

DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland

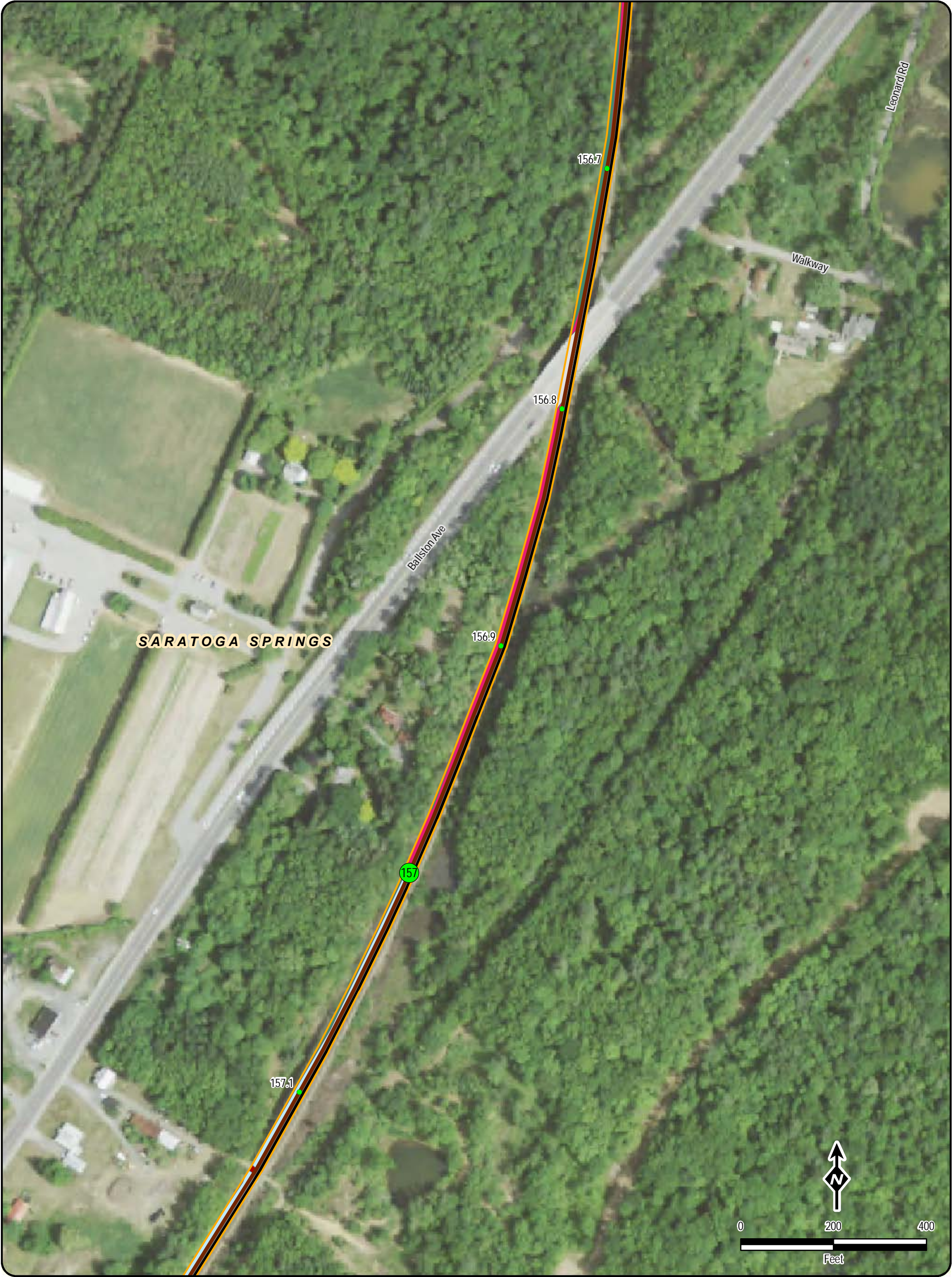
Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
Champlain Hudson Power Express Inc.

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
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Prepared by: HDR | UTA & CTRC 7/19/2010





DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
<i>TOWN NAME</i>	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 87 of 175

Prepared by: & 7/19/2010





DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

LEGEND

Underwater Route

CP/CSX Railroad ROW

Spur

Milepost

Canal Lock

Construction Corridor

TOWN NAME

Ecological Type

Appalachian Oak-Pine Forest

Beech-Maple Mesic Forest

Brushy Cleared Land

Construction/Road Maintenance Spoils

Crop Land/Field Crops

Hemlock-Northern Hardwood Forest

Herbicide-Sprayed Roadside/Pathway

Impounded Marsh

Junkyard

Mine Spoils

Mowed Lawn

Mowed Lawn with Trees

Mowed Roadside Pathway

Oak-Tulip Tree Forest

Paved Road/Path

Pine Plantation

Pine-Northern Hardwood Forest

Pitch Pine-Oak Forest

Railroad

River/Stream

Roadcut Cliff/Slope

Rock Quarry

Spruce/Fir Plantation

Successional Northern Hardwoods

Successional Old Field

Successional Shrubland

Successional Southern Hardwoods

Unpaved Road/Path

Wetland

Transmission  
Developers Inc.

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Champlain Hudson Power Express Inc.

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 88 of 175

Prepared by: HDR | DTA & CTRC 7/19/2010





DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor

*TOWN NAME*

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
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  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland

Transmission  
Developers Inc.

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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 89 of 175

Prepared by: & 7/19/2010





DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

LEGEND		
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CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
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Construction Corridor	Crop Land/Field Crops	River/Stream
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	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
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	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

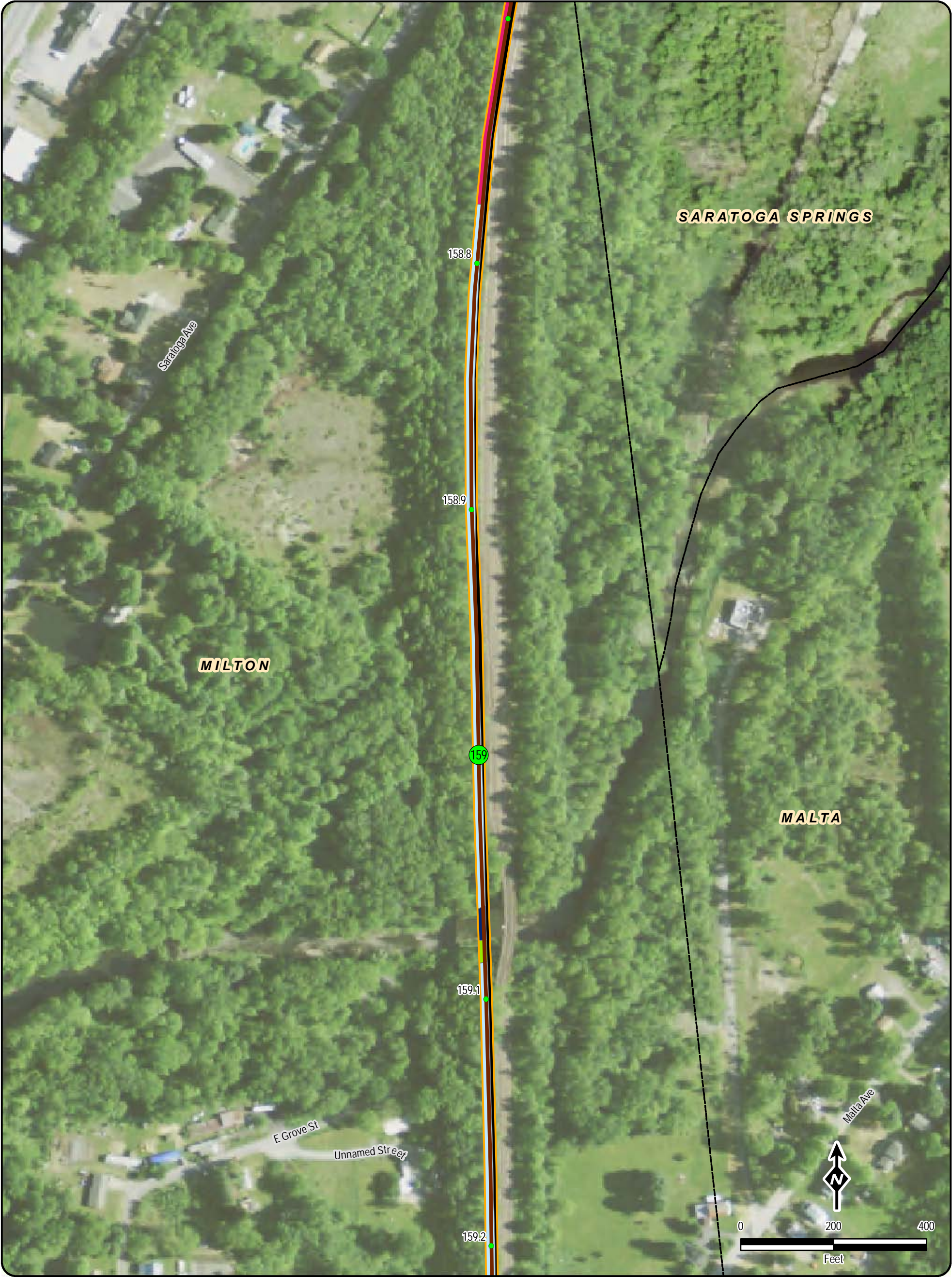
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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 90 of 175

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# LEGEND

Underwater Route
 CP/CSX Railroad ROW
 Spur
 Milepost
 Canal Lock
 Construction Corridor
 

TOWN NAME

## Ecological Type

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 Brushy Cleared Land
 Construction/Road Maintenance Spoils
 Crop Land/Field Crops
 Hemlock-Northern Hardwood Forest
 Herbicide-Sprayed Roadside/Pathway
 Impounded Marsh
 Junkyard
 Mine Spoils
 Mowed Lawn
 Mowed Lawn with Trees
 Mowed Roadside Pathway
 Oak-Tulip Tree Forest

Paved Road/Path
 Pine Plantation
 Pine-Northern Hardwood Forest
 Pitch Pine-Oak Forest
 Railroad
 River/Stream
 Roadcut Cliff/Slope
 Rock Quarry
 Spruce/Fir Plantation
 Successional Northern Hardwoods
 Successional Old Field
 Successional Shrubland
 Successional Southern Hardwoods
 Unpaved Road/Path
 Wetland

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1

Ecological Communities along the

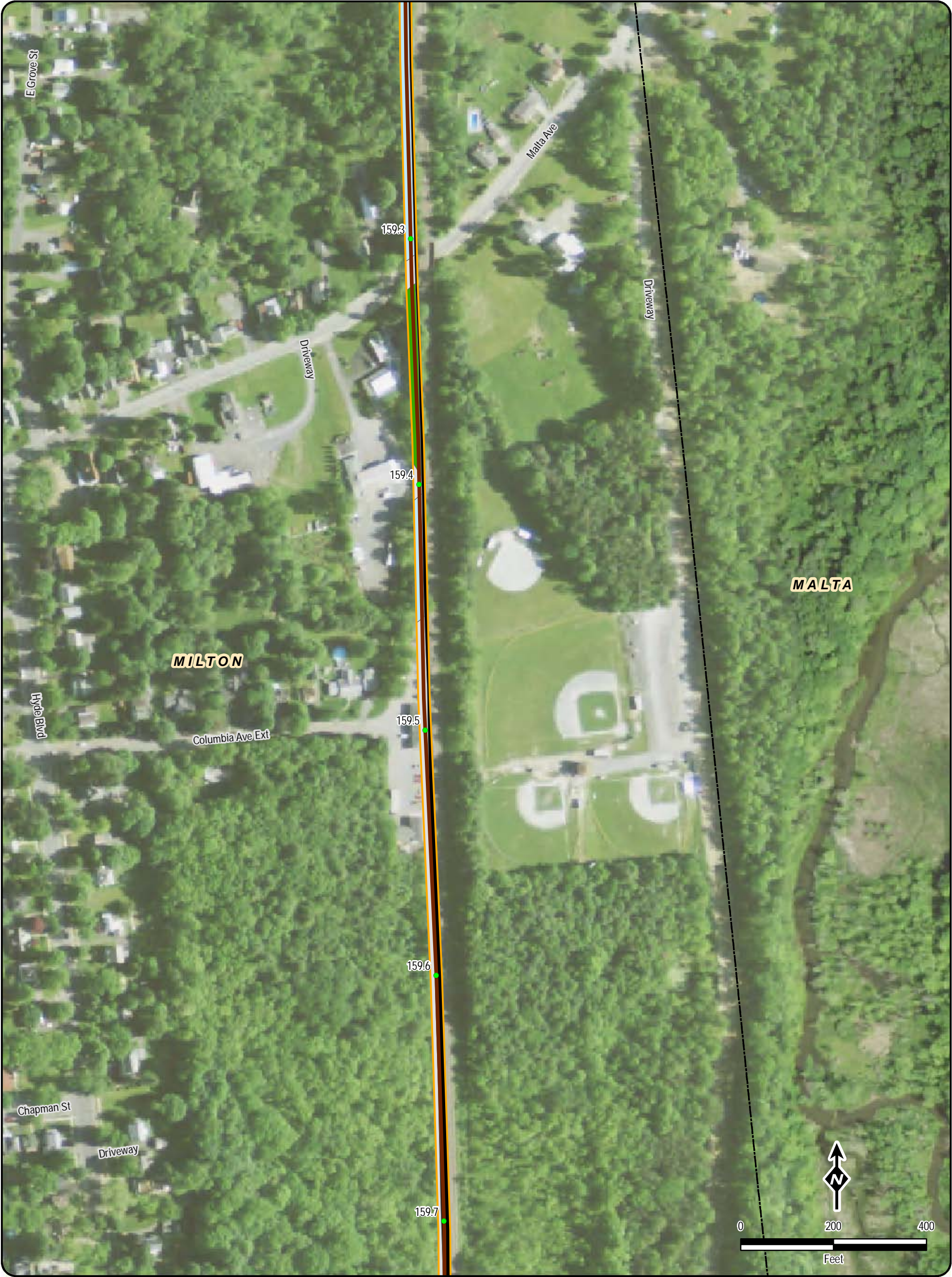
Underground Transmission

Cable Corridor

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DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

LEGEND

Underwater Route

CP/CSX Railroad ROW

Spur

Milepost

Canal Lock

Construction Corridor

TOWN NAME

Appalachian Oak-Pine Forest

Beech-Maple Mesic Forest

Brushy Cleared Land

Construction/Road Maintenance Spoils

Crop Land/Field Crops

Hemlock-Northern Hardwood Forest

Herbicide-Sprayed Roadside/Pathway

Impounded Marsh

Junkyard

Mine Spoils

Mowed Lawn

Mowed Lawn with Trees

Mowed Roadside Pathway

Oak-Tulip Tree Forest

Paved Road/Path

Pine Plantation

Pine-Northern Hardwood Forest

Pitch Pine-Oak Forest

Railroad

River/Stream

Roadcut Cliff/Slope

Rock Quarry

Spruce/Fir Plantation

Successional Northern Hardwoods

Successional Old Field

Successional Shrubland

Successional Southern Hardwoods

Unpaved Road/Path

Wetland

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1

Ecological Communities along the

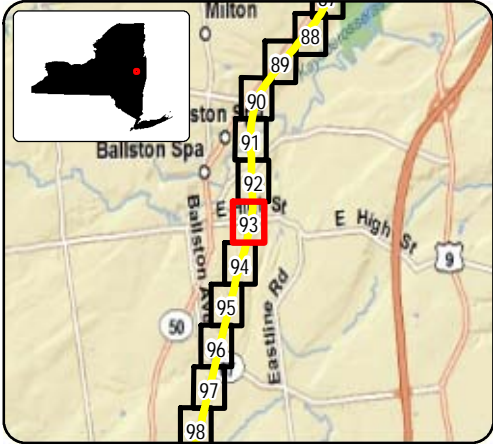
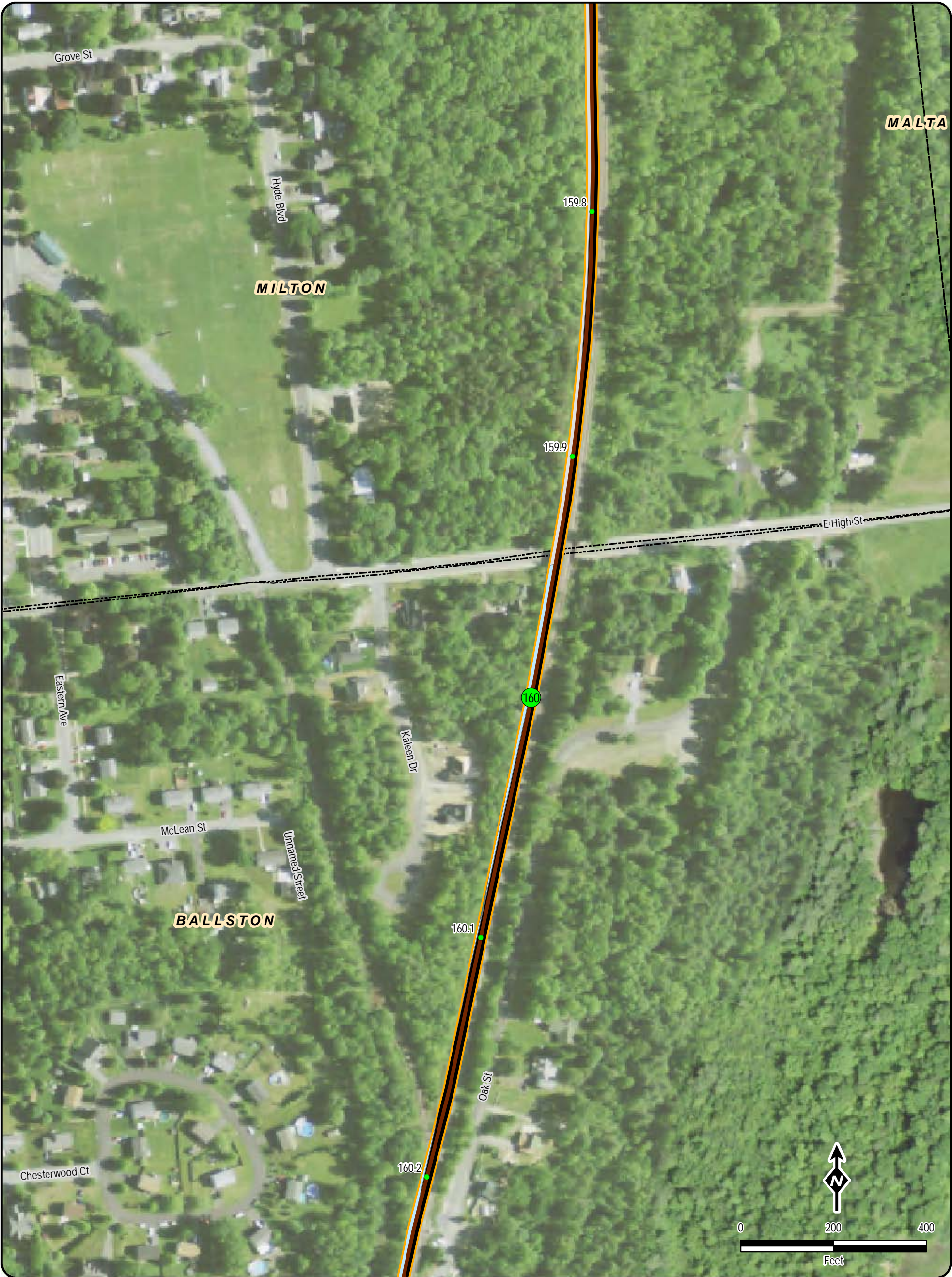
Underground Transmission

Cable Corridor

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DATA SOURCES: ESRI, NAIP, ORTHOPHOTOGRAPHY 2009, TDI, TRC

### LEGEND

Underwater Route

CP/CSX Railroad ROW

Spur

Milepost

Canal Lock

Construction Corridor

TOWN NAME

Ecological Type

Appalachian Oak-Pine Forest

Beech-Maple Mesic Forest

Brushy Cleared Land

Construction/Road Maintenance Spoils

Crop Land/Field Crops

Hemlock-Northern Hardwood Forest

Herbicide-Sprayed Roadside/Pathway

Impounded Marsh

Junkyard

Mine Spoils

Mowed Lawn

Mowed Lawn with Trees

Mowed Roadside Pathway

Oak-Tulip Tree Forest

Paved Road/Path

Pine Plantation

Pine-Northern Hardwood Forest

Pitch Pine-Oak Forest

Railroad

River/Stream

Roadcut Cliff/Slope

Rock Quarry

Spruce/Fir Plantation

Successional Northern Hardwoods

Successional Old Field

Successional Shrubland

Successional Southern Hardwoods

Unpaved Road/Path

Wetland

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1

Ecological Communities along the

Underground Transmission

Cable Corridor

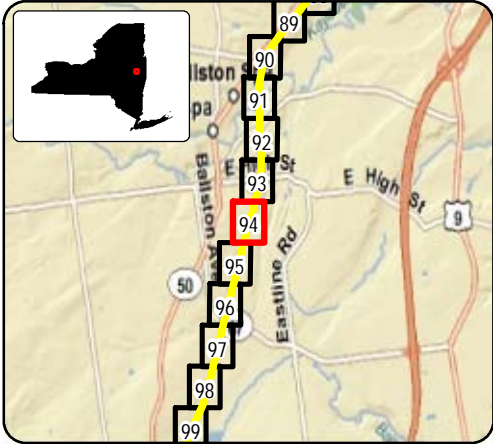
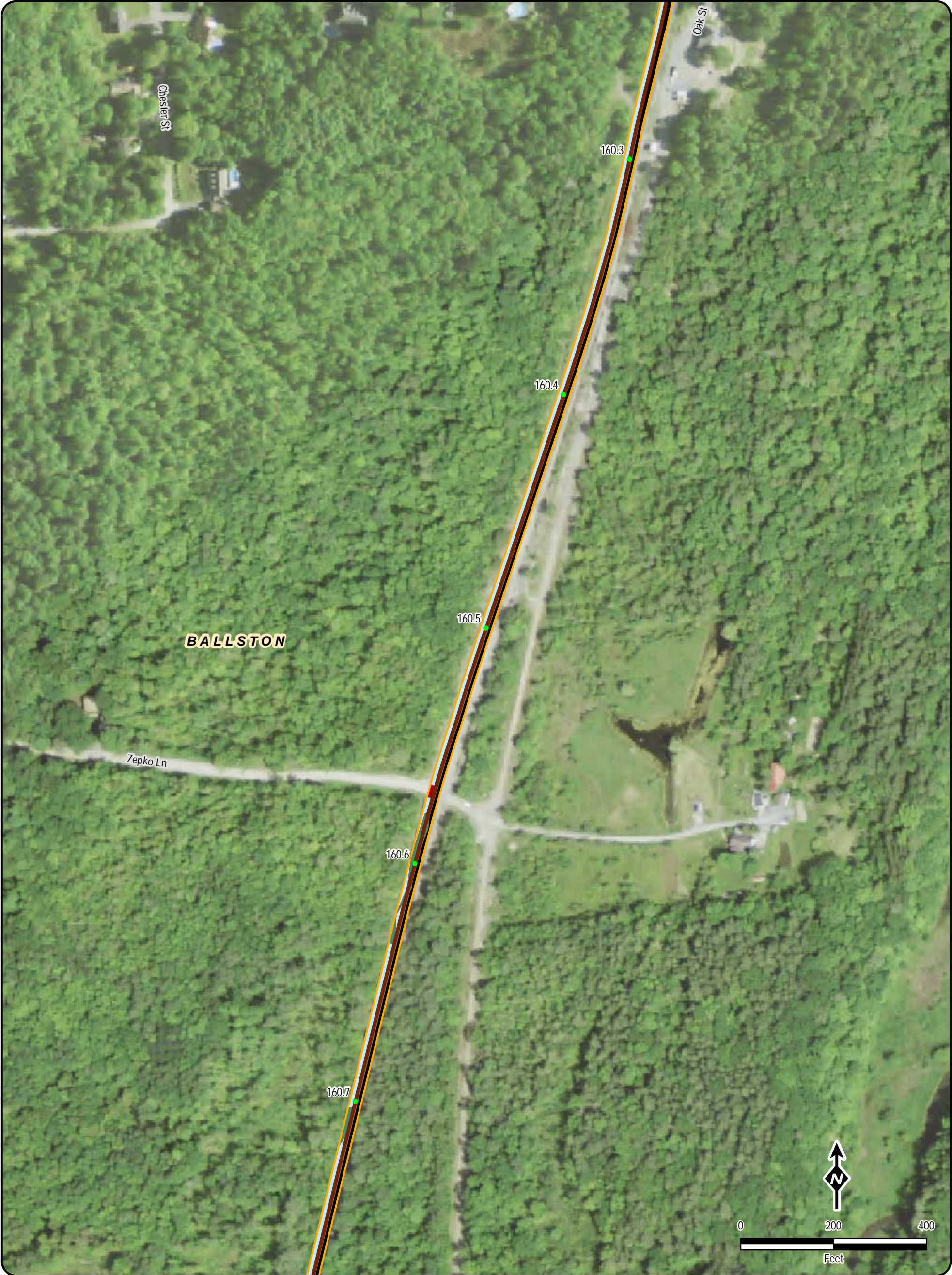
Sheet 93 of 175

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# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland

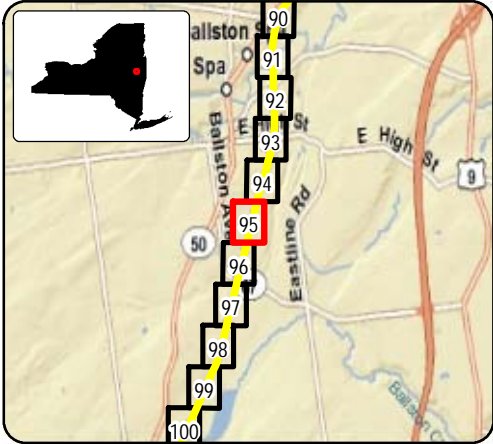
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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
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LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
<i>TOWN NAME</i>	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

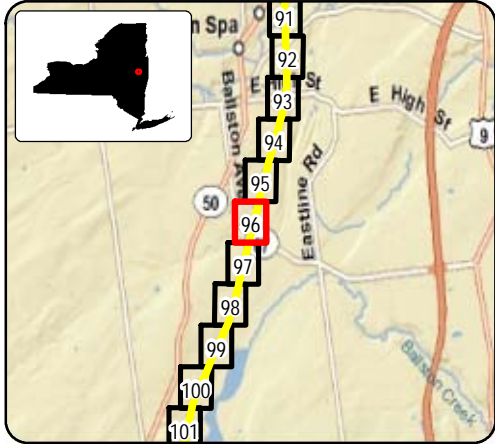
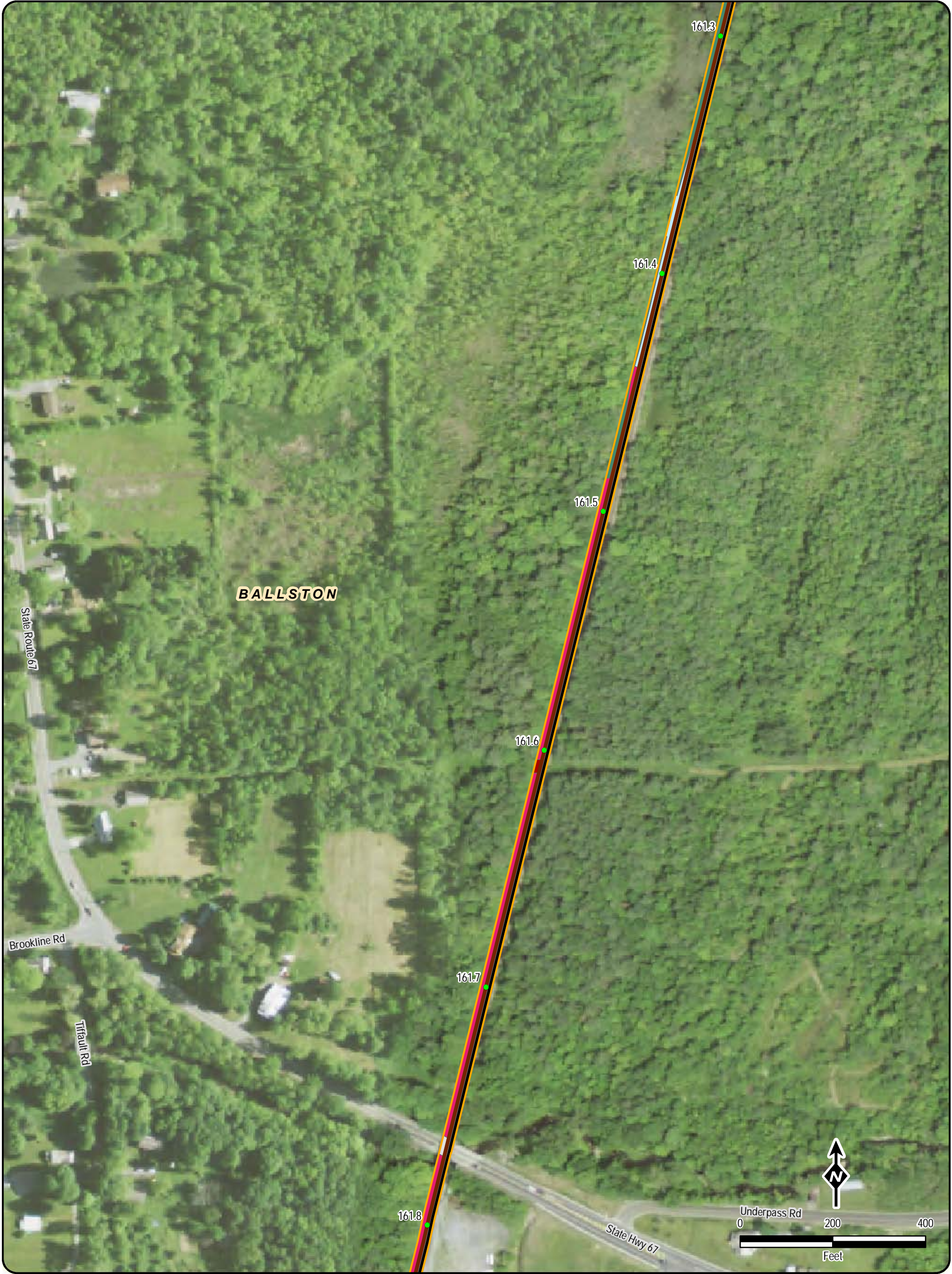
Transmission  
Developers Inc.

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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 95 of 175

Prepared by: & 7/19/2010





DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland

Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
*Champlain Hudson Power Express Inc.*

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
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# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

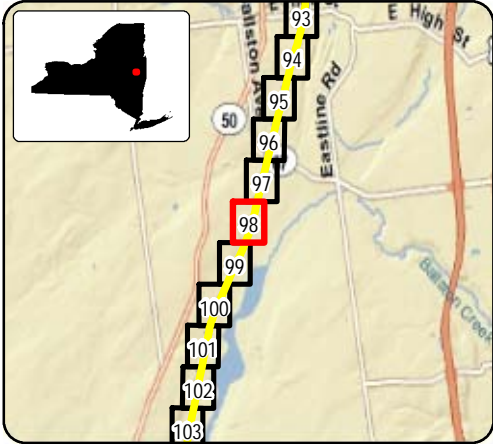
 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
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  Successional Old Field
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  Unpaved Road/Path
  Wetland

Champlain Hudson Power Express Project  
Champlain Hudson Power Express Inc.

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
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LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
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	Mine Spoils	Successional Old Field
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	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

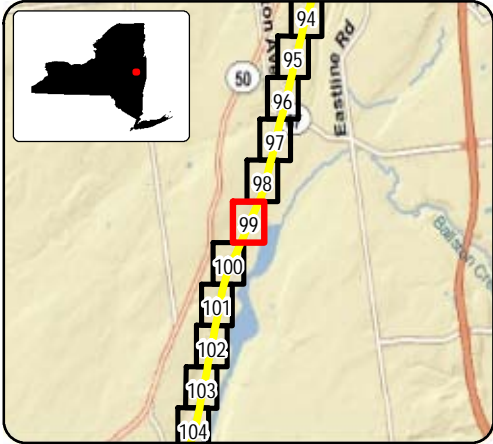
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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 98 of 175

Prepared by: & 7/19/2010





LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
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Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
*Champlain Hudson Power Express Inc.*

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
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LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
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Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1

Ecological Communities along the

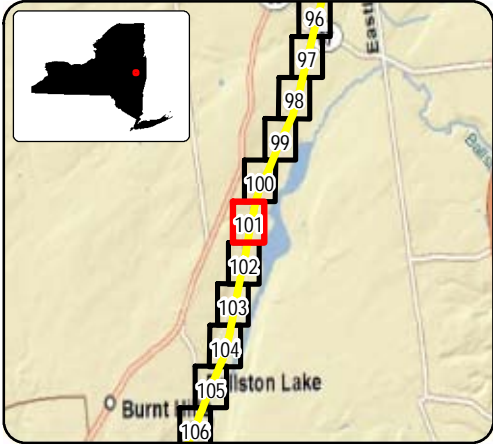
Underground Transmission

Cable Corridor

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# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

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Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1

Ecological Communities along the

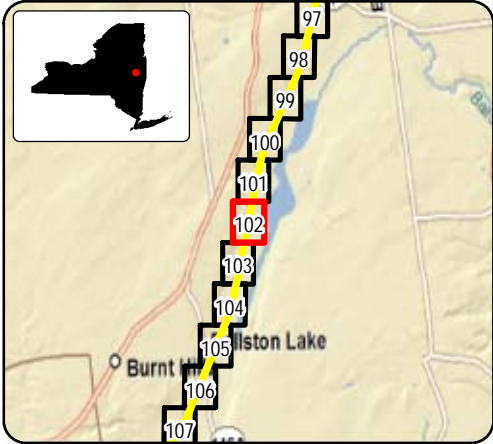
Underground Transmission

Cable Corridor

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Prepared by: HDR | VTA & CTRC 7/19/2010





# LEGEND

Underwater Route
 CP/CSX Railroad ROW
 Spur
 Milepost
 Canal Lock
 Construction Corridor

*TOWN NAME*

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 Mowed Lawn with Trees
 Mowed Roadside Pathway
 Oak-Tulip Tree Forest

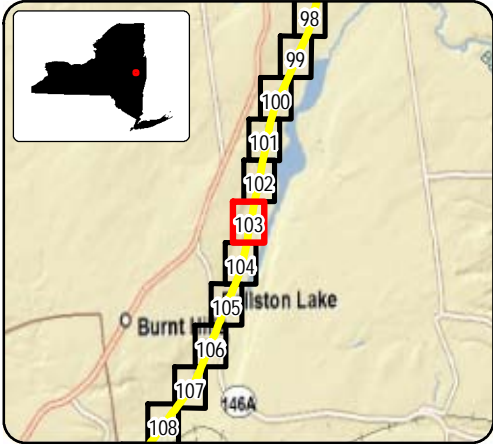
Paved Road/Path
 Pine Plantation
 Pine-Northern Hardwood Forest
 Pitch Pine-Oak Forest
 Railroad
 River/Stream
 Roadcut Cliff/Slope
 Rock Quarry
 Spruce/Fir Plantation
 Successional Northern Hardwoods
 Successional Old Field
 Successional Shrubland
 Successional Southern Hardwoods
 Unpaved Road/Path
 Wetland

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Champlain Hudson Power Express Inc.

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 102 of 175

Prepared by: & 7/19/2010





# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

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Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1

Ecological Communities along the

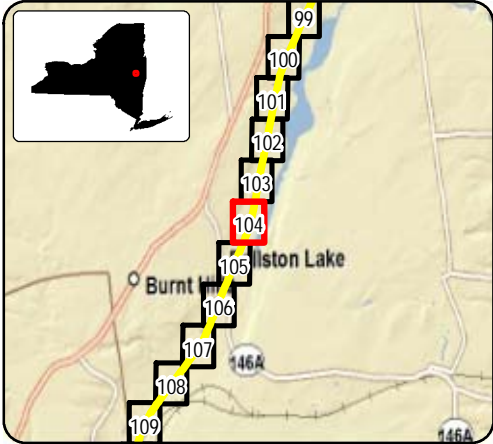
Underground Transmission

Cable Corridor

Sheet 103 of 175

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DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

# LEGEND

 Underwater Route  
 CP/CSX Railroad ROW  
 Spur  
 Milepost  
 Canal Lock  
 Construction Corridor  

TOWN NAME

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 Appalachian Oak-Pine Forest  
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 Crop Land/Field Crops  
 Hemlock-Northern Hardwood Forest  
 Herbicide-Sprayed Roadside/Pathway  
 Impounded Marsh  
 Junkyard  
 Mine Spoils  
 Mowed Lawn  
 Mowed Lawn with Trees  
 Mowed Roadside Pathway  
 Oak-Tulip Tree Forest

 Paved Road/Path  
 Pine Plantation  
 Pine-Northern Hardwood Forest  
 Pitch Pine-Oak Forest  
 Railroad  
 River/Stream  
 Roadcut Cliff/Slope  
 Rock Quarry  
 Spruce/Fir Plantation  
 Successional Northern Hardwoods  
 Successional Old Field  
 Successional Shrubland  
 Successional Southern Hardwoods  
 Unpaved Road/Path  
 Wetland

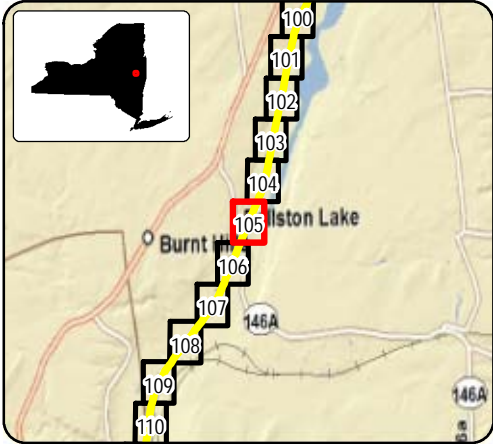
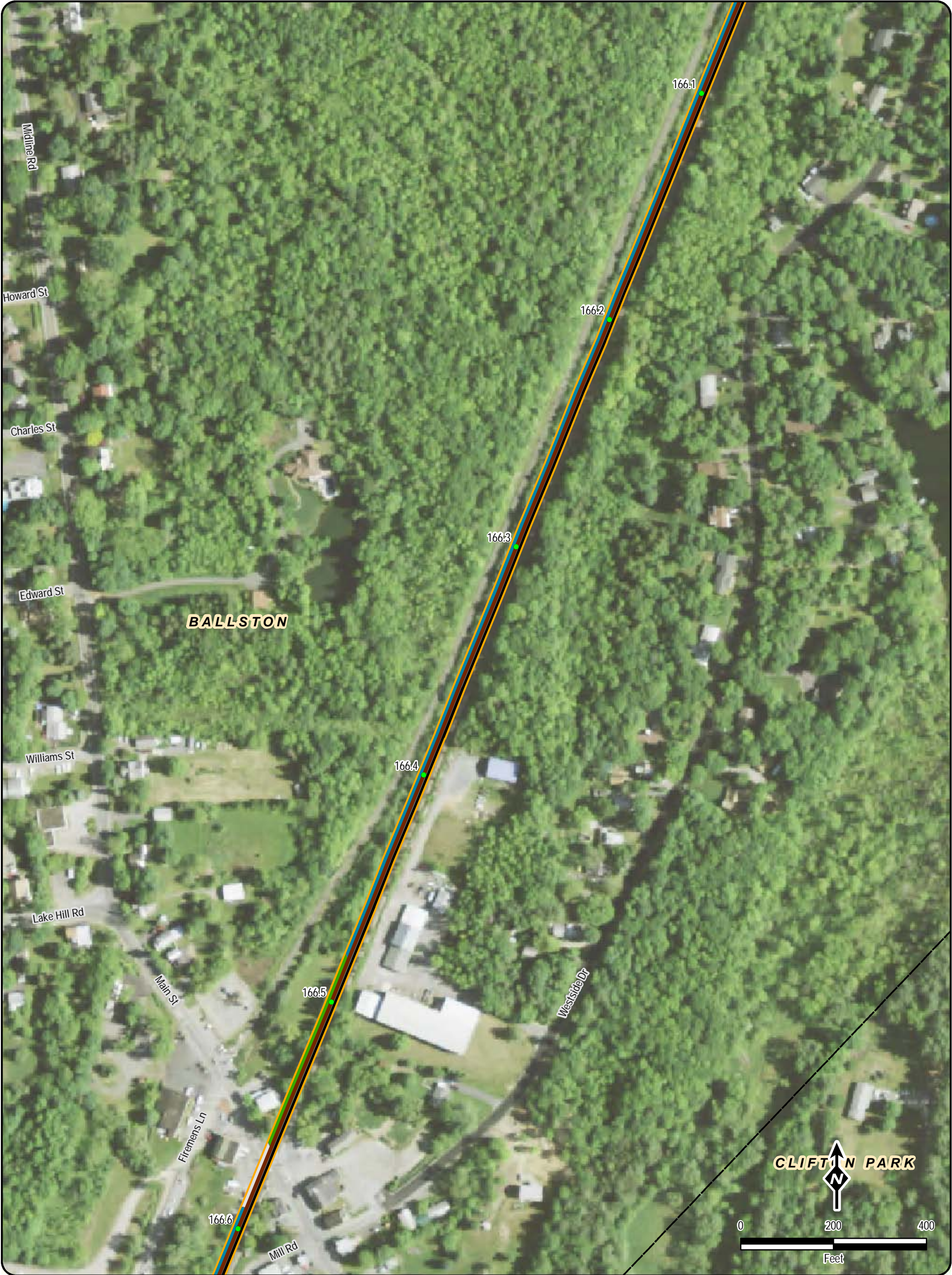
Transmission  
Developers Inc.

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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 104 of 175

Prepared by: & 7/19/2010





# LEGEND

Underwater Route
 CP/CSX Railroad ROW
 Spur
 Milepost
 Canal Lock
 Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
 Beech-Maple Mesic Forest
 Brushy Cleared Land
 Construction/Road Maintenance Spoils
 Crop Land/Field Crops
 Hemlock-Northern Hardwood Forest
 Herbicide-Sprayed Roadside/Pathway
 Impounded Marsh
 Junkyard
 Mine Spoils
 Mowed Lawn
 Mowed Lawn with Trees
 Mowed Roadside Pathway
 Oak-Tulip Tree Forest

Paved Road/Path
 Pine Plantation
 Pine-Northern Hardwood Forest
 Pitch Pine-Oak Forest
 Railroad
 River/Stream
 Roadcut Cliff/Slope
 Rock Quarry
 Spruce/Fir Plantation
 Successional Northern Hardwoods
 Successional Old Field
 Successional Shrubland
 Successional Southern Hardwoods
 Unpaved Road/Path
 Wetland

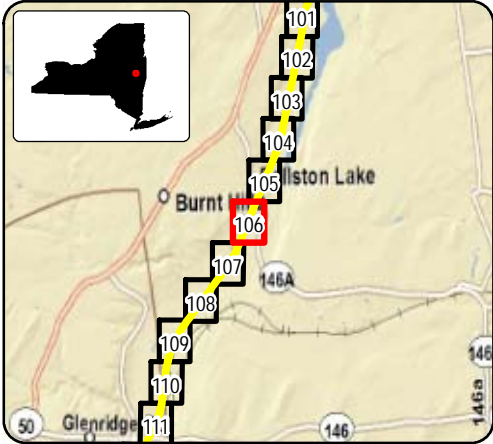
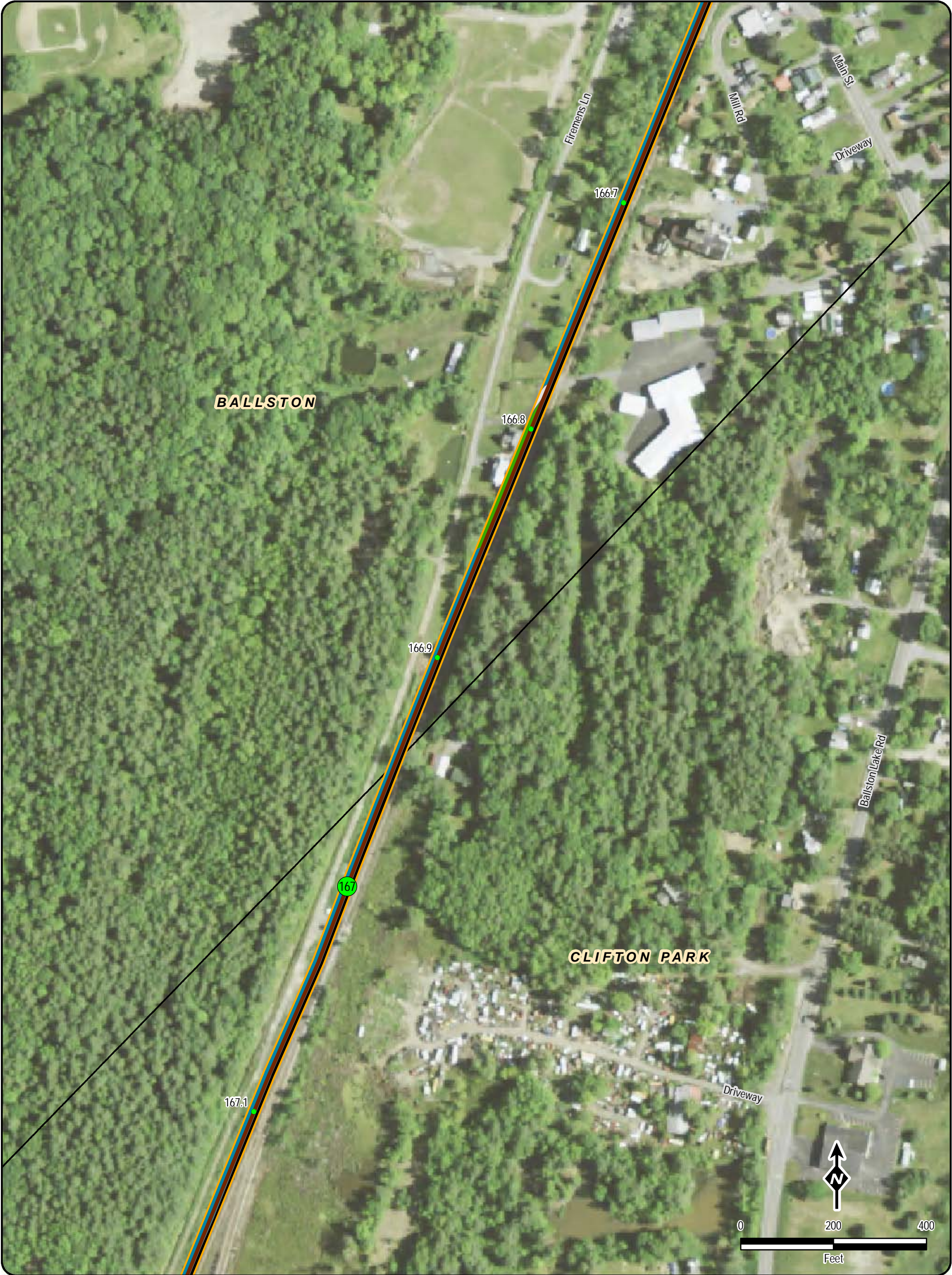
Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 105 of 175

Prepared by: & 7/19/2010





DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland

Transmission  
Developers Inc.

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Champlain Hudson Power Express Inc.

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 106 of 175

Prepared by: HDR | VTA & CTRC 7/19/2010





DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland

Transmission  
Developers Inc.

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1

Ecological Communities along the

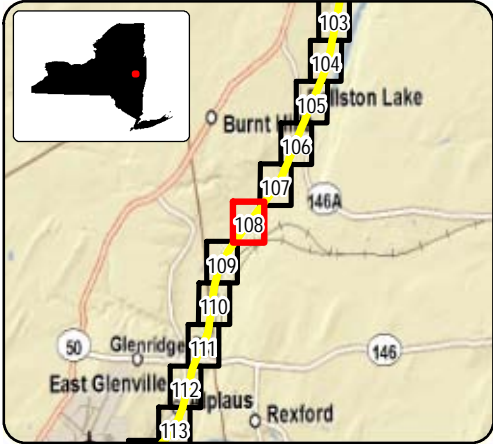
Underground Transmission

Cable Corridor

Sheet 107 of 175

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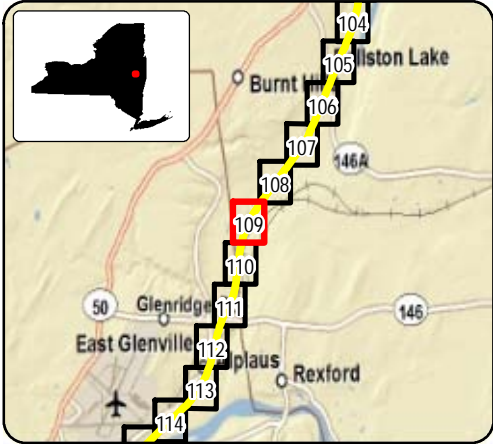
LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
TOWN NAME	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

Champlain Hudson Power Express Project  
Champlain Hudson Power Express Inc.

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
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Prepared by: & 7/19/2010





# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland

Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
*Champlain Hudson Power Express Inc.*

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 109 of 175

Prepared by: & 7/19/2010





DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
<i>TOWN NAME</i>	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

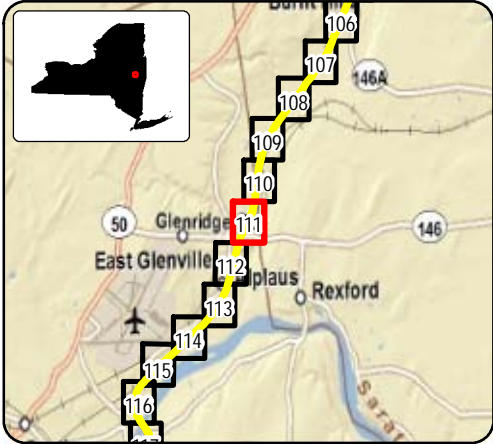
Transmission  
Developers Inc.

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*Champlain Hudson Power Express Inc.*

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 110 of 175

Prepared by: & 7/19/2010





DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
TOWN NAME	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

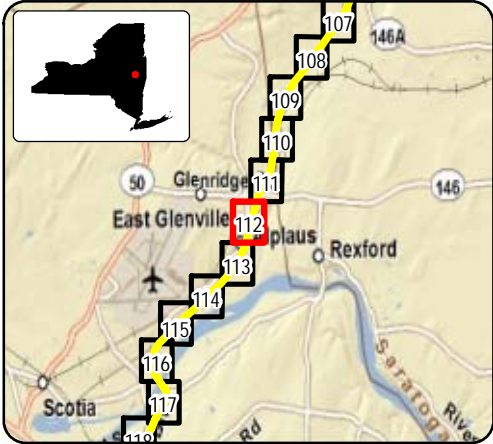
Transmission  
Developers Inc.

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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
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DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
TOWN NAME	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

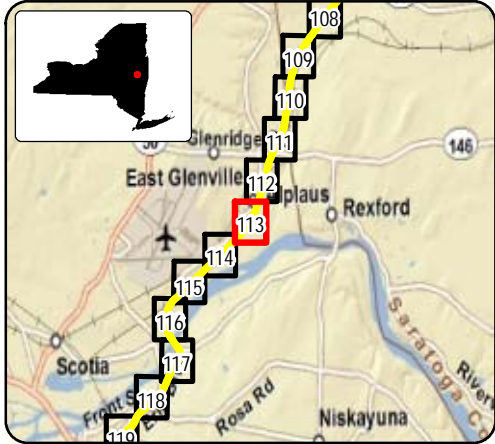
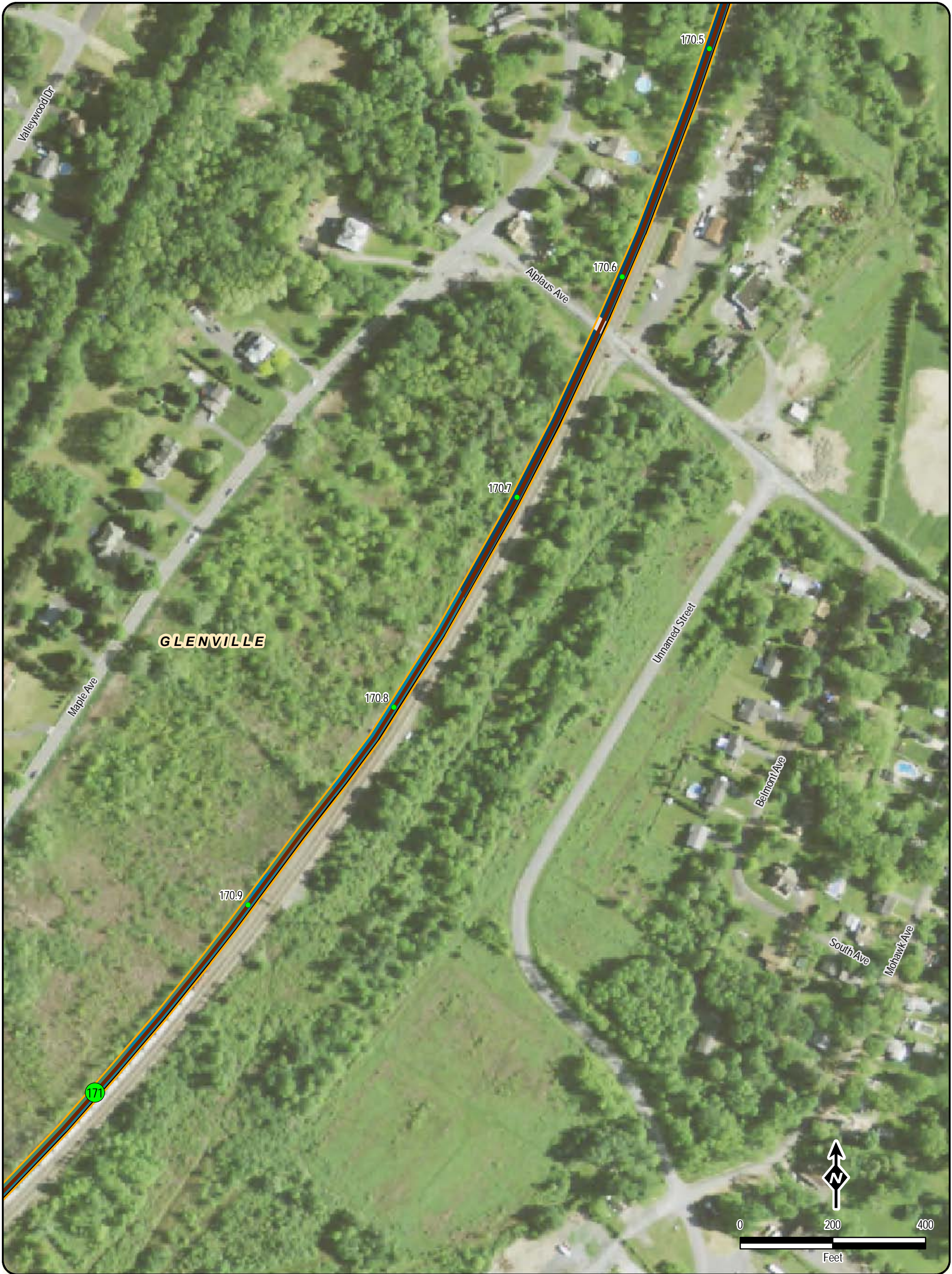
Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
*Champlain Hudson Power Express Inc.*

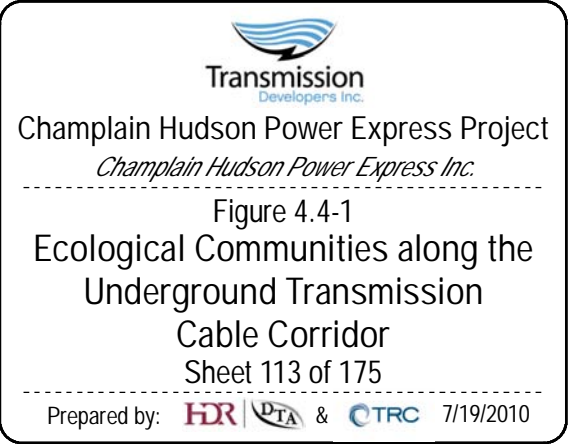
Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 112 of 175

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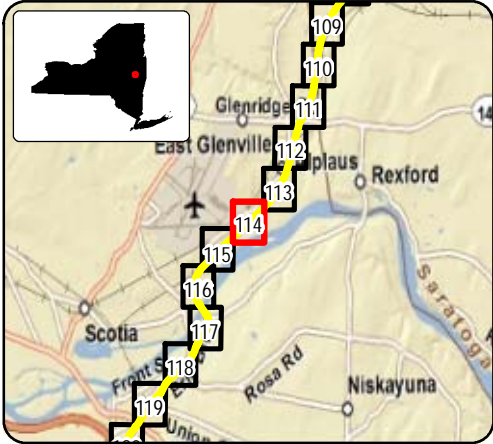




DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC







DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
<i>TOWN NAME</i>	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

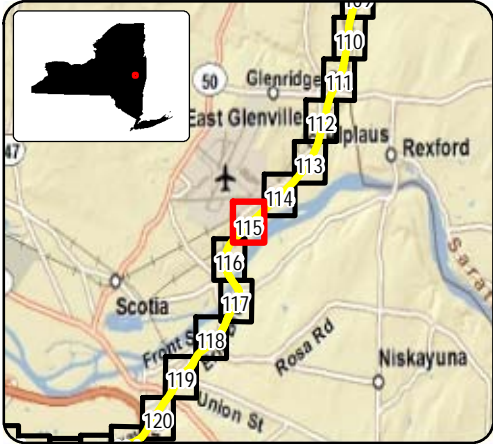
Transmission  
Developers Inc.

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*Champlain Hudson Power Express Inc.*

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
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# LEGEND

Underwater Route
 CP/CSX Railroad ROW
 Spur
 Milepost
 Canal Lock
 Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
 Beech-Maple Mesic Forest
 Brushy Cleared Land
 Construction/Road Maintenance Spoils
 Crop Land/Field Crops
 Hemlock-Northern Hardwood Forest
 Herbicide-Sprayed Roadside/Pathway
 Impounded Marsh
 Junkyard
 Mine Spoils
 Mowed Lawn
 Mowed Lawn with Trees
 Mowed Roadside Pathway
 Oak-Tulip Tree Forest

Paved Road/Path
 Pine Plantation
 Pine-Northern Hardwood Forest
 Pitch Pine-Oak Forest
 Railroad
 River/Stream
 Roadcut Cliff/Slope
 Rock Quarry
 Spruce/Fir Plantation
 Successional Northern Hardwoods
 Successional Old Field
 Successional Shrubland
 Successional Southern Hardwoods
 Unpaved Road/Path
 Wetland

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1

Ecological Communities along the

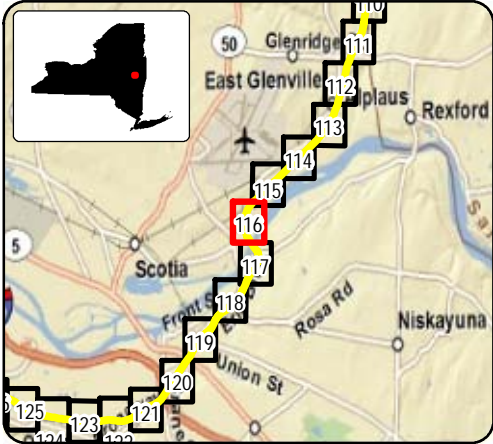
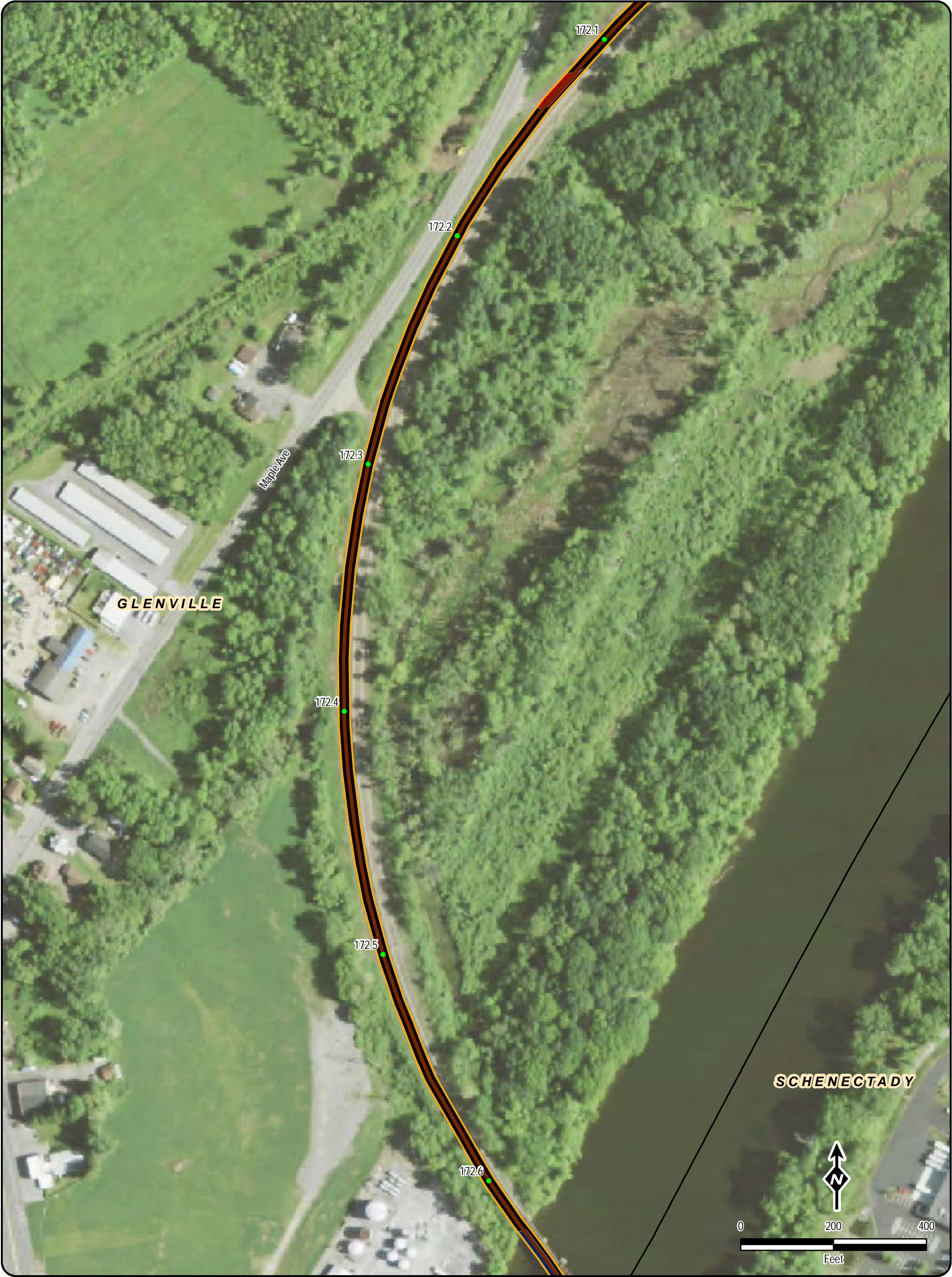
Underground Transmission

Cable Corridor

Sheet 115 of 175

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DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
<i>TOWN NAME</i>	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

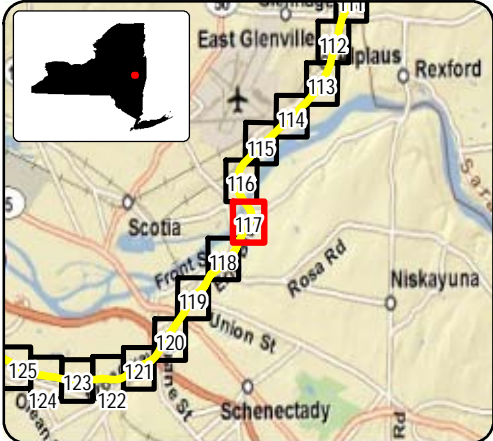
Transmission  
Developers Inc.

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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 116 of 175

Prepared by: & 7/19/2010





# LEGEND

 Underwater Route  
 CP/CSX Railroad ROW  
 Spur  
 Milepost  
 Canal Lock  
 Construction Corridor  

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest  
 Beech-Maple Mesic Forest  
 Brushy Cleared Land  
 Construction/Road Maintenance Spoils  
 Crop Land/Field Crops  
 Hemlock-Northern Hardwood Forest  
 Herbicide-Sprayed Roadside/Pathway  
 Impounded Marsh  
 Junkyard  
 Mine Spoils  
 Mowed Lawn  
 Mowed Lawn with Trees  
 Mowed Roadside Pathway  
 Oak-Tulip Tree Forest

 Paved Road/Path  
 Pine Plantation  
 Pine-Northern Hardwood Forest  
 Pitch Pine-Oak Forest  
 Railroad  
 River/Stream  
 Roadcut Cliff/Slope  
 Rock Quarry  
 Spruce/Fir Plantation  
 Successional Northern Hardwoods  
 Successional Old Field  
 Successional Shrubland  
 Successional Southern Hardwoods  
 Unpaved Road/Path  
 Wetland

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1

Ecological Communities along the

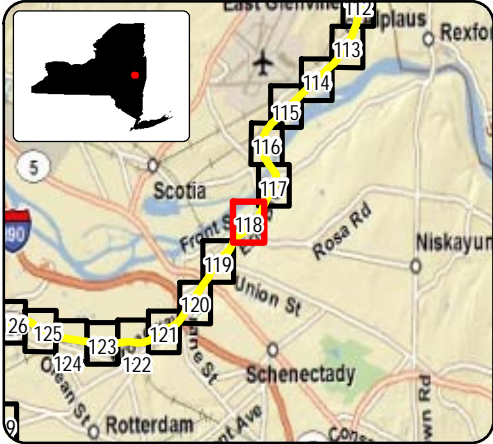
Underground Transmission

Cable Corridor

Sheet 117 of 175

Prepared by: HDR UTA & CTRC 7/19/2010





# LEGEND


 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest




 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland



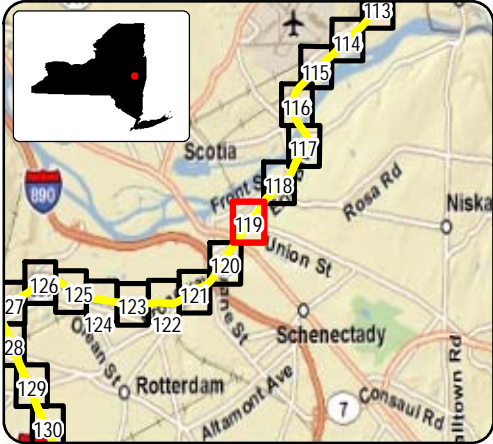
Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
*Champlain Hudson Power Express Inc.*

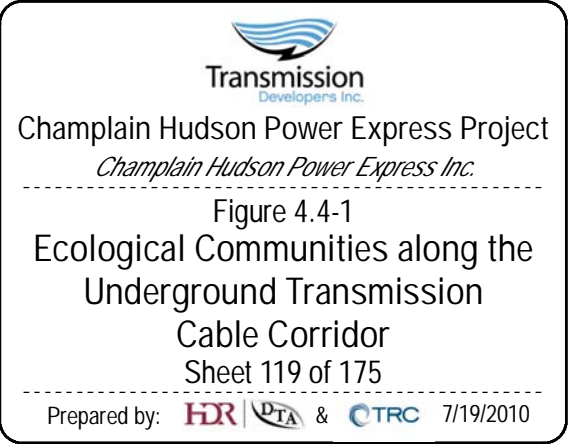
Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 118 of 175

Prepared by:   &  7/19/2010

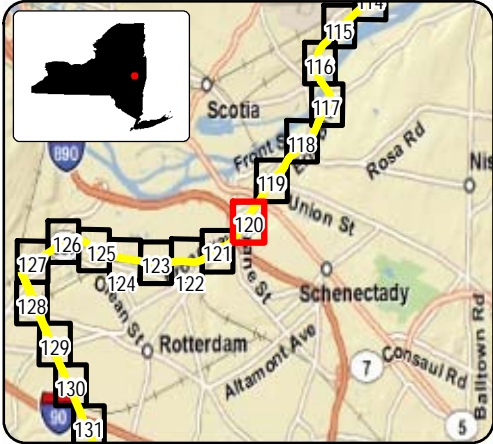




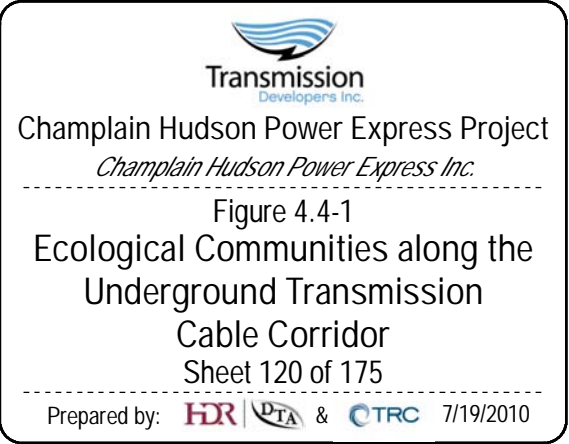
DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC



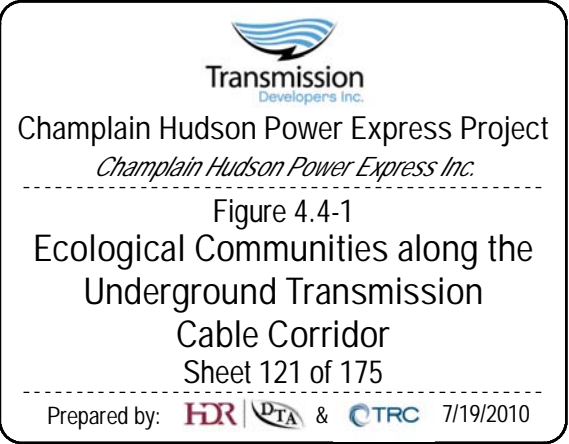
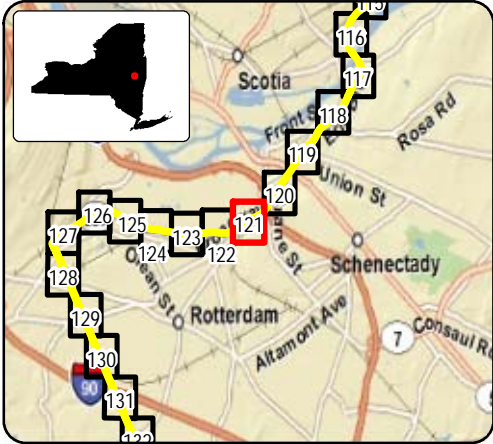




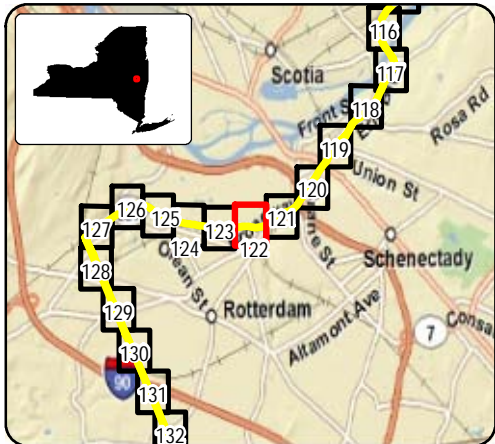
DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC











# LEGEND

Underwater Route
 CP/CSX Railroad ROW
 Spur
 Milepost
 Canal Lock
 Construction Corridor
 *TOWN NAME*

## Ecological Type

 Appalachian Oak-Pine Forest
 Beech-Maple Mesic Forest
 Brushy Cleared Land
 Construction/Road Maintenance Spoils
 Crop Land/Field Crops
 Hemlock-Northern Hardwood Forest
 Herbicide-Sprayed Roadside/Pathway
 Impounded Marsh
 Junkyard
 Mine Spoils
 Mowed Lawn
 Mowed Lawn with Trees
 Mowed Roadside Pathway
 Oak-Tulip Tree Forest

Paved Road/Path
 Pine Plantation
 Pine-Northern Hardwood Forest
 Pitch Pine-Oak Forest
 Railroad
 River/Stream
 Roadcut Cliff/Slope
 Rock Quarry
 Spruce/Fir Plantation
 Successional Northern Hardwoods
 Successional Old Field
 Successional Shrubland
 Successional Southern Hardwoods
 Unpaved Road/Path
 Wetland

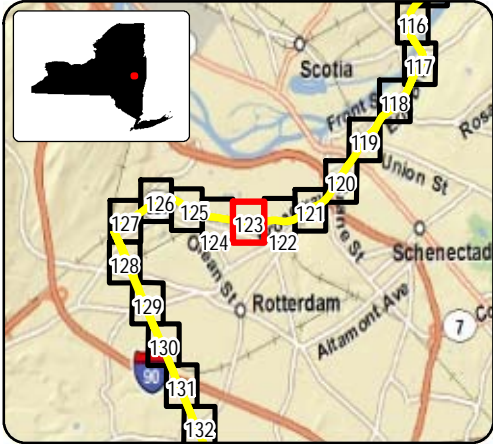
Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
Champlain Hudson Power Express Inc.

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 122 of 175

Prepared by: & 7/19/2010





LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
TOWN NAME	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1

Ecological Communities along the

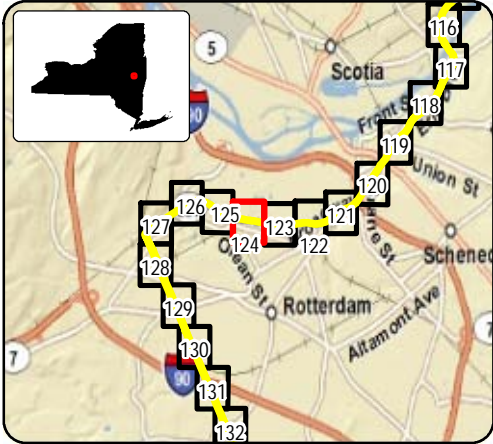
Underground Transmission

Cable Corridor

Sheet 123 of 175

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# LEGEND

 Underwater Route  
 CP/CSX Railroad ROW  
 Spur  
 Milepost  
 Canal Lock  
 Construction Corridor  

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest  
 Beech-Maple Mesic Forest  
 Brushy Cleared Land  
 Construction/Road Maintenance Spoils  
 Crop Land/Field Crops  
 Hemlock-Northern Hardwood Forest  
 Herbicide-Sprayed Roadside/Pathway  
 Impounded Marsh  
 Junkyard  
 Mine Spoils  
 Mowed Lawn  
 Mowed Lawn with Trees  
 Mowed Roadside Pathway  
 Oak-Tulip Tree Forest

 Paved Road/Path  
 Pine Plantation  
 Pine-Northern Hardwood Forest  
 Pitch Pine-Oak Forest  
 Railroad  
 River/Stream  
 Roadcut Cliff/Slope  
 Rock Quarry  
 Spruce/Fir Plantation  
 Successional Northern Hardwoods  
 Successional Old Field  
 Successional Shrubland  
 Successional Southern Hardwoods  
 Unpaved Road/Path  
 Wetland

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1

Ecological Communities along the

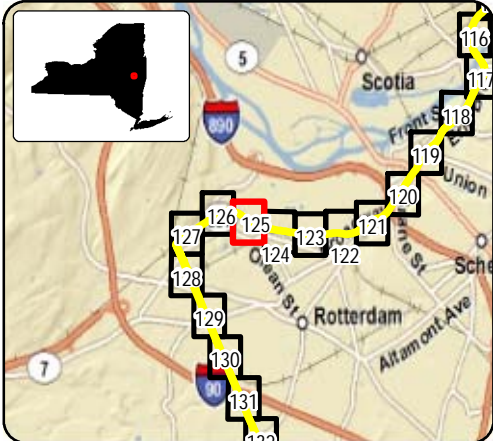
Underground Transmission

Cable Corridor

Sheet 124 of 175

Prepared by: HDR | VTA & CTRC 7/19/2010





DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

# LEGEND

Underwater Route
 CP/CSX Railroad ROW
 Spur
 Milepost
 Canal Lock
 Construction Corridor
 

TOWN NAME

## Ecological Type

Appalachian Oak-Pine Forest
 Beech-Maple Mesic Forest
 Brushy Cleared Land
 Construction/Road Maintenance Spoils
 Crop Land/Field Crops
 Hemlock-Northern Hardwood Forest
 Herbicide-Sprayed Roadside/Pathway
 Impounded Marsh
 Junkyard
 Mine Spoils
 Mowed Lawn
 Mowed Lawn with Trees
 Mowed Roadside Pathway
 Oak-Tulip Tree Forest

Paved Road/Path
 Pine Plantation
 Pine-Northern Hardwood Forest
 Pitch Pine-Oak Forest
 Railroad
 River/Stream
 Roadcut Cliff/Slope
 Rock Quarry
 Spruce/Fir Plantation
 Successional Northern Hardwoods
 Successional Old Field
 Successional Shrubland
 Successional Southern Hardwoods
 Unpaved Road/Path
 Wetland

Transmission  
Developers Inc.

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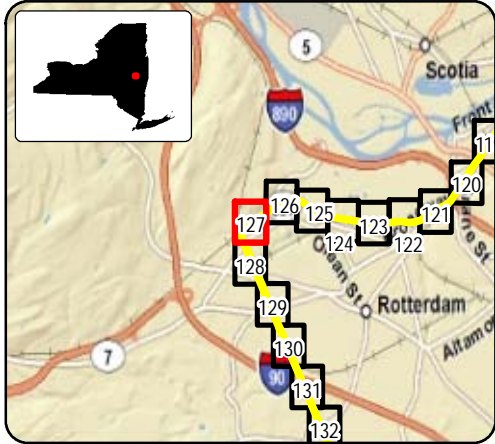
Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 125 of 175

Prepared by: & 7/19/2010









LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
TOWN NAME	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1

Ecological Communities along the

Underground Transmission

Cable Corridor

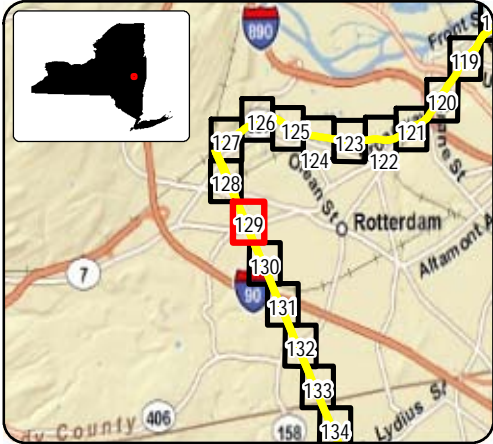
Sheet 127 of 175

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DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC



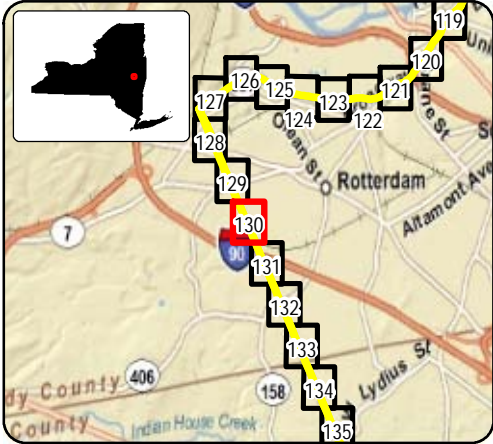
Transmission  
Developers Inc.

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*Champlain Hudson Power Express Inc.*

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 129 of 175

Prepared by: & 7/19/2010





DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

### LEGEND

Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
<i>TOWN NAME</i>	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

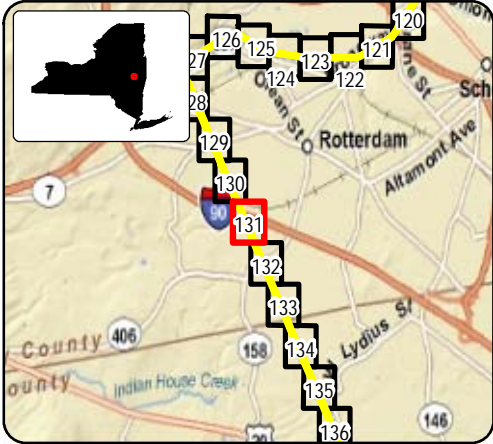
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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
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# LEGEND

 Underwater Route
 CP/CSX Railroad ROW
 Spur
 Milepost
 Canal Lock
 Construction Corridor

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
 Beech-Maple Mesic Forest
 Brushy Cleared Land
 Construction/Road Maintenance Spoils
 Crop Land/Field Crops
 Hemlock-Northern Hardwood Forest
 Herbicide-Sprayed Roadside/Pathway
 Impounded Marsh
 Junkyard
 Mine Spoils
 Mowed Lawn
 Mowed Lawn with Trees
 Mowed Roadside Pathway
 Oak-Tulip Tree Forest

 Paved Road/Path
 Pine Plantation
 Pine-Northern Hardwood Forest
 Pitch Pine-Oak Forest
 Railroad
 River/Stream
 Roadcut Cliff/Slope
 Rock Quarry
 Spruce/Fir Plantation
 Successional Northern Hardwoods
 Successional Old Field
 Successional Shrubland
 Successional Southern Hardwoods
 Unpaved Road/Path
 Wetland

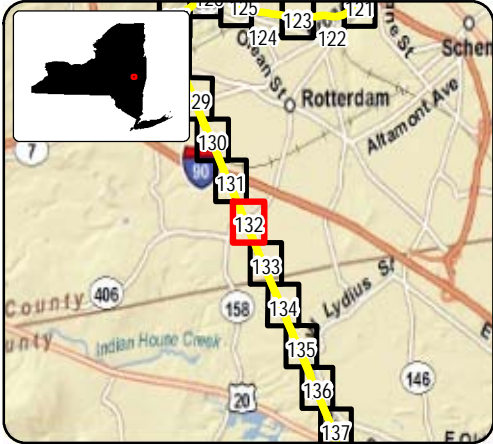
Transmission  
Developers Inc.

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*Champlain Hudson Power Express Inc.*

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 131 of 175

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# LEGEND

Underwater Route
 CP/CSX Railroad ROW
 Spur
 Milepost
 Canal Lock
 Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
 Beech-Maple Mesic Forest
 Brushy Cleared Land
 Construction/Road Maintenance Spoils
 Crop Land/Field Crops
 Hemlock-Northern Hardwood Forest
 Herbicide-Sprayed Roadside/Pathway
 Impounded Marsh
 Junkyard
 Mine Spoils
 Mowed Lawn
 Mowed Lawn with Trees
 Mowed Roadside Pathway
 Oak-Tulip Tree Forest

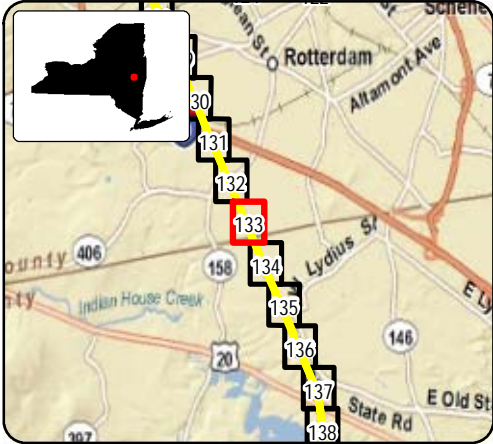
Paved Road/Path
 Pine Plantation
 Pine-Northern Hardwood Forest
 Pitch Pine-Oak Forest
 Railroad
 River/Stream
 Roadcut Cliff/Slope
 Rock Quarry
 Spruce/Fir Plantation
 Successional Northern Hardwoods
 Successional Old Field
 Successional Shrubland
 Successional Southern Hardwoods
 Unpaved Road/Path
 Wetland

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Champlain Hudson Power Express Inc.

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 132 of 175

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DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

# LEGEND

 Underwater Route  
 CP/CSX Railroad ROW  
 Spur  
 Milepost  
 Canal Lock  
 Construction Corridor  

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest  
 Beech-Maple Mesic Forest  
 Brushy Cleared Land  
 Construction/Road Maintenance Spoils  
 Crop Land/Field Crops  
 Hemlock-Northern Hardwood Forest  
 Herbicide-Sprayed Roadside/Pathway  
 Impounded Marsh  
 Junkyard  
 Mine Spoils  
 Mowed Lawn  
 Mowed Lawn with Trees  
 Mowed Roadside Pathway  
 Oak-Tulip Tree Forest

 Paved Road/Path  
 Pine Plantation  
 Pine-Northern Hardwood Forest  
 Pitch Pine-Oak Forest  
 Railroad  
 River/Stream  
 Roadcut Cliff/Slope  
 Rock Quarry  
 Spruce/Fir Plantation  
 Successional Northern Hardwoods  
 Successional Old Field  
 Successional Shrubland  
 Successional Southern Hardwoods  
 Unpaved Road/Path  
 Wetland

Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 133 of 175

Prepared by: & 7/19/2010





# LEGEND


 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland



Transmission  
Developers Inc.

Champlain Hudson Power Express Project

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Figure 4.4-1

Ecological Communities along the

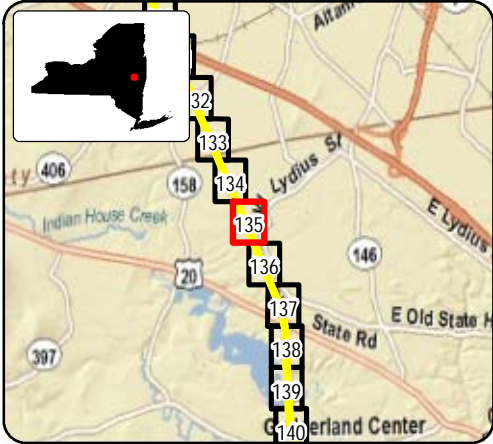
Underground Transmission

Cable Corridor

Sheet 134 of 175

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# LEGEND

 Underwater Route  
 CP/CSX Railroad ROW  
 Spur  
 Milepost  
 Canal Lock  
 Construction Corridor  

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest  
 Beech-Maple Mesic Forest  
 Brushy Cleared Land  
 Construction/Road Maintenance Spoils  
 Crop Land/Field Crops  
 Hemlock-Northern Hardwood Forest  
 Herbicide-Sprayed Roadside/Pathway  
 Impounded Marsh  
 Junkyard  
 Mine Spoils  
 Mowed Lawn  
 Mowed Lawn with Trees  
 Mowed Roadside Pathway  
 Oak-Tulip Tree Forest

 Paved Road/Path  
 Pine Plantation  
 Pine-Northern Hardwood Forest  
 Pitch Pine-Oak Forest  
 Railroad  
 River/Stream  
 Roadcut Cliff/Slope  
 Rock Quarry  
 Spruce/Fir Plantation  
 Successional Northern Hardwoods  
 Successional Old Field  
 Successional Shrubland  
 Successional Southern Hardwoods  
 Unpaved Road/Path  
 Wetland

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1

Ecological Communities along the

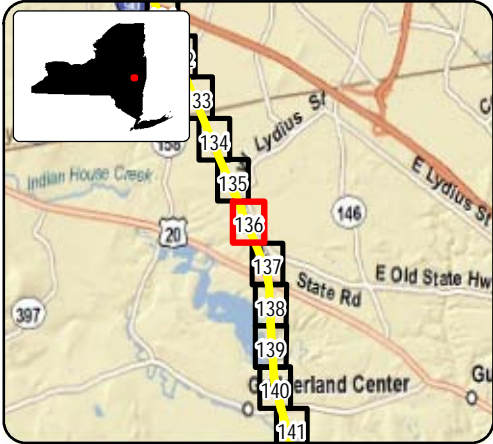
Underground Transmission

Cable Corridor

Sheet 135 of 175

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# LEGEND


 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland



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Champlain Hudson Power Express Project

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Figure 4.4-1

Ecological Communities along the

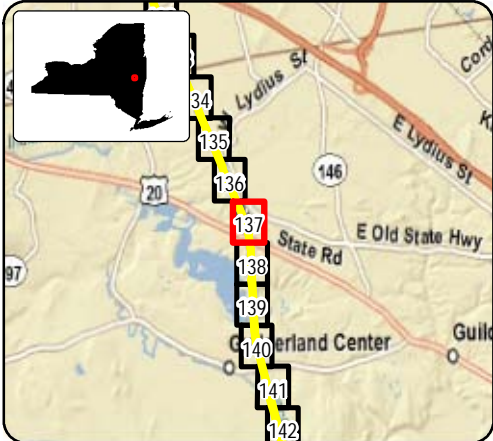
Underground Transmission

Cable Corridor

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LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
<i>TOWN NAME</i>	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

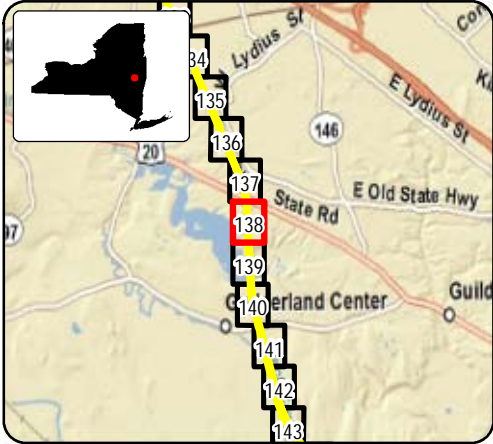
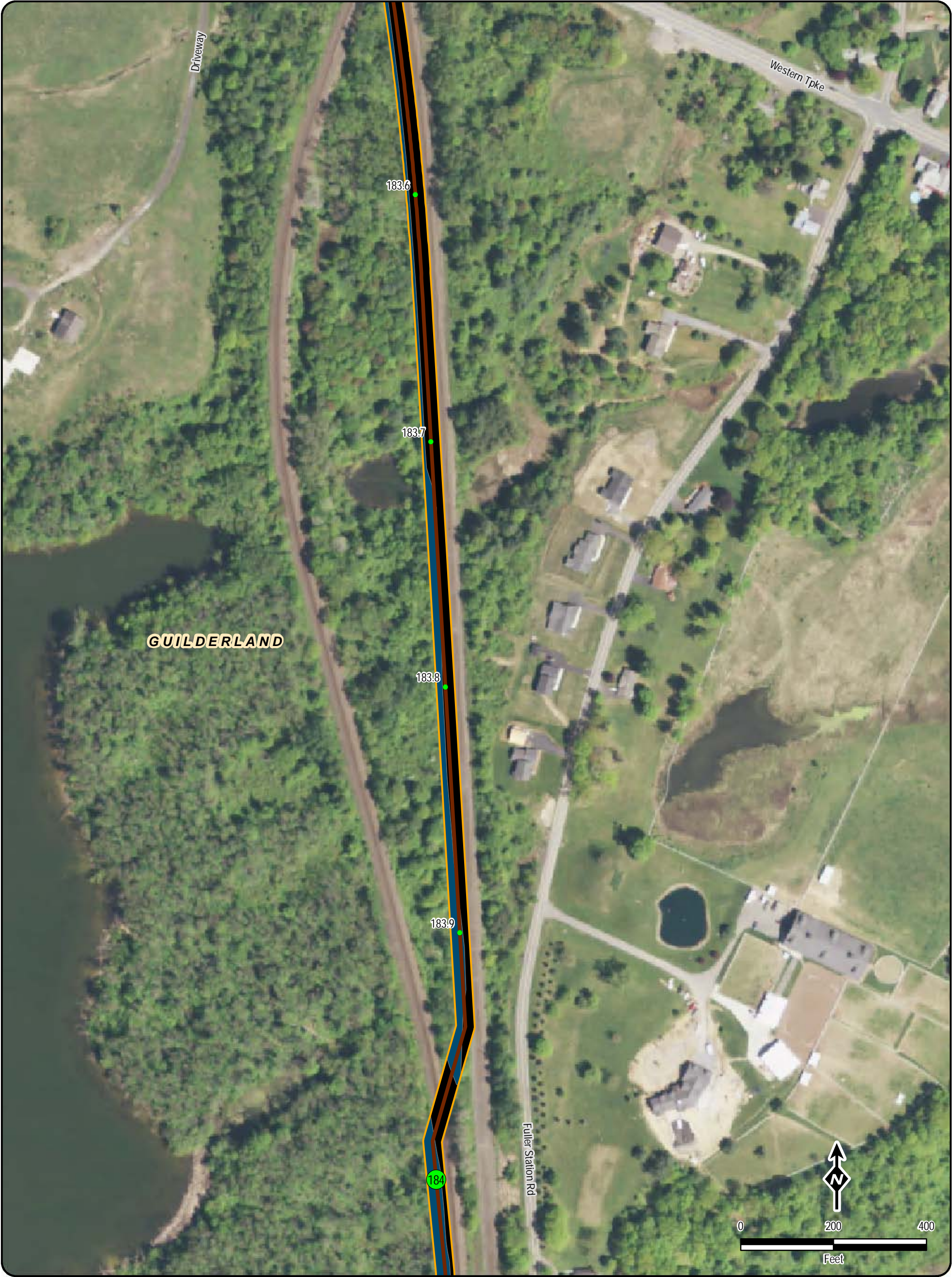
Transmission  
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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 137 of 175

Prepared by: & 7/19/2010





DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
<i>TOWN NAME</i>	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

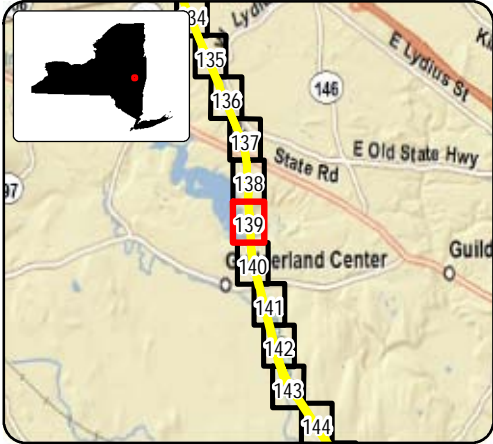
Transmission  
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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 138 of 175

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DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

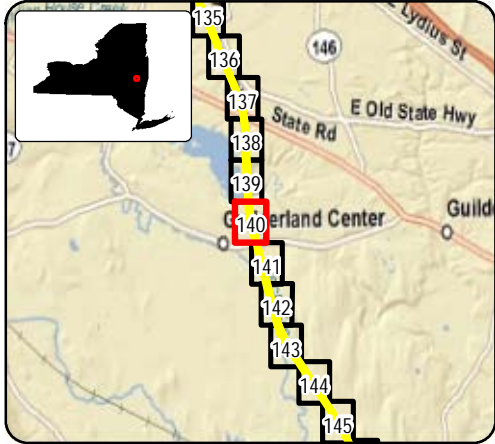
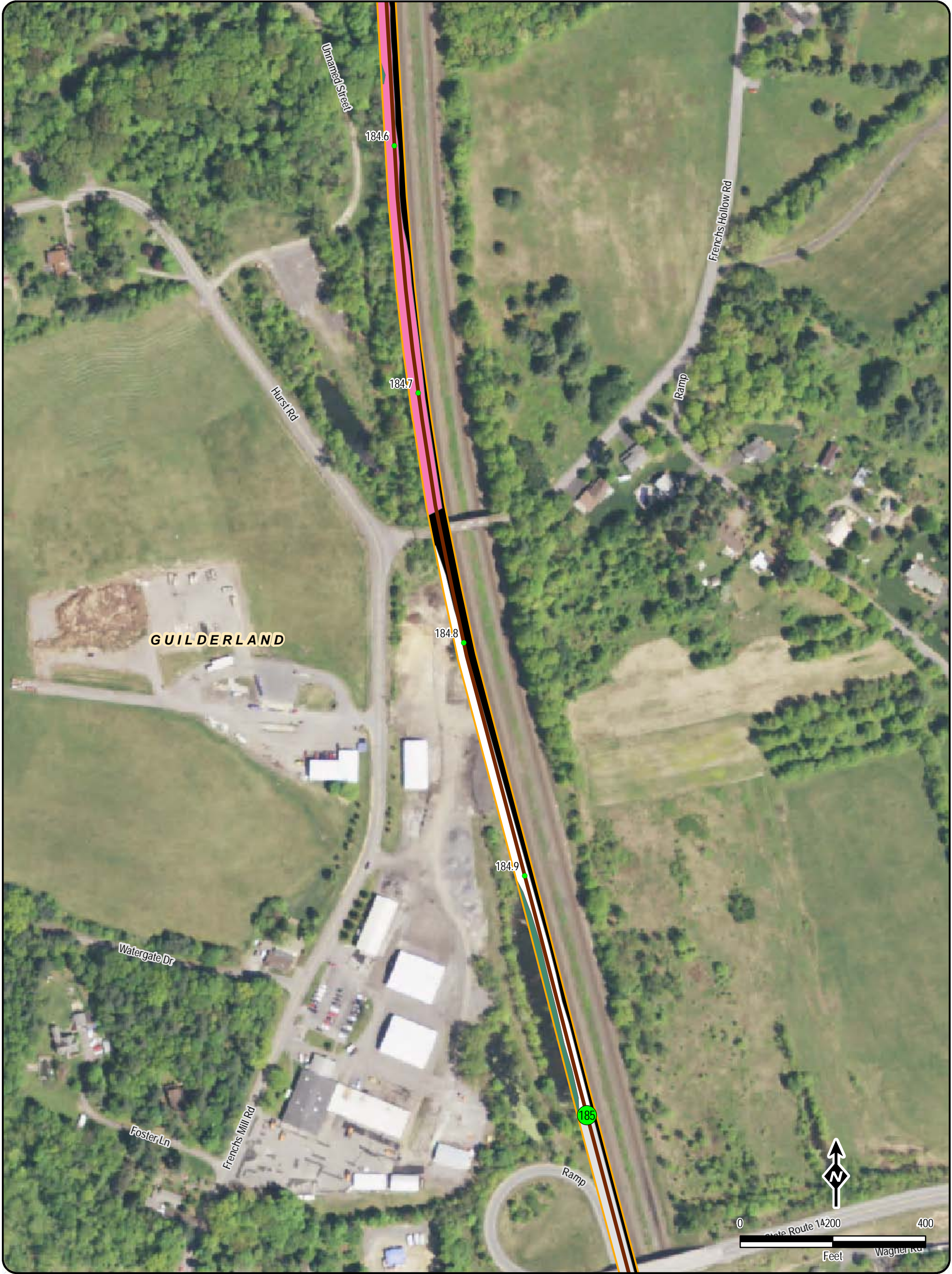
Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
Champlain Hudson Power Express Inc.

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 139 of 175

Prepared by: HDR | VTA & CTRC 7/19/2010





DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

# LEGEND

Underwater Route
 CP/CSX Railroad ROW
 Spur
 Milepost
 Canal Lock
 Construction Corridor

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
 Beech-Maple Mesic Forest
 Brushy Cleared Land
 Construction/Road Maintenance Spoils
 Crop Land/Field Crops
 Hemlock-Northern Hardwood Forest
 Herbicide-Sprayed Roadside/Pathway
 Impounded Marsh
 Junkyard
 Mine Spoils
 Mowed Lawn
 Mowed Lawn with Trees
 Mowed Roadside Pathway
 Oak-Tulip Tree Forest

Paved Road/Path
 Pine Plantation
 Pine-Northern Hardwood Forest
 Pitch Pine-Oak Forest
 Railroad
 River/Stream
 Roadcut Cliff/Slope
 Rock Quarry
 Spruce/Fir Plantation
 Successional Northern Hardwoods
 Successional Old Field
 Successional Shrubland
 Successional Southern Hardwoods
 Unpaved Road/Path
 Wetland

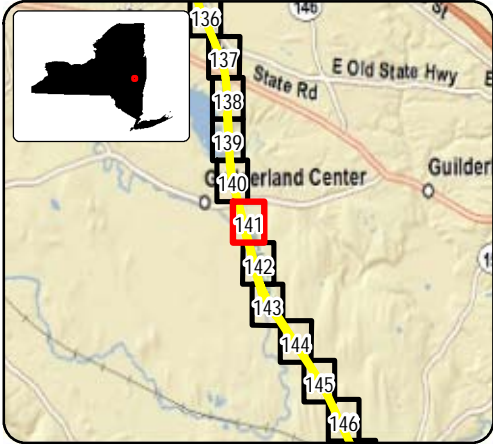
Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
Champlain Hudson Power Express Inc.

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 140 of 175

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LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
<i>TOWN NAME</i>	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

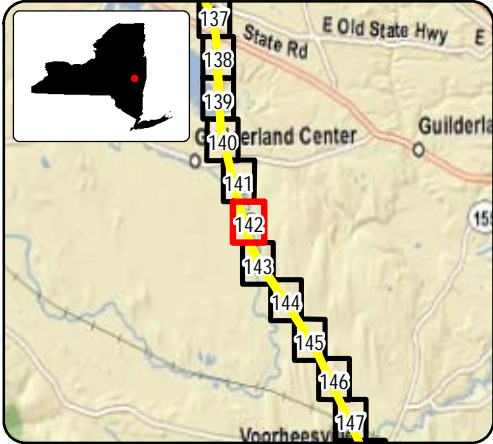
Transmission  
Developers Inc.

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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
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Prepared by: & 7/19/2010





DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland

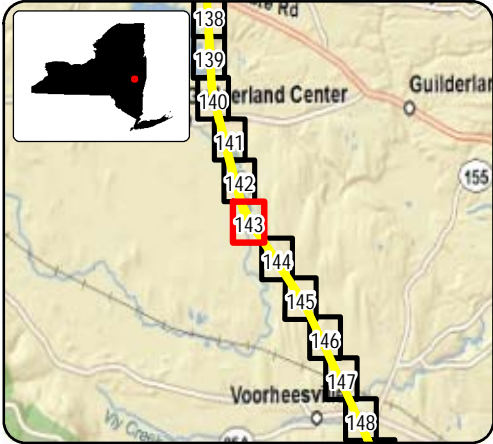
Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
*Champlain Hudson Power Express Inc.*

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 142 of 175

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# LEGEND

 Underwater Route  
 CP/CSX Railroad ROW  
 Spur  
 Milepost  
 Canal Lock  
 Construction Corridor  

TOWN NAME

Ecological Type

 Appalachian Oak-Pine Forest  
 Beech-Maple Mesic Forest  
 Brushy Cleared Land  
 Construction/Road Maintenance Spoils  
 Crop Land/Field Crops  
 Hemlock-Northern Hardwood Forest  
 Herbicide-Sprayed Roadside/Pathway  
 Impounded Marsh  
 Junkyard  
 Mine Spoils  
 Mowed Lawn  
 Mowed Lawn with Trees  
 Mowed Roadside Pathway  
 Oak-Tulip Tree Forest

 Paved Road/Path  
 Pine Plantation  
 Pine-Northern Hardwood Forest  
 Pitch Pine-Oak Forest  
 Railroad  
 River/Stream  
 Roadcut Cliff/Slope  
 Rock Quarry  
 Spruce/Fir Plantation  
 Successional Northern Hardwoods  
 Successional Old Field  
 Successional Shrubland  
 Successional Southern Hardwoods  
 Unpaved Road/Path  
 Wetland

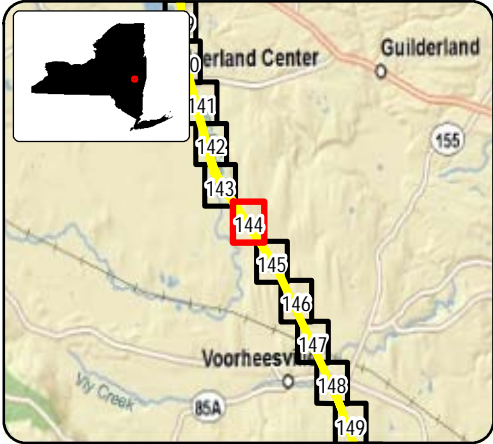
Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
*Champlain Hudson Power Express Inc.*

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 143 of 175

Prepared by: & 7/19/2010





# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

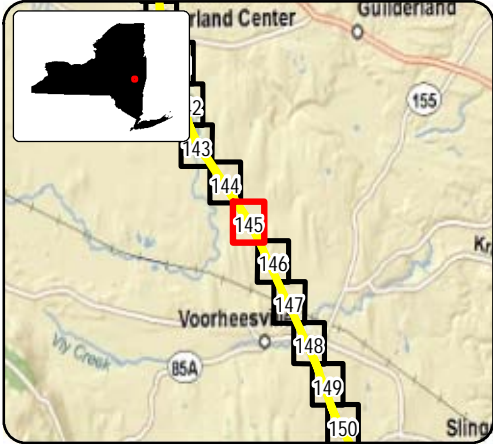
 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland

Champlain Hudson Power Express Project  
Champlain Hudson Power Express Inc.

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 144 of 175

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# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1

Ecological Communities along the

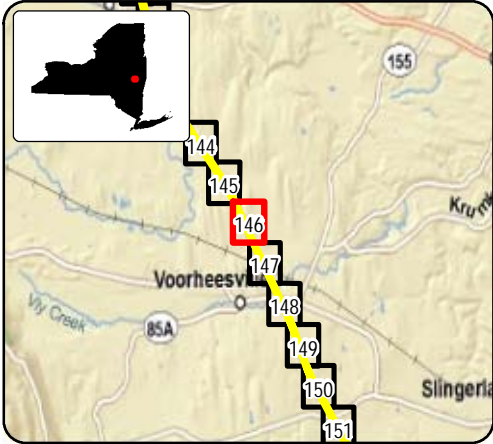
Underground Transmission

Cable Corridor

Sheet 145 of 175

Prepared by: HDR | VTA & CTRC 7/19/2010





DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

# LEGEND

 Underwater Route  
 CP/CSX Railroad ROW  
 Spur  
 Milepost  
 Canal Lock  
 Construction Corridor  

TOWN NAME

Ecological Type

 Appalachian Oak-Pine Forest  
 Beech-Maple Mesic Forest  
 Brushy Cleared Land  
 Construction/Road Maintenance Spoils  
 Crop Land/Field Crops  
 Hemlock-Northern Hardwood Forest  
 Herbicide-Sprayed Roadside/Pathway  
 Impounded Marsh  
 Junkyard  
 Mine Spoils  
 Mowed Lawn  
 Mowed Lawn with Trees  
 Mowed Roadside Pathway  
 Oak-Tulip Tree Forest

 Paved Road/Path  
 Pine Plantation  
 Pine-Northern Hardwood Forest  
 Pitch Pine-Oak Forest  
 Railroad  
 River/Stream  
 Roadcut Cliff/Slope  
 Rock Quarry  
 Spruce/Fir Plantation  
 Successional Northern Hardwoods  
 Successional Old Field  
 Successional Shrubland  
 Successional Southern Hardwoods  
 Unpaved Road/Path  
 Wetland

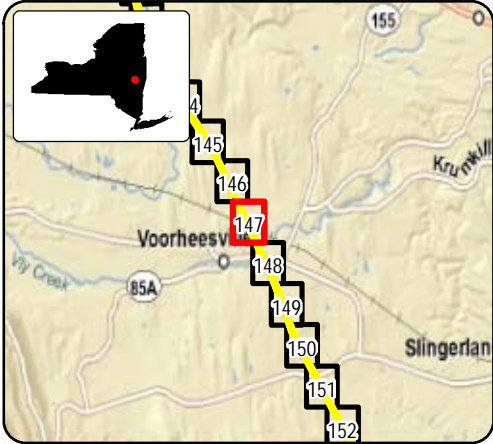
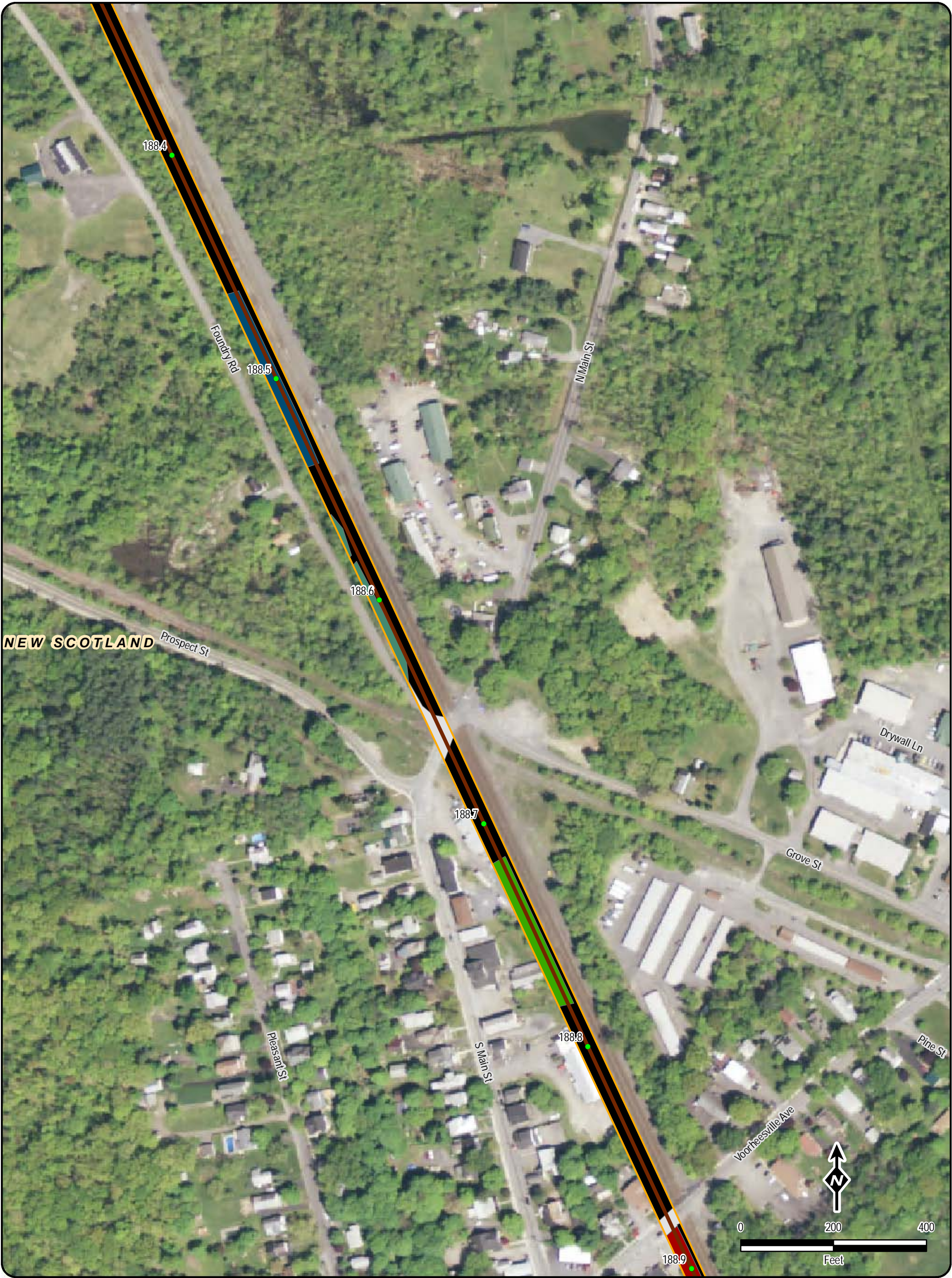
Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
Champlain Hudson Power Express Inc.

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
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Prepared by: HDR | VTA & CTRC 7/19/2010





### LEGEND

Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
TOWN NAME	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

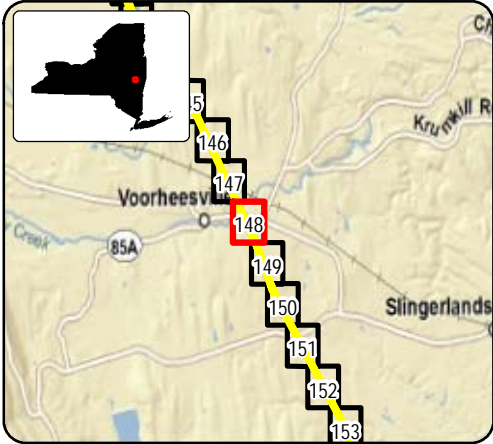
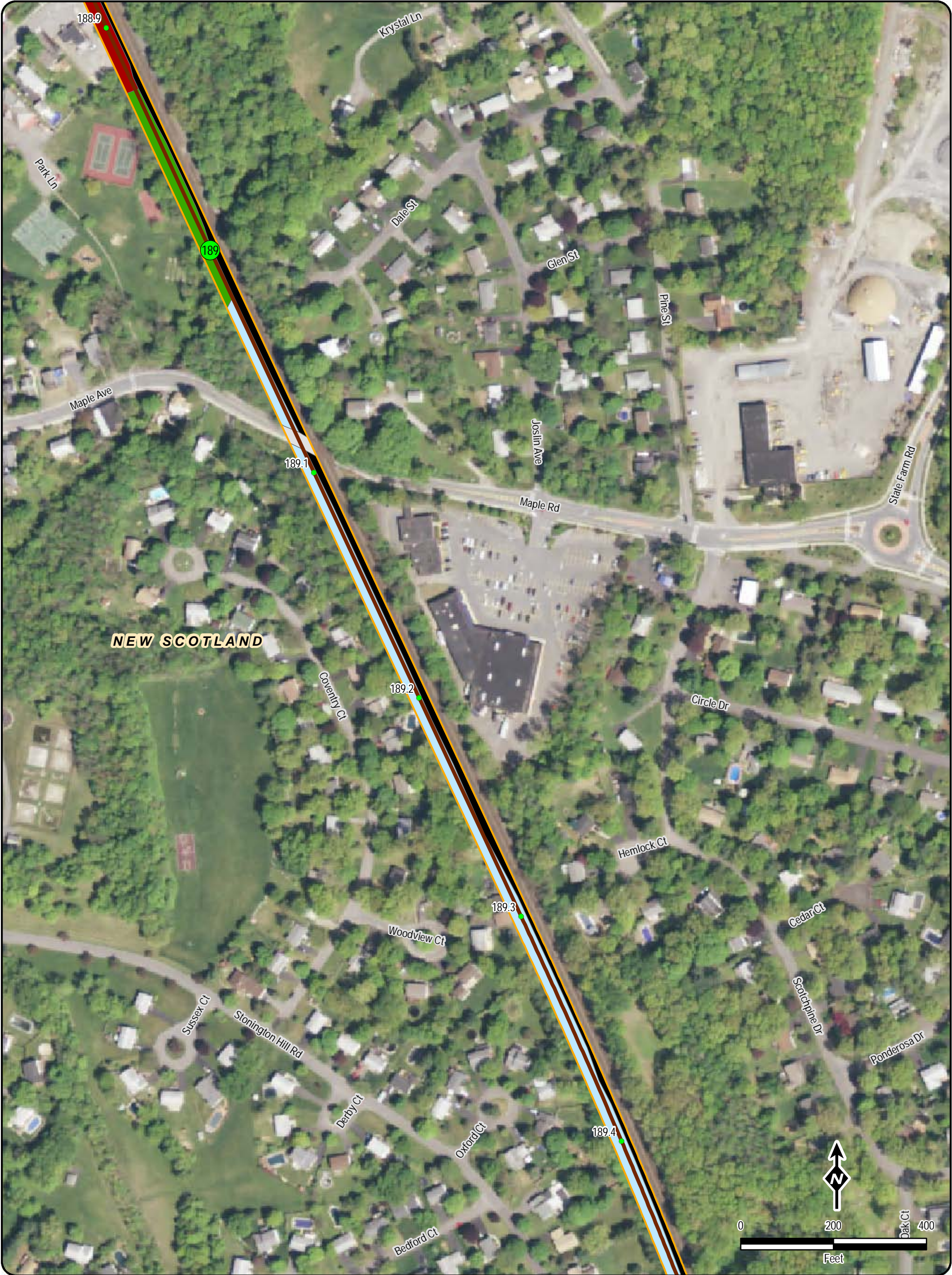
Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
*Champlain Hudson Power Express Inc.*

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 147 of 175

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DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland

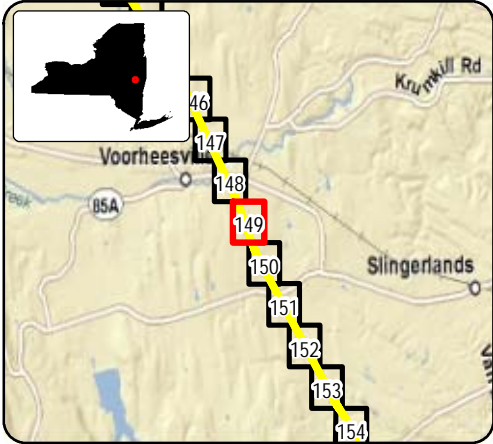
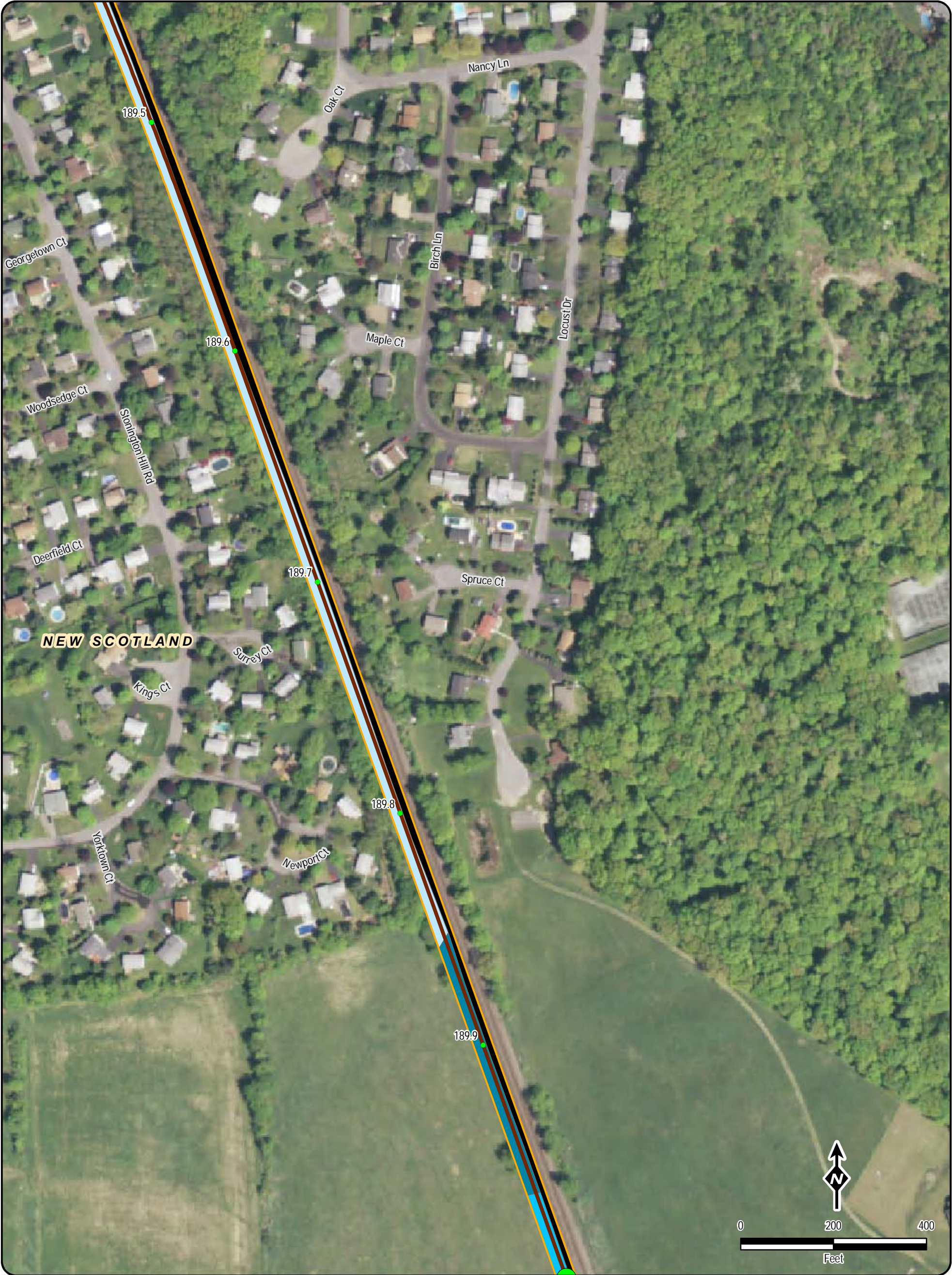
Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
Champlain Hudson Power Express Inc.

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 148 of 175

Prepared by: HDR | VTA & CTRC 7/19/2010





DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

### LEGEND

Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
<i>TOWN NAME</i>	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

### Champlain Hudson Power Express Project

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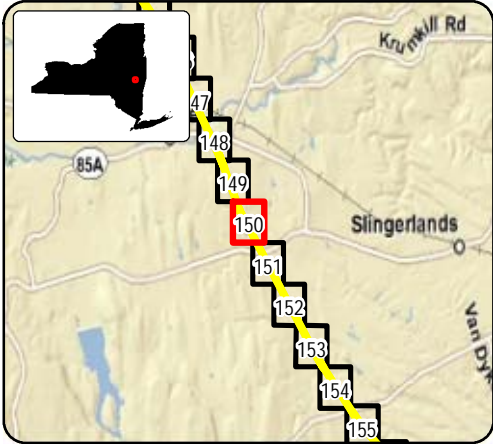
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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 149 of 175

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# LEGEND

Underwater Route
 CP/CSX Railroad ROW
 Spur
 Milepost
 Canal Lock
 Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
 Beech-Maple Mesic Forest
 Brushy Cleared Land
 Construction/Road Maintenance Spoils
 Crop Land/Field Crops
 Hemlock-Northern Hardwood Forest
 Herbicide-Sprayed Roadside/Pathway
 Impounded Marsh
 Junkyard
 Mine Spoils
 Mowed Lawn
 Mowed Lawn with Trees
 Mowed Roadside Pathway
 Oak-Tulip Tree Forest

Paved Road/Path
 Pine Plantation
 Pine-Northern Hardwood Forest
 Pitch Pine-Oak Forest
 Railroad
 River/Stream
 Roadcut Cliff/Slope
 Rock Quarry
 Spruce/Fir Plantation
 Successional Northern Hardwoods
 Successional Old Field
 Successional Shrubland
 Successional Southern Hardwoods
 Unpaved Road/Path
 Wetland

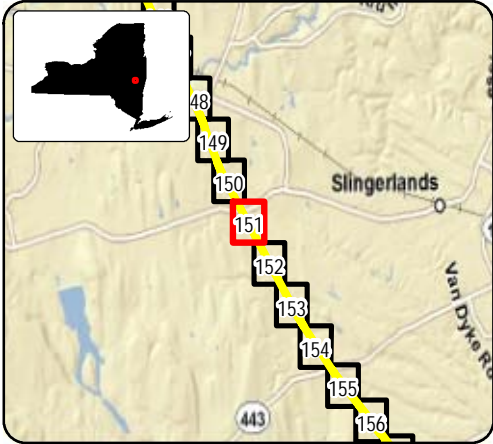
Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
Champlain Hudson Power Express Inc.

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 150 of 175

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# LEGEND


 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest




 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland



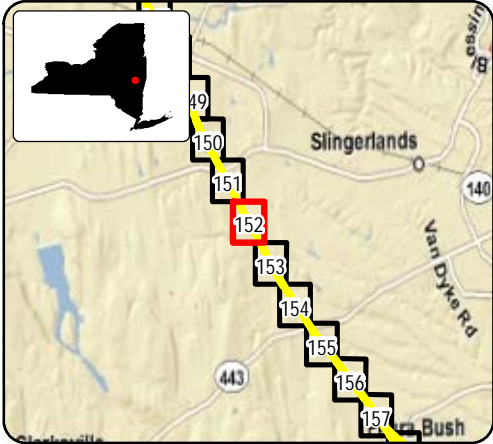
Transmission  
Developers Inc.

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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 151 of 175

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# LEGEND

Underwater Route
 CP/CSX Railroad ROW
 Spur
 Milepost
 Canal Lock
 Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
 Beech-Maple Mesic Forest
 Brushy Cleared Land
 Construction/Road Maintenance Spoils
 Crop Land/Field Crops
 Hemlock-Northern Hardwood Forest
 Herbicide-Sprayed Roadside/Pathway
 Impounded Marsh
 Junkyard
 Mine Spoils
 Mowed Lawn
 Mowed Lawn with Trees
 Mowed Roadside Pathway
 Oak-Tulip Tree Forest

Paved Road/Path
 Pine Plantation
 Pine-Northern Hardwood Forest
 Pitch Pine-Oak Forest
 Railroad
 River/Stream
 Roadcut Cliff/Slope
 Rock Quarry
 Spruce/Fir Plantation
 Successional Northern Hardwoods
 Successional Old Field
 Successional Shrubland
 Successional Southern Hardwoods
 Unpaved Road/Path
 Wetland

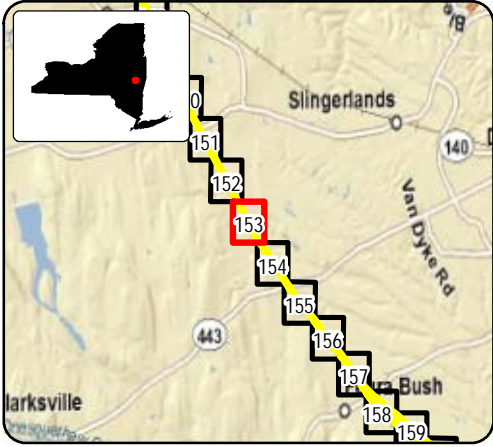
Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
Champlain Hudson Power Express Inc.

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 152 of 175

Prepared by: HDR | VTA & CTRC 7/19/2010





DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

# LEGEND

Underwater Route
 CP/CSX Railroad ROW
 Spur
 Milepost
 Canal Lock
 Construction Corridor
 *TOWN NAME*

## Ecological Type

 Appalachian Oak-Pine Forest
 Beech-Maple Mesic Forest
 Brushy Cleared Land
 Construction/Road Maintenance Spoils
 Crop Land/Field Crops
 Hemlock-Northern Hardwood Forest
 Herbicide-Sprayed Roadside/Pathway
 Impounded Marsh
 Junkyard
 Mine Spoils
 Mowed Lawn
 Mowed Lawn with Trees
 Mowed Roadside Pathway
 Oak-Tulip Tree Forest

Paved Road/Path
 Pine Plantation
 Pine-Northern Hardwood Forest
 Pitch Pine-Oak Forest
 Railroad
 River/Stream
 Roadcut Cliff/Slope
 Rock Quarry
 Spruce/Fir Plantation
 Successional Northern Hardwoods
 Successional Old Field
 Successional Shrubland
 Successional Southern Hardwoods
 Unpaved Road/Path
 Wetland

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1

Ecological Communities along the

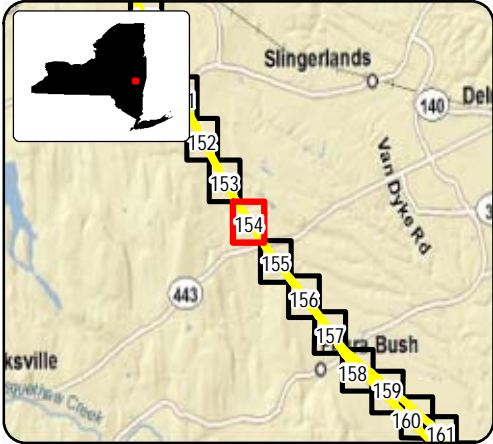
Underground Transmission

Cable Corridor

Sheet 153 of 175

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# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

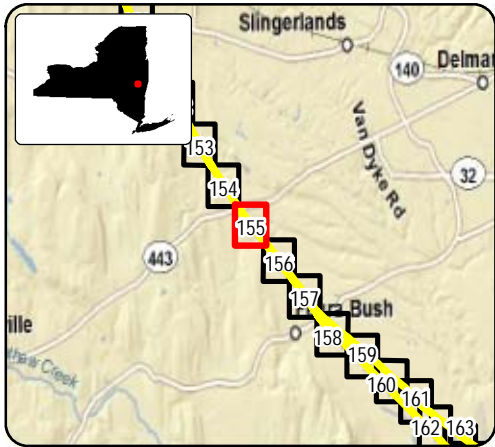
 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland

Champlain Hudson Power Express Project  
Champlain Hudson Power Express Inc.

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 154 of 175

Prepared by: HDR | VTA & CTRC 7/19/2010





DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	River/Stream
Construction Corridor	Crop Land/Field Crops	Roadcut Cliff/Slope
<i>TOWN NAME</i>	Hemlock-Northern Hardwood Forest	Rock Quarry
	Herbicide-Sprayed Roadside/Pathway	Spruce/Fir Plantation
	Impounded Marsh	Successional Northern Hardwoods
	Junkyard	Successional Old Field
	Mine Spoils	Successional Shrubland
	Mowed Lawn	Successional Southern Hardwoods
	Mowed Lawn with Trees	Unpaved Road/Path
	Mowed Roadside Pathway	Wetland
	Oak-Tulip Tree Forest	

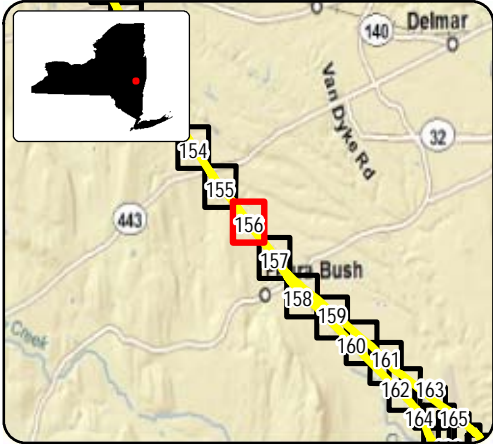
Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
*Champlain Hudson Power Express Inc.*

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 155 of 175

Prepared by: & 7/19/2010





LEGEND		
Underwater Route	Appalachian Oak-Pine Forest	Paved Road/Path
CP/CSX Railroad ROW	Beech-Maple Mesic Forest	Pine Plantation
Spur	Brushy Cleared Land	Pine-Northern Hardwood Forest
Milepost	Construction/Road Maintenance Spoils	Pitch Pine-Oak Forest
Canal Lock	Crop Land/Field Crops	Railroad
Construction Corridor	Hemlock-Northern Hardwood Forest	River/Stream
<i>TOWN NAME</i>	Herbicide-Sprayed Roadside/Pathway	Roadcut Cliff/Slope
	Impounded Marsh	Rock Quarry
	Junkyard	Spruce/Fir Plantation
	Mine Spoils	Successional Northern Hardwoods
	Mowed Lawn	Successional Old Field
	Mowed Lawn with Trees	Successional Shrubland
	Mowed Roadside Pathway	Successional Southern Hardwoods
	Oak-Tulip Tree Forest	Unpaved Road/Path
		Wetland

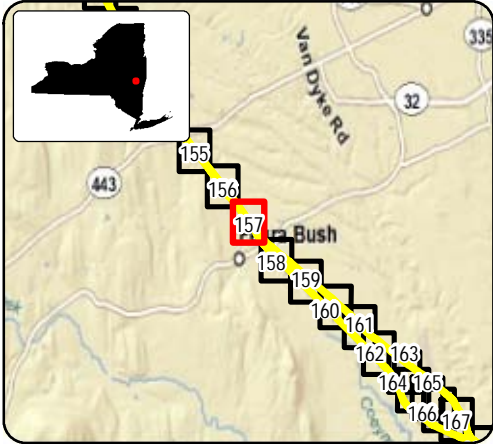
Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
*Champlain Hudson Power Express Inc.*

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
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Prepared by: & 7/19/2010





LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
<i>TOWN NAME</i>	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1

Ecological Communities along the

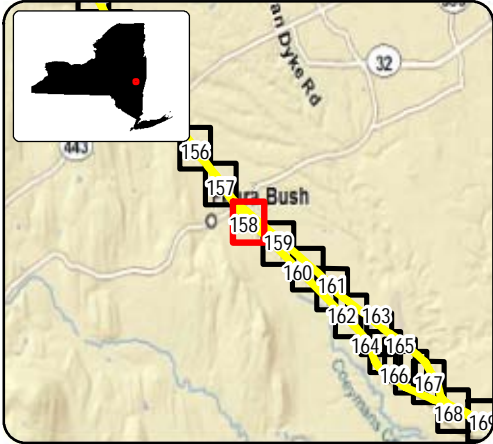
Underground Transmission

Cable Corridor

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Prepared by: HDR | VTA & CTRC 7/19/2010





LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
<i>TOWN NAME</i>	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1

Ecological Communities along the

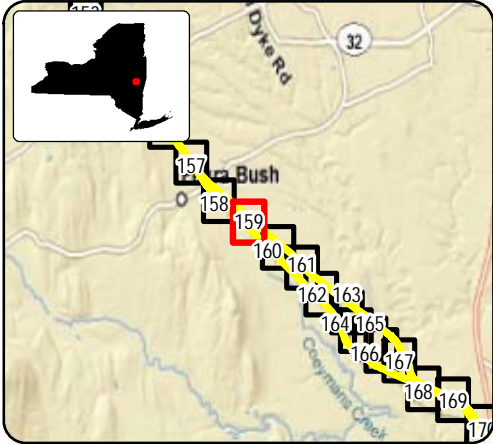
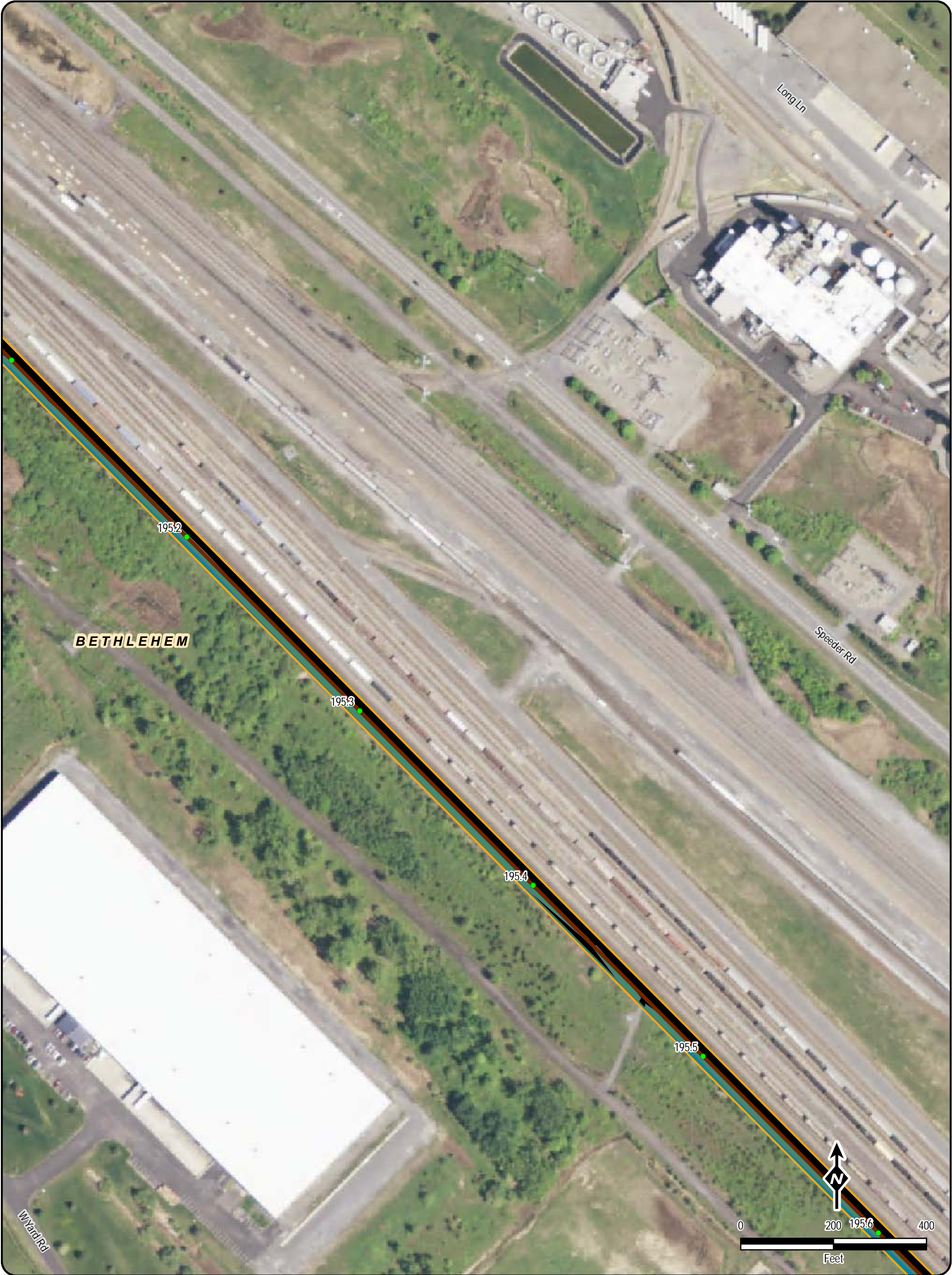
Underground Transmission

Cable Corridor

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# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland

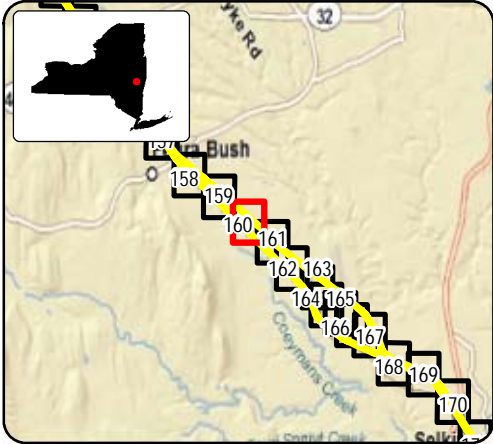
Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
*Champlain Hudson Power Express Inc.*

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 159 of 175

Prepared by: & 7/19/2010





# LEGEND


 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland



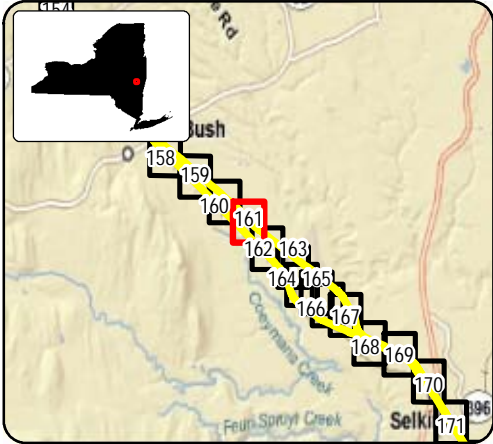
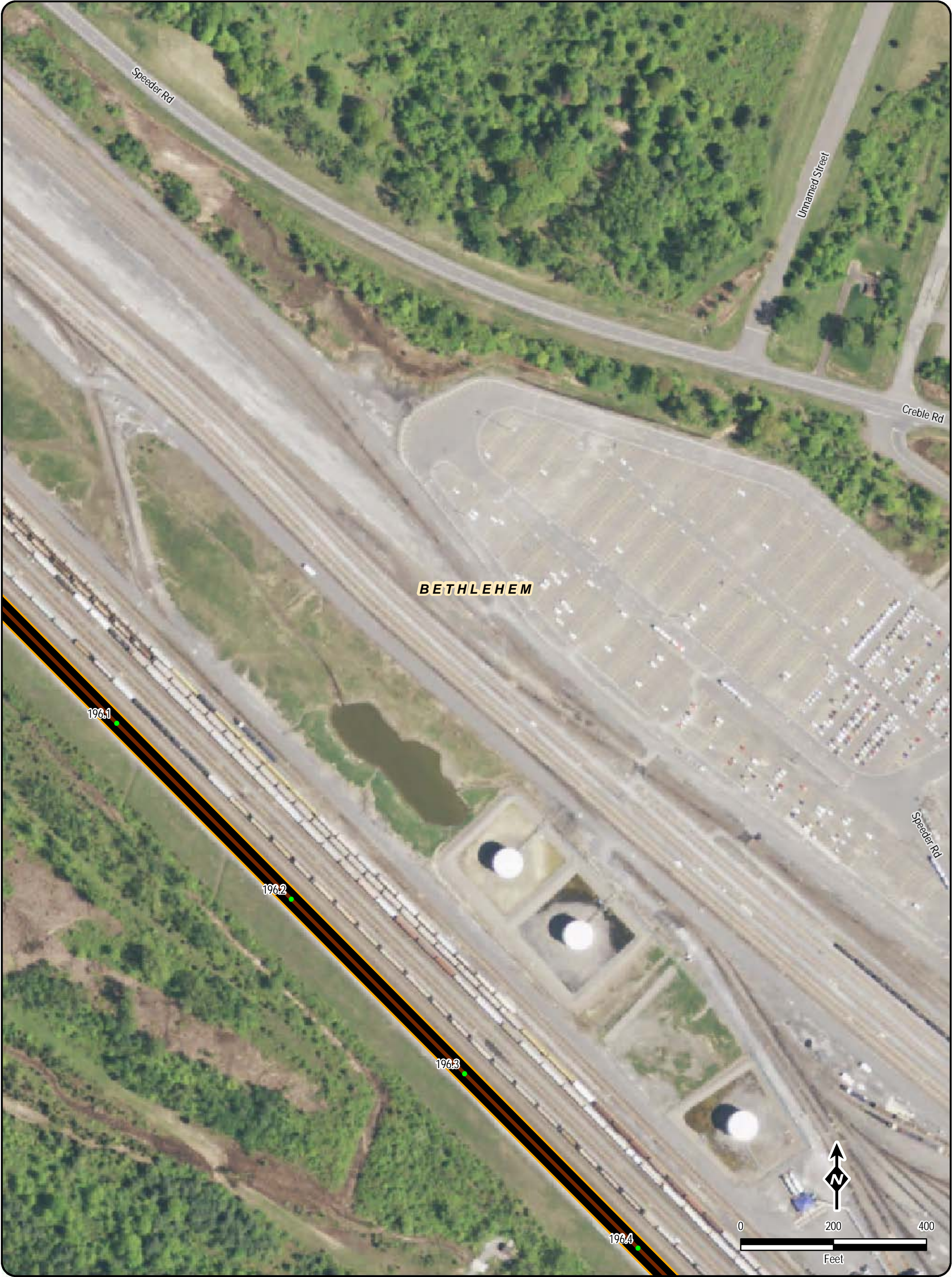
Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
Champlain Hudson Power Express Inc.

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 160 of 175

Prepared by: HDR | VTA & CTRC 7/19/2010





# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland

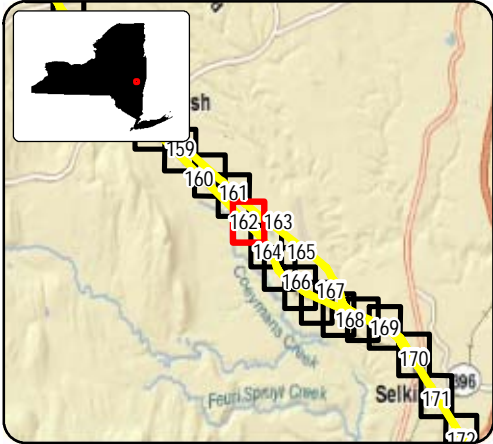
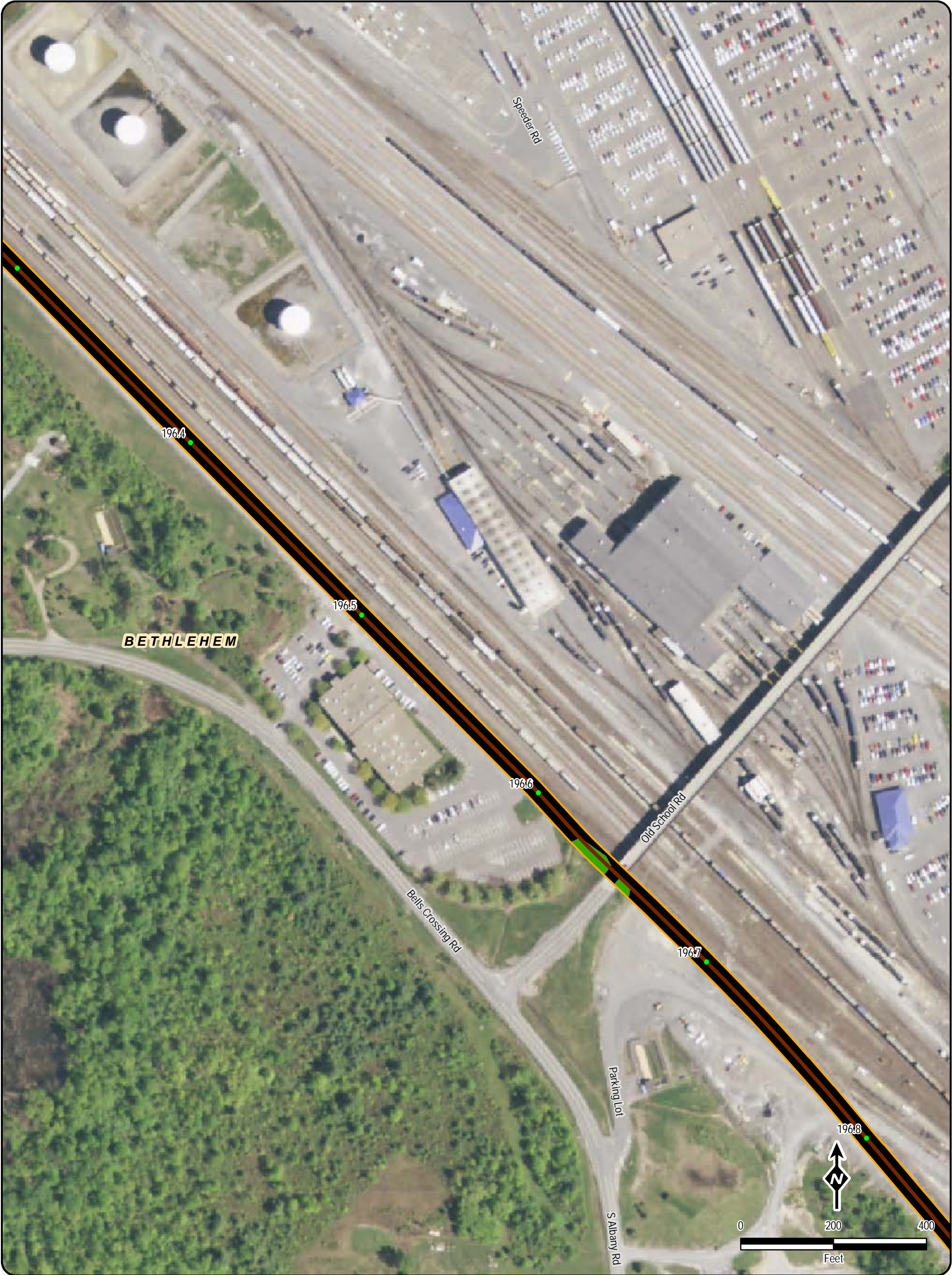
Transmission  
Developers Inc.

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*Champlain Hudson Power Express Inc.*

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
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# LEGEND

 Underwater Route  
 CP/CSX Railroad ROW  
 Spur  
 Milepost  
 Canal Lock  
 Construction Corridor  

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest  
 Beech-Maple Mesic Forest  
 Brushy Cleared Land  
 Construction/Road Maintenance Spoils  
 Crop Land/Field Crops  
 Hemlock-Northern Hardwood Forest  
 Herbicide-Sprayed Roadside/Pathway  
 Impounded Marsh  
 Junkyard  
 Mine Spoils  
 Mowed Lawn  
 Mowed Lawn with Trees  
 Mowed Roadside Pathway  
 Oak-Tulip Tree Forest

 Paved Road/Path  
 Pine Plantation  
 Pine-Northern Hardwood Forest  
 Pitch Pine-Oak Forest  
 Railroad  
 River/Stream  
 Roadcut Cliff/Slope  
 Rock Quarry  
 Spruce/Fir Plantation  
 Successional Northern Hardwoods  
 Successional Old Field  
 Successional Shrubland  
 Successional Southern Hardwoods  
 Unpaved Road/Path  
 Wetland

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1

Ecological Communities along the

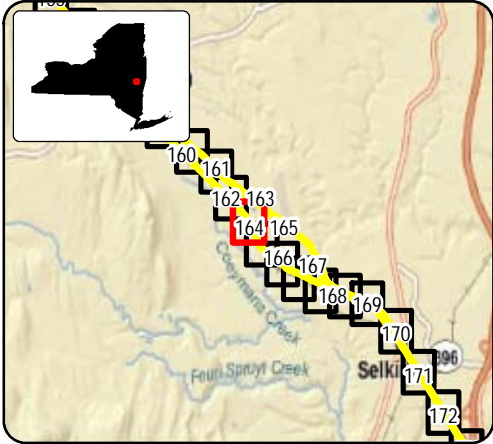
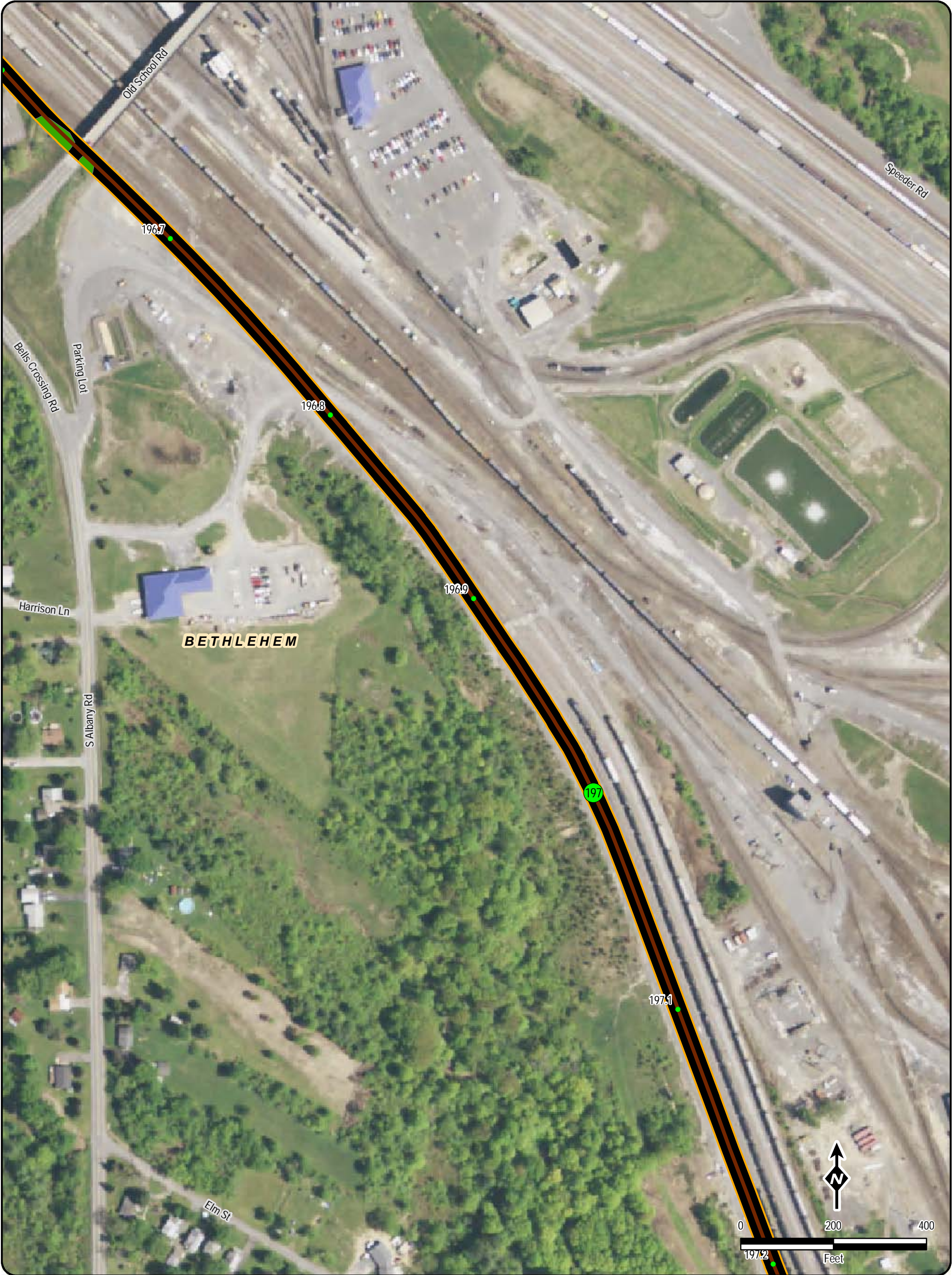
Underground Transmission

Cable Corridor

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# LEGEND


 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland



Transmission  
Developers Inc.

Champlain Hudson Power Express Project

*Champlain Hudson Power Express Inc.*




Figure 4.4-1

Ecological Communities along the

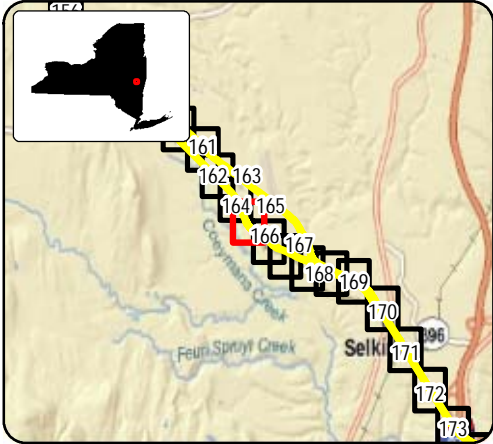
Underground Transmission

Cable Corridor

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Prepared by:   &  7/19/2010





DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

# LEGEND


 Underwater Route  
 CP/CSX Railroad ROW  
 Spur  
 Milepost  
 Canal Lock  
 Construction Corridor  

TOWN NAME

Ecological Type

 Appalachian Oak-Pine Forest  
 Beech-Maple Mesic Forest  
 Brushy Cleared Land  
 Construction/Road Maintenance Spoils  
 Crop Land/Field Crops  
 Hemlock-Northern Hardwood Forest  
 Herbicide-Sprayed Roadside/Pathway  
 Impounded Marsh  
 Junkyard  
 Mine Spoils  
 Mowed Lawn  
 Mowed Lawn with Trees  
 Mowed Roadside Pathway  
 Oak-Tulip Tree Forest

 Paved Road/Path  
 Pine Plantation  
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 Pitch Pine-Oak Forest  
 Railroad  
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 Rock Quarry  
 Spruce/Fir Plantation  
 Successional Northern Hardwoods  
 Successional Old Field  
 Successional Shrubland  
 Successional Southern Hardwoods  
 Unpaved Road/Path  
 Wetland



Transmission  
Developers Inc.

Champlain Hudson Power Express Project

*Champlain Hudson Power Express Inc.*




Figure 4.4-1

Ecological Communities along the

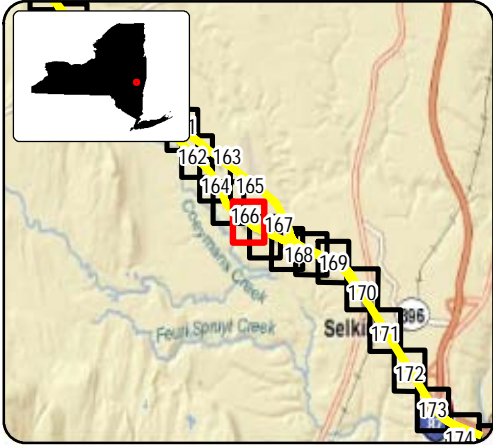
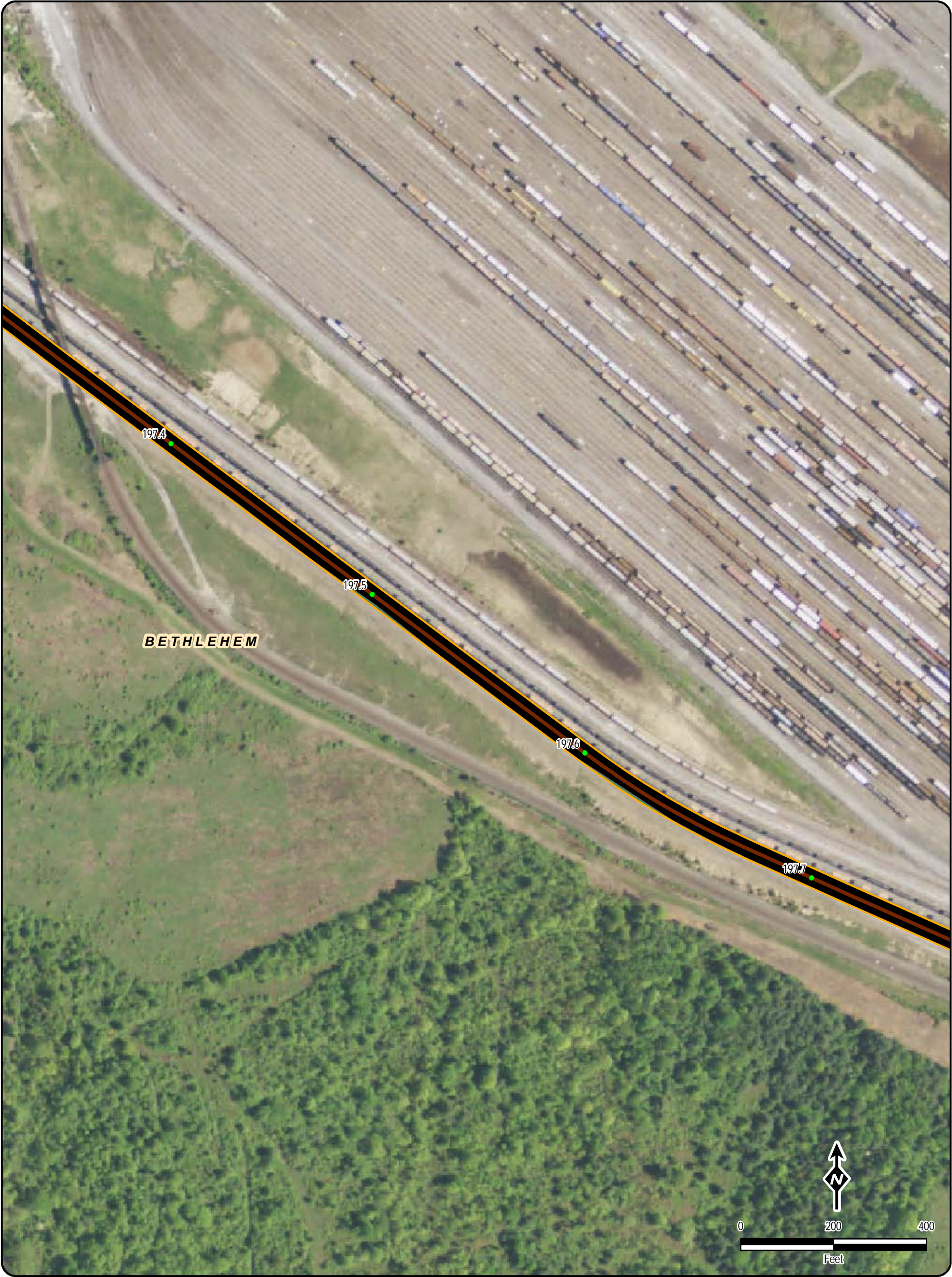
Underground Transmission

Cable Corridor

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# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1

Ecological Communities along the

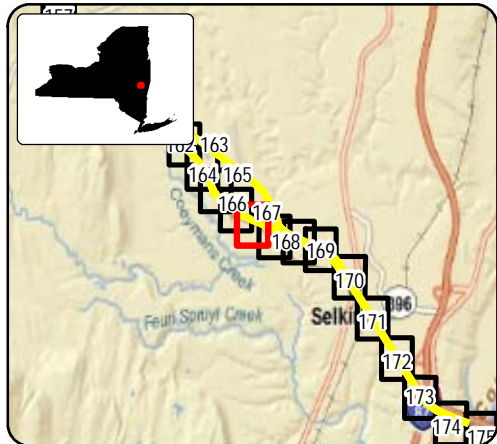
Underground Transmission

Cable Corridor

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Underwater Route

CP/CSX Railroad ROW

Spur

Milepost

Canal Lock

Construction Corridor

*TOWN NAME*

Ecological Type

Appalachian Oak-Pine Forest

Beech-Maple Mesic Forest

Brushy Cleared Land

Construction/Road Maintenance Spoils

Crop Land/Field Crops

Hemlock-Northern Hardwood Forest

Herbicide-Sprayed Roadside/Pathway

Impounded Marsh

Junkyard

Mine Spoils

Mowed Lawn

Mowed Lawn with Trees

Mowed Roadside Pathway

Oak-Tulip Tree Forest

Paved Road/Path

Pine Plantation

Pine-Northern Hardwood Forest

Pitch Pine-Oak Forest

Railroad

River/Stream

Roadcut Cliff/Slope

Rock Quarry

Spruce/Fir Plantation

Successional Northern Hardwoods

Successional Old Field

Successional Shrubland

Successional Southern Hardwoods

Unpaved Road/Path

Wetland

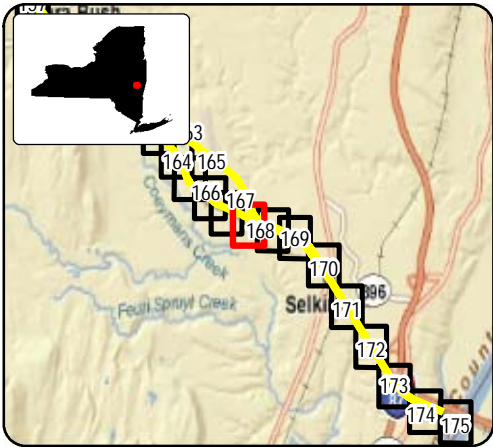
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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
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DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

LEGEND		
Underwater Route	Ecological Type	Paved Road/Path
CP/CSX Railroad ROW	Appalachian Oak-Pine Forest	Pine Plantation
Spur	Beech-Maple Mesic Forest	Pine-Northern Hardwood Forest
Milepost	Brushy Cleared Land	Pitch Pine-Oak Forest
Canal Lock	Construction/Road Maintenance Spoils	Railroad
Construction Corridor	Crop Land/Field Crops	River/Stream
<i>TOWN NAME</i>	Hemlock-Northern Hardwood Forest	Roadcut Cliff/Slope
	Herbicide-Sprayed Roadside/Pathway	Rock Quarry
	Impounded Marsh	Spruce/Fir Plantation
	Junkyard	Successional Northern Hardwoods
	Mine Spoils	Successional Old Field
	Mowed Lawn	Successional Shrubland
	Mowed Lawn with Trees	Successional Southern Hardwoods
	Mowed Roadside Pathway	Unpaved Road/Path
	Oak-Tulip Tree Forest	Wetland

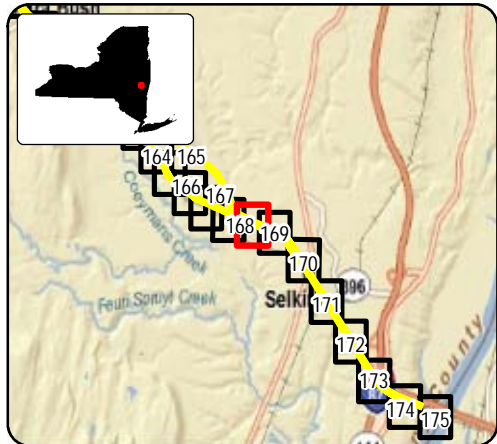
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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
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# LEGEND

Underwater Route
 CP/CSX Railroad ROW
 Spur
 Milepost
 Canal Lock
 Construction Corridor
 *TOWN NAME*

## Ecological Type

 Appalachian Oak-Pine Forest
 Beech-Maple Mesic Forest
 Brushy Cleared Land
 Construction/Road Maintenance Spoils
 Crop Land/Field Crops
 Hemlock-Northern Hardwood Forest
 Herbicide-Sprayed Roadside/Pathway
 Impounded Marsh
 Junkyard
 Mine Spoils
 Mowed Lawn
 Mowed Lawn with Trees
 Mowed Roadside Pathway
 Oak-Tulip Tree Forest

Paved Road/Path
 Pine Plantation
 Pine-Northern Hardwood Forest
 Pitch Pine-Oak Forest
 Railroad
 River/Stream
 Roadcut Cliff/Slope
 Rock Quarry
 Spruce/Fir Plantation
 Successional Northern Hardwoods
 Successional Old Field
 Successional Shrubland
 Successional Southern Hardwoods
 Unpaved Road/Path
 Wetland

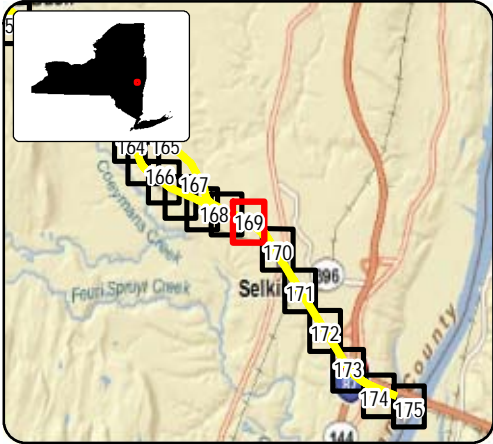
Transmission  
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Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
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DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
  Crop Land/Field Crops
  Hemlock-Northern Hardwood Forest
  Herbicide-Sprayed Roadside/Pathway
  Impounded Marsh
  Junkyard
  Mine Spoils
  Mowed Lawn
  Mowed Lawn with Trees
  Mowed Roadside Pathway
  Oak-Tulip Tree Forest

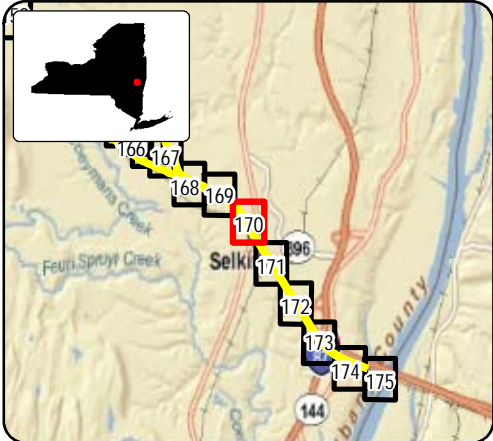
 Paved Road/Path
  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland

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Champlain Hudson Power Express Inc.

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
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DATA SOURCES: ESRI, NAIP ORTHOPHOTOGRAPHY 2009, TDI, TRC

### LEGEND

Underwater Route

CP/CSX Railroad ROW

Spur

Milepost

Canal Lock

Construction Corridor

TOWN NAME

Ecological Type

Appalachian Oak-Pine Forest

Beech-Maple Mesic Forest

Brushy Cleared Land

Construction/Road Maintenance Spoils

Crop Land/Field Crops

Hemlock-Northern Hardwood Forest

Herbicide-Sprayed Roadside/Pathway

Impounded Marsh

Junkyard

Mine Spoils

Mowed Lawn

Mowed Lawn with Trees

Mowed Roadside Pathway

Oak-Tulip Tree Forest

Paved Road/Path

Pine Plantation

Pine-Northern Hardwood Forest

Pitch Pine-Oak Forest

Railroad

River/Stream

Roadcut Cliff/Slope

Rock Quarry

Spruce/Fir Plantation

Successional Northern Hardwoods


Successional Old Field

Successional Shrubland

Successional Southern Hardwoods

Unpaved Road/Path

Wetland



Transmission  
Developers Inc.

Champlain Hudson Power Express Project

Champlain Hudson Power Express Inc.

Figure 4.4-1




Ecological Communities along the

Underground Transmission

Cable Corridor

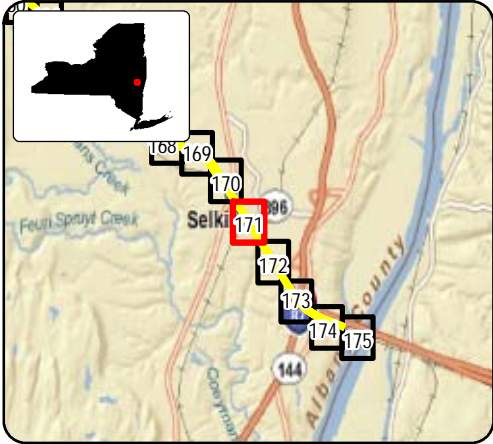
Sheet 170 of 175

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7/19/2010





# LEGEND


 Underwater Route  
 CP/CSX Railroad ROW  
 Spur  
 Milepost  
 Canal Lock  
 Construction Corridor  

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest  
 Beech-Maple Mesic Forest  
 Brushy Cleared Land  
 Construction/Road Maintenance Spoils  
 Crop Land/Field Crops  
 Hemlock-Northern Hardwood Forest  
 Herbicide-Sprayed Roadside/Pathway  
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 Mine Spoils  
 Mowed Lawn  
 Mowed Lawn with Trees  
 Mowed Roadside Pathway  
 Oak-Tulip Tree Forest

 Paved Road/Path  
 Pine Plantation  
 Pine-Northern Hardwood Forest  
 Pitch Pine-Oak Forest  
 Railroad  
 River/Stream  
 Roadcut Cliff/Slope  
 Rock Quarry  
 Spruce/Fir Plantation  
 Successional Northern Hardwoods  
 Successional Old Field  
 Successional Shrubland  
 Successional Southern Hardwoods  
 Unpaved Road/Path  
 Wetland



Transmission  
Developers Inc.

Champlain Hudson Power Express Project

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Figure 4.4-1

Ecological Communities along the

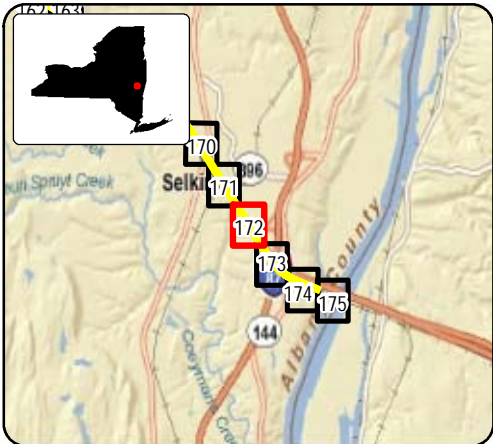
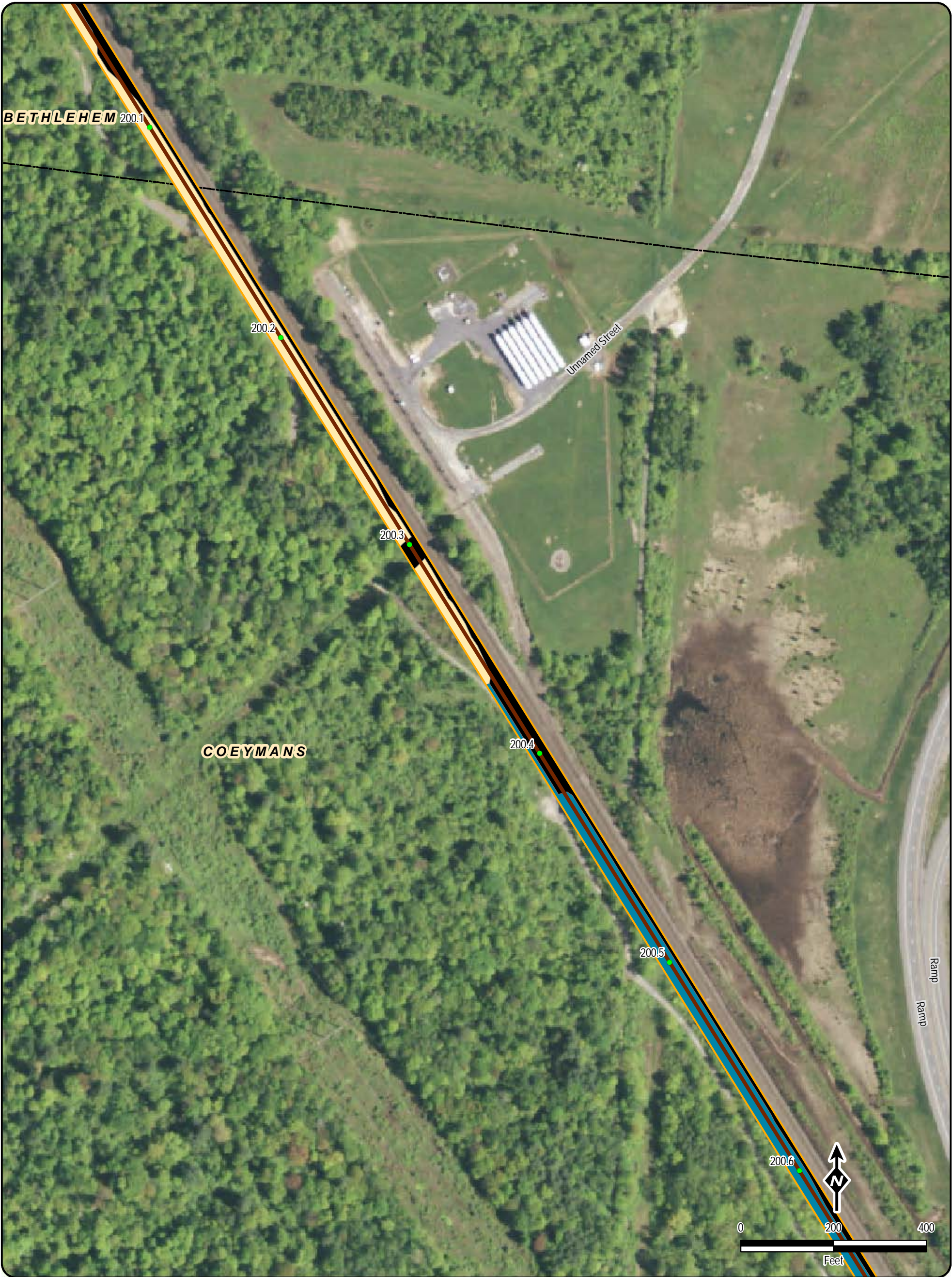
Underground Transmission

Cable Corridor

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# LEGEND

Underwater Route
 CP/CSX Railroad ROW
 Spur
 Milepost
 Canal Lock
 Construction Corridor
 *TOWN NAME*

## Ecological Type

 Appalachian Oak-Pine Forest
 Beech-Maple Mesic Forest
 Brushy Cleared Land
 Construction/Road Maintenance Spoils
 Crop Land/Field Crops
 Hemlock-Northern Hardwood Forest
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 Mowed Lawn with Trees
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Paved Road/Path
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 Pine-Northern Hardwood Forest
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 Railroad
 River/Stream
 Roadcut Cliff/Slope
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 Spruce/Fir Plantation
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 Successional Shrubland
 Successional Southern Hardwoods
 Unpaved Road/Path
 Wetland



Transmission  
Developers Inc.




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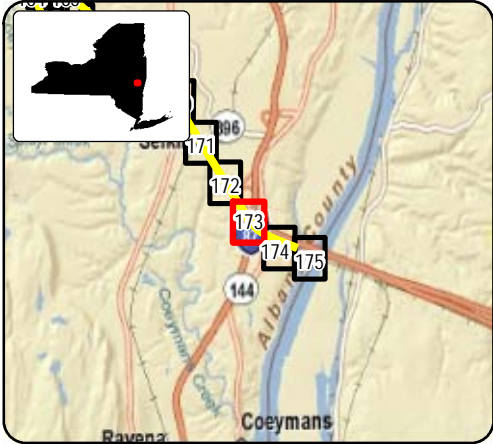
Figure 4.4-1

Ecological Communities along the  
Underground Transmission  
Cable Corridor

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# LEGEND

 Underwater Route  
 CP/CSX Railroad ROW  
 Spur  
 Milepost  
 Canal Lock  
 Construction Corridor  

TOWN NAME

Ecological Type

 Appalachian Oak-Pine Forest  
 Beech-Maple Mesic Forest  
 Brushy Cleared Land  
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 Spruce/Fir Plantation  
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 Successional Southern Hardwoods  
 Unpaved Road/Path  
 Wetland

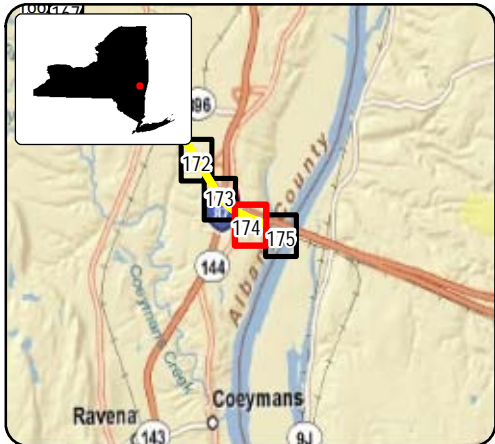
Transmission  
Developers Inc.

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*Champlain Hudson Power Express Inc.*

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
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# LEGEND


 Underwater Route  
 CP/CSX Railroad ROW  
 Spur  
 Milepost  
 Canal Lock  
 Construction Corridor  

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest  
 Beech-Maple Mesic Forest  
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 Successional Old Field  
 Successional Shrubland  
 Successional Southern Hardwoods  
 Unpaved Road/Path  
 Wetland



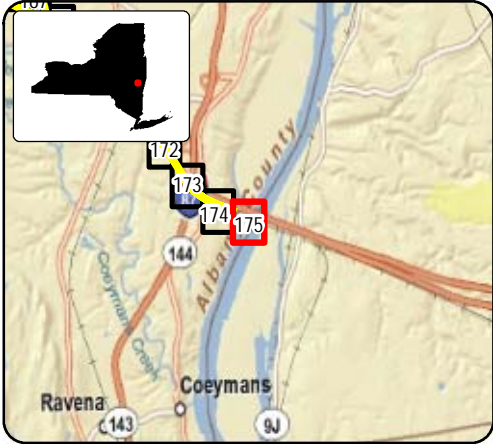
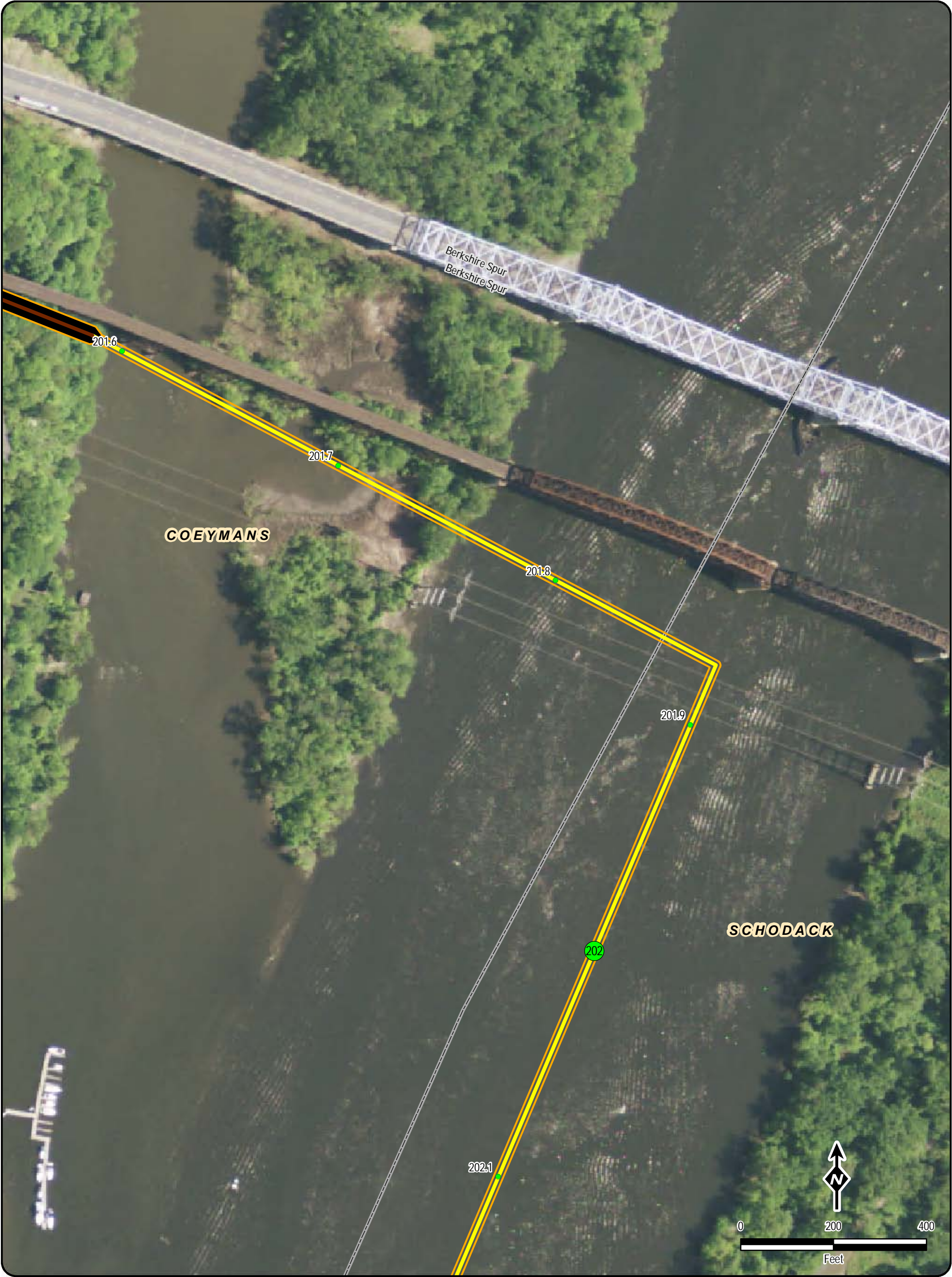
Transmission  
Developers Inc.

Champlain Hudson Power Express Project  
Champlain Hudson Power Express Inc.

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
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# LEGEND

 Underwater Route
  CP/CSX Railroad ROW
  Spur
  Milepost
  Canal Lock
  Construction Corridor
 

TOWN NAME

## Ecological Type

 Appalachian Oak-Pine Forest
  Beech-Maple Mesic Forest
  Brushy Cleared Land
  Construction/Road Maintenance Spoils
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  Hemlock-Northern Hardwood Forest
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  Mowed Roadside Pathway
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  Pine Plantation
  Pine-Northern Hardwood Forest
  Pitch Pine-Oak Forest
  Railroad
  River/Stream
  Roadcut Cliff/Slope
  Rock Quarry
  Spruce/Fir Plantation
  Successional Northern Hardwoods
  Successional Old Field
  Successional Shrubland
  Successional Southern Hardwoods
  Unpaved Road/Path
  Wetland

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*Champlain Hudson Power Express Inc.*

Figure 4.4-1  
Ecological Communities along the  
Underground Transmission  
Cable Corridor  
Sheet 175 of 175

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