

- Town of Fort Edward. 2002. Town of Fort Edward Master Plan and Final Generic Environmental Impact Statement. Adopted May 13, 2002. Accessed online January 26, 2010 at: <http://www.fortedwardnewyork.net/zoning/zoning.html>.
- Town of Glenville. 2004. Town of Glenville Freeman's Bridge Road Master Plan. June 16, 2004. Accessed online February 1, 2010 at: http://74.125.93.132/search?q=cache:I92HU5cNRHQJ:www.townofglenville.org/Public_Documents/GlenvilleNY_Planning/Freemans%2520Bridge%2520Road%2520Master%2520Plan.pdf+Town+of+Glenville+Freeman%E2%80%99s+Bridge+Road+Master+Plan&cd=1&hl=en&ct=clnk&gl=us.
- Town of Glenville. 2004. Town of Glenville Town Center Master Plan. March 17, 2004. Accessed online February 1, 2010 at: http://www.townofglenville.org/Public_Documents/GlenvilleNY_Planning/ACKNOWLEDGEMENTS%20and%20Table%20of%20CONTENTS.PDF.
- Town of Glenville. 2008. Town of Glenville Open Space Plan. May 7, 2008. Accessed online February 1, 2010 at: http://www.townofglenville.org/Public_Documents/GlenvilleNY_Planning/OSP.
- Town of Greenfield. 2005. Town of Greenfield Comprehensive Plan. Saratoga County, Greenfield, New York. Adopted by the Town Board: May 12, 2005. Accessed online January 27, 2010 at: <http://www.townofgreenfield.com/Comprehensive%20Plan.htm>.
- Town of Guilderland. 2001. Town of Guilderland Comprehensive Plan 2000. August 7, 2001. Accessed online February 1, 2010 at: http://www.townofguilderland.org/Pages/GuilderlandNY_Planning/ComprehensivePlan/index.
- Town of Guilderland. 2010. Town of Guilderland – Roger Keenholts Park. Accessed online February 10, 2010 at: http://www.townofguilderland.org/Pages/GuilderlandNY_Recreation/Keenholts%20Park%20Description.
- Town of Milton. 2001. Town of Milton Comprehensive Plan. June 20, 2001. Behan Planning Associates.
- Town of Moreau. 2008. Town of Moreau 2008 Comprehensive Land Use Plan. August 26, 2008. The Comprehensive Plan Committee and the LA Group.
- Town of New Scotland. 1994. Town of New Scotland, Albany County, New York Comprehensive Land Use Plan and Generic Environmental Impact Statement. May, 1994. Accessed online February 1, 2010 at: <http://www.townofnewscotland.com/townreporter/docs/comprehensive%20Land%20Use%20Plan%20May%201994.pdf>.
- Town of Northumberland. 2003. Town of Northumberland 2003 Comprehensive Land Use Plan. Final Draft July 2004. Accessed online January 26, 2010 at: http://www.townofnorthumberland.org/Northumberland_PDFs/master_plan07full.pdf.

- Town of Northumberland. 2010. Town of Northumberland – County Forest Preserve. Accessed online February 10, 2010 at: http://www.townofnorthumberland.org/Northumberland_Preserve.asp.
- Town of Northumberland. 2010. Town of Northumberland – Town Parks. Accessed online February 10, 2010 at: http://www.townofnorthumberland.org/Northumberland_Town-parks.asp.
- Town of Rotterdam. 2001. Town of Rotterdam Schenectady County, New York Comprehensive Plan and Final Generic Environmental Impact Statement. Adopted by the Rotterdam Town Board on December 5, 2001. Town of Rotterdam Town Board.
- Town of Wilton. 2004. Town of Wilton Comprehensive Plan. Adopted December 2, 2004. Accessed online January 27, 2010 at: <http://www.townofwilton.com/planning-zoning/index.asp?varPage=13>.
- Town of Wilton. 2010. Town of Wilton – Garvin Park. 2010. Accessed online February 10, 2010 at: <http://www.townofwilton.com/gavin-park/index.asp>.
- TRC Engineering, 2011. Karner Blue Butterfly (*Lycaeides melissa samuelis*) Impact Avoidance and Minimization Report. Submitted to New York State Public Service Commission on February 24, 2012.
- Two Coves Community Garden, 2011. History. Accessed online December 15, 2011 at: <http://twocovescommunitygarden.org/>.

U

- [USACE] United States Army Corps of Engineers. 1987. Wetlands Delineation Manual. Technical Report Y-87-1, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS.
- [USACE] United States Army Corps of Engineers. 1994. Section 7 Consultation – Biological Assessment: Sand Mining by Hopper Dredge in the Sandy Hook Federal Navigation Project. USACE, New York District.
- [USACE] United States Army Corps of Engineers. 1999. New York and New Jersey Harbor Navigation Study – Final Environmental Impact Statement, New York District, New York, New York, September 1999.
- [USACE] United States Army Corps of Engineers. 2000. Nearshore Raritan Bay and Sandy Hook Bay, New Jersey, Pre-Final Essential Fish Habitat Assessment. Raritan Bay and Sandy Hook Bay Combined Flood Control and Shore Protection Project, Union Beach, New Jersey. USACE, New York District, North Atlantic Division, New York, NY. 29 pp. + appendices.
- [USACE] United States Army Corps of Engineers. 2003. Hudson River at Athens, New York Navigation Project: Benthic Macroinvertebrate Community Analysis.

- [USACE] United States Army Corps of Engineers. 2004. Hudson-Raritan Estuary Environmental Restoration Feasibility Study. Study Area Reports. US Army Corps of Engineers, New York District, New York, NY.
- [USACE] United States Army Corps of Engineers. 2004. Cape Wind Energy draft environmental impact Statement. Draft EIS/EIR/DRI. File no. NAE-2004-338-1. November 2004. Available at: <http://www.nae.usace.army.mil/projects/ma/ccwf/deis.htm>.
- [USACE] United States Army Corps of Engineers. 2008. Environmental Assessment and Finding of No Significant Impact: Anchorage Harbor Dredging & Disposal Anchorage, Alaska. August 2008, United States Army Corp of Engineers Alaska District.
- [USACE] United States Army Corps of Engineers. 2009. Hudson Raritan Estuary Draft Comprehensive Restoration Plan.
- [USDA] United States Department of Agriculture. 2010. Conservation Plant Characteristics – American Eelgrass. USDA, Natural Resources Conservation Service, Plant Database. Accessed online February 24, 2010 at: <http://plants.usda.gov/java/charProfile?symbol=VAAM3>.
- [USDA NRCS] United States Department of Agriculture National Resources Conservation Service. 2010a. National Soil Survey Handbook, title 430-VI, U.S. Department of Agriculture, Natural Resources Conservation Service. Accessed online March 2, 2010 at: <http://soils.usda.gov/technical/handbook>.
- [USDA NRCS] United States Department of Agriculture National Resources Conservation Service. 2010b. Soil Survey Geographic (SSURGO) Database, U.S. Department of Agriculture, Natural Resources Conservation Service. Accessed online March 2, 2010 at: <http://soils.usda.gov/survey/geography/ssurgo/>.
- [USEPA] United States Environmental Protection Agency. 1974. Information on Levels of Environmental Noise Requisite to Protect the Public Health and Welfare with an Adequate Margin of Safety, Publication EPA-550/9-74-004, March.
- [USEPA] United States Environmental Protection Agency, 1975. Model Community Noise Control Ordinance. Washington, D.C. 20460.
- [USEPA] United States Environmental Protection Agency, 1978. Protective Noise Levels. Office of Noise Abatement & Control. Report Number EPA 550/9-79-100. Washington, D.C. 20460.
- [USEPA] United States Environmental Protection Agency. 2000. Hudson River PCBs Superfund Site, New York: Superfund Proposed Plan. USEPA Region 2. 30 pages.

- [USEPA] United States Environmental Protection Agency. 2010. Schenectady-Niskayuna Aquifer System. Accessed on-line at January 31, 2010 at http://www.epa.gov/region2/water/aquifer/schen/fr_schen.htm
- [USEPA] United States Environmental Protection Agency. 2009. About the Long Island Sound Study. Accessed online October 2, 2009 at: http://www.longislandsoundstudy.net/about_liss.htm.
- [USEPA] United States Environmental Protection Agency and [USACE] U.S. Army Corps of Engineers. 2004. Final Environmental Impact Statement for the Designation of Dredged Material Disposal Sites in Central and Western Long Island Sound, Connecticut and New York.
- [USFWS] United States Fish and Wildlife Service. 1997. Significant Habitats and Habitat Complexes of the New York Bight Watershed. Charlestown, Rhode Island: U.S. Fish and Wildlife Service Southern New England-New York Bight Ecosystems Program.
- [USFWS] United States Fish and Wildlife Service. 2004. Indiana bat (*Myotis sodalis*). Accessed online February 11, 2010 at: <http://www.fws.gov/northeast/pdf/indianabat.fs.pdf>.
- [USFWS] United States Fish and Wildlife Service. 2008. Small Whorled Pogonia. Accessed online February 23, 2010 at: <http://www.fws.gov/Midwest/endangered/plants/pdf/smallwhorledpogoniafctsht.pdf>.
- [USFWS] U.S. Fish and Wildlife Service (Service), New York Field Office New York State Department of Environmental Conservation. 2008. Karner Blue Butterfly (*Lycaeides melissa samuelis*) Survey Protocols Within the State of New York.
- [USFWS] United States Fish and Wildlife Service. 2009. U.S. Fish and Wildlife Service New York Field Office. Last updated December 28, 2009. Accessed online January 28, 2010 at: <http://www.fws.gov/northeast/nyfo/es/CountyLists/CountySelect.htm>.
- [USFWS] United States Fish and Wildlife Service. 2010. Federally Listed Endangered and Threatened Species and Candidate Species in New York (By County). Accessed online July 1, 2011 at: <http://www.fws.gov/northeast/nyfo/es/CoListCurrent.pdf>.
- [USGS] United States Geological Survey. 2008. 2008 United States National Seismic Hazard Maps, U.S. Geological Survey, 2008.
- [USGS] United States Geological Survey. 2009. Accessed online November 2009 at: http://woodshole.er.usgs.gov/project-pages/longislandsound/Research_Topics/Contaminants.htm.
- [USMA] United States Military Academy. 2009. A Brief History of the Academy. Accessed online November 2009 at: <http://www.usma.edu/bicentennial/history/>.

[USNPS] United States National Park Service. 2008. Saratoga National Historical Park: History and Culture. Accessed online November 2009 at: <http://www.nps.gov/sara/historyculture/index.html>.

University of Wisconsin - Stevens Point. 2010a. Robert W. Freckmann Herbarium. Accessed online February 22, 2010 at: <http://wisplants.uwsp.edu/scripts/detail.asp?SpCode=POLERE>.

University of Wisconsin - Stevens Point. 2010b. Robert W. Freckmann Herbarium. Accessed online February 22, 2010 at: <http://wisplants.uwsp.edu/scripts/detail.asp?SpCode=PTEAND>.

Utah State University. 2010. Grass Manual on the Web. Accessed online February 22, 2010 at: http://herbarium.usu.edu/webmanual/info2.asp?name=Cenchrus_tribuloides&type=treatment.

V

Varekamp, J.C., M.R. Buchholtz ten Brink, E.L. Mecray, and B. Kreulen. 2000. Mercury in Long Island Sound Sediments. *Journal of Coastal Research*. 16(3): 613-626.

[VTDEC] Vermont Agency of Natural Resources Department of Environmental Conservation. 2008. Out of the Blue – A Newsletter of the Water Quality Division. Summer/Fall 2008 No. 34. Accessed online 2009 at: www.vtwaterquality.org.

Village of Voorheesville. 2010. Accessed online February 10, 2010 at: <http://www.villageofvoorheesville.com/index.asp>.

Village of Ravena. 2011. Village of Ravena – Parks. Accessed online February 10, 2011 at <http://villageofravena.com/Park/park.htm>.

[VTDEC] Vermont Department of Environmental Conservation. 2009. Accessed online October 28, 2009 at: www.anr.state.vt.us/dec/waterq/lakes/htm/lp_longterm.htm.

W

Waldman, J.R., K.E. Limburg, and D.L. Strayer (editors). 2006. Hudson River Fisheries and their Environment. American Fisheries Society, Bethesda, Maryland.

Walker, M.M., T.P. Quinn, J.L. Kirschvink, and T. Groot. 1988. Production of single-domain magnetite throughout life by sockeye salmon, *Oncorhynchus nerka*, *Journal of Experimental Biology*, 140 (51-63).

Waring, G.T., E. Josephson, C.P. Fairfield-Walsh, and K. Maze-Foley (editors). 2009. U.S. Atlantic and Gulf of Mexico Marine Mammal Stock Assessments – 2008. NOAA Technical Memorandum, NMFS-NE-210, 440 pp.

- Weilgart, L.S. 2007. The impacts of anthropogenic ocean noise on cetaceans and implications for management. *Canadian Journal of Zoology* 85:1091-1116.
- Weinstein, L.H. (Editor). 1977. An atlas of the biologic resources of the Hudson estuary. Boyce Thompson Institute for Plant Research, Yonkers, NY.
- Westchester New York. 2010. Environment and Recycling. Open Space Policy. Accessed online February 15, 2010 at: http://environment.westchestergov.com/index.php?option=com_content&task=view&id=2574&Itemid=4617.
- Westchester Urban County Consortium. 2009. March 2009: FY 2009-2013 Consolidated Plan, Sustaining Neighborhoods, Sustaining Communities.
- Williams, B. S., T. Hogan, and Z. Zo. 1975. The benthic environment of the Hudson River in the vicinity of Ossining, New York, during 1972 and 1973. *NY Fish. Game J.* 22:25-31.
- Wilton Wildlife Preserve and Park, Inc. 2010. Wilton Wildlife Preserve and Park. Accessed online February 16, 2010 at: <http://www.wiltonpreserve.org/>.
- World Health Organization. 2005. Electromagnetic fields and public health. Accessed online February 22, 2010 at: http://www.who.int/peh-emf/publications/facts/envimpactemf_infosheet.pdf.
- World Lake Database. 2010. Lake Champlain – Full Detail. Accessed online February 24, 2010 at: http://wldb.ilec.or.jp/data/databook_html/nam/nam-38.html.
- Woodhead, P.M.J. 1993. Effects of the Tide Gates on the Fish Community. The East River Tidal Barrage: A Symposium. Columbia University, April 1993.
- Woodhead, P. M., T. Rotunno, and S. Zappala. 1999. New York Harbor habitat assessment project: biological assessment of fish habitat associated with shipping piers in the New York Harbor. Marine Sciences Research Center, State University of New York at Stony Brook, NY. 93p.
- Worzyk, Thomas. 2009. Submarine Power Cables: Design, Installation, Repair, Environmental Aspects. Springer Publishing Company.

X

- Xie Y, Mulligan TJ, Cronkite GMW, Gray AP. 2002. Assessment of potential bias in Hydroacoustic Estimation of Fraser River Sockeye and Pink Salmon at Mission, B.C. Pacific Salmon Commission, Technical Report No. 11, June 2002.

Y

Yano, A., M. Ogura, A. Sato, Y. Shimizu, N. Baba, K. Nagasawa. 1997. Effect of modified magnetic field on the ocean migration of maturing chum salmon, *Oncorhynchus keta*. Marine Biology Vol. 129, No. 3. September 1997.

[YBSI] Yonkers Brownfield Solutions Inc. 2008. January 2008: Yonkers Alexander Street – Brownfield Opportunity Area Plan.

Yozzo, D.J., J.L. Anderson, M.M. Cianciola, W.C. Nieder, D.E. Miller, S. Ciparis, and J. McAvoy. 2010. Ecological Profile of the Hudson River National Estuarine Research Reserve. Accessed online February 16, 2010 at: http://hrnerr.org/public/Reports/Ecological_Profile.pdf.

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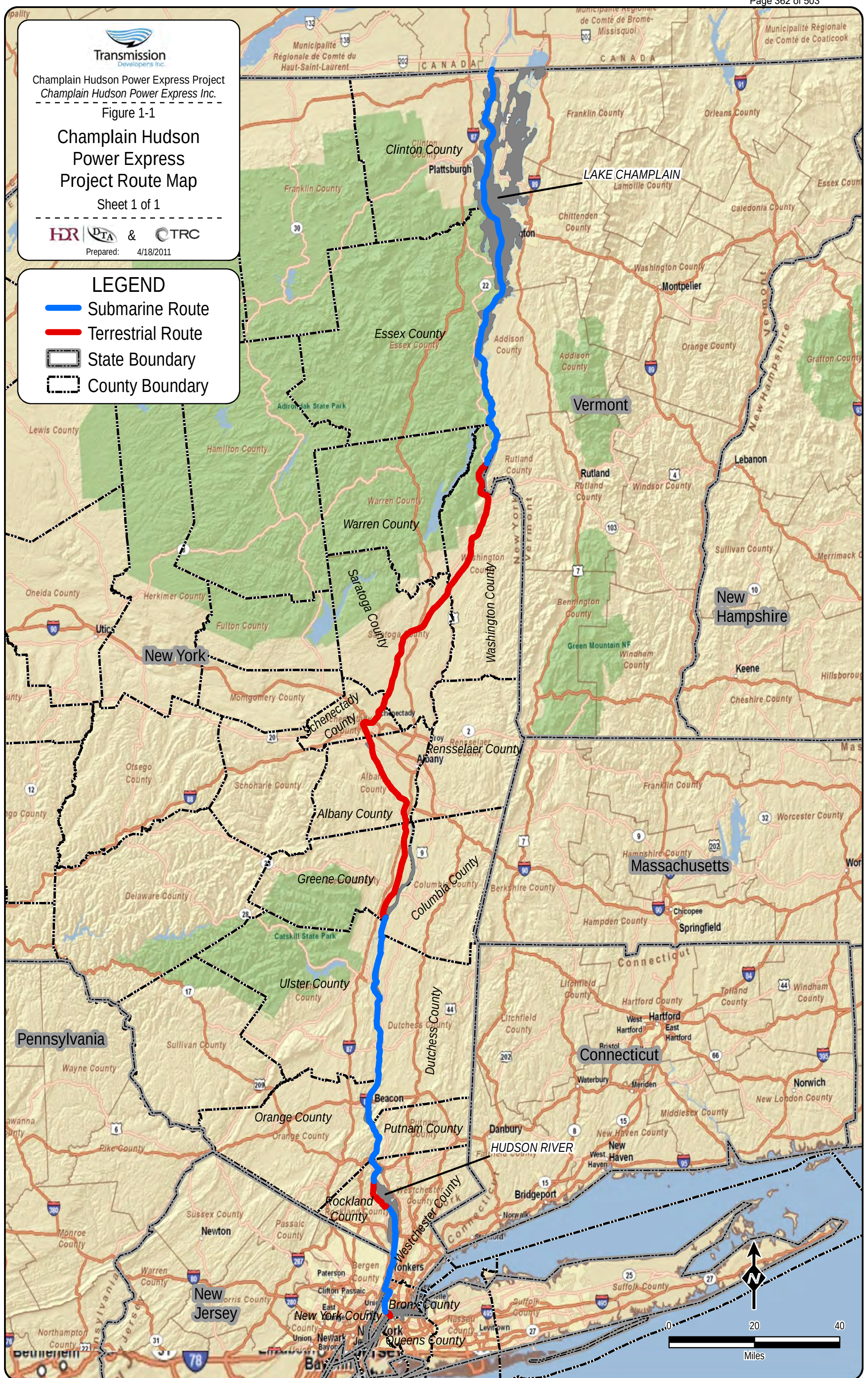
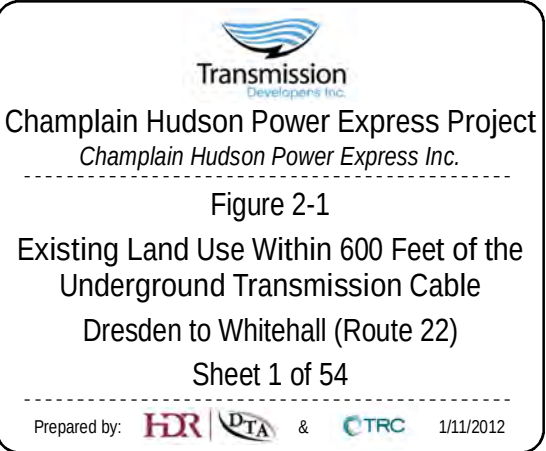
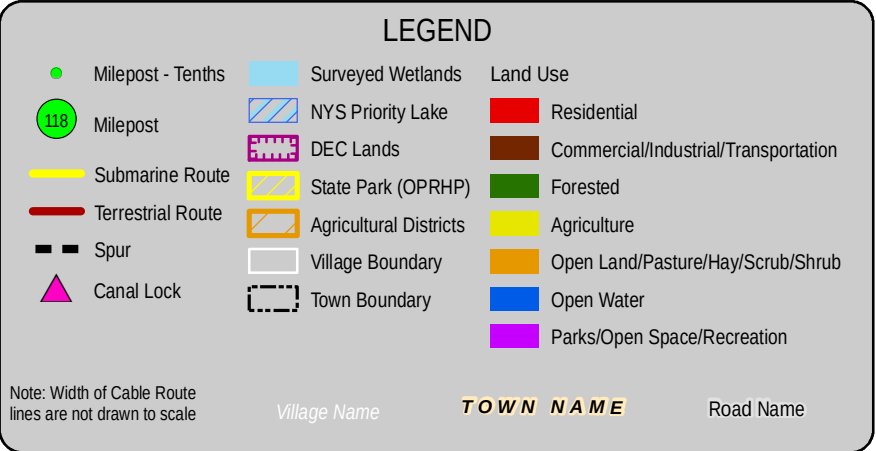
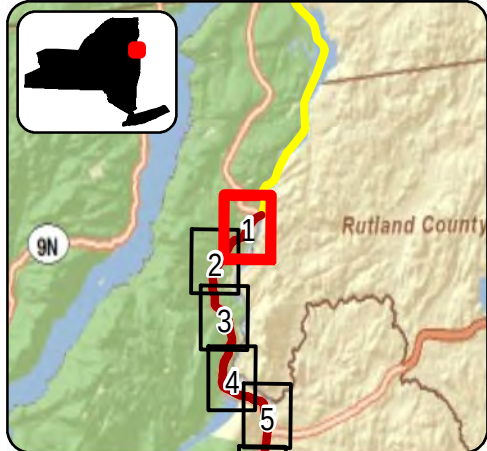
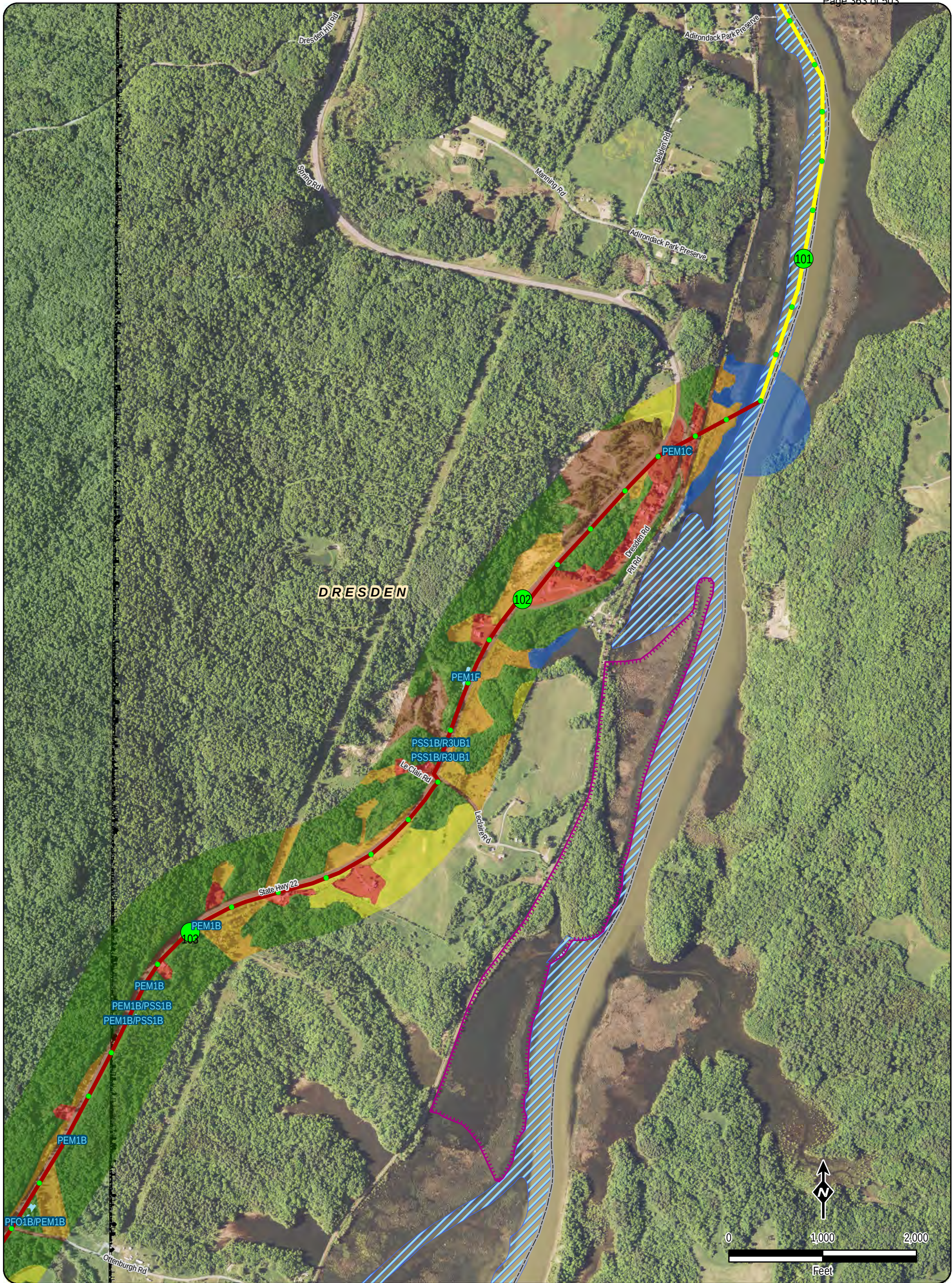
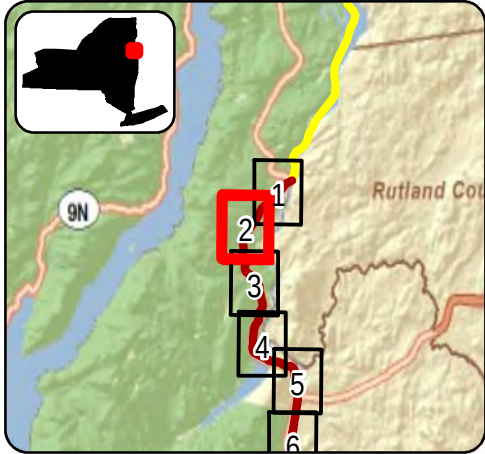
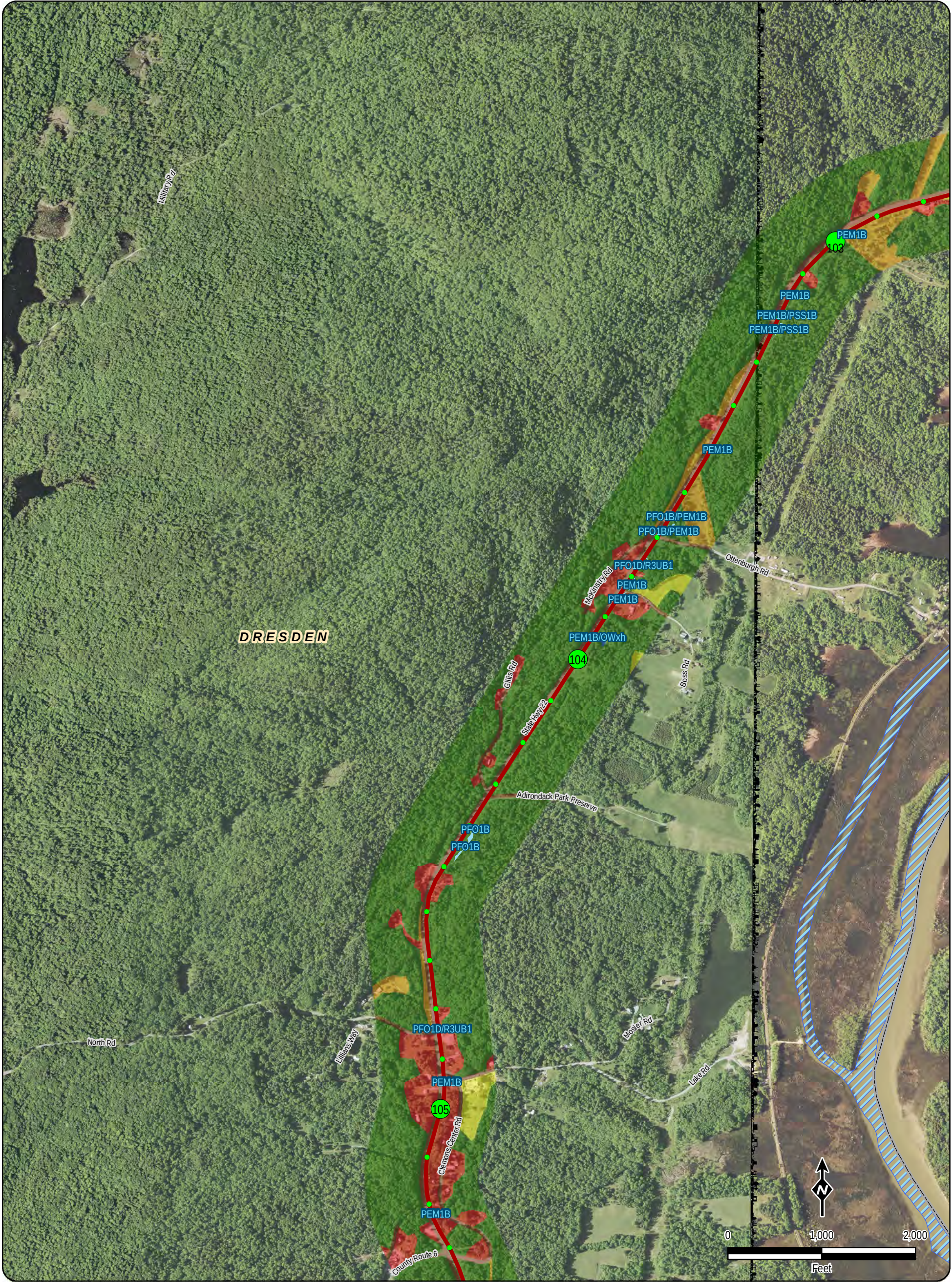


Figure 1-1





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

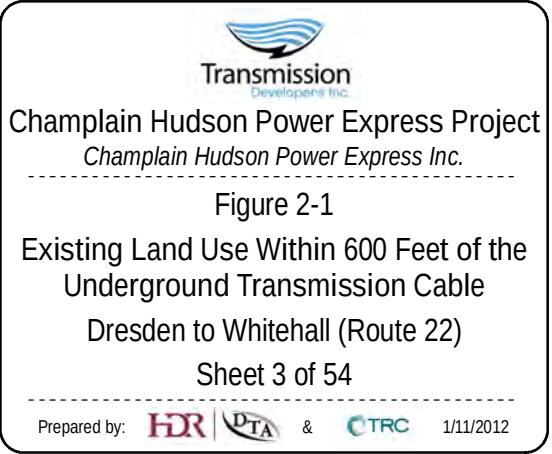
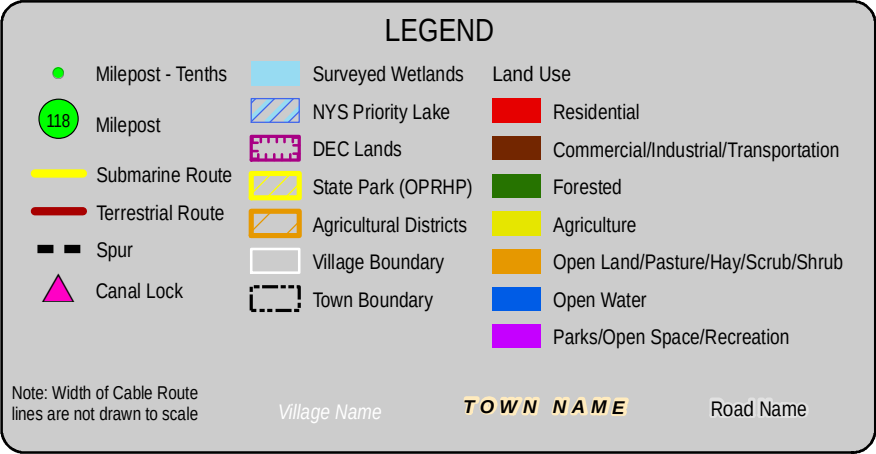
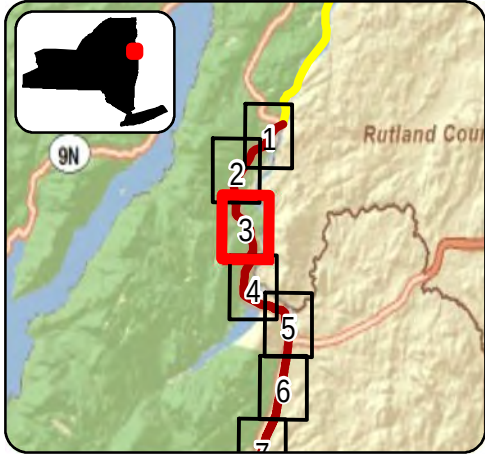
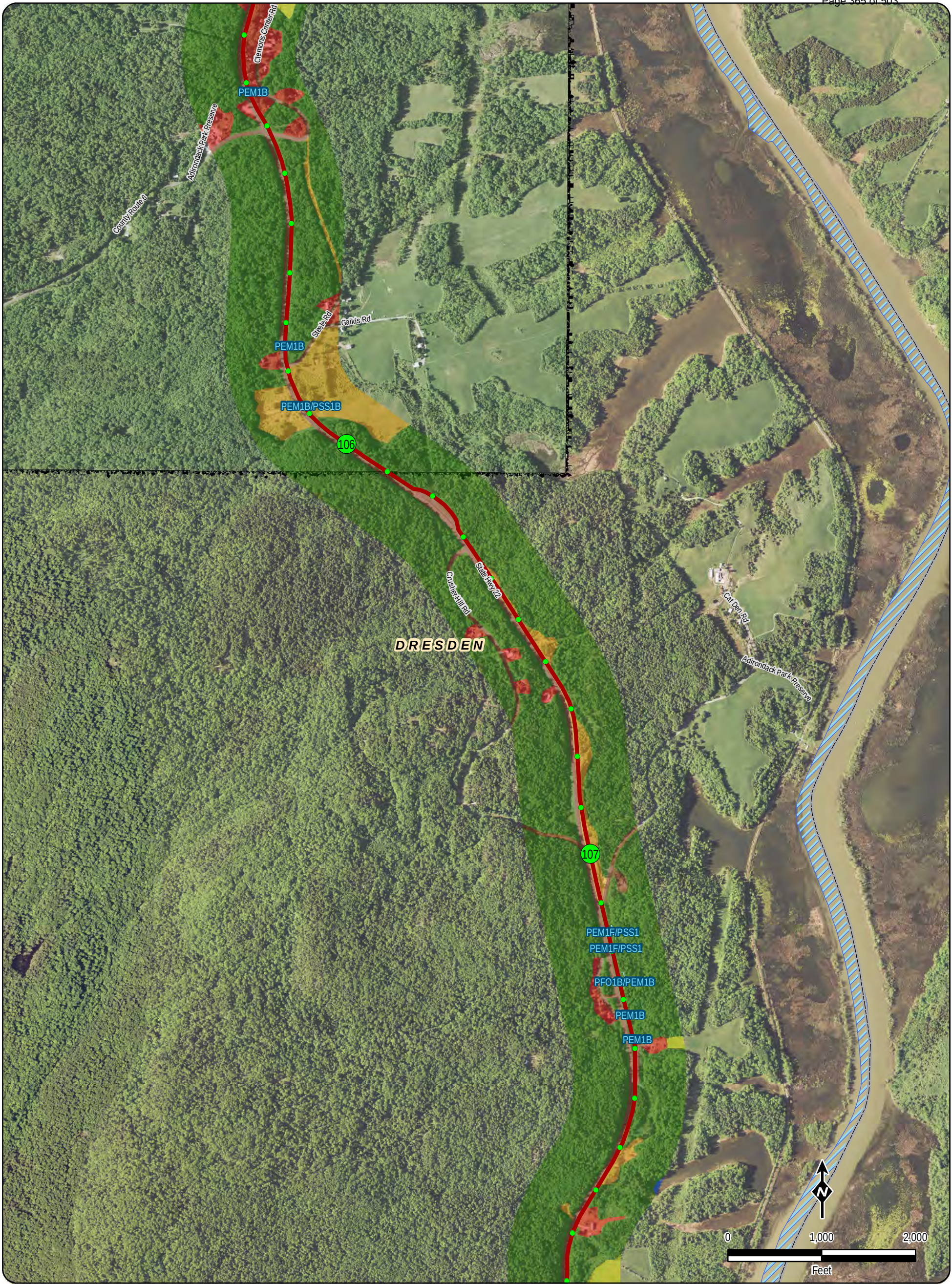
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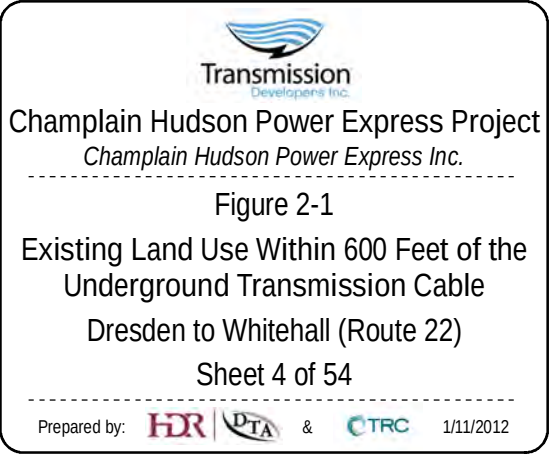
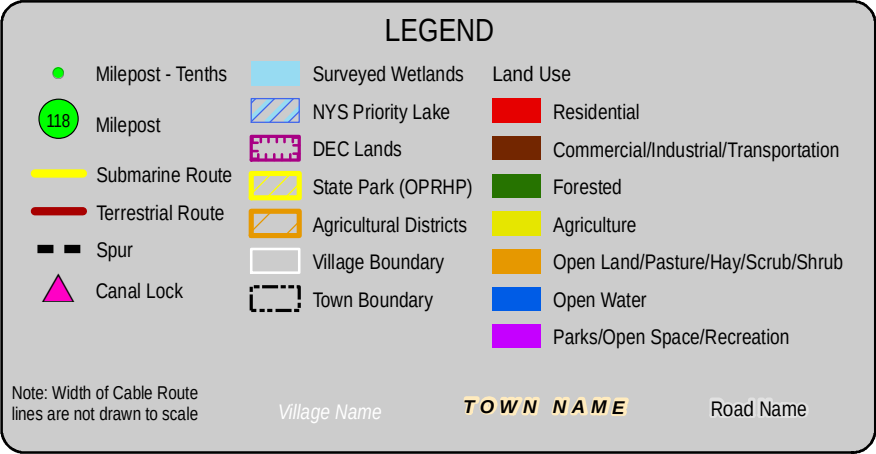
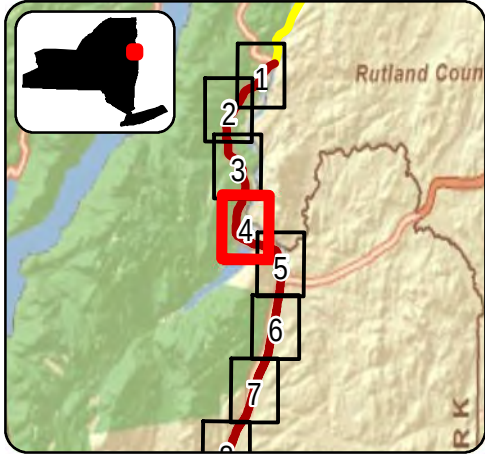
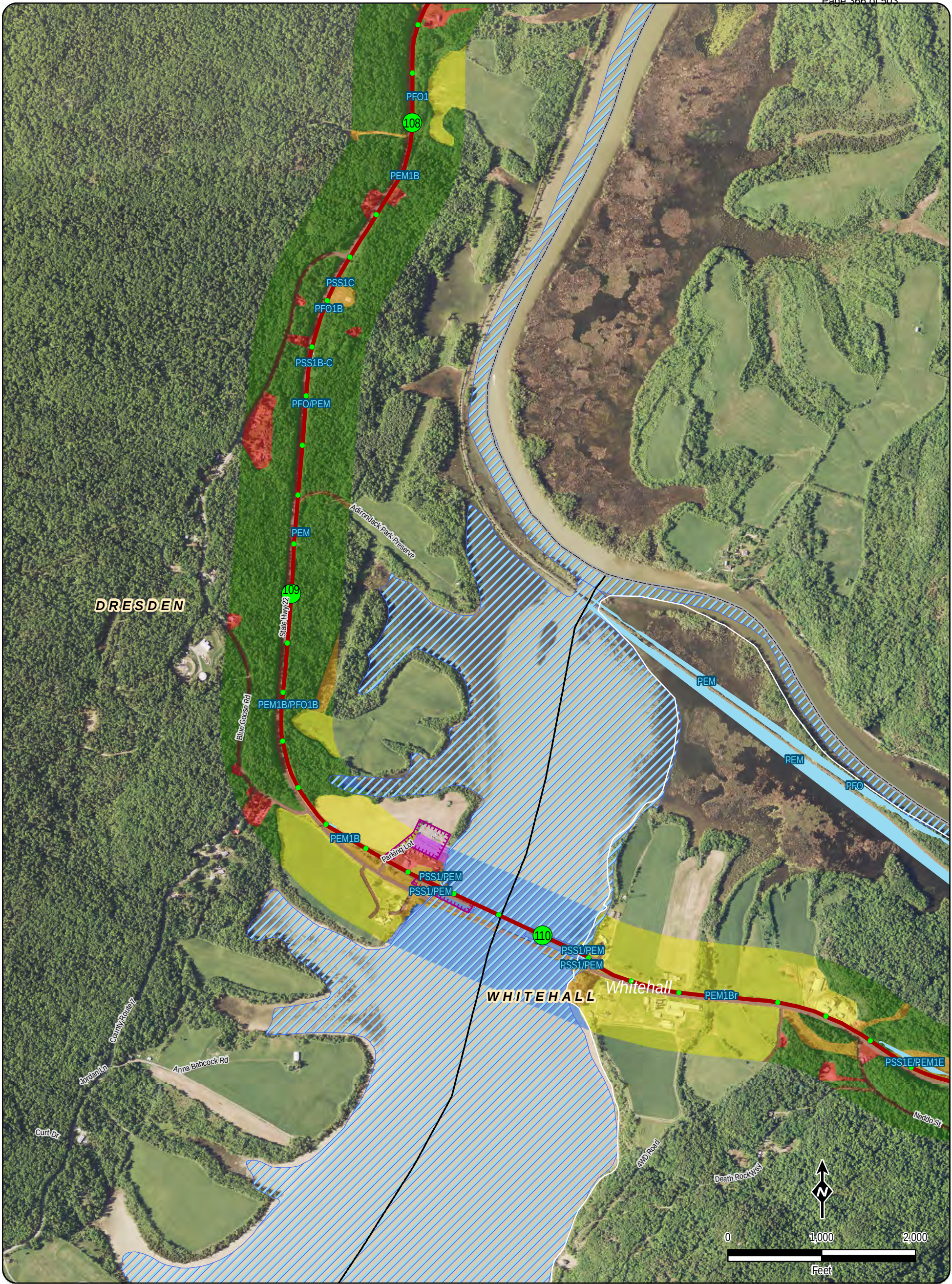
Village Name	TOWN NAME	Road Name
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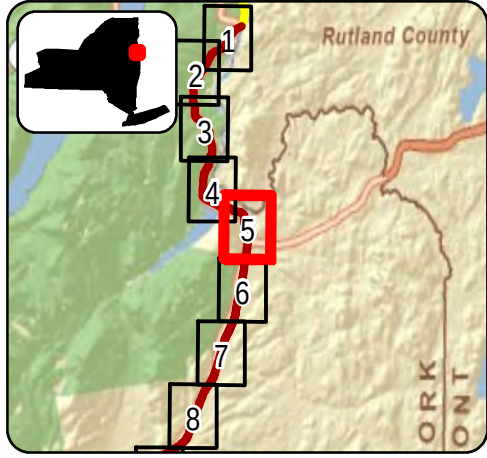
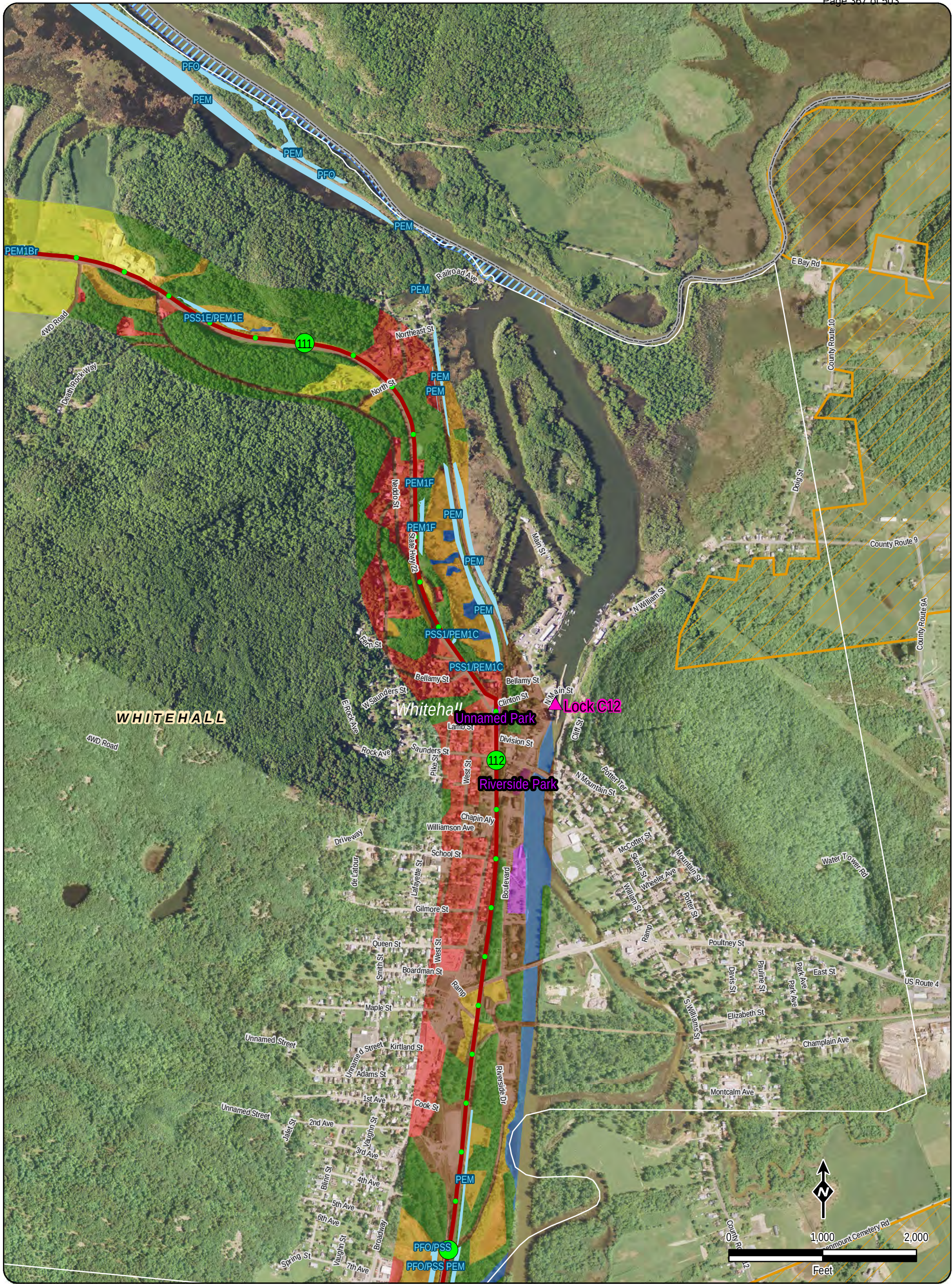
Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

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

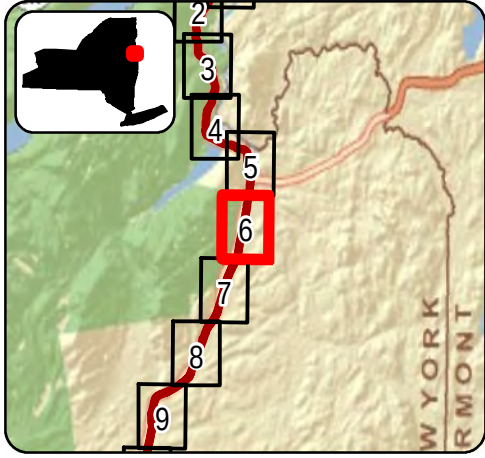
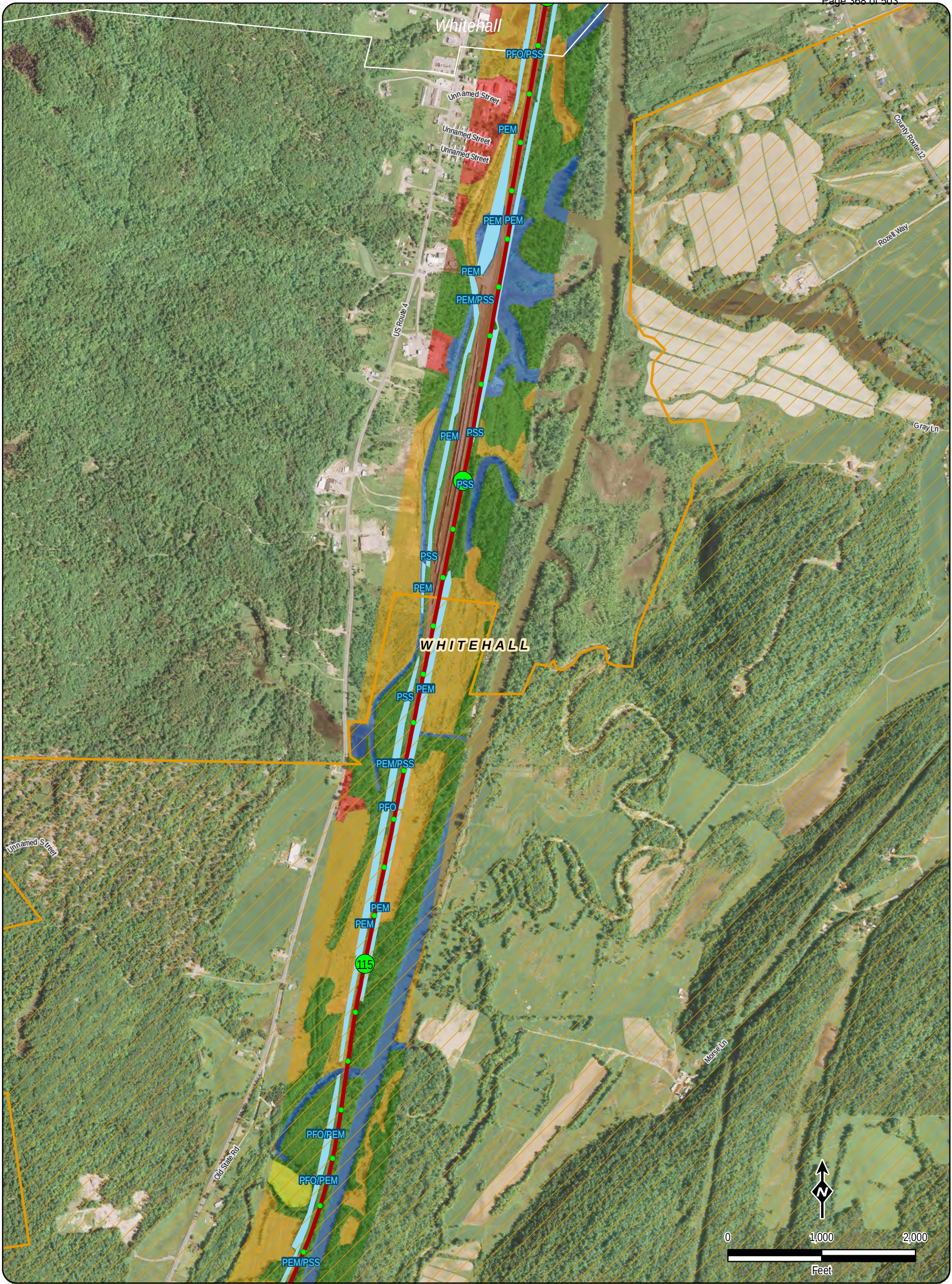
Village Name TOWN NAME Road Name

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
Dresden to Whitehall (Route 22)
Sheet 5 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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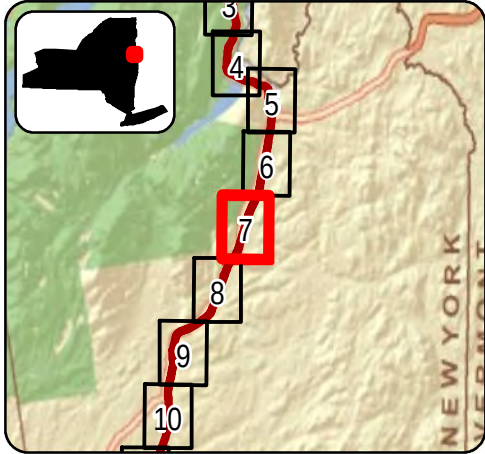
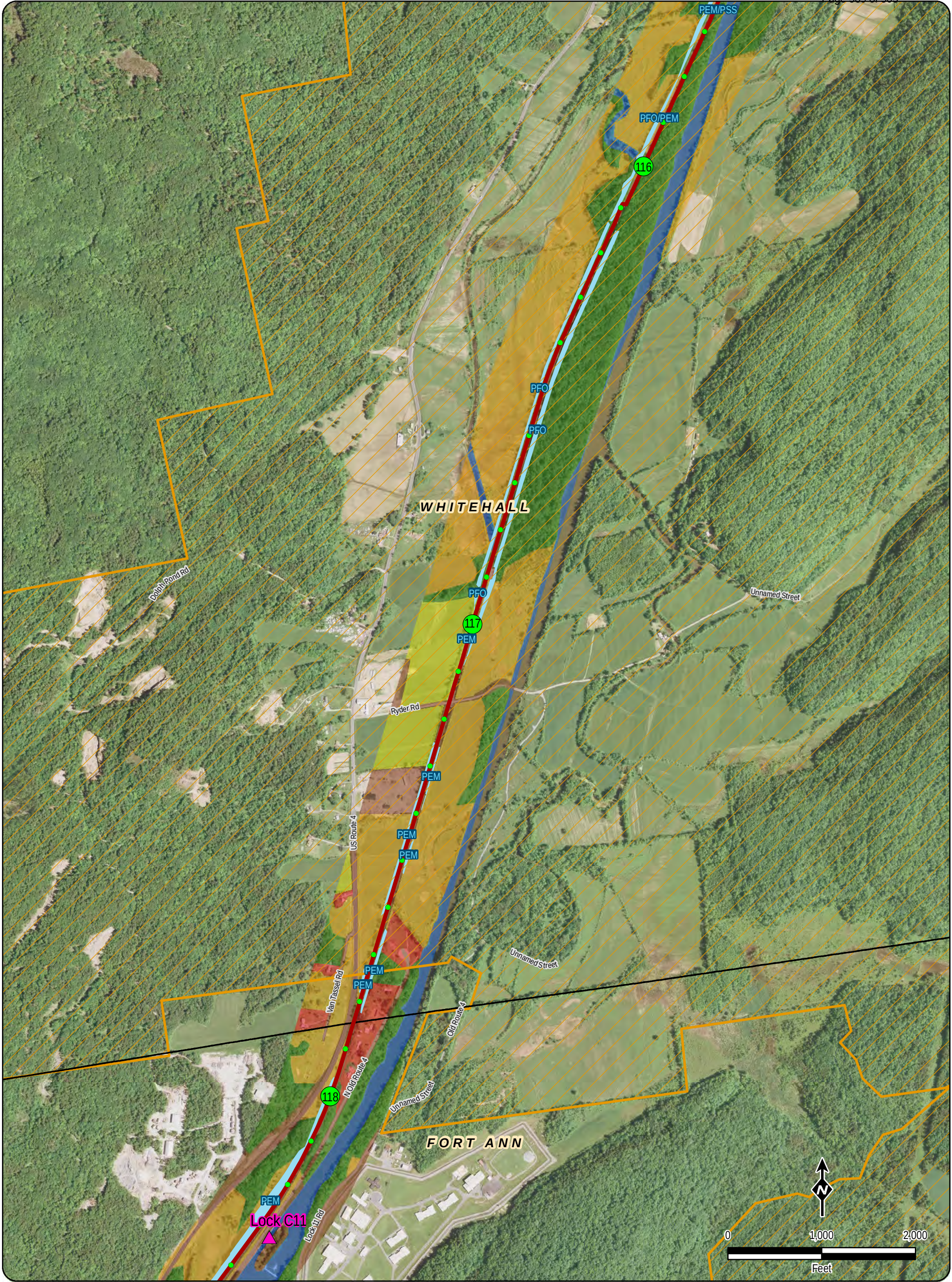
Village Name TOWN NAME Road Name

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 6 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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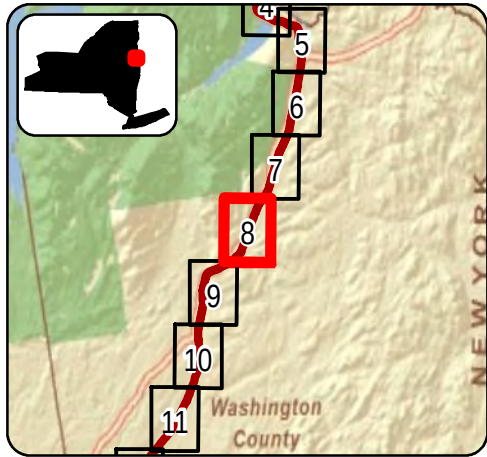
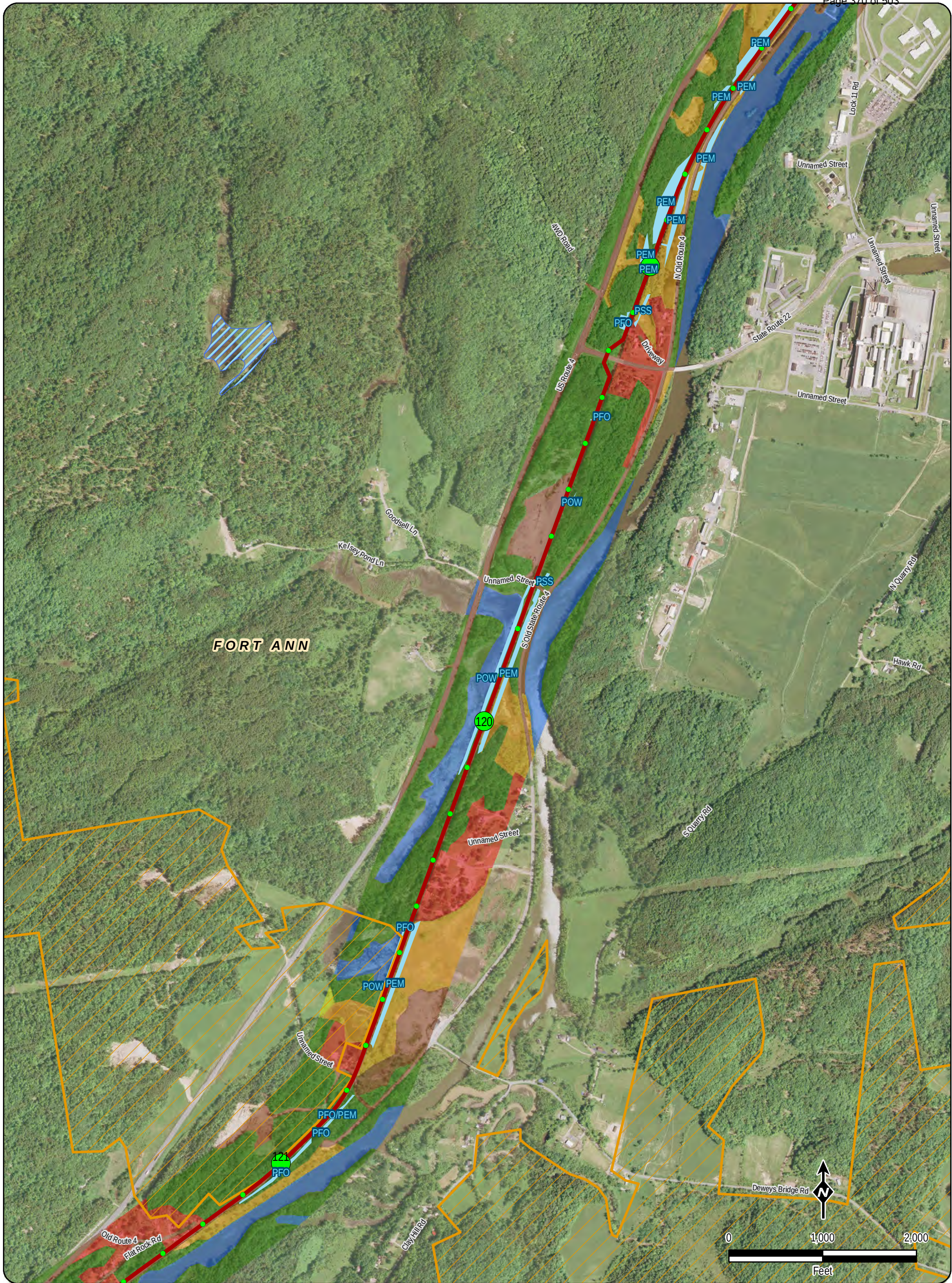
Note: Width of Cable Route lines are not drawn to scale

Village Name	TOWN NAME	Road Name
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Champlain Hudson Power Express 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 7 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
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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

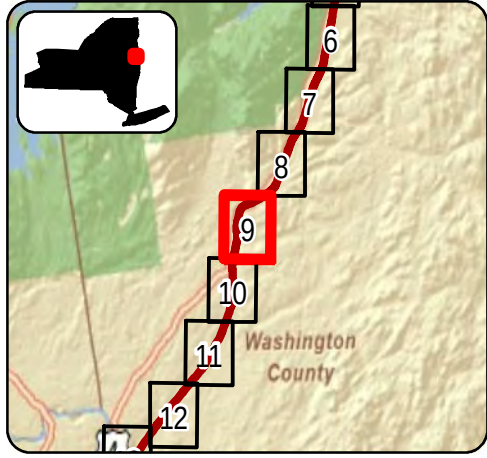
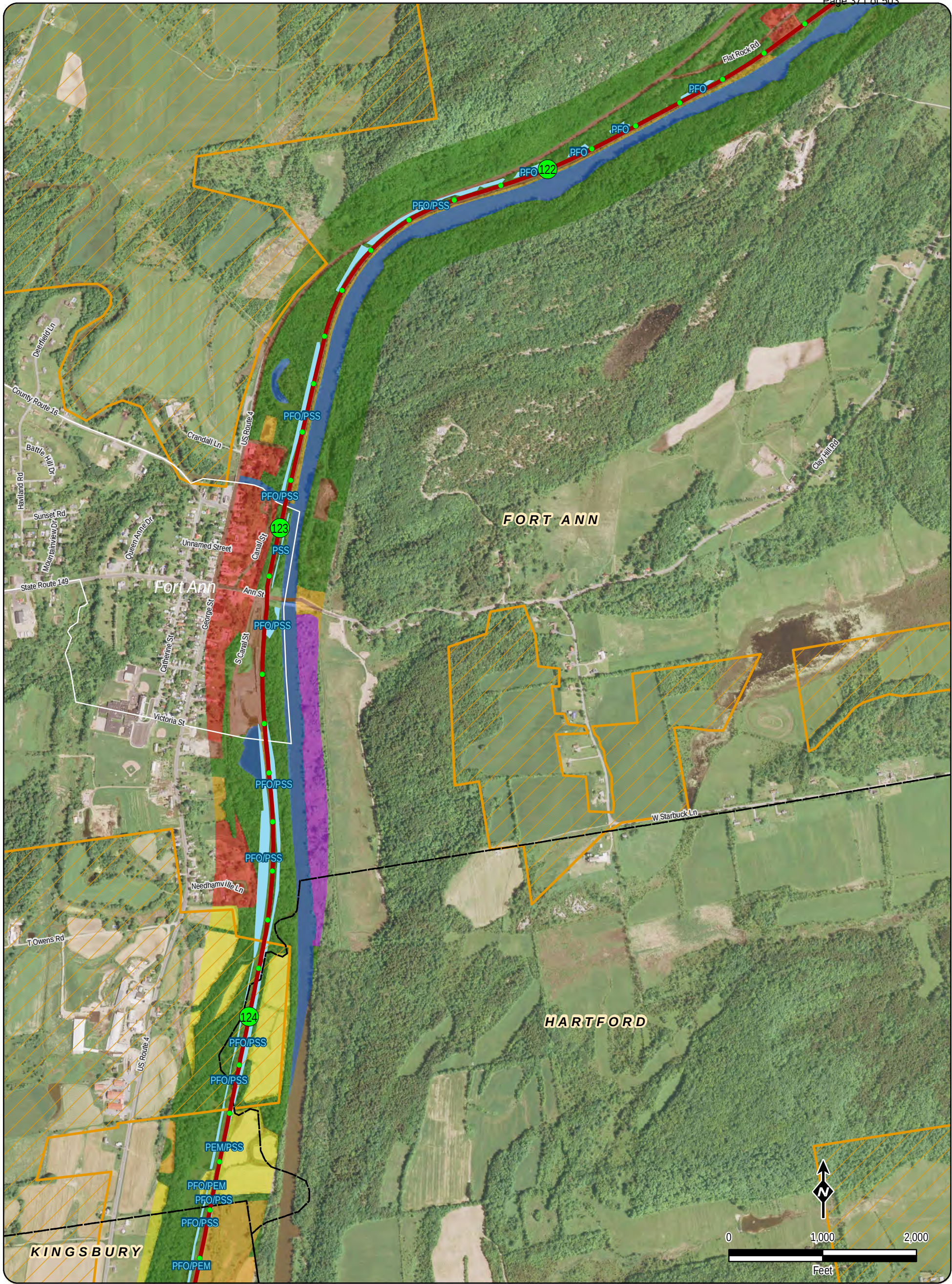
Village Name TOWN NAME Road Name

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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 8 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

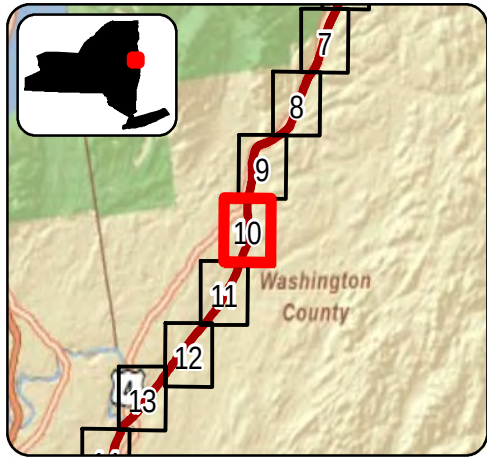
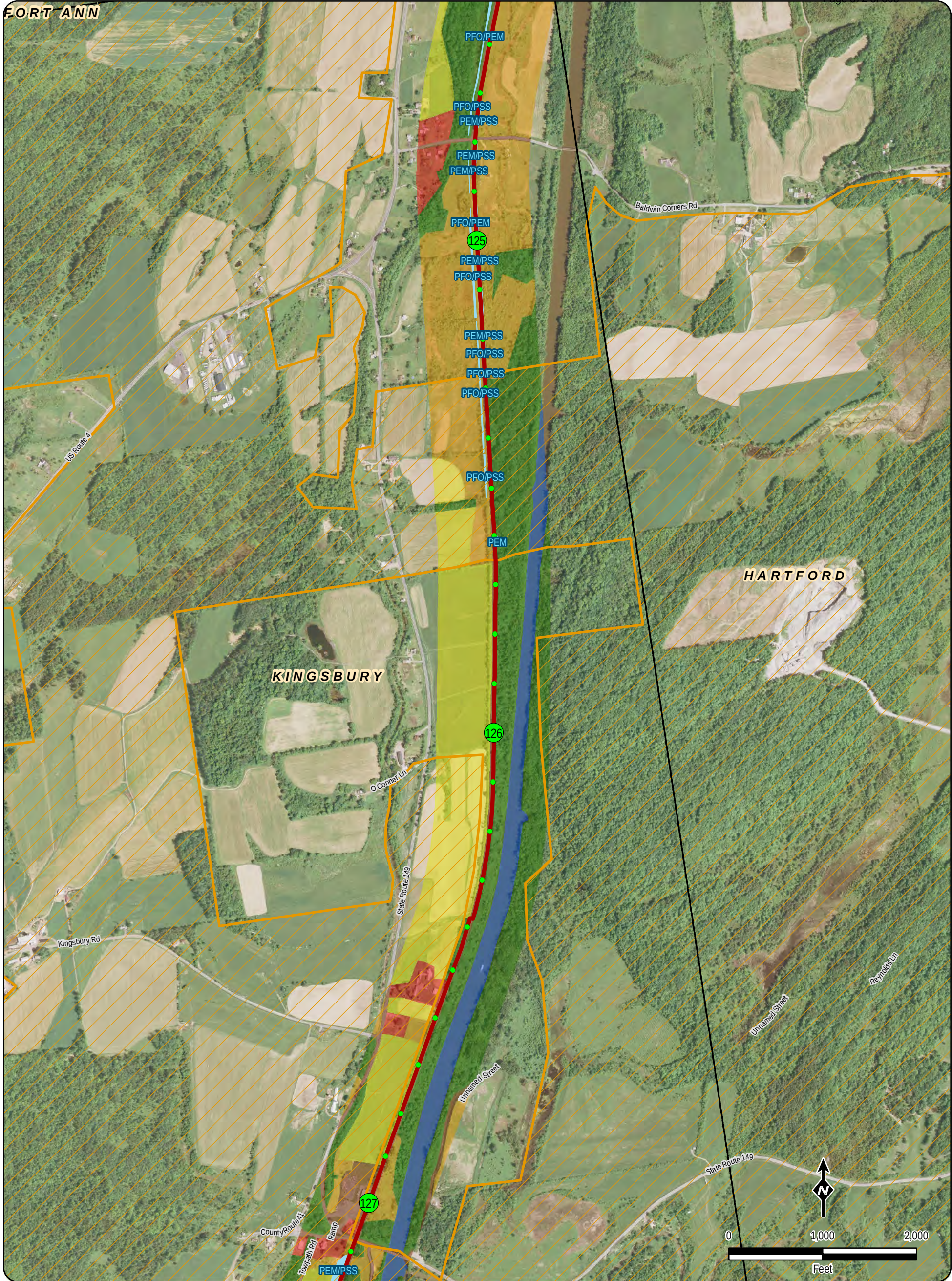
Note: Width of Cable Route lines are not drawn to scale

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 9 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

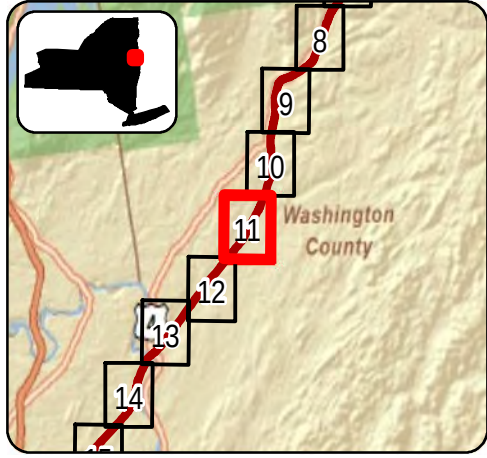
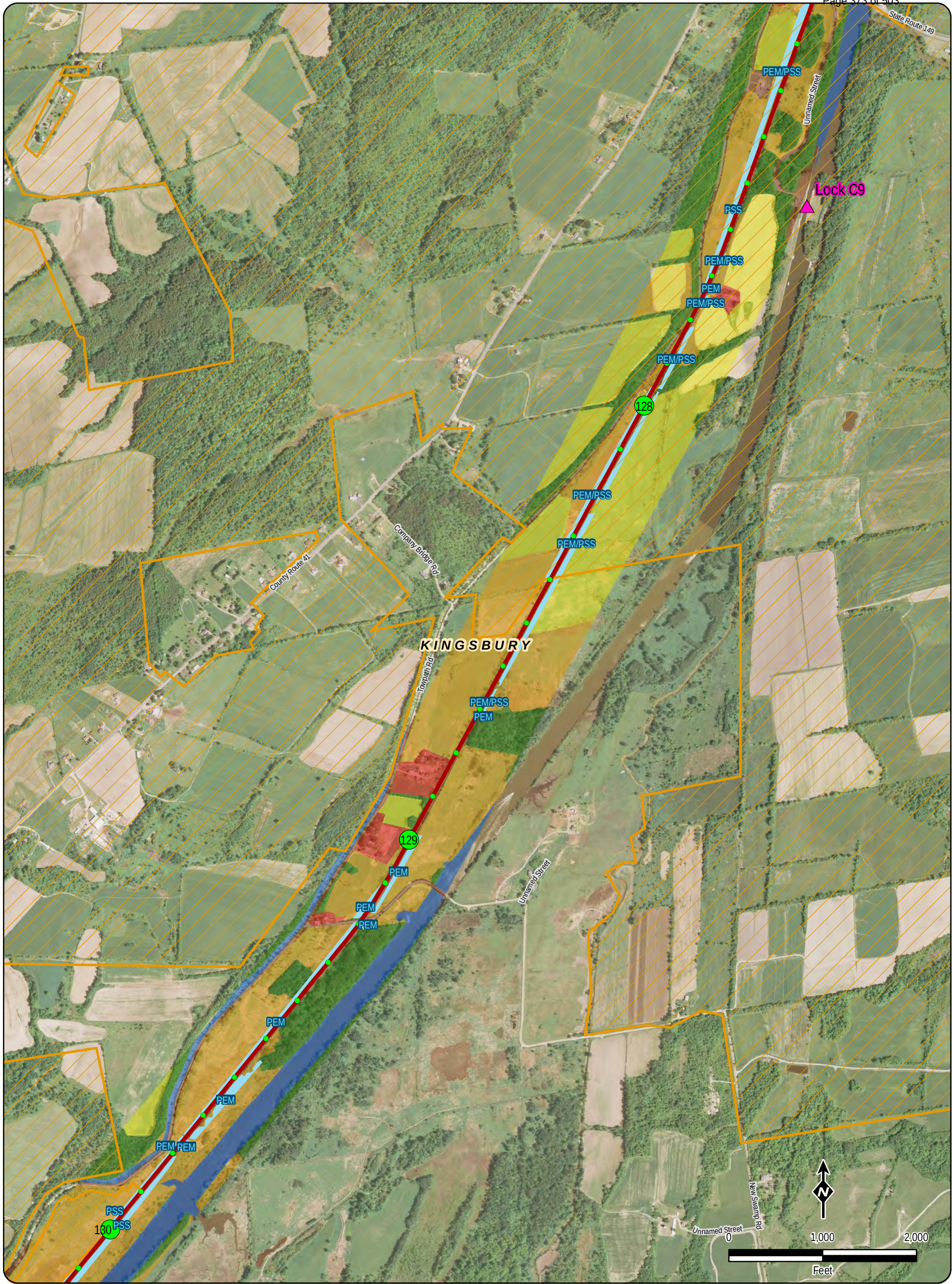
Village Name TOWN NAME Road Name

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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)
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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
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

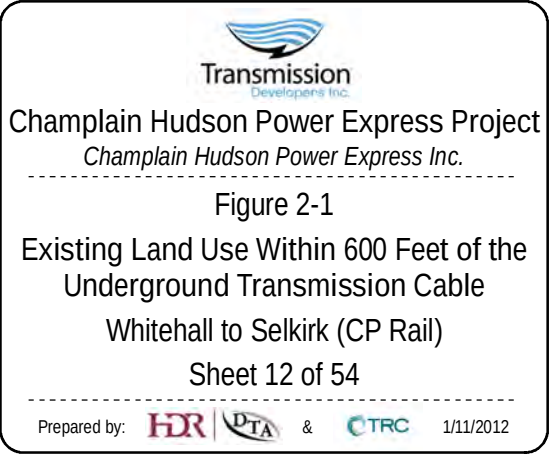
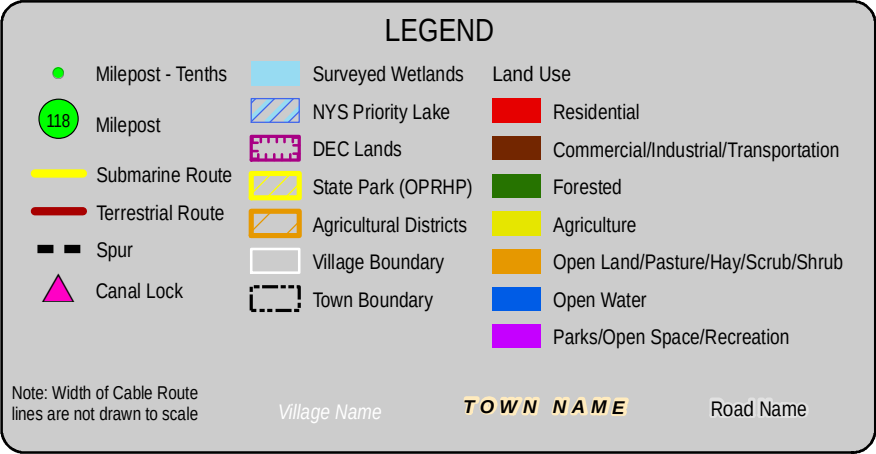
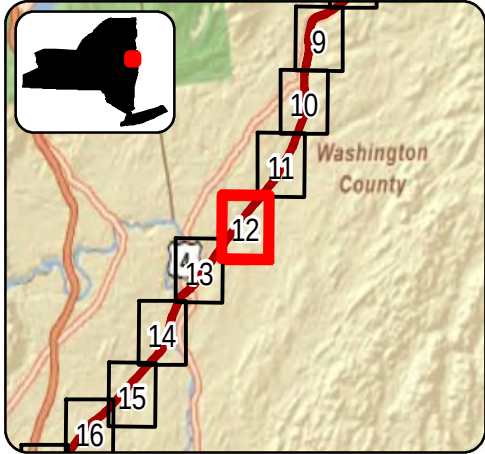
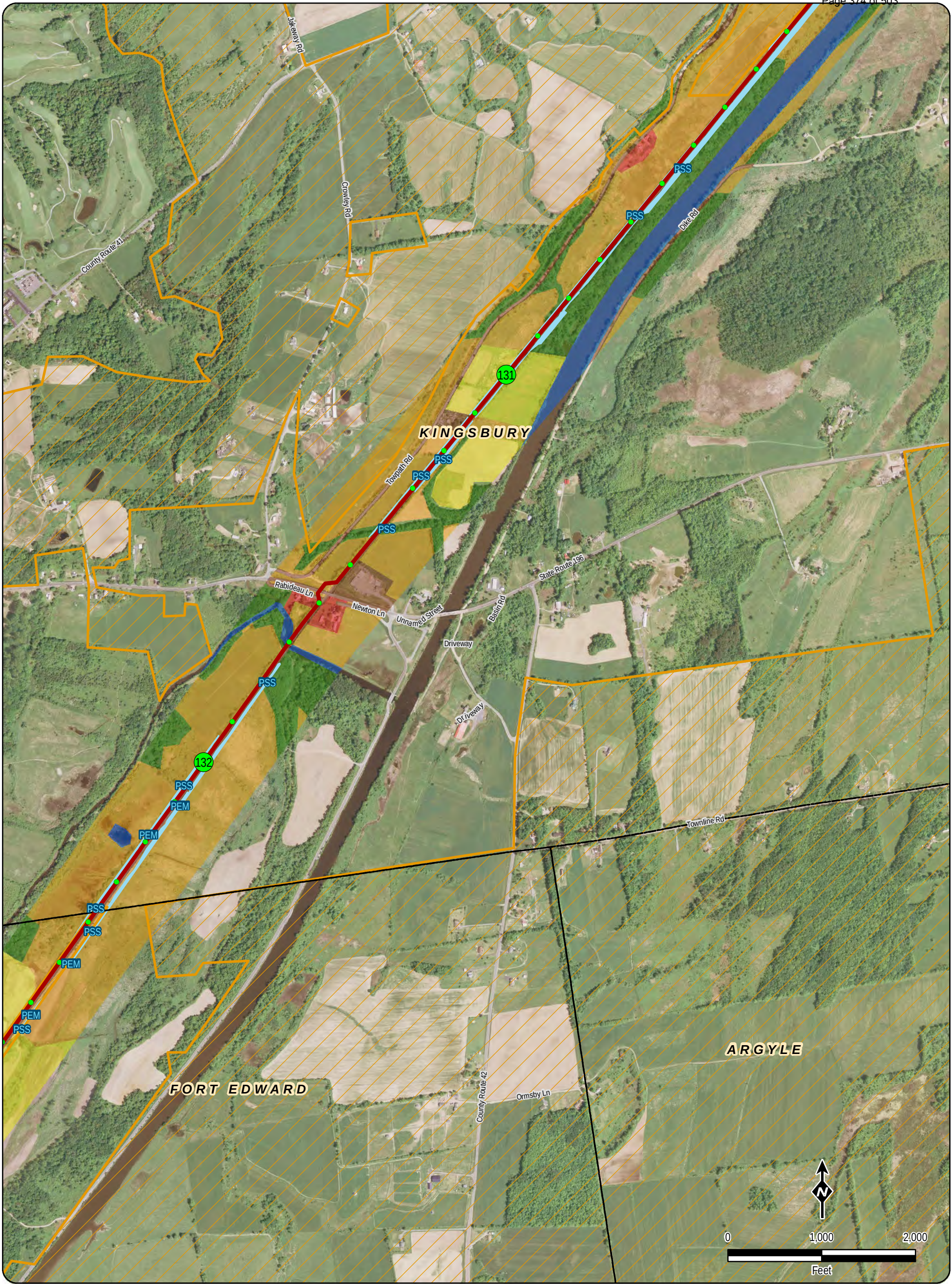
Village Name TOWN NAME Road Name

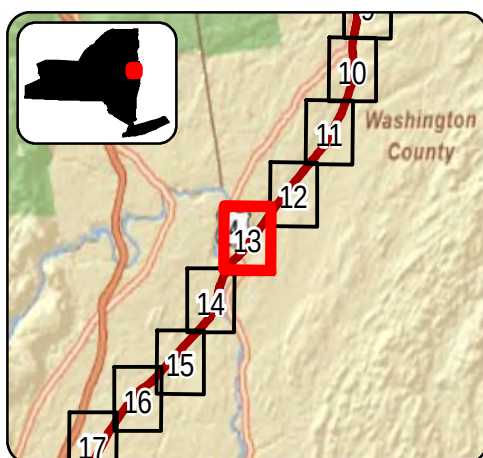
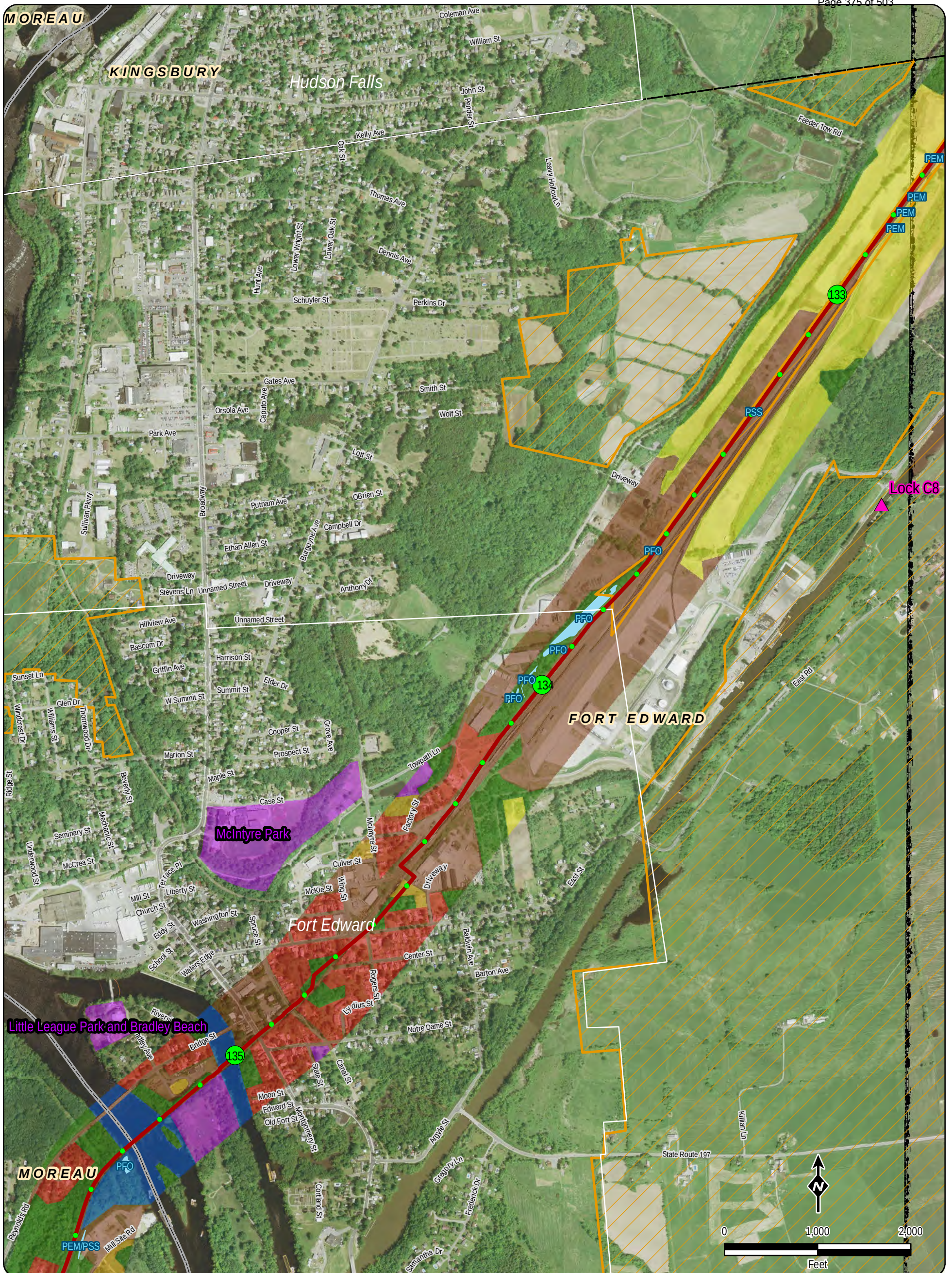
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Figure 2-1
Existing Land Use Within 600 Feet of the Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
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LEGEND

● 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

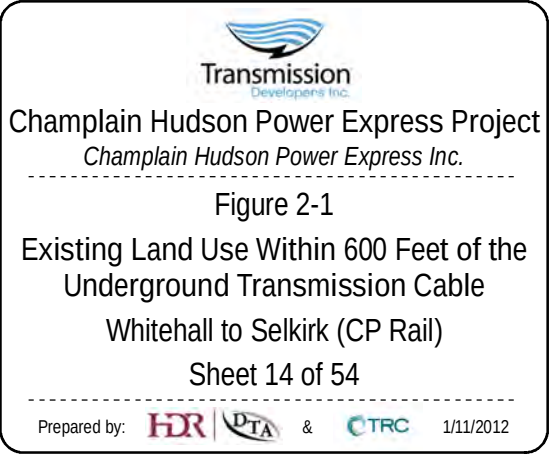
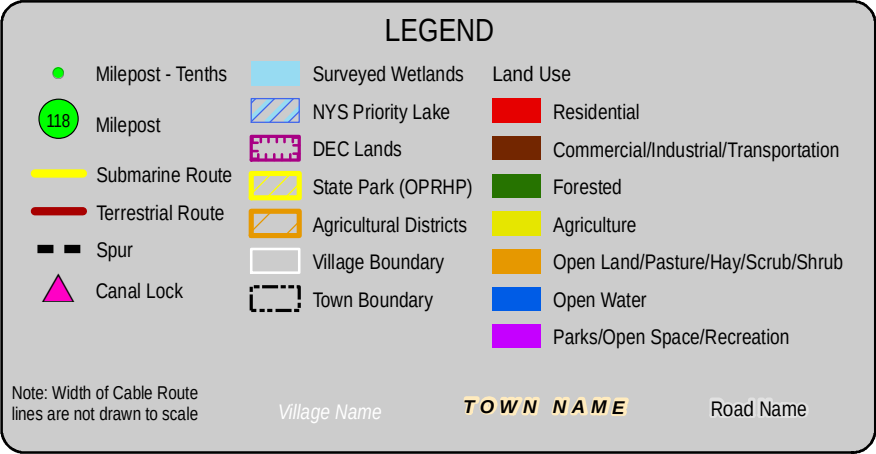
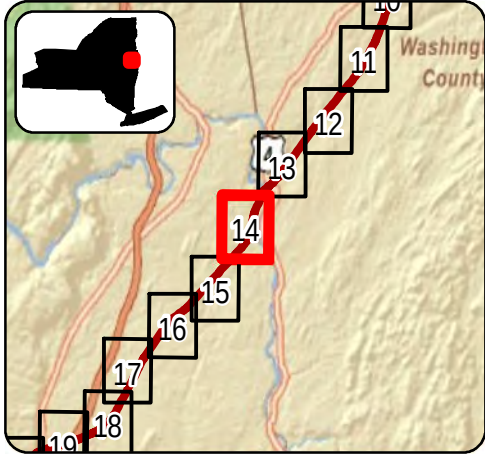
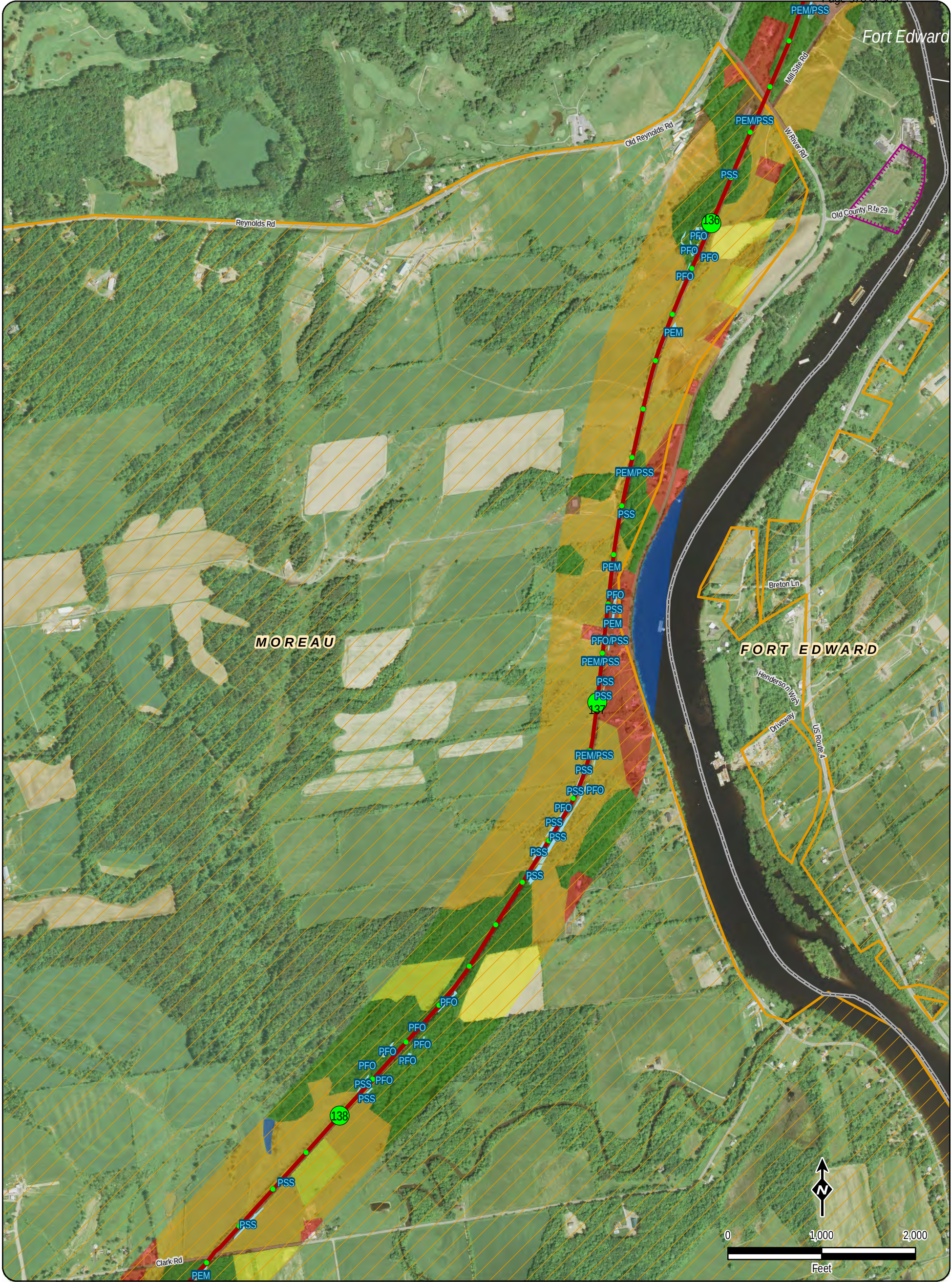
Village Name
TOWN NAME
Road Name

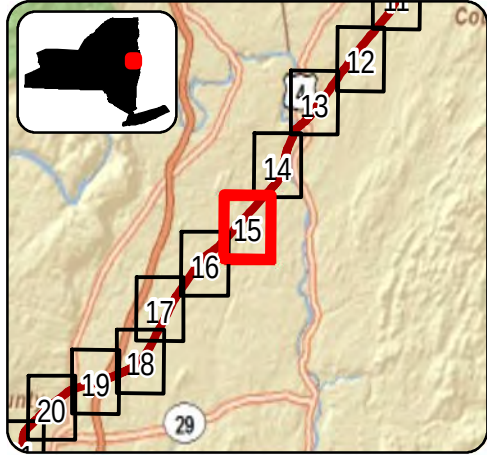
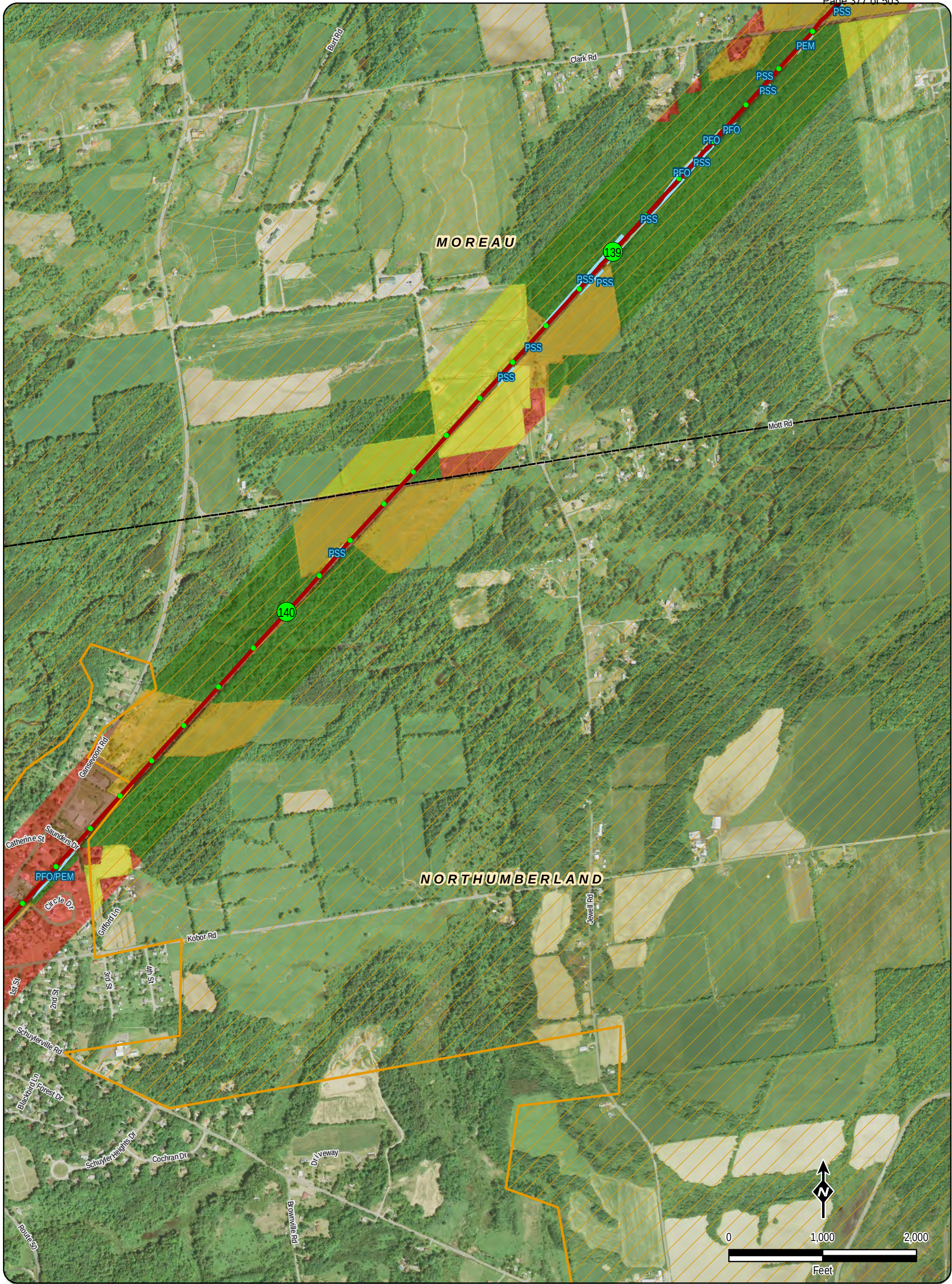

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Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
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LEGEND

● 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

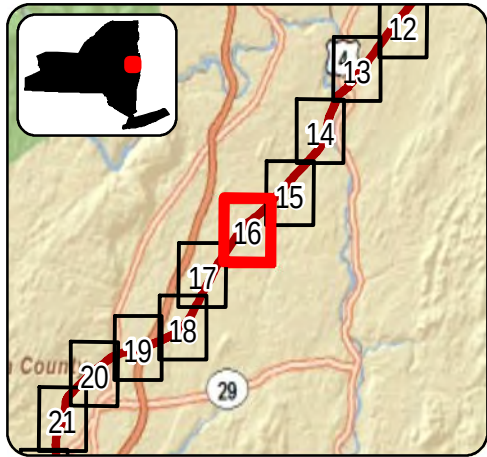
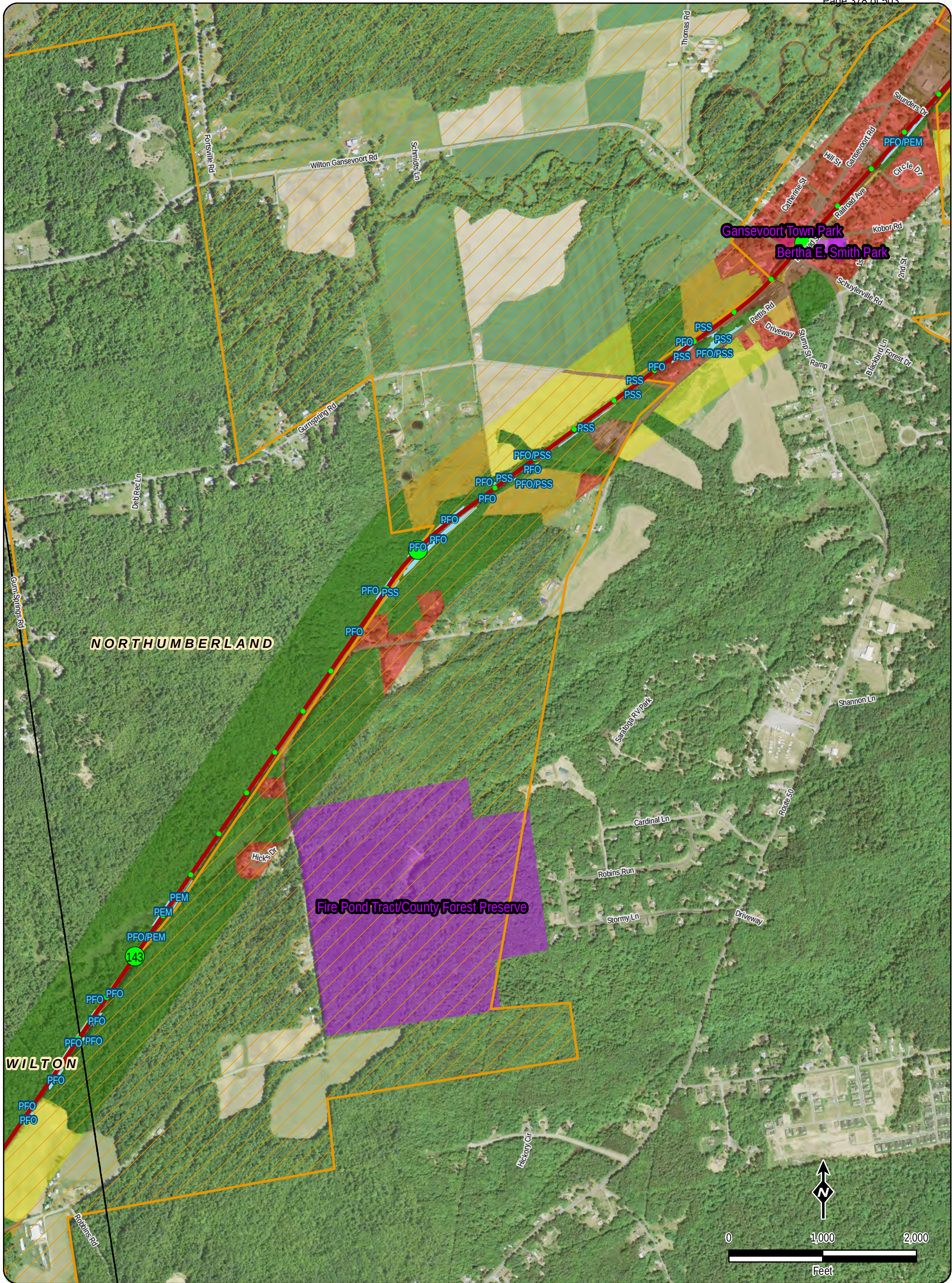
Village Name TOWN NAME Road Name

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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
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

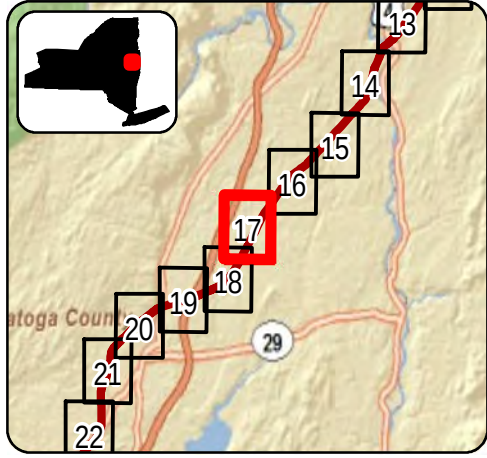
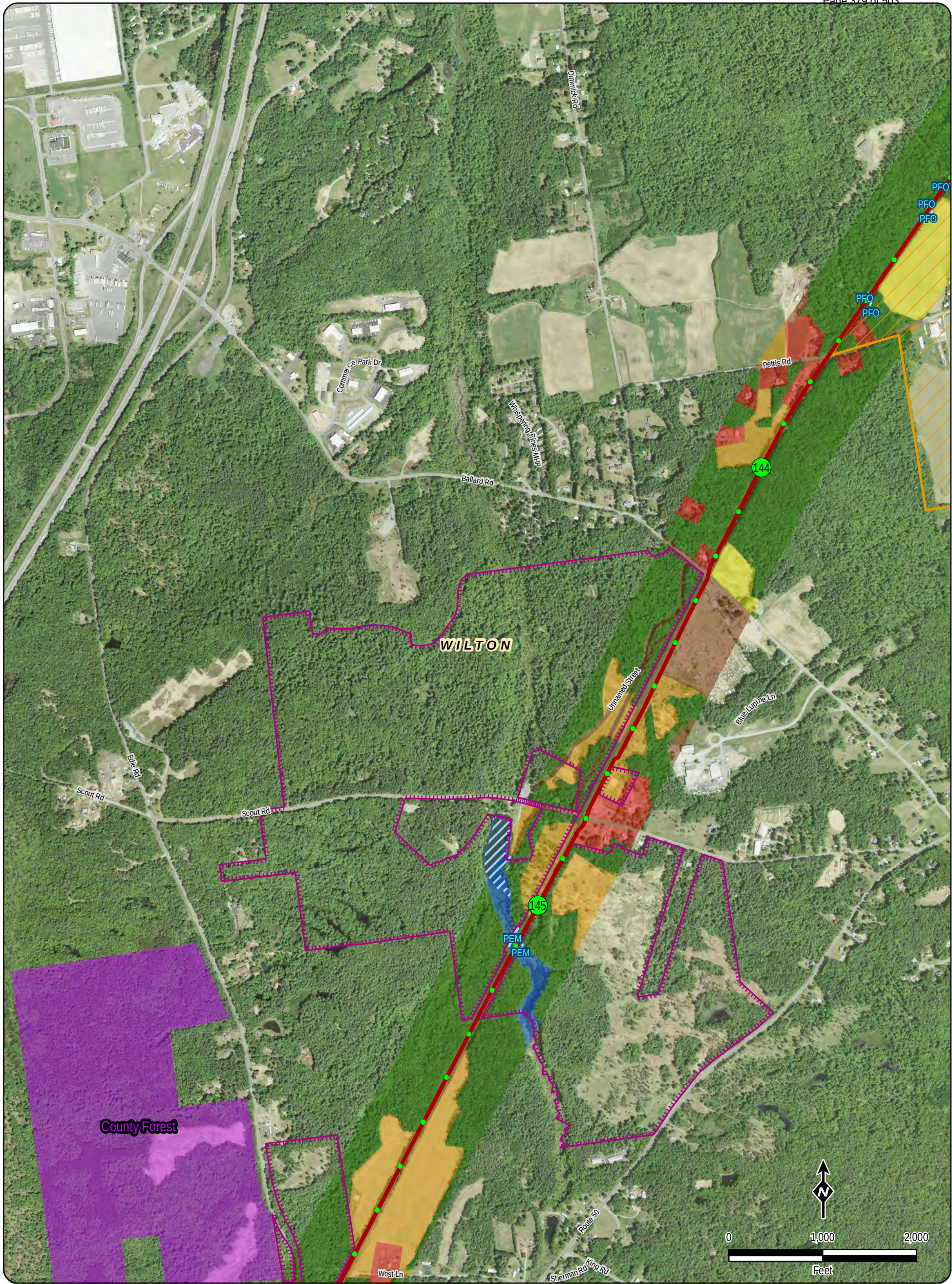
Village Name TOWN NAME Road Name

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

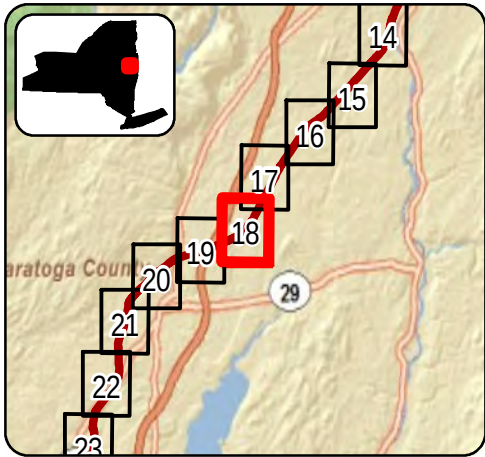
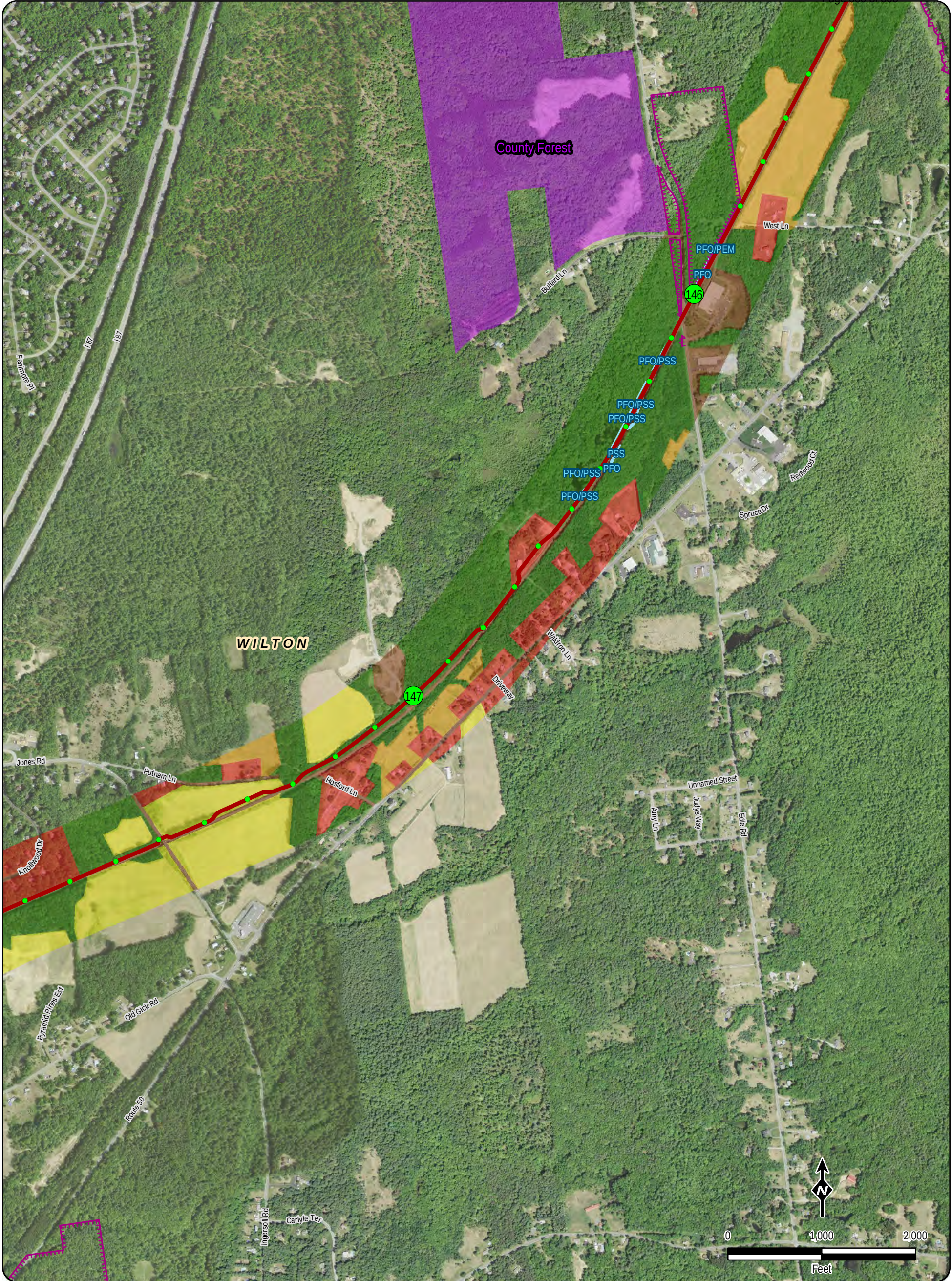
Village Name TOWN NAME Road Name

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

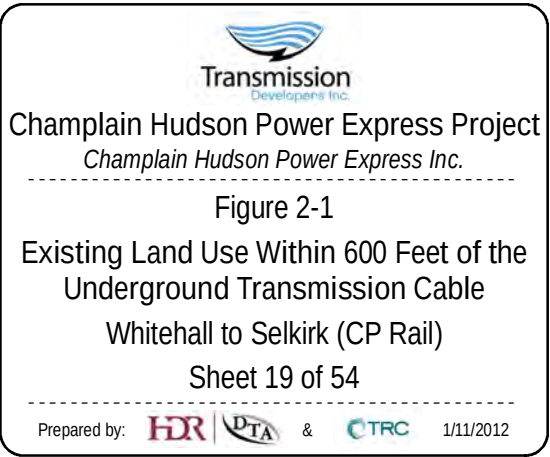
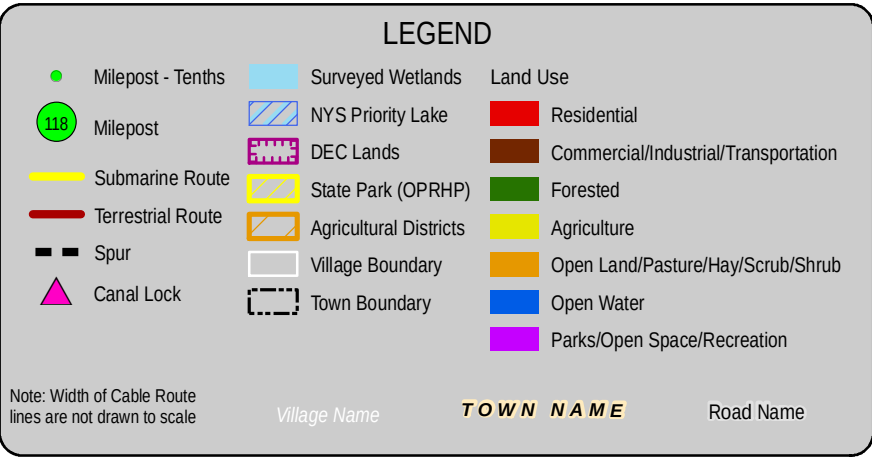
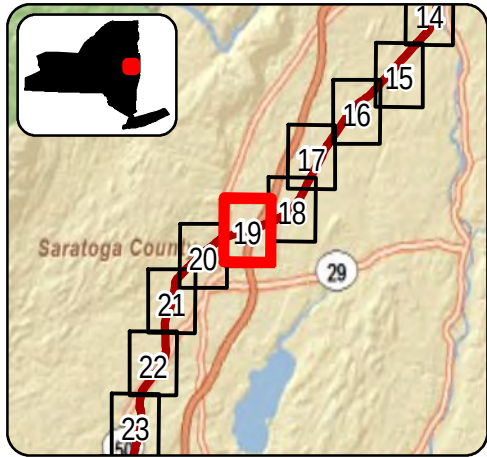
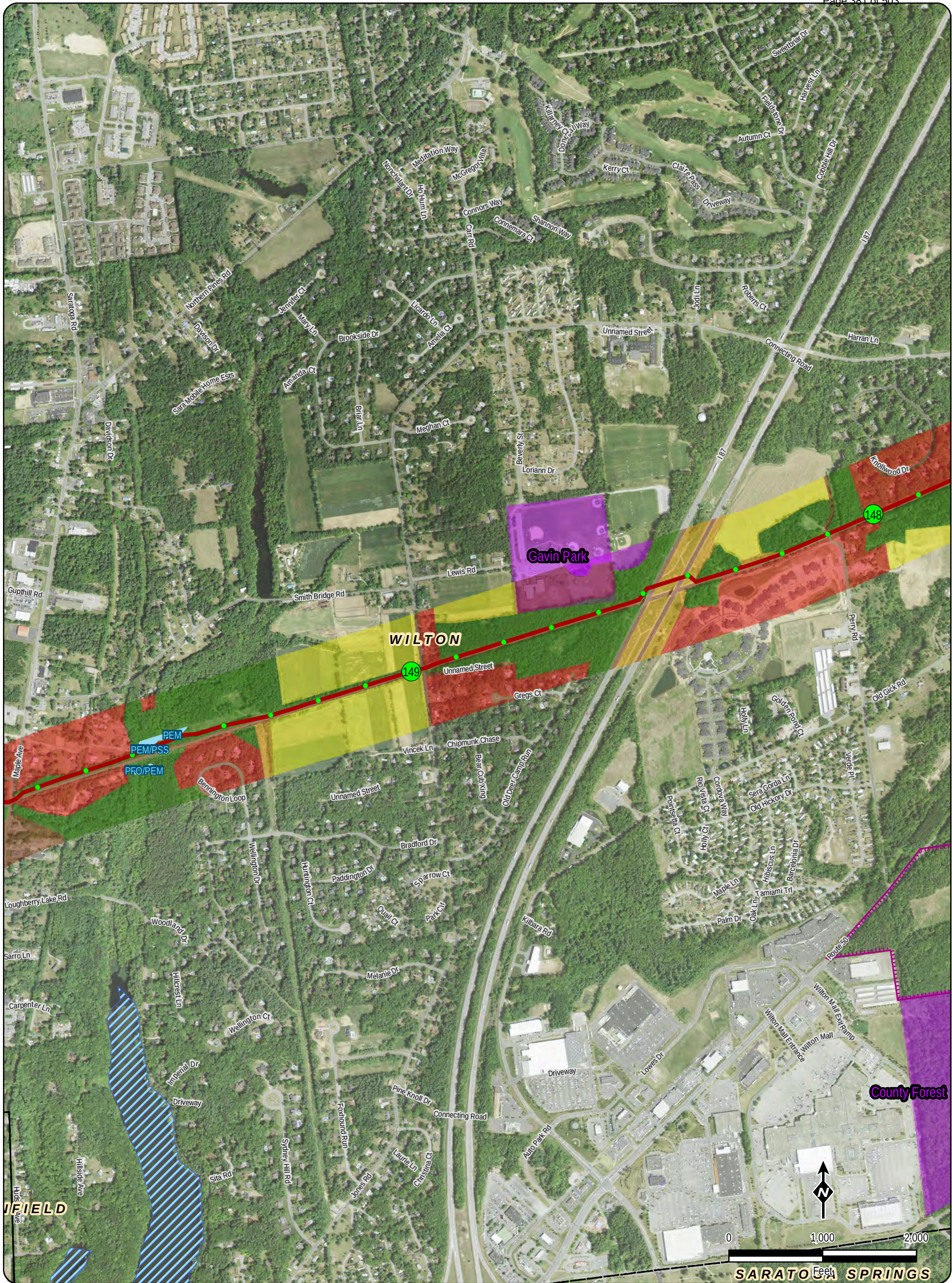
Village Name TOWN NAME Road Name

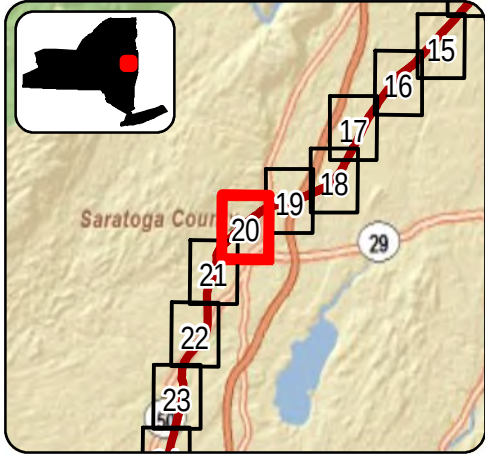
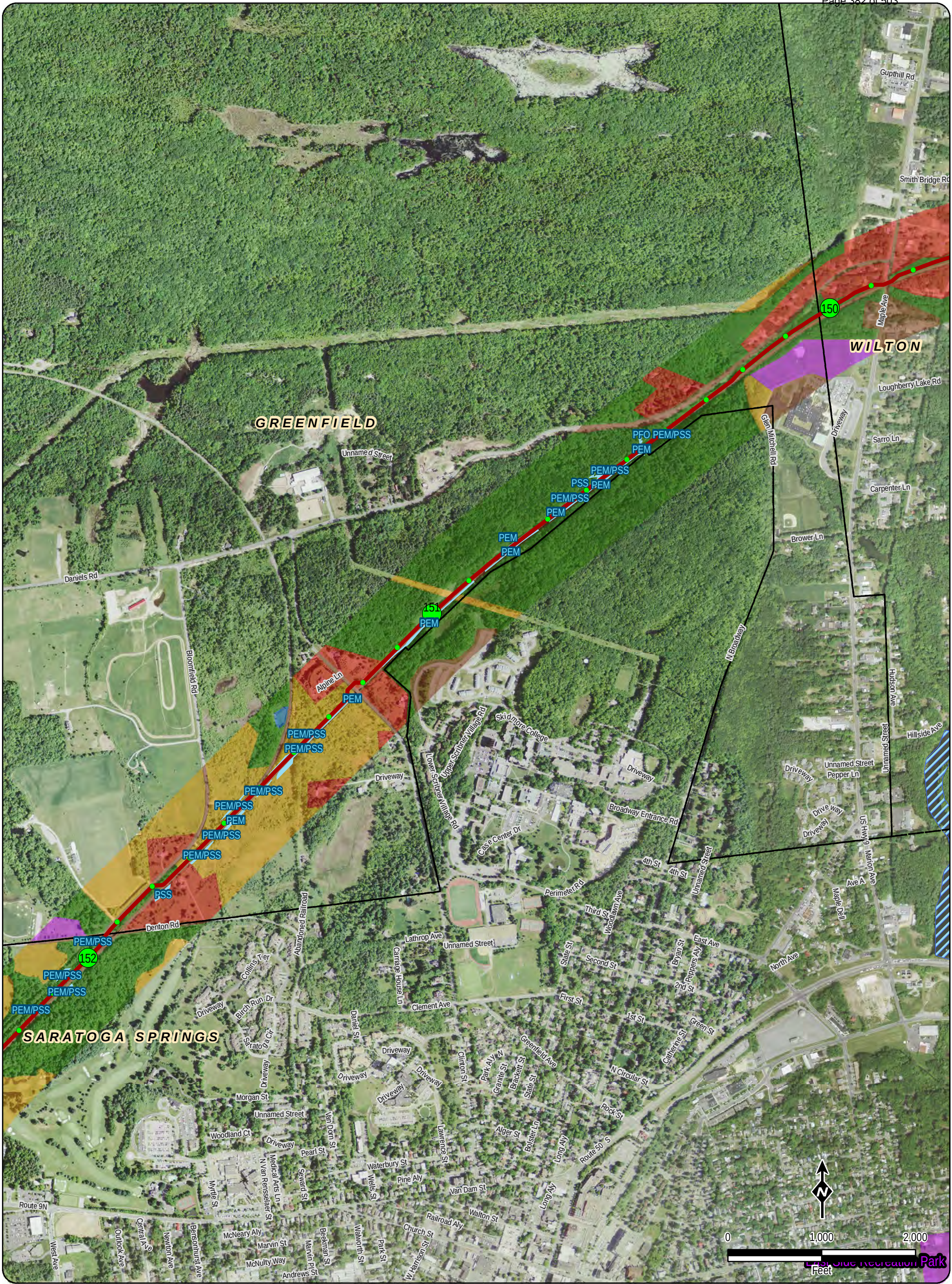
Transmission
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Champlain Hudson Power Express Project
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Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
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Prepared 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

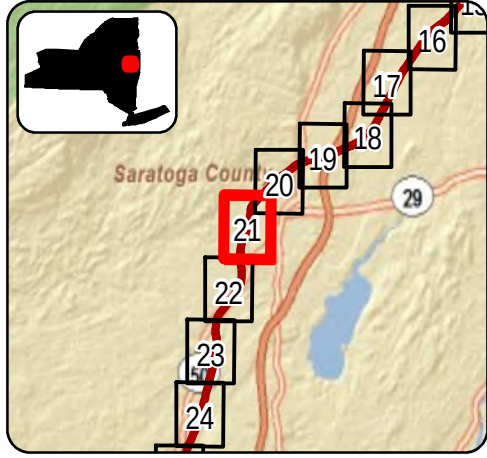
Village Name **TOWN NAME** Road Name

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Champlain Hudson Power Express Project
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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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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

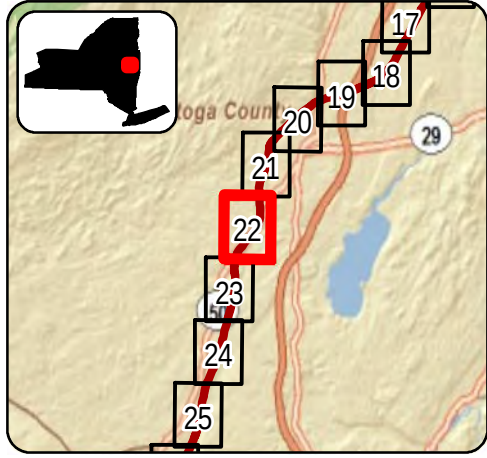
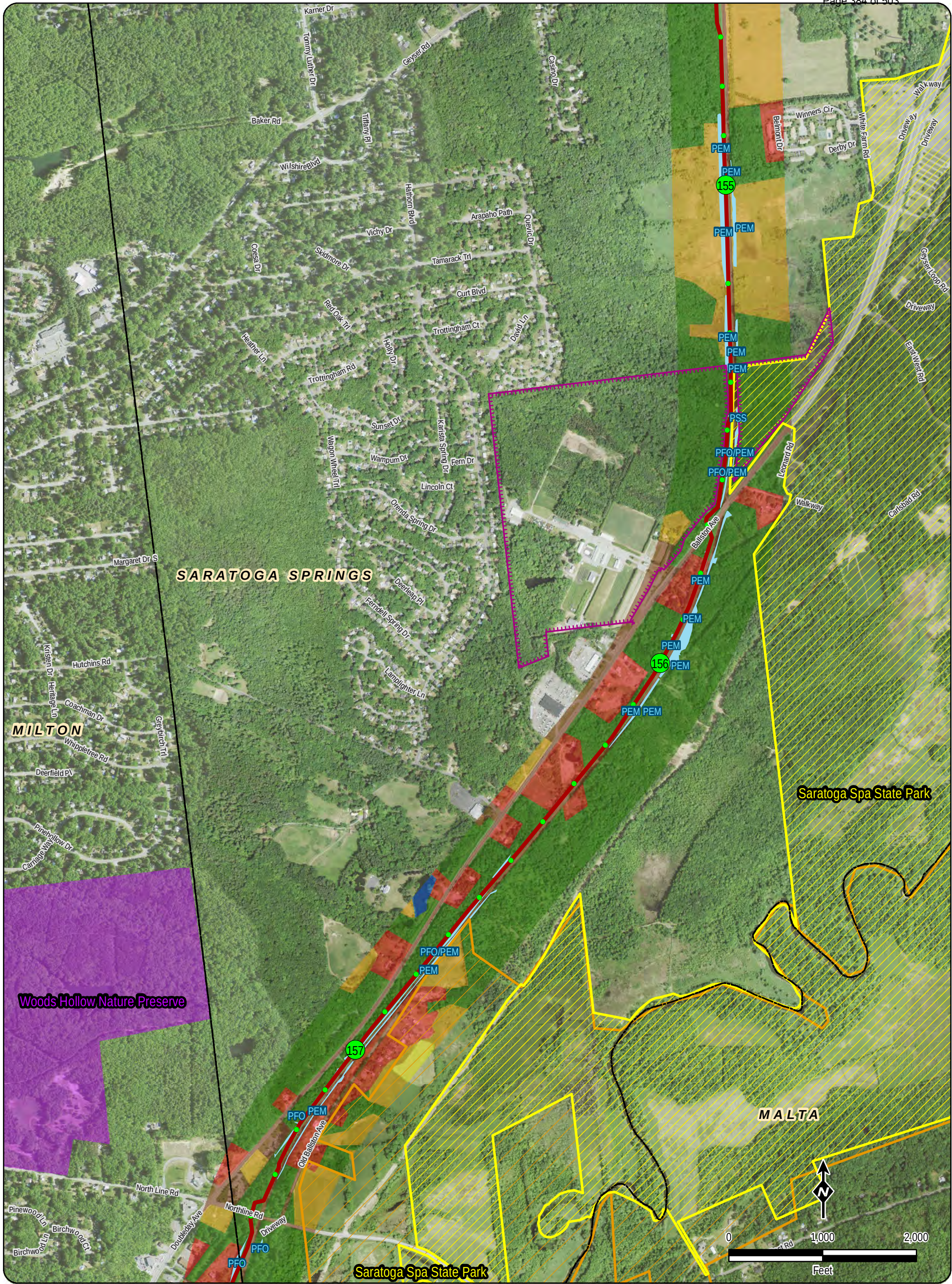
Village Name TOWN NAME Road Name

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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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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

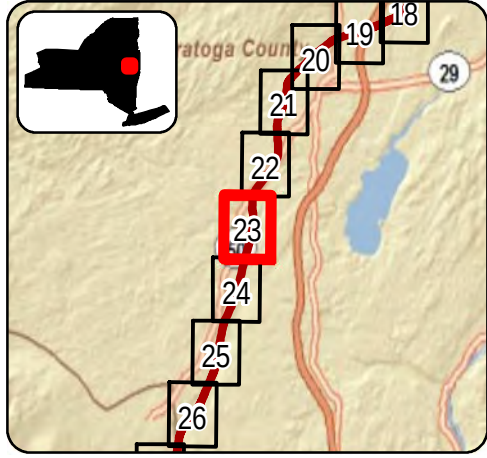
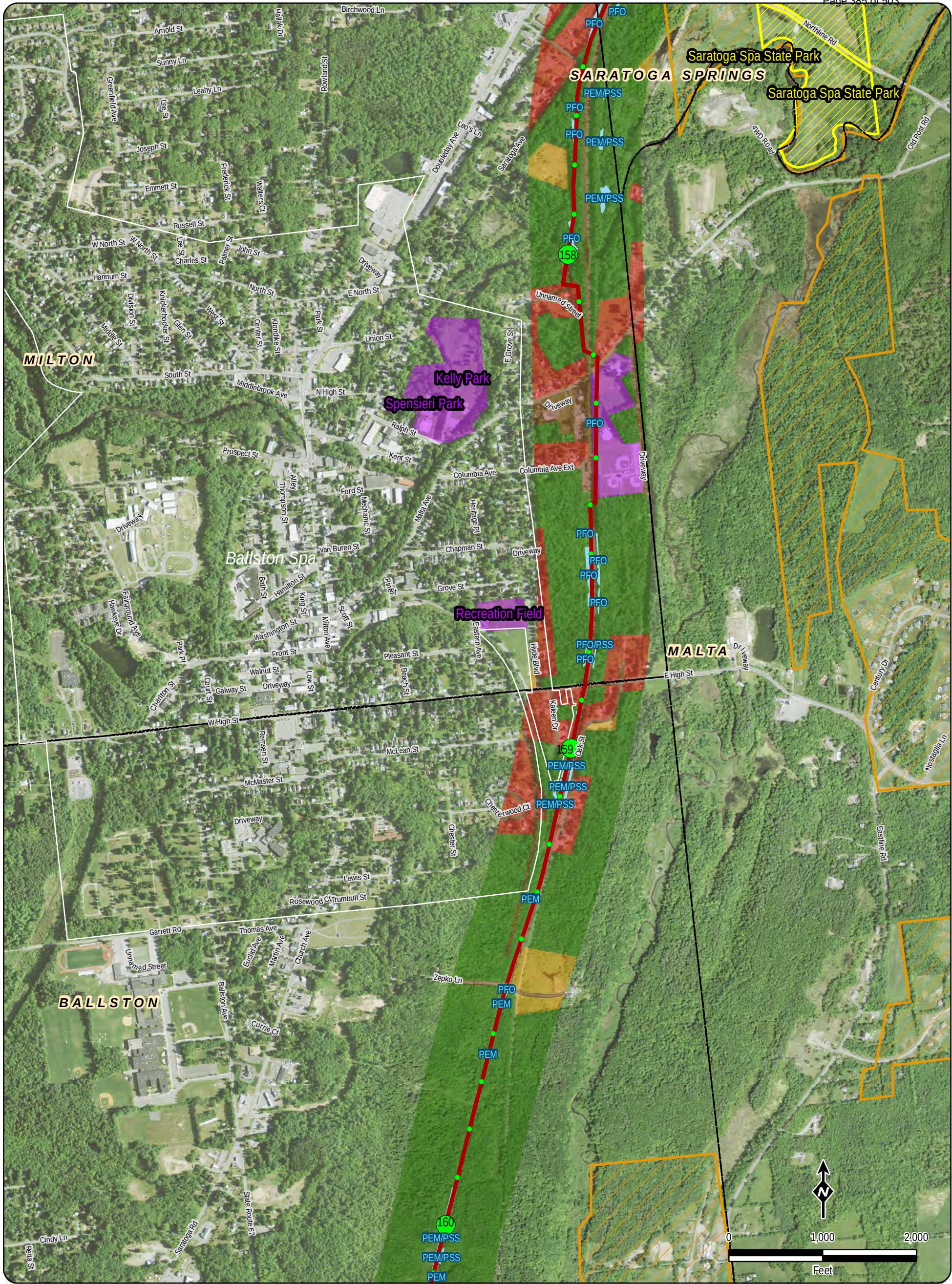
Village Name TOWN NAME Road Name

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 22 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

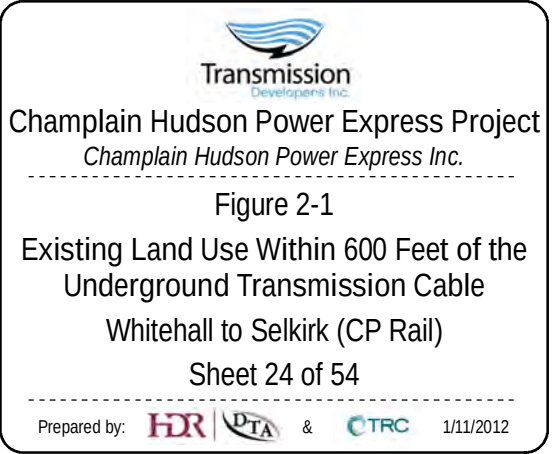
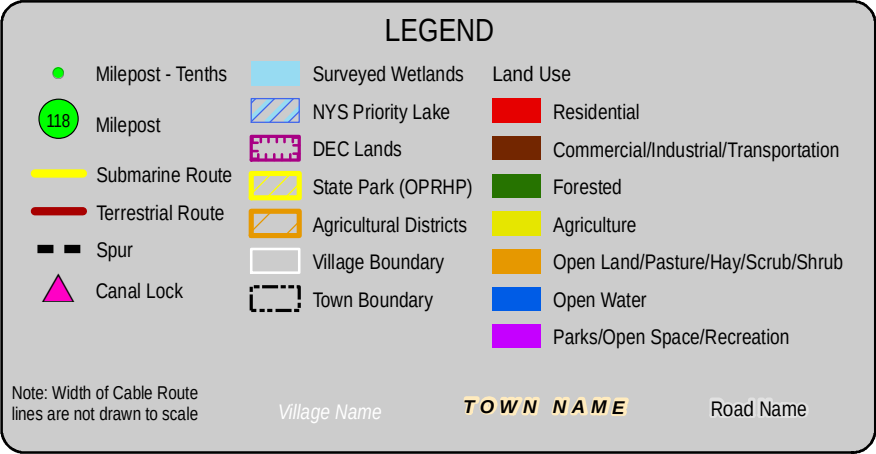
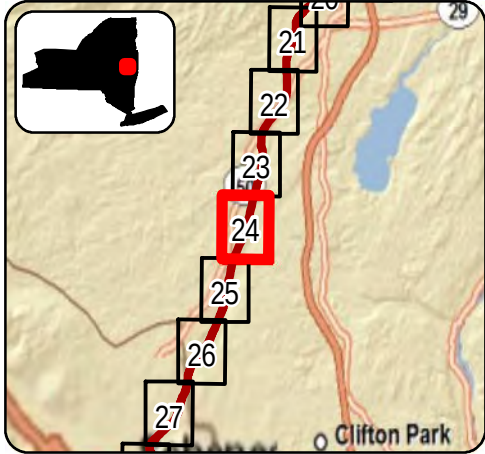
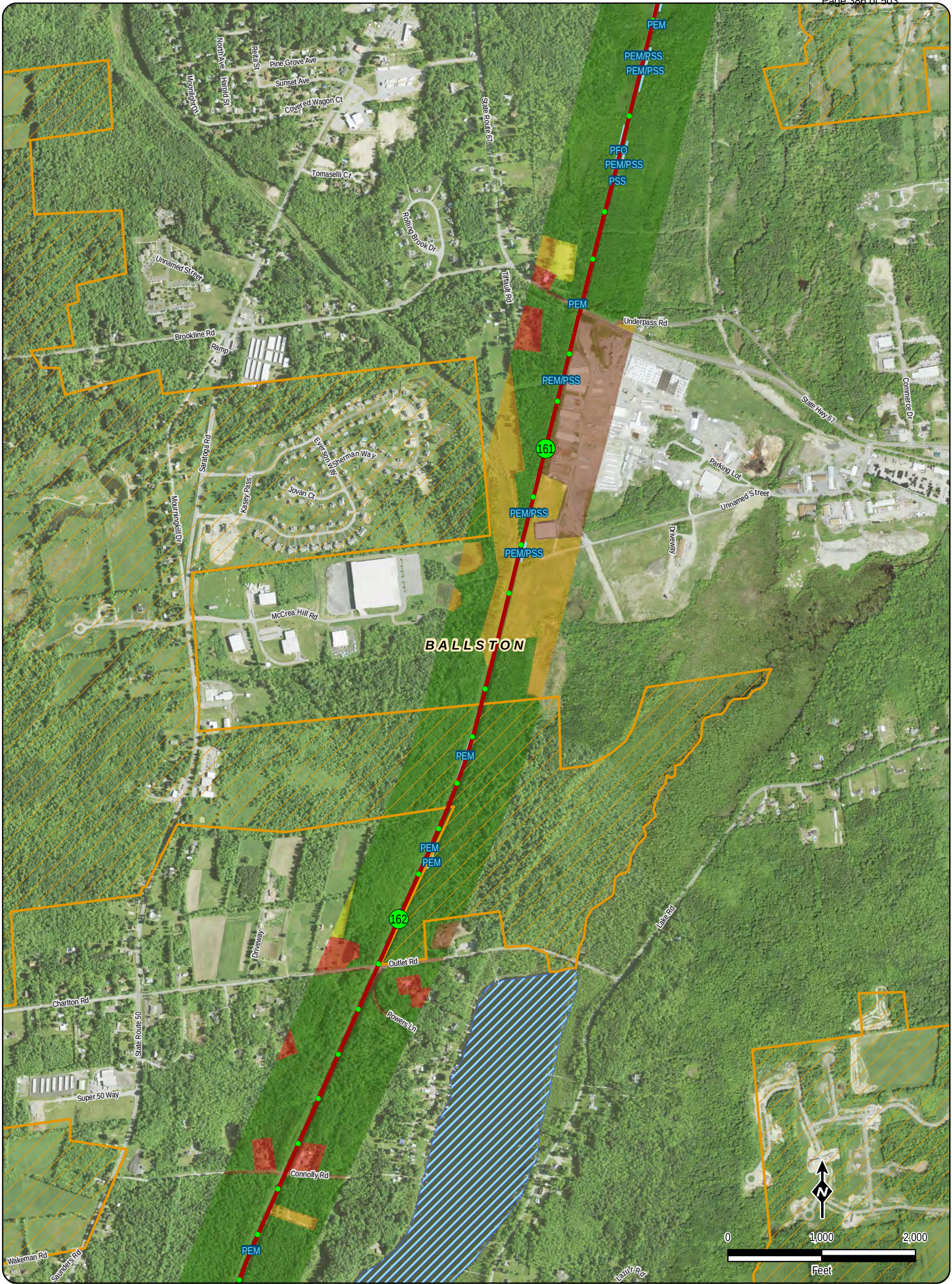
Village Name TOWN NAME Road Name

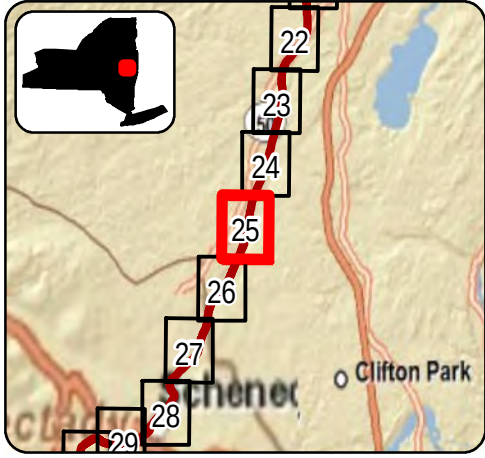
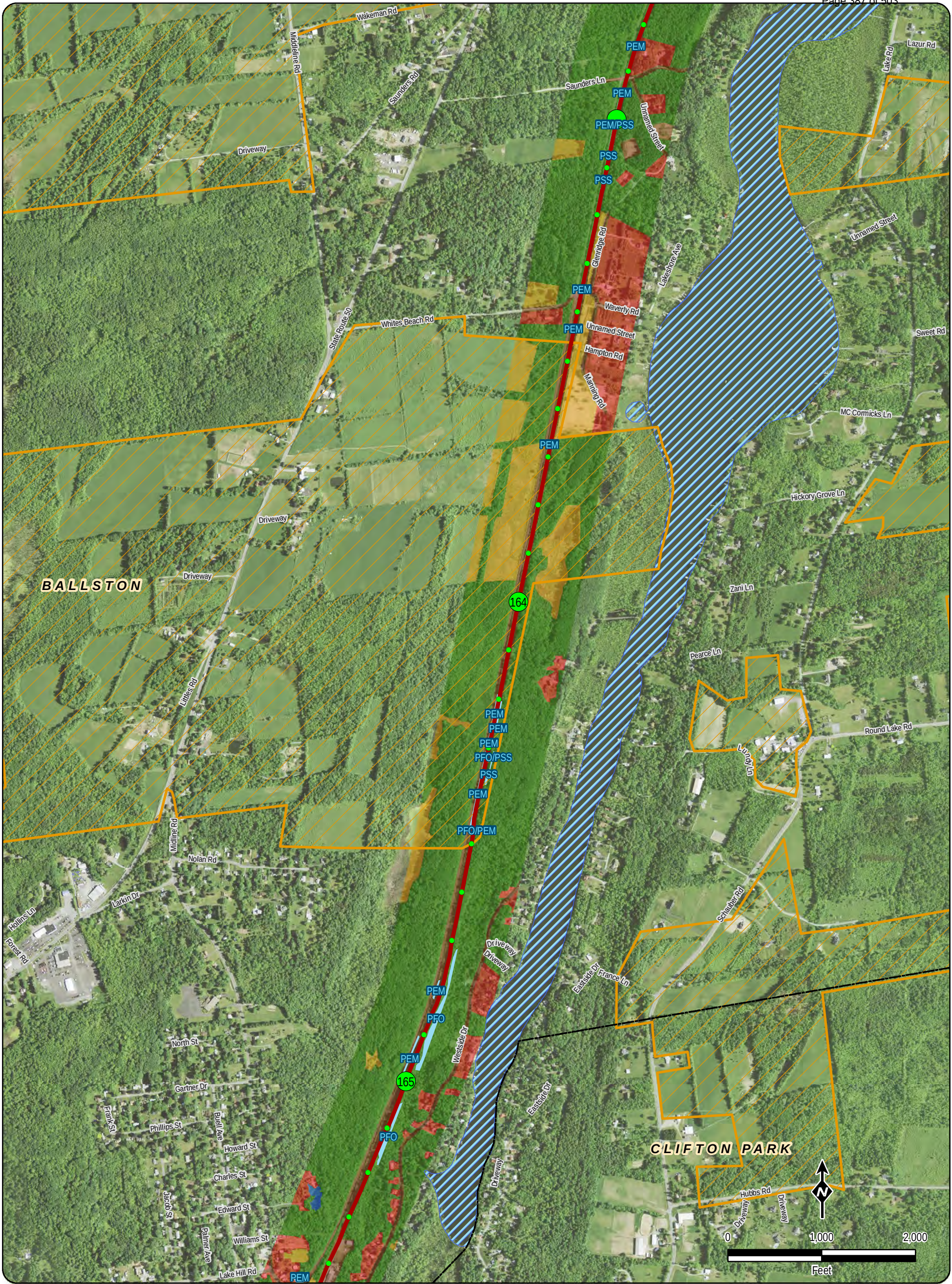
Transmission
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Figure 2-1
Existing Land Use Within 600 Feet of the
Underground Transmission Cable
Whitehall to Selkirk (CP Rail)
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Prepared by: **HDR** **DTA** & **CTRC** 1/11/2012





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

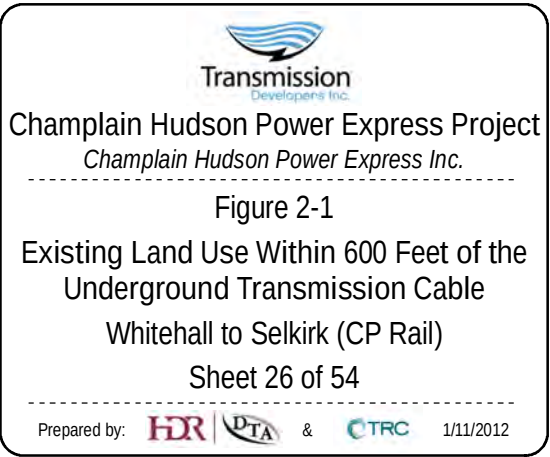
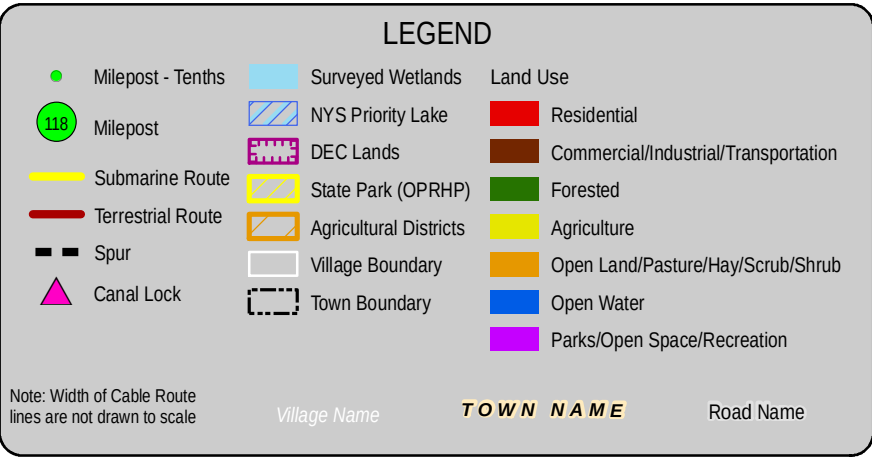
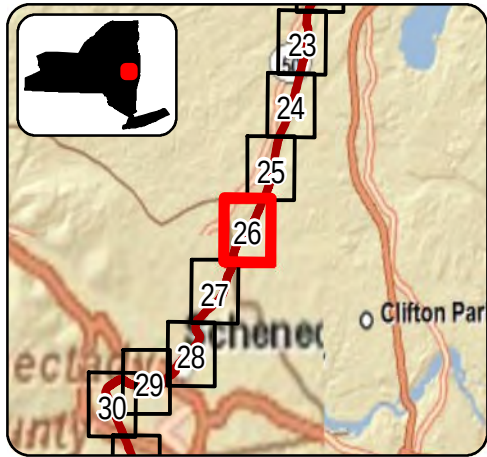
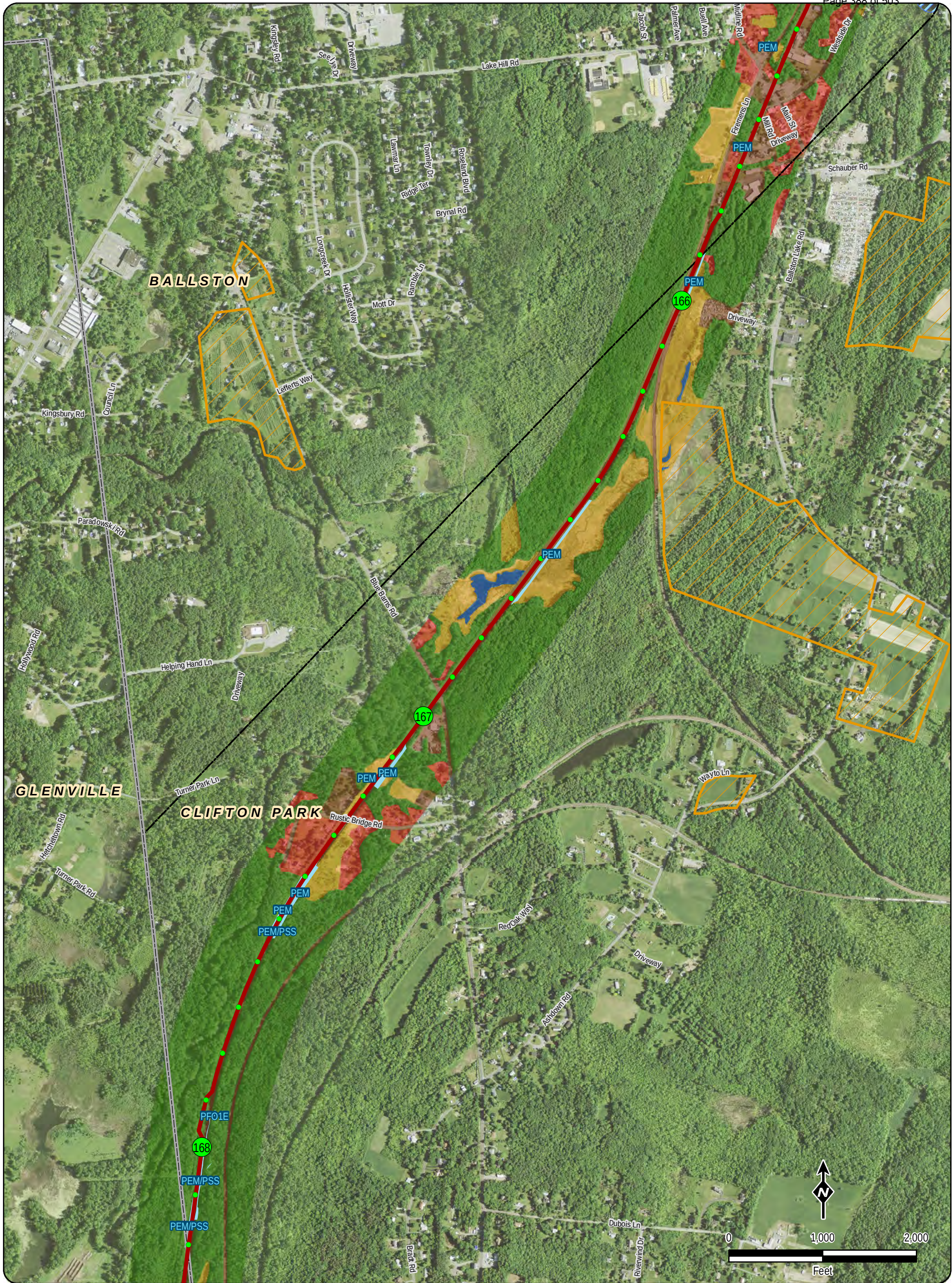
Village Name TOWN NAME Road Name

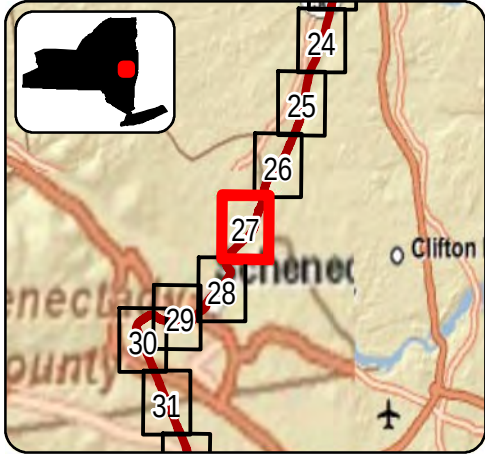
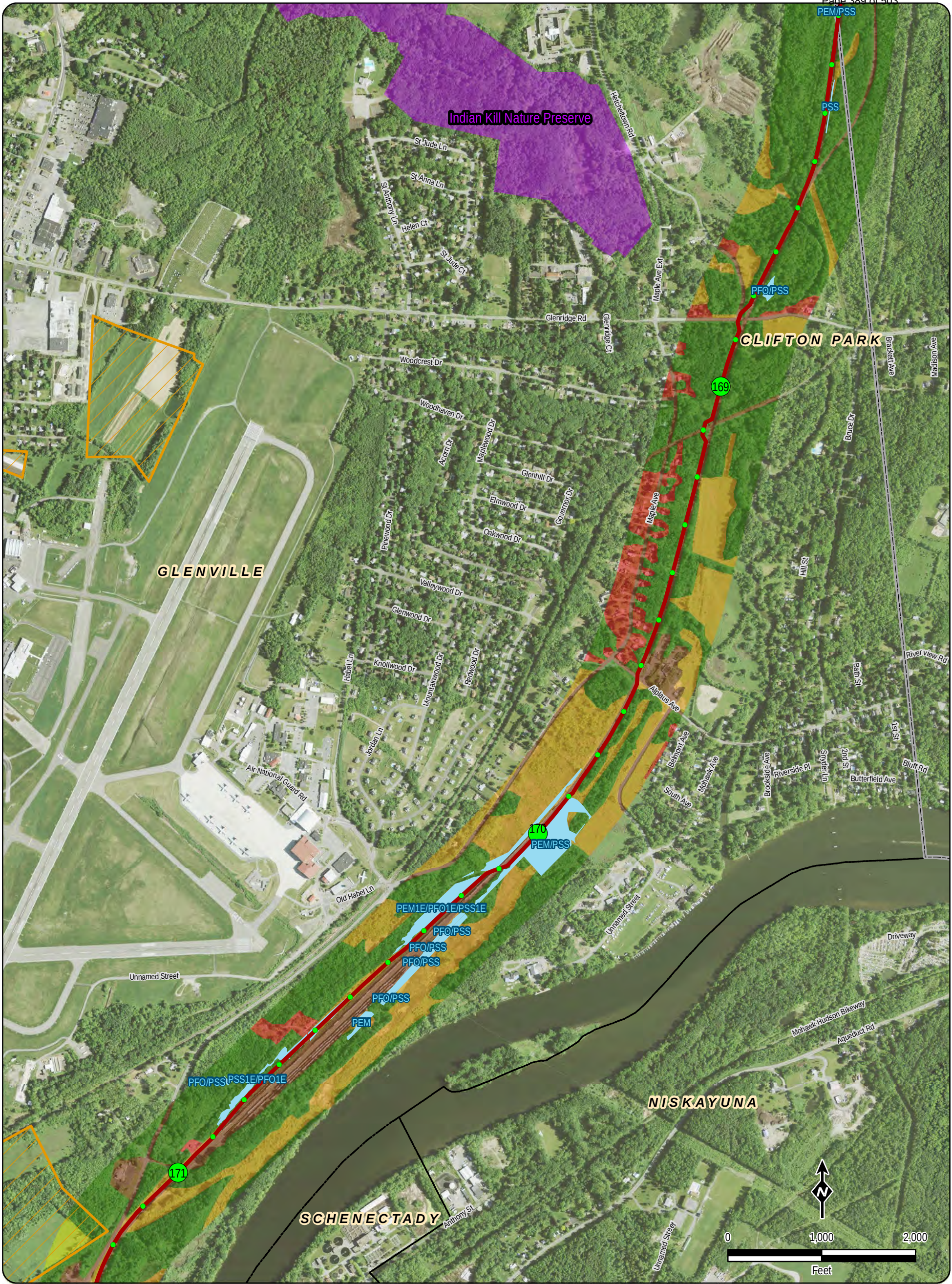
Transmission
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Champlain Hudson Power Express Project
Champlain Hudson Power Express Inc.

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

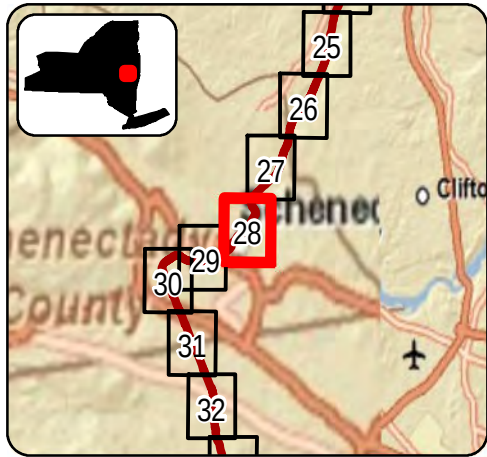
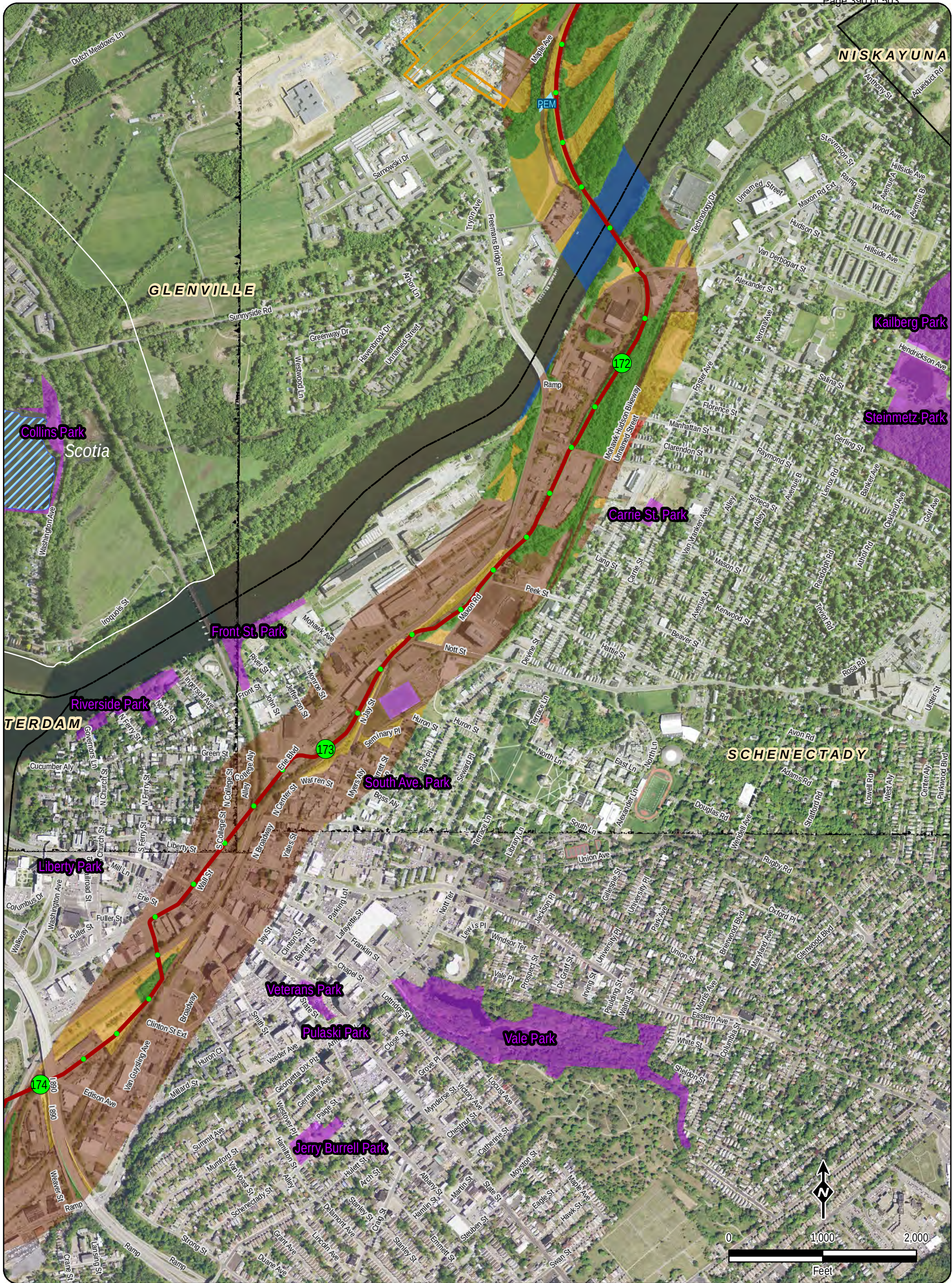
Village Name TOWN NAME Road Name

Transmission
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Champlain Hudson Power Express Project
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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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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

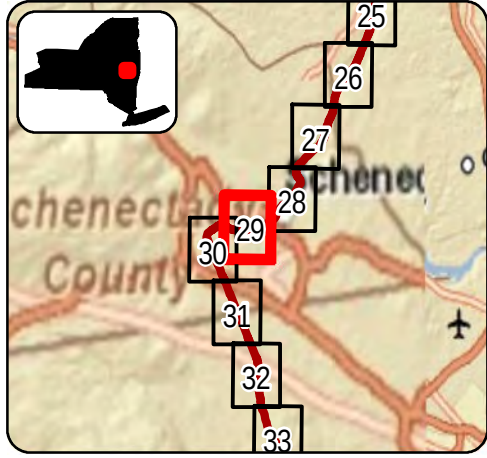
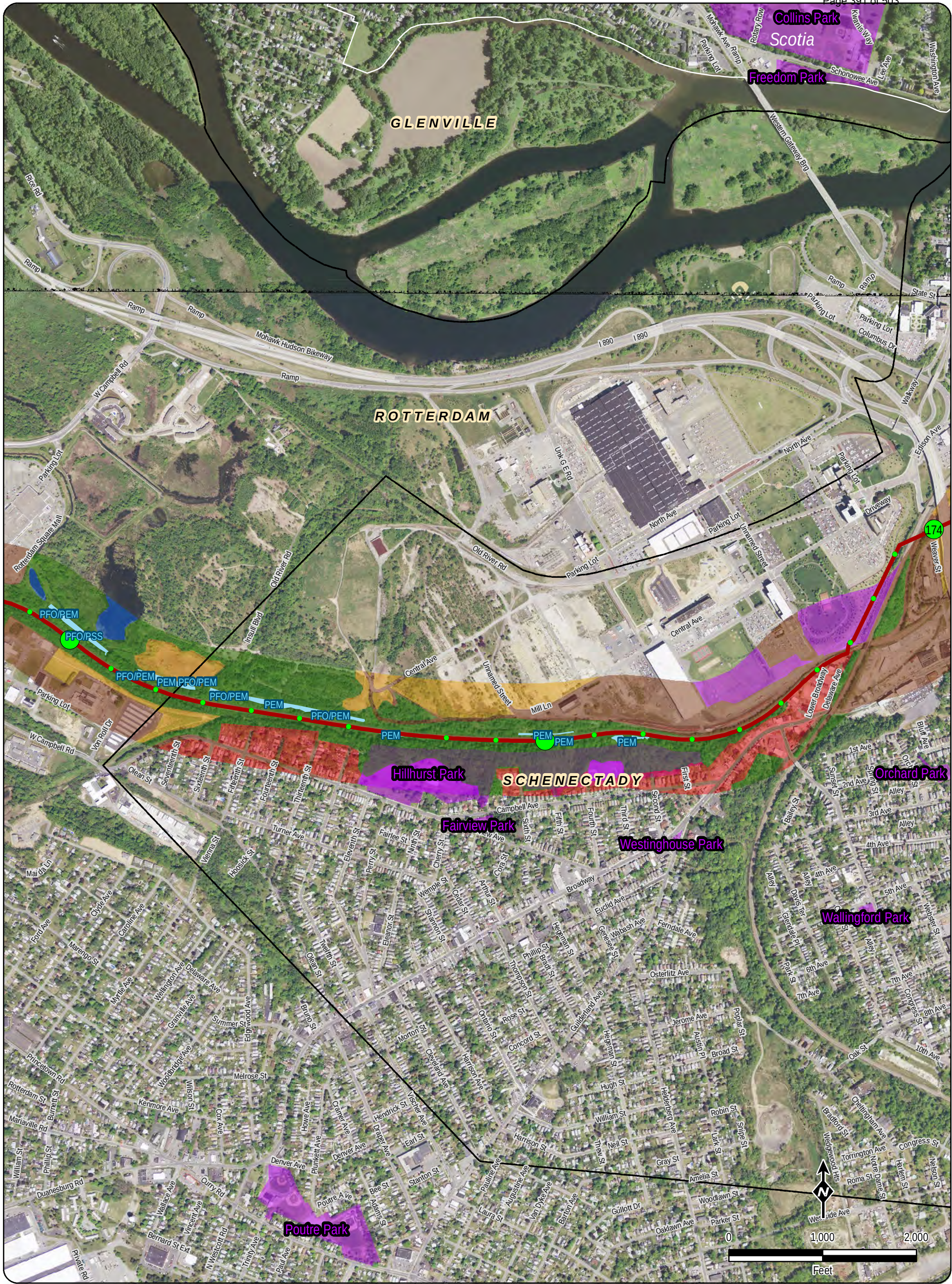
Village Name TOWN NAME Road Name

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)
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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
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

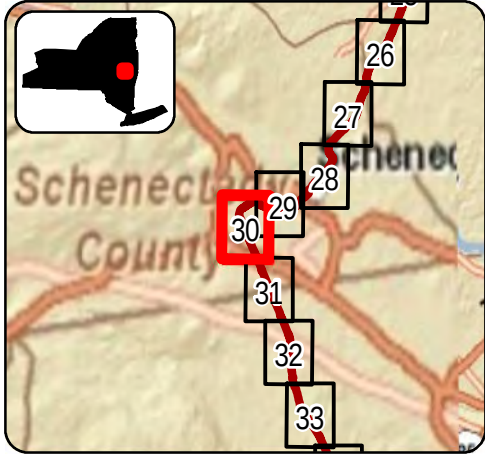
Village Name TOWN NAME Road Name

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

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