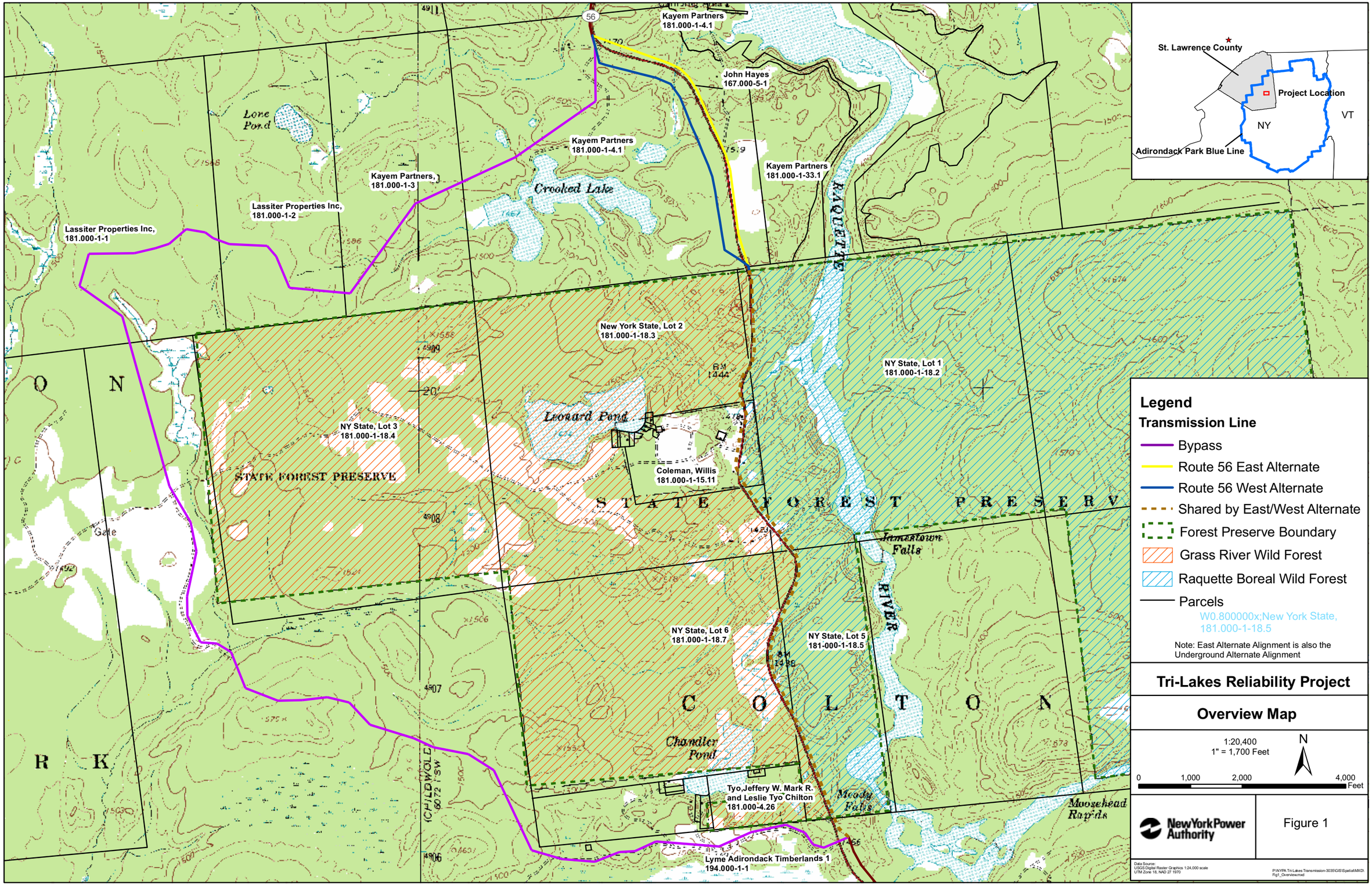
ATTACHMENT 10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John Hayes
167.000-5-1
Kayem Partners
181.000-1-4.1
Kayem Partners
181.000-1-33.1
Kayem Partners,
181.000-1-3
Lassiter Properties Inc,
181.000-1-2
Lassiter Properties Inc,
181.000-1-1
Lone Pond
Crooked Lake
RAQUETTE
New York State, Lot 2
181.000-1-18.3
NY State, Lot 1
181.000-1-18.2
NY State, Lot 3
181.000-1-18.4
Leonard Pond
Coleman, Willis
181.000-1-15.11
STATE FOREST PRESERVE
Jamestown Falls
RIVER
NY State, Lot 6
181.000-1-18.7
NY State, Lot 5
181.000-1-18.5
Chandler Pond
Tyo,Jeffery W. Mark R.
and Leslie Tyo Chilton
181.000-4.26
Moody Falls
Moosehead Rapids
Lyme Adirondack Timberlands 1
194.000-1-1
CHILDWOLD
Gate
St. Lawrence County
Project Location
NY
VT
Adirondack Park Blue Line
Legend
Transmission Line
Bypass
Route 56 East Alternate
Route 56 West Alternate
Shared by East/West Alternate
Forest Preserve Boundary
Grass River Wild Forest
Raquette Boreal Wild Forest
Parcels
W0.800000x;New York State,
181.000-1-18.5
Note: East Alternate Alignment is also the
Underground Alternate Alignment
Tri-Lakes Reliability Project
Overview Map
1:20,400
1" = 1,700 Feet
N
0
1,000
2,000
4,000
Feet
New York Power Authority
Figure 1
Data Source:
USGS Digital Raster Graphics 1:24,000 scale
UTM Zone 18, NAD 27 1970
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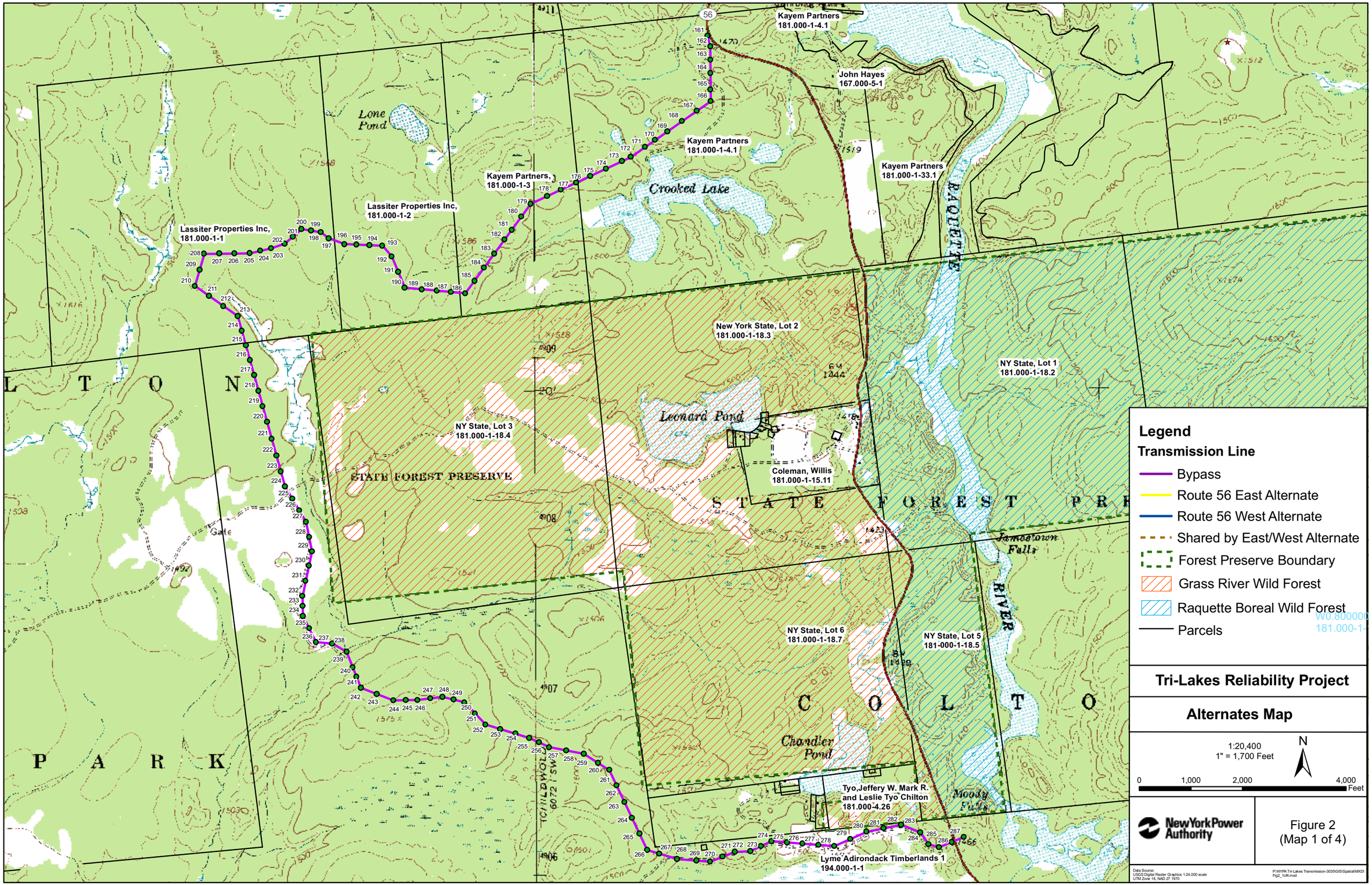
Fig1_Overview.mxd


Kayem Partners
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John Hayes
167.000-5-1
Kayem Partners
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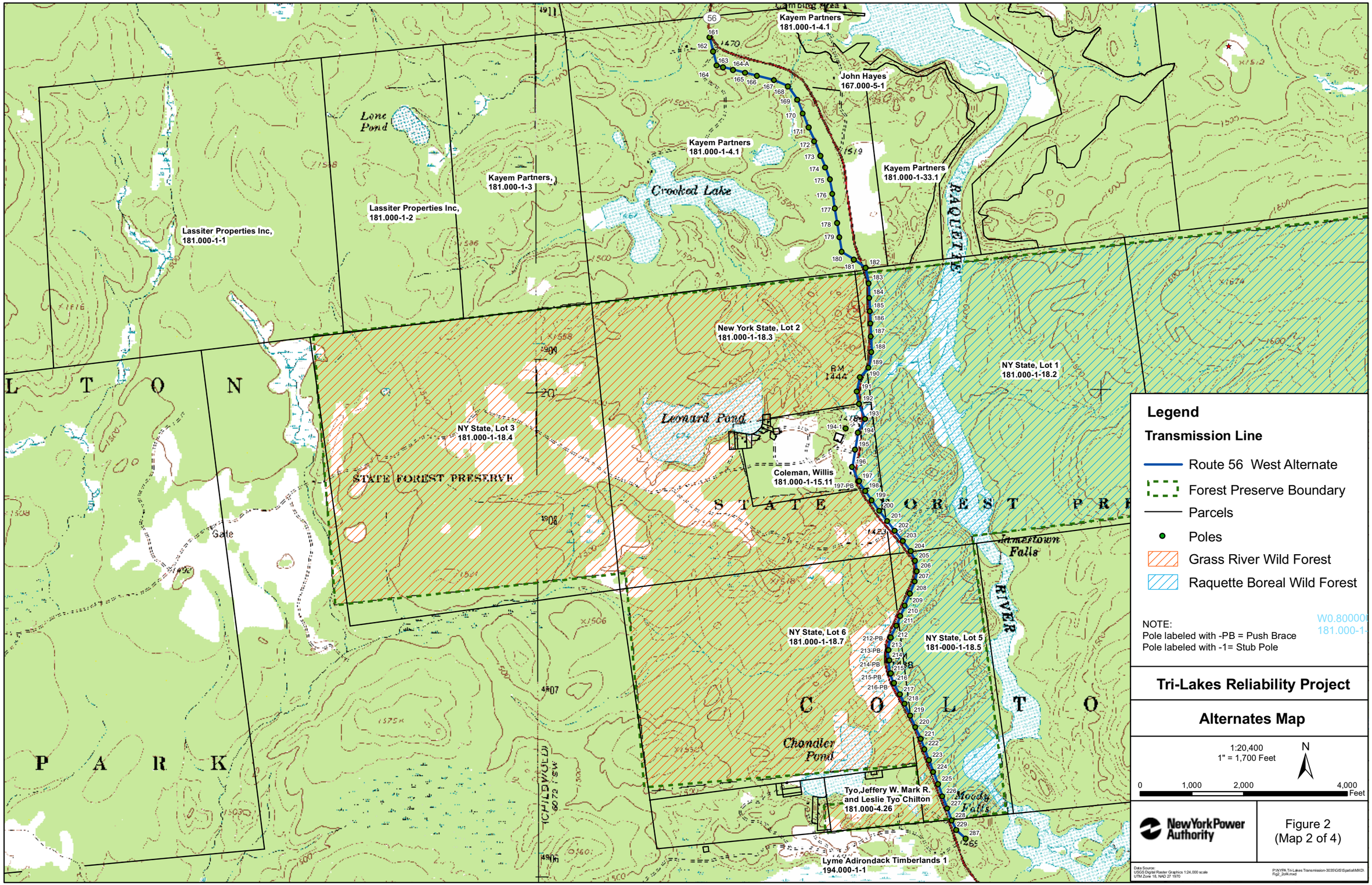
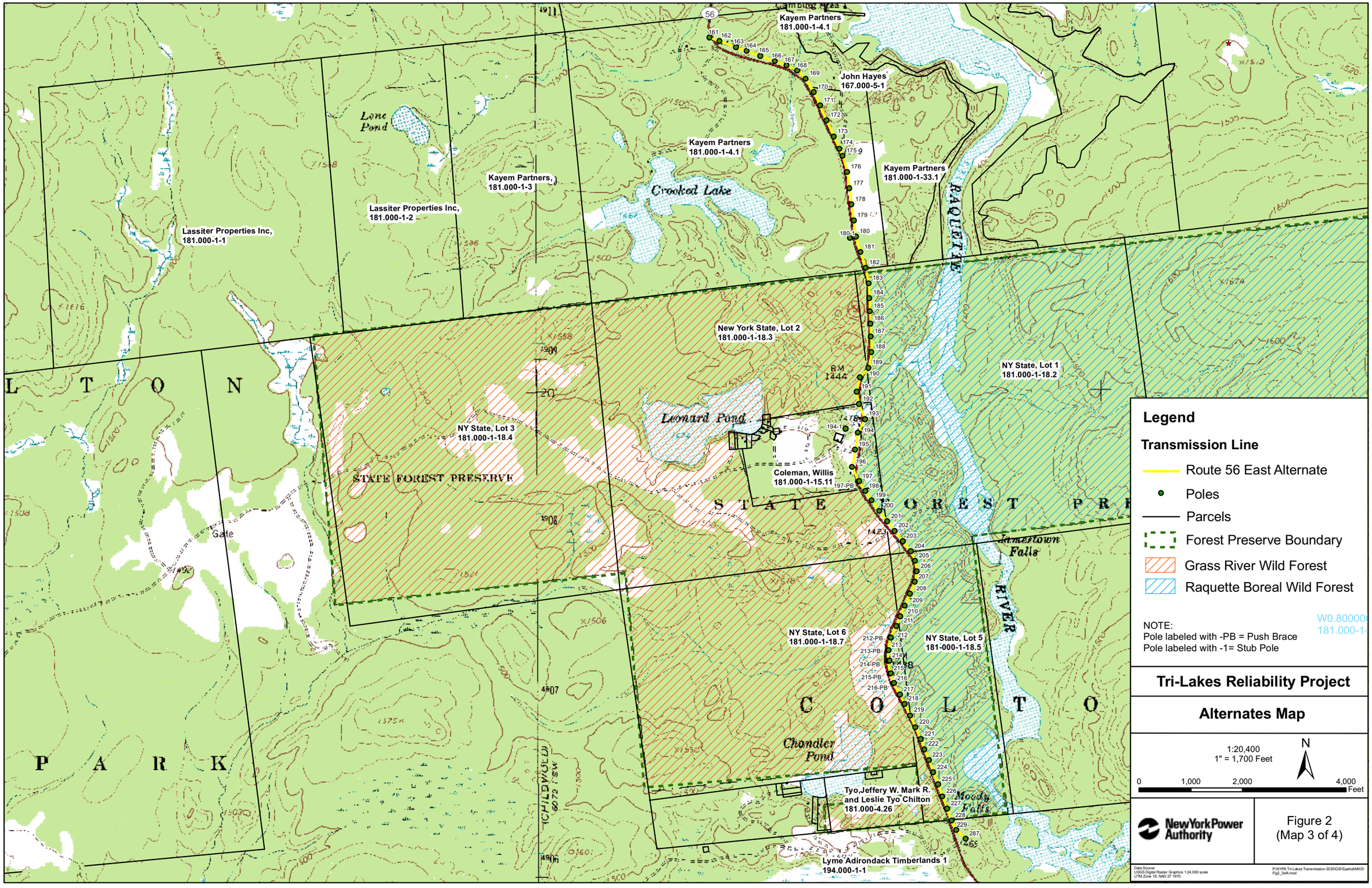
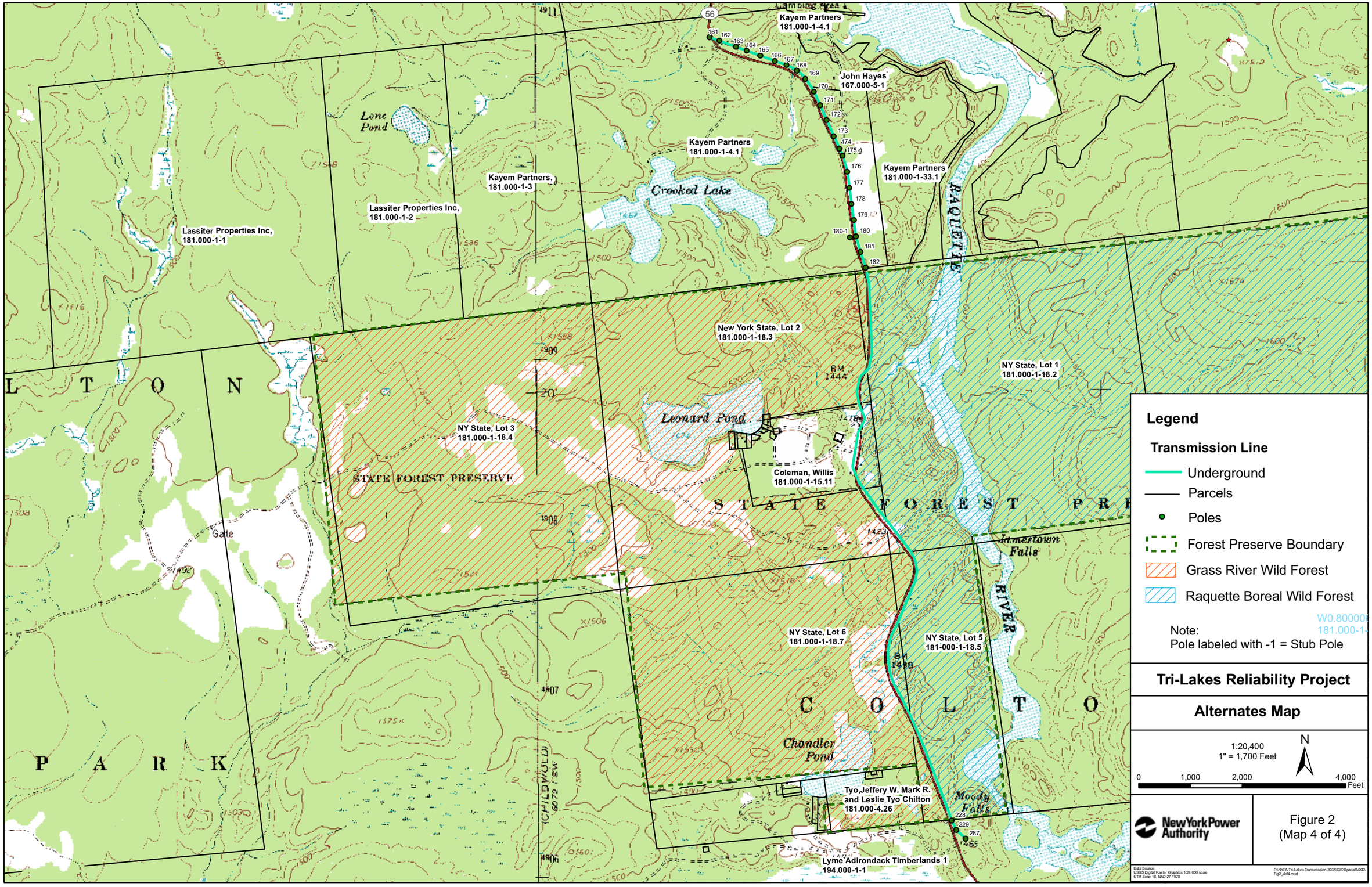
Kayem Partners
181.000-1-33.1
Kayem Partners,
181.000-1-3
Lassiter Properties Inc,
181.000-1-2
Lassiter Properties Inc,
181.000-1-1
Lone Pond
Crooked Lake
BAQUETTE
New York State, Lot 2
181.000-1-18.3
NY State, Lot 1
181.000-1-18.2
NY State, Lot 3
181.000-1-18.4
Leonard Pond
Coleman, Willis
181.000-1-15.11
STATE FOREST PRESERVE
S T A T E F O R E S T P R
Jamestown Falls
RIVER
NY State, Lot 6
181.000-1-18.7
NY State, Lot 5
181-000-1-18.5
C O L T O
Chandler Pond
Tyo,Jeffery W. Mark R.
and Leslie Tyo Chilton
181.000-4.26
Moody Falls
Lyme Adirondack Timberlands 1
194.000-1-1
L T O N
P A R K
Legend
Transmission Line
Bypass
Route 56 East Alternate
Route 56 West Alternate
Shared by East/West Alternate
Forest Preserve Boundary
Grass River Wild Forest
Raquette Boreal Wild Forest
Parcels
Tri-Lakes Reliability Project
Alternates Map
1:20,400
1" = 1,700 Feet
N
0
1,000
2,000
4,000
Feet
NewYorkPower Authority
Figure 2
(Map 1 of 4)
Data Source:
USGS Digital Raster Graphics 1:24,000 scale
UTM Zone 18, NAD 27 1970
P:\NYPA Tri-Lakes Transmission-3035\GIS\Spatial\MXD\
Fig2_1of4.mxd


Kayem Partners
181.000-1-4.1
John Hayes
167.000-5-1
Kayem Partners
181.000-1-4.1
Kayem Partners
181.000-1-33.1
Kayem Partners,
181.000-1-3
Lassiter Properties Inc,
181.000-1-2
Lassiter Properties Inc,
181.000-1-1
Lone Pond
Crooked Lake
RAQUETTE
New York State, Lot 2
181.000-1-18.3
NY State, Lot 1
181.000-1-18.2
NY State, Lot 3
181.000-1-18.4
Leonard Pond
Coleman, Willis
181.000-1-15.11
STATE FOREST PRESERVE
Timmerlown Falls
RIVER
NY State, Lot 6
181.000-1-18.7
NY State, Lot 5
181-000-1-18.5
Chandler Pond
Tyo,Jeffery W. Mark R.
and Leslie Tyo Chilton
181.000-4.26
Moody Falls
Lyme Adirondack Timberlands 1
194.000-1-1
L T O N
P A R K
C O L T O
Legend
Transmission Line
Route 56 West Alternate
Forest Preserve Boundary
Parcels
Poles
Grass River Wild Forest
Raquette Boreal Wild Forest
NOTE:
Pole labeled with -PB = Push Brace
Pole labeled with -1= Stub Pole
Tri-Lakes Reliability Project
Alternates Map
1:20,400
1" = 1,700 Feet
N
0
1,000
2,000
4,000
Feet
New York Power Authority
Figure 2
(Map 2 of 4)
Data Source:
USGS Digital Raster Graphics 1:24,000 scale
UTM Zone 18, NAD 27 1970
P:\NYPA Tri-Lakes Transmission-3035\GIS\Spatial\MXD\
Fig2_2of4.mxd


Kayem Partners
181.000-1-4.1
John Hayes
167.000-5-1
Kayem Partners
181.000-1-4.1
Kayem Partners
181.000-1-33.1
Kayem Partners,
181.000-1-3
Lassiter Properties Inc,
181.000-1-2
Lassiter Properties Inc,
181.000-1-1
Lone Pond
Crooked Lake
RAQUETTE
New York State, Lot 2
181.000-1-18.3
NY State, Lot 1
181.000-1-18.2
NY State, Lot 3
181.000-1-18.4
Leonard Pond
Coleman, Willis
181.000-1-15.11
STATE FOREST PRESERVE
Antwerpen Falls
NY State, Lot 6
181.000-1-18.7
NY State, Lot 5
181-000-1-18.5
Chandler Pond
Tyo,Jeffery W. Mark R.
and Leslie Tyo Chilton
181.000-4.26
Moody Falls
Lyme Adirondack Timberlands 1
194.000-1-1
Legend
Transmission Line
Route 56 East Alternate
Poles
Parcels
Forest Preserve Boundary
Grass River Wild Forest
Raquette Boreal Wild Forest
NOTE:
Pole labeled with -PB = Push Brace
Pole labeled with -1= Stub Pole
Tri-Lakes Reliability Project
Alternates Map
1:20,400
1" = 1,700 Feet
N
0
1,000
2,000
4,000
Feet
New York Power Authority
Figure 2
(Map 3 of 4)
Data Source:
USGS Digital Raster Graphics 1:24,000 scale
UTM Zone 18, NAD 27 1970
P:\NYPA Tri-Lakes Transmission-3035\GIS\Spatial\MXD\Fig2_3of4.mxd


Kayem Partners
181.000-1-4.1
John Hayes
167.000-5-1
Kayem Partners
181.000-1-4.1
Kayem Partners
181.000-1-33.1
Kayem Partners,
181.000-1-3
Lassiter Properties Inc,
181.000-1-2
Lassiter Properties Inc,
181.000-1-1
Lone Pond
Crooked Lake
RAQUETTE
New York State, Lot 2
181.000-1-18.3
NY State, Lot 1
181.000-1-18.2
Leonard Pond
NY State, Lot 3
181.000-1-18.4
STATE FOREST PRESERVE
Coleman, Willis
181.000-1-15.11
Jamestown Falls
RIVER
NY State, Lot 6
181.000-1-18.7
NY State, Lot 5
181-000-1-18.5
Chandler Pond
Tyo,Jeffery W. Mark R.
and Leslie Tyo Chilton
181.000-4.26
Moody Falls
Lyme Adirondack Timberlands 1
194.000-1-1
Legend
Transmission Line
Underground
Parcels
Poles
Forest Preserve Boundary
Grass River Wild Forest
Raquette Boreal Wild Forest
Note:
Pole labeled with -1 = Stub Pole
Tri-Lakes Reliability Project
Alternates Map
1:20,400
1" = 1,700 Feet
N
0
1,000
2,000
4,000
Feet
NewYorkPower Authority
Figure 2
(Map 4 of 4)
Data Source:
USGS Digital Raster Graphics 1:24,000 scale
UTM Zone 18, NAD 27 1970
P:\NYPA Tri-Lakes Transmission-3035\GIS\Spatial\MXD\
Fig2_4of4.mxd

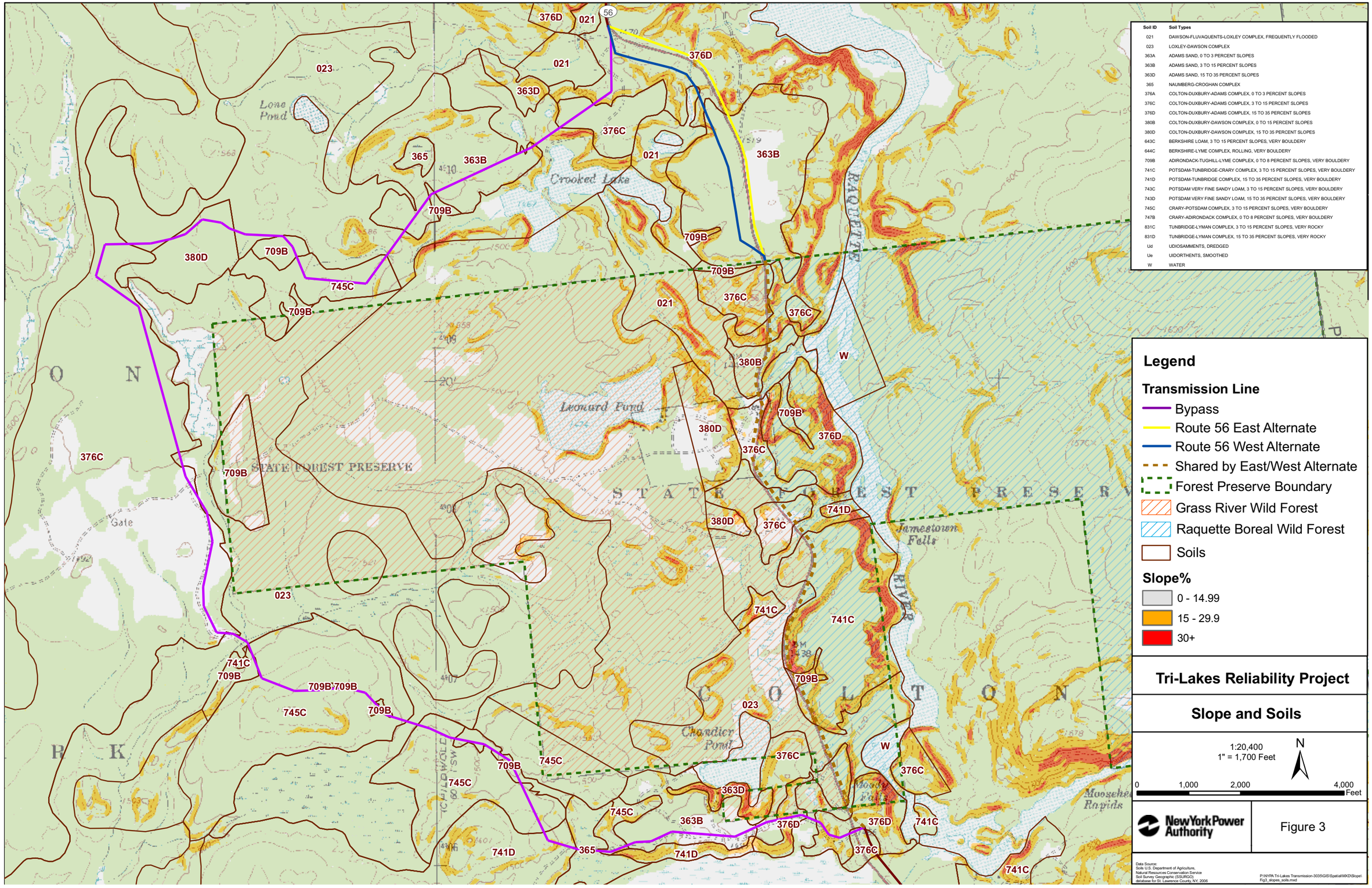

Soil ID | Soil Types
021 | DAWSON-FLUVAQUENTS-LOXLEY COMPLEX, FREQUENTLY FLOODED
023 | LOXLEY-DAWSON COMPLEX
363A | ADAMS SAND, 0 TO 3 PERCENT SLOPES
363B | ADAMS SAND, 3 TO 15 PERCENT SLOPES
363D | ADAMS SAND, 15 TO 35 PERCENT SLOPES
365 | NAUMBERG-CROGHAN COMPLEX
376A | COLTON-DUXBURY-ADAMS COMPLEX, 0 TO 3 PERCENT SLOPES
376C | COLTON-DUXBURY-ADAMS COMPLEX, 3 TO 15 PERCENT SLOPES
376D | COLTON-DUXBURY-ADAMS COMPLEX, 15 TO 35 PERCENT SLOPES
380B | COLTON-DUXBURY-DAWSON COMPLEX, 0 TO 15 PERCENT SLOPES
380D | COLTON-DUXBURY-DAWSON COMPLEX, 15 TO 35 PERCENT SLOPES
643C | BERKSHIRE LOAM, 3 TO 15 PERCENT SLOPES, VERY BOULDERY
644C | BERKSHIRE-LYME COMPLEX, ROLLING, VERY BOULDERY
709B | ADIRONDACK-TUGHILL-LYME COMPLEX, 0 TO 8 PERCENT SLOPES, VERY BOULDERY
741C | POTSDAM-TUNBRIDGE-CRARY COMPLEX, 3 TO 15 PERCENT SLOPES, VERY BOULDERY
741D | POTSDAM-TUNBRIDGE COMPLEX, 15 TO 35 PERCENT SLOPES, VERY BOULDERY
743C | POTSDAM VERY FINE SANDY LOAM, 3 TO 15 PERCENT SLOPES, VERY BOULDERY
743D | POTSDAM VERY FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY BOULDERY
745C | CRARY-POTSDAM COMPLEX, 3 TO 15 PERCENT SLOPES, VERY BOULDERY
747B | CRARY-ADIRONDACK COMPLEX, 0 TO 8 PERCENT SLOPES, VERY BOULDERY
831C | TUNBRIDGE-LYMAN COMPLEX, 3 TO 15 PERCENT SLOPES, VERY ROCKY
831D | TUNBRIDGE-LYMAN COMPLEX, 15 TO 35 PERCENT SLOPES, VERY ROCKY
Ud | UDIOSAMMENTS, DREDGED
Ue | UIDORTHENTS, SMOOTHED
W | WATER
Legend
Transmission Line
Bypass
Route 56 East Alternate
Route 56 West Alternate
Shared by East/West Alternate
Forest Preserve Boundary
Grass River Wild Forest
Raquette Boreal Wild Forest
Soils
Slope%
0 - 14.99
15 - 29.9
30+
Tri-Lakes Reliability Project
Slope and Soils
1:20,400
1" = 1,700 Feet
N
0
1,000
2,000
4,000
Feet
NewYorkPower Authority
Figure 3
Data Source:
Soils U.S. Department of Agriculture,
Natural Resources Conservation Service
Soil Survey Geographic (SSURGO)
database for St. Lawrence County, NY, 2006
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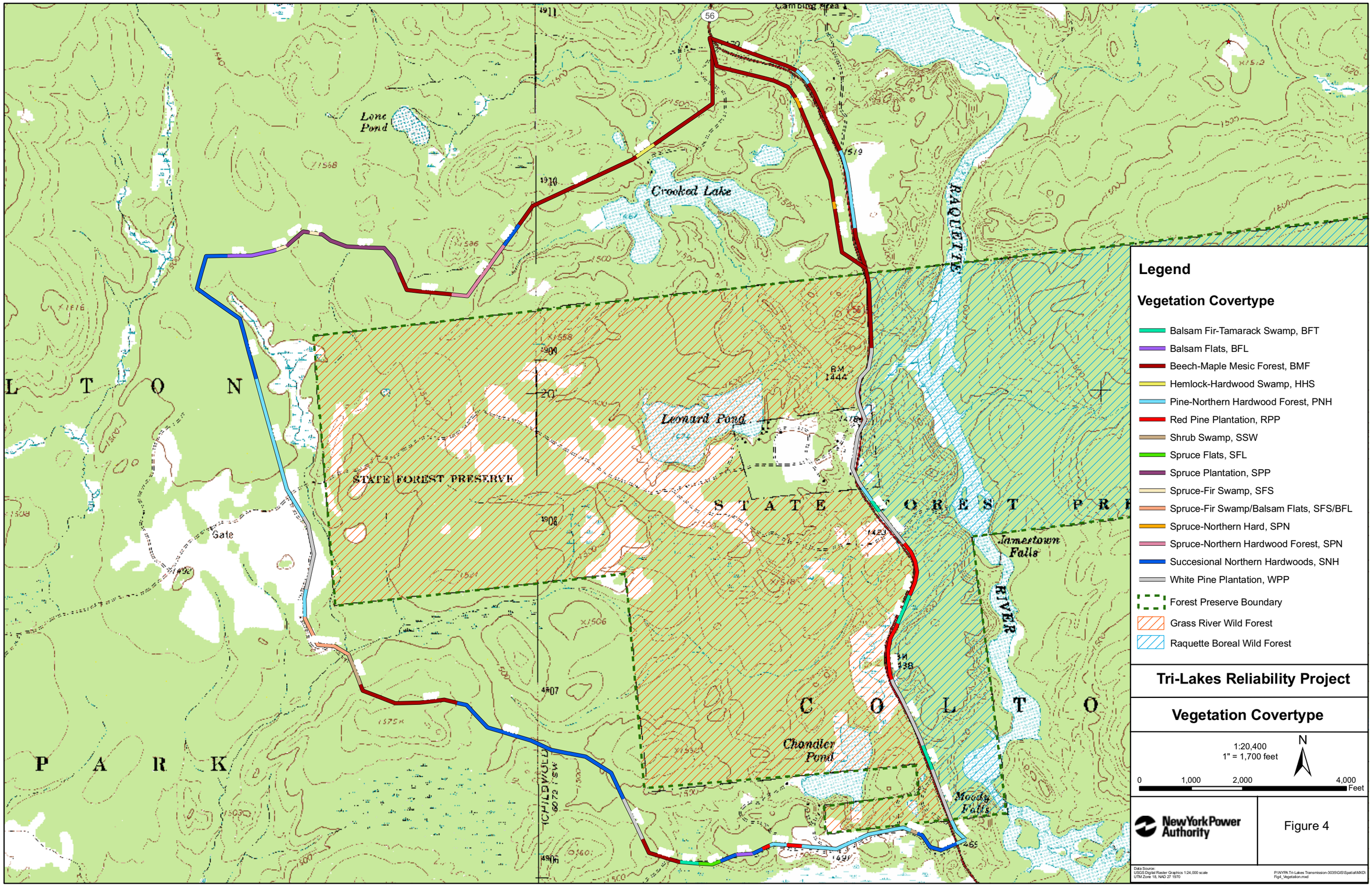
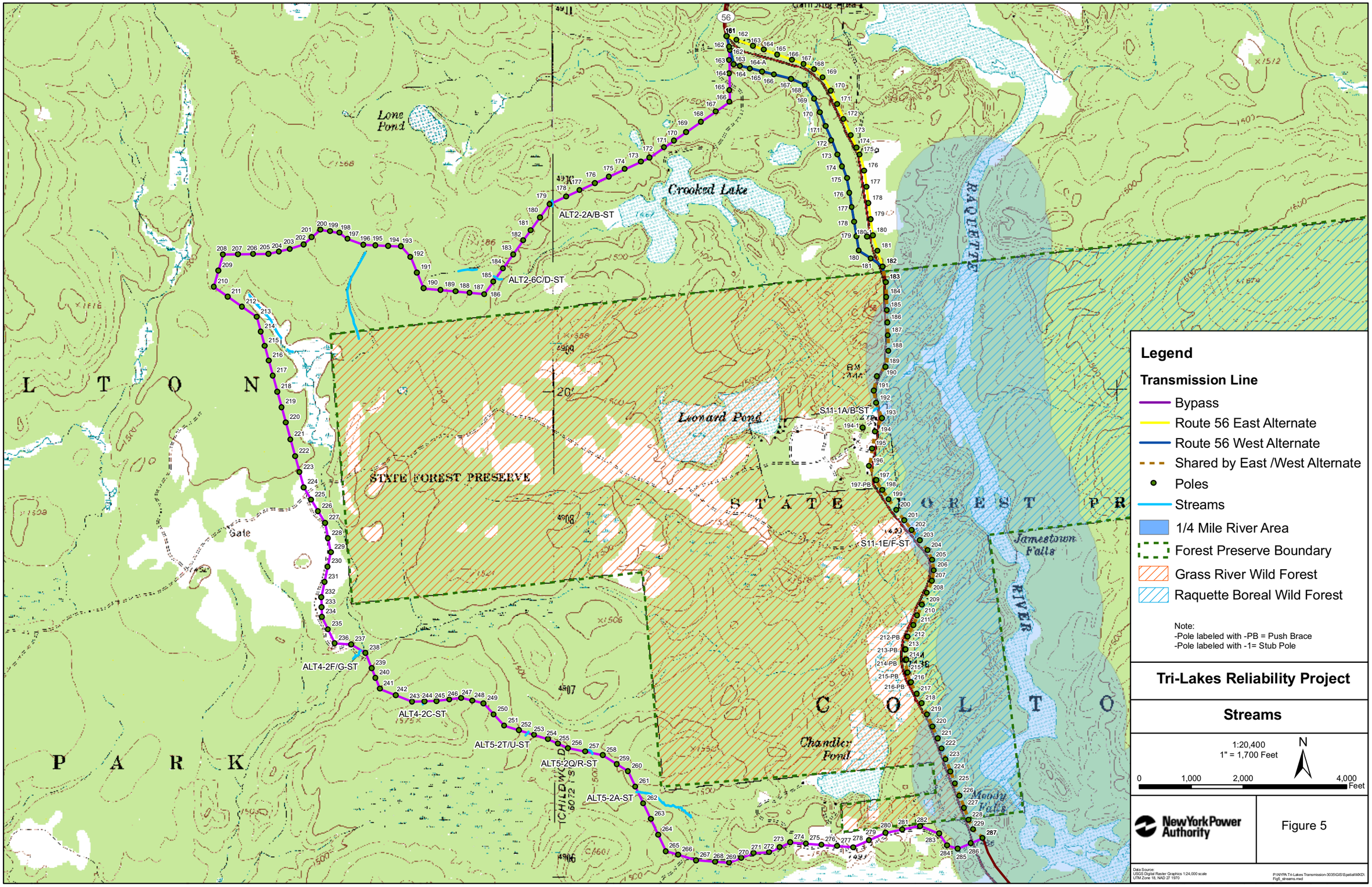
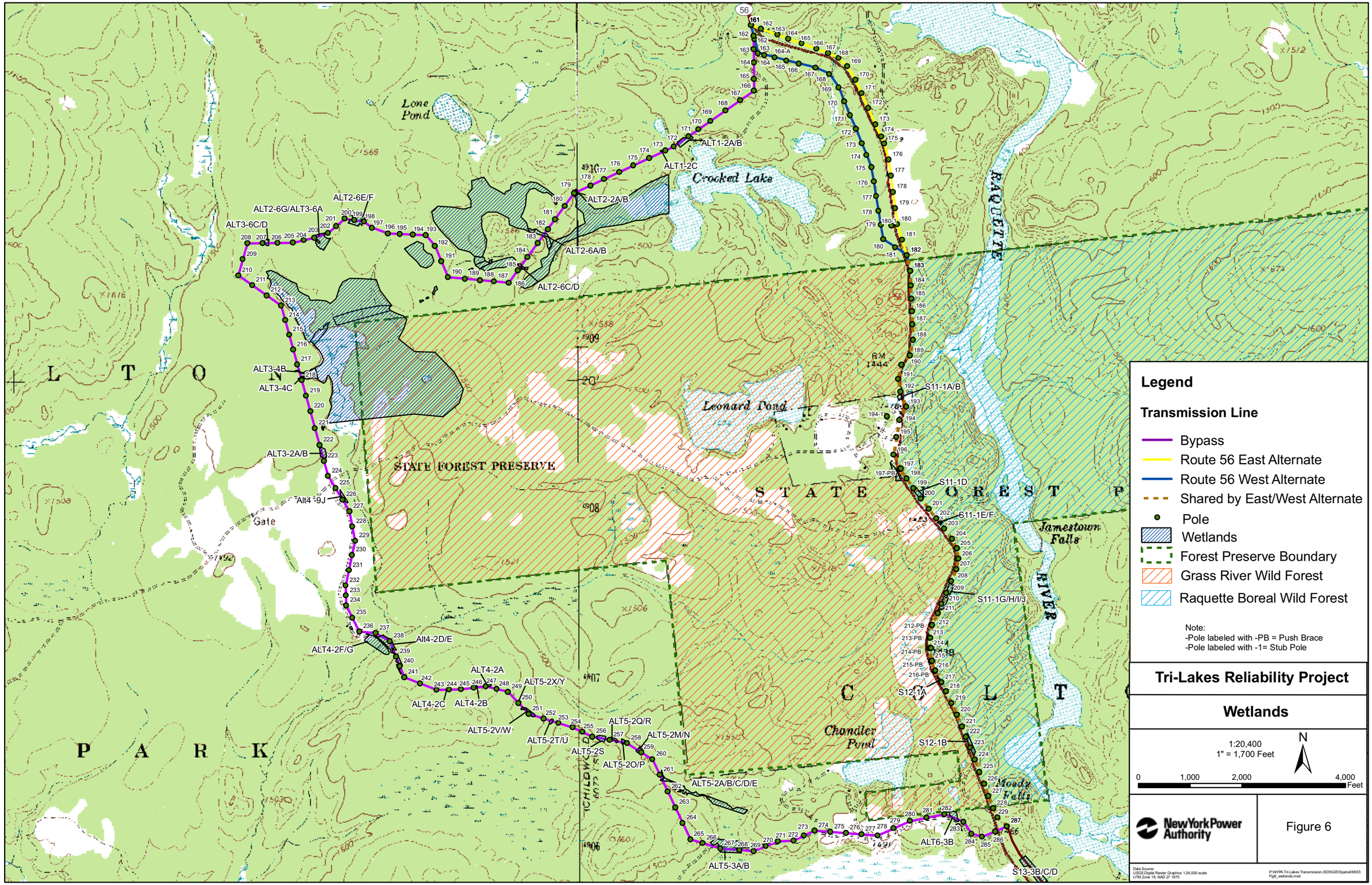
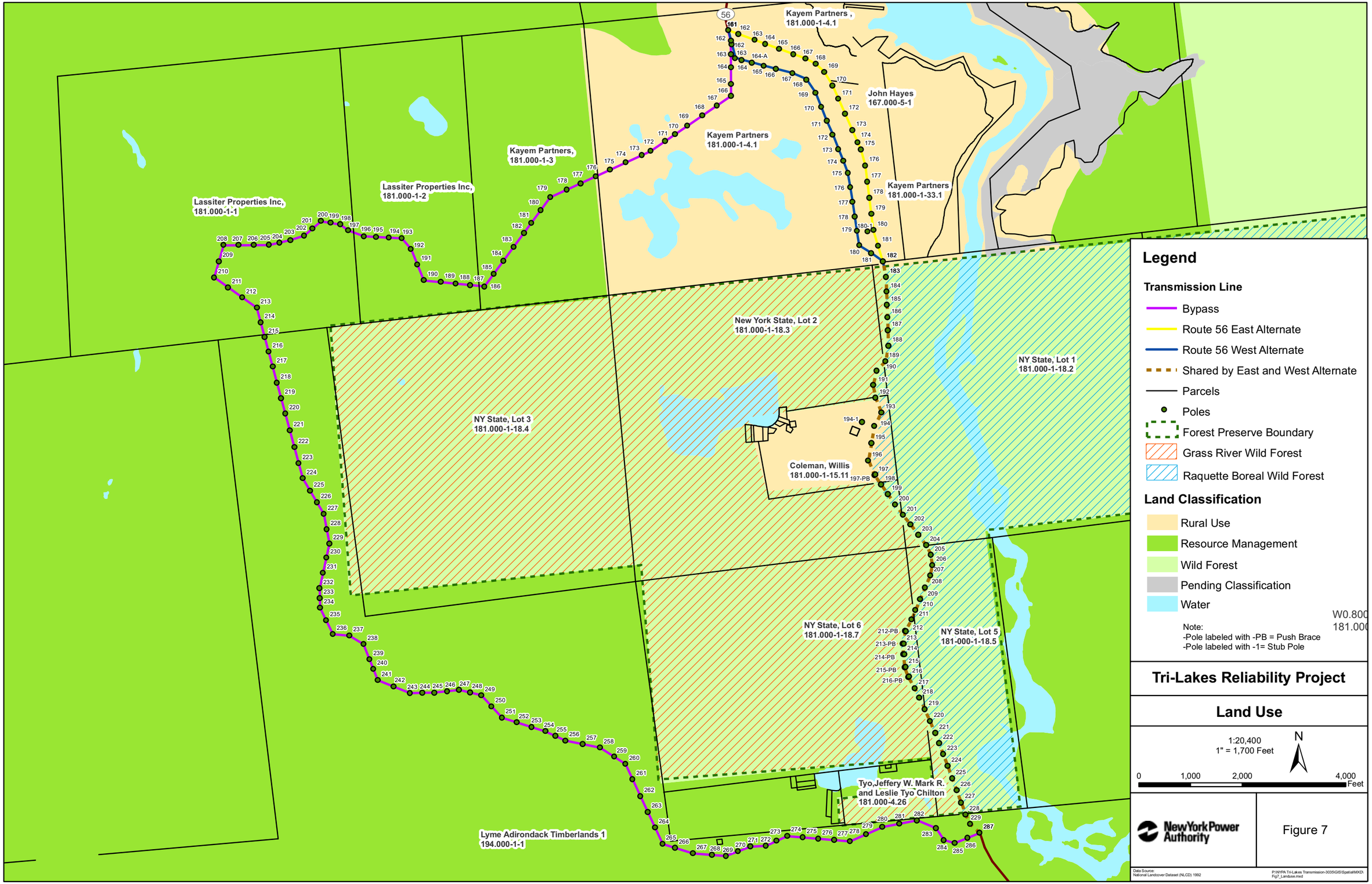
Fig3_slopes_soils.mxd
56
Lone Pond
Crooked Lake
Leonard Pond
Chandler Pond
Jamestown Falls
Moosehead Rapids
STATE FOREST PRESERVE
RAQUETTE
RIVER
Gate
376D
021
023
363D
376C
365
363B
709B
380D
745C
741C
741D
380B
W
741D
741C
709B
745C
741D
741C
741C
741D
741C
741C
741D
741C
741C
741C


Legend
Vegetation Covertype
Balsam Fir-Tamarack Swamp, BFT
Balsam Flats, BFL
Beech-Maple Mesic Forest, BMF
Hemlock-Hardwood Swamp, HHS
Pine-Northern Hardwood Forest, PNH
Red Pine Plantation, RPP
Shrub Swamp, SSW
Spruce Flats, SFL
Spruce Plantation, SPP
Spruce-Fir Swamp, SFS
Spruce-Fir Swamp/Balsam Flats, SFS/BFL
Spruce-Northern Hard, SPN
Spruce-Northern Hardwood Forest, SPN
Succesional Northern Hardwoods, SNH
White Pine Plantation, WPP
Forest Preserve Boundary
Grass River Wild Forest
Raquette Boreal Wild Forest
Tri-Lakes Reliability Project
Vegetation Covertype
1:20,400
1" = 1,700 feet
N
0
1,000
2,000
4,000
Feet
New York Power Authority
Figure 4
Data Source:
USGS Digital Raster Graphics 1:24,000 scale
UTM Zone 18, NAD 27 1970
P:\NYPA Tri-Lakes Transmission-3035\GIS\Spatial\MXD\
Fig4_Vegetation.mxd
56
Lone Pond
Crooked Lake
RAQUETTE
Leonard Pond
STATE FOREST PRESERVE
S T A T E
F O R E S T
P R
C O L T O
P A R K
L T O N
Gate
Jamestown Falls
RIVER
Chandler Pond
Moody Falls
CHILDWOLD
Camping area


Legend
Transmission Line
Bypass
Route 56 East Alternate
Route 56 West Alternate
Shared by East /West Alternate
Poles
Streams
1/4 Mile River Area
Forest Preserve Boundary
Grass River Wild Forest
Raquette Boreal Wild Forest
Note:
-Pole labeled with -PB = Push Brace
-Pole labeled with -1= Stub Pole
Tri-Lakes Reliability Project
Streams
1:20,400
1" = 1,700 Feet
0
1,000
2,000
4,000
Feet
N
New York Power Authority
Figure 5
Data Source:
USGS Digital Raster Graphics 1:24,000 scale
UTM Zone 18, NAD 27 1970
P:\NYPA Tri-Lakes Transmission-3035\GIS\Spatial\MXDs\
Fig5_streams.mxd
Lone Pond
Crooked Lake
Leonard Pond
Chandler Pond
Jamestown Falls
Moody Falls
RAQUETTE
RIVER
STATE FOREST PRESERVE
STATE FOREST PR
COLTON
PARK
LTON
Gate
ALT2-2A/B-ST
ALT2-6C/D-ST
S11-1A/B-ST
S11-1E/F-ST
ALT4-2F/G-ST
ALT4-2C-ST
ALT5-2T/U-ST
ALT5-2Q/R-ST
ALT5-2A-ST


Legend
Transmission Line
Bypass
Route 56 East Alternate
Route 56 West Alternate
Shared by East/West Alternate
Pole
Wetlands
Forest Preserve Boundary
Grass River Wild Forest
Raquette Boreal Wild Forest
Note:
-Pole labeled with -PB = Push Brace
-Pole labeled with -1= Stub Pole
Tri-Lakes Reliability Project
Wetlands
1:20,400
1" = 1,700 Feet
N
0
1,000
2,000
4,000
Feet
NewYorkPower Authority
Figure 6
Data Source:
USGS Digital Raster Graphics 1:24,000 scale
UTM Zone 18, NAD 27 1970
P:\NYPA Tri-Lakes Transmission-3035\GIS\Spatial\MXD\
Fig6_wetlands.mxd
Lone Pond
Crooked Lake
Leonard Pond
Chandler Pond
Jamestown Falls
Moodys Falls
RAQUETTE
RIVER
STATE FOREST PRESERVE
STATE FOREST PRESERVE
L T O N
P A R K
C L T
Gate
ALT1-2A/B
ALT1-2C
ALT2-2A/B
ALT2-6A/B
ALT2-6C/D
ALT2-6E/F
ALT2-6G/ALT3-6A
ALT3-6C/D
ALT3-4B
ALT3-4C
ALT3-2A/B
Alt4-9J
ALT4-2F/G
Alt4-2D/E
ALT4-2A
ALT4-2B
ALT4-2C
ALT5-2X/Y
ALT5-2V/W
ALT5-2T/U
ALT5-2S
ALT5-2Q/R
ALT5-2O/P
ALT5-2M/N
ALT5-2A/B/C/D/E
ALT5-3A/B
ALT6-3B
S11-1A/B
S11-1D
S11-1E/F
S11-1G/H/I/J
S12-1A
S12-1B
S13-3B/C/D


Kayem Partners ,
181.000-1-4.1
John Hayes
167.000-5-1
Kayem Partners
181.000-1-4.1
Kayem Partners,
181.000-1-3
Kayem Partners
181.000-1-33.1
Lassiter Properties Inc,
181.000-1-2
Lassiter Properties Inc,
181.000-1-1
New York State, Lot 2
181.000-1-18.3
NY State, Lot 1
181.000-1-18.2
NY State, Lot 3
181.000-1-18.4
Coleman, Willis
181.000-1-15.11
NY State, Lot 6
181.000-1-18.7
NY State, Lot 5
181-000-1-18.5
Tyo,Jeffery W. Mark R.
and Leslie Tyo Chilton
181.000-4.26
Lyme Adirondack Timberlands 1
194.000-1-1
Legend
Transmission Line
Bypass
Route 56 East Alternate
Route 56 West Alternate
Shared by East and West Alternate
Parcels
Poles
Forest Preserve Boundary
Grass River Wild Forest
Raquette Boreal Wild Forest
Land Classification
Rural Use
Resource Management
Wild Forest
Pending Classification
Water
Note:
-Pole labeled with -PB = Push Brace
-Pole labeled with -1= Stub Pole
Tri-Lakes Reliability Project
Land Use
1:20,400
1" = 1,700 Feet
N
0
1,000
2,000
4,000
Feet
New York Power Authority
Figure 7
Data Source:
National Landcover Dataset (NLCD) 1992