

A Rail Investment Plan for  
the Northeast Corridor

TIER 1  
DRAFT  
ENVIRONMENTAL  
IMPACT  
STATEMENT

Appendix A,  
Mapping Atlas

NOVEMBER 2015



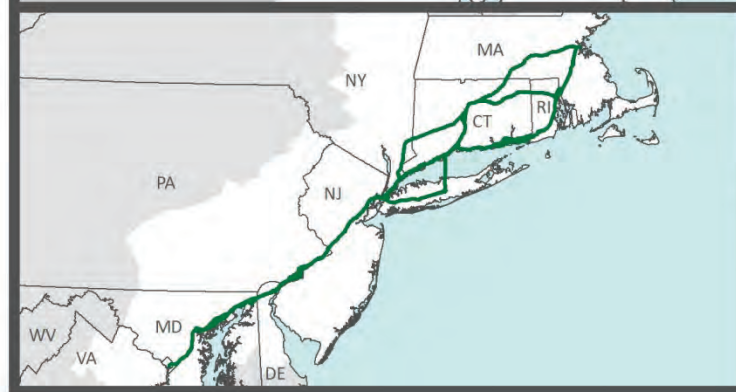
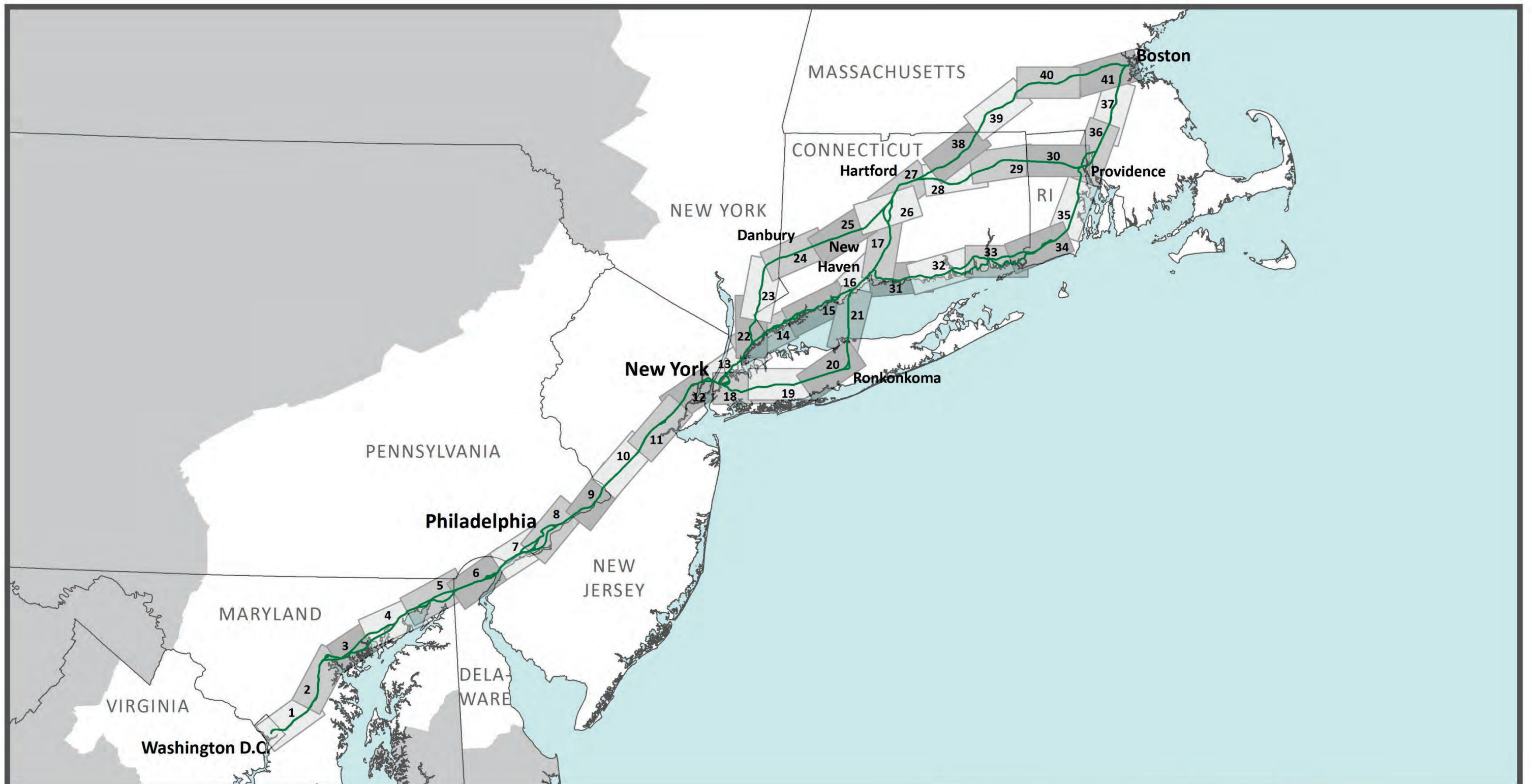




TIER 1 DRAFT ENVIRONMENTAL IMPACT STATEMENT  
APPENDIX A, MAPPING ATLAS


# Part 1 Environmental Resource Mapping Atlas



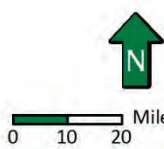


- Tier 1 EIS Alternative
- Map Sheet
- NEC FUTURE Study Area
- State Boundary

Source of Data: NEC FUTURE, 2014



U.S. Department of Transportation  
Federal Railroad Administration



0 10 20 Miles
































**NEC  
FUTURE**








**STUDY AREA MAP INDEX**  
**ALTERNATIVES 1, 2, 3**

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## Map Legend

	Major Hub Station		Milepost: Existing NEC
	Commuter Rail		
	Existing NEC (Present in all Action Alternatives)		
<b>New Segment</b>			
	Alternative 1		Alternative 2
<b>Alternative 3</b>			
	Washington, D.C. to New York City		
	New York City to Hartford via Central Connecticut		
	New York City to Hartford via Long Island		
	Hartford to Boston via Providence		
	Hartford to Boston via Worcester		
	Alternative 3: Modifications to Existing NEC		
	Geologic Resource		
	Hazardous Waste and Contaminated Material (H-P)		
	Cultural Resource (and total)		
	Stream		
	Wetland		
	Floodplain		
	Terrestrial ESH		
	Aquatic ESH		
	Parks and Recreation		
	Water		
	EJ - Minority and Low Income		
	EJ - Minority		
	EJ - Low Income		
	Airport (Large/Medium Hub)		
	Map Inset		
	State Boundary		County Boundary


## Symbol Key

Symbol	Chapter	Resource
None	7.2	Land Cover
None	7.3	Agricultural Lands (Prime Farmland and Timberlands)
	7.4	Parklands and Wild and Scenic Rivers
	7.5	Hydrologic/Water Resources
	7.6	Ecological Resources
	7.7	Geologic Resources
	7.8	Hazardous Waste and Contaminated Material
	7.9	Cultural Resources and Historic Properties
None	7.10	Visual and Aesthetic Resources
	7.11	Environmental Justice
None	7.12	Noise and Vibration
None	7.13	Air Quality
None	7.14	Energy
None	7.15	Climate Change and Adaptation
None	7.16	Section 4(f) and Section 6(f) Resources
None	7.17	Electromagnetic Fields and Electromagnetic Interference
None	7.18	Safety
None	7.19	Public Health
None	7.20	Cumulative Effects Assessment
None	7.21	Commitment of Resources

## Abbreviations

EJ: Environmental Justice Population  
 ESH: Environmentally Sensitive Habitats  
 H-P: High-Probability  
 NEC: Northeast Corridor  
 NHL: National Historic Landmark  
 NRHP: National Register of Historic Places

## Milepost Key

 230 Milepost markings and annotation are provided every five miles on the existing NEC beginning at MP 100

## General Notes

Action Alternatives presented in this Mapping Atlas are as described in Chapter 4, Alternatives Considered, of the Tier 1 Draft EIS. As a frame of reference, the existing Northeast Corridor (NEC) passenger rail line is represented as a single line and unique color. It is included within each of the Action Alternatives. New segments or curve modifications (for example, improvements that extend beyond the existing NEC) are represented as a single line with a unique color for each Action Alternative.

Insets maps are provided to highlight a particular resource referenced in the DEIS, or to show related data at larger scales. Bounding boxes are provided on Map Sheets.

Location reference annotation provided in *Italics* (e.g., *Prince George's County*).


The "Regional Coverage" column in the *Index of Map Sheets* (pages 4 through 8) highlight the Map Sheet that contains the best coverage of a particular county or counties.

Source of Resource Data: NEC FUTURE, 2014.

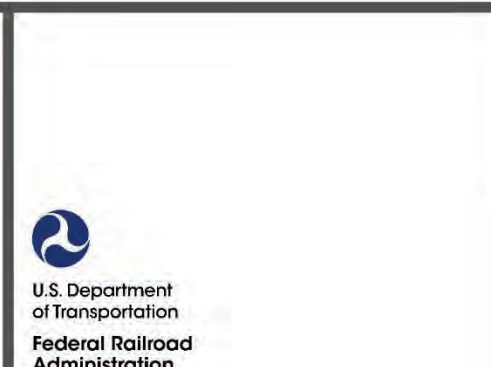
Airports are identified by their International Air Transport Association (IATA) 3-Letter Code.

Area outside 5-mile Context Area is muted intentionally.

## Symbol Notes

- *None*: Symbology not applied to Map Atlas. Representation in the Mapping Atlas is not relevant to the analysis of that resource presented in the EIS.
- *Chapter*: Location where resource is documented in Tier 1 Draft EIS.
- The location of the Cultural Resources and Historic Properties symbol () and accompanying "xx" represents the proximate location of the greatest concentration of, and total number of resources within the county they are located.
- Section 4(f) and Section 6(f) Resources are identified in Mapping Atlas as *Parklands and Wild and Scenic Rivers* and *Cultural Resources and Historic Properties*.

Date	Version Number	Revision
November 17, 2014	1.0	Initial version
February 06, 2015	1.1	Incorporates First Cut Changes
February 11, 2015	1.2	Update Alternative 3 Representation
February 23, 2015	1.3	Version 1 DEIS
May 22, 2015	2.0	Version 2 Submission to JV
June 19, 2015	2.1	Version 2 Submission to FRA
August 12, 2015	3.0	Version 3 submission to JV
August 24, 2015	3.1	Version 3 submission to FRA
September 22, 2015	4.0	
	Final Draft version	



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# Index of Map Sheets

Sheet #	Existing NEC	Alt 1	Alt 2	Alternative 3				Regional Coverage	Resource Presence								
				D.C. to NY	New York City to Hartford		Hartford to Boston		7.4	7.5	7.6	7.7	7.8	7.9	7.11		
					via Central CT	via Long Island	via Providence									via Worcester	
1	X	X	X	X					Washington D.C.; Prince George's County, MD								
2	X	X	X	X					Anne Arundel, Baltimore County, Baltimore City, MD								
3	X	X	X	X					Baltimore City, Baltimore County, MD								
4	X	X	X	X					Harford County, MD								
5	X	X	X	X					Cecil County, MD								
6	X	X	X	X					New Castle County, DE								
7	X	X	X	X					Delaware County, PA								
8	X	X	X	X					Philadelphia County, PA								
9	X	X	X	X					Bucks County, PA								
10	X	X	X	X					Mercer, Middlesex County, NJ								
11	X	X	X	X					Union, Essex, Hudson County, NJ; New York County, NY								

Notes:  
 Blank spaces indicate no New Segments in Action Alternative and corresponding map sheet.  
 The existing NEC is present in all Action Alternatives .



# Index of Map Sheets

Sheet #	Existing NEC	Alt 1	Alt 2	Alternative 3					Regional Coverage	Resource Presence							
				D.C. to NY	New York City to Hartford		Hartford to Boston			7.4	7.5	7.6	7.7	7.8	7.9	7.11	
					via Central CT	via Long Island	via Providence	via Worcester									
12	X	X	X	X	X	X			New York, Bronx County, NY								
13	X	X	X	X	X	X			Westchester County, NY; Fairfield County, CT								
14	X	X	X		X				Mercer, Middlesex County, NJ								
15	X	X	X			X			Fairfield County, CT								
16	X	X	X			X			New Haven County, CT								
17	X	X	X		X	X			New Haven County, CT								
18	X	X	X	X	X	X			New York, Kings, Queens County, NY								
19						X			Nassau, Suffolk County, NY								
20						X			Suffolk County, NY								
21	X					X			Suffolk County, NY; Long Island Sound								
22	X		X		X				Westchester County, NY								

Notes:  
 Blank spaces indicate no New Segments in Action Alternative and corresponding map sheet.  
 The existing NEC is present in all Action Alternatives .



# Index of Map Sheets

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					via Central CT	via Long Island	via Providence	via Worcester									
23					X				Westchester County, NY								
24					X				Fairfield County, CT								
25					X				New Haven County, CT								
26			X		X	X	X	X	Hartford County, CT								
27			X		X	X	X	X	Hartford County, CT								
28			X				X	X	Tolland County, CT								
29			X				X		Windham County, CT								
30	X	X	X				X		Providence County, RI								
31	X		X			X			New Haven County, CT								
32	X	X							Middlesex, New London County, CT								
33	X	X							New London County, CT								

Notes:  
 Blank spaces indicate no New Segments in Action Alternative and corresponding map sheet.  
 The existing NEC is present in all Action Alternatives .

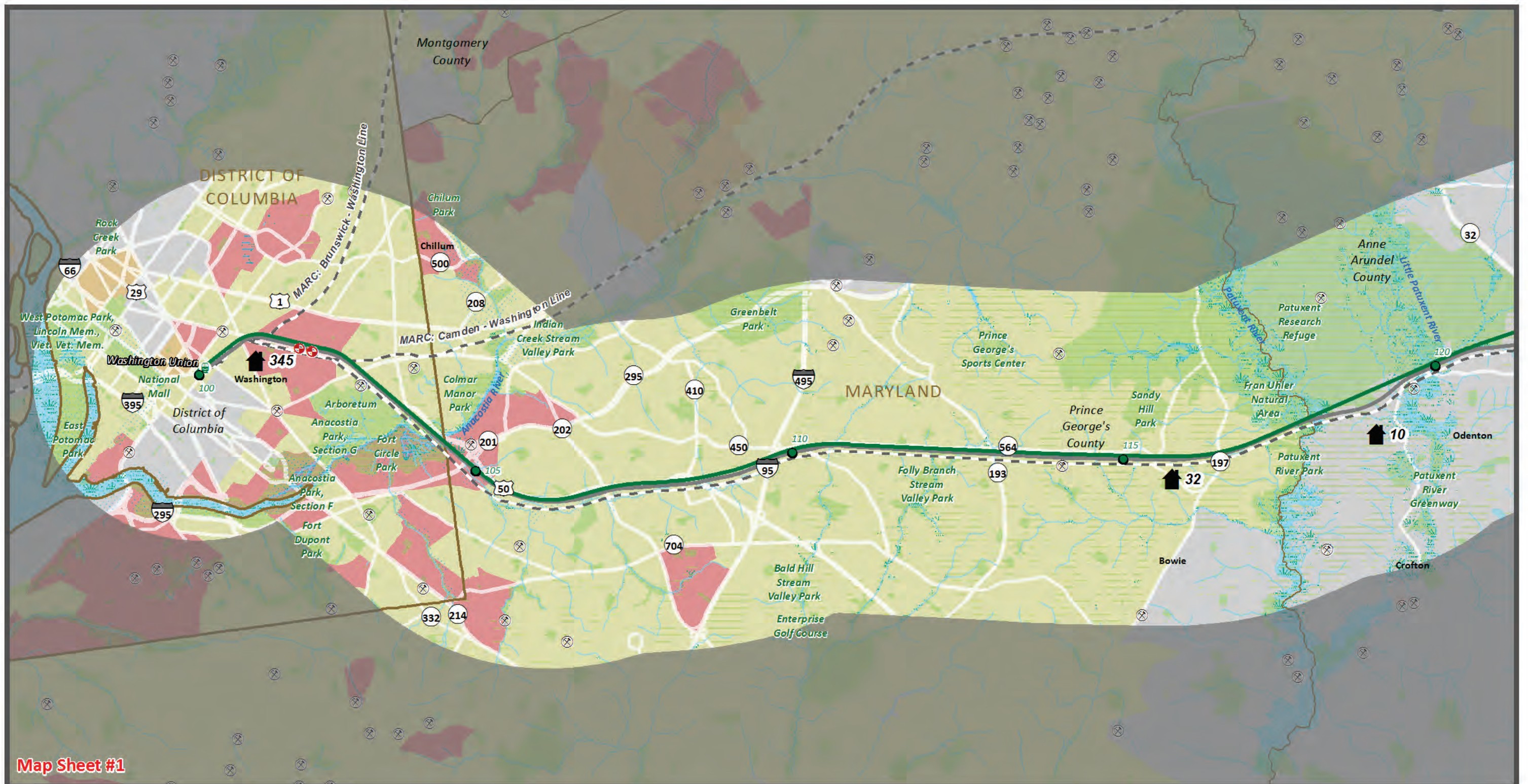


# Index of Map Sheets

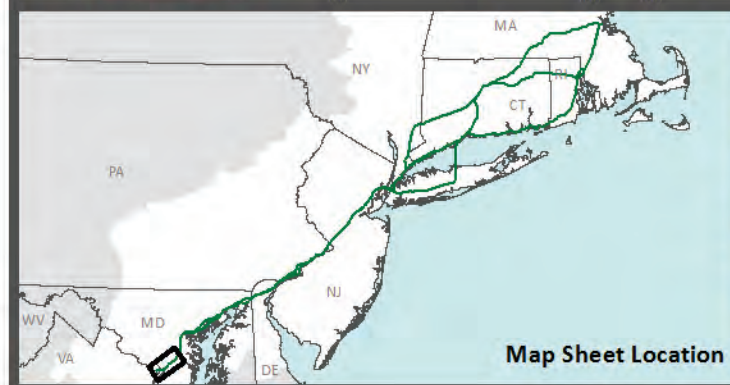
Sheet #	Existing NEC	Alt 1	Alt 2	Alternative 3				Regional Coverage	Resource Presence							
				D.C. to NY	New York City to Hartford		Hartford to Boston		7.4	7.5	7.6	7.7	7.8	7.9	7.11	
					via Central CT	via Long Island	via Providence									via Worcester
34	X	X						Washington County, RI								
35								Washington, Kent County, RI								
36			X				X	Providence County, RI; Bristol County, MA								
37	X		X				X	Norfolk County, MA								
38			X				X	Tolland County, CT								
39							X	Worcester County, MA								
40							X	Worcester, Middlesex County, MA								
41	X		X				X	Middlesex, Norfolk, Suffolk County, MA								
END																

Notes:  
 Blank spaces indicate no New Segments in Action Alternative and corresponding map sheet.  
 The existing NEC is present in all Action Alternatives .





Map Sheet #1



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

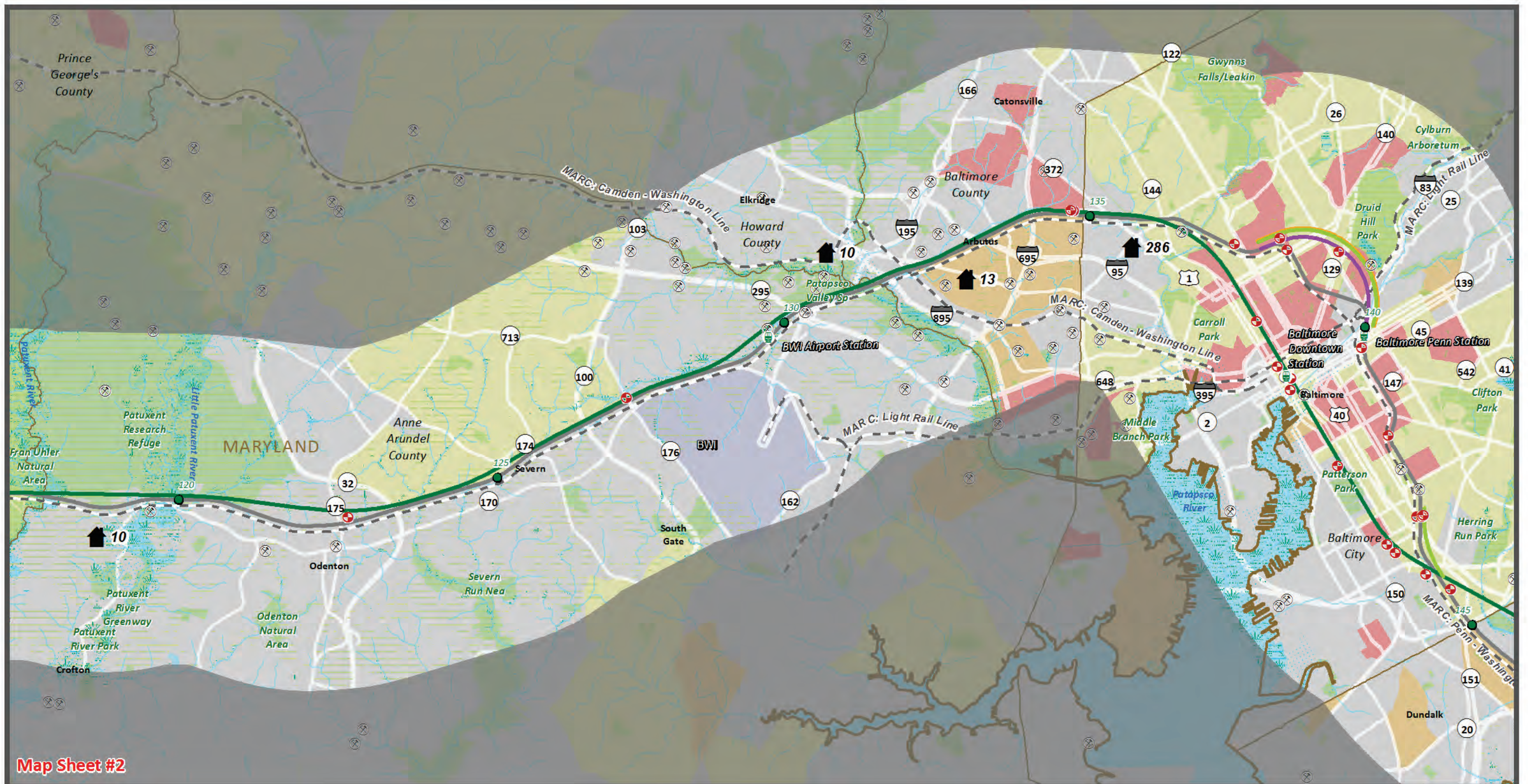
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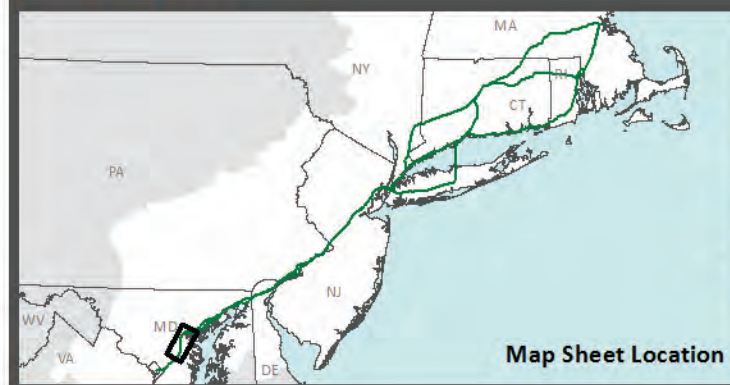
**RESOURCE CONCENTRATIONS**

**ALTERNATIVES 1, 2, 3**

Washington D.C.; Prince George's County, MD



Map Sheet #2



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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U.S. Department of Transportation  
Federal Railroad Administration

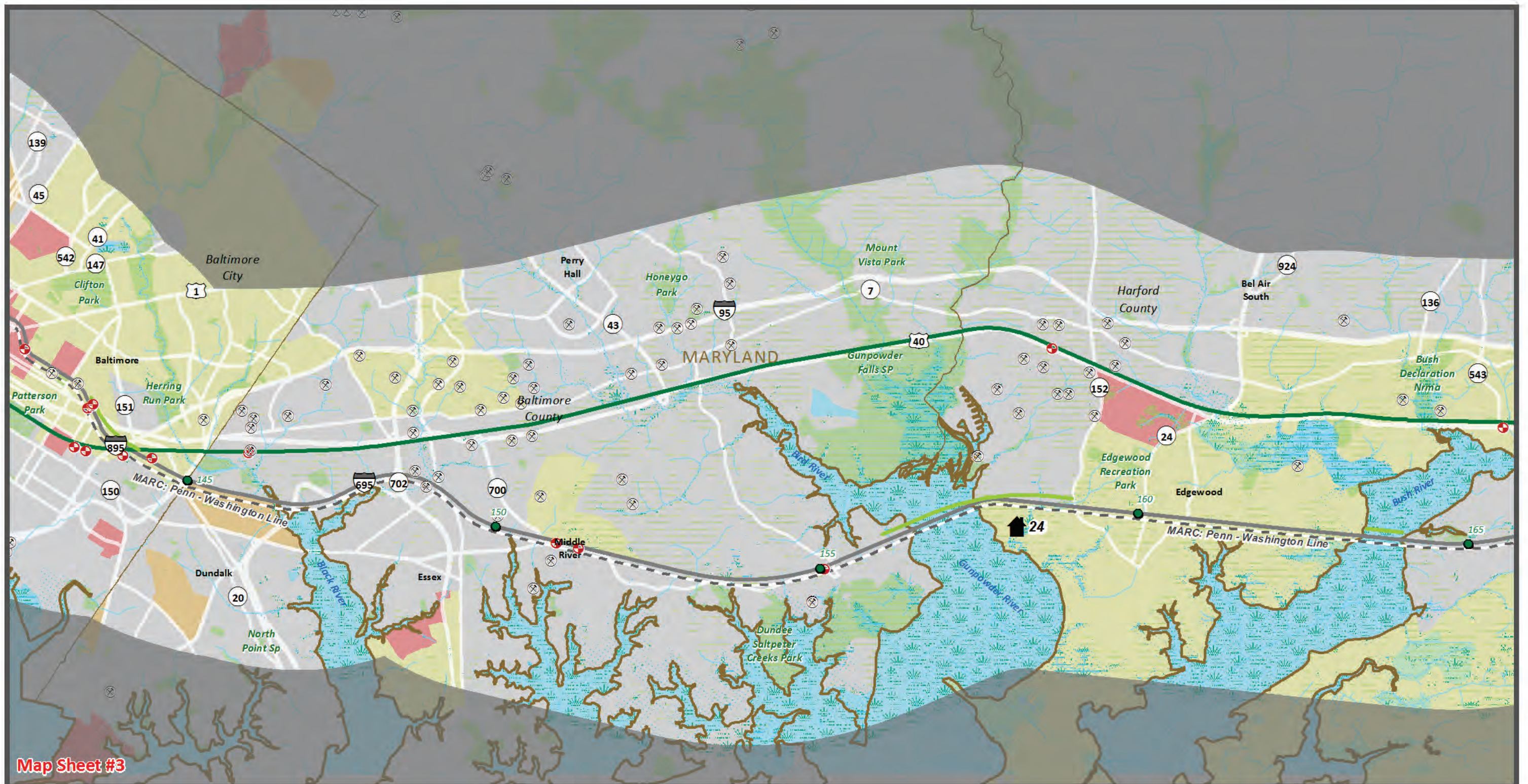
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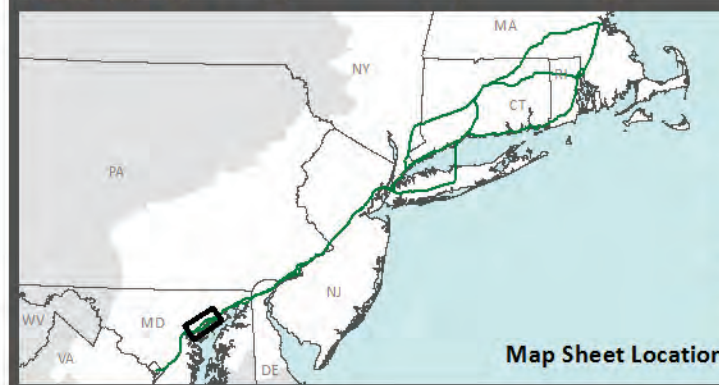
**RESOURCE CONCENTRATIONS**

**ALTERNATIVES 1, 2, 3**

Anne Arundel, Baltimore County, Baltimore City, MD



Map Sheet #3



Map Sheet Location

<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

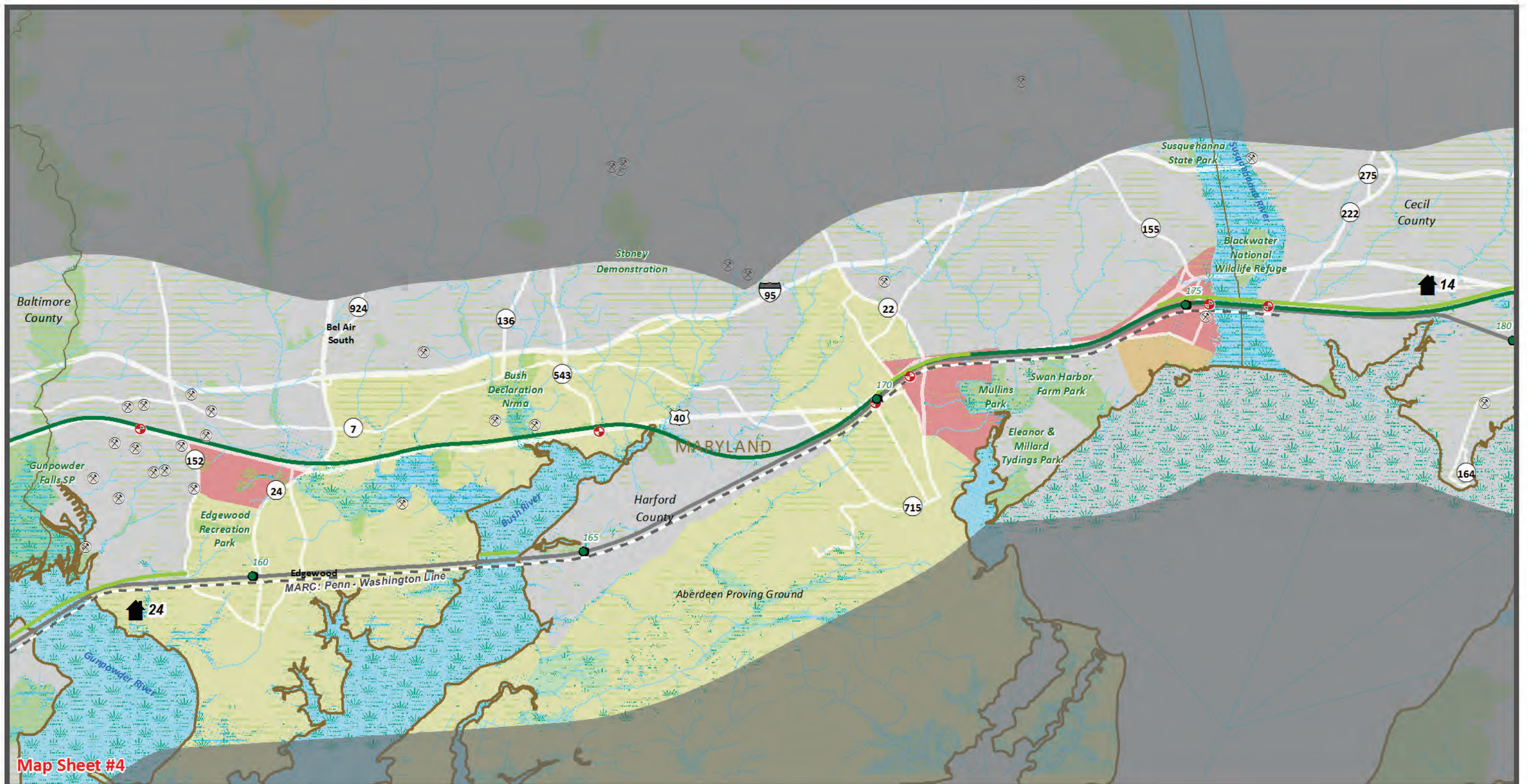
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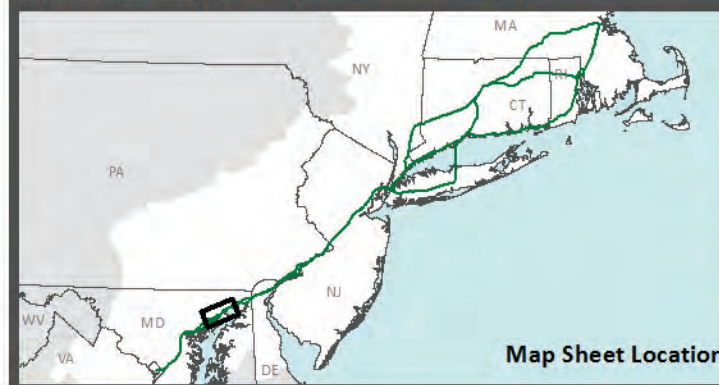
**RESOURCE CONCENTRATIONS**

ALTERNATIVES 1, 2, 3

Baltimore City, Baltimore County, MD



Map Sheet #4



Existing NEC (Present in all Action Alternatives)	Milepost: Existing NEC	Parks and Recreation
<b>New Segment</b>	Major Hub Station	Water
Alternative 1	Geologic Resource	EJ - Minority and Low Income
Alternative 2	Cultural Resource (and total)	EJ - Minority
<b>Alternative 3</b>	Hazardous Material (H-P)	EJ - Low Income
Washington, D.C. to New York	Commuter Rail	Airport (Large/Medium Hub)
New York to Hartford via Central Connecticut	Stream	Map Inset
New York to Hartford via Long Island	Wetlands	County Boundary
Hartford to Boston via Providence	Floodplain	State Boundary
Hartford to Boston via Worcester	Terrestrial ESH	
Alternative 3: Modifications to Existing NEC	Aquatic ESH	

Source of Data: NEC FUTURE, 2014

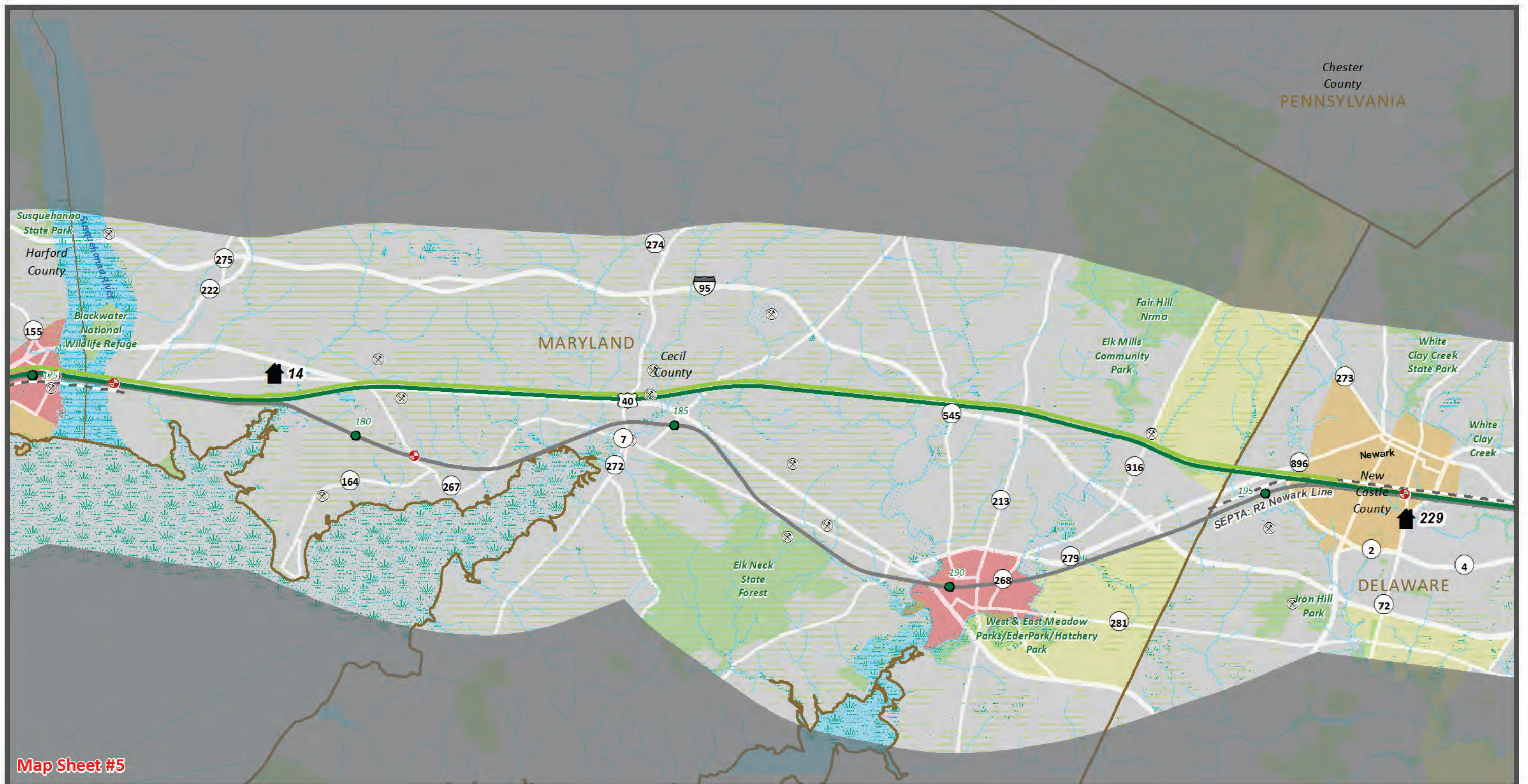
U.S. Department of Transportation  
Federal Railroad Administration

0 0.5 1 Mile

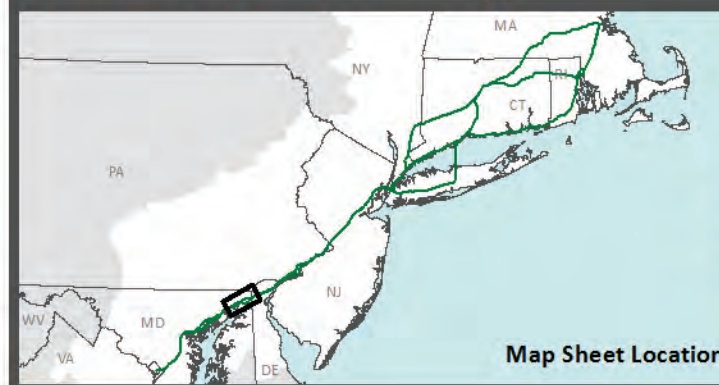
**NEC FUTURE**

RESOURCE CONCENTRATIONS  
ALTERNATIVES 1, 2, 3  
Harford County, MD





Map Sheet #5



Map Sheet Location

<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

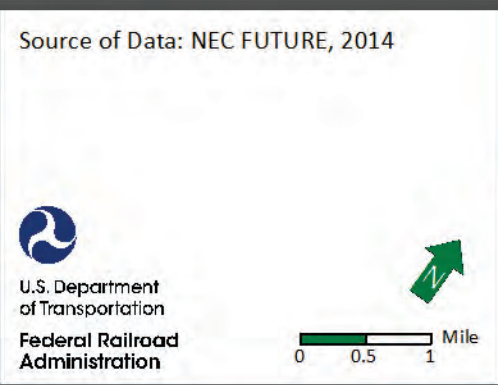
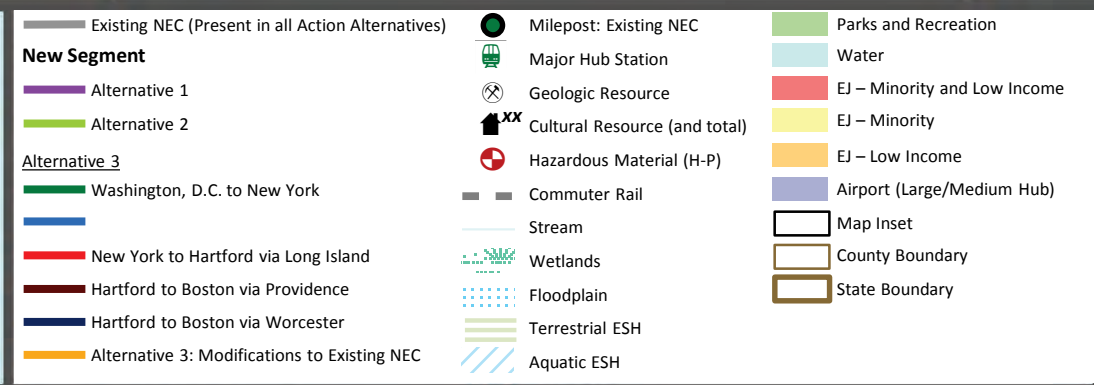
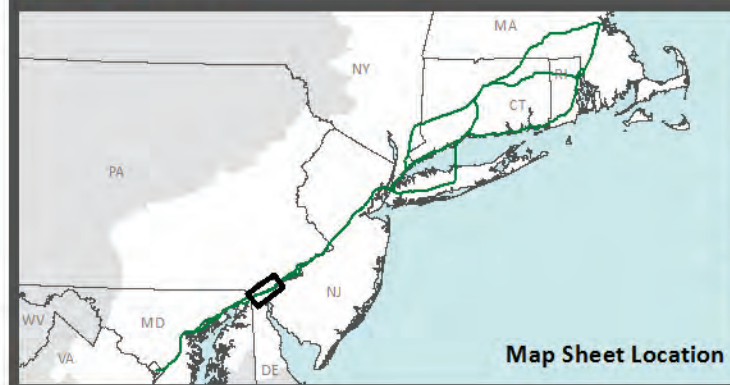
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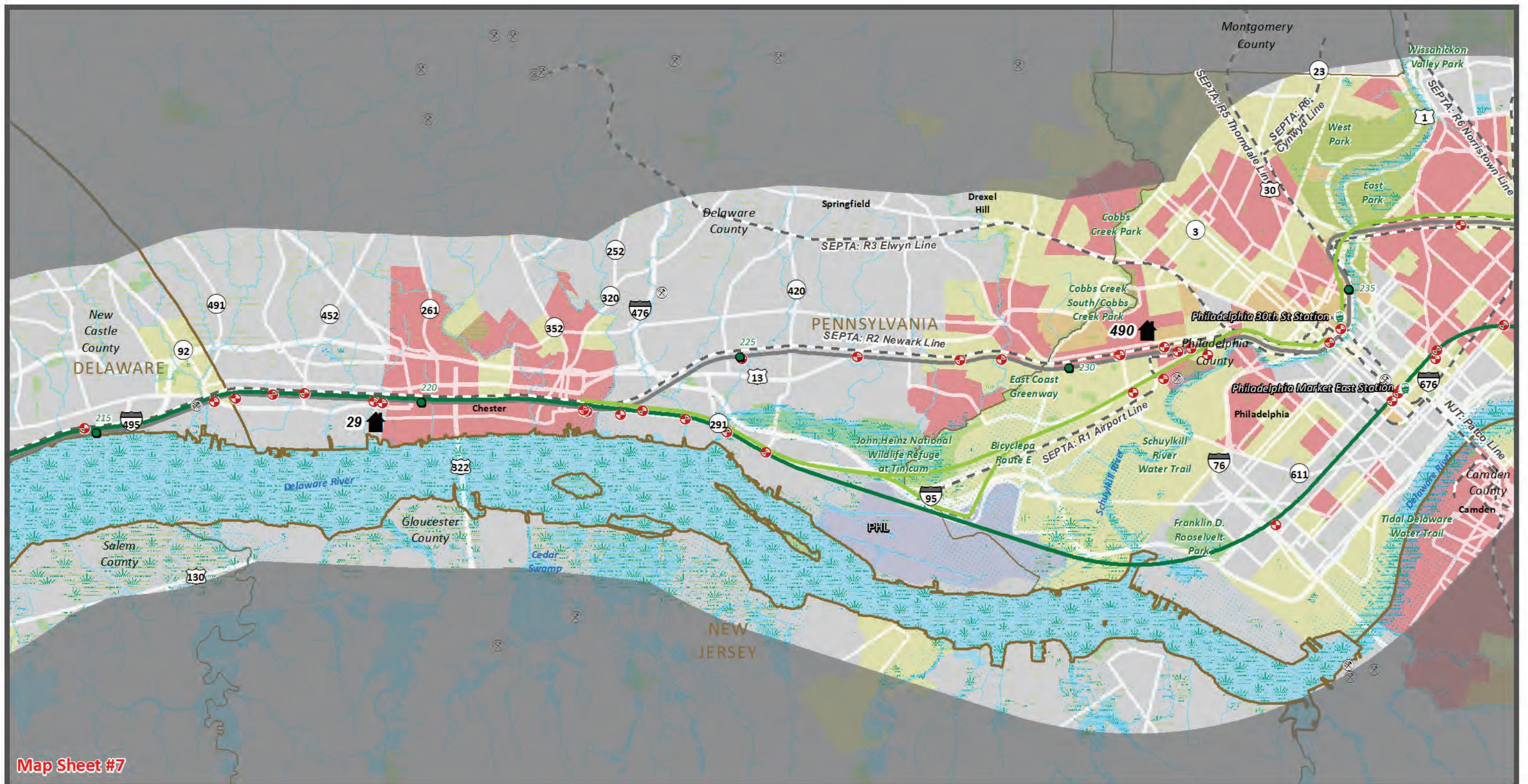
**NEC FUTURE**

RESOURCE CONCENTRATIONS  
ALTERNATIVES 1, 2, 3  
Cecil County, MD

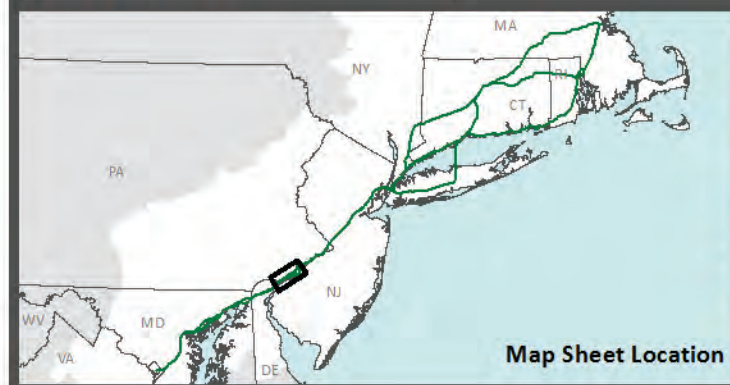


Map Sheet #6





Map Sheet #7



Existing NEC (Present in all Action Alternatives)	Milepost: Existing NEC	Parks and Recreation
<b>New Segment</b>	Major Hub Station	Water
Alternative 1	Geologic Resource	EJ - Minority and Low Income
Alternative 2	Cultural Resource (and total)	EJ - Minority
<b>Alternative 3</b>	Hazardous Material (H-P)	EJ - Low Income
Washington, D.C. to New York	Commuter Rail	Airport (Large/Medium Hub)
New York to Hartford via Central Connecticut	Stream	Map Inset
New York to Hartford via Long Island	Wetlands	County Boundary
Hartford to Boston via Providence	Floodplain	State Boundary
Hartford to Boston via Worcester	Terrestrial ESH	
Alternative 3: Modifications to Existing NEC	Aquatic ESH	

Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

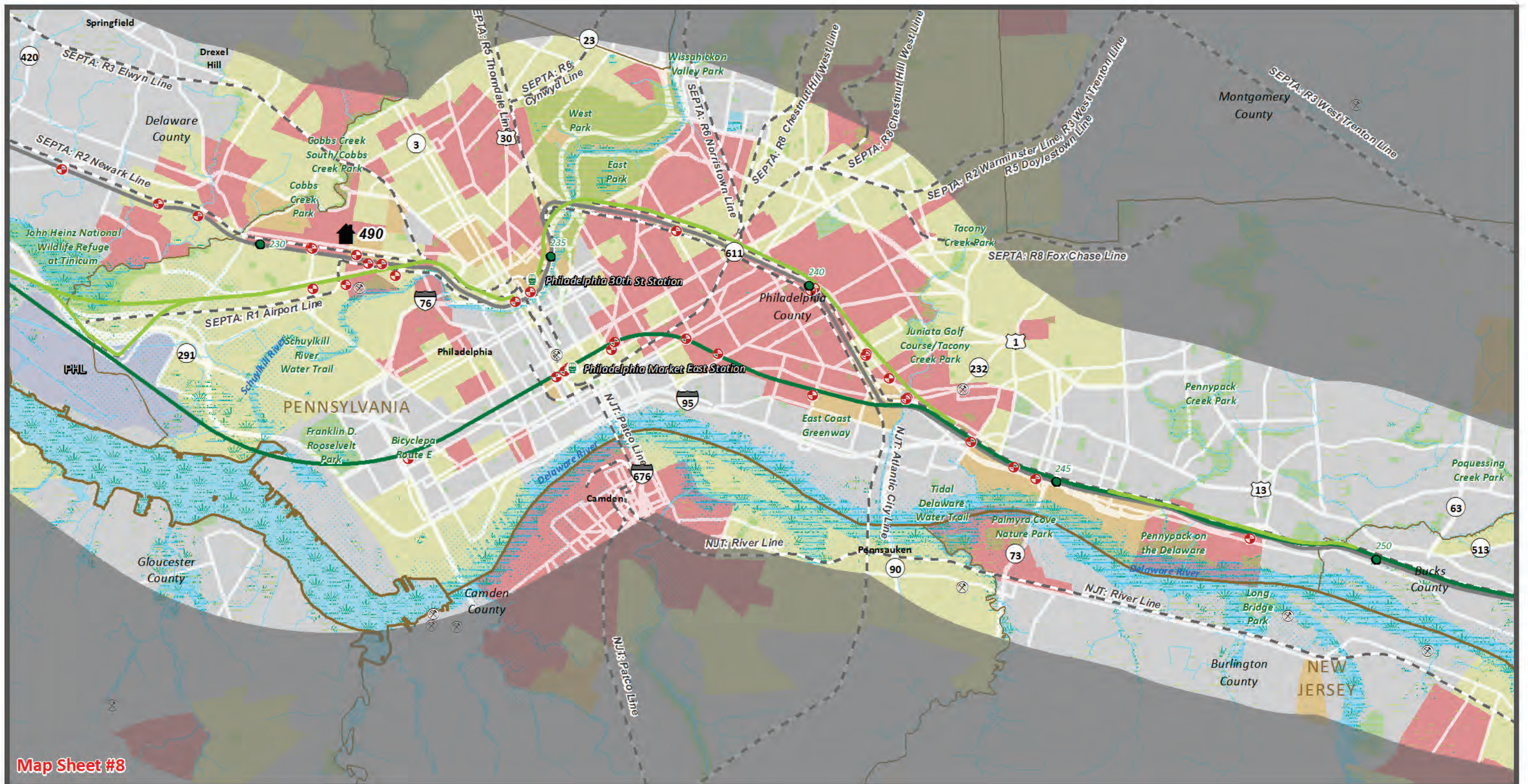
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**NEC FUTURE**

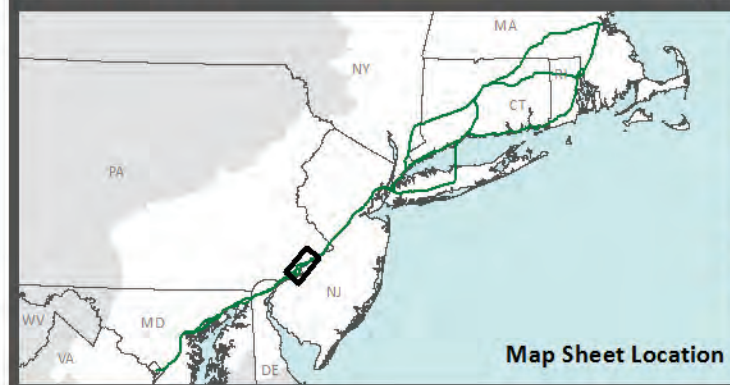
**RESOURCE CONCENTRATIONS**

**ALTERNATIVES 1, 2, 3**

Delaware County, PA



Map Sheet #8



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

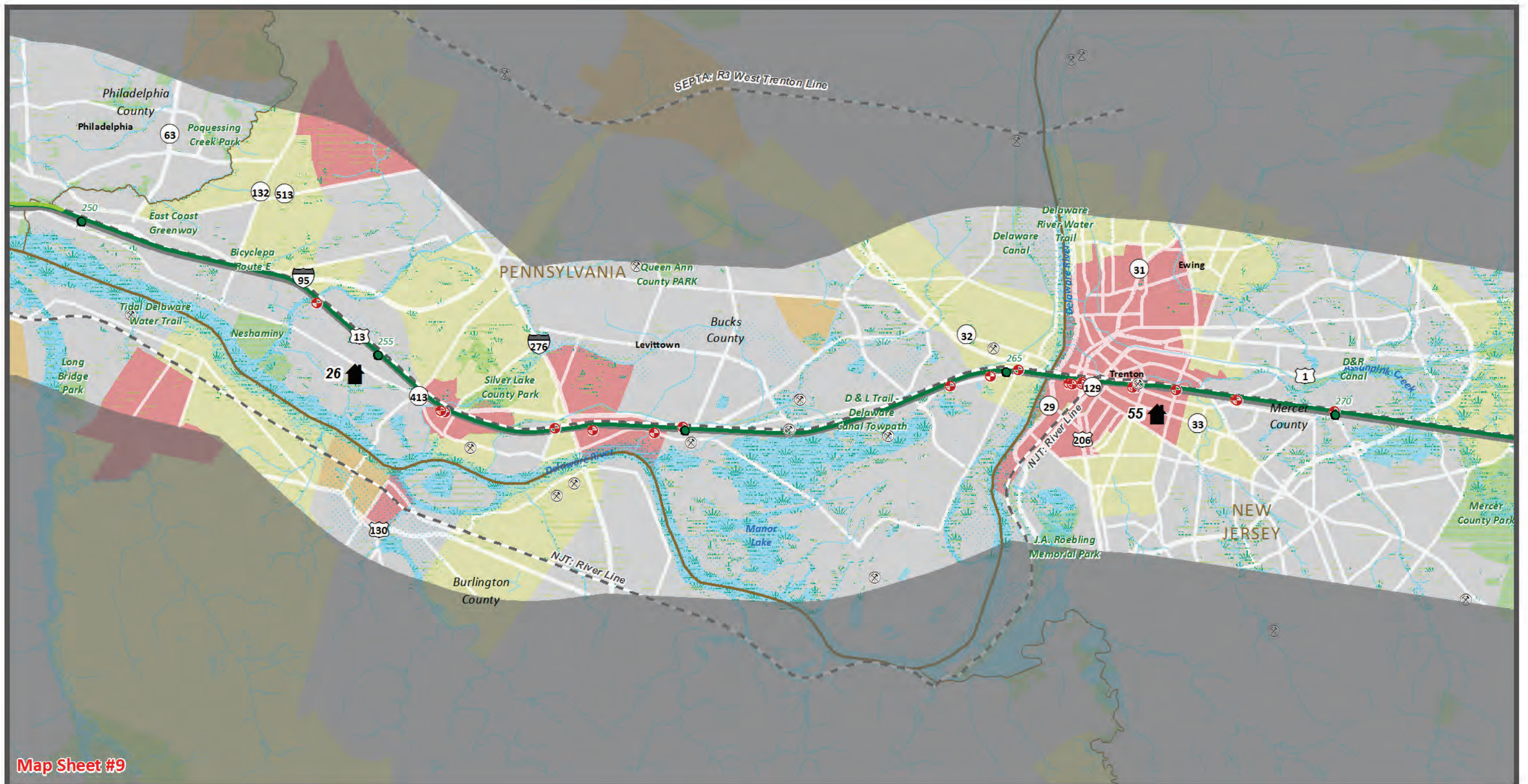
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**NECFUTURE**

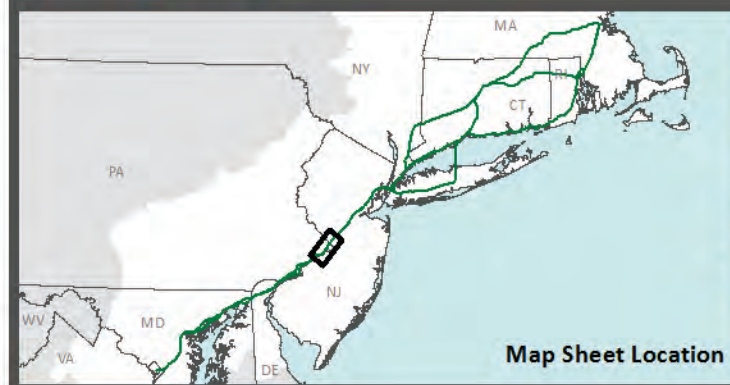
**RESOURCE CONCENTRATIONS**

**ALTERNATIVES 1, 2, 3**

Philadelphia County, PA



Map Sheet #9



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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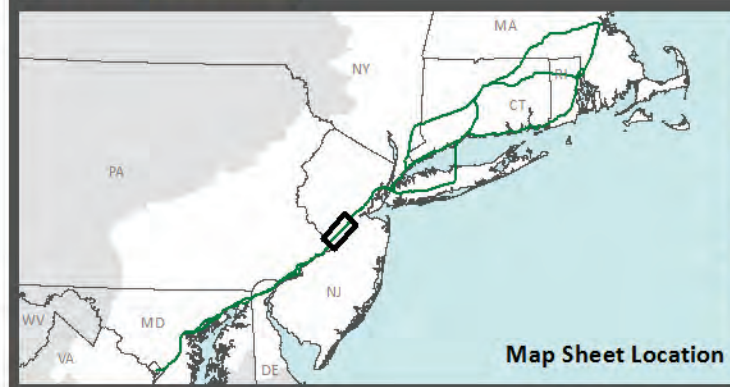
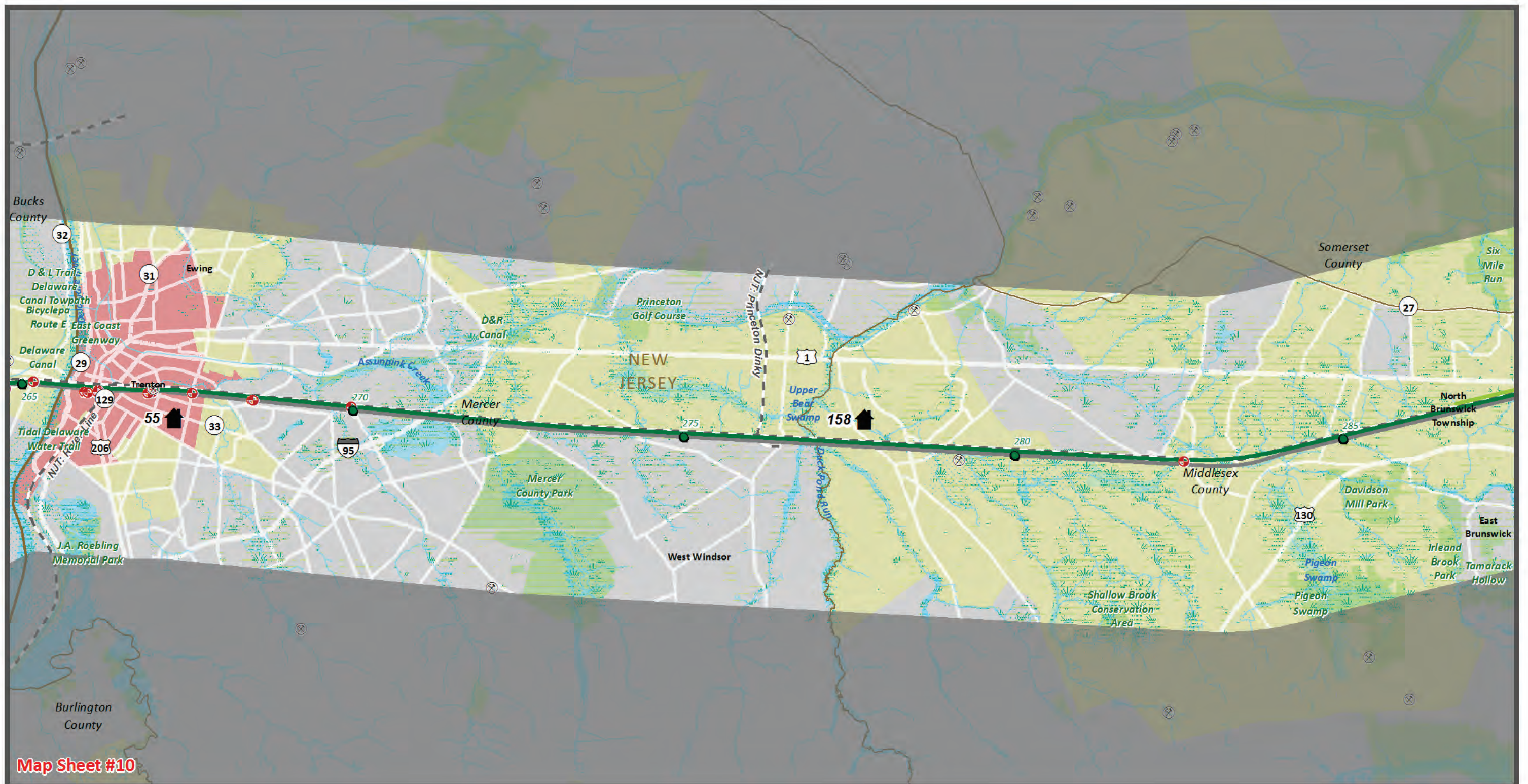
Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

0 0.5 1 Mile

**NEC FUTURE**

RESOURCE CONCENTRATIONS  
ALTERNATIVES 1, 2, 3  
Bucks County, PA



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

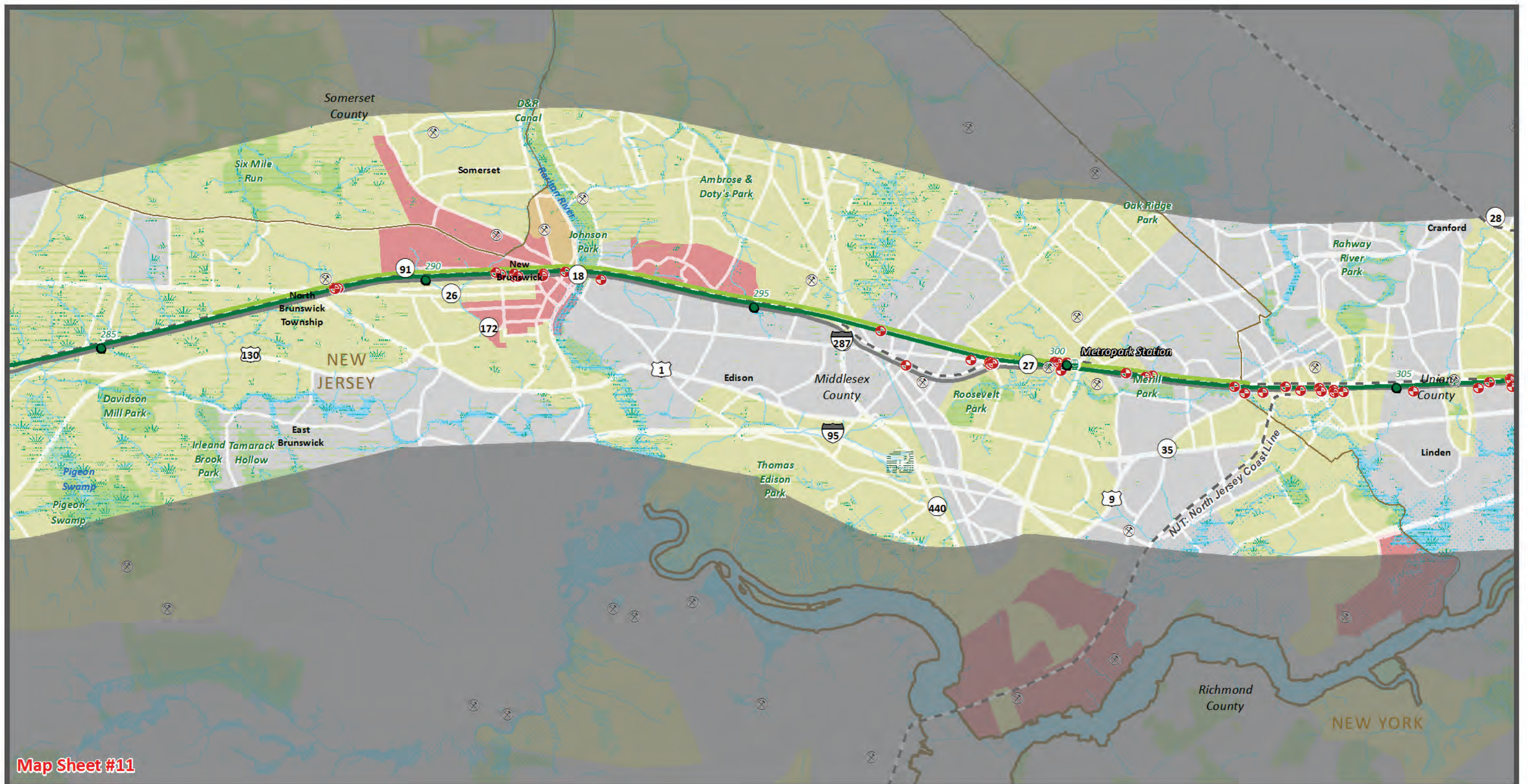
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**NEC FUTURE**

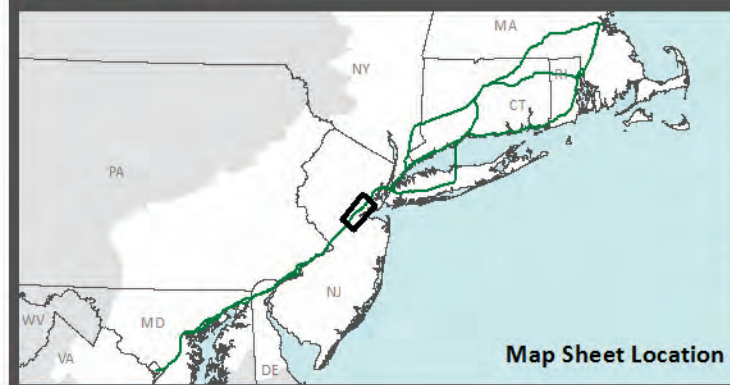
**RESOURCE CONCENTRATIONS**

**ALTERNATIVES 1, 2, 3**

Mercer, Middlesex County, NJ



Map Sheet #11



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

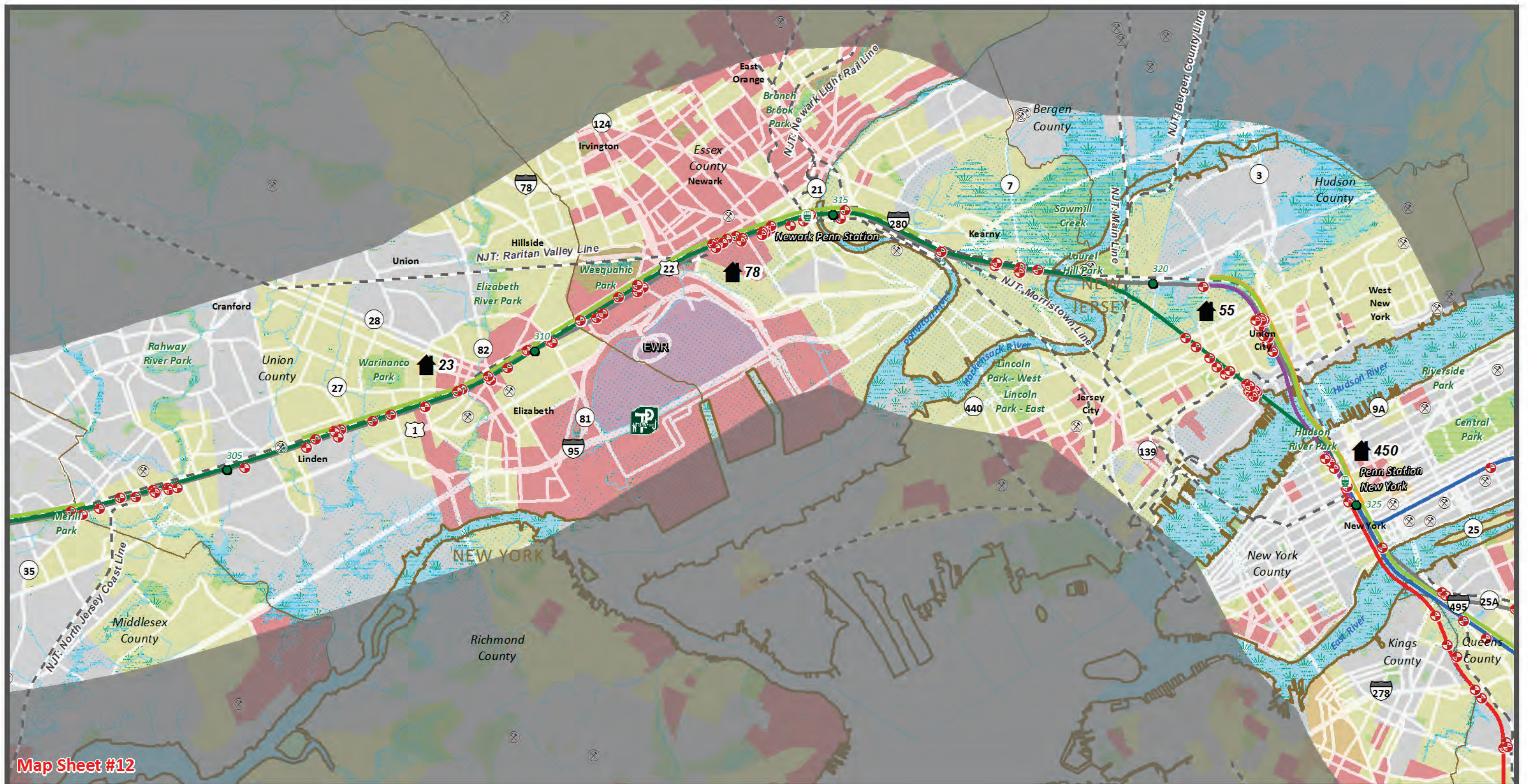
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**NEC FUTURE**

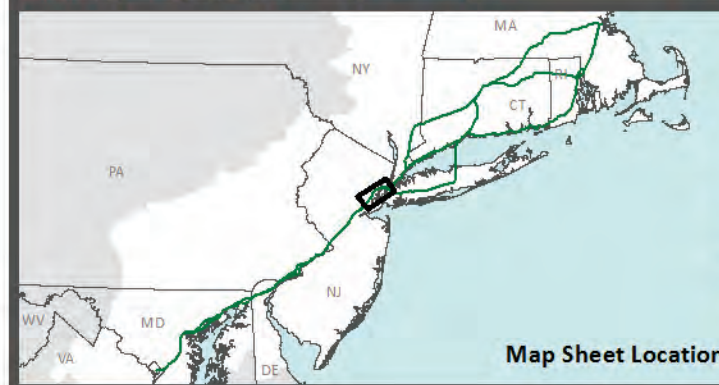
RESOURCE CONCENTRATIONS

ALTERNATIVES 1, 2, 3

Middlesex County, NJ



Map Sheet #12



Map Sheet Location

Existing NEC (Present in all Action Alternatives)	Milepost: Existing NEC	Parks and Recreation
<b>New Segment</b>	Major Hub Station	Water
Alternative 1	Geologic Resource	EJ - Minority and Low Income
Alternative 2	Cultural Resource (and total)	EJ - Minority
<b>Alternative 3</b>	Hazardous Material (H-P)	EJ - Low Income
Washington, D.C. to New York	Commuter Rail	Airport (Large/Medium Hub)
New York to Hartford via Central Connecticut	Stream	Map Inset
New York to Hartford via Long Island	Wetlands	County Boundary
Hartford to Boston via Providence	Floodplain	State Boundary
Hartford to Boston via Worcester	Terrestrial ESH	
Alternative 3: Modifications to Existing NEC	Aquatic ESH	

Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

0 0.5 1 Mile

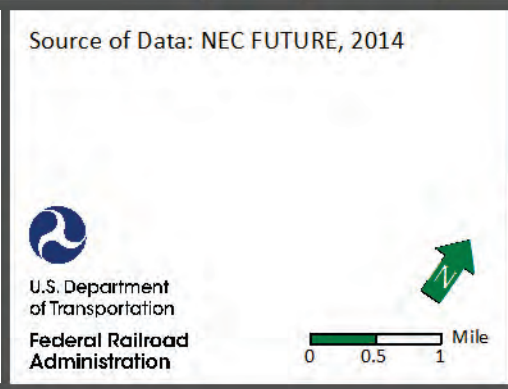
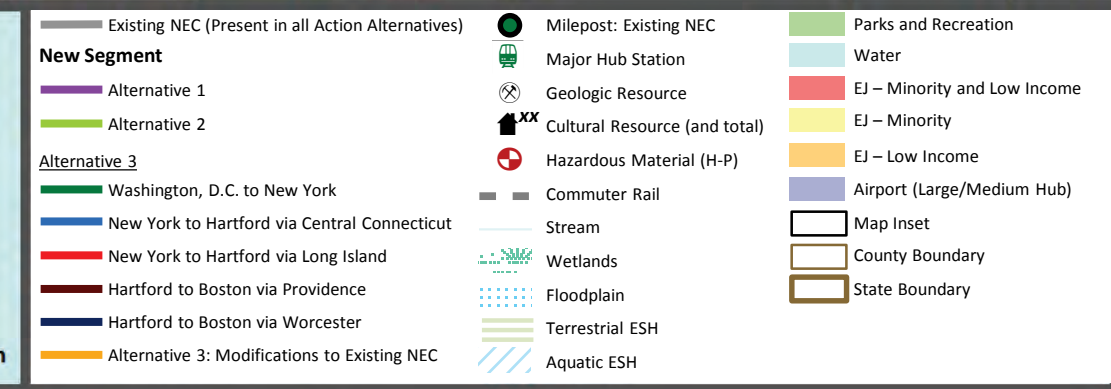
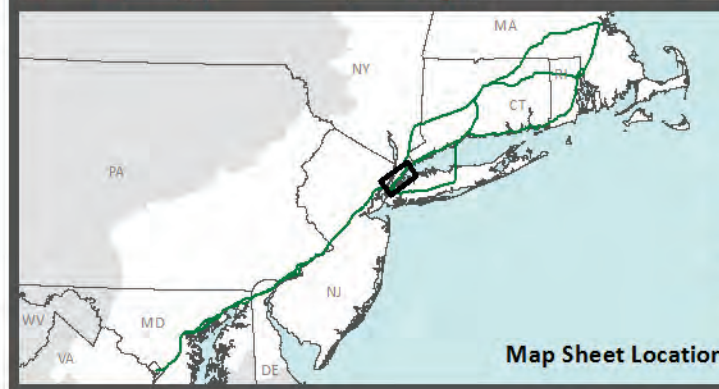
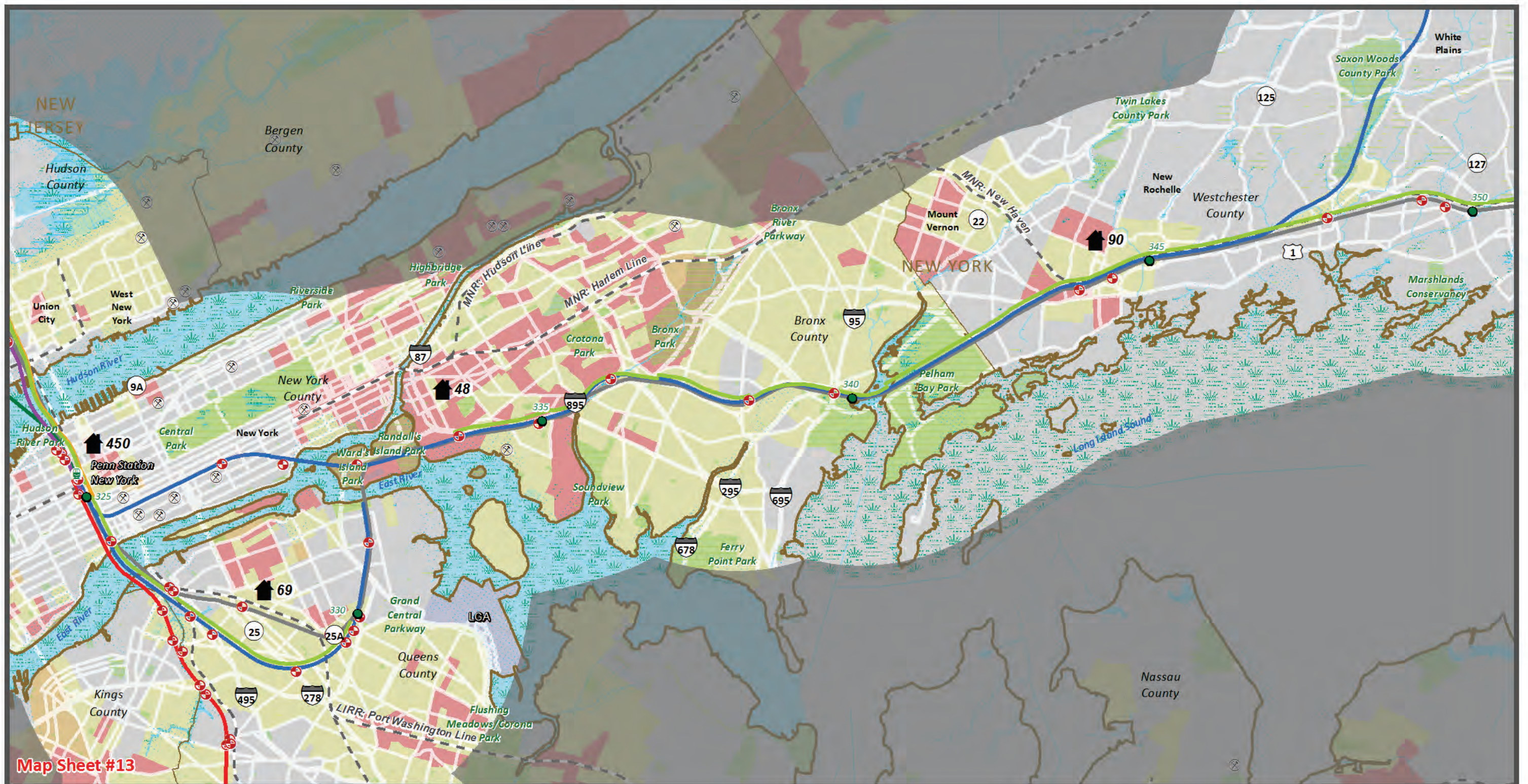
**NEC FUTURE**

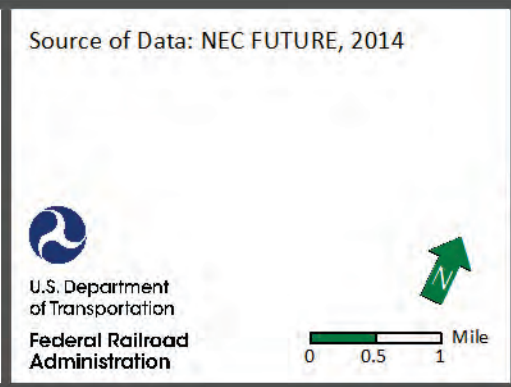
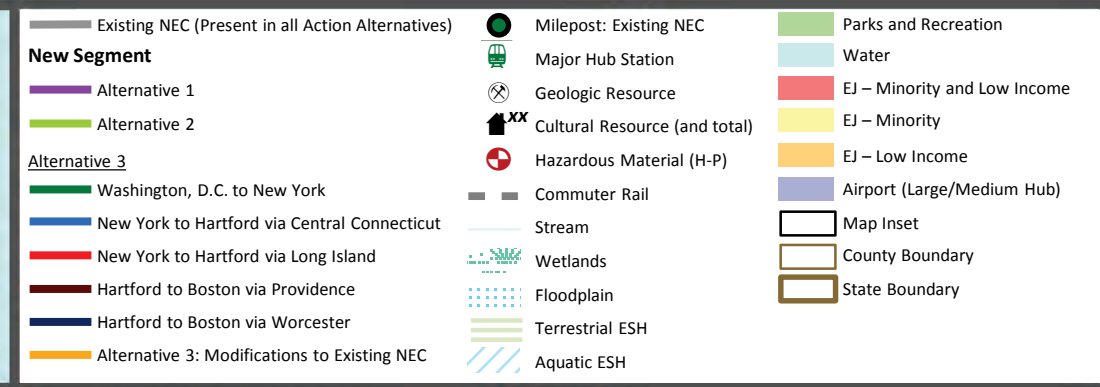
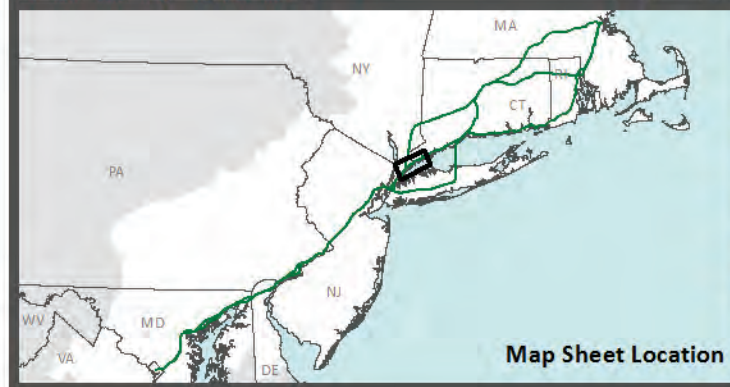
**RESOURCE CONCENTRATIONS**

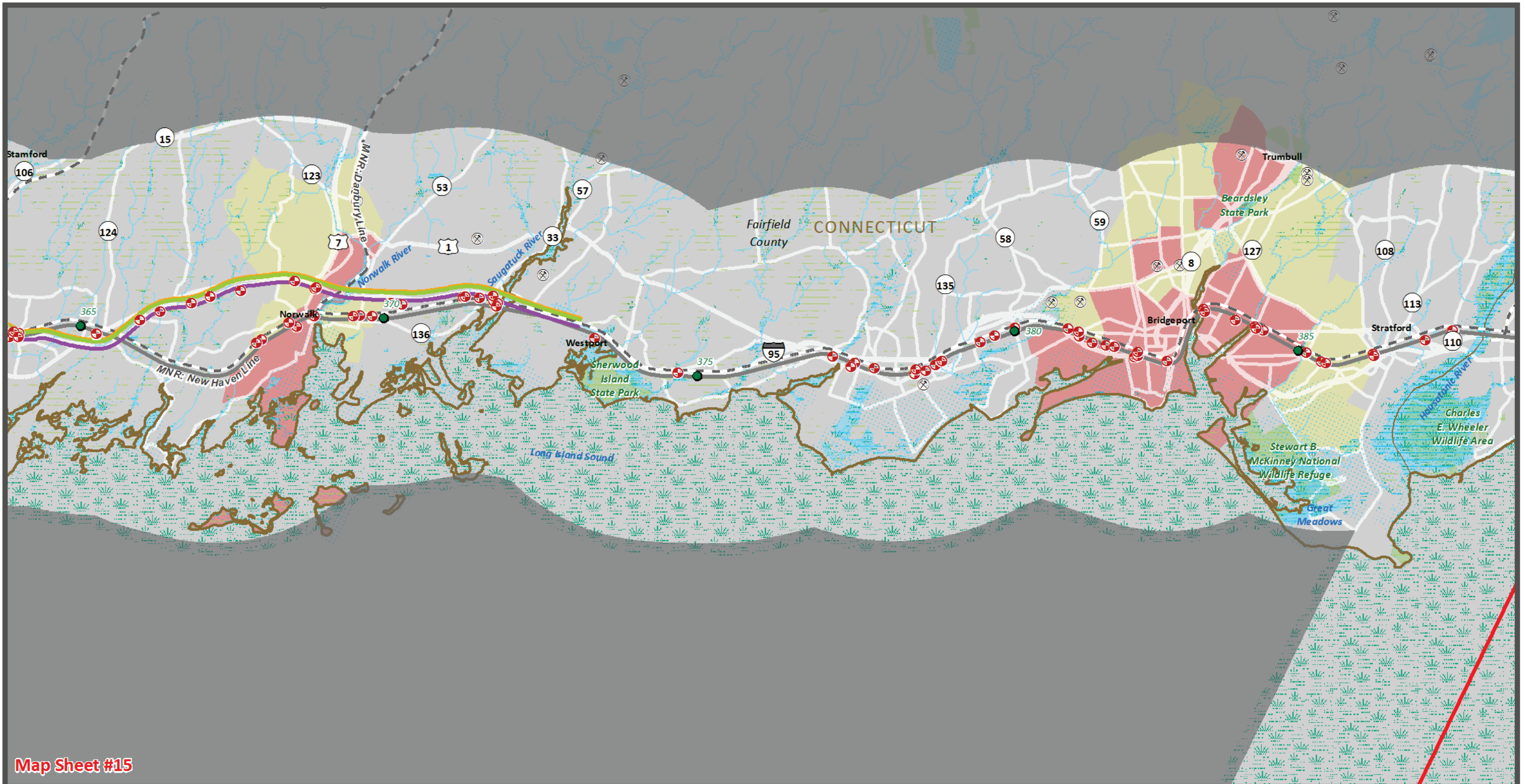
**ALTERNATIVES 1, 2, 3**

Union, Essex, Hudson County, NJ; New York County, NY

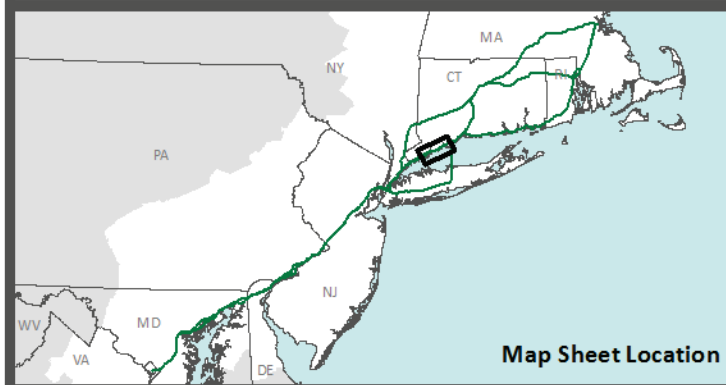








Map Sheet #15



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

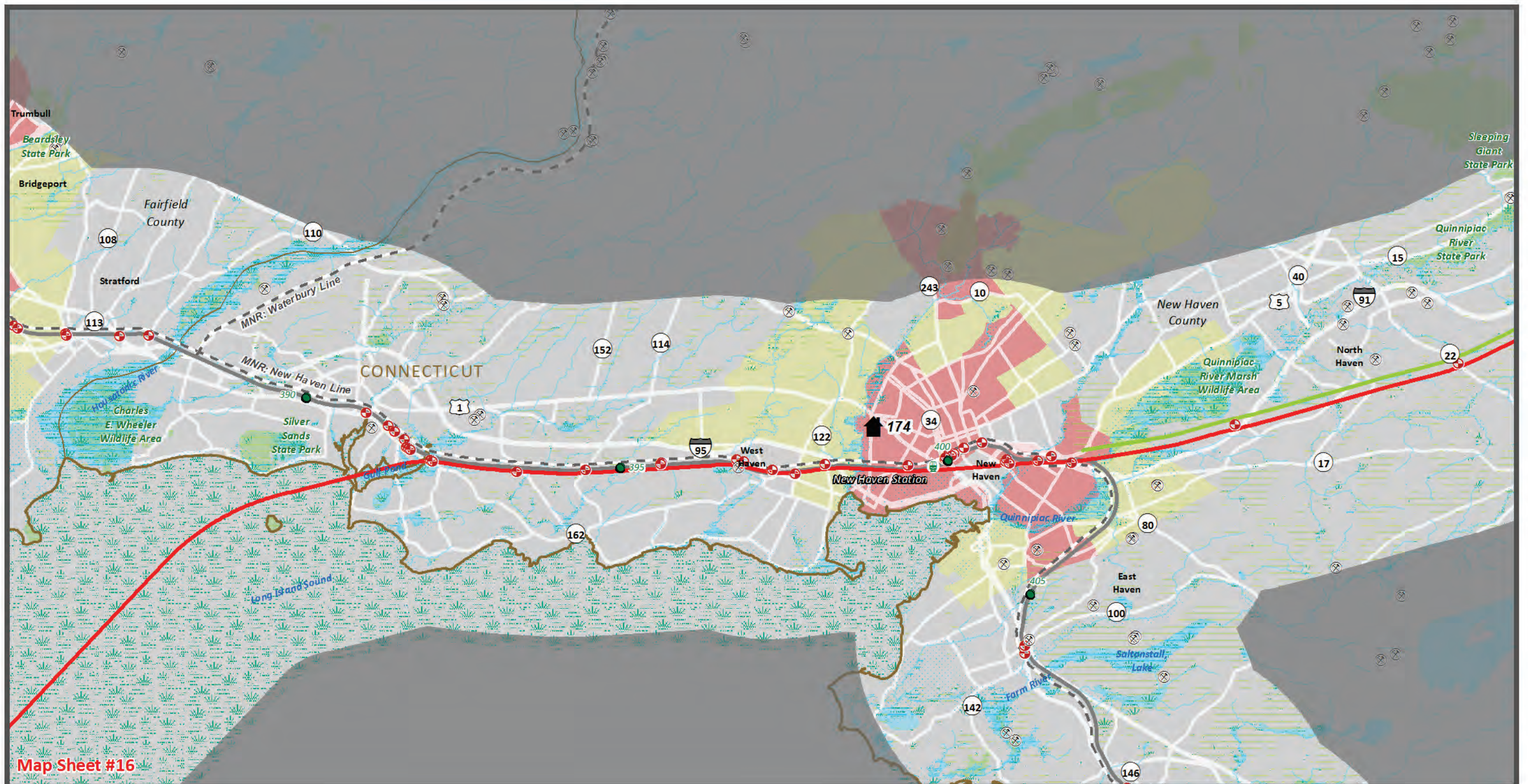
0 0.5 1 Mile

**NEC FUTURE**

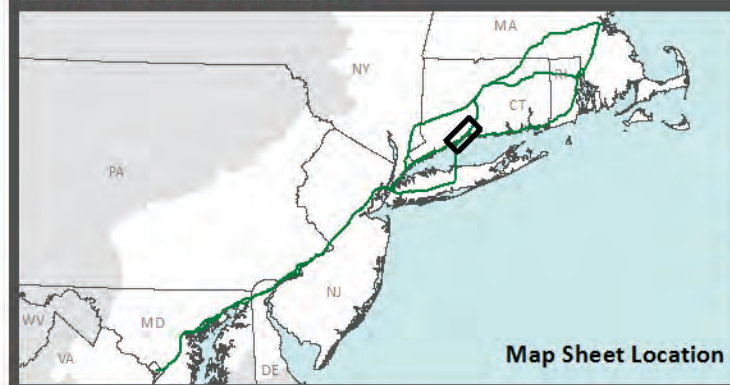
**RESOURCE CONCENTRATIONS**

**ALTERNATIVES 1, 2, 3**

Fairfield County, CT



Map Sheet #16



Map Sheet Location

Existing NEC (Present in all Action Alternatives)	Milepost: Existing NEC	Parks and Recreation
<b>New Segment</b>	Major Hub Station	Water
Alternative 1	Geologic Resource	EJ - Minority and Low Income
Alternative 2	Cultural Resource (and total)	EJ - Minority
<b>Alternative 3</b>	Hazardous Material (H-P)	EJ - Low Income
Washington, D.C. to New York	Commuter Rail	Airport (Large/Medium Hub)
New York to Hartford via Central Connecticut	Stream	Map Inset
New York to Hartford via Long Island	Wetlands	County Boundary
Hartford to Boston via Providence	Floodplain	State Boundary
Hartford to Boston via Worcester	Terrestrial ESH	
Alternative 3: Modifications to Existing NEC	Aquatic ESH	

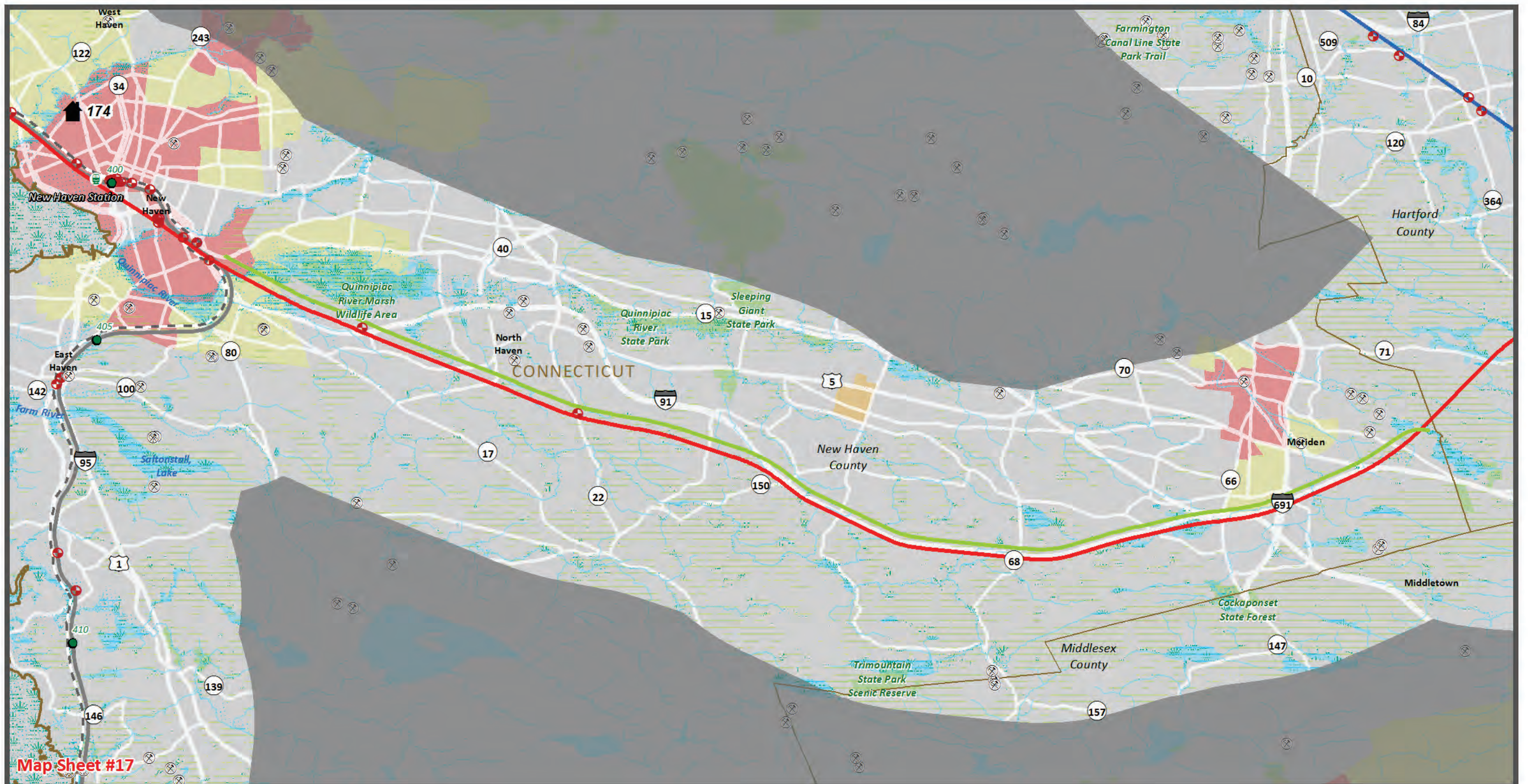
Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

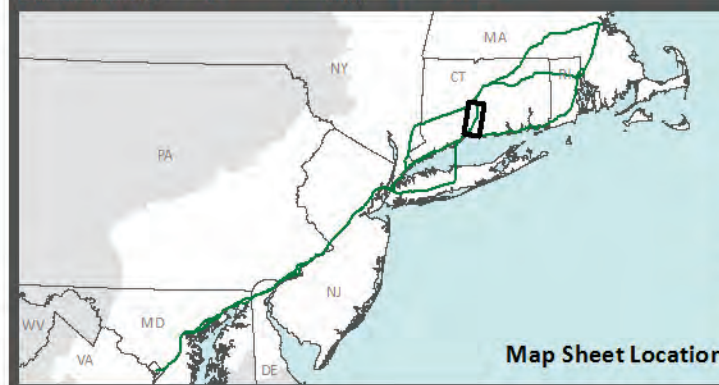
0 0.5 1 Mile

**NEC FUTURE**

RESOURCE CONCENTRATIONS  
ALTERNATIVES 1, 2, 3  
New Haven County, CT



Map Sheet #17



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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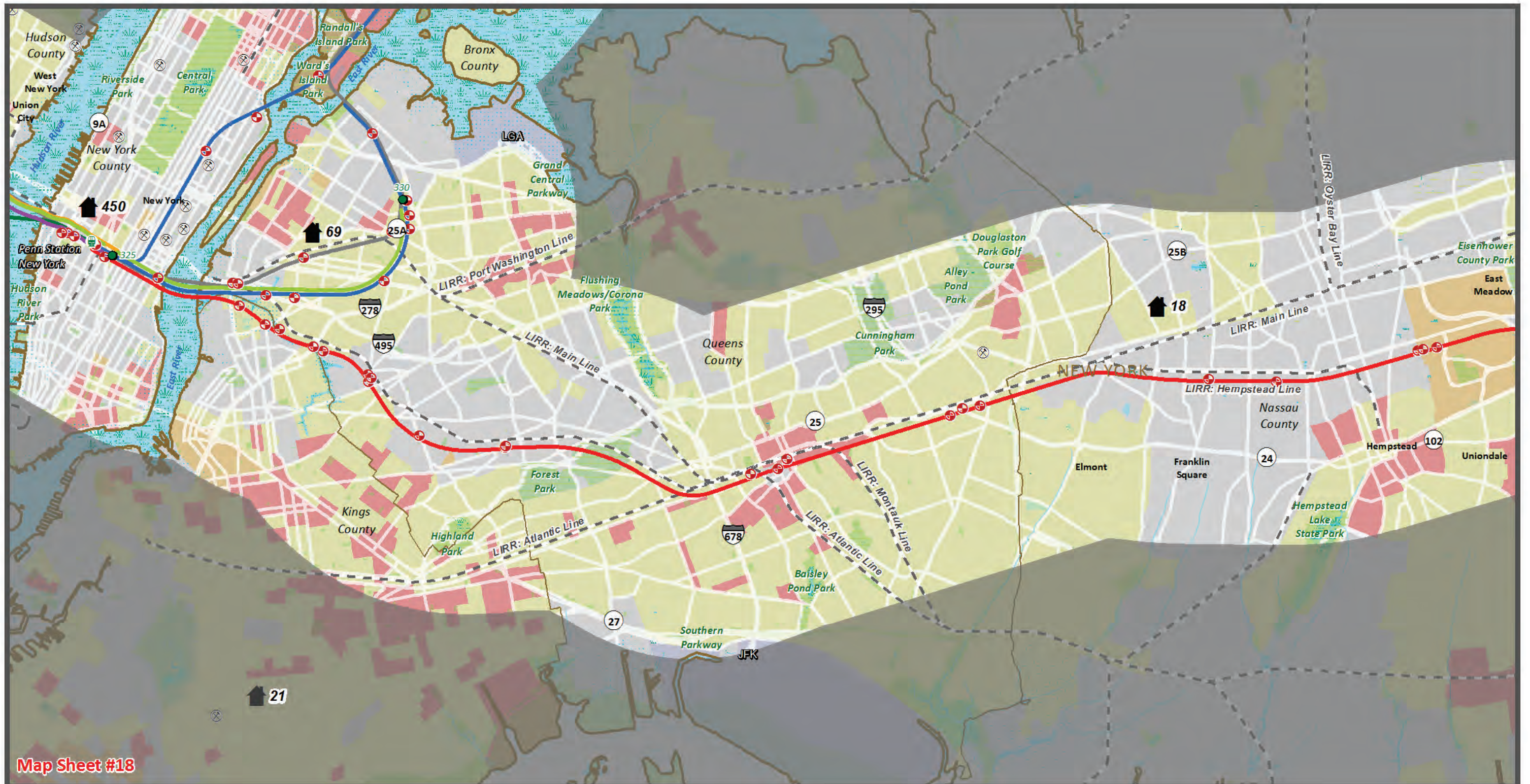
Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

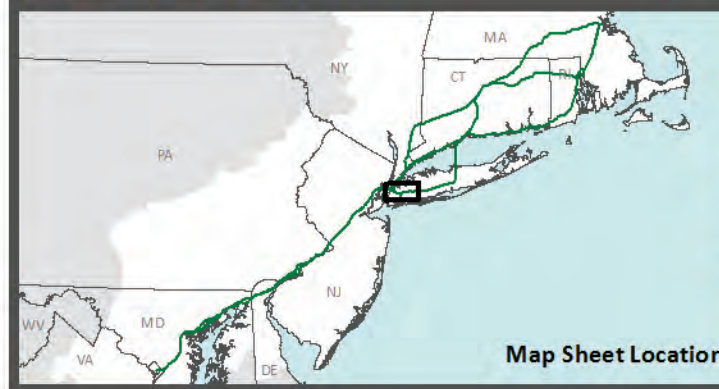
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**NEC FUTURE**

RESOURCE CONCENTRATIONS  
ALTERNATIVES 2, 3  
New Haven County, CT



Map Sheet #18



Existing NEC (Present in all Action Alternatives)	Milepost: Existing NEC	Parks and Recreation
<b>New Segment</b>	Major Hub Station	Water
Alternative 1	Geologic Resource	EJ - Minority and Low Income
Alternative 2	Cultural Resource (and total)	EJ - Minority
<b>Alternative 3</b>	Hazardous Material (H-P)	EJ - Low Income
Washington, D.C. to New York	Commuter Rail	Airport (Large/Medium Hub)
New York to Hartford via Central Connecticut	Stream	Map Inset
New York to Hartford via Long Island	Wetlands	County Boundary
Hartford to Boston via Providence	Floodplain	State Boundary
Hartford to Boston via Worcester	Terrestrial ESH	
Alternative 3: Modifications to Existing NEC	Aquatic ESH	

Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

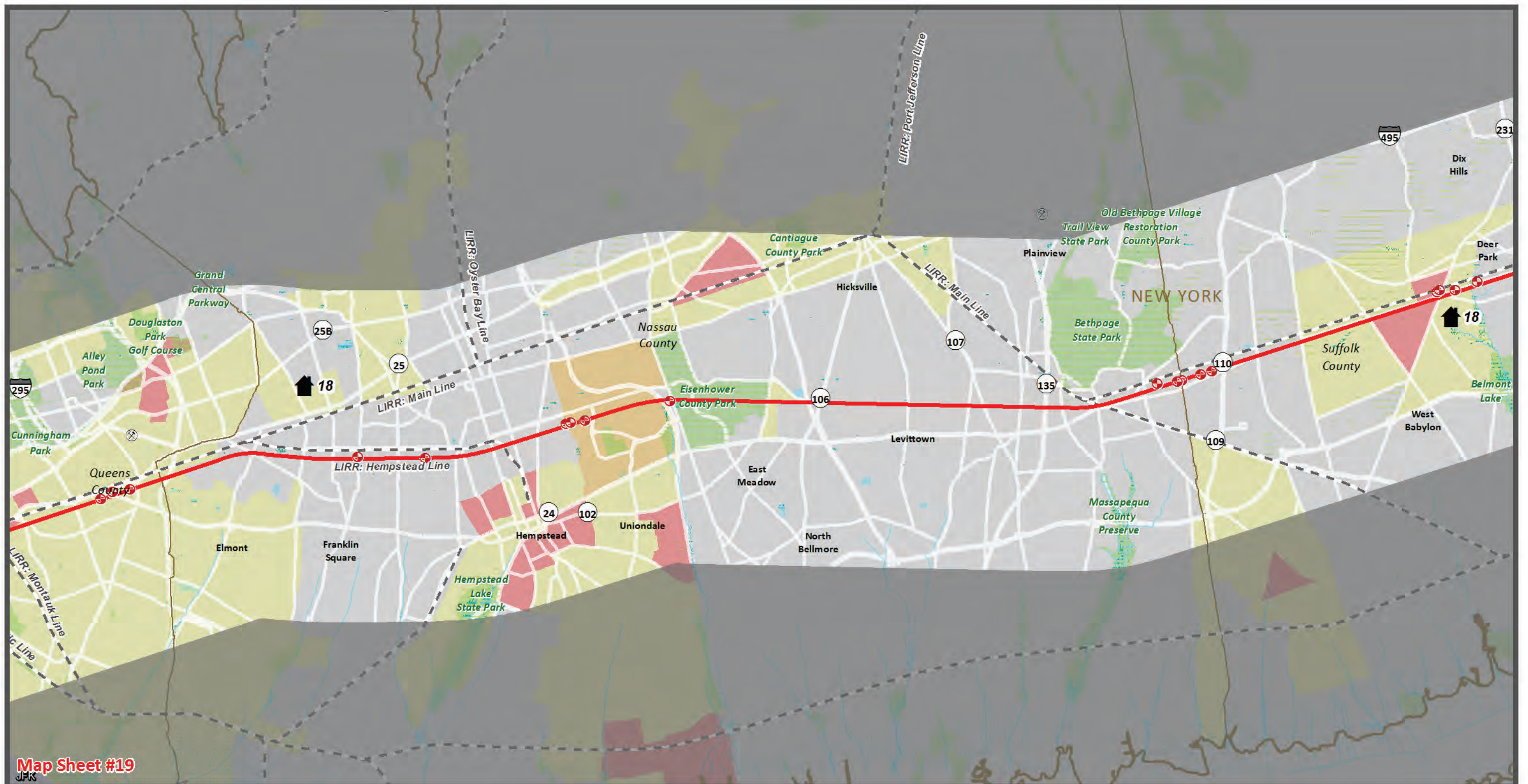
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**NEC FUTURE**

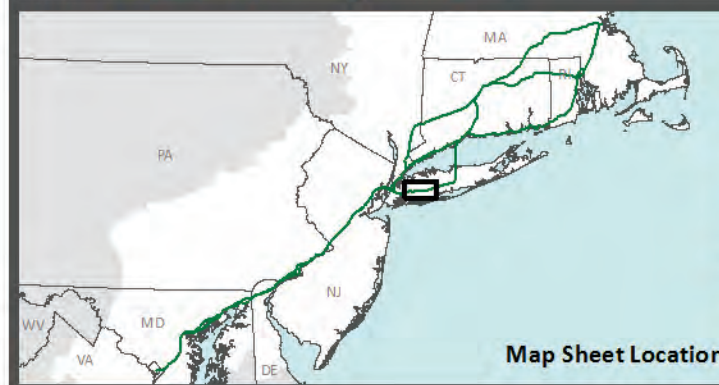
**RESOURCE CONCENTRATIONS**

**ALTERNATIVE 3**

New York, Kings, Queens County, NY



Map Sheet #19  
JFK



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

0 0.5 1 Mile

**NEC FUTURE**

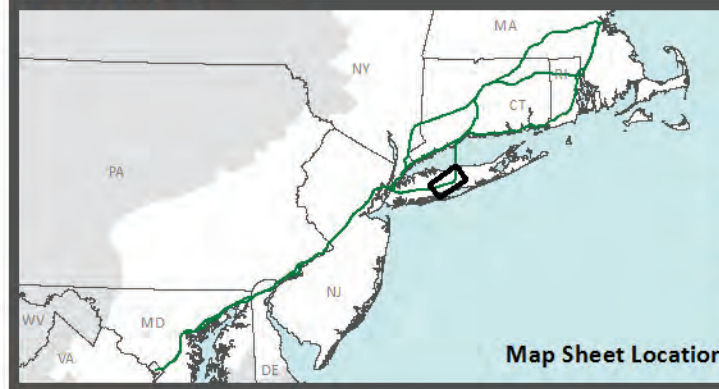
**RESOURCE CONCENTRATIONS**

**ALTERNATIVE 3**

Nassau, Suffolk County, NY



Map Sheet #20



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

0 0.5 1 Mile

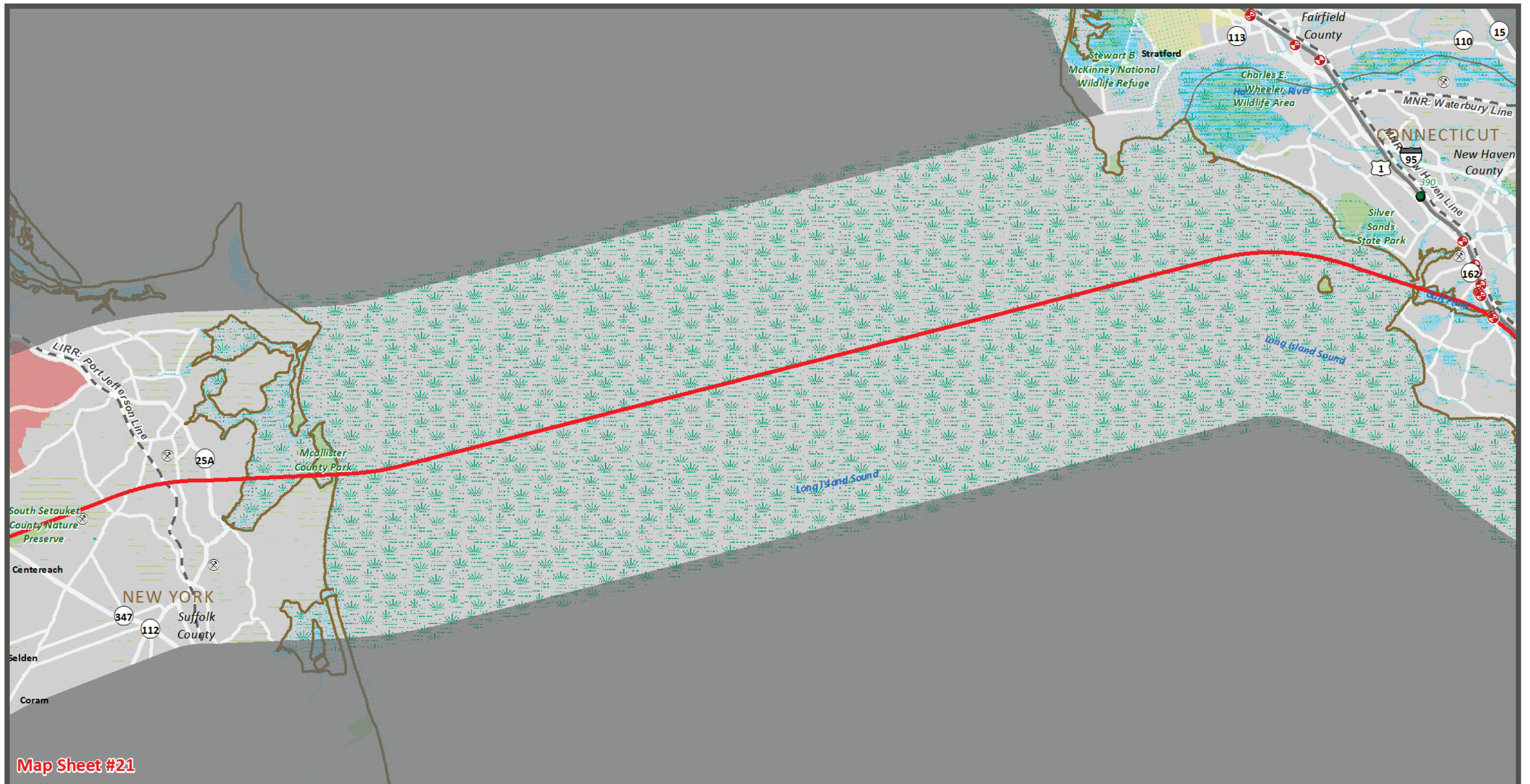
**NEC FUTURE**

RESOURCE CONCENTRATIONS

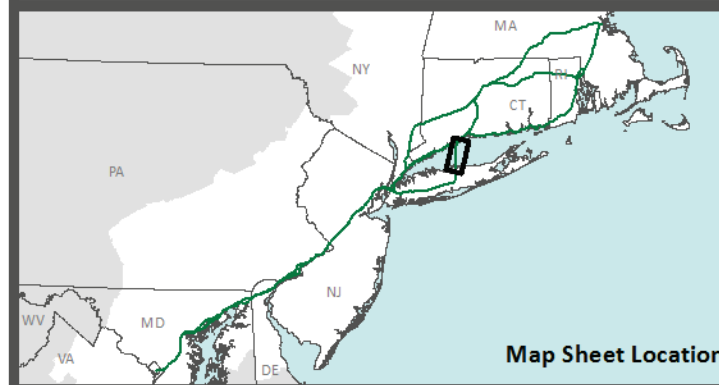
ALTERNATIVE 3

Suffolk County, NY





Map Sheet #21



Map Sheet Location

Existing NEC (Present in all Action Alternatives)	Milepost: Existing NEC	Parks and Recreation
<b>New Segment</b>	Major Hub Station	Water
Alternative 1	Geologic Resource	EJ - Minority and Low Income
Alternative 2	Cultural Resource (and total)	EJ - Minority
<b>Alternative 3</b>	Hazardous Material (H-P)	EJ - Low Income
Washington, D.C. to New York	Commuter Rail	Airport (Large/Medium Hub)
New York to Hartford via Central Connecticut	Stream	Map Inset
New York to Hartford via Long Island	Wetlands	County Boundary
Hartford to Boston via Providence	Floodplain	State Boundary
Hartford to Boston via Worcester	Terrestrial ESH	
Alternative 3: Modifications to Existing NEC	Aquatic ESH	

Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

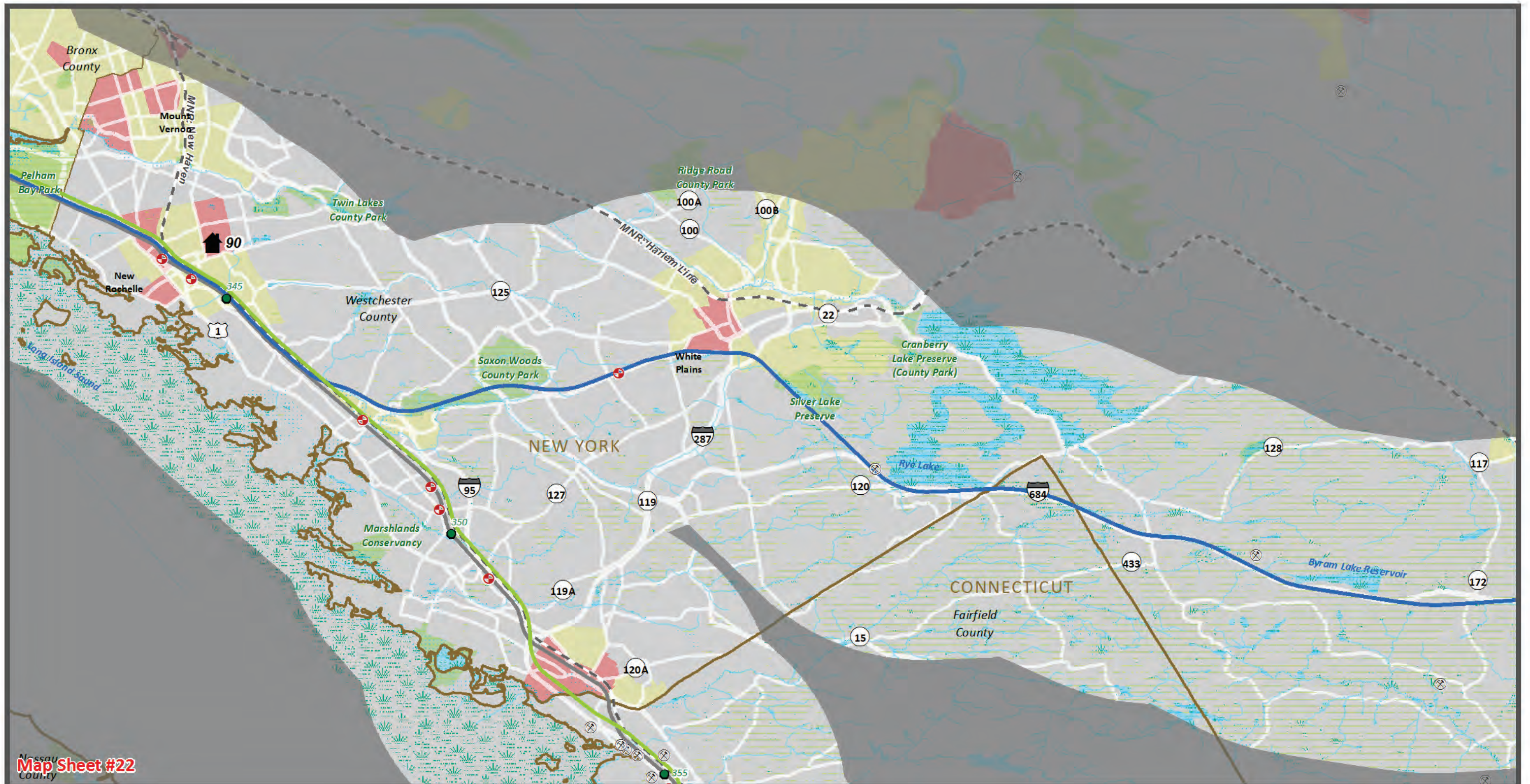
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**NEC FUTURE**

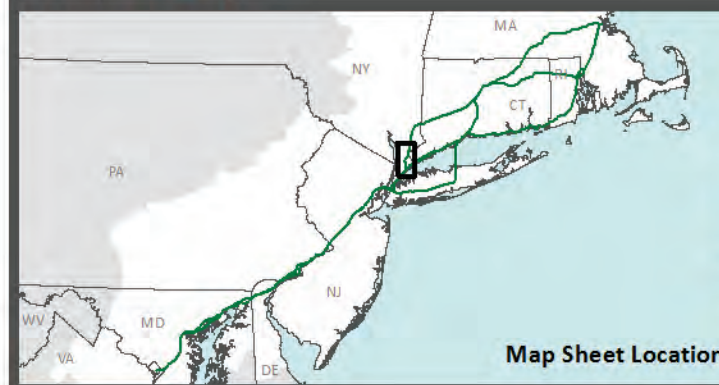
**RESOURCE CONCENTRATIONS**

**ALTERNATIVE 3**

Suffolk County, NY; Long Island Sound



Map Sheet #22



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

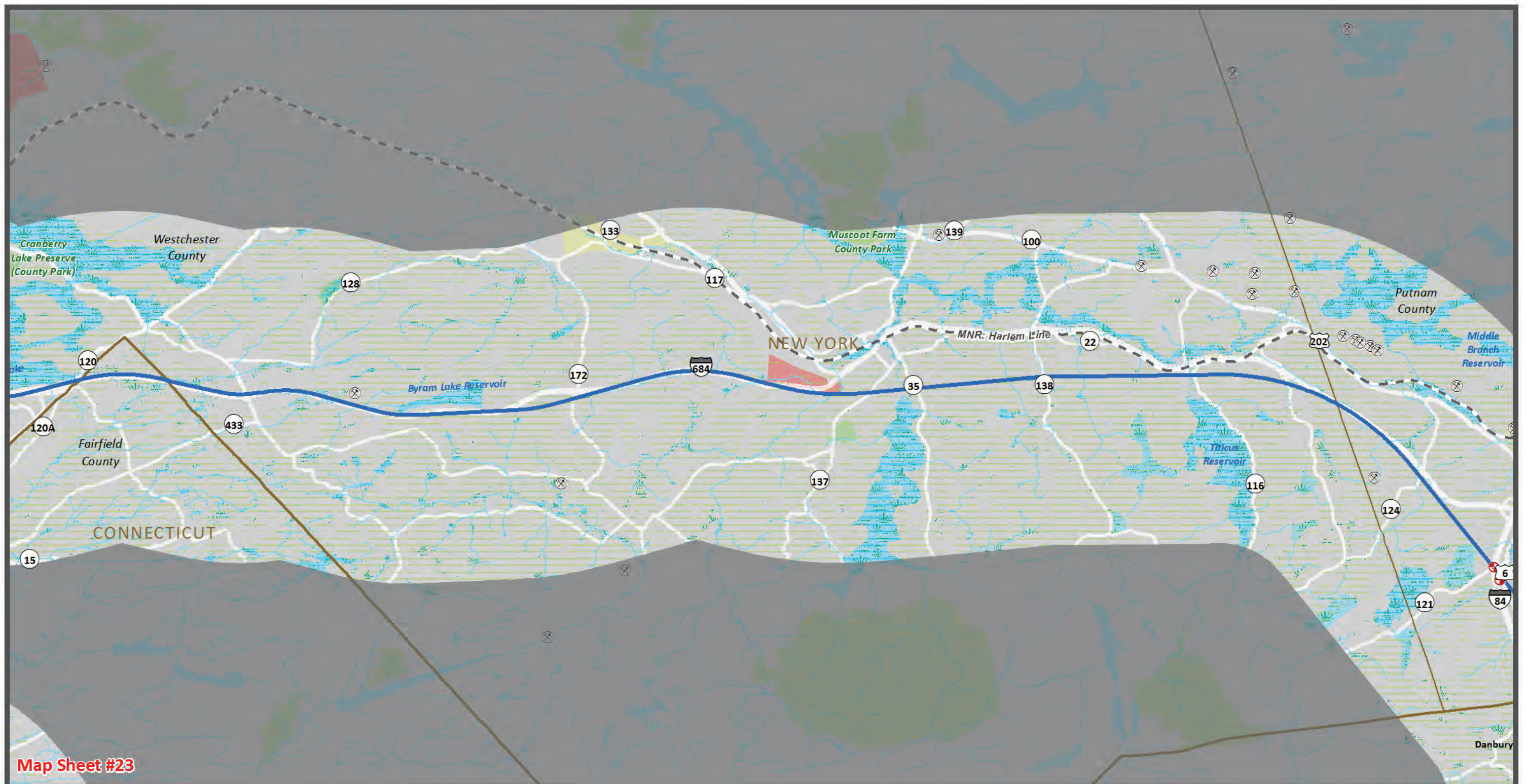
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**NEC FUTURE**

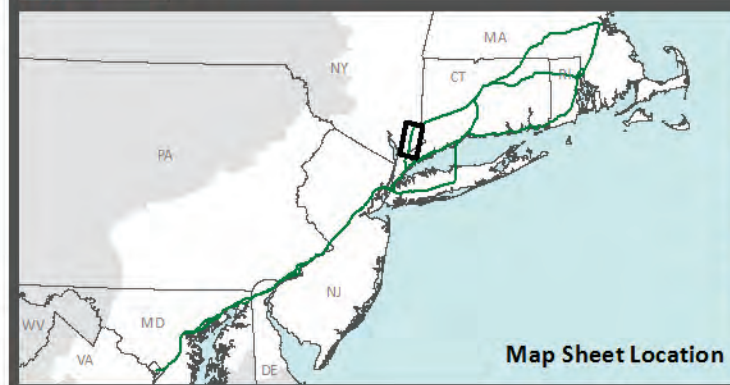
**RESOURCE CONCENTRATIONS**

**ALTERNATIVE 3**

Westchester County, NY



Map Sheet #23



Map Sheet Location

<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

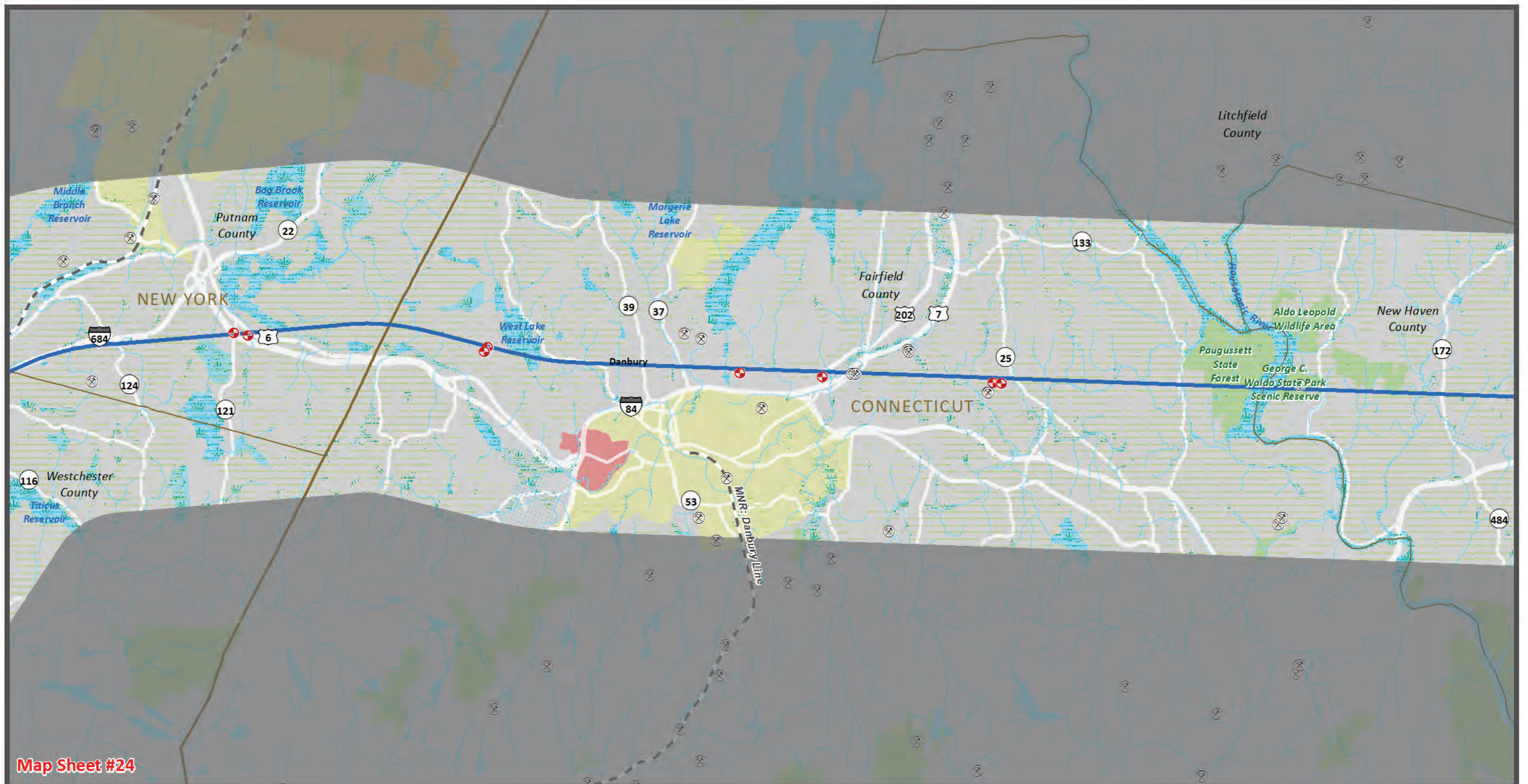
0 0.5 1 Mile

**NEC FUTURE**

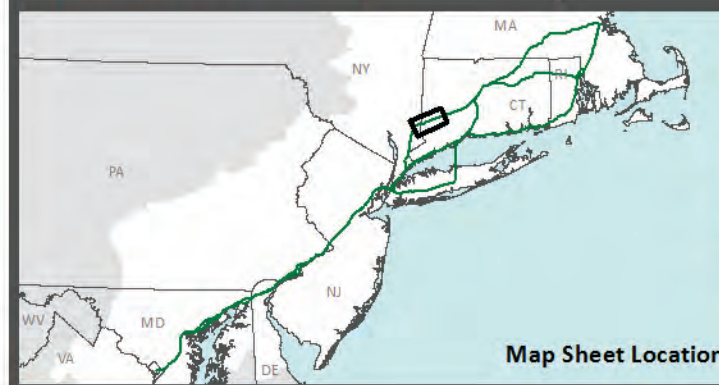
RESOURCE CONCENTRATIONS

ALTERNATIVE 3

Westchester County, NY



Map Sheet #24



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

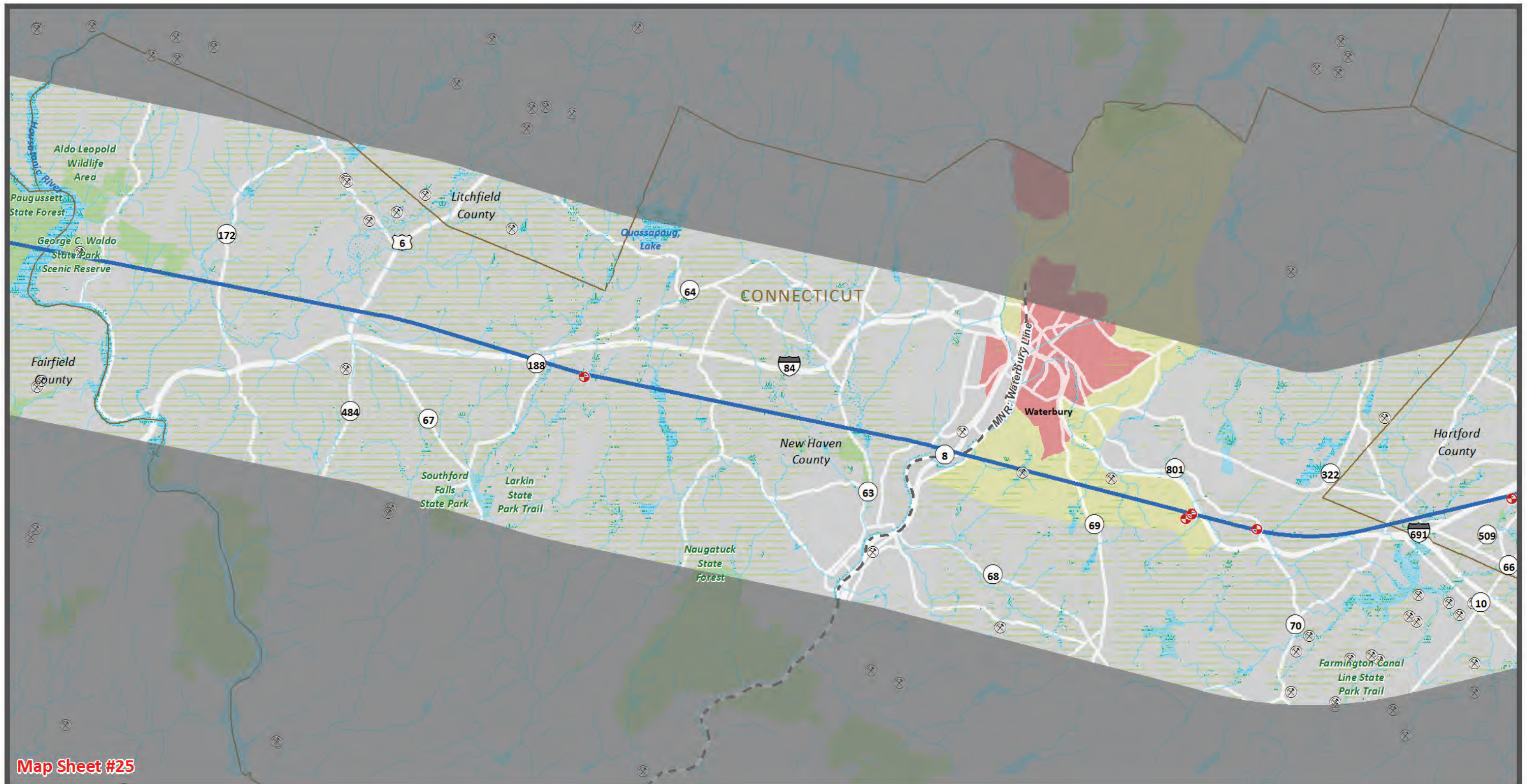
0 0.5 1 Mile

**NEC FUTURE**

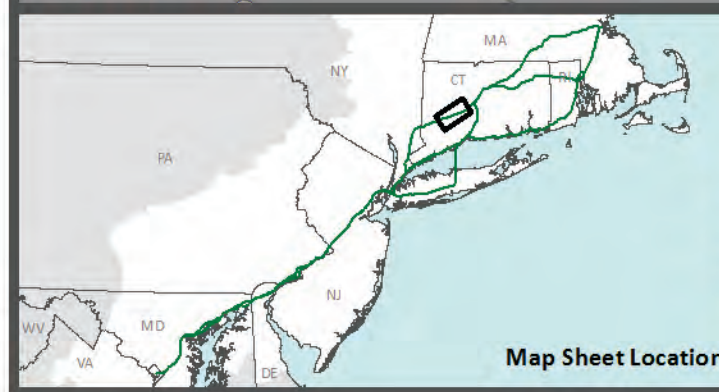
RESOURCE CONCENTRATIONS

ALTERNATIVE 3

Fairfield County, CT



Map Sheet #25



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

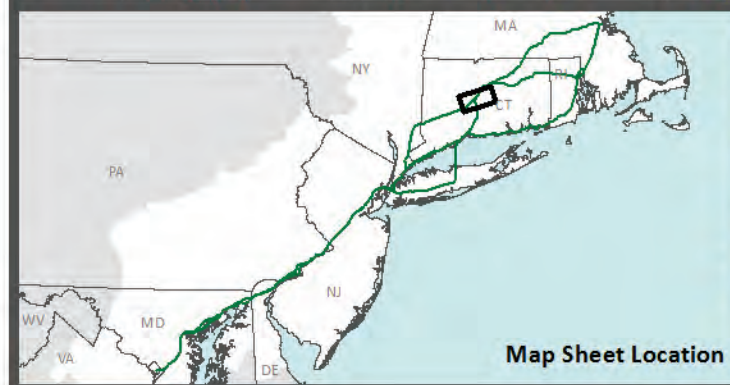
0 0.5 1 Mile

**NEC FUTURE**

RESOURCE CONCENTRATIONS

ALTERNATIVE 3

New Haven County, CT



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

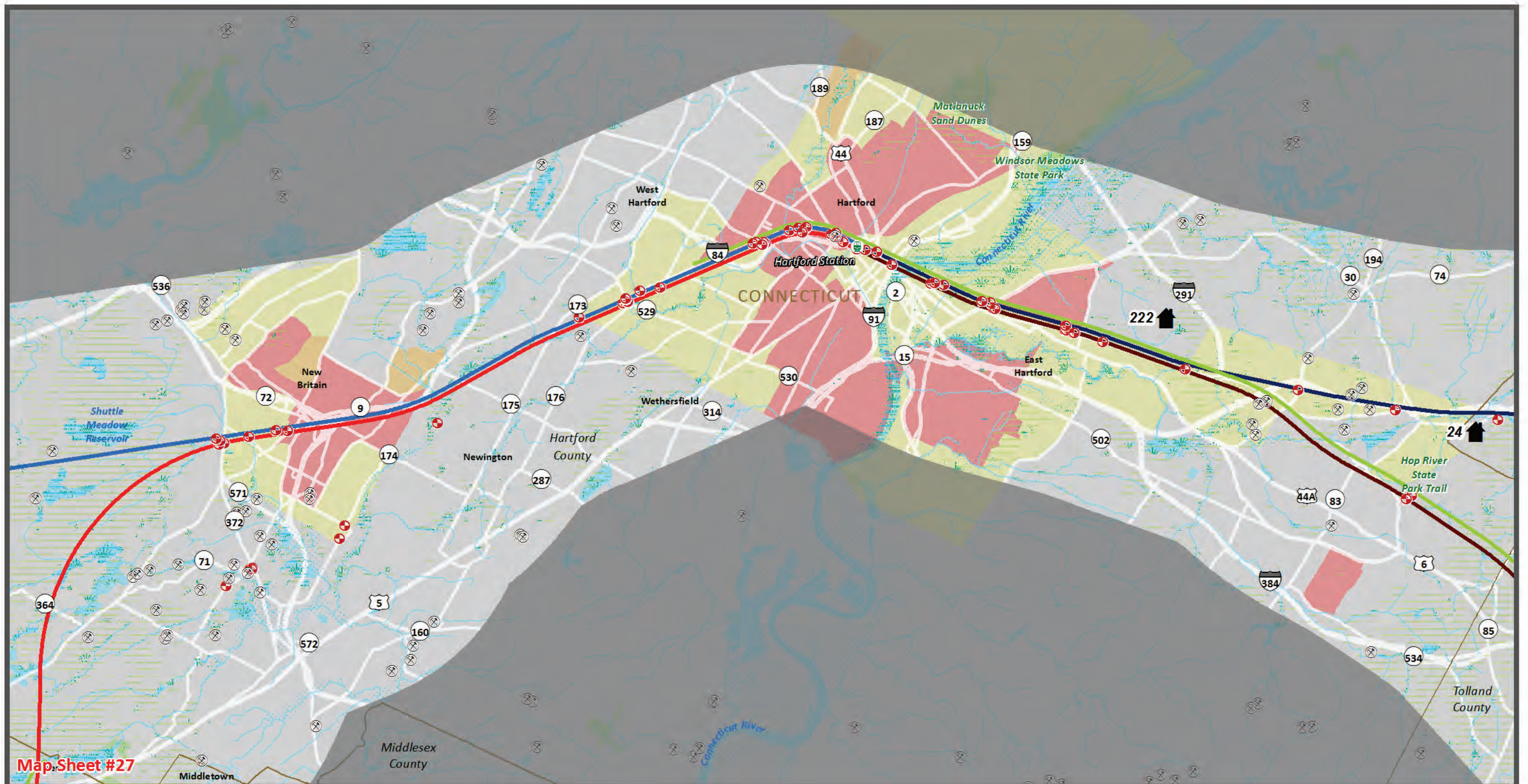
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**NEC FUTURE**

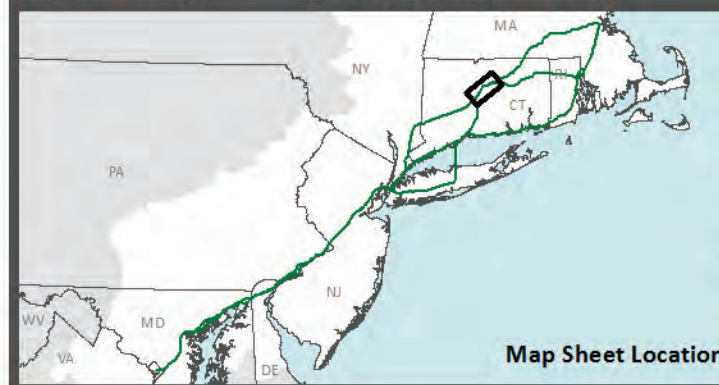
**RESOURCE CONCENTRATIONS**

**ALTERNATIVES 2, 3**

Hartford County, CT



Map Sheet #27



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

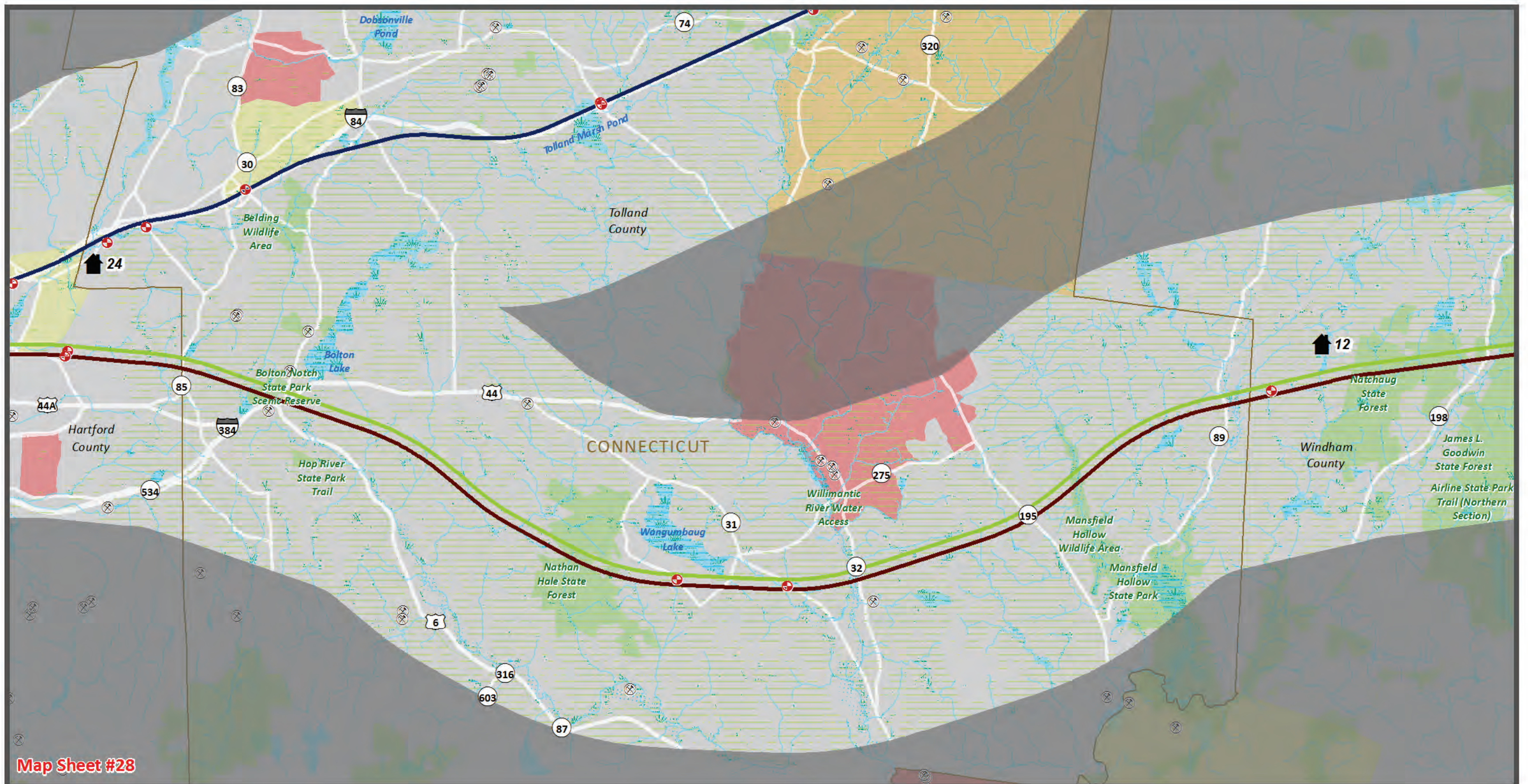
0 0.5 1 Mile

**NEC FUTURE**

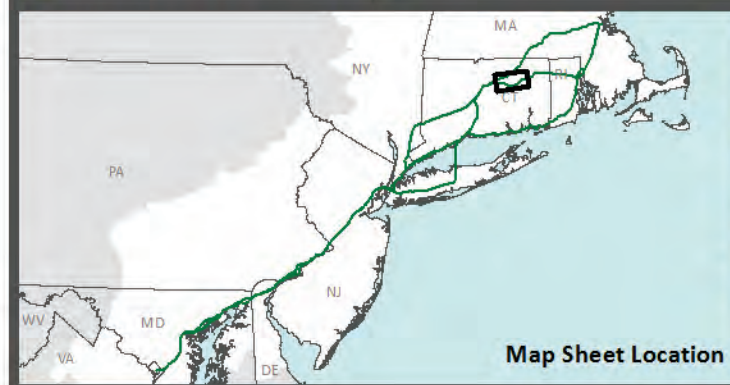
**RESOURCE CONCENTRATIONS**

**ALTERNATIVES 2, 3**

Hartford County, CT



Map Sheet #28



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

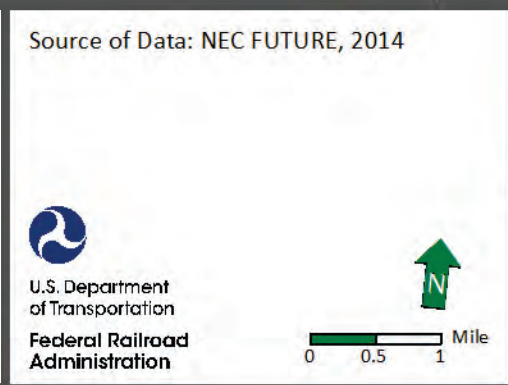
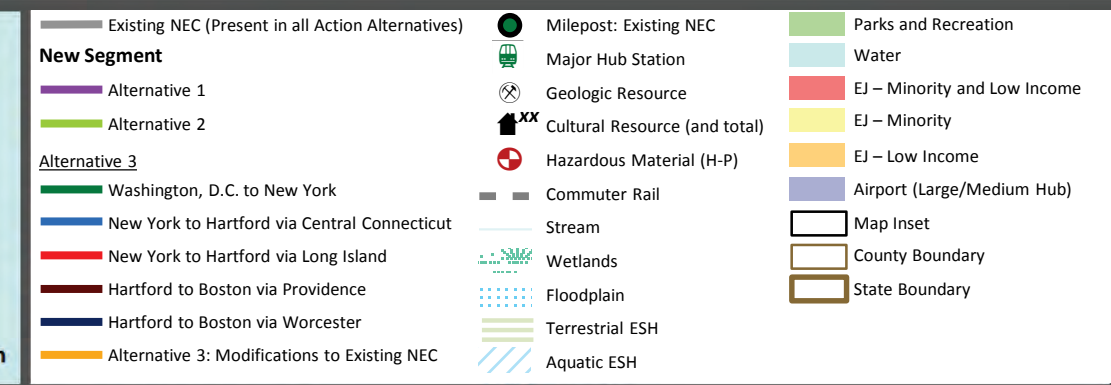
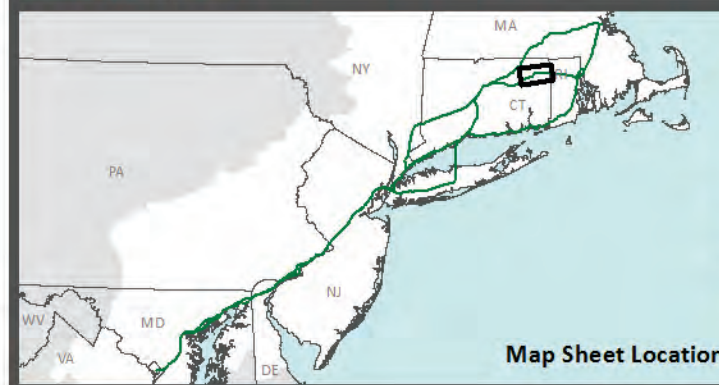
U.S. Department of Transportation  
Federal Railroad Administration

0 0.5 1 Mile

**NEC FUTURE**

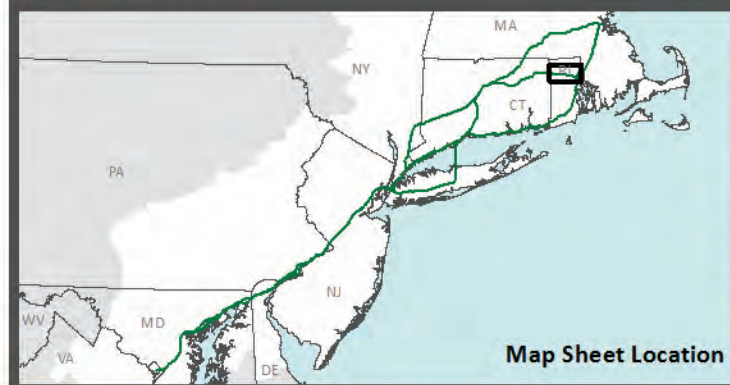
RESOURCE CONCENTRATIONS  
ALTERNATIVES 2, 3  
Tolland County, CT







Map Sheet #30



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

0 0.5 1 Mile

**NEC FUTURE**

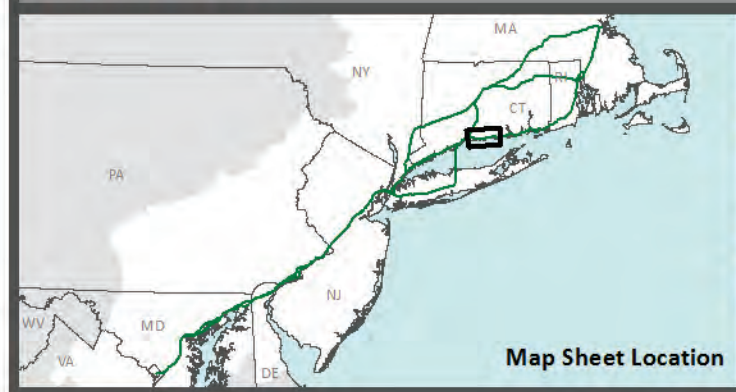
**RESOURCE CONCENTRATIONS**

**ALTERNATIVES 1, 2, 3**

Providence County, RI



Map Sheet #31



Existing NEC (Present in all Action Alternatives)	Milepost: Existing NEC	Parks and Recreation
<b>New Segment</b>	Major Hub Station	Water
Alternative 1	Geologic Resource	EJ - Minority and Low Income
Alternative 2	Cultural Resource (and total)	EJ - Minority
<b>Alternative 3</b>	Hazardous Material (H-P)	EJ - Low Income
Washington, D.C. to New York	Commuter Rail	Airport (Large/Medium Hub)
New York to Hartford via Central Connecticut	Stream	Map Inset
New York to Hartford via Long Island	Wetlands	County Boundary
Hartford to Boston via Providence	Floodplain	State Boundary
Hartford to Boston via Worcester	Terrestrial ESH	
Alternative 3: Modifications to Existing NEC	Aquatic ESH	

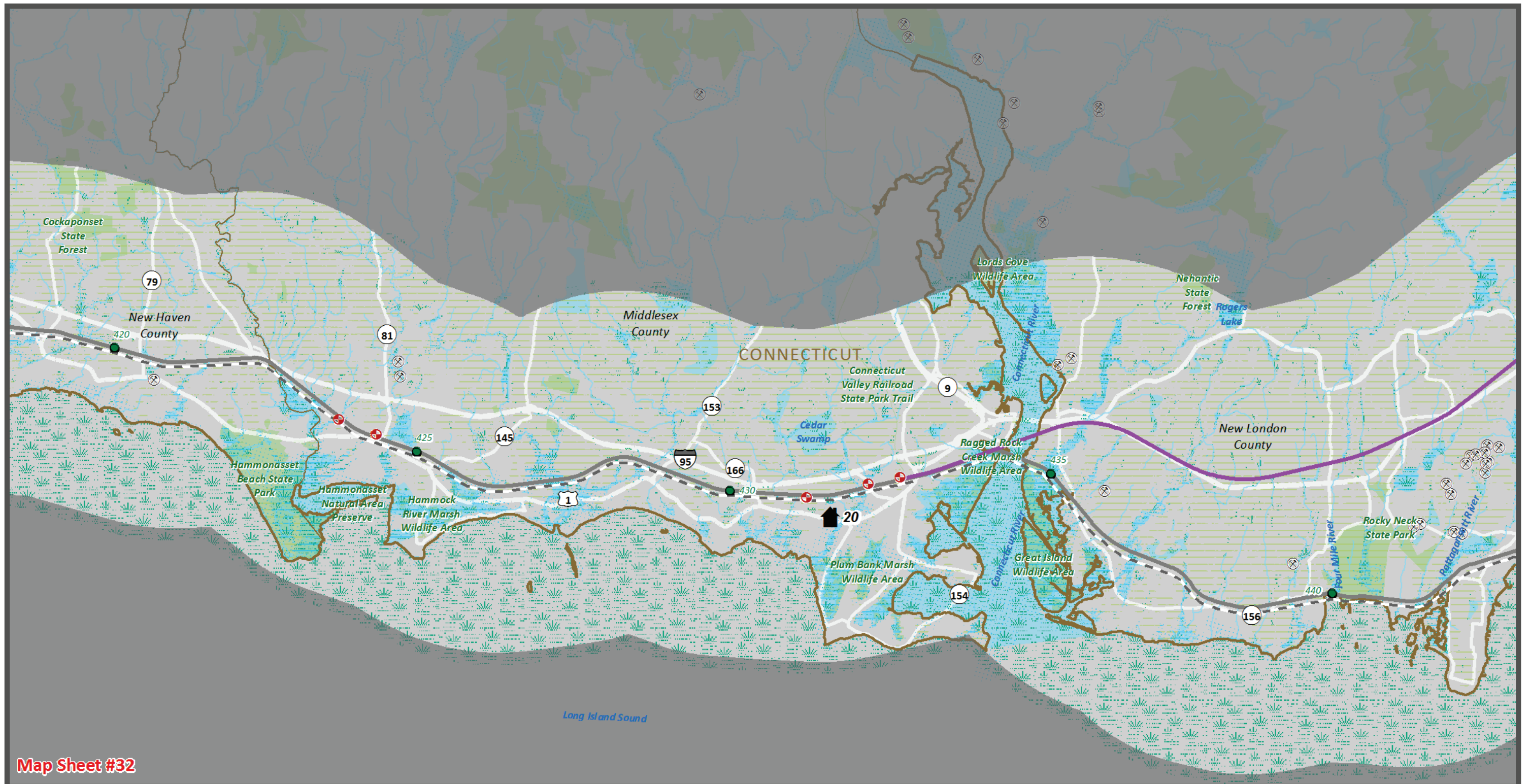
Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

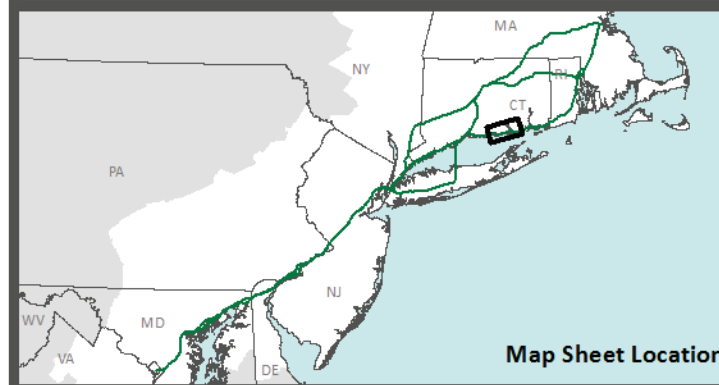
0 0.5 1 Mile

**NEC FUTURE**

RESOURCE CONCENTRATIONS  
ALTERNATIVES 1, 2, 3  
New Haven County, CT



Map Sheet #32



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

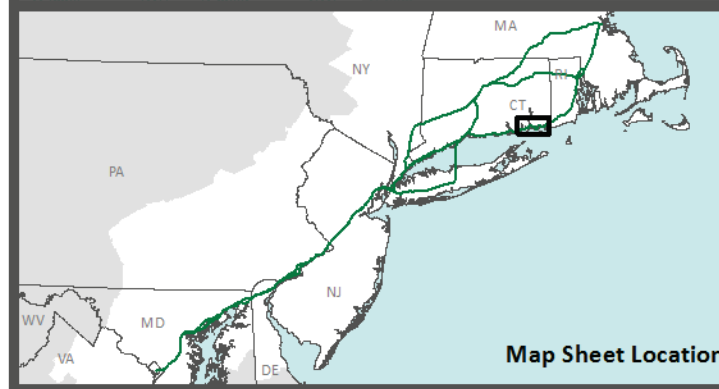
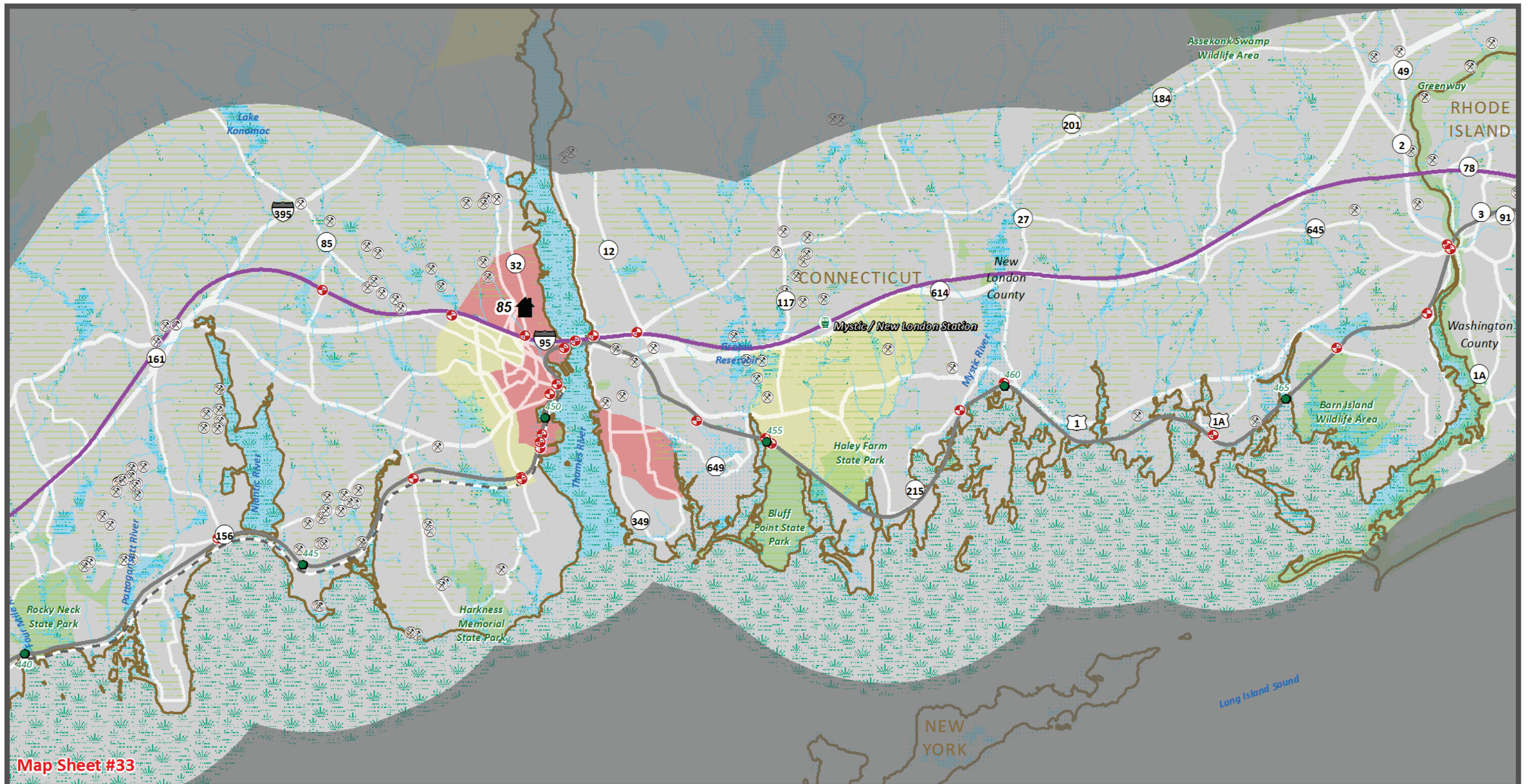
0 0.5 1 Mile

**NEC FUTURE**

**RESOURCE CONCENTRATIONS**

**ALTERNATIVES 1, 2, 3**

Middlesex, New London County, CT



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

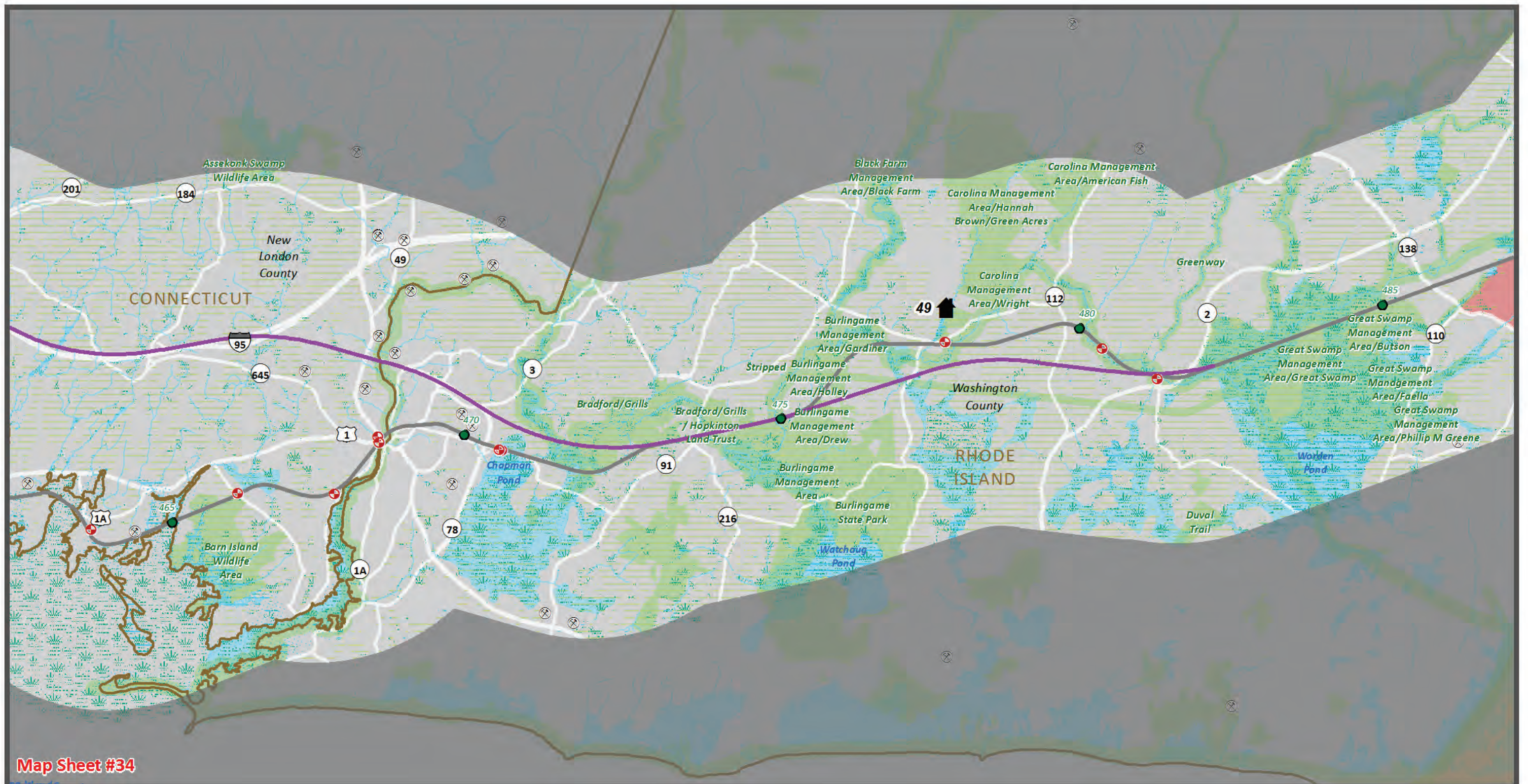
U.S. Department of Transportation  
Federal Railroad Administration

**NEC FUTURE**

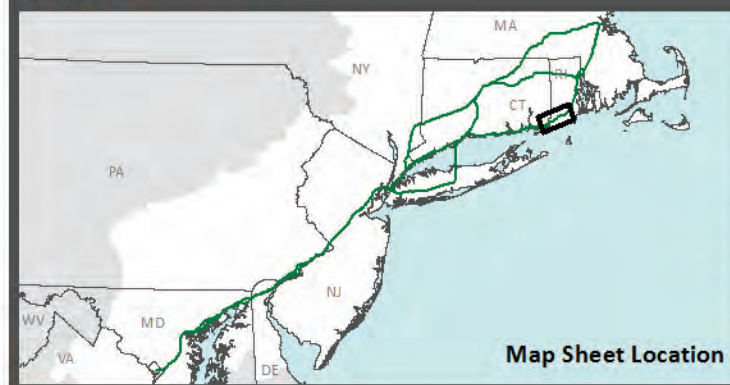
**RESOURCE CONCENTRATIONS**

**ALTERNATIVES 1, 2, 3**

New London County, CT



Map Sheet #34



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

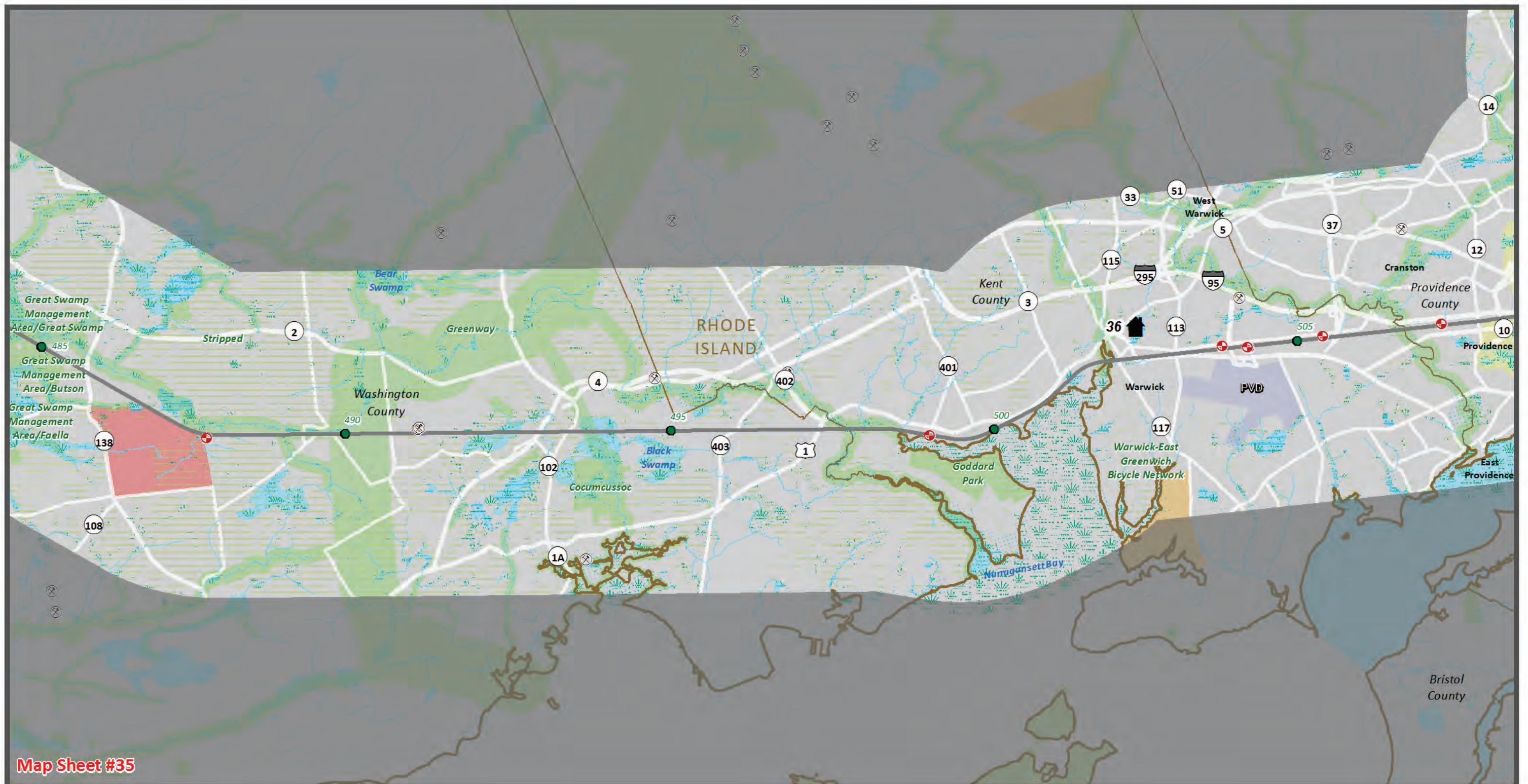
0 0.5 1 Mile

**NEC FUTURE**

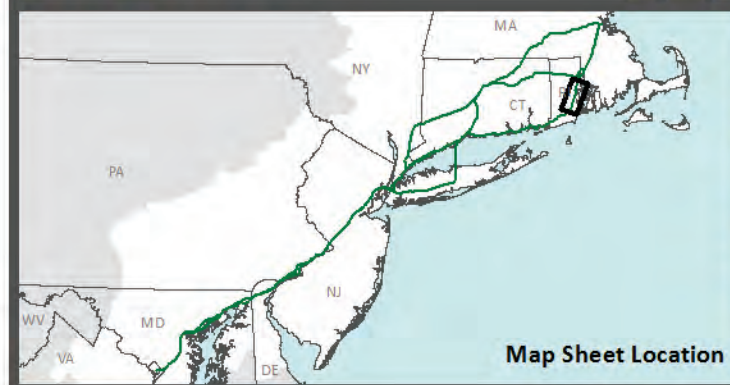
RESOURCE CONCENTRATIONS

ALTERNATIVES 1, 2, 3

Washington County, RI



Map Sheet #35



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

0 0.5 1 Mile

**NEC FUTURE**

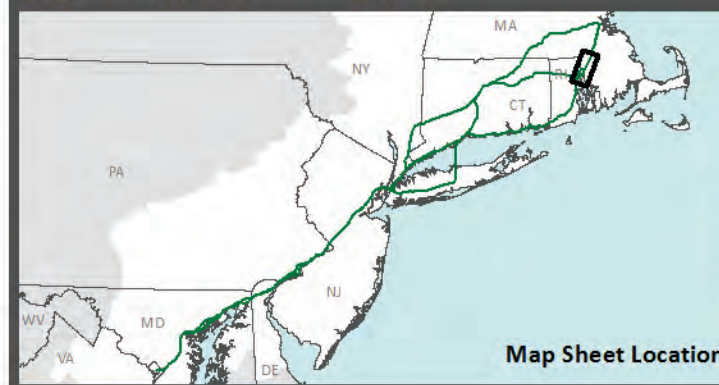
**RESOURCE CONCENTRATIONS**

**ALTERNATIVES 1, 2, 3**

Washington, Kent County, RI



Map Sheet #36



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

0 0.5 1 Mile

**NEC FUTURE**

**RESOURCE CONCENTRATIONS**

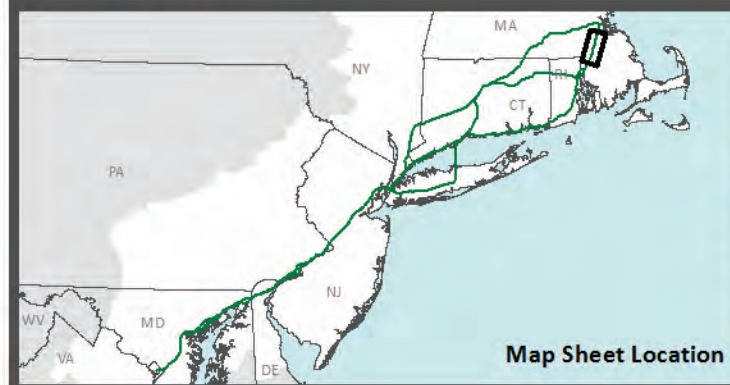
**ALTERNATIVES 1, 2, 3**

Providence County, RI; Bristol County, MA





Map Sheet #37



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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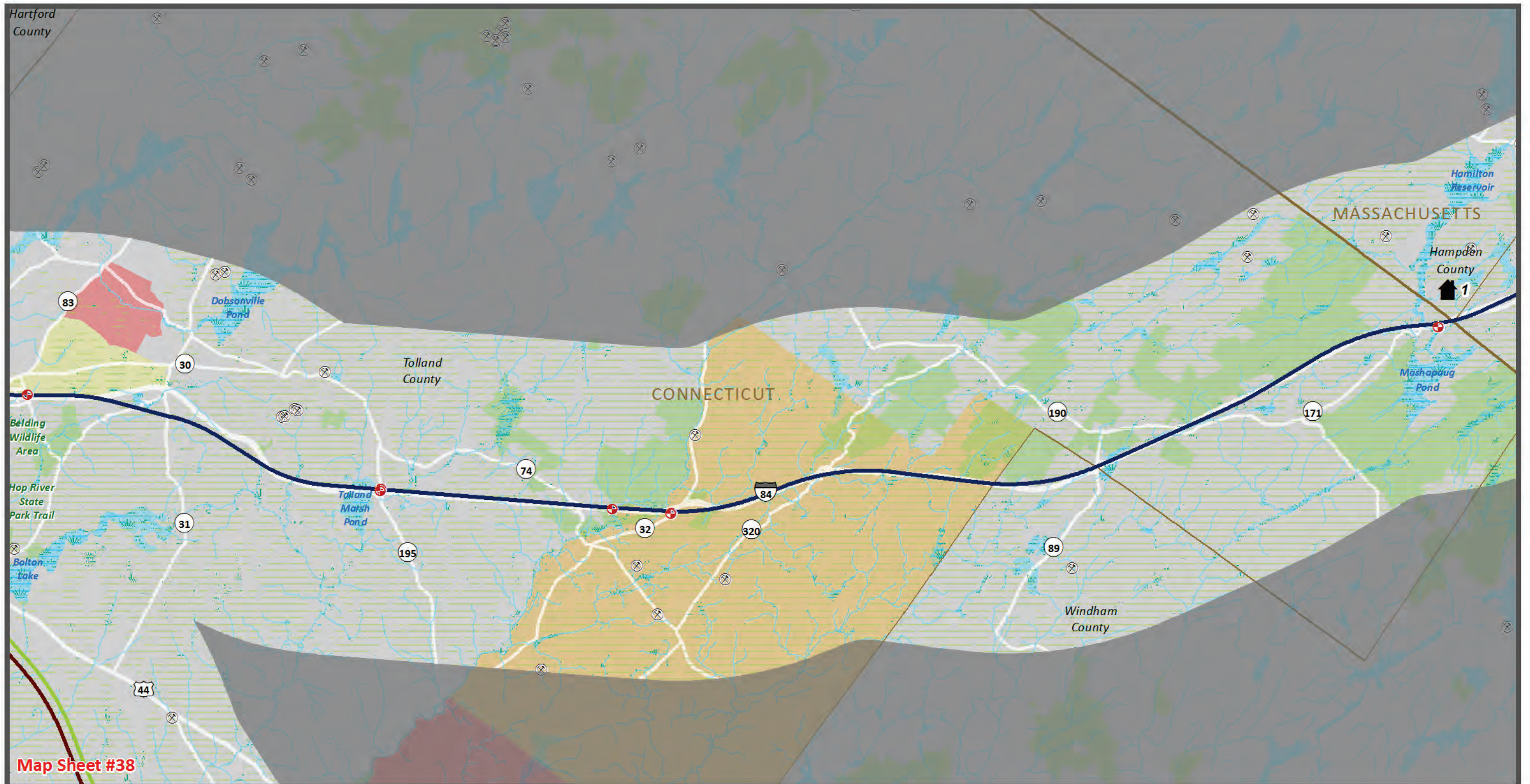
Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

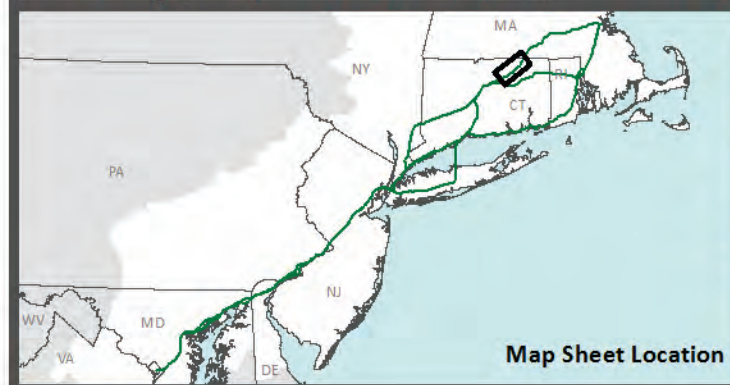
0 0.5 1 Mile

**NEC FUTURE**

RESOURCE CONCENTRATIONS  
ALTERNATIVES 1, 2, 3  
Norfolk County, MA



Map Sheet #38



Map Sheet Location

<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

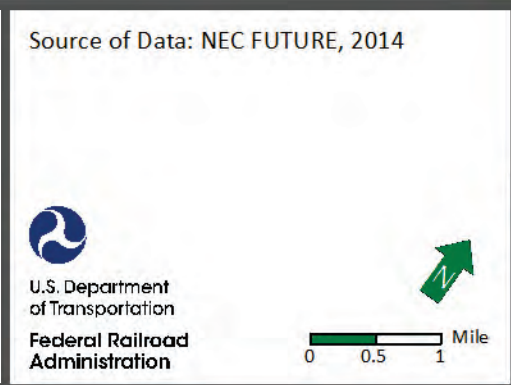
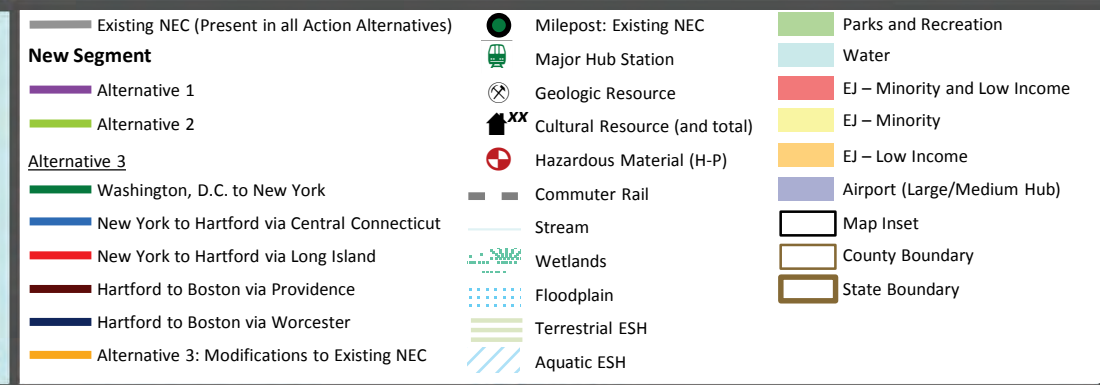
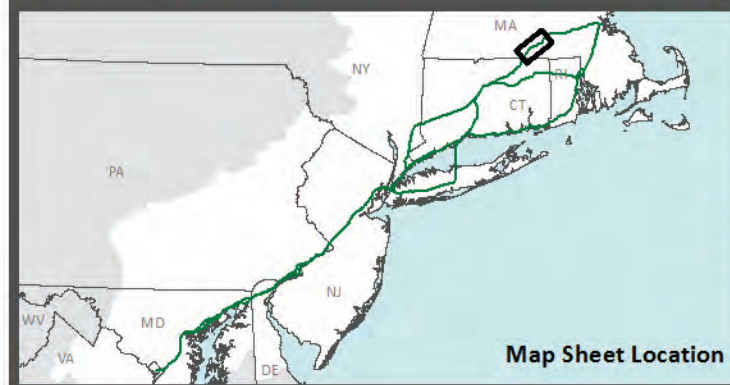
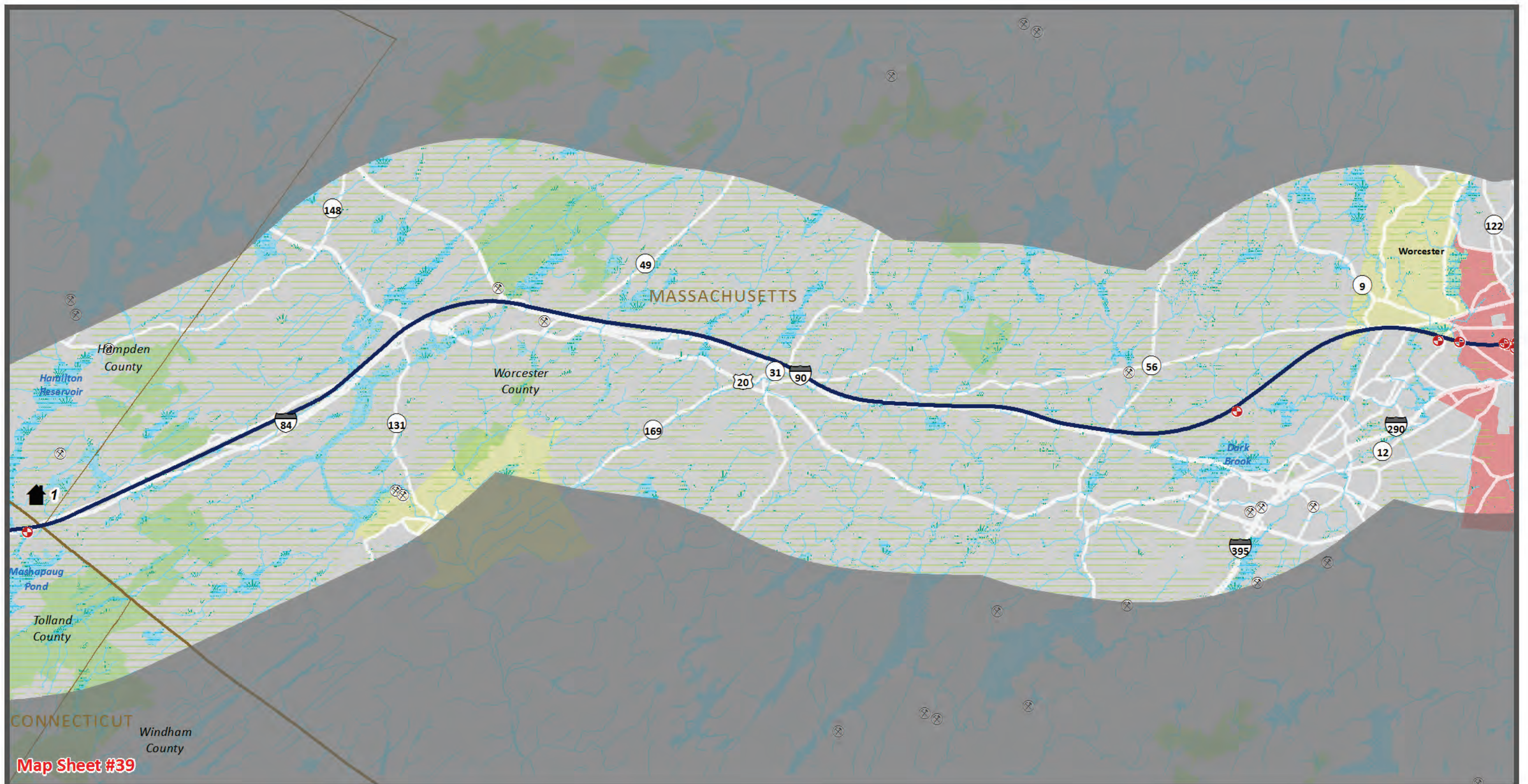
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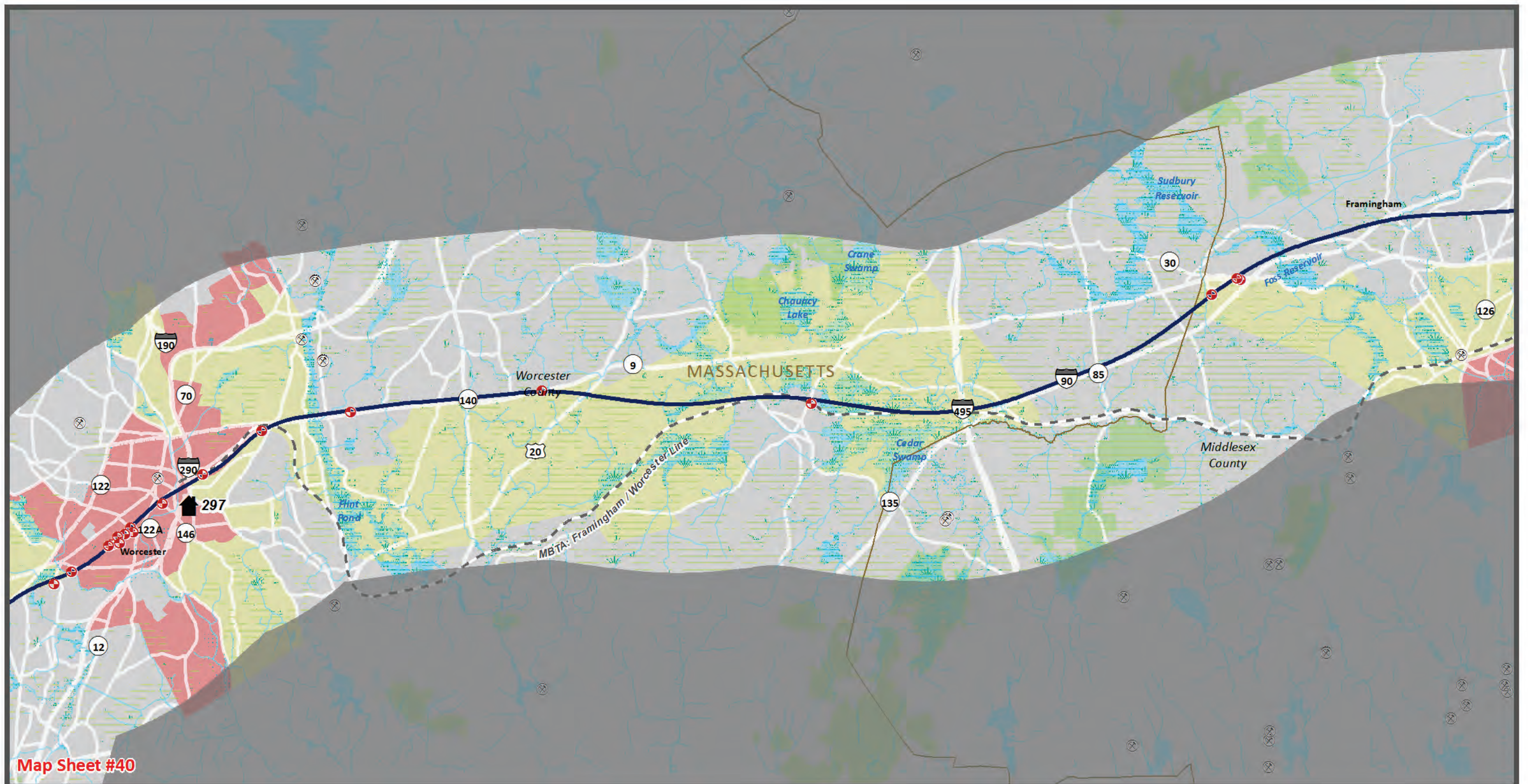
**NEC FUTURE**

RESOURCE CONCENTRATIONS

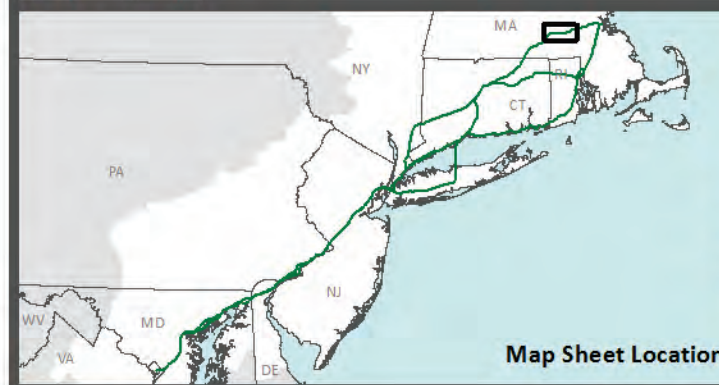
ALTERNATIVE 3

Tolland County, CT





Map Sheet #40



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

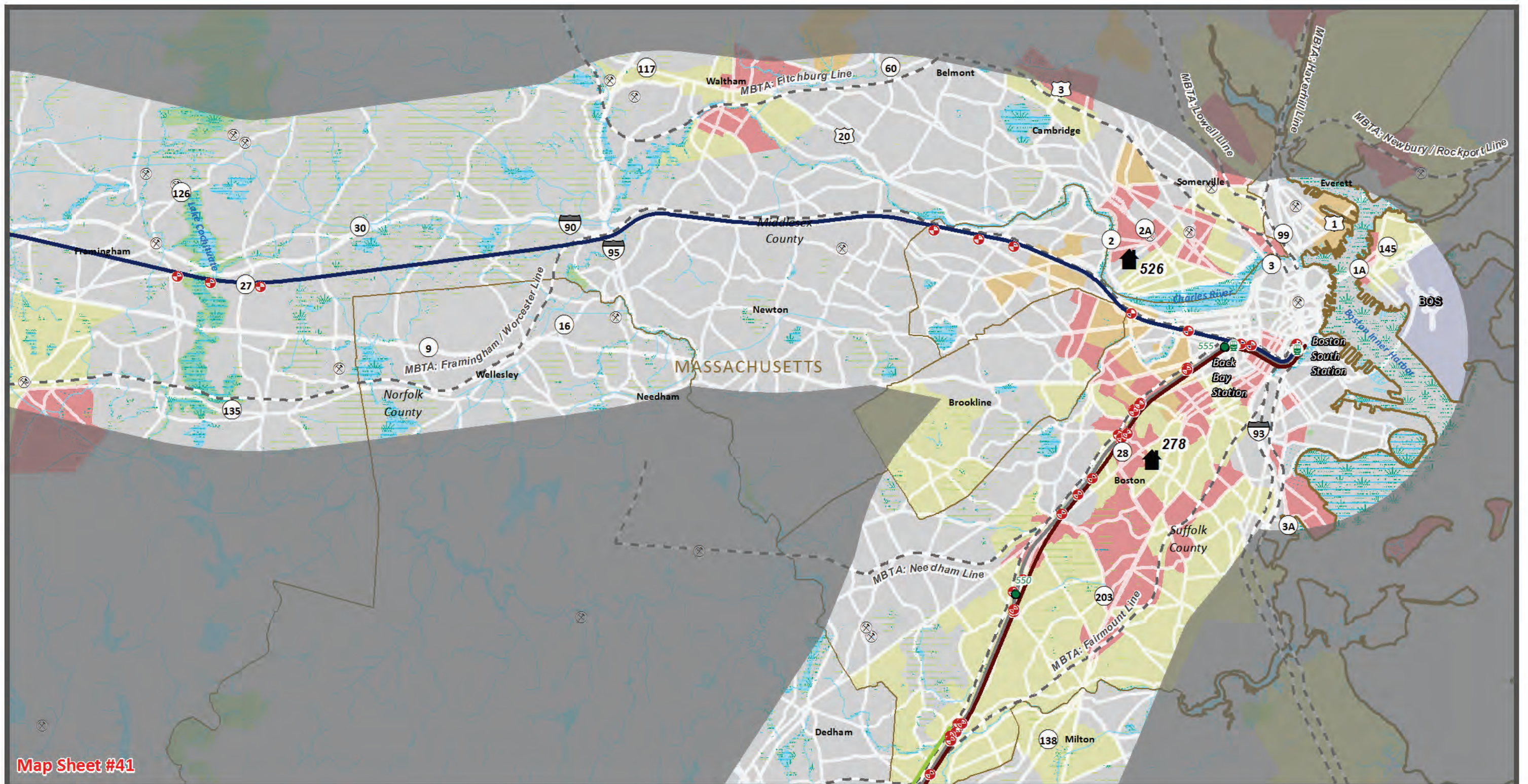
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**NEC FUTURE**

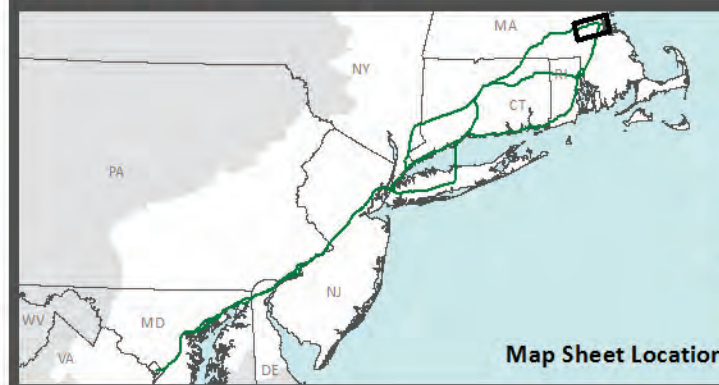
**RESOURCE CONCENTRATIONS**

**ALTERNATIVE 3**

Worcester, Middlesex County, MA



Map Sheet #41



<ul style="list-style-type: none"> <li>Existing NEC (Present in all Action Alternatives)</li> <li><b>New Segment</b></li> <li>Alternative 1</li> <li>Alternative 2</li> <li><b>Alternative 3</b></li> <li>Washington, D.C. to New York</li> <li>New York to Hartford via Central Connecticut</li> <li>New York to Hartford via Long Island</li> <li>Hartford to Boston via Providence</li> <li>Hartford to Boston via Worcester</li> <li>Alternative 3: Modifications to Existing NEC</li> </ul>	<ul style="list-style-type: none"> <li>Milepost: Existing NEC</li> <li>Major Hub Station</li> <li>Geologic Resource</li> <li>Cultural Resource (and total)</li> <li>Hazardous Material (H-P)</li> <li>Commuter Rail</li> <li>Stream</li> <li>Wetlands</li> <li>Floodplain</li> <li>Terrestrial ESH</li> <li>Aquatic ESH</li> </ul>	<ul style="list-style-type: none"> <li>Parks and Recreation</li> <li>Water</li> <li>EJ - Minority and Low Income</li> <li>EJ - Minority</li> <li>EJ - Low Income</li> <li>Airport (Large/Medium Hub)</li> <li>Map Inset</li> <li>County Boundary</li> <li>State Boundary</li> </ul>
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Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

0 0.5 1 Mile

**NEC FUTURE**

**RESOURCE CONCENTRATIONS**

ALTERNATIVES 1, 2, 3

Middlesex, Norfolk, Suffolk County, MA

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TIER 1 DRAFT ENVIRONMENTAL IMPACT STATEMENT  
APPENDIX A, MAPPING ATLAS

## Part 2 Representative Route Mapping Atlas


















## Map Legend

### Representative Route

#### Construction Type

	Tunnel		Major Hub Station
	Trench		Connecting Corridor
	At-Grade		State Boundary
	Embankment		Interstate Highway
	Aerial Structure		US Highway
	Major Bridge		State/County Highway
			County Boundary

## Index of Map Sheets

Alternative	Sheet #	Regional Location
1	1	Washington, D.C., Maryland, Delaware
1	2	Pennsylvania, New Jersey
1	3	New Jersey, New York, Connecticut
1	4	New York, Connecticut, Rhode Island
1	5	Connecticut, Rhode Island, Massachusetts
2	1	Washington, D.C., Maryland, Delaware
2	2	Pennsylvania, New Jersey
2	3	New Jersey, New York, Connecticut
2	4	New York, Connecticut, Rhode Island
2	5	Connecticut, Rhode Island, Massachusetts
3	1	Washington, D.C., Maryland, Delaware
3	2	Pennsylvania, New Jersey
3	3	New Jersey, New York, Connecticut
3	4	New York, Connecticut, Rhode Island
3	5	Connecticut, Rhode Island, Massachusetts

## General Notes

This Mapping Atlas depicts the Representative Route, by construction type, for each Action Alternative presented in the NEC FUTURE Tier 1 DEIS. The Representative Route is inclusive of the existing NEC.

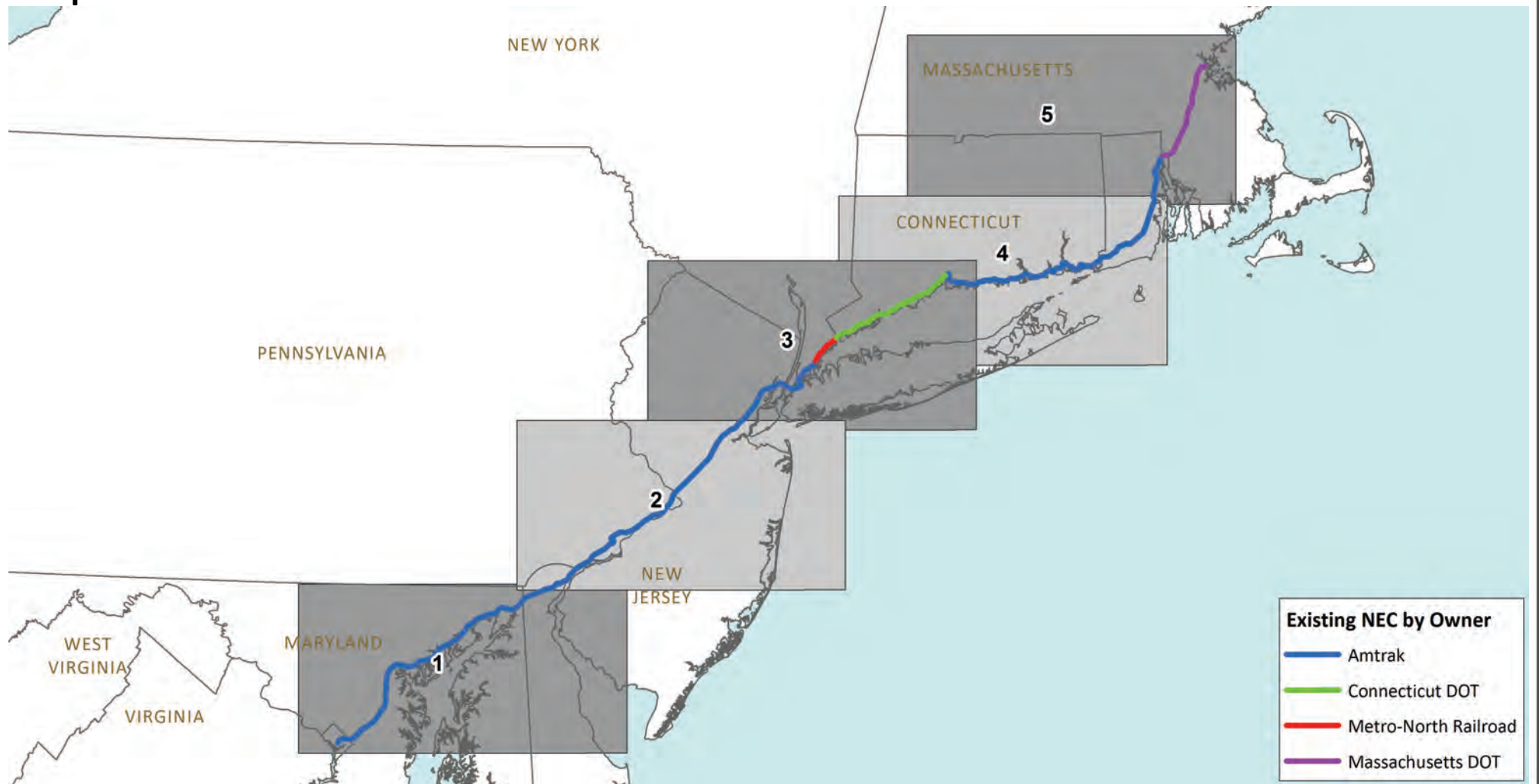
The “Alternative” column in the *Index of Map Sheets* indicates the Action Alternative that is represented in that particular map sheet. The map sheet index presented below is applicable to all three Action Alternatives.

## Existing NEC Ownership

- Amtrak:** Washington Union Station to New Rochelle, NY
- Metro-North Railroad:** New Rochelle, NY to New York/Connecticut state border
- Connecticut DOT:** New York/Connecticut state border to Mill River, east of New Haven Station
- Amtrak:** Mill River to Rhode Island/Massachusetts state border
- Massachusetts:** Rhode Island/Massachusetts state border to Boston South Station

Ownership of the existing NEC is depicted in the Map Sheet Index Below.

## Map Sheet Index



Date	Version Number	Revision
September 15, 2015	1.0	Initial Version to ENV
September 21, 2015	1.1	Response to RAS
September 22, 2015	1.2	Response to FRA/ JV Legal Review (1)
September 28, 2015	1.3	Existing NEC ownership
September 30, 2015	1.4	Appendix Name
	Final Draft version	

Source of Representative Route Data: NEC FUTURE, 2014.

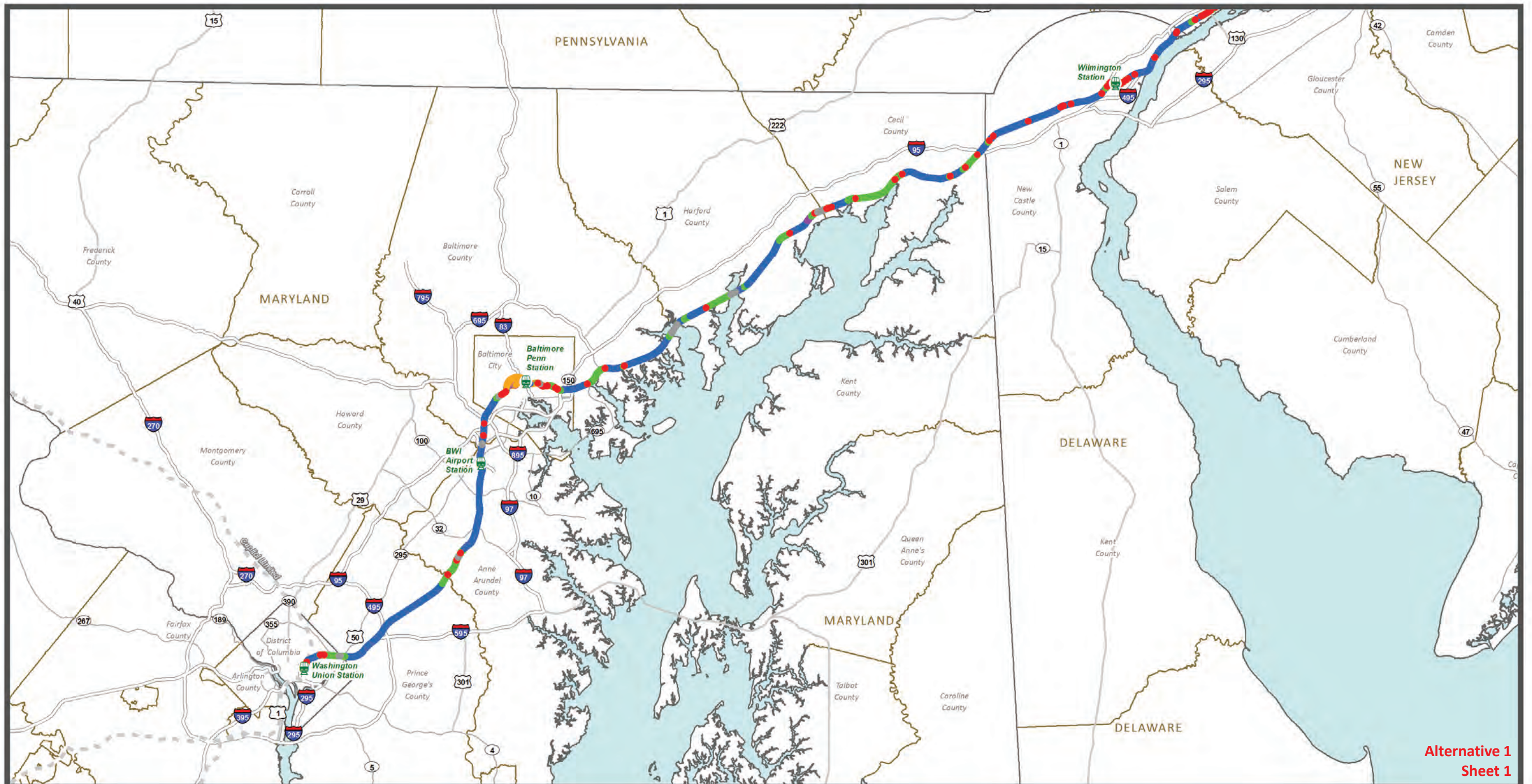


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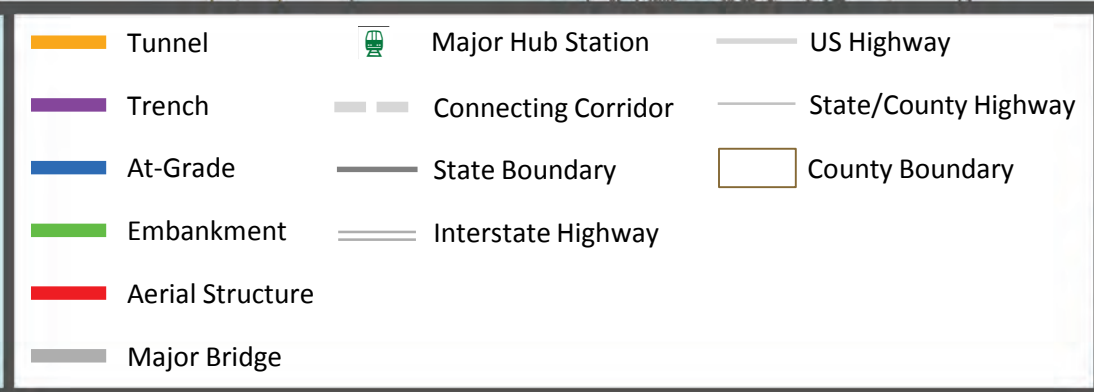
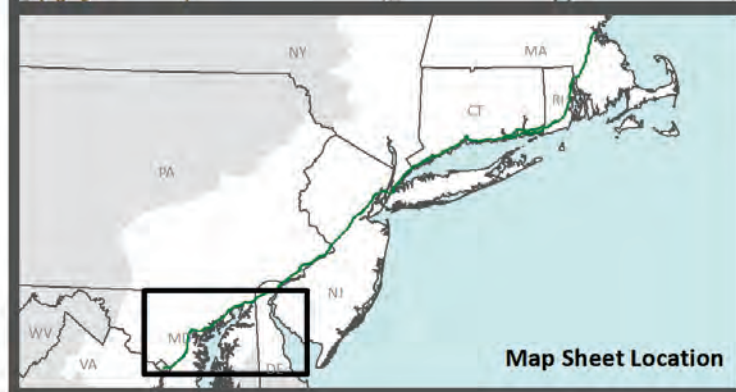
# Alternative 1



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Alternative 1  
Sheet 1



Source of Data: NEC FUTURE, 2014

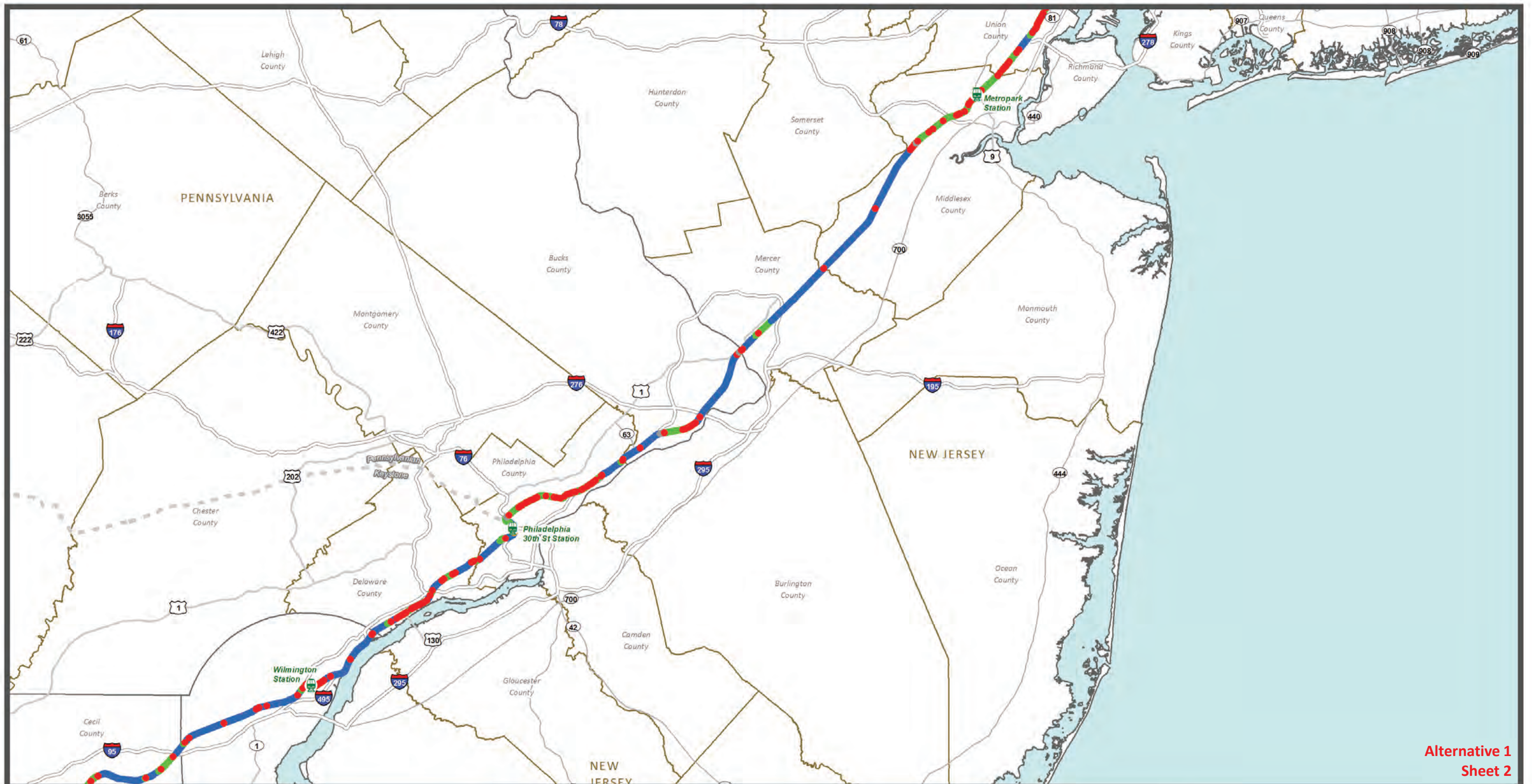
U.S. Department of Transportation  
Federal Railroad Administration

0 4.5 9 Mile

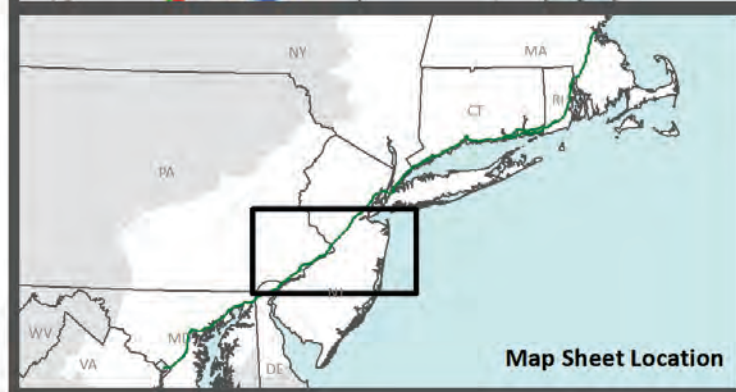
**NEC FUTURE**

**REPRESENTATIVE ROUTE**  
**ALTERNATIVE 1**

Regional Location: Washington, D.C., Maryland, Delaware



Alternative 1  
Sheet 2



Tunnel	Major Hub Station	US Highway
Trench	Connecting Corridor	State/County Highway
At-Grade	State Boundary	County Boundary
Embankment	Interstate Highway	
Aerial Structure		
Major Bridge		

Source of Data: NEC FUTURE, 2014

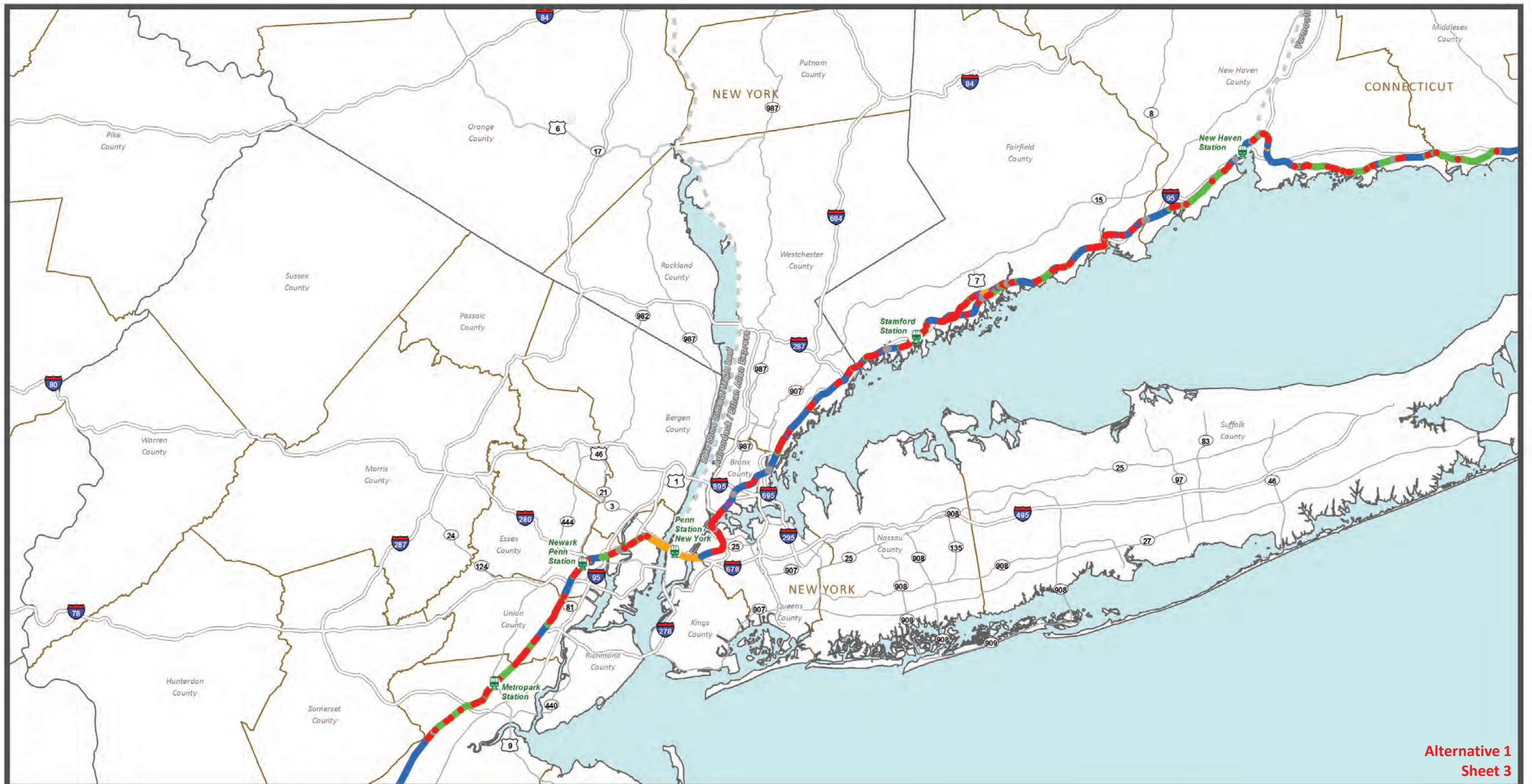
U.S. Department of Transportation  
Federal Railroad Administration

0 4.5 9 Mile

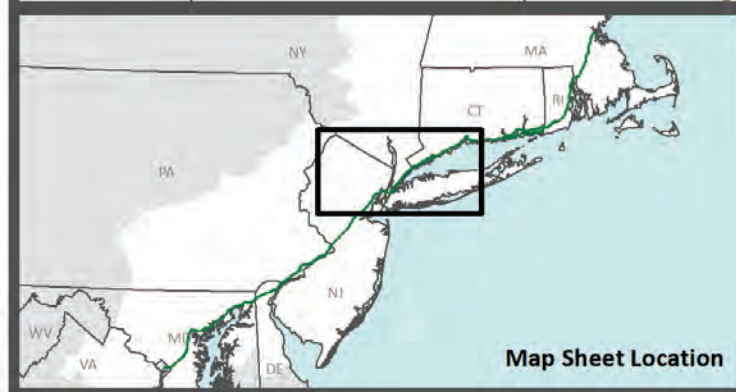
**NEC FUTURE**

**REPRESENTATIVE ROUTE**  
**ALTERNATIVE 1**

Regional Location: Pennsylvania, New Jersey



Alternative 1  
Sheet 3



Tunnel	Major Hub Station	US Highway
Trench	Connecting Corridor	State/County Highway
At-Grade	State Boundary	County Boundary
Embankment	Interstate Highway	
Aerial Structure		
Major Bridge		

Source of Data: NEC FUTURE, 2014

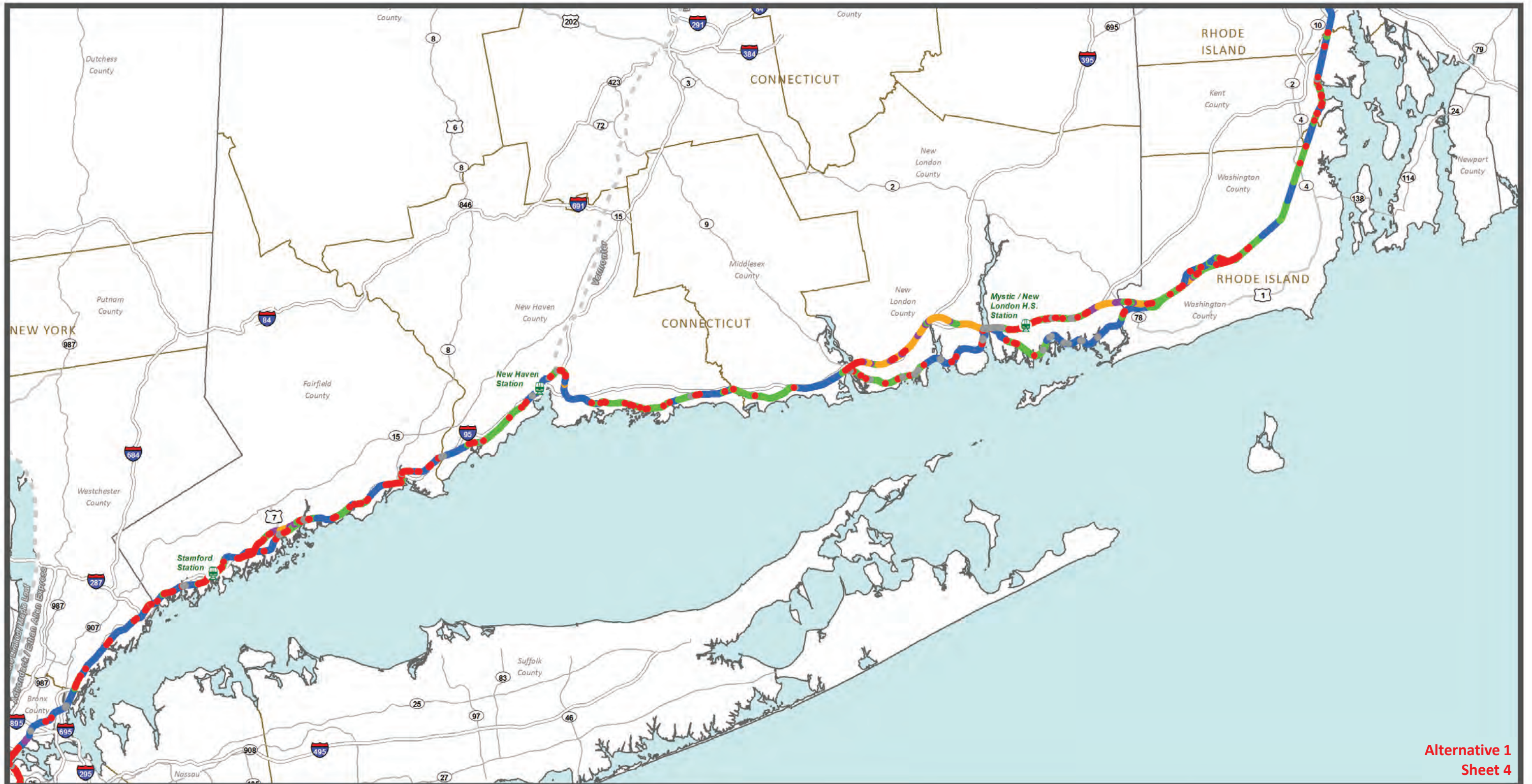
U.S. Department of Transportation  
Federal Railroad Administration

0 4.5 9 Mile

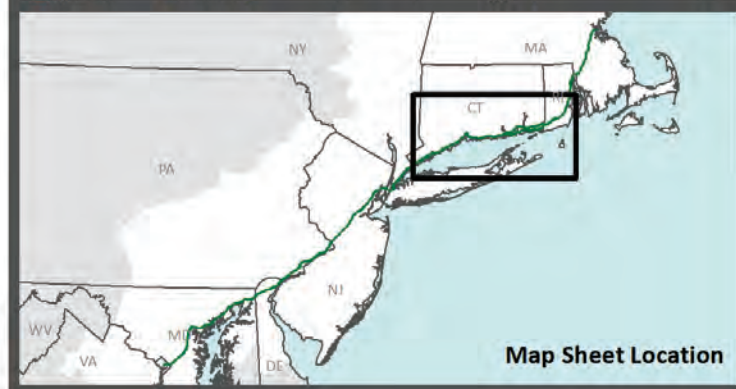
**NEC FUTURE**

**REPRESENTATIVE ROUTE**  
**ALTERNATIVE 1**

Regional Location: New Jersey, New York, Connecticut



Alternative 1  
Sheet 4



Tunnel	Major Hub Station	US Highway
Trench	Connecting Corridor	State/County Highway
At-Grade	State Boundary	County Boundary
Embankment	Interstate Highway	
Aerial Structure		
Major Bridge		

Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

0 4.5 9 Mile

**NEC  
FUTURE**

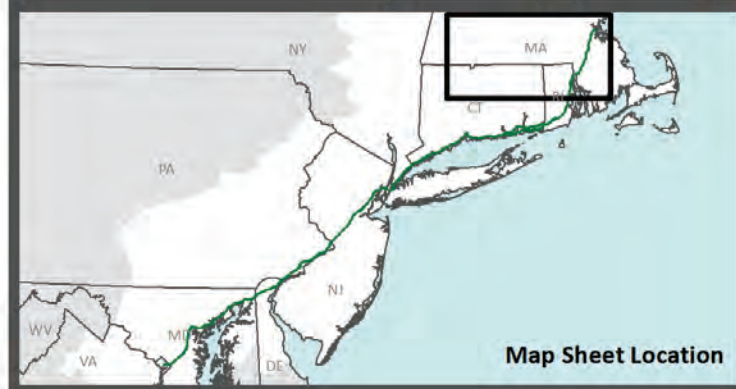
**REPRESENTATIVE ROUTE  
ALTERNATIVE 1**

Regional Location: New York, Connecticut, Rhode Island





Alternative 1  
Sheet 5



Tunnel	Major Hub Station	US Highway
Trench	Connecting Corridor	State/County Highway
At-Grade	State Boundary	County Boundary
Embankment	Interstate Highway	
Aerial Structure		
Major Bridge		

Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

**NEC FUTURE**

**REPRESENTATIVE ROUTE**  
**ALTERNATIVE 1**

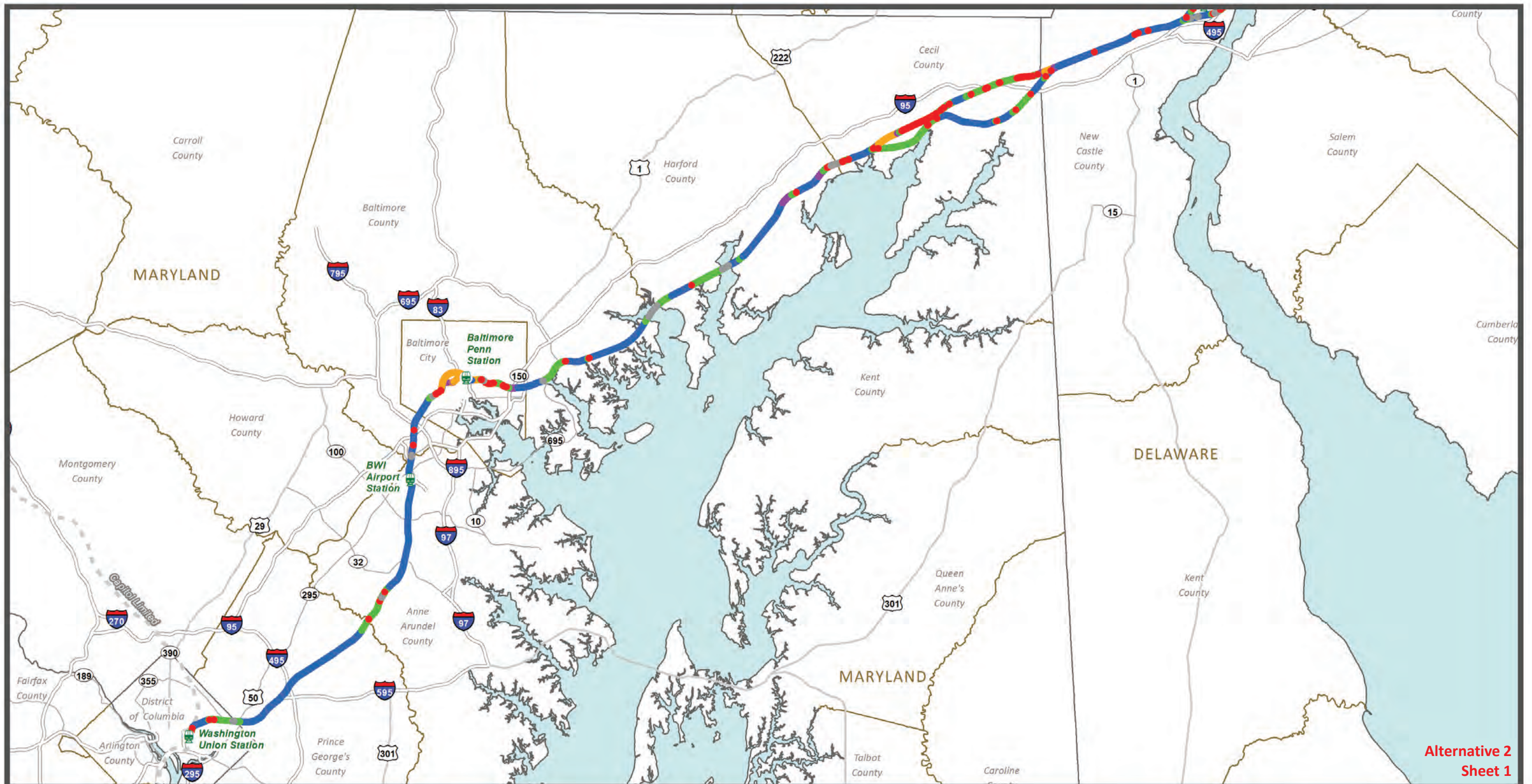
Regional Location: Connecticut, Rhode Island, Massachusetts

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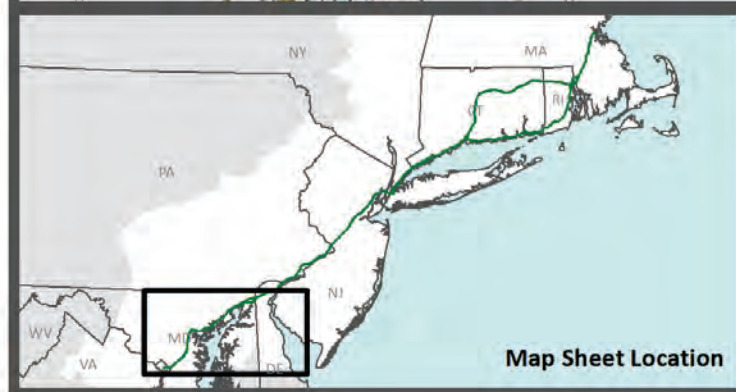
# Alternative 2



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Alternative 2  
Sheet 1



Tunnel	Major Hub Station	US Highway
Trench	Connecting Corridor	State/County Highway
At-Grade	State Boundary	County Boundary
Embankment	Interstate Highway	
Aerial Structure		
Major Bridge		

Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

0 4.5 9 Miles

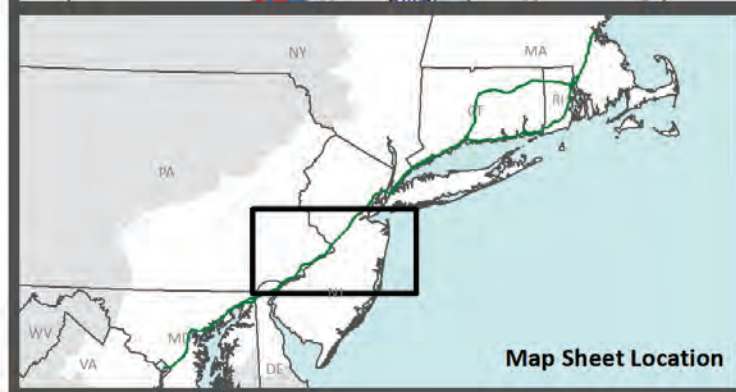
**NEC  
FUTURE**

**REPRESENTATIVE ROUTE  
ALTERNATIVE 2**

Regional Location: Washington, D.C., Maryland, Delaware



Alternative 2  
Sheet 2



Tunnel	Major Hub Station	US Highway
Trench	Connecting Corridor	State/County Highway
At-Grade	State Boundary	County Boundary
Embankment	Interstate Highway	
Aerial Structure		
Major Bridge		

Source of Data: NEC FUTURE, 2014

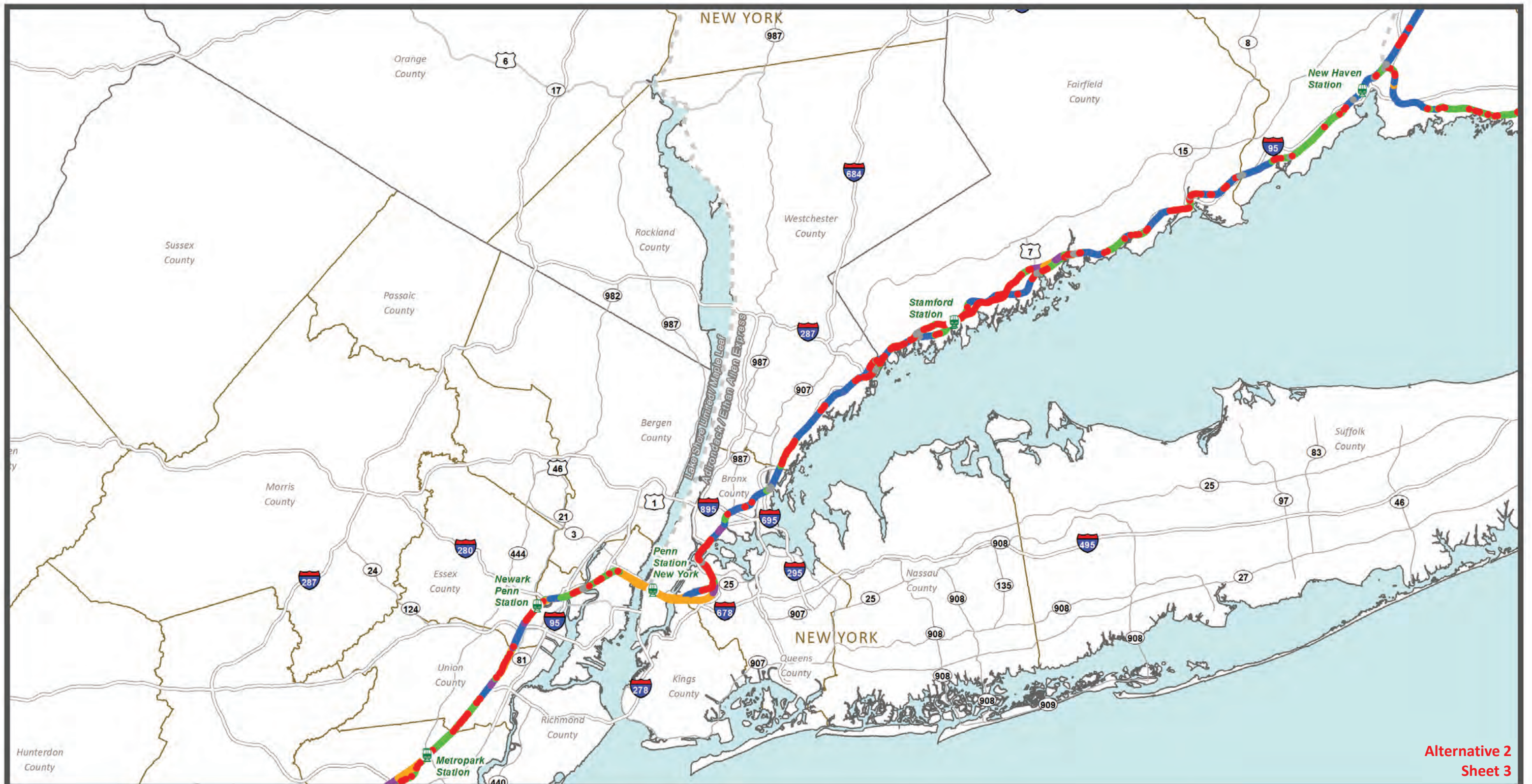
U.S. Department of Transportation  
Federal Railroad Administration

0 4.5 9 Miles

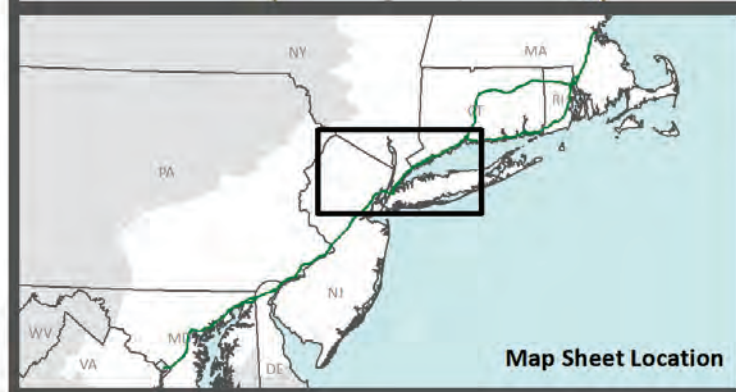
**NEC  
FUTURE**

**REPRESENTATIVE ROUTE  
ALTERNATIVE 2**

Regional Location: Pennsylvania, New Jersey



Alternative 2  
Sheet 3



Tunnel	Major Hub Station	US Highway
Trench	Connecting Corridor	State/County Highway
At-Grade	State Boundary	County Boundary
Embankment	Interstate Highway	
Aerial Structure		
Major Bridge		

Source of Data: NEC FUTURE, 2014

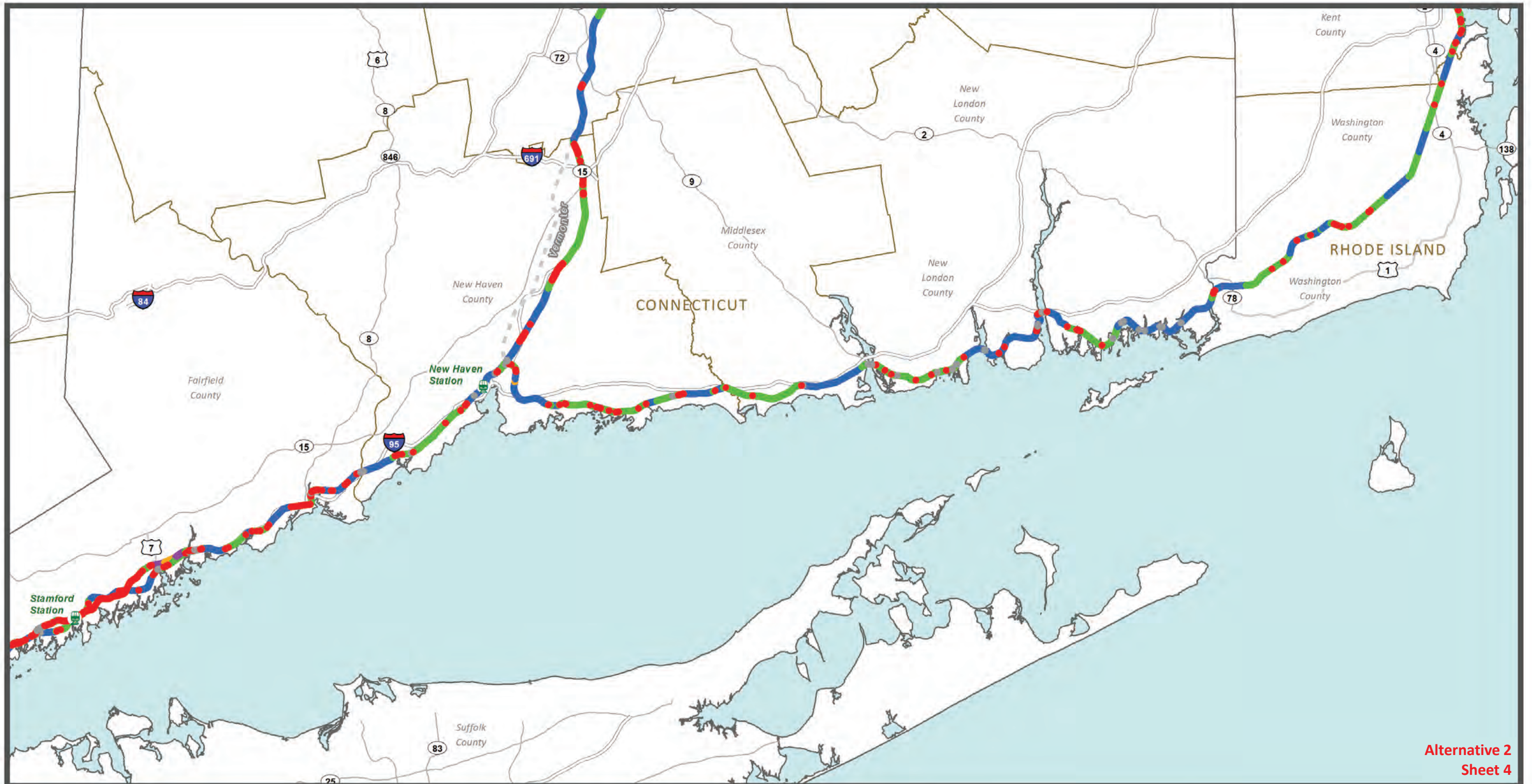
U.S. Department of Transportation  
Federal Railroad Administration

0 4.5 9 Miles

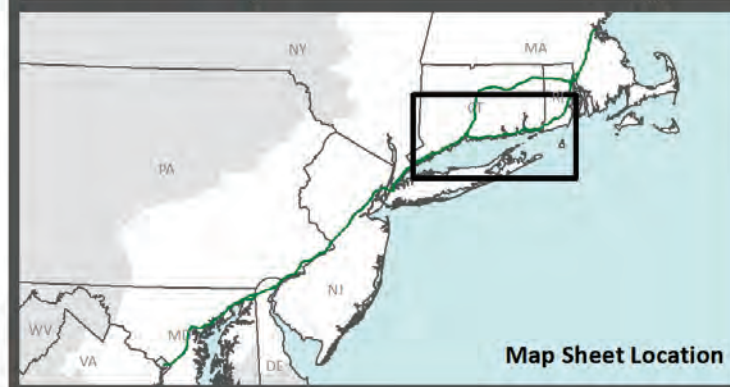
**NEC  
FUTURE**

**REPRESENTATIVE ROUTE  
ALTERNATIVE 2**

Regional Location: New Jersey, New York, Connecticut



Alternative 2  
Sheet 4



Tunnel	Major Hub Station	US Highway
Trench	Connecting Corridor	State/County Highway
At-Grade	State Boundary	County Boundary
Embankment	Interstate Highway	
Aerial Structure		
Major Bridge		

Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

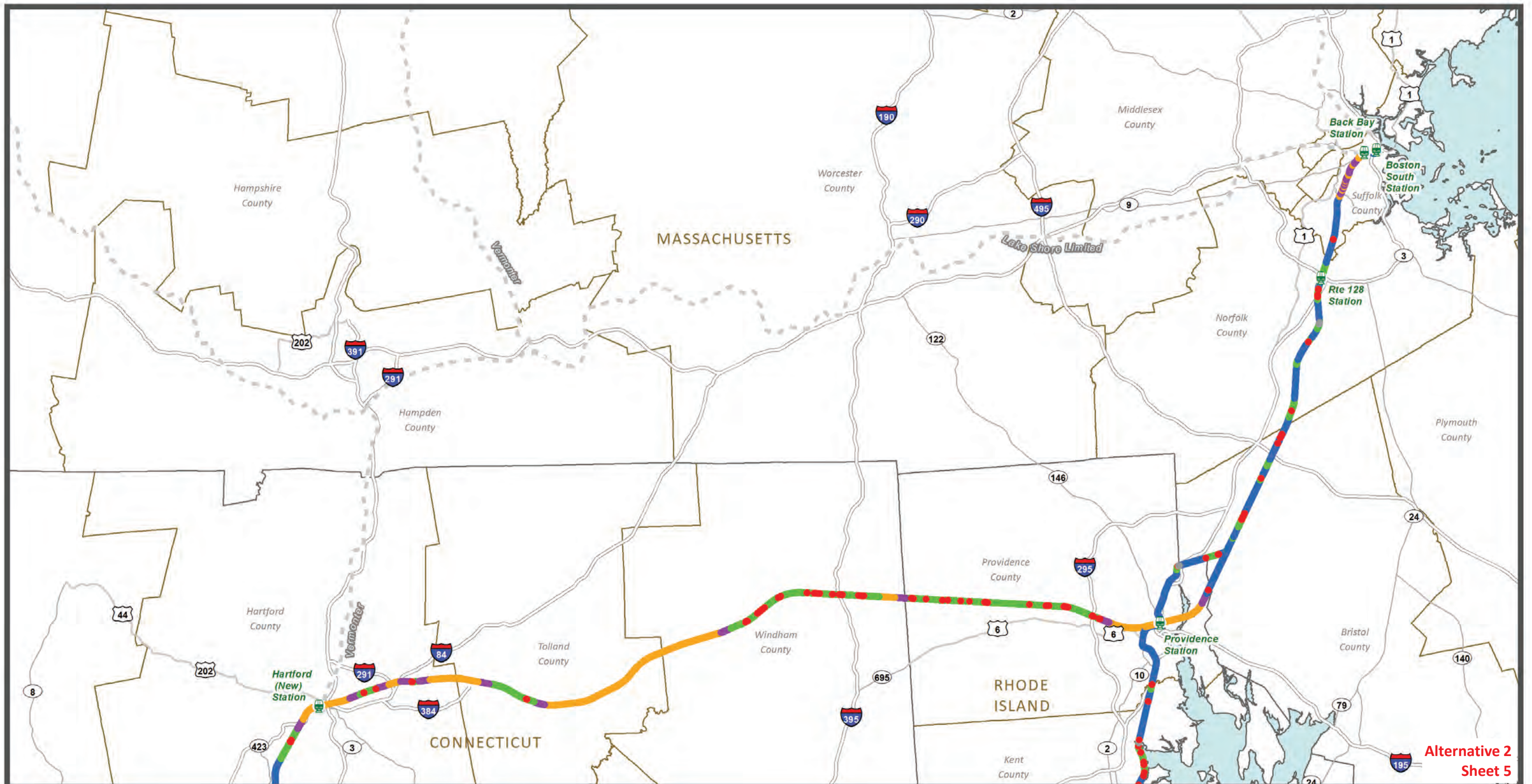
0 4.5 9 Miles

**NEC FUTURE**

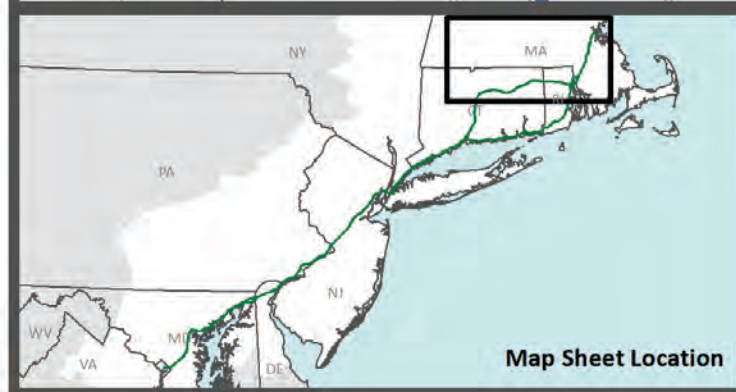
**REPRESENTATIVE ROUTE**  
**ALTERNATIVE 2**

Regional Location: New York, Connecticut, Rhode Island





Alternative 2  
Sheet 5



Tunnel	Major Hub Station	US Highway
Trench	Connecting Corridor	State/County Highway
At-Grade	State Boundary	County Boundary
Embankment	Interstate Highway	
Aerial Structure		
Major Bridge		

Source of Data: NEC FUTURE, 2014

0 4 8 Mile

**REPRESENTATIVE ROUTE**  
**ALTERNATIVE 2**

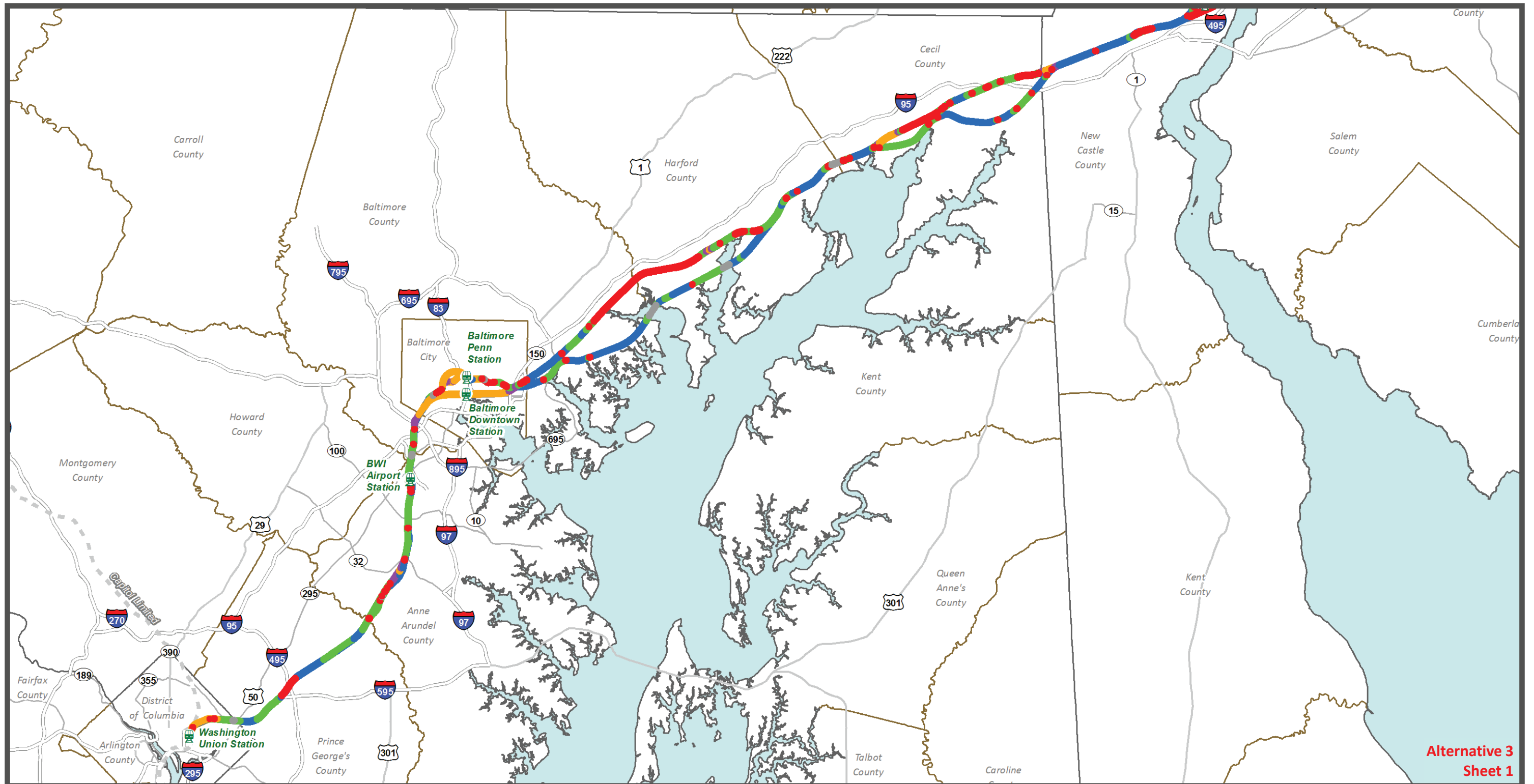
Regional Location: Connecticut, Rhode Island, Massachusetts

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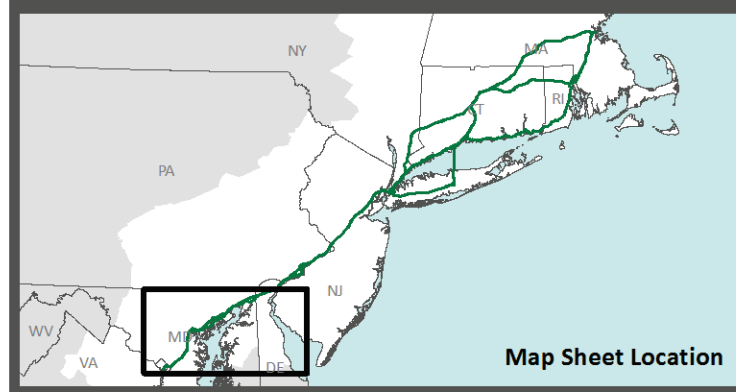
# Alternative 3



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Alternative 3  
Sheet 1



Tunnel	Major Hub Station	US Highway
Trench	Connecting Corridor	State/County Highway
At-Grade	State Boundary	County Boundary
Embankment	Interstate Highway	
Aerial Structure		
Major Bridge		

Source of Data: NEC FUTURE, 2014

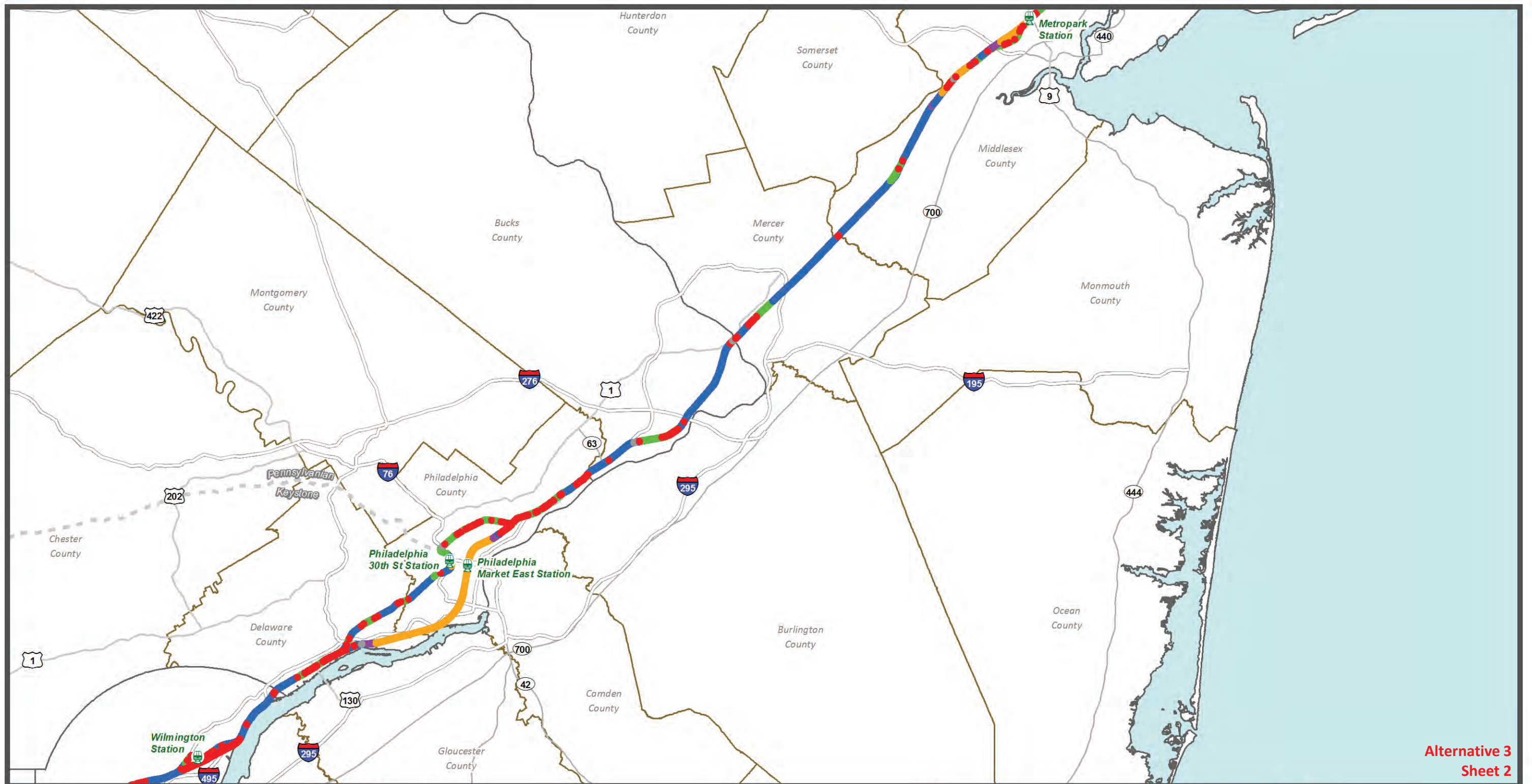
U.S. Department of Transportation  
Federal Railroad Administration

**NEC FUTURE**

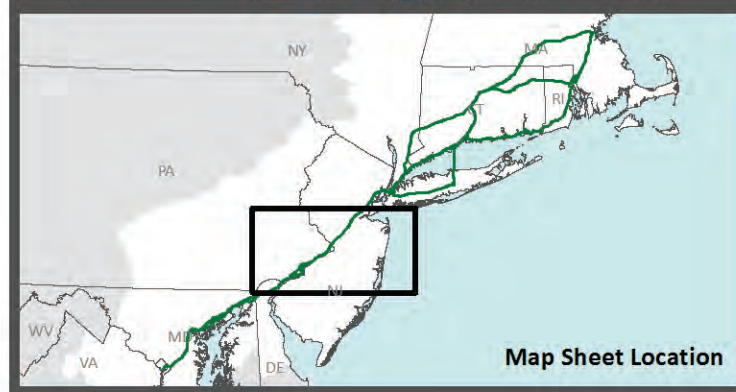
**REPRESENTATIVE ROUTE**

**ALTERNATIVE 3**

Regional Location: Washington, D.C., Maryland, Delaware



Alternative 3  
Sheet 2



Tunnel	Major Hub Station	US Highway
Trench	Connecting Corridor	State/County Highway
At-Grade	State Boundary	County Boundary
Embankment	Interstate Highway	
Aerial Structure		
Major Bridge		

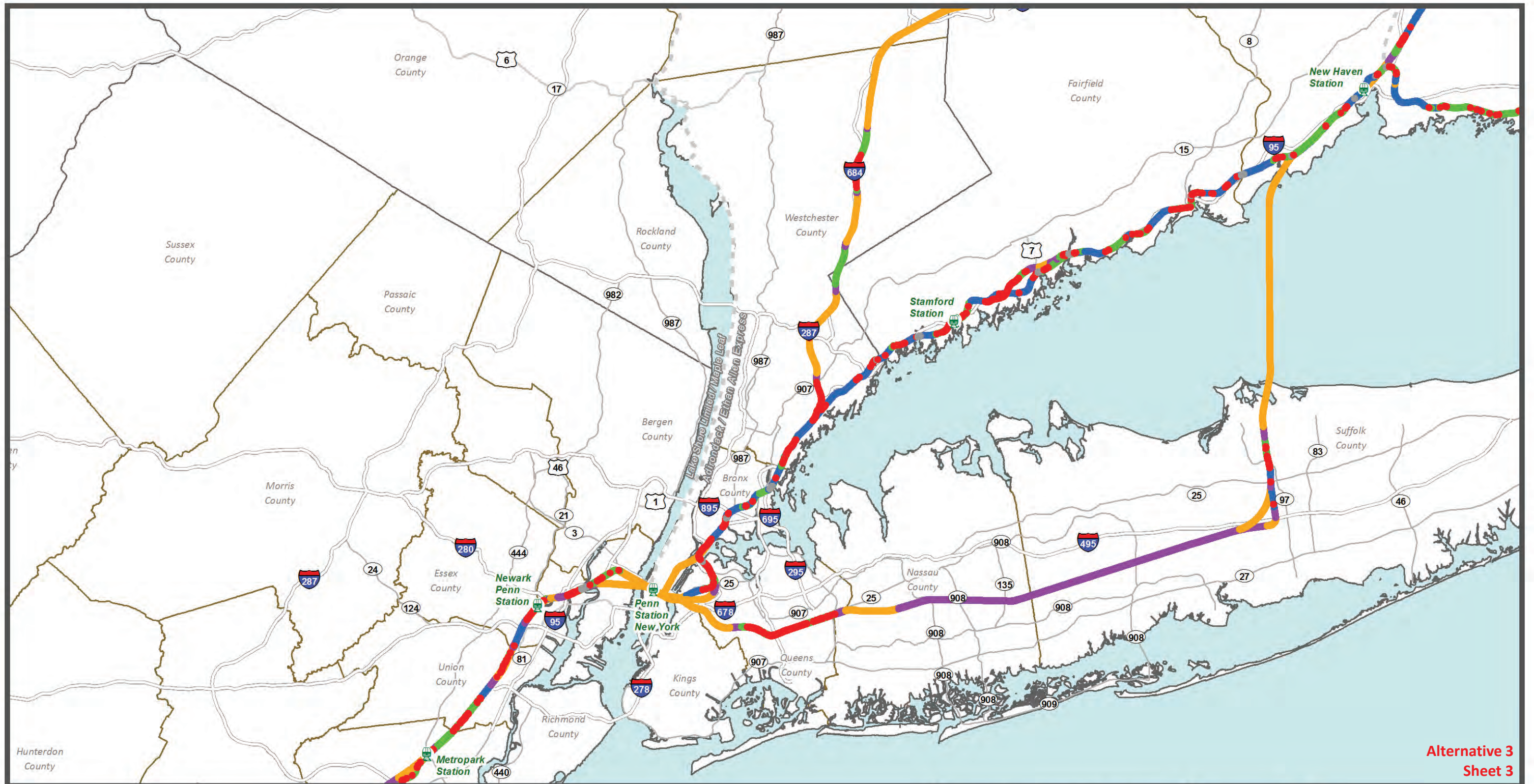
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U.S. Department of Transportation  
Federal Railroad Administration

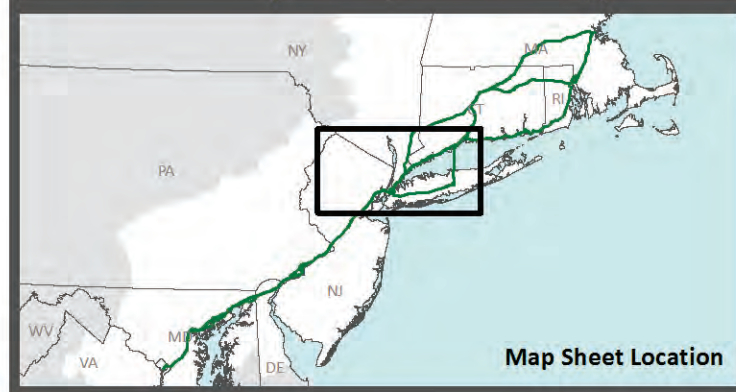
**NEC FUTURE**

**REPRESENTATIVE ROUTE**  
**ALTERNATIVE 3**

Regional Location: Pennsylvania, New Jersey



Alternative 3  
Sheet 3



Tunnel	Major Hub Station	US Highway
Trench	Connecting Corridor	State/County Highway
At-Grade	State Boundary	County Boundary
Embankment	Interstate Highway	
Aerial Structure		
Major Bridge		

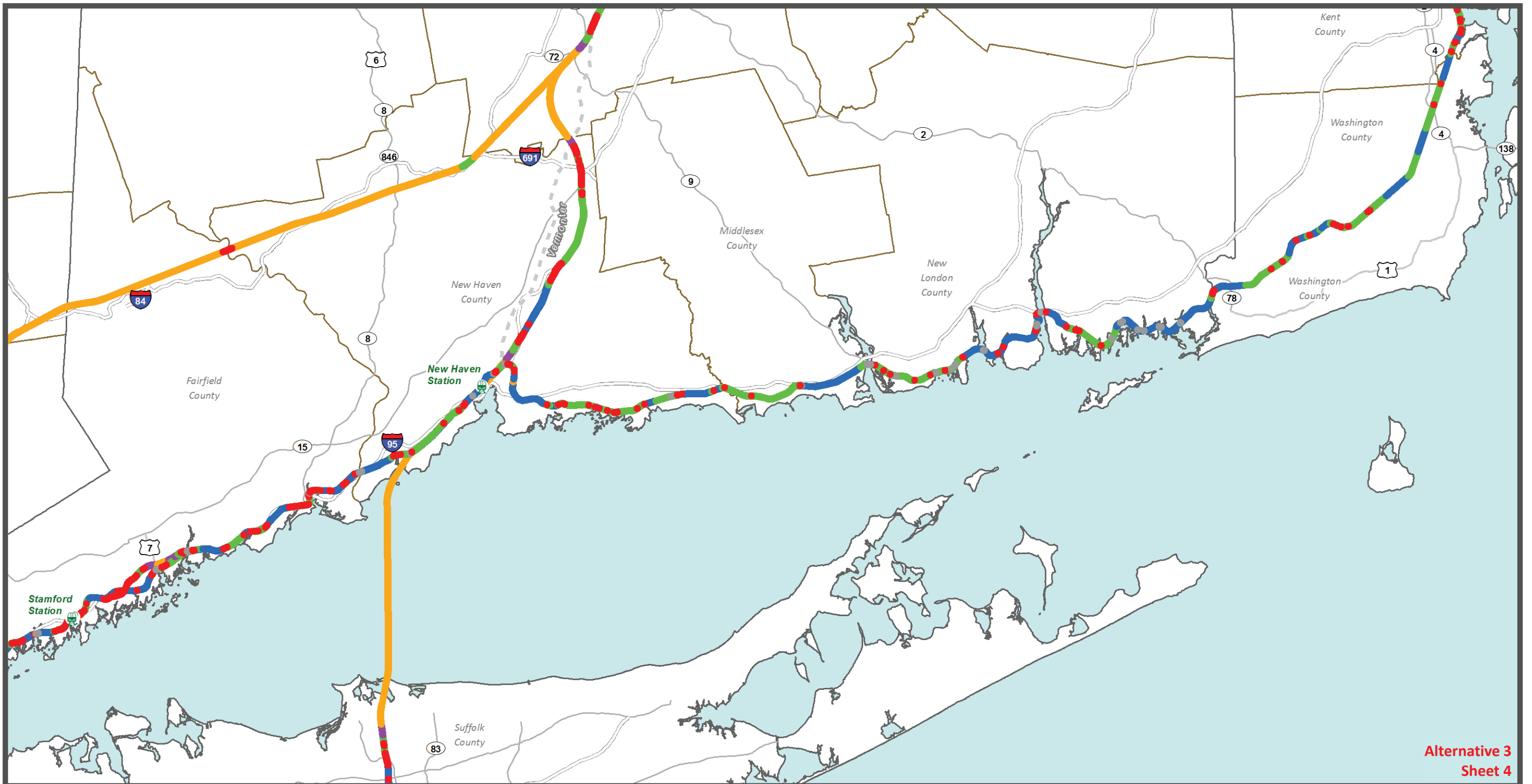
Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

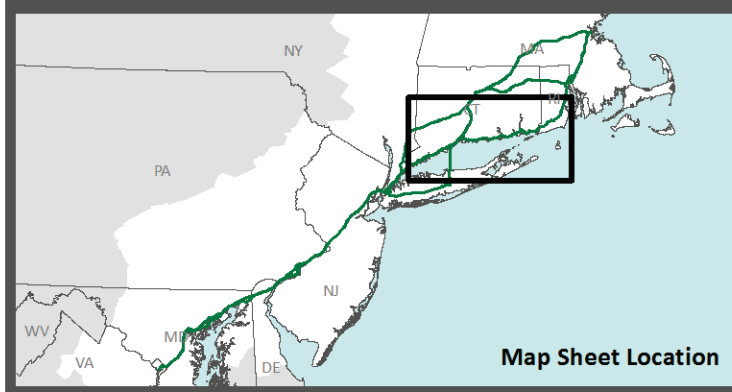
**NEC FUTURE**

**REPRESENTATIVE ROUTE**  
**ALTERNATIVE 3**

Regional Location: New Jersey, New York, Connecticut



Alternative 3  
Sheet 4



Tunnel	Major Hub Station	US Highway
Trench	Connecting Corridor	State/County Highway
At-Grade	State Boundary	County Boundary
Embankment	Interstate Highway	
Aerial Structure		
Major Bridge		

Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

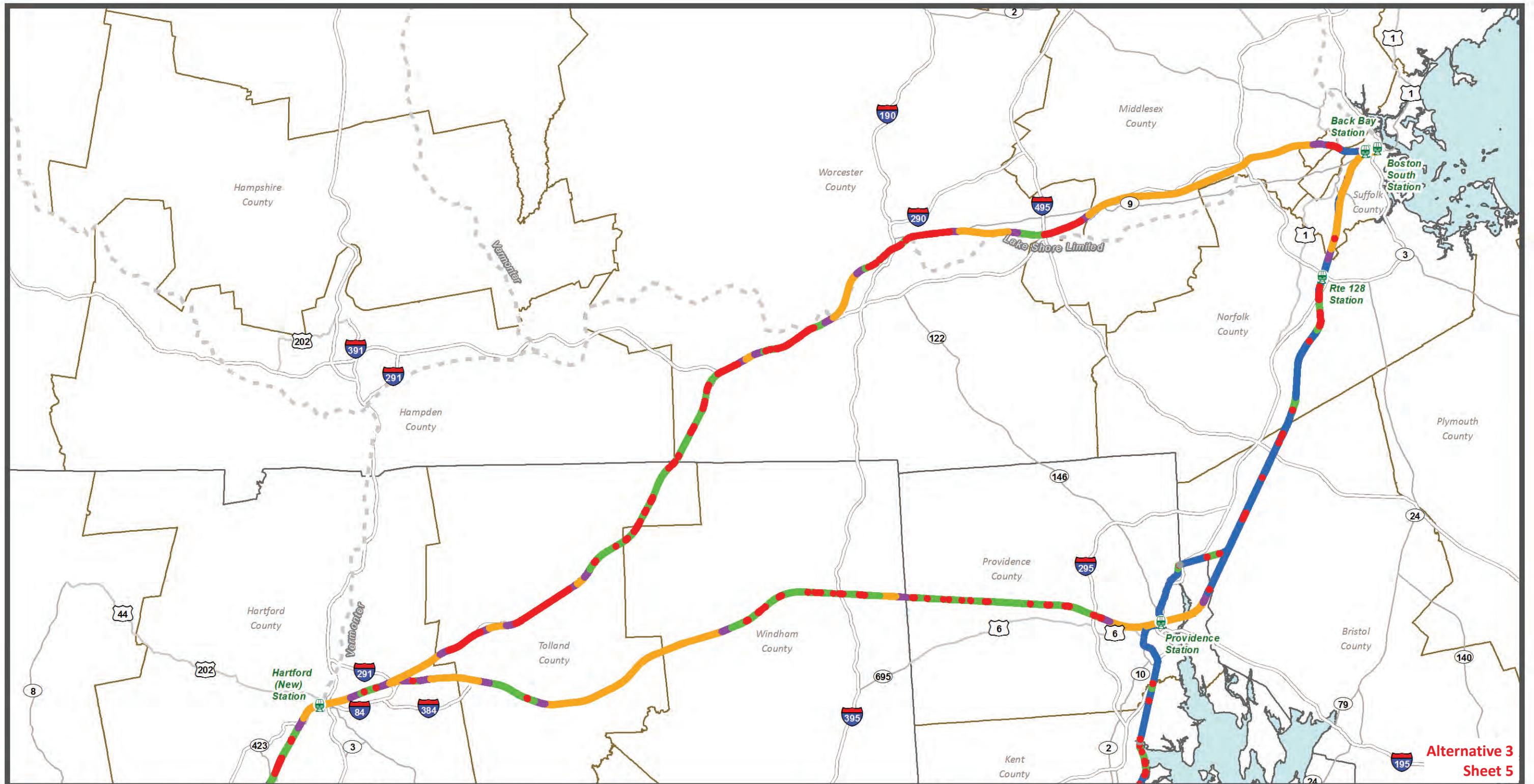
**NEC FUTURE**

**REPRESENTATIVE ROUTE**

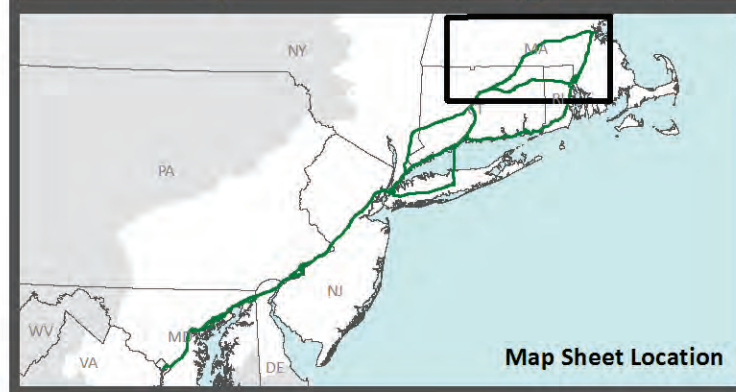
**ALTERNATIVE 3**

Regional Location: New York, Connecticut, Rhode Island





Alternative 3  
Sheet 5



Tunnel	Major Hub Station	US Highway
Trench	Connecting Corridor	State/County Highway
At-Grade	State Boundary	County Boundary
Embankment	Interstate Highway	
Aerial Structure		
Major Bridge		

Source of Data: NEC FUTURE, 2014

U.S. Department of Transportation  
Federal Railroad Administration

0 4 8 Mile

NEC  
FUTURE

REPRESENTATIVE ROUTE  
ALTERNATIVE 3

Regional Location: Connecticut, Rhode Island, Massachusetts

