

ATTACHMENT A

FIGURES

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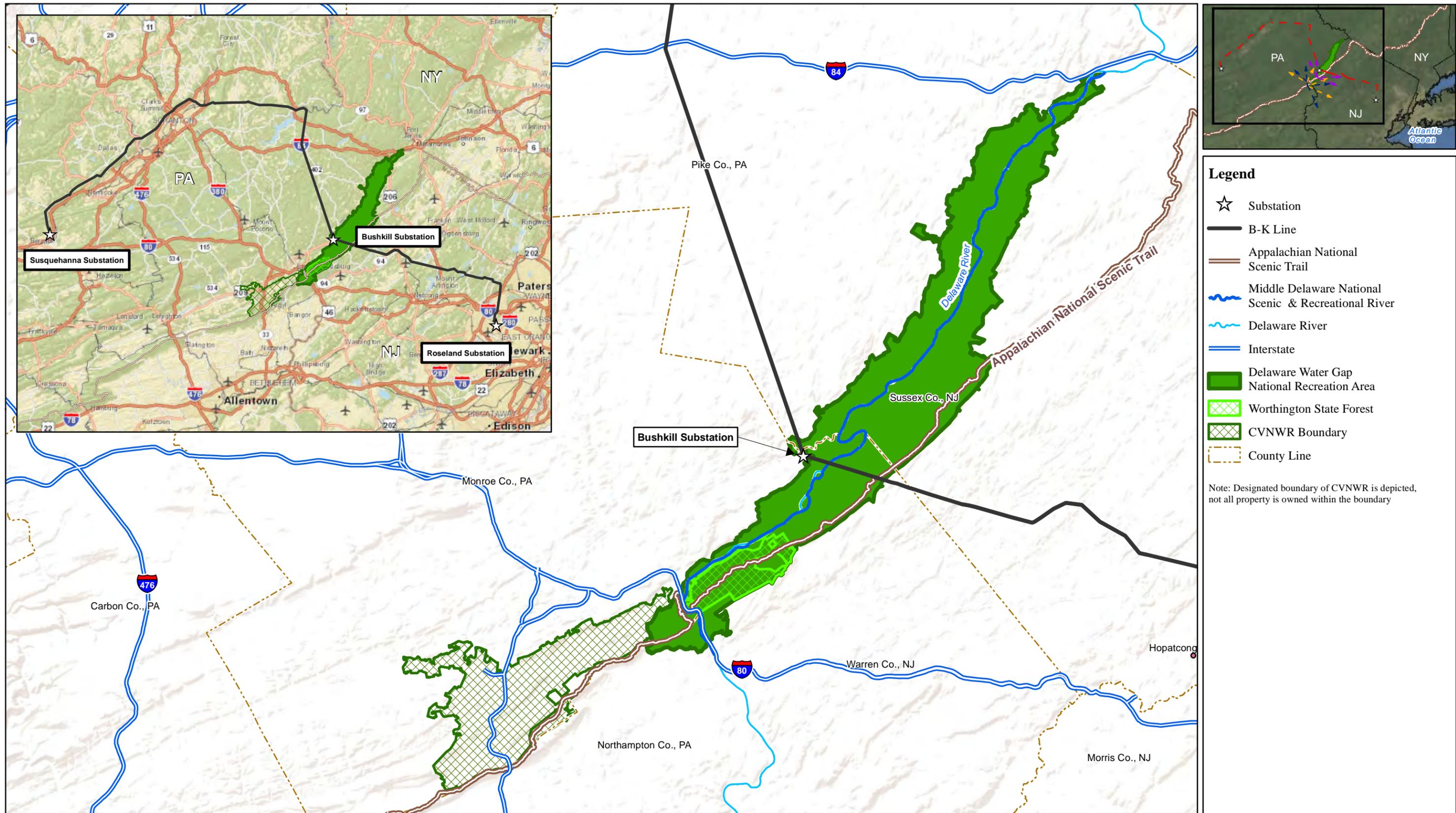
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- Figure 4: Alternative 1 and 2 Wetlands in New Jersey
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- Legend**
- ☆ Substation
 - B-K Line
 - Appalachian National Scenic Trail
 - Middle Delaware National Scenic & Recreational River
 - Delaware River
 - Interstate
 - Delaware Water Gap National Recreation Area
 - ▨ Worthington State Forest
 - ▧ CVNWR Boundary
 - - - County Line

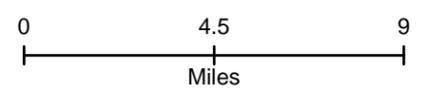
Note: Designated boundary of CVNWR is depicted, not all property is owned within the boundary

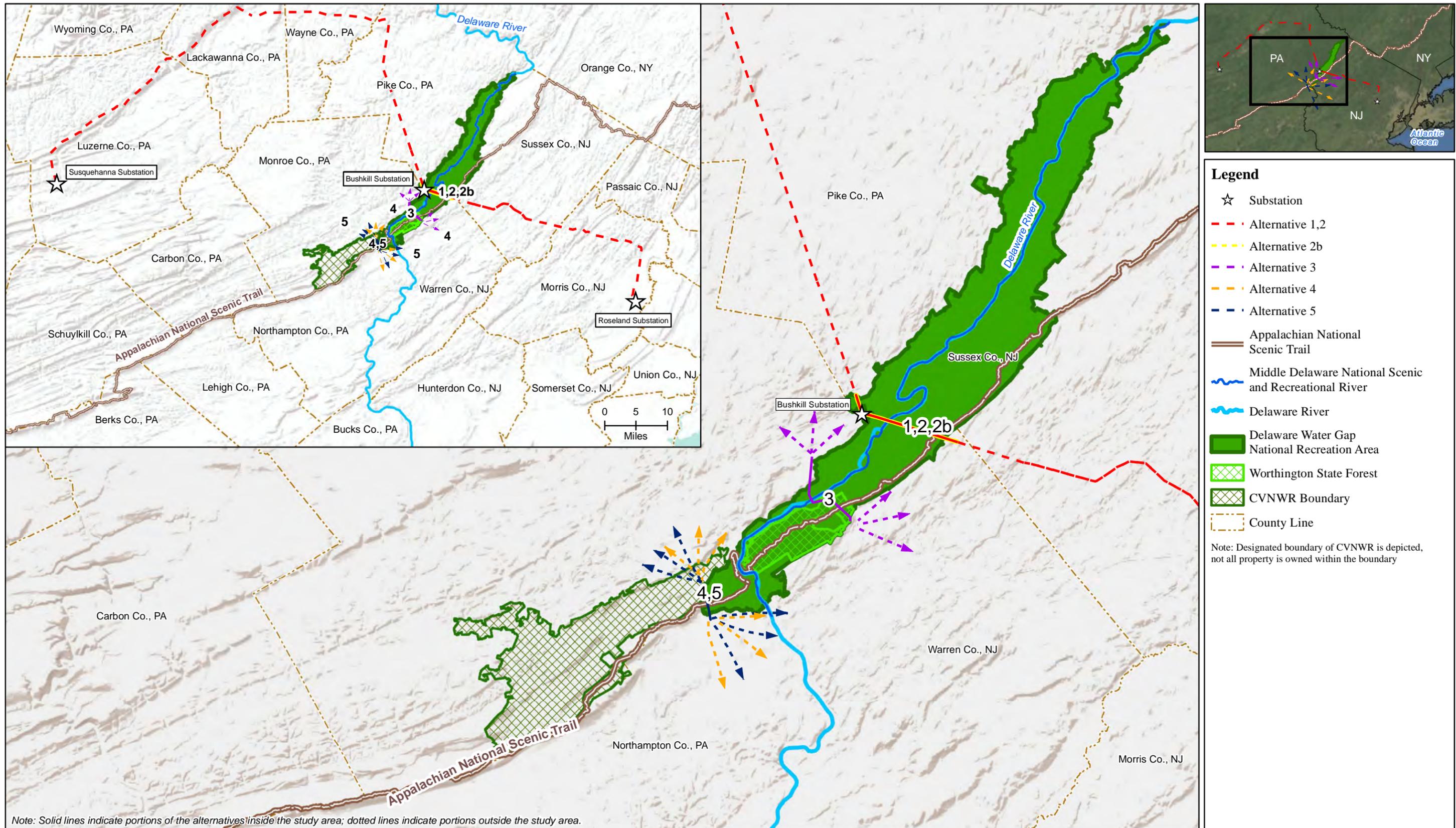


Susquehanna to Roseland
Transmission Line Proposal
and
Right-of-Way Request EIS

Figure 1
Location Map for the Parks and
Existing Transmission Line

Source: ESRI Streetmap 2006, Penn State 2010,
ESRI ArcGISonline Map Service 2010,
PennDOT 2011, NJOIT 2010, USGS 2006,
NJ DEP 2008,
Projection: NAD 83 UTM Zone 18N
Date: October, 2011





Note: Solid lines indicate portions of the alternatives inside the study area; dotted lines indicate portions outside the study area.

Legend

- ☆ Substation
- - - Alternative 1,2
- - - Alternative 2b
- - - Alternative 3
- - - Alternative 4
- - - Alternative 5
- Appalachian National Scenic Trail
- Middle Delaware National Scenic and Recreational River
- Delaware River
- Delaware Water Gap National Recreation Area
- ▨ Worthington State Forest
- ▨ CVNWR Boundary
- - - County Line

Note: Designated boundary of CVNWR is depicted, not all property is owned within the boundary

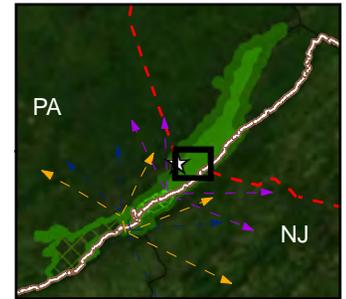
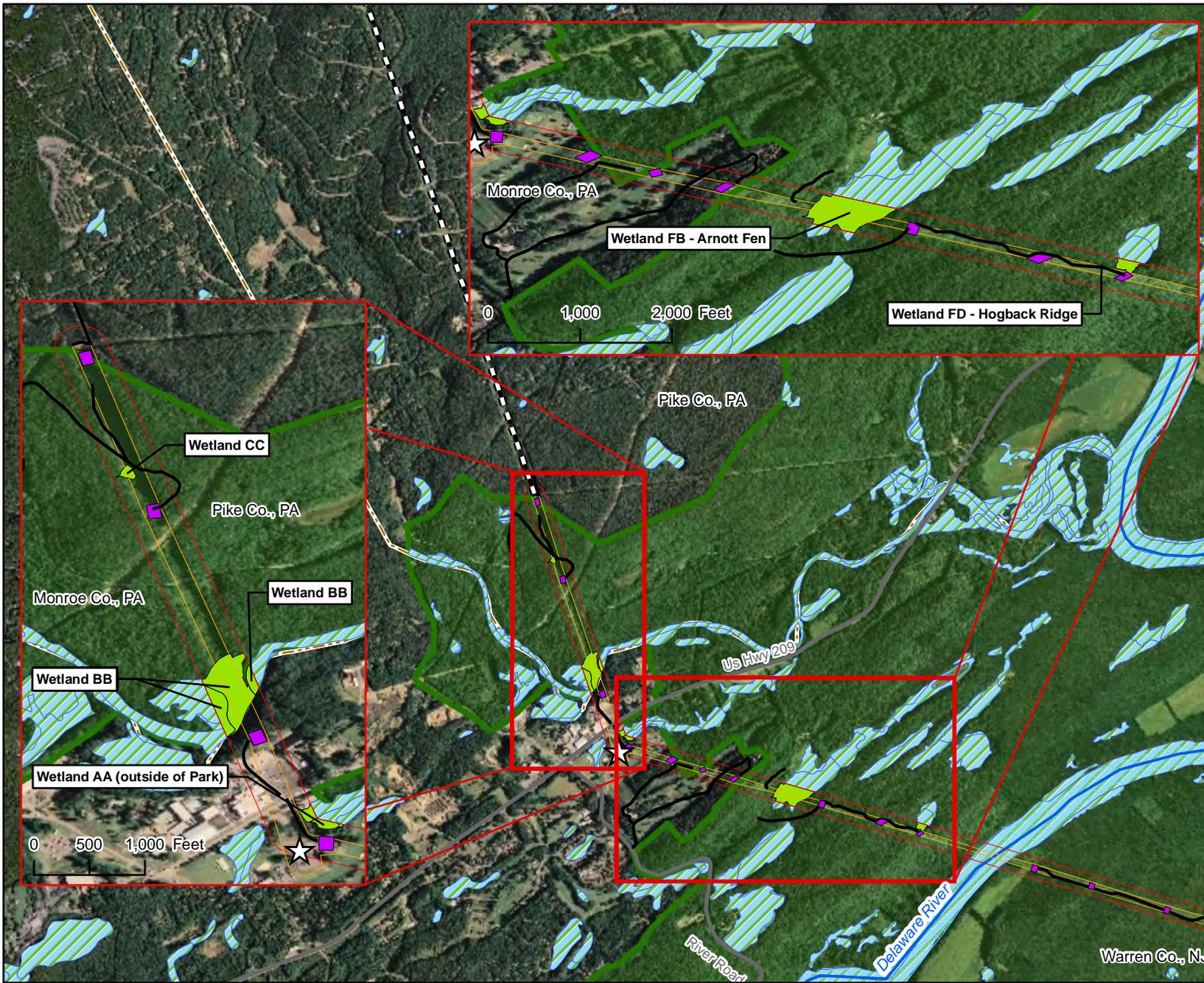


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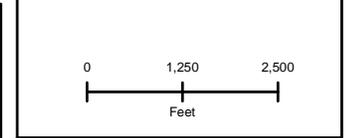
Figure 2
Alternatives within the Study Area

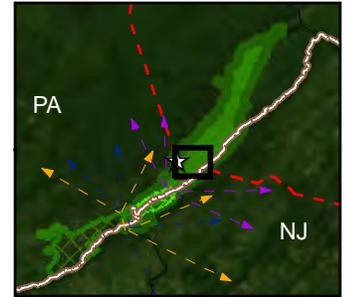
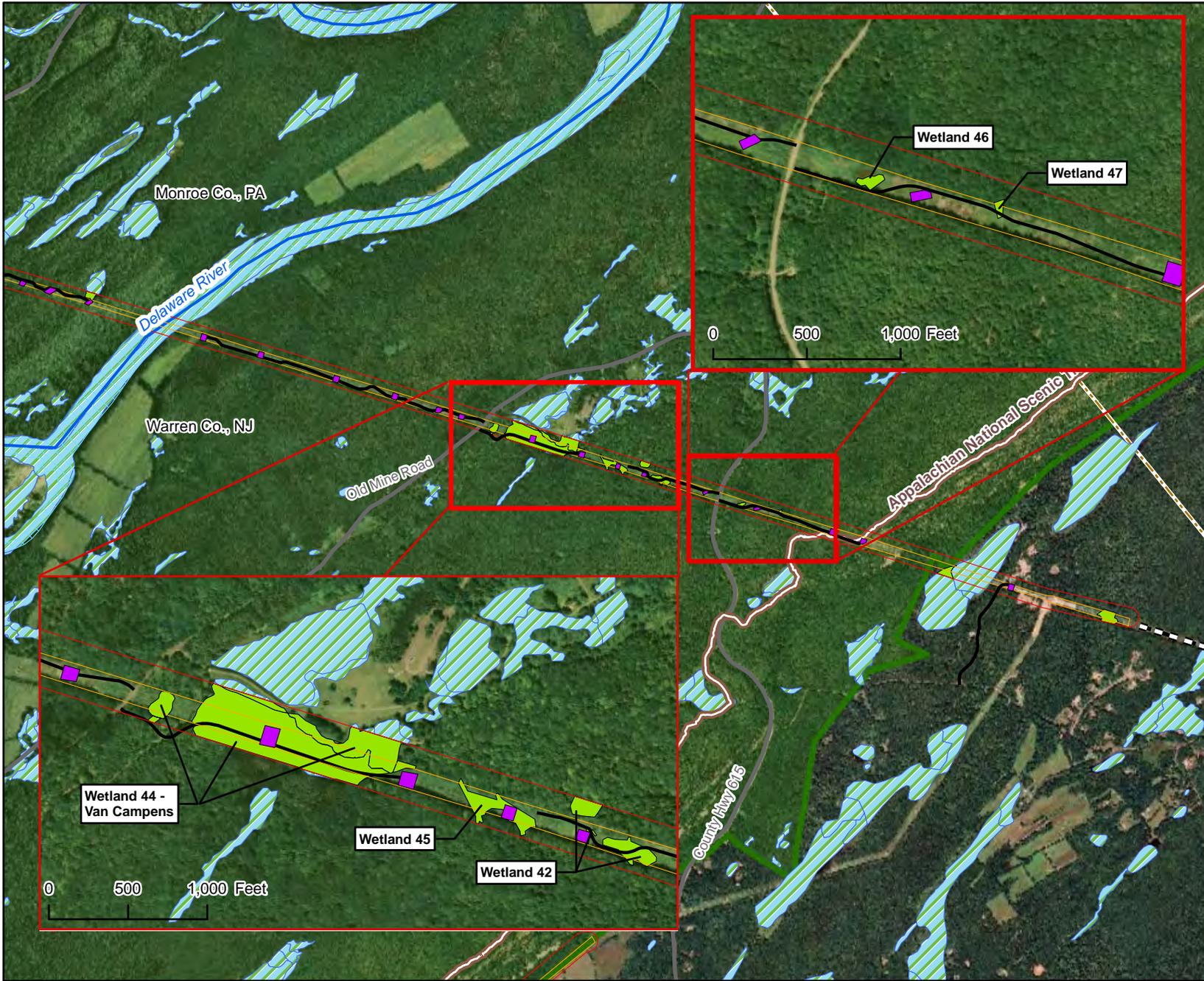
Source: ESRI Streetmap 2006, Penn State 2010, ESRI ArcGISonline Map Service 2010, PennDOT 2011, NJOIT 2010, USGS 2006, NJ DEP 2008,
Projection: NAD 83 UTM Zone 18N
Date: October, 2011



- Legend**
- ☆ Substation
 - Crane Pad/ Tower Location
 - ≡≡ Outside Study Area
 - Existing ROW in Study Area
 - 350 ft Corridor
 - ~ Delaware River
 - Proposed Access Road
 - Road
 - Delaware Water Gap
 - National Recreation Area
 - Wetlands within 350ft buffer
 - ▨ Wetlands
 - County Line





Legend

- ☆ Substation
- Crane Pad/ Tower Location
- ▭ Outside Study Area
- ▭ Existing ROW in Study Area
- ▭ 350 ft Corridor
- ▭ Appalachian National Scenic Trail
- ▭ Delaware River
- ▭ Proposed Access Road
- ▭ Road
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- ▭ National Recreation Area
- ▭ Wetlands within 350ft buffer
- ▭ Wetlands
- ▭ County Line

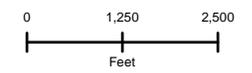


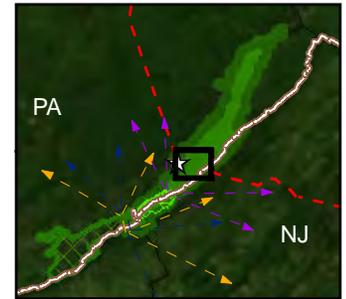
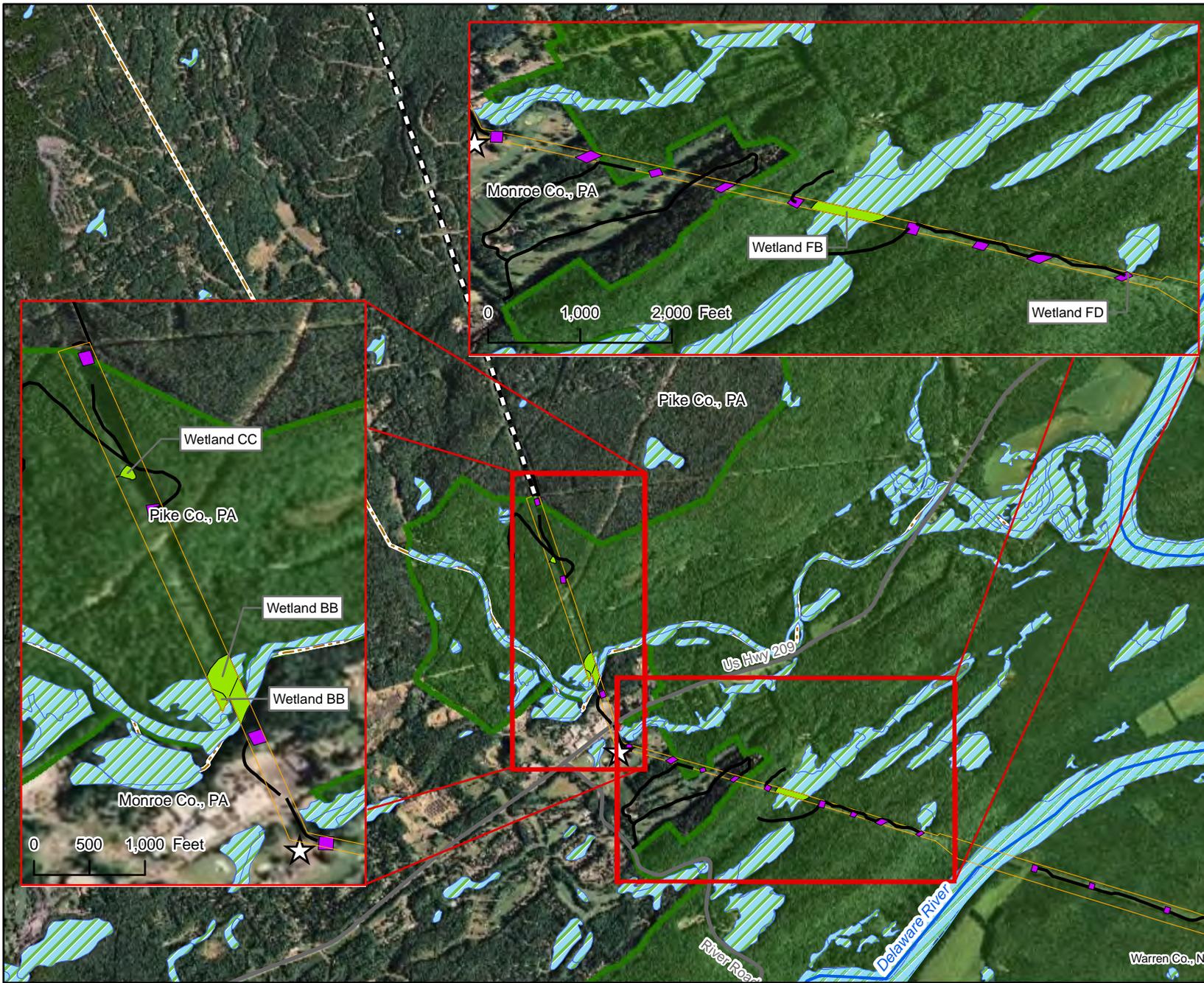
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Figure 4
Alternatives 1 and 2 Wetlands in New Jersey

Source: ESRI Streetmap 2006, Penn State 2010,
ESRI ArcGISonline Map Service 2010,
PennDOT 2011, USGS 2006,
NJ DEP 2008, NWI 1977

Projection: NAD 83 UTM Zone 18N
Date: June 2012





- Legend**
- ☆ Substation
 - Crane Pad/ Tower Location
 - ≡≡ Outside Study Area
 - Alternative 2b Corridor
 - Appalachian National Scenic Trail
 - Delaware River
 - Proposed Access Road
 - Road
 - Delaware Water Gap National Recreation Area
 - Wetlands in Alternative 2b Corridor
 - Wetlands
 - County Line

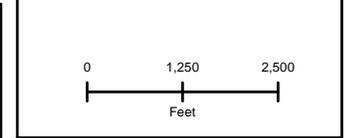


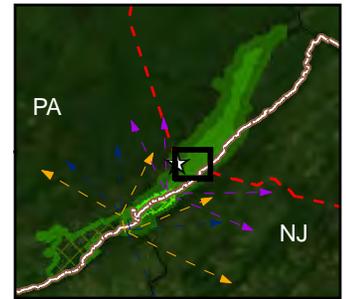
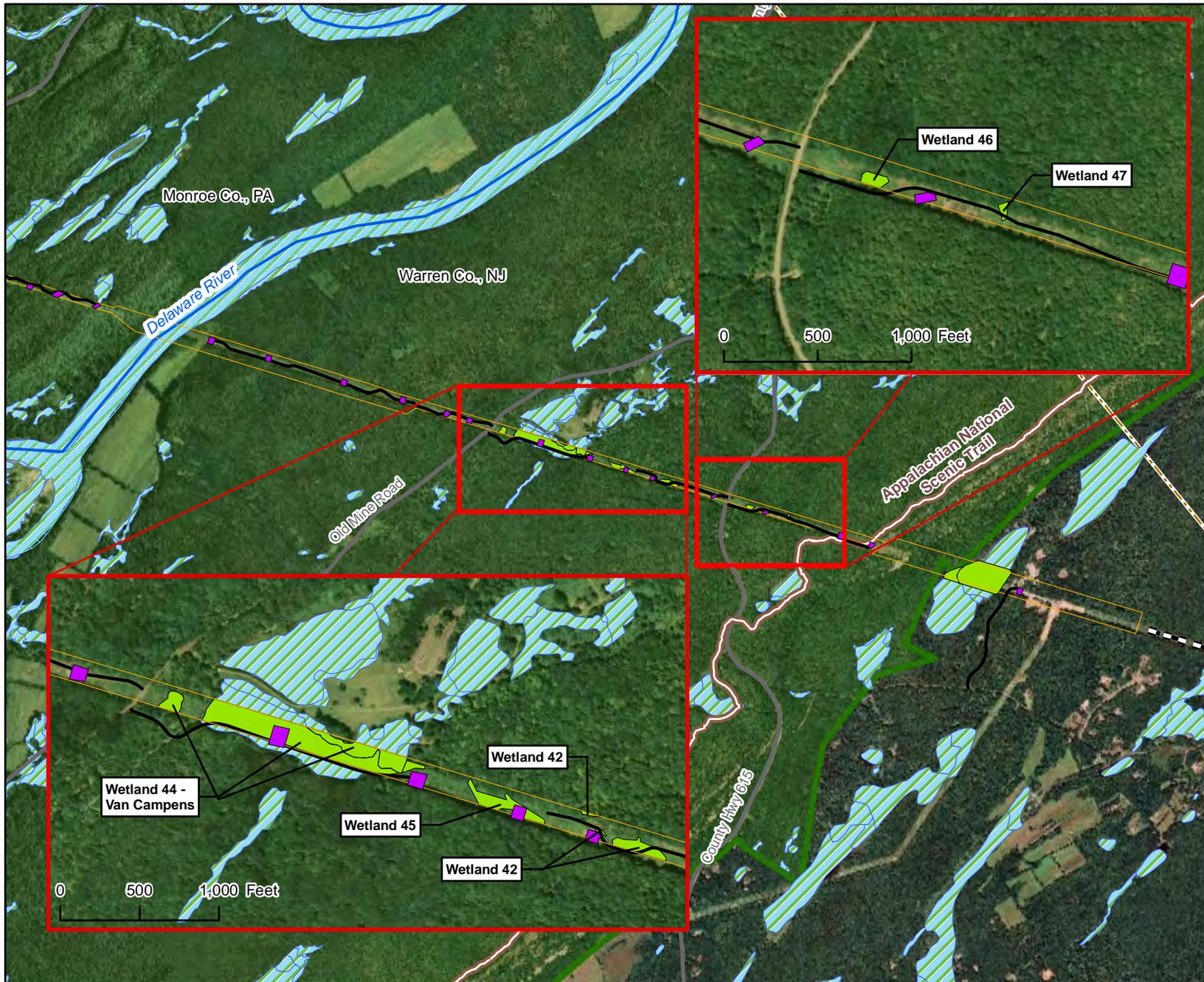
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Figure 5
Alternative 2b Wetlands in Pennsylvania

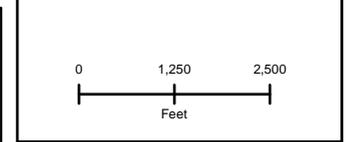
Source: ESRI Streetmap 2006, Penn State 2010,
ESRI ArcGISonline Map Service 2010,
PennDOT 2011, USGS 2006,
NJ DEP 2008, NWI 1977

Projection: NAD 83 UTM Zone 18N
Date: June 2012





- Legend**
- ☆ Substation
 - Crane Pad/ Tower Location
 - ▭ Outside Study Area
 - ▭ Alternative 2b Corridor
 - ▭ Appalachian National Scenic Trail
 - ▭ Delaware River
 - ▭ Proposed Access Road
 - ▭ Road
 - ▭ Delaware Water Gap National Recreation Area
 - ▭ Wetlands in Alternative 2b Corridor
 - ▭ Wetlands
 - ▭ County Line



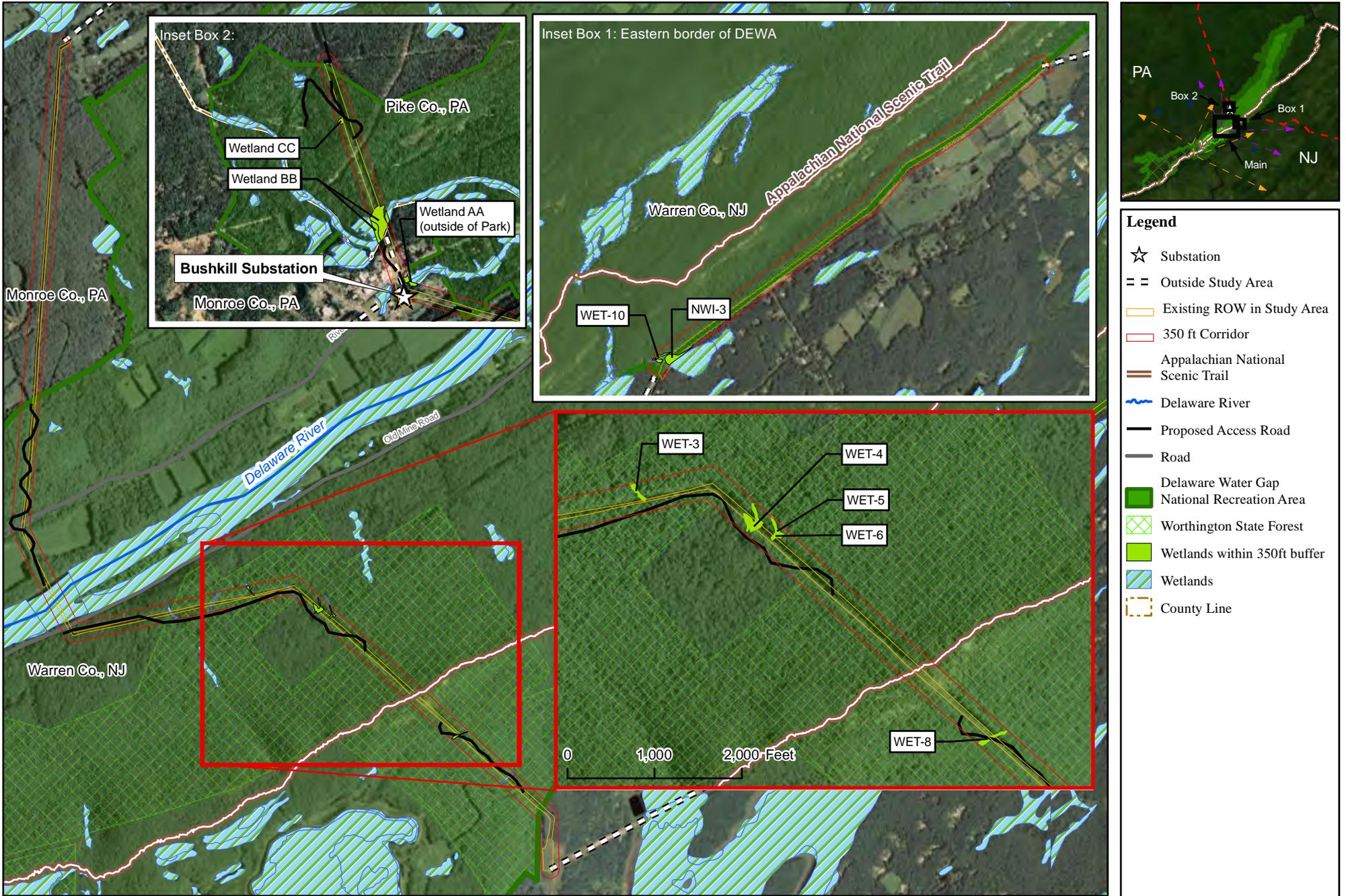
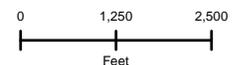


Figure 7
Alternative 3 Wetlands

Source: ESRI Streetmap 2006, Penn State 2010, ESRI ArcGISonline Map Service 2010, PennDOT 2011, USGS 2006, NJ DEP 2008, NWI 1977

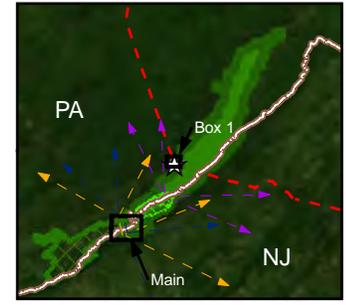
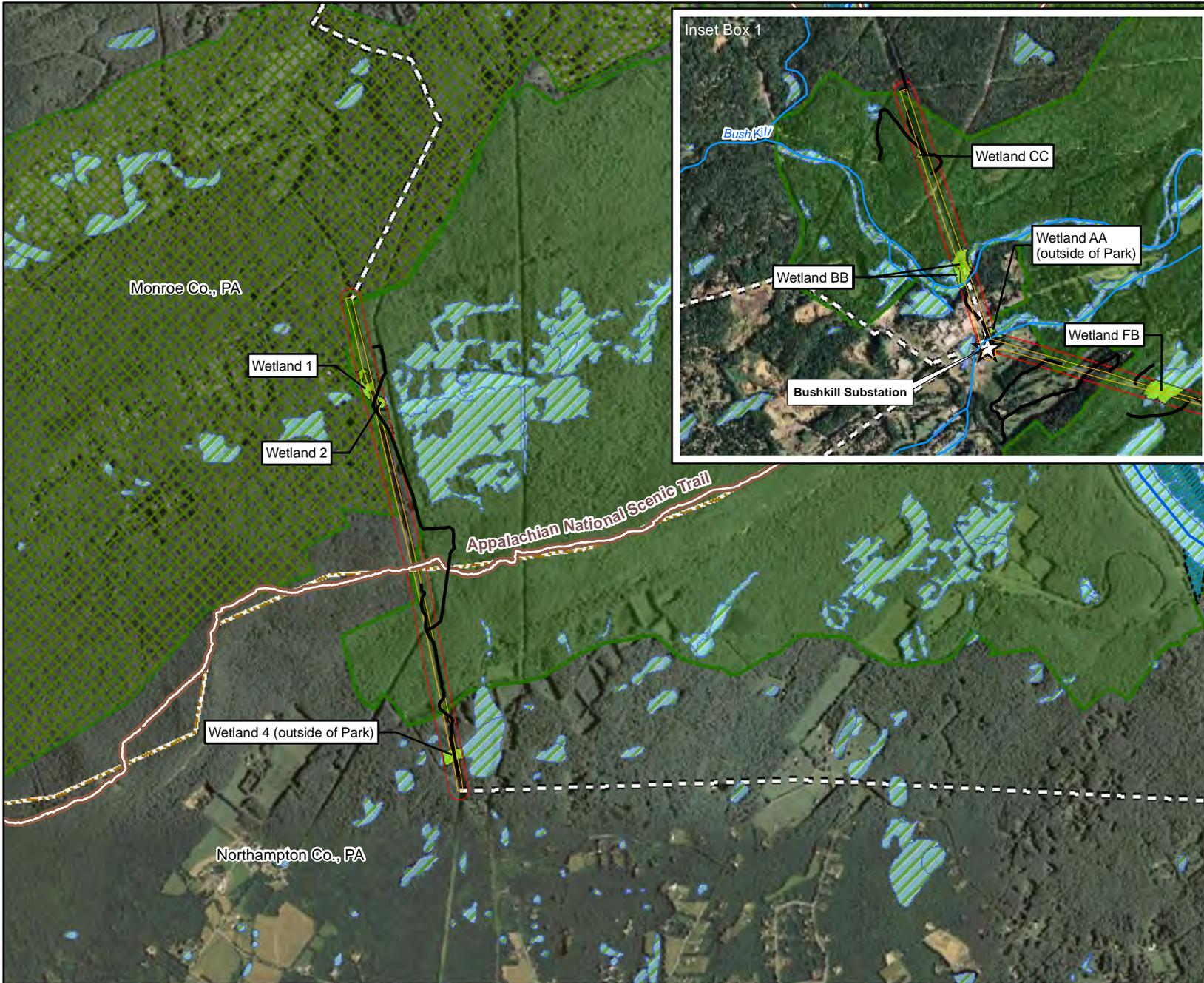
Projection: NAD 83 UTM Zone 18N
Date: June 2012



Scale applies to main frame and inset maps



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Legend

- ☆ Substation
- ⊞ Outside Study Area
- Existing ROW in Study Area
- 350 ft Corridor
- Appalachian National Scenic Trail
- River/Stream
- Proposed Access Road
- Delaware Water Gap National Recreation Area
- CVNWR Boundary
- Wetlands within 350ft buffer
- Wetlands
- County Line

Note: Designated boundary of CVNWR is depicted, not all property is owned within the boundary

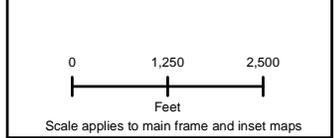


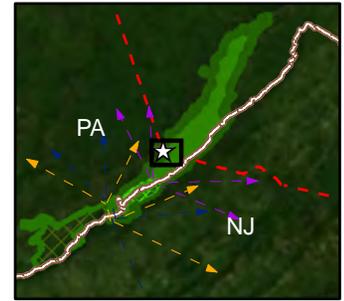
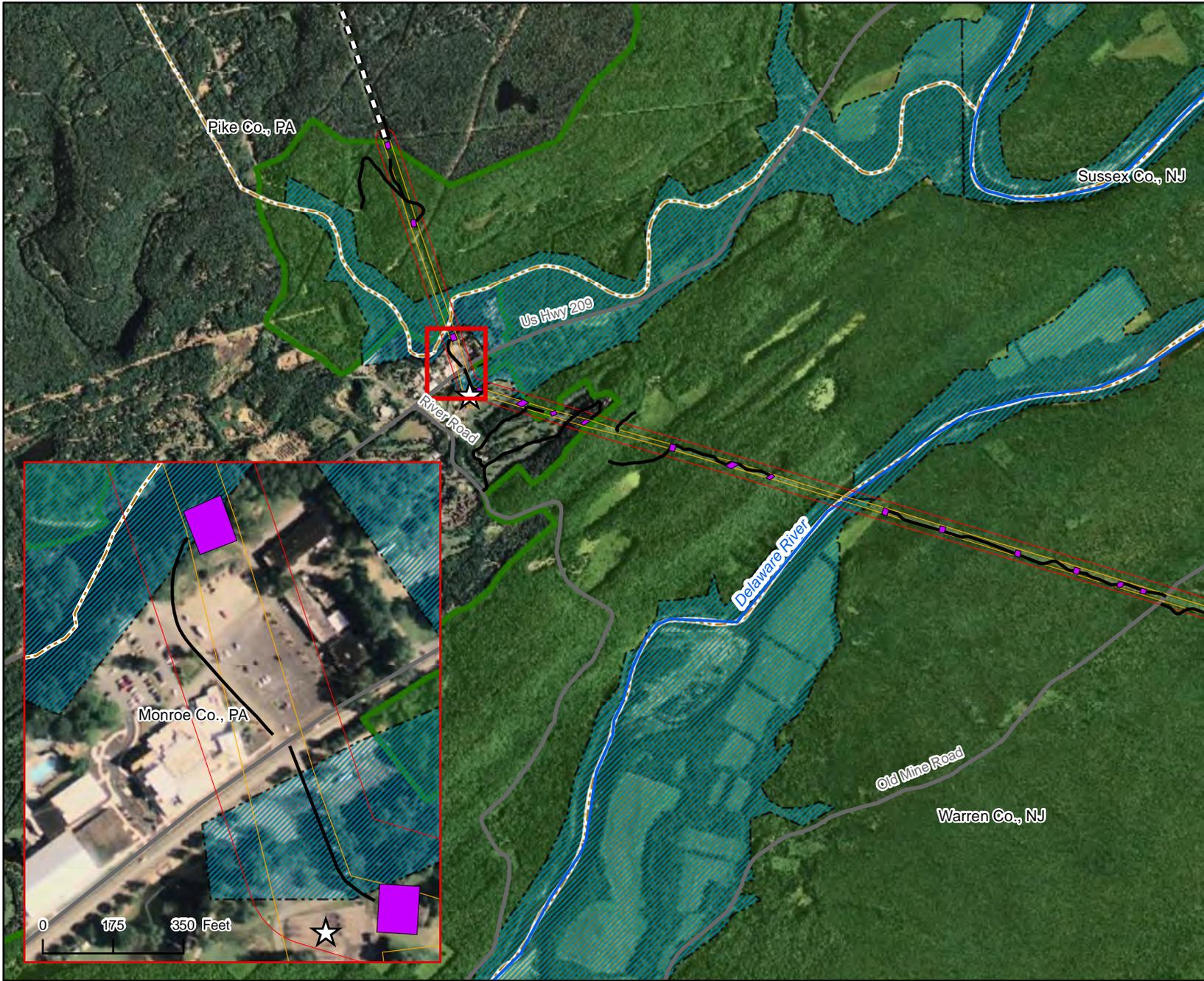
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Figure 8
Alternatives 4 and 5 Wetlands

Source: ESRI Streetmap 2006, Penn State 2010,
ESRI ArcGISonline Map Service 2010,
PennDOT 2011, USGS 2006,
NJ DEP 2008, NW1 1977

Projection: NAD 83 UTM Zone 18N
Date: June 2012





Legend

- ☆ Substation
- Crane Pad/ Tower Location
- ≡≡ Outside Study Area
- Existing ROW in Study Area
- 350 ft Corridor
- Delaware River
- Proposed Access Road
- Road
- Delaware Water Gap National Recreation Area
- Floodplain
- County Line

0 175 350 Feet



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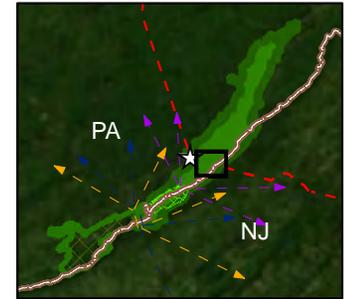
Figure 9
Alternative 1 and 2 Floodplains in Pennsylvania

Source: ESRI Streetmap 2006, Penn State 2010,
ESRI ArcGISonline Map Service 2010,
PennDOT 2011, USGS 2006,
NJ DEP 2008, NWI 1977

Projection: NAD 83 UTM Zone 18N
Date: October, 2011



0 1,250 2,500
Feet



- Legend**
- ☆ Substation
 - Crane Pad/ Tower Location
 - ≡≡ Outside Study Area
 - ▭ Existing ROW in Study Area
 - ▭ 350 ft Corridor
 - ▭ Appalachian National Scenic Trail
 - ~ Delaware River
 - Proposed Access Road
 - Road
 - ▭ Delaware Water Gap National Recreation Area
 - ▨ Floodplain
 - ▭ County Line

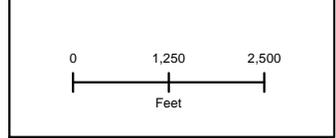


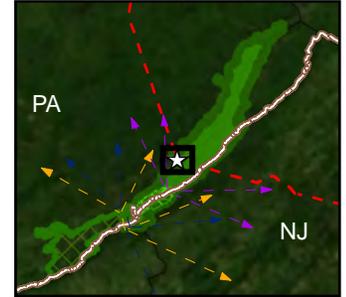
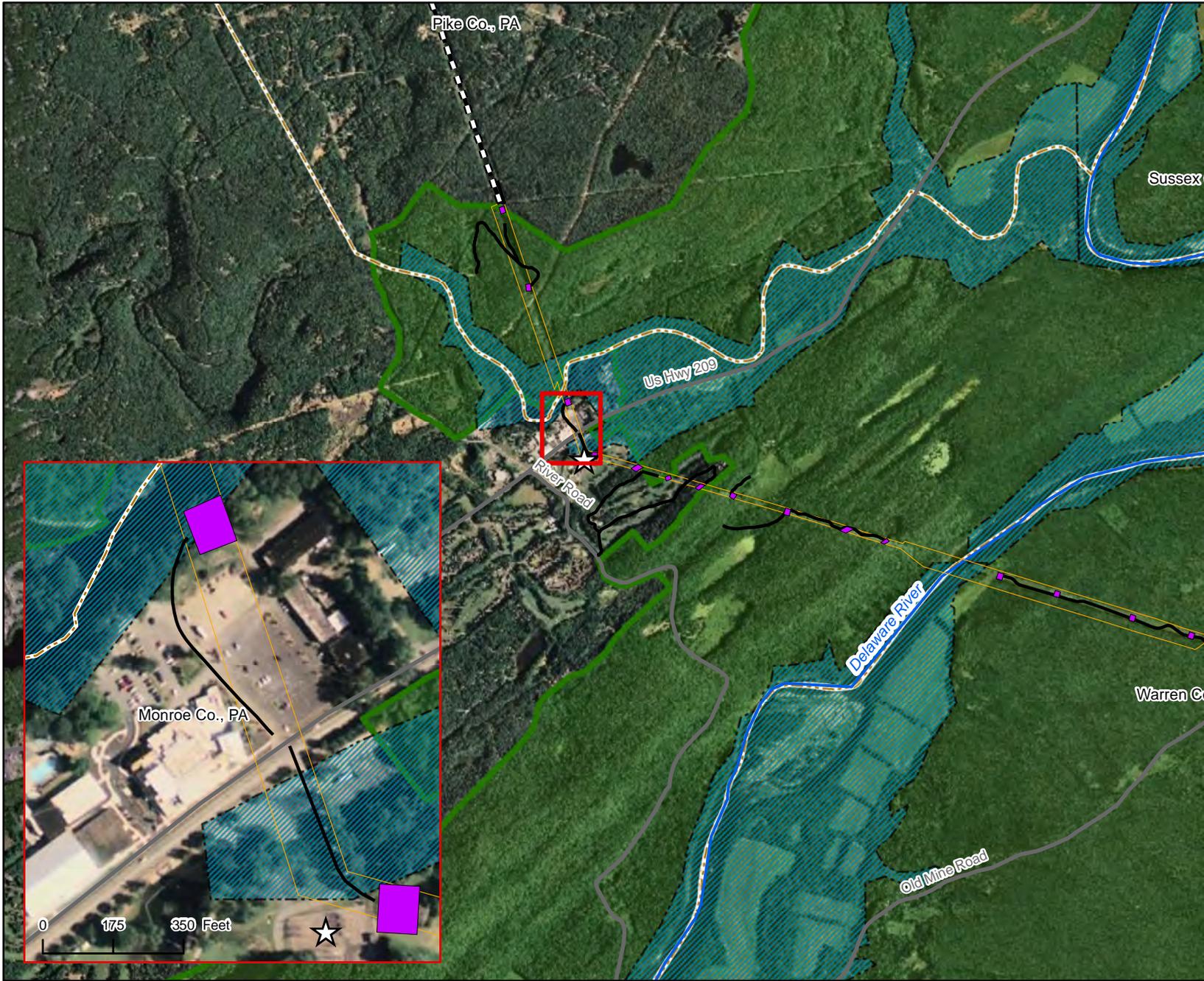
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Right-of-Way Request EIS

Figure 10
Alternatives 1 and 2 Floodplains in New Jersey

Source: ESRI Streetmap 2006, Penn State 2010,
ESRI ArcGISonline Map Service 2010,
PennDOT 2011, USGS 2006,
NJ DEP 2008, NWI 1977

Projection: NAD 83 UTM Zone 18N
Date: October, 2011





- Legend**
- ☆ Substation
 - Crane Pad/ Tower Location
 - ▭ Outside Study Area
 - Alternative 2b Corridor
 - ~ Delaware River
 - Proposed Access Road
 - Road
 - Delaware Water Gap
 - National Recreation Area
 - Floodplain
 - County Line

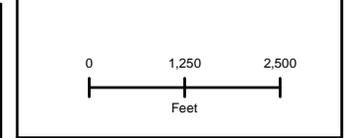


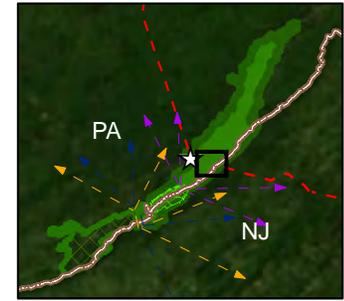
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and
Right-of-Way Request EIS

Figure 11
Alternative 2b Floodplains in Pennsylvania

Source: ESRI Streetmap 2006, Penn State 2010,
ESRI ArcGISonline Map Service 2010,
PennDOT 2011, USGS 2006,
NJ DEP 2008, NW1 1977

Projection: NAD 83 UTM Zone 18N
Date: October, 2011





Legend

- ☆ Substation
- Crane Pad/ Tower Location
- ▭ Outside Study Area
- ▭ Alternative 2b Corridor
- ▭ Appalachian National Scenic Trail
- ~ Delaware River
- Proposed Access Road
- Road
- ▭ Delaware Water Gap National Recreation Area
- ▨ Floodplain
- ▭ County Line

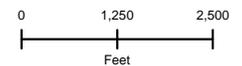


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Right-of-Way Request EIS

Figure 12
Alternative 2b Floodplains in New Jersey

Source: ESRI Streetmap 2006, Penn State 2010,
ESRI ArcGISonline Map Service 2010,
PennDOT 2011, USGS 2006,
NJ DEP 2008, NWI 1977

Projection: NAD 83 UTM Zone 18N
Date: October, 2011





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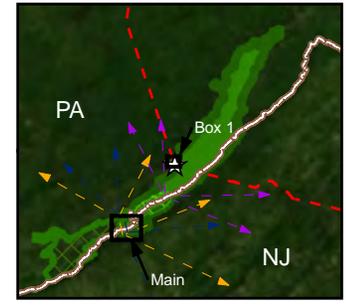
Figure 13
Alternative 3 Floodplains

Source: ESRI Streetmap 2006, Penn State 2010,
ESRI ArcGISonline Map Service 2010,
PennDOT 2011, USGS 2006,
NJ DEP 2008, NWI 1977

Projection: NAD 83 UTM Zone 18N
Date: October, 2011



0 1,250 2,500
Feet
Scale applies to main frame and inset maps



Legend

- ☆ Substation
- ⊞ Outside Study Area
- Existing ROW in Study Area
- 350 ft Corridor
- Appalachian National Scenic Trail
- River/Stream
- Proposed Access Road
- Roads
- Delaware Water Gap
- National Recreation Area
- CVNWR Boundary
- Floodplain
- County Line

Note: Designated boundary of CVNWR is depicted, not all property is owned within the boundary

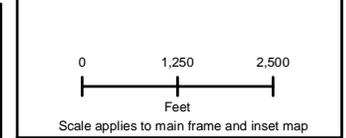


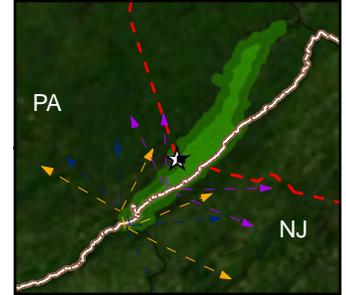
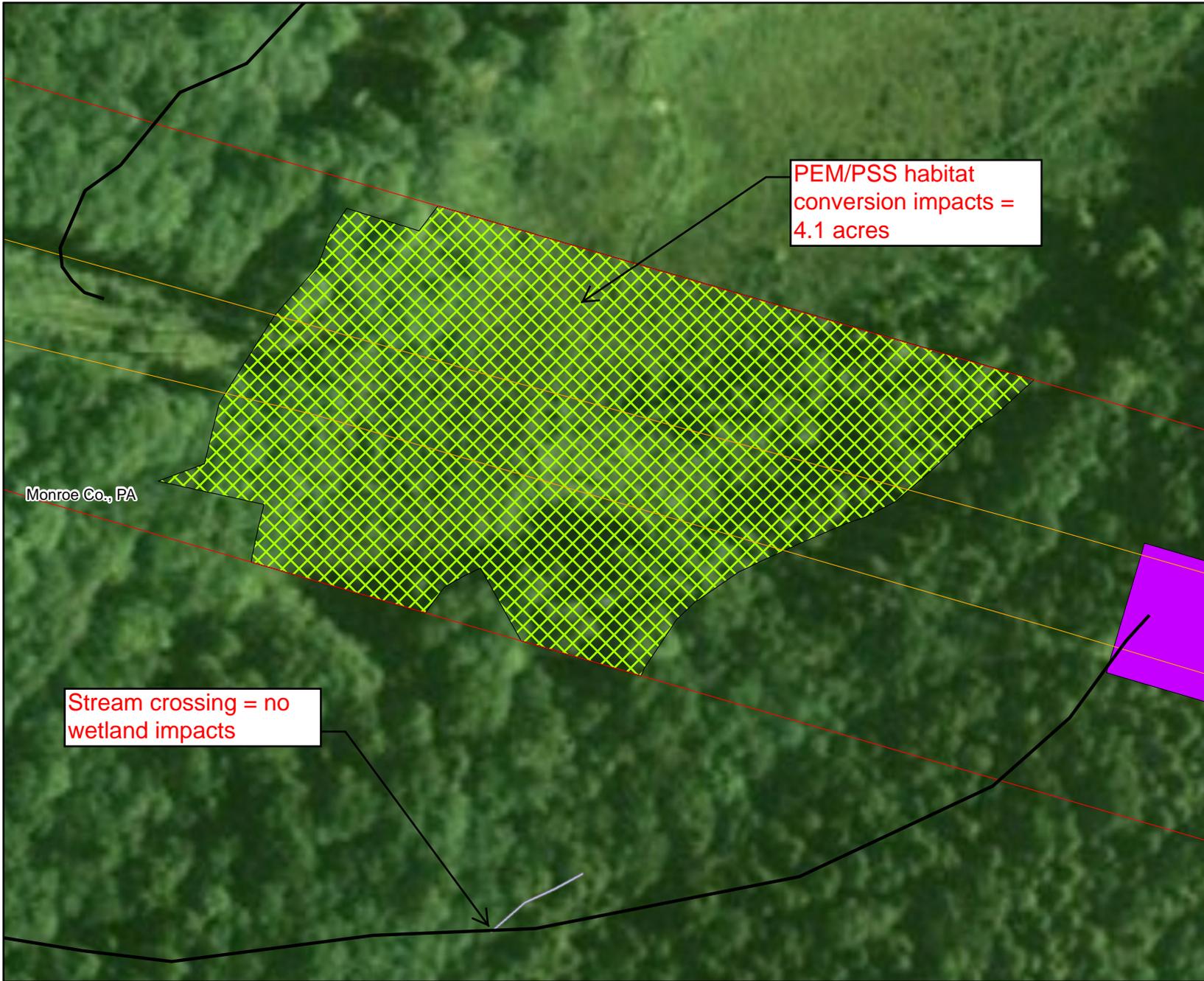
Susquehanna to Roseland
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Figure 14
Alternative 4/5 Floodplains

Source: ESRI Streetmap 2006, Penn State 2010,
ESRI ArcGISonline Map Service 2010,
PennDOT 2011, USGS 2006,
NJ DEP 2008, NWI 1977

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Date: October, 2011



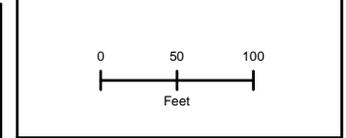


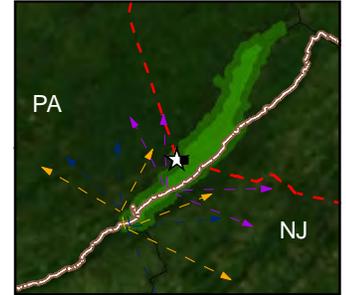
Legend

- ☆ Substation
- Crane Pad/ Tower Location
- ≡≡ Outside Study Area
- Existing ROW in Study Area
- 350 ft Corridor
- Appalachian National Scenic Trail
- Delaware River
- Proposed Access Road
- Road
- Delaware Water Gap National Recreation Area
- County Line
- Delaware River
- Waterbody

Wetlands within 350ft buffer

- ▣ Forested Wetland (PFO)
- ▣ Emergent Wetland (PEM)
- ▣ Emergent / Scrub - Shrub Wetland (PEM/PSS)





Legend

- ☆ Substation
 - Crane Pad/ Tower Location
 - ≡≡ Outside Study Area
 - ▭ Existing ROW in Study Area
 - ▭ 350 ft Corridor
 - Appalachian National Scenic Trail
 - ~ Delaware River
 - Proposed Access Road
 - Road
 - ▭ Delaware Water Gap National Recreation Area
 - ▭ County Line
 - ▭ Delaware River
 - ▭ Waterbody
- Wetlands within 350ft buffer**
- ▭ Forested Wetland (PFO)
 - ▭ Emergent Wetland (PEM)
 - ▭ Emergent / Scrub - Shrub Wetland (PEM/PSS)Figure

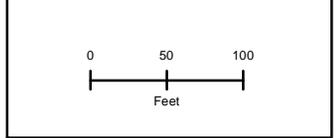


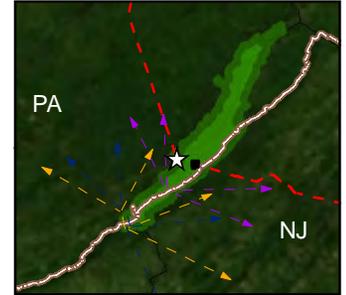
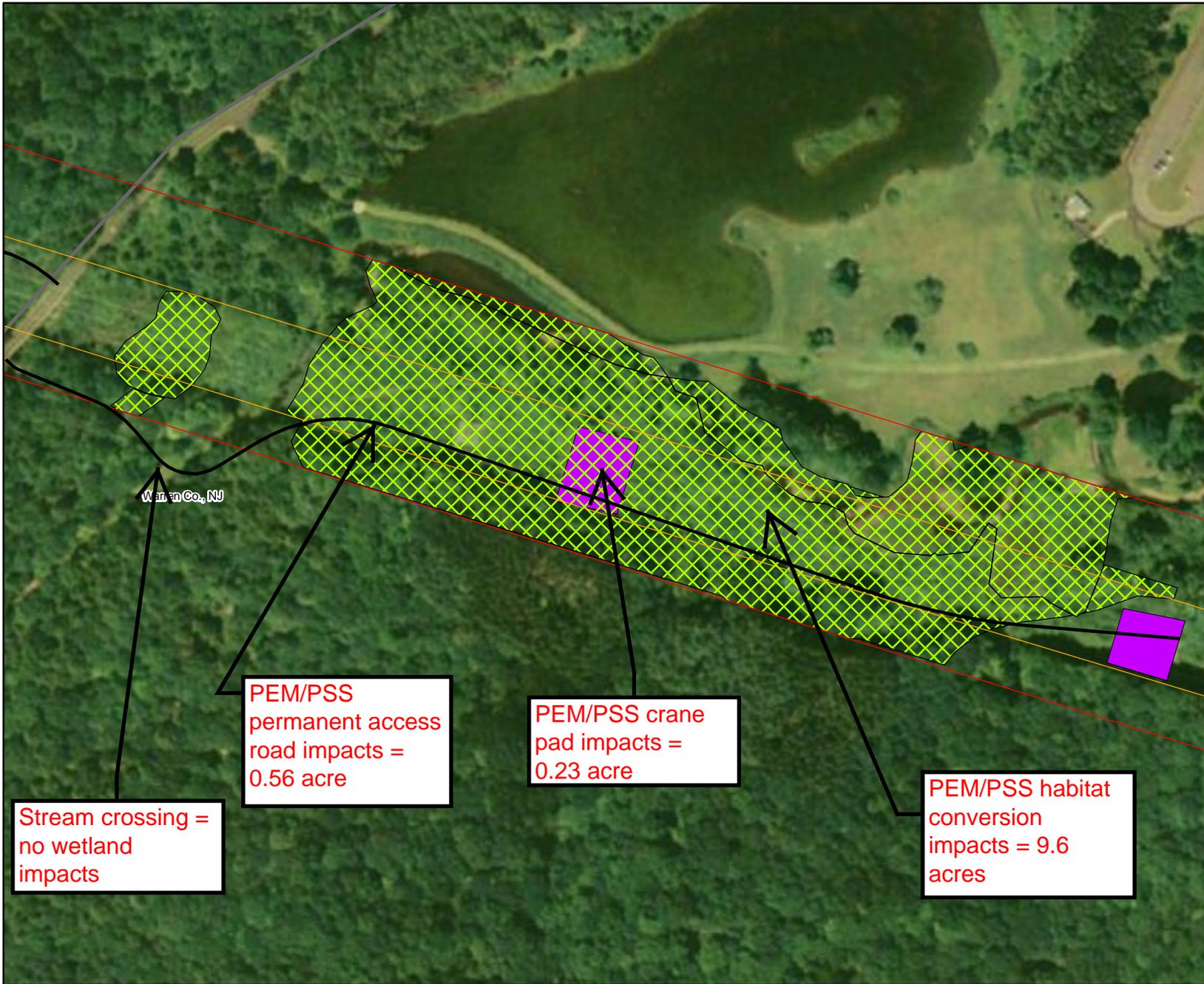
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Figure 16
Impacts to Hogback Ridge Wetland, Alternative 2

Source: ESRI Streetmap 2006, Penn State 2010,
ESRI ArcGISonline Map Service 2010,
PennDOT 2011, USGS 2006,
NJ DEP 2008, NWI 1977

Projection: NAD 83 UTM Zone 18N
Date: October, 2011



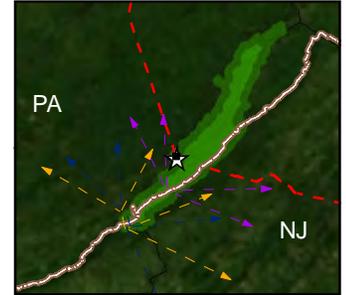
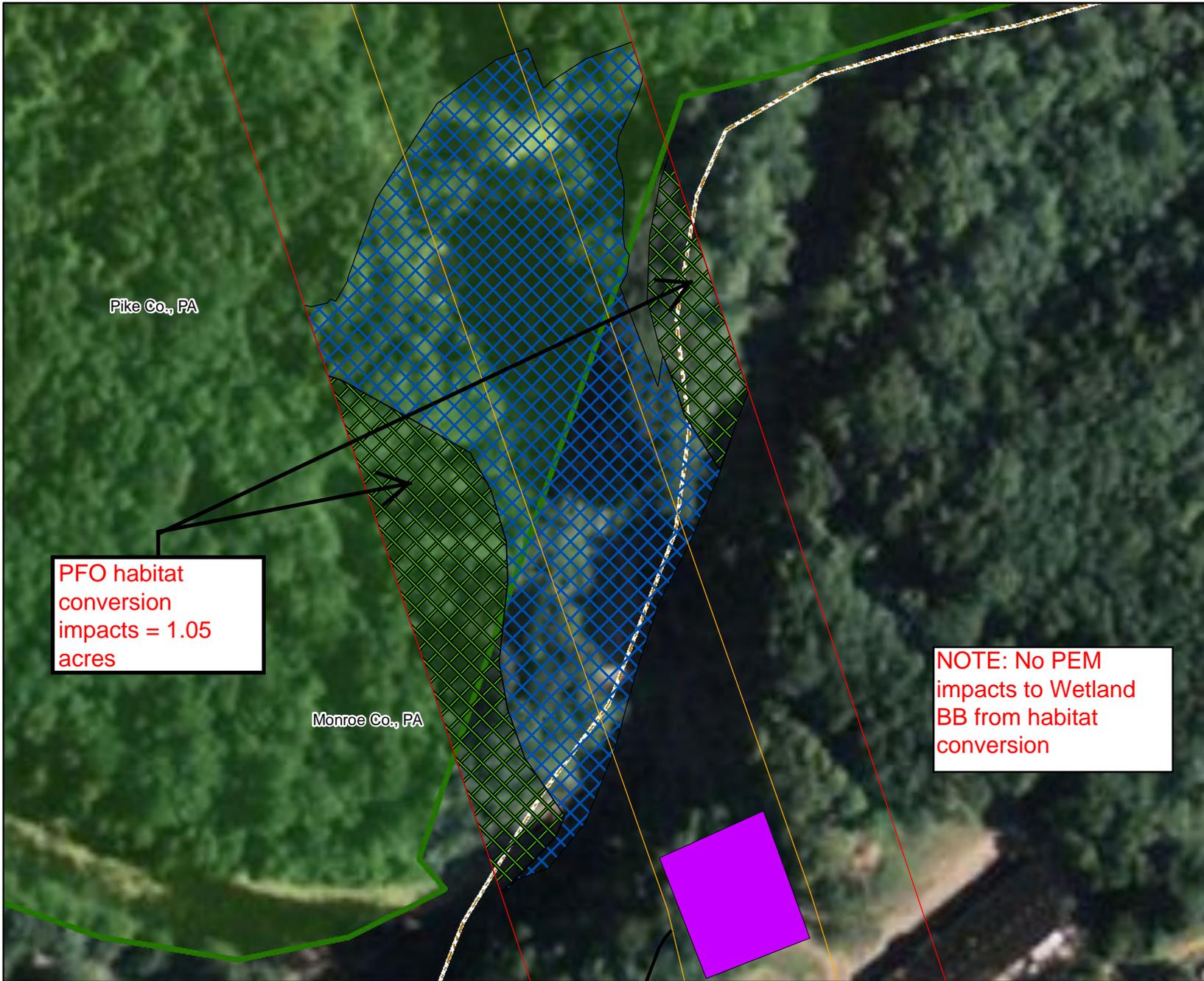


Legend

- ☆ Substation
- Crane Pad/ Tower Location
- ≡≡ Outside Study Area
- ▭ Existing ROW in Study Area
- ▭ 350 ft Corridor
- ▭ Appalachian National Scenic Trail
- ▭ Delaware River
- ▭ Proposed Access Road
- ▭ Road
- ▭ Delaware Water Gap National Recreation Area
- ▭ County Line
- ▭ Delaware River
- ▭ Waterbody

Wetlands within 350ft buffer

- ▭ Forested Wetland (PFO)
- ▭ Emergent Wetland (PEM)
- ▭ Emergent / Scrub - Shrub Wetland (PEM/PSS)



Legend

- ☆ Substation
- Crane Pad/ Tower Location
- ▭ Outside Study Area
- ▭ Existing ROW in Study Area
- ▭ 350 ft Corridor
- ▭ Appalachian National Scenic Trail
- ▭ Delaware River
- ▭ Proposed Access Road
- ▭ Road
- ▭ Delaware Water Gap National Recreation Area
- ▭ County Line
- ▭ Delaware River
- ▭ Waterbody

Wetlands within 350ft buffer

- ▭ Forested Wetland (PFO)
- ▭ Emergent Wetland (PEM)
- ▭ Emergent / Scrub - Shrub Wetland (PEM/PSS)F

PFO habitat conversion impacts = 1.05 acres

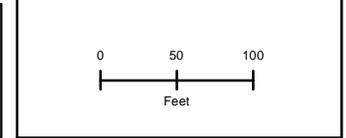
NOTE: No PEM impacts to Wetland BB from habitat conversion

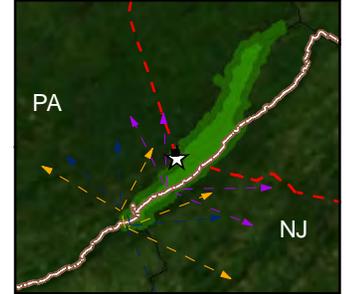


Susquehanna to Roseland Transmission Line Proposal and Right-of-Way Request EIS

Figure 18
Impacts to Wetland BB, Alternative 2

Source: ESRI Streetmap 2006, Penn State 2010, ESRI ArcGISonline Map Service 2010, PennDOT 2011, USGS 2006, NJ DEP 2008, NWI 1977
Projection: NAD 83 UTM Zone 18N
Date: 2012





Legend

- ☆ Substation
 - Crane Pad/ Tower Location
 - ≡≡ Outside Study Area
 - ▭ Existing ROW in Study Area
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 - ▭ County Line
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 - ▭ Waterbody
- Wetlands within 350ft buffer**
- ▭ Forested Wetland (PFO)
 - ▭ Emergent Wetland (PEM)
 - ▭ Emergent / Scrub - Shrub Wetland (PEM/PSS)

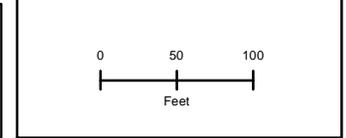
PEM/PSS habitat conversion impacts = 0.22 acre

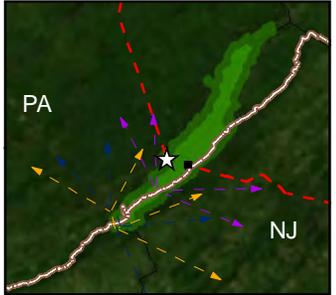
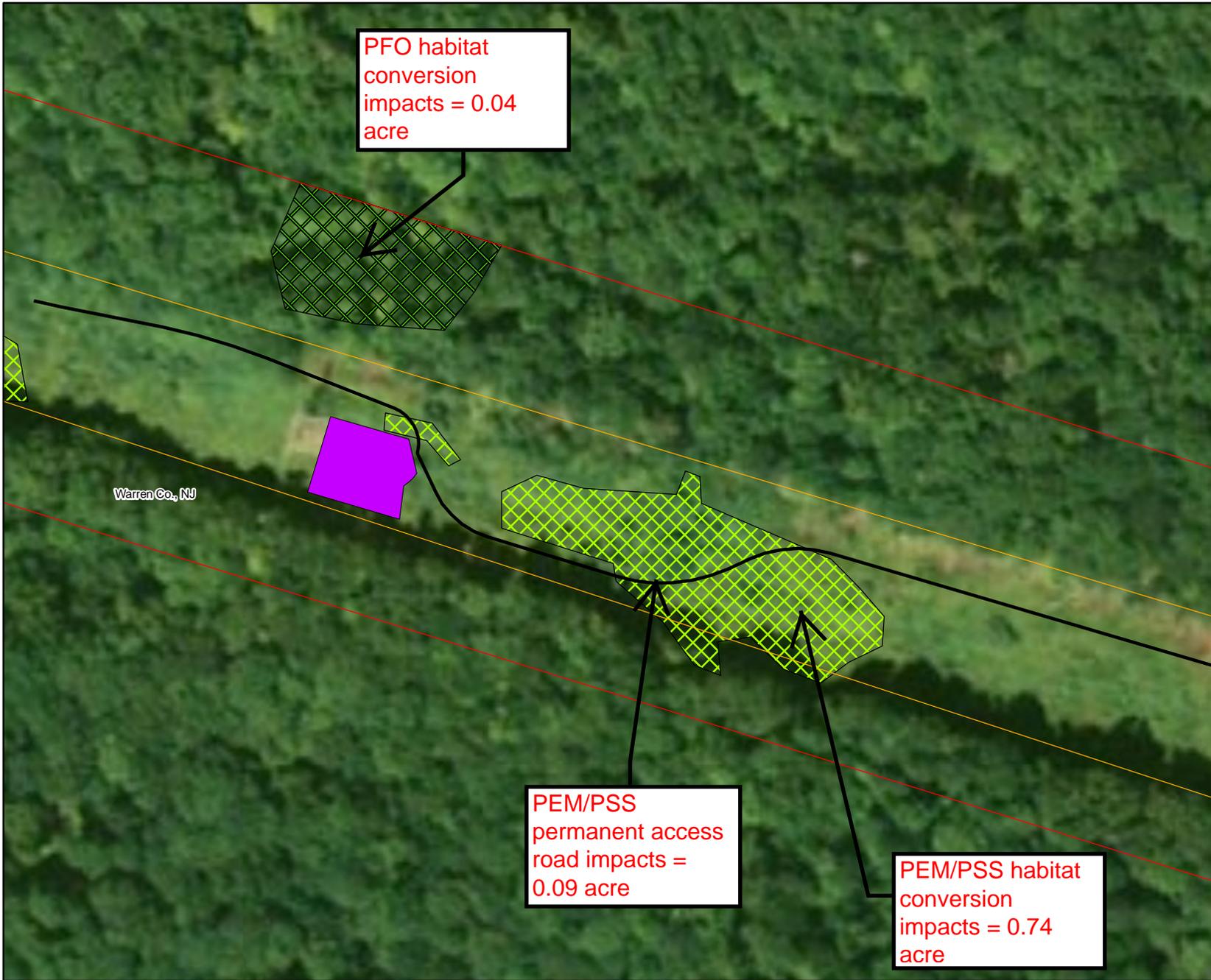


Susquehanna to Roseland Transmission Line Proposal and Right-of-Way Request EIS

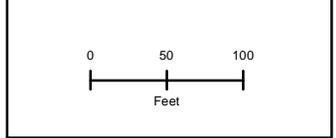
Figure 19
Impacts to Wetland CC, Alternative 2

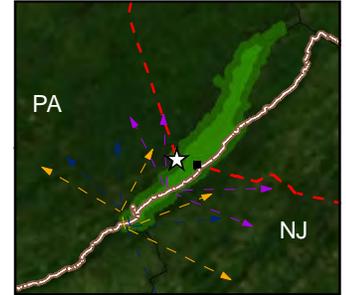
Source: ESRI Streetmap 2006, Penn State 2010, ESRI ArcGISonline Map Service 2010, PennDOT 2011, USGS 2006, NJ DEP 2008, NWI 1977
Projection: NAD 83 UTM Zone 18N
Date: 2012





- Legend**
- ☆ Substation
 - Crane Pad/ Tower Location
 - ▭ Outside Study Area
 - ▭ Existing ROW in Study Area
 - ▭ 350 ft Corridor
 - ▭ Appalachian National Scenic Trail
 - ▭ Delaware River
 - ▭ Proposed Access Road
 - ▭ Road
 - ▭ Delaware Water Gap National Recreation Area
 - ▭ County Line
 - ▭ Delaware River
 - ▭ Waterbody
- Wetlands within 350ft buffer**
- ▭ Forested Wetland (PFO)
 - ▭ Emergent Wetland (PEM)
 - ▭ Emergent / Scrub - Shrub Wetland (PEM/PSS)





Legend

- ☆ Substation
 - Crane Pad/ Tower Location
 - ≡≡ Outside Study Area
 - ▭ Existing ROW in Study Area
 - ▭ 350 ft Corridor
 - Appalachian National Scenic Trail
 - ~ Delaware River
 - Proposed Access Road
 - Road
 - ▭ Delaware Water Gap National Recreation Area
 - ▭ County Line
 - ▭ Delaware River
 - ▭ Waterbody
- Wetlands within 350ft buffer**
- ▭ Forested Wetland (PFO)
 - ▭ Emergent Wetland (PEM)
 - ▭ Emergent / Scrub - Shrub Wetland (PEM/PSS)

PEM/PSS habitat conversion impacts = 1.09 acres

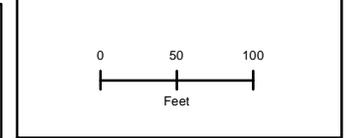
PEM/PSS crane pad impacts = 0.12 acre

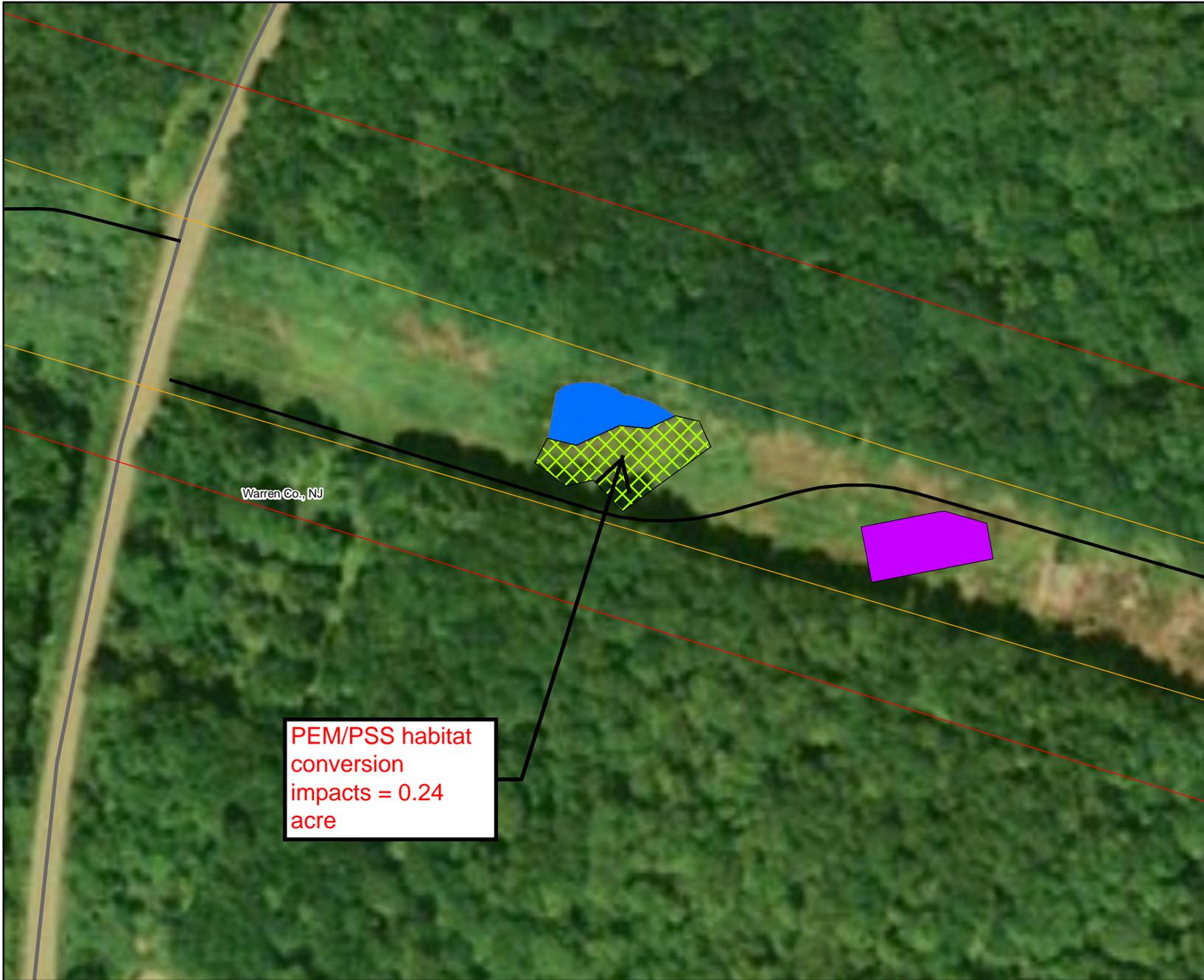


Susquehanna to Roseland Transmission Line Proposal and Right-of-Way Request EIS

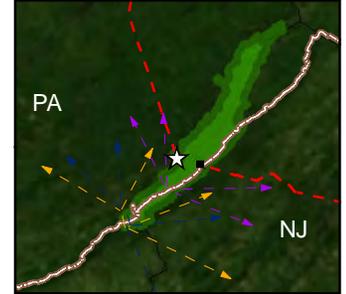
Figure 21
Impacts to Wetland 45, Alternative 2

Source: ESRI Streetmap 2006, Penn State 2010, ESRI ArcGISonline Map Service 2010, PennDOT 2011, USGS 2006, NJ DEP 2008, NWI 1977
Projection: NAD 83 UTM Zone 18N
Date: October, 2011





PEM/PSS habitat conversion impacts = 0.24 acre



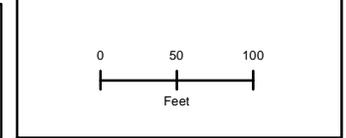
- Legend**
- ☆ Substation
 - Crane Pad/ Tower Location
 - ≡≡ Outside Study Area
 - ▭ Existing ROW in Study Area
 - ▭ 350 ft Corridor
 - Appalachian National Scenic Trail
 - ~ Delaware River
 - Proposed Access Road
 - Road
 - ▭ Delaware Water Gap National Recreation Area
 - ▭ County Line
 - ▭ Delaware River
 - ▭ Waterbody
- Wetlands within 350ft buffer**
- ▭ Forested Wetland (PFO)
 - ▭ Emergent Wetland (PEM)
 - ▭ Emergent / Scrub - Shrub Wetland (PEM/PSS)



Susquehanna to Roseland Transmission Line Proposal and Right-of-Way Request EIS

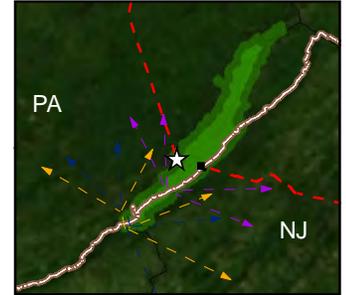
Figure 22
Impacts to Wetland 46, Alternative 2

Source: ESRI Streetmap 2006, Penn State 2010, ESRI ArcGISonline Map Service 2010, PennDOT 2011, USGS 2006, NJ DEP 2008, NWI 1977
Projection: NAD 83 UTM Zone 18N
Date: 2012

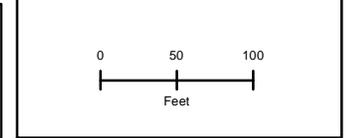


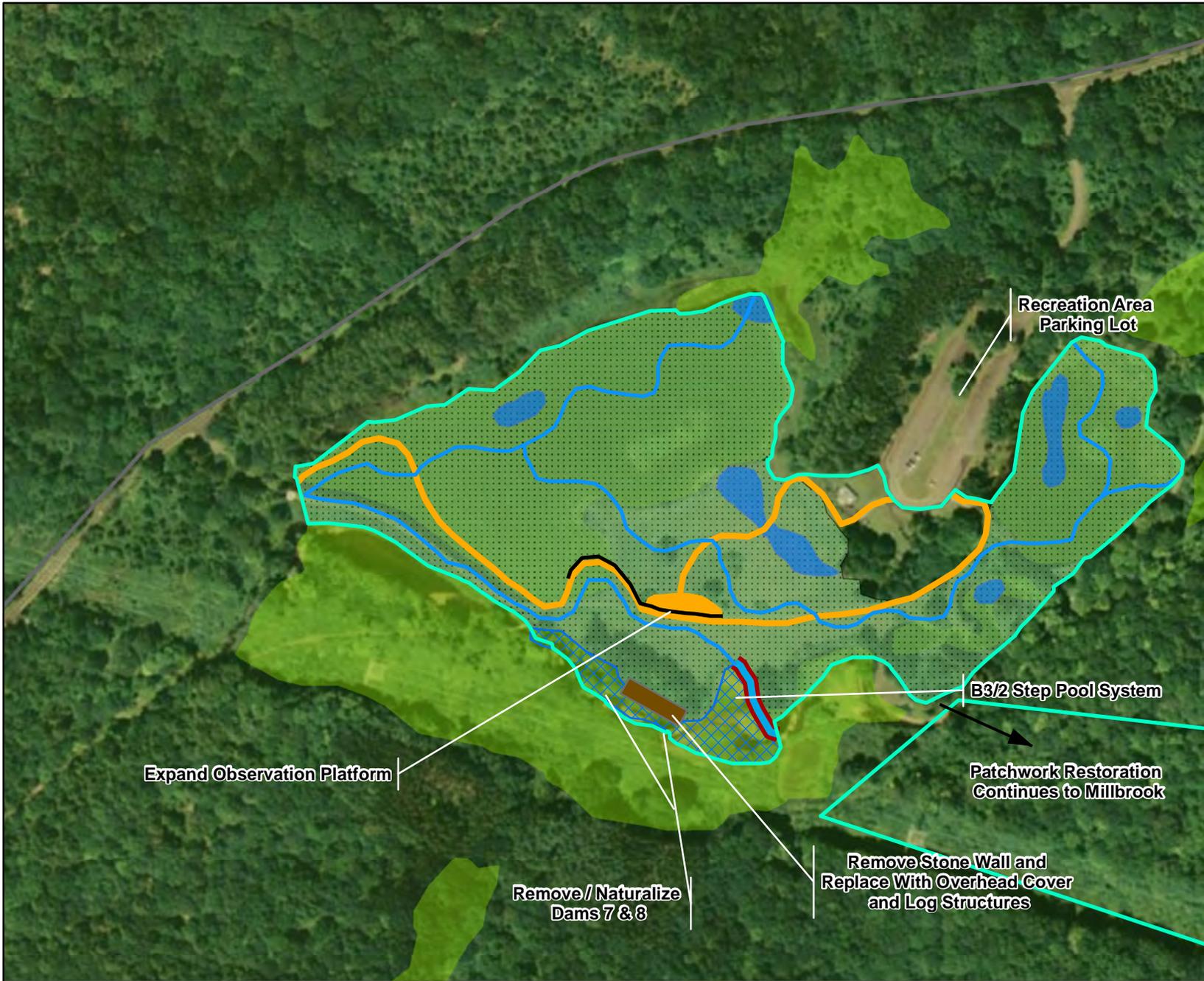


PEM/PSS habitat conversion impacts = 0.08 acre
 PEM/PSS permanent access road impacts = 0.02 acre



- Legend**
- ☆ Substation
 - Crane Pad/ Tower Location
 - ▭ Outside Study Area
 - ▭ Existing ROW in Study Area
 - ▭ 350 ft Corridor
 - ▭ Appalachian National Scenic Trail
 - ▭ Delaware River
 - ▭ Proposed Access Road
 - ▭ Road
 - ▭ Delaware Water Gap National Recreation Area
 - ▭ County Line
 - ▭ Delaware River
 - ▭ Waterbody
- Wetlands within 350ft buffer**
- ▭ Forested Wetland (PFO)
 - ▭ Emergent Wetland (PEM)
 - ▭ Emergent / Scrub - Shrub Wetland (PEM/PSS)





- Legend**
- Proposed Stream Restoration
 - Proposed B3/2 Stream
 - Existing Wetlands
 - Proposed Wetland Restoration (17.85 Acres)
 - Proposed Open Water Habitat
 - Proposed Side Channel Habitat (0.91 Acres)
 - Proposed ADA Flyfishing Area
 - Proposed ADA Boardwalk
 - Proposed Work Area Boundary

Note:
 Mitigation boundary extends beyond map view

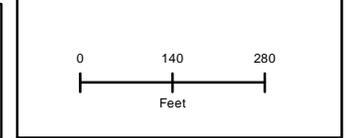


Susquehanna to Roseland
 Transmission Line Proposal
 and
 Right-of-Way Request EIS

Figure 24
Watergate and Van Campens Restoration Project
Proposed Mitigation Projects

Source: ESRI Streetmap 2006, Penn State 2010,
 ESRI ArcGISonline Map Service 2010,
 PennDOT 2011, USGS 2006,
 NJ DEP 2008, NWI 1977

Projection: NAD 83 UTM Zone 18N
 Date: July 2012





- Legend**
- Existing Stream / Creek
 - Wetlands
 - Stream Channel Restoration (Passive)
 - Proposed Work Area Boundary

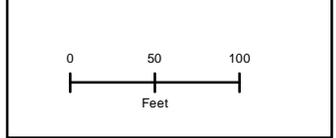


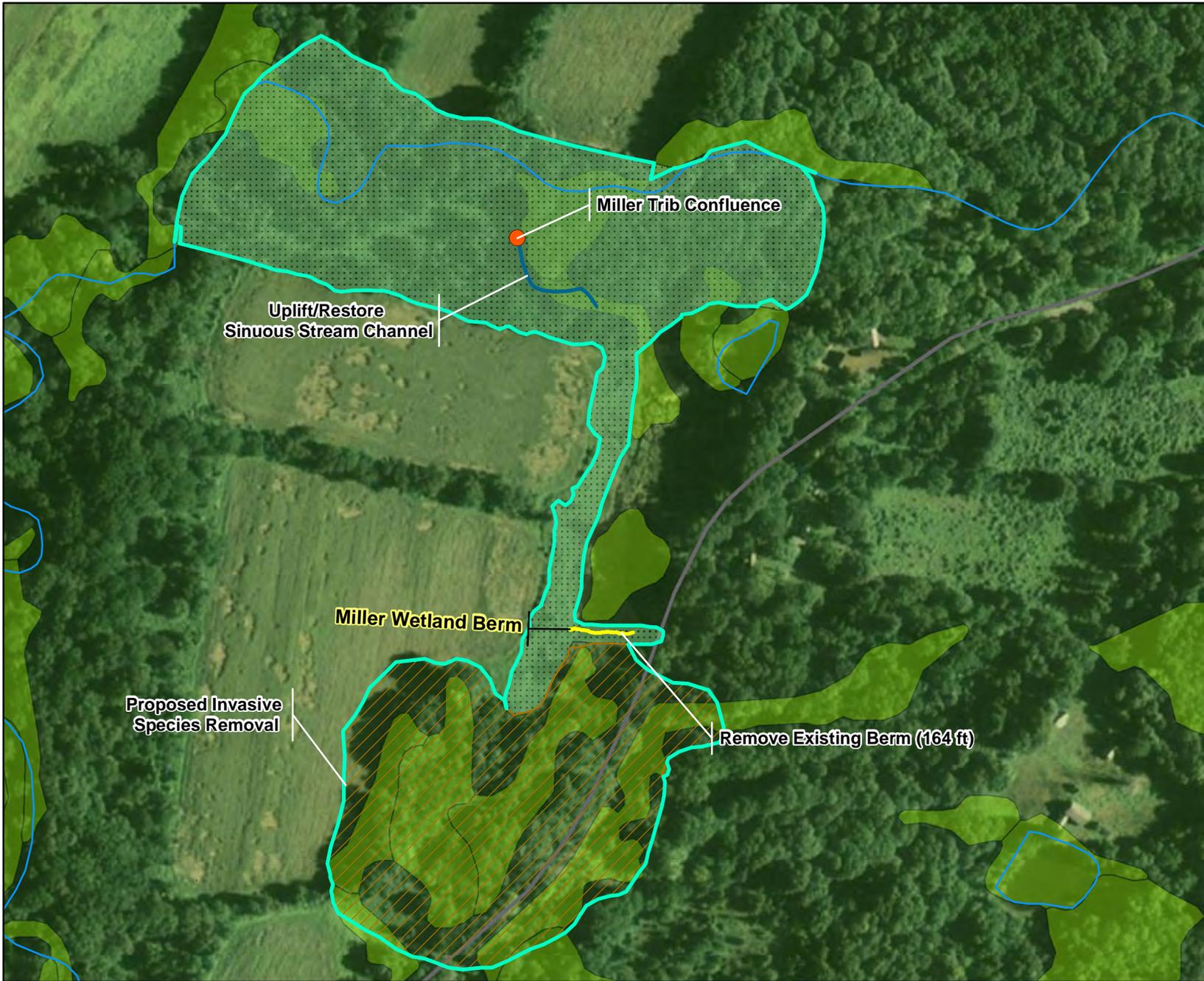
Susquehanna to Roseland
Transmission Line Proposal
and
Right-of-Way Request EIS

Figure 25
Cutoff Road Dam, Van Campens Restoration Project
Proposed Mitigation Projects

Source: ESRI Streetmap 2006, Penn State 2010,
ESRI ArcGISonline Map Service 2010,
PennDOT 2011, USGS 2006,
NJ DEP 2008, NWI 1977

Projection: NAD 83 UTM Zone 18N
Date: July 2012





- Legend**
- GPS Point Collected in June
 - WetlandMitigation_GPSline
 - Existing Stream / Creek
 - ~ Sinuous Stream Channel
 - Existing Wetlands
 - Proposed Emergent Wetland Restoration (13.16 Acres)
 - Proposed Invasive Species Control (11.61 Acres)
 - Proposed Work Area Boundary

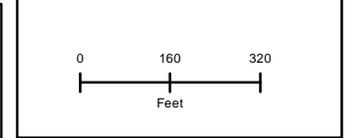


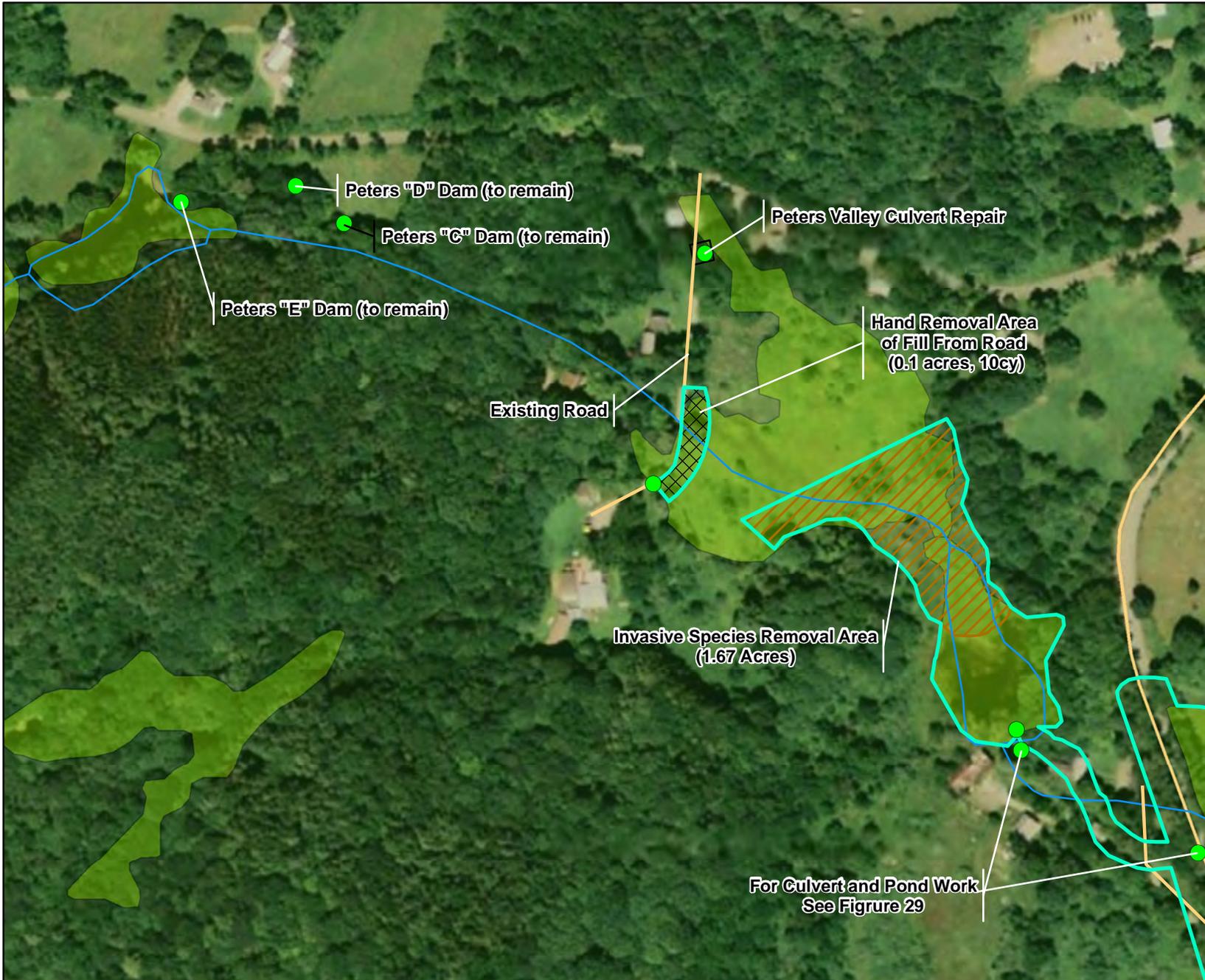
Susquehanna to Roseland
Transmission Line Proposal
and
Right-of-Way Request EIS

Figure 26
Miller Wetland Restoration Project
Proposed Mitigation Projects

Source: ESRI Streetmap 2006, Penn State 2010,
ESRI ArcGISonline Map Service 2010,
PennDOT 2011, USGS 2006,
NJ DEP 2008, NWI 1977

Projection: NAD 83 UTM Zone 18N
Date: July 2012





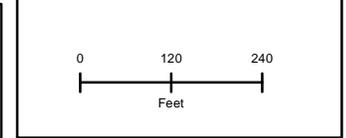
- Legend**
- GPS Point Collected in May
 - Existing Stream / Creek
 - Existing Wetlands
 - Existing Roads
 - Proposed Hand Removed Area of Road Fill (Oilac)
 - Proposed Invasive Species Control Area (1.67 Acres)
 - Proposed Work Area Boundary



Susquehanna to Roseland
Transmission Line Proposal
and
Right-of-Way Request EIS

Figure 27
Peters Culvert and Wetlands Restoration Project
Proposed Mitigation Projects

Source: ESRI Streetmap 2006, Penn State 2010, ESRI ArcGISonline Map Service 2010, PennDOT 2011, USGS 2006, NJ DEP 2008, NWI 1977
Projection: NAD 83 UTM Zone 18N
Date: July 2012



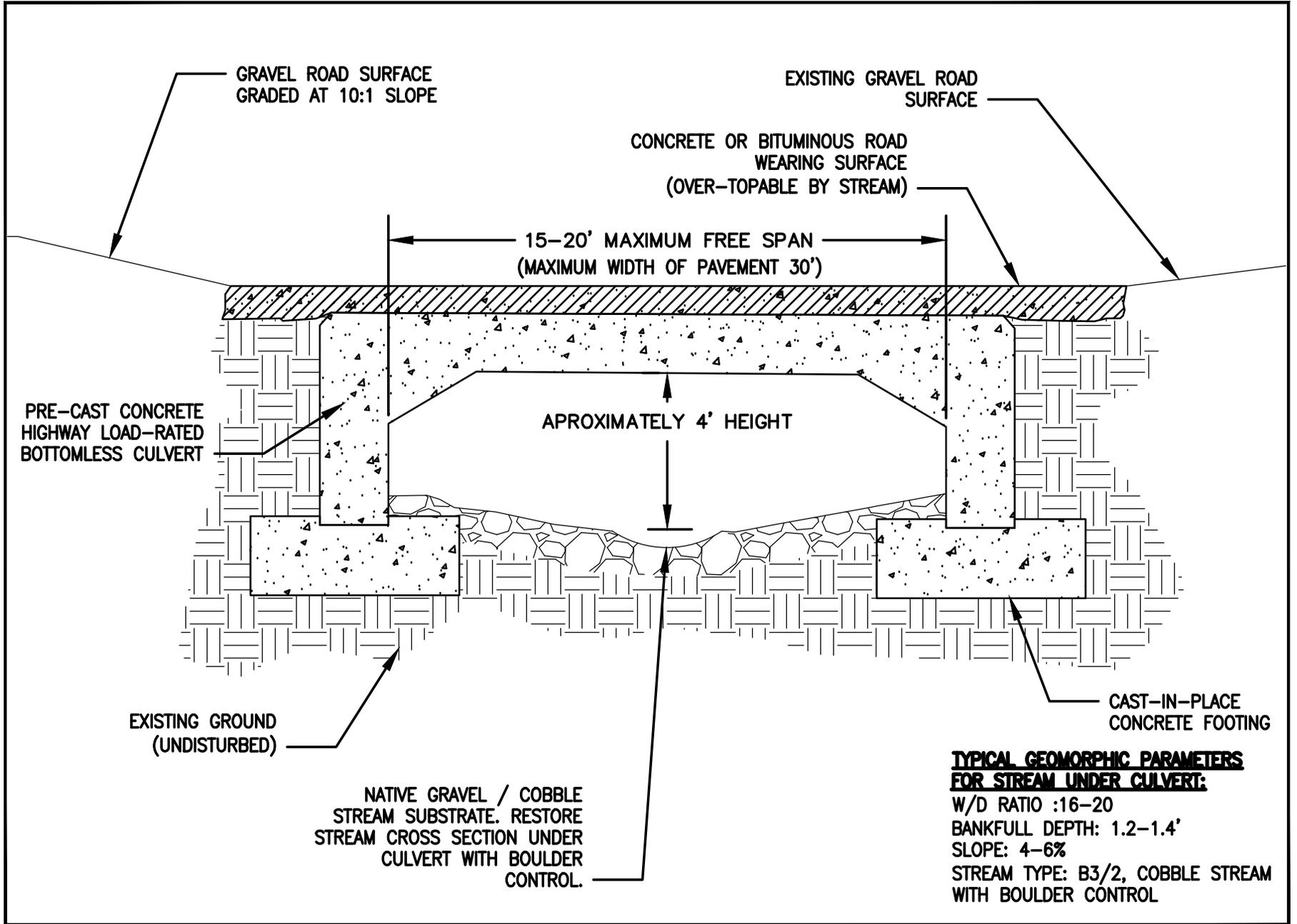


Figure 28. Peters Valley Culvert Replacement Typical Detail (Section View)





Legend

- GPS Point Collected in May
- Existing Stream / Creek
- Existing Wetlands
- Proposed Open Water
- Proposed Wetland Restoration (Open Water Conversion) (0.93 Acres)
- Proposed Invasive Species Control Area
- Proposed Stream Restoration
- Proposed Cobble B3/2 Stream for Connectivity
- X Herpetofauna Fencing
- Existing Roads
- Proposed Work Area Boundary

Note:

→ Mitigation boundary extends beyond map view

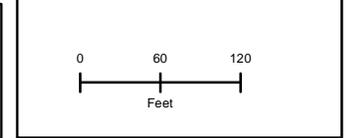


Susquehanna to Roseland
Transmission Line Proposal
and
Right-of-Way Request EIS

Figure 29
Peters Mill Pond Wetland Restoration
And RT 615 Connectivity Projects

Source: ESRI Streetmap 2006, Penn State 2010,
ESRI ArcGISonline Map Service 2010,
PennDOT 2011, USGS 2006,
NJ DEP 2008, NWI 1977

Projection: NAD 83 UTM Zone 18N
Date: July 2012



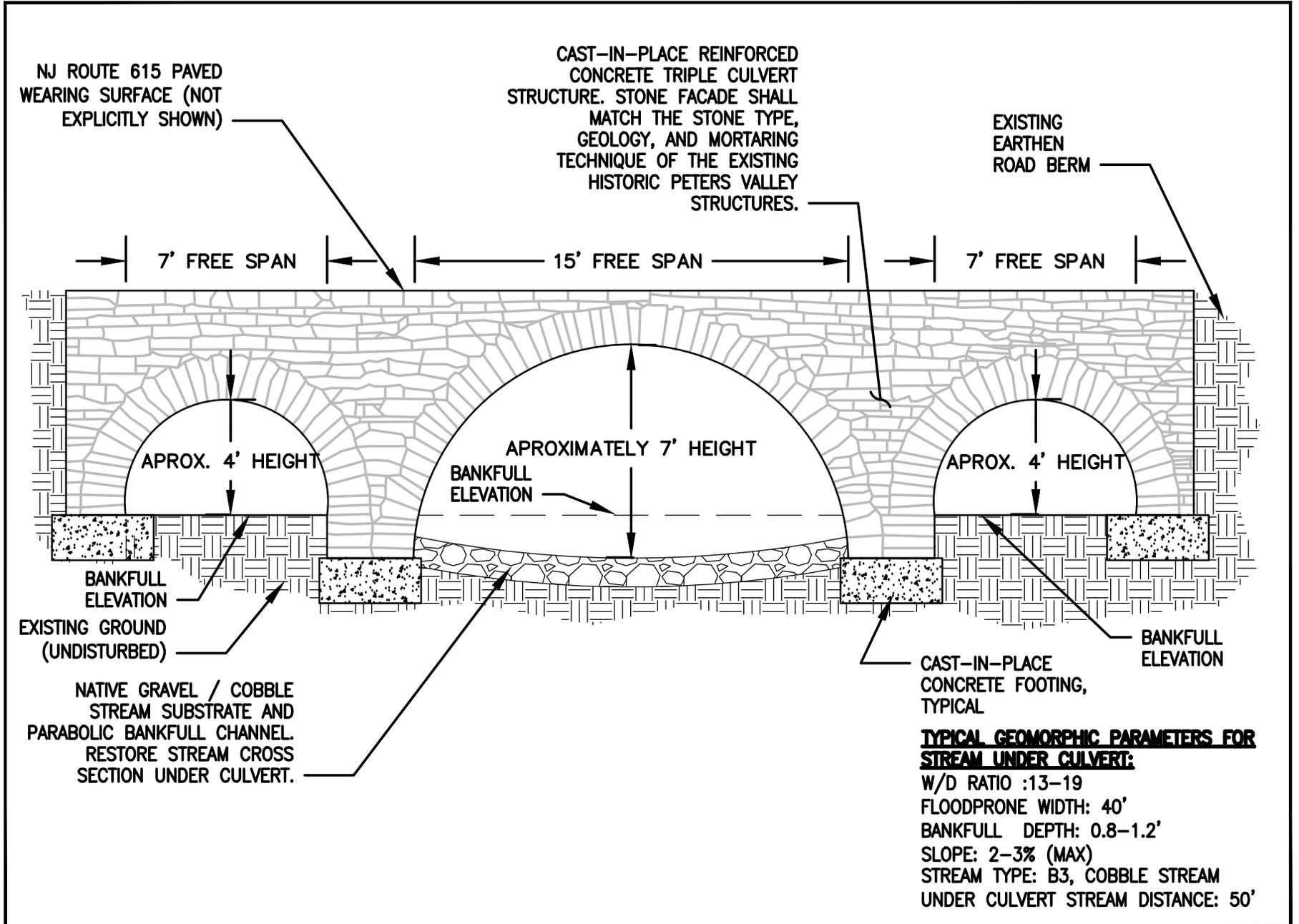
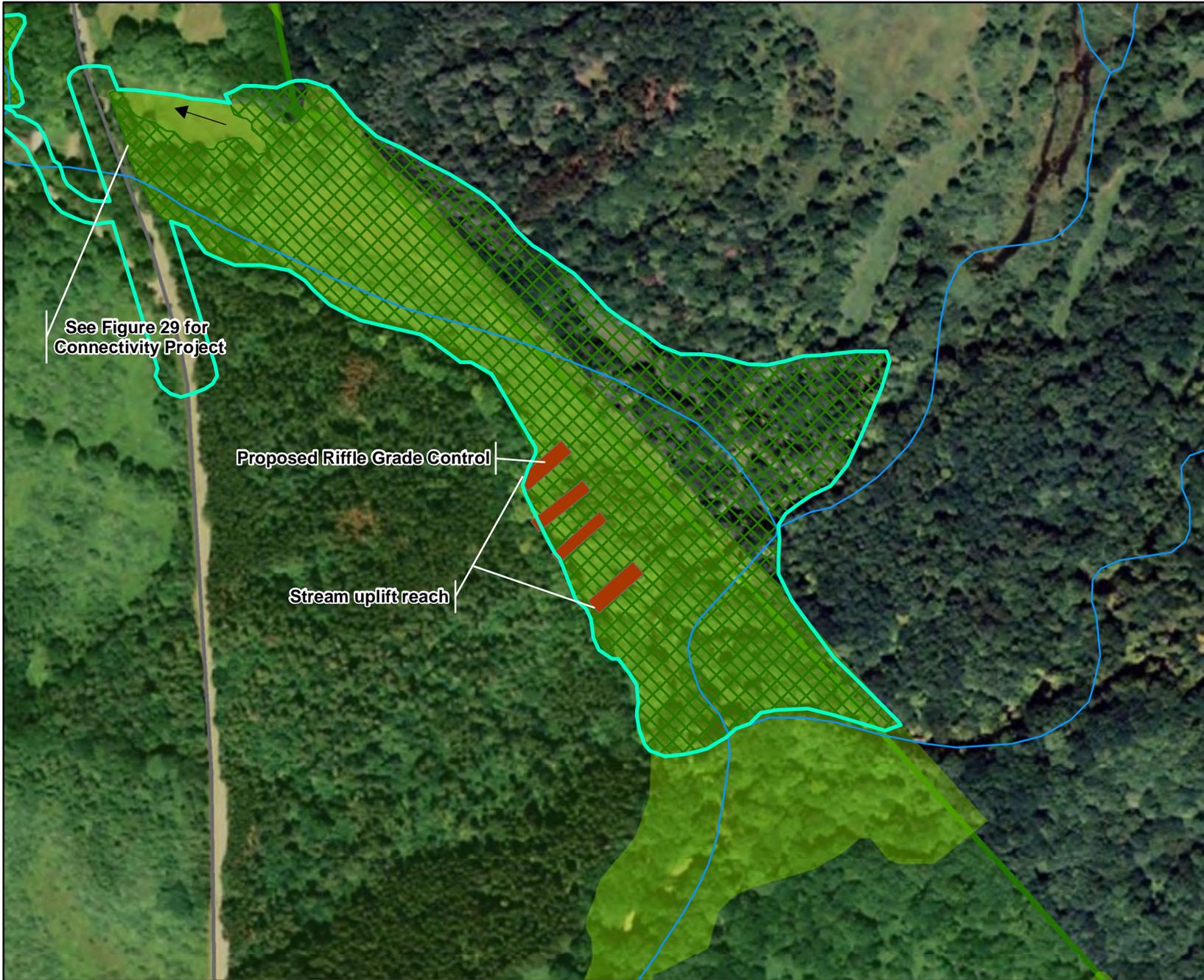


Figure 30. Peters Valley NJ Route 615 Herpetofauna Connectivity Project (Section View)





Legend

- Existing Stream / Creek
- Existing Wetlands
- Proposed Riffle Grade Control
- Proposed Wetland Restoration Area (Grading) (18.82 Acres)
- Proposed Work Area Boundary

Note:

- Mitigation boundary extends beyond map view

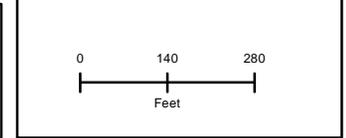


Susquehanna to Roseland
Transmission Line Proposal
and
Right-of-Way Request EIS

Figure 31
UNT to Little Flatbrook Wetland Restoration Project
Proposed Mitigation Projects

Source: ESRI Streetmap 2006, Penn State 2010,
ESRI ArcGISonline Map Service 2010,
PennDOT 2011, USGS 2006,
NJ DEP 2008, NWI 1977

Projection: NAD 83 UTM Zone 18N
Date: July 2012





Legend

- Existing Stream / Creek
- ~ Sinuous Stream Channel
- Existing Wetlands
- Proposed Step Pool System / B3 Stream
- Proposed Emergent Wetland Restoration (Conversion) / Enhancement (11.05 Acres)
- Proposed Work Area Boundary

Note:

→ Mitigation boundary extends beyond map view

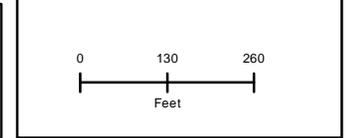


Susquehanna to Roseland
Transmission Line Proposal
and
Right-of-Way Request EIS

Figure 32
Camp Kittatinny Pond Wetland Restoration Project
Proposed Mitigation Projects

Source: ESRI Streetmap 2006, Penn State 2010,
ESRI ArcGISonline Map Service 2010,
PennDOT 2011, USGS 2006,
NJ DEP 2008, NWI 1977

Projection: NAD 83 UTM Zone 18N
Date: July 2012



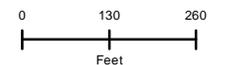


Legend

-  Existing Stream / Creek
-  Proposed Stream Restoration
-  Existing Wetlands
-  Proposed Emergent Wetland Restoration (Conversion) / Enhancement (6.65 Acres)
-  Proposed Work Area Boundary

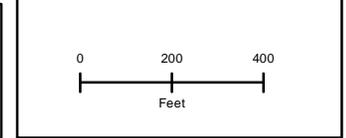
Note:

-  Mitigation boundary extends beyond map view





- Legend**
- GPS Line collected in June
 - Existing Stream / Creek
 - ~ Proposed Stream Channel Restoration
 - Existing Open Water
 - Existing Wetlands
 - Proposed Step Pool System / C3 Stream
 - Proposed Emergent Wetland Restoration (Conversion) (1.08 Acres)
 - Proposed Emergent Wetland Restoration (Grading) (2.95 Acres)
 - Proposed Work Area Boundary





Legend

- Existing Stream / Creek
- ~ Proposed Stream Restoration
- Existing Wetlands
- Proposed Step Pool System / B3 Stream (157 ft)
- Proposed Emergent Wetland Restoration (Conversion) (0.99 Acres)
- Proposed Emergent Wetland Restoration (Grading) (0.37 Acres)
- Proposed Work Area Boundary

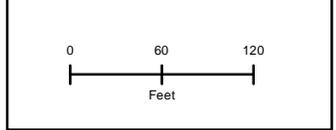
Figure 35
Sussex Vo-Tech Pond Wetland Restoration Project
Proposed Mitigation Projects

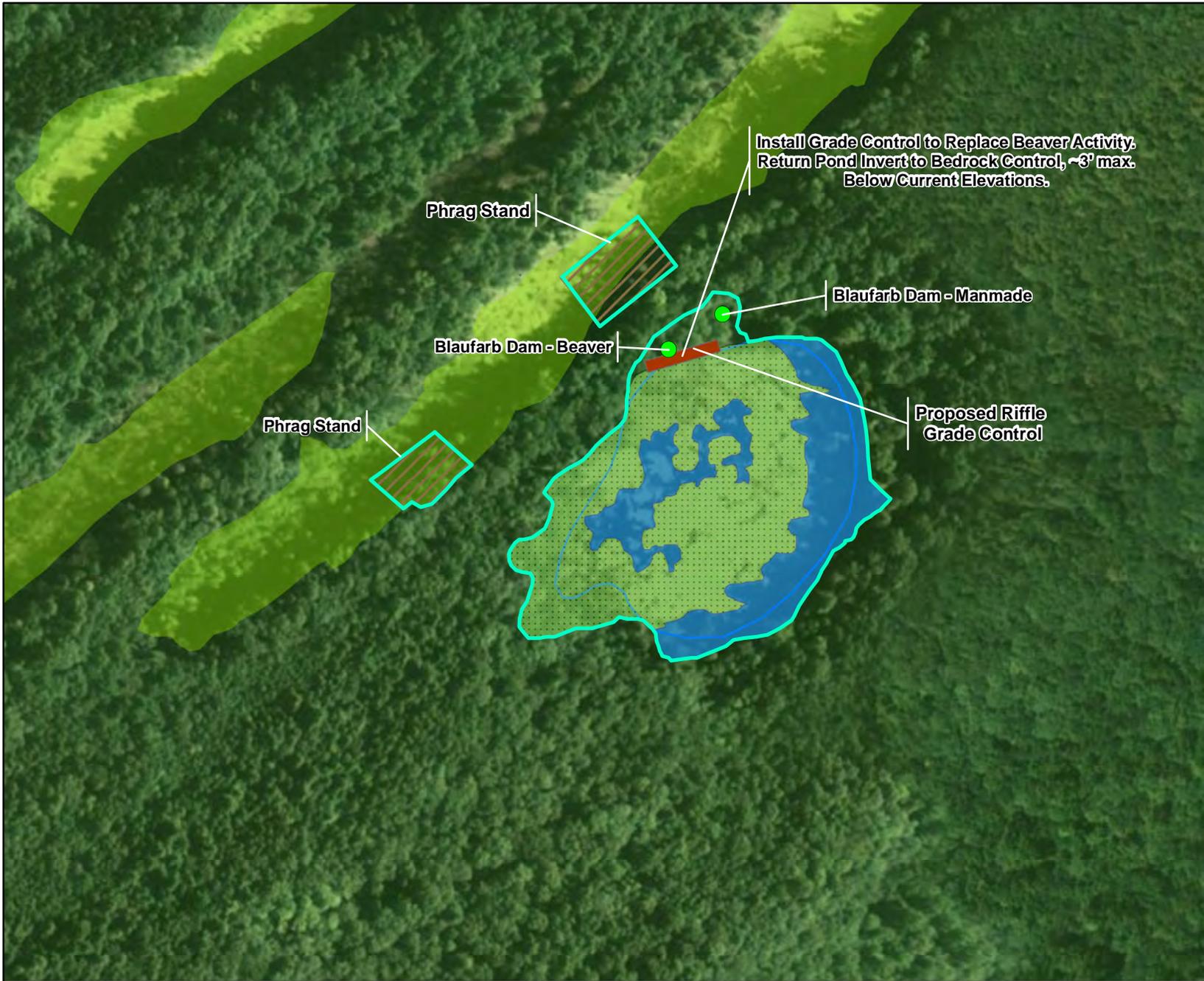


Susquehanna to Roseland
 Transmission Line Proposal
 and
 Right-of-Way Request EIS

Source: ESRI Streetmap 2006, Penn State 2010,
 ESRI ArcGISonline Map Service 2010,
 PennDOT 2011, USGS 2006,
 NJ DEP 2008, NWI 1977

Projection: NAD 83 UTM Zone 18N
 Date: July 2012





- Legend**
- GPS Point Collected in May
 - ~ Proposed Stream Restoration
 - Existing Stream / Creek
 - Existing Open Water
 - Existing Wetlands
 - ▨ Phragmites / Invasive Species Control (0.96 Acres)
 - Proposed Riffle Grade Control/Cascade
 - ▨ Proposed Emergent Wetland Restoration (Conversion) (4.77 Acres)
 - Proposed Work Area Boundary

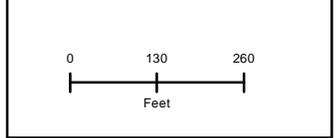


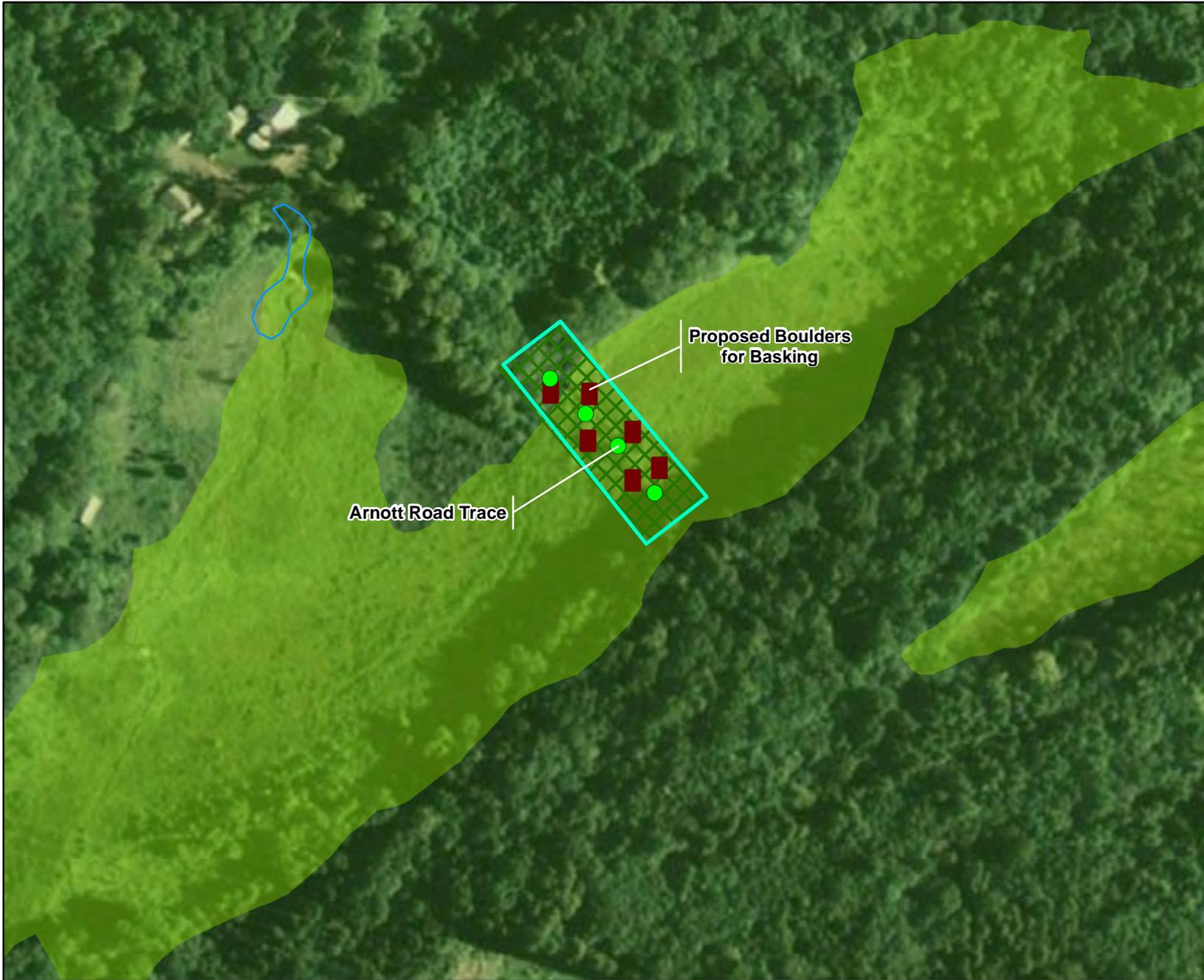
Susquehanna to Roseland
Transmission Line Proposal
and
Right-of-Way Request EIS

Figure 36
Blaugarb Pond Wetland Restoration Project
Proposed Mitigation Projects

Source: ESRI Streetmap 2006, Penn State 2010,
ESRI ArcGISonline Map Service 2010,
PennDOT 2011, USGS 2006,
NJ DEP 2008, NWI 1977

Projection: NAD 83 UTM Zone 18N
Date: July 2012





- Legend**
- Existing Stream / Creek
 - Wetlands
 - Proposed Wetland Restoration (Grading - 0.25 acres)
 - Proposed Boulders
 - Proposed Work Area Boundary

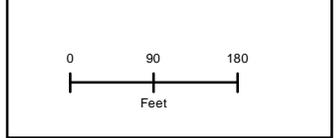


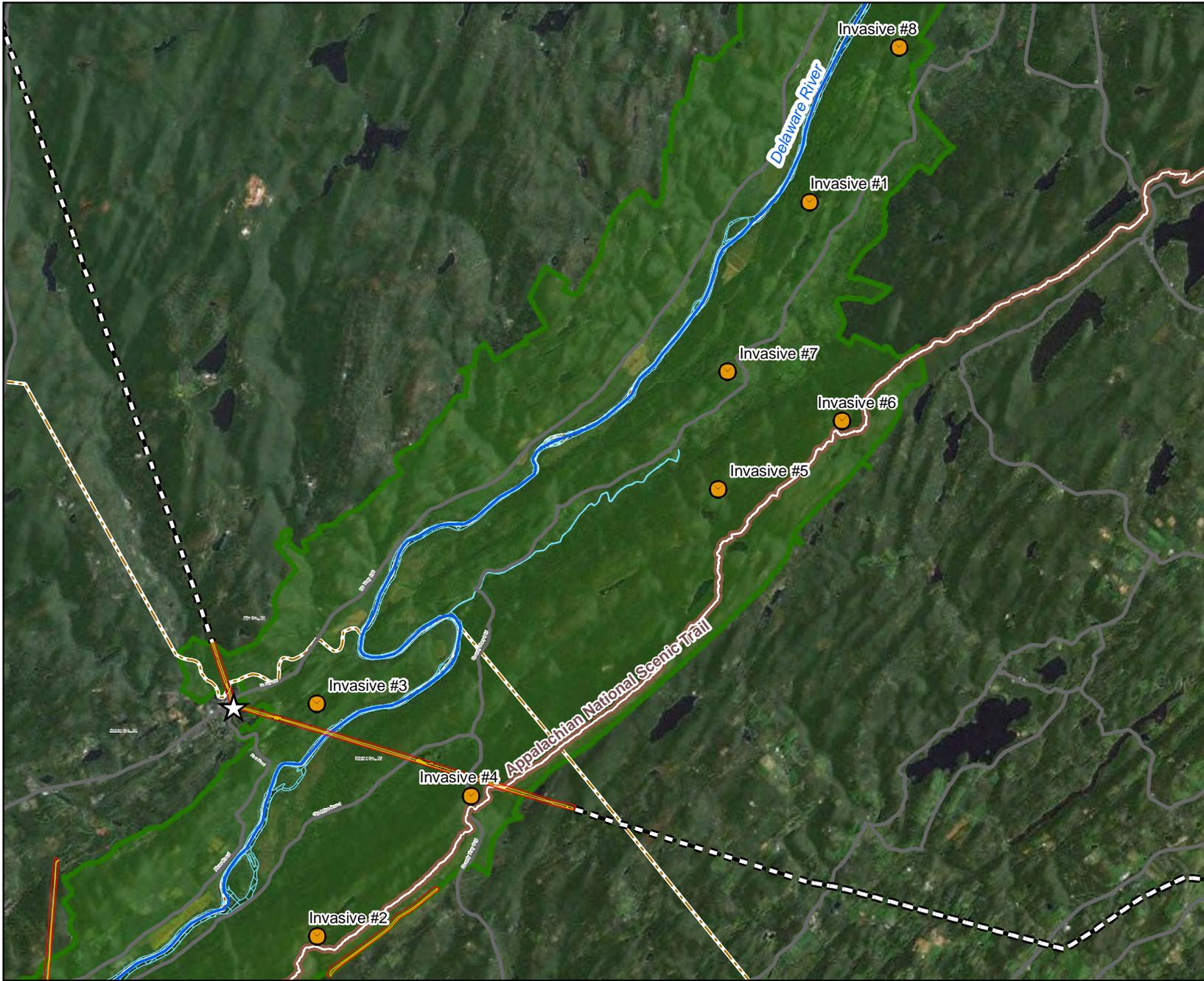
Susquehanna to Roseland
Transmission Line Proposal
and
Right-of-Way Request EIS

Figure 37
Community Drive / Arnott Fen
Wetland Restoration Project
Proposed Mitigation Projects

Source: ESRI Streetmap 2006, Penn State 2010,
ESRI ArcGISonline Map Service 2010,
PennDOT 2011, USGS 2006,
NJ DEP 2008, NWI 1977

Projection: NAD 83 UTM Zone 18N
Date: July 2012





Legend

-  Location of Priority Invasive Species Removal
-  Substation
-  Outside Study Area
-  Existing ROW in Study Area
-  350 ft Corridor
-  Delaware River
-  Road
-  Delaware Water Gap National Recreation Area
-  Wetlands within 350ft buffer
-  Wetlands
-  County Line



Susquehanna to Roseland
Transmission Line Proposal
and
Right-of-Way Request EIS

Figure 38
Invasive Plant Species Removal
Proposed Mitigation Project

Source: ESRI Streetmap 2006, Penn State 2010,
ESRI ArcGISonline Map Service 2010,
PennDOT 2011, USGS 2006,
NJ DEP 2008, NWI 1977

Projection: NAD 83 UTM Zone 18N
Date: October, 2011

