



February 22, 2016

Ms. Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

Re: PennEast Pipeline Company, LLC, Docket No. CP15-558-000
Supplemental Information Filing

Dear Ms. Bose:

On September 24, 2015, PennEast Pipeline Company, LLC (PennEast) filed its Application for Certificates of Public Convenience and Necessity and Related Authorizations (September 2015 Application) with the Federal Energy Regulatory Commission (FERC or Commission) for the PennEast Pipeline Project (Project). Since the September 2015 Application, PennEast has evaluated various route alternatives based on comments filed in this proceeding and an collaborative, on-going discussions with landowners, regulatory agencies, and other stakeholders. In light of those evaluations, PennEast adopted several route deviations described in its Supplemental Information filing dated December 14, 2015.

As described further below, PennEast has adopted seven (7) additional deviations from the route proposed in the September 2015 Application, as modified by the route deviations filed on December 14, 2015, and is hereby filing supplemental information regarding these additional adopted route deviations. PennEast notes that contemporaneously herewith, PennEast is filing its responses (February Data Responses) to the Commission's Environmental Data Request dated February 10, 2016. PennEast's February Data Responses address and incorporate information pertaining to the route deviations adopted herein where applicable. The updated landowner list provided as part of the February Data Responses reflects the newly affected landowners associated with the route deviations adopted herein.

Description of Adopted Deviations

PennEast has adopted the following seven route deviations: Deviation Nos. 1704, 1808, 1907, 1913, and 2000 in Hunterdon County, New Jersey, and Deviation Nos. 2100 and 2102 in Mercer County, New Jersey.

Deviation No. 1704 is located between mileposts (MPs) 78.7 and 79.7 in Hunterdon County, New Jersey. PennEast adopted this deviation to address feedback from resource agencies received during a route review meeting on January 11, 2016. This deviation avoids crossing a category one (C1) waterway, associated mapped forested wetlands on both sides of Dogwood Drive, and a preserved farmland. Additionally, Deviation No. 1704 allows the route to follow a ridge and alleviates side slope areas that would have existed at the crossing of Dogwood

Drive. Landowners associated with Deviation No. 1704 were included on the landowner list provided in the September 2015 Application as abutters. Additionally, three (3) landowners not previously identified as abutters have small amounts of temporary workspace on their property as a result of adopting Deviation No. 1704. Such landowners have been identified in the updated affected landowner list provided as part of the February Data Responses.

Deviation No. 1808 is located between MPs 86.6 and 87.1 in Hunterdon County, New Jersey. PennEast adopted this deviation to minimize impact to environmentally sensitive areas raised as a concern by resource agencies during the January 11 route review meeting. Deviation No. 1808 avoids crossing a parcel with a Green Acres conservation easement. Landowners associated with Deviation No. 1808 were included on the landowner list provided in the September 2015 Application as abutters.

Deviation No. 1907 is located between MPs 89.6 and 90.8 in Hunterdon County, New Jersey. PennEast adopted this deviation to minimize impact to environmentally sensitive areas raised as a concern by resource agencies during the January 11 route review meeting. Deviation No. 1907 avoids crossing a parcel with a Green Acres conservation easement and minimizes the impact to forested areas and wetland crossings. Landowners associated with Deviation No. 1907 were included on the landowner list provided in the September 2015 Application as abutters.

Deviation No. 1913 is located between MPs 99.0 and 101.0 in Hunterdon County, New Jersey. PennEast adopted this deviation to minimize impact to environmentally sensitive areas raised as a concern by resource agencies during the January 11 route review meeting and to implement a trenchless crossing of several roadways, third-party utilities, and several C1 waterways, including Alexauken Creek. Deviation No. 1913 also avoids paralleling a C1 waterway and forested riparian area and minimizes forestland impacts. Another result of adopting Deviation No. 1913 is that this route deviation allows for the crossing of one (1) C1 waterway by dry crossing methodology in a location that appears to have been previously crossed by farm equipment. The dry crossing methodology will further minimize the impacts to the riparian buffer on both sides of the crossing. Additionally, Deviation No. 1913 optimizes co-location opportunities with the adjacent overhead utility corridor. This route deviation requires relocating the Lambertville Launcher Site to the trenchless crossing workspace. The new site area accommodates post-construction storm water management design elements and optimizes pipeline design. Landowners associated with Deviation No. 1913 were included on the landowner list provided in the September 2015 Application as abutters.

Deviation No. 2000 is located between MPs 101.3 and 101.7 in Hunterdon County, New Jersey. PennEast adopted this route deviation by moving to the opposite side of the existing overhead utility corridor and providing separation from the paralleling waterbody and forested wetland. Deviation No. 2000 reduces forest clearing while maintaining co-location with existing utility corridors. Deviation No. 2000 does not require any additional landowners to be crossed by the Project.

Deviation No. 2100 is located between MPs 112.9 and 113.5 in Mercer County, New Jersey. PennEast adopted this route deviation as a route optimization that corresponds to

Ms. Kimberly D. Bose, Secretary

February 22, 2016

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proposed land development plans for the applicable parcels crossed. PennEast collaborated with the landowner to improve co-location with existing natural gas pipelines and to minimize impacts from the proposed route with the development plans for the applicable parcels. Additionally, Deviation No. 2100 avoids crossing a parcel with a Green Acres conservation easement. Deviation No. 2100 does not require any additional landowners to be crossed by the Project.

Deviation No. 2102 is located between MPs 112.0 and 112.7 in Mercer County, New Jersey. PennEast adopted this deviation based upon feedback and field information received from the affected property owners. Deviation No. 2102 is a route optimization that would remove interference with proposed housing and commercial land use development plans on the applicable parcels. Hopewell Township has plans to develop low-income housing on this parcel in the area originally crossed by the Project. Deviation No. 2102 would avoid impacts to the housing development plan and to future commercial development plans adjacent to New Jersey State Route 31 by co-locating with the existing natural gas pipelines on the parcel. Deviation No. 2102 does not require any additional landowners to be crossed by the Project.

Supplemental Information Attachments

PennEast hereby files the following supplemental information regarding the adopted deviations described herein:

- Attachment A – Route Maps and Impact Tables for each adopted deviation that show the mileposts, parcels impacted, and comparisons of impacts for each deviation;
- Attachment B – Landowner Analysis Maps, which identify, by parcel, the changes to the landowner parcels affected by each deviation; and
- Attachment C – Updated U.S. Geographical Survey Quadrangle Maps for each deviation.

PennEast is contemporaneously serving copies of this transmittal letter to persons whose names appear on the Official Service List in this proceeding. Due to the voluminous nature of the attachments to this filing, PennEast is not serving the attachments to the persons on the Official Service List. PennEast will provide the attachments to those persons upon request.

Should you have any questions about this filing, please contact me at (610) 406-4322.

Sincerely,

/s/ Anthony C. Cox

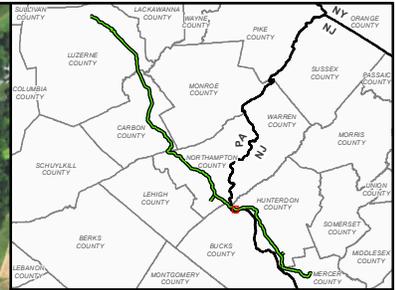
Anthony C. Cox

PennEast Pipeline Company, LLC,

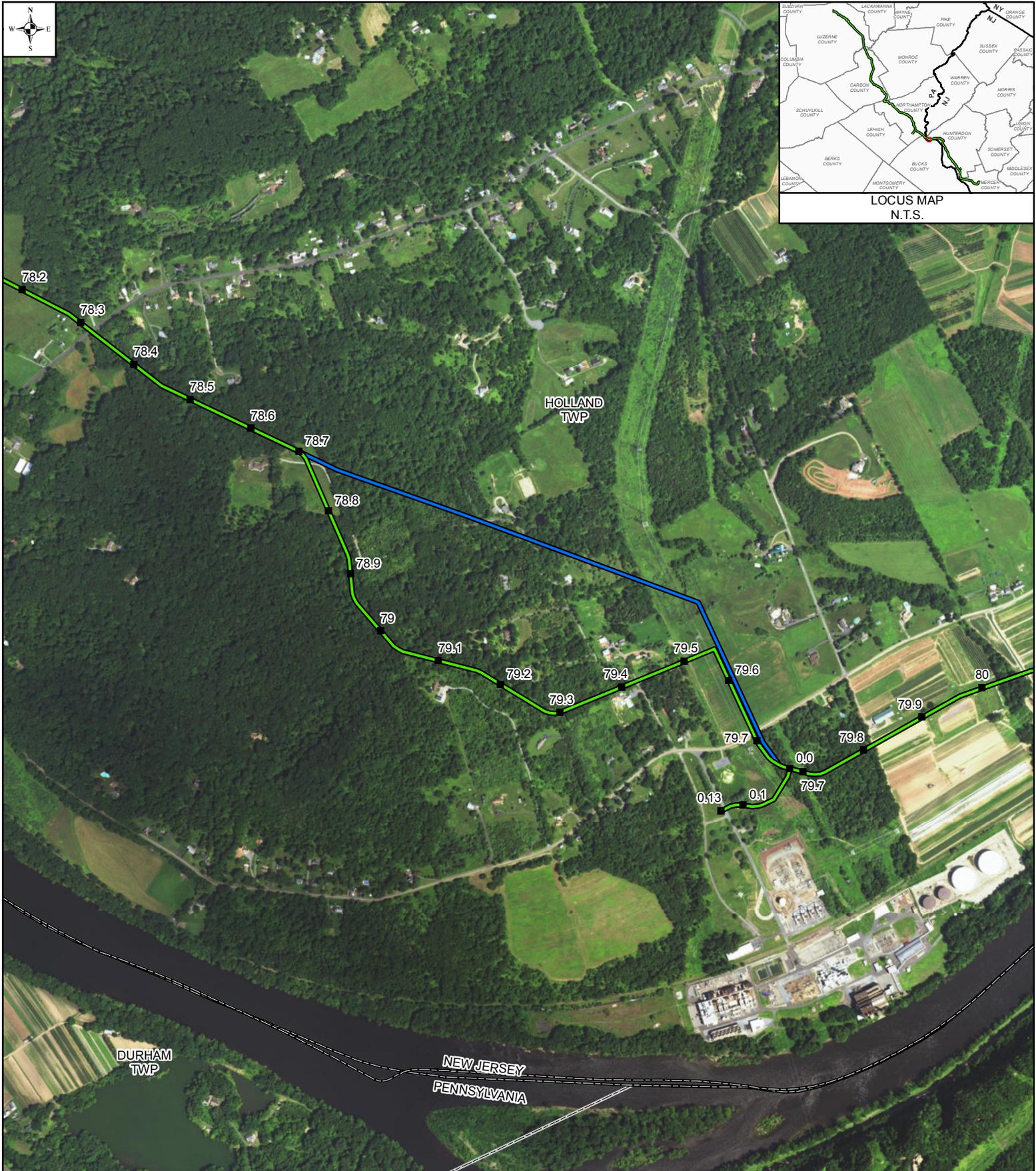
By its Project Manager

UGI Energy Services, LLC

cc: Medha Kochhar (FERC)



LOCUS MAP
N.T.S.



LEGEND

- MILEPOST
- PROPOSED ROUTE
- PRIOR ALTERNATIVE - DECEMBER 2015
- - - MUNICIPALITY BOUNDARY
- - - STATE BOUNDARY

MAPS COMPILED UTILIZING ESRI BASEMAP AERIAL IMAGERY

**PENNEAST
ROUTE DEVIATION # 1704**

HUNTERDON COUNTY, NEW JERSEY

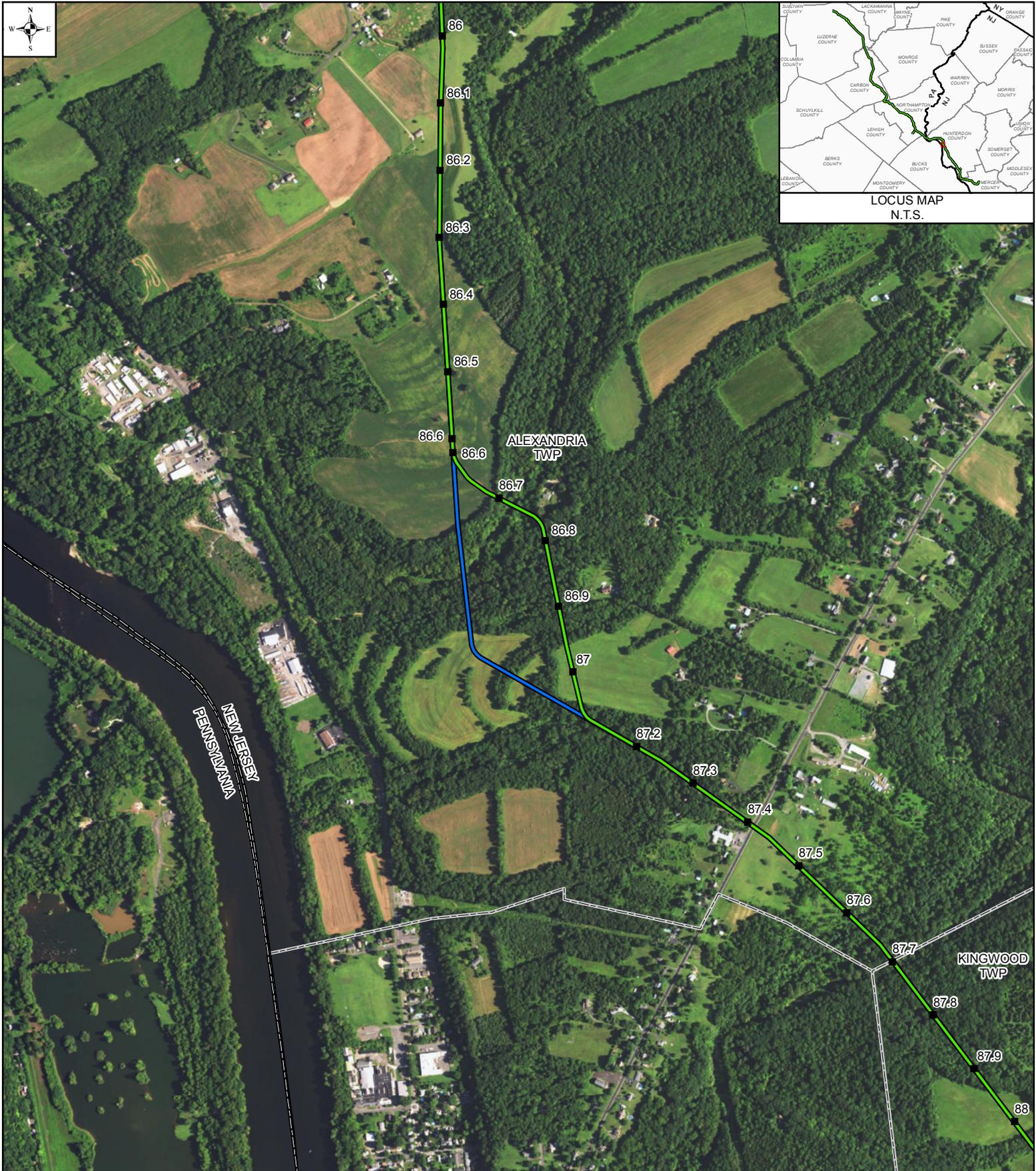


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DWG NO: P-1704

ROUTE VARIATION IMPACT TABLE
PennEast Pipeline Project
Mainline Segment (New Jersey)
Deviation 1704

Attribute	Units	Prior Alternative		Proposed Route	
Location Begin End	Mile Post	N/A		78.7 – 79.7	
Length	Ft	4,796		5,551	
Area	Acres *	13.76		15.90	
Land requirements: Construction Permanent	Acres *	8.26 5.50		9.54 6.36	
Colocation: Power Line ROW Pipeline ROW Road / Railroad ROW Total colocation	Ft	1,609 1,609 0 1,609		1,066 1,066 0 1,066	
Wetlands affected: Scrub-shrub wetlands Emergent wetlands Forested wetlands Total wetlands	Acres/Acres **	Construction 0.0 0.35 0.38 0.73	Permanent 0.0 0.15 0.18 0.33	Construction 0.0 0.0 0.0 0.0	Permanent 0.0 0.0 0.0 0.0
Waterbodies / Streams crossed	#	1		0	
C1 Waterbodies / Streams crossed	#	1		0	
Cultural resources sites	Number	Surveyed / 0 sites		N/A ***	
Land Use Impacts: # Cultivated Forested Open Residential/Commercial Open Water Total	Acres *	Construction 2.24 3.83 0.00 1.15 0.00 7.22	Permanent 1.4 2.59 0 0.77 0 0	Construction 1.91 6.16 0 1.22 0 9.29	Permanent 1.32 4.37 0.00 0.67 0.00 6.36
Public / Preserved Land: State Parks (Green Acres)	# Ft Acres	Construction 0 0 0	Permanent 0 0 0	Construction 0 0 0	Permanent 0 0 0
Special Interest Land Use (Conservation Areas, Preservation Areas, Ag Security, etc.)	# Ft Acres	2 1,577 2.68	2 1,577 1.80	0 0 0	0 0 0
Structures within 50 ft of construction work area Residences Commercial Other (Barn, Shed, etc.)	Number	0 0 1		1 0 0	
Parcels Crossed	Number	11		13	
* ** *** #	<p>Based on standard 125 Ft ROW width for worst case impacts.</p> <p>Based on 75 Ft wide necked down ROW through wetlands and utilizing NJDEP Land Use/Land Cover 2012 wetlands.</p> <p>Cultural resource surveys will be conducted if route variation is agreed to be preferred.</p> <p>Land Use Impacts are derived from NJDEP Land Use/Land Cover 2012 dataset.</p>				



LEGEND

- MILEPOST
- PROPOSED ROUTE
- PRIOR ALTERNATIVE - DECEMBER 2015
- - - MUNICIPALITY BOUNDARY
- - - STATE BOUNDARY

MAPS COMPILED UTILIZING ESRI BASEMAP AERIAL IMAGERY

PENNEAST			
ROUTE DEVIATION # 1808			
HUNTERDON COUNTY, NEW JERSEY			
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DWG NO: P-1808

ROUTE VARIATION IMPACT TABLE
PennEast Pipeline Project
Mainline Segment (New Jersey)
Deviation 1808

Attribute	Units	Prior Alternative		Proposed Route	
Location Begin End	Mile Post	N/A		86.6 – 87.1	
Length	Ft	2,638		2,524	
Area	Acres *	7.57		7.24	
Land requirements: Construction Permanent	Acres *	4.54 3.03		4.34 2.90	
Colocation: Power Line ROW Pipeline ROW Road / Railroad ROW Total colocation	Ft	0 0 0 0		0 0 0 0	
Wetlands affected: Scrub-shrub wetlands Emergent wetlands Forested wetlands Total wetlands	Acres/Acres **	Construction 0.10 0.0 0.012 0.112	Permanent 0.05 0.0 0.009 0.059	Construction 0.05 0.0 0.0 0.05	Permanent 0.03 0.0 0.0 0.03
Waterbodies / Streams crossed	#	1		1	
C1 Waterbodies / Streams crossed	#	1		1	
Cultural resources sites	Number	Surveyed / 0 sites		N/A ***	
Land Use Impacts: # Cultivated Forested Open Residential/Commercial Open Water Total	Acres *	Construction 2.26 1.99 0.00 0 0.11 0.87	Permanent 1.45 1.40 0.00 0 0.07 2.92	Construction 1.69 2.07 0.00 0.37 0.10 4.23	Permanent 1.14 1.38 0.00 0.25 0.07 2.84
Public / Preserved Land: State Parks (Green Acres)	# Ft Acres	Construction 1 1,417 2.45	Permanent 1 1,417 1.63	Construction 0 0 0	Permanent 0 0 0
Special Interest Land Use (Conservation Areas, Preservation Areas, Ag Security, etc.)	# Ft Acres	0 0 0	0 0 0	0 0 0	0 0 0
Structures within 50 ft of construction work area Residences Commercial Other (Barn, Shed, etc.)	Number	0 0 0		2 0 0	
Parcels Crossed	Number	3		5	
* Based on standard 125 Ft ROW width for worst case impacts.					
** Based on 75 Ft wide necked down ROW through wetlands and utilizing NJDEP Land Use/Land Cover 2012 wetlands.					
*** Cultural resource surveys will be conducted if route variation is agreed to be preferred.					
# Land Use Impacts are derived from NJDEP Land Use/Land Cover 2012 dataset.					



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- MILEPOST
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- PRIOR ALTERNATIVE - DECEMBER 2015
- MUNICIPALITY BOUNDARY

MAPS COMPILED UTILIZING ESRI BASEMAP AERIAL IMAGERY

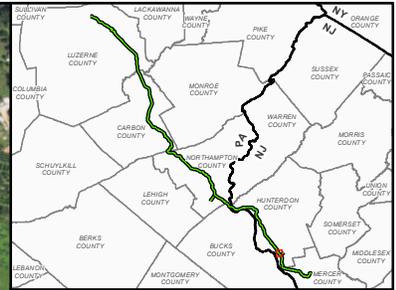
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ROUTE DEVIATION # 1907			
HUNTERDON COUNTY, NEW JERSEY			
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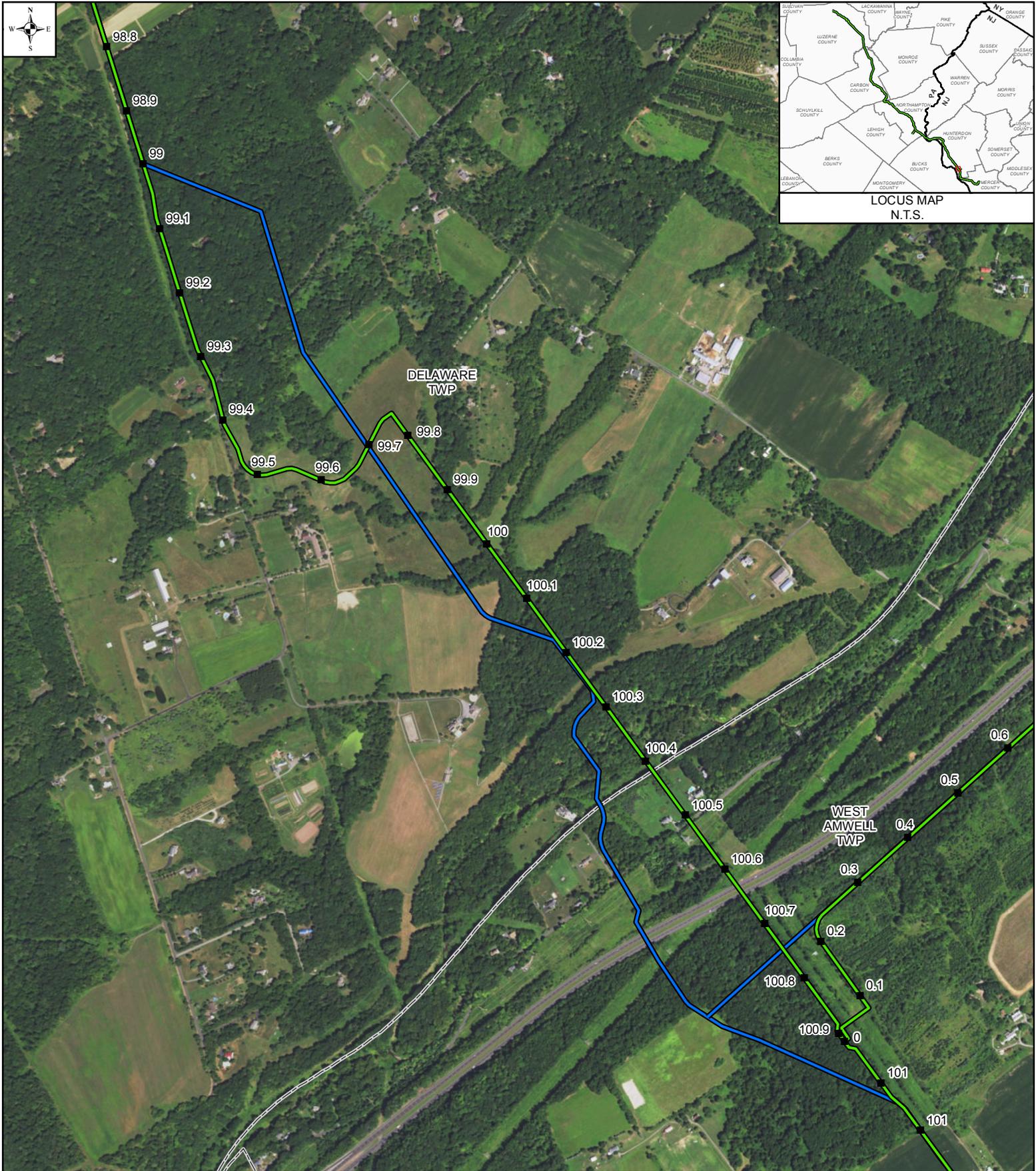
DWG NO: P-1907

ROUTE VARIATION IMPACT TABLE
PennEast Pipeline Project
Mainline Segment (New Jersey)
Deviation 1907

Attribute	Units	Prior Alternative		Proposed Route	
Location Begin End	Mile Post	N/A		89.6 – 90.8	
Length	Ft	5,772		6,383	
Area	Acres *	16.56		18.32	
Land requirements: Construction Permanent	Acres *	9.94 6.62		10.99 7.33	
Colocation: Power Line ROW Pipeline ROW Road / Railroad ROW Total colocation	Ft	3,856 0 0 3,856		0 0 0 0	
Wetlands affected: Scrub-shrub wetlands Emergent wetlands Forested wetlands Total wetlands	Acres/Acres **	Construction 0.0 0.0 0.39 0.39	Permanent 0.0 0.0 0.20 0.20	Construction 0.0 0.0 0.0 0.0	Permanent 0.0 0.0 0.0 0.0
Waterbodies / Streams crossed	#	1		2	
C1 Waterbodies / Streams crossed	#	0		0	
Cultural resources sites	Number	Surveyed / 0 sites		N/A ***	
Land Use Impacts: # Cultivated Forested Open Residential/Commercial Open Water Total	Acres *	Construction 1.85 4.92 0.00 0.59 0.04 7.4	Permanent 1.26 4.53 0.40 0 0.02 6.21	Construction 8.69 1.97 0.00 0.21 0.07 10.94	Permanent 5.61 1.52 0.00 0.14 0.04 7.31
Public / Preserved Land: State Parks (Green Acres)	# Ft Acres	Construction 1 1,661 2.85	Permanent 1 1,661 1.90	Construction 0 0 0	Permanent 0 0 0
Special Interest Land Use (Conservation Areas, Preservation Areas, Ag Security, etc.)	# Ft Acres	0 0 0	0 0 0	1 580 0.99	1 580 0.66
Structures within 50 ft of construction work area Residences Commercial Other (Barn, Shed, etc.)	Number	0 0 1		0 0 5	
Parcels Crossed	Number	8		8	
* Based on standard 125 Ft ROW width for worst case impacts.					
** Based on 75 Ft wide necked down ROW through wetlands and utilizing NJDEP Land Use/Land Cover 2012 wetlands.					
*** Cultural resource surveys will be conducted if route variation is agreed to be preferred.					
# Land Use Impacts are derived from NJDEP Land Use/Land Cover 2012 dataset.					



LOCUS MAP
N.T.S.



LEGEND

- MILEPOST
- PROPOSED ROUTE
- PRIOR ALTERNATIVE - DECEMBER 2015
- MUNICIPALITY BOUNDARY

MAPS COMPILED UTILIZING ESRI BASEMAP AERIAL IMAGERY

**PENNEAST
ROUTE DEVIATION # 1913**

HUNTERDON COUNTY, NEW JERSEY

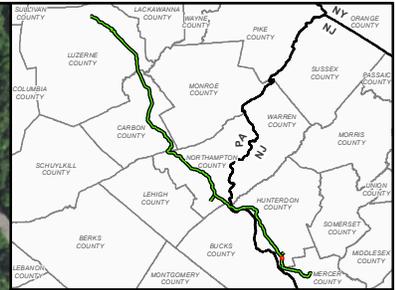


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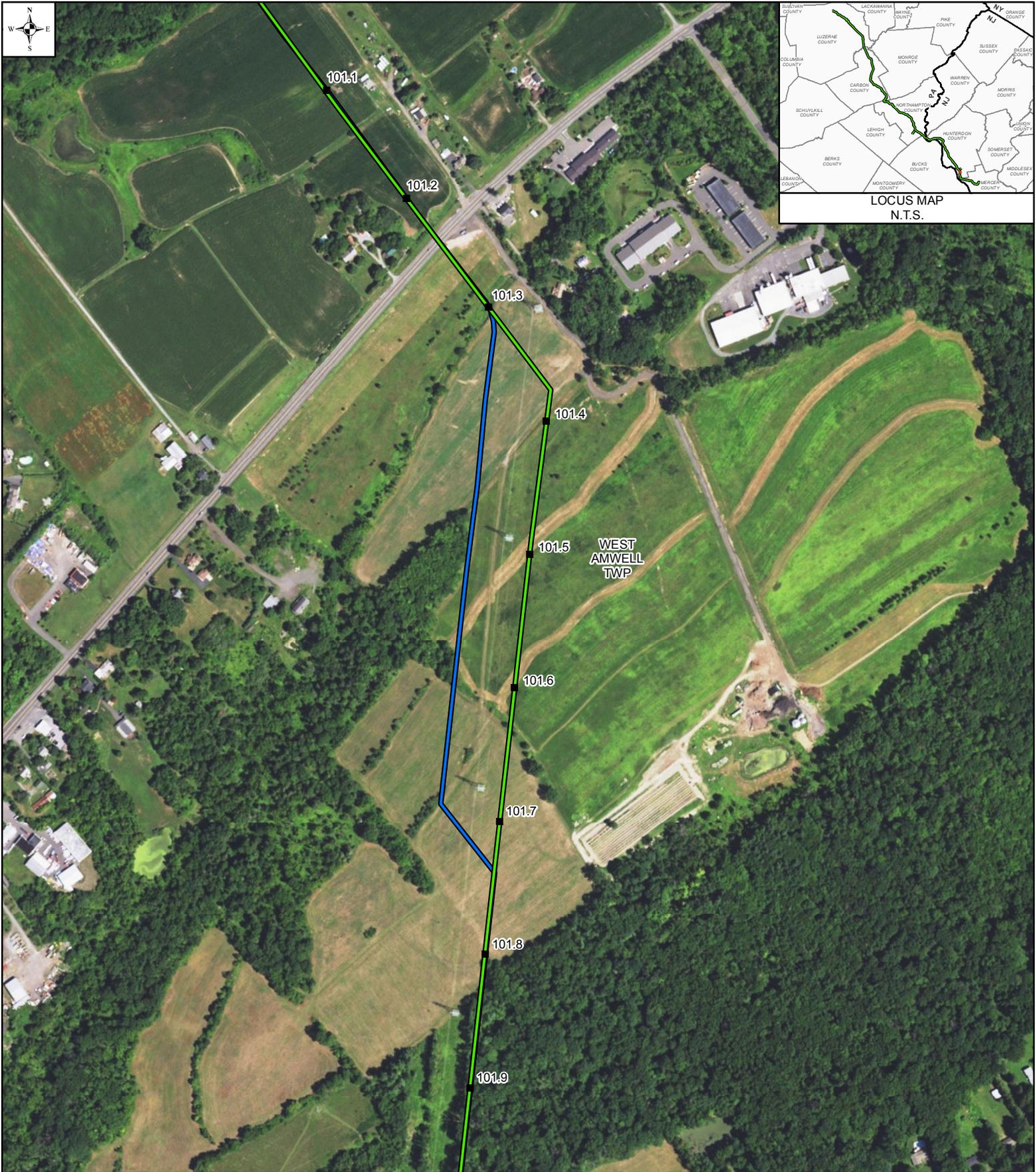
DWG NO: P-1913

ROUTE VARIATION IMPACT TABLE
PennEast Pipeline Project
Mainline Segment (New Jersey)
Deviation 1913

Attribute	Units	Prior Alternative		Proposed Route	
Location Begin End	Mile Post	N/A		99.0 – 101.0	
Length	Ft	10,383		10,780	
Area	Acres *	29.78		30.94	
Land requirements: Construction Permanent	Acres *	17.86 11.92		18.54 12.37	
Colocation: Power Line ROW Pipeline ROW Road / Railroad ROW Total colocation	Ft	0 0 0 0		2,191 0 0 2,191	
Wetlands affected: Scrub-shrub wetlands Emergent wetlands Forested wetlands Total wetlands	Acres/Acres **	Construction 0.0 0.0 0.12 0.12	Permanent 0.0 0.0 0.06 0.06	Construction 0.0 0.29 0.26 0.55	Permanent 0.0 0.15 0.12 0.27
Waterbodies / Streams crossed	#	7		6	
C1 Waterbodies / Streams crossed	#	7		6	
Cultural resources sites	Number	Surveyed / 0 sites		N/A ***	
Land Use Impacts: # Cultivated Forested Open Residential/Commercial Open Water Total	Acres *	Construction 4.58 11.74 0.00 0.16 0.07 16.55	Permanent 3.09 7.93 0.00 0 0.05 11.07	Construction 4.47 8.65 0.00 1.16 0.10 14.38	Permanent 2.79 6.45 0.00 0.76 0.06 10.06
Public / Preserved Land: State Parks (Green Acres)	# Ft Acres	Construction 0 0 0	Permanent 0 0 0	Construction 0 0 0	Permanent 0 0 0
Special Interest Land Use (Conservation Areas, Preservation Areas, Ag Security, etc.)	# Ft Acres	2 1,769 3.03	2 1,769 2.02	2 2,375 3.28	2 1,574 1.84
Structures within 50 ft of construction work area Residences Commercial Other (Barn, Shed, etc.)	Number	1 0 1		4 0 4	
Parcels Crossed	Number	17		22	
* Based on standard 125 Ft ROW width for worst case impacts.					
** Based on 75 Ft wide necked down ROW through wetlands and utilizing NJDEP Land Use/Land Cover 2012 wetlands.					
*** Cultural resource surveys will be conducted if route variation is agreed to be preferred.					
# Land Use Impacts are derived from NJDEP Land Use/Land Cover 2012 dataset.					



LOCUS MAP
N.T.S.



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- MILEPOST
- PROPOSED ROUTE
- PRIOR ALTERNATIVE - DECEMBER 2015
- MUNICIPALITY BOUNDARY

**PENNEAST
ROUTE DEVIATION # 2000**

HUNTERDON COUNTY, NEW JERSEY

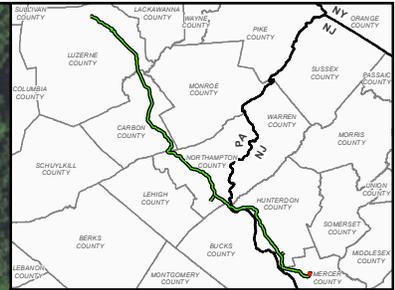
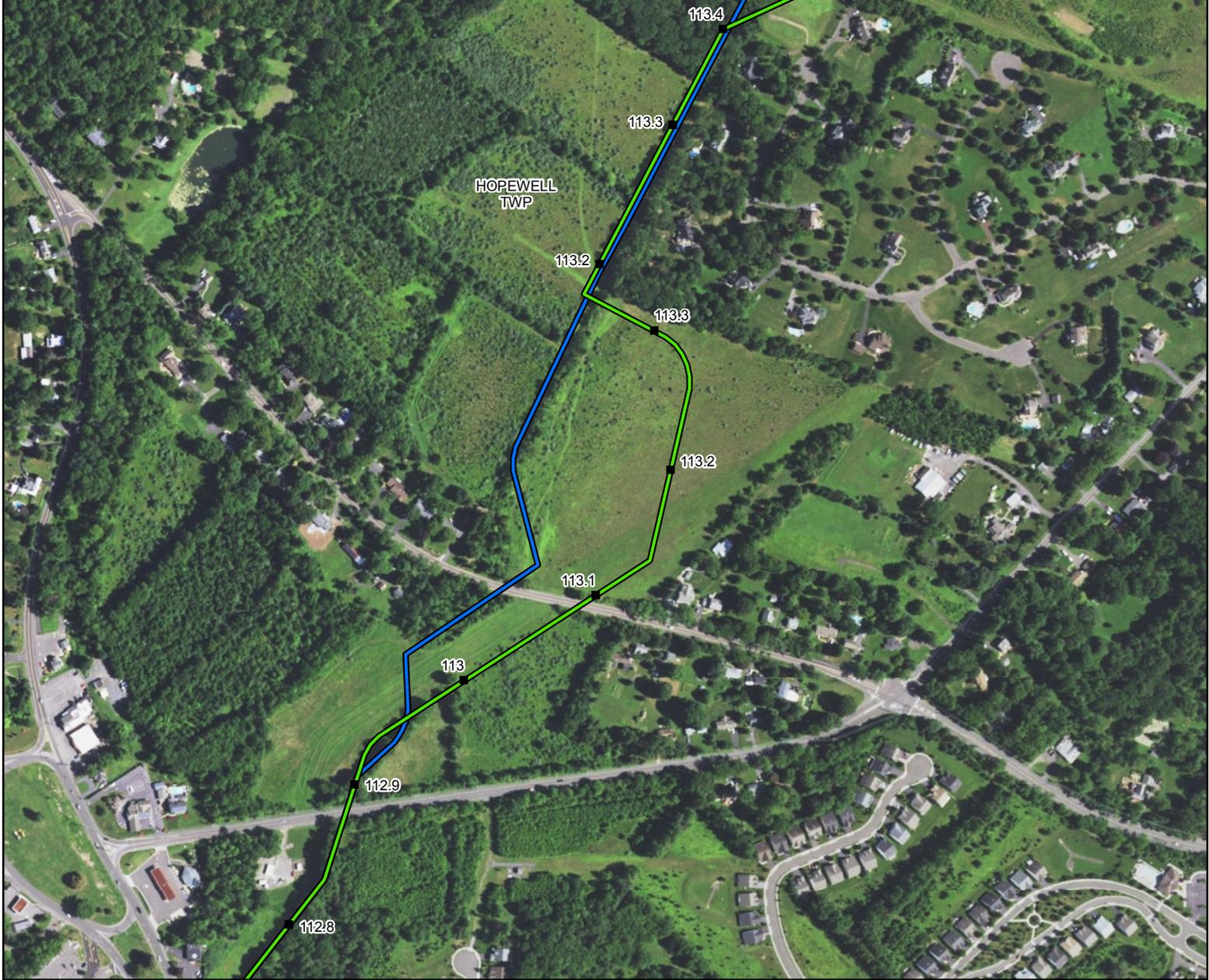


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DWG NO: P-2000

ROUTE VARIATION IMPACT TABLE
PennEast Pipeline Project
Mainline Segment (New Jersey)
Deviation 2000

Attribute	Units	Prior Alternative		Proposed Route	
Location Begin End	Mile Post	N/A		101.3 – 101.7	
Length	Ft	2,305		2,311	
Area	Acres *	6.61		6.63	
Land requirements: Construction Permanent	Acres *	3.97 2.64		3.98 2.65	
Colocation: Power Line ROW Pipeline ROW Road / Railroad ROW Total colocation	Ft	2,305 0 0 2,305		2,311 0 0 2,311	
Wetlands affected: Scrub-shrub wetlands Emergent wetlands Forested wetlands Total wetlands	Acres/Acres **	Construction 0.0 0.0 0.00 0.00	Permanent 0.0 0.0 0.0 0.0	Construction 0.0 0.0 0.0 0.0	Permanent 0.0 0.0 0.0 0.0
Waterbodies / Streams crossed	#	1		1	
C1 Waterbodies / Streams crossed	#	0		0	
Cultural resources sites	Number	Surveyed / 0 sites		N/A ***	
Land Use Impacts: # Cultivated Forested Open Residential/Commercial Open Water Total	Acres *	Construction 2.64 0.41 0.00 0 0.00 1.53	Permanent 1.76 0.37 0.00 0 0.00 2.13	Construction 3.98 0 0.00 0 0.00 3.98	Permanent 2.65 0 0.00 0 0.00 2.65
Public / Preserved Land: State Parks (Green Acres) Special Interest Land Use (Conservation Areas, Preservation Areas, Ag Security, etc.)	# Ft Acres # Ft Acres	Construction 2 1,597 2.74 2 1,463 2.52	Permanent 2 1,597 1.83 2 1,463 1.68	Construction 2 1,800 3.11 2 1,764 3.02	Permanent 2 1,800 2.07 2 1,764 2.01
Structures within 50 ft of construction work area Residences Commercial Other (Barn, Shed, etc.)	Number	0 0 0		0 0 0	
Parcels Crossed	Number	3		3	
* Based on standard 125 Ft ROW width for worst case impacts.					
** Based on 75 Ft wide necked down ROW through wetlands and utilizing NJDEP Land Use/Land Cover 2012 wetlands.					
*** Cultural resource surveys will be conducted if route variation is agreed to be preferred.					
# Land Use Impacts are derived from NJDEP Land Use/Land Cover 2012 dataset.					



LOCUS MAP
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LEGEND

- MILEPOST
- PROPOSED ROUTE
- PRIOR ALTERNATIVE - DECEMBER 2015
- - - MUNICIPALITY BOUNDARY

MAPS COMPILED UTILIZING ESRI BASEMAP AERIAL IMAGERY

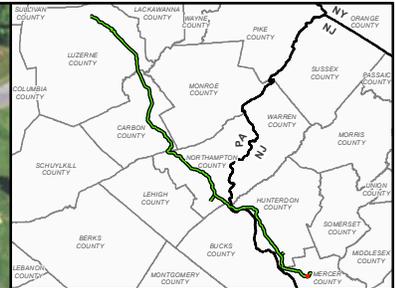
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ROUTE DEVIATION # 2100			
MERCER COUNTY, NEW JERSEY			
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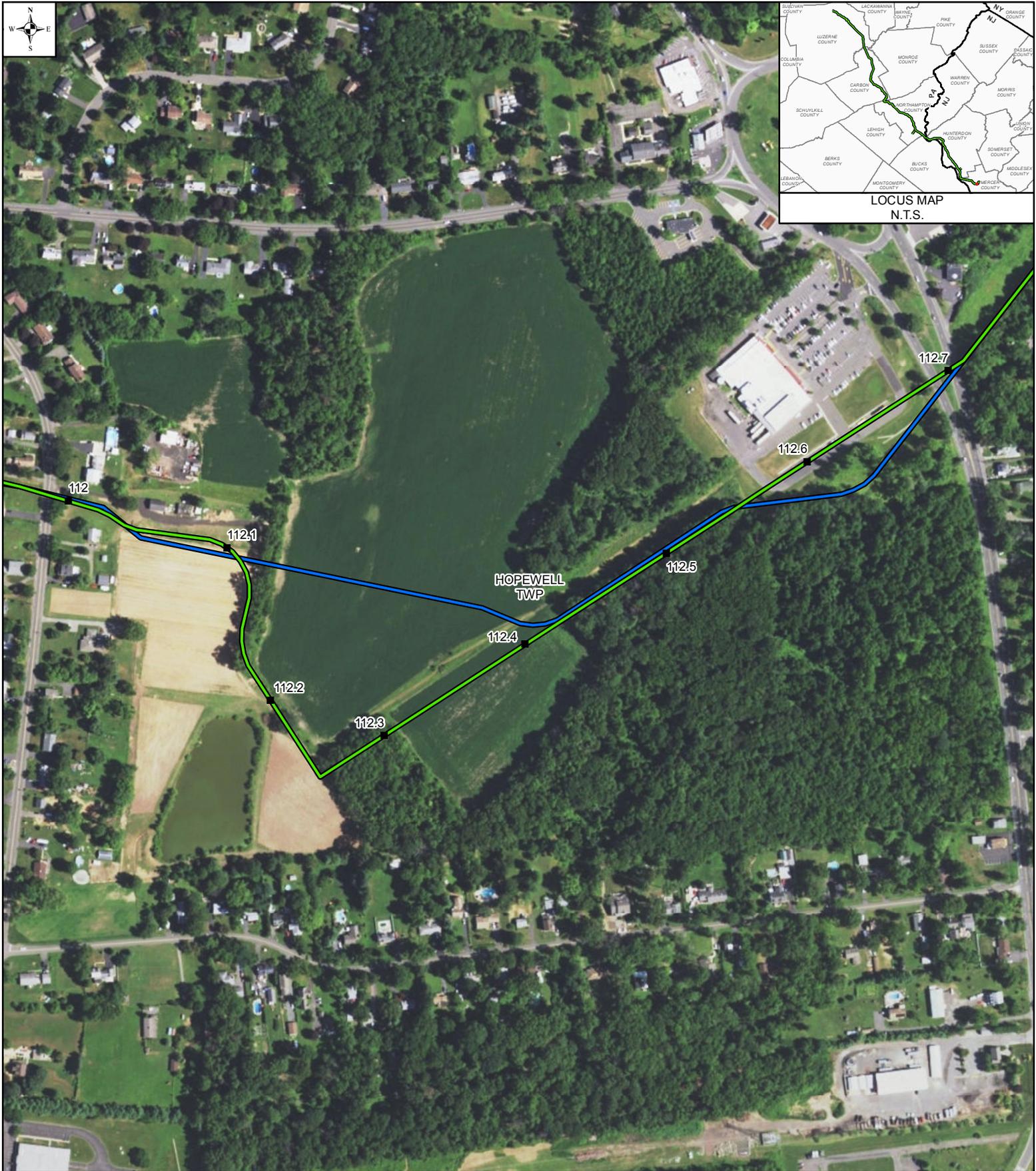
DWG NO: P-2100

ROUTE VARIATION IMPACT TABLE
PennEast Pipeline Project
Mainline Segment (New Jersey)
Deviation 2100

Attribute	Units	Prior Alternative		Proposed Route	
Location Begin End	Mile Post	N/A		112.9 – 113.5	
Length	Ft	3,734		4,079	
Area	Acres *	10.70		11.68	
Land requirements: Construction Permanent	Acres *	6.42 4.28		7.00 4.68	
Colocation: Power Line ROW Pipeline ROW Road / Railroad ROW Total colocation	Ft	0 537 0 537		0 1,450 0 1,450	
Wetlands affected: Scrub-shrub wetlands Emergent wetlands Forested wetlands Total wetlands	Acres/Acres **	Construction 0.0 0.65 0.00 0.65	Permanent 0.0 0.32 0.0 0.32	Construction 0.0 0.47 0.0 0.47	Permanent 0.0 0.23 0.0 0.23
Waterbodies / Streams crossed	#	1		1	
C1 Waterbodies / Streams crossed	#	0		0	
Cultural resources sites	Number	Surveyed / 0 sites		N/A ***	
Land Use Impacts: # Cultivated Forested Open Residential/Commercial Open Water Total	Acres *	Construction 3.03 2.02 0.00 0.18 0.00 5.41	Permanent 2.26 1.36 0.00 0.00 0.00 3.62	Construction 5.17 0.63 0.00 0.08 0.00 5.88	Permanent 3.55 0.33 0.00 0.00 0.00 3.88
Public / Preserved Land: State Parks (Green Acres)	# Ft Acres	Construction 1 78 0.14	Permanent 1 78 0.08	Construction 0 0 0	Permanent 0 0 0
Special Interest Land Use (Conservation Areas, Preservation Areas, Ag Security, etc.)	# Ft Acres	0 0 0	0 0 0	0 0 0	0 0 0
Structures within 50 ft of construction work area Residences Commercial Other (Barn, Shed, etc.)	Number	2 0 0		2 0 0	
Parcels Crossed	Number	10		8	
* Based on standard 125 Ft ROW width for worst case impacts.					
** Based on 75 Ft wide necked down ROW through wetlands and utilizing NJDEP Land Use/Land Cover 2012 wetlands.					
*** Cultural resource surveys will be conducted if route variation is agreed to be preferred.					
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LOCUS MAP
N.T.S.



LEGEND

- MILEPOST
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- PRIOR ALTERNATIVE - DECEMBER 2015
- MUNICIPALITY BOUNDARY

**PENNEAST
ROUTE DEVIATION # 2102**

MERCER COUNTY, NEW JERSEY

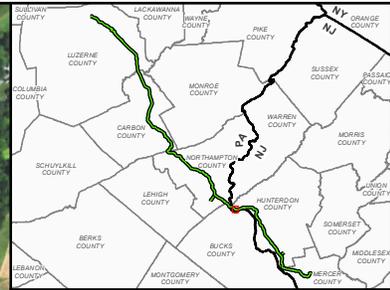


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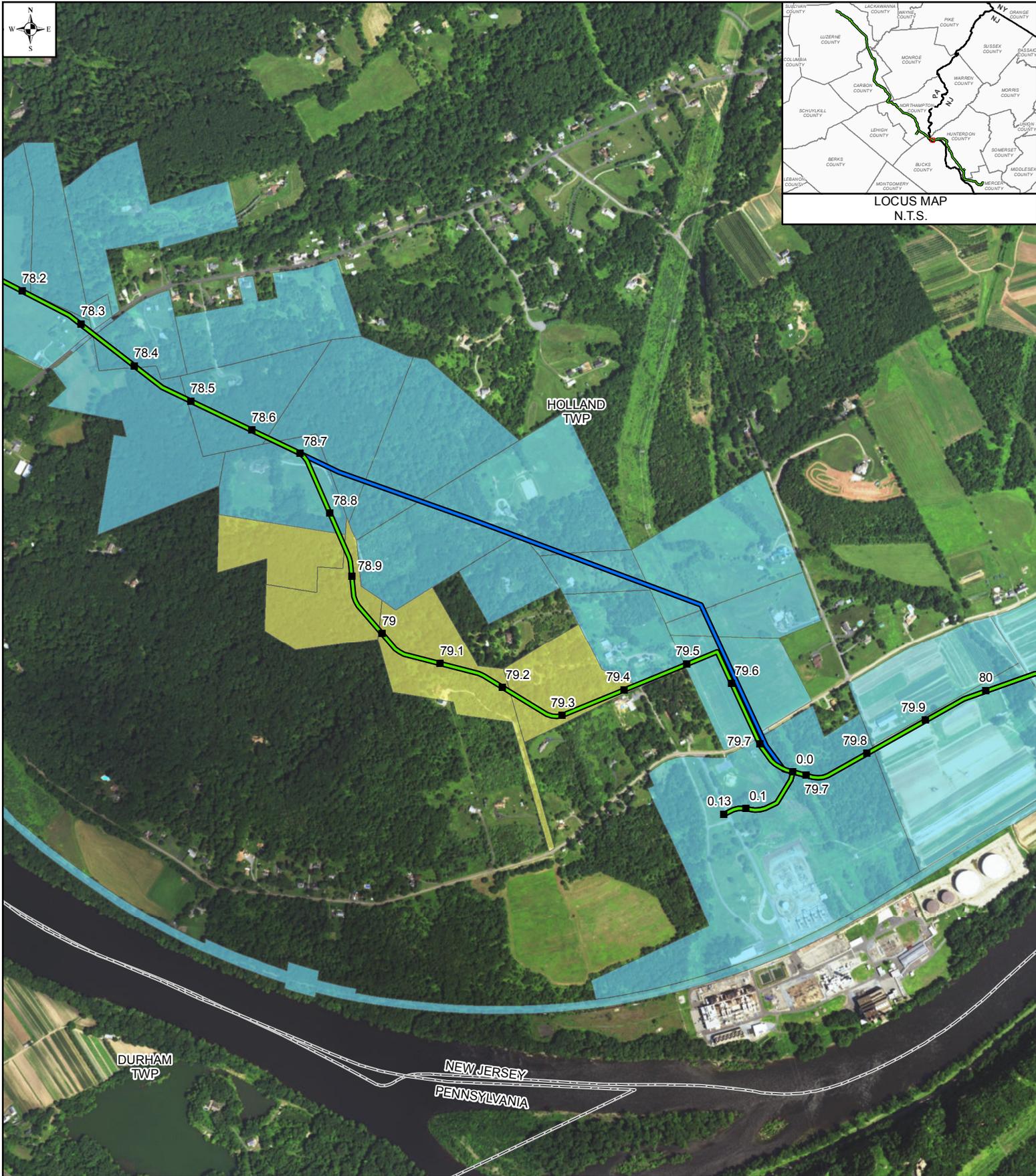
DWG NO: P-2102

ROUTE VARIATION IMPACT TABLE
PennEast Pipeline Project
Mainline Segment (New Jersey)
Deviation 2102

Attribute	Units	Prior Alternative		Proposed Route	
Location Begin End	Mile Post	N/A		112.0 – 112.7	
Length	Ft	2,980		3,555	
Area	Acres *	8.55		10.18	
Land requirements: Construction Permanent	Acres *	5.13 3.42		6.10 4.08	
Colocation: Power Line ROW Pipeline ROW Road / Railroad ROW Total colocation	Ft	0 884 0 884		0 2,413 0 2,413	
Wetlands affected: Scrub-shrub wetlands Emergent wetlands Forested wetlands Total wetlands	Acres/Acres **	Construction 0.0 0.03 0.35 0.38	Permanent 0.0 0.08 0.10 0.18	Construction 0.0 0.0 0.36 0.36	Permanent 0.0 0.02 0.08 0.10
Waterbodies / Streams crossed	#	0		0	
C1 Waterbodies / Streams crossed	#	0		0	
Cultural resources sites	Number	Surveyed / 0 sites		N/A ***	
Land Use Impacts: # Cultivated Forested Open Residential/Commercial Open Water Total	Acres *	Construction 2.37 0.85 0.00 0.80 0.00 4.02	Permanent 1.63 0.50 0.00 0.58 0.00 2.71	Construction 2.94 1.03 0.00 1.28 0.00 5.25	Permanent 2.03 0.68 0.00 0.89 0.00 2.71
Public / Preserved Land: State Parks (Green Acres)	# Ft Acres	Construction 0 0 0	Permanent 0 0 0	Construction 0 0 0	Permanent 0 0 0
Special Interest Land Use (Conservation Areas, Preservation Areas, Ag Security, etc.)	# Ft Acres	0 0 0	0 0 0	0 0 0	0 0 0
Structures within 50 ft of construction work area Residences Commercial Other (Barn, Shed, etc.)	Number	1 0 4		0 0 3	
Parcels Crossed	Number	5		5	
* Based on standard 125 Ft ROW width for worst case impacts.					
** Based on 75 Ft wide necked down ROW through wetlands and utilizing NJDEP Land Use/Land Cover 2012 wetlands.					
*** Cultural resource surveys will be conducted if route variation is agreed to be preferred.					
# Land Use Impacts are derived from NJDEP Land Use/Land Cover 2012 dataset.					



LOCUS MAP
N.T.S.



LEGEND

- MILEPOST
- PROPOSED ROUTE
- PRIOR ALTERNATIVE - DECEMBER 2015
- ▭ MUNICIPALITY BOUNDARY
- ▭ PARCEL - CURRENTLY IMPACTED
- ▭ PARCEL - PREVIOUSLY NOTIFIED

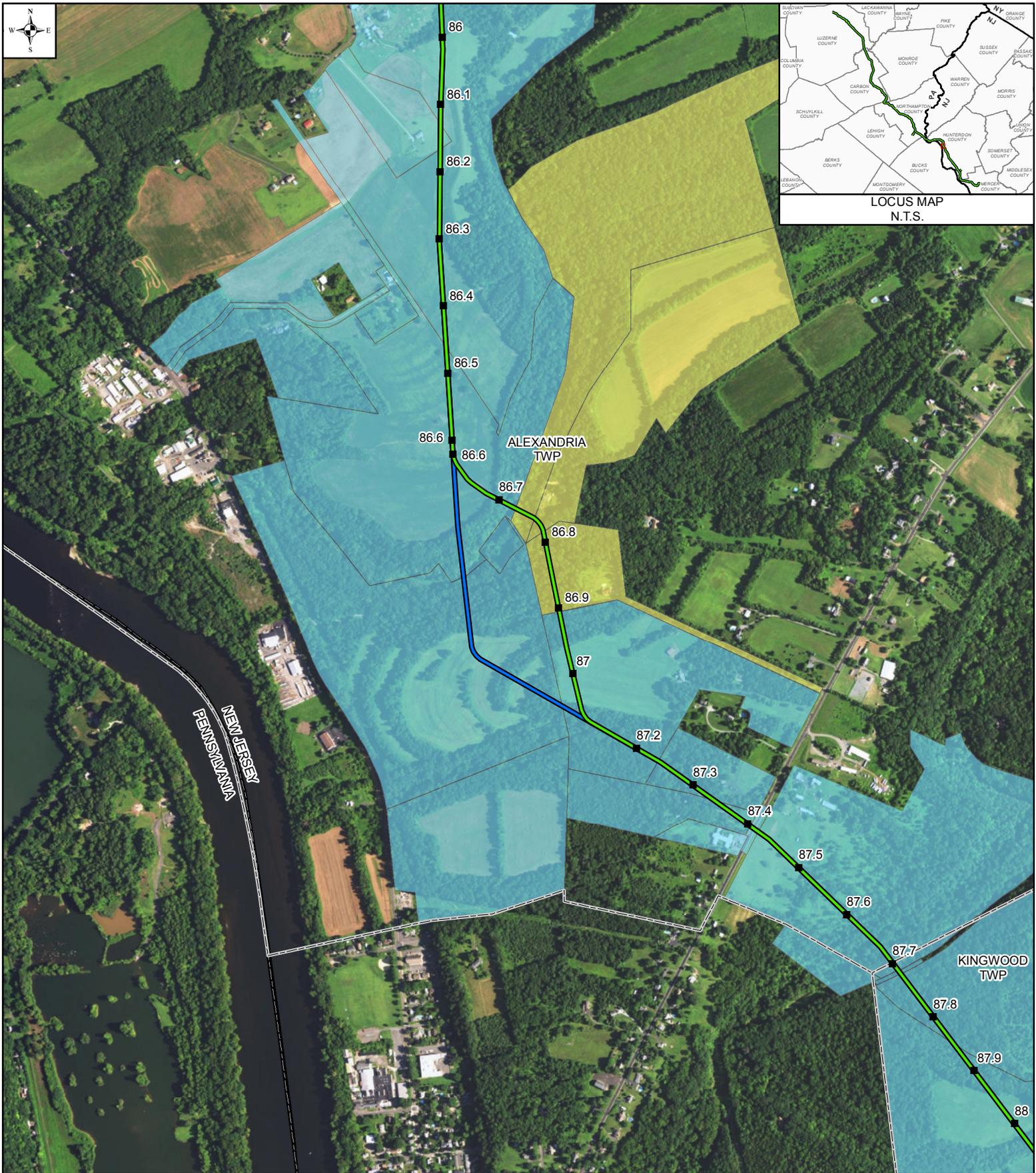
MAPS COMPILED UTILIZING ESRI BASEMAP AERIAL IMAGERY

**PENNEAST
ROUTE DEVIATION # 1704
LANDOWNER ANALYSIS
HUNTERDON COUNTY, NEW JERSEY**

DRAWN BY:	HMM	APPROVED BY:	HMM	SCALE: 1 INCH = 1,000 FEET
CHECKED BY:	HMM	REV. DATE:	2/17/2016	REV.: 2

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FEET

DWG NO: LA-1704



LEGEND

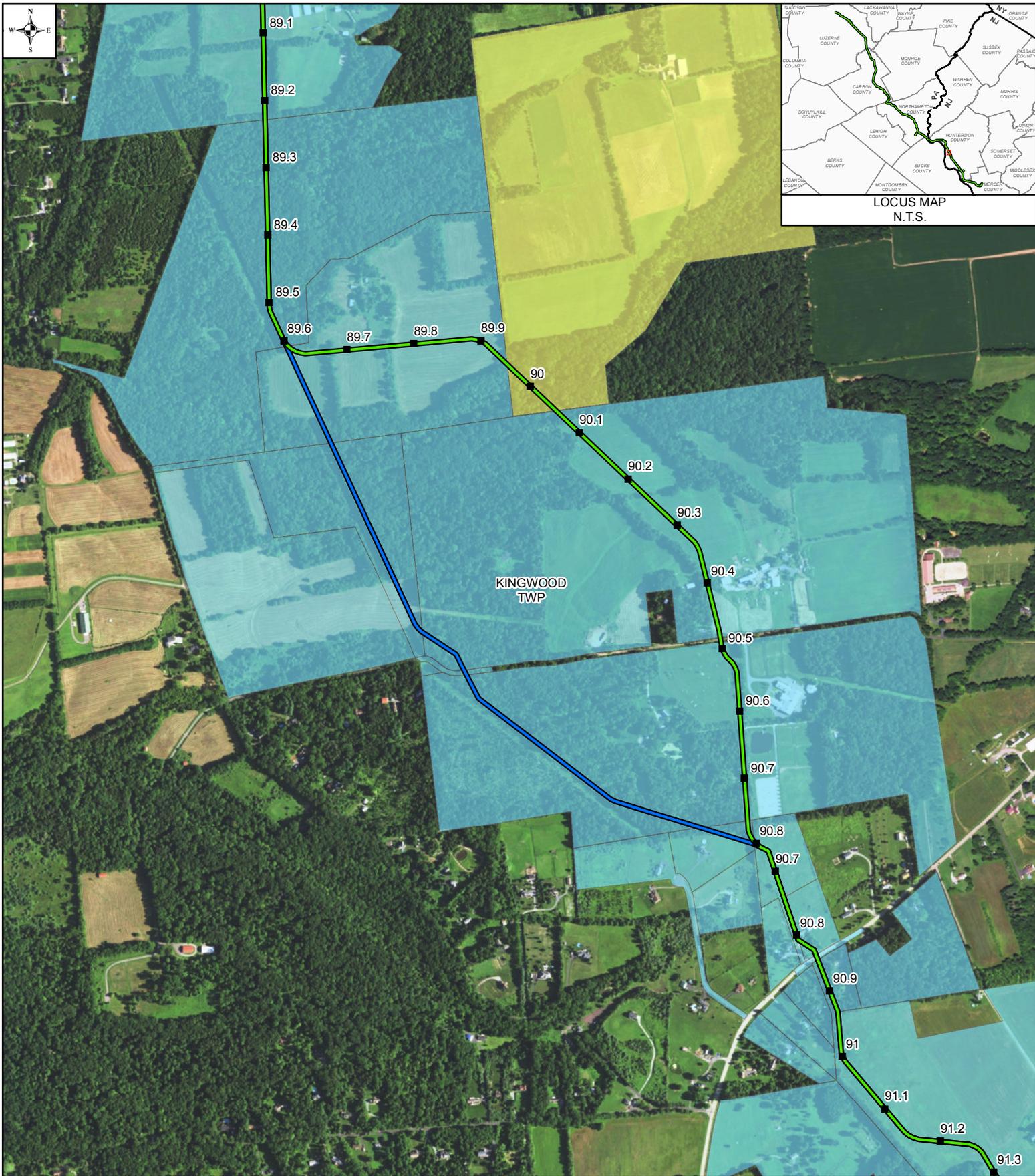
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- PRIOR ALTERNATIVE - DECEMBER 2016
- MUNICIPALITY BOUNDARY
- STATE BOUNDARY
- PARCEL - CURRENTLY IMPACTED
- PARCEL - PREVIOUSLY NOTIFIED

MAPS COMPILED UTILIZING ESRI BASEMAP AERIAL IMAGERY

PENNEAST ROUTE DEVIATION # 1808 LANDOWNER ANALYSIS HUNTERDON COUNTY, NEW JERSEY					
DRAWN BY:	HMM	APPROVED BY:	HMM	SCALE: 1 INCH = 1,000 FEET	
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DWG NO: LA-1808



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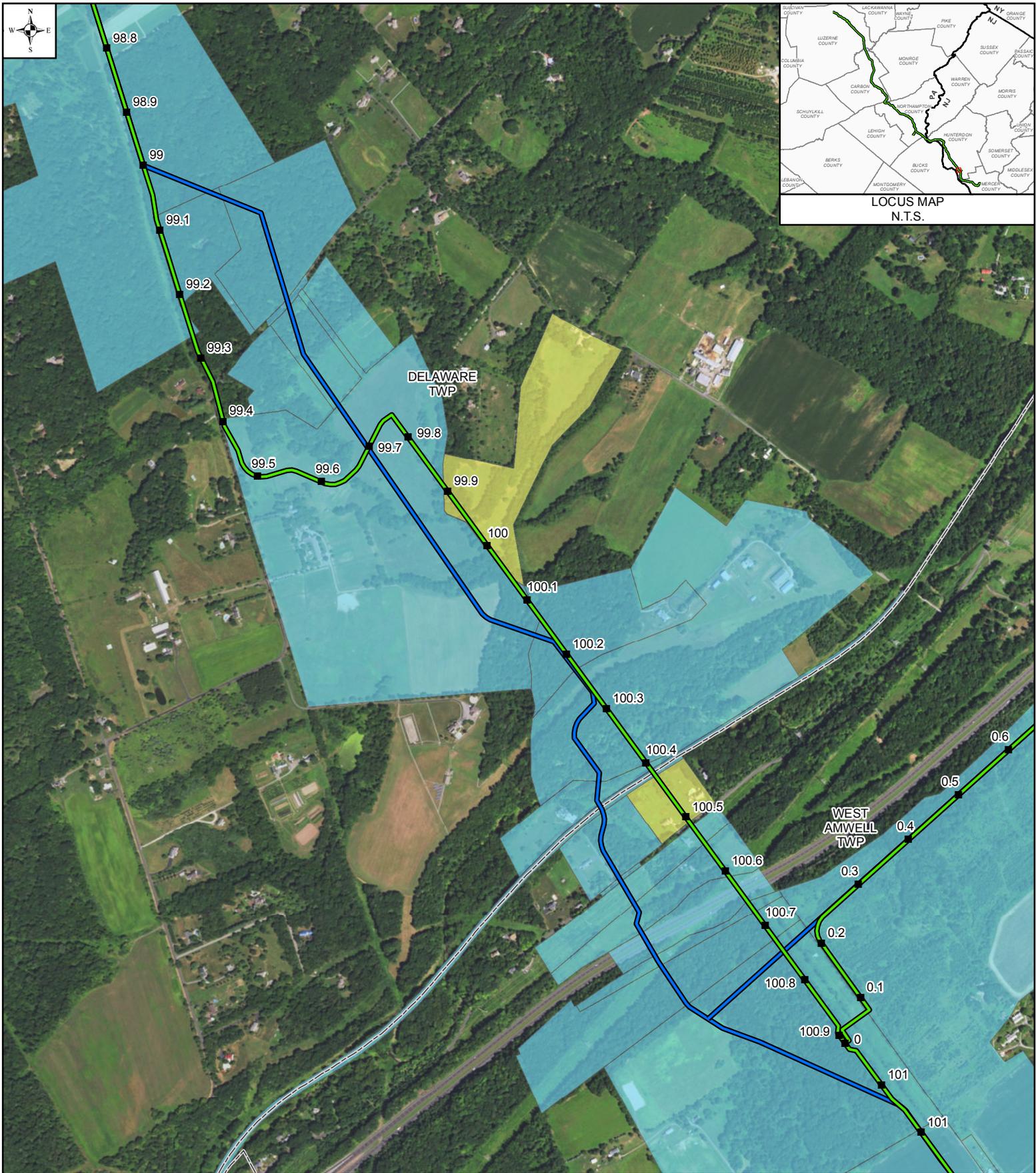
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- PROPOSED ROUTE
- PRIOR ALTERNATIVE - DECEMBER 2015
- MUNICIPALITY BOUNDARY
- PARCEL - CURRENTLY IMPACTED
- PARCEL - PREVIOUSLY NOTIFIED

MAPS COMPILED UTILIZING ESRI BASEMAP AERIAL IMAGERY

PENNEAST ROUTE DEVIATION # 1907 LANDOWNER ANALYSIS HUNTERDON COUNTY, NEW JERSEY					
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DWG NO:	LA-1907
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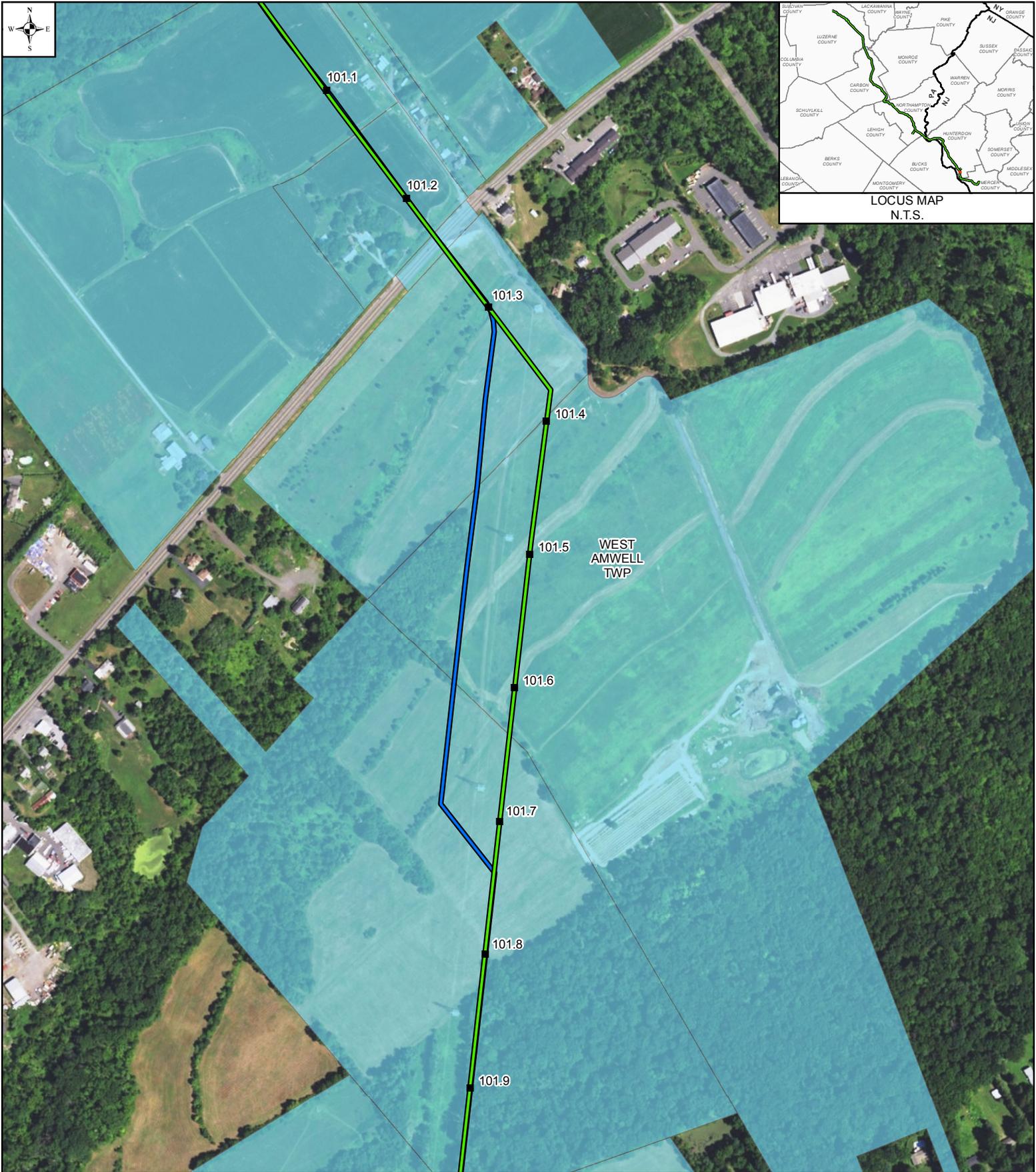
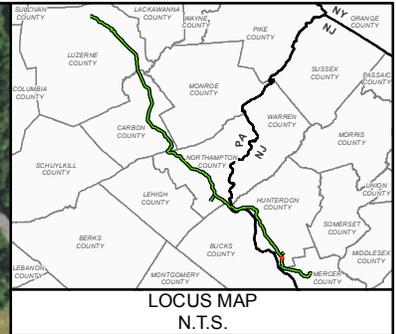
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- PROPOSED ROUTE
- PRIOR ALTERNATIVE - DECEMBER 2015
- - - MUNICIPALITY BOUNDARY
- PARCEL - CURRENTLY IMPACTED
- PARCEL - PREVIOUSLY NOTIFIED

MAPS COMPILED UTILIZING ESRI BASEMAP AERIAL IMAGERY

PENNEAST ROUTE DEVIATION # 1913 LANDOWNER ANALYSIS HUNTERDON COUNTY, NEW JERSEY					
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CHECKED BY:	HMM	REV. DATE:	2/17/2016	REV.:	3

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DWG NO: LA-1913



LEGEND

- MILEPOST
- PARCEL - CURRENTLY IMPACTED
- PROPOSED ROUTE
- PRIOR ALTERNATIVE - DECEMBER 2015
- MUNICIPALITY BOUNDARY

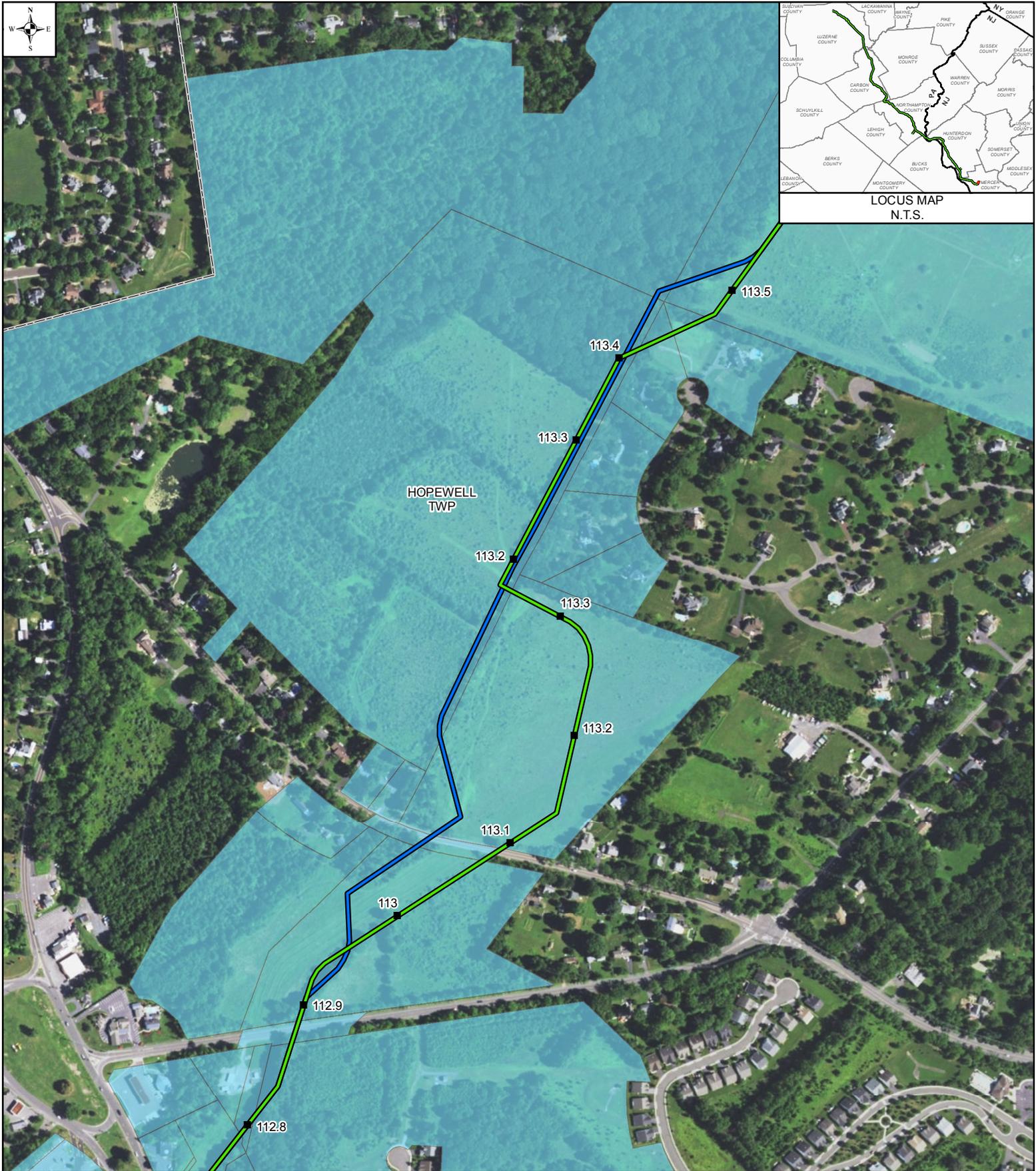
MAPS COMPILED UTILIZING ESRI BASEMAP AERIAL IMAGERY

**PENNEAST
ROUTE DEVIATION # 2000
LANDOWNER ANALYSIS
HUNTERDON COUNTY, NEW JERSEY**

DRAWN BY:	HMM	APPROVED BY:	HMM	SCALE: 1 INCH = 500 FEET
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DWG NO: LA-2000



LEGEND

- MILEPOST
- PARCEL - CURRENTLY IMPACTED
- PROPOSED ROUTE
- PRIOR ALTERNATIVE - DECEMBER 2015
- MUNICIPALITY BOUNDARY

MAPS COMPILED UTILIZING ESRI BASEMAP AERIAL IMAGERY

**PENNEAST
ROUTE DEVIATION # 2100
LANDOWNER ANALYSIS
MERCER COUNTY, NEW JERSEY**

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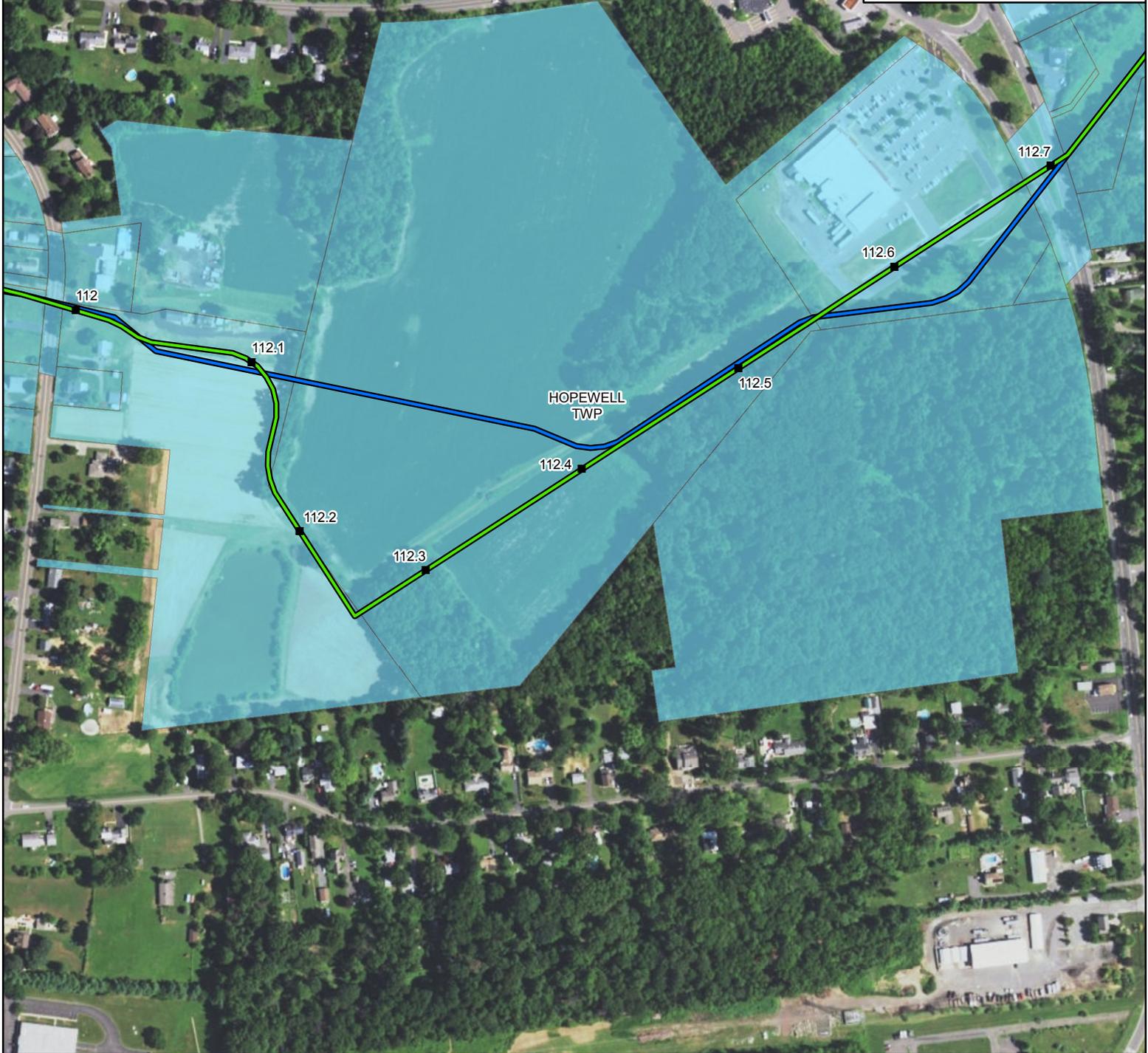
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PennEast
PIPELINE

DWG NO: LA-2100



LOCUS MAP
N.T.S.



LEGEND

- MILEPOST
- PARCEL - CURRENTLY IMPACTED
- PROPOSED ROUTE
- PRIOR ALTERNATIVE - DECEMBER 2015
- MUNICIPALITY BOUNDARY

MAPS COMPILED UTILIZING ESRI BASEMAP AERIAL IMAGERY

**PENNEAST
ROUTE DEVIATION # 2102
LANDOWNER ANALYSIS
MERCER COUNTY, NEW JERSEY**

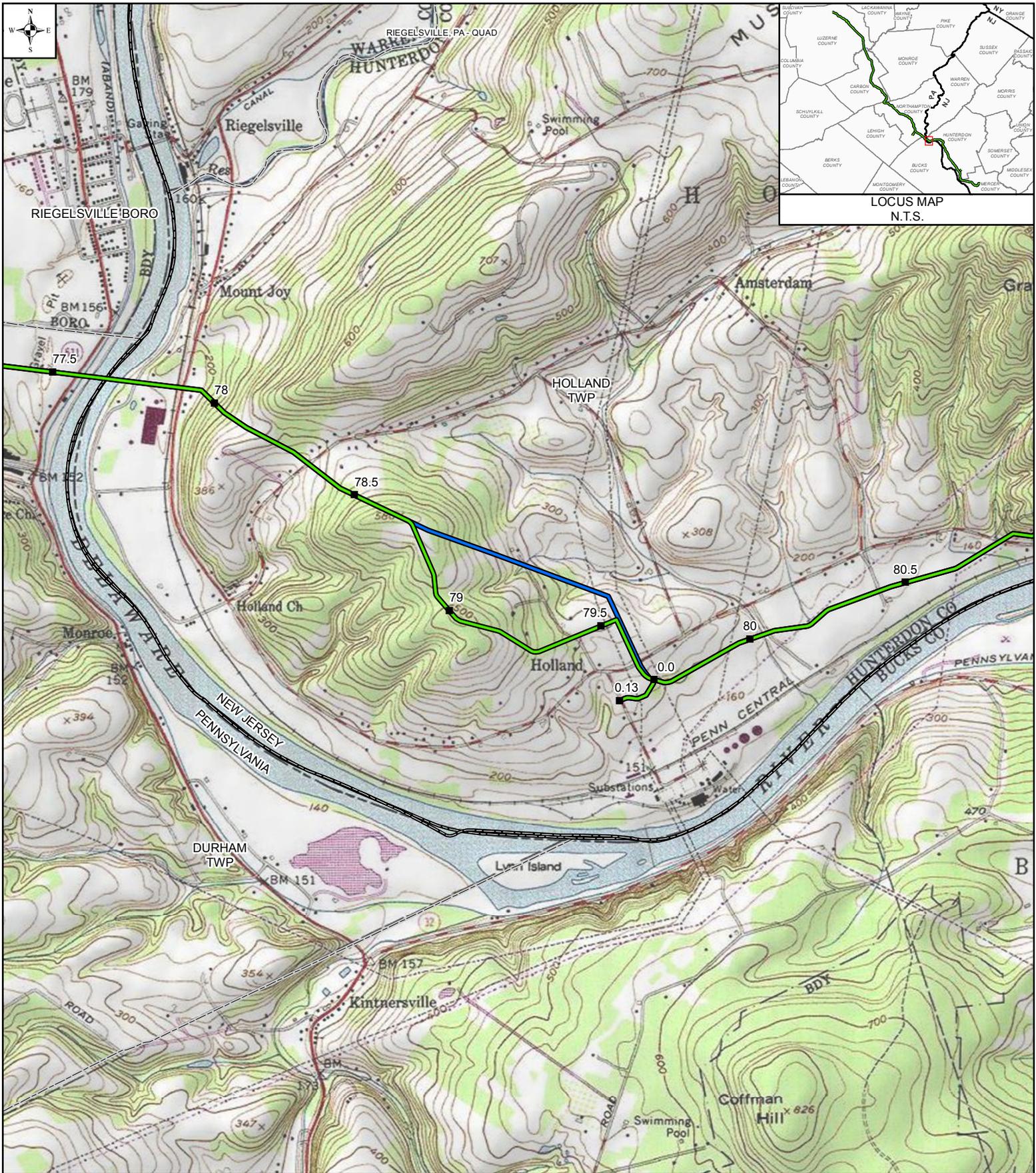
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PennEast
PIPELINE

DWG NO: LA-2102



LEGEND

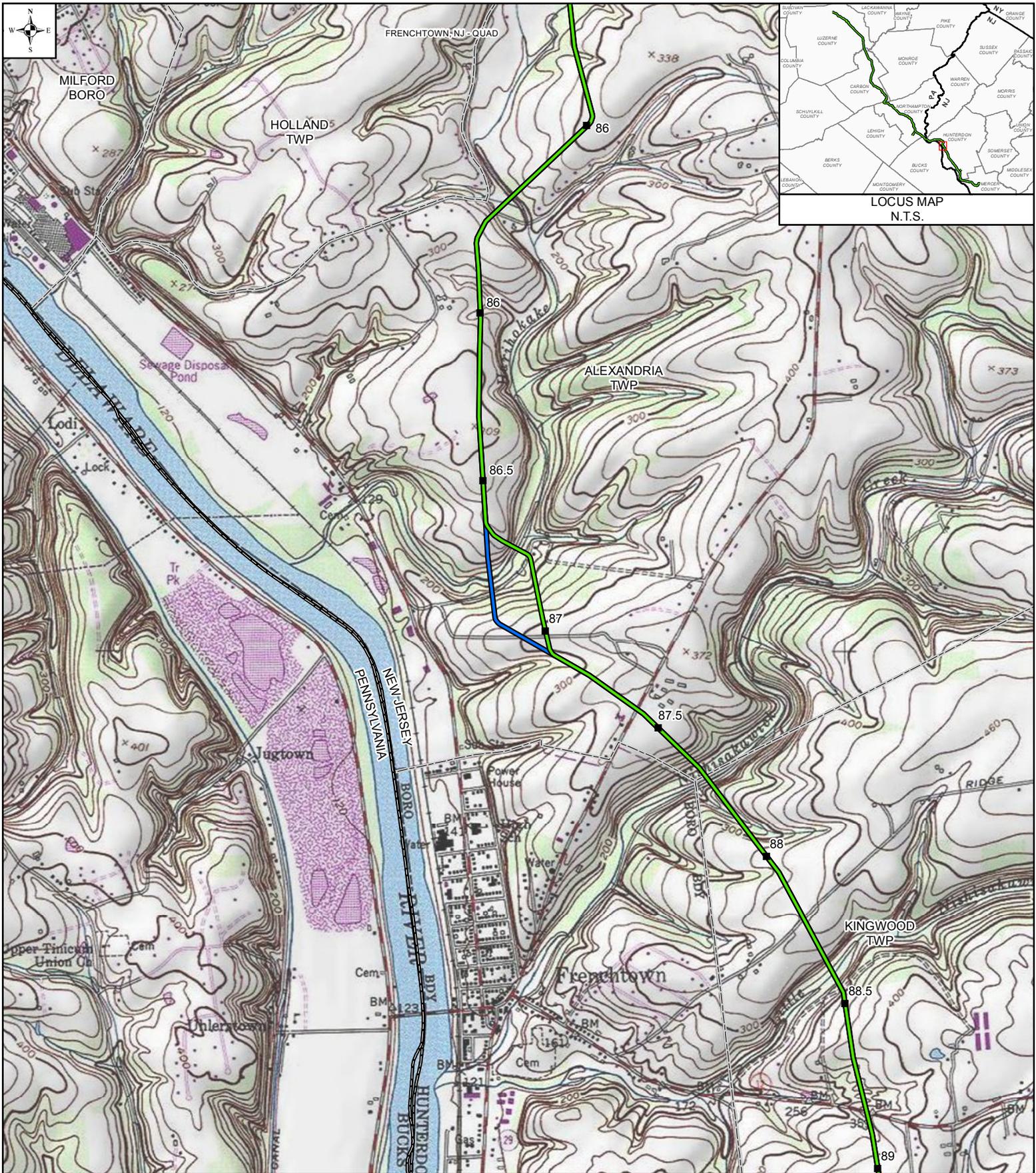
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- USGS QUADRANGLE BOUNDARY
- PROPOSED ROUTE
- PRIOR ALTERNATIVE - DECEMBER 2015
- MUNICIPALITY BOUNDARY
- STATE BOUNDARY

MAPS COMPILED UTILIZING ESRI BASEMAP AERIAL IMAGERY

PENNEAST					
ROUTE DEVIATION # 1704					
HUNTERDON COUNTY, NEW JERSEY					
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CHECKED BY:	HMM	REV. DATE:	2/17/2016	REV.:	2

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FEET

DWG NO:	P-1704
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LEGEND

- MILEPOST
- ▭ USGS QUADRANGLE BOUNDARY
- PROPOSED ROUTE
- PRIOR ALTERNATIVE - DECEMBER 2015
- MUNICIPALITY BOUNDARY
- STATE BOUNDARY

MAPS COMPILED UTILIZING ESRI BASEMAP AERIAL IMAGERY

**PENNEAST
ROUTE DEVIATION # 1808**

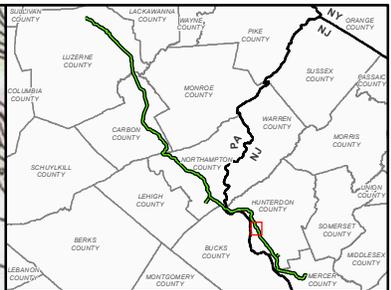
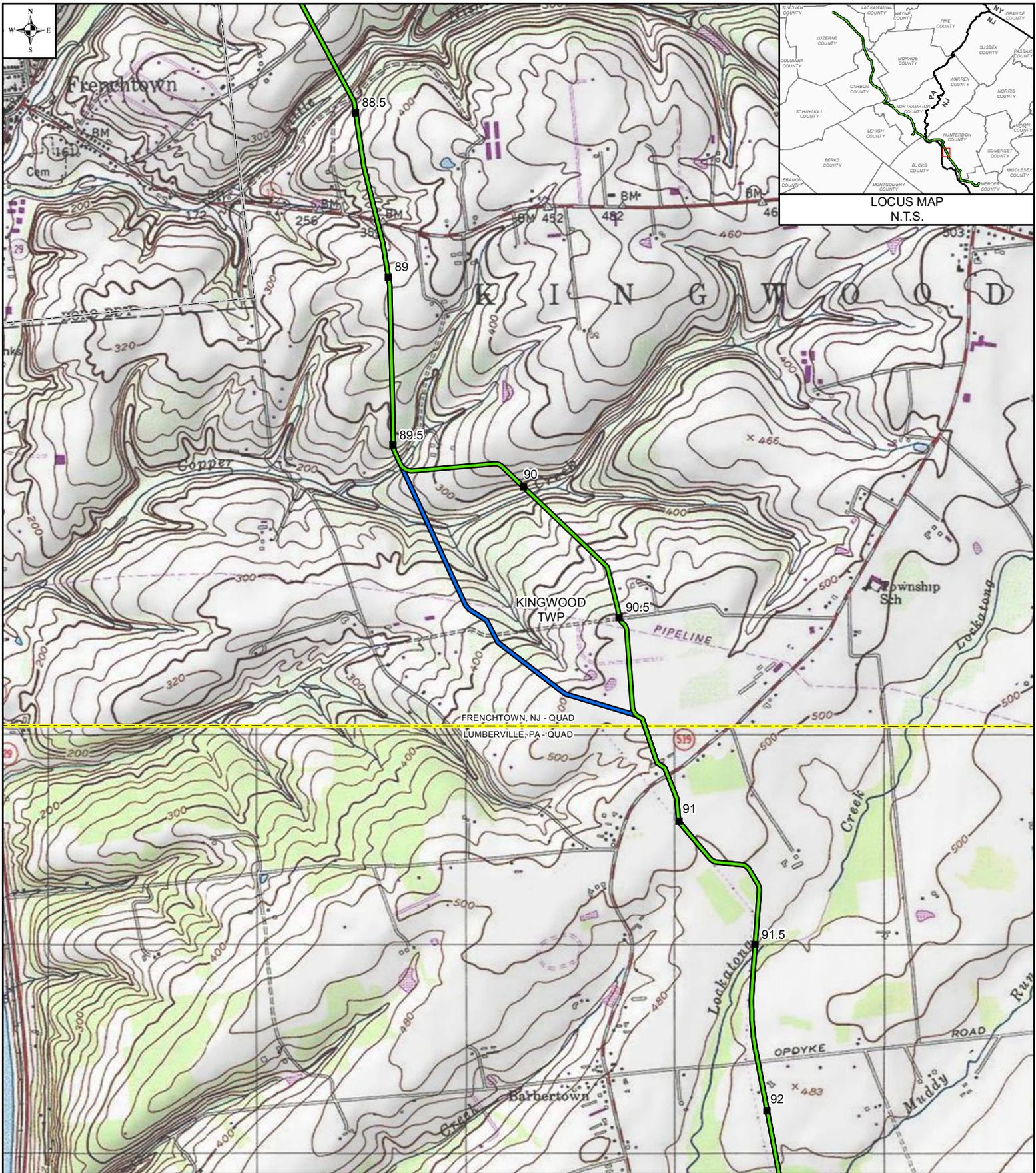
HUNTERDON COUNTY, NEW JERSEY

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PennEast
PIPELINE

DWG NO: P-1808



LOCUS MAP
N.T.S.

LEGEND

- MILEPOST
- ▭ USGS QUADRANGLE BOUNDARY
- PROPOSED ROUTE
- PRIOR ALTERNATIVE - DECEMBER 2015
- MUNICIPALITY BOUNDARY

MAPS COMPILED UTILIZING ESRI BASEMAP AERIAL IMAGERY

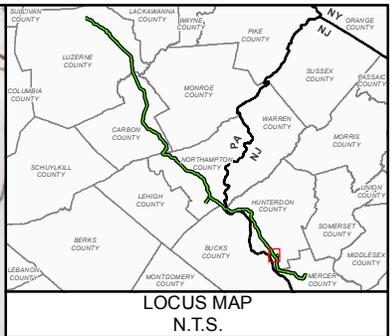
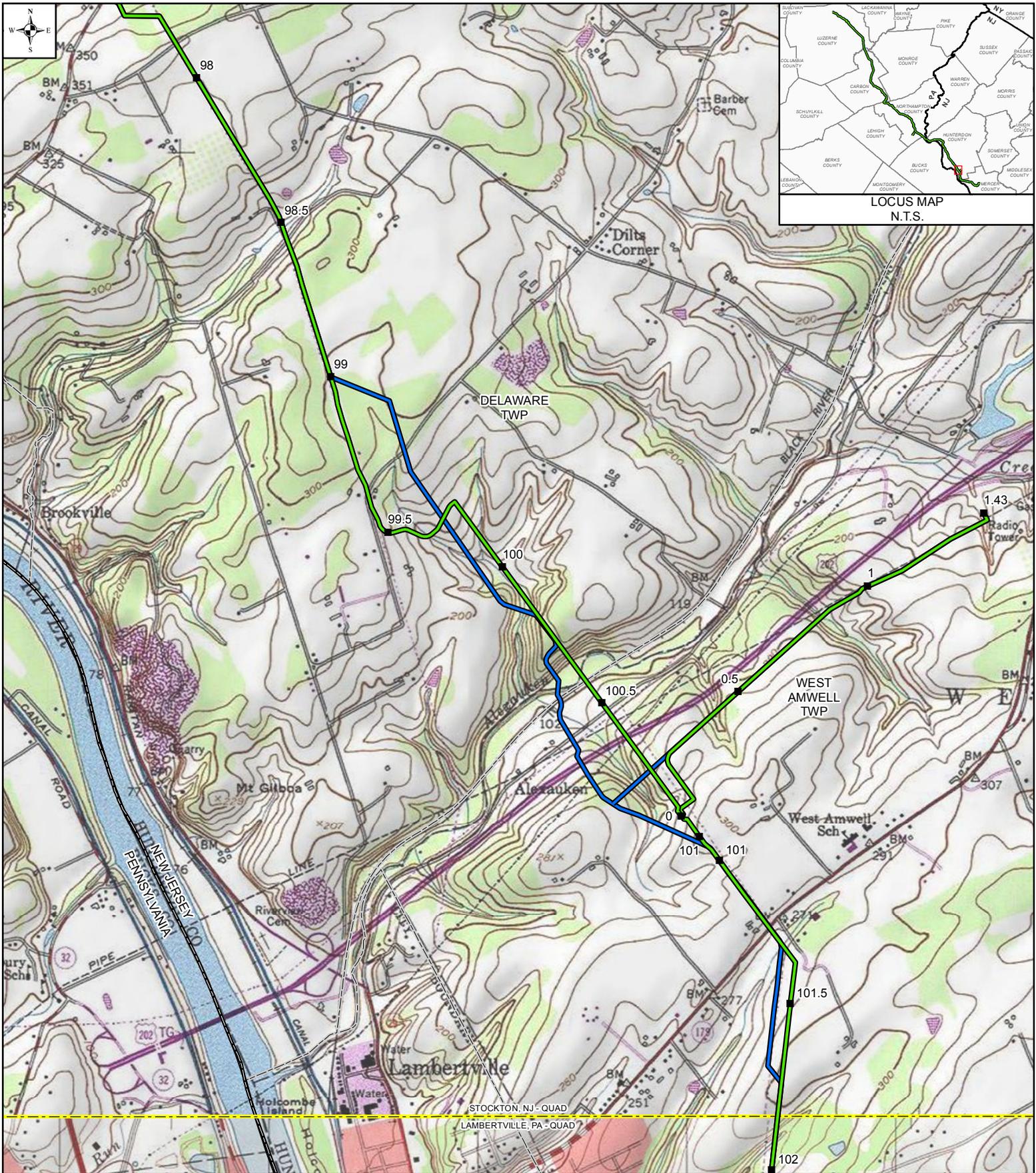
**PENNEAST
ROUTE DEVIATION # 1907**

HUNTERDON COUNTY, NEW JERSEY

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DWG NO: P-1907



LEGEND

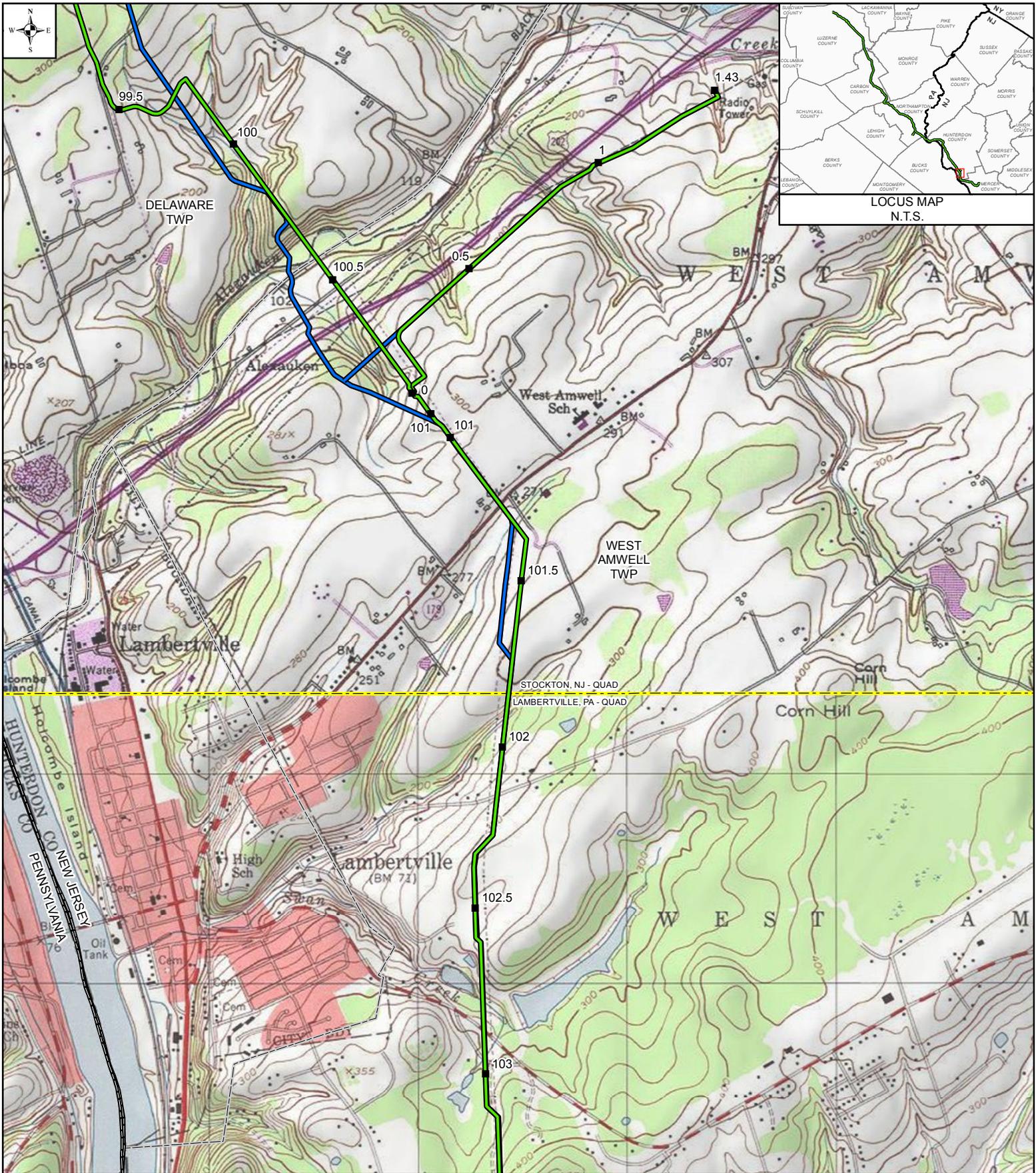
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- MUNICIPALITY BOUNDARY
- STATE BOUNDARY
- USGS QUADRANGLE BOUNDARY

MAPS COMPILED UTILIZING ESRI BASEMAP AERIAL IMAGERY

PENNEAST					
ROUTE DEVIATION # 1913					
HUNTERDON COUNTY, NEW JERSEY					
DRAWN BY:	HMM	APPROVED BY:	HMM	SCALE: 1 INCH = 2,000 FEET	
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DWG NO: P-1913



LEGEND

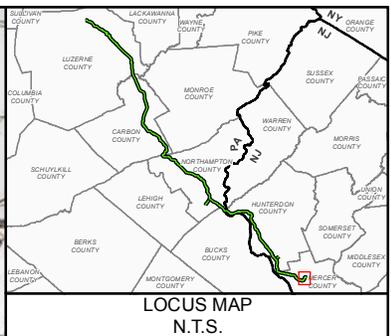
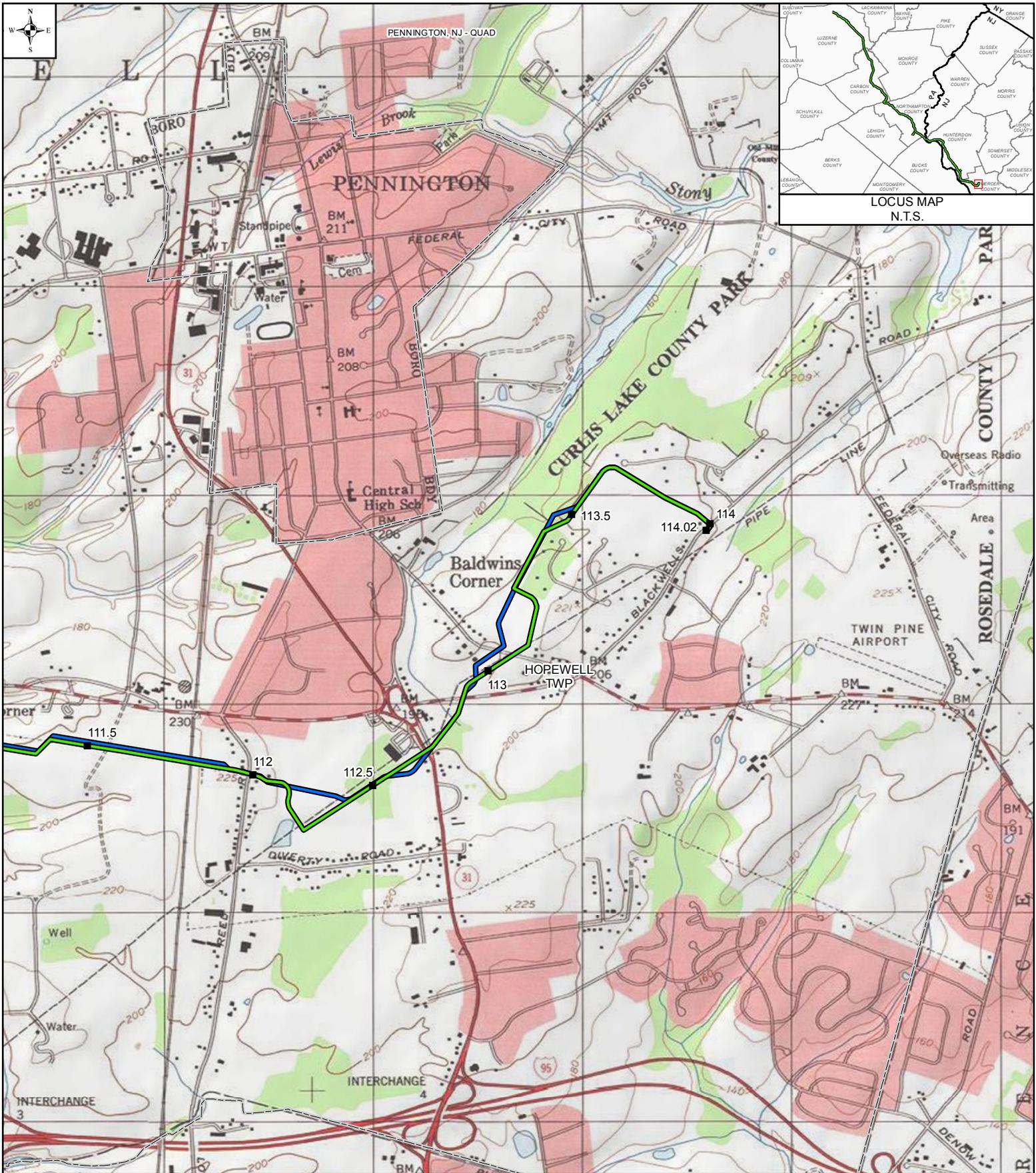
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- MUNICIPALITY BOUNDARY
- STATE BOUNDARY
- USGS QUADRANGLE BOUNDARY

MAPS COMPILED UTILIZING ESRI BASEMAP AERIAL IMAGERY

PENNEAST					
ROUTE DEVIATION # 2000					
HUNTERDON COUNTY, NEW JERSEY					
DRAWN BY:	HMM	APPROVED BY:	HMM	SCALE: 1 INCH = 2,000 FEET	
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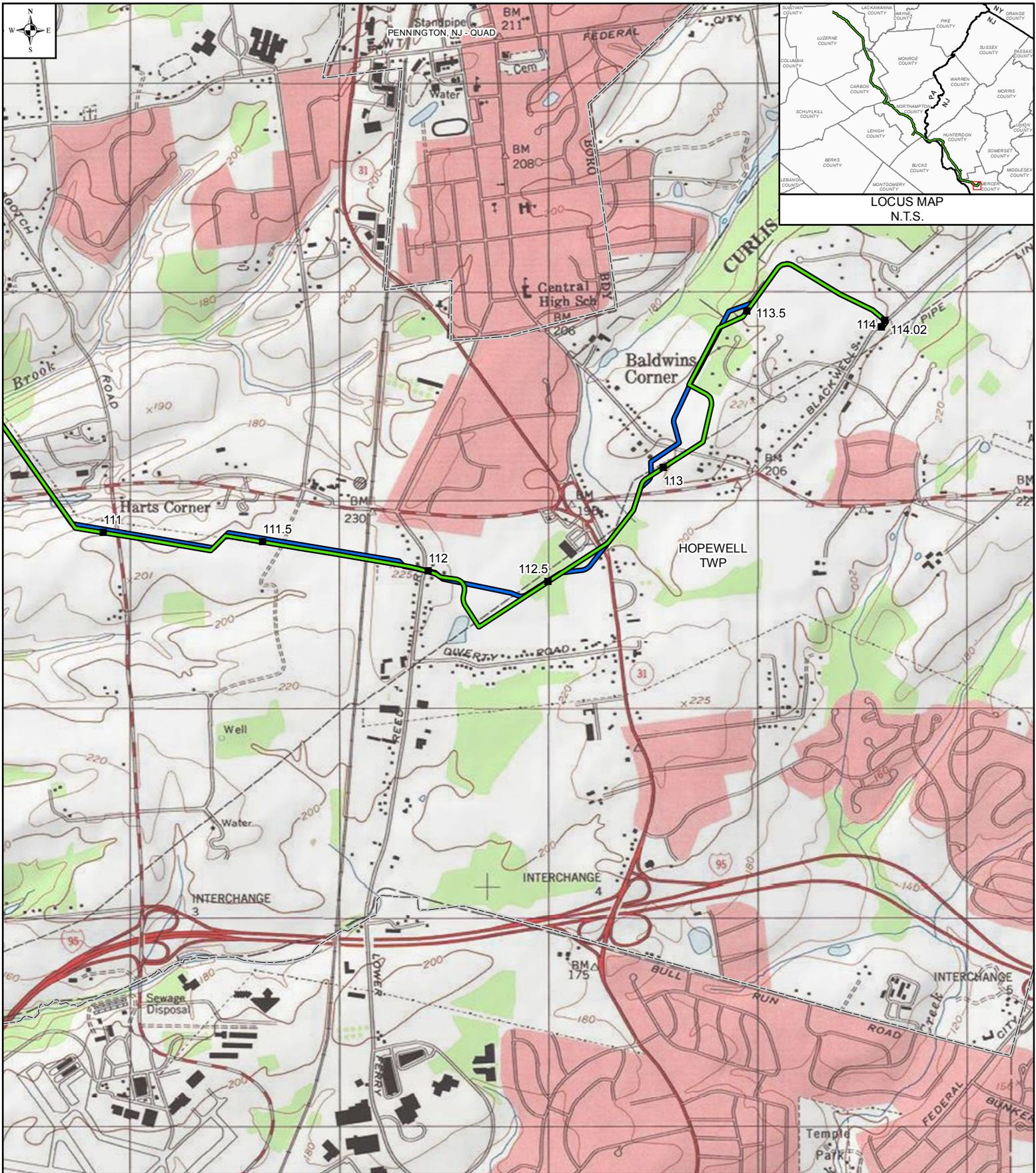
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- PROPOSED ROUTE
- PRIOR ALTERNATIVE - DECEMBER 2015
- MUNICIPALITY BOUNDARY

MAPS COMPILED UTILIZING ESRI BASEMAP AERIAL IMAGERY

PENNEAST					
ROUTE DEVIATION # 2100					
MERCER COUNTY, NEW JERSEY					
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DWG NO: P-2100



LEGEND

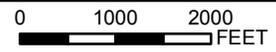
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—	PROPOSED ROUTE		
—	PRIOR ALTERNATIVE - DECEMBER 2015		
- - -	MUNICIPALITY BOUNDARY		

MAPS COMPILED UTILIZING ESRI BASEMAP AERIAL IMAGERY

**PENNEAST
ROUTE DEVIATION # 2102**

MERCER COUNTY, NEW JERSEY

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DWG NO: P-2102