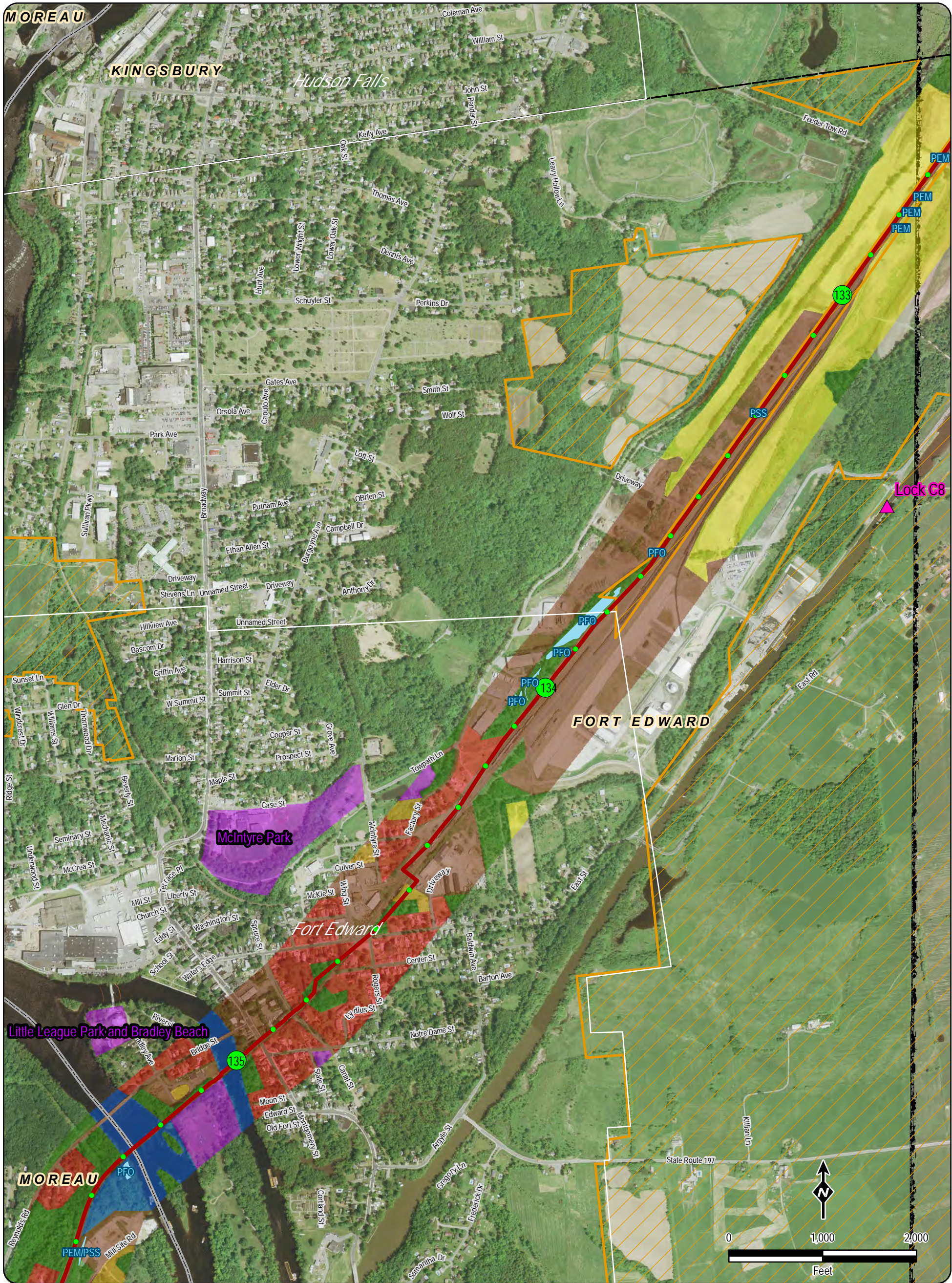
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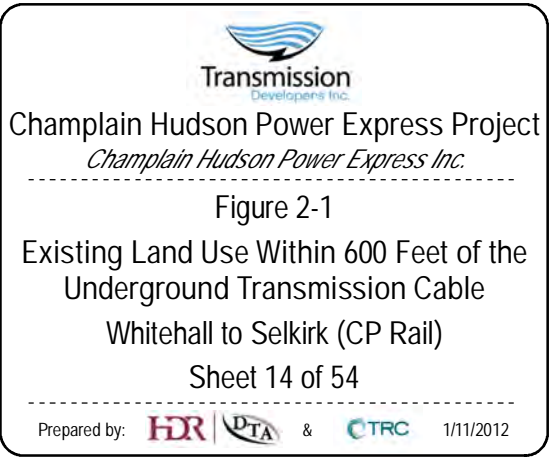
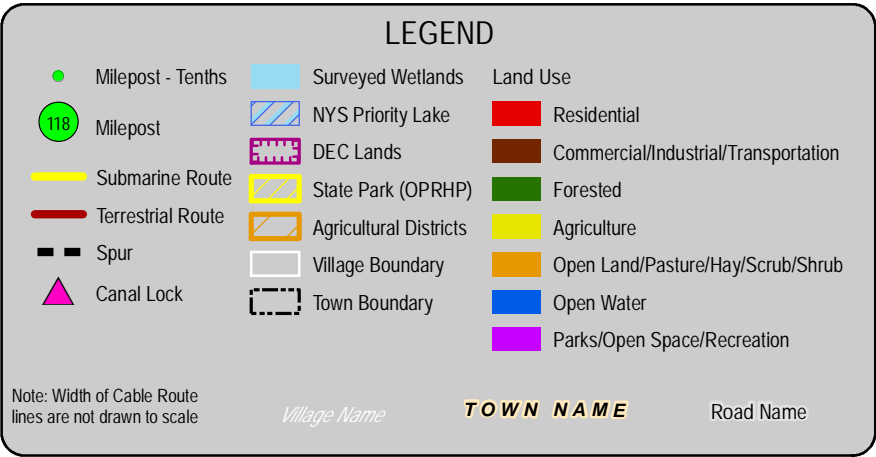
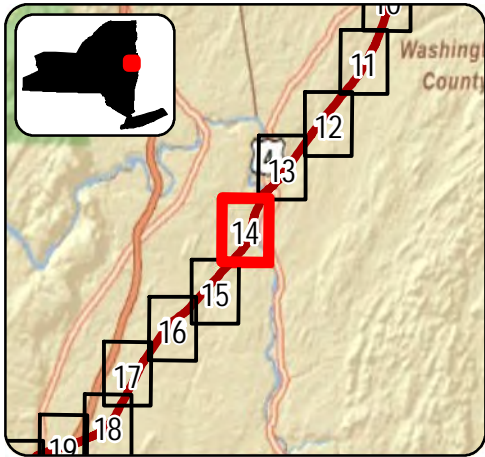
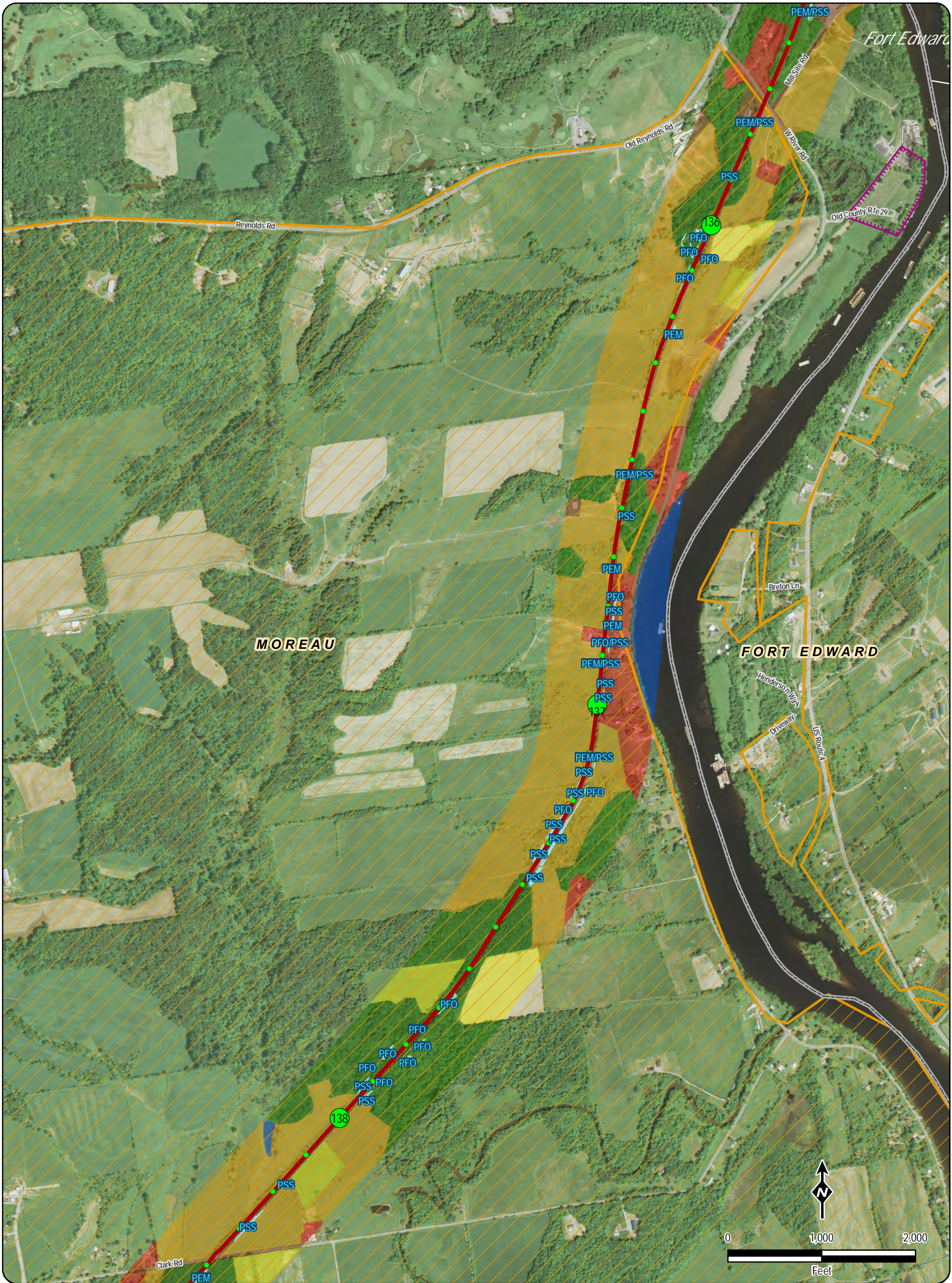
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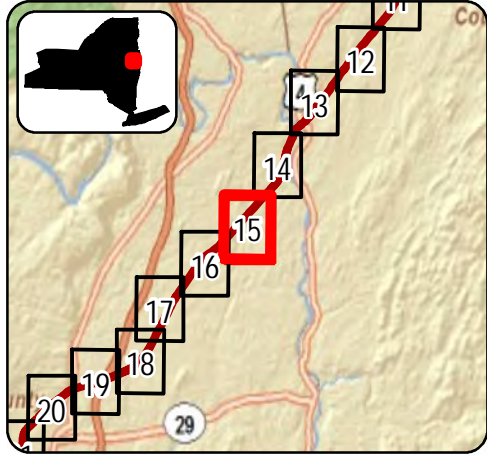
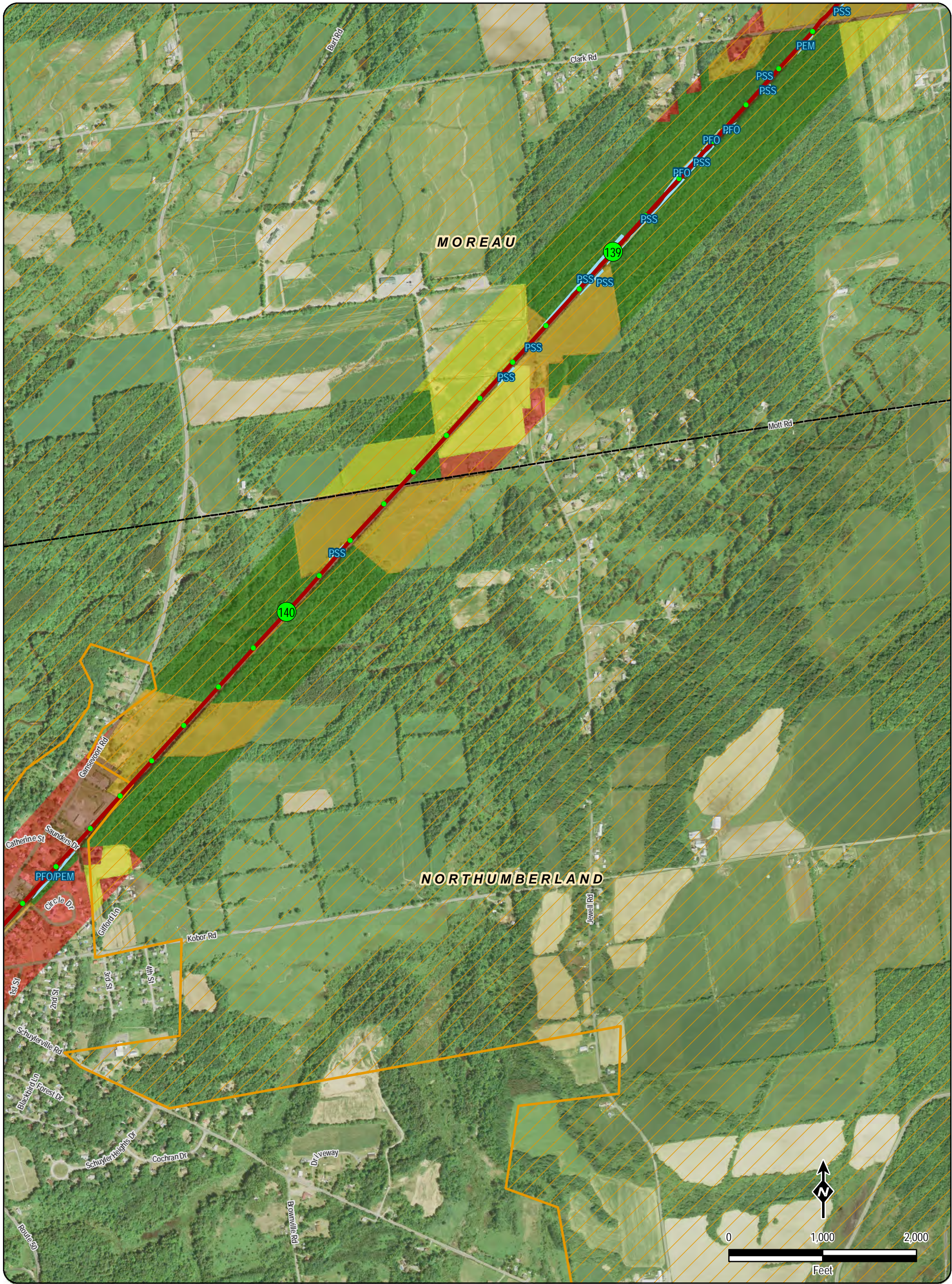
Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
Sheet 11 of 54

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LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
● Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
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Note: Width of Cable Route lines are not drawn to scale

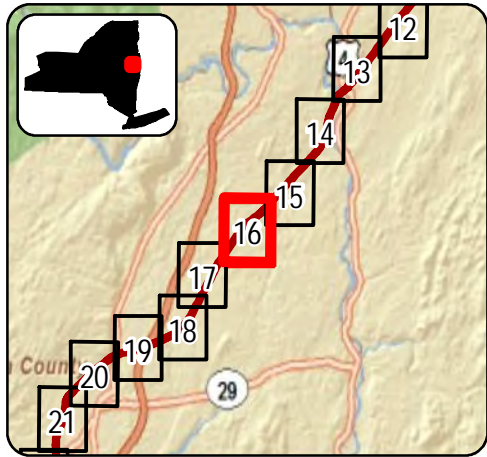
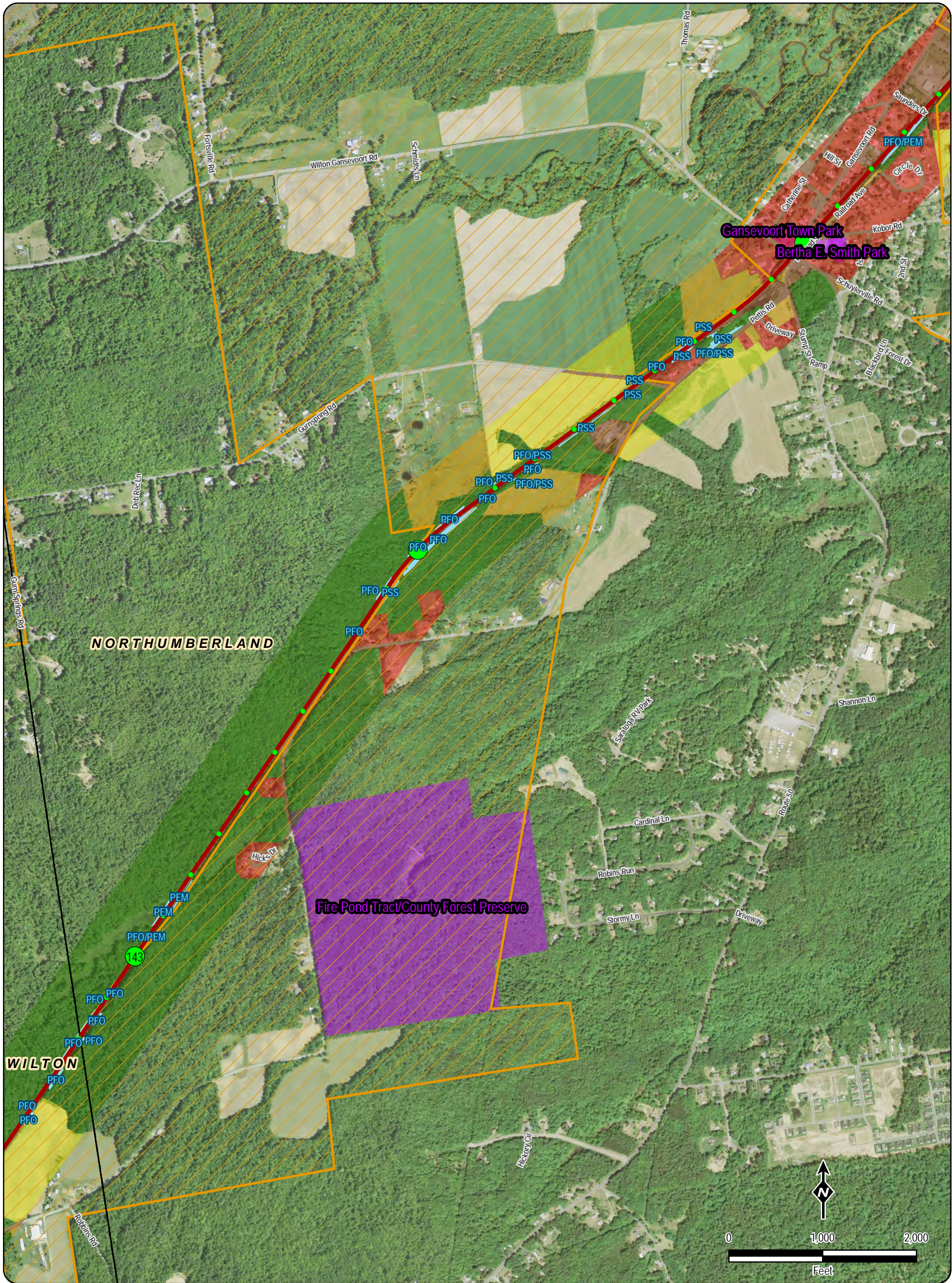
Village Name TOWN NAME Road Name

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Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
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LEGEND

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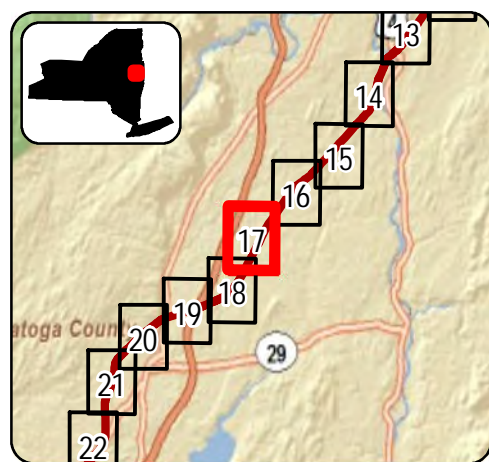
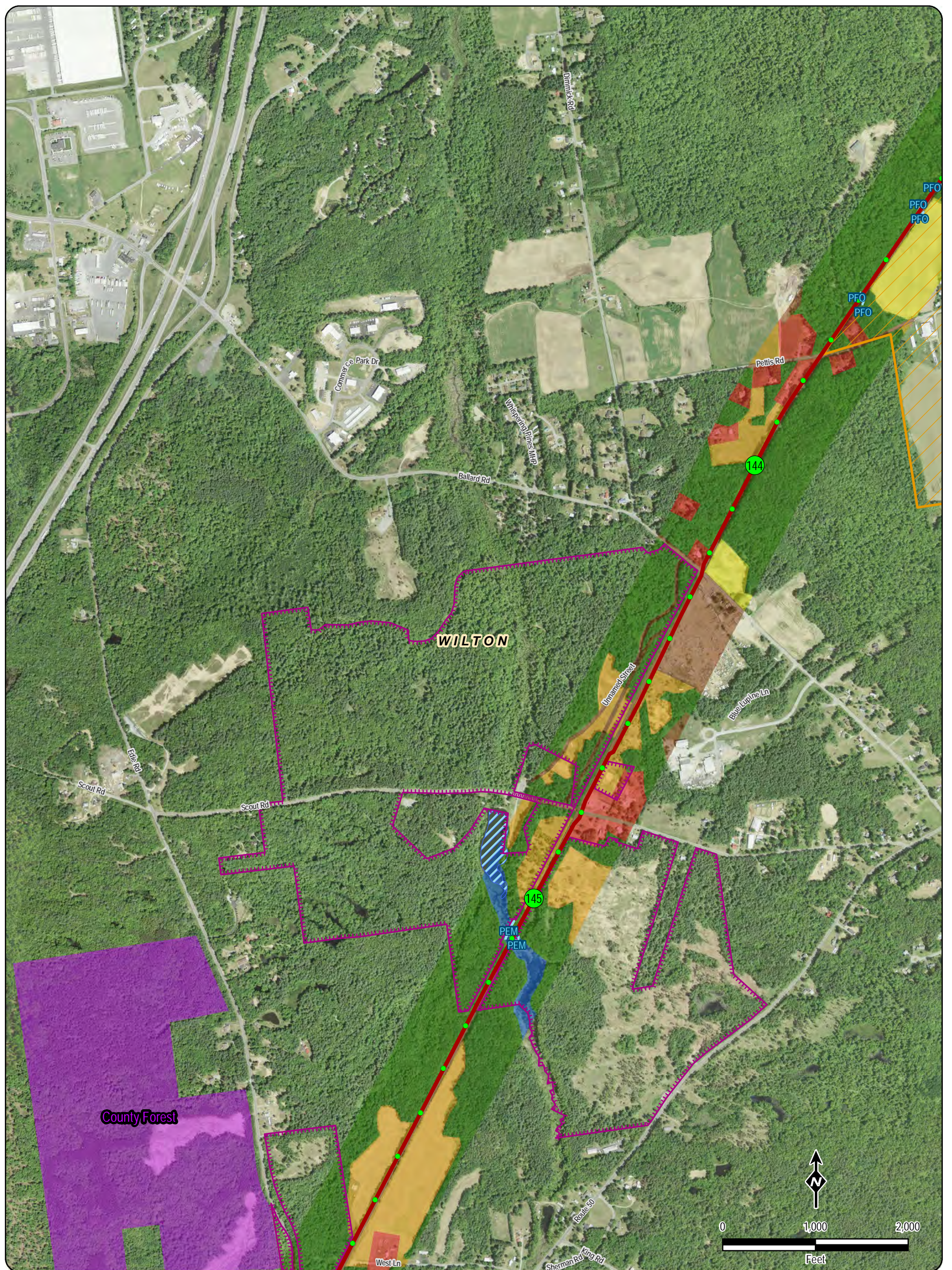
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Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
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LEGEND




<ul style="list-style-type: none"> ● Milepost - Tenths 118 Milepost Submarine Route Terrestrial Route Spur ▲ Canal Lock 	<ul style="list-style-type: none"> Surveyed Wetlands NYS Priority Lake DEC Lands State Park (OPRHP) Agricultural Districts Village Boundary Town Boundary 	<p>Land Use</p> <ul style="list-style-type: none"> Residential Commercial/Industrial/Transportation Forested Agriculture Open Land/Pasture/Hay/Scrub/Shrub Open Water Parks/Open Space/Recreation
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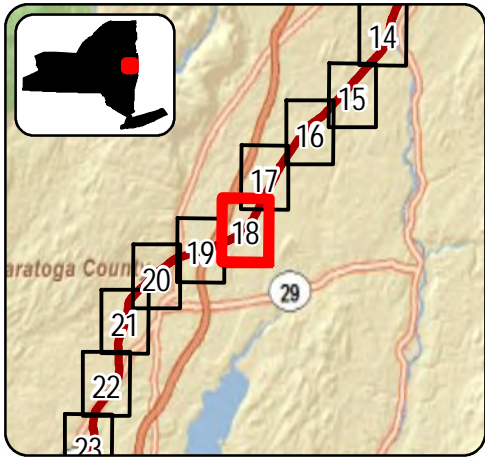
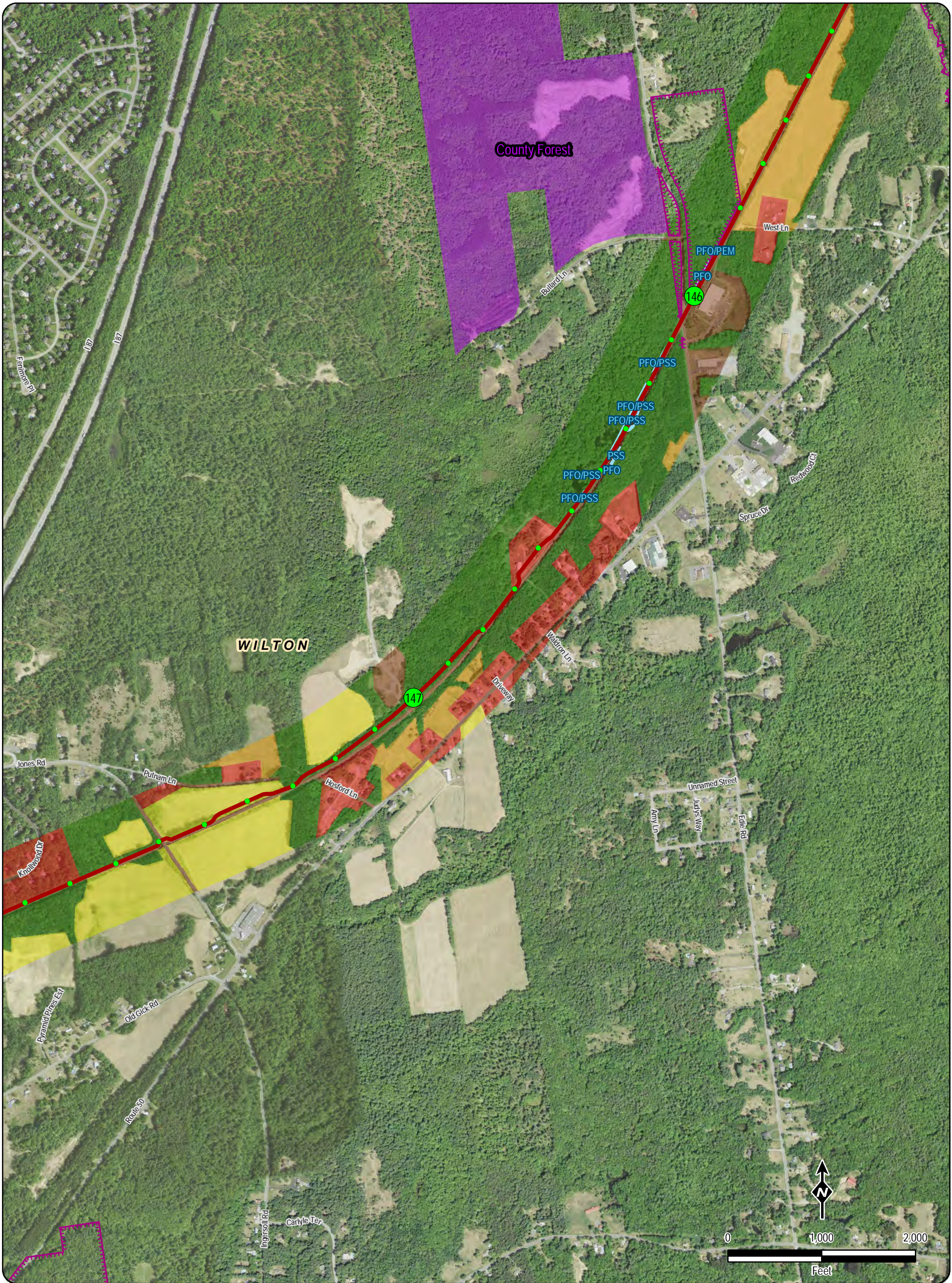
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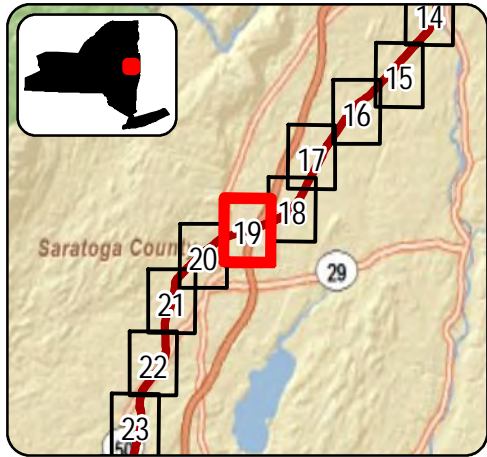
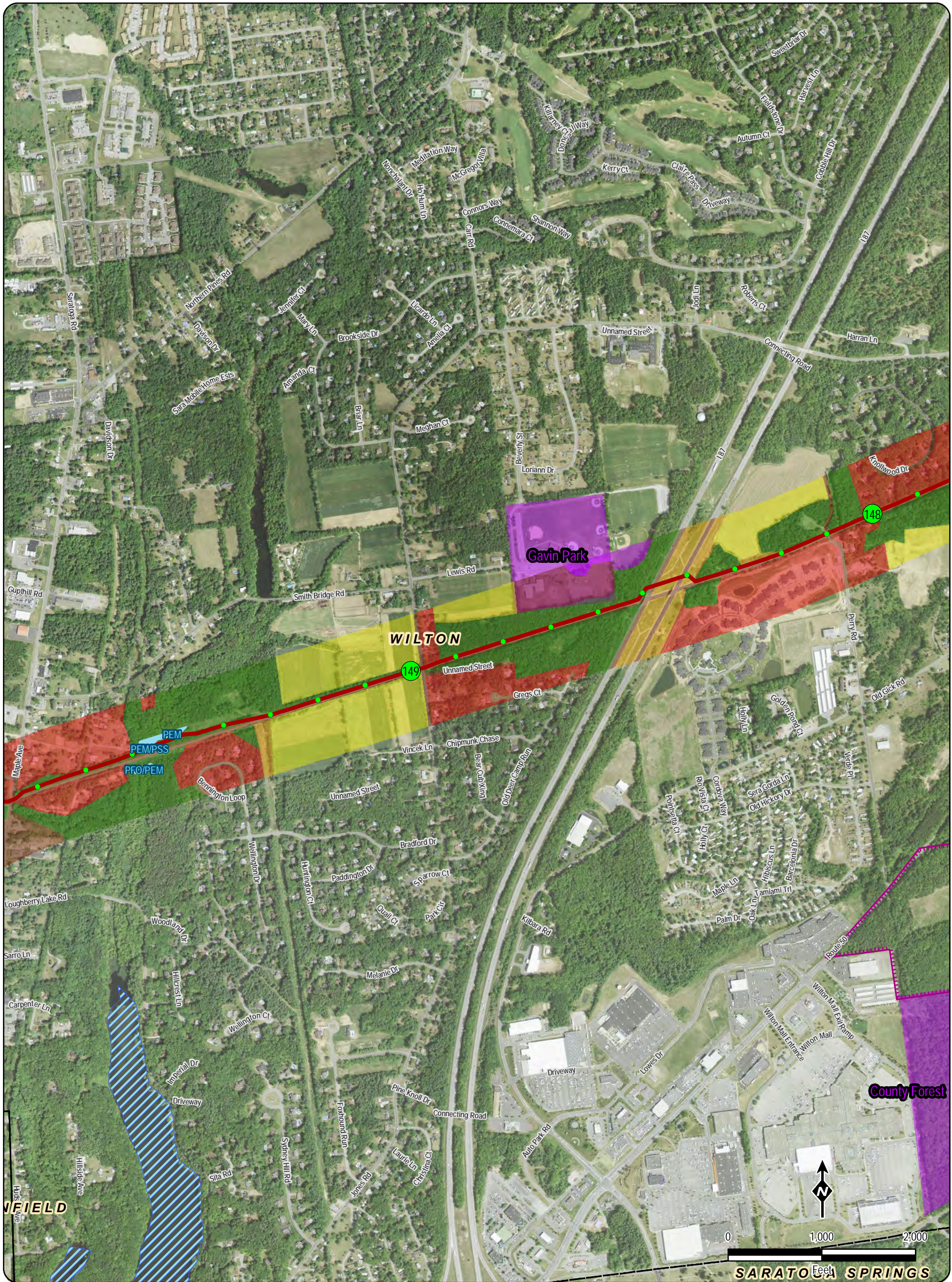
Village Name TOWN NAME Road Name

Transmission
Developers Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
Sheet 18 of 54

Prepared by: **HDR** **DTA** & **CTRC** 1/11/2012



LEGEND		
Milepost - Tenths	Surveyed Wetlands	Land Use
Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation
Note: Width of Cable Route lines are not drawn to scale		
Village Name TOWN NAME Road Name		

Transmission Developers Inc.

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

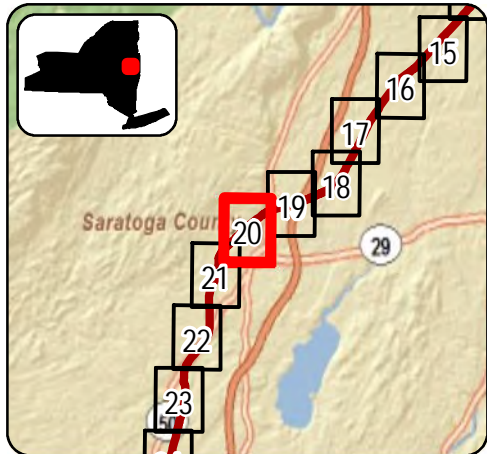
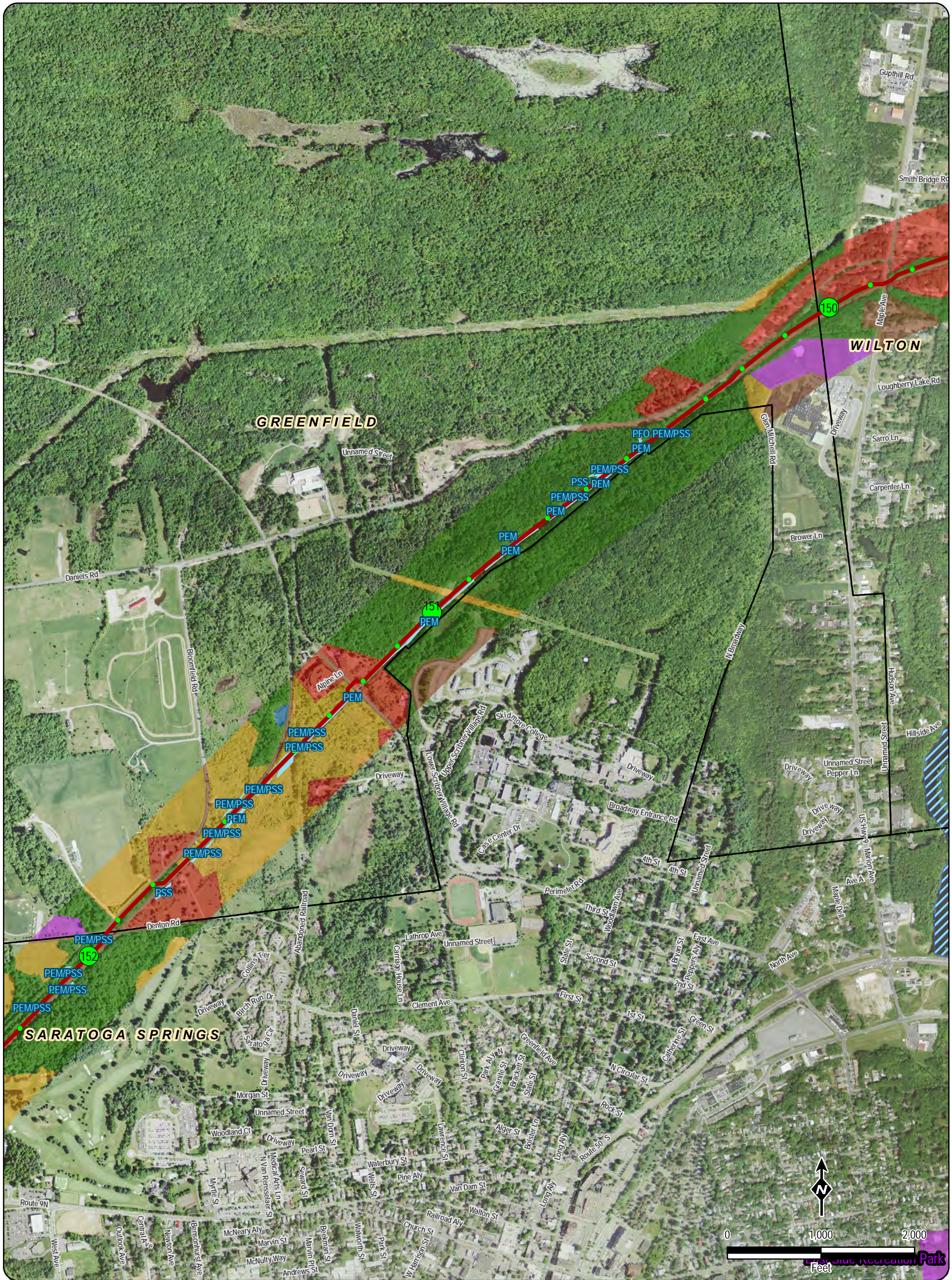
Figure 2-1

Existing Land Use Within 600 Feet of the Underground Transmission Cable

Whitehall to Selkirk (CP Rail)

Sheet 19 of 54

Prepared by: & 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
● Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

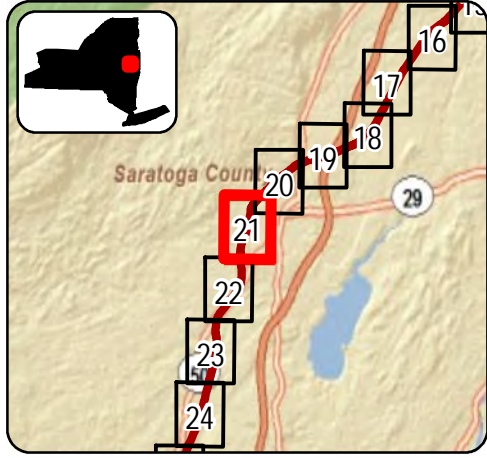
Village Name TOWN NAME Road Name

Transmission Developers Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
Sheet 20 of 54

Prepared by: **HDR** **DTA** & **CTRC** 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

Village Name TOWN NAME Road Name

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

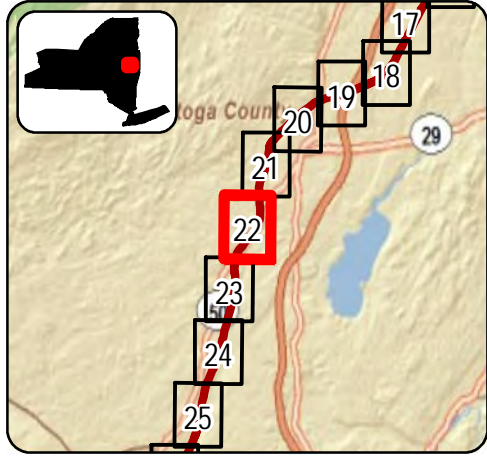
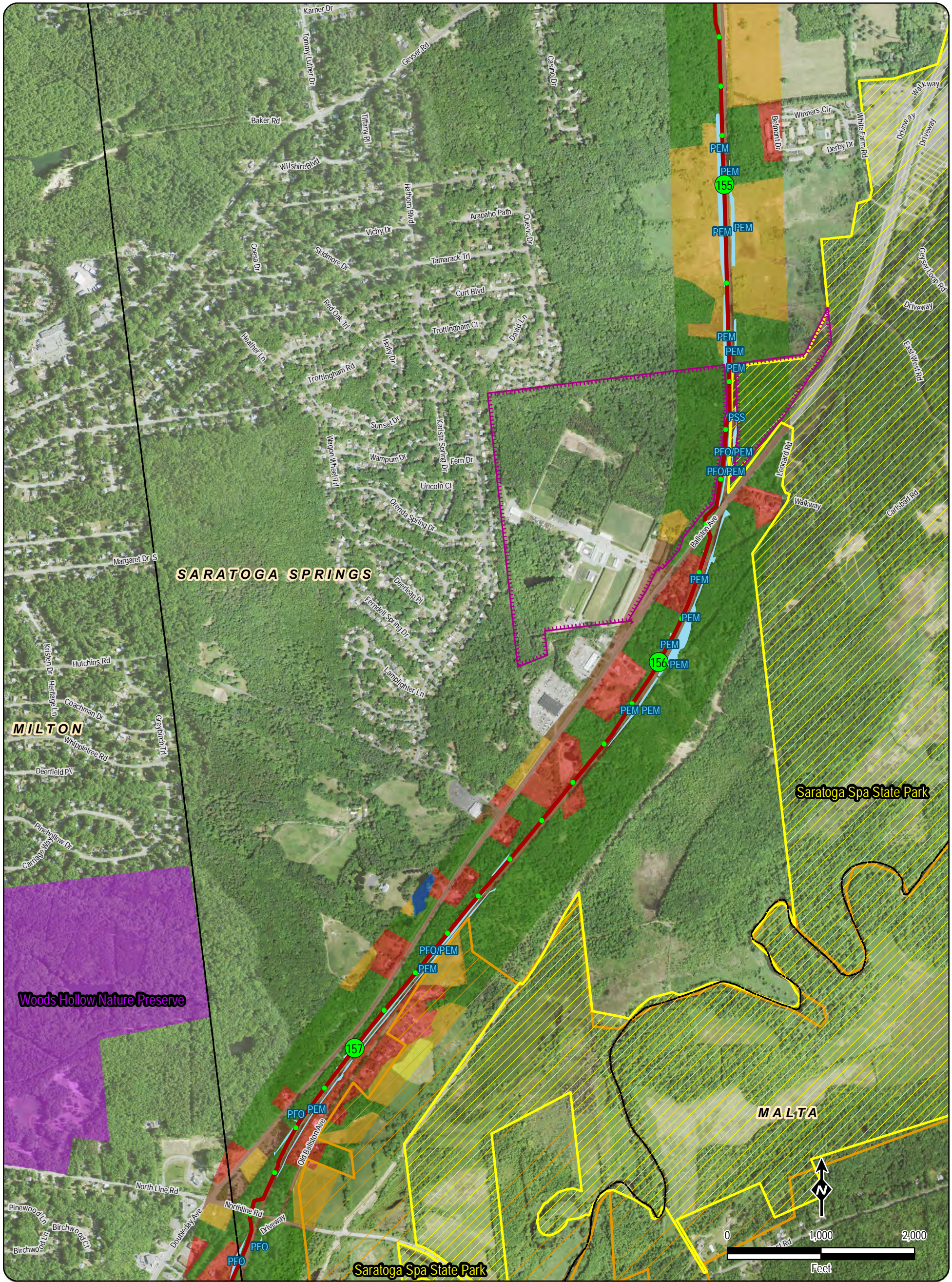
Figure 2-1

Existing Land Use Within 600 Feet of the Underground Transmission Cable

Whitehall to Selkirk (CP Rail)

Sheet 21 of 54

Prepared by: HDR DTA & CTRC 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

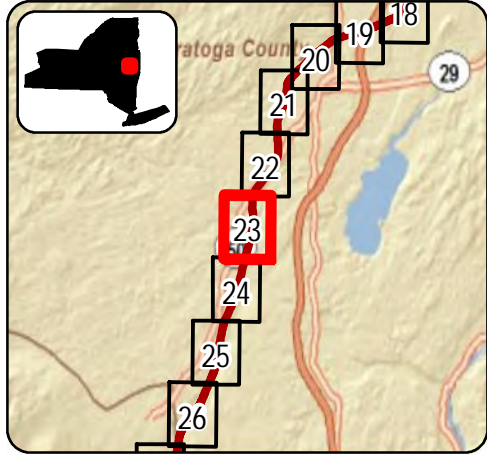
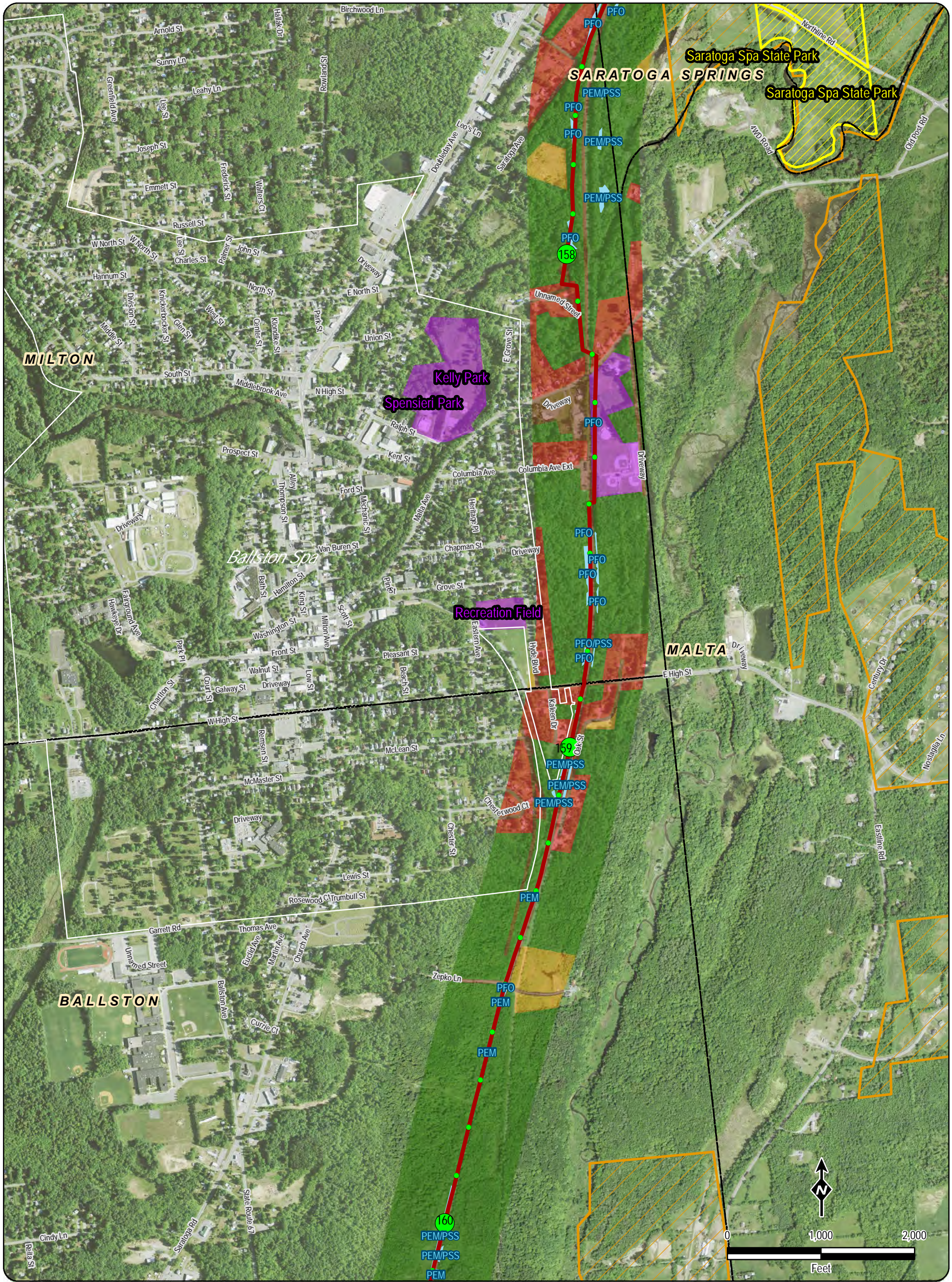
Village Name TOWN NAME Road Name

Transmission Developments Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
Sheet 22 of 54

Prepared by: HDR DTA & CTRC 1/11/2012



LEGEND

Milepost - Tenths	Surveyed Wetlands	Land Use
Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

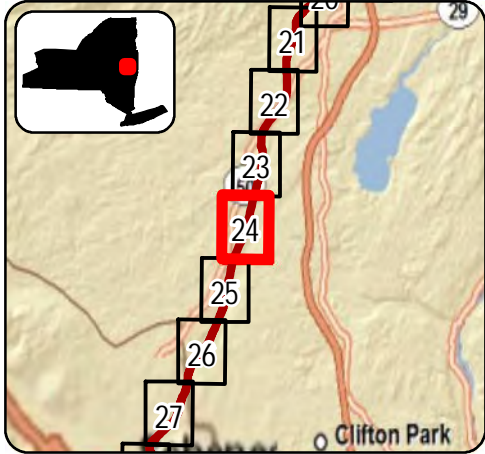
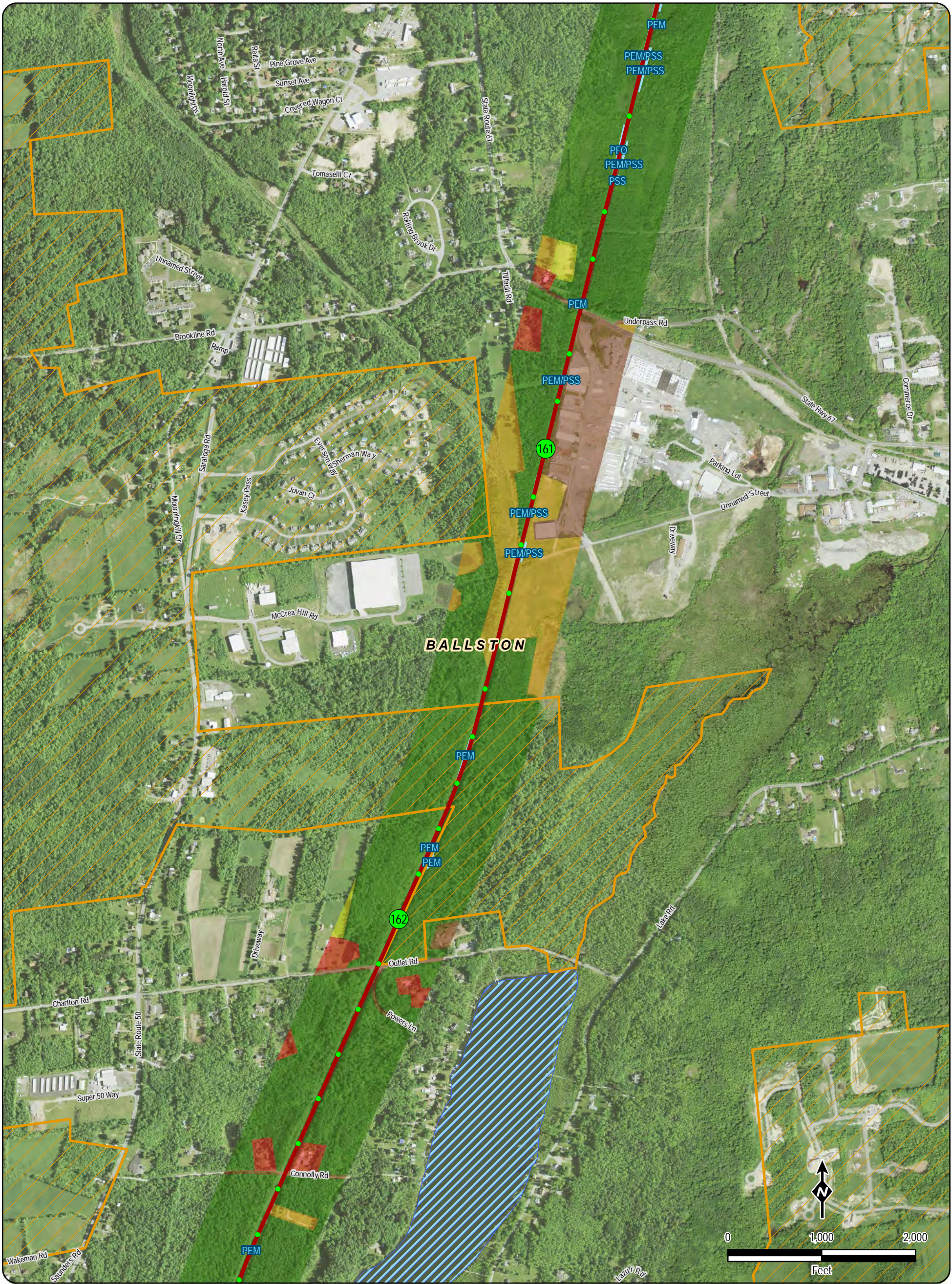
Note: Width of Cable Route lines are not drawn to scale

Village Name **TOWN NAME** Road Name

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
Sheet 23 of 54

Prepared by: & 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

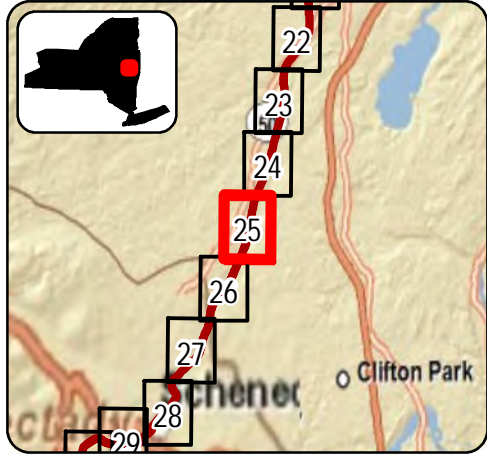
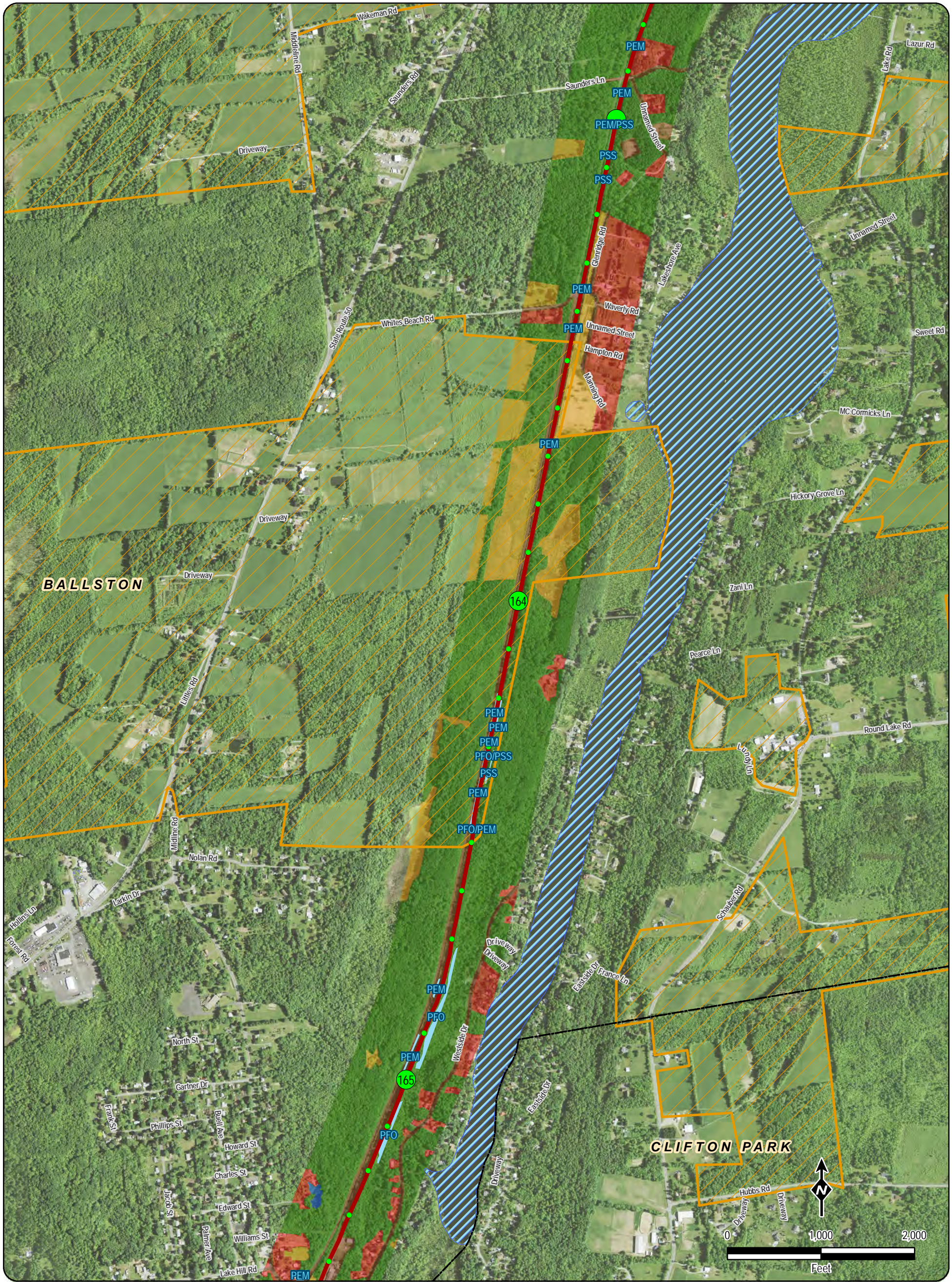
Village Name TOWN NAME Road Name

Transmission
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Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
Sheet 24 of 54

Prepared by: HDR DTA & CTRC 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

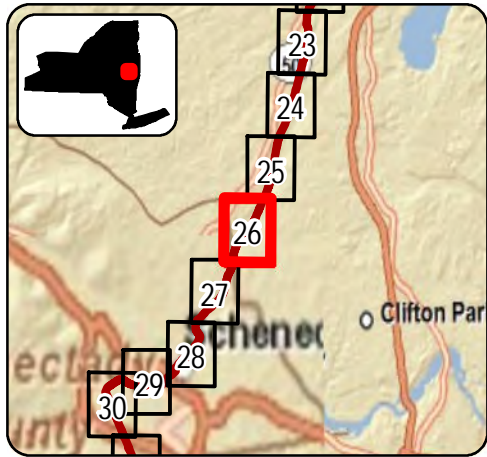
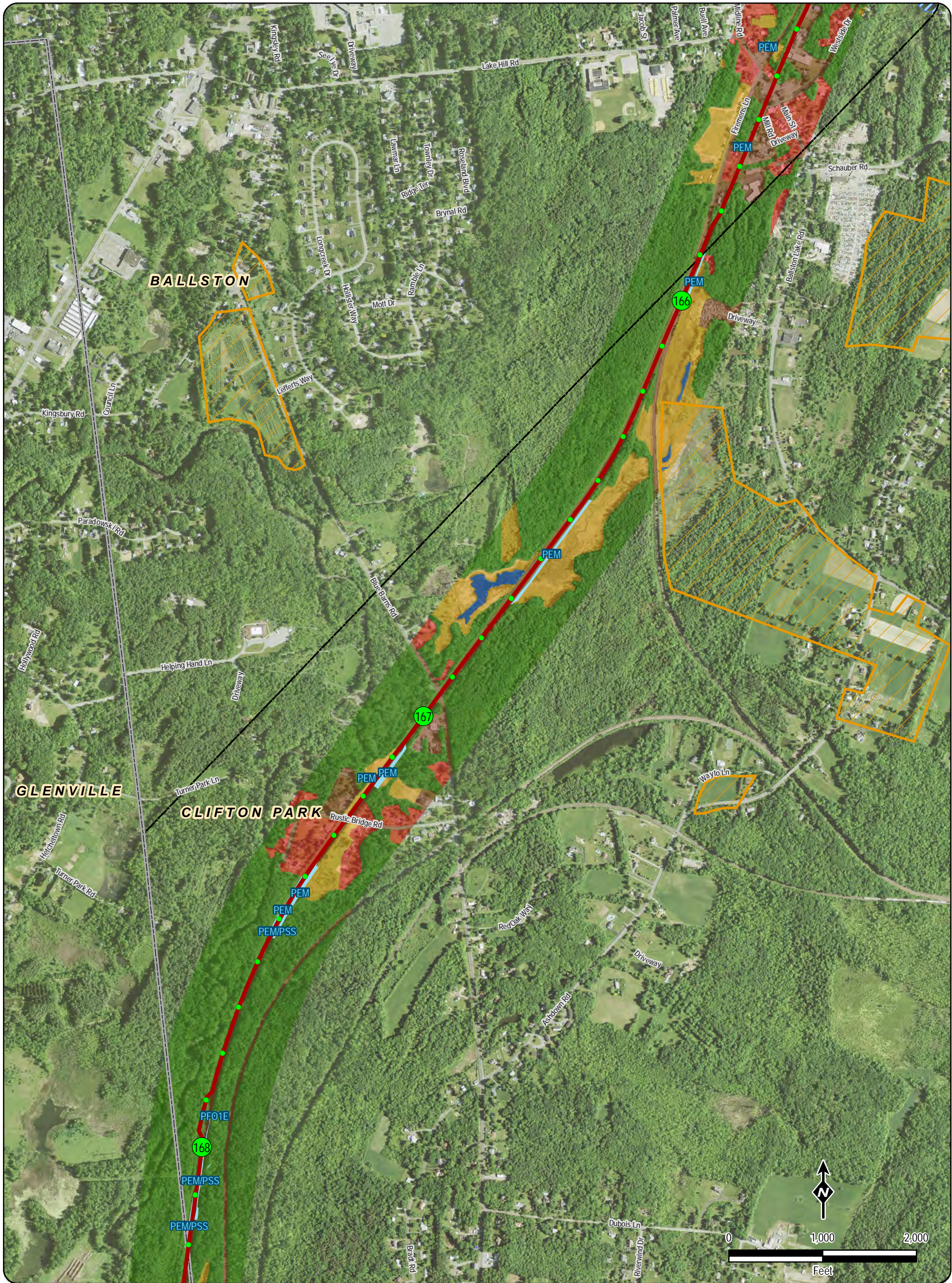
Village Name TOWN NAME Road Name

Transmission
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Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
Sheet 25 of 54

Prepared by: **HDR** **DTA** & **CTRC** 1/11/2012



LEGEND

Milepost - Tenths	Surveyed Wetlands	Land Use
Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

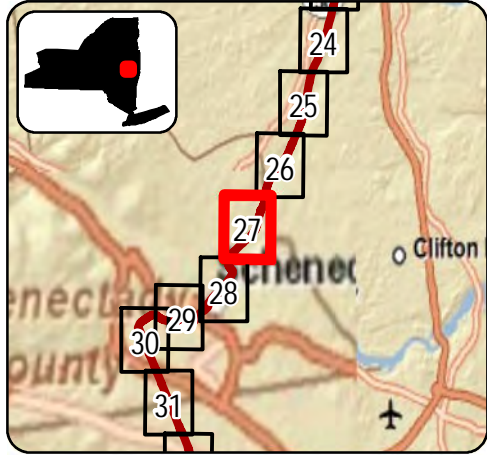
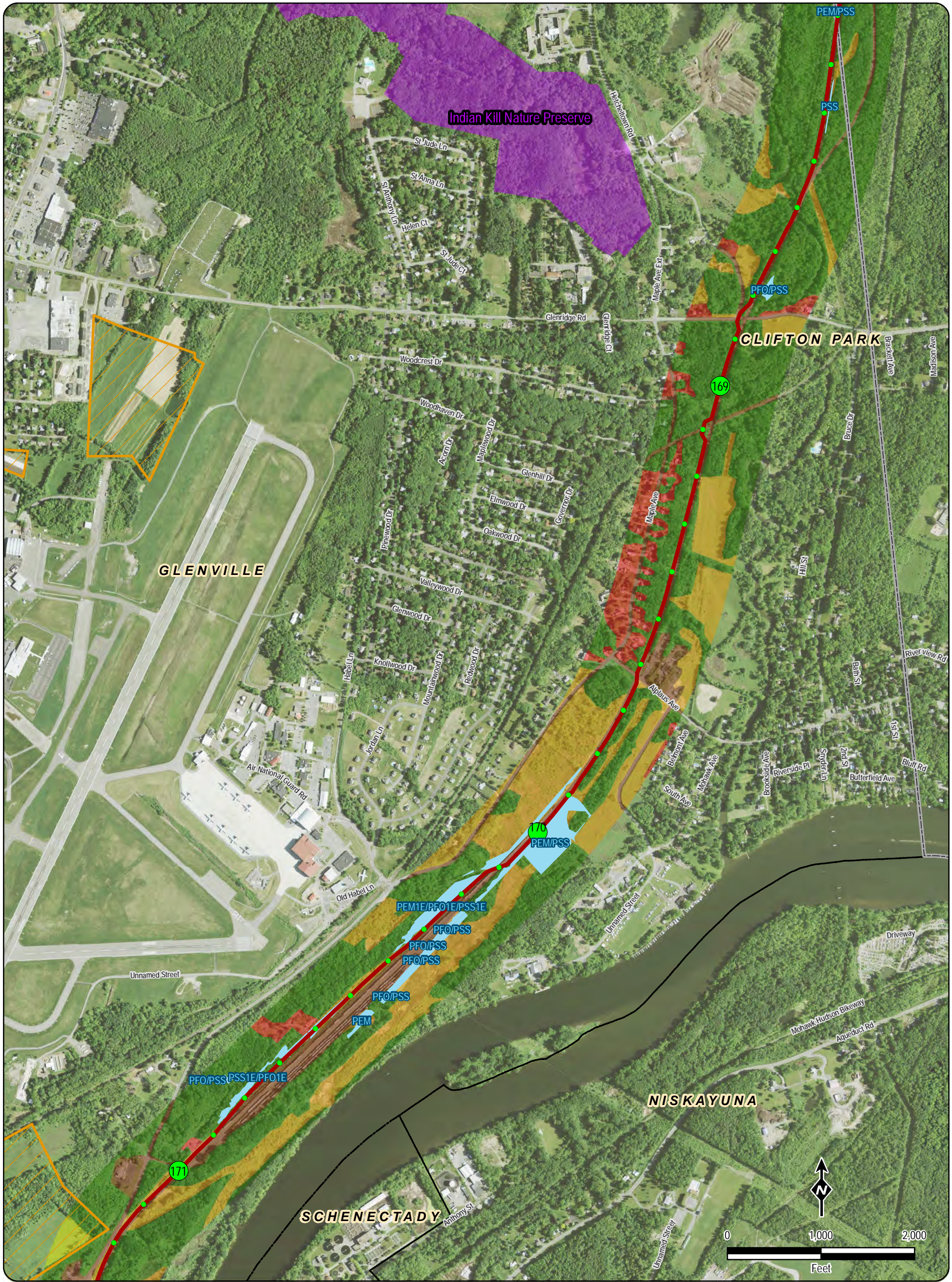
Note: Width of Cable Route lines are not drawn to scale

Village Name **TOWN NAME** Road Name

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
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Prepared by: & 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

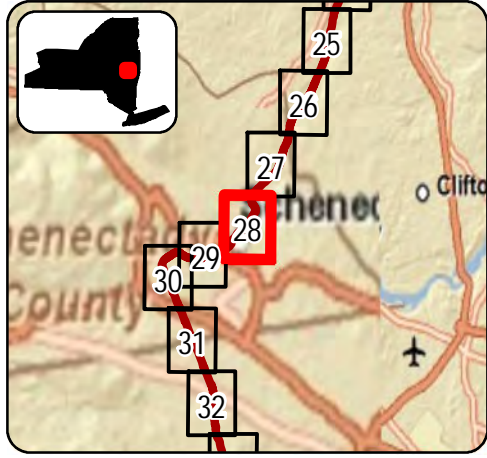
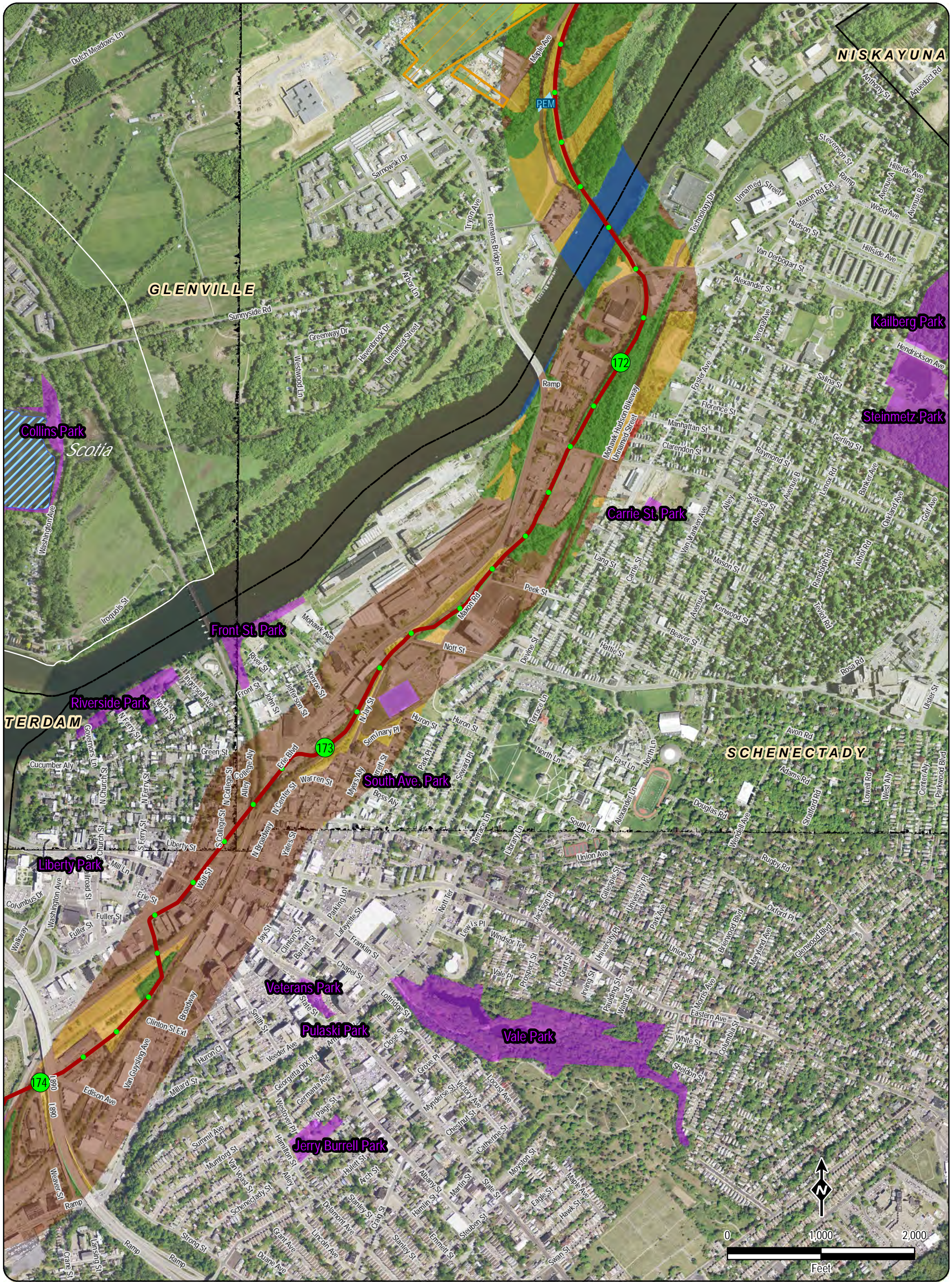
Village Name TOWN NAME Road Name

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Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
Sheet 27 of 54

Prepared by: **HDR** **DTA** & **CTRC** 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
● Milepost	NYS Priority Lake	Residential
— Submarine Route	DEC Lands	Commercial/Industrial/Transportation
— Terrestrial Route	State Park (OPRHP)	Forested
— Spur	Agricultural Districts	Agriculture
▲ Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

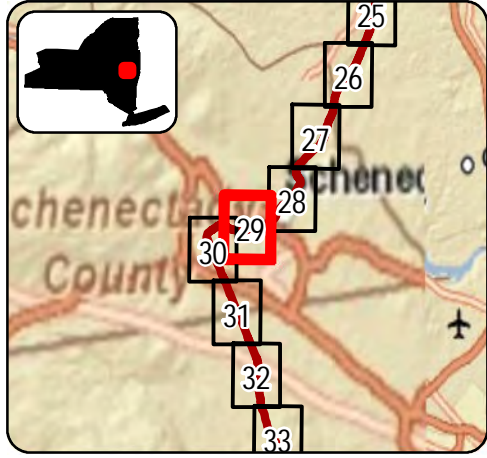
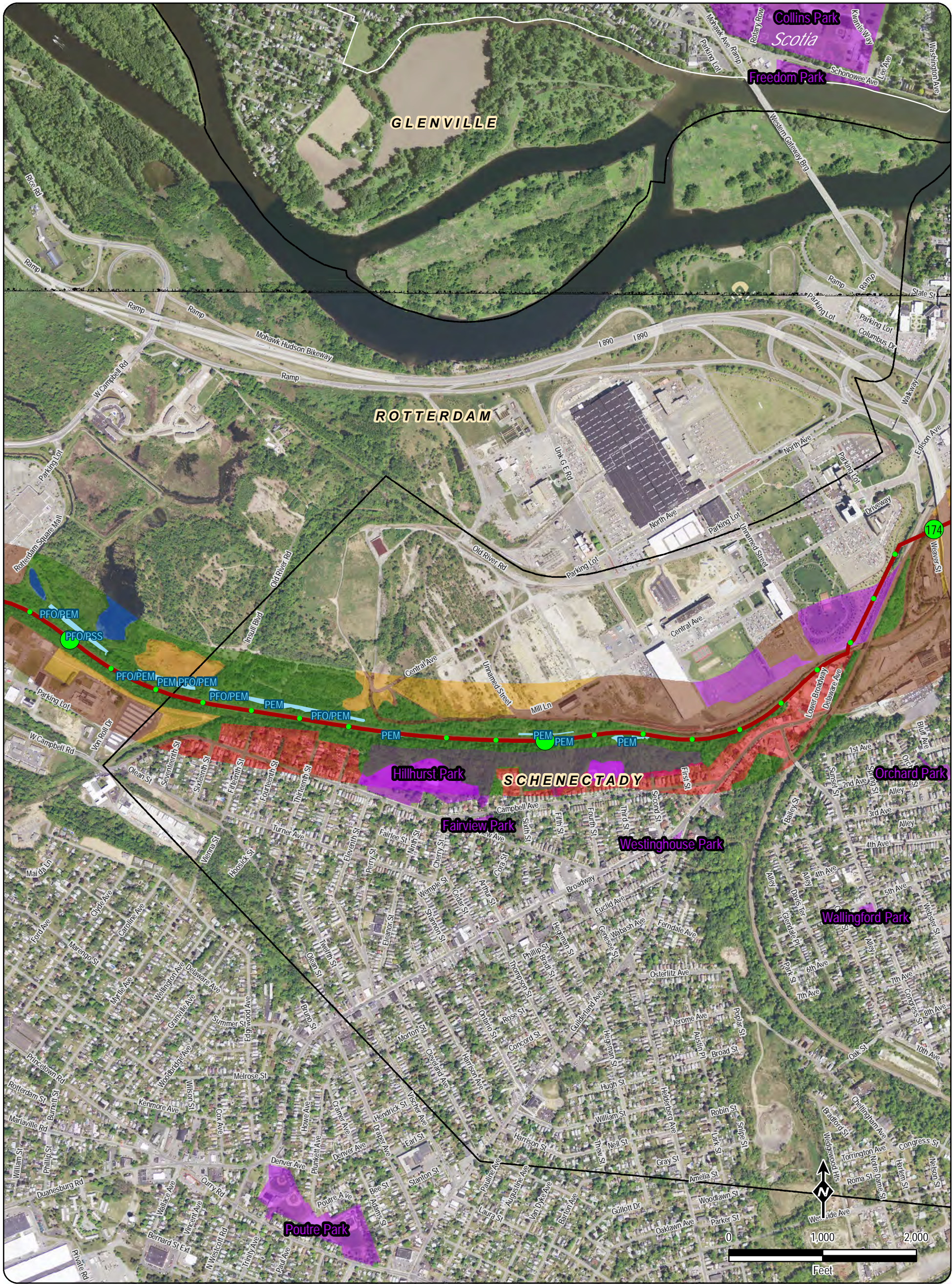
Village Name TOWN NAME Road Name

Transmission
Developments Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
Sheet 28 of 54

Prepared by: **HDR** **DTA** & **CTRC** 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
● 118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

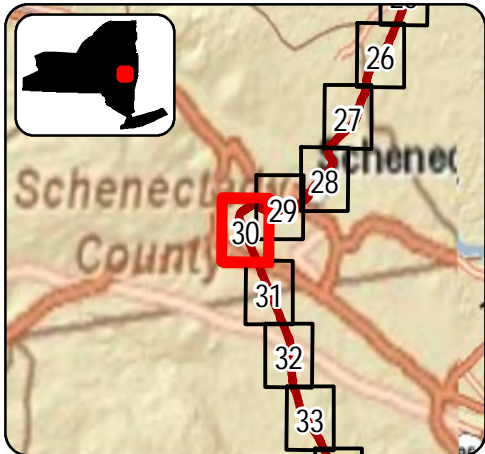
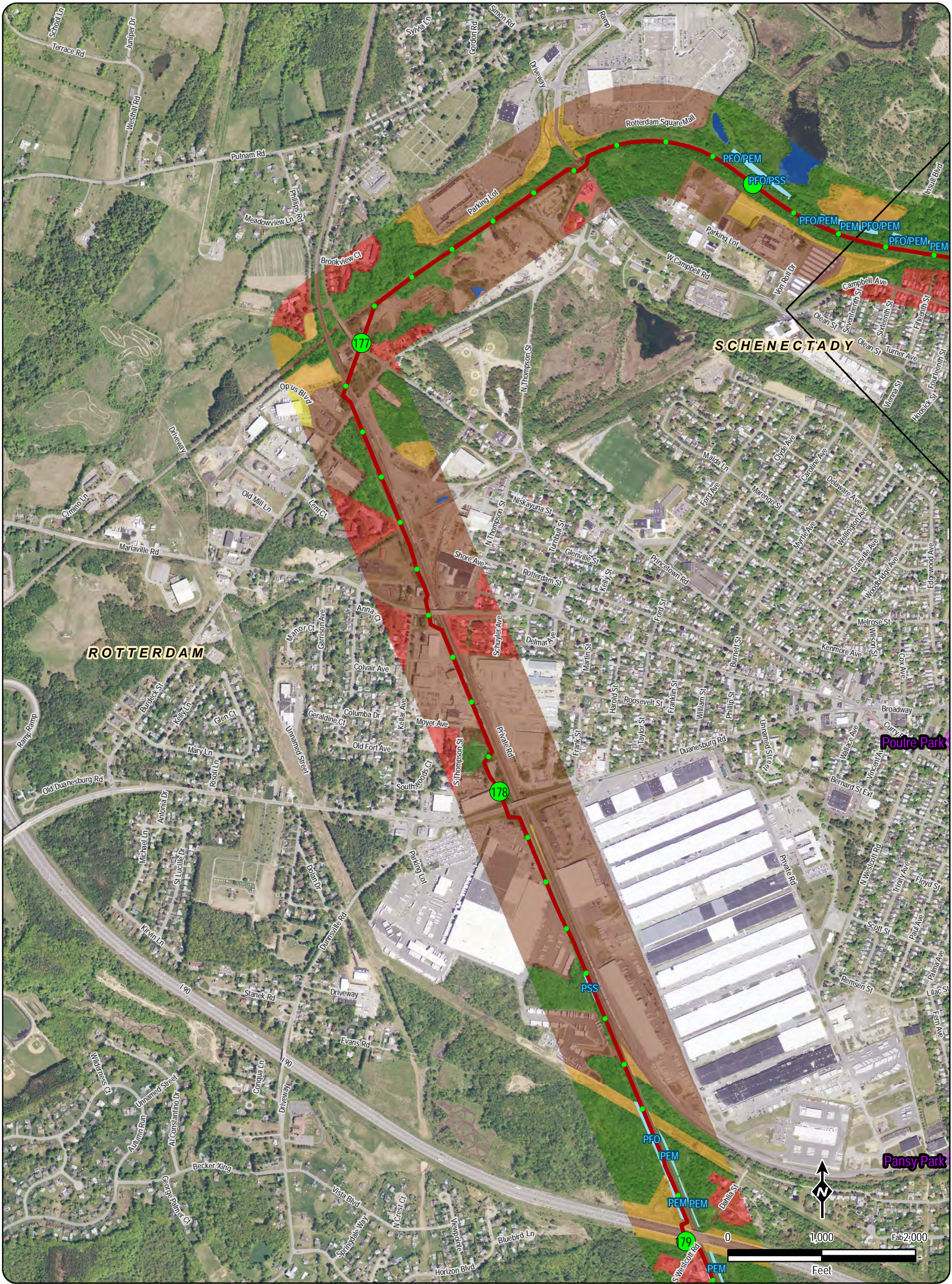
Village Name TOWN NAME Road Name

Transmission
Developers Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
Sheet 29 of 54

Prepared by: HDR DTA & CTRC 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

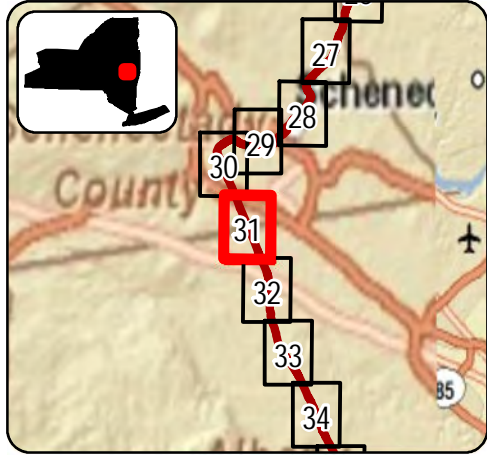
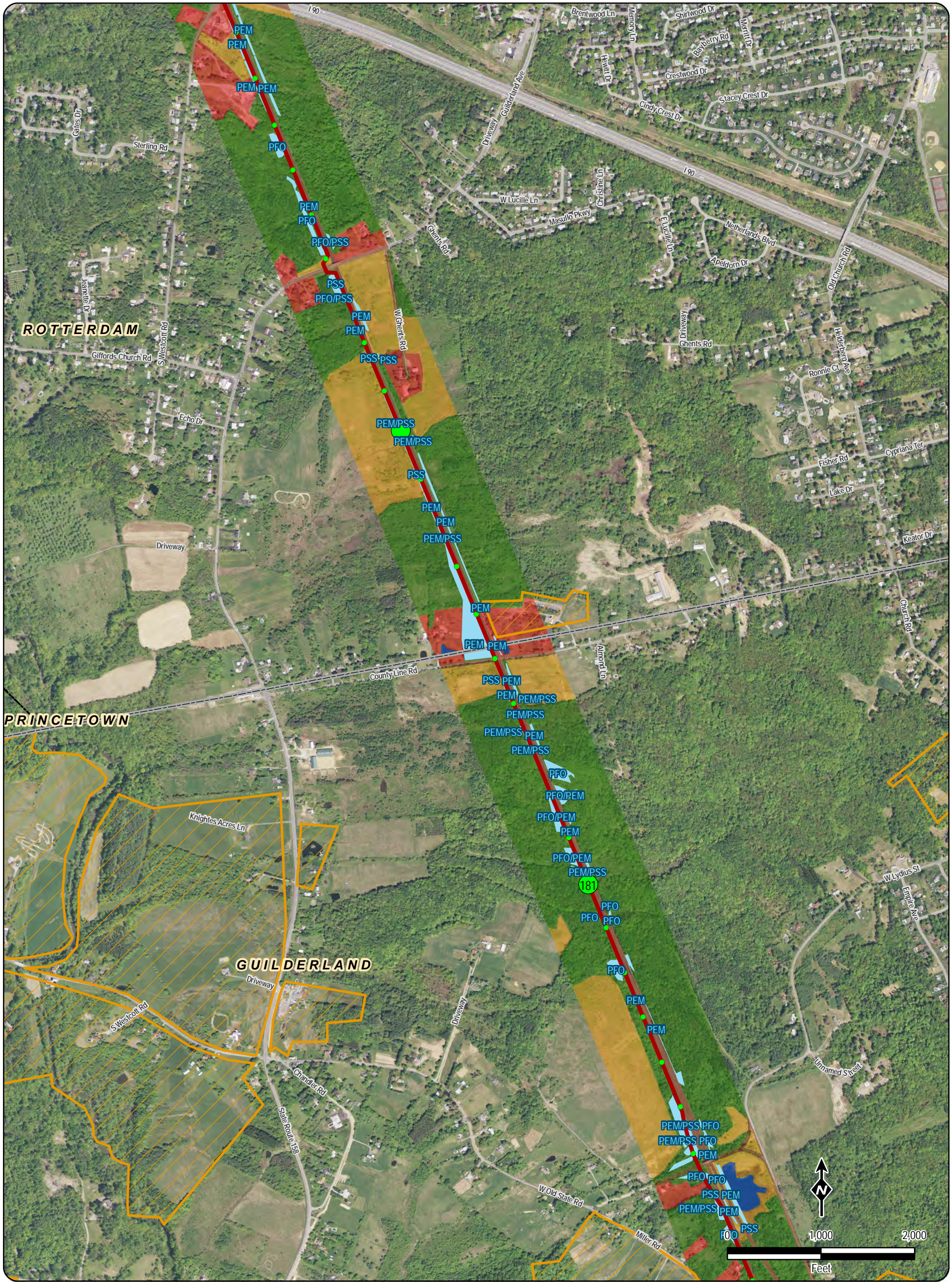
Village Name TOWN NAME Road Name

Transmission
Developers Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CSX Rail)
Sheet 30 of 54

Prepared by: **HDR** **DTA** & **CTRC** 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

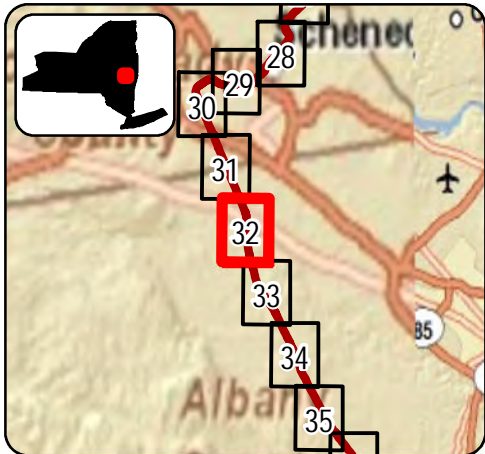
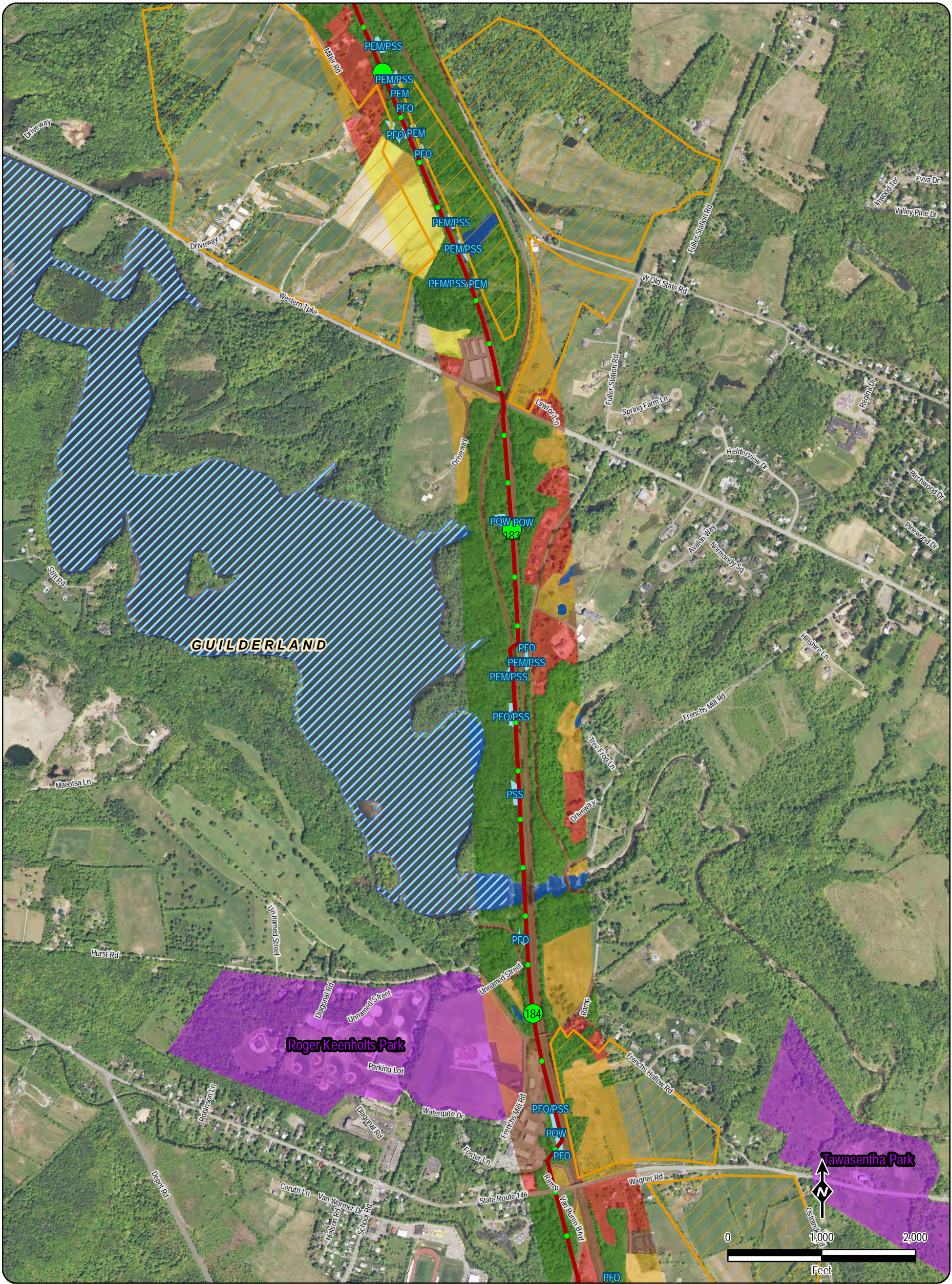
Village Name TOWN NAME Road Name

Transmission
Developers Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CSX Rail)
Sheet 31 of 54

Prepared by: **HDR** **DTA** & **CTRC** 1/11/2012

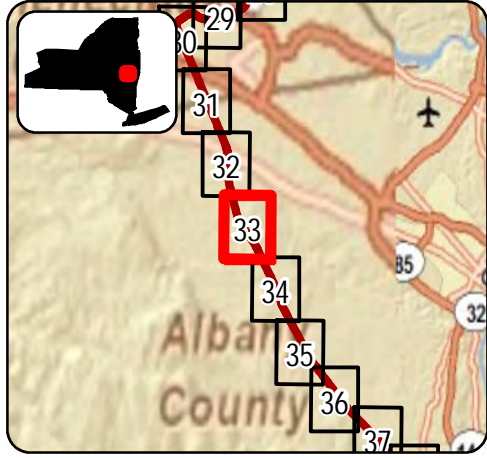
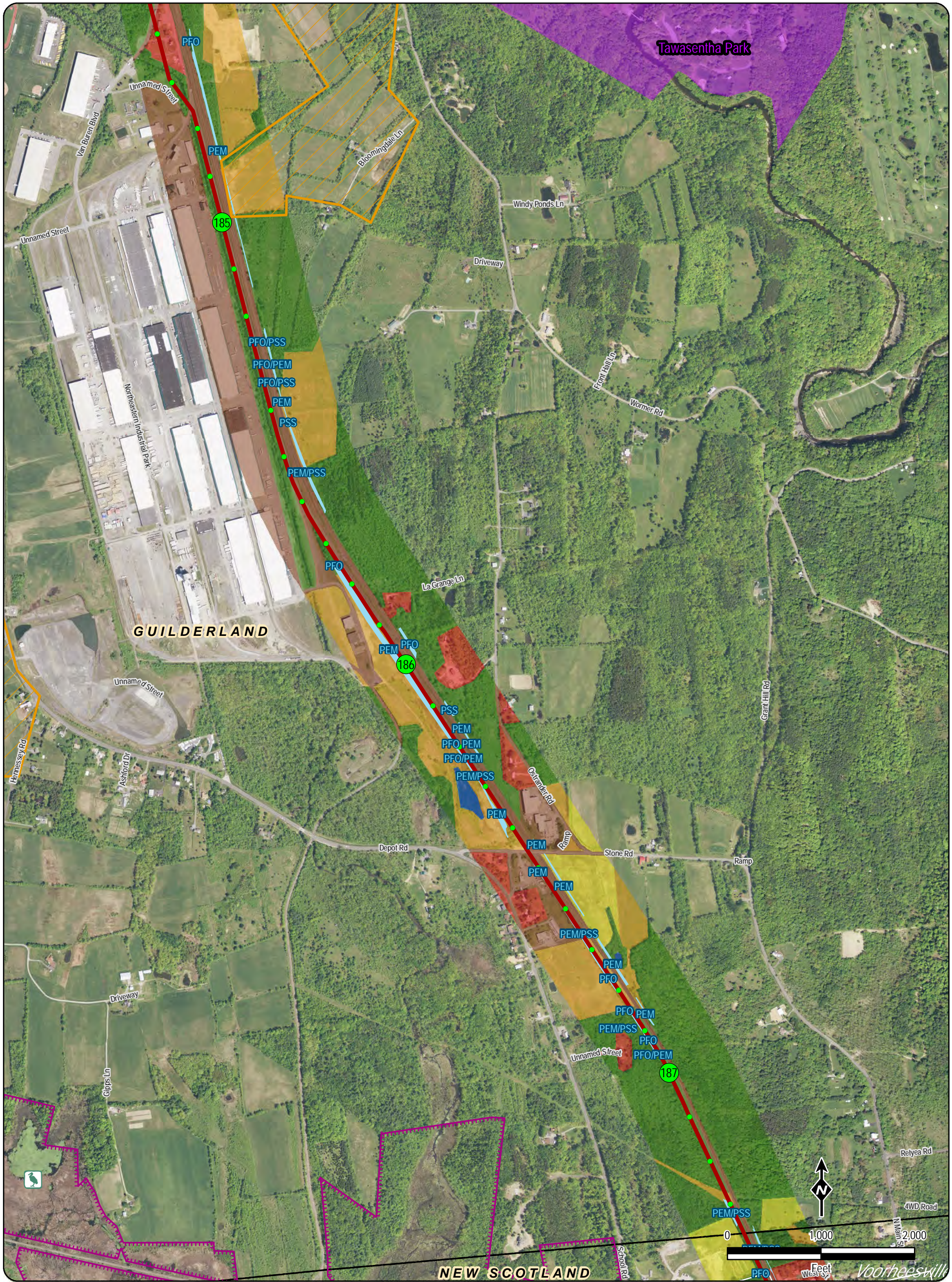


LEGEND		
Milepost - Tenths	Surveyed Wetlands	Land Use
Milepost	NYS Priority Lake	
Submarine Route	DEC Lands	Residential
Terrestrial Route	State Park (OPRHP)	Commercial/Industrial/Transportation
Spur	Agricultural Districts	Forested
Canal Lock	Village Boundary	Agriculture
	Town Boundary	Open Land/Pasture/Hay/Scrub/Shrub
		Open Water
		Parks/Open Space/Recreation
Note: Width of Cable Route lines are not drawn to scale		
Village Name TOWN NAME Road Name		

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CSX Rail)
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Prepared by: & 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
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Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
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Note: Width of Cable Route lines are not drawn to scale

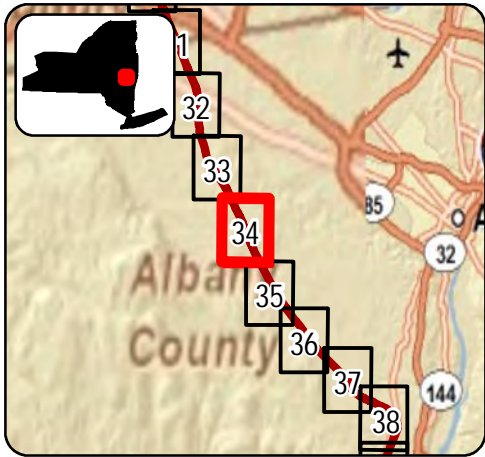
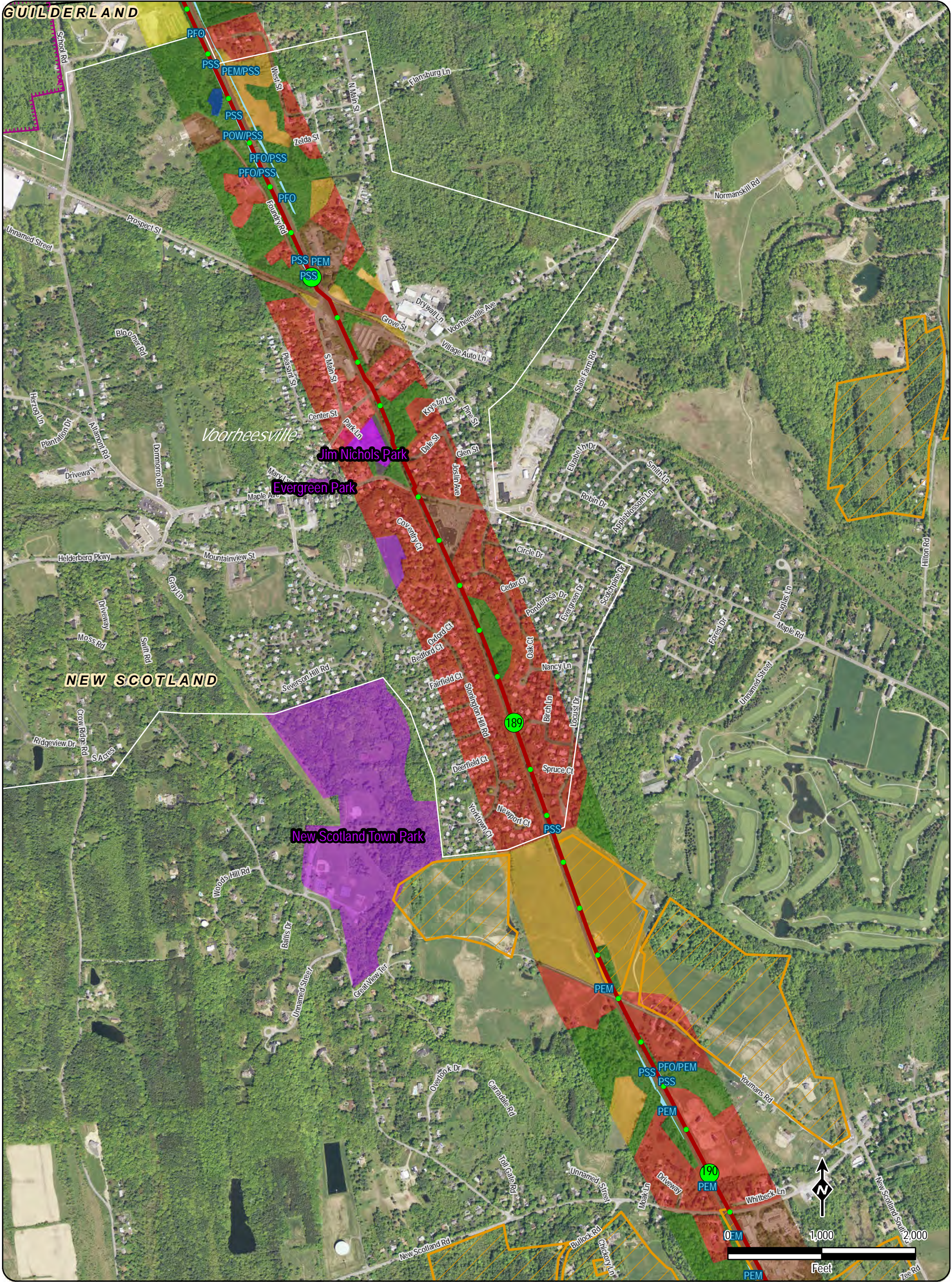
Village Name TOWN NAME Road Name

Transmission
Developers Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CSX Rail)
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Prepared by: HDR DTA & CTRC 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
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	Town Boundary	Open Water
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Note: Width of Cable Route lines are not drawn to scale

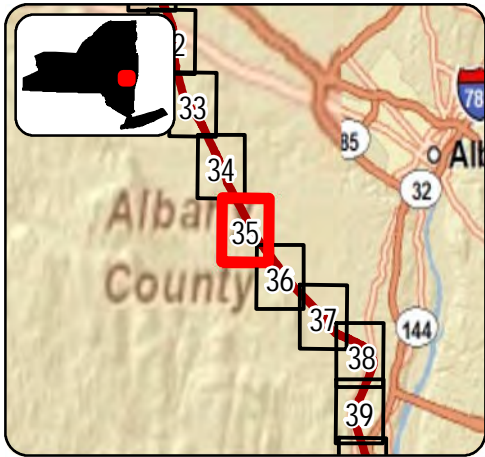
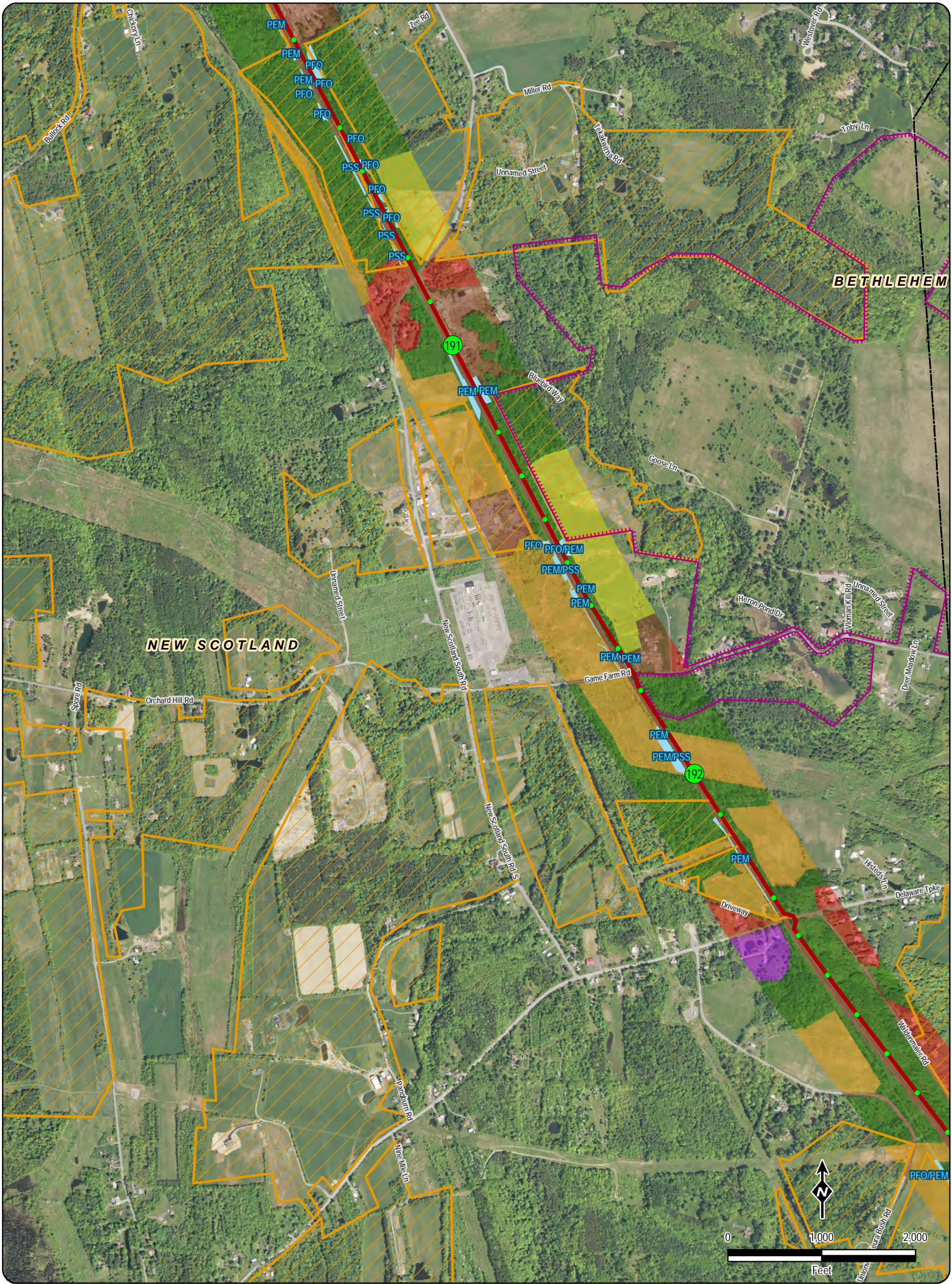
Village Name TOWN NAME Road Name

Transmission
Developments Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CSX Rail)
Sheet 34 of 54

Prepared by: HDR DTA & CTRC 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
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	Town Boundary	Open Water
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Note: Width of Cable Route lines are not drawn to scale

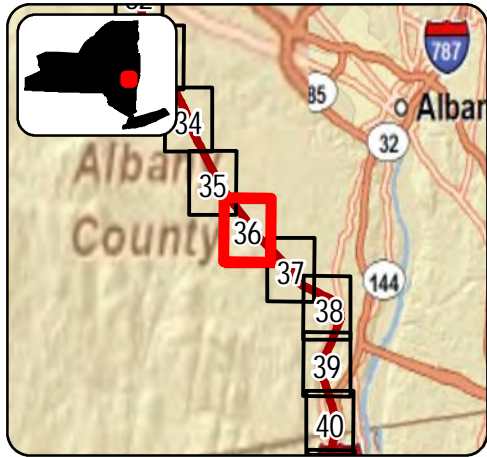
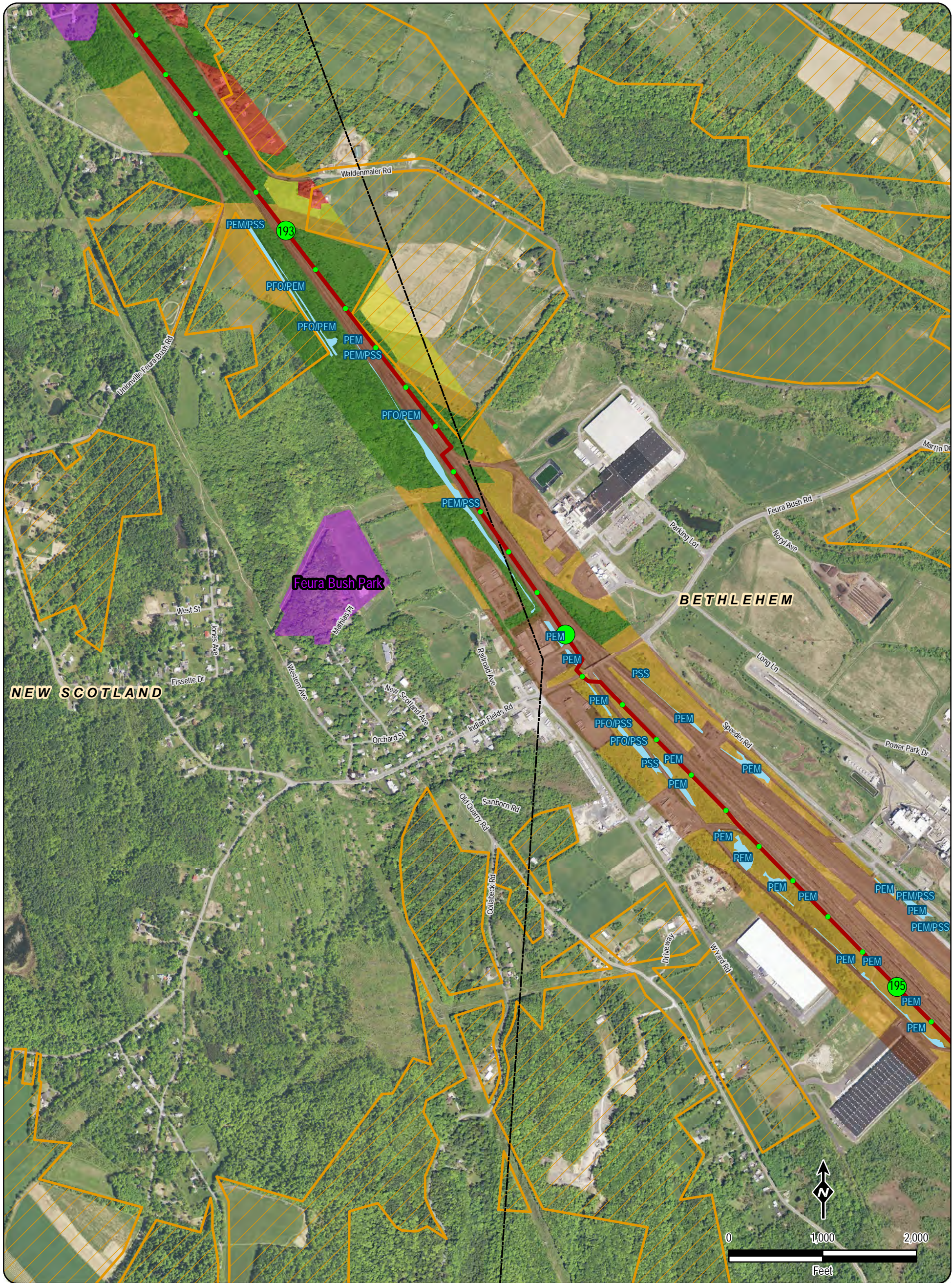
Village Name TOWN NAME Road Name

Transmission
Developers Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CSX Rail)
Sheet 35 of 54

Prepared by: HDR DTA & CTRC 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
● Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
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Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
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Note: Width of Cable Route lines are not drawn to scale

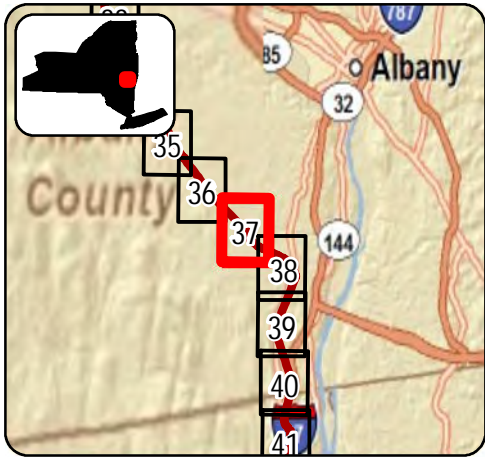
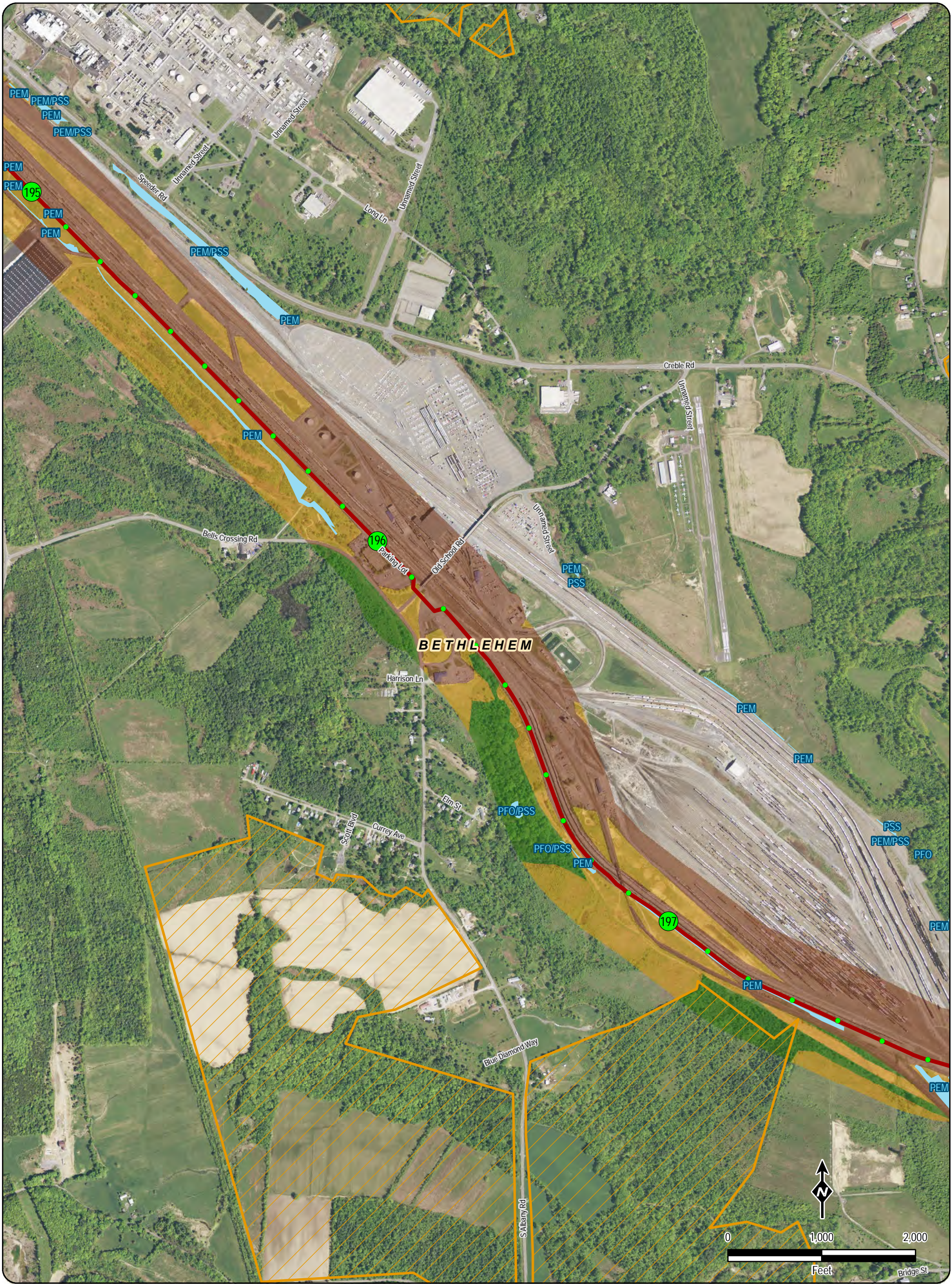
Village Name TOWN NAME Road Name

Transmission
Developments Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CSX Rail)
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Prepared by: HDR DTA & CTRC 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
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Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
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Note: Width of Cable Route lines are not drawn to scale

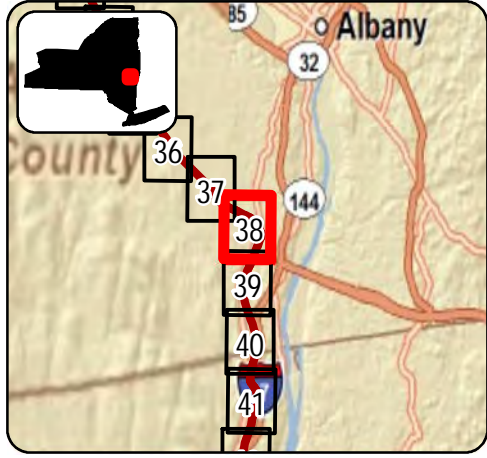
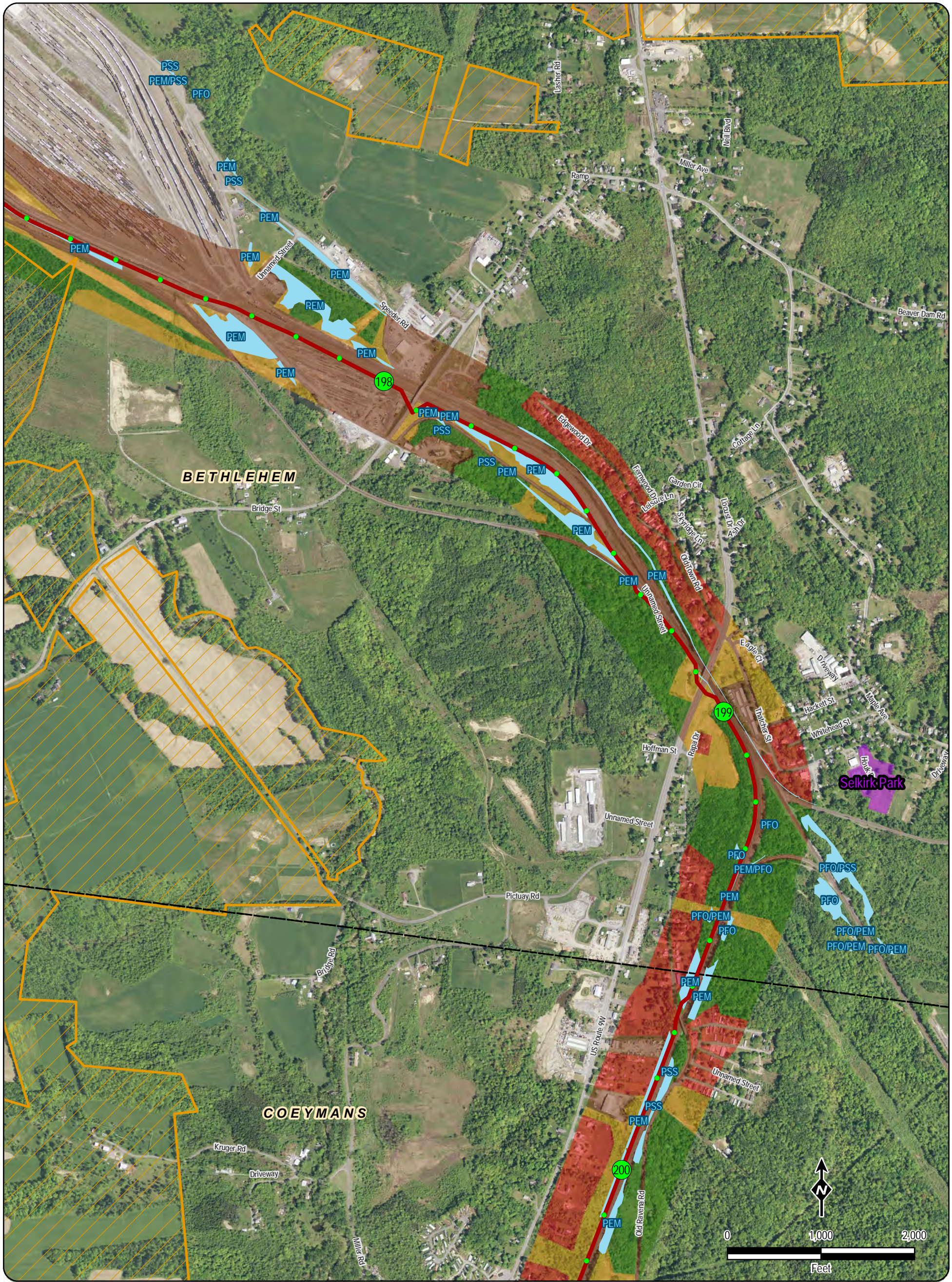
Village Name TOWN NAME Road Name

Transmission
Developers Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CSX Rail)
Sheet 37 of 54

Prepared by: HDR DTA & CTRC 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
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Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
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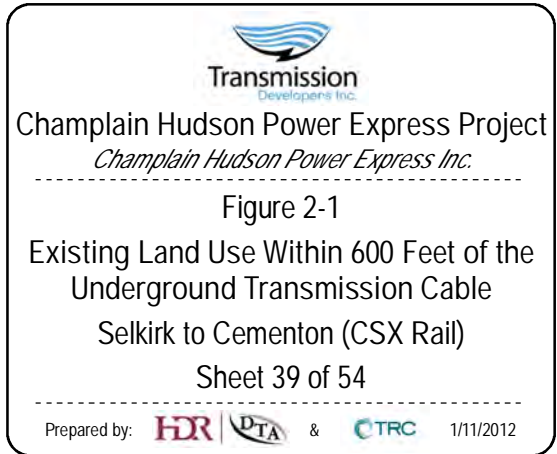
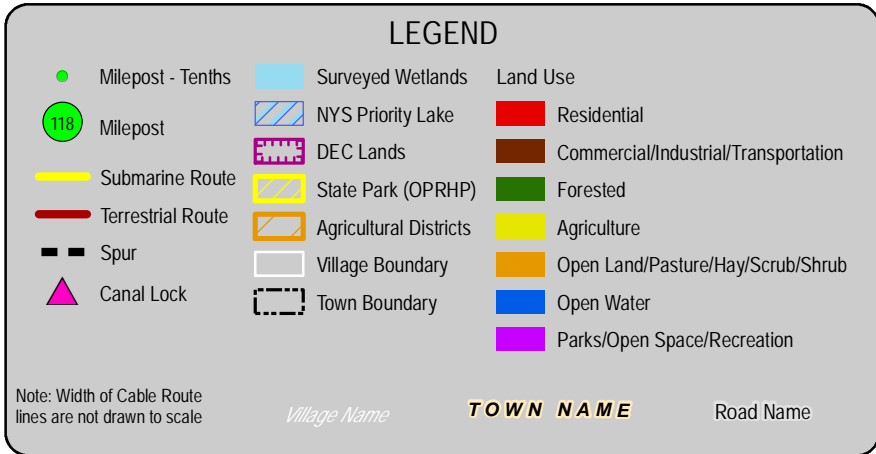
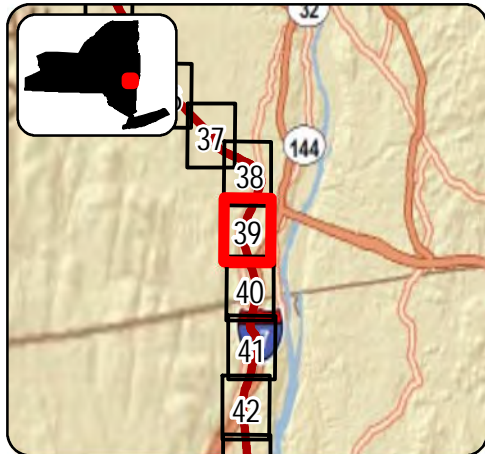
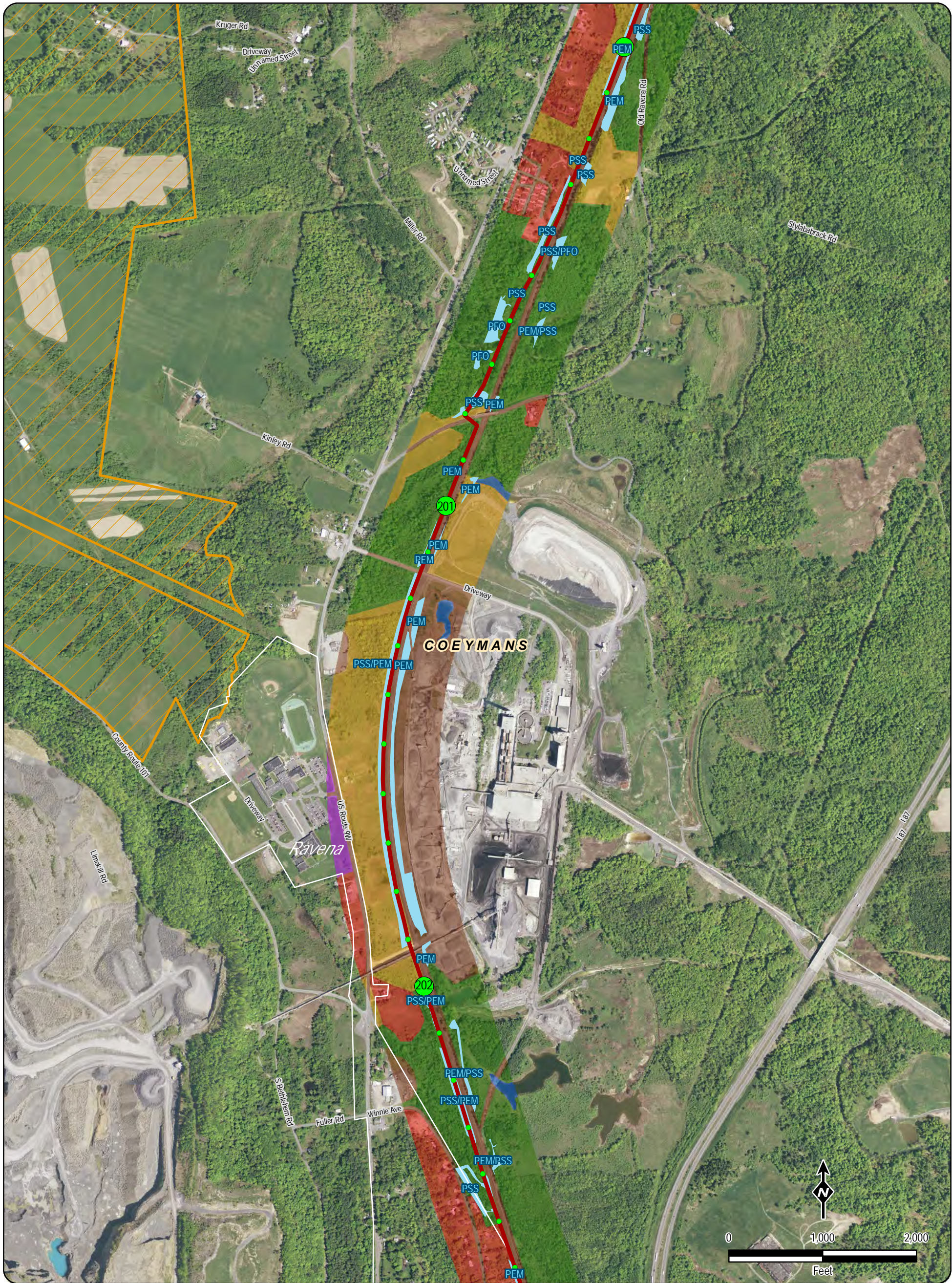
Village Name TOWN NAME Road Name

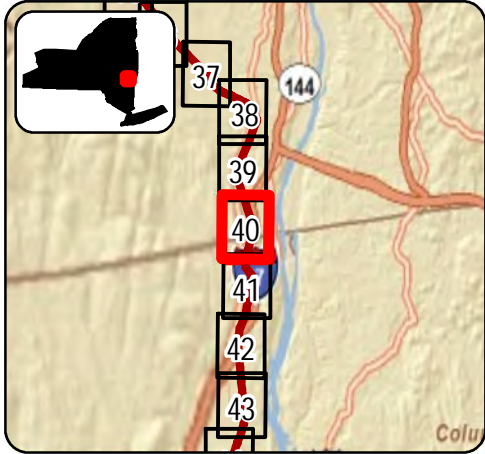
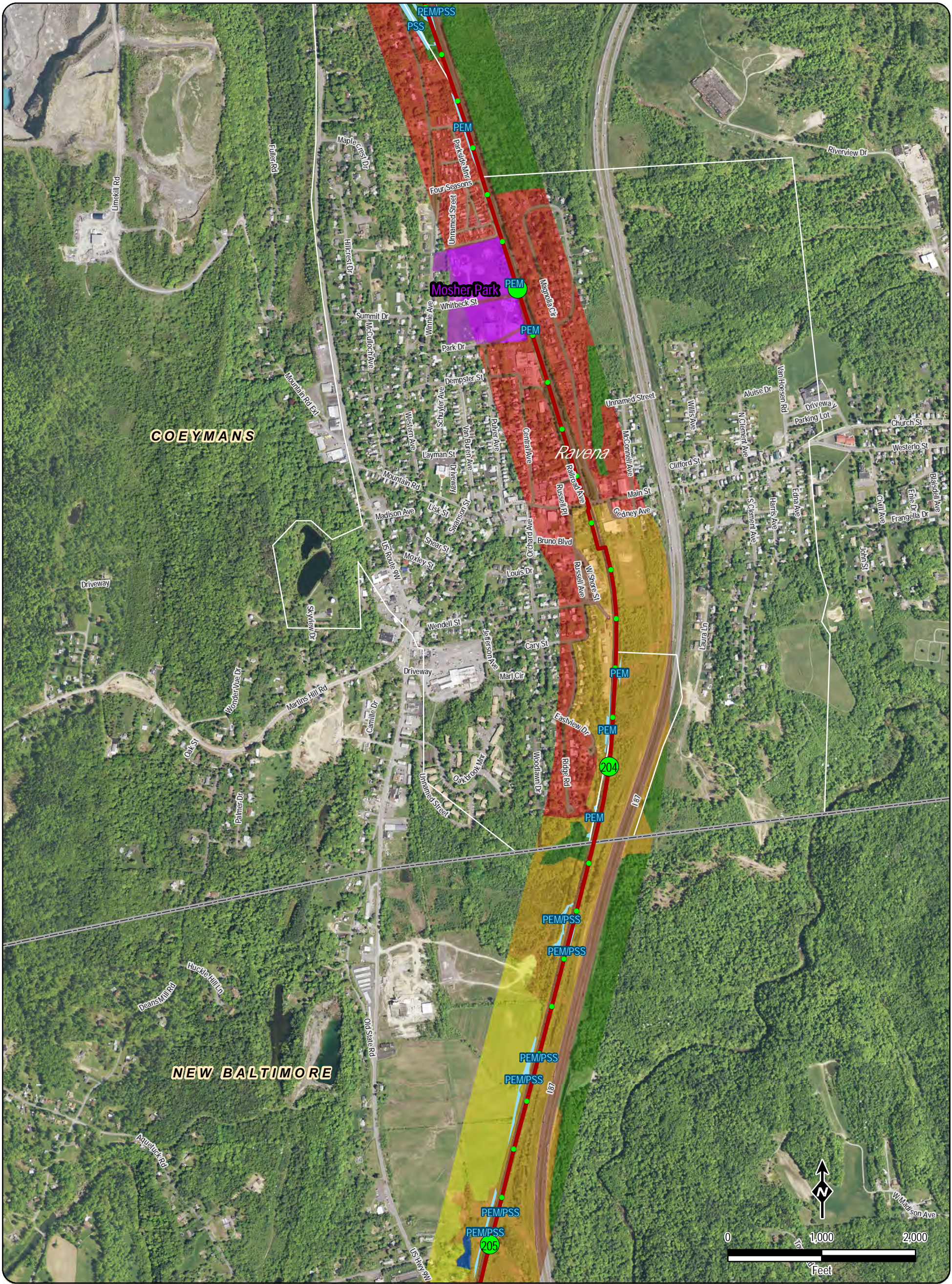
Transmission
Developments Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CSX Rail)
Sheet 38 of 54

Prepared by: **HDR** **DTA** & **CTRC** 1/11/2012





LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

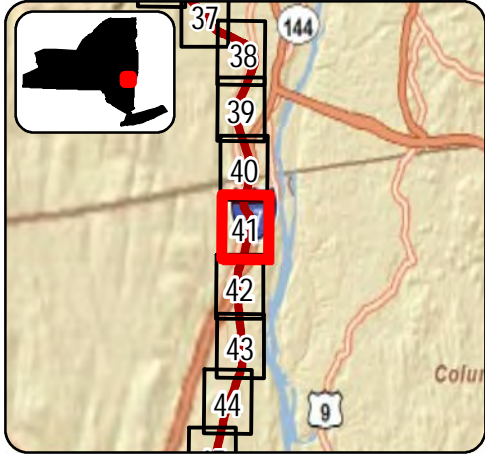
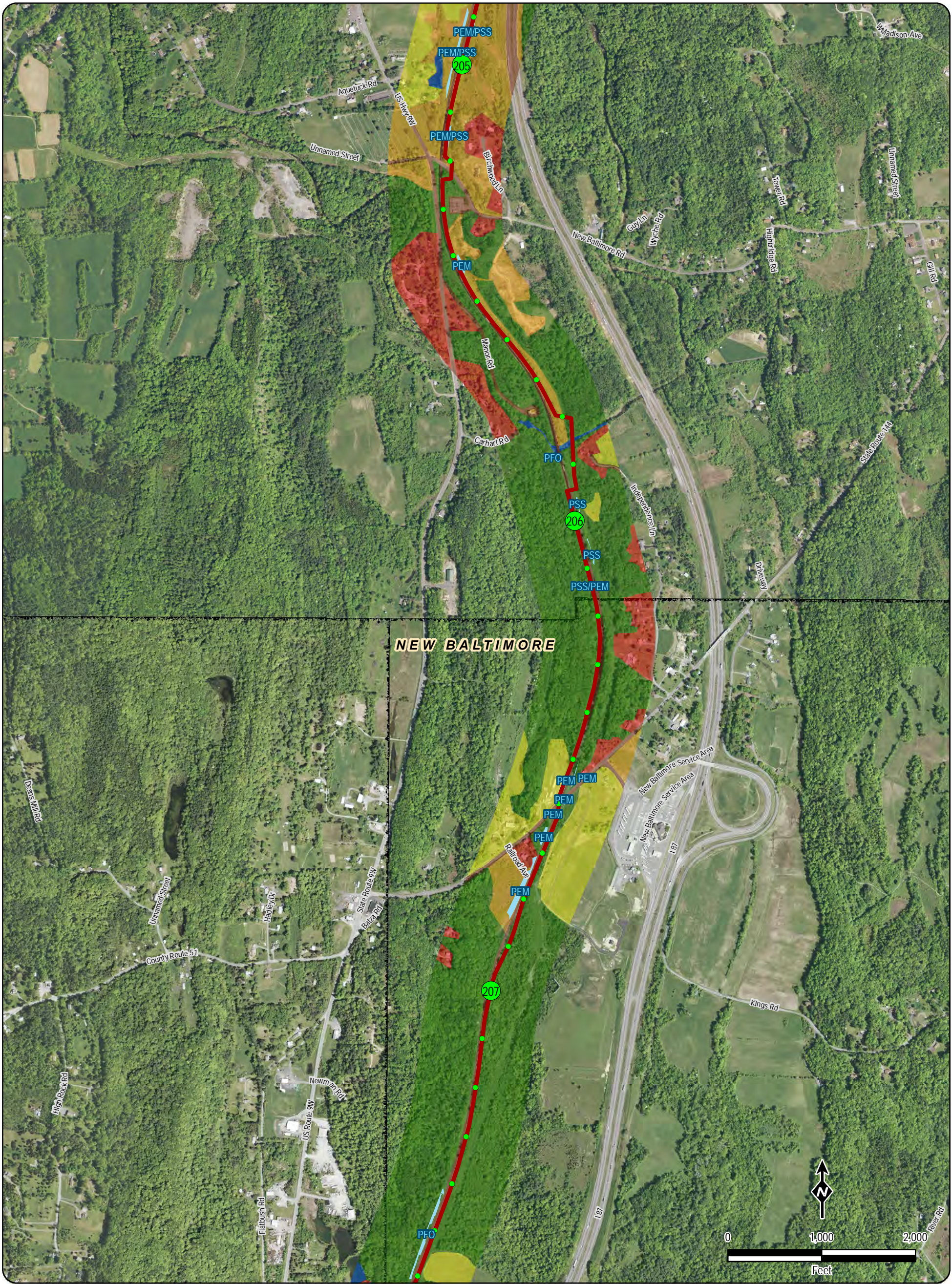
Village Name TOWN NAME Road Name

Transmission
Developers Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Selkirk to Cementon (CSX Rail)
Sheet 40 of 54

Prepared by: **HDR** **DTA** & **CTRC** 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
● 118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

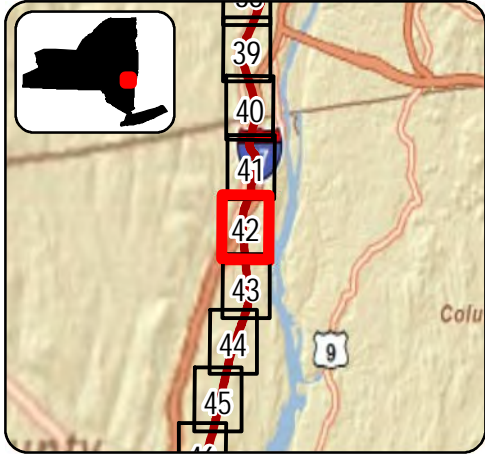
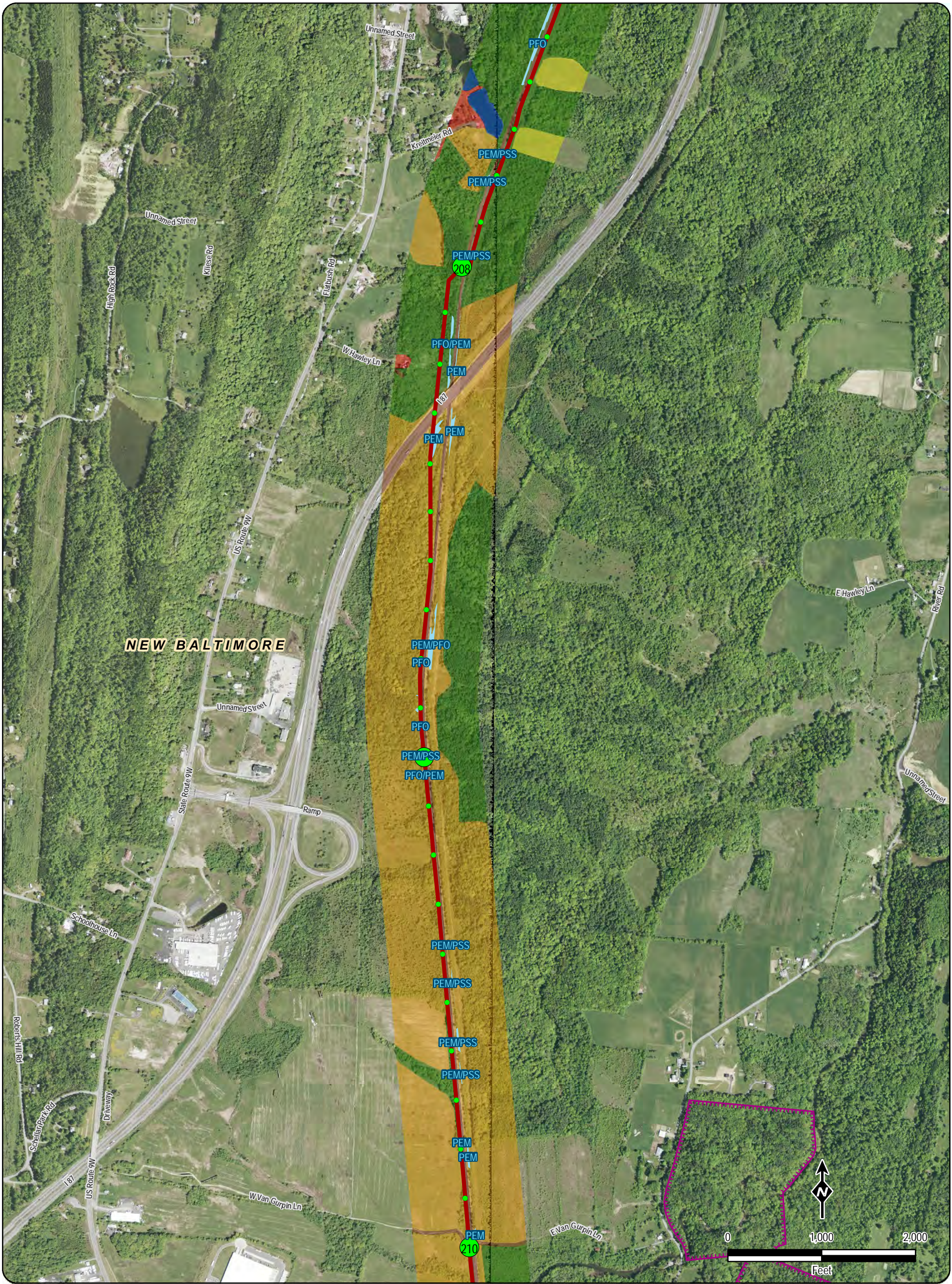
Village Name TOWN NAME Road Name

Transmission
Developments Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Selkirk to Cementon (CSX Rail)
Sheet 41 of 54

Prepared by: **HDR** **DTA** & **CTRC** 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

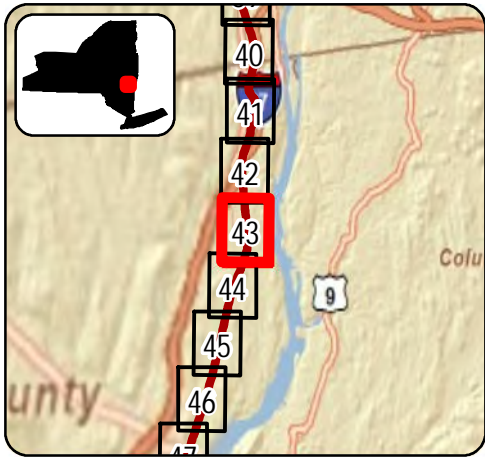
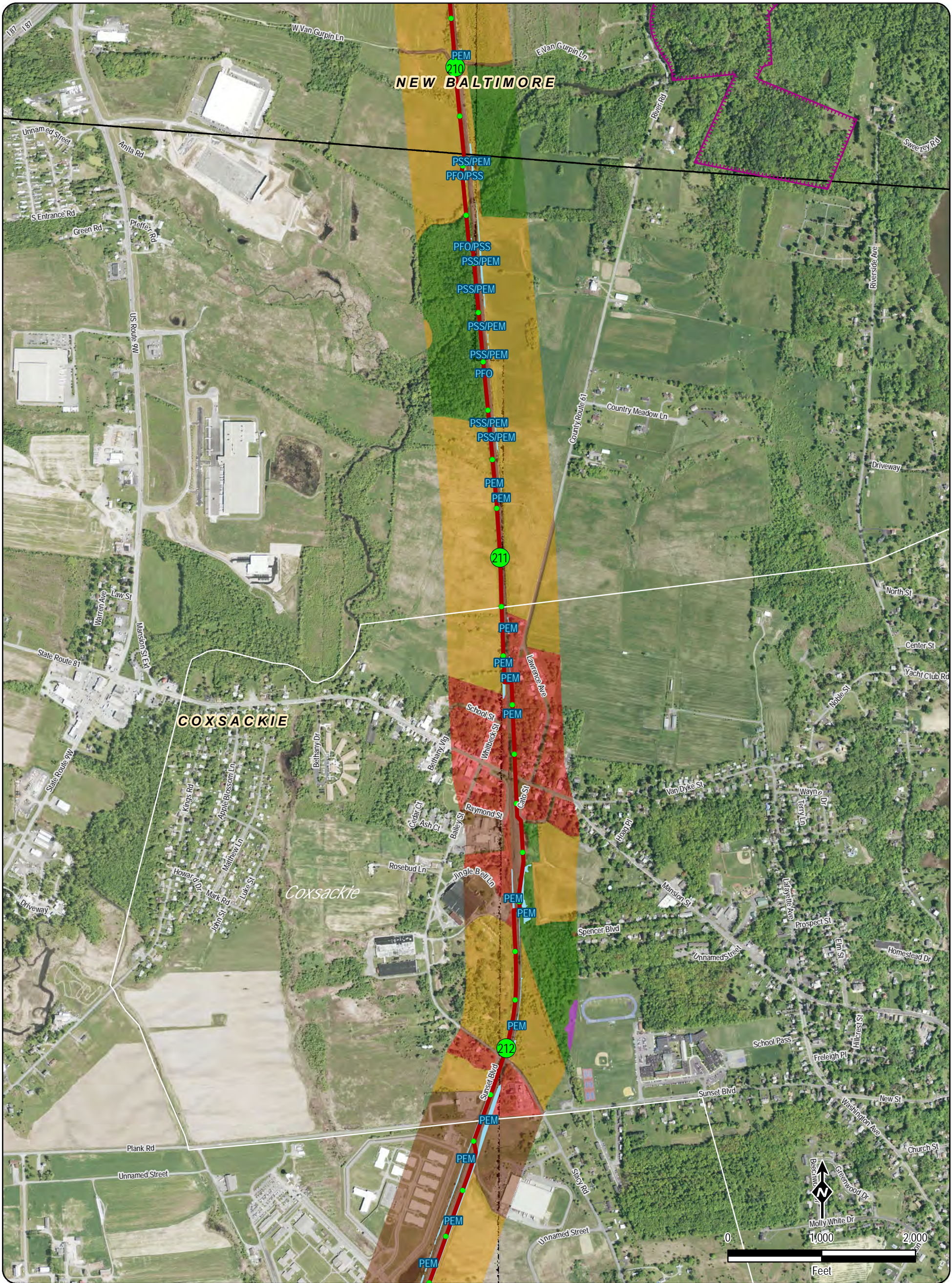
Village Name TOWN NAME Road Name

Transmission
Developers Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Selkirk to Cementon (CSX Rail)
Sheet 42 of 54

Prepared by: **HDR** **DTA** & **CTRC** 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
● Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

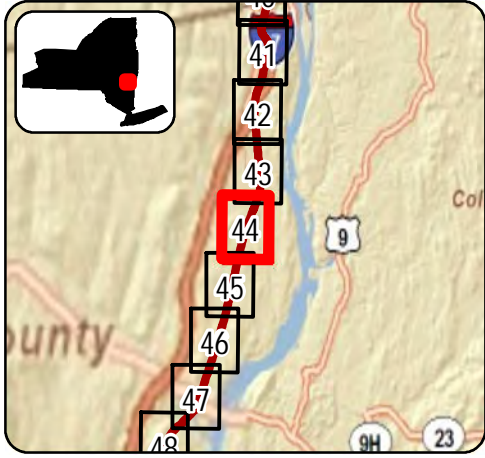
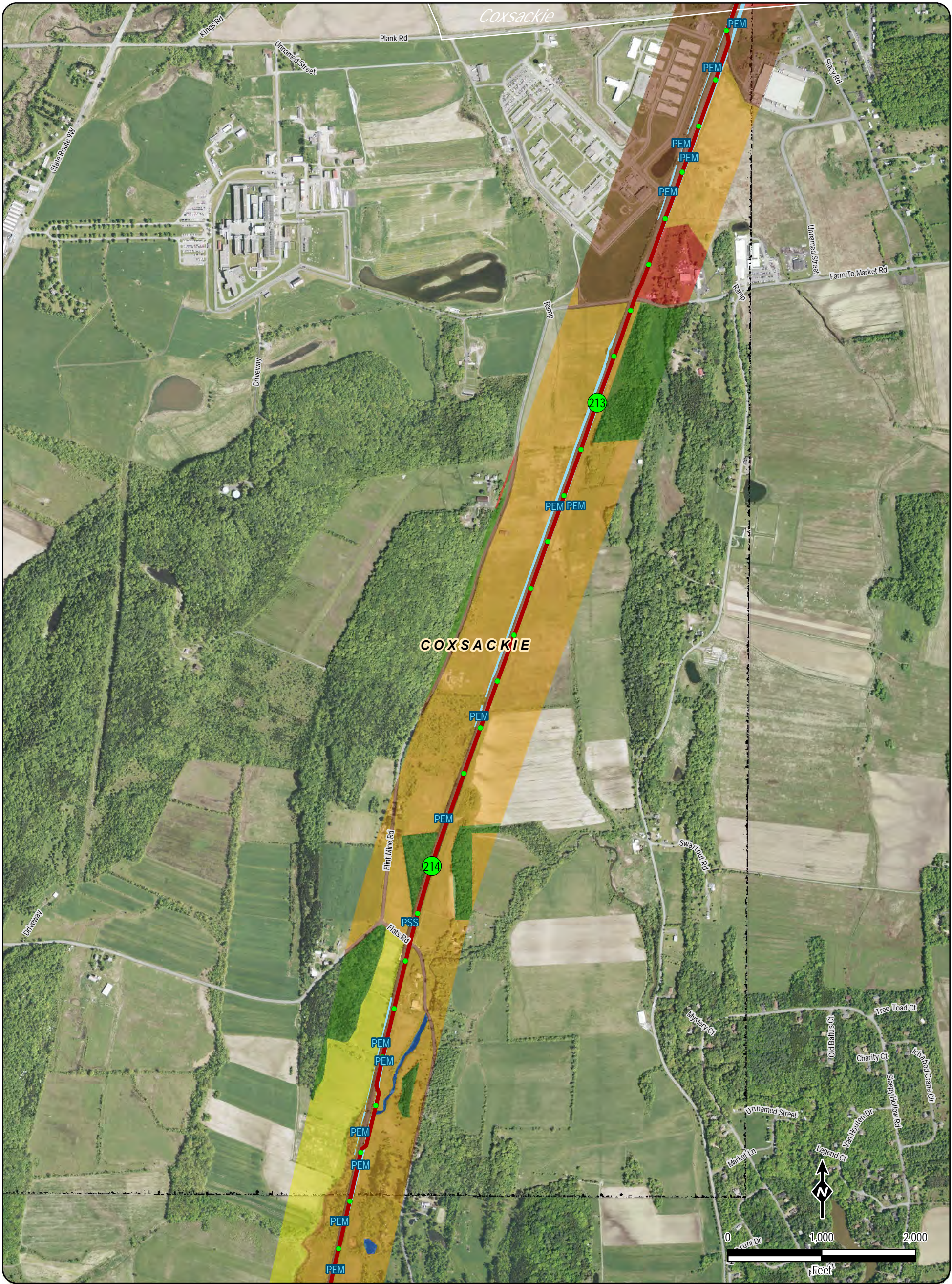
Village Name TOWN NAME Road Name

Transmission
Developers Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Selkirk to Cementon (CSX Rail)
Sheet 43 of 54

Prepared by: **HDR** **DTA** & **CTRC** 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

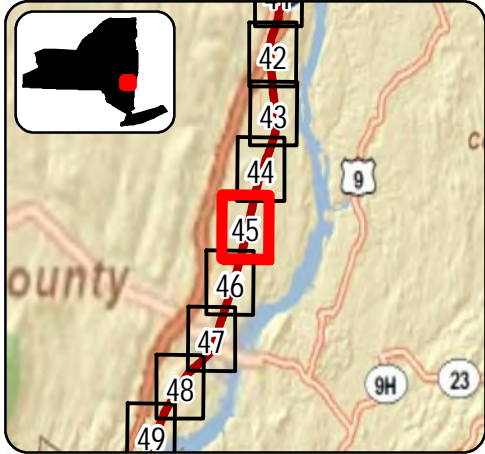
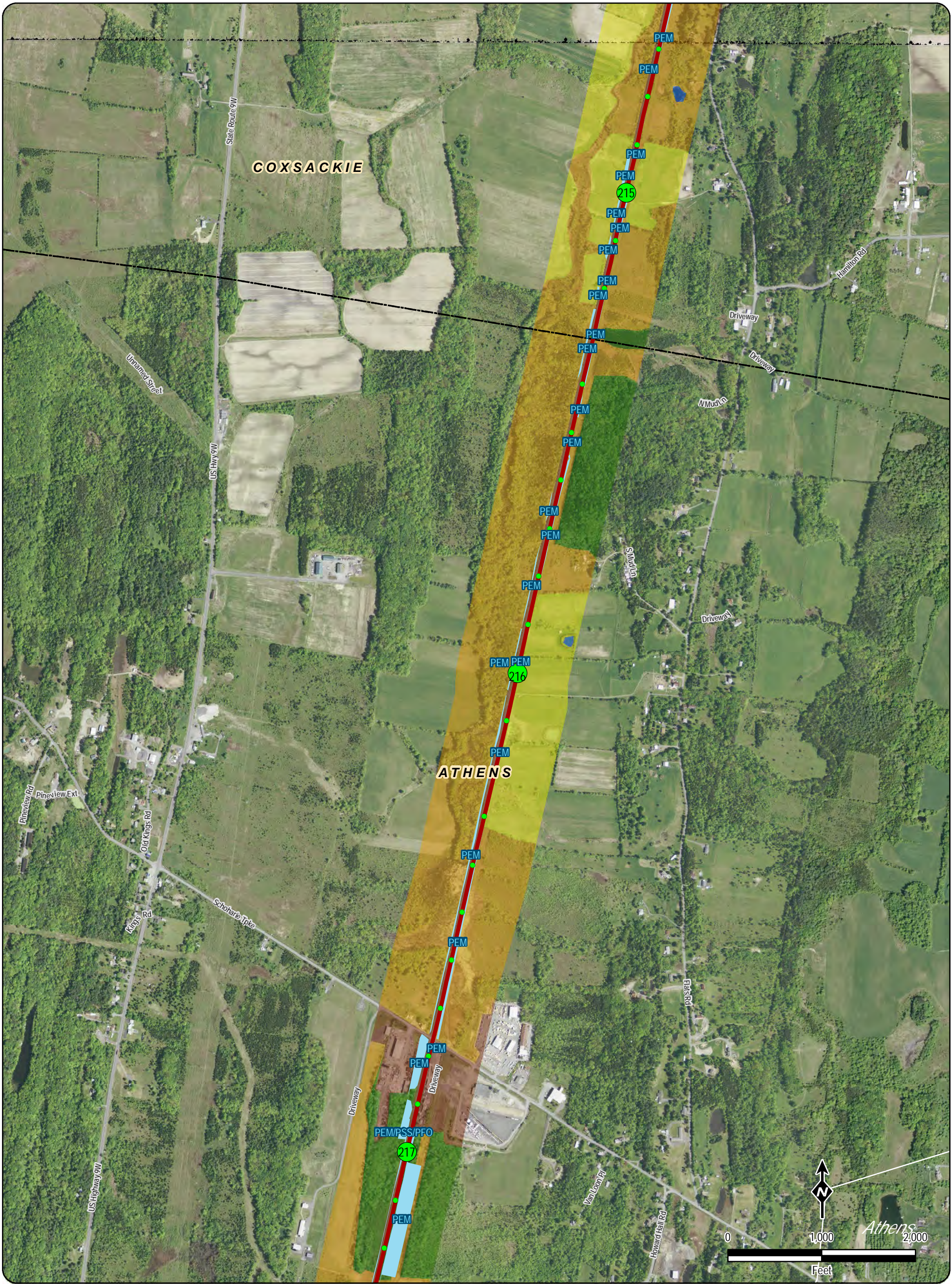
Village Name TOWN NAME Road Name

Transmission
Developers Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Selkirk to Cementon (CSX Rail)
Sheet 44 of 54

Prepared by: HDR DTA & CTRC 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
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Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

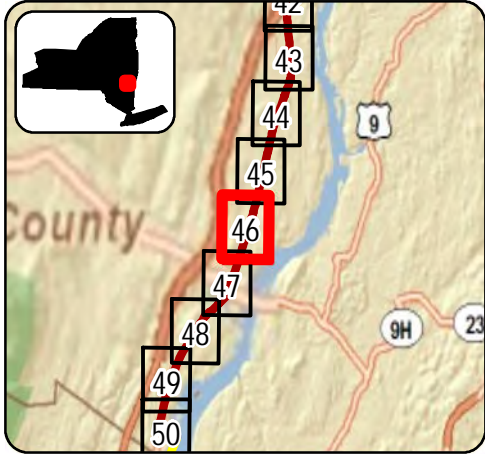
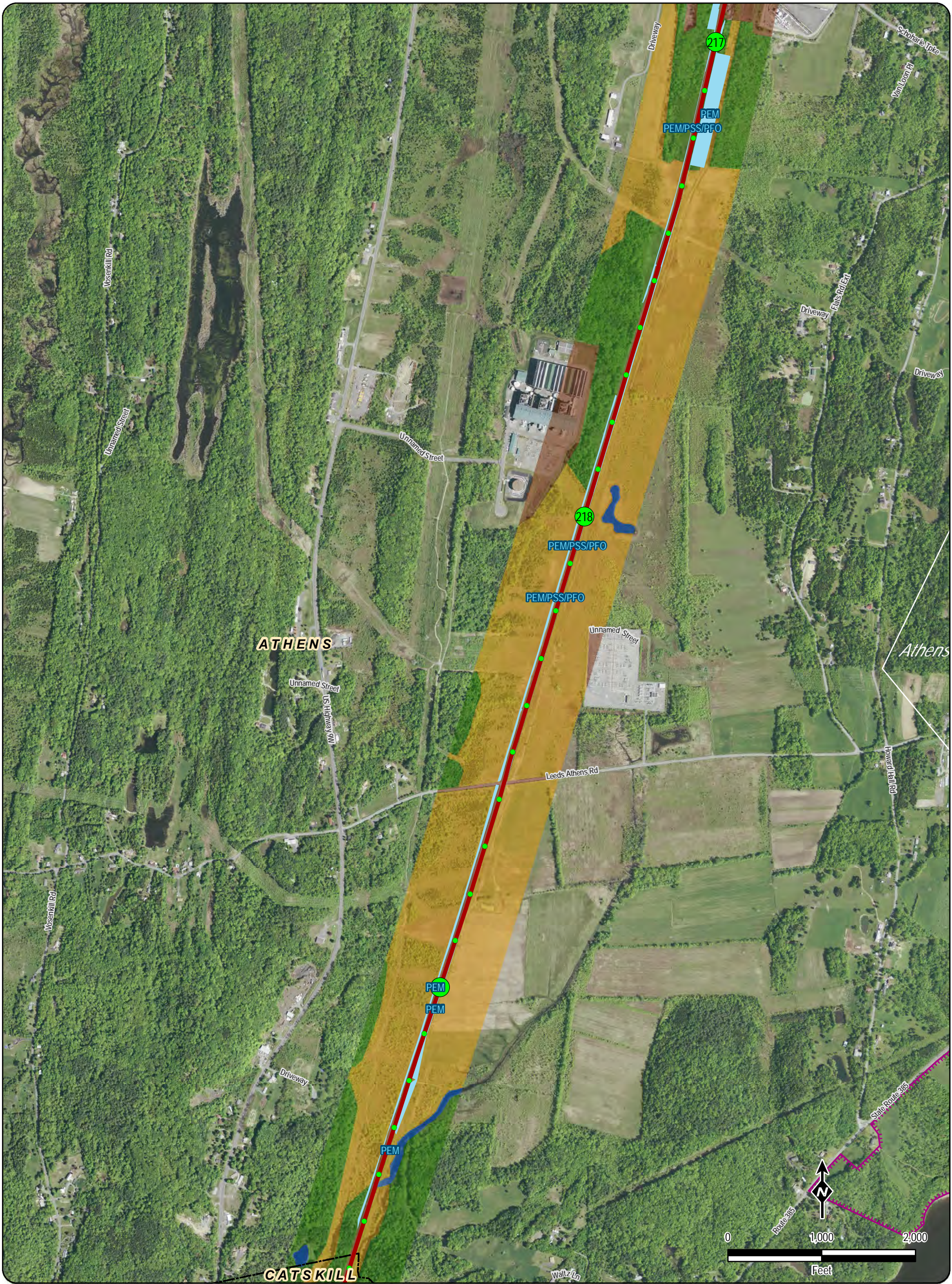
Village Name TOWN NAME Road Name

Transmission
Developers Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Selkirk to Cementon (CSX Rail)
Sheet 45 of 54

Prepared by: HDR DTA & CTRC 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
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	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

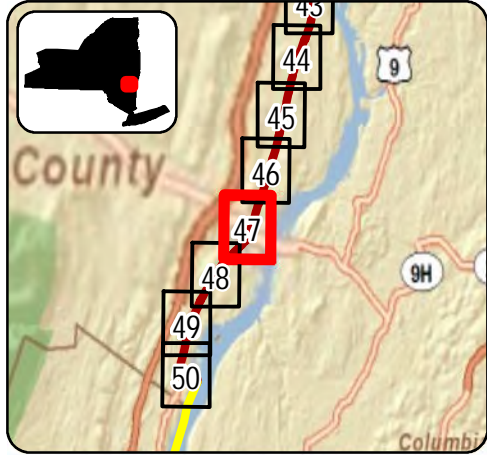
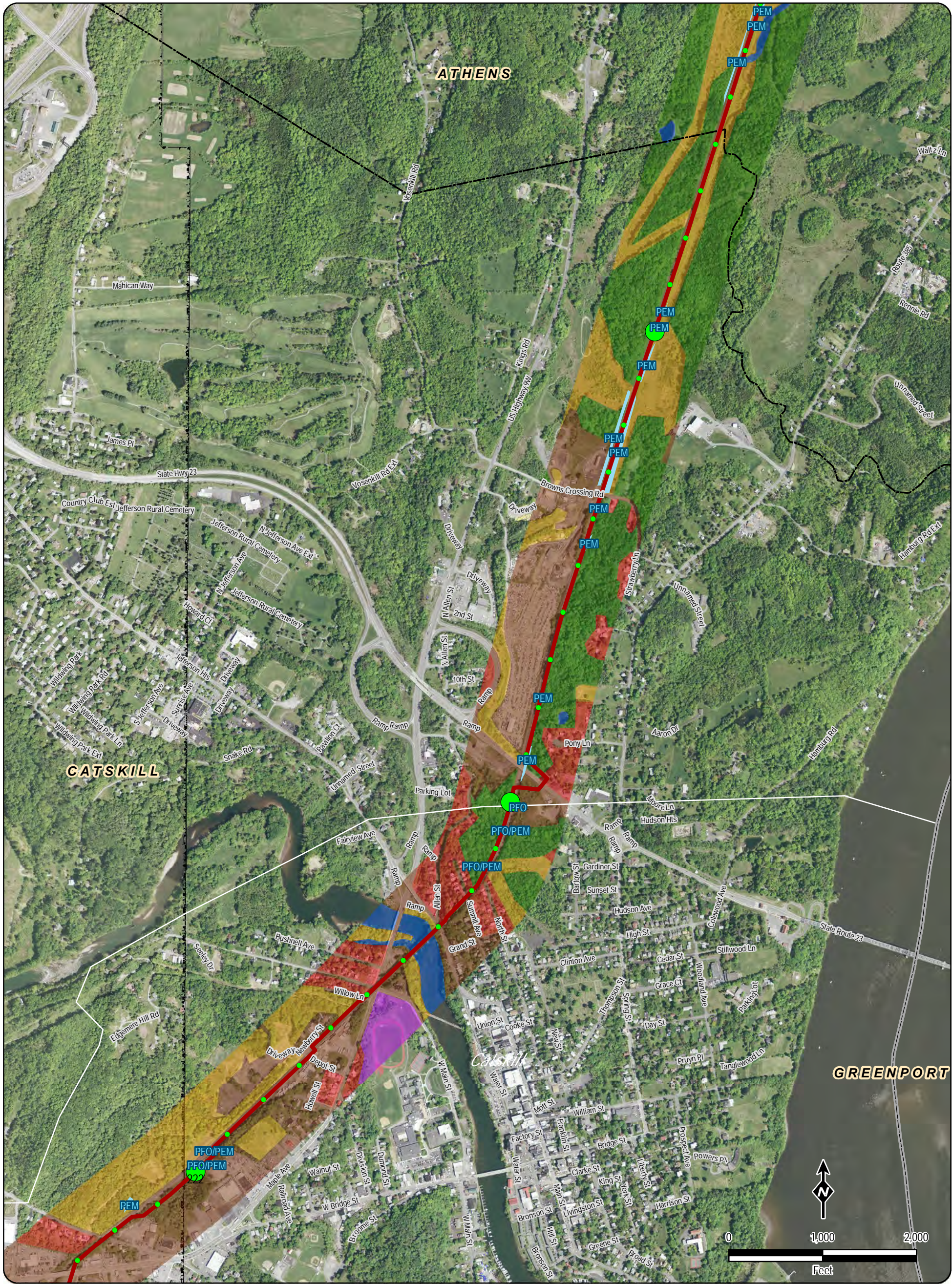
Village Name TOWN NAME Road Name

Transmission
Developers Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Selkirk to Cementon (CSX Rail)
Sheet 46 of 54

Prepared by: HDR DTA & CTRC 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
● 118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

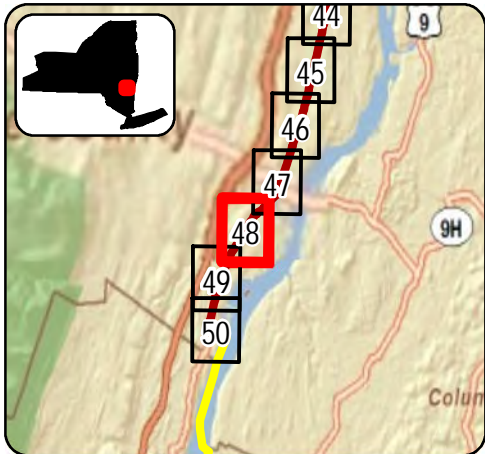
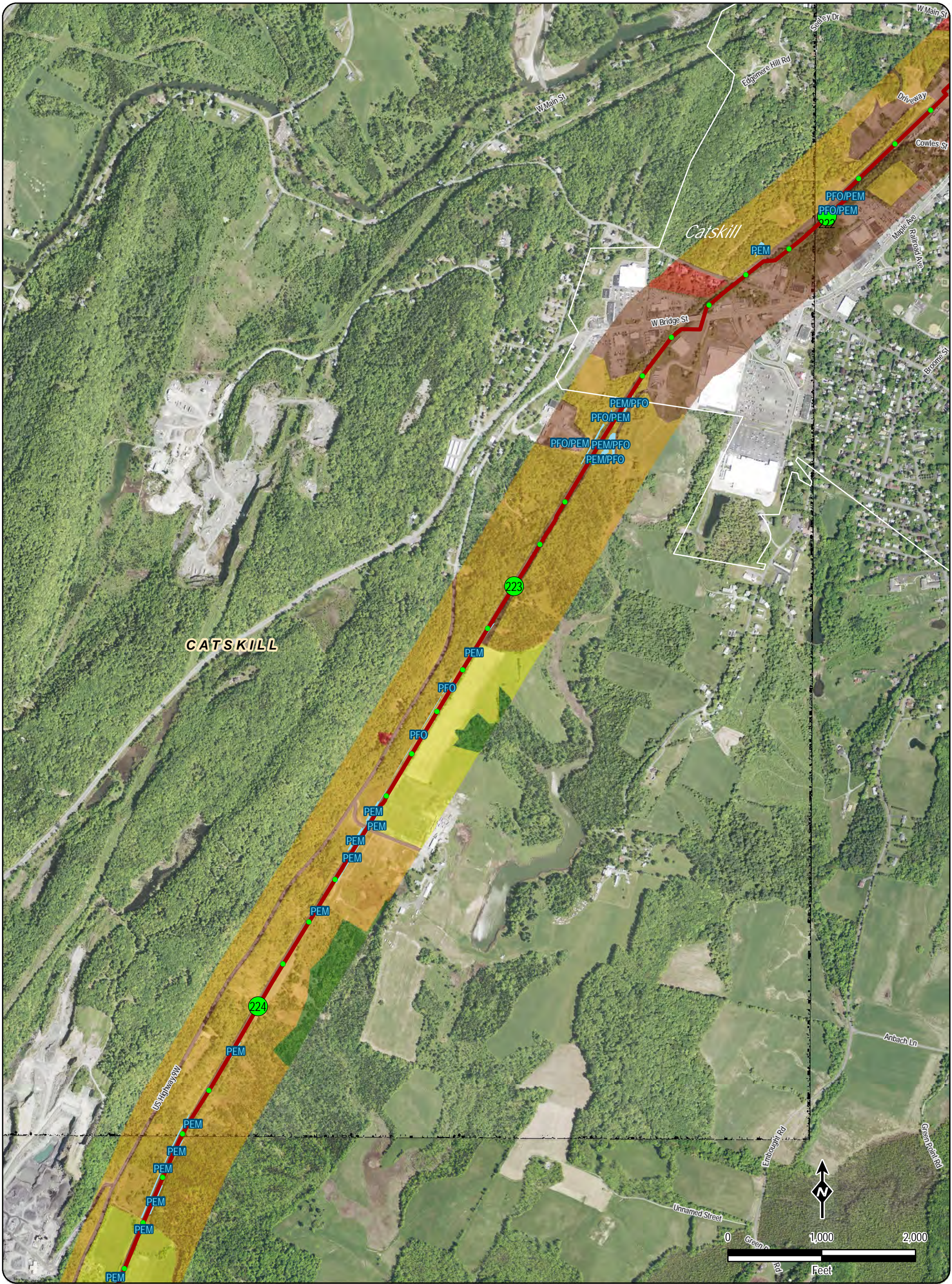
Village Name TOWN NAME Road Name

Transmission
Developers Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Selkirk to Cementon (CSX Rail)
Sheet 47 of 54

Prepared by: **HDR** **DTA** & **CTRC** 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
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Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
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Note: Width of Cable Route lines are not drawn to scale

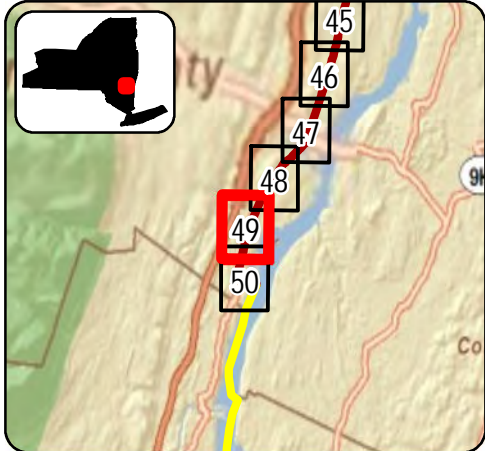
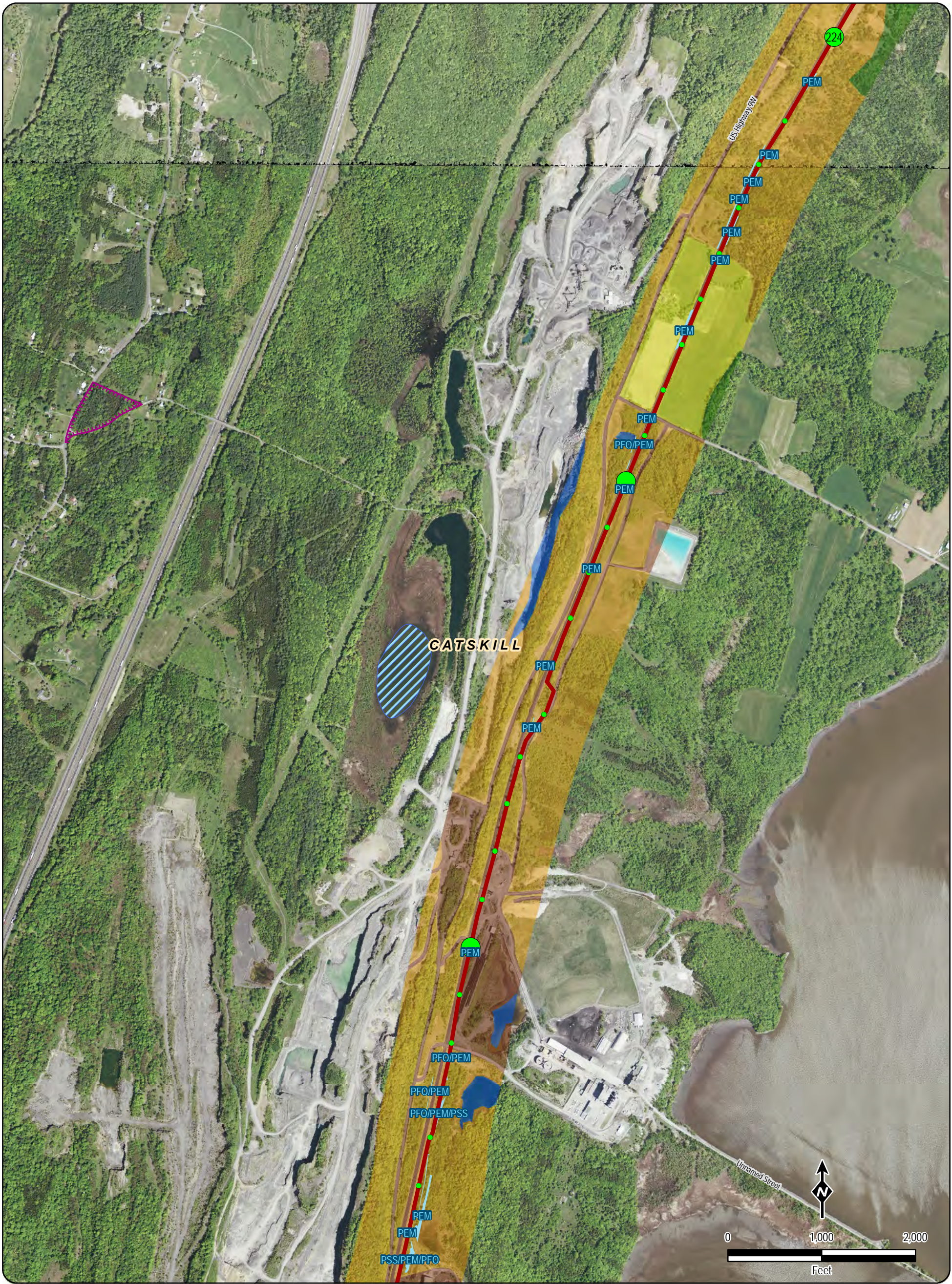
Village Name TOWN NAME Road Name

Transmission Developers Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the Underground Transmission Cable
Selkirk to Cementon (CSX Rail)
Sheet 48 of 54

Prepared by: **HDR** **DTA** & **CTRC** 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
● 118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
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Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
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Note: Width of Cable Route lines are not drawn to scale

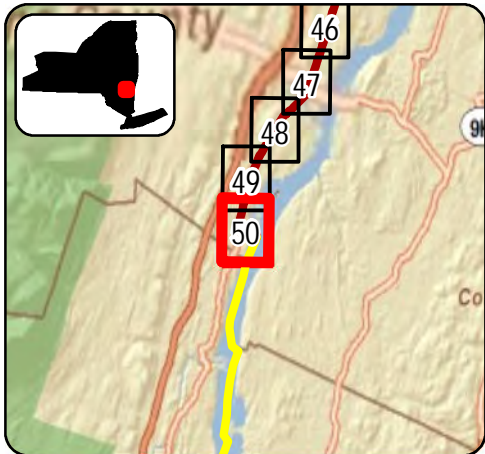
Village Name TOWN NAME Road Name

Transmission
Developers Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Selkirk to Cementon (CSX Rail)
Sheet 49 of 54

Prepared by: **HDR** **DTA** & **CTRC** 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
● Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

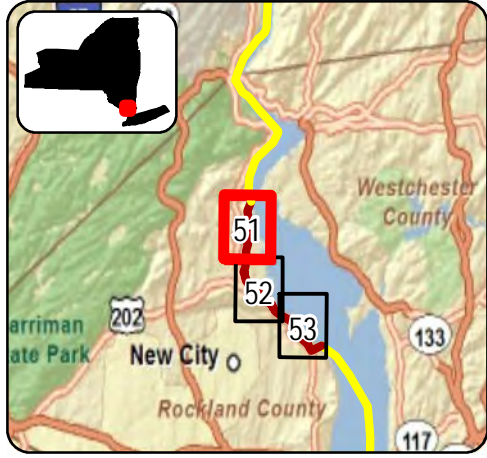
Village Name TOWN NAME Road Name

Transmission
Developers Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Selkirk to Cementon (CSX Rail)
Sheet 50 of 54

Prepared by: HDR DTA & CTRC 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
118 Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

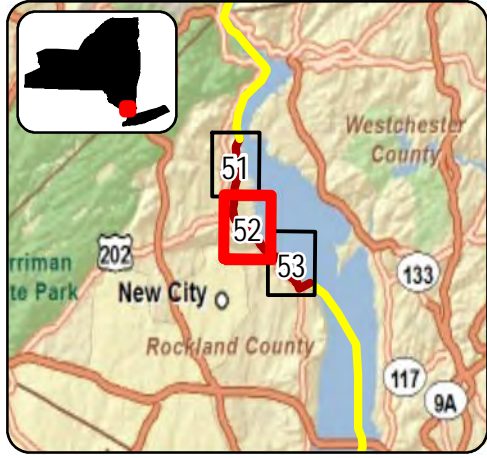
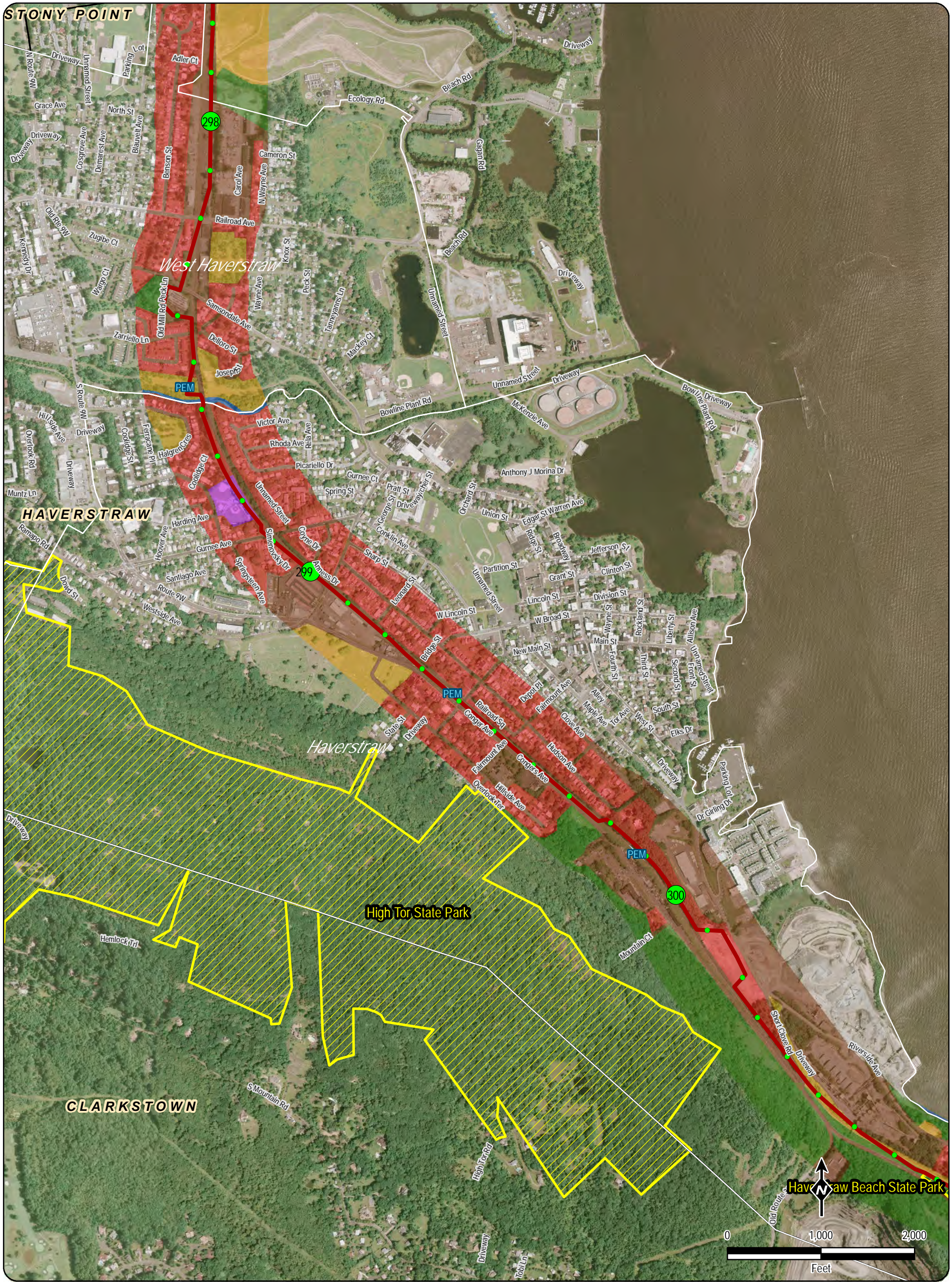
Village Name TOWN NAME Road Name

Transmission Developers Inc.

Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Haverstraw Bay Bypass Route
Sheet 51 of 54

Prepared by: HDR DTA & CTRC 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
● Milepost	NYS Priority Lake	Residential
Submarine Route	DEC Lands	Commercial/Industrial/Transportation
Terrestrial Route	State Park (OPRHP)	Forested
Spur	Agricultural Districts	Agriculture
Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

Village Name TOWN NAME Road Name

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

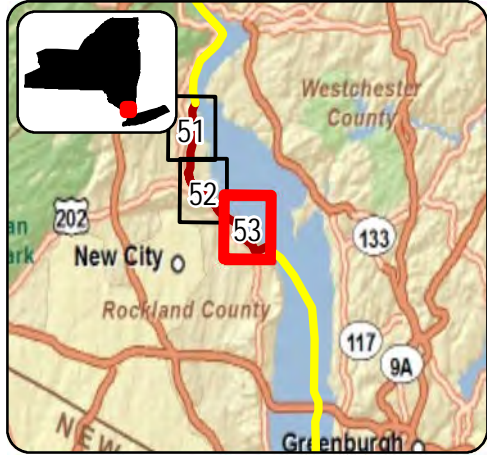
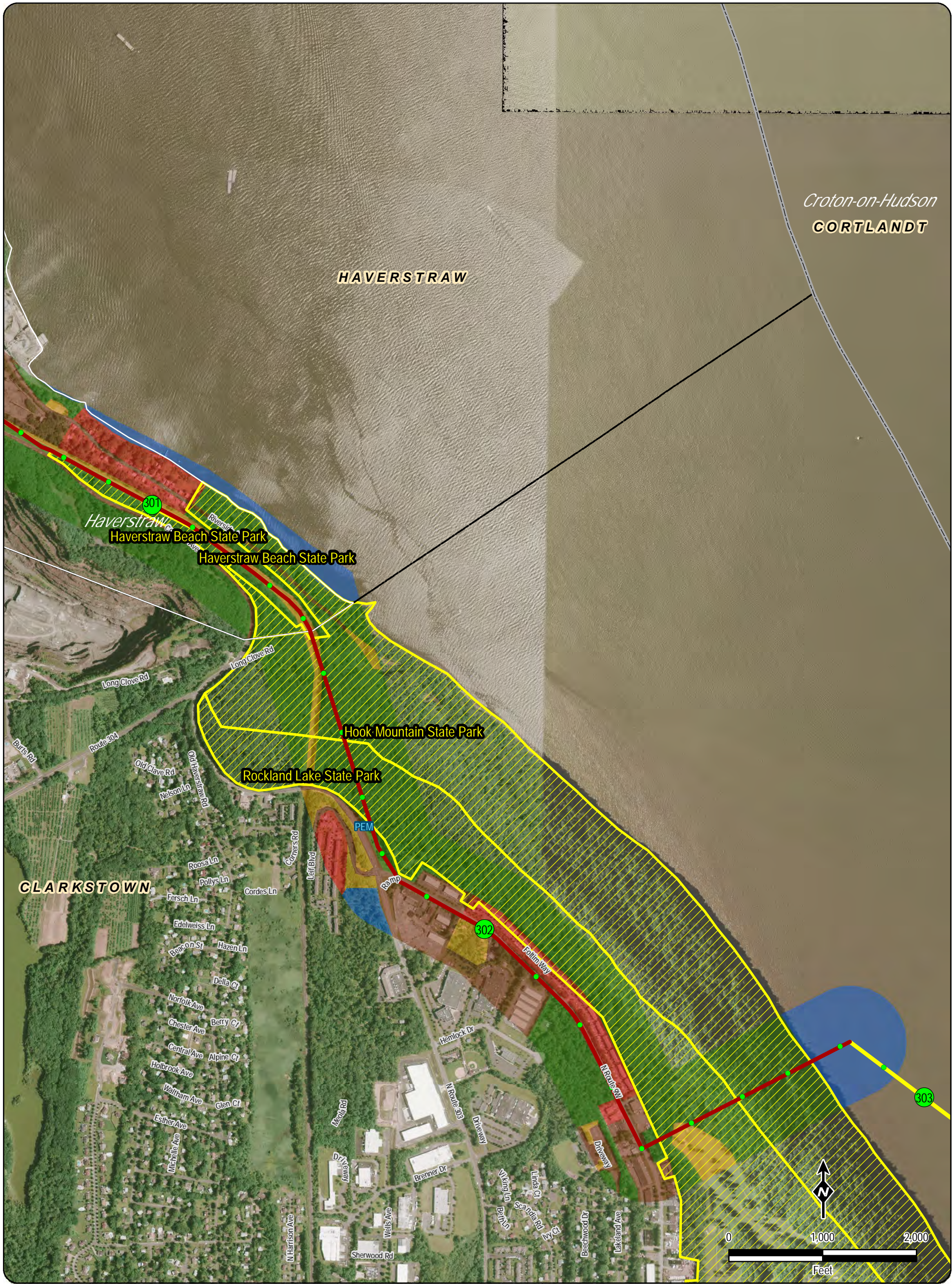
Figure 2-1

Existing Land Use Within 600 Feet of the Underground Transmission Cable

Haverstraw Bay Bypass Route

Sheet 52 of 54

Prepared by: HDR DTA & CTRC 1/11/2012



LEGEND

● Milepost - Tenths	■ Surveyed Wetlands	■ Land Use
● 118 Milepost	■ NYS Priority Lake	■ Residential
— Submarine Route	■ DEC Lands	■ Commercial/Industrial/Transportation
— Terrestrial Route	■ State Park (OPRHP)	■ Forested
— Spur	■ Agricultural Districts	■ Agriculture
▲ Canal Lock	■ Village Boundary	■ Open Land/Pasture/Hay/Scrub/Shrub
	■ Town Boundary	■ Open Water
		■ Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

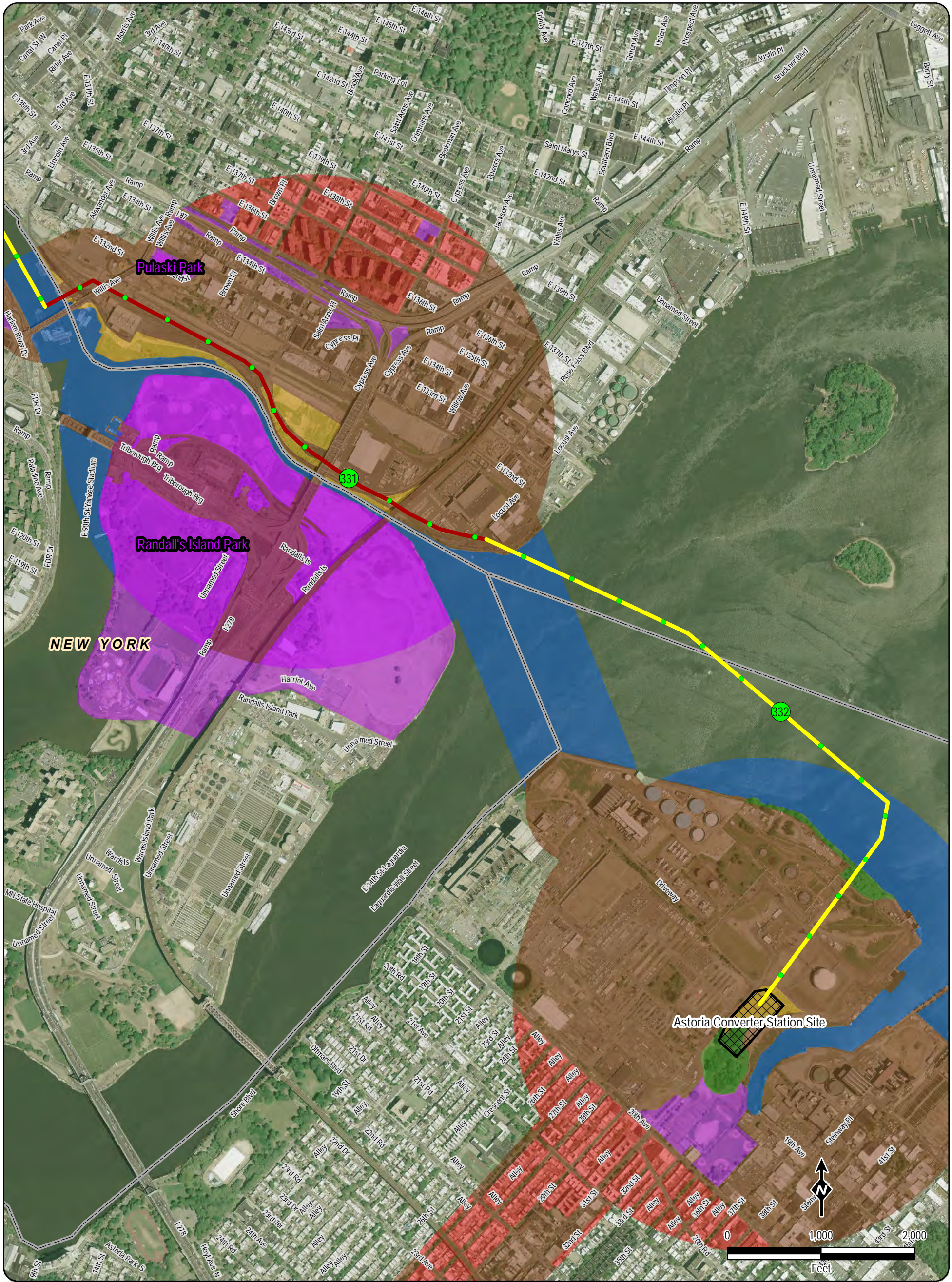
Village Name TOWN NAME Road Name

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Haverstraw Bay Bypass Route
Sheet 53 of 54

Prepared by: HDR DTA & CTRC 1/11/2012



LEGEND

● Milepost - Tenths	Surveyed Wetlands	Land Use
● 118 Milepost	NYS Priority Lake	Residential
— Submarine Route	DEC Lands	Commercial/Industrial/Transportation
— Terrestrial Route	State Park (OPRHP)	Forested
— Spur	Agricultural Districts	Agriculture
▲ Canal Lock	Village Boundary	Open Land/Pasture/Hay/Scrub/Shrub
	Town Boundary	Open Water
		Parks/Open Space/Recreation

Note: Width of Cable Route lines are not drawn to scale

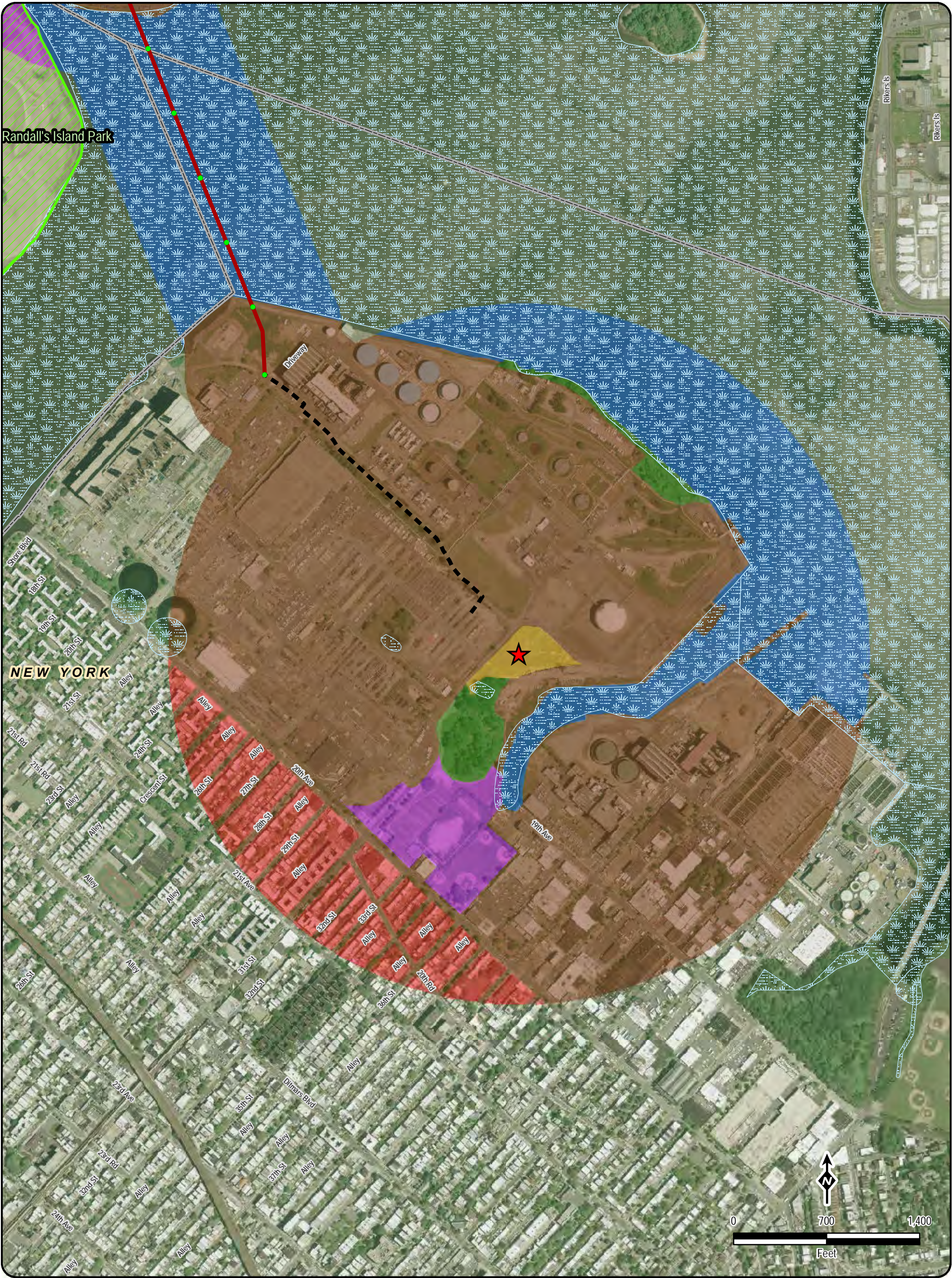
Village Name TOWN NAME Road Name

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Champlain Hudson Power Express Inc.

Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Hell Gate Bypass Route
Sheet 54 of 54

Prepared by: **HDR** **DTA** & **CTRC** 1/11/2012



LEGEND

Proposed Converter Station Site	NYS DEC Freshwater Wetlands	Land Use
Milepost - Tenths	NYS DEC Wetlands	Residential
Milepost	NWI Wetlands	Commercial/Industrial/Transportation
Submarine Route	NYS Priority Lake	Forested
Terrestrial Route	DEC Lands	Agriculture
Spur	Park	Open Land/Pasture/Hay/Scrub/Shrub
Canal Lock	State Park (OPRHP)	Open Water
	Agricultural Districts	Parks/Open Space/Recreation
	Village Boundary	<i>Village Name</i> <i>Road Name</i>
	Town Boundary	TOWN NAME

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 2-2

Existing Land Use Within 0.5 Miles of Luyster Converter Station

Sheet 1 of 1

Prepared by: & 4/15/2011

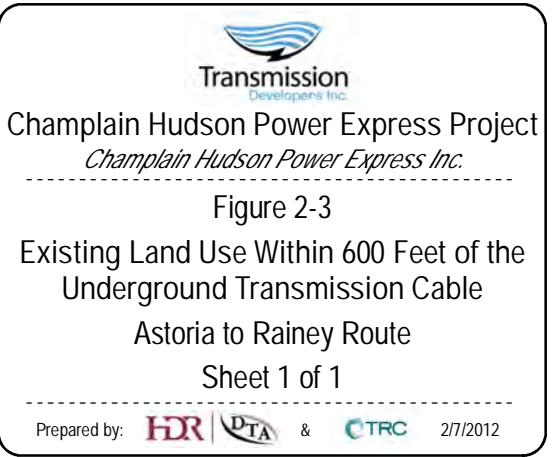
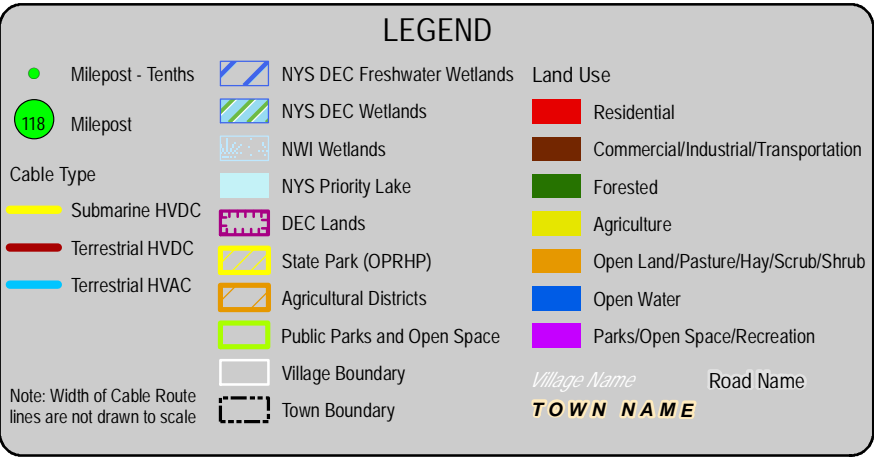
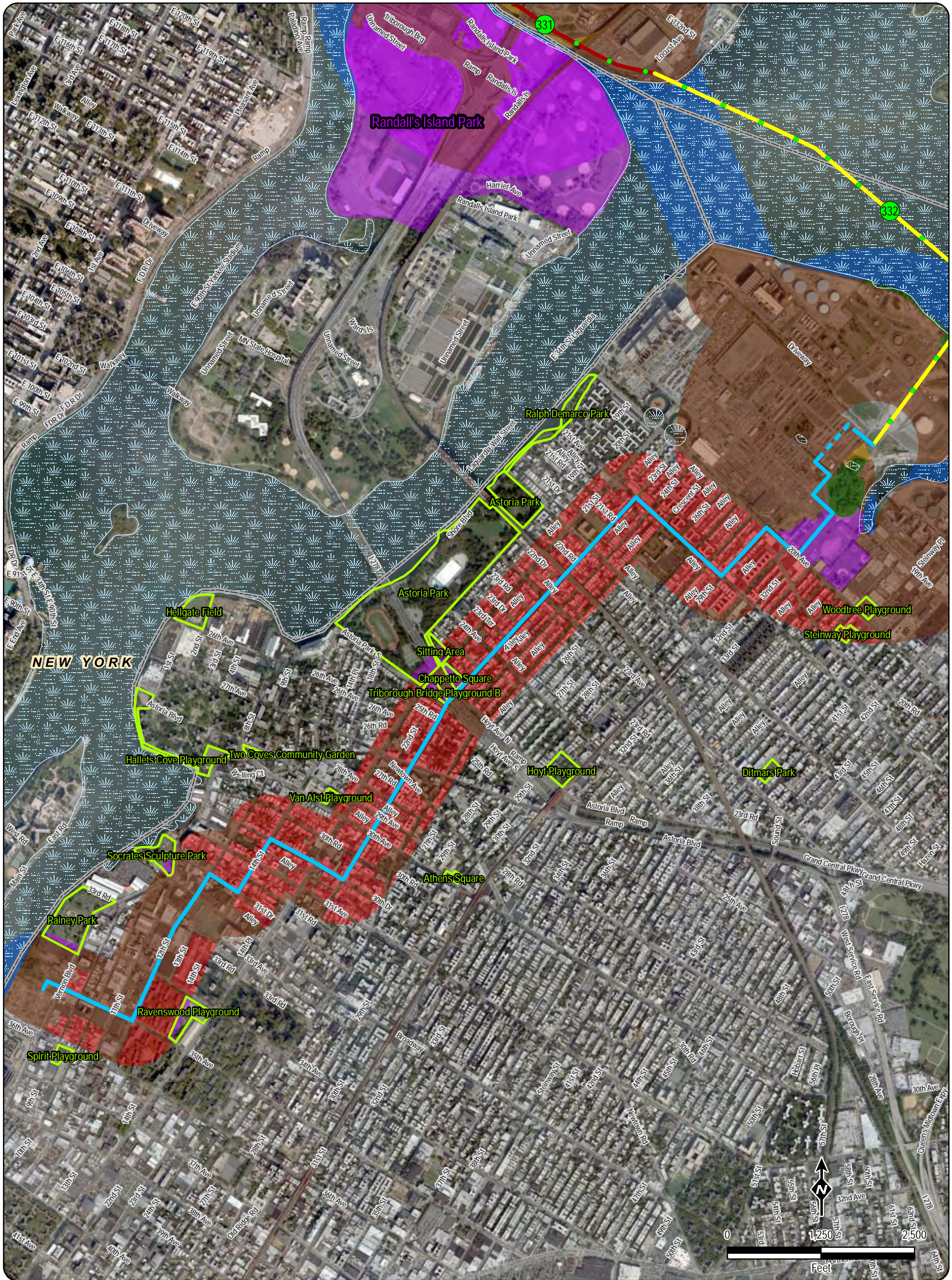
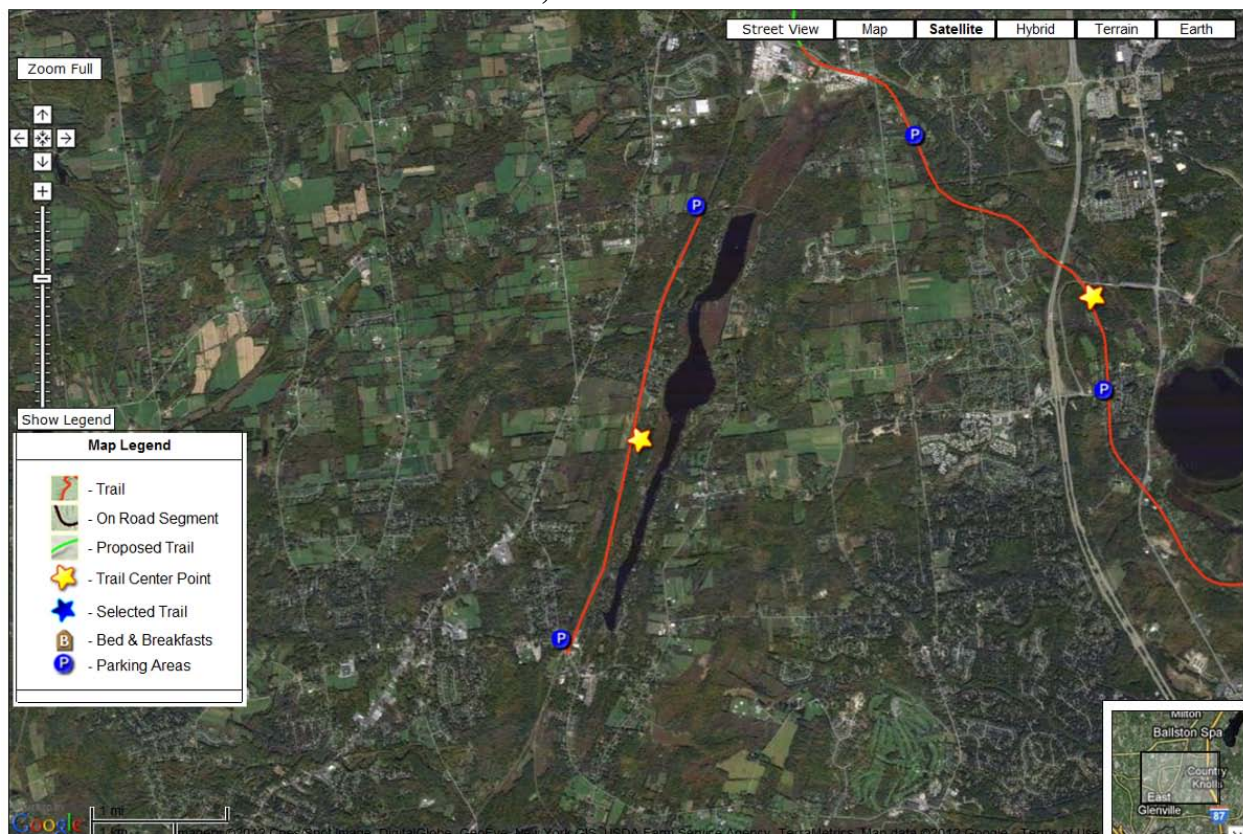


FIGURE 2-4
AERIAL PHOTOGRAPH OF BALLSTON VETERANS BIKEWAY, TOWN OF
BALLSTON, SARATOGA COUNTY



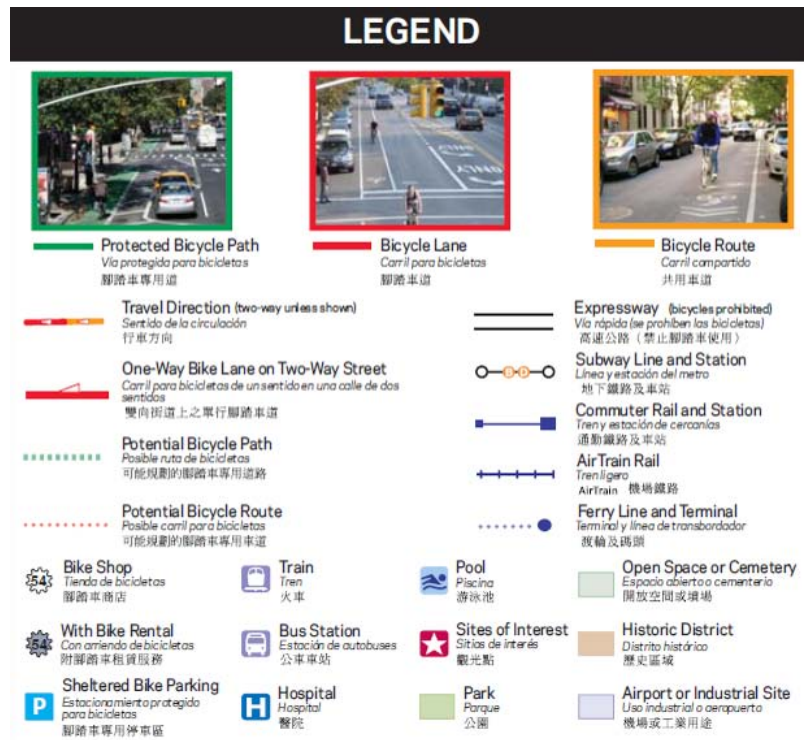
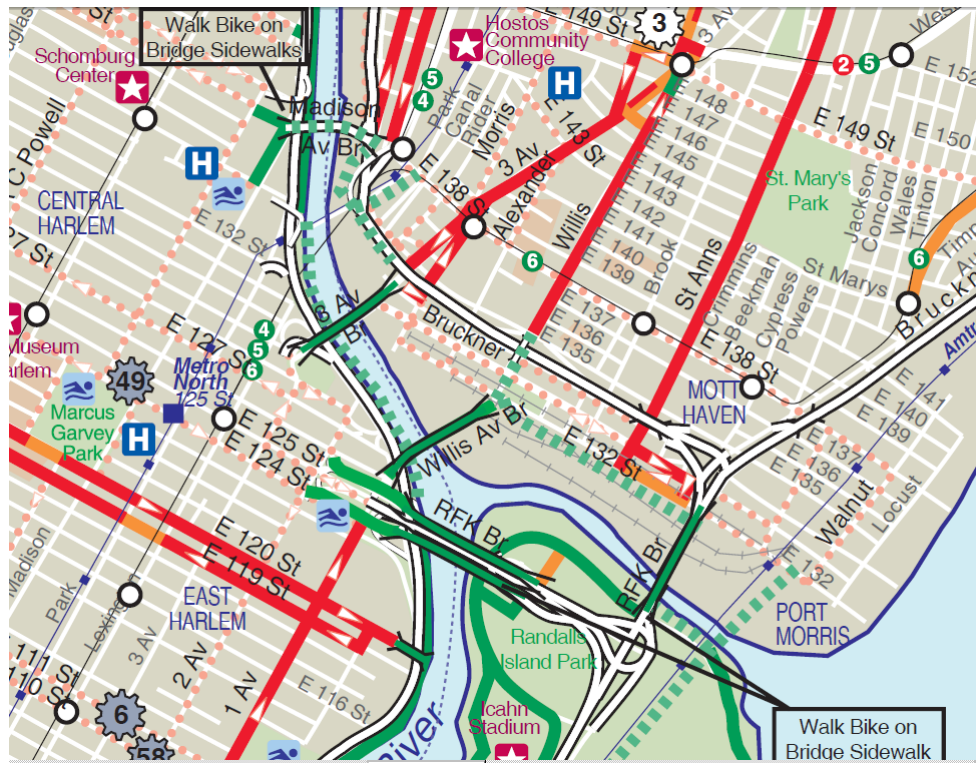
Source: <http://www.ptny.org/Trailfinder/Default.aspx>.

FIGURE 2-5
ERIE CANALWAY TRAIL LOCATION AT
SCHENECTADY, NY



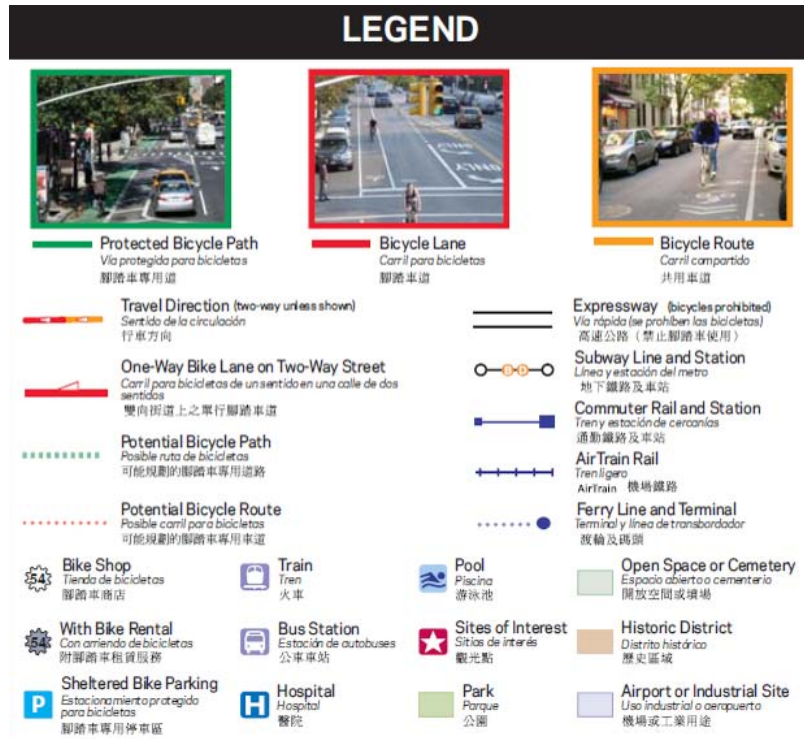
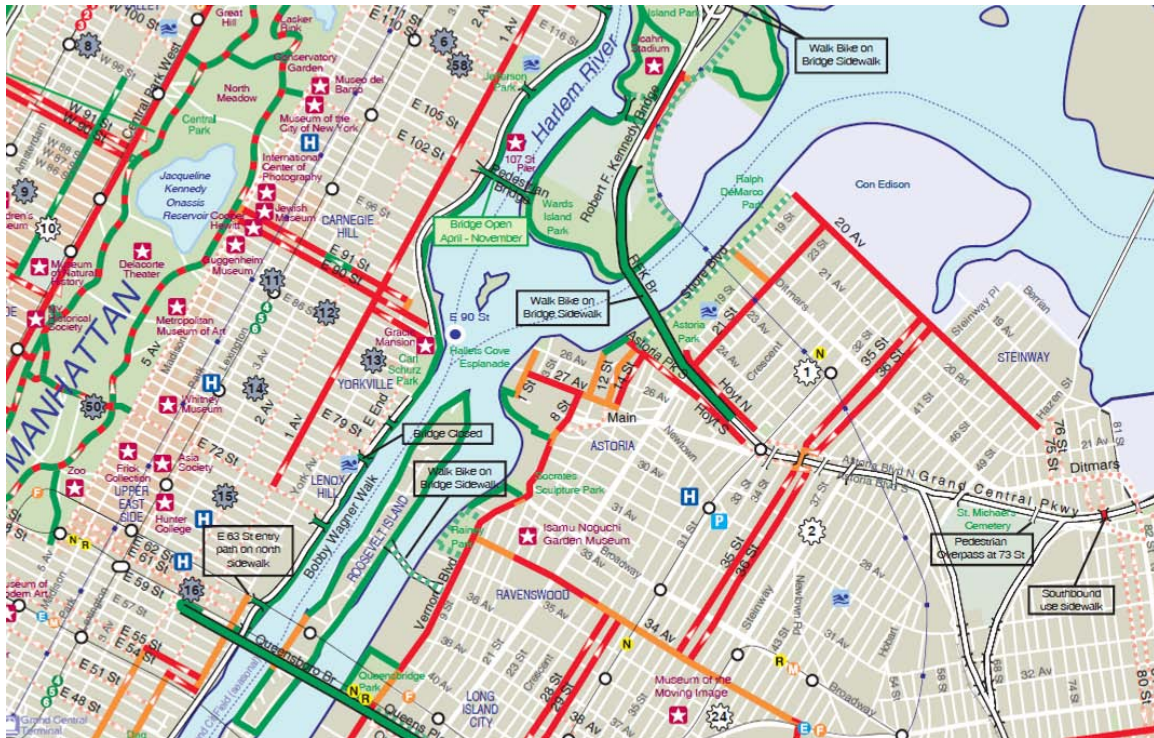
Source: <http://www.ptny.org/Trailfinder/Default.aspx>

**FIGURE 2-6
BRONX AREA DESIGNATED BICYCLE ROUTES**



Source: 2011 NYC Cycling Map www.nyc.gov/bikes

FIGURE 2-7
ASTORIA AREA DESIGNATED BICYCLE ROUTES



Source: 2011 NYC Cycling Map www.nyc.gov/bikes

FIGURE 2-8A
PORTION OF FEMA FLOOD HAZARD MAP PANEL 3604970092F

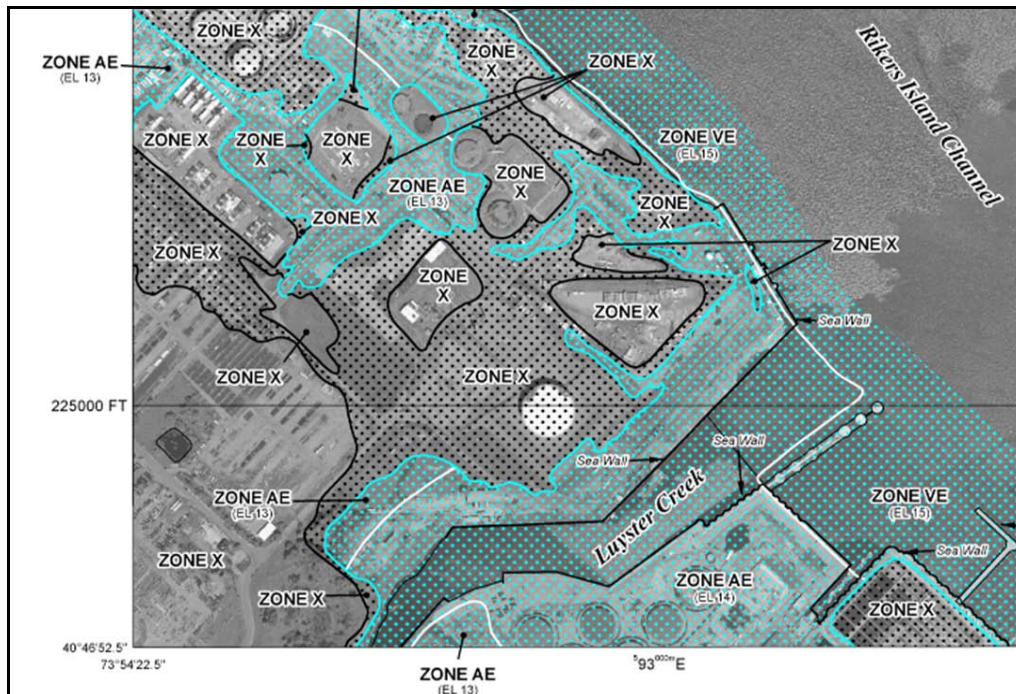
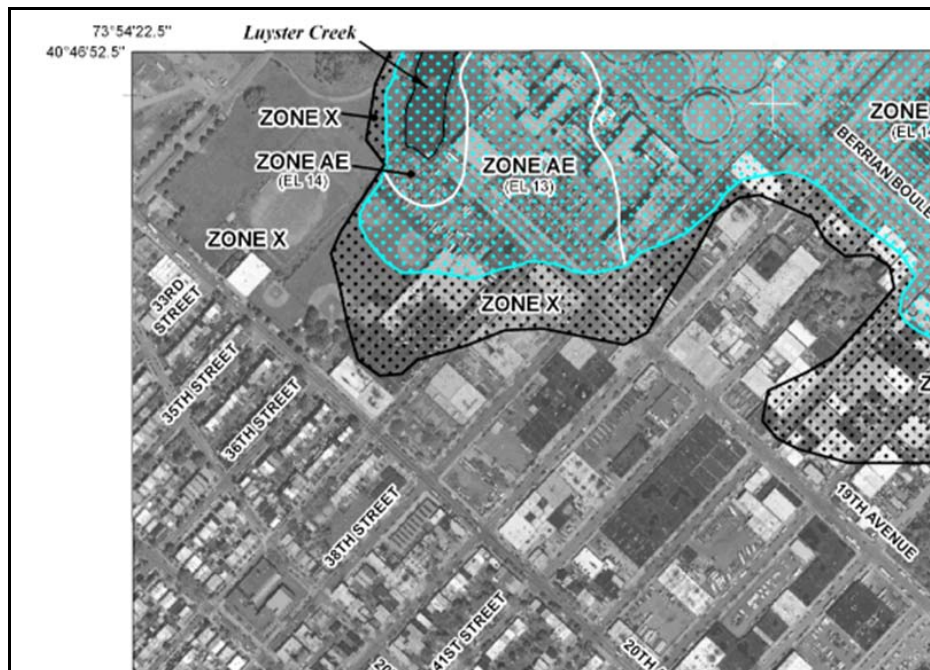
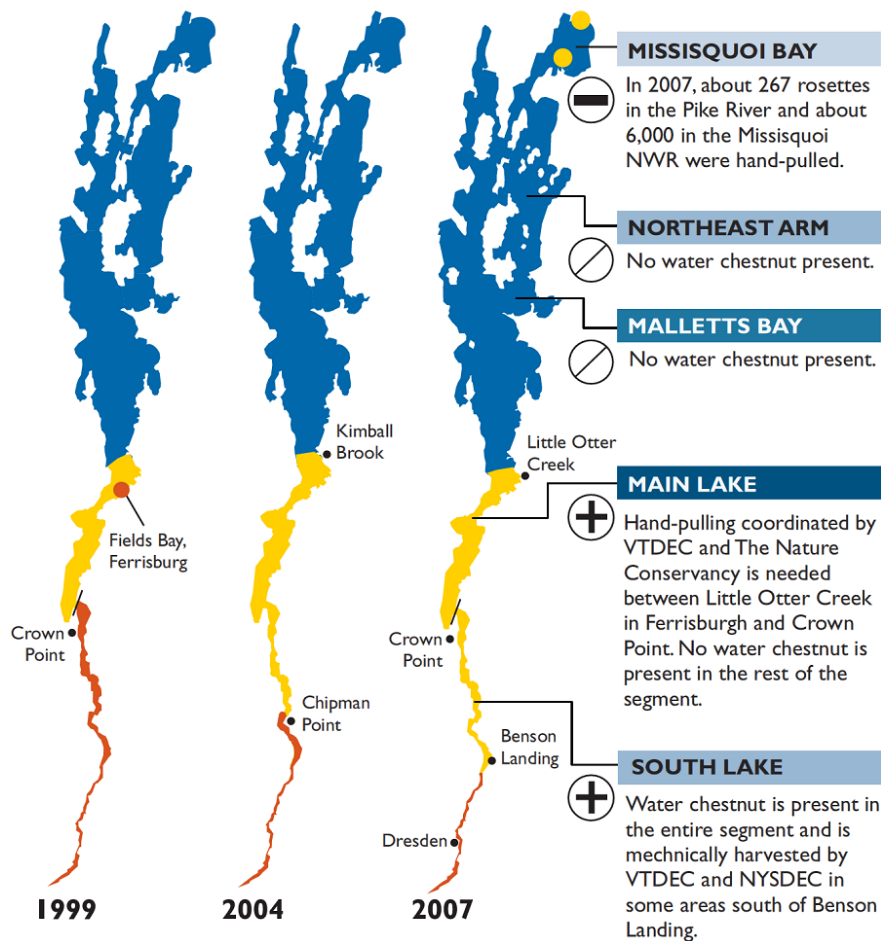


FIGURE 2-8B
PORTION OF FEMA FLOOD HAZARD MAP PANEL 3604970094F





STATUS

GOOD

No water chestnut present and no management needed

FAIR

Water chestnut present with less than 25% coverage (typically managed by hand-pulling)

POOR

Water chestnut present with greater than 25% coverage (typically managed by mechanical harvesting) in an area covering greater than 10% of the segment

TREND



Improving: water chestnut is decreasing



No trend: neither improving nor deteriorating



Deteriorating: water chestnut is increasing



No trend data is available

DATA SOURCES: VTDEC, NYSDEC, QC MDDEP.

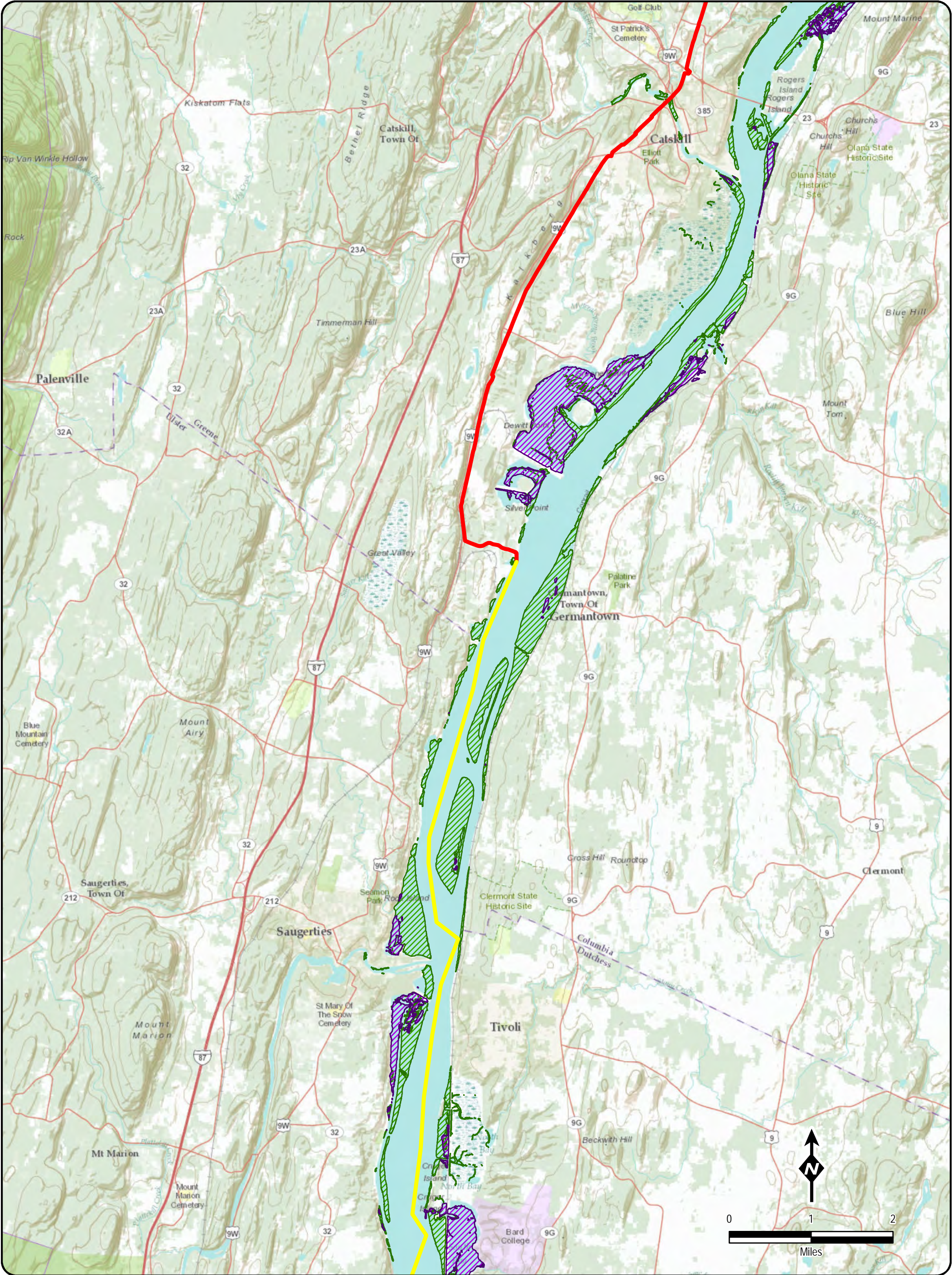
Figure 4-1
Status of Water Chestnut Infestation in Lake Champlain





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Submerged Aquatic Vegetation

-  Water Chestnut
-  Water Celery

Proposed CHPEI Route

-  Submarine Route
-  Terrestrial Route

DATA SOURCES:

ESRI, TDI, TRC, Hudson River National Estuarine Research Reserve (NERR) and New York State Department of Environmental Conservation (NYSDEC)



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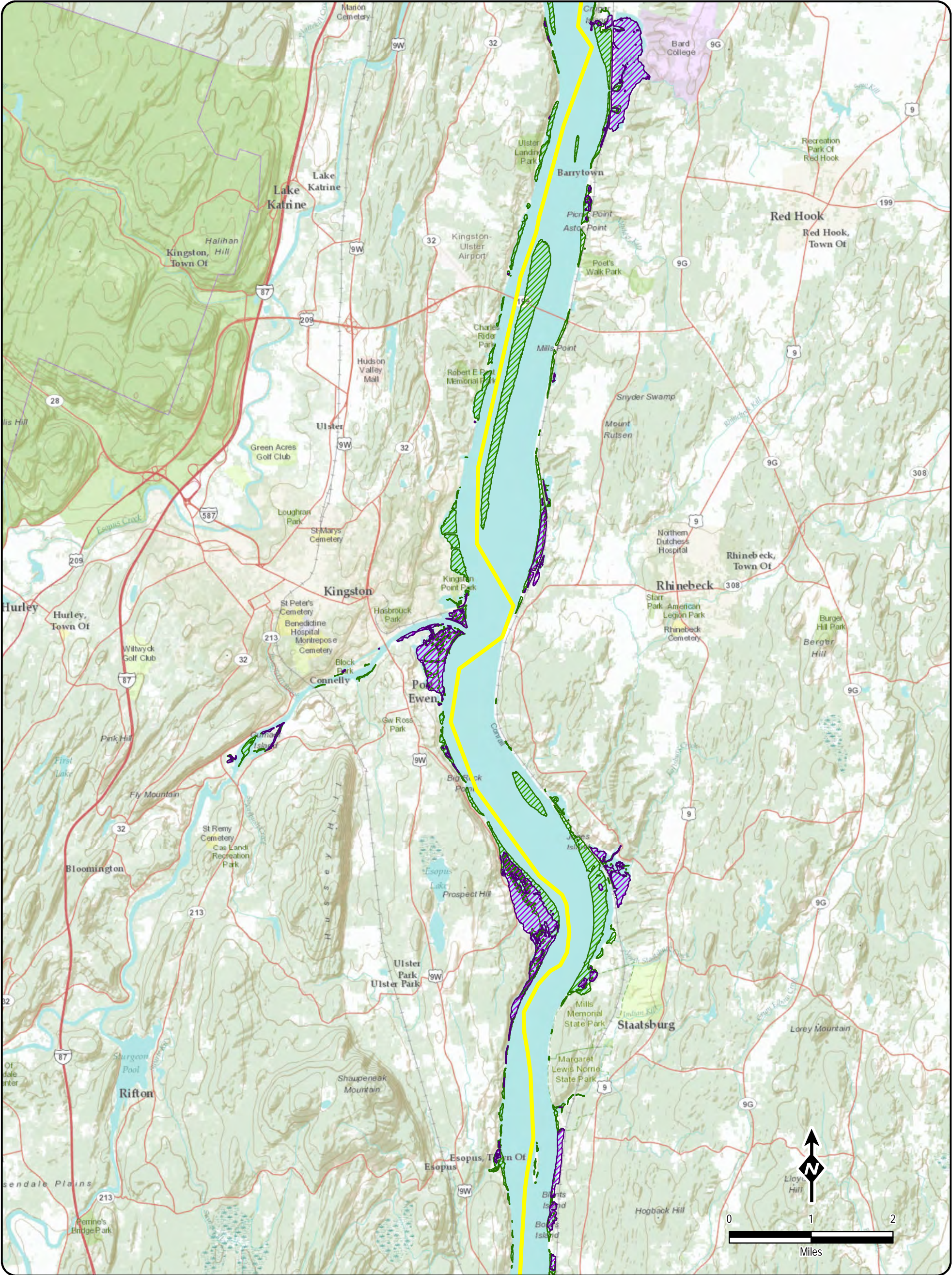
Champlain Hudson Power Express Project
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Figure 4-2



Hudson River Submerged
Aquatic Vegetation Beds

Sheet 1 of 7



Prepared by:   &  1/11/2012



Submerged Aquatic Vegetation

-  Water Chestnut
-  Water Celery

Proposed CHPEI Route

-  Submarine Route
-  Terrestrial Route

DATA SOURCES:

ESRI, TDI, TRC, Hudson River National Estuarine Research Reserve (NERR) and New York State Department of Environmental Conservation (NYSDEC)



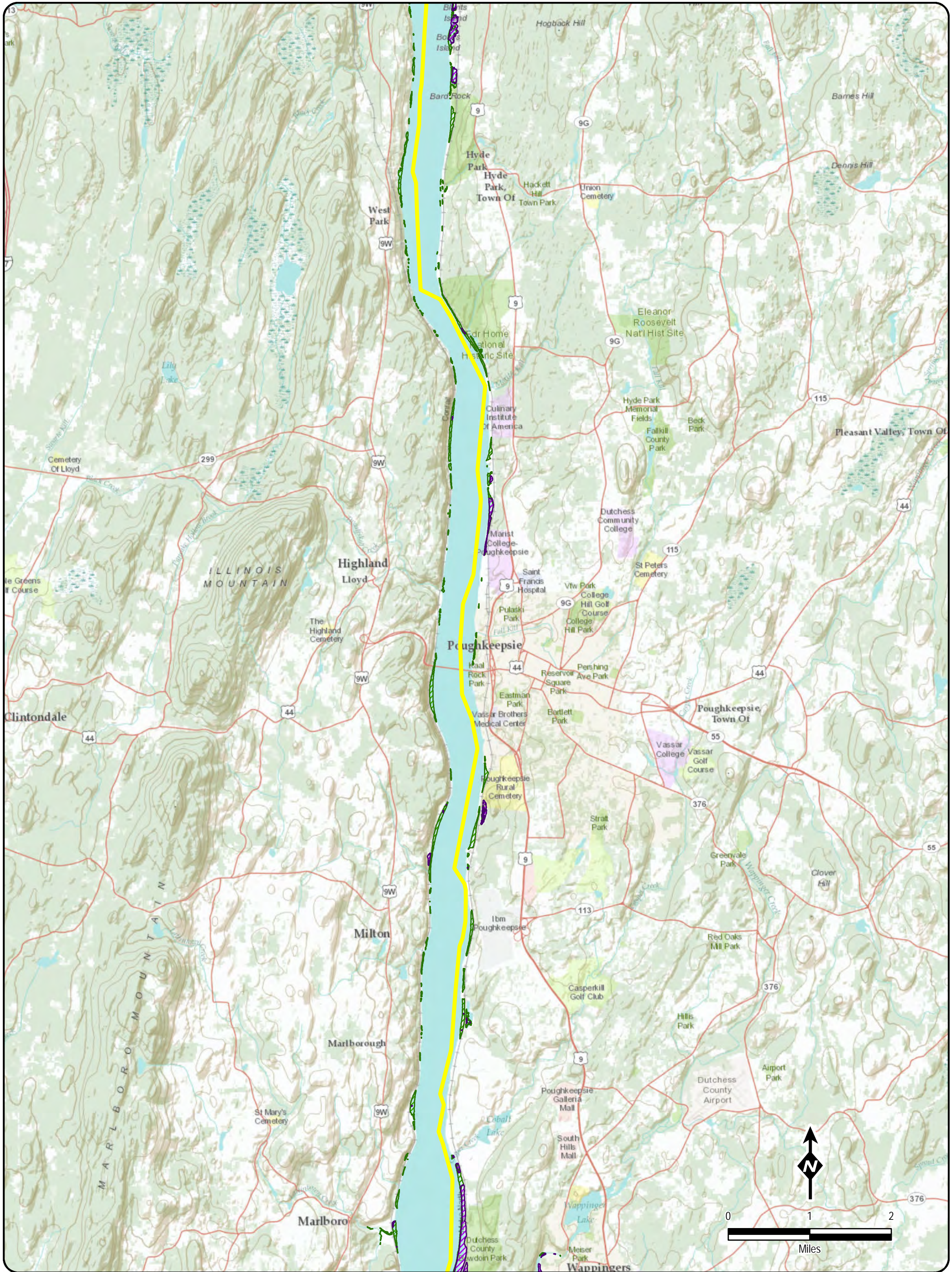
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Figure 4-2



Hudson River Submerged
Aquatic Vegetation Beds

Sheet 2 of 7



Prepared by:   &  1/11/2012



Submerged Aquatic Vegetation

-  Water Chestnut
-  Water Celery

Proposed CHPEI Route

-  Submarine Route
-  Terrestrial Route

DATA SOURCES:

ESRI, TDI, TRC, Hudson River National Estuarine Research Reserve (NERR) and New York State Department of Environmental Conservation (NYSDEC)



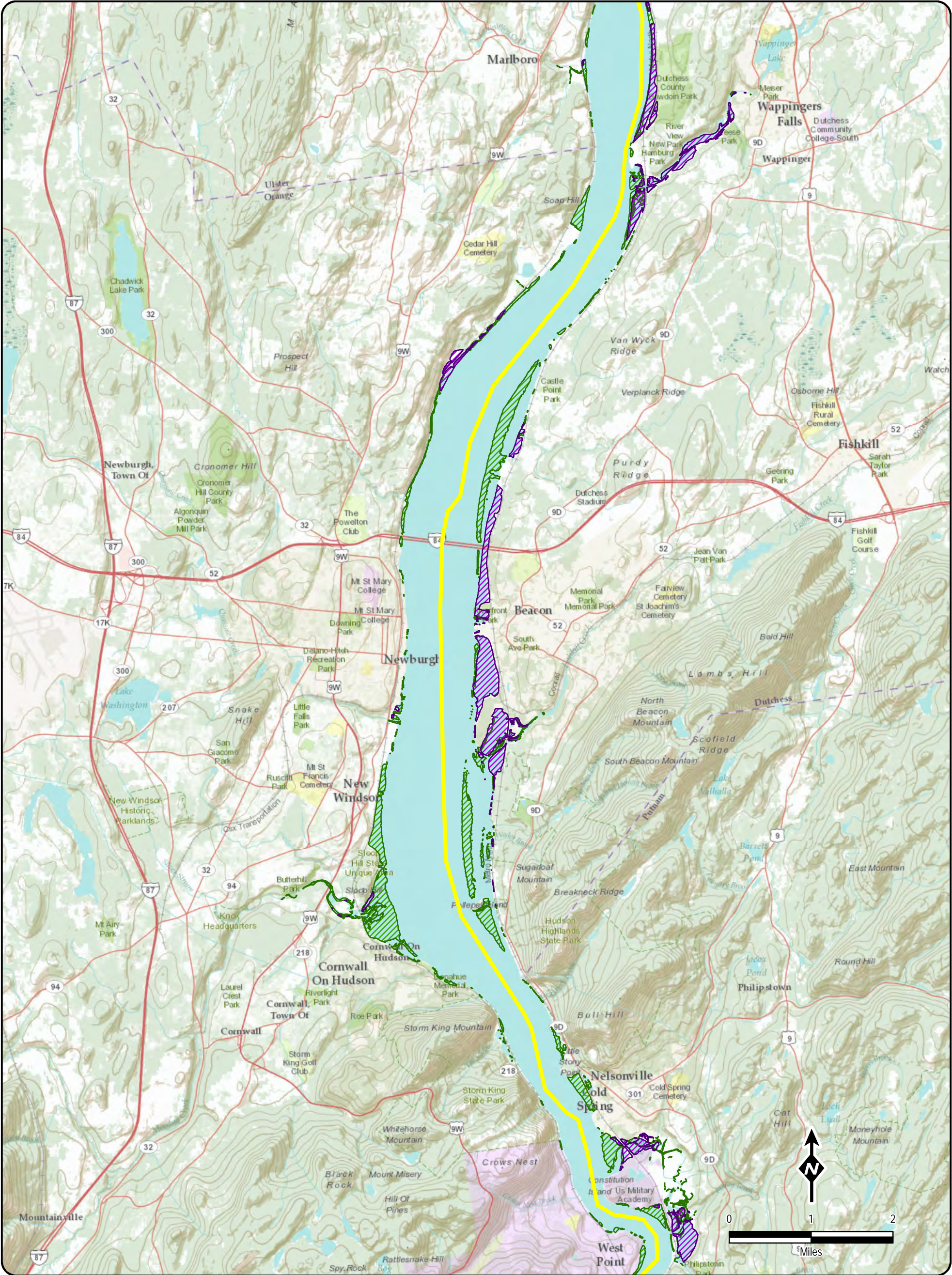
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Figure 4-2
Hudson River Submerged
Aquatic Vegetation Beds

Sheet 3 of 7



Prepared by:   &  1/11/2012



Submerged Aquatic Vegetation

-  Water Chestnut
-  Water Celery

Proposed CHPEI Route

-  Submarine Route
-  Terrestrial Route

DATA SOURCES:

ESRI, TDI, TRC, Hudson River National Estuarine Research Reserve (NERR) and New York State Department of Environmental Conservation (NYSDEC)



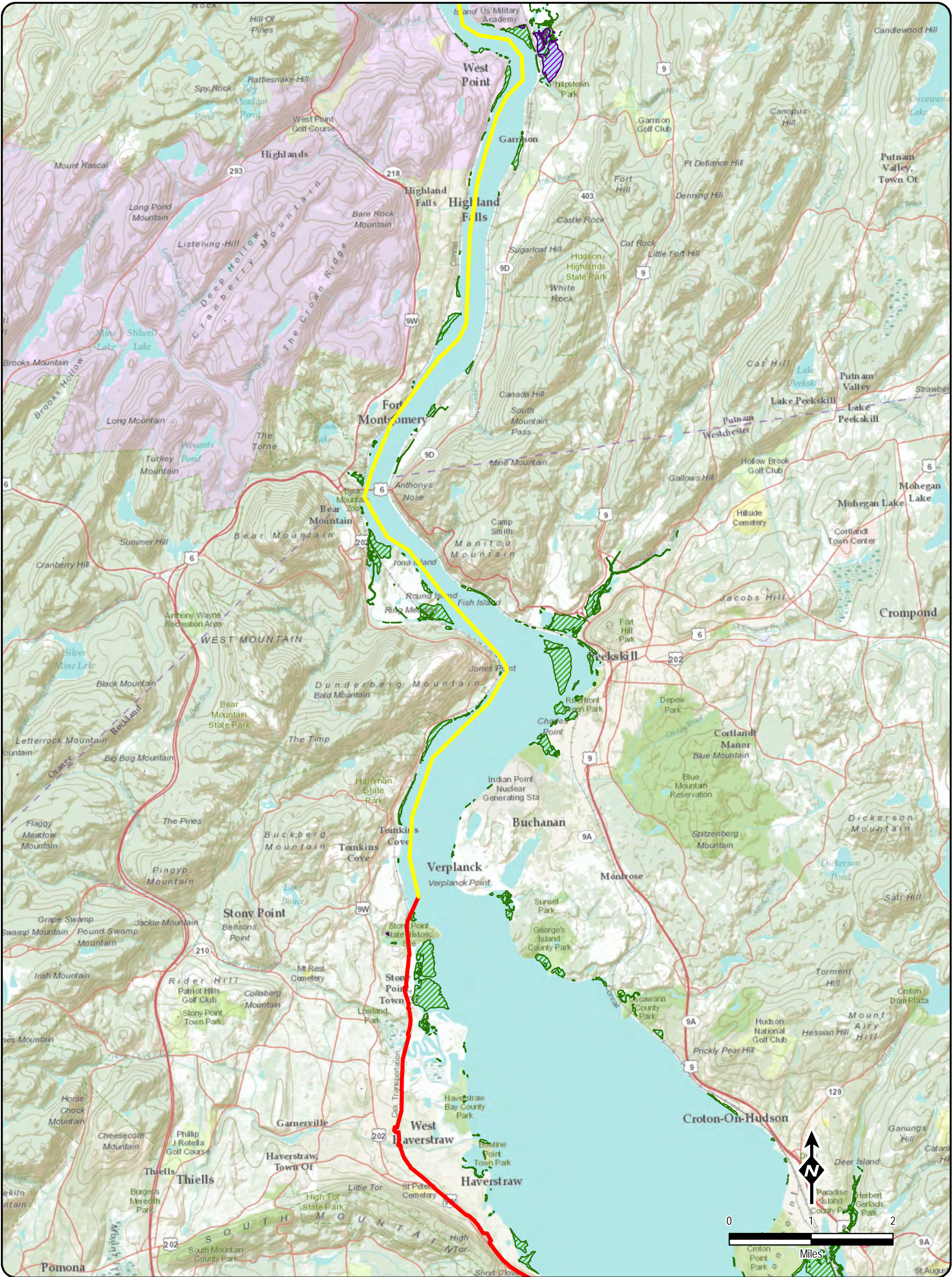
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Figure 4-2
Hudson River Submerged
Aquatic Vegetation Beds

Sheet 4 of 7



Prepared by:   &  1/11/2012



Submerged Aquatic Vegetation

-  Water Chestnut
-  Water Celery

Proposed CHPEI Route

-  Submarine Route
-  Terrestrial Route

DATA SOURCES:

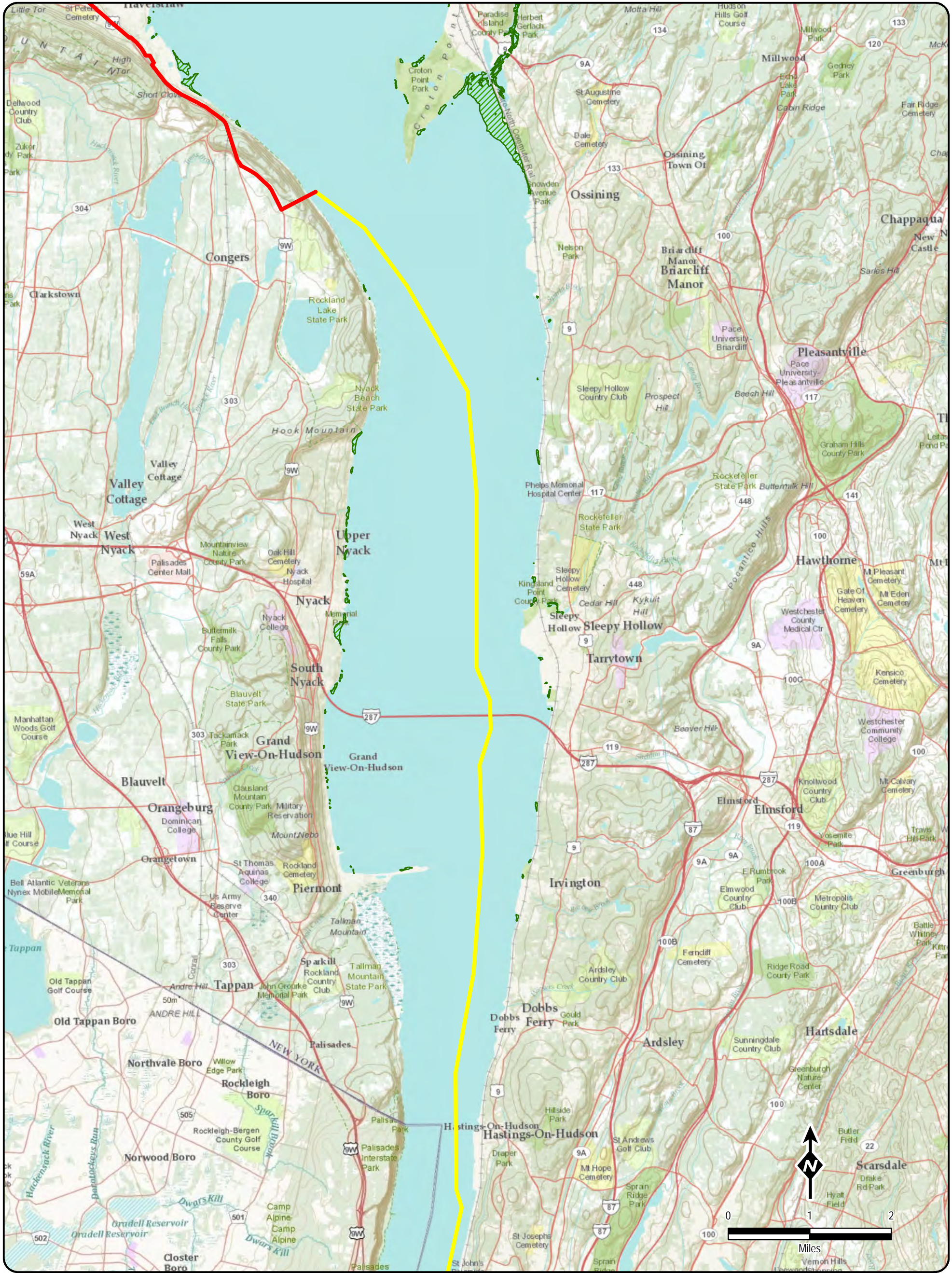
ESRI, TDI, TRC, Hudson River National Estuarine Research Reserve (NERR) and New York State Department of Environmental Conservation (NYSDEC)


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Figure 4-2
Hudson River Submerged
Aquatic Vegetation Beds

Sheet 5 of 7



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Submerged Aquatic Vegetation

-  Water Chestnut
-  Water Celery

Proposed CHPEI Route

-  Submarine Route
-  Terrestrial Route

DATA SOURCES:

ESRI, TDI, TRC, Hudson River National Estuarine Research Reserve (NERR) and New York State Department of Environmental Conservation (NYSDEC)

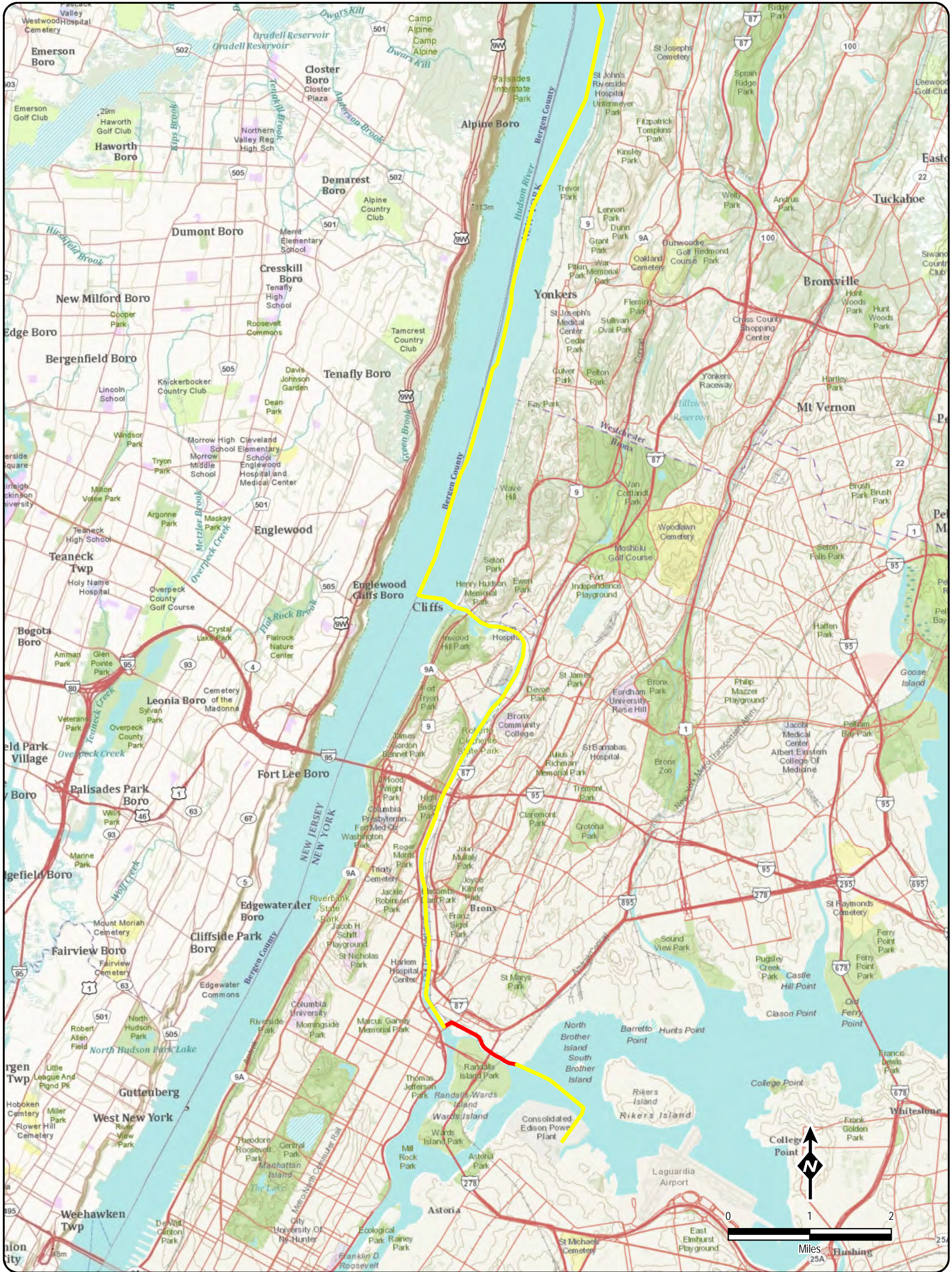

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Figure 4-2

Hudson River Submerged
Aquatic Vegetation Beds

Sheet 6 of 7

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Submerged Aquatic Vegetation

- Water Chestnut
- Water Celery

Proposed CHPEI Route

- Submarine Route
- Terrestrial Route

DATA SOURCES:

ESRI, TDI, TRC, Hudson River National Estuarine Research Reserve (NERR) and New York State Department of Environmental Conservation (NYSDEC)



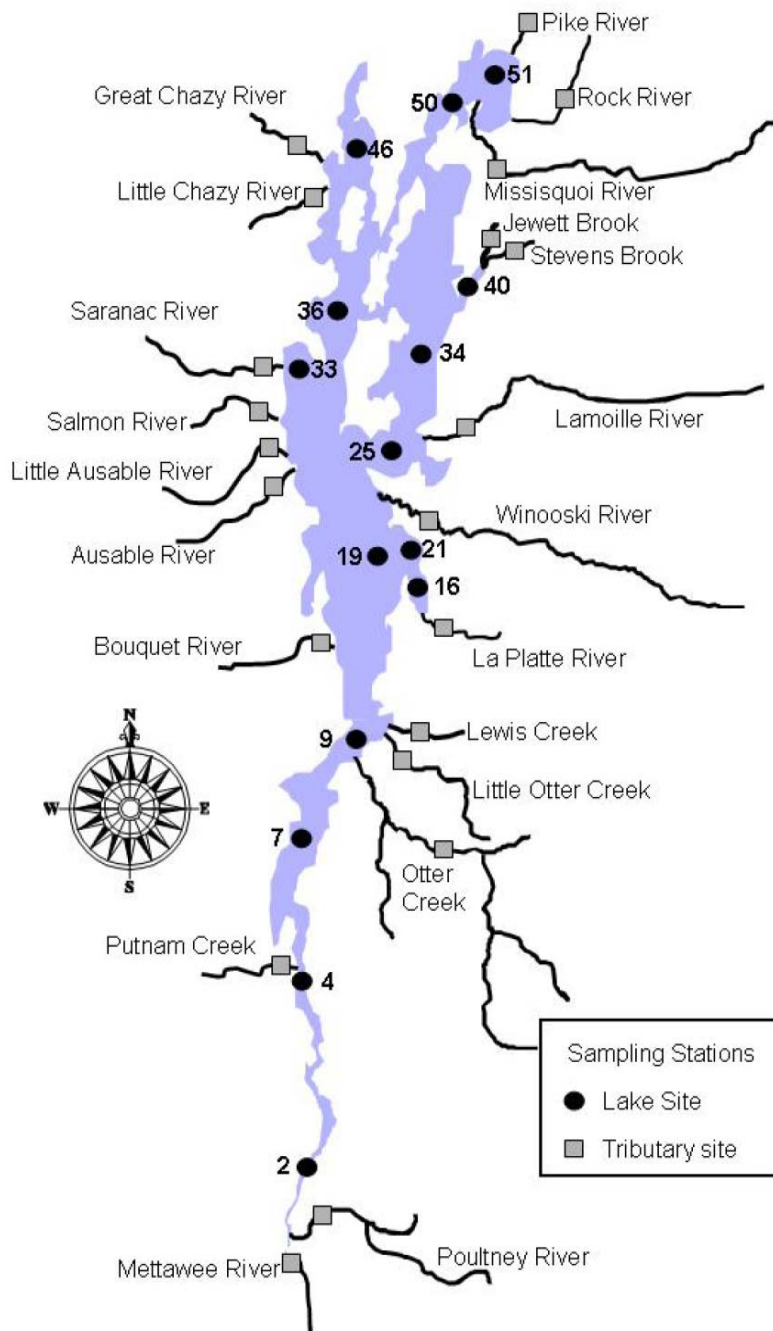
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Figure 4-2

Hudson River Submerged
Aquatic Vegetation Beds

Sheet 7 of 7

Prepared by: & 1/11/2012



Source: VTDEC 2009

Figure 6-1

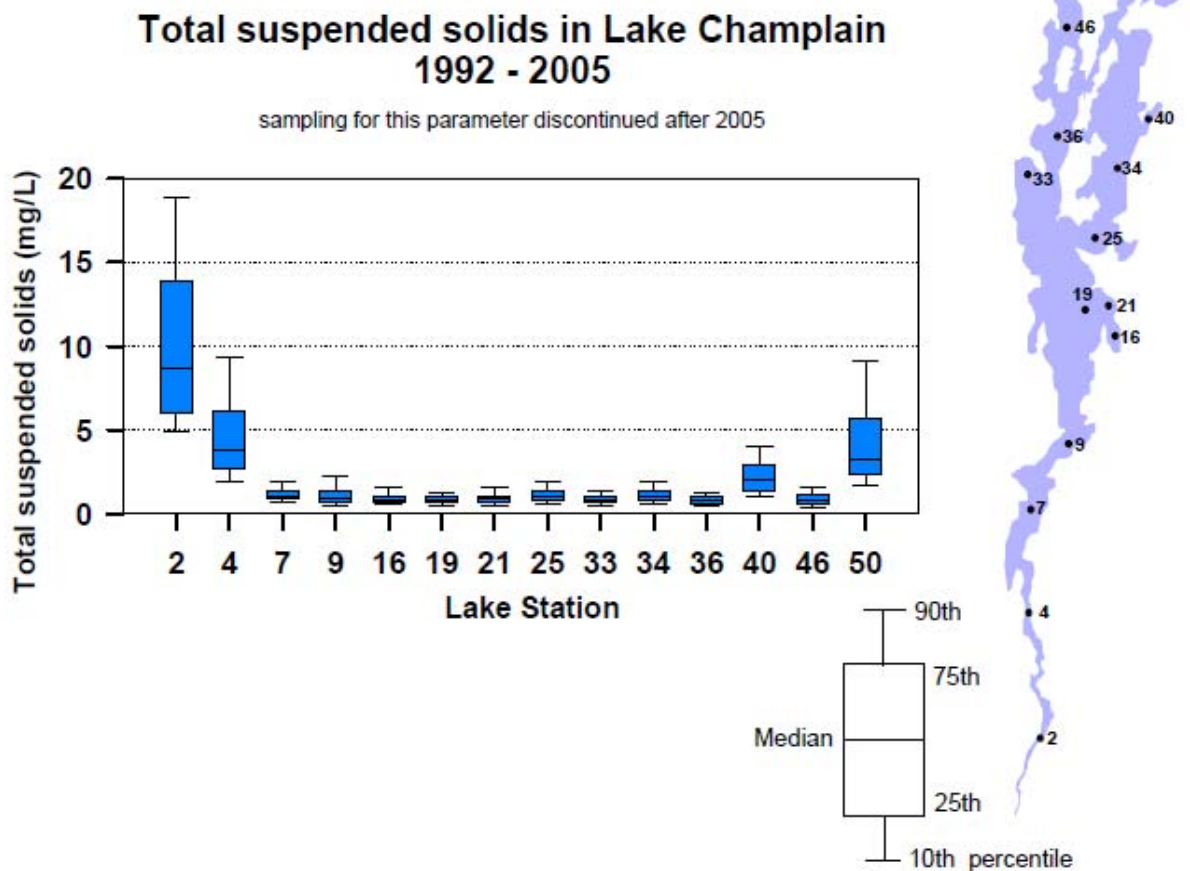
**Lake Champlain Long-Term Water Quality and
Biological Monitoring Program Sampling Stations**



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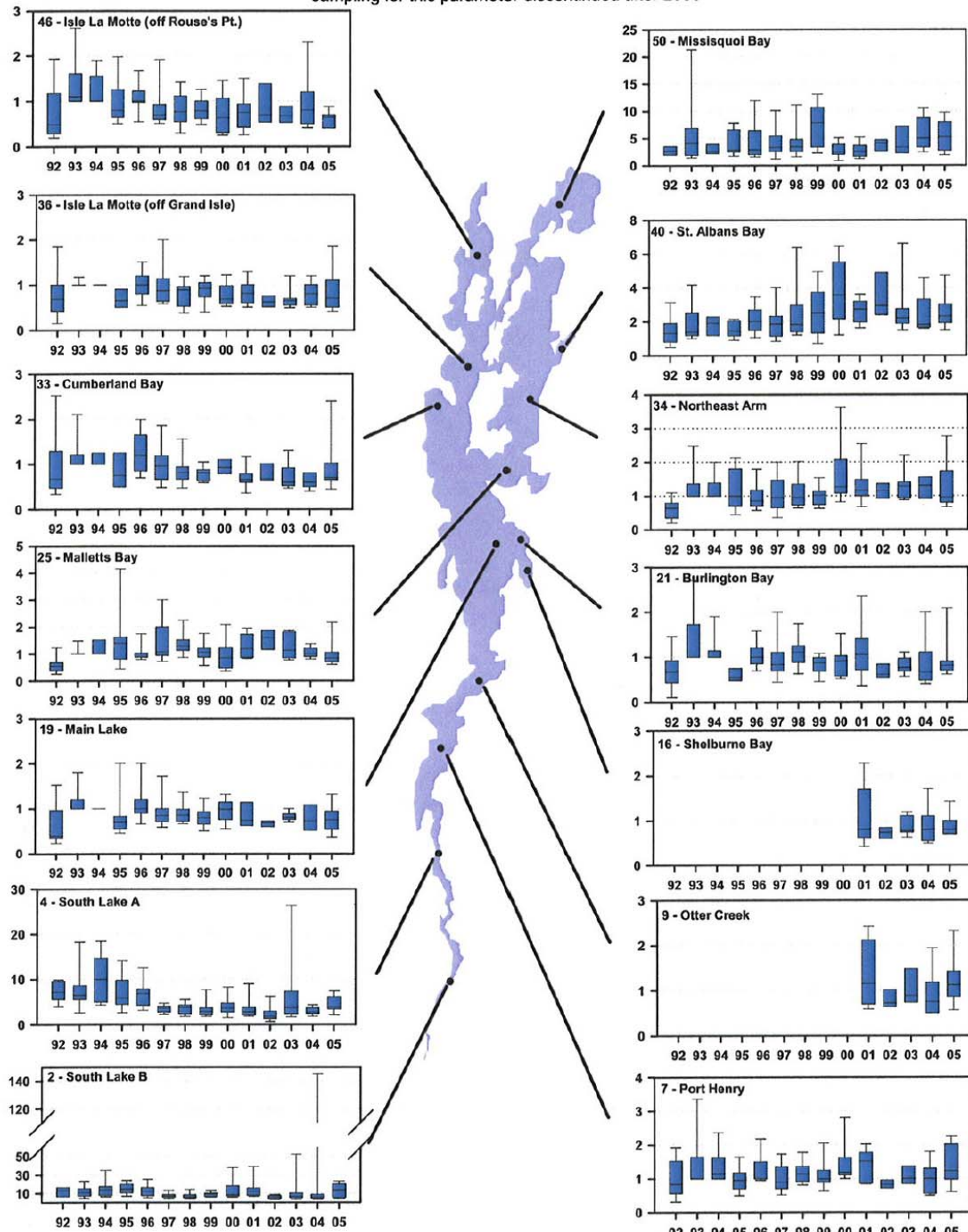
Prepared by: **HDR** | **DTA** & **TRC**



Source: VTDEC 2009

Figure 6-2
Lake Champlain Total Suspended Solids
Concentrations 1992 to 2005

Annual total suspended solids concentrations (mg/L) in Lake Champlain, 1992 - 2005
sampling for this parameter discontinued after 2005



Source: VTDEC 2009

Figure 6-3

Annual Total Suspended Solids Concentrations in
Lake Champlain 1992 to 2005

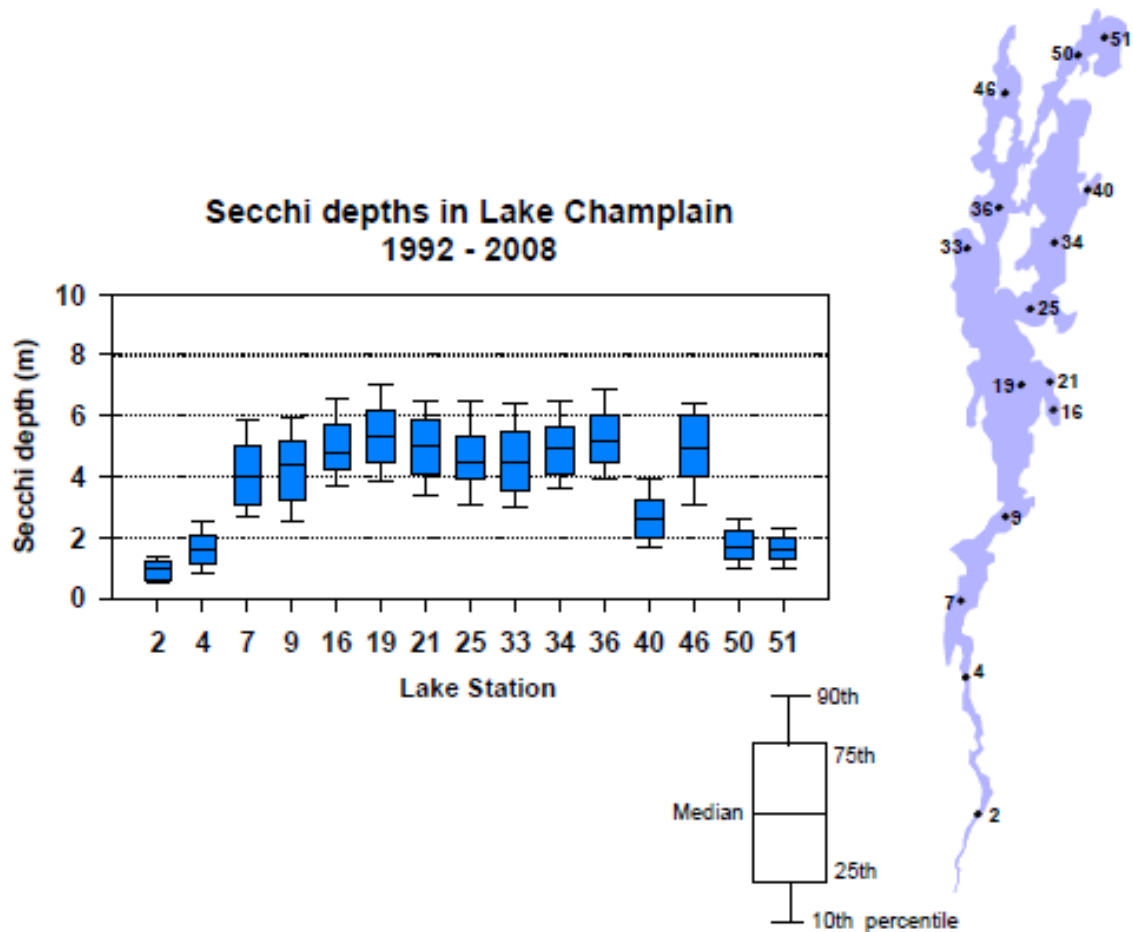


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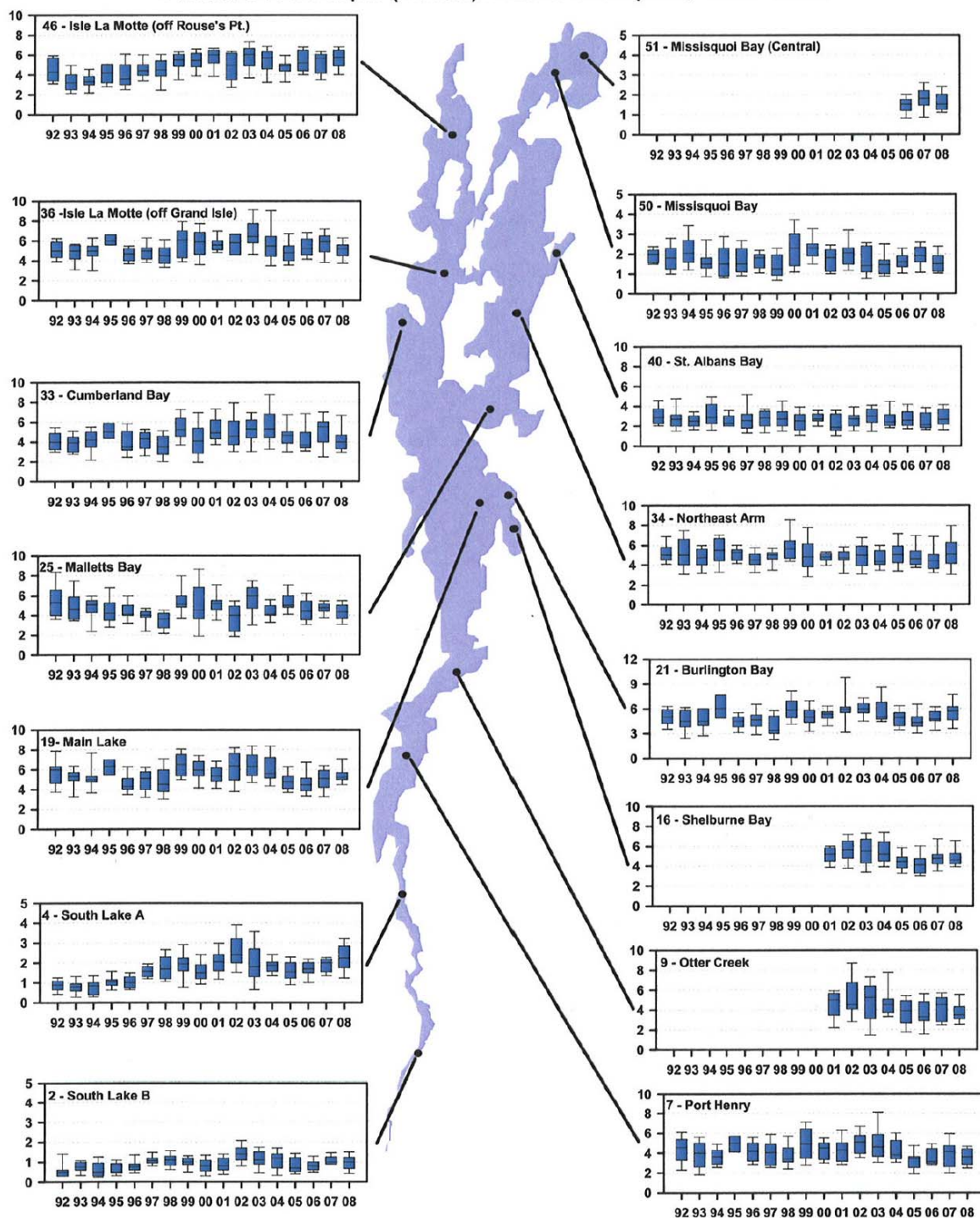
Prepared by: HDR | DTA & TRC



Source: VTDEC 2009

Figure 6-4
Lake Champlain Secchi Depths 1992 to 2008

Annual Secchi depth (meters) in Lake Champlain, 1992 - 2008



Source: VTDEC 2009

Figure 6-5
Annual Secchi Depths in Lake Champlain
1992 to 2008



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Prepared by: HDR | DTA & TRC

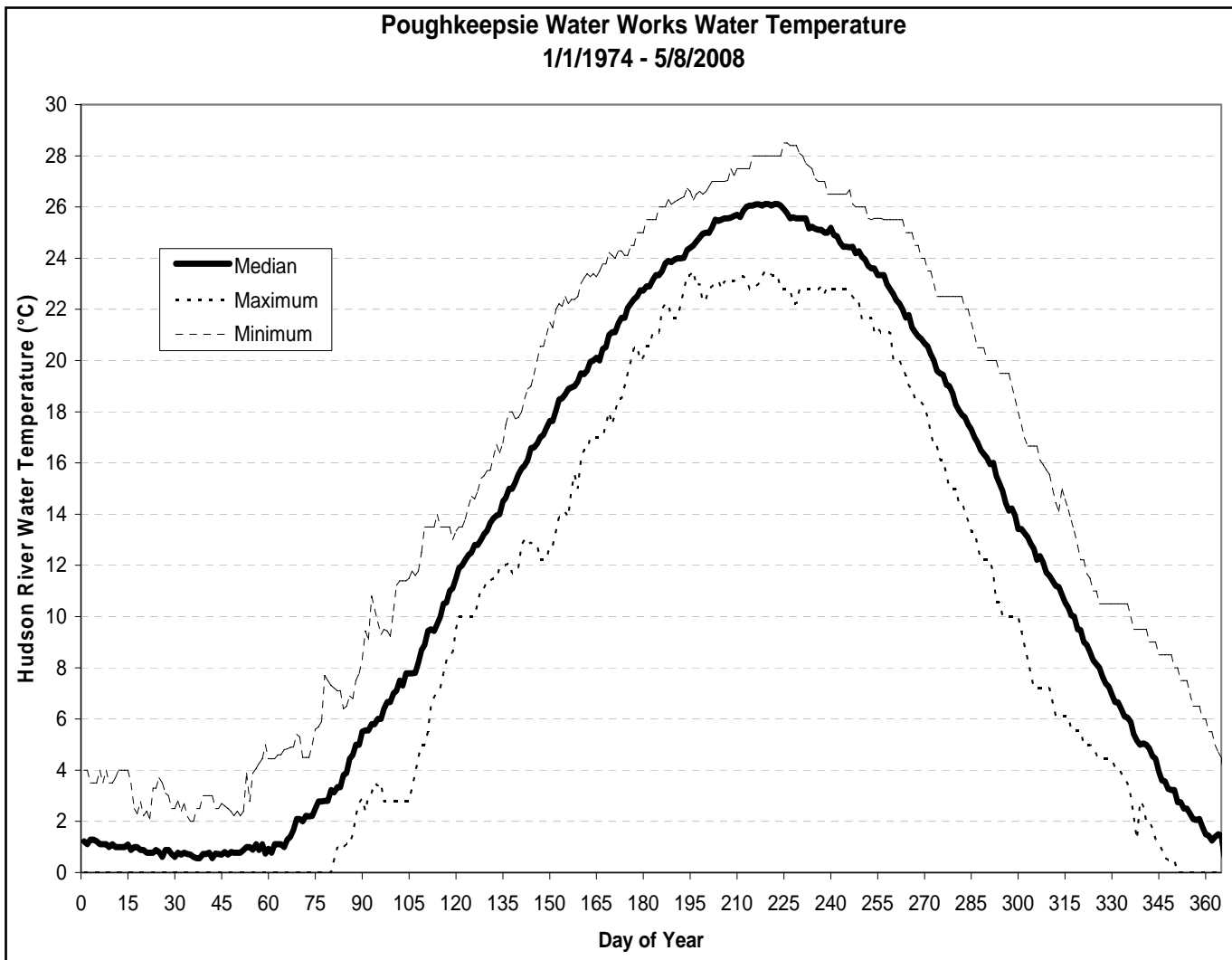


Figure 6-6

**A Summary of Poughkeepsie Water Works Data from
1974 through May 8, 2008**

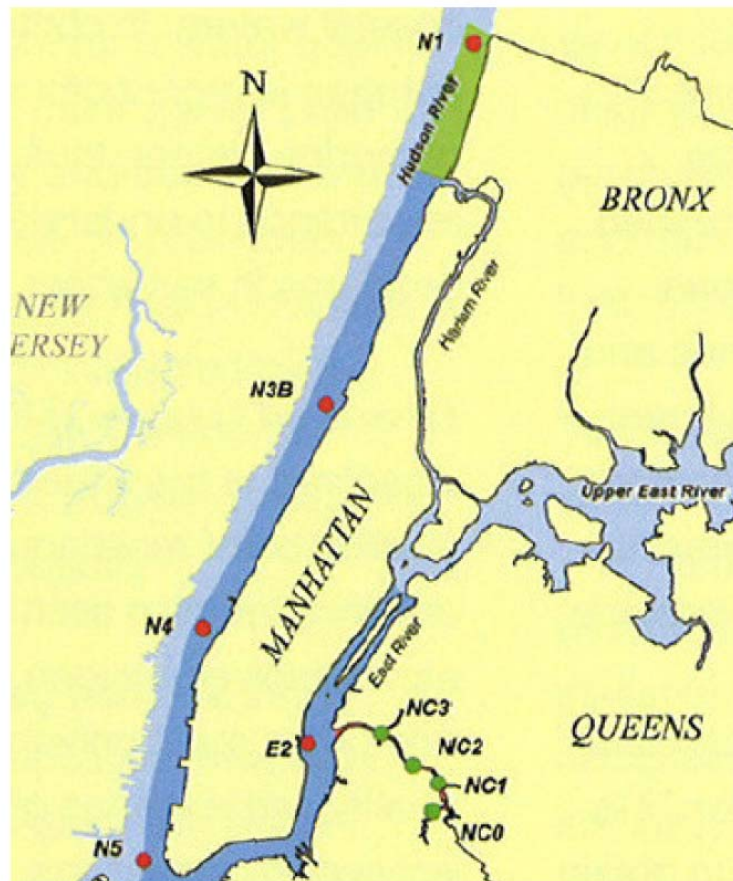


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Prepared by: **HDR** | **DTA** & **TRC**

Hudson River & Upper NY Bay	
N1	Mt. St. Vincent
N3B	West 125th Street
N4	West 42nd Street
N5	Pier A - The Battery
N6	Bell Buoy No 27
N7	Robbins Reef
G2	Gowanus Channel
East River	
E2	East 23rd Street
Newtown Creek	
NC0	English Kills
NC1	Amoco Tank Farm
NC2	Maspeth Creek
NC3	Whale Creek



Source: NYCDEP 2008

Figure 6-7
NYCDEP New York Harbor Water Quality
Sampling Stations

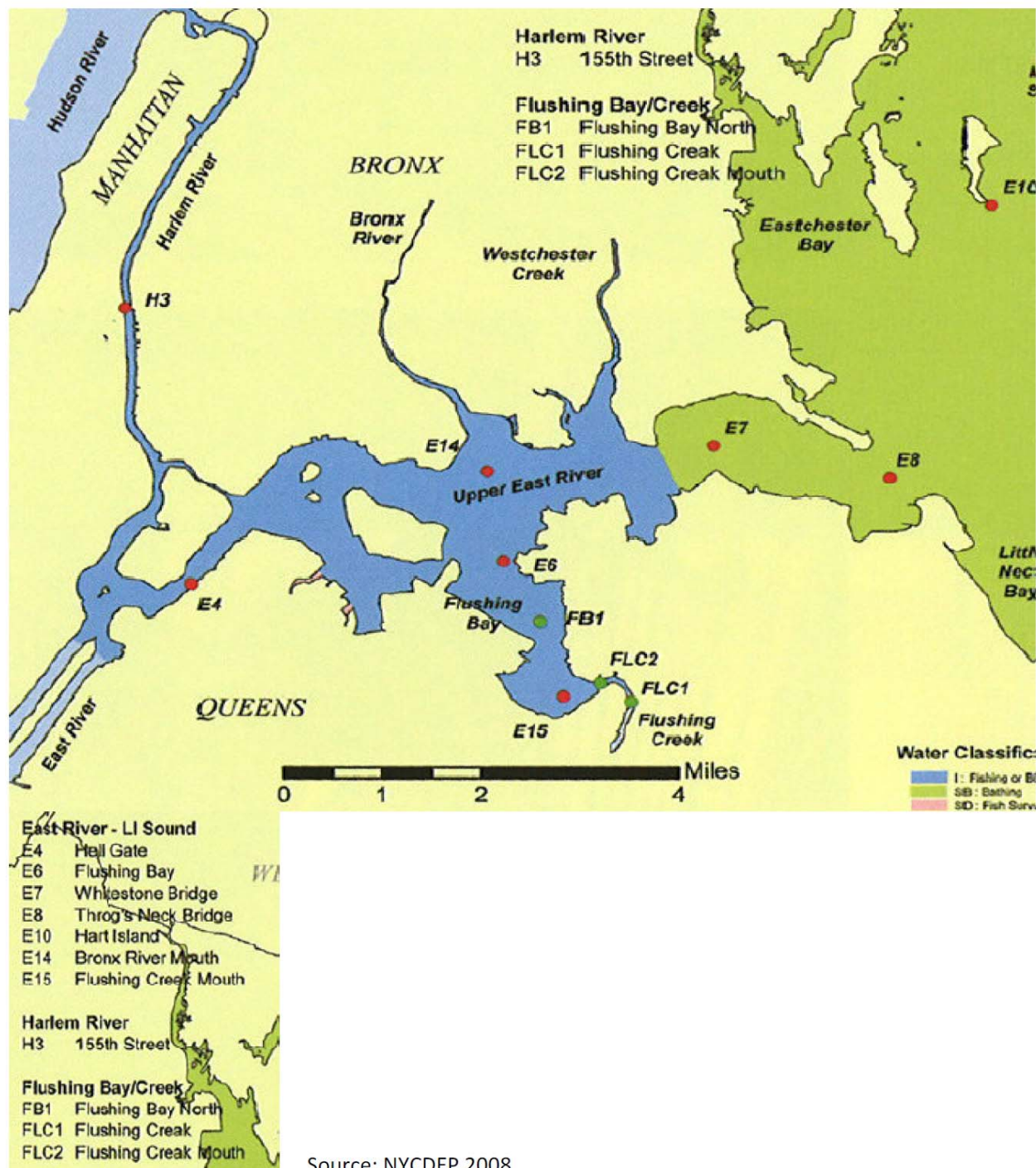


Figure 6-8

NYCDEP Upper East River – Western Long Island Sound Sampling Stations



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Prepared by: HDR | DTA & TRC

Hudson River Sites Sampled in 2000

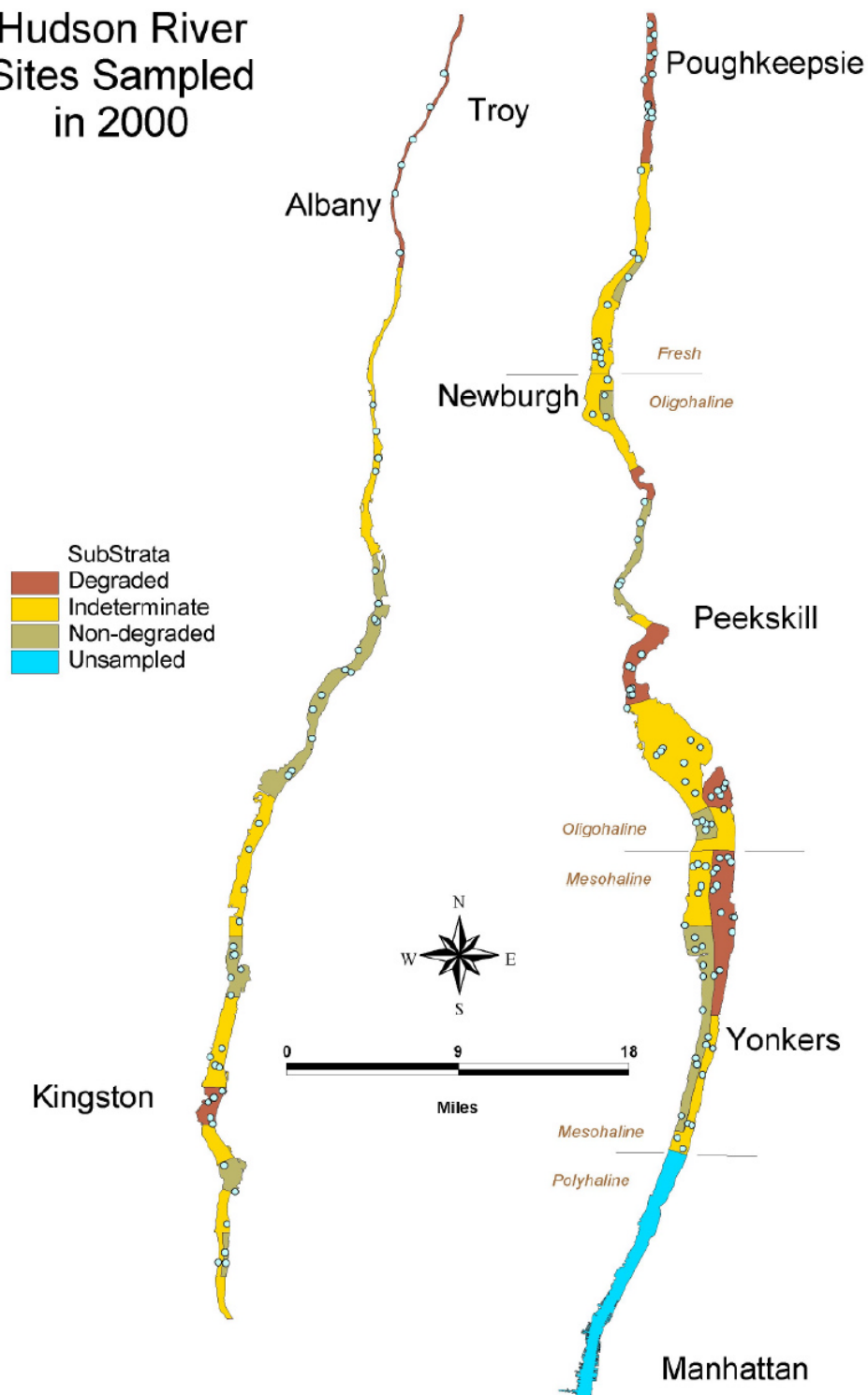
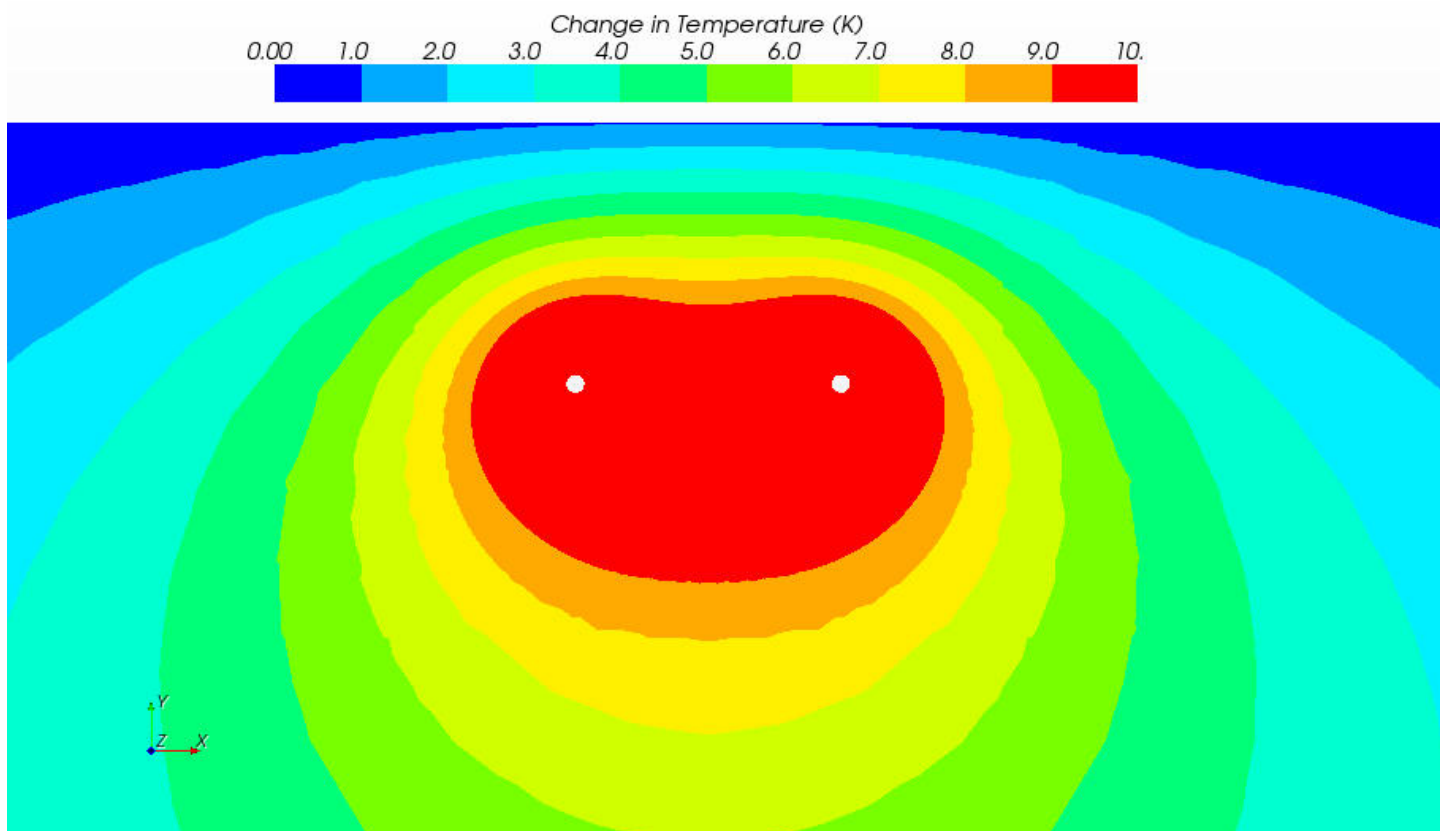


Figure 7-1
Hudson River Biocriteria Project
Benthic Sampling Locations



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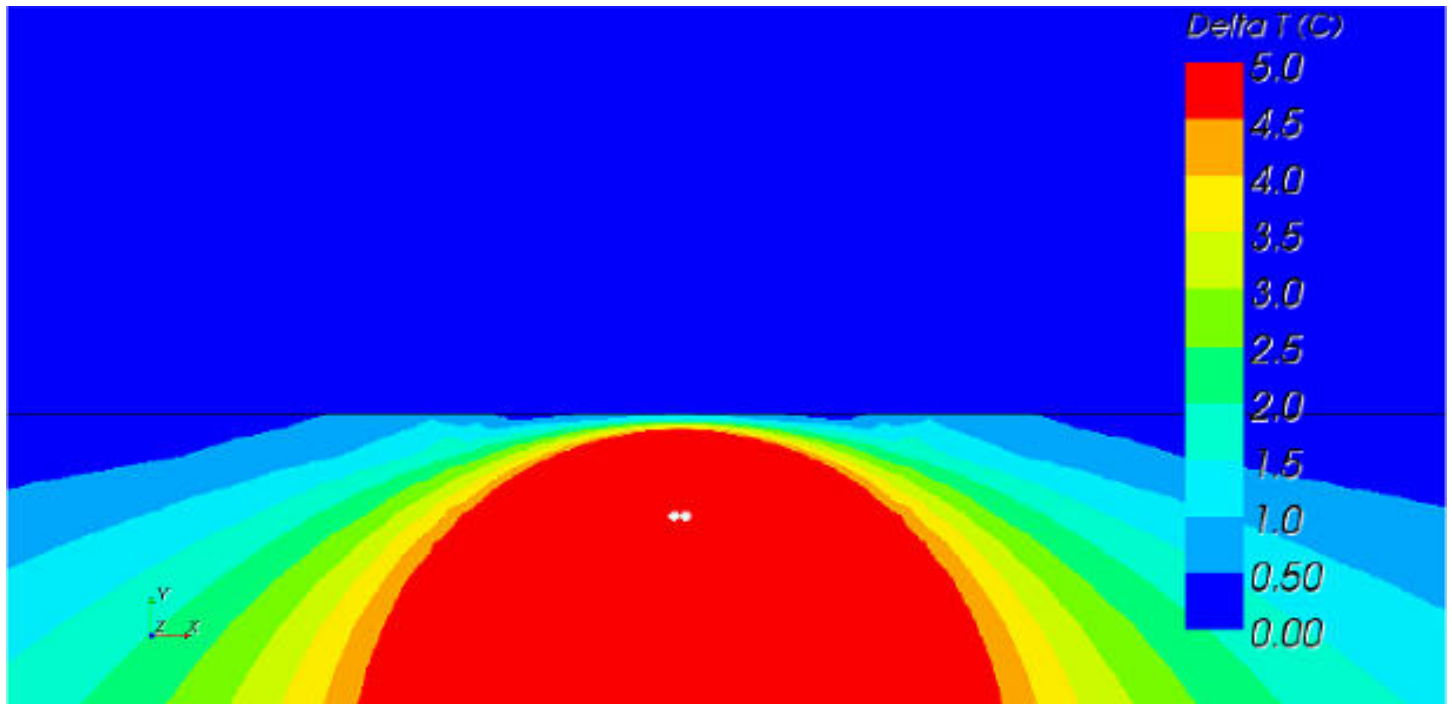
Figure 7-2

Seafloor Surface Temperature

Six Foot Burial with Six Foot Separation

Sheet 1 of 1

Prepared by: HDR | DTA & CTRC 4/18/2011



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Figure 7-3

Seafloor Surface Temperature
Four Foot Burial with No Separation

Sheet 1 of 1

GRID X – Hudson River					
Species	Eggs	Larvae	Juveniles	Adults	Spawning Adults
red hake (<i>Urophycis chuss</i>)		M,S	M,S	M,S	
winter flounder (<i>Pleuronectes americanus</i>)	M,S	M,S	M,S	M,S	M,S
windowpane flounder (<i>Scophthalmus aquosus</i>)	M,S	M,S	M,S	M,S	M,S
Atlantic sea herring (<i>Clupea harengus</i>)		M,S	M,S	M,S	
bluefish (<i>Pomatomus saltatrix</i>)			M,S	M,S	
Atlantic butterfish (<i>Peprilus triacanthus</i>)		M	M,S	M,S	
Atlantic mackerel (<i>Scomber scombrus</i>)			S	S	
summer flounder (<i>Paralichthys dentatus</i>)		F,M,S	M,S	M,S	
scup (<i>Stenotomus chrysops</i>)	S	S	S	S	
black sea bass (<i>Centropristus striata</i>)			M,S	M,S	
king mackerel (<i>Scomberomorus cavalla</i>)	X	X	X	X	
Spanish mackerel (<i>Scomberomorus maculatus</i>)	X	X	X	X	
cobia (<i>Rachycentron canadum</i>)	X	X	X	X	

GRID #3				
Species	Eggs	Larvae	Juveniles	Adults
Atlantic cod (<i>Gadus morhua</i>)			X	X
pollock (<i>Pollachius virens</i>)			X	X
red hake (<i>Urophycis chuss</i>)	X	X	X	X
winter flounder (<i>Pleuronectes americanus</i>)	X	X	X	X
windowpane flounder (<i>Scophthalmus aquosus</i>)	X	X	X	X
Atlantic sea herring (<i>Clupea harengus</i>)		X	X	X
bluefish (<i>Pomatomus saltatrix</i>)			X	X
Atlantic butterfish (<i>Peprilus triacanthus</i>)		X	X	X
Atlantic mackerel (<i>Scomber scombrus</i>)			X	X
summer flounder (<i>Paralichthys dentatus</i>)		X	X	X
scup (<i>Stenotomus chrysops</i>)	X	X	X	X
black sea bass (<i>Centropristus striata</i>)	n/a		X	X
king mackerel (<i>Scomberomorus cavalla</i>)	X	X	X	X
Spanish mackerel (<i>Scomberomorus maculatus</i>)	X	X	X	X
cobia (<i>Rachycentron canadum</i>)	X	X	X	X
sand tiger shark (<i>Odontaspis taurus</i>)		X		

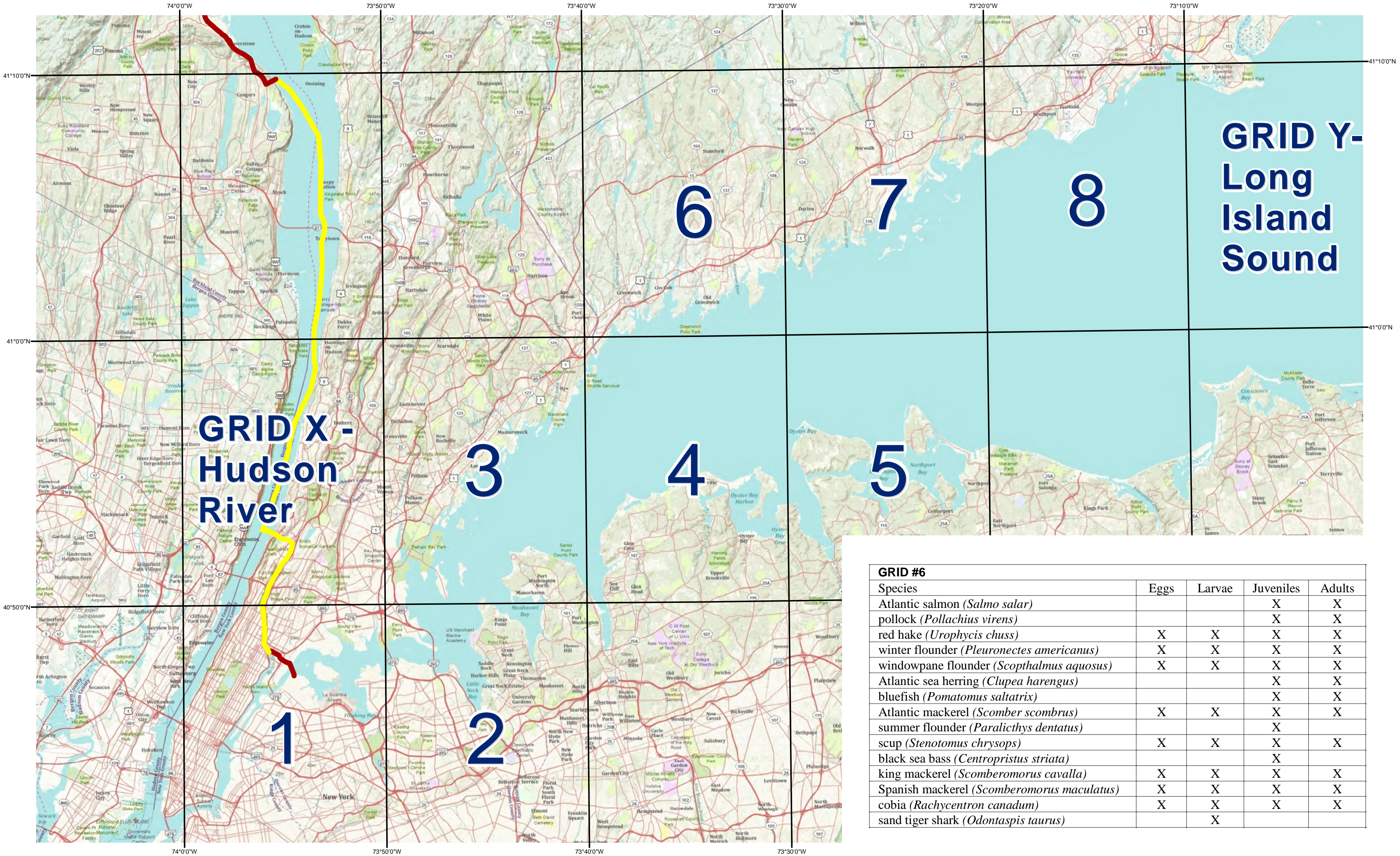
GRID #4				
Species	Eggs	Larvae	Juveniles	Adults
Atlantic salmon (<i>Salmo salar</i>)			X	X
pollock (<i>Pollachius virens</i>)			X	X
red hake (<i>Urophycis chuss</i>)	X	X	X	X
winter flounder (<i>Pleuronectes americanus</i>)	X	X	X	X
windowpane flounder (<i>Scophthalmus aquosus</i>)	X	X	X	X
Atlantic sea herring (<i>Clupea harengus</i>)			X	X
bluefish (<i>Pomatomus saltatrix</i>)			X	X
Atlantic mackerel (<i>Scomber scombrus</i>)	X	X	X	X
summer flounder (<i>Paralichthys dentatus</i>)			X	
scup (<i>Stenotomus chrysops</i>)	X	X	X	X
black sea bass (<i>Centropristus striata</i>)			X	
king mackerel (<i>Scomberomorus cavalla</i>)	X	X	X	X
Spanish mackerel (<i>Scomberomorus maculatus</i>)	X	X	X	X
cobia (<i>Rachycentron canadum</i>)	X	X	X	X
sand tiger shark (<i>Odontaspis taurus</i>)		X		

GRID #5				
Species	Eggs	Larvae	Juveniles	Adults
Atlantic salmon (<i>Salmo salar</i>)			X	X
pollock (<i>Pollachius virens</i>)			X	X
red hake (<i>Urophycis chuss</i>)	X	X	X	X
winter flounder (<i>Pleuronectes americanus</i>)	X	X	X	X
windowpane flounder (<i>Scophthalmus aquosus</i>)	X	X	X	X
American plaice (<i>Hippoglossoides platessoides</i>)			X	X
Atlantic sea herring (<i>Clupea harengus</i>)			X	X
bluefish (<i>Pomatomus saltatrix</i>)			X	X
Atlantic mackerel (<i>Scomber scombrus</i>)	X	X	X	X
summer flounder (<i>Paralichthys dentatus</i>)			X	
scup (<i>Stenotomus chrysops</i>)	X	X	X	X
black sea bass (<i>Centropristus striata</i>)	n/a		X	
king mackerel (<i>Scomberomorus cavalla</i>)	X	X	X	X
Spanish mackerel (<i>Scomberomorus maculatus</i>)	X	X	X	X
cobia (<i>Rachycentron canadum</i>)	X	X	X	X
sand tiger shark (<i>Odontaspis taurus</i>)		X		

GRID #7				
Species	Eggs	Larvae	Juveniles	Adults
Atlantic salmon (<i>Salmo salar</i>)			X	X
pollock (<i>Pollachius virens</i>)			X	X
red hake (<i>Urophycis chuss</i>)	X	X	X	X
winter flounder (<i>Pleuronectes americanus</i>)	X	X	X	X
windowpane flounder (<i>Scophthalmus aquosus</i>)	X	X	X	X
American plaice (<i>Hippoglossoides platessoides</i>)			X	X
ocean pout (<i>Macrozoarces americanus</i>)	X	X	X	X
Atlantic sea herring (<i>Clupea harengus</i>)			X	X
bluefish (<i>Pomatomus saltatrix</i>)			X	X
Atlantic mackerel (<i>Scomber scombrus</i>)	X	X	X	X
summer flounder (<i>Paralichthys dentatus</i>)			X	
scup (<i>Stenotomus chrysops</i>)	X	X	X	X
black sea bass (<i>Centropristus striata</i>)			X	
king mackerel (<i>Scomberomorus cavalla</i>)	X	X	X	X
Spanish mackerel (<i>Scomberomorus maculatus</i>)	X	X	X	X
cobia (<i>Rachycentron canadum</i>)	X	X	X	X
sand tiger shark (<i>Odontaspis taurus</i>)		X		

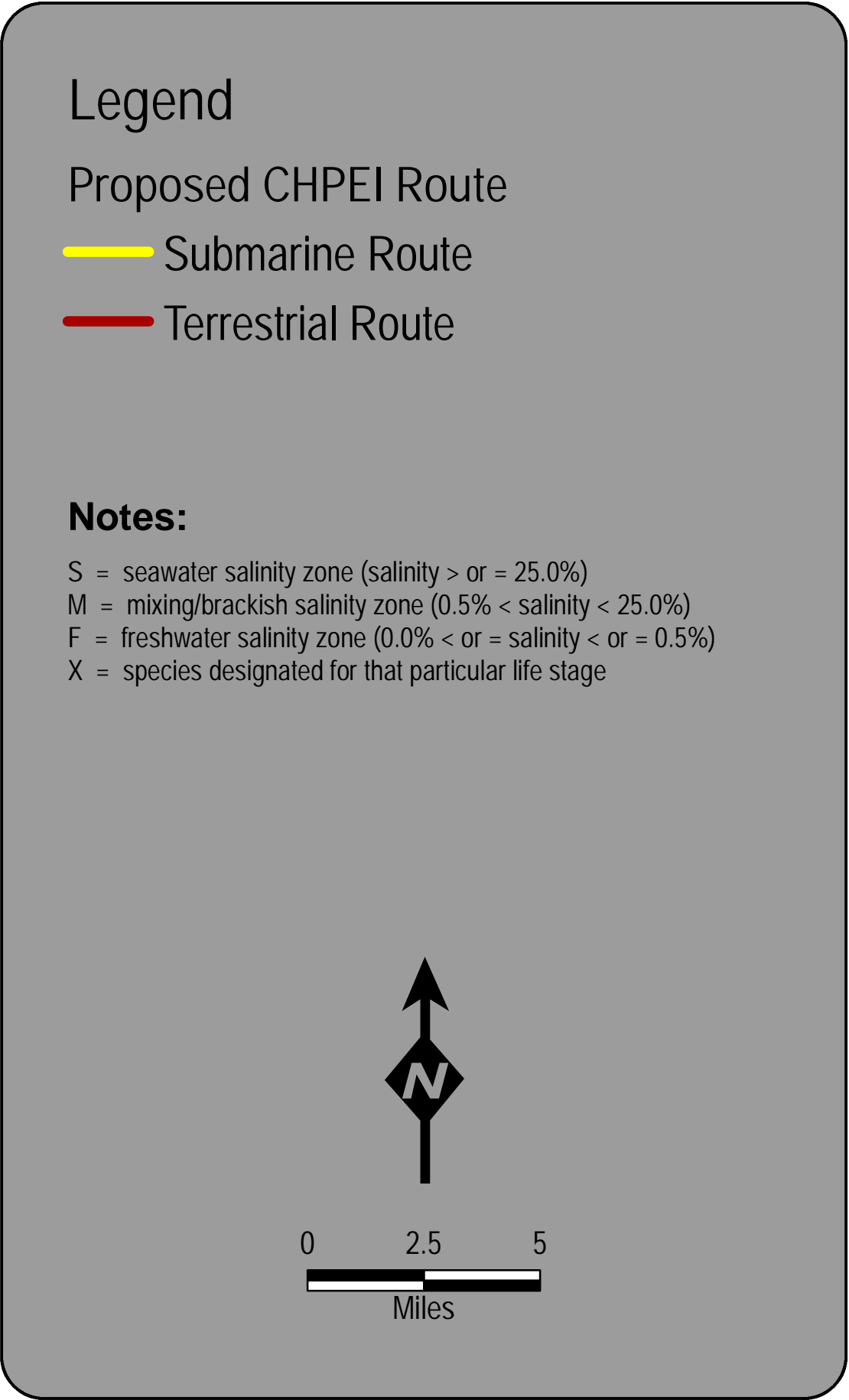
GRID #1				
Species	Eggs	Larvae	Juveniles	Adults
pollock (<i>Pollachius virens</i>)			X	X
red hake (<i>Urophycis chuss</i>)			X	X
winter flounder (<i>Pleuronectes americanus</i>)	X	X	X	X
windowpane flounder (<i>Scophthalmus aquosus</i>)	X	X	X	X
Atlantic sea herring (<i>Clupea harengus</i>)		X	X	X
bluefish (<i>Pomatomus saltatrix</i>)			X	X
Atlantic butterfish (<i>Peprilus triacanthus</i>)		X	X	X
Atlantic mackerel (<i>Scomber scombrus</i>)			X	X
summer flounder (<i>Paralichthys dentatus</i>)		X	X	X
scup (<i>Stenotomus chrysops</i>)	X	X	X	X
black sea bass (<i>Centropristus striata</i>)			X	X
king mackerel (<i>Scomberomorus cavalla</i>)	X	X	X	X
Spanish mackerel (<i>Scomberomorus maculatus</i>)	X	X	X	X
cobia (<i>Rachycentron canadum</i>)	X	X	X	X
sand tiger shark (<i>Odontaspis taurus</i>)		X		
dusky shark (<i>Charcharinus obscurus</i>)		X		
sandbar shark (<i>Charcharinus plumbeus</i>)		X		X

GRID #2				
Species	Eggs	Larvae	Juveniles	Adults
pollock (<i>Pollachius virens</i>)			X	X
red hake (<i>Urophycis chuss</i>)			X	X
winter flounder (<i>Pleuronectes americanus</i>)	X	X	X	X
windowpane flounder (<i>Scophthalmus aquosus</i>)	X	X	X	X
Atlantic sea herring (<i>Clupea harengus</i>)		X	X	X
bluefish (<i>Pomatomus saltatrix</i>)			X	X
Atlantic butterfish (<i>Peprilus triacanthus</i>)		X	X	X
Atlantic mackerel (<i>Scomber scombrus</i>)			X	X
summer flounder (<i>Paralichthys dentatus</i>)		X	X	X
scup (<i>Stenotomus chrysops</i>)	X	X	X	X
black sea bass (<i>Centropristus striata</i>)			X	X
king mackerel (<i>Scomberomorus cavalla</i>)	X	X	X	X
Spanish mackerel (<i>Scomberomorus maculatus</i>)	X	X	X	X
cobia (<i>Rachycentron canadum</i>)	X	X	X	X
sand tiger shark (<i>Odontaspis taurus</i>)		X		
dusky shark (<i>Charcharinus obscurus</i>)		X		
sandbar shark (<i>Charcharinus plumbeus</i>)		X	X	X

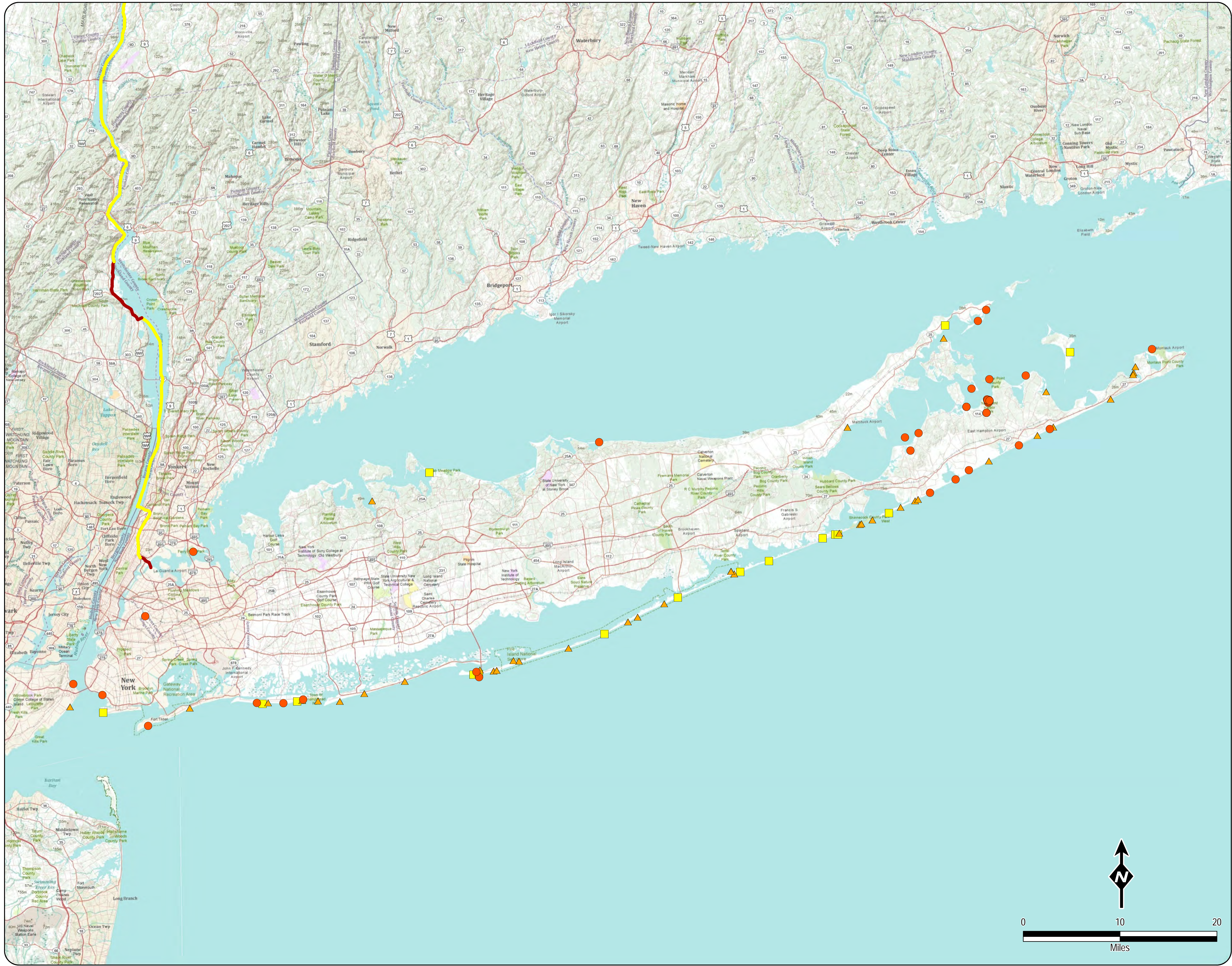


GRID #6				
Species	Eggs	Larvae	Juveniles	Adults
Atlantic salmon (<i>Salmo salar</i>)			X	X
pollock (<i>Pollachius virens</i>)			X	X
red hake (<i>Urophycis chuss</i>)	X	X	X	X
winter flounder (<i>Pleuronectes americanus</i>)	X	X	X	X
windowpane flounder (<i>Scophthalmus aquosus</i>)	X	X	X	X
Atlantic sea herring (<i>Clupea harengus</i>)			X	X
bluefish (<i>Pomatomus saltatrix</i>)			X	X
Atlantic mackerel (<i>Scomber scombrus</i>)	X	X	X	X
summer flounder (<i>Paralichthys dentatus</i>)			X	
scup (<i>Stenotomus chrysops</i>)	X	X	X	X
black sea bass (<i>Centropristus striata</i>)			X	
king mackerel (<i>Scomberomorus cavalla</i>)	X	X	X	X
Spanish mackerel (<i>Scomberomorus maculatus</i>)	X	X	X	X
cobia (<i>Rachycentron canadum</i>)	X	X	X	X
sand tiger shark (<i>Odontaspis taurus</i>)		X		

GRID Y – Long Island Sound					
Species	Eggs	Larvae	Juveniles	Adults	Spawning Adults
Atlantic salmon (<i>Salmo salar</i>)			F,M,S	F,M,S	
pollock (<i>Pollachius virens</i>)			S	S	
red hake (<i>Urophycis chuss</i>)			M,S	M,S	
winter flounder (<i>Pleuronectes americanus</i>)	M,S	M,S	M,S	M,S	M,S
windowpane flounder (<i>Scophthalmus aquosus</i>)	M,S	M,S	M,S	M,S	M,S
Atlantic sea herring (<i>Clupea harengus</i>)			M,S	M,S	
bluefish (<i>Pomatomus saltatrix</i>)			M,S	M,S	
Atlantic mackerel (<i>Scomber scombrus</i>)	S	S	S	S	
summer flounder (<i>Paralichthys dentatus</i>)			M,S		
scup (<i>Stenotomus chrysops</i>)	S	S	S	S	
black sea bass (<i>Centropristus striata</i>)			S		
king mackerel (<i>Scomberomorus cavalla</i>)	X	X	X	X	
Spanish mackerel (<i>Scomberomorus maculatus</i>)	X	X	X	X	
cobia (<i>Rachycentron canadum</i>)	X	X	X	X	



DATA SOURCES:
ESRI, TDI, TRC, NOAA 2009

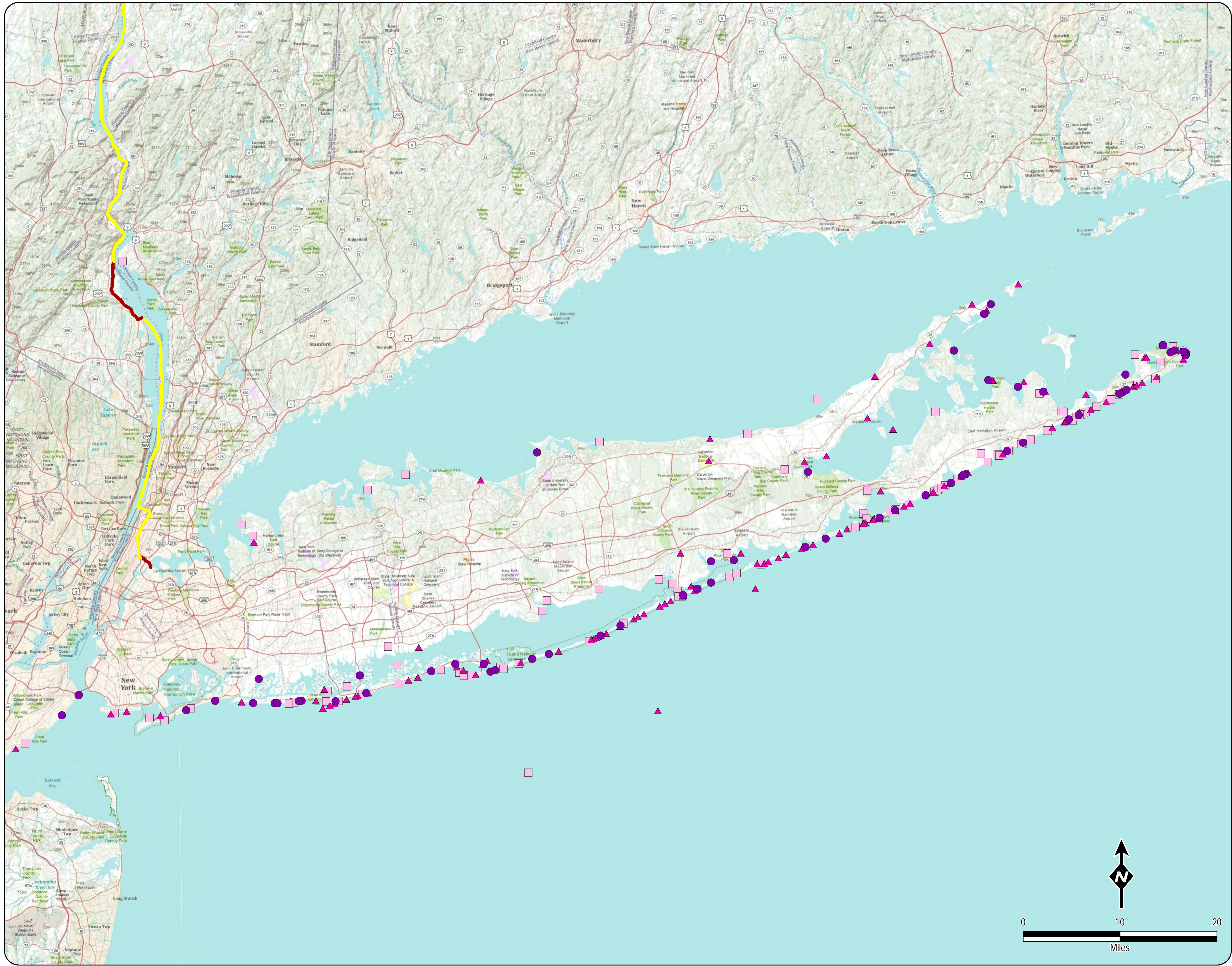


- Legend**
- Cetacean Strandings and Sightings**
- April 1, 2004 to March 31, 2005
 - April 1, 2005 to March 31, 2006
 - April 1, 2006 to March 31, 2007
- Proposed CHPEI Route**
- Submarine Route
 - Terrestrial Route

DATA SOURCES:
ESRI, TDI, TRC, The Riverhead Foundation for Marine Research and Preservation (RFMRP)


Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 8-1
Cetacean Stranding and Sighting
in Nearshore Long Island



Legend

Pinniped Strandings and Sightings

- April 1, 2004 to March 31, 2005
- April 1, 2005 to March 31, 2006
- April 1, 2006 to March 31, 2007

Proposed CHPEI Route

- Submarine Route
- Terrestrial Route

DATA SOURCES:

ESRI, TDI, TRC, The Riverhead Foundation for Marine Research and Preservation (RFMRP)

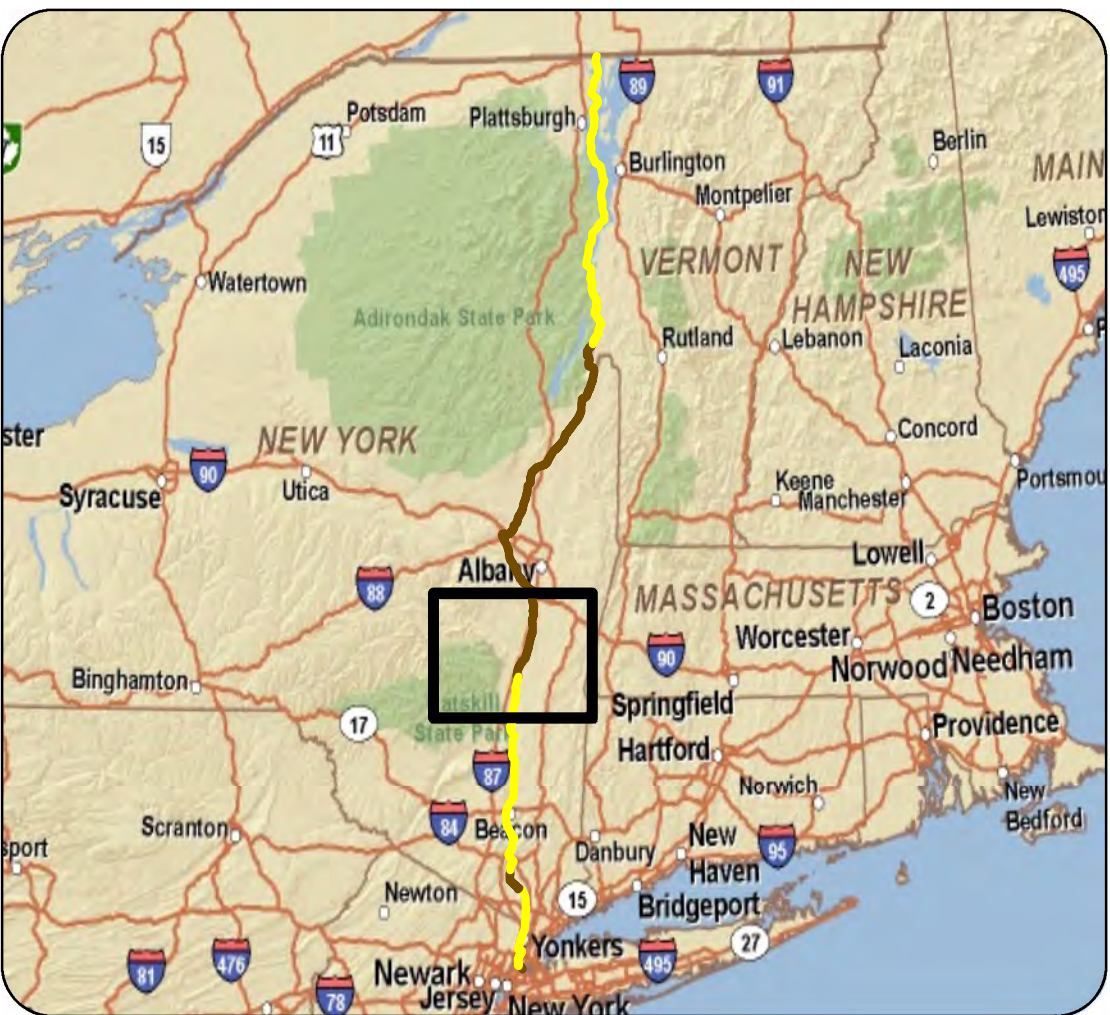
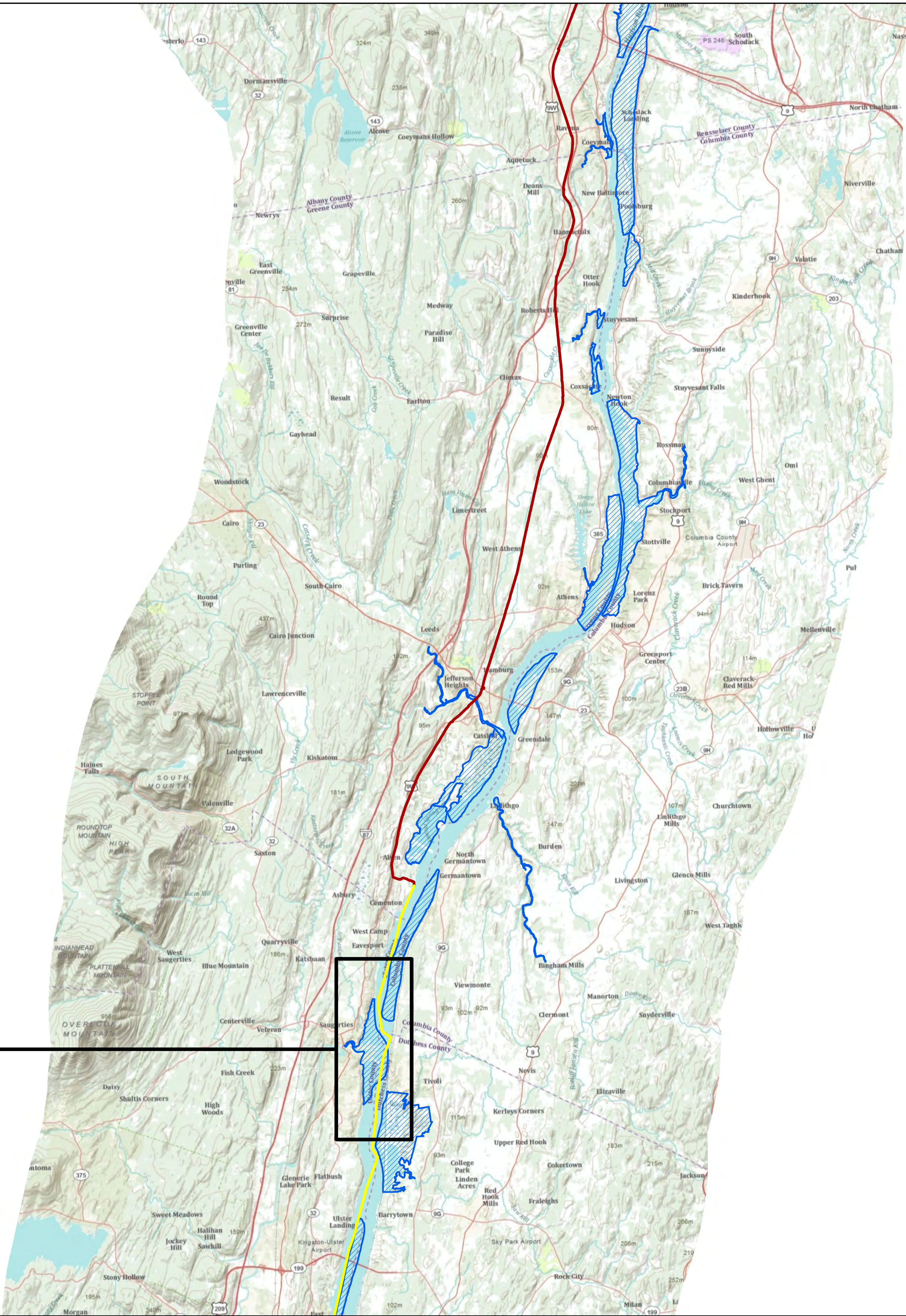
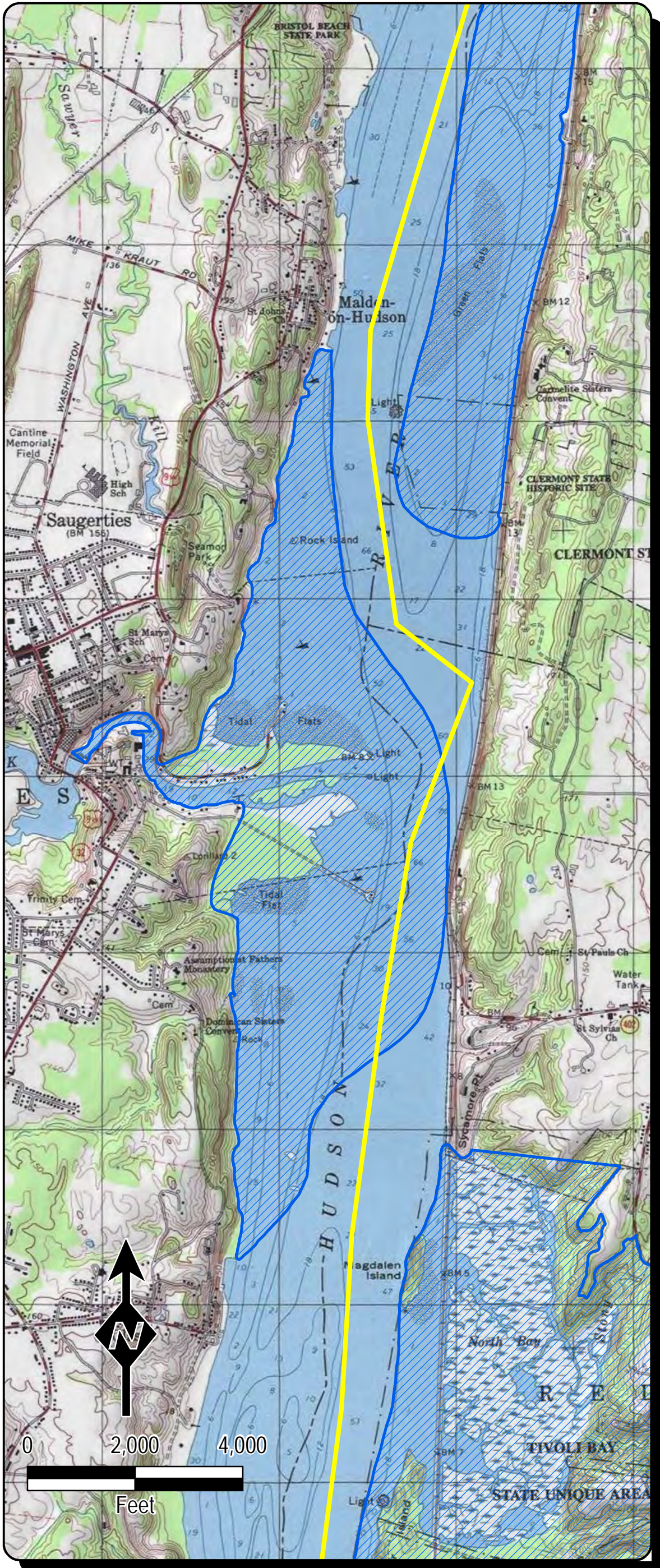


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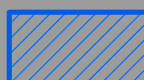
Figure 8-2

Pinniped Stranding and Sighting
in Nearshore Long Island

Esopus Estuary



Legend

 Significant Coastal Habitat

Proposed CHPEI Route

 Submarine Route

 Terrestrial Route

DATA SOURCES:
ESRI, TDI, TRC, NYS Department of State, Division of Coastal Resources



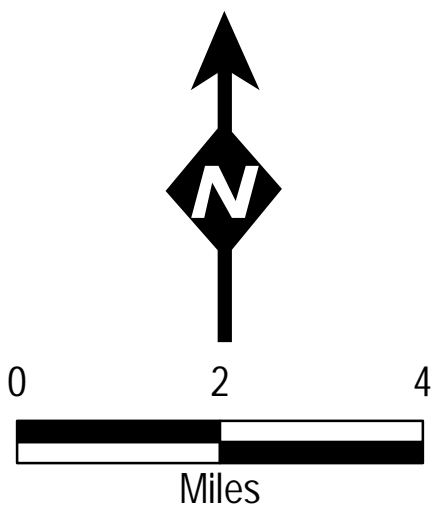
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Figure 8-3

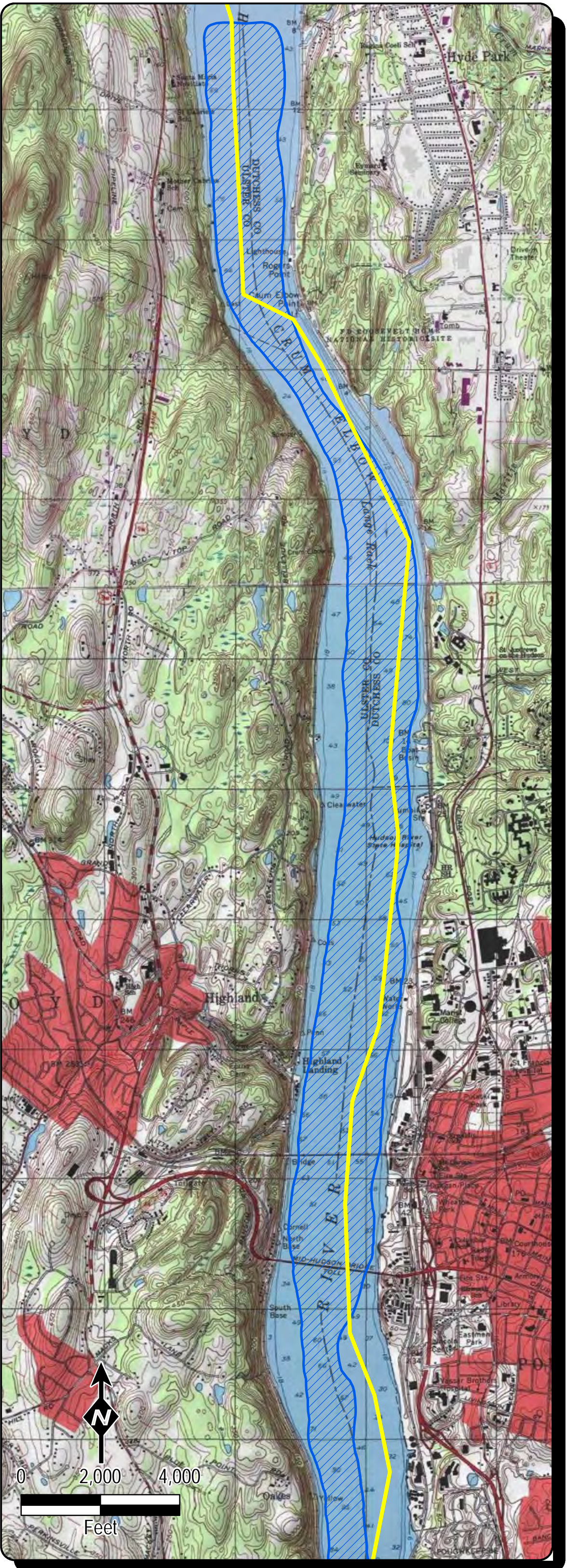
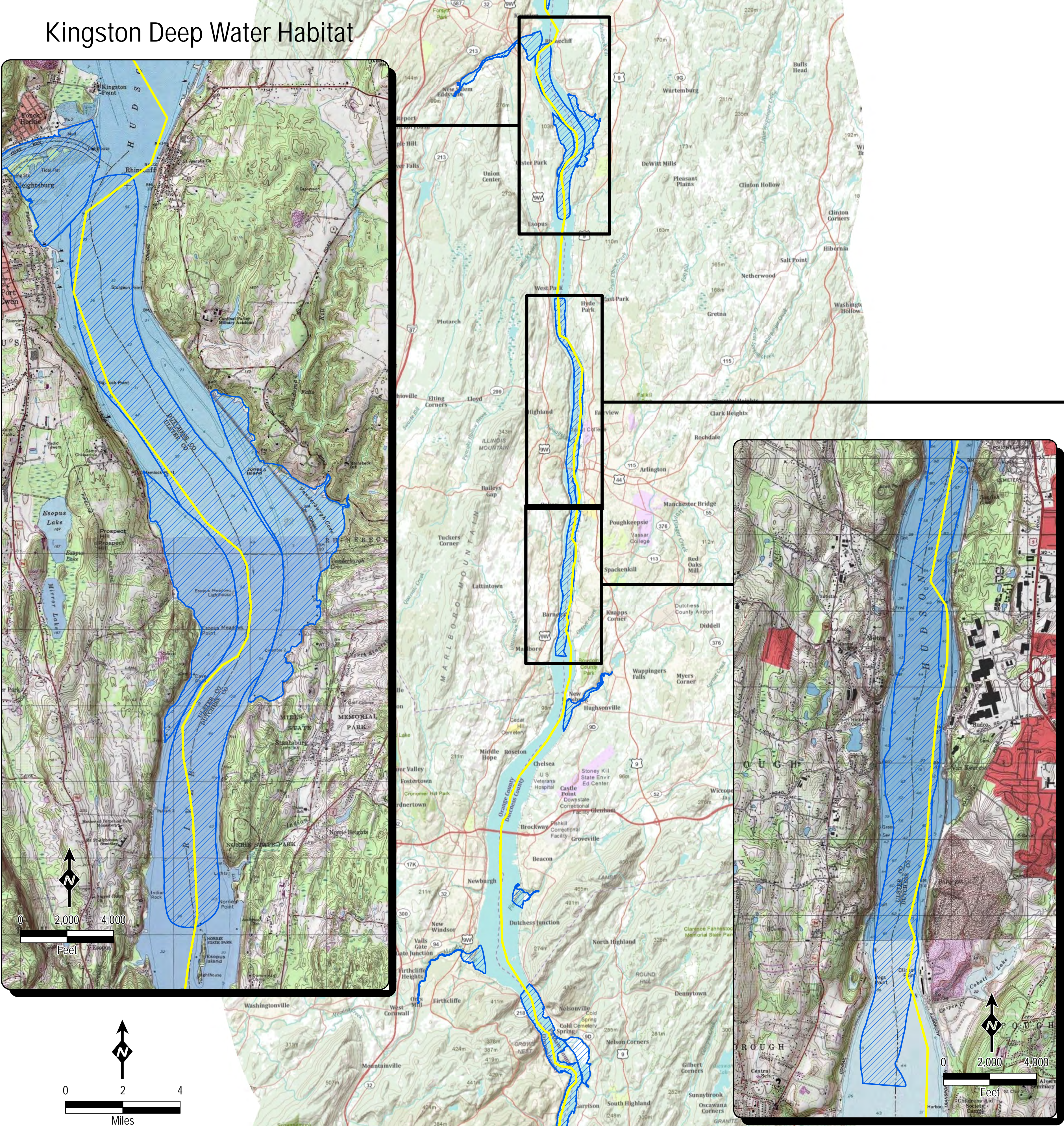
Significant Coastal Fish and Wildlife Habitats
Crossed by Proposed Cable Route

SHEET 1 OF 3

Prepared by: HDR DTA & CTRC 4/15/2011



Kingston Deep Water Habitat



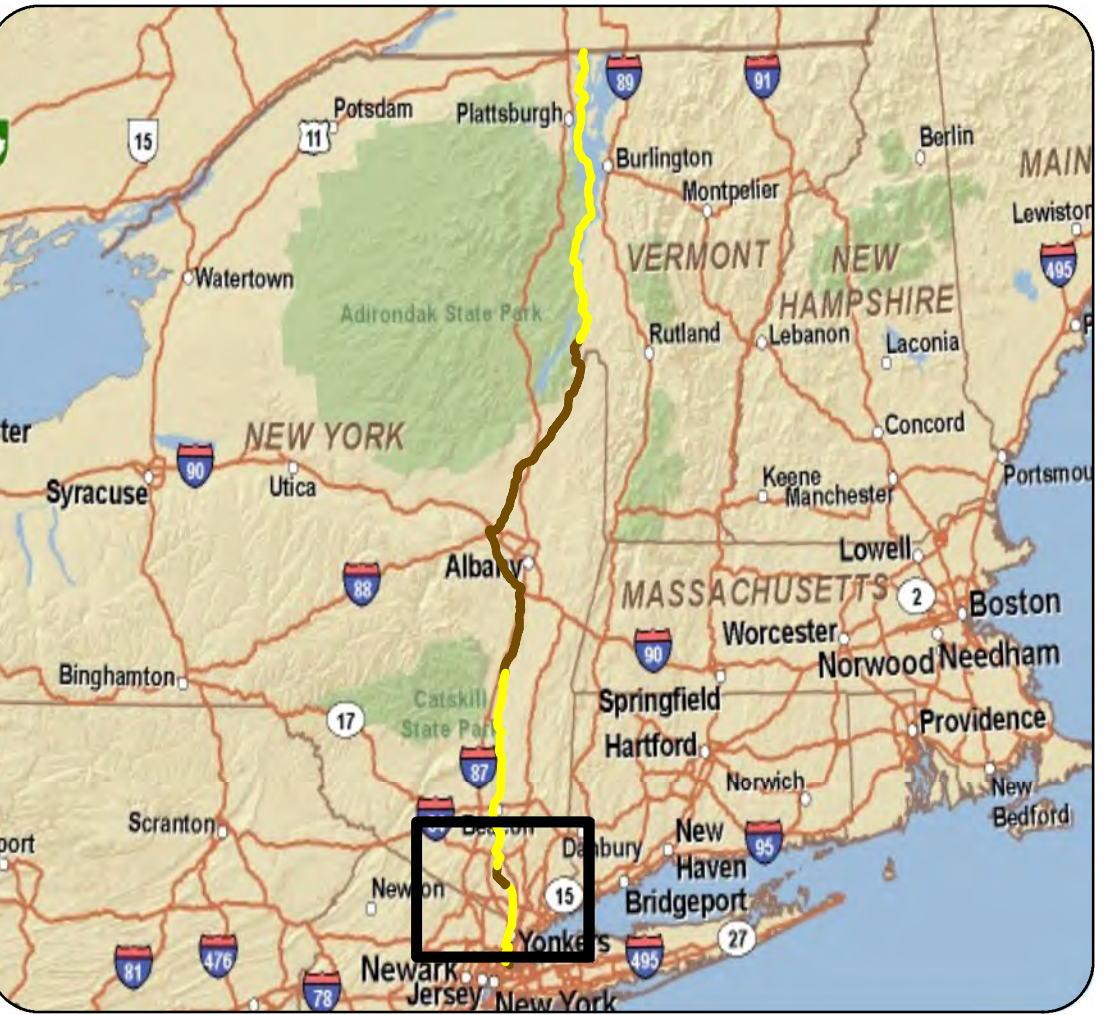
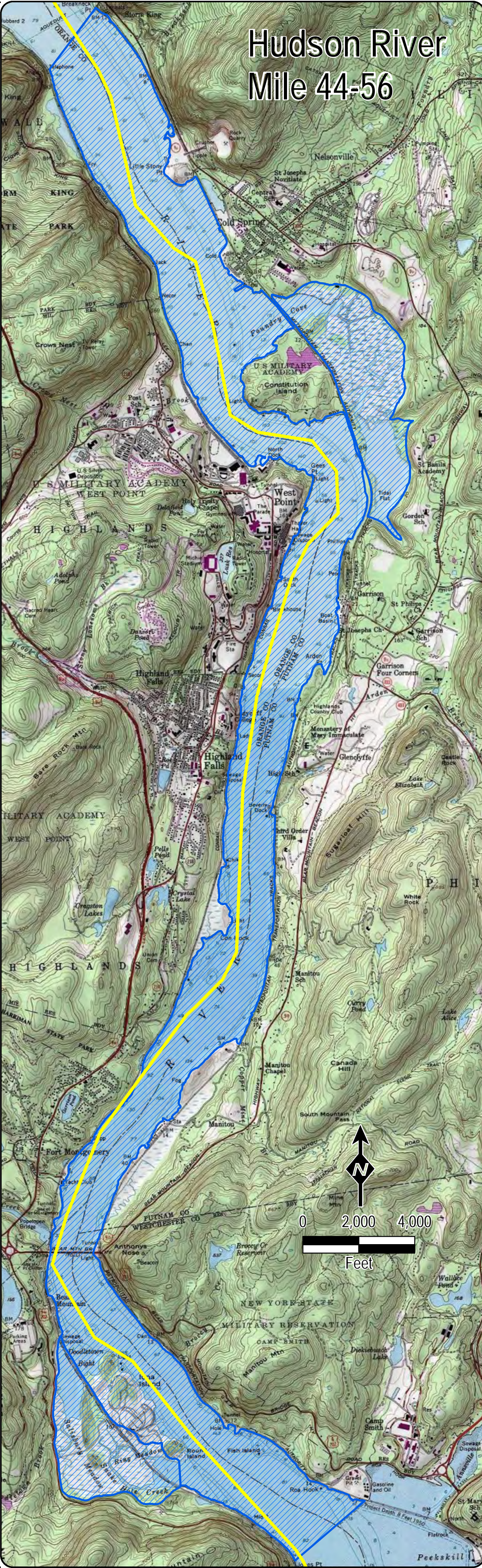
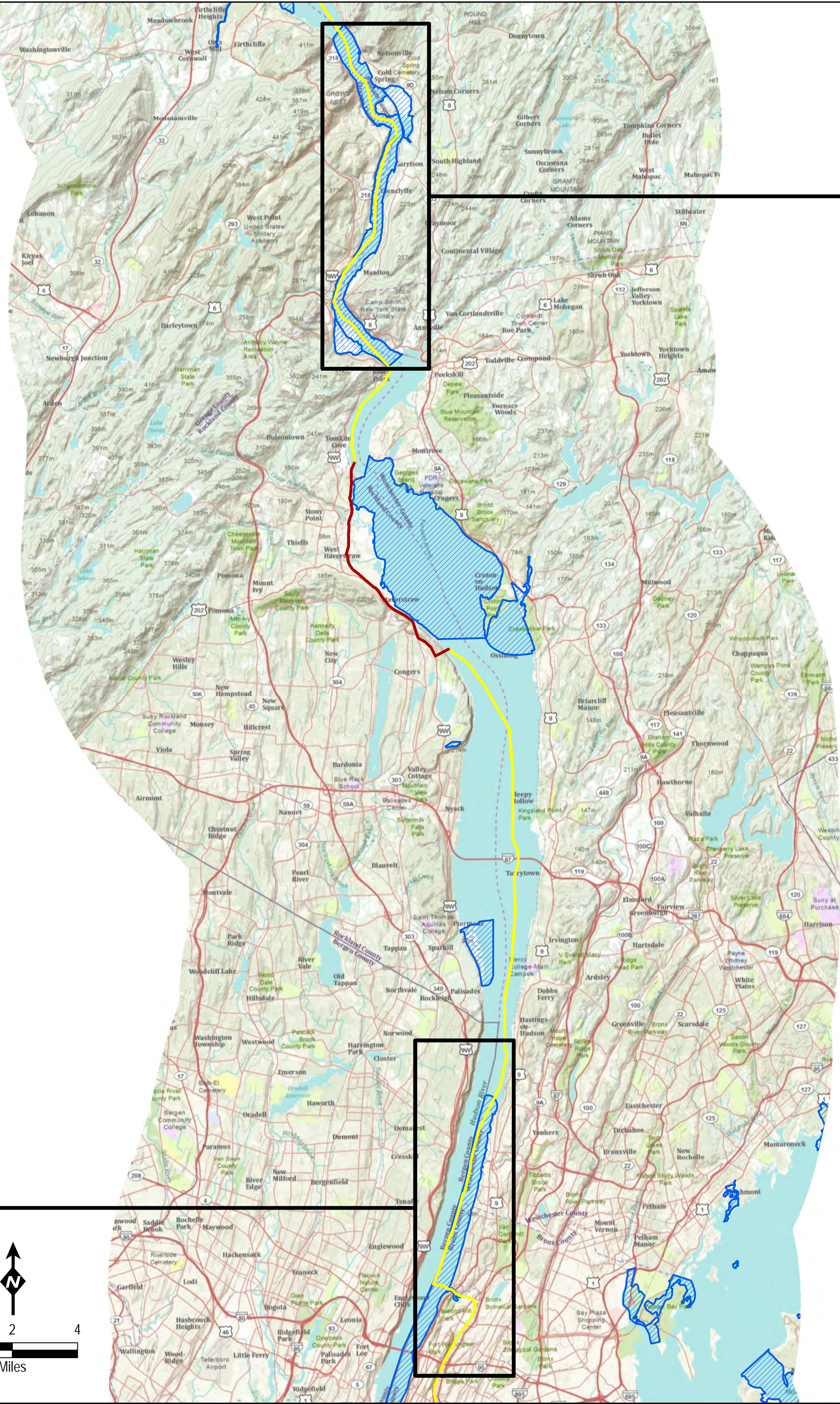
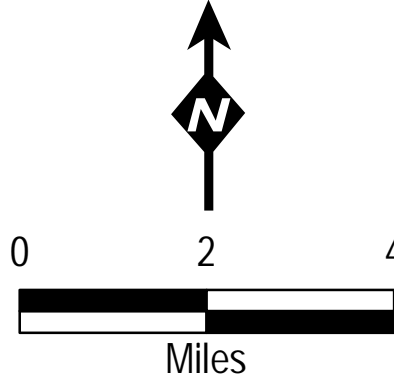
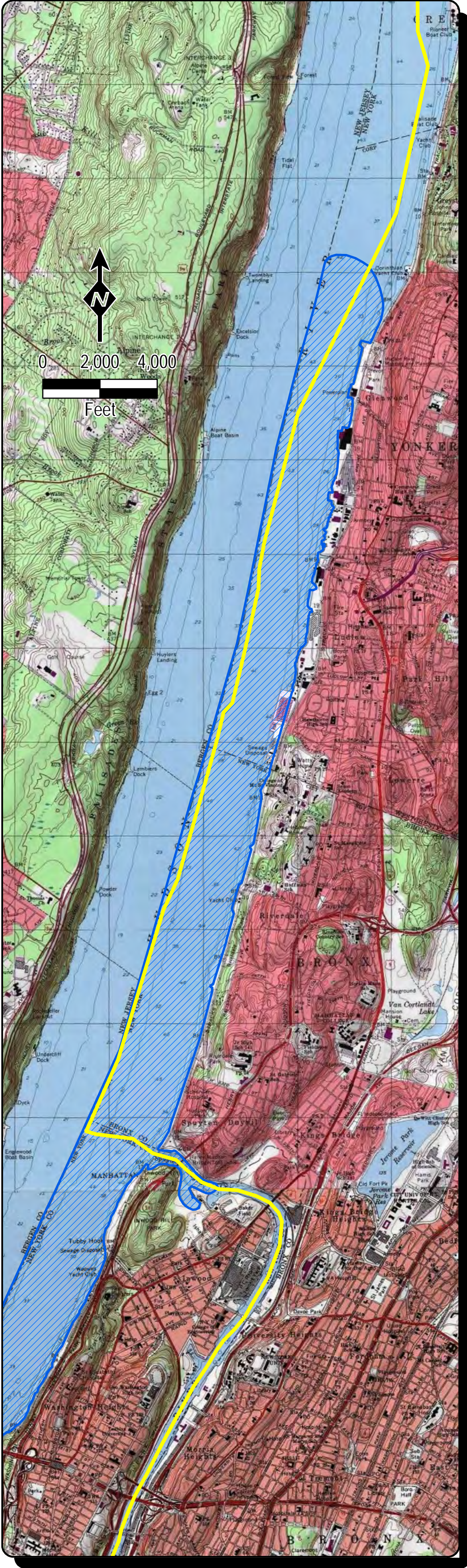
Poughkeepsie Deep Water Habitat



- Legend
- Significant Coastal Habitat
 - Proposed CHPEI Route
 - Submarine Route
 - Terrestrial Route

DATA SOURCES:
ESRI, TDI, TRC, NYS Department of State, Division of Coastal Resources

Lower Hudson Reach



Legend

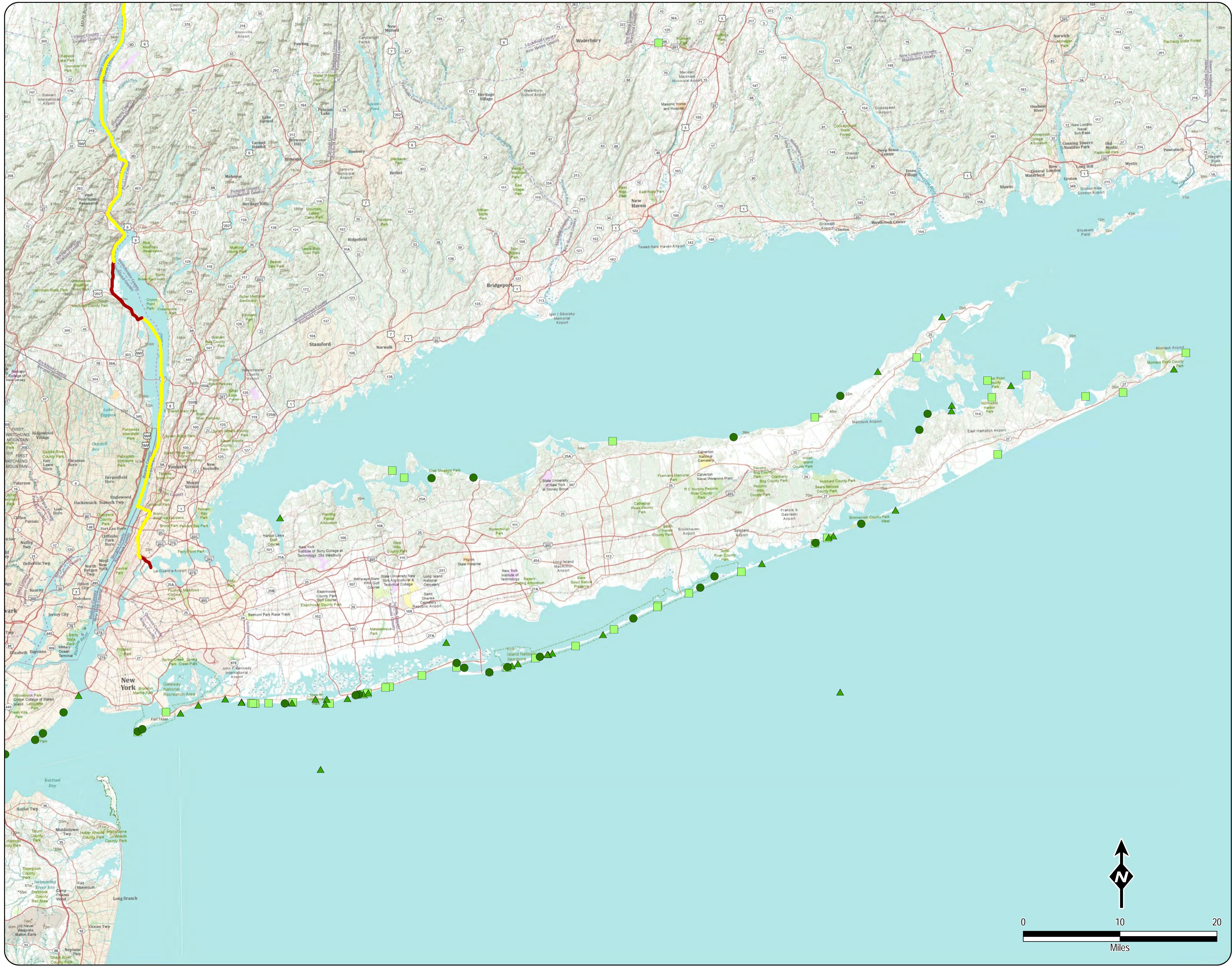
- Significant Coastal Habitat
- Proposed CHPEI Route
- Submarine Route
- Terrestrial Route

DATA SOURCES:
ESRI, TDI, TRC, NYS Department of State, Division of Coastal Resources

Transmission Developers Inc.
Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 8-3
Significant Coastal Fish and Wildlife Habitats
Crossed by Proposed Cable Route
SHEET 3 OF 3

Prepared by: HDR, DTA & CTRC 4/15/2011



- Legend**
- April 1, 2004 to March 31, 2005
 - April 1, 2005 to March 31, 2006
 - April 1, 2006 to March 31, 2007
- Proposed CHPEI Route**
- Submarine Route
 - Terrestrial Route

DATA SOURCES:
ESRI, TDI, TRC, The Riverhead Foundation for Marine Research and Preservation (RFMRP)


Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

Figure 9-1
Sea Turtle Stranding and Sighting
in Nearshore Long Island

FIGURE 11-1
VIEW WEST FROM SASS SUBUNIT CO-6 OLANA VERANDA TO CO-3



FIGURE 11-2
VIEW EAST AT CO-3, 1.25 MILES NORTH OF EMBOUGHT ROAD



FIGURE 11-3
NYS ROUTE 9 VIEW EAST AT CO-3, NORTH OF EMBOUGHT ROAD



FIGURE 11-4
TYPICAL CABLE SIGNAGE



FIGURE 11-5
CEMENTON VIEW WEST FROM GERMANTOWN, COLUMBIA COUNTY



FIGURE 11-6
CEMENTON LANDFALL VIEW FROM GERMANTOWN, COLUMBIA COUNTY



FIGURE 11-7
OVERVIEW OF PROPOSED LUYSER CREEK CONVERTER STATION SITE
IN ASTORIA, NY



**FIGURE 11-8
PHOTOSIMULATION OF PROPOSED LUYSER CREEK
CONVERTER STATION SITE**





VIEWPOINT LOCATION MAP



TECHNICAL INFORMATION

Viewpoint Coordinates	657666.9E
In NAD83 East	709686.7N
Viewpoint Location	19 th Street
Viewer Elevation	6 ft msl
Distance to Closest Element	785 feet
Distance to Furthest Element	0.25 miles
Camera Model	Canon Rebel T 1i
Lens Setting	50 mm
Date/Time	11.11.09/8:56 am


Champlain Hudson Power Express Project
 Champlain Hudson Power Express Inc.
 Figure 3
Proposed Astoria Converter Station
Existing Conditions
 Prepared by:  6/2/2011

VIEWPOINT 19th STREET



VIEWPOINT LOCATION MAP



TECHNICAL INFORMATION

Viewpoint Coordinates	657566.9E
In NAD83 East	709686.7N
Viewpoint Location	19 th Street
Viewer Elevation	6 ft msl
Distance to Closest Element	785 feet
Distance to Furthest Element	0.25 miles
Camera Model	Canon Rebel T 1i
Lens Setting	50 mm
Date/Time	11.11.09/8:56 am


Champlain Hudson Power Express Project
 Champlain Hudson Power Express Inc.
 Figure 4
Proposed Astoria Converter Station
With Project
 Prepared by:  6/2/2011

VIEWPOINT 19th STREET

