



# **ALGONQUIN INCREMENTAL MARKET PROJECT**

## ***RESOURCE REPORT 8*** *Land Use, Recreation, and Aesthetics*

*FERC Docket No. PF13-16-000*

**Pre-Filing Draft  
November 2013**

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RESOURCE REPORT 8 – LAND USE, RECREATION, AND AESTHETICS	
Filing Requirement	Location in Environmental Report
<input checked="" type="checkbox"/> Classify and quantify land use affected by: (§380.12(j)(1)) <ul style="list-style-type: none"> <li>- Pipeline construction and permanent rights-of-way;</li> <li>- Extra work/staging areas;</li> <li>- Access roads;</li> <li>- Pipe and contractor yards; and</li> <li>- Aboveground facilities</li> <li>• For aboveground facilities, provide the acreage affected by construction and operation, acreage leased or purchased, and describe the use of the land not required for operation.</li> </ul>	Section 8.2.1, 8.2.2, and 8.3-1 Tables 8A-1, 8A-2 , & 8B-1
<input checked="" type="checkbox"/> Identify by milepost all locations where the pipeline right-of-way would at least partially coincide with existing right-of-way, where it will be adjacent to existing rights-of-way, and where it would be outside of existing right-of-way. (§380.12(j)(1))	Section 8.2.1 Resource Report 1
<input type="checkbox"/> Provide detailed typical construction right-of-way cross-section diagrams showing information such as widths and relative locations of existing rights-of-way, new permanent right-of-way, and temporary construction right-of-way. (§380.12(j)(1))	Resource Report 1, Appendix 1A
<input checked="" type="checkbox"/> Summarize the total acreage of land affected by construction and operation of the project. (§380.12(j)(1))	Tables 8A-1 & 8A-2
<input checked="" type="checkbox"/> Identify by milepost, all planned residential or commercial/business development and the time frame for construction. (§380.12(j)(3)) <ul style="list-style-type: none"> <li>• Identify all planned development crossed or within 0.25 mile of proposed facilities.</li> </ul>	Section 8.3.2.1 & Table 8D-1
<input checked="" type="checkbox"/> Identify by milepost special land uses (e.g., sugar maple stands, specialty crops, natural areas, national and state forests, conservation land, etc.). (§380.12(j)(4))	Section 8.4
<input checked="" type="checkbox"/> Identify by beginning milepost and length of crossing all land administered by federal, state, and local agencies, or private conservation organizations. (§380.12(j)(4))	Section 8.4
<input checked="" type="checkbox"/> Identify by milepost all natural, recreational, or scenic areas, and all registered natural landmarks crossed by the project. (§380.12(j)(4&6)) <ul style="list-style-type: none"> <li>• Identify areas within 0.25 mile of any proposed facility.</li> </ul>	Section 8.4
<input checked="" type="checkbox"/> Identify all facilities that would be within designated coastal zone management areas. (§380.12(j)(4&7))	Section 8.4.6
<input checked="" type="checkbox"/> Identify by milepost all residences that would be within 50 feet of the construction right-of-way or extra work area. (§380.12(j)(5))	Section 8.3.2, Table 8D-2
<input checked="" type="checkbox"/> Identify all designated or proposed candidate National or State Wild and Scenic Rivers crossed by the project. (§380.12(j)(6))	Section 8.4
<input checked="" type="checkbox"/> Describe any measures to visually screen aboveground facilities, such as compressor stations. (§380.12(j)(11))	Section 8.6
<input type="checkbox"/> Demonstrate that applications for rights-of-way or other proposed land use have been or soon will be filed with federal land-managing agencies with jurisdiction over land that would be affected by the project. (§380.12(j)(12))	N/A



## ACRONYMS AND ABBREVIATIONS

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AIM Project	Algonquin Incremental Market Project
Algonquin	Algonquin Gas Transmission, LLC
ATWS	additional temporary workspace
BLM	Bureau of Land Management
BNAN	Boston Natural Areas Network
CEA	Critical Environmental Areas
CMP	Coastal Management Program
CREP	Conservation Reserve Enhancement Program
CRP	Conservation Reserve Program
CTDEEP	Connecticut Department of Energy & Environmental Protection
Dth/d	decatherms per day
E&SCP	Erosion and Sediment Control Plan
FERC or Commission	Federal Energy Regulatory Commission
FERC Plan	Upland Erosion Control, Revegetation, and Maintenance Plan
FERC Procedures	Wetland and Waterbody Construction and Mitigation Procedure
GIS	geographical information systems
HDD	horizontal directional drill
hp	horsepower
LWRP	Local Waterfront Revitalization Program
M&R	metering and regulating
MLV	mainline valve
MP	milepost
NGA	Natural Gas Act
NHT	National Historic Trail
NPS	National Park Service
NYSDEC	New York State Department of Environmental Conservation
NYSDOS	New York State Department of State
O&M	operation and maintenance
PARs	permanent access roads
ROW	right-of-way
Secretary	Secretary of the Commission
TAR	temporary access roads
U.S.	United States
USACE	U.S. Army Corps of Engineers
USGS	U.S. Geological Survey
WRP	Wetland Reserve Program



## 8.0 RESOURCE REPORT 8 – LAND USE, RECREATION, AND AESTHETICS

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### 8.1 Introduction

Algonquin Gas Transmission, LLC (“Algonquin”), an indirect, wholly-owned subsidiary of Spectra Energy Corp, is seeking authorization from the Federal Energy Regulatory Commission (“FERC” or “Commission”) pursuant to Section 7(c) of the Natural Gas Act<sup>1</sup> (“NGA”) to construct, install, own, operate, and maintain the Algonquin Incremental Market Project (“AIM Project” or “Project”) which will involve expansion of its existing pipeline systems located in New York, Connecticut, Rhode Island and Massachusetts. Algonquin is also seeking authorization pursuant to Section 7(b) of the NGA<sup>2</sup> to abandon approximately 0.5 miles of existing mainline pipeline as a related component of the AIM Project. The AIM Project will create 342,000 dekatherms per day (“Dth/d”) of firm pipeline capacity to deliver natural gas to the Northeast markets to meet immediate and future supply and load growth requirements. Specifically, the Project will create the additional capacity from the Ramapo, New York, and Mahwah, New Jersey, receipt points on Algonquin’s systems to various Algonquin city gate delivery points in Connecticut, and Massachusetts. The target in-service date for the AIM Project is November 1, 2016.

The AIM Project includes the construction of approximately 36.7 miles of take-up & relay, loop and lateral pipeline facilities, modifications to five existing compressor stations resulting in the addition of 72,240 horsepower (“hp”) of compression, modifications to 24 existing metering and regulating (“M&R”) Stations, and the construction of three new M&R Stations. These proposed Project facilities are located in New York, Connecticut, Rhode Island and Massachusetts. Refer to Figure 1.1-1 in Resource Report 1 for a Project overview map that shows the location of all proposed facilities and their association with Algonquin’s existing pipeline facilities. A complete discussion of the proposed Project facilities follows.

#### Proposed Pipeline Facilities

The proposed AIM Project includes approximately 36.7 miles of pipeline composed of the following facilities:

- Construction of approximately 19.4 miles of mainline pipeline, comprised of the following:
  - Haverstraw to Stony Point Take-up & Relay - Take-up and relay 3.3 miles of 26-inch diameter pipeline with 42-inch diameter pipeline in Rockland County, New York upstream of Algonquin’s existing Stony Point Compressor Station;
  - Stony Point to Yorktown Take-up & Relay - Take-up and relay 11.7 miles of 26-inch diameter pipeline with 42-inch diameter pipeline (including a new 1.2 mile 42-inch diameter horizontal directional drill (“HDD”) pipeline crossing of the Hudson River) in Rockland County, New York and Westchester County, New York downstream of Algonquin’s existing Stony Point Compressor Station; and
  - Southeast to MLV 19 Take-up & Relay - Take-up and relay 4.4 miles of 26-inch diameter mainline pipeline with 42-inch diameter pipeline (including a new 0.5-mile long, 42-inch diameter HDD pipeline crossing of Interstate 84 and the Still River) located in Putnam County, New York and Fairfield County, Connecticut downstream of and between Algonquin’s existing Southeast Compressor Station and mainline valve (“MLV”) 19;

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<sup>1</sup> 15 U.S.C. §§ 717f(b) and 717f(c) (2006).

<sup>2</sup> 15 U.S.C. § 717P(b) (2006).



- Line-36A Loop Extension - Installation of 2.0 miles of 36-inch diameter pipeline loop extension in Middlesex County, Connecticut and Hartford County, Connecticut downstream of Algonquin's existing Cromwell Compressor Station;
- E-1 System Lateral Take-up & Relay - Take-up and relay 9.1 miles of 6-inch diameter pipeline with 16-inch diameter pipeline on Algonquin's existing E-1 System in New London County, Connecticut;
- E-1 System Lateral Loop - Installation of 1.3 miles of 12-inch diameter pipeline loop on Algonquin's existing E-1 System in New London County, Connecticut;
- West Roxbury Lateral - Installation of 4.2 miles of new 16-inch diameter pipeline and 0.7 miles of new 24-inch diameter pipeline off of Algonquin's existing I-4 System in Norfolk and Suffolk Counties, Massachusetts.

#### Modifications to Existing Algonquin Compressor Stations

Algonquin will modify five existing Algonquin Compressor Stations to add an additional 72,240 to its pipeline system as part of the AIM Project. This increase in horsepower will be achieved with the installation of six new compressor units. The proposed compressor modifications include the following:

##### Stony Point Compressor Station - Rockland County, New York

- ◆ Install one (1) Solar Mars 100 (15,900 hp) natural gas-fired compressor unit and one (1) Solar Centaur 50 (6,300 hp) gas-fired compressor unit;
- ◆ Restage two (2) existing Solar Taurus 60 (7,700 hp) natural gas-fired units;
- ◆ Install gas cooling for new units; and
- ◆ Station piping modifications.

##### Southeast Compressor Station - Putnam County, New York

- ◆ Install one (1) Solar Mars 90 (13,220 hp) natural gas-fired compressor unit;
- ◆ Restage one (1) existing Solar Taurus 60 (7,700 hp) natural gas-fired unit and one (1) existing Solar Taurus 70 (10,310 hp) natural gas-fired unit;
- ◆ Replace the compressor body;
- ◆ Install gas cooling for new unit; and
- ◆ Station piping modifications.

##### Cromwell Compressor Station - Middlesex County, Connecticut

- ◆ Install one (1) Solar Mars 100 (15,900 hp) natural gas-fired compressor unit;
- ◆ Install gas cooling for the new turbine compressor unit and two (2) existing turbine compressor units; and
- ◆ Station piping modifications.

##### Chaplin Compressor Station - Windham County, Connecticut

- ◆ Install one (1) Solar Taurus 60 (7,700 hp) natural gas-fired compressor unit;
- ◆ Install gas cooling for the new turbine compressor unit and two (2) existing turbine compressor units; and
- ◆ Station piping modifications.



#### Burrillville Compressor Station - Providence County, Rhode Island

- ◆ Install one (1) Solar Mars 90 (13,220 hp) natural gas-fired compressor unit;
- ◆ Install gas cooling for new unit; and
- ◆ Station piping modifications.

#### Modifications to Existing Algonquin M&R Stations

The AIM Project will include modifications to 24 existing Algonquin M&R Stations in New York, Connecticut and Massachusetts to accept the new gas flows associated with the AIM Project. Three M&R stations are located in New York, 13 are located in Connecticut and eight are located in Massachusetts. The types of modifications will include the replacement of existing heaters and metering facilities, piping modifications, and facility uprates.

Modifications at 21 of the 24 existing stations are minor in nature and will take place within the existing fenced facilities. The remaining three M&R stations will require complete reconstruction. The stations requiring reconstruction are all in Connecticut and include the Willimantic M&R Station, Guilford M&R Station and Glastonbury M&R Station. The Glastonbury and Guilford M&R Stations will be rebuilt within the same station footprint while the Willimantic M&R Station will be rebuilt on a new parcel of land acquired by Algonquin adjacent to the existing station property. The M&R Station locations are shown on the United States (“U.S.”) Geological Survey (“USGS”) quadrangle excerpts and typical plot plans provided in Appendix 1A of Resource Report 1.

#### Construction of New Algonquin M&R Stations

Algonquin will construct three new M&R Stations: two are located in Bristol and Suffolk counties in Massachusetts and one is located in New London County, Connecticut.

- Construct one (1) new M&R station in Connecticut:
  - Oakland Heights M&R Station – construct a new M&R station, including regulation, in the City of Norwich, New London County.
- Construct two (2) new M&R stations in Massachusetts:
  - Assonet M&R Station – construct a new M&R station, including regulation, in the Town of Freetown, Bristol County; and
  - West Roxbury M&R Station – construct a new M&R station, including regulation, in the City of Boston, Suffolk County.

This Resource Report 8 describes Project land requirements, identifies existing land use conditions in the Project area, addresses potential land use impacts associated with construction and operation of the Project, and discusses ways in which Algonquin will help ensure that any such impacts are minimized. It addresses temporary and permanent land use impacts associated with the pipeline and aboveground facilities. Section 8.2 describes the existing land use setting and specifies and defines the land use categories for which impacts were assessed. Section 8.3 quantifies the potential impacts to these land uses from Project construction, operation, and maintenance by Project facilities and by land use type. Section 8.3 also discusses mitigation of the Project impacts and documents planned residential and commercial areas in the Project vicinity. Section 8.4 discusses public, recreational, and other similar areas that could potentially be impacted by the Project. Relevant agency and landowner consultations are described in Section 8.5. Impacts to visual resources are addressed in Section 8.6, and the references cited in this Resource Report 8 are provided in Section 8.7. A checklist showing the status of the FERC filing requirements for Resource Report 8 is included in the table of contents.

The construction, mitigation, and restoration measures to be implemented to avoid or minimize impacts to existing land use are described in Algonquin's AIM Project, *Erosion and Sedimentation Control Plan* ("E&SCP") located in Appendix 1B of Resource Report 1. Algonquin's AIM Project E&SCP is consistent with the FERC's *Upland Erosion Control, Revegetation, and Maintenance Plan* (May 2013 version) ("Plan") and *Wetland and Waterbody Construction and Mitigation Procedures* (May 2013 version) ("Procedures"), except as described in Section 1.2 of Algonquin's AIM Project E&SCP. Mitigation measures generally are described throughout this report by affected land use categories in Section 8.3.1. Algonquin will strive to minimize or limit the amount, duration, and extent of construction-related impacts.

The AIM Project facilities are shown on the U.S. Geological Survey ("USGS") quadrangle excerpt provided in Appendix 1A of Resource Report 1. Resource Report 2 provides a description of the wetlands and waterbodies crossed by the Project including public watersheds, while Resource Report 3 provides a detailed description of the vegetation cover types crossed by the Project.

## 8.2 Existing Land Uses in the Project Area

Land use classification in the AIM Project area was completed using information gathered and observations made from field surveys, discussions with landowners, through interpretation of recent high quality aerial photographs and USGS quadrangle maps, and from New York, Connecticut, Rhode Island, and Massachusetts geographical information systems ("GIS") land use data layers. Land use types within the AIM Project area are herein classified into the following six classifications based on predominant land uses:

- ◆ Open land: Algonquin's maintained existing pipeline right-of-way ("ROW"), other utility ROWs, open fields, vacant land, herbaceous and scrub-shrub uplands, non-forested lands, emergent wetland, scrub-shrub wetland, golf courses, and municipal land;
- ◆ Agricultural: active hayfields and cultivated land;
- ◆ Forest/Woodland: mixed oak forest and forested wetlands;
- ◆ Industrial/Commercial: manufacturing or industrial plants, paved areas, landfills, mines, quarries electric power or natural gas utility facilities; developed areas, roads, railroads and railroad yards, and commercial or retail facilities;
- ◆ Residential: existing developed residential areas and planned residential developments. This may include large developments, low, medium, and high density residential neighborhoods, urban/suburban residential, multi-family residences, ethnic villages, residentially zoned areas that have been developed or short segments of the route at road crossings with homes near the route alignment; and
- ◆ Open water: water crossings greater than 100 feet wide and streams visible on aerial photography but less than 100 feet in width. Pipeline waterbody crossings greater than 100 feet wide are discussed in detail in Resource Report 2 and are listed in Section 8.3.1.1 of this Resource Report.

### 8.2.1 Pipeline Facilities

The proposed AIM Project pipeline facilities consist of approximately 36.7 miles of multi-diameter pipeline, to be constructed and operated by Algonquin. Of this amount, approximately 28.5 miles consists of replacement of existing pipeline (includes a new 1.2-mile HDD crossing of the Hudson River) and approximately 8.2 miles consists of new pipeline loops and one new lateral. Approximately 98 percent of the 36.7 miles of the pipeline facilities will be within or adjacent to existing ROWs, consisting of pipeline ROWs currently occupied by Algonquin, public roadways, railways, and/or other utility ROWs. In addition, once the Interstate 84 HDD in Connecticut is completed, approximately 0.5 miles of



the existing 26-inch diameter pipeline will be abandoned. A detailed summary of the AIM Project pipeline facilities is provided in Table 1.3-1 of Resource Report 1. ROW configurations are also discussed in more detail in Resource Report 1 as well as the relationship to existing ROWs.

The AIM Project pipeline facilities will cross three counties in New York State, four counties in the State of Connecticut, and two counties in the Commonwealth of Massachusetts. In total, pipeline construction work areas will cross approximately 25.3 miles (46 percent) of open land, 5.6 miles (32 percent) of industrial/commercial land, 3.7 miles (15 percent) of forest/woodland, 0.8 miles (2 percent) of residential land, 0.3 miles (2 percent) of agricultural land, and 1 mile (2 percent) of open water. Open land is the dominant land use type crossed by the Project pipeline facilities. Most of this open land is comprised of maintained pipeline and electric transmission ROWs.

The land use types crossed by the AIM Project pipeline are presented in Table 8.2-1 and discussed in further detail below. More detailed land use impacts from the AIM pipeline facilities are included in Table 8A-1 located in Appendix 8A and are depicted on Figure 8.2-1 located in Appendix 8B. Impacts on these land uses from construction and operation of the pipeline facilities are discussed in Section 8.3.1.

TABLE 8.2-1 Land Uses Crossed by the AIM Pipeline														
State, County, MP, Facility	Open Land		Agricultural		Forest/ Woodland		Industrial/ Commercial		Residential		Open Water		Total <i>a/, b/</i>	
	(mi)	(%)	(mi)	(%)	(mi)	(%)	(mi)	(%)	(mi)	(%)	(mi)	(%)	(mi)	(%)
<b>New York</b>														
<u>Rockland County</u>														
Haverstraw to Stony Point Take-up & Relay 0.0 – 3.3	2	62	0.0	0	0.3	9	0.2	5	0.8	24	0	0	3.3	26
Stony Point to Yorktown Take-up & Relay 0.0 – 3.49	2.1	81	0	0	0	0	0	2	0.5	18	0	0	2.6	20
<u>Westchester County</u>														
Stony Point to Yorktown Take-up & Relay 3.49 – 11.7	5.1	74	0.1	2	0.1	2	0.3	4	1.2	18	0	0	6.8	53
<u>Putnam County</u>														
Southeast to MLV-19 Take-up & Relay 0.0 – 0.1	0.1	77	0.0	0	0.0	0	0.0	23	0.0	0	0.0	0	0.1	1
<b>Subtotal NY:</b>	<b>9.3</b>	<b>74</b>	<b>0.1</b>	<b>1</b>	<b>0.4</b>	<b>3</b>	<b>0.53</b>	<b>9</b>	<b>2.5</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>12.8</b>	<b>100</b>
<b>Connecticut</b>														
<u>Fairfield County</u>														
Southeast to MLV-19 Take-up & Relay 0.1 – 4.3	3.5	80	0	0	0.4	10	0.2	5	0.2	5	0	0	4.3	26

TABLE 8.2-1

Land Uses Crossed by the AIM Pipeline

State, County, MP, Facility	Open Land		Agricultural		Forest/ Woodland		Industrial/ Commercial		Residential		Open Water		Total <i>a/</i> , <i>b/</i>	
	(mi)	(%)	(mi)	(%)	(mi)	(%)	(mi)	(%)	(mi)	(%)	(mi)	(%)	(mi)	(%)
<u>Middlesex County</u>														
L-36A Loop Extension 0.0 – 1.8	0.6	32	0.6	36	0.4	26	0.1	1	0.1	6	0.0	0	1.8	11
<u>Hartford County</u>														
L-36A Loop Extension 1.8 – 2.0	0.0	0	0.1	24	0.1	76	0.0	0	0.0	0	0.0	0	0.2	1
<u>New London County</u>														
E-1 System Lateral Take-up & Relay 0.0 – 9.1	6.5	72	1.3	14	1.2	13	0.1	1	0	0	0	0	9.1	54
E-1 System Lateral Loop 0.0 – 1.3	0.5	38	0	0	0.7	55	0	0	0.1	7	0	0	1.3	8
<b>Subtotal CT:</b>	<b>11.1</b>	<b>44</b>	<b>2</b>	<b>15</b>	<b>2.8</b>	<b>36</b>	<b>0.4</b>	<b>1</b>	<b>0.4</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>16.7</b>	<b>100</b>
<b><u>Massachusetts</u></b>														
<u>Norfolk County</u>														
West Roxbury Lateral 0.0 – 3.3	0.3	9	0	0	0.2	7	2.8	84	0	0	0	0	3.3	67
<u>Suffolk County</u>														
West Roxbury Lateral 3.3 – 4.9	0	0	0	0	0.1	6	1.5	94	0	0	0	0	1.6	33
<b>Subtotal MA:</b>	<b>0.3</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0.3</b>	<b>7</b>	<b>4.3</b>	<b>88</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4.9</b>	<b>100</b>
<b><u>PROJECT TOTAL</u></b>	<b><u>20.7</u></b>	<b><u>41</u></b>	<b><u>2.1</u></b>	<b><u>5</u></b>	<b><u>3.5</u></b>	<b><u>15</u></b>	<b><u>5.23</u></b>	<b><u>33</u></b>	<b><u>2.9</u></b>	<b><u>6</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>34.4</u></b>	<b><u>100</u></b>
<i>a/</i> Minor discrepancies in totals are due to rounding.														
<i>b/</i> The total length does not include approximately 2.3 miles of land use crossed between MP 2.62 and MP 4.94 at the Hudson River crossing. Algonquin is currently collecting geotechnical borings from the Hudson River to evaluate two potential crossing locations and will provide final land use impacts at this crossing in its February 2014 filing with the FERC.														

## New York

### Haverstraw to Stony Point Take-up & Relay

Algonquin will take-up and relay a 3.3-mile segment of mainline pipeline located upstream (southwest) of the existing Stony Point Compressor Station in the Towns of Haverstraw and Stony Point in Rockland County. This take-up & relay section will begin at Algonquin's MLV 13B (MP 0.0) west of Call Hollow Road in the Town of Haverstraw and end at the Stony Point Compressor Station located northeast of





Cedar Flats Road in the Town of Stony Point (MP 3.3). The existing 26-inch diameter mainline will be replaced with new 42-inch diameter pipe.

Open land consisting of maintained pipeline ROW is the primary land use crossed by the Haverstraw to Stony Point Take-up & Relay at 2.0 miles (62 percent). Other land uses crossed include residential (11 percent), forest / woodland (9 percent), and industrial / commercial (5 percent).

#### *Stony Point to Yorktown Take-up & Relay*

Downstream (northeast) of the Stony Point Compressor Station, Algonquin will take-up & relay approximately 11.7 miles of mainline pipeline in the Towns of Stony Point (including the Village of Pomona) and Cortlandt (including the Village of Buchanan) the City of Peekskill, and the Town of Yorktown. This take-up & relay section will begin at the Stony Point Compressor Station (MP 0.0) in Rockland County and extend downstream (north-northeast) across the Hudson River to a termination point west of Stoney Street in Yorktown in Westchester County (MP 11.7). The existing 26-inch diameter mainline will be replaced with new 42-inch diameter pipe.

Open land consisting of maintained pipeline ROW is the primary land use crossed by the Stony Point Take-up & Relay at 7.2 miles (77 percent). Other land uses crossed include residential (18 percent), industrial / commercial (3 percent), and forest / woodland (2 percent).

#### *Southeast to MLV-19 Take-up & Relay*

In the Town of Southeast in Putnam County, Algonquin will also take-up and relay approximately 0.1 miles of mainline pipeline from the existing Southeast Compressor Station (MP 0.0) up to MP 0.1 at the Fairfield County, Connecticut border. This segment of pipeline (*Southeast to MLV 19 Take-up & Relay*) continues on into Connecticut for another 4.3 miles as described below for a total of 4.4 miles. The existing 26-inch diameter mainline will be replaced with new 42-inch diameter pipe.

Open land consisting of maintained pipeline ROW is the primary land use crossed by the Southeast to MLV-19 Take-up & Relay at 0.1 miles (77 percent) and industrial / commercial with 23 percent.

### **Connecticut**

#### *Southeast to MLV-19 Take-up & Relay*

In Connecticut, Algonquin will take-up and relay approximately 4.3 miles of mainline pipeline beginning east of the existing Southeast Point Compressor Station in Fairfield County (MP 0.1) and extending northeast through the City of Danbury ending at Algonquin's existing MLV-19 site located east of State Route 39 (MP 4.4). The existing 26-inch diameter mainline will be replaced with new 42-inch diameter pipe. An approximately 0.5-mile segment of the existing 26-inch diameter pipeline will be abandoned in place beneath the Interstate 84 HDD crossing segment.

Open land consisting of maintained pipeline ROW is the primary land use crossed by the Southeast to MLV-19 Take-up & Relay at 3.5 miles (80 percent). Other land uses crossed include forest / woodland (10 percent), industrial / commercial (5 percent), and residential (5 percent).





### Line 36A Loop Extension

Algonquin will install approximately 2.0 miles of new 36-inch loop pipeline in the Town of Cromwell (MP 0.0) in Middlesex County and the Town of Rocky Hill (MP 2.0) in Hartford County.

Agricultural land is the primary land use crossed by the Line 36A Loop Extension at 0.7 miles (35 percent). Other land uses include open land (30 percent), forest / woodland (25 percent), industrial / commercial (5 percent), and residential (5 percent).

### E-1 System Lateral Take-up & Relay

Algonquin will take-up & relay a 9.1-mile segment of lateral pipeline located in the Town of Lebanon, the Town of Franklin and the City of Norwich. The existing 6-inch diameter lateral will be replaced with a new 16-inch diameter lateral.

Open land consisting of maintained pipeline ROW is the primary land use crossed by E-1 System Lateral Take-up & Relay at 6.5 miles (72 percent). Other land uses crossed include agricultural (14 percent), forest / woodland (13 percent), and industrial / commercial (1 percent).

### E-1 System Lateral Loop

Algonquin will install approximately 1.3 miles of new 12-inch loop pipeline in the Town of Montville along its existing E-1 System Lateral Pipeline ROW in New London County (MP 0.0 – MP 1.3).

Forest/woodland is the primary land use crossed by the E-1 System Lateral Loop at 0.7 miles (55 percent). Other land uses crossed include 0.5 miles of open land (38 percent), and residential (7 percent).

## **Massachusetts**

### West Roxbury Lateral

Algonquin proposes to construct approximately 3.3 miles of new 16-inch diameter pipeline in Norfolk County through the Towns of Westwood and Dedham (MP 0.0 – MP 3.3) and approximately 1.6 miles of new 16-inch and 24-inch diameter pipeline in Suffolk County (MP 3.3 – MP 4.9) through the City of Boston (West Roxbury).

Industrial/commercial land is the primary land use crossed by the West Roxbury Lateral at 4.3 miles (88 percent). Other land uses crossed include forest/woodland (7 percent), and open land (5 percent).

Land that is crossed by the pipeline in public roads is identified as industrial/commercial. As such, portions of the pipeline that pass by residences (e.g., along Grove Street) are identified as industrial/commercial land use because no residential land will be used for the construction workspace.

## **8.2.2 Aboveground Facilities**

The AIM Project aboveground facilities will consist of modifications to five existing compressor stations, modifications to 24 existing M&R stations, and construction of three new M&R stations. The locations of these facilities are shown on the USGS quadrangle excerpts provided in Appendix 1A, Resource Report 1 (Volume II-B) and described in more detailed Table 1.3.2 of Resource Report 1.



Existing land use associated with the aboveground facilities is primarily characterized as industrial/commercial land. Land use immediately surrounding the aboveground facilities varies but is predominantly industrial/commercial with equal parts of forest/woodlands and residential areas (*see* Figure 8.2-2 located in Appendix 8B). Table 8.2-2 summarizes existing land use at the individual aboveground facilities and within a 0.25-mile buffer area.

Work at the five existing compressor stations and 23 of the existing M&R station sites will occur within the property line of the existing developed station sites and will not result in any increases in new land use impacts and therefore, do not constitute “significant aboveground facilities” that could result in land use impacts (*see* Table 8.2-2).

Algonquin will use the existing compressor station sites and existing M&R station sites as temporary workspace where feasible; for the existing M&R stations where this is not feasible, locations of temporary workspace outside the fence lines at these aboveground facility sites are identified and discussed further in Section 8.3.1.5 and included in Table 8A-2 located in Appendix 8A.

Algonquin will also construct a number of pig launcher and receiver facilities, a new MLV site and modify a number of existing MLV sites along the AIM Project pipeline segments (*refer* to Table 1.3-2 in Resource Report 1 for a complete list). The locations of the pig launcher/receiver facilities and MLVs are shown on the USGS Quadrangle excerpts in Appendix 1A. Algonquin will install these aboveground facilities along its proposed pipeline ROW and within areas disturbed by pipeline construction. A typical plot plan of the pig launcher/receiver and MLV sites are provided in Appendix 1A of Resource Report 1.

TABLE 8.2-2 AIM Project Aboveground Facilities Existing Land Uses							
State, County, Facility	Existing or New (E, N)	Leased or Owned (L, O)	Existing Land Uses <sup>a/</sup>	Predominant Land Use <sup>b/</sup>	Existing Property Size (acres) <sup>c/</sup>	Construction Requirements (acres) <sup>d/</sup>	New Land Requirements (acres) <sup>e/</sup>
<b>New York</b>							
<u>Rockland County</u>							
Stony Point Compressor Station <sup>f/</sup>	E		I/C, F, O	I/C	97.5	20.2 (15.3)	None
Stony Point M&R Station <sup>f/</sup>	E	L	I/C, F, O, R	I/C, O	0.4	0.0 (0.0)	None
<u>Westchester County</u>							
Peekskill M&R Station <sup>f/</sup>	E	O	O, I/C, R	I/C	0.2	0.0 (0.0)	None
Cortlandt M&R Station <sup>f/</sup>	E	L	R, F, I/C	I/C	26.7	0.0 (0.0)	None
<u>Putnam County</u>							
Southeast Compressor Station	E		I/C, O, F	I/C, F	128.5	16.0 (10.2)	None
<b>Connecticut</b>							
<u>Fairfield County</u>							
West Danbury M&R Station <sup>f/</sup>	E	L	F, I/C	I/C, F	24.5	0.0 (0.3)	None
<u>Middlesex County</u>							
Cromwell Compressor Station	E		I/C, F	I/C, F	38.2	17.4 (11.1)	None
Middletown M&R	E	L	I/C, F, OW	I/C, F	424.0	1.0 (0.2)	None

TABLE 8.2-2

AIM Project Aboveground Facilities Existing Land Uses

State, County, Facility	Existing or New (E, N)	Leased or Owned (L, O)	Existing Land Uses <i>a/</i>	Predominant Land Use <i>b/</i>	Existing Property Size (acres) <i>c/</i>	Construction Requirements (acres) <i>d/</i>	New Land Requirements (acres) <i>e/</i>
<b>Station</b>							
<u>Windham County</u>							
Chaplin Compressor Station	E		F, I/C, R	I/C, F	296.1	11.5 (8.1)	None
Willimantic M&R Station*	E	O	F, R	I/C, F	0.3	1.5 (0.2)	TBD
Pomfret M&R Station	E	L	O, I/C, F, R	I/C, O	0.3	0.4 (0.3)	None
Putnam M&R Station	E	O	I/C, R	I/C	0.5	0.6 (0.2)	None
<u>New Haven County</u>							
Southbury M&R Station	E	L	I/C, F, O	I/C, F	250.0	0.7 (0.3)	None
Waterbury M&R Station	E	O	I/C, R, F	I/C, F	0.4	0.3 (0.3)	None
North Haven M&R Station	E	O	I/C, R, F	I/C	1.1	0.5 (0.5)	None
Guilford M&R Station*	E	L	I/C, F, R	I/C	1.3	0.5 (0.5)	None
<u>Hartford County</u>							
Farmington M&R Station	E	L	O, I/C, F	I/C, F	0.4	0.4 (0.3)	None
Glastonbury M&R Station*	E	L	O, I/C, R, F	I/C, F	6.7	0.8 (0.4)	None
<u>New London County</u>							
Oakland Heights M&R Station	N	L	F, R	F	N/A	TBD (0.0)	TBD
Salem Pike M&R Station	E	L	O, I/C, R	I/C, O	0.1	0.2 (0.2)	None
Montville M&R Station <i>f/</i>	E	L	F, O, I/C, R	I/C, F	6.5	0.0 (0.0)	None
<b>Rhode Island</b>							
<u>Providence County</u>							
Burrillville Compressor Station	E		F, O, I/C	I/C	269.7	16.5 (10.2)	None
<b>Massachusetts</b>							
<u>Bristol County</u>							
Assonet M&R Station	N	L	O, I/C, F	I/C, F	12.2	1.3 (0.3)	TBD
New Bedford M&R Station	E	L	O, I/C, F	I/C, O	3.3	1.8 (1.8)	None
North Fall River M&R Station <i>g/</i>	E	L	O, I/C, F	I/C, F	<i>g/</i>	0.4 (0.3)	None
<u>Plymouth County</u>							
Brockton M&R Station	E	O	I/C, R	I/C	0.4	0.5 (0.2)	None
Middleborough M&R Station	E	O	F, R, A	I/C, O	2.8	1.1 (0.8)	None
<u>Suffolk County</u>							
West Roxbury M&R Station	N	--	I/C, R	F	N/A	2.0 (0.0)	4.11
<u>Norfolk County</u>							
Wellesley M&R Station	E	L	O, I/C, OW	I/C, F	1.5	0.5 (0.3)	None

TABLE 8.2-2

AIM Project Aboveground Facilities Existing Land Uses

State, County, Facility	Existing or New (E, N)	Leased or Owned (L, O)	Existing Land Uses <u>a/</u>	Predominant Land Use <u>b/</u>	Existing Property Size (acres) <u>c/</u>	Construction Requirements (acres) <u>d/</u>	New Land Requirements (acres) <u>e/</u>
Needham M&R Station	E	L	F, R, I/C	I/C, O, F	1.0	0.6 (0.4)	None
Norwood M&R Station	E	O	I/C, R	I/C, F	0.2	0.8 (0.2)	None
<u>Middlesex County</u>							
Mystic M&R Station	E	L	O, I/C	I/C	0.9	0.4 (0.2)	None

a/ Land uses include those within 0.25 mile buffer area.

A = Agricultural; I/C = Industrial/Commercial lands; F = forest (woodlands); O = Open land; OW = Open water; R = Residential land

b/ The predominant land uses at or within the existing facility sites are the present land use types.

c/ The total acreage of the property.

d/ Includes temporary land disturbance during construction and temporary workspace areas. The number in parentheses represents the portion of the temporary workspace workspace that is already developed within the facility.

e/ Includes new land to be purchased by Algonquin.

f/ Temporary workspace areas required for these station sites overlaps with the workspace associated with existing ROW easement. Given the overlap, the station workspace has been accounted for in Table 8.3-1 and in Table 8A-1.

g/ Included with the Assonet M&R Station (both stations are at the same site within the same property line).

\*These are existing stations requiring complete rebuilds. Existing land is currently owned by Algonquin, new land required will be purchased by Algonquin.

## 8.3 Land Requirements

This section identifies the land requirements for construction and operation of the AIM Project. Land requirements for the AIM pipeline facilities are discussed below in Section 8.3.1, including discussions of land requirements for temporary workspace and ATWS, access roads, and pipe storage and contractor ware yards associated with construction and operation of the Project pipeline. Land requirements for the aboveground facilities are discussed in Section 8.3.2.

The primary disturbance on land use from the construction and operation of the proposed AIM Project facilities include clearing the pipeline ROW, construction and operation of associated aboveground facilities, some temporary restrictions on existing land uses during construction, limited restrictions on future land uses along the permanent ROW, and permanent conversion of land uses for aboveground facilities and new permanent access roads (“PARs”) for two of the new M&R stations. Following construction, the pipeline facilities and PARs will occupy lands through easements or license agreements that allow for operation and maintenance (“O&M”) of the facilities. Modifications to the existing Algonquin M&R stations will occur within existing properties. However, modifications to the existing Willimantic M&R Station will require the acquisition of additional property located directly south and adjacent to the current station site. Construction of two of three new M&R Station sites will also require new lands to be acquired by Algonquin.

### 8.3.1 Land Use Impacts and Mitigation

A total of approximately 515.3 acres of land will be required for construction of the AIM Project, of which [TBD] acres will be maintained for operation. The AIM pipeline will permanently affect approximately 23 acres of new land while the aboveground facilities will permanently affect

approximately [TBD] acres of new land (*see* Tables 8A-1 and 8A-2 located in Appendix 8A). Temporary land use impacts were assessed for the entire construction work area for the AIM Project. Permanent disturbance of land uses were assessed in all locations where existing land uses would change following construction of the Project facilities. Land requirements associated with each of the Project facilities are discussed in the following subsections.

### **8.3.1.1 Pipeline Facilities**

Total land required (in acres) resulting from construction and operation of the AIM pipeline (including access roads) include approximately 414.4 acres (68 percent). Of that total, approximately 170 acres (41 percent) will consist of existing Algonquin pipeline easement while 22.7 acres (5 percent) will consist of new permanent pipeline ROW required as part of the Project that will be maintained in an herbaceous/scrub-shrub vegetated state of growth to facilitate pipeline inspection and operation and maintenance.

Construction and operation of the AIM pipeline facilities would disturb approximately 151 acres (36 percent) of open land, 23.4 acres (6 percent) of agricultural land, 124 acres (30 percent) of forest/woodland, 78 acres (19 percent) of industrial/commercial, 39 acres (9 percent) of residential land; and 0.3 acres (0.07 percent) of open water.

Table 8A-1 located in Appendix 8A provides the tabulated presentation by acreage affected by construction and operation of the AIM Pipeline facilities while the discussion below provides the details of the AIM pipeline facilities by milepost (“MP”) followed by a summary of land uses required.

Refer to Resource Report 1, Section 1.4.1 for a discussion of ROW configurations, Section 1.4.1.1 in Resource Report 1 for a discussion on collocation of the AIM pipeline with existing utility corridors, and Section 1.5 for a discussion of construction procedures for the proposed pipeline facilities.

#### **New York**

In New York, approximately 15.1 miles of 42-inch diameter pipeline will be installed using the take-up & relay method within Algonquin’s existing 75-foot wide ROW (excluding the segment between MP 2.62-4.94-Hudson River Study Corridor). A total of approximately 166.2 acres of land consisting of existing permanent ROW, temporary workspace, and ATWS will be used during construction of the mainline pipeline. Excluding the segment between MP 2.62 and MP 4.94 (Hudson River Study Corridor), no new permanent easement is required as a result of operation of this mainline pipeline (*see* Table 8A-1 located in Appendix 8A). New permanent ROW will be required to install the loop pipeline across the Hudson River. Once the preferred route crossing is determined, following the evaluation of ongoing geotechnical investigations, these numbers will be updated accordingly. Algonquin anticipates selecting the preferred route crossing as part of its formal application filing expected to be filed with the Commission in February 2014.

Pipeline construction in New York will result in temporary impacts to approximately 166.3 acres of open land. Of that total, approximately 87 acres of open land consists of the existing permanent easement owned by Algonquin. Other land use types temporarily impacted in New York include approximately 53.4 acres of forest/woodland, approximately 27.3 acres of temporary impacts to residential areas, approximately 11.5 acres of temporary impacts to industrial or commercial areas, approximately 1.6 acres of temporary impacts to agricultural land, and approximately 0.1 acres of temporary impacts to open water (*see* Table 8A-1 in Appendix 8A). In New York, the AIM pipeline will also cross 42 paved



roadways and one railroad using either conventional open cut or road bore methods, depending on permit conditions.

The following section describes the land use impacts of the three AIM Project pipeline segments in New York.

#### *Haverstraw to Stony Point Take-up & Relay*

A total of approximately 42.8 acres of land consisting of existing permanent ROW and temporary workspace will be used during construction of the Haverstraw to Stony Point Take-up & Relay. No new permanent easement is required or proposed as a result of operation of this mainline pipeline (*see* Table 8A-1 located in Appendix 8A).

#### *Stony Point to Yorktown Take-up & Relay*

A total of approximately 118.2 acres of land consisting of existing permanent ROW and temporary workspace will be used during construction of the Stony Point to Yorktown Take-up & Relay. No new permanent easement is required as a result of operation of this mainline pipeline (*see* Table 8A-1 located in Appendix 8A).

As noted above, the Hudson River is currently crossed by the existing Algonquin mainline pipeline between MP 2.62 and MP 4.94. Algonquin will not be removing and replacing any of the three Algonquin pipelines that currently cross the Hudson River. Instead, Algonquin plans on installing a new 42-inch diameter loop pipeline beneath the Hudson River using the HDD method, pending geotechnical evaluation results. Algonquin has established a broad study area and is currently collecting geotechnical borings from the Hudson River to evaluate two potential crossing locations. One crossing location would parallel the existing Algonquin pipelines across the river (the northern route) and the other would cross the river about 0.5 mile to the south of the existing pipeline's current crossings (the southern route). Refer to Resource Report 10 for a discussion regarding the study area and the evaluation. The Hudson River is the only major waterbody (>100 feet wide) crossed by the AIM Project pipeline facilities.

#### *Southeast to MLV-19 Take-up & Relay*

A total of approximately 5.3 acres will be required by construction of the Southeast to MLV-19 Take-up & Relay in Putnam County. No new permanent easement is required as a result of operation of this mainline pipeline (*see* Table 8A-1 located in Appendix 8A).

### **Connecticut**

In Connecticut, approximately 16.7 miles of take-up and relay and loop pipeline will be installed within or along existing Algonquin ROWs. A total of approximately 186.7 acres of land consisting of existing permanent ROW, new permanent ROW, temporary workspace, and ATWS will be used during construction of the pipelines (*see* Table 8A-1 located in Appendix 8A).

Pipeline construction in Connecticut will result in approximately 74.1 acres of temporary impacts to open land. Of that total, approximately 52.7 acres consists of existing permanent easement owned by Algonquin and 5.4 acres will be new permanent easement or license agreements that are affected by the operation of the pipeline and therefore remain as open space after construction.





Other land use types temporarily impacted in Connecticut include approximately 68.0 acres of forest/woodland, approximately 12.4 acres industrial or commercial areas, approximately 21.8 acres of agricultural land, approximately 10.2 acres of residential areas, and approximately 0.2 acres of open water.

Algonquin will need to obtain new permanent ROW for three of the four pipeline segments. This new permanent ROW includes approximately 8.9 acres of forested land, approximately 5.4 acres of open land, approximately 3.0 acres of agricultural land, approximately 0.6 acres of residential property, and 0.3 acres of industrial/commercial.

The AIM pipeline facilities will cross 26 paved roadways and one railroad in Connecticut using either conventional open cut or road bore methods, depending on permit conditions. Roads that will be crossed using the HDD method, pending geotechnical evaluation results, include Old Ridgebury Road at MP 1.53, Interstate 84 at MP 1.6, and a railroad at MP 1.87.

#### *Southeast to MLV-19 Take-up & Relay*

A total of approximately 54.7 acres of land consisting of existing permanent ROW, temporary workspace, and ATWS will be used during construction of the Southeast to MLV-19 Take-up & Relay in Fairfield County. No new permanent easement is required as a result of operation of this mainline pipeline (*see* Table 8A-1 located in Appendix 8A).

#### *Line 36A Loop Extension*

A total of approximately 23.0 acres of land consisting of existing permanent ROW, new permanent ROW, temporary workspace, and ATWS will be used during the construction of the Line 36A Loop Extension. Of this amount, approximately 6.6 acres of new permanent ROW will be acquired for operation of the loop extension (*see* Table 8A-1 located in Appendix 8A).

#### *E-1 System Lateral Take-up & Relay*

A total of approximately 94.9 acres of land consisting of existing permanent ROW, new permanent ROW, temporary workspace, and ATWS will be used during construction of the E-1 System Lateral. Of this amount, approximately 8.4 acres of new permanent ROW will be acquired for operation of the new 16-inch diameter lateral (*see* Table 8A-1 located in Appendix 8A).

#### *E-1 System Lateral Loop*

A total of approximately 14.1 acres of land consisting of existing permanent ROW, new permanent ROW, temporary workspace, and ATWS will be used during construction of the E-1 Lateral Loop. Of this amount, approximately 3.2 acres of new permanent ROW will be acquired for operation of the new 12-inch diameter loop pipeline (*see* Table 8A-1 located in Appendix 8A).

### **Massachusetts**

#### *West Roxbury Lateral*

In Massachusetts, approximately 4.9 miles of new pipeline lateral (the West Roxbury Lateral) will be constructed as part of the AIM Project. This new pipeline will require a total of approximately 42.2 acres



of land during construction. The majority of the route is collocated within or adjacent to existing roadways and parking lots (*see* Table 8A-1 in Appendix 8A).

Pipeline construction in Massachusetts will temporarily impact approximately 34.5 acres of industrial or commercial land, approximately 4.4 acres of open land, approximately 2.1 acres of forest/woodland, and approximately 1.2 acres of residential land. No agricultural land or open waters will be impacted by the pipeline facilities in Massachusetts.

Although the majority of the route will be constructed by permit within existing roadways, Algonquin will also need to acquire permanent ROW. Approximately 4.5 acres of new permanent ROW for the West Roxbury Lateral will need to be acquired. This new permanent ROW includes approximately 2.2 acres of industrial or commercial land, 1.2 acres of open land, and 1.1 acre of forested land.

The AIM pipeline will also cross 39 paved roadways in Massachusetts and one railroad using either conventional open cut or road bore methods, depending on permit conditions. The majority of roads crossed in Suffolk County are co-located along Providence Hwy. (Route 1), Washington Street, Grove Street, and Centre Street as indicated in Table 8.3-2.

## **Mitigation Measures**

### **Open Land**

Since the pipeline ROW will be maintained as open land, there will be no permanent change in land use where the ROW crosses existing open land areas. Temporary impacts such as vegetation clearing or traffic congestion will be minimized and mitigated by implementing the AIM Project E&SCP best management practices and by restoring these sites to preconstruction conditions. The majority of the AIM Project involves open land associated with either Algonquin's existing ROW or other utility ROWs which are currently maintained as open land. Following construction, these areas will be restored and continue to function as open land.

### **Agricultural Land**

Following construction, all impacted agricultural land will be restored to its current conditions to the extent possible in accordance with Algonquin's E&SCP located in Resource Report 1, Appendix 1B and any specific requirements identified by landowners or state or federal agencies with regulatory jurisdiction over or interest in agricultural land. Although an additional 6.6 acres of agricultural land will be acquired as new permanent ROW by Algonquin, the continued use of these areas for agricultural activities will not affect operation of the proposed AIM pipeline.

Effects of construction on agricultural land will be minor and short-term. Algonquin will maintain landowner access to fields, storage areas, structures, and other agricultural facilities during construction and will maintain irrigation and drainage systems that cross the ROW to the extent practicable. Landowners will be compensated for crop losses and other damages caused by construction activities. Algonquin's landowner-compensation program will address temporary loss of productivity in affected areas after construction.

### **Forest/Woodland**

Forest/woodland cleared outside of the permanent ROW, along the temporary construction ROW and at the ATWS areas, will be allowed to revegetate to pre-construction conditions. Of the approximately 124





acres of temporary impacts to forest/woodland, 10 acres of forest/woodland will be permanently affected by O&M of the pipeline system. More detailed information is provided in Resource Report 3.

### Industrial/Commercial Land

Impacts to industrial and commercial properties will be restored to pre-construction conditions or as specified in specific landowner agreements. All road surfaces will be quickly reestablished so that normal access to area businesses can resume. Most often, access will be reestablished by the contractor's filling in the trench and leaving either a dirt surface or a rough coat of pavement to restore access. So that construction equipment will not tear up the road surface when traveling across it during construction, a separate contractor will usually come back later to do the final paving, at which time the road surface is permanently "restored" to pre-existing conditions. Crossing of private driveways will be coordinated with business owners so as to maintain vehicle access and minimize impacts. Steel plates and/or wood mats will be kept on-site at all times so that a temporary platform can be made across the trench should the need arise.

Municipal and private roads and driveways will be crossed using the open trench method or a type of boring method. In total, three roadways will be crossed using the HDD method. Where open trench techniques are used, appropriate traffic control measures will be implemented to maintain traffic flow and the roadway will be returned to preconstruction conditions. Algonquin will also adhere to all applicable road opening permit requirements to help ensure maintenance of traffic flow and safe driving conditions. See Section 1.5.1.3 of Resource Report 1 for more detailed information on construction and mitigation techniques associated with road crossings and traffic management.

### Residential

Special construction and restoration methods will be used at site specific locations to minimize residential neighborhood disruptions and to reduce impacts during construction. Disruption to residential utilities will be minimized by utilizing the local "One Call" system to locate utilities and by hand digging. In the event of a disruption of service, immediate steps would be taken to restore service such as calling the service provider and having repair clamps on site in the case of a residential water and sewer system. See Section 8.4 for additional information on residential areas and structures affected by the Project. At this time there are no planned restrictions to temporary or permanent land uses in residential areas. If this should change, any impacted residential areas would be restored to pre-construction conditions or as specified in specific landowner agreements. Compensation would be based on a market study of recent, like-zoned, local land sales conducted by a licensed real estate appraiser. In particular, crossing of any private driveways will be managed in such a way as to ensure that access to residential homes and businesses is maintained at all times. Also, during negotiations with landowners, pipeline crossing locations can be established for residents to drive across the ROW to access other parts of their property if desired.

### Open Water

Open water includes waterbodies greater than 100 feet in width and streams visible on aerial photography but less than 100 feet in width. The only waterbody greater than 100 feet in width that is crossed by the AIM pipeline is the Hudson River in Stony Point, New York (MP 3.0) to the Village of Buchanan, New York (MP 4.0). No permanent physical impacts to this waterbody are anticipated because the pipeline is proposed to be installed beneath the river bottom using the HDD method (*see* Table 8A-1 in Appendix 8A). Further information regarding waterbody crossings is described in Section 1.5.1.9 of Resource Report 1 and in Section 2.3.2 of Resource Report 2.

### 8.3.1.2 Aboveground Facilities

Construction at the aboveground facilities will temporarily disturb a total of approximately 101 acres of land (20 percent). However, the vast majority of the land area consists of Algonquin's existing compressor station and M&R Station facilities (*i.e.*, 63 acres of industrial/commercial land). The remaining land area (38 acres) is composed of either temporary workspace needed outside of existing aboveground facility fence lines for construction or land acquired by Algonquin for the three new M&R Station sites in Connecticut and Massachusetts.

Algonquin is in the preliminary design stage of the proposed modifications at the compressor stations and will provide final design specifications with final land use impacts in its anticipated February 2014 filing with the FERC. Total land use impacts (in acres) resulting from construction and operation of the AIM Project aboveground facilities are detailed in Table 8A-2 located in Appendix 8A and described below. Property for the existing aboveground facilities described below are either owned or leased by Algonquin, as indicated. As noted earlier, Algonquin will use the existing aboveground facility station sites as temporary workspace within the existing fence lines where feasible and where this is not feasible, locations of workspaces outside the existing fence lines are identified and discussed below and included in Table 8A-2 located in Appendix 8A. Work at the majority of these existing aboveground facilities will be conducted within existing property lines. Additionally, Algonquin will continue to maintain existing woodland on these aboveground facilities as visual buffers. Land uses for visual buffers following construction of the new aboveground facilities are discussed below.

#### **New York**

##### **Existing Compressor Stations**

**Stony Point Compressor Station, Town of Stony Point, Rockland County.** This existing compressor station is located west of Algonquin's existing mainline ROW along the *Haverstraw to Stony Point Take-up & Relay* pipeline segment at MP 3.26 and is accessed via Cedar Flats Road. The Stony Point Compressor Station site occupies approximately 15.3 acres within a larger 97.5-acre parcel of land owned by Algonquin. The developed station site is classified as industrial land while the remaining 82.2 acres of undeveloped land outside of the station fence line is comprised of forest, wetlands, and open land.

Approximately 20.2 acres of temporary construction workspace will be required at the existing Stony Point Compressor Station and consists of approximately 11.6 acres of industrial land, 7.6 acres of forest/woodland and 1 acre of open land. Algonquin is in the design process for the AIM Project compressor stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**Southeast Compressor Station, Town of Southeast, Putnam County.** This existing compressor station is sited just to the south of Interstate 84 along Algonquin's existing mainline ROW at MP 0.0 of the *Southeast to MLV-19 Take-up & Relay* pipeline segment and is accessed via Tulip Road. The Southeast Compressor Station site occupies approximately 10.2 acres within a larger 128.5-acre parcel of land owned by Algonquin. The developed station site is classified as industrial land while the remaining 118.3 acres of undeveloped land outside of the station fence line is comprised of forest and open lands.

Approximately 16 acres of temporary construction workspace will be required at the existing Southeast Compressor Station and includes approximately 11 acres of industrial/commercial land, 4.7 acres of forest/woodland and 0.19 acres of open land. Algonquin is in the design process for the AIM Project



compressor stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

#### Existing M&R Stations

**Stony Point M&R Station, Town of Stony Point, Rockland County.** This existing M&R station is situated along Algonquin's existing mainline ROW along the *Haverstraw to Stony Point Take-up & Relay* segment at MP 3.00. The station is accessed by Cedar Flats Road to the west and Algonquin's existing Stony Point Compressor Station site lies to the north. The developed station site is classified as industrial land and occupies approximately [TBD] acres of land within a larger 0.4-acre parcel of land leased by Algonquin.

Approximately 2.1 acres of temporary construction workspace will be required at the existing Stony Point M&R Station. Of this amount, approximately 1.7 acres of land outside the existing fence line consisting of forest/woodland (1.0 acres), open land (0.6 acres), open water (0.1 acres), and residential (0.04 acres) will be required. This land will be restored to its existing land use following construction. All of the temporary workspace required for this station site overlaps with the workspace associated with the *Haverstraw to Stony Point* pipeline segment (MP 2.99 - MP 3.09). Given the overlap, the station workspace has been accounted for in Table 8.3-1 and in Table 8A-1. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**Peekskill M&R Station, Town of Cortlandt (City of Peekskill), Westchester County.** This existing M&R station is situated along Algonquin's existing ROW along the *Stony Point to Yorktown Take-up & Relay* pipeline segment at MP 5.13 in the City of Peekskill. The site is surrounded by a mix of residential and commercial areas, a railroad ROW, Lower South Street, and Route 9A. There are no wetlands on the station site. The developed station site is classified as industrial land and occupies approximately 0.2 acres of land owned by Algonquin.

Approximately 3.0 acres of temporary construction workspace will be required at the existing Peekskill M&R Station. Of this amount, approximately 2.8 acres of land outside the existing fence line consisting of industrial land (1.7 acres), forest/woodland (0.2 acres), open land (0.2 acres), and residential (0.7 acres) will be required. This land will be restored to its existing land use following construction, and no additional land outside of the Peekskill M&R Station fence line will be required for operation of the modified facility. All of the temporary workspace required for this station site overlaps with the workspace associated with the *Stony Point to Yorktown Take-up & Relay* pipeline segment between MP 5.01 and MP 5.22. Given the overlap, the station workspace has been accounted for in Table 8.3-1 and in Table 8A-1. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**Cortlandt M&R Station, Town of Cortlandt, Westchester County.** This existing M&R station is situated along Algonquin's existing ROW along the *Stony Point to Yorktown Take-up & Relay* pipeline segment at MP 9.7. The existing site is bounded by existing overhead power lines on the west side along Croton Road and residential properties to the north. A wooded lot is located to the east of the station and a wetland area is located to the southeast. The developed station site is classified as industrial land and occupies approximately [TBD] acres of land within a larger 26.7-acre parcel of land leased by Algonquin.

Approximately 4.0 acres of temporary construction workspace will be required at the existing Cortlandt M&R Station. Of this amount, approximately 3.3 acres outside the existing fence line consisting of 0.2 acres of industrial/commercial, 1.44 acres of open land, and 1.3 acres of forest/woodland will be required.



This land will be restored to its existing land use following construction, and no additional land outside of the Cortlandt M&R Station fence line will be required for operation of the modified facility. All of the temporary workspace required with this station site overlaps with workspace associated with the *Stony Point to Yorktown Take-up & Relay* pipeline segment between MP 9.6 and MP 9.7. Given the overlap, this station workspace has been accounted for in Table 8.3-1 and in Table 8A-1. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

## **Connecticut**

### **Existing Compressor Stations**

**Cromwell Compressor Station, Town of Cromwell, Hartford/Middlesex Counties.** This existing compressor station is situated along Algonquin's existing ROW at the start of the *Line 36A Cromwell Loop Extension* pipeline segment. It is primarily surrounded by woodland and wetlands and is accessed off of Shunpike Road on the west side of the property. The Cromwell Compressor Station site occupies approximately 11.1 acres within a larger 38.2-acre parcel of land owned by Algonquin. The developed station site is classified as industrial land while the remaining [TBD] acres of undeveloped land outside of the station fence line is comprised of forest, wetlands, and open land.

Approximately 17.4 acres of temporary construction workspace will be required at the existing Cromwell Compressor Station and consists of approximately 11.8 acres of industrial land, 5.4 acres of forest/woodland, and 0.2 acres of open land. Algonquin is in the design process for the AIM Project compressor stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**Chaplin Compressor Station, Town of Chaplin, Windham County.** This existing compressor station is located off of Tower Hill Road in Chaplin and is surrounded by woodland. It is situated along Algonquin's existing Line-30B and Line-36B System ROW. The Chaplin Compressor Station site occupies approximately 8.1 acres within a larger 296.1-acre parcel of land owned by Algonquin. The developed station site is classified as industrial land while the remaining [TBD] acres of undeveloped land outside of the station fence line is comprised of forest and open land.

Approximately 11.5 acres of temporary construction workspace will be required at the existing Chaplin Compressor Station and consists of approximately 7.0 acres of industrial/commercial land, 3 acres of forest/woodland, and 1.5 acres of open land. Algonquin is in the design process for the AIM Project compressor stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

### **Proposed New M&R Stations**

**Oakland Heights M&R Station, City of Norwich, New London County.** Algonquin is evaluating a new M&R station site along its existing E-3 System pipeline ROW in the City of Norwich (*i.e.*, Oakland Heights M&R Station). The study area for the proposed site is approximately 3.7 acres and will be accessed from Oakland Heights residential community located to the north. The surrounding areas to the east and south are forested and the existing E-3 System Pipeline ROW runs along the western boundary of the site. The entire site is currently wooded and will require tree clearing to facilitate construction and operation of the new M&R station. Construction and operation of the new M&R station will impact [TBD] acres of existing forest/woodland. Algonquin is in the design process for the AIM Project M&R



stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

#### Proposed Station Rebuilds

**Willimantic M&R Station, Town of Windham, Windham County.** The existing Willimantic M&R station is situated along Algonquin's existing E-2 System ROW on South Street. The developed station site is classified as industrial land and occupies approximately 0.2 acres of land within a larger 0.3-acre parcel of land owned by Algonquin. Algonquin proposes to rebuild the Willimantic M&R Station on an adjacent parcel of land to be acquired by Algonquin. The parcel Algonquin is considering is a wooded lot located south of the existing station along South Street. Tree clearing will be necessary on the adjacent parcel to allow for construction and operation of the rebuilding of the M&R station. Wetlands and cultural resource surveys have not been completed at the potential site yet.

Approximately 1.5 acres of temporary construction workspace will be required at the existing Willimantic M&R Station consisting of 1.2 acres of forest/woodland and 0.3 acres of industrial land. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**Guilford M&R Station, Town of Guilford, New Haven County.** This existing facility is situated along Algonquin's existing C-5 System Pipeline ROW. The developed station site is classified as industrial land and occupies approximately 0.5 acres of land within a larger 1.3-acre parcel of land leased by Algonquin. The site is accessed by Boston Post Road (Route 1) and is primarily surrounded by woodland with a large wetland to the east. Algonquin proposes to rebuild the Guilford M&R Station within the existing footprint of the facility.

Approximately 0.5 acres of temporary construction workspace will be required at the existing Guilford M&R Station and will be contained within the existing fence line. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**Glastonbury M&R Station, Town of Glastonbury, Hartford County.** Algonquin proposes to tear down the existing Glastonbury M&R Station and completely rebuild it within the existing fence line. The developed station site is classified as industrial land and occupies approximately 0.4 acres of land within a larger 6.7-acre parcel of land leased by Algonquin. This existing M&R station is situated on a steep wooded slope along Algonquin's existing P-1 System ROW and is accessed by Chalker Hill Road.

Approximately 0.8 acres of temporary construction workspace will be required at the existing Glastonbury M&R Station. Of this amount, approximately 0.4 acres of forest/woodland outside the existing fence line will be required. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

#### Existing M&R Stations

The following AIM existing M&R stations are existing industrial sites located within previously disturbed lands.

**West Danbury M&R Station, City of Danbury, Fairfield County.** This existing facility is located along Algonquin's existing ROW at approximate MP 1.22 of the *Southeast to MLV-19* pipeline segment. It is surrounded by woodland and is accessed from Union Carbide Road. Algonquin's existing ROW is





located to the south side of the site. Based on field reconnaissance, a new residential and commercial development is currently under construction uphill along Union Carbide Road (approximately 0.05 miles away from the site). The developed station site is classified as industrial land and occupies approximately 0.3 acres of land within a larger 24.5-acre parcel of land leased by Algonquin.

Approximately 3.0 acres of temporary construction workspace will be required at the existing West Danbury M&R Station. Of this amount, approximately 2.7 acres of temporary workspace outside the existing fence line will be required consisting of 1.5 acres forest/woodland and 1.2 acres of open land. All of the temporary workspace required for this facility overlaps with workspace associated with the *Southeast to MLV-19 Take-up & Relay* pipeline segment between MP 1.13 and MP 1.22. Given the overlap, this station workspace has been accounted for in Table 8.3-1 and in Table 8A-1. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**Middletown M&R Station, Town of Middletown, Middlesex County.** This existing facility is situated along Algonquin's existing W-2/W-1 System ROW. The site is located off of River Road and is bordered by woodland on the west, south and east sides. A railroad ROW and large industrial complex are located directly across the road from the M&R station on the bank of the Connecticut River. The developed station site is classified as industrial land and occupies approximately 0.2 acres of land within a larger 424.0-acre parcel of land leased by Algonquin.

Approximately 1.0 acres of temporary construction workspace will be required at the existing cleared Middletown M&R Station. Of this amount, approximately 0.8 acres of industrial/commercial land outside the existing fence line will be required. This land will be restored to its existing land use following construction, and no additional land outside of the Middletown M&R Station fence line will be required for operation of the modified facility. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**Pomfret M&R Station, Town of Pomfret, Windham County.** This existing facility is situated along Algonquin's existing L30B System ROW. It is primarily bordered by forest/woodland with a few residential properties located nearby. Access to the site is via Wrights Crossing Road, which directly abuts the property on the east side. The developed station site is classified as industrial land and occupies approximately 0.3 acres of land within a larger 0.4-acre parcel of land leased by Algonquin.

Approximately 0.4 acres of temporary construction workspace will be required at the existing cleared Pomfret M&R Station. Of this amount, approximately 0.1 acres of industrial/commercial land outside the existing fence line will be required. This land will be restored to its existing land use following construction, and no additional land outside of the Pomfret M&R Station fence line will be required for operation of the modified facility. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**Putnam M&R Station, Town of Putnam, Windham County.** The existing facility is located along Algonquin's existing F-1 System ROW at the corner of Arch Street and Brookside Street in the Town of Putnam. The developed station site is classified as industrial land and occupies approximately 0.2 acres of land within a larger 0.5-acre parcel of land owned by Algonquin.

Approximately 0.6 acres of temporary construction workspace will be required at the existing cleared Putnam M&R Station. Of this amount, approximately 0.4 acres of industrial/commercial land outside the existing property/fence line will be required. This land will be restored to its existing land use following



construction, and no additional land outside of the Putnam M&R Station fence line will be required for operation of the modified facility. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**Southbury M&R Station, Town of Southbury, New Haven County.** The existing Southbury M&R Station is situated along Algonquin's existing Line-30B System Pipeline ROW. The site is accessed through an office park located off of Kettletown Road and is bordered by woodland. The developed station site is classified as industrial land and occupies approximately 0.3 acres of land within a larger 250-acre parcel of land leased by Algonquin.

Approximately 0.7 acres of temporary construction workspace will be required at the existing Southbury M&R Station. Of this amount, approximately 0.4 acres of forest/woodland outside the existing fence line will be required. This land will be restored to its existing land use following construction, and no additional land outside of the Southbury M&R Station fence line will be required for operation of the modified facility. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**Waterbury M&R Station, City of Waterbury, New Haven County.** This existing facility is situated along Algonquin's existing B-1/B-1L System ROW. It is bordered by Highland Avenue to the east and Bristol Street to the north. Residential properties are located to the north of the site across Bristol Street and commercial properties are located to the east and south of the site. The west side of the site is wooded. The developed station site is classified as industrial land and occupies approximately 0.3 acres of land within a larger 0.4-acre parcel of land owned by Algonquin.

Approximately 0.3 acres of temporary construction workspace will be required at the existing cleared Waterbury M&R Station. No land outside the existing fence line will be required for temporary workspace, construction or operation of the modified facility. All work will be conducted within the existing fence line. No tree clearing is required at this site. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**North Haven M&R Station, Town of North Haven, New Haven County.** This existing facility is located at the intersection of Algonquin's C-5 System and C-1/C-1L System Pipeline ROWs. It is accessed via Laydon Avenue on the south side. It is bordered by a railroad ROW, residential properties and woodland. The developed station site is classified as industrial land and occupies approximately 0.5 acres of land within a larger 1.1-acre parcel of land owned by Algonquin.

Approximately 0.5 acres of temporary construction workspace will be required at the existing cleared North Haven M&R Station. No land outside the existing fence line will be required for temporary workspace, construction or operation of the modified facility. All work will be conducted within the existing fence line. No tree clearing is required at this site. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**Farmington M&R Station, Town of Farmington, Hartford County.** This existing facility is situated along Algonquin's existing M-1L/M-2 System ROW. The site is accessed via Johnson Avenue and is bordered by an industrial/commercial property, forested wetlands and a stream, and open land. The developed station site is classified as industrial land and occupies approximately 0.3 acres of land within a larger 0.4-acre parcel of land leased by Algonquin.



Approximately 0.4 acres of temporary construction workspace will be required at the existing Farmington M&R Station. Of this amount, approximately 0.1 acres of forest/woodland outside the existing fence line will be required. This land will be restored to its existing land use following construction, and no additional land outside of the Farmington M&R Station fence line will be required for operation of the modified facility. No wetlands will be impacted at the site. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**Salem Pike M&R Station, Town of Norwich, New London County.** This existing M&R station is situated along Algonquin's existing E-1/E-6 System Pipeline ROW. It is accessed via Old Salem Road and is bordered by Kellogg Way and Route 82 (Salem Turnpike). It is located approximately 1.5 miles north of Algonquin's existing Montville M&R Station. The developed station site is classified as industrial land and occupies approximately 0.2 acres of land leased by Algonquin.

Approximately 0.2 acres of temporary construction workspace will be required at the existing Salem Pike M&R Station. Of this amount, approximately 0.1 acres of industrial/commercial land outside the existing fence/property line will be required. This land will be restored to its existing land use following construction, and no additional land outside of the Salem Pike M&R Station fence line will be required for operation of the modified facility. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**Montville M&R Station, Town of Montville, New London County.** This existing M&R station is situated at the start of Algonquin's *E-1 System Lateral Loop* segment (MP 0.0). It is primarily bordered by forest/woodland and residential homes and is accessed via Fitch Hill Road. The developed station site is classified as industrial land and occupies approximately [TBD] acres of land within a larger 6.5-acre parcel of land leased by Algonquin.

Approximately 0.7 acres of temporary construction workspace will be required at the existing Montville M&R Station. All of the temporary workspace required for this station site overlaps with the workspace associated with the *E-1 System Lateral Loop* ROW. Given the overlap, the station workspace has been accounted for in Table 8.3-1 and in Table 8A-1. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

## **Rhode Island**

**Burrillville Compressor Station, Town of Burrillville, Providence County.** This existing compressor station is situated along Algonquin's existing Line-30B mainline ROW and 24" main line as well. It is accessed via Wallum Lake Road in Burrillville and located within a large track of forest land. The Burrillville Compressor Station site is classified as industrial land and occupies approximately 10.2 acres of land within a larger 269.7-acre parcel of land owned by Algonquin.

Approximately 16.5 acres of temporary construction workspace will be required at the existing Burrillville Compressor Station and consists of approximately 11.6 acres of industrial and 5.9 acres of forest/woodland. Algonquin is still evaluating the extent of the compressor station work needed for the AIM Project and will provide land use impacts in its anticipated February 2014 filing with the FERC.





## **Massachusetts**

### **Proposed New M&R Stations**

**Assonet M&R Station, Town of Freetown, Bristol County.** Algonquin is proposing to build this new M&R station on land currently owned and operated by Algonquin at its existing North Fall River M&R Station site. This site is situated along Algonquin's existing G-30 System ROW and is predominantly bordered by industrial/commercial complexes to the north, west, and south with an open parcel of land abutting the east side. Access to the site is via South Main Street on the east side. The developed station site is classified as industrial land and occupies approximately 0.3 acres of land within a larger 12.2-acre parcel of land leased by Algonquin.

Approximately 1.3 acres of land will be required for construction and operation of the new Assonet M&R Station and for modifications to the existing North Fall River M&R. (see "Existing M&R Stations" below for discussion of modifications to North Fall River M&R). Of this amount, approximately 1.0 acres of land outside the existing fence line of the North Fall River M&R will be required for construction and operation of the new Assonet M&R Station. This land consists of forest/woodland (0.7 acres), open land (0.2 acres), and industrial (0.1 acres). Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with FERC.

**West Roxbury M&R Station, City of Boston, Suffolk County.** Algonquin is under contract to purchase approximately 4.11 acres for the West Roxbury M&R Station site. The proposed West Roxbury M&R Station site is an undeveloped parcel located at the northern end of the proposed *West Roxbury Lateral* pipeline segment in West Roxbury within the City of Boston between MP 4.18 and MP 4.28 along Grove Street. The parcel is currently zoned as residential (refer to Section 8.5.2 for more details regarding this property and its historic and current status). A wetland is located on the site and residential properties are found to the north, west and south. The West Roxbury Crushed Stone Quarry lies directly across Grove Street from the M&R station site on a 52-acre property.

Construction and operation of the new West Roxbury M&R Station will impact approximately 2.0 acres of existing forest/woodland. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

### **Existing M&R Stations**

**New Bedford M&R Station, City of New Bedford, Bristol County.** This existing facility is situated along Algonquin's existing G-3/G-3L System ROW. The site is bordered by woodland on the north and west and industrial/commercial properties to the south and east. The M&R station is accessed via Shawmut Avenue. The developed station site is classified as industrial land and occupies approximately 1.8 acres of land within a larger 3.3-acre parcel of land leased by Algonquin.

Approximately 1.8 acres of temporary construction workspace will be required at the existing cleared New Bedford M&R Station. No land outside the existing fence line will be required for temporary workspace, construction or operation of the modified facility. All work will be conducted within the existing fence line. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**North Fall River M&R Station, Town of Freetown, Bristol County.** This existing facility is situated along Algonquin's existing G-30 System ROW. It is bordered by industrial/commercial properties to the



north and west and woodland to the south and east. Access to the site is via South Main Street. The developed station site is classified as industrial land and occupies approximately 0.3 acres of land leased by Algonquin.

Approximately 0.4 acres of temporary construction workspace within the existing fence line will be required for modifications at this existing station. This land is classified as industrial. Please refer to the Assonet M&R Station description above for additional impacts to land uses at this property. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**Brockton M&R Station, Town of Brockton, Plymouth County.** This existing facility is situated along Algonquin's existing I-2/I-2L System ROW. The M&R station is located next to an industrial/commercial property and associated paved parking lot. A small woodlot lies to the south of the station. The developed station site is classified as industrial land and occupies approximately 0.2 acres of land within a larger 0.4-acre parcel of land owned by Algonquin.

Approximately 0.5 acres of temporary construction workspace will be required at the existing cleared Brockton M&R Station. Of this amount, approximately 0.3 acres of industrial/commercial land outside the existing fence line/property line will be required. This land will be restored to its existing land use following construction, and no additional land outside of the Brockton M&R Station fence line will be required for operation of the modified facility. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**Middleborough M&R Station, Town of Middleborough, Plymouth County.** This existing facility is situated along Algonquin's existing G-7 System ROW. The site is primarily bordered by forest/woodland with a residential property located to the east. The site is accessed from Wareham Street (Route 28). The developed station site is classified as industrial land and occupies approximately 0.8 acres of land within a larger 2.8-acre parcel of land owned by Algonquin.

Approximately 1.1 acres of temporary construction workspace will be required at the existing cleared Middleborough M&R Station. Of this amount, approximately 0.3 acres outside the existing fence line will be required. This land is characterized as industrial land (0.1 acres) and forest/woodland (0.2 acres). This land will be restored to its existing land use following construction, and no additional land outside of the Middleborough M&R Station fence line will be required for operation of the modified facility. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**Wellesley M&R Station, Town of Wellesley, Norfolk County.** This existing facility is situated along Algonquin's existing J-5/J-1 System ROW. The site is bordered by industrial/commercial properties on the west, woodland on the north and south, and the Charles River on the east. The developed station site is classified as industrial land and occupies approximately 0.3 acres of land within a larger 1.5-acre parcel of land leased by Algonquin.

Approximately 0.5 acres of temporary construction workspace will be required at the existing cleared Wellesley M&R Station. Of this amount, approximately 0.2 acres of industrial/commercial land outside the existing fence line will be required. This land will be restored to its existing land use following construction, and no additional land outside of the Wellesley M&R Station fence line will be required for operation of the modified facility. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.



**Needham M&R Station, Town of Needham, Norfolk County.** This existing facility is situated along Algonquin's existing Mainline ROW. The site is in a rural residential area and is bordered by open land and woodland. The site is accessed via Charles River Street. The developed station site is classified as industrial land and occupies approximately 0.4 acres of land within a larger 1.0-acre parcel of land leased by Algonquin.

Approximately 0.6 acres of temporary construction workspace will be required at the existing cleared Needham M&R Station. Of this amount, approximately 0.1 acre of open land and 0.1 acre of forest/woodland outside the existing fence line will be required. No wetlands were visible on the site and no tree clearing is expected at this site. This land will be restored to its existing land use following construction, and no additional land outside of the Needham M&R Station fence line will be required for operation of the modified facility. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**Norwood M&R Station, Town of Norwood, Norfolk County.** This existing facility is situated along Algonquin's existing I-5 System ROW. The site is bordered by residential areas to the north, an industrial /commercial site to the east and west, and a wooded area to the south along the Neponset River. The site is accessed via Dean Street to the north. The developed station site is classified as industrial land and occupies approximately 0.2 acres of land owned by Algonquin.

Approximately 0.8 acres of temporary construction workspace will be required at the existing cleared station. Of this amount, approximately 0.6 acres of industrial land outside the existing fence line will be required. This land will be restored to its existing land use following construction, and no additional land outside of the Norwood M&R Station fence line will be required for operation of the modified facility. No tree clearing is required at this site. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

**Mystic M&R Station, City of Medford, Middlesex County.** This existing facility is situated along Algonquin's existing J-1 System ROW. The site is bordered by industrial/commercial properties on the west and south, Interstate 93 to the east and the Mystic Valley Parkway (Route 16) to the north. The developed station site is classified as industrial land and occupies approximately 0.2 acres of land within a larger 0.9-acre parcel of land leased by Algonquin.

Approximately 0.4 acres of temporary construction workspace will be required at the existing station. Of this amount, approximately 0.2 acres of industrial land outside the existing fence line will be required. This land will be restored to its existing land use following construction, and no additional land outside of the Mystic M&R Station fence line will be required for operation of the modified facility. No tree clearing or wetland impacts will occur at this site. Algonquin is in the design process for the AIM Project M&R stations and will update the land use impacts as necessary in its anticipated February 2014 filing with the FERC.

### **Other Aboveground Facilities**

A total of five existing MLVs will be modified as part of the AIM Project. All MLVs will be located within the permanent ROW for the AIM pipelines. All land used for construction of the MLVs will be within the construction ROW. There will be no additional land requirements for construction or operation of the MLVs. Refer to Table 1.3-2 in Resource Report 1 for additional information on these facilities.



Additional permanent easement may be required at some of the launcher and receiver locations, dimensions to be provided upon completion of initial pipeline design, as each facility location is comprised of varying topography, existing easement dimensions, and site access availability. Refer to Table 1.3-2 in Resource Report 1 for additional information on these facilities.

### 8.3.1.3 Access Roads

Refer to Section 1.4.3 and Table 1.4-4 in Resource Report 1 for a discussion and full list of access roads associated with the AIM Project.

### 8.3.1.4 Pipe Yards and Contractor Ware Yards

A listing of pipe yards and contractor ware yards will be provided in the Resource Reports to be filed with the FERC anticipated in February, 2014. See Section 1.4.4 in Resource Report 1 for further information.

### 8.3.1.5 Additional Temporary Workspace/Staging Areas

ATWS, which are sometimes referred to as staging areas, are required in site-specific locations for the safe construction of the pipeline facilities. Site-specific locations can include areas needed for: utility crossovers and existing pipeline crossovers; wetland and waterbody crossings; topsoil segregation; extra depth trench required; shallow bedrock along location of trench; road crossings; parking areas; disposal of excess blast rock; and spread move-arounds. ATWS supplements the typical temporary workspace associated with the construction ROW. The total additional area required for ATWS along the AIM pipeline route is approximately 57.4 acres. A list of ATWS located along the AIM pipeline is provided in Table 8.3-1 and are identified on the Project Alignment Sheets (Appendix 1A of Resource Report 1) and depicted on Figure 8.2-1 located in Appendix 8B. These ATWS areas are typically located at least 50 feet away from the edge of wetlands or waterbodies. Algonquin has evaluated each of the proposed ATWS locations for wetland and waterbody crossings along the AIM pipeline route, and has identified certain areas where site-specific conditions do not allow for a 50-foot setback. Table 2.3-3 located in Resource Report 2 identifies each location where a variance from the FERC Procedures is requested and provides justification for each variance.

TABLE 8.3-1						
Location of ATWS along the AIM Pipeline						
Facility, County	Approximate MP	Side of Construction Work Area	Approximate size (feet)	Acres	Existing Land Use	Justification
<b>New York</b>						
<u>Rockland County</u>						
<i>Haverstraw to Stony Point Take-up &amp; Relay</i>	0.0	RIGHT	100 x 150	0.34	I/C, F	Valve Site 13B
	0.10	RIGHT	35 x 200	0.16	F	Valve Site 13B
	0.32	LEFT	110 x 330	0.83	O, I/C, R	Waterbody and road crossing
	0.64	LEFT	65 x 100	0.15	F	Wetland
	0.70	LEFT	50 x 415	0.47	F	Wetland
	0.90	LEFT	50 x 350	0.40	F	Wetland
	1.02	LEFT	90 x 350	0.72	F, R	Wetland
	1.16	LEFT	43 x 635	0.63	F, R	Road crossing

TABLE 8.3-1

Location of ATWS along the AIM Pipeline

Facility, County	Approximate MP	Side of Construction Work Area	Approximate size (feet)	Acres	Existing Land Use	Justification
	2.10	LEFT	80 x 600	1.10	O, I/C, F	Road crossing (Palisades Interstate Parkway)
	2.10	RIGHT	30 x 450	0.31	O, I/C, F	Road crossing (Palisades Interstate Parkway)
	2.93	LEFT	30 x 290	0.20	F, R	Highway 210 crossing and wetland
	2.96	RIGHT	60 x 200	0.28	I/C, F, OW, O	Highway 210 crossing and wetland
	3.00	LEFT	80 x 172	0.32	I/C, F	Stony Point M&R Station Tap
	3.01	LEFT	43 x 100	0.10	I/C, F	Stony Point M&R Station material
<u>Rockland County</u>						
<i>Stony Point to Yorktown Take-up &amp; Relay</i>	0.33	LEFT	43 X 100	0.10	F	Stream crossing
	0.38	LEFT	50 x 150	0.17	F, R	Stream crossing
	0.43	RIGHT	87 x 211	0.21	O, I/C, R	Road crossing
	0.66	RIGHT	68 x 173	0.13	R	Road crossing
	0.69	LEFT	64 x 126	0.19	I/C, R	Road crossing
	1.35	LEFT	55 x 124	0.16	F, I/C	Road crossing
	1.37	RIGHT	48 x 119	0.13	F, I/C, R	Road crossing
	1.62	RIGHT	50 x 227	0.26	F, I/C	Road crossing
	2.00	LEFT	5 x 423	0.04	O	Wetland
	2.00	RIGHT	20 x 421	0.19	R, F	residential
	2.14	LEFT	10 x 368	0.08	R, F	Road crossing
	2.20	RIGHT	28 x 580	0.37	R, O	Road crossing, residential
	2.47	LEFT	45 x 260	0.27	F	
	4.94	LEFT	35 x 140	0.11	I/C, O, F	Road crossing
<u>Westchester County</u>						
<i>Stony Point to Yorktown Take-up &amp; Relay</i>	4.94	RIGHT	40 x 146	0.13	I/C, O, F	Road crossing
	5.00	LEFT	35 x 50	0.04	I/C, O, F	Wetland
	5.28	LEFT	42 x 400	0.39	F	State Highway 9 crossing
	5.28	LEFT	288 x 200	1.32	F	State Highway 9 crossing / Wetlands
	5.40	LEFT	35 x 100	0.08	F	Wetlands
	5.68	LEFT	35 x 100	0.08	F	Wetland and road crossing
	5.80	LEFT	100 x 250	0.29	F	Road crossing
	6.03	LEFT	40 x 232	0.21	F, I/C	Road crossing
	6.18	LEFT	35 x 100	0.08	F	Wetland

TABLE 8.3-1

Location of ATWS along the AIM Pipeline

Facility, County	Approximate MP	Side of Construction Work Area	Approximate size (feet)	Acres	Existing Land Use	Justification
	6.23	LEFT	35 x 100	0.08	F	Wetland
	6.37	RIGHT	103 x 506	1.20	F	Along TAR 7.0
	6.80	LEFT	43 x 100	0.10	O, F	Wetland
	6.90	LEFT	43 x 100	0.10	O, F	Wetland
	6.97	LEFT	35 x 100	0.08	F	Wetland
	7.10	LEFT	15 x 697	0.24	O	Wetland
	7.22	LEFT	35 x 522	0.42	F	Road crossing / Wetland
	7.60	LEFT	35 x 100	0.08	A	Agricultural lands
	7.64	LEFT	35 x 100	0.08	A	Agricultural lands
	7.70	LEFT	35 x 100	0.08	A	Agricultural lands, road crossing
	7.77	LEFT	43 x 100	0.10	F	Wetland
	7.83	LEFT	57 x 152	0.20	F, I/C	Road crossing / wetland
	7.90	LEFT	50 x 100	0.11	F	Wetland
	8.18	LEFT	50 x 373	0.43	F	Wetland
	8.30	LEFT	71 x 256	0.41	F	Wetland
	8.50	RIGHT	26 x 88	0.05	R, I/C	Road crossing, residential
	8.60	LEFT	35 x 174	0.14	F, I/C	Road crossing, residential
	8.73	RIGHT	43 x 183	0.18	R	Road crossing, residential
	8.82	RIGHT	50 x 100	0.11	F	Residential
	8.90	RIGHT	50 x 100	0.11	F	Wetland
	9.00	LEFT	30 x 200	0.14	R, I/C	Road crossing, wetland
	9.01	RIGHT	50 x 158	0.18	O, I/C	Road crossing
	9.20	RIGHT	73 x 238	0.40	R	Residential / Road crossing
	9.23	LEFT	240 x 120	0.66	R, F	Residential / wetland
	9.40	LEFT	105 x 208	0.50	R, I/C	Road crossing
	9.50	RIGHT	64 x 214	0.31	F	Road crossing
	9.60	RIGHT	20 x 581	0.27	F	Road crossing
	9.61	LEFT	30 x 300	0.21	F	Road crossing, wetland
	9.87	RIGHT	50 x 105	0.12	I/C	Road crossing
	9.88	LEFT	30 x 217	0.15	I/C, F	Cortland M&R
	10.08	LEFT	100 x 169	0.39	R, O, F	Wetland / road crossing
	10.23	LEFT	35 x 100	0.08	F	Wetland
	10.42	LEFT	36 x 100	0.08	F, I/C	Wetland / road crossing
	10.42	RIGHT	21 x 150	0.07	F	Road crossing

TABLE 8.3-1

Location of ATWS along the AIM Pipeline

Facility, County	Approximate MP	Side of Construction Work Area	Approximate size (feet)	Acres	Existing Land Use	Justification
	10.48	LEFT	35 x 100	0.08	F	Wetland / road crossing
	10.53	LEFT	35 x 100	0.08	F	Wetland
	10.88	LEFT	35 x 100	0.08	F	Wetland
	10.96	LEFT	35 x 100	0.08	F	Wetland
	10.99	LEFT	35 x 100	0.08	F	Wetland
	11.10	LEFT	35 x 100	0.08	F	Wetland
	11.32	LEFT	35 x 100	0.08	F	Wetland
	11.38	LEFT	35 x 100	0.08	F	Wetland
	11.65	LEFT	85 x 350	0.68	F	Road crossing / wetland
	11.65	RIGHT	10 x 350	0.08	F	Road crossing / wetland
<b>Connecticut</b>						
<u>Fairfield County</u>						
<i>Southeast to MLV-19 Take-up &amp; Relay</i>	0.30	LEFT	45 x 723	0.75	F, I/C	Road crossing and waterbody/wetland
	0.54	LEFT	50 x 625	0.72	F, I/C	Road crossing and wetland
	0.70	LEFT	50 x 180	0.20	F	Wetland
	0.95	RIGHT	100 x 595	1.36	F, IC	Road crossing and wetland
	1.00	RIGHT	50 x 79	0.09	F	Wetland
	1.13	RIGHT	60 x 200	0.28	F	Wetland
	1.13	LEFT	58 x 256	0.34	F	Wetland
	1.17	LEFT	35 x 235	0.19	F, I/C	Wetland
	1.28	LEFT	25 x 1,165	0.67	F	Wetland and road crossings
	1.28	RIGHT	125 x 1,100	3.16	F	I-84 crossing (HDD entry/exit)
	1.90	BOTH	313 x 282	2.02	I/C	(HDD entry/exit)
	2.00	RIGHT	50 x 155	0.18	I/C	Road crossing
	2.39	RIGHT	58 x 125	0.17	R	Overhead utility line and road crossing
	2.42	LEFT	52 x 110	0.13	R, I/C	Overhead utility line and road crossing
	2.65	LEFT	42 x 100	0.09	F	Wetland
	2.75	LEFT	49 x 100	0.11	F	Wetland
	2.97	LEFT	75 x 200	0.34	F	Wetland
	3.23	LEFT	30 x 375	0.29	F, F	Wetland and road crossing
	3.38	LEFT	50 x 100	0.11	R, I/C	Overhead utility line
	3.39	RIGHT	35 x 300	0.24	F, I/C	Road crossing
	3.41	LEFT	39 x 91	0.08	F	Wetland



TABLE 8.3-1

Location of ATWS along the AIM Pipeline

Facility, County	Approximate MP	Side of Construction Work Area	Approximate size (feet)	Acres	Existing Land Use	Justification
	3.50	RIGHT	40 x 145	0.13	F, O	Waterbody, wetland, and stream crossing
	3.59	LEFT	25 x 500	0.29	F	Wetland
	3.90	RIGHT	59 x 175	0.24	F, I/C	Overhead utility line and wetland/waterbody
	4.29	LEFT	40 x 75	0.07	R, I/C	Road crossing
	4.38	RIGHT	25 x 530	0.30	F, O	Pipeline tie-in
	4.39	LEFT	146 x 284	0.95	R	Pipeline tie-in
<u>Middlesex County</u>						
<i>Line 36A Loop Extension</i>	0.12	LEFT	35 x 100	0.08	F	Wetland
	0.22	LEFT	15 x 1,570	0.54	A	Agricultural
	0.74	LEFT	35 x 100	0.08	F	Wetlands
	0.97	LEFT	43 x 100	0.10	A	Wetland
	1.13	LEFT	43 x 150	0.15	A	Wetland
	1.35	LEFT	25 x 100	0.06	F	Wetland
	1.63	RIGHT	60 x 200	0.28	A, I/C	Creek crossing
	1.64	RIGHT	100 x 150	0.34	A, I/C	Creek crossing
	1.74	RIGHT	25 x 50	0.02	A, I/C	Road (TAR 1.8)
<u>Hartford County</u>						
<i>Line 36A Loop Extension</i>	1.74	RIGHT	25 x 50	0.02	A, I/C	Road crossing
	1.75	RIGHT	15 x 440	0.15	A, I/C	Agricultural
	2.0	RIGHT	100 x 225	0.52	F	Receivers / crossovers
<u>New London County</u>						
<i>E-1 System Lateral Take-up &amp; Relay</i>	0.0	LEFT	35 x 150	0.12	F	Launcher / receiver
	0.07	LEFT	50 x 100	0.11	F	Wetland
	0.65	LEFT	50 x 100	0.11	F	Waterbody crossing
	0.68	LEFT	50 x 100	0.11	F	Waterbody / wetland crossing
	0.84	LEFT	50 x 250	0.28	F, I/C	Road crossing
	0.85	LEFT	86 x 100	0.19	F	Road crossing
	1.20	RIGHT	50 x 100	0.11	F	Overhead power lines stream crossing
	1.21	RIGHT	50 x 100	0.11	F	Overhead power lines stream crossing
	1.79	RIGHT	50 x 100	0.11	A	Wetland
	1.90	LEFT	50 x 294	0.33	A, I/C	Highway crossing
	1.92	RIGHT	50 x 50	0.05	A, O	Wetland and highway crossing
	2.32	LEFT	50 x 200	0.22	A	Agricultural,



TABLE 8.3-1

Location of ATWS along the AIM Pipeline

Facility, County	Approximate MP	Side of Construction Work Area	Approximate size (feet)	Acres	Existing Land Use	Justification
						wetlands
	2.42	LEFT	50 x 100	0.11	A	Agricultural, wetlands
	2.43	LEFT	50 x 100	0.11	A	Agricultural, wetlands
	2.51	LEFT	50 x 200	0.22	A, F	Agricultural, wetlands
	2.64	LEFT	50 x 100	0.11	O	Wetlands
	2.90	LEFT	50 x 100	0.11	F	Wetlands
	3.08	LEFT	50 x 288	0.33	F, I/C	Road crossing, industrial site
	3.27	LEFT	50 x 100	0.11	F	Wetlands
	3.28	LEFT	50 x 100	0.11	F	Wetlands
	3.37	LEFT	50 x 100	0.11	F	Wetlands
	3.55	LEFT	50 x 100	0.11	F, A	Wetlands
	3.75	LEFT	50 x 100	0.11	F	Stream crossing
	3.76	LEFT	50 x 100	0.11	F	Stream crossing
	4.11	LEFT	50 x 100	0.11	O	Wetland
	4.42	LEFT	50 x 100	0.11	O	Wetlands
	4.46	LEFT	50 x 100	0.11	O	Wetlands and stream crossing
	4.53	LEFT	50 x 100	0.11	O	Stream crossing
	4.67	LEFT	50 x 100	0.11	O	Stream crossing
	4.70	LEFT	50 x 100	0.11	O	Stream crossing
	4.78	LEFT	50 x 100	0.11	O	Stream crossing
	4.84	LEFT	50 x 100	0.11	O	Stream crossing
	4.89	LEFT	50 x 150	0.17	O	Stream crossing
	4.90	LEFT	50 x 100	0.11	O	Stream crossing and wetland
	5.00	LEFT	50 x 100	0.11	O	Stream crossing and wetland
	5.05	RIGHT	50 x 100	0.11	F	Stream crossing and wetland
	5.26	RIGHT	50 x 100	0.11	F	Stream crossing and wetland
	5.54	LEFT	50 x 250	0.28	O	Stream crossing and wetlands
	5.65	LEFT	50 x 100	0.11	O	Wetlands and Overhead transmission lines
	5.80	LEFT	50 x 100	0.11	F	Rail road crossing and wetlands
	5.82	LEFT	50 x 62	0.07	F	Rail road crossing and wetlands
	5.86	LEFT	50 x 100	0.11	F	Wetlands
	6.00	LEFT	50 x 353	0.40	F	Road crossing
	6.01	LEFT	50 x 100	0.11	F	Stream and wetland crossing

TABLE 8.3-1

Location of ATWS along the AIM Pipeline

Facility, County	Approximate MP	Side of Construction Work Area	Approximate size (feet)	Acres	Existing Land Use	Justification
<i>E-1 System Lateral Loop</i>	6.05	LEFT	35 x 100	0.08	F	Stream and wetland crossing
	6.28	LEFT	50 x 100	0.11	F	Wetland
	6.32	LEFT	50 x 100	0.11	F	Wetland
	6.71	LEFT	50 x 130	0.14	F	Crossovers
	6.73	RIGHT	75 x 100	0.17	F	Crossovers
	6.90	LEFT	50 x 100	0.11	F	Wetland
	7.22	LEFT	50 x 150	0.17	F	Wetland
	7.30	LEFT	176 x 207	0.83	F, I/C	Turnpike Crossing
	7.30	RIGHT	177 x 318	1.29	IF, /C	Turnpike Crossing
	7.42	LEFT	50 x 100	0.11	F	Wetland
	7.83	LEFT	50 x 100	0.11	A	Wetland
	7.90	LEFT	50 x 100	0.11	F	Wetland
	8.35	LEFT	50 x 100	0.11	F	Wetland
	8.37	LEFT	50 x 100	0.11	F	Wetland
	8.50	LEFT	50 x 135	0.15	F, I/C	Wetland
	8.50	RIGHT	50 x 100	0.11	F, I/C	Wetland
	8.72	LEFT	50 x 100	0.11	F	Wetland
	8.76	LEFT	50 x 100	0.11	F	Wetland
	8.90	LEFT	50 x 100	0.11	F	Wetland
	9.04	LEFT	50 x 100	0.11	F	Stream crossing
	9.10	RIGHT	150 x 333	1.14	O, F	Launcher / receiver
	0.01	LEFT	35 x 100	0.08	F	Montville M&R Station
	0.07	LEFT	25 x 100	0.06	O	Montville M&R Station
	0.12	LEFT	25 x 100	0.06	F	Wetland
	0.18	LEFT	25 x 100	0.06	F	Wetland
	0.30	LEFT	25 x 100	0.06	F	Wetland
	0.55	LEFT	25 x 100	0.06	F	Wetland
	0.79	RIGHT	25 x 100	0.06	F	Waterbody
	0.81	RIGHT	25 x 100	0.06	F	Waterbody
	0.92	RIGHT	25 x 100	0.06	F	Waterbody
	0.94	RIGHT	25 x 100	0.06	F	Waterbody
	1.15	RIGHT	25 x 100	0.06	F	Wetland and Waterbody
	1.25	RIGHT	25 x 100	0.06	F	Wetland and Waterbody
<b>Massachusetts</b>						
<u>Norfolk County</u>						
<i>West Roxbury Lateral</i>	0.00	BOTH	93 x 199	0.42	R, F	Staging for launcher facility

TABLE 8.3-1

Location of ATWS along the AIM Pipeline

Facility, County	Approximate MP	Side of Construction Work Area	Approximate size (feet)	Acres	Existing Land Use	Justification
<u>Suffolk County</u> <i>West Roxbury Lateral</i>	0.03	RIGHT	20 x 100	0.05	I/C	Staging for launcher facility
	0.20	RIGHT	75 x 100	0.17	I/C	Road crossing
	0.20	LEFT	120 x 254	0.70	I/C	Road crossing
	0.38	LEFT	341 x 425	3.32	O	Interstate 95 crossing
	0.50	RIGHT	50 x 100	0.11	I/C	Interstate 95 crossing
	0.62	RIGHT	51 x 103	0.12	I/C	Railroad and road crossing
	0.065	RIGHT	90 x 120	0.25	I/C	Railroad and road crossing
	0.90	RIGHT	61 x 92	0.13	I/C	Road crossing
	1.09	LEFT	65 x 244	0.36	I/C	Staging for in-street construction
	1.23	RIGHT	13 x 781	0.23	I/C	Staging for in-street construction
	1.49	RIGHT	50 x 189	0.22	I/C	Staging for in-street construction
	1.80	RIGHT	100 x 220	0.46	I/C	Staging for in-street construction
	2.07	RIGHT	30 x 200	0.20	I/C	Staging for in-street construction
	2.50	RIGHT	25 x 574	0.33	O	Road crossings
	2.55	RIGHT	100 x 230	0.53	I/C	Road crossings
	2.56	LEFT	15 x 152	0.05	I/C	Staging for in-street construction
	3.0	LEFT	50 x 104	0.12	I/C	Staging for in-street construction
	3.00	RIGHT	10 x 218	0.05	O	Staging for in-street construction
	3.70	RIGHT	146 x 163	0.55	I/C	Staging for in-street construction
	4.28	LEFT	45 x 200	0.21	I/C	Staging for M&R station
4.90	LEFT	70 x 210	0.34	I/C	Tie-In	
TOTAL:				57.38		
a/ Land uses include: A = Agricultural; CI = Commercial/industrial lands; F = forest (woodlands); O = Open land; OW = Open water; R = Residential land						

### 8.3.1.6 Public Roads and Railroad Crossings

Construction of the Project will require 107 public road crossings and four railroad crossings (*see* Table 8.3-2). Of these 107 crossings, 16 are state highways (8 in New York, 6 in Connecticut, and 2 in Massachusetts) (*see* Figure 8.3-1 in Appendix 8C for a locus map of the state highways crossed). All the public road crossings are paved (asphalt). Constructing the AIM Project within and across public and private roadways, using either conventional open cut or road bore methods, will be based on site conditions and road opening permit requirements. Installation of some of the pipeline sections will be

accomplished using the road bore or HDD method. These locations where the HDD method will be used include three road crossings and one railroad crossing. These construction methods are discussed in more detail in Section 1.5.1 of Resource Report 1.

TABLE 8.3-2 Public Roads and Railroads Crossed by the AIM Project				
State, County, Facility, MP	Roadway Name Facility	Road Surface	Municipality	Proposed Construction Method
<b>New York</b>				
<u>Mainline Take-up and Relay (Haverstraw to Stony Point)</u>				
<u>Rockland County</u>				
0.30	Call Hollow Rd.	Paved	Haverstraw	Open Cut
0.49	Wolf Rd.	Paved	Haverstraw	Open Cut
1.02	Call Hollow Rd	Paved	Haverstraw	Open Cut
1.18	Willow Grove Rd	Paved	Stony Point	Open Cut
1.55	Irish Mountain Ct.	Paved	Stony Point	Open Cut
2.18	Palisades Interstate Pkwy. (inbound and outbound)	Paved	Stony Point	Bore
2.26	Pierce Dr.	Paved	Stony Point	Open Cut
2.39	Zachary Taylor St.	Paved	Stony Point	Open Cut
2.46	Pyngyp Rd.	Paved	Stony Point	Open Cut
2.49	Len Conklin Dr.	Paved	Stony Point	Open Cut
2.97	Gate Hill Rd. (HWY .210)	Paved	Stony Point	Open Cut
3.00	Cedar Flats Rd.	Paved	Stony Point	Open Cut
<u>Mainline Take-up and Relay (Stony Point to Yorktown)</u>				
<u>Rockland County a/</u>				
0.44	Bulson Town Rd. (Rte. 65)	Paved	Stony Point	Open Cut
0.70	Franck Rd.	Paved	Stony Point	Open Cut
1.38	Soluri Ln.	Paved	Stony Point	Open Cut
1.64	Soluri Ln.	Paved	Stony Point	Open Cut
2.14	Rte. 53/Buck Berg Mountain Rd.	Paved	Stony Point	Open Cut
2.38	Mott Farm Rd. (Rte. 118)	Paved	Stony Point	Open Cut
<u>Westchester County</u>				
5.10	Railroad	RR	Cortlandt	Bore
5.15	Rte. 9A	Paved	Cortlandt	Bore
5.22	Beloch Ave. (entrance extension to Rte. 9 from Rte. 9A)	Paved	Cortlandt	Bore
5.23	Rte. 9 Briarcliff Peekskill Pkwy. (Rte. 9) (inbound and outbound)	Paved	Cortlandt	Bore
5.26	Reynolds Hills	Paved	Cortlandt	Open Cut
5.70	Pine Ln.	Paved	Cortlandt	Open Cut
5.82	Boulder Dr.	Paved	Cortlandt	Open Cut
6.08	Washington St.	Paved	Cortlandt	Open Cut
7.83	Montrose Station Rd.	Paved	Cortlandt	Open Cut
7.83	Maple Ave.	Paved	Cortlandt	Open Cut
8.44	Benjamin Ln.	Paved	Cortlandt	Open Cut
8.60	Dimond Ave.	Paved	Cortlandt	Open Cut
8.78	Cordwood Rd.	Paved	Cortlandt	Open Cut
9.00	Forest Ave.	Paved	Cortlandt	Open Cut
9.18	Rick Ln.	Paved	Cortlandt	Open Cut
9.40	Justin Ct.	Paved	Cortlandt	Open Cut
9.56	Peachtree Dr.	Paved	Cortlandt	Open Cut
9.66	Croton Ave.	Paved	Cortlandt	Bore
9.88	Crompond Rd. (Rte. 35 & 202)	Paved	Cortlandt	Bore
10.09	Maple Row	Paved	Cortlandt	Open Cut

TABLE 8.3-2

**Public Roads and Railroads Crossed by the AIM Project**

State, County, Facility, MP	Roadway Name Facility	Road Surface	Municipality	Proposed Construction Method
10.41	Lexington Ave.	Paved	Cortlandt	Open Cut
<b>Connecticut</b>				
<u>Mainline Take-up and Relay (Southeast to MLV 19)</u>				
<u>Fairfield County</u>				
0.31	Sawmill Rd.	Paved	W. Danbury	Open Cut
0.41	Reserve Rd.	Paved	W. Danbury	Open Cut
0.58	Matrix Corp. Rd.	Paved	W. Danbury	Open Cut
0.88	Reserve Rd.	Paved	W. Danbury	Open Cut
1.23	Union Carbide Rd.	Paved	W. Danbury	Open Cut
1.29	Service Rd.	Paved	W. Danbury	Open Cut
1.53	Old Ridgebury Rd. (Overpass)	Paved	W. Danbury	HDD Inclusive
1.60	Interstate 84 (2A-2B) inbound and outbound	Paved	W. Danbury	HDD Inclusive
1.87	Railroad	RR	Danbury	HDD Inclusive
2.00	Mill Plain Rd. (Rte. 202 & 6)	Paved	Danbury	Bore
2.42	Driftway Rd.	Paved	Danbury	Open Cut
2.76	University Blvd.	Paved	Danbury	Open Cut
3.24	Chelsea Dr.	Paved	Danbury	Open Cut
3.36	Middle River Rd. / Westville Ave. Ext.	Paved	Danbury	Open Cut
3.35	Westville Ave. Ext.	Paved	Danbury	Open Cut
3.49	Topfield Rd.	Paved	Danbury	Open Cut
3.88	Franklin St. Ext.	Paved	Danbury	Open Cut
4.23	Kohanza St.	Paved	Danbury	Open Cut
4.33	Overlook Terrace	Paved	Danbury	Bore
4.45	Clapboard Ridge Rd. (Rte. 39)	Paved	Danbury	Bore
<u>Line-36A Loop Extension (Cromwell)</u>				
<u>Middlesex County</u>				
1.2	Maine St. (State Rte. 99)	Paved	Cromwell	
<u>E-1 System Lateral Take-up and Relay</u>				
<u>New London County</u>				
0.86	Chappell Rd.	Paved	Lebanon	Open Cut
1.92	Exeter Rd. (Rte. 207)	Paved	Lebanon	Bore
5.81	Railroad	RR	Franklin	Bore
6.01	Meeting House Hill Rd.	Paved	Franklin	Bore
7.36	Windham Tpke. (Rte. 32)	Paved	Franklin	Bore
8.52	Wisconsin Ave.	Paved	Norwich	Open Cut
<u>E-1 System Lateral Loop</u>				
<u>New London County</u>				
0.02	Fitch Hill Rd.	Paved	Montville	Open Cut
<b>Massachusetts b/</b>				
<u>West Roxbury Lateral</u>				
<u>Norfolk County</u>				
0.19	East St.	Paved	Dedham	Open Cut
0.47	Rte. 1 & Interstate 95/Rte. 128 (inbound and outbound)	Paved	Dedham	Bore

TABLE 8.3-2

**Public Roads and Railroads Crossed by the AIM Project**

State, County, Facility, MP	Roadway Name Facility	Road Surface	Municipality	Proposed Construction Method
0.55	Allied Dr. (and through large parking lot)	Paved	Dedham	Open Cut
0.64	Railroad	RR	Dedham	Bore
0.65	Rustcraft Rd. (and along Rustcraft Rd.)	Paved	Dedham	Open Cut
0.74	Along Elm St. for 0.09 miles	Paved	Dedham	Open Cut
0.90	Robinwood Rd. (along Elm St.)	Paved	Dedham	Open Cut
0.92	Along Elm St. for 0.88 miles	Paved	Dedham	Open Cut
	In Providence Hwy. for 0.22 miles	Paved	Dedham	Open Cut
1.39	In several parking lots and access roads alongside Providence Hwy. for 0.15 miles.	Paved	Dedham	Open Cut
1.42	Legacy Blvd.	Paved	Dedham	Open Cut
1.54	In Providence Hwy. for 0.88 miles	Paved	Dedham	Open Cut
2.25	Mah Way St.	Paved	Dedham	Open Cut
2.37	Eastern Ave.	Paved	Dedham	Open Cut
2.43	Along Providence Hwy. for 0.18 miles	Paved	Dedham	Open Cut
2.56	Harris St. and parking lot	Paved	Dedham	Open Cut
2.57	East St. and in and along East St. for 0.31 miles	Paved	Dedham	Open Cut
3.03	In and along Washington St. for 0.31 miles	Paved	Dedham	Open Cut
3.14	Lower East St. (along Washington St.)	Paved	Dedham	Open Cut
3.19	Columbia Terrace (along Washington St.)	Paved	Dedham	Open Cut
<u>Suffolk County</u>				
3.32	Oak St. (along Washington St.)	Paved	Dedham	Open Cut
3.34	In and along Washington St. for 0.35 miles	Paved	West Roxbury (City of Boston)	Open Cut
3.41	Meshaka St. (along Washington St.)	Paved	West Roxbury (City of Boston)	Open Cut
3.48	Rockland St. (along Washington St.)	Paved	West Roxbury (City of Boston)	Open Cut
3.52	Birchwood St. (along Washington St.)	Paved	West Roxbury (City of Boston)	Open Cut
3.59	Stimson St. (along Washington St.)	Paved	West Roxbury (City of Boston)	Open Cut
3.69	Washington St.	Paved	West Roxbury (City of Boston)	
3.69	Grove St.	Paved	West Roxbury (City of Boston)	Open Cut
3.86	Freeman Ave. (along Grove St.)	Paved	West Roxbury (City of Boston)	Open Cut
3.89	Birch Rd. (along Grove St.)	Paved	West Roxbury (City of Boston)	Open Cut
3.94	Altair Rd. (along Grove St.)	Paved	West Roxbury (City of Boston)	Open Cut
4.17	Grove Terrace (along Grove St.)	Paved	West Roxbury (City of Boston)	Open Cut
4.27	Centre St. (along Centre St./Grove St.)	Paved	West Roxbury (City of Boston)	Open Cut
4.38	Glenhaven Rd. (along Centre St.)	Paved	West Roxbury (City of Boston)	Open Cut
4.42	Baker St. (along Centre St.)	Paved	West Roxbury (City of Boston)	Open Cut
4.57	Bronx Rd. (along Centre St.)	Paved	West Roxbury (City of Boston)	Open Cut
4.59	Acacia Rd. (along Centre St.)	Paved	West Roxbury (City of Boston)	Open Cut
4.67	Cass St. (along Centre St.)	Paved	West Roxbury (City of Boston)	Open Cut



TABLE 8.3-2

**Public Roads and Railroads Crossed by the AIM Project**

State, County, Facility, MP	Roadway Name Facility	Road Surface	Municipality	Proposed Construction Method
4.78	Autumn St. (along Centre St.)	Paved	Boston)	Open Cut
4.83	Alaric St. (along Centre St.)	Paved	West Roxbury (City of Boston)	Open Cut
			West Roxbury (City of Boston)	Open Cut

a/ Road crossings are not provided between MP 2.62 and MP 4.94 – Hudson River Study Corridor.  
b/ The majority of road crossings in Massachusetts are co-located along Providence Hwy., Washington Street, Grove Street, and Centre Street as indicated above.

### 8.3.2 Existing Residences and Buildings

Algonquin conducted field surveys and reviewed aerial photographs to identify residential structures and buildings within 50 feet of the proposed pipeline construction ROWs. Based on this evaluation, Algonquin has identified the following:

- ◆ New York – 25 non-residential structures and 96 residential structures located within 50 feet of the edge of the AIM Pipeline construction ROW;
- ◆ Connecticut – 7 non-residential structures and 26 residential structures located within 50 feet of the edge of the AIM pipeline ROW and construction areas in Connecticut; and
- ◆ Massachusetts – 55 non-residential structures and 219 residential structures located within 50 feet of the edge of the AIM pipeline ROW and construction areas in Massachusetts.

See Table 8D-1 in Appendix 8D for a complete list of residential structures located within 50 feet of the proposed pipeline construction ROWs including location, type of structure, and approximate distance from the construction work area.

### Mitigation Measures

For the residences within 25 feet of the construction workspace, Algonquin is developing individual Residential Construction Plans noting special construction techniques and mitigation measures. Algonquin will consult further with the FERC staff on the need to develop site-specific plans for areas where residential structures are located between 25 and 50 feet of the construction ROW. In general, construction across areas in proximity to residences will be limited to the shortest timeframe possible to safely install the pipeline. These plans will be filed with the Secretary in the 2<sup>nd</sup> quarter of 2014 and will be included in Appendix 8E).

#### 8.3.2.1 Planned Residential and Commercial Areas

Algonquin has maintained contact with landowners and local officials concerning residential subdivisions or planned new residential developments occurring within 0.25 mile of the Project. Planned developments that have been identified by Algonquin to date occurring within 0.25 mile of the Project are shown in Table 8D-2 located in Appendix 8D.

## 8.4 Public Land, Recreation and Other Designated Areas

USGS topographic maps, aerial photographs, internet searches, personal interviews with federal, state and local agencies, and field reconnaissance were used to identify parks, recreation areas, scenic areas, and other specially-designated areas at the federal, state and local level in the vicinity of the proposed Project facilities. Public lands that will be crossed by the Project or that will be within 0.25 mile of the construction ROW are listed in Table 8.4-1 and are shown in Figure 8.4-1 located in Appendix 8F. Descriptions of these public lands, recreational areas, or other designated areas are also discussed below. Algonquin intends to reduce the construction and operational impacts on public lands, recreational areas, or other designated areas crossed by the AIM Project Pipeline to the extent feasible by using only the space necessary to safely construct the facilities and by continuing communications with the landowners and regulatory agencies. Algonquin is preparing maps showing the locations of public lands and will provide these in the anticipated February 2014 filing with the FERC.

TABLE 8.4-1					
Public Land and Designated Recreation, Scenic, or Other Areas Crossed by the AIM Project Pipeline					
State, County	Enter MP	Exit MP	Name of Area	Crossing Length (ft.)	Acreage Affected by Construction
<b>PIPELINE FACILITIES</b>					
<b>New York</b>					
<u>Rockland County</u>					
<i>Haverstraw to Stony Point Take-up &amp; Relay</i>	0.0	0.31	Harriman State Park	1,666	2.87
	--	--	Patriot Hills Public Golf Club	N/A	N/A
	0.58	1.02	Cheesecote Mountain Town Park	2,089.7	3.6
<i>Stony Point to Yorktown Take-up &amp; Relay</i>	2.52	2.58	Harriman State Park	316.8	0.55
	3.0	3.0	Washington-Rochambeau National Historic Trail	75	0.01
	4.56	4.56	Washington-Rochambeau National Historic Trail	75	0.01
	5.14	5.14	Washington-Rochambeau National Historic Trail	75	0.01
	5.16	5.16	Washington-Rochambeau National Historic Trail	75	0.01
<u>Westchester County</u>					
<i>Stony Point to Yorktown Take-up &amp; Relay</i>	6.08	7.42	Blue Mountain Reservation	7,089	12.20
	7.74	7.81	Blue Mountain Reservation	380	0.65
<b>Connecticut</b>					
<u>Fairfield County</u>					
<i>Southeast to MLV-19 Take-up &amp; Relay</i>	3.88	4.22	Ridgewood County Club	1,787	3.07
<u>Middlesex County</u>					
<i>Line 36A Loop Extension</i>	0.53	0.77	Watrous Park	1,326.2	2.28
	1.13	1.23	Cromwell Fire District	525	0.90
<u>Hartford County</u>					
<i>Line 36A Loop Extension</i>	--	--	Dividend Pond Open Space	N/A	N/A

TABLE 8.4-1

Public Land and Designated Recreation, Scenic, or Other Areas Crossed by the AIM Project Pipeline

State, County	Enter MP	Exit MP	Name of Area	Crossing Length (ft.)	Acreage Affected by Construction
<b><u>New London County</u></b>					
<i>E-1 System Take-up &amp; Relay</i>	1.57	1.90	Trumbull Cemetery	1,771	3.1
	2.01	2.21	Aspinall Recreation Property (Town)	1,061	1.82
	--	--	Protected Open Space	N/A	N/A
	--	--	Bog Meadow Reservoir (Protected Open Space)	N/A	N/A
<i>E-1 System Loop</i>	--	--	Boy Scouts of America	N/A	N/A
<b><u>Massachusetts</u></b>					
<b><u>West Roxbury Lateral</u></b>	0.01	0.04	Canton Street Buffer (Currier Park)	221	0.25
<b><u>Norfolk County</u></b>	0.04	0.05	Norfolk Golf Club	25	0.02
	0.05	0.05	Canton Street Buffer (Currier Park)	28	0.03
	0.05	0.86	Norfolk Golf Club	163	0.18
	0.14	0.17	Norfolk Golf Club	157	0.18
	--	--	Wigwam Pond Conservation Area	N/A	N/A
	--	--	Barnes Memorial Park and Sullivan Field	N/A	N/A
	2.43	2.55	Gonzalez Public Athletic Field	633.6	0.73
	--	--	Charles River Reservation	N/A	N/A
	--	--	Unnamed municipal property	N/A	N/A
	2.99	3.03	Brookdale Cemetery	211.2	0.24
	3.03	3.69	Washington-Rochambeau National Historic Trail	3,484.8	4.0
	3.12	3.13	Mother Brook Reservation	52.8	0.06
<b><u>Norfolk/Suffolk County</u></b>	--	--	Boston United Hand & Hand Cemetery	N/A	N/A
<b><u>Suffolk County</u></b>	--	--	Mary Draper Playground	N/A	N/A
	--	--	Grove Street Cemetery	N/A	N/A
	--	--	West Roxbury Quarry Urban Wild	N/A	N/A
	--	--	Beethoven Elementary School Playground	N/A	N/A
	--	--	Praught Field	N/A	N/A
<b><u>ABOVEGROUND FACILITIES</u></b>					
<b><u>Providence County, RI</u></b>					
Burrillville Compressor Station	N/A	N/A	George Washington State Campground and Management Area	N/A	N/A
<b><u>Hartford County, CT</u></b>					
Farmington M&R Station	N/A	N/A	State Protected Open Space or Land Trust	Within 120 feet	N/A
<b><u>New London County, CT</u></b>					
Oakland Heights M&R Station	N/A	N/A	Quinebaug and Shetucket Rivers Valley National Heritage Corridor	Within the corridor	N/A

TABLE 8.4-1

Public Land and Designated Recreation, Scenic, or Other Areas Crossed by the AIM Project Pipeline

State, County	Enter MP	Exit MP	Name of Area	Crossing Length (ft.)	Acreage Affected by Construction
<u>Windham County, CT</u> Chaplin Compressor Station, Pomfret M&R Station, Putnam M&R Station, Willimantic M&R Station	N/A	N/A	Quinebaug and Shetucket Rivers Valley National Heritage Corridor	Within the corridor	N/A
<u>New Haven County, CT</u> Waterbury M&R Station	N/A	N/A	Larkin State Park Trail	Abuts and within the Trail along Elise Dr. and Bristol St.	N/A
<u>Suffolk County, MA</u> West Roxbury M&R Station	4.18	4.28	Centre Marsh	507 feet	0.58
-- = Pipeline does not cross property but falls within 0.25 miles of it; see narrative for description of property.					
N/A = Not applicable.					

### 8.4.1 Federal Lands and Designations

No land owned by the Bureau of Land Management (“BLM”) or U.S. Forest Service is crossed by the Project or is within 0.25 miles of the Project area (BLM, 2013; USDAFS, 2013). In addition, no lands crossed by the AIM Project are enrolled in the Conservation Reserve Enhancement Program (“CREP”), the Conservation Reserve Program (“CRP”), or the Wetland Reserve Program (“WRP”) (NRCS, 2013). No agricultural conservation easements were identified along the AIM Project.

#### National Park Service (“NPS”)

No NPS-designated natural, recreational or scenic areas are crossed by or within the Project area in Rhode Island (NPS, 2013a).

- ♦ The **Washington-Rochambeau National Historic Trail** (“NHT”) is crossed by the Project in New York and Massachusetts. The Washington-Rochambeau NHT covers over 680 miles of land and water used by General Washington and General Rochambeau during the siege of Yorktown in the War of Independence. This trail crosses major rivers, metropolitan areas, state parks and rural and suburban communities from Virginia to Massachusetts (NPS, 2013b). In New York the trail crosses the pipeline in Stony Point on Rt. 9W/202 (MP 3.0), and again in Cortlandt at Broadway Street (MP 4.56), Albany Post Road (MP 5.14) and Rt. 9 (MP 5.16). In Dedham, Massachusetts the trail is co-located with the proposed AIM pipeline along Washington Street from the Dedham Mall northeast to Grove Street (MP 3.03 to MP 3.69).
- ♦ The **Quinebaug and Shetucket Rivers Valley National Heritage Corridor** is located in northeastern Connecticut and portions of Massachusetts. It is an area known for its rural character with rolling hills, farmland and classic New England scenery and contains some of the largest unbroken forests in southern New England. In 1994, Congress designated the Quinebaug

and Shetucket Rivers Valley as a national heritage corridor to recognize the valley's unique natural and historical qualities and because it is one of the last remaining stretches of green in the Boston to Washington, D.C. heavily urbanized corridor (NPS, 2013c; CGA, 2000). In 1999, Congress enlarged the Corridor to include Quinebaug and Shetucket River Valley towns in both Massachusetts and Connecticut, now numbering 35 in all (TLGV, 2013).

The corridor is spread over 695,000 acres. The valley encompasses two scenic rivers, 80 ponds and lakes, more than 130 miles of hiking trails and several different species of animals. The corridor is also referred to as the Last Green Valley as the area appears distinctly dark green when viewed from satellites or aircraft. The region has some 43 historic towns, 118 historic sites and museums and several neighborhoods that preserve some fascinating historic structures. Walking and hiking are two of the most popular recreation activities in the park (Ezine, 2012).

In Connecticut, the municipalities that are included in this Corridor that are part of the AIM Project include the City of Norwich, the Town of Chaplin, the Town of Pomfret, the Town of Putnam, and the Town of Windham where aboveground facilities are located.

There are no waterbody crossings listed on the Nationwide Rivers Inventory in the Project area of New York, Connecticut, Rhode Island, or Massachusetts (NPS, 2013d).

No designated Wild and Scenic Rivers are located within or crossed by the Project area in New York, Connecticut, Rhode Island, or Massachusetts (NWSRS, 2013).

## **8.4.2 New York**

### **8.4.2.1 Public Lands**

#### ***Harriman State Park, Haverstraw and Stony Point, Rockland County***

Harriman State Park is the second largest park in the New York State Parks system, located in Rockland and Orange Counties. The park, at 46,613 acres, holds 31 lakes and ponds, over 200 miles of trails and a number of recreation areas for camping, swimming and hiking (NYSP, 2013). On its northeastern edge, Harriman State Park borders the 5,000-acre Bear Mountain State Park as well as the United States Military Academy's 16,000-acre forest reserve, and 18.8 miles of the Appalachian Trail are within the park. The AIM Pipeline crosses Harriman State Park in two locations in Rockland County on existing ROW between MP 0.0 – MP 0.31 in the Town of Haverstraw and between MP 2.52 – MP 2.58 in the Town of Stony Point. Algonquin will consult and coordinate with park management officials to address any specific issues related to construction of the pipeline through the park and continued operation of Algonquin's facilities.

#### ***Cheesecote Mountain Town Park, Haverstraw, Rockland County***

Cheesecote Mountain Park is a 217-acre municipal park in the Town of Haverstraw offering trails for hiking, backpacking, and biking. Camping, picnicking, fishing and some water sports are also offered at Cheesecote Pond, located within the park. The park is open to the general public daily from April 1 thru October 31<sup>st</sup> (Recreation Parks.net, 2013; Town of Haverstraw, 2013). The park is accessed off of Willow Grove Road in the Town of Haverstraw. The Haverstraw to Stony Point Take-up & Relay crosses the outskirts of the Cheesecote Mountain Town Park between MP 0.58 – MP 1.02. Algonquin will consult and coordinate with Town officials to address any specific issues related to construction of the pipeline through the state and park-owned lands and continued operation of Algonquin's facilities.

### ***Blue Mountain Reservation, Cortlandt and Peekskill, Westchester County***

Blue Mountain Reservation is a 1,538-acre Westchester County-owned park located in the Town of Cortlandt, New York. Blue Mountain Reservation is characterized by steep topography, rugged terrain, and the wide presence of exposed bedrock. The park offers trails for hiking and biking including the two peaks of Blue Mountain and Mt. Spitzenberg (Westchester County, 2013). The Stony Point to Yorktown Take-up & Relay pipeline ROW crosses this park at two locations in the Town of Cortlandt between Washington Street and Maple Avenue (MP 6.08 - MP 7.42 and MP 7.74 - MP 7.81). Algonquin has received comments from Westchester County regarding the need to minimize construction impacts to protect the recreational use and aesthetic character of the park. Algonquin will consult with Westchester County officials and park management to address specific issues related to construction of the pipeline through the Reservation and continued operation of Algonquin's facilities in the park.

#### **8.4.2.2 Recreational Areas**

### ***Patriot Hills Golf Club, Stony Point, Rockland County***

The Patriot Hills Golf Club is an 18-hole public golf course featuring 6,502 yards of golf from the longest tees. The AIM pipeline is located 0.18 miles from this club at its closest point from Pyngyp Road (MP 2.45).

#### **8.4.2.3 Other Designated Areas**

### **New York Critical Environmental Areas**

In New York State, local agencies may designate specific geographic areas within their boundaries as "Critical Environmental Areas" ("CEAs"). State agencies may also designate geographic areas they own, manage or regulate. To be designated as a CEA, an area must have an exceptional or unique character with respect to one or more of the following:

- ◆ a benefit or threat to human health;
- ◆ a natural setting (e.g., fish and wildlife habitat, forest and vegetation, open space and areas of important aesthetic or scenic quality);
- ◆ agricultural, social, cultural, historic, archaeological, recreational, or educational values; or
- ◆ an inherent ecological, geological or hydrological sensitivity to change that may be adversely affected by any change.

A review of the New York State Department of Environmental Conservation ("NYSDEC") website indicated the following CEAs are crossed by the AIM pipeline (NYSDEC, 2013):

- ◆ **Hudson River CEA** – Along the Stony Point to Yorktown Take-up & Relay in the Town of Cortlandt (the Village of Buchanan), the AIM pipeline crosses this CEA from MP 4.00 to MP 5.22.
- ◆ **County & State Park Lands CEA** - Along the Stony Point to Yorktown Take-up & Relay in the Town of Cortlandt, the AIM pipeline crosses this CEA from MP 6.08 to MP 7.42 and again from MP 7.74 to MP 7.81. This CEA area is associated with the Blue Mountain Reservation.

#### **8.4.3 Connecticut**

No land owned by the Connecticut Department of Energy & Environmental ("CTDEEP") is crossed by the AIM Project or is within 0.25 miles of the Project area (CTDEEP, 2013).



#### **8.4.3.1 Public Lands**

##### ***Watrous Park, Cromwell, Middlesex County***

According to the Town of Cromwell's website, the Town owns this 75.1-acre property located on Captain James Mann Memorial Drive which currently houses the Cromwell Middle School (Cromwell Mapping, 2013). Watrous Park is located on Geer Street on the grounds of this property behind the school. Facilities include a pavilion and activities include volleyball, tennis, basketball, tot playground, walking trails, softball fields, and a skate park. The AIM pipeline crosses this property from MP 0.53 to MP 0.77.

##### ***Cromwell Fire District, Cromwell, Middlesex County***

The Cromwell Fire District is a Special Act District created by the Legislature of the State of Connecticut. The District maintains and services the water distribution, pumping and treatment facilities that service the Town of Cromwell and provides fire protection and ambulance service. The District operates under the provisions of the Connecticut General Statutes and District By-Laws (Cromwell Fire District, 2013).

According to the Town of Cromwell's website, this 7.59-acre property is occupied by a pump house. The AIM pipeline crosses this property from MP 0.53 to MP 0.77.

##### ***Dividend Pond Open Space, Rocky Hill, Hartford County***

According to the Connecticut Agricultural Experiment Station website (CT Station, 2013), the Upper Dividend Pond is a 5.8 acre pond located in the Town of Rocky Hill. The Town designated the land surrounding the pond as open space in June 2012. Trails allow for recreational hiking and fishing around the perimeter of the pond and an old industrial dam is located on-site.

According to the Wethersfield Historical Society, (WHS, 2011), Dividend Park is considered the Town of Rocky Hill's first industrial area. The dam drains Upper Dividend Pond into Lower Dividend Pond. A local referendum in 2004 designated the area as permanent open space. In April 2006, this area was listed on the State Register of Historic Places and designated an archaeological preserve to be known as "Dividend Brook Industrial Archaeological District." The AIM pipeline is located 0.01 miles from the southern border of this property at its closest point (MP 1.6 of the Line-36A Loop Extension).

##### ***Trumbull Cemetery, Lebanon, New London County***

Trumbull Cemetery contains many headstones that were carved by Obadiah Wheeler, who was considered one of the most skilled carvers in this rural part of Connecticut. Notable graves here include Revolutionary War Governor John Trumbull and William Williams, a signer of the Declaration of Independence (Town of Lebanon, 2013a). The AIM pipeline crosses this property from MP 1.57 to MP 1.90.

##### ***Aspinall Property, Town of Lebanon, New London County***

The Town of Lebanon acquired the 51-acre Aspinall property in 1977 and developed it for recreation in the early 1980s. The property is managed by the Recreation Commission and is the major non-school recreational facility in town and is known as the Aspinall Recreation Complex. It is adjacent to Lebanon Elementary School and includes ball fields, tennis courts, and a pavilion. In addition, the Town purchased the Aspinall/Duntz property to provide improved access to the Lebanon Elementary School and the Aspinall Recreation area (Town of Lebanon, 2013b). The AIM pipeline crosses this property from MP 2.01 to MP 2.21.

##### ***Bog Meadow Reservoir, Town of Lebanon, New London County***

The Bog Meadow Reservoir is protected open space located 0.15 miles from the AIM pipeline at MP 9.1.

#### **8.4.3.2 Recreation Areas**

##### ***Ridgewood Country Club, City of Danbury, Fairfield County***

Ridgewood Country Club is an 18-hole golf course located just north of Interstate 84 in the City of Danbury (Ridgewood Country Club, 2013). The AIM pipeline borders the Ridgewood Country Club property along the northern side and it crosses a small portion of it at the northern tip between Franklin Street Extension (MP 3.88) and Kohanza Street (MP 4.22).

##### ***Recreational Property, Town of Lebanon, New London County***

Along the E-1 System, the AIM pipeline traverses approximately 50 feet from this recreational property at MP 2.79. This recreational property includes the Lake William Campground as well as lands used by the Boy Scouts of America. The property is accessed from Exeter Rd (Rte. 207) located just over a half mile from the AIM pipeline. The Lake Williams Campground offers bass fishing, swimming, water skiing, and boating with boat launch docks and boat rentals available for campers.

##### ***Boy Scouts of America, Pequot Council, Town of Montville, New London County***

The AIM pipeline is 0.04 miles from this area at its closet point at MP 1.05. The AIM pipeline lies adjacent to this property from MP 0.80 to MP 1.40. This property appears to be managed by the Mohegan District of the Connecticut Rivers Council, Boy Scouts of America. The Mohegan District delivers scouting programs to over 2,500 youth and over 1,000 adults in 76 units (CTRivers, 2013). This property does not appear to be an active recreational site and no active campground appears to be located at this property.

##### ***Larkin State Park Trail, New Haven County***

Larkin State Park Trail is a 10-mile trail system that crosses four towns (Middlebury, Naugatuck, Oxford, and Southbury). Its designated uses include horse-back riding, walking, jogging, biking and hiking (CTDEEP, 2010).

The existing Waterbury M&R Station appears to be located adjacent to and within this recreational trail along Algonquin's existing B-1/B-1L ROW easement on Elise Drive and Bristol Street. According to the CTDEEP, the Larkin Bridle Trail begins in Southbury and ends in Naugatuck. However, state GIS data shows the trail ending at the intersection of Elise Drive and Bristol Street. Algonquin is in the process of confirming the property location of the trail system in relation to the Waterbury M&R Station site.

#### **8.4.4 Rhode Island**

##### ***George Washington State Campground and Management Area***

The 100-acre George Washington Memorial Camping Area is an overnight, primitive camping facility located within the 4,000 acre George Washington Management Area on the shores of Bowdish Reservoir (RIParks.com, 2013).

The southeast portion of the Burrillville Compressor Station property abuts the George Washington Management Area property.

#### **8.4.5 Massachusetts**

##### **8.4.5.1 Public Lands**

###### ***Canton Street Buffer (Currier Park), Westwood, Norfolk County***

Currier Park is a 14.86-acres parcel of conservation land located in Westwood between Downey Street, Canton Street and Booth Drive (Town of Westwood, 2013). The West Roxbury Lateral is located approximately 350 feet north of Currier Park. The AIM pipeline crosses through this area from MP 0.01 to MP 0.05.

###### ***Wigwam Pond Conservation Area, Dedham, Norfolk County***

This conservation area offers fishing and is located approximately 0.09 miles to the east of the West Roxbury Lateral from MP 1.55 to MP 2.20.

###### ***Barnes Memorial Park, Dedham, Norfolk County***

This large complex is connected to the Gonzalez Field and is approximately 0.05 miles from the pipeline at its closest point (MP 2.3). The Barnes Memorial Park (14.7 acres) is under the care of the Dedham Parks & Recreation Department and is home to the Dedham Youth Soccer Association.

###### ***Gonzalez Field, Dedham, Norfolk County***

Gonzalez Field is a public athletic field located at the intersection of High Street and East Street adjacent to the Boston-Providence Highway (Dedham Soccer, 2013). This field is also home to the Dedham Youth Soccer Association. The AIM pipeline crosses Gonzalez Field on the western side adjacent to the Boston-Providence Highway between MP 2.43 and MP 2.55.

###### ***Charles River Reservation, Dedham, Norfolk County***

The Massachusetts Department of Conservation and Recreation's Charles River Reservation is a linear park stretching from Boston Harbor upriver for 20 miles. The Upper Charles River section of the Reservation begins at Watertown Square and meanders to Riverdale Park in West Roxbury. The Reservation provides many recreational opportunities such as walking, bird watching, canoeing or in-line skating (MassParks, 2013). The lower portion of the Charles River Reservation is located approximately 0.22 miles from the West Roxbury Lateral at MP 2.70. Additionally, a portion of the Charles River watershed is located approximately 0.11 miles from the AIM pipeline from East Street (MP 2.60).

###### ***Unnamed Municipal Property, Town of Dedham, Norfolk County***

This municipal property is located approximately 0.06 miles from MP 2.75 of the West Roxbury Lateral along East Street.

###### ***Brookdale Cemetery, Town of Dedham, Norfolk County***

Brookdale Cemetery is a non-denominational municipal cemetery located off Washington Street in Dedham (Dedham Patch, 2013). The AIM pipeline passes by this property along East Street between MP 2.84 to MP 3.12 and appears to cross a small portion of the property from MP 2.99 to MP 3.03.

###### ***Mother Brook Reservation, Town of Dedham, Norfolk County***

The Mother Brook Reservation contains the riparian corridor surrounding Mother Brook, a historic hand dug canal. Originally built in 1639 to divert water from the Charles River to the Neponset River to create hydropower potential for mills, the brook is now used for flood control (Mother Brook Arts, 2013). The West Roxbury Lateral crosses Mother Brook on Washington Street between Curve Street and Eastbrook Road in Dedham at MP 3.12.

***Mary Draper Playground, West Roxbury, Suffolk County***

The Mary Draper Playground is set back from Washington Street and contains a pool, playgrounds, a basketball court, and ball fields (West Roxbury Patch, 2013). The West Roxbury Lateral passes by this playground along Washington Street between MP 3.45 and MP 3.52.

***Beethoven Elementary School Playground, West Roxbury, Suffolk County***

The Beethoven Elementary School is a Boston Public School located on Washington Street. The playground is located on the grounds of the school property. At its closest point, the West Roxbury Lateral is located 0.12 miles from this playground (MP 3.85 at Grove Street).

***Praught Field, West Roxbury, Suffolk County***

Praught Field is a field used for Little League; it consists of a diamond field used for baseball games and is equipped with lights for evening games. The AIM pipeline is located approximately 0.04 miles from this field at MP 4.45 along Centre Street.

#### **8.4.5.2 Recreational Areas**

***Norfolk Golf Club, Town of Westwood, Norfolk County***

The Norfolk Golf Club is a private, nine-hole golf club. The West Roxbury Lateral crosses the Norfolk Golf Club property between East Street and Canton Street from MP 0.04 to MP 0.86 and again from MP 0.14 to MP 0.17.

#### **8.4.5.3 Other Designated Areas**

***Boston United Hand & Hand Cemetery, Town of Dedham and West Roxbury, Norfolk/Suffolk County***

This cemetery is located approximately 0.11 miles from the West Roxbury Lateral from its closest point off Washington Street at MP 3.34. Half of the property is located in the Town of Dedham and the other half is located in West Roxbury. A large portion of the property is undeveloped.

***Grove Street Cemetery, West Roxbury, Suffolk County***

This private cemetery is located within 0.03 miles of MP 3.63 of the West Roxbury Lateral along Washington Street.

***Centre Marsh, West Roxbury, Suffolk County***

According to the City of Boston's Open Space Plan 2008-2014 (City of Boston, 2013), the proposed West Roxbury M&R Station is located on a property identified as an Urban Wilds & Natural Area. According to the Boston Natural Areas Network ("BNAN") website and 1990 Boston Urban Wilds Report (BNAN, 1990) the property is listed as Centre Marsh. The property has been identified as "lost", which is defined as "Wilds that have been so obliterated or so altered that any small pieces that are left clearly do not do what the original Wilds did for their neighborhood or for the City." The City of Boston's Open Space Plan 2008-2014, Section 9, Seven-Year Action Plan did not include this site in the plan's many goals and objectives of evaluating, protecting, or enhancing open space.

***West Roxbury Quarry Urban Wild, West Roxbury, Suffolk County***

According to the BNAN website, the West Roxbury Quarry is listed as an Urban Wild property. This is an active, private quarry located along Grove Street adjacent to the West Roxbury Lateral between MP 4.01 and MP 4.47.

#### **8.4.5.4 State of Massachusetts, Article 97 Land**

Article 97 requires that public lands acquired for natural resource purposes not be converted to other uses without demonstration of lack of a feasible alternative and replacement with equivalent natural resource land. Initial review of possible Article 97 land crossed by the AIM pipeline in Massachusetts include the Canton Street Buffer (Currier Park), the Gonzales Field, and Mother Brook Reservation. Algonquin is still investigating the applicability of Article 97 lands in Massachusetts and will provide more information to the FERC in the anticipated February 2014 filing.

#### **8.4.6 Coastal Zone Management Areas**

The Stony Point to Yorktown Take-up & Relay pipeline segment is the only AIM Project facility located within a designated coastal zone management area. This pipeline segment crosses the coastal zone management area associated with the Hudson River between Stony Point and the Village of Buchanan in the Town of Cortlandt (MP 2.92 – MP 5.22).

The New York State Coastal Management Program (“CMP”) is administered by the New York State Department of State (“NYSDOS”) and requires state agency actions within the coastal zone to be undertaken in a manner that is consistent with the State’s coastal area policies, or a State approved Local Waterfront Revitalization Program (“LWRP”). A LWRP is a refinement of the State’s coastal policies, developed jointly by the NYSDOS and a municipality and in accordance with the New York State Waterfront Revitalization of Coastal Areas and Inland Waterways Act (NYS Executive Law, Article 42). Both the Town of Stony Point and the City of Peekskill have approved LWRP’s from the NYSDOS which refines and supplements the State’s CMP. The Town of Stony Point’s LWRP was approved in 1994 and the City of Peekskill’s LWRP was approved in 2004 (NYSDOS, 2013).

Algonquin intends to cross the Hudson River using the HDD method to avoid impacts to aquatic resources, pending the evaluation of geotechnical results. With this approach, the AIM Project will demonstrate consistency with the applicable policies and principles of the New York State CMP and the Town of Stony Point and the City of Peekskill LWRP. Algonquin will prepare and file a consistency statement with the NYSDOS in February-March 2014.

#### **8.4.7 Hazardous Waste Sites**

Refer to Sections 2.2.5 and in Resource Report 2 for a discussion on contaminated groundwater and Section 7.3.6 of Resource Report 7 for a discussion on contaminated soils along the AIM pipeline. These reports include a summary of the various databases that were reviewed and analyzed to identify hazardous waste sites in the vicinity of the Project area and measures that will be implemented throughout Project construction to prevent and avoid hazardous construction conditions.

### **8.5 Agency and Landowner Consultation**

Algonquin has been in contact with applicable federal, state, county, and municipal agencies to discuss the proposed Project. Algonquin’s consultation work has included letter requests to agencies for resource information, telephone discussions with agency staff, and email exchanges. In addition, Algonquin has set up and participated in a number of agency meetings. Copies of all agency correspondence including letters, emails, and meeting notes are included in Appendix 1E of Resource Report 1. A complete list of affected landowners is provided in Appendix 1A of Resource Report 1 (provided under separate cover in Volume II-C Privileged and Confidential Information).



## 8.6 Visual Resources

The proposed AIM pipeline facilities will be located entirely underground. Therefore, other than the maintained ROW, the pipelines will have no visual impact once constructed. The pipeline ROW will be maintained in a cleared condition and generally has been sited along existing Algonquin ROW, roadway, railway, and/or utility ROWs. Thus, the proposed pipeline ROW will be consistent with existing conditions and have minimal visual impact for the majority of the route. Any and all other screening issues will be discussed during negotiations with individual property owners. In situations where all screening is removed, strategically planting fast-growing evergreens will be considered.

The work at a majority of the existing compressor station sites and existing M&R station sites will occur within the property line at these existing facilities. Only minor construction disturbance will occur outside the existing fence line for some facilities. Therefore these aboveground facilities will be consistent with the current visual landscape in terms of color, massing, and scale such that no changes to the current visual landscape is anticipated.

New aboveground facilities will include one M&R station in Connecticut (New London County) and two M&R stations in Massachusetts (one in Bristol County and one in Suffolk County). Algonquin will also be rebuilding the Willimantic M&R Station, in Windham County, Connecticut. The rebuild of the Willimantic M&R Station is an existing M&R station located on existing industrial land. There will be no visual impacts at this site or to the surrounding area because the rebuild is consistent with the existing land uses of and at this site. The three new M&R Stations are described in more detail below.

### Assonet M&R Station, Bristol County, Massachusetts

The construction of the proposed Assonet M&R Station will be located adjacent to Algonquin's existing North Fall River M&R within the same property line on industrial land. There will be no visual impacts at this site or to the surrounding area because the new building is consistent with the existing land uses of and at this site.

### West Roxbury M&R Station, Suffolk County, Massachusetts

The West Roxbury M&R Station will be located on a wooded property located across the street from an active rock quarry on Grove Street. It is bounded by residential properties to the north, south and west. Algonquin will maintain an existing wooded buffer along the entire western portion of the property as well as portions to the north and south sides of the site. Accordingly, Algonquin does not anticipate any significant visual impacts from the construction of this site to the surrounding area. Algonquin will provide additional details on the West Roxbury M&R Station in the anticipated February 2014 filing with the FERC.

### Oakland Heights M&R Station, New London County, Connecticut

This station will be located adjacent to the Oakland Heights residential community. Algonquin will attempt to leave trees in place along Oakland Heights Road as screening between the new station and the residences.

Algonquin will continue to work with individual landowners and state and local agencies where the aboveground facilities are proposed to assess further the need for screening measures. Final details on this new M&R station will be provided in the Resource Reports anticipated to be filed with the FERC in February 2014.



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## APPENDIX 8A

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**Table 8A-1: Land Use Acreage Affected by Construction and Operation of the AIM Pipeline**

**Table 8A-2: Land Use Acreage Affected by Construction and Operation of the AIM Project Aboveground Facilities**

TABLE 8A-1

Land Use Acreage Affected by Construction and Operation of the AIM Pipeline

	Open Land <u>a/</u>			Agricultural <u>b/</u>			Forest/Woodland <u>c/</u>			Industrial/Commercial <u>d/</u>			Residential			Open Water <u>e/</u>			Total <u>f/</u>		
	const	new perm	existing perm	const	new perm	existing perm	const	new perm	existing perm	const	new perm	existing perm	const	new perm	existing perm	Const	new perm	existing perm	Const <u>g/</u>	new perm <u>h/</u>	existing perm <u>i/</u>
<b>AIM Pipeline</b>																					
<b>New York</b>																					
<u>Rockland County</u>																					
<i>Haverstraw to Stony Point Take-up &amp; Relay</i>																					
0.0 – 3.34	17.5	0.0	15.7	0.0	0.0	0.0	14.5	0.0	3.1	2.2	0.0	1.0	8.5	0.0	6.5	0.1	0.0	0.0	42.8	0.0	26.3
<i>Stony Point to Yorktown Take-up &amp; Relay</i>																					
0.0 – 3.49	16.1	0.0	14.8	0.0	0.0	0.0	9.3	0.0	2.2	0.7	0.0	0.4	5.2	0.0	4.2	0.0	0.0	0.0	31.3	0.0	21.6
<u>Westchester County</u>																					
<i>Stony Point to Yorktown Take-up &amp; Relay</i>																					
3.49 – 11.7	37.9	0.0	23	1.6	0.0	0.1	29.2	0.0	4.5	4.6	0.0	1.6	13.6	0.0	8.9	0.0	0.0	0.0	86.9	0.0	38.1
<u>Putnam County</u>																					
<i>Southeast to MLV-19 Take-up &amp; Relay</i>																					
0.0 – 0.1	0.9	0.0	0.7	0.0	0.0	0.0	0.4	0.0	0.0	4	0.0	0.3	0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	1
<b>Subtotal NY</b>	<b>72.4</b>	<b>0.0</b>	<b>54.2</b>	<b>1.6</b>	<b>0.0</b>	<b>0.1</b>	<b>53.4</b>	<b>0.0</b>	<b>9.8</b>	<b>11.5</b>	<b>0.0</b>	<b>3.3</b>	<b>27.3</b>	<b>0.0</b>	<b>19.6</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>166.3</b>	<b>0.0</b>	<b>87</b>
<b>Connecticut</b>																					
<u>Fairfield County</u>																					
<i>Southeast to MLV-19 Take-up &amp; Relay</i>																					
0.0 – 4.3	21.1	0.0	18.7	0.0	0.0	0.0	16.3	0.0	3.5	8.9	0.0	2.1	8.4	0.0	4.2	0.0	0.0	0.0	54.7	0.0	28.5
<u>Middlesex County</u>																					
<i>L-36A Loop Extension</i>																					
0.0 – 1.8	3.9	0.6	3.2	8.2	1.9	3.4	6.5	3.0	0.4	0.9	0.2	0.1	1.0	0.4	0.4	0.0	0.0	0.0	20.5	6.1	7.5





TABLE 8A-1

Land Use Acreage Affected by Construction and Operation of the AIM Pipeline

	Open Land <sup>a/</sup>			Agricultural <sup>b/</sup>			Forest/Woodland <sup>c/</sup>			Industrial/Commercial <sup>d/</sup>			Residential			Open Water <sup>e/</sup>			Total <sup>f/</sup>		
	const	new perm	existing perm	const	new perm	existing perm	const	new perm	existing perm	const	new perm	existing perm	const	new perm	existing perm	Const	new perm	existing perm	Const <sup>g/</sup>	new perm <sup>h/</sup>	existing perm <sup>i/</sup>
<b>Hartford County</b>																					
<i>L-36A Loop Extension</i>																					
1.8 – 2.0	0.5	0.0	0.5	0.6	0.1	0.4	1.4	0.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.5	1.5
<b>New London County</b>																					
<i>E-1 System Lateral Take-up &amp; Relay</i>																					
0.0 – 09.1	45.2	4.4	27.4	13	1.0	6.6	34.3	2.9	6.4	2.0	0.1	0.3	0.2	0.0	0.1	0.2	0.0	0.1	94.9	8.4	40.9
<i>E-1 System Lateral Loop</i>																					
0.0 – 1.3	3.4	0.4	2.9	0.0	0.0	0.0	9.5	2.6	0.8	0.6	0.0	0.0	0.6	0.2	0.4	0.0	0.0	0.0	14.1	3.2	4.1
<b>Subtotal CT</b>	<b>74.1</b>	<b>5.4</b>	<b>52.7</b>	<b>21.8</b>	<b>3.0</b>	<b>10.4</b>	<b>68</b>	<b>8.9</b>	<b>11.7</b>	<b>12.4</b>	<b>0.3</b>	<b>2.5</b>	<b>10.2</b>	<b>0.6</b>	<b>5.1</b>	<b>0.2</b>	<b>0.0</b>	<b>0.1</b>	<b>186.7</b>	<b>18.2</b>	<b>82.5</b>
<b>Massachusetts</b>																					
<b>Norfolk County</b>																					
<i>West Roxbury Lateral</i>																					
0.0 – 3.3	4.4	1.2	0.0	0.0	0.0	0.0	1.8	1.1	0.0	23.1	2.2	0.0	0.9	0.0	0.0	0.0	0.0	0.0	30.2	4.5	0.0
<b>Suffolk County</b>																					
<i>West Roxbury Lateral</i>																					
3.3 – 4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	11.4	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	12	0.0	0.0
<b>Subtotal MA</b>	<b>4.4</b>	<b>1.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.1</b>	<b>1.1</b>	<b>0.0</b>	<b>34.5</b>	<b>2.2</b>	<b>0.0</b>	<b>1.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>42.2</b>	<b>4.5</b>	<b>0.0</b>
<b>Total Pipelines</b>	<b>150.9</b>	<b>6.6</b>	<b>106.9</b>	<b>23.4</b>	<b>3</b>	<b>10.5</b>	<b>123.5</b>	<b>10</b>	<b>21.5</b>	<b>58.4</b>	<b>2.5</b>	<b>5.8</b>	<b>38.7</b>	<b>0.6</b>	<b>24.7</b>	<b>0.3</b>	<b>0</b>	<b>0.1</b>	<b>395.2</b>	<b>22.7</b>	<b>169.5</b>
<b>Access Roads</b>																					
New York	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	9.3	0.0	0.2
Connecticut	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	9.9	0.0	0.5
Rhode Island	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Massachusetts	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Roads <sup>j/</sup></b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>19.2</b>	<b>0.0</b>	<b>0.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>19.2</b>	<b>0.0</b>	<b>0.8</b>

TABLE 8A-1

Land Use Acreage Affected by Construction and Operation of the AIM Pipeline

	Open Land <u>a/</u>			Agricultural <u>b/</u>			Forest/Woodland <u>c/</u>			Industrial/Commercial <u>d/</u>			Residential			Open Water <u>e/</u>			Total <u>f/</u>		
	const	new perm	existing perm	const	new perm	existing perm	const	new perm	existing perm	const	new perm	existing perm	const	new perm	existing perm	Const	new perm	existing perm	Const <u>g/</u>	new perm <u>h/</u>	existing perm <u>i/</u>
Pipe and Ware Yards																					
New York	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Connecticut	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Rhode Island	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Massachusetts	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Total Yards	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
TOTAL <u>f/</u>	150.9	6.6	106.9	23.4	3.0	10.5	123.5	10.0	21.5	77.6	2.5	6.6	38.7	0.6	24.7	0.3	0.0	0.1	414.4	22.7	170.3

<sup>a/</sup> Algonquin's maintained existing pipeline ROW, other utility ROWs, open fields, vacant land, herbaceous and scrub-shrub uplands, non-forested lands, emergent wetland, scrub-shrub wetland, golf courses, and municipal land.

<sup>b/</sup> Active hayfields and cultivated land

<sup>c/</sup> Mixed oak forest and forested wetlands.

<sup>d/</sup> Includes manufacturing or industrial plants, paved areas, landfills, mines, quarries electric power or natural gas utility facilities; developed areas, roads, railroads and railroad yards, and commercial or retail facilities.

<sup>e/</sup> Includes water crossings greater than 100 feet and streams visible on aerial photography but less than 100 feet in width. Major Waterbodies (>100' wide) include the Hudson River. Note: this crossing will be conducted through the use of the HDD crossing method, therefore, no permanent physical impacts to this waterbody is anticipated because the pipeline will be installed beneath the river bottom. Impacts shown are for the physical pipeline itself.

<sup>f/</sup> Minor discrepancies in totals are due to rounding errors.

<sup>g/</sup> Total Construction Workspace includes the total of new permanent pipeline ROW and temporary workspace areas.

<sup>h/</sup> New Perm ROW is new Algonquin pipeline ROW required for the Project that will be maintained as part of its operation.

<sup>i/</sup> Existing Perm ROW is the existing Algonquin permanent pipeline ROW currently maintained as part of its operation.

<sup>j/</sup> Road widths were calculated at an average of 20' each.

TBD = To be determined.

TABLE 8A-2

Land Use Acreage Affected by Construction and Operation of the AIM Project Aboveground Facilities

	Open Land <u>a/</u>		Agricultural <u>b/</u>		Forest/Woodland <u>c/</u>		Industrial/Commercial <u>d/</u>		Residential		Open Water <u>e/</u>		Total <u>f/</u>	
	Con (Acres)	Op (acres)	Con (Acres)	Op (acres)	Con (Acres)	Op (acres)	Con (Acres)	Op (acres)	Con (Acres)	Op (acres)	Con (Acres)	Op (acres)	Con (Acres) <u>g/</u>	Op (acres) <u>h/</u>
<b>Aboveground Facilities</b>														
<b><u>Existing Compressor Station Changes</u></b>														
Stony Point CS	1.0	0.0	0.0	0.0	7.6	0.0	11.6	0.0	0.0	0.0	0.0	0.0	20.2	0.0
Southeast CS	0.2	0.0	0.0	0.0	4.7	0.0	11.1	0.0	0.0	0.0	0.0	0.0	16.0	0.0
Cromwell CS (Hartford County)	0.0	0.0	0.0	0.0	0.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.7	0.0
Cromwell CS Middlesex County)	0.2	0.0	0.0	0.0	5.3	0.0	11.2	0.0	0.0	0.0	0.0	0.0	16.7	0.0
Chaplin CS	1.5	0.0	0.0	0.0	3.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	11.5	0.0
Burrillville CS	0.0	0.0	0.0	0.0	5.9	0.0	10.6	0.0	0.0	0.0	0.0	0.0	16.5	0.0
<b>Subtotal Existing Compressor Stations</b>	<b>2.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>26.4</b>	<b>0.0</b>	<b>52.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>81.5</b>	<b>0.0</b>
<b><u>New M&amp;R Stations</u></b>														
Assonet M&R Station	0.2	TBD	0.0	0.0	0.7	TBD	0.4	TBD	0.0	0.0	0.0	0.0	1.3	TBD
West Roxbury M&R Station	0.0	0.0	0.0	0.0	1.8	TBD	0.2	TBD	0.0	0.0	0.0	0.0	2.0	TBD
Oakland Heights M&R Station	0.0	0.0	0.0	0.0	3.7	TBD	0.0	TBD	0.0	0.0	0.0	0.0	3.7	TBD
<b>Subtotal New M&amp;R Stations</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>6.2</b>	<b>0.0</b>	<b>0.6</b>	<b>TBD</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>7.0</b>	<b>TBD</b>
<b><u>Existing M&amp;R Station Changes</u></b>														
Peekskill M&R Station <u>i/</u>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cortlandt M&R Station <u>j/</u>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Stony Point M&R Station <u>j/</u>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
West Danbury M&R Station <u>j/</u>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Farmington M&R Station	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.4	0.0
North Haven M&R Station	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0
Southbury M&R Station	0.1	0.0	0.0	0.0	0.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.7	0.0
Waterbury M&R Station	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0
Middletown M&R Station	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
Guilford M&R Station	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.5	0.0
Glastonbury M&R Station	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.8	0.0
Willimantic M&R Station	0.0	0.0	0.0	0.0	1.2	TBD	0.3	TBD	0.0	0.0	0.0	0.0	1.5	TBD
Pomfret M&R Station	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0
Salem Pike M&R Station	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0
Montville M&R Station <u>j/</u>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Putnam M&R Station	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.6	0.0

TABLE 8A-2

Land Use Acreage Affected by Construction and Operation of the AIM Project Aboveground Facilities

	Open Land <u>a/</u>		Agricultural <u>b/</u>		Forest/Woodland <u>c/</u>		Industrial/Commercial <u>d/</u>		Residential		Open Water <u>e/</u>		Total <u>f/</u>	
	Con (Acres)	Op (acres)	Con (Acres)	Op (acres)	Con (Acres)	Op (acres)	Con (Acres)	Op (acres)	Con (Acres)	Op (acres)	Con (Acres)	Op (acres)	Con (Acres) <u>g/</u>	Op (acres) <u>h/</u>
Wellesley M&R Station	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0
Needham M&R Station	0.1	0.0	0.0	0.0	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.6	0.0
Norwood M&R Station	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.8	0.0
New Bedford M&R Station	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	1.8	0.0
Brockton M&R Station	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0
Middleborough M&R Station	0.0	0.0	0.0	0.0	0.2	0.0	0.9	0.0	0.0	0.0	0.0	0.0	1.1	0.0
Mystic M&R Station	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.0
North Fall River M&R Station <u>i/</u>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Subtotal Existing M&amp;R Stations</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.5</b>	<b>0.0</b>	<b>9.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>12.5</b>	<b>0.0</b>
<b>Total Aboveground Facilities <u>f/</u></b>	<b>3.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>35.1</b>	<b>0.0</b>	<b>62.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100.9</b>	<b>TBD</b>
<b>Access Roads</b>														
Oakland Heights M&R Station	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
West Roxbury M&R Station	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
<b>Total Access Roads</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>
<b>TOTAL <u>f/</u></b>	<b>3.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>35.1</b>	<b>0.0</b>	<b>62.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100.9</b>	<b>TBD</b>

a/ Algonquin's maintained existing pipeline ROW, other utility ROWs, open fields, vacant land, herbaceous and scrub-shrub uplands, non-forested lands, emergent wetland, scrub-shrub wetland, golf courses, and municipal land.

b/ Active hayfields and cultivated land.

c/ Mixed oak forest and forested wetlands.

d/ Includes manufacturing or industrial plants, paved areas, landfills, mines, quarries electric power or natural gas utility facilities; developed areas, roads, railroads and railroad yards, and commercial or retail facilities.

e/ Includes water crossings greater than 100 feet and streams visible on aerial photography but less than 100 feet in width.

f/ Minor discrepancies in totals are due to rounding errors.

g/ Total Construction Workspace includes the temporary workspace inside and outside of the fence line for existing facilities. The total acreage does not include approximately 2.3 miles of land use crossed between MP 2.62 and MP 4.94 at the Hudson River crossing.

h/ Operational acres impacted include permanent new land affected for operation and maintenance of new or rebuilt aboveground facilities requiring new lands.

i/ All, or a majority of, the construction workspace is already included in the new permanent pipeline ROW and temporary workspace areas (see narrative).

TBD = To be determined.

---

## APPENDIX 8B

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**Figure 8.2-1: Land Use Crossed by the AIM Project Pipeline**

**Figure 8.2-2: Land Use Crossed by the AIM Project Aboveground Facilities**





### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



Algonquin Gas Transmission, LLC  
5400 Westheimer Ct., Houston, TX 77066-3310 | 281-627-5400

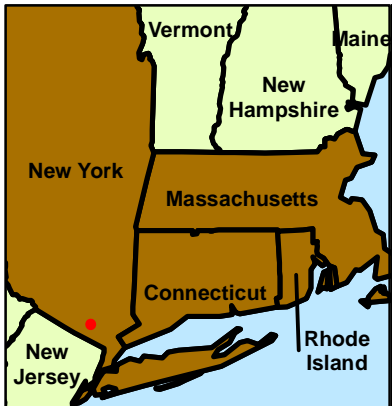
AIM Project

Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Haverstraw to Stony Point Take-up and Relay*  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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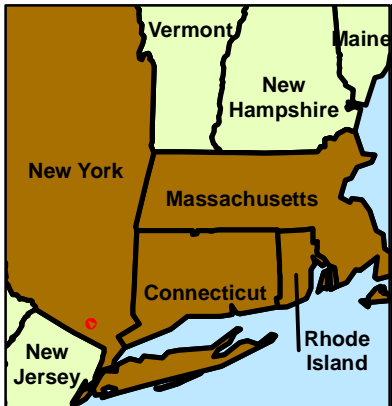
### AIM Project

### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*Haverstraw to Stony Point Take-up and Relay*  
 Page 2 of 94

Created: 10/24/2013





### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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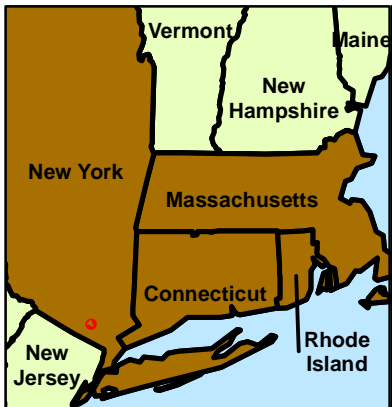
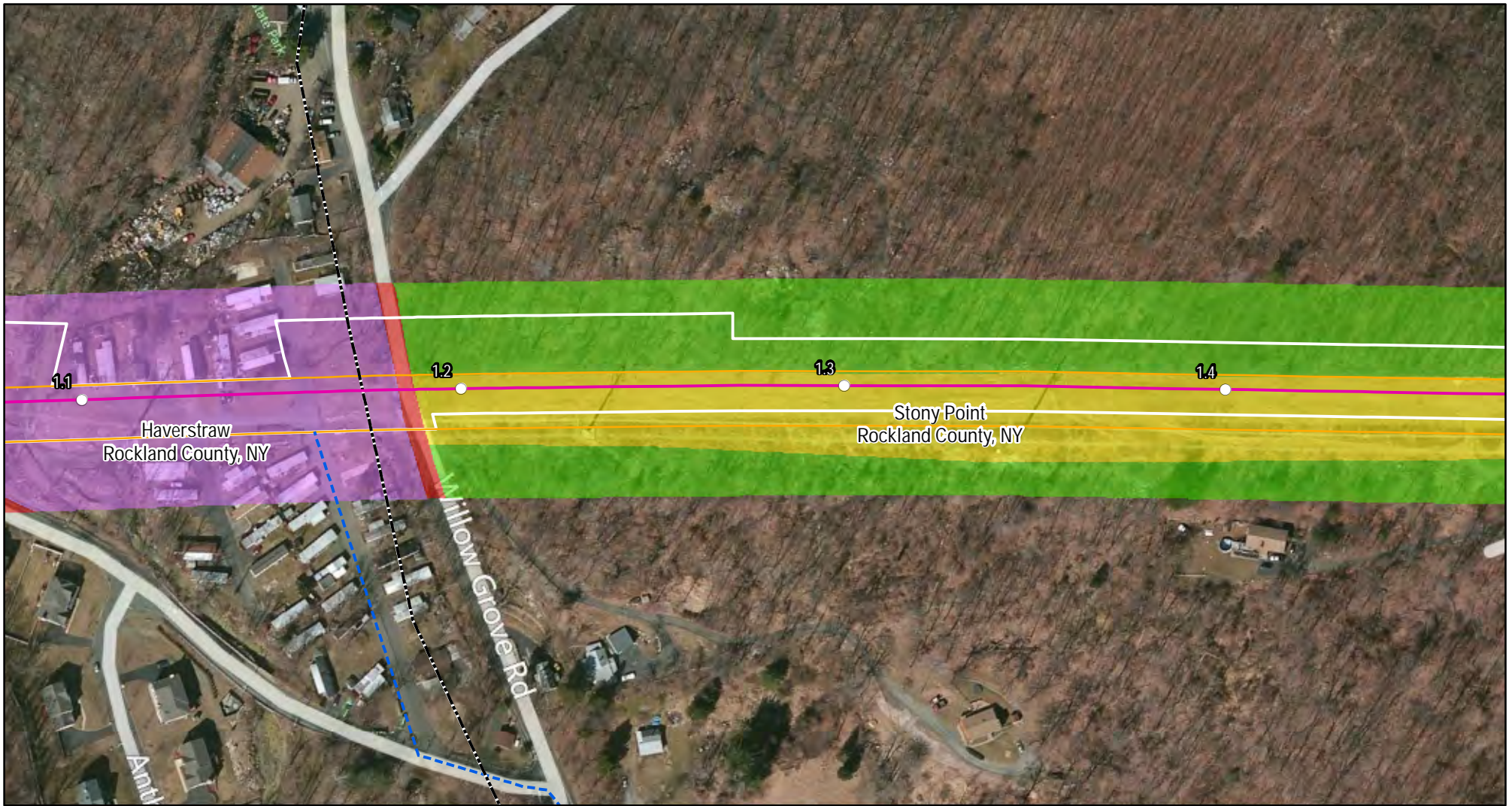
AIM Project

Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Haverstraw to Stony Point Take-up and Relay*  
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Created: 10/24/2013





### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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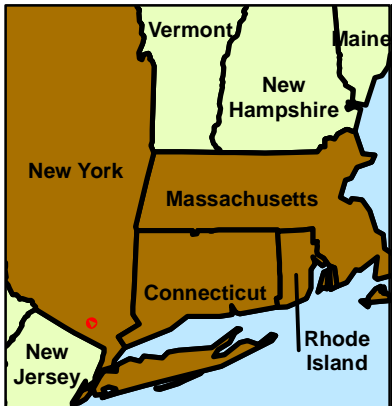
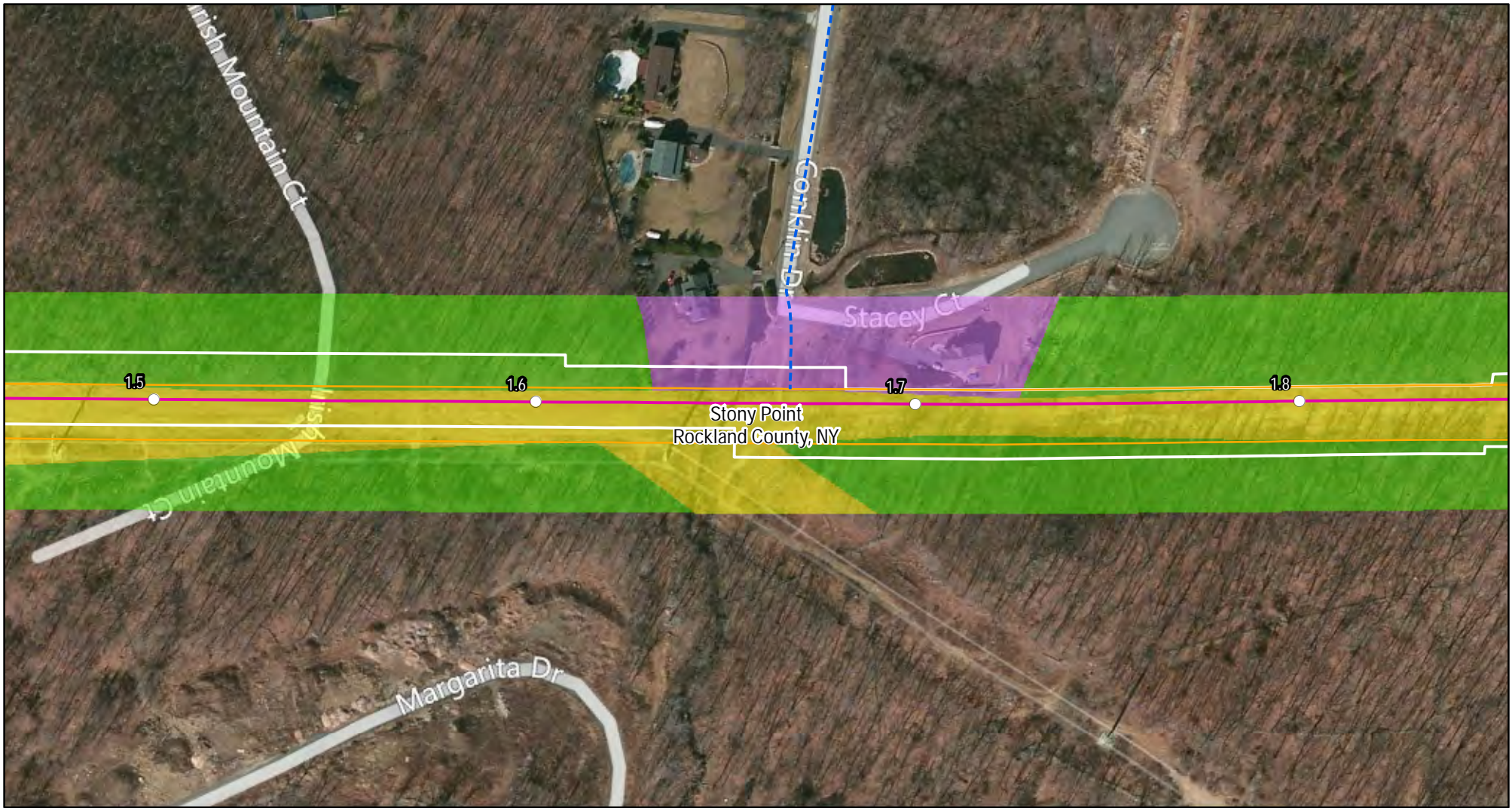
### AIM Project

### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*Haverstraw to Stony Point Take-up and Relay*  
 Page 4 of 94

Created: 10/24/2013





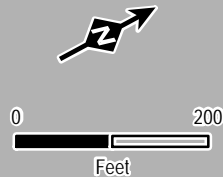
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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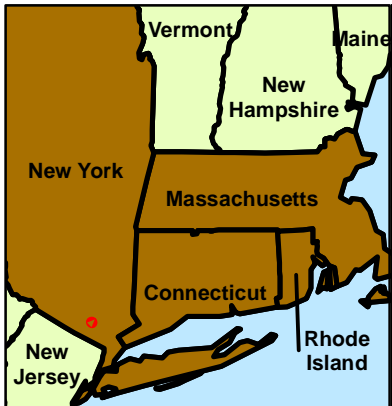
### AIM Project

### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*Haverstraw to Stony Point Take-up and Relay*  
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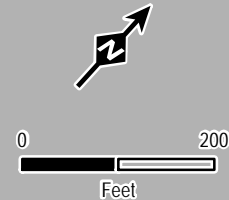
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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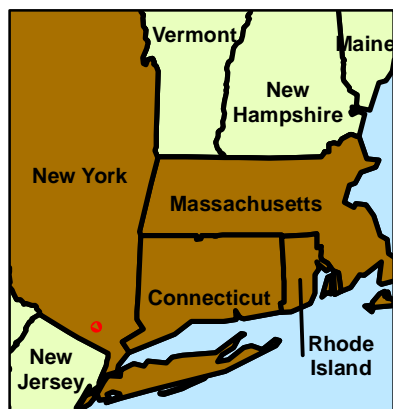
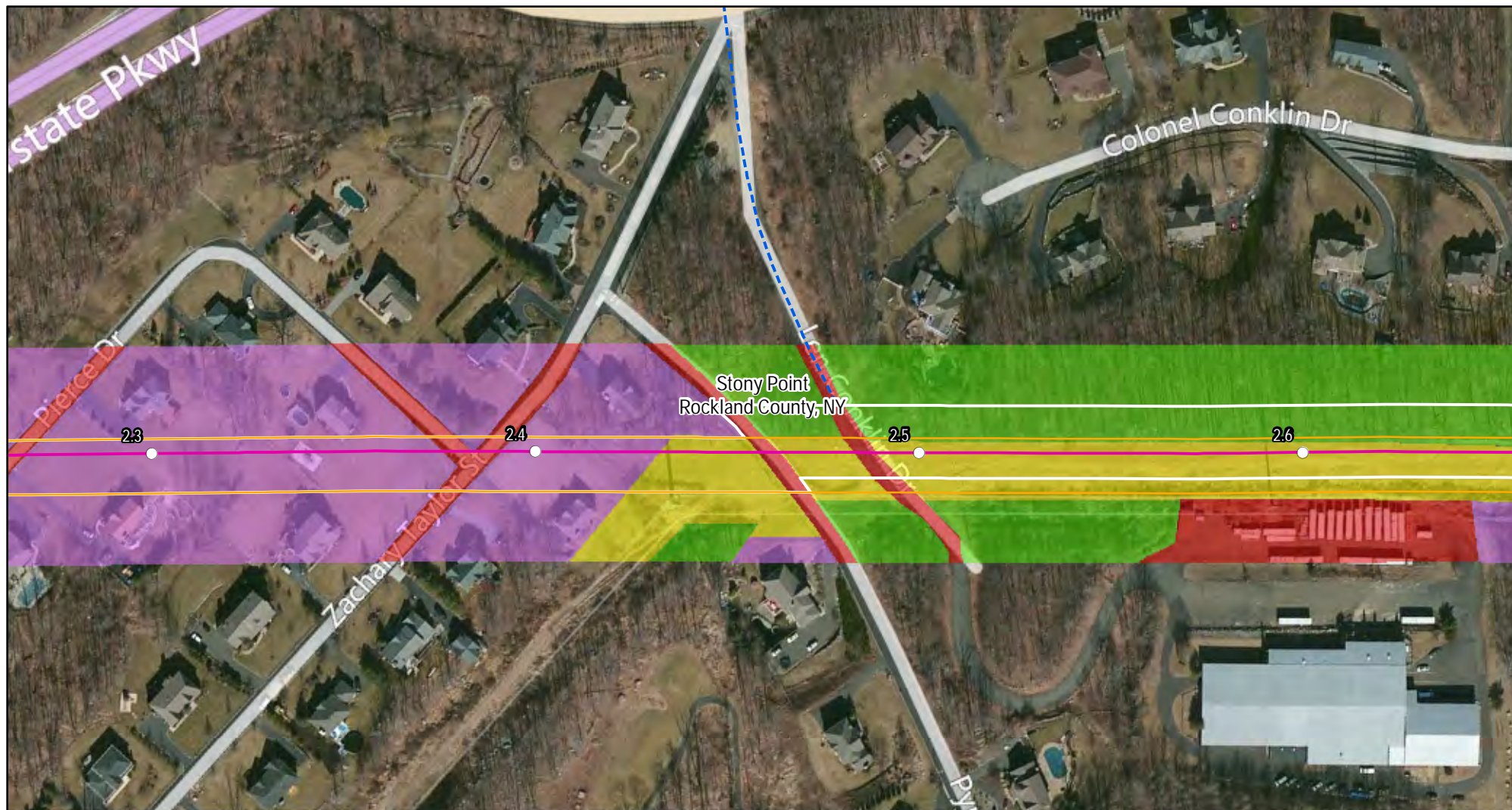
AIM Project

Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Haverstraw to Stony Point Take-up and Relay*  
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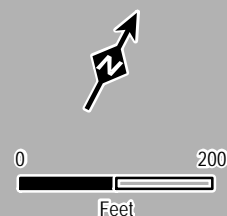
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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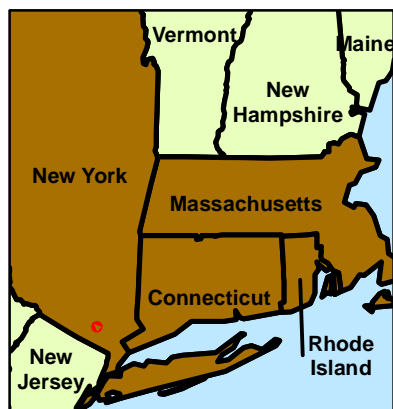
AIM Project

Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Haverstraw to Stony Point Take-up and Relay*  
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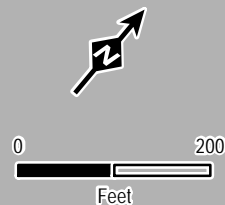
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
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- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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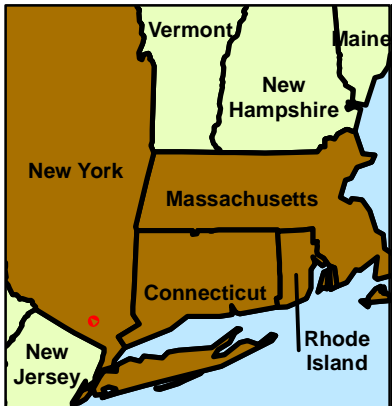
AIM Project

Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Haverstraw to Stony Point Take-up and Relay*  
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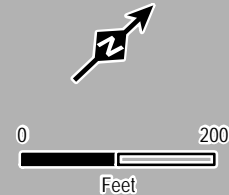
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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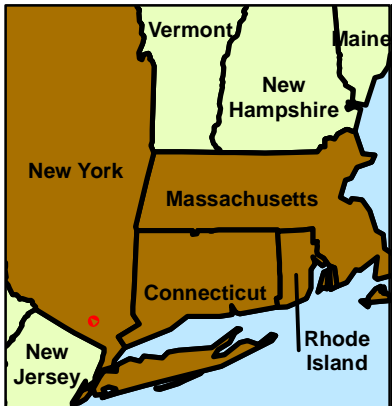
### AIM Project

### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*Haverstraw to Stony Point Take-up and Relay*  
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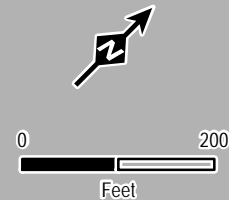
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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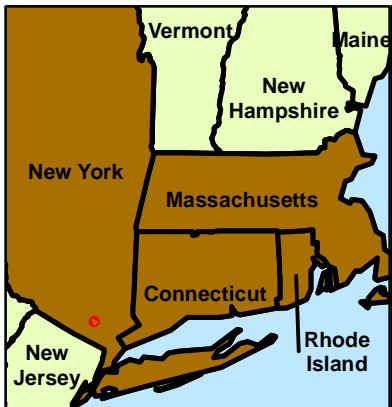
### AIM Project

### Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Stony Point to Yorktown Take-up and Relay*  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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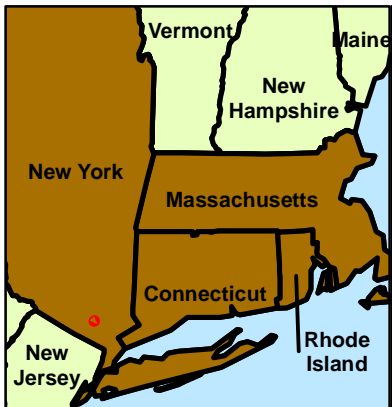
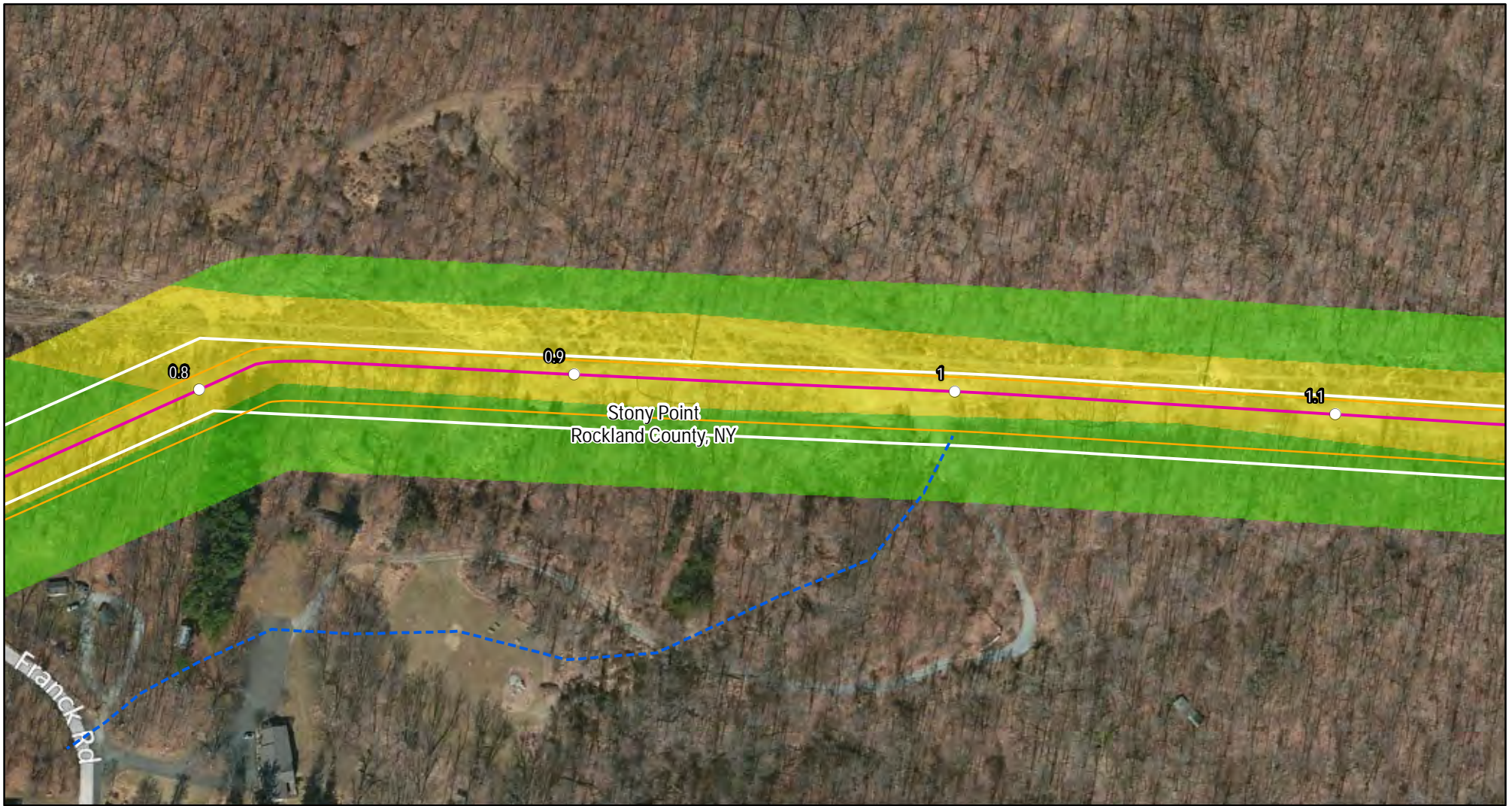
AIM Project

Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Stony Point to Yorktown Take-up and Relay*  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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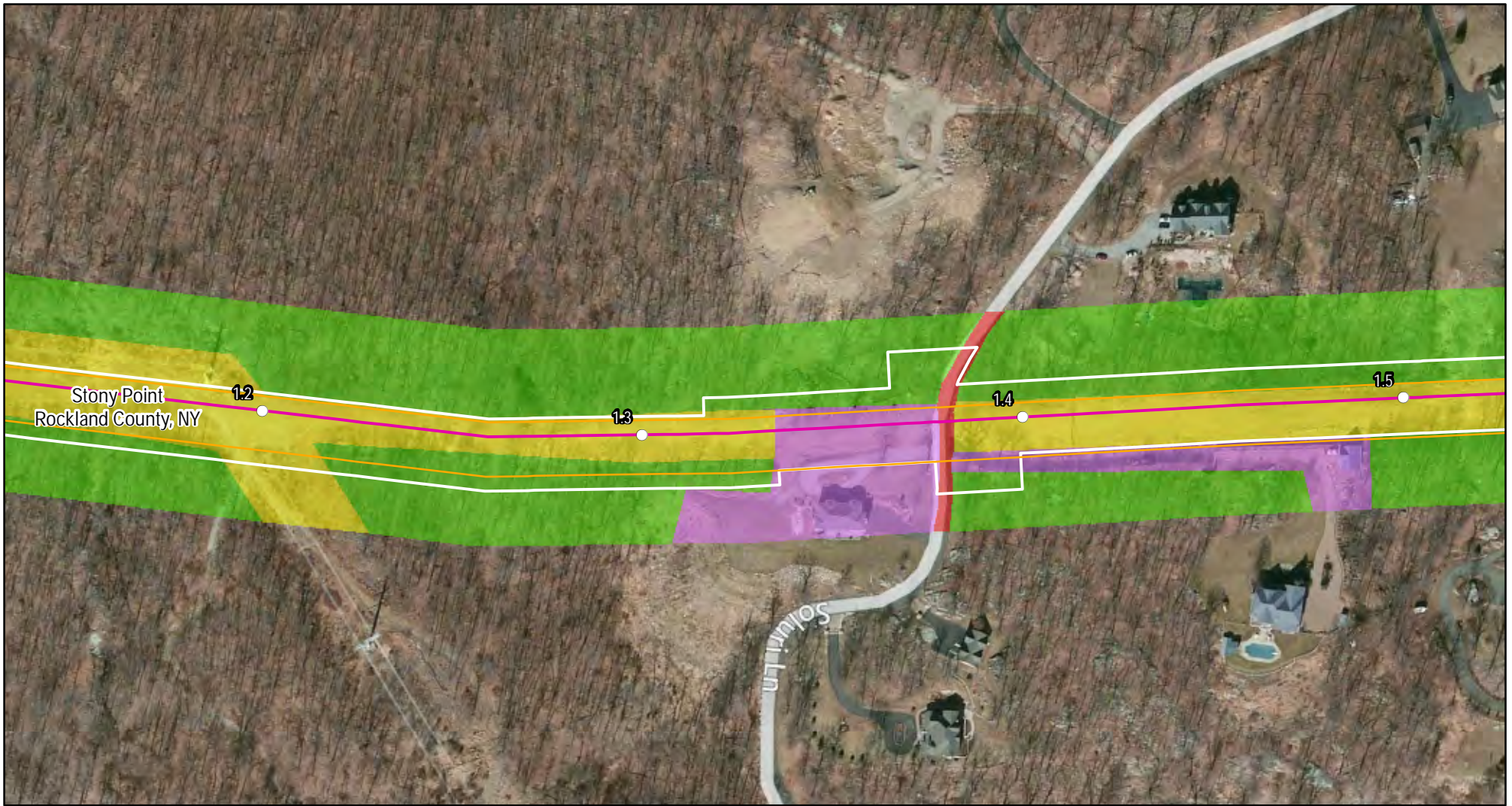
### AIM Project

### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*Stony Point to Yorktown Take-up and Relay*  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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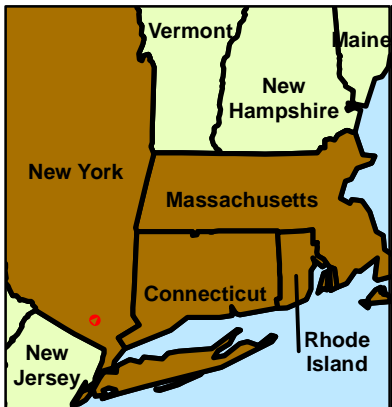
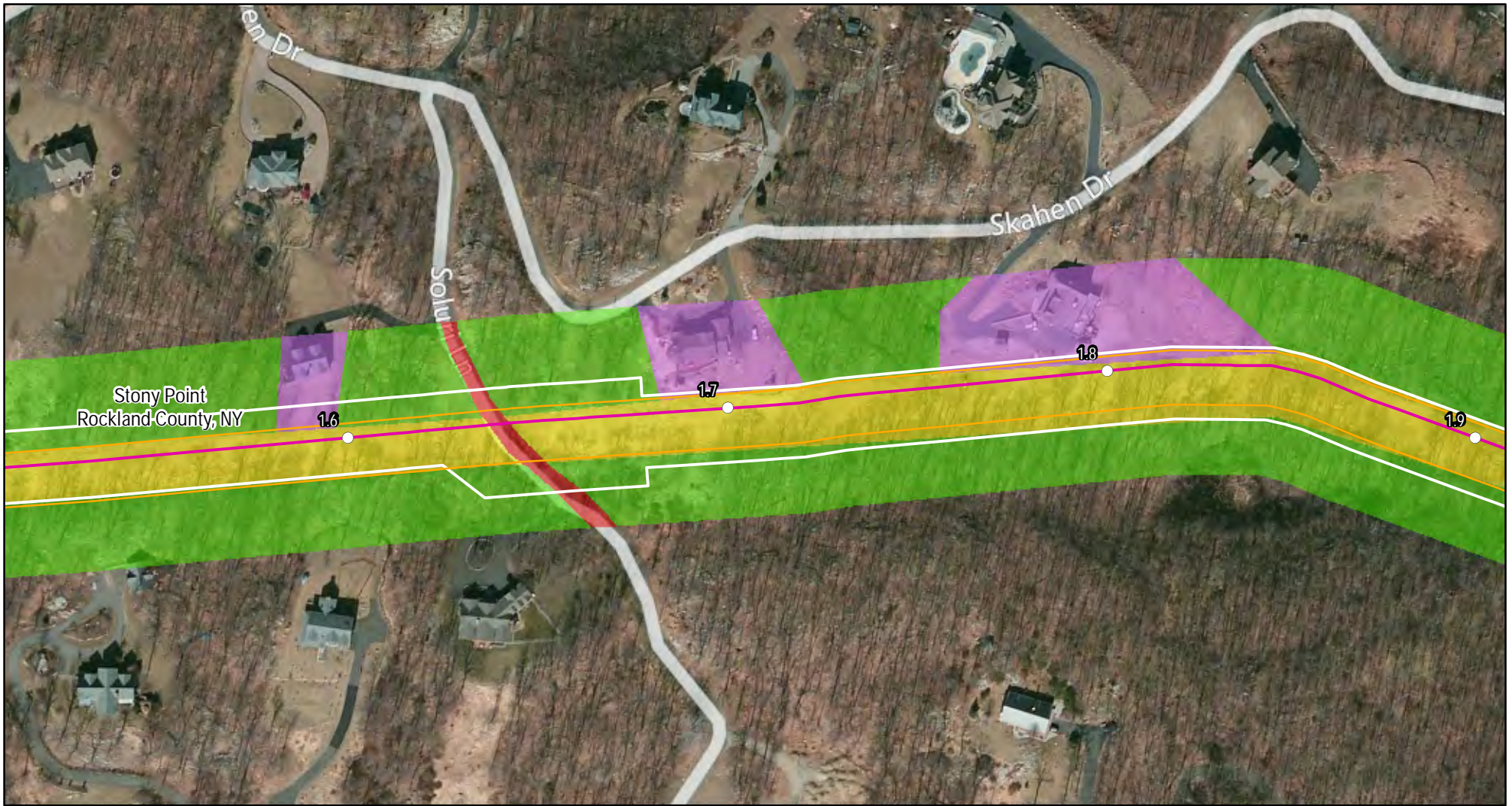
AIM Project

Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Stony Point to Yorktown Take-up and Relay*  
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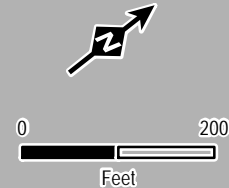
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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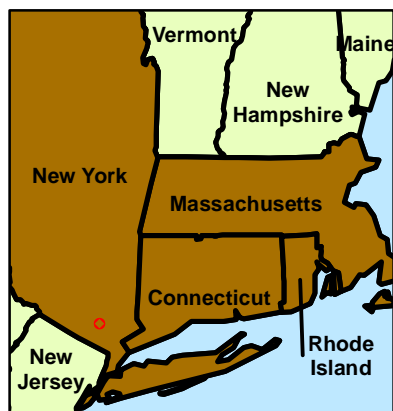
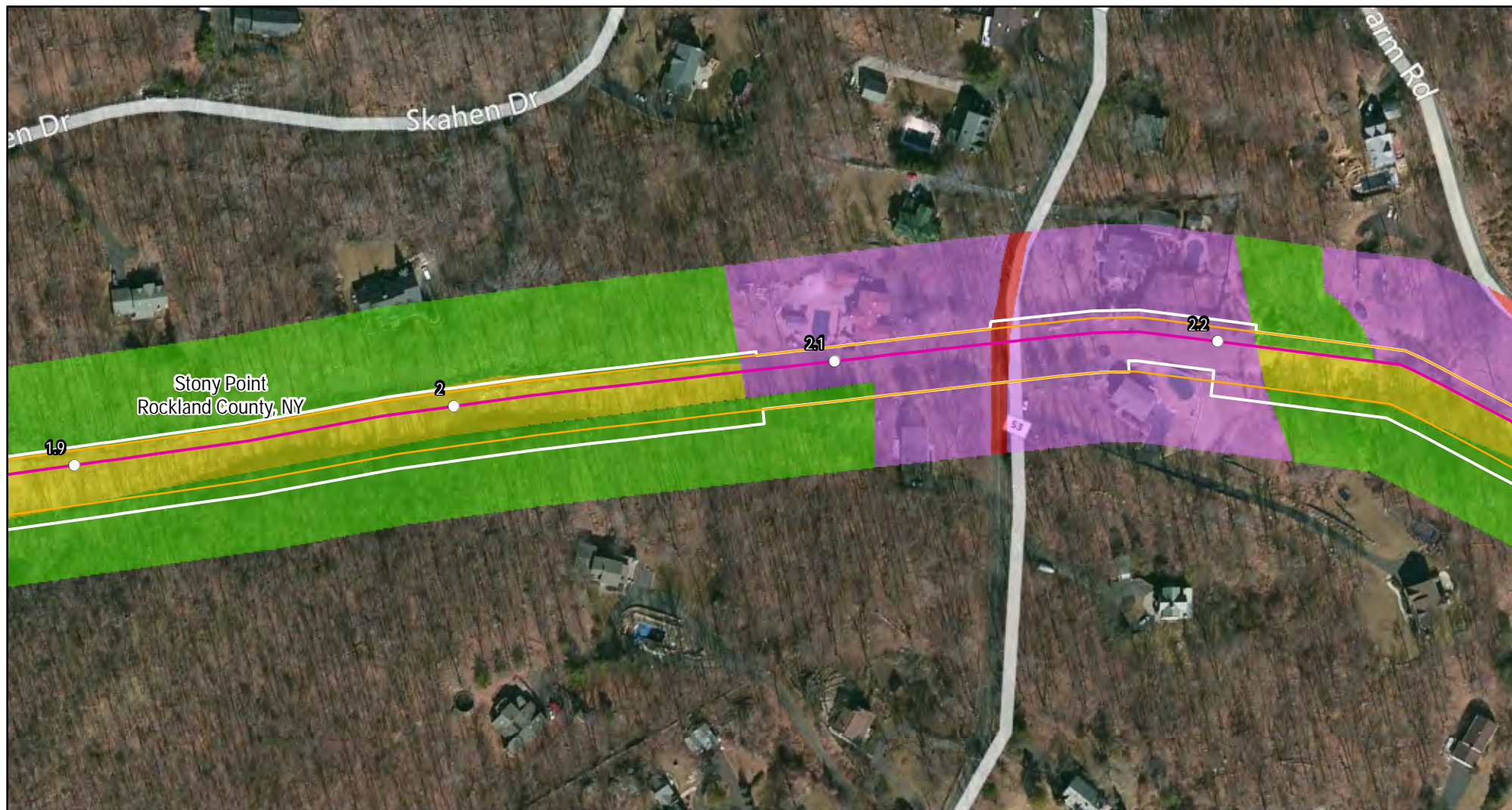
### AIM Project

### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*Stony Point to Yorktown Take-up and Relay*  
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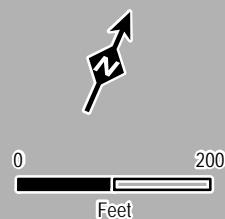
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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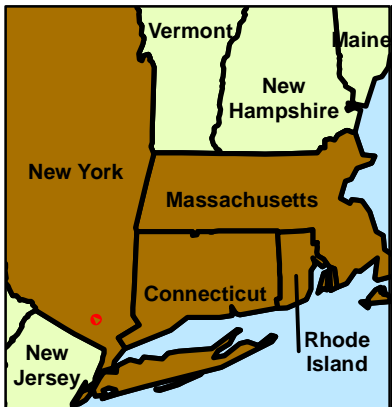
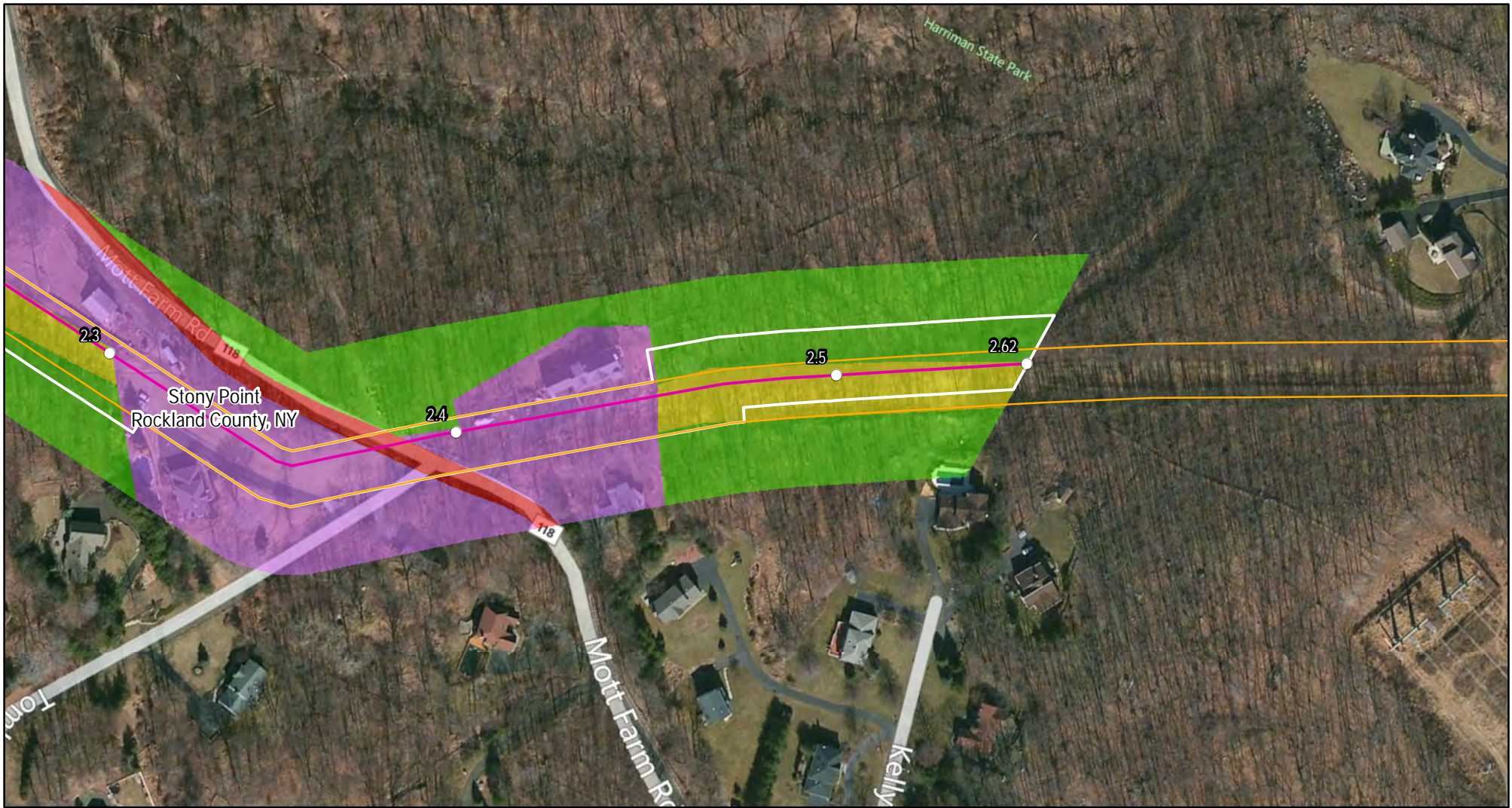
AIM Project

Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Stony Point to Yorktown Take-up and Relay*  
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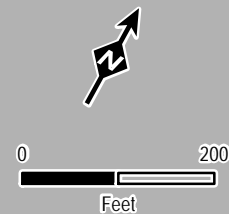
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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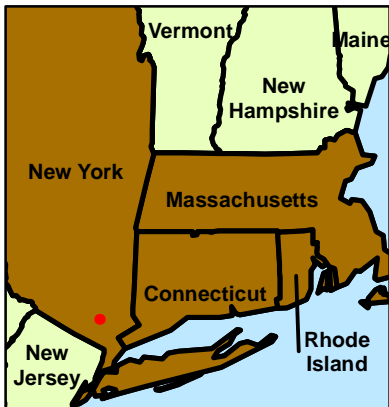
AIM Project

Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Stony Point to Yorktown Take-up and Relay*  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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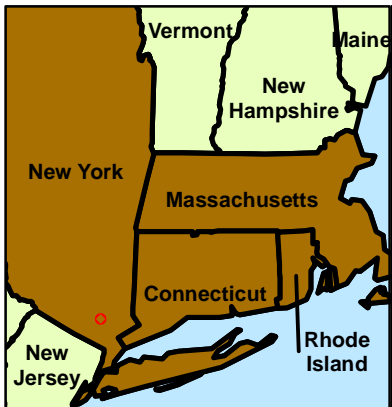
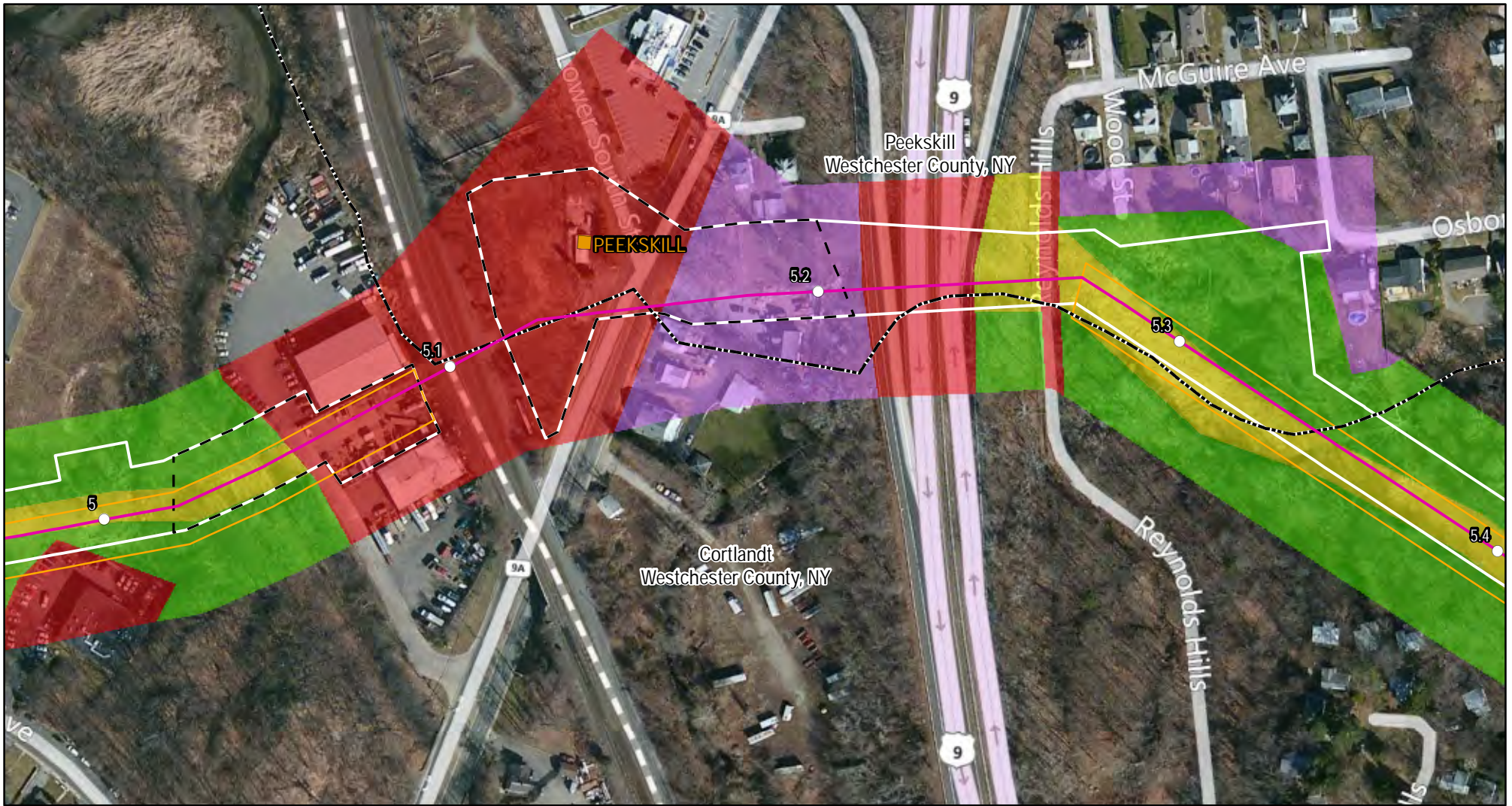
AIM Project

Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Story Point to Yorktown Take-up and Relay*  
Page 17 of 94

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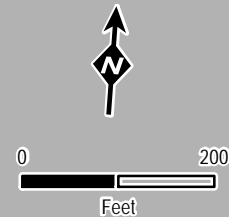
### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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AIM Project

Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*Story Point to Yorktown Take-up and Relay*  
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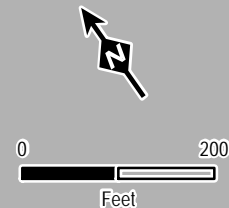
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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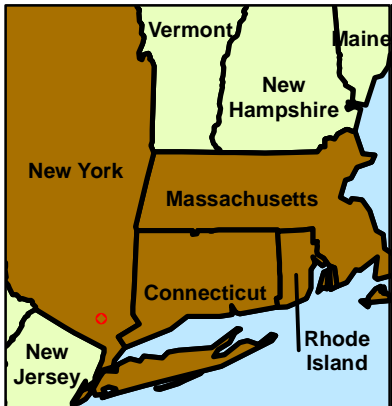
### AIM Project

### Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Story Point to Yorktown Take-up and Relay*  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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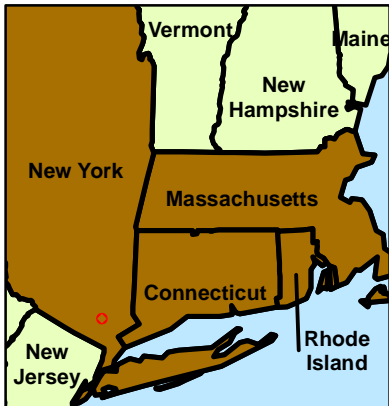
AIM Project

Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Story Point to Yorktown Take-up and Relay*  
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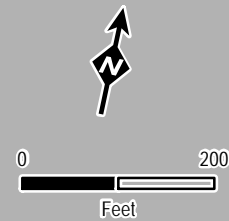
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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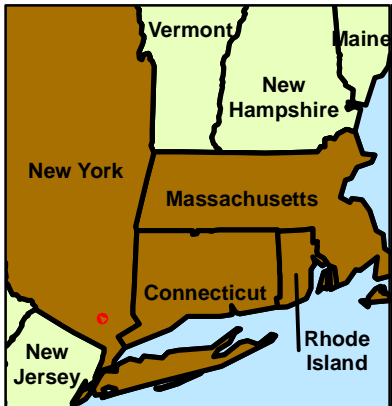
### AIM Project

### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*Story Point to Yorktown Take-up and Relay*  
*Page 21 of 94*

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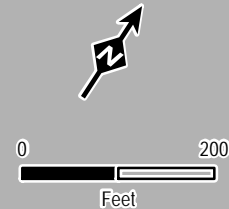
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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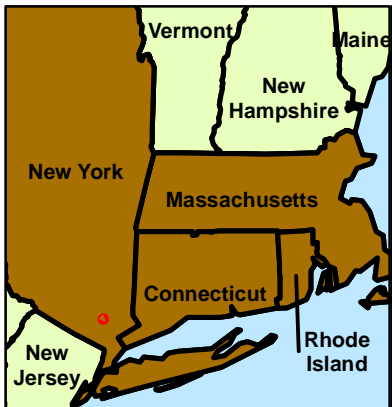
### AIM Project

### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*Stony Point to Yorktown Take-up and Relay*  
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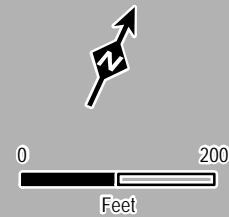
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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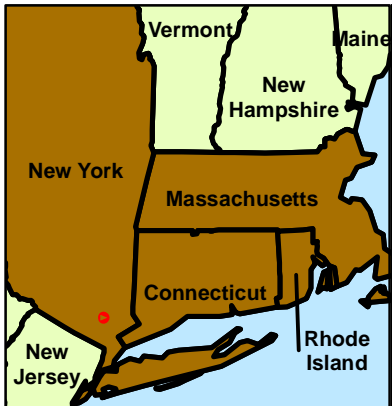
### AIM Project

### Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Story Point to Yorktown Take-up and Relay*  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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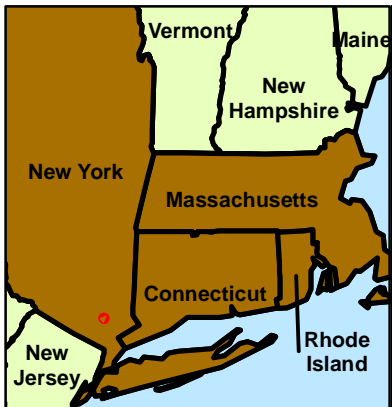
AIM Project

Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Story Point to Yorktown Take-up and Relay*  
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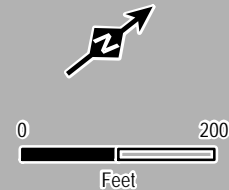
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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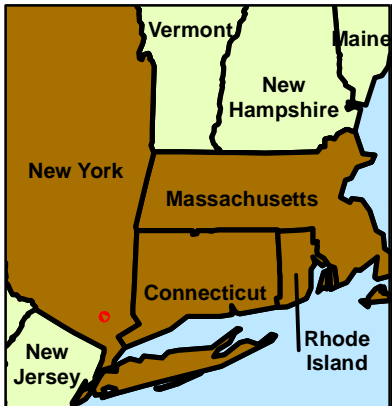
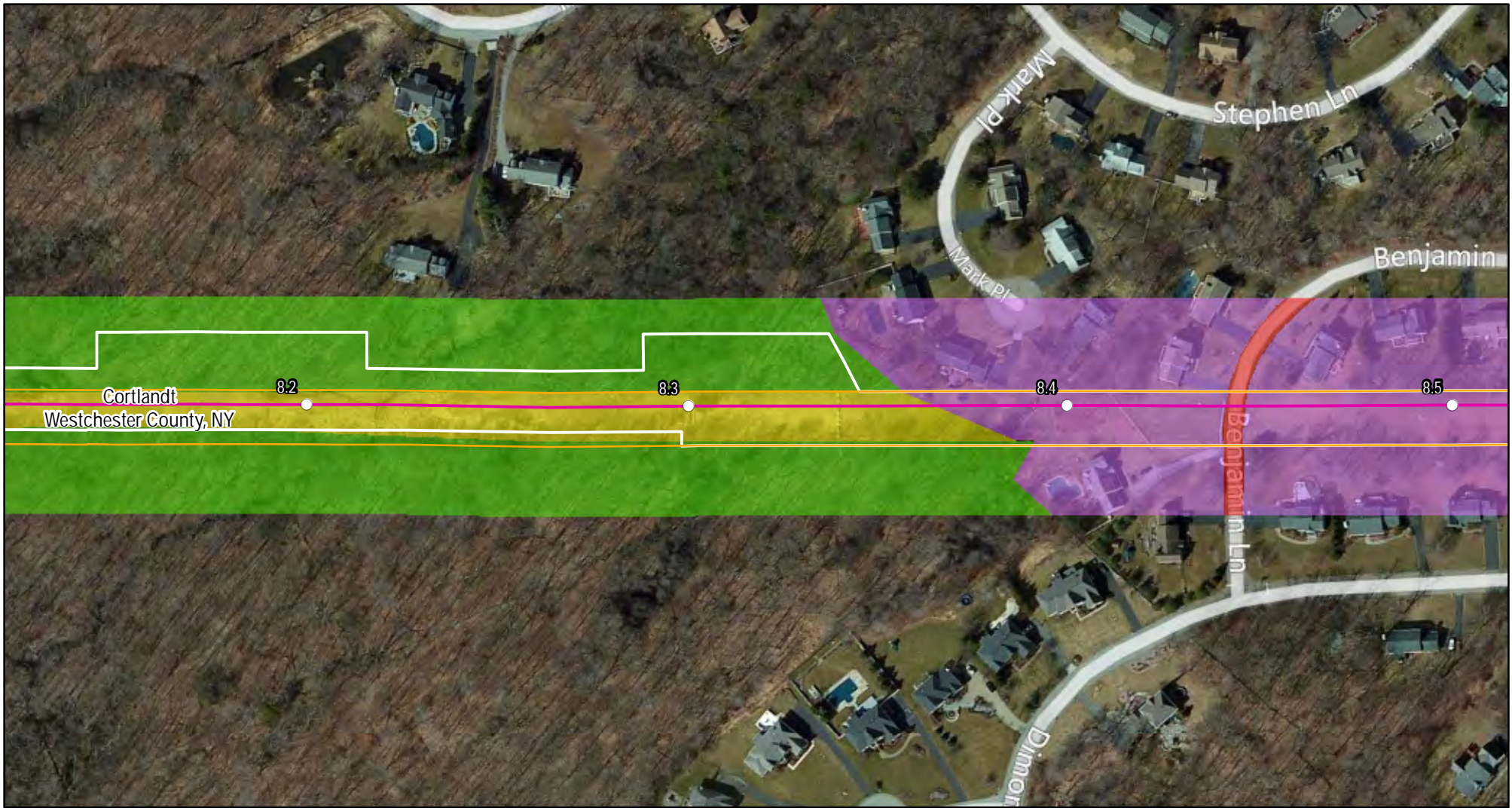
### AIM Project

### Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Story Point to Yorktown Take-up and Relay*  
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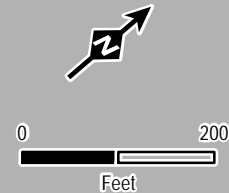
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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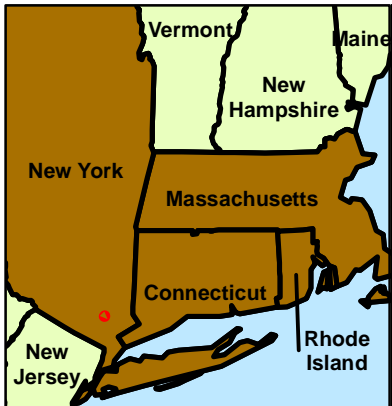
### AIM Project

### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*Story Point to Yorktown Take-up and Relay*  
*Page 26 of 94*

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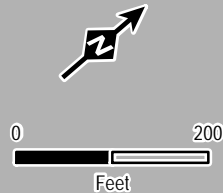
### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
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Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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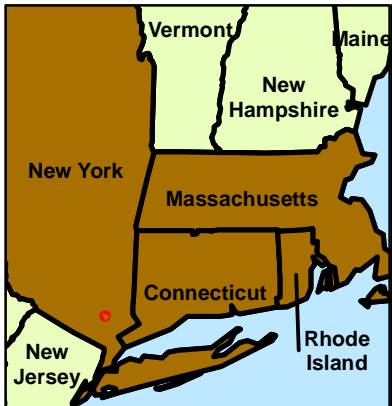
### AIM Project

### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*Story Point to Yorktown Take-up and Relay*  
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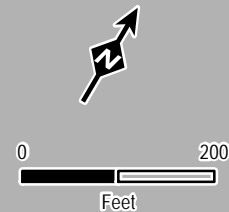
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
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Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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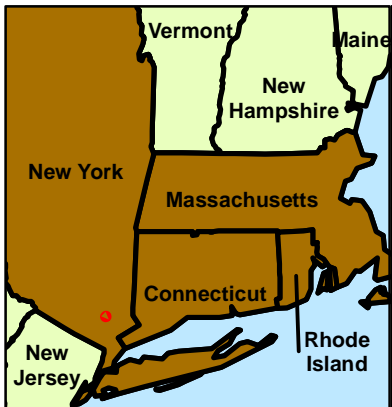
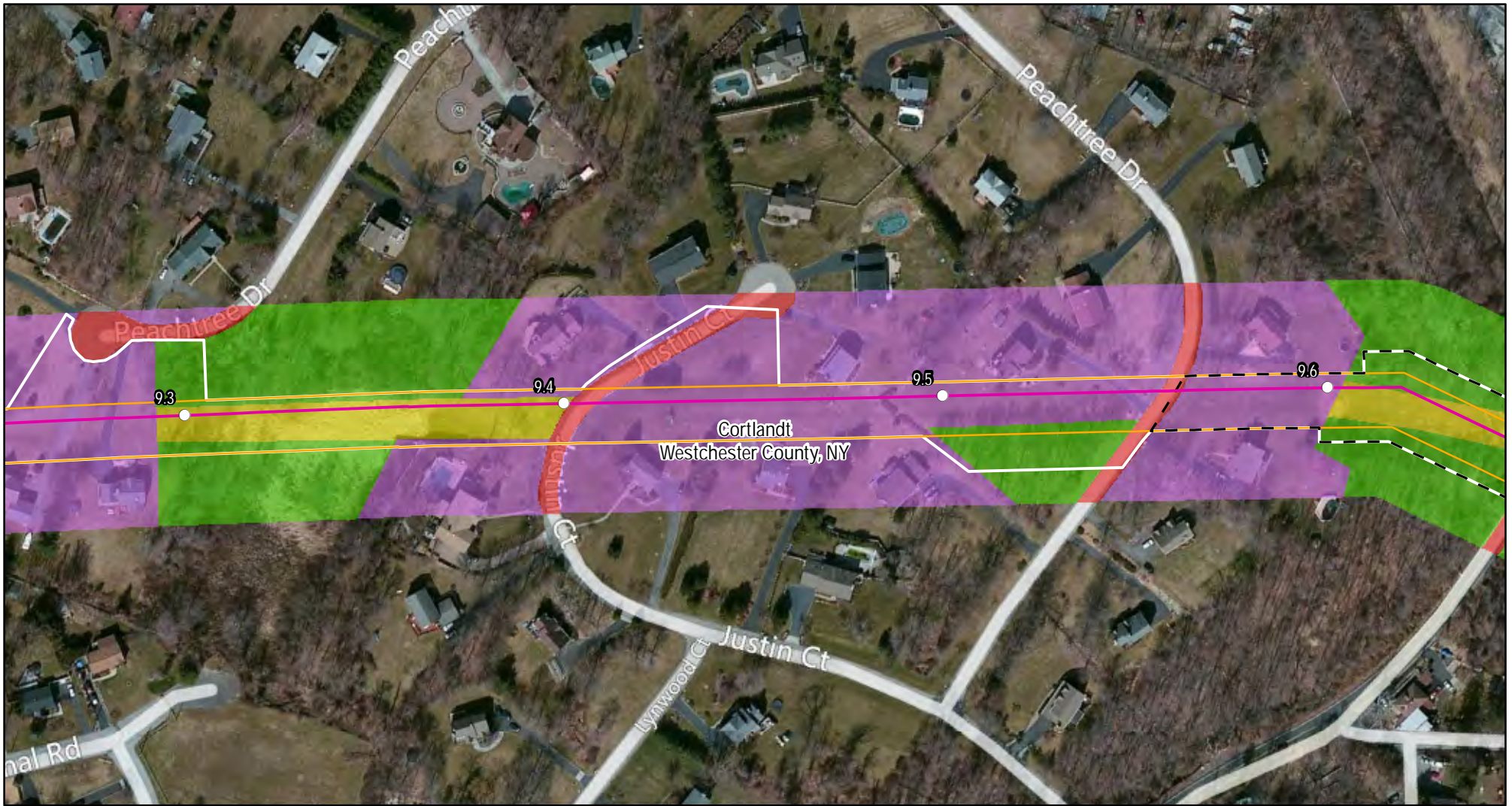
AIM Project

Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*Story Point to Yorktown Take-up and Relay*  
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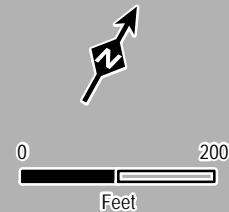
### Legend

- AIM Pipeline Facility
- - - Access Roads
- - - Temporary Workspace
- - - Compressor Station
- - - Temporary Workspace
- - - Meter Station
- - - Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
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- Forest/Woodland
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Sources: BING, ESRI, SPECTRA  
Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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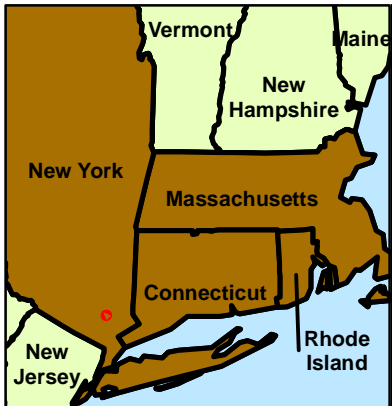
AIM Project

Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Story Point to Yorktown Take-up and Relay*  
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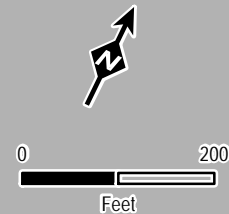
### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
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- Existing Meter Station
- Proposed Meter Station

### Land Use

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- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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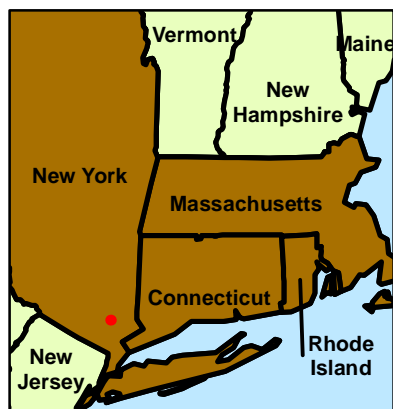
AIM Project

Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Stony Point to Yorktown Take-up and Relay*  
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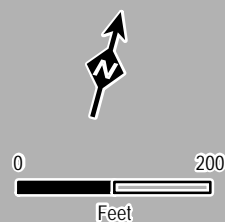
### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



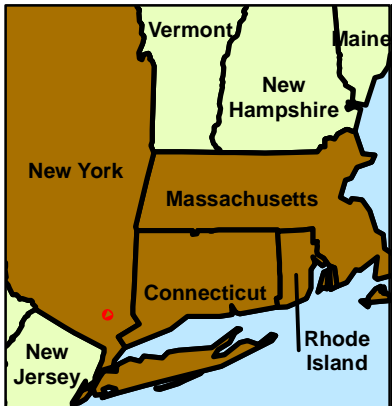
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AIM Project

### Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Story Point to Yorktown Take-up and Relay*  
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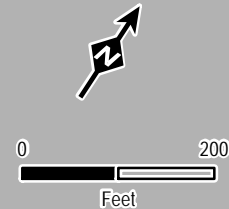
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*Story Point to Yorktown Take-up and Relay*  
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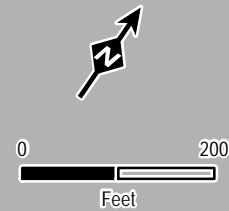
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
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- Forest/Woodland
- Industrial
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- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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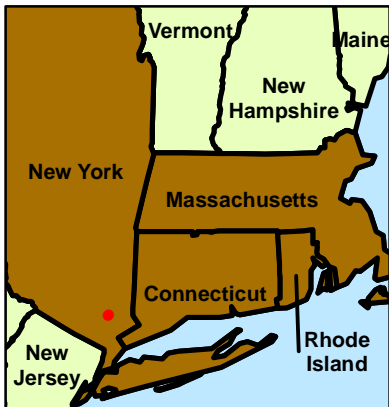
### AIM Project

### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*Stony Point to Yorktown Take-up and Relay*  
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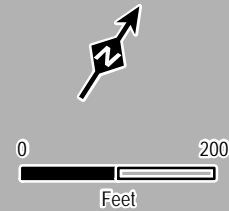
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
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- Forest/Woodland
- Industrial
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Sources: BING, ESRI, SPECTRA  
Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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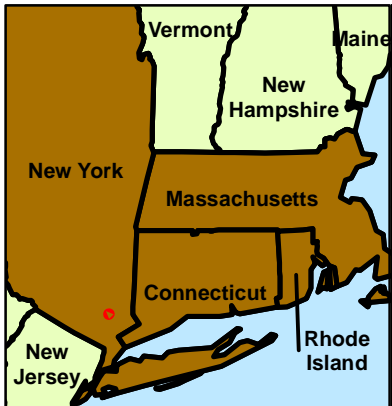
### AIM Project

### Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Story Point to Yorktown Take-up and Relay*  
Page 34 of 94

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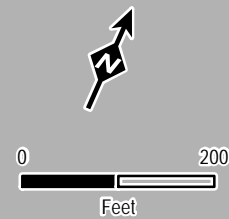
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
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- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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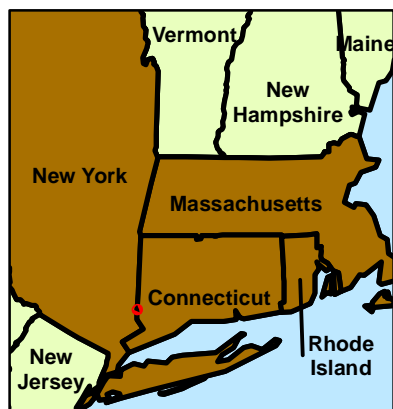
### AIM Project

### Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Stony Point to Yorktown Take-up and Relay*  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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AIM Project

Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*Southeast to MLV-19 Take-up and Relay*  
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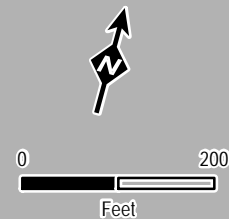
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
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- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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AIM Project

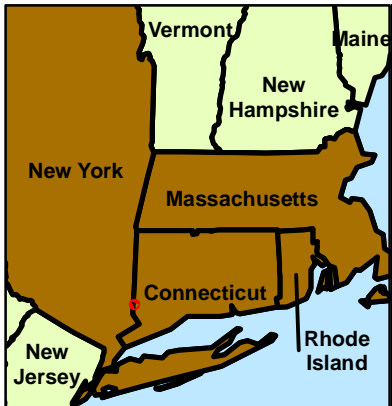
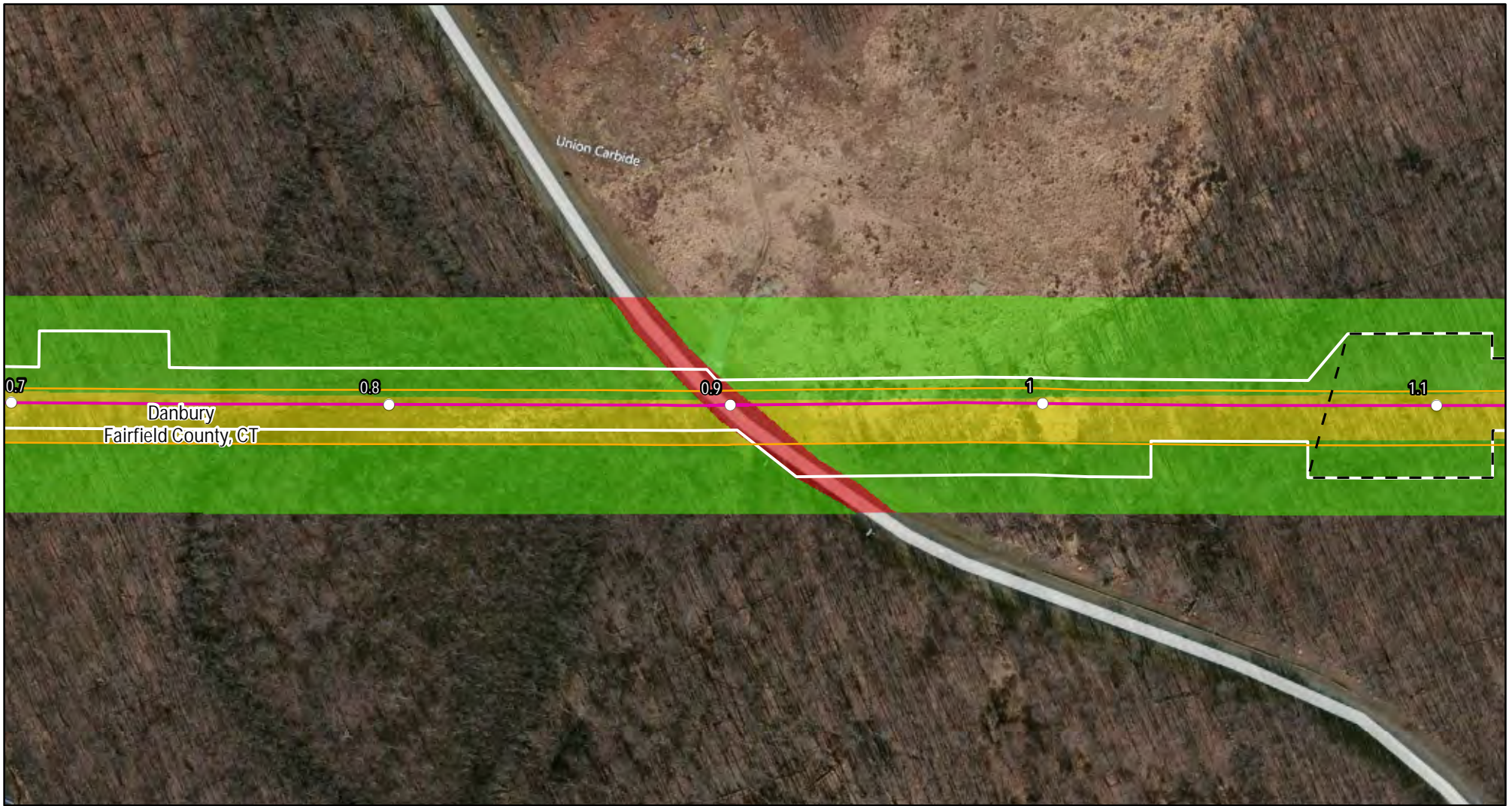
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*Southeast to MLV-19 Take-up and Relay  
Page 37 of 94*

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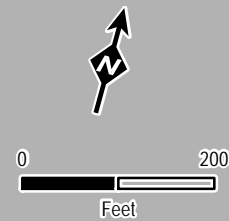
### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
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- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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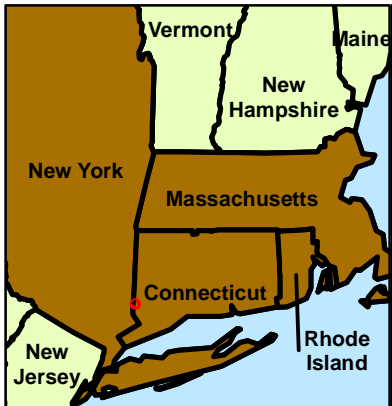
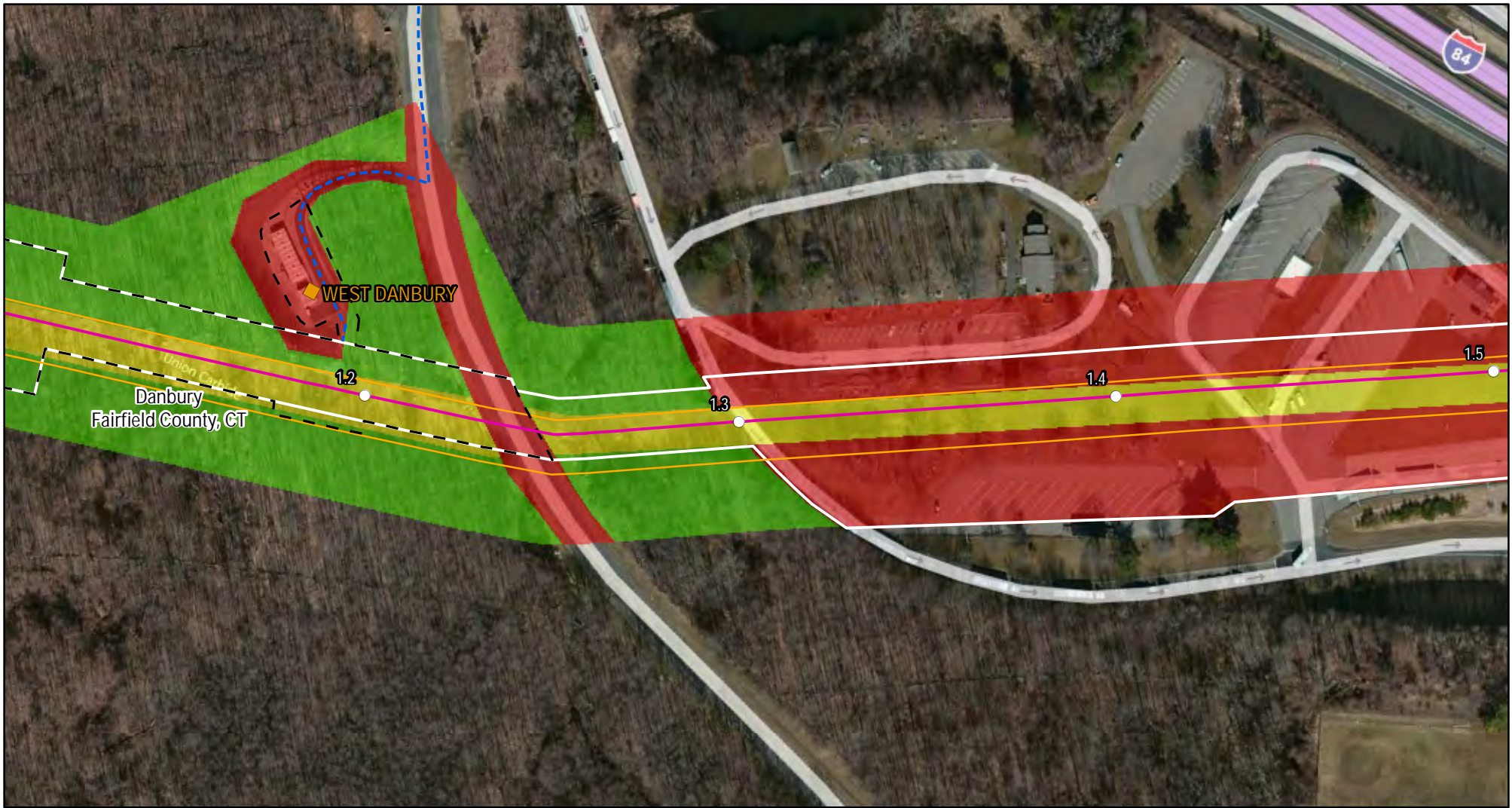
### AIM Project

### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*Southeast to MLV-19 Take-up and Relay*  
*Page 38 of 94*

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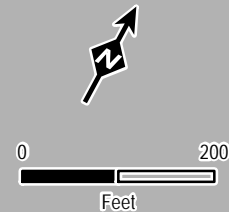
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

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- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

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Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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AIM Project

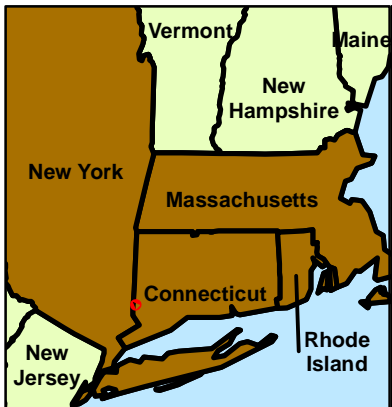
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*Southeast to MLV-19 Take-up and Relay  
Page 39 of 94*

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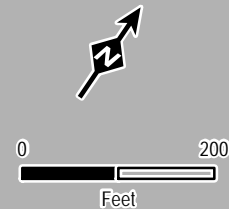
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

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 US Survey Feet, Grid North.



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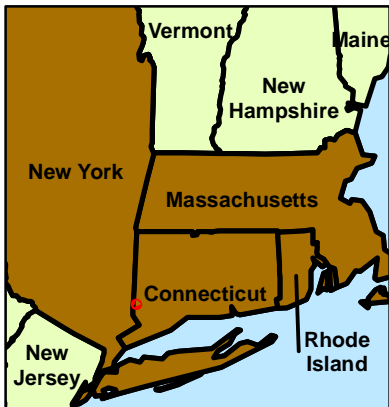
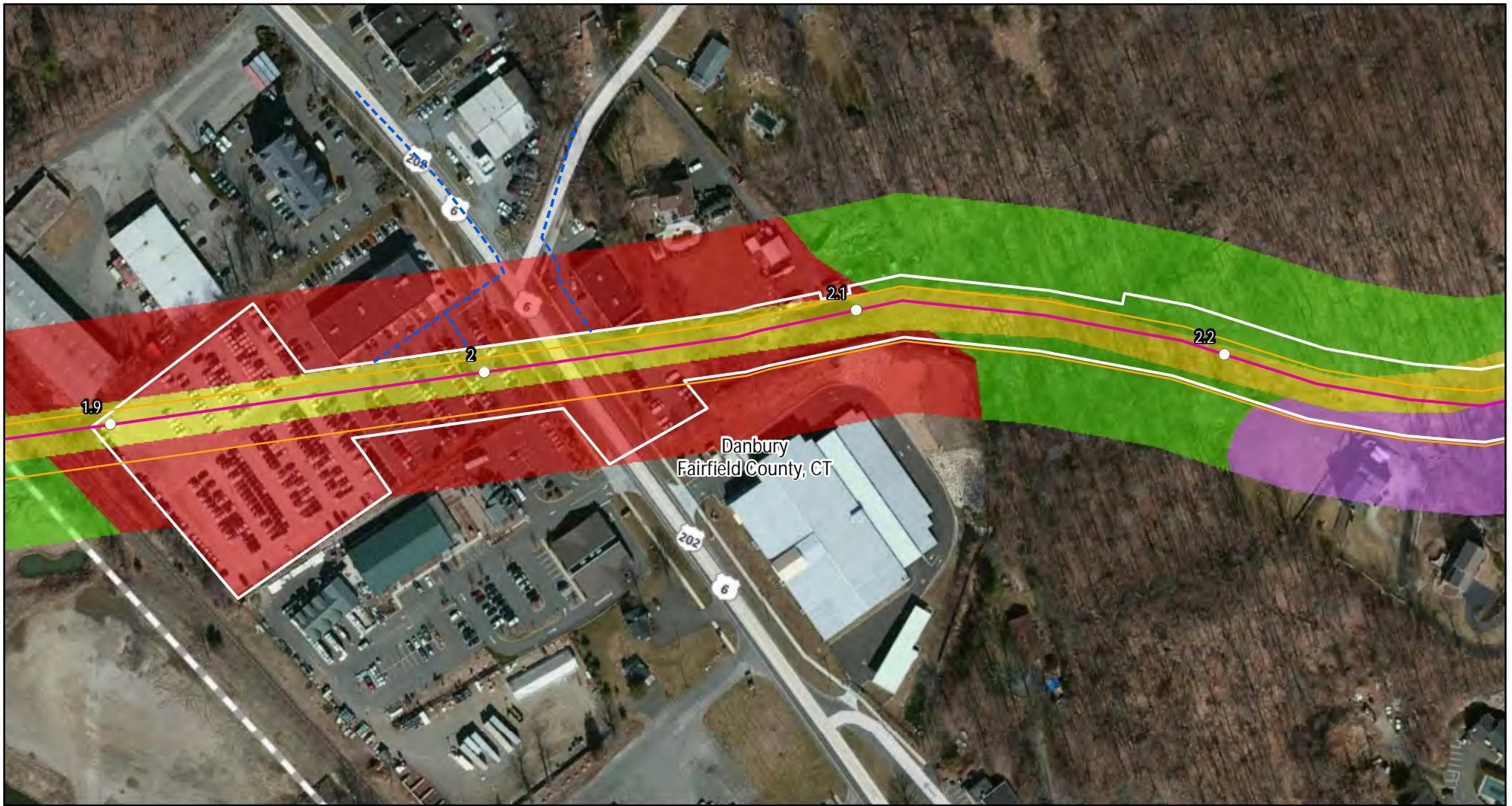
### AIM Project

### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*Southeast to MLV-19 Take-up and Relay*  
*Page 40 of 94*

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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

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Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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AIM Project

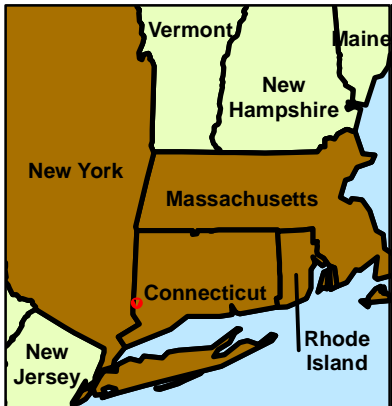
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*Southeast to MLV-19 Take-up and Relay  
Page 41 of 94*

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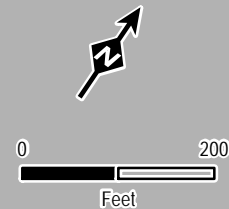
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

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Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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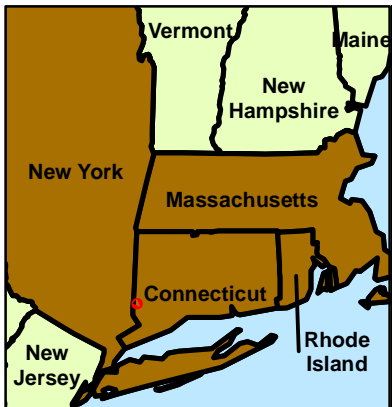
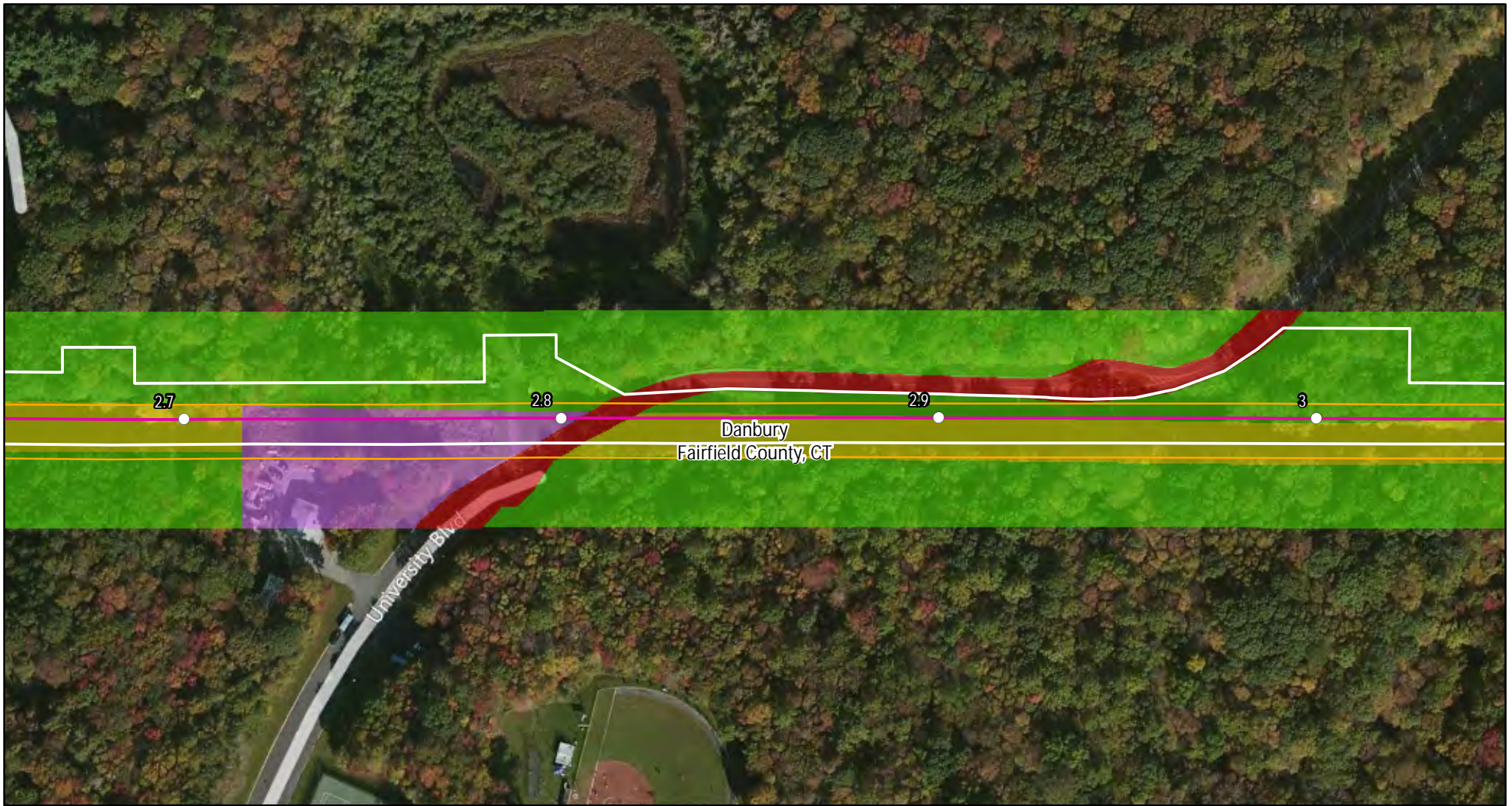
### AIM Project

### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*Southeast to MLV-19 Take-up and Relay*  
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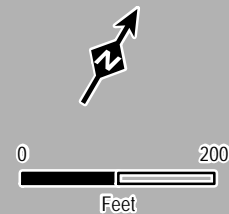
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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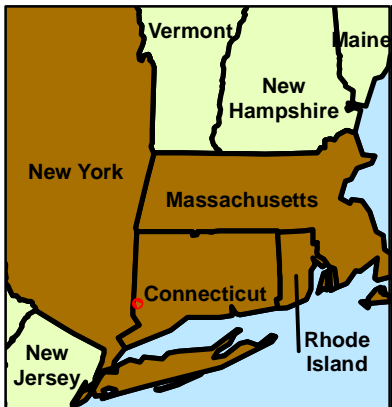
### AIM Project

### Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Southeast to MLV-19 Take-up and Relay*  
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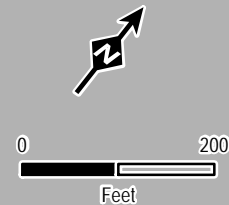
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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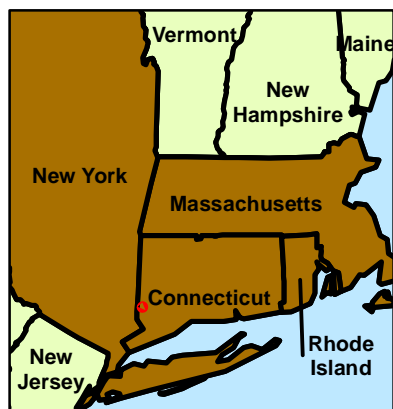
### AIM Project

### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*Southeast to MLV-19 Take-up and Relay*  
*Page 44 of 94*

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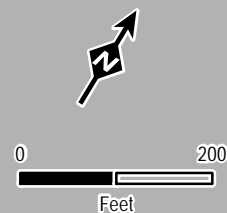
### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
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- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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AIM Project

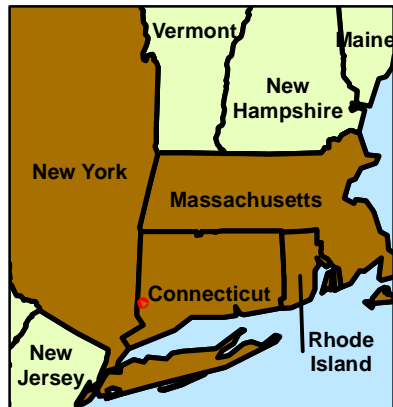
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*Southeast to MLV-19 Take-up and Relay  
Page 45 of 94*

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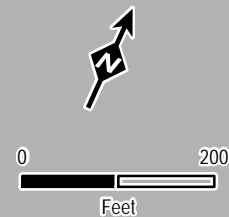
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

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- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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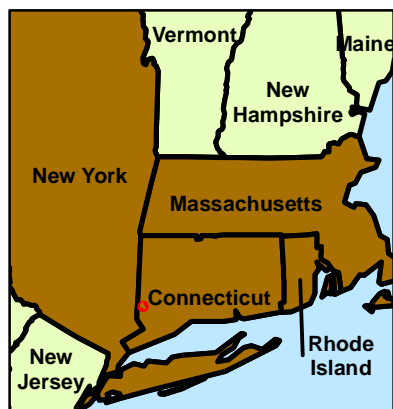
AIM Project

Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Southeast to MLV-19 Take-up and Relay*  
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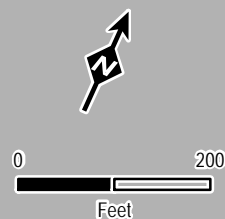
### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
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- Forest/Woodland
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- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



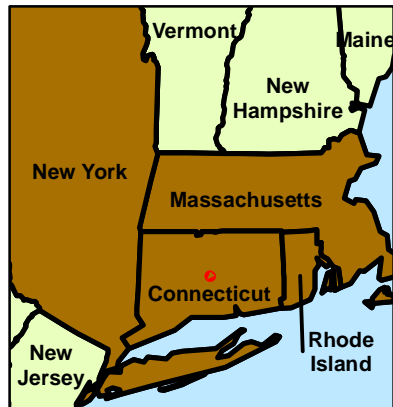
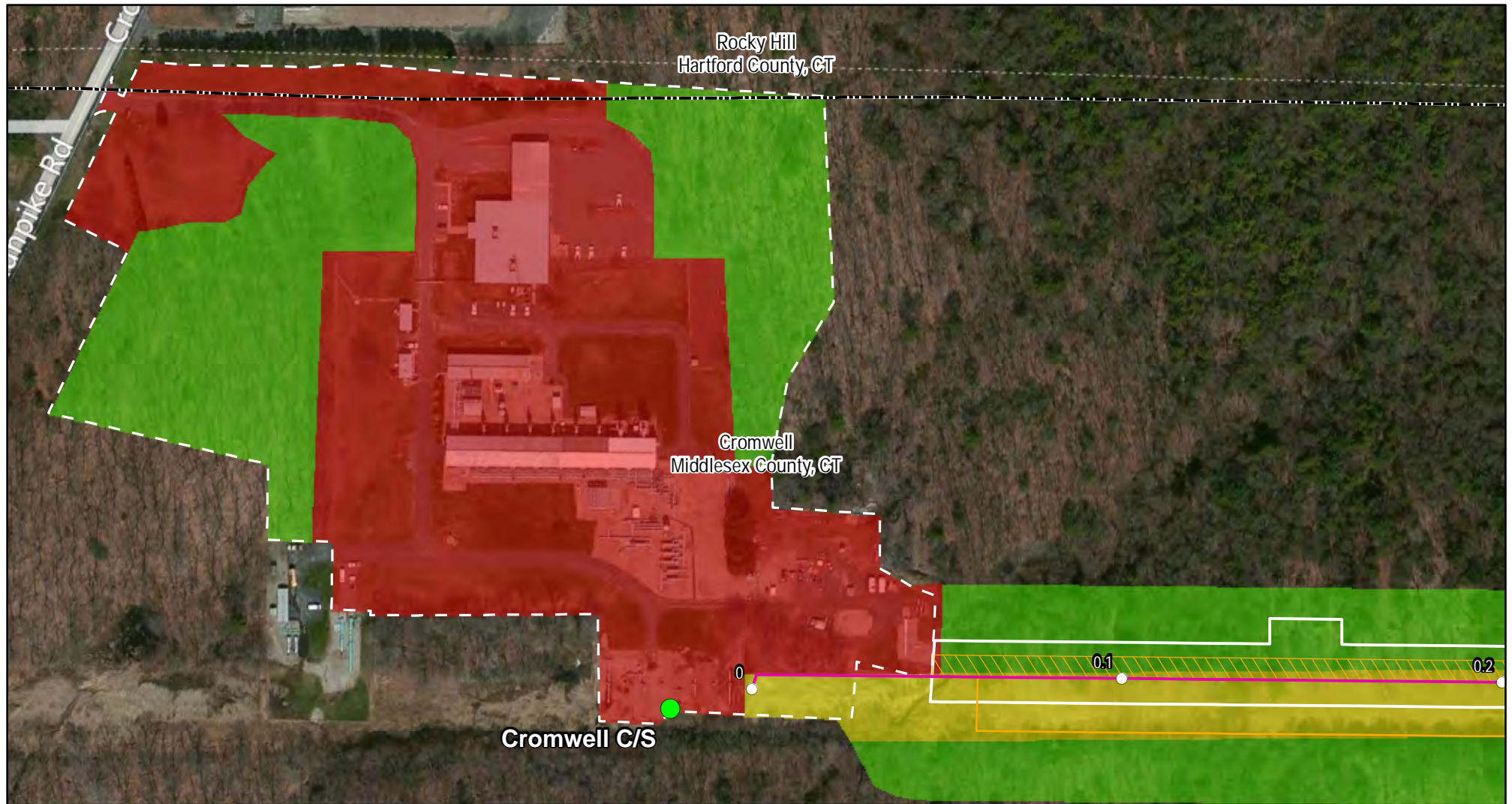
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Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*Southeast to MLV-19 Take-up and Relay*  
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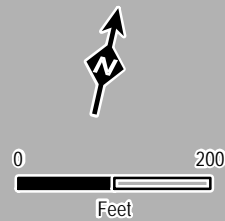
### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
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- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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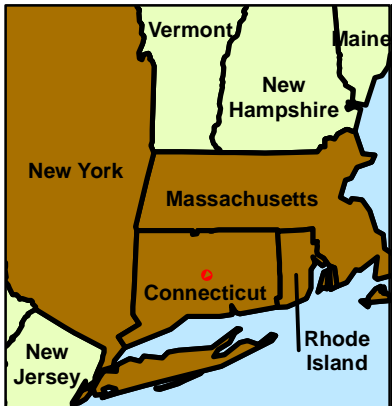
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## Figure 8.2-1 Land Use Crossed by the AIM Project Pipeline

*Line-36A Loop Extension  
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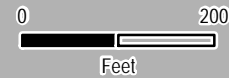
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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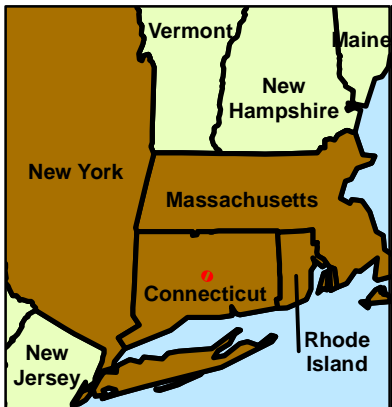
### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline

*Line-36A Loop Extension  
 Page 49 of 94*

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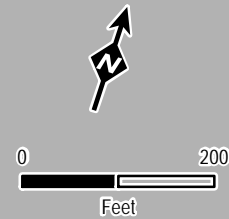
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
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- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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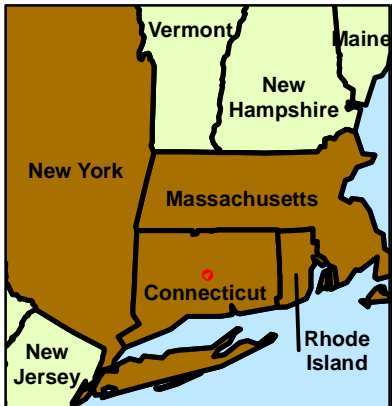
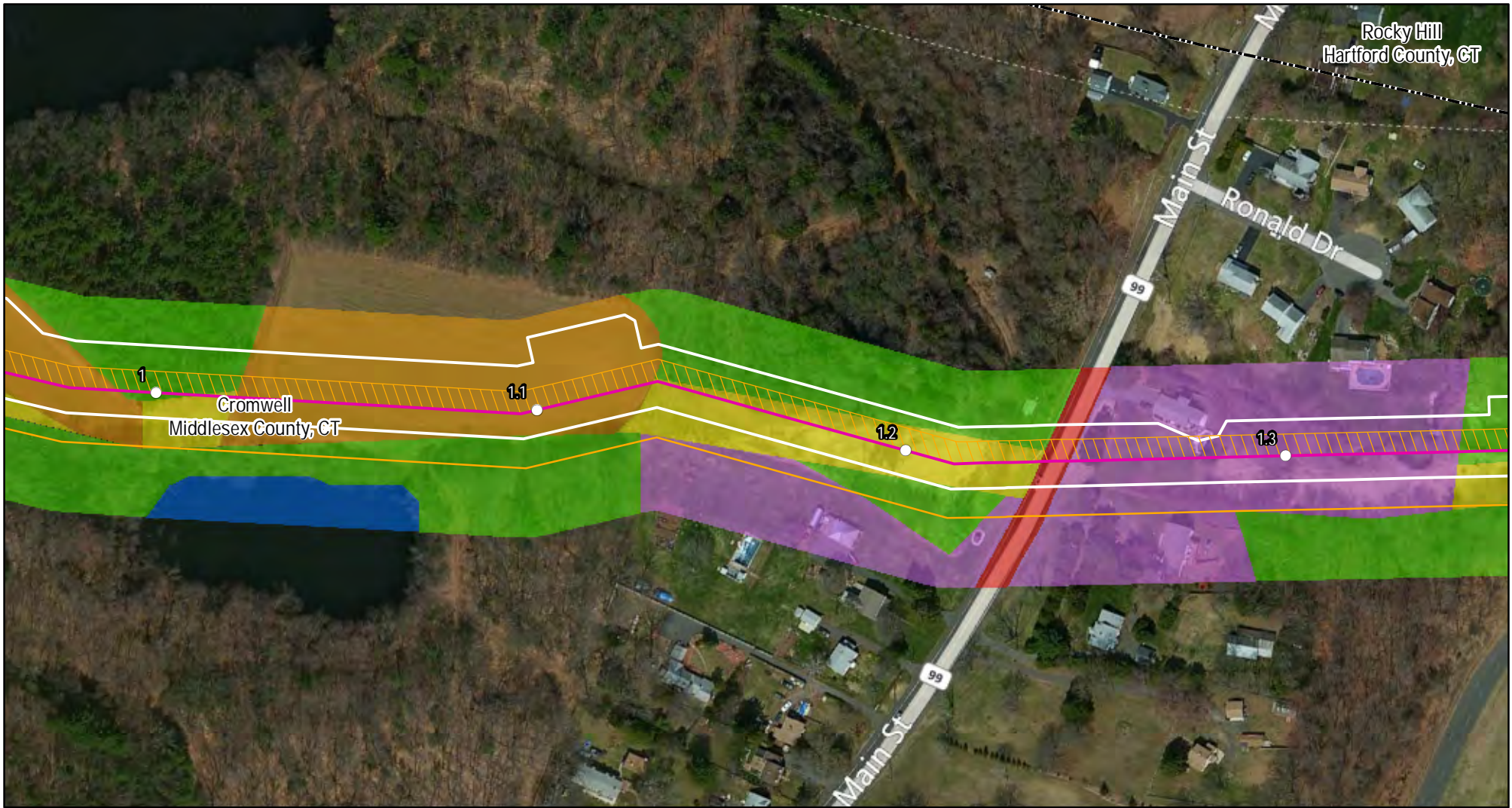
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*Line-36A Loop Extension  
Page 50 of 94*

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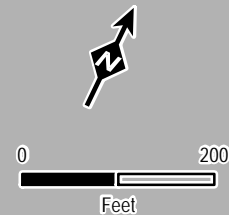
### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
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Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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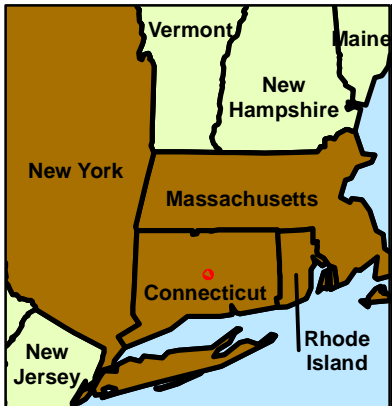
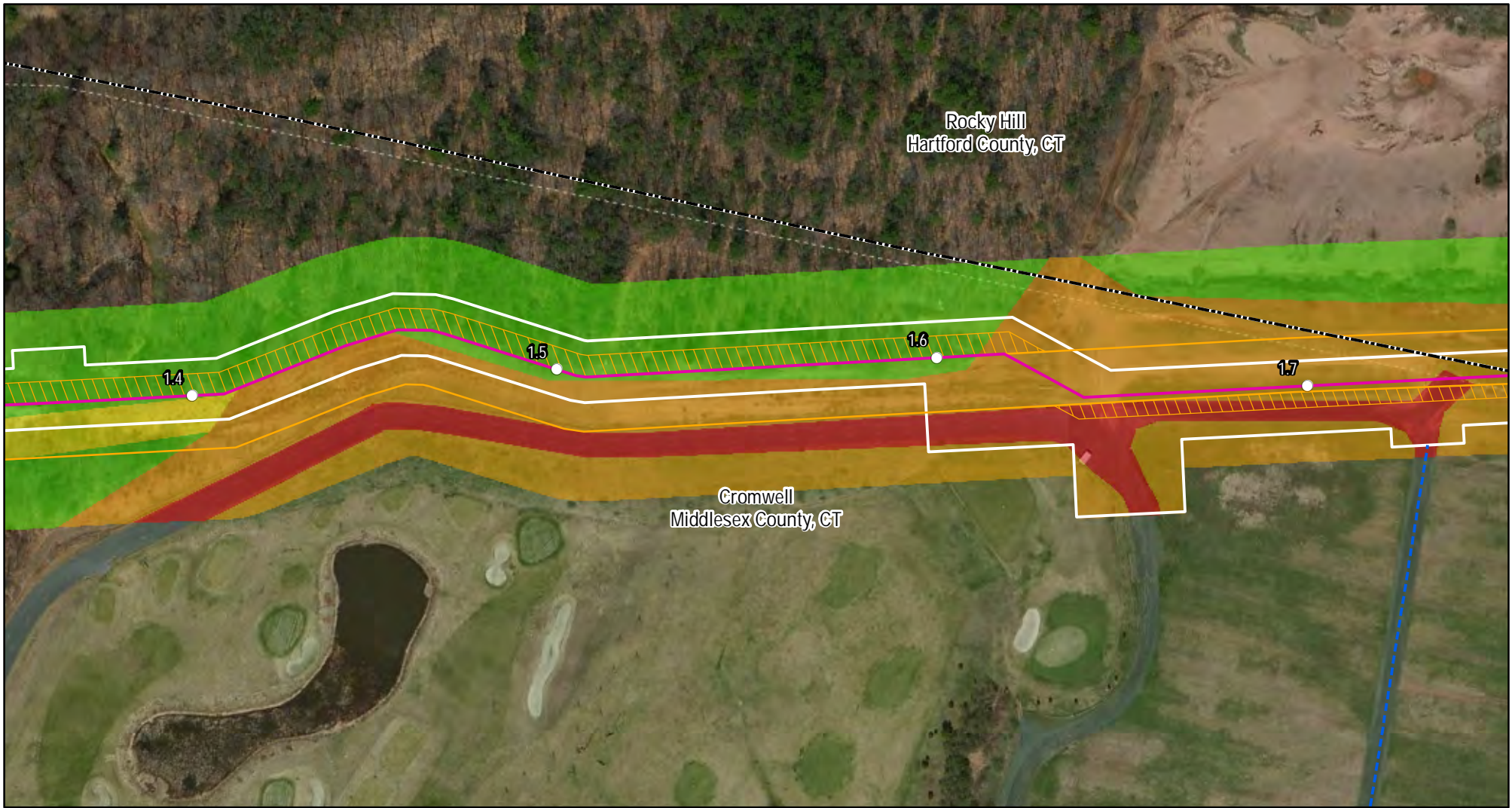
### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline

*Line-36A Loop Extension  
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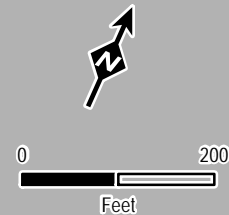
### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
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- Open Water



Sources: BING, ESRI, SPECTRA  
Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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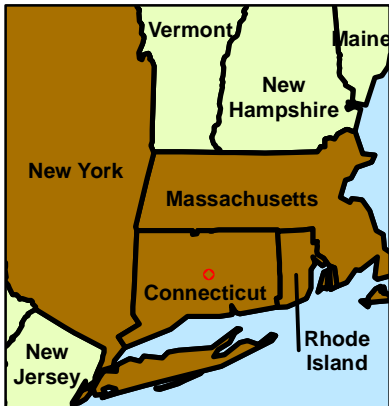
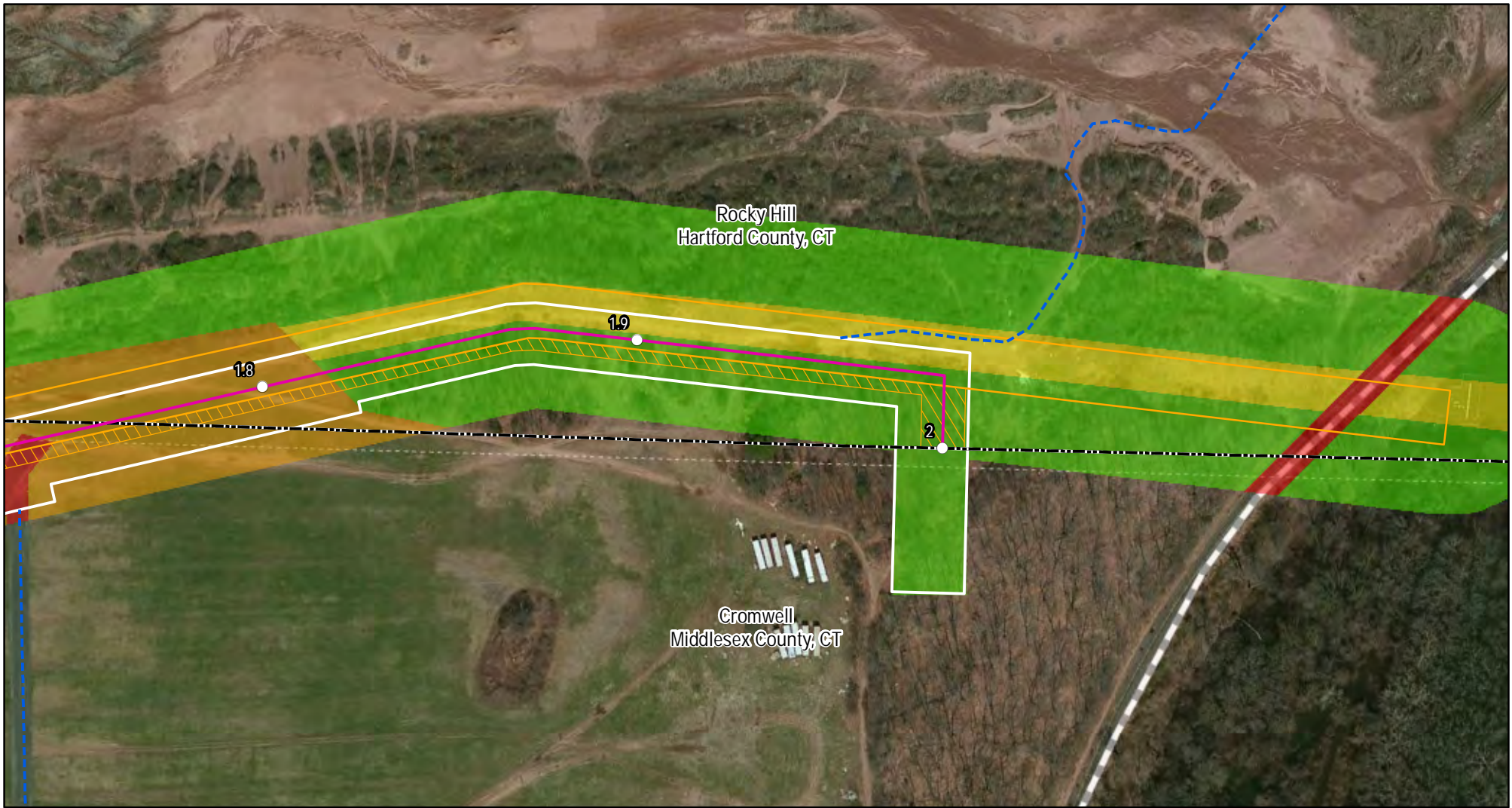
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*Line-36A Loop Extension  
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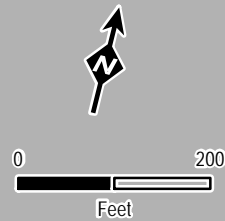
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
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- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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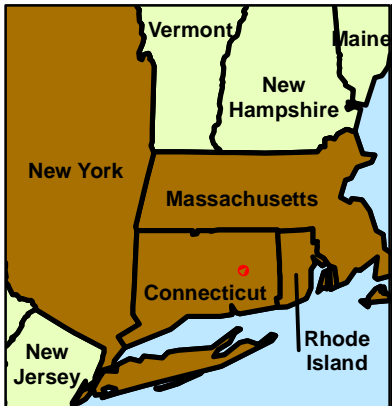
### Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*Line-36A Loop Extension  
Page 53 of 94*

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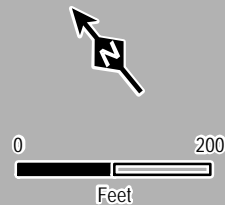
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
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- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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**Figure 8.2-1**  
 Land Use Crossed  
 by the AIM Project Pipeline  
*E-1 System Lateral Take-up and Relay*  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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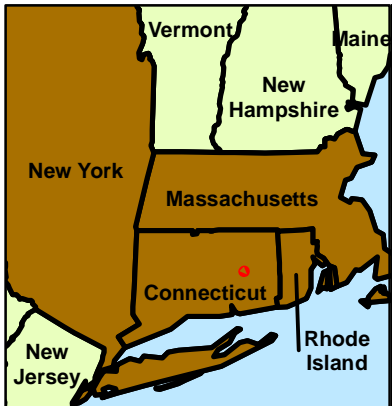
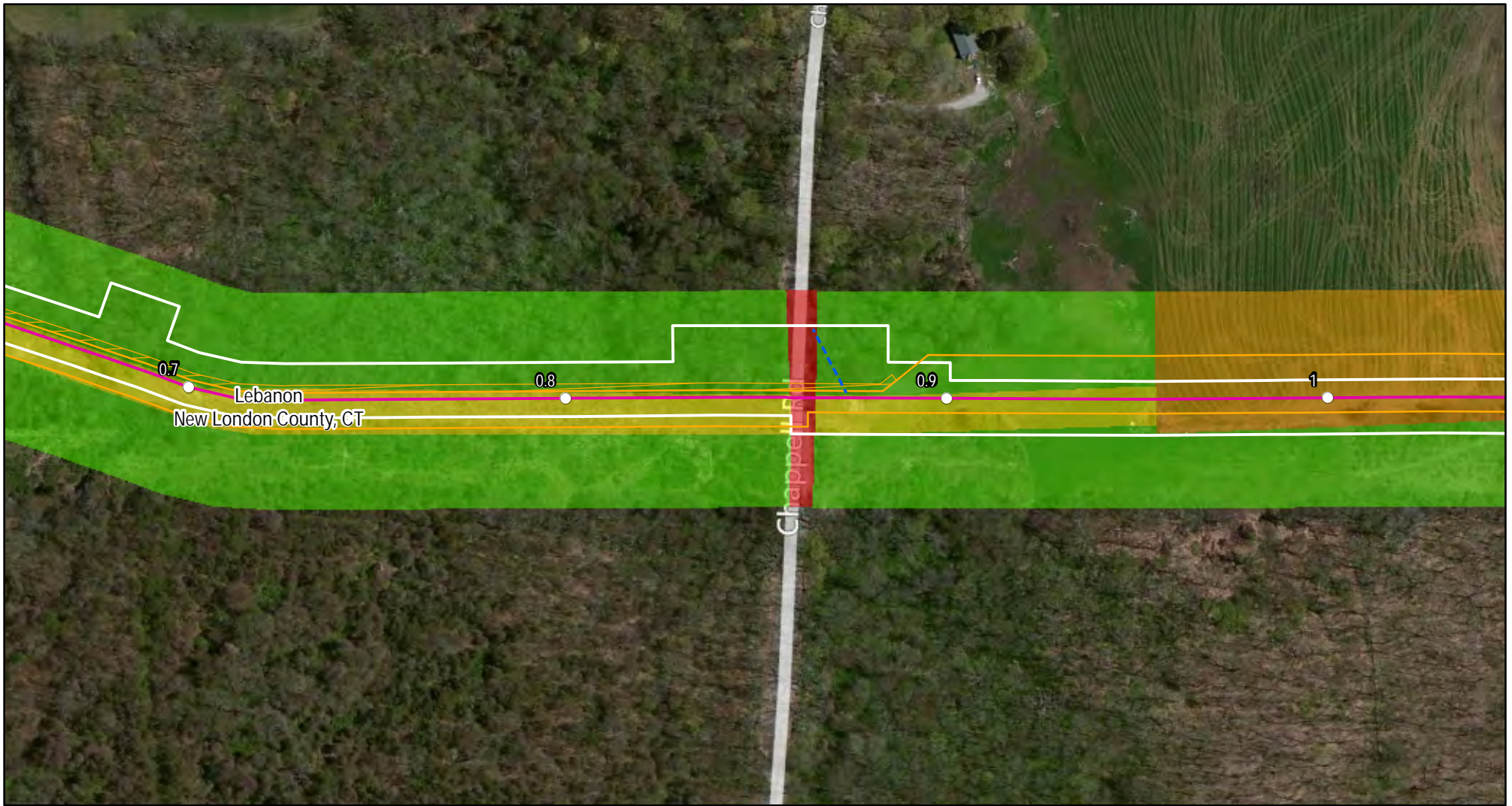
### Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*E-1 System Lateral Take-up and Relay  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
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- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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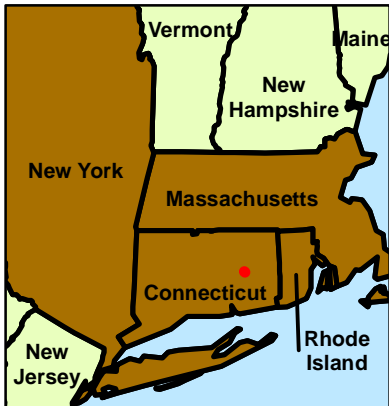
### AIM Project

### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*E-1 System Lateral Take-up and Relay*  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
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- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA  
Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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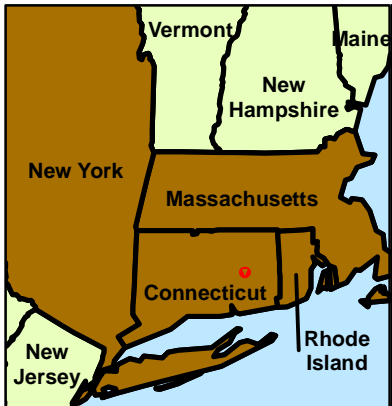
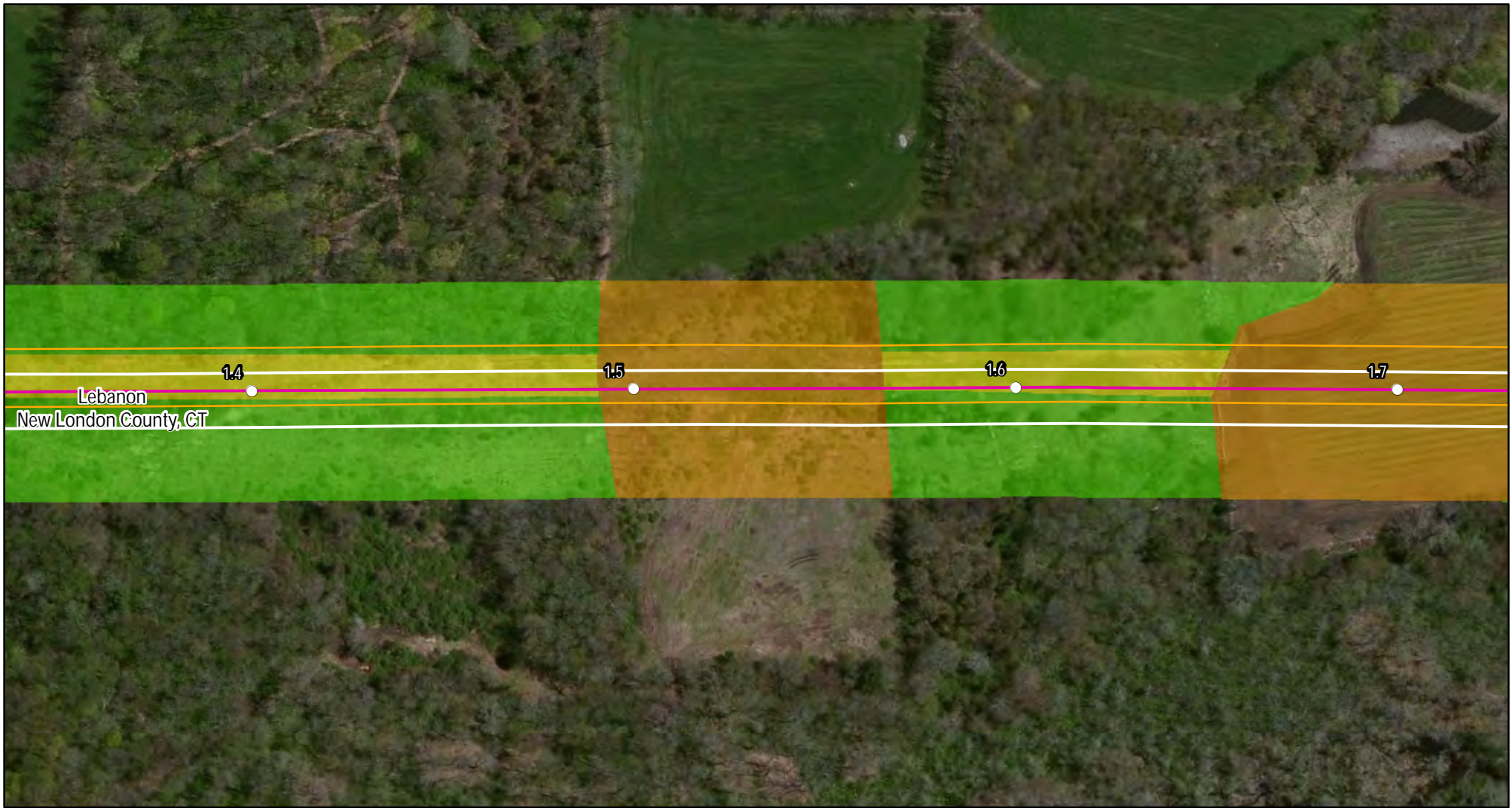
### Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*E-1 System Lateral Take-up and Relay  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
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### Land Use

- Open Space
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0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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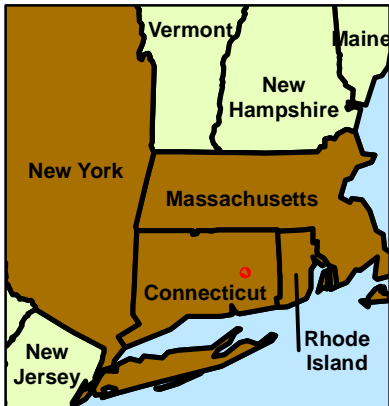
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*E-1 System Lateral Take-up and Relay  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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### AIM Project

### Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*E-1 System Lateral Take-up and Relay*  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
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0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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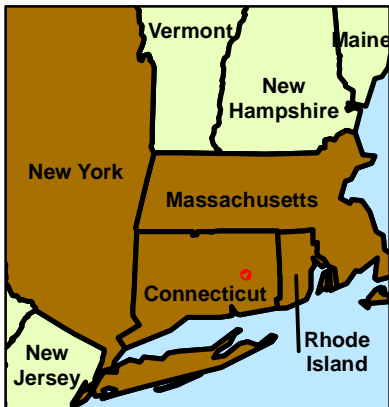
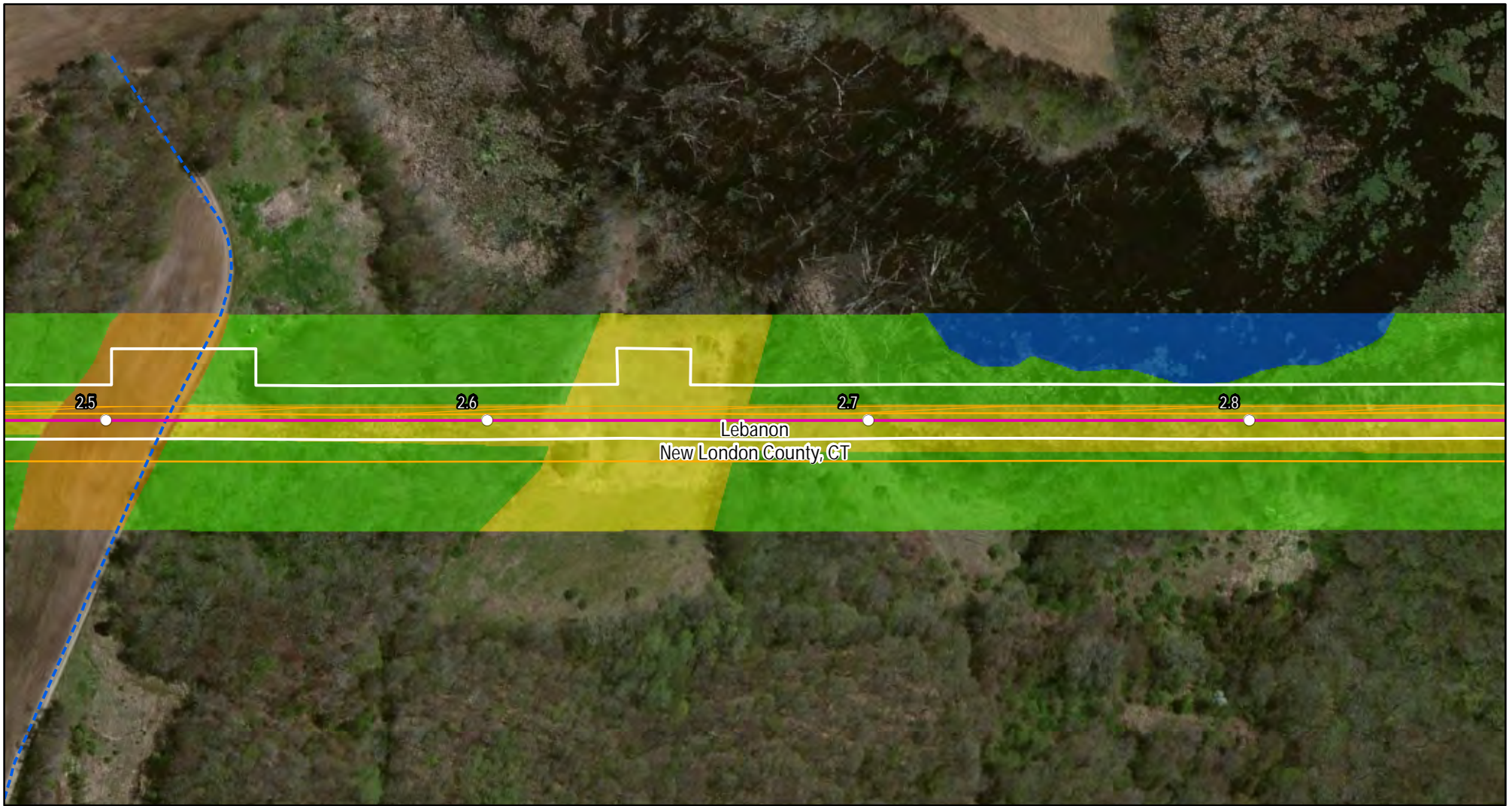
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*E-1 System Lateral Take-up and Relay  
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### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
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0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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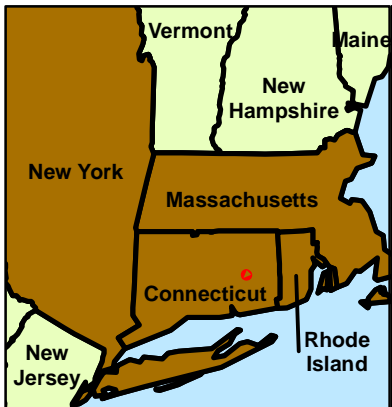
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*E-1 System Lateral Take-up and Relay*  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
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0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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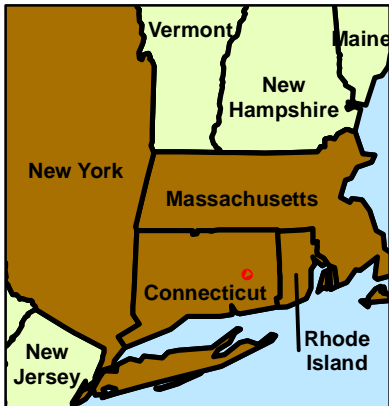
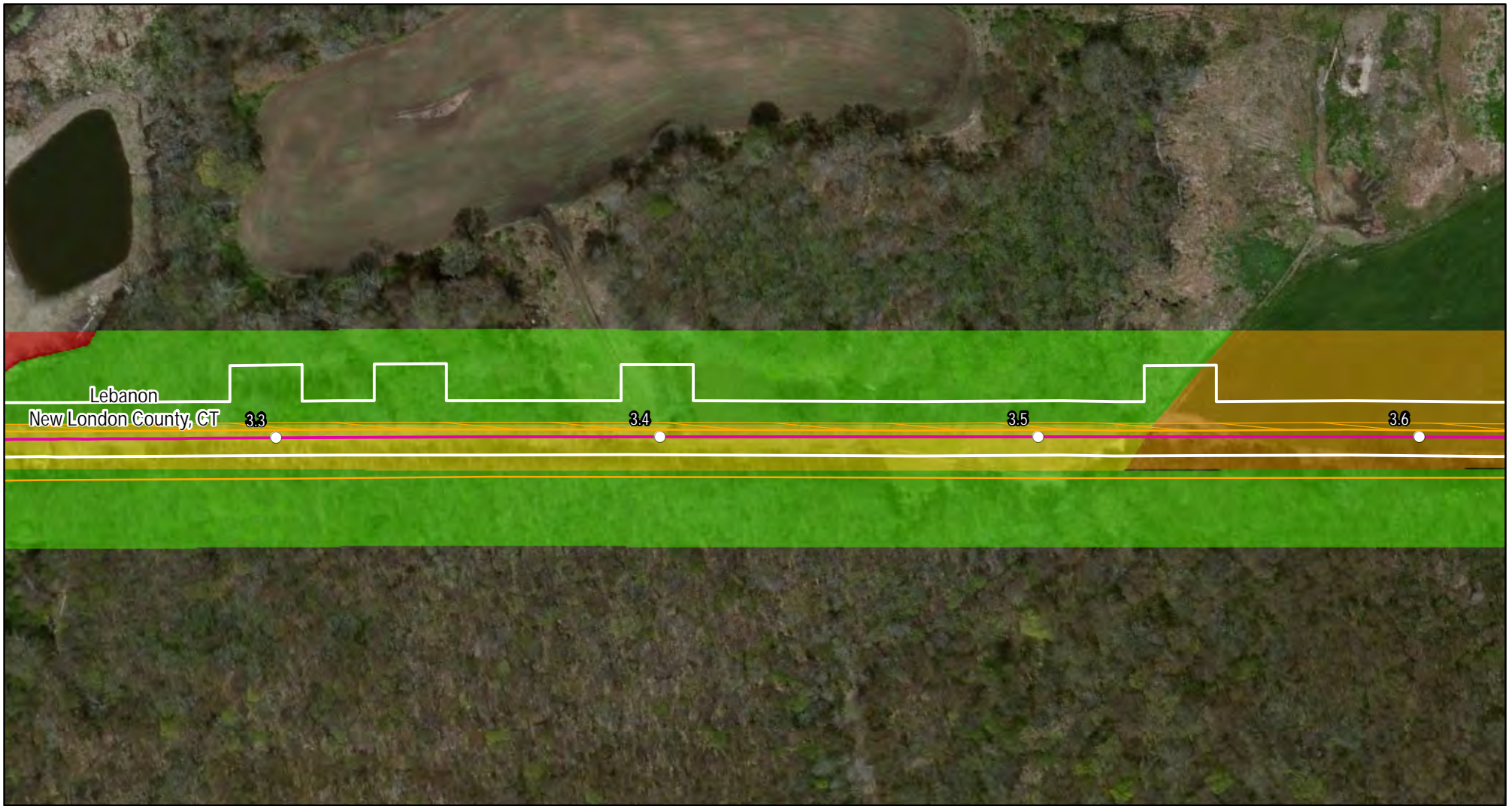
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*E-1 System Lateral Take-up and Relay  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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AIM Project

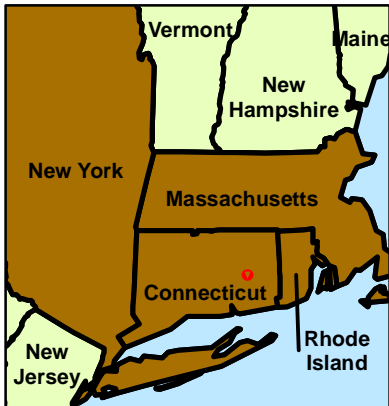
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*E-1 System Lateral Take-up and Relay  
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Created: 10/24/2013





### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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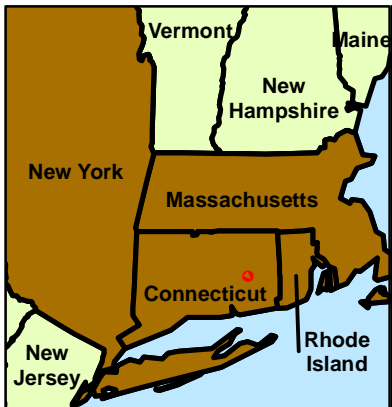
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*E-1 System Lateral Take-up and Relay  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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AIM Project

Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*E-1 System Lateral Take-up and Relay  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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AIM Project

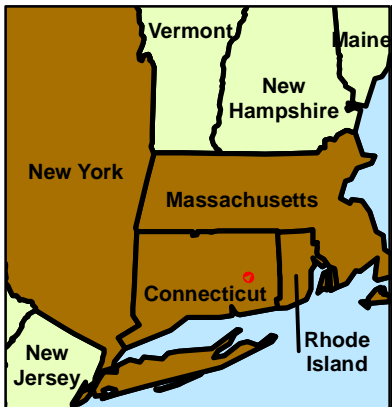
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*E-1 System Lateral Take-up and Relay  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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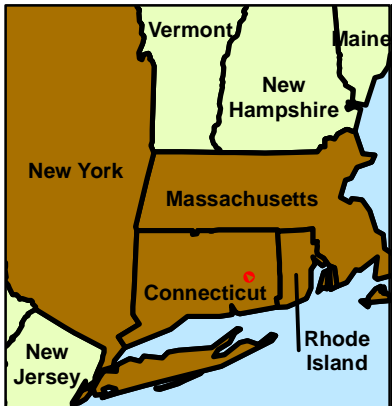
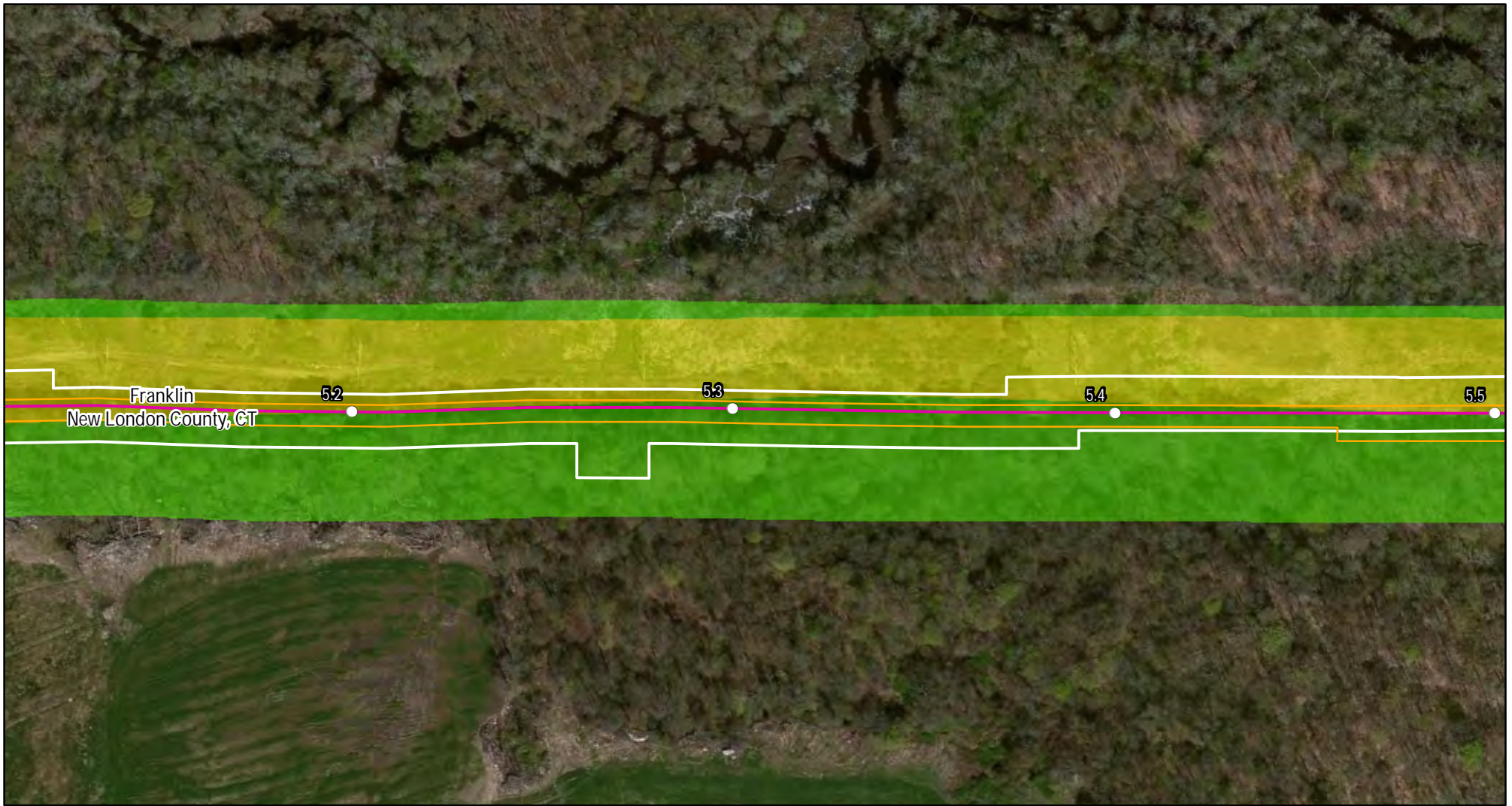
### AIM Project

### Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*E-1 System Lateral Take-up and Relay*  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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### AIM Project

### Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*E-1 System Lateral Take-up and Relay  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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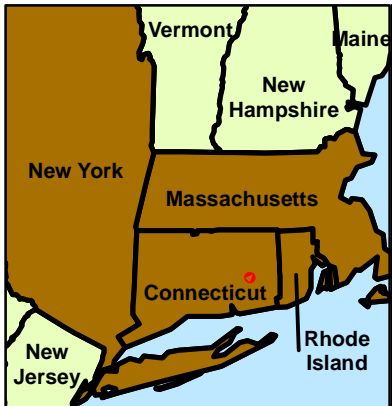
### AIM Project

### Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*E-1 System Lateral Take-up and Relay*  
Page 69 of 94

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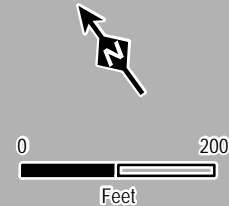
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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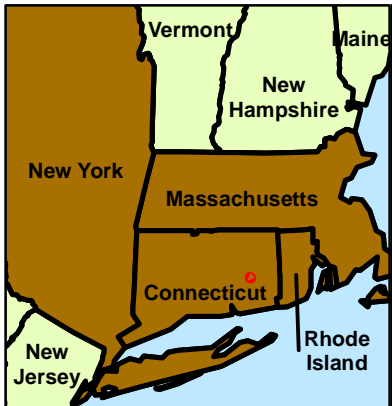
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*E-1 System Lateral Take-up and Relay  
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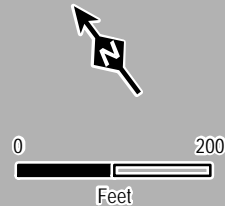
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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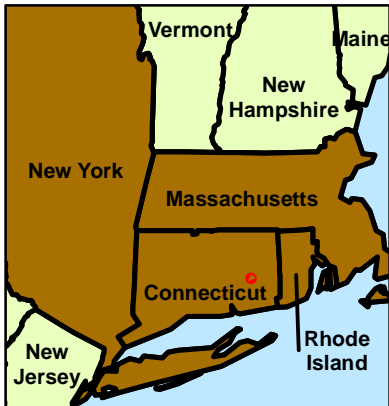
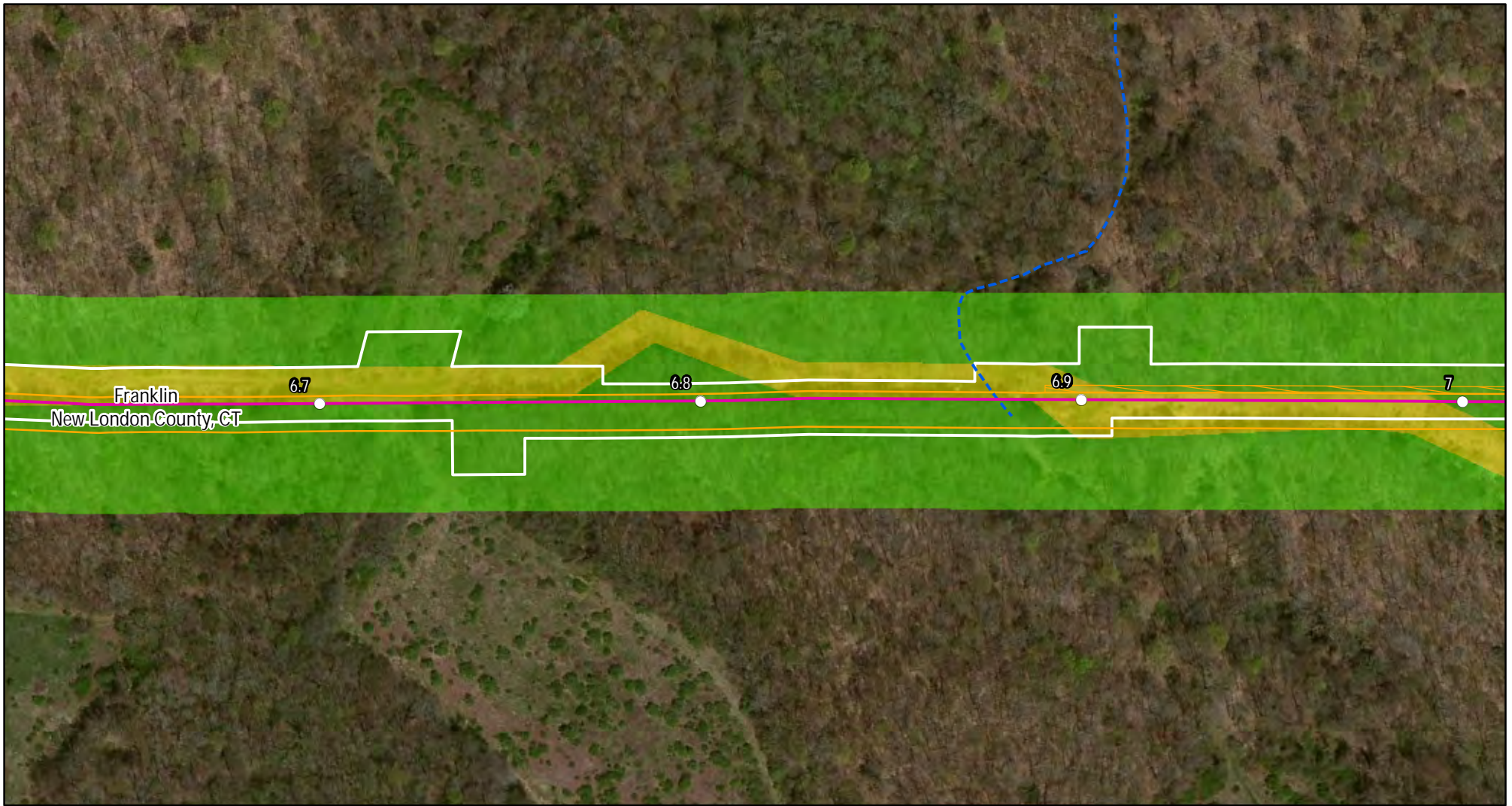
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*E-1 System Lateral Take-up and Relay  
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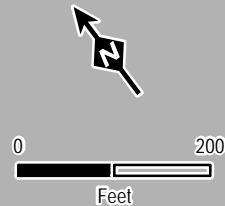
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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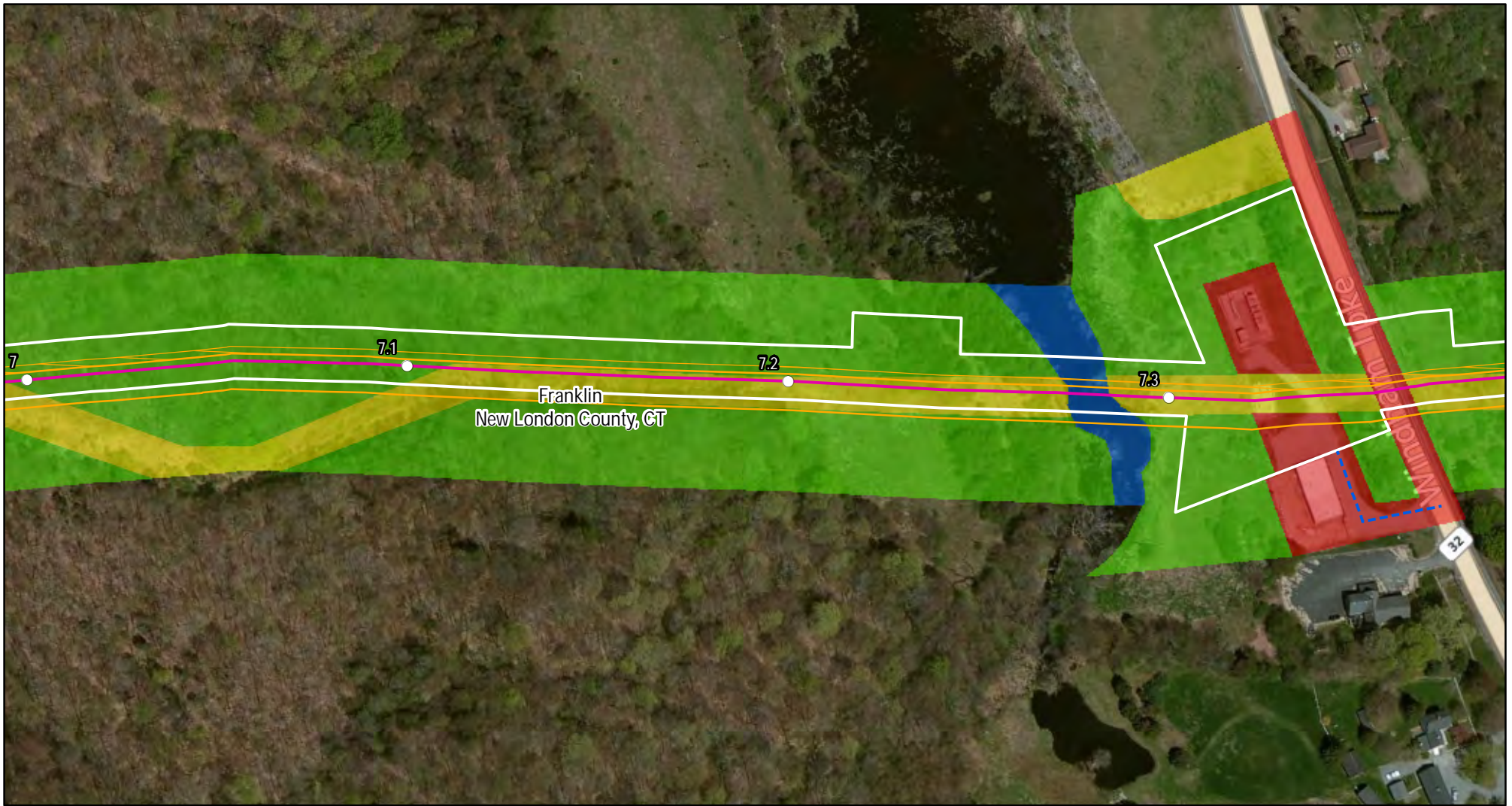
### AIM Project

### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*E-1 System Lateral Take-up and Relay*  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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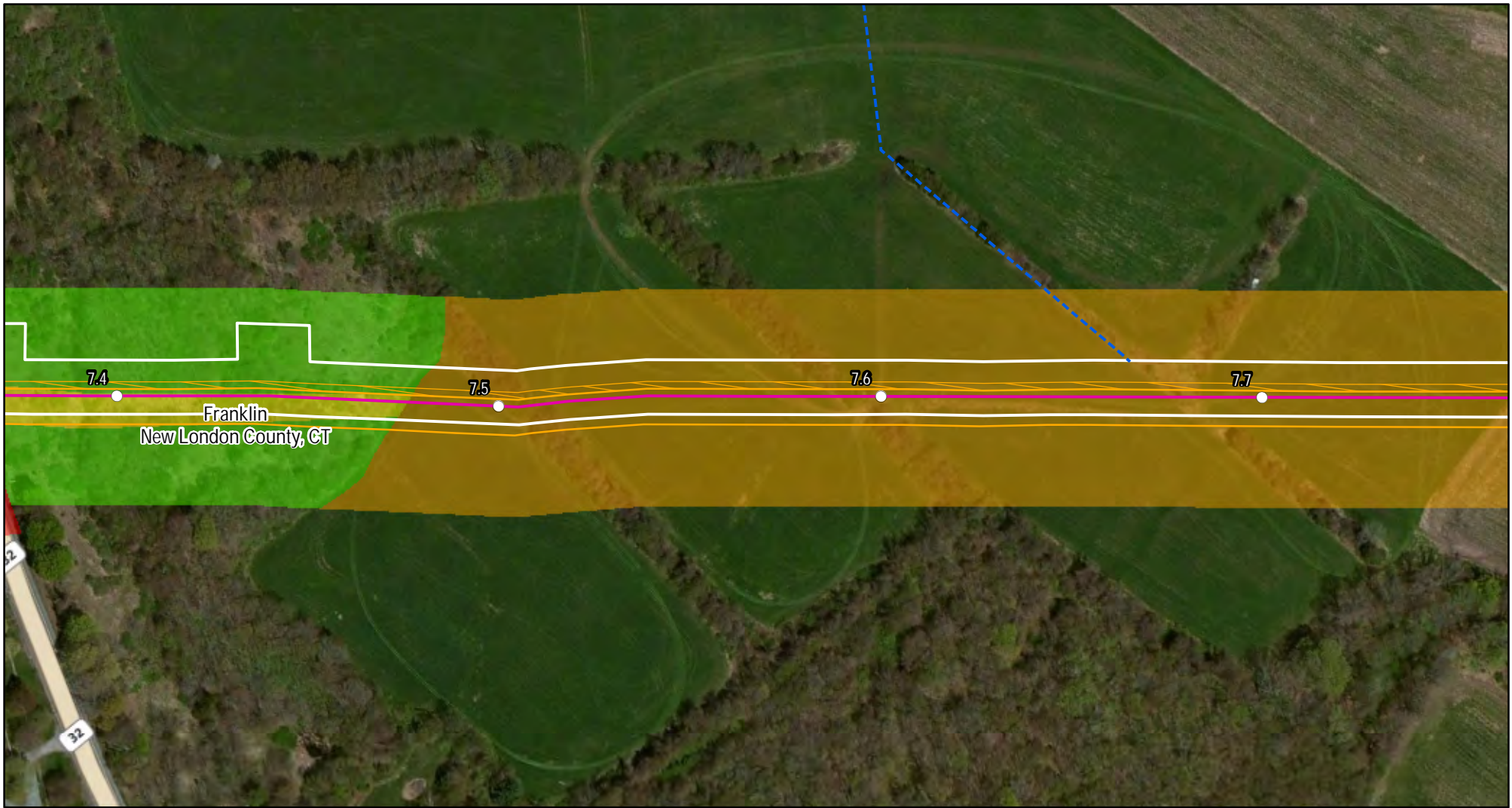
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*E-1 System Lateral Take-up and Relay  
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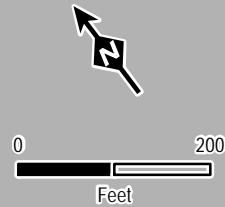
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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### AIM Project

### Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*E-1 System Lateral Take-up and Relay  
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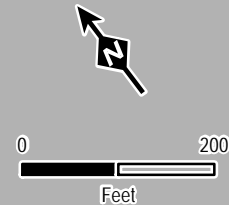
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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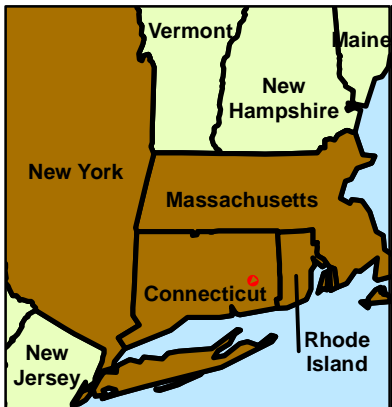
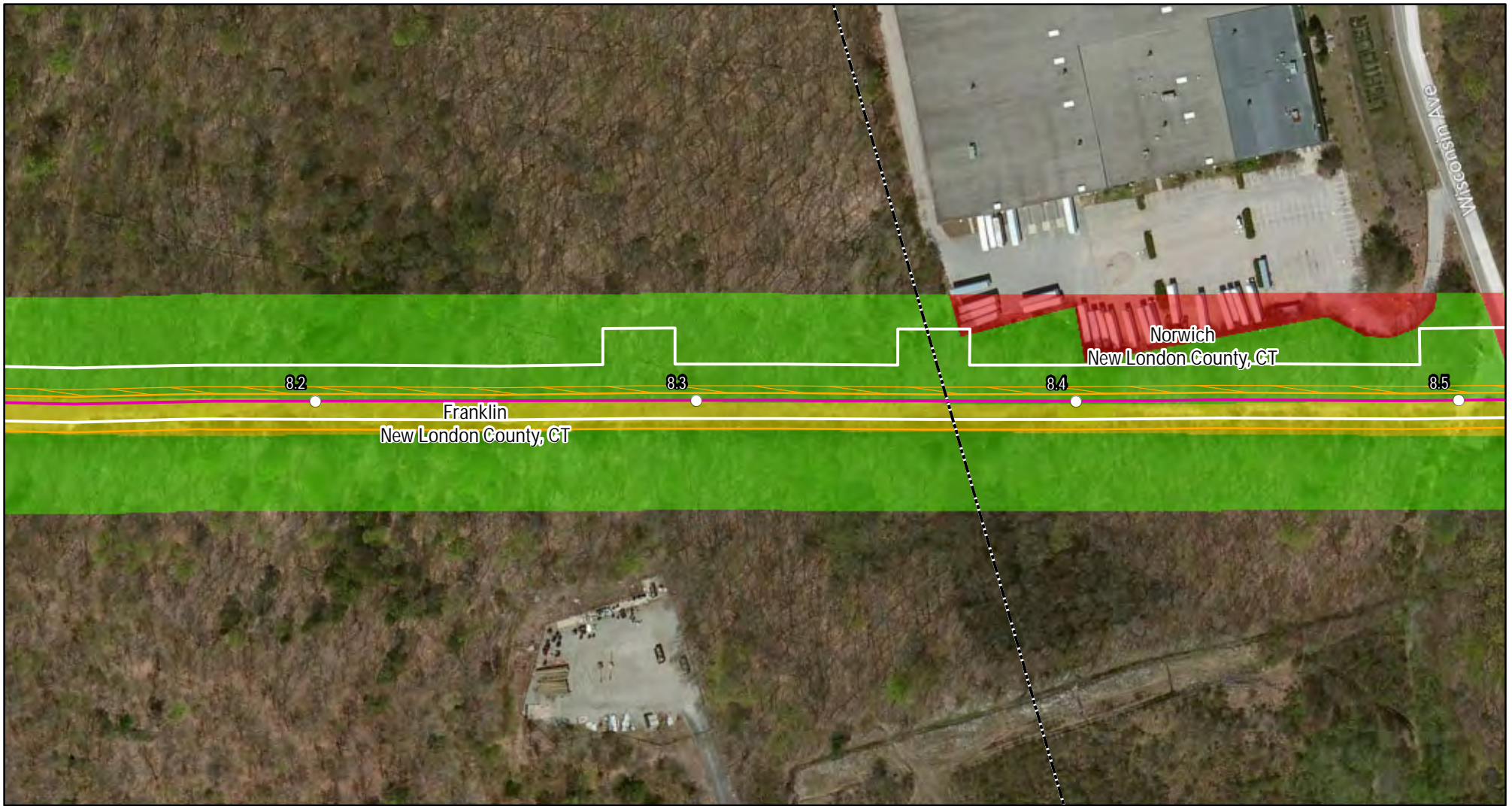
### AIM Project

### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*E-1 System Lateral Take-up and Relay*  
 Page 75 of 94

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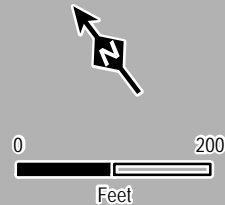
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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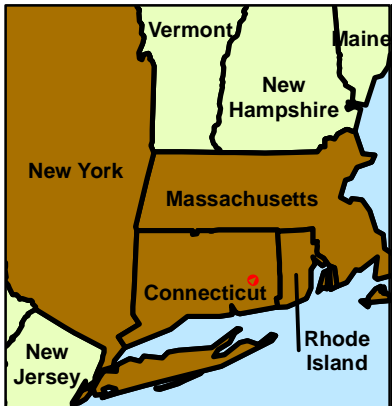
### AIM Project

### Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*E-1 System Lateral Take-up and Relay*  
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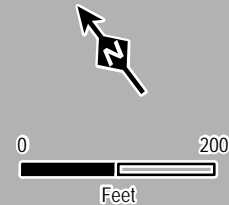
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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### AIM Project

### Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline  
*E-1 System Lateral Take-up and Relay*  
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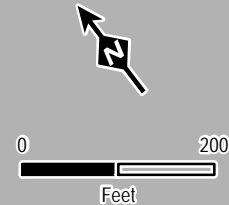
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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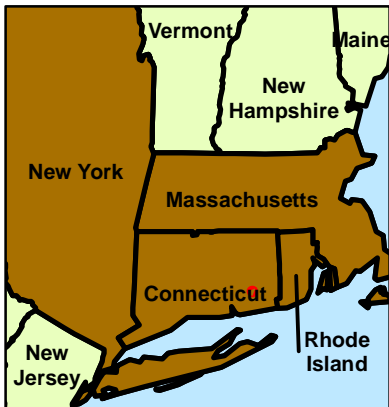
### AIM Project

### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline  
*E-1 System Lateral Take-up and Relay*  
 Page 78 of 94

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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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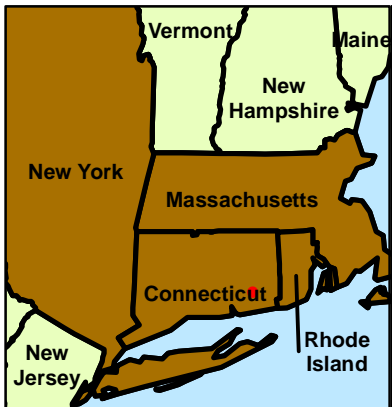
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*E-1 System Lateral Loop  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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### AIM Project

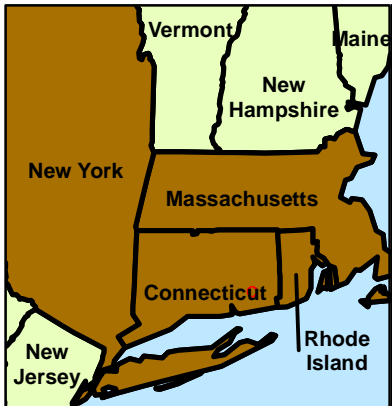
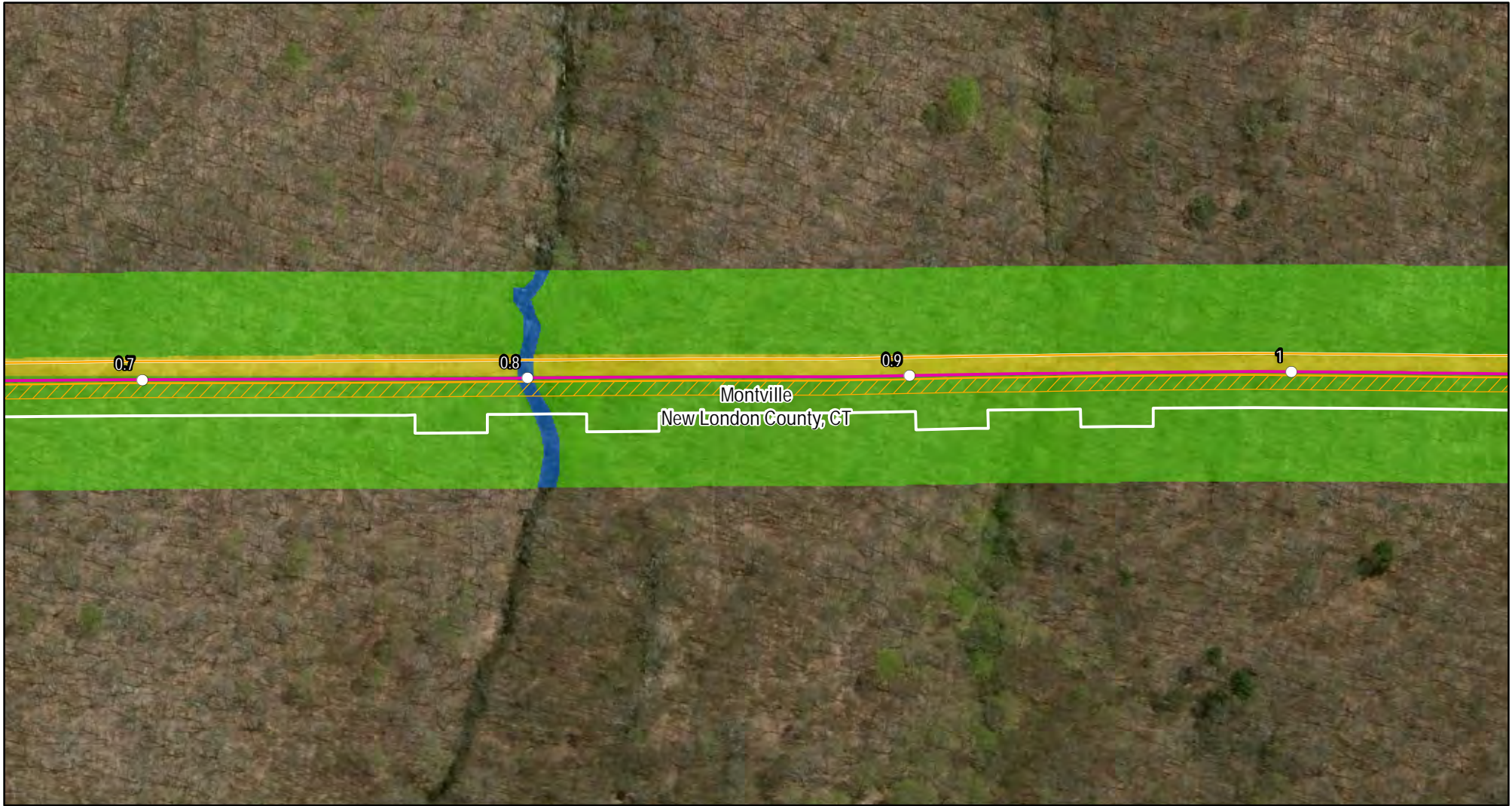
### Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*E-1 System Lateral Loop  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



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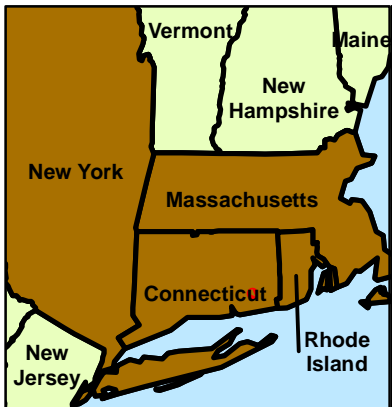
### Figure 8.2-1

Land Use Crossed  
 by the AIM Project Pipeline

*E-1 System Lateral Loop  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
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- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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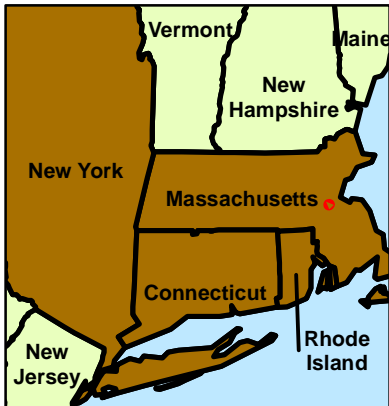
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*E-1 System Lateral Loop  
Page 82 of 94*

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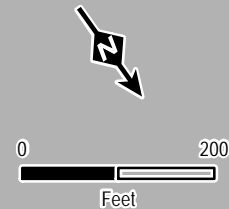
### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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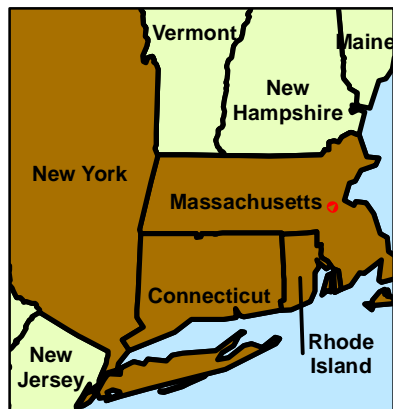
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline










*West Roxbury Lateral  
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### Legend

-  AIM Pipeline Facility
-  Access Roads
-  Temporary Workspace
-  Compressor Station
-  Temporary Workspace
-  Meter Station
-  Construction Area
-  Existing ROW
-  New Permanent ROW

-  Approximate Milepost
-  Existing Compressor Station
-  Existing Meter Station
-  Proposed Meter Station

## Land Use

- Open Space  
 Agricultural  
 Forest/Woodland  
 Industrial  
 Residential  
 Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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3409 Westheimer Ct. Houston, TX 77066-5310 713 / 627-5400

AIM Project

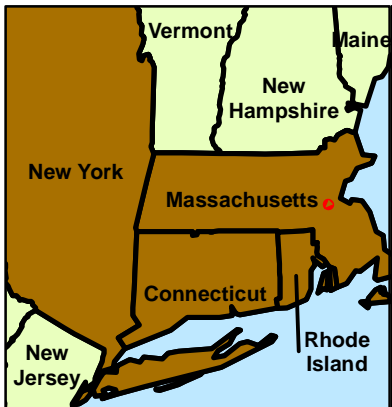
Figure 8.2-1

### Land Use Crossed by the AIM Project Pipeline

West Roxbury Lateral  
Page 84 of 94

Created: 10/24/2013





### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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AIM Project

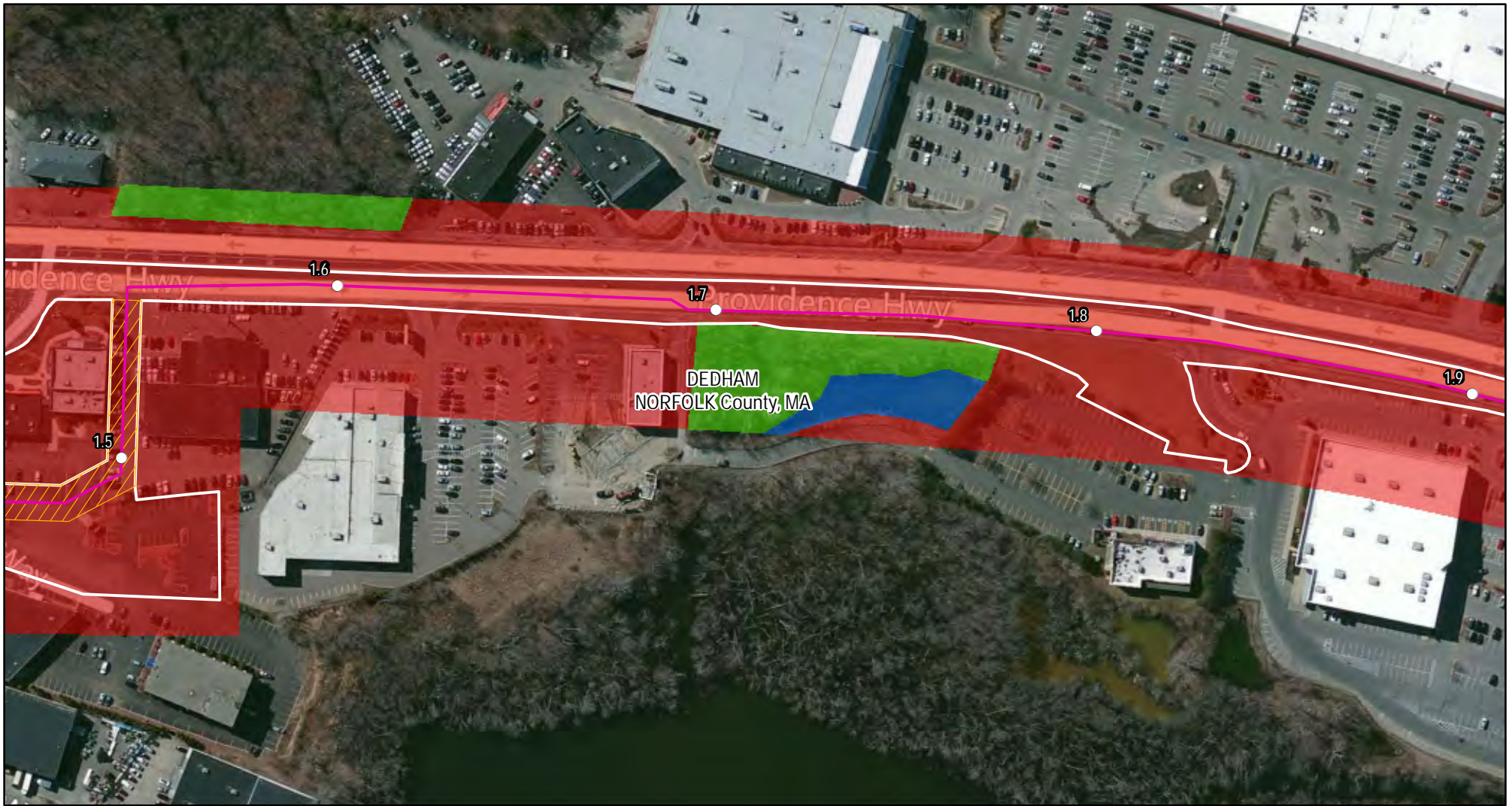
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*West Roxbury Lateral  
Page 85 of 94*

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### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



Algonquin Gas Transmission, LLC  
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AIM Project

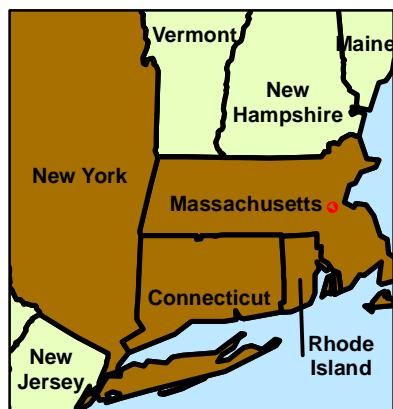
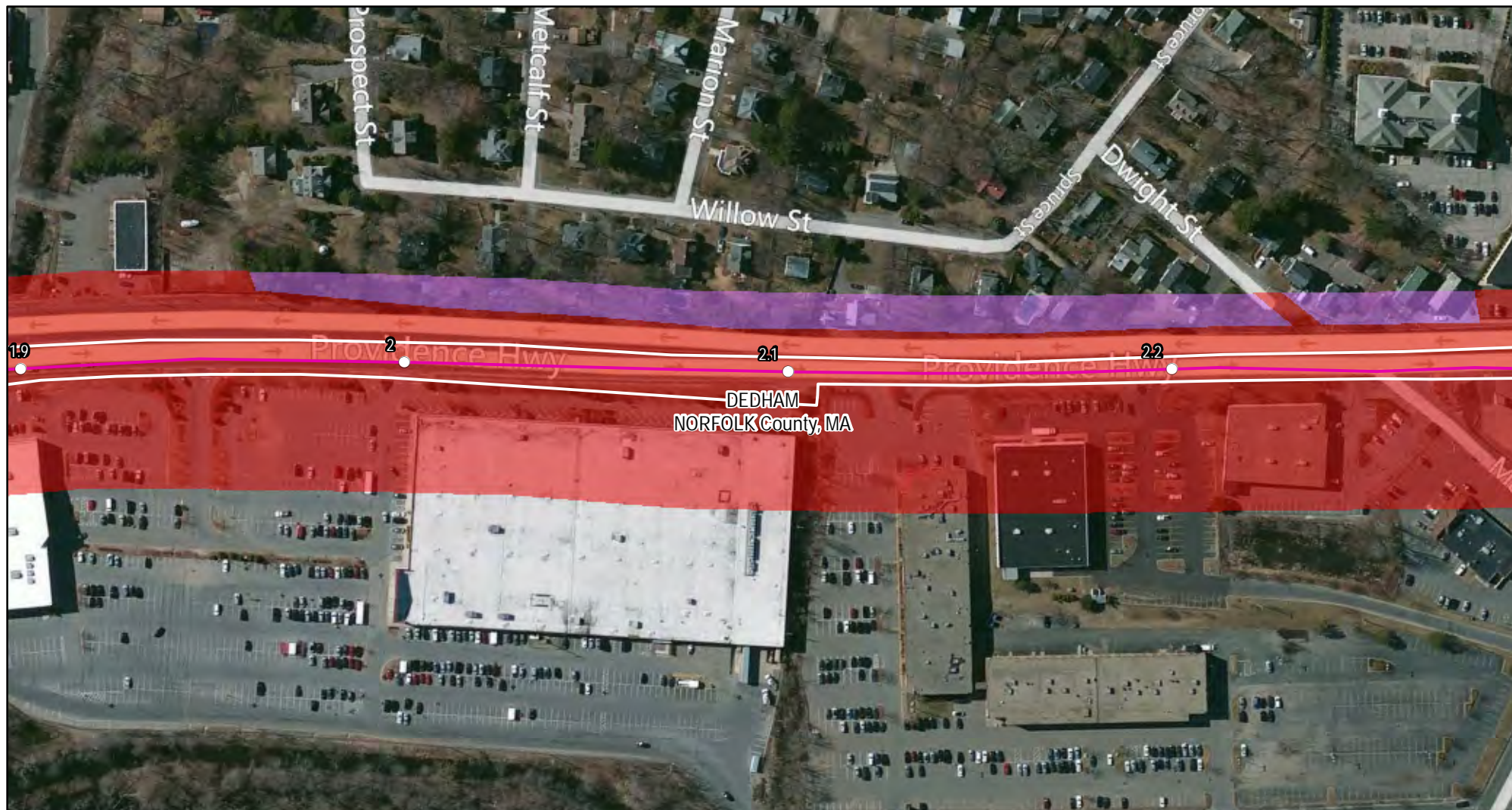
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*West Roxbury Lateral  
Page 86 of 94*

Created: 10/24/2013





### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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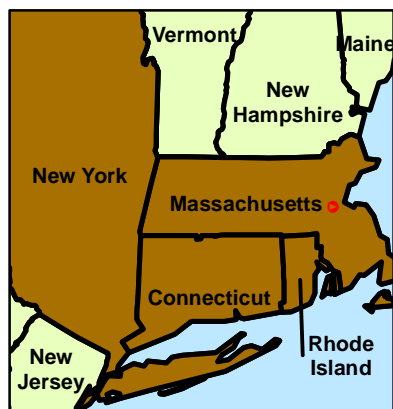
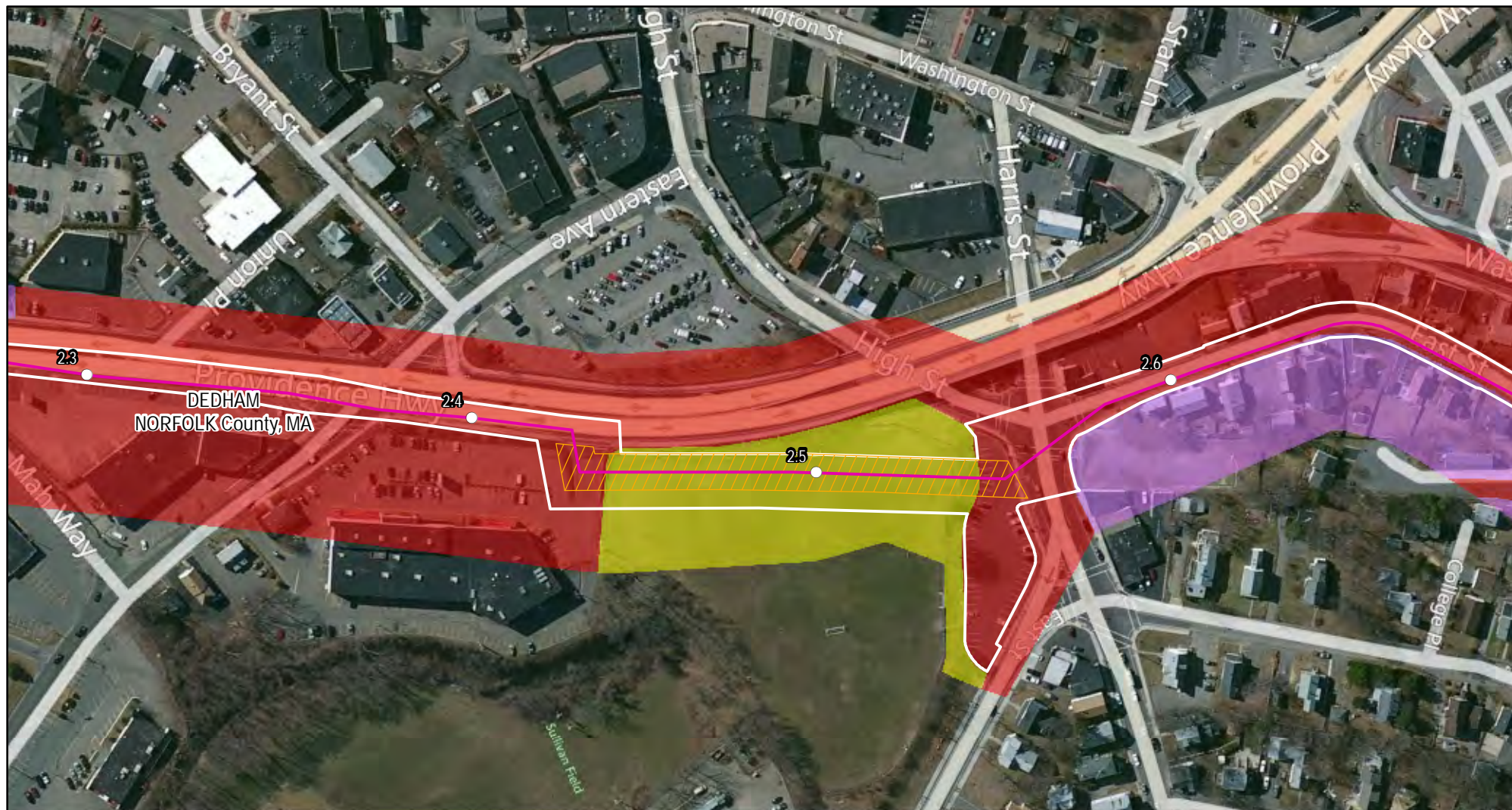
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*West Roxbury Lateral  
Page 87 of 94*

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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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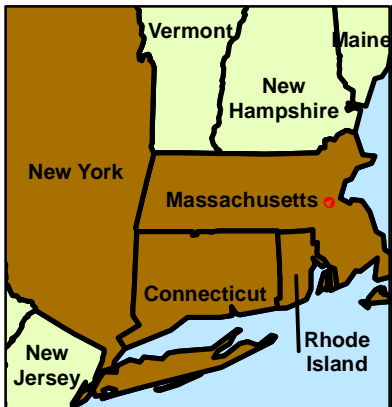
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*West Roxbury Lateral  
Page 88 of 94*

Created: 10/24/2013





### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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AIM Project

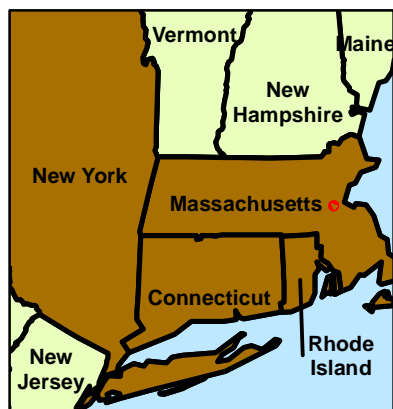
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*West Roxbury Lateral  
Page 89 of 94*

Created: 10/24/2013





### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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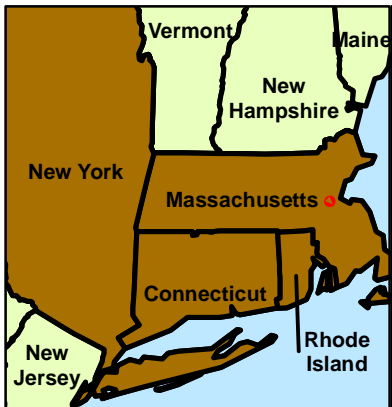
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*West Roxbury Lateral  
Page 90 of 94*

Created: 10/24/2013





### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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AIM Project

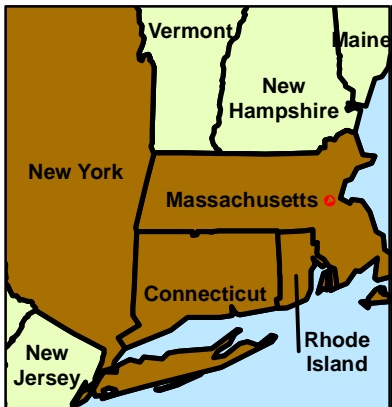
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*West Roxbury Lateral  
Page 91 of 94*

Created: 10/24/2013





### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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5409 Westheimer Ct., Houston, TX 77066-3310 T 281-627-5406

AIM Project

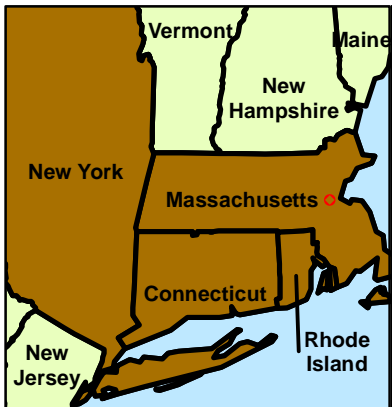
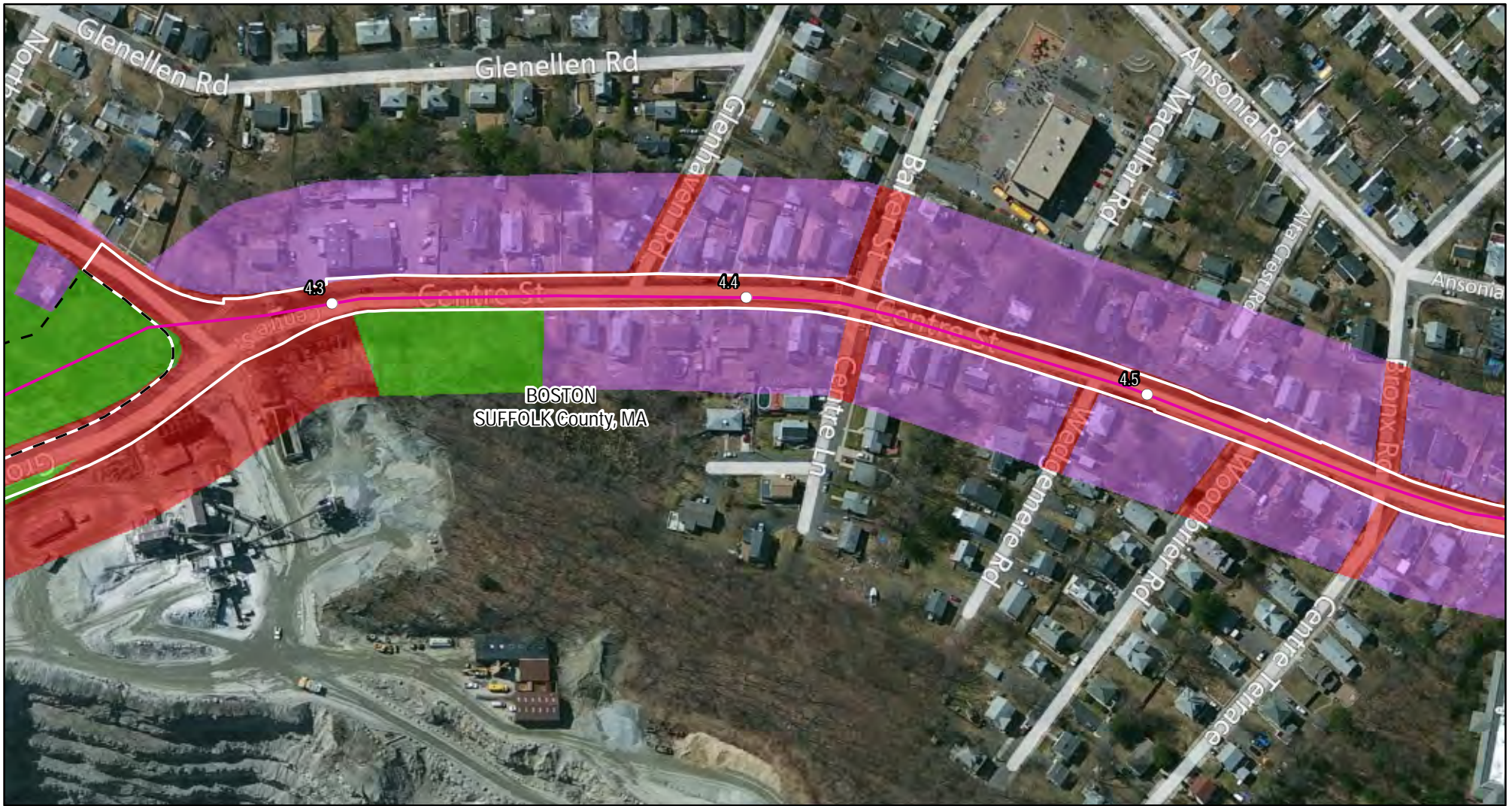
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*West Roxbury Lateral  
Page 92 of 94*

Created: 10/24/2013





### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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AIM Project

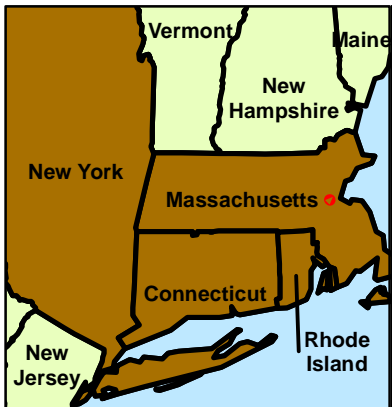
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*West Roxbury Lateral  
Page 93 of 94*

Created: 10/24/2013





### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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AIM Project

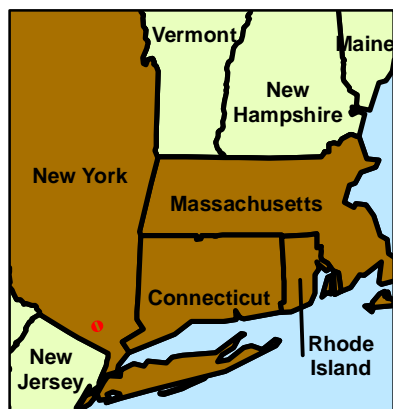
Figure 8.2-1

Land Use Crossed  
by the AIM Project Pipeline

*West Roxbury Lateral  
Page 94 of 94*

Created: 10/24/2013





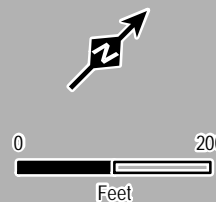
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



Algonquin Gas Transmission, LLC  
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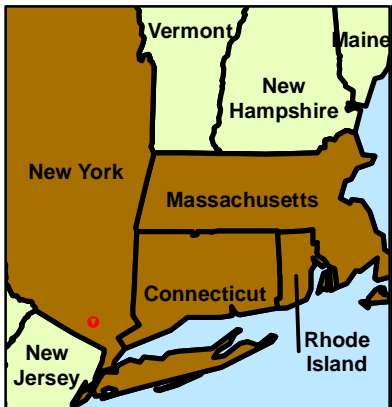
AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities  
*Stony Point Meter Station*

Page 1 of 32

Created: 10/21/2013





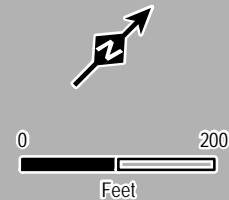
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



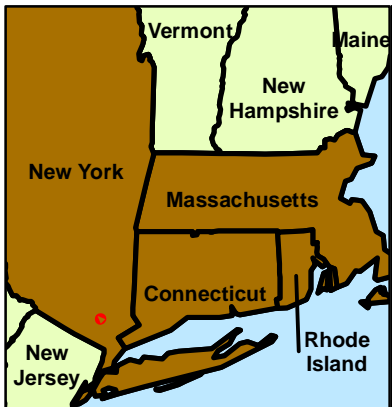
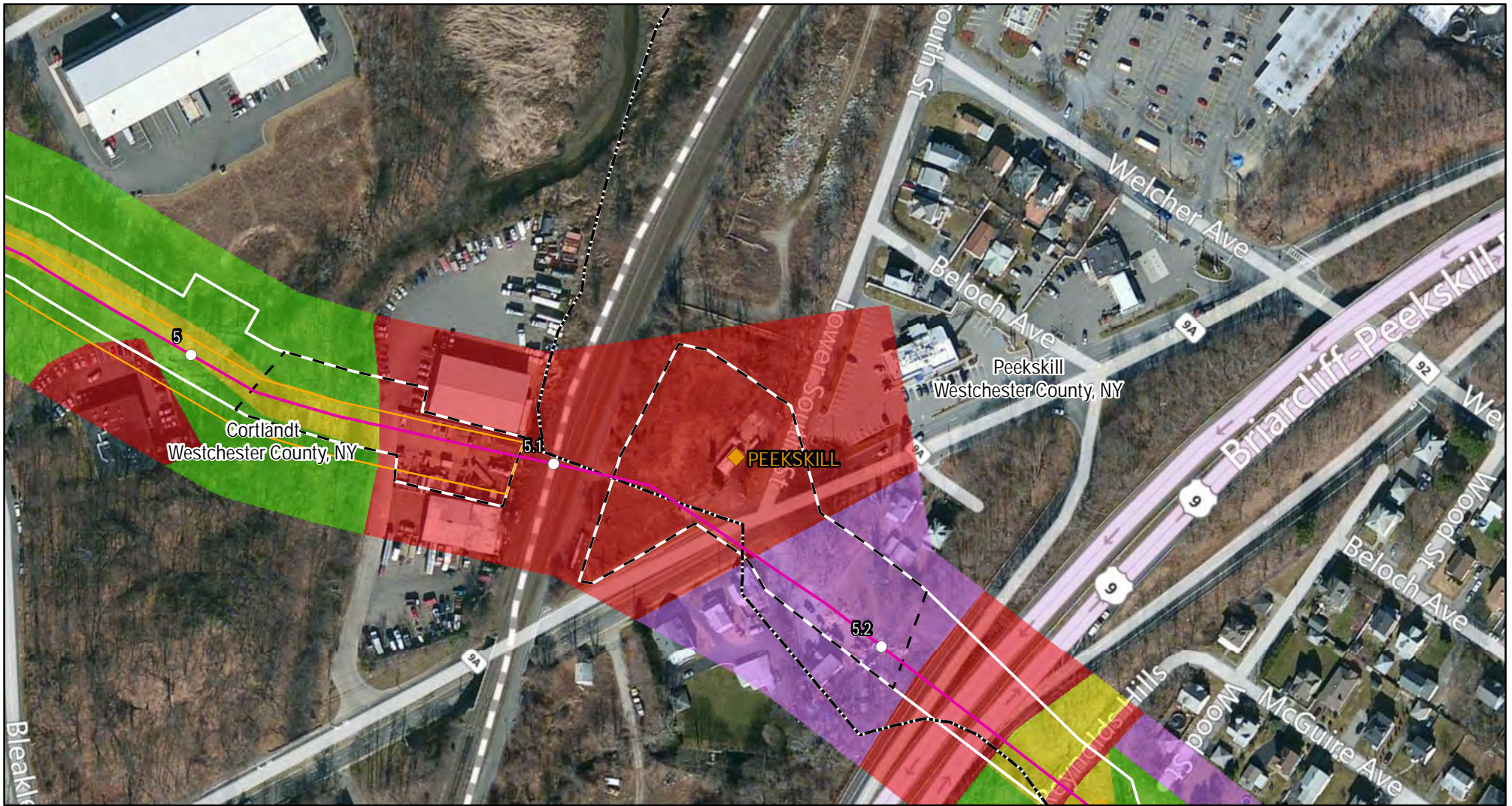
Algonquin Gas Transmission, LLC  
 5400 Westheimer Ct., Houston, TX 77066-3310 713.427.5406

### AIM Project

Figure 8.2-2  
 Land Use Affected  
 by the AIM Project  
 Aboveground Facilities  
*Stony Point Compressor Station*  
 Page 2 of 32

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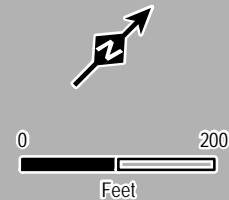
### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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5400 Westheimer Ct., Houston, TX 77066-3310 713.427-5406

AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities

Peekskill Meter Station

Page 3 of 32

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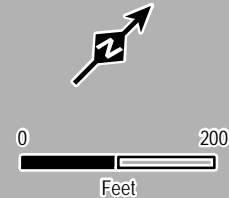
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



Algonquin Gas Transmission, LLC  
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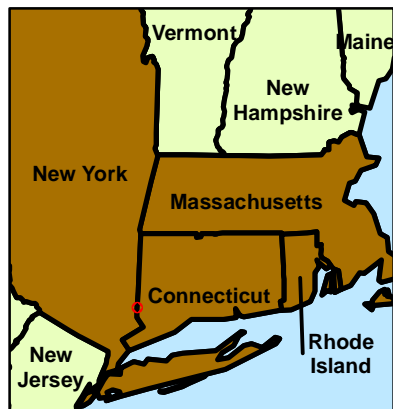
### AIM Project

Figure 8.2-2  
 Land Use Affected  
 by the AIM Project  
 Aboveground Facilities  
 Cortlandt Meter Station

Page 4 of 32

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### Legend

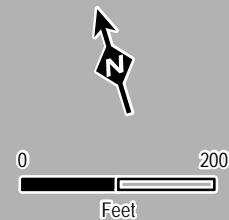
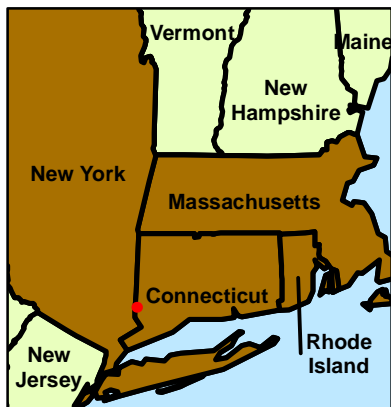


Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities  
*Southeast Compressor Station*  
*Page 5 of 32*





### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



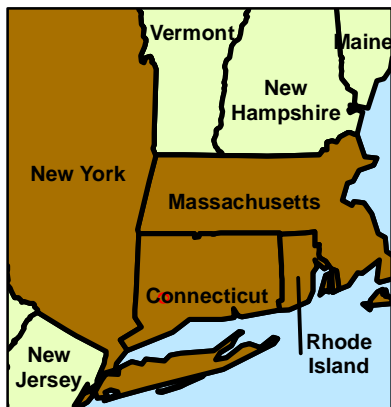
Algonquin Gas Transmission, LLC  
5409 Westheimer Ct. Houston, TX 77066-3310 713.1.427-5406

### AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities  
*Southeast Compressor Station*  
Page 6 of 32

Created: 10/21/2013





### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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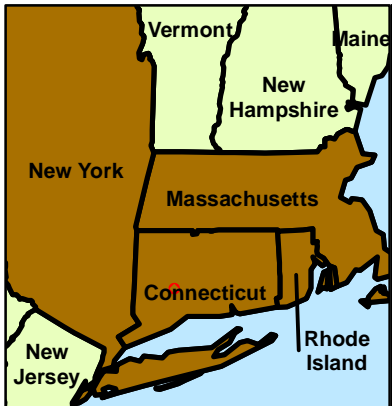
AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities  
*Southbury Meter Station*

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Created: 10/21/2013





### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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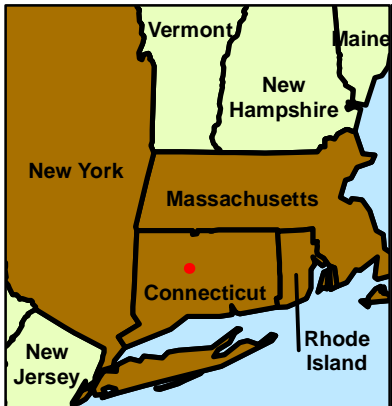
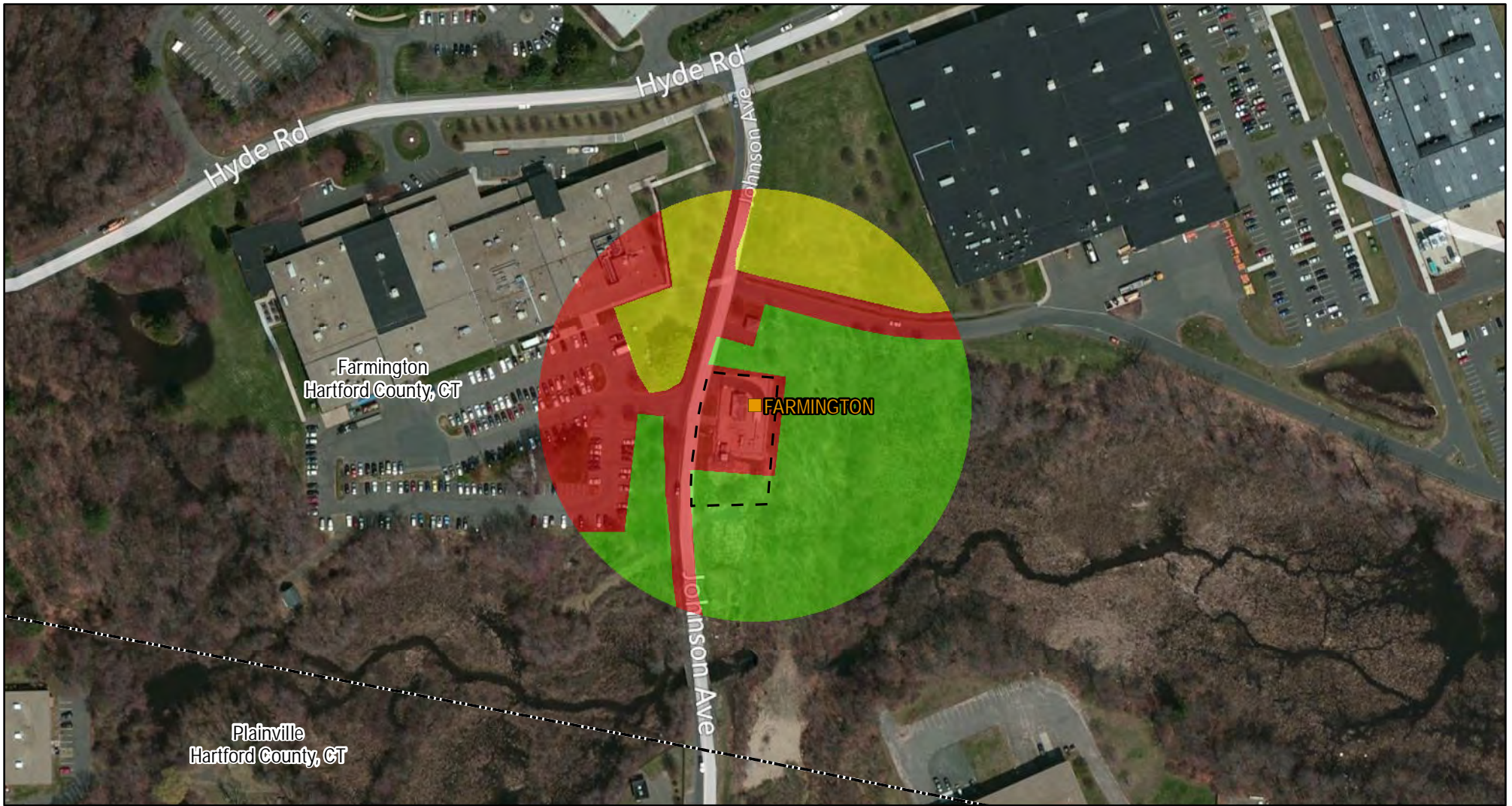
AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities  
Waterbury Meter Station

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Created: 10/21/2013





### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



Algonquin Gas Transmission, LLC  
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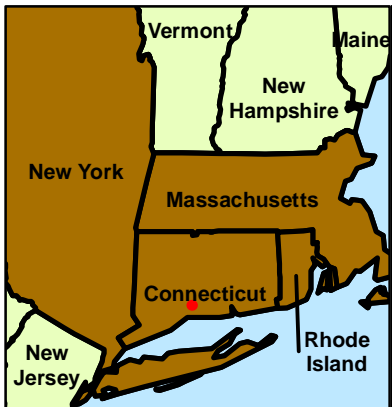
### AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities

*Farmington Meter Station*  
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Created: 10/21/2013





### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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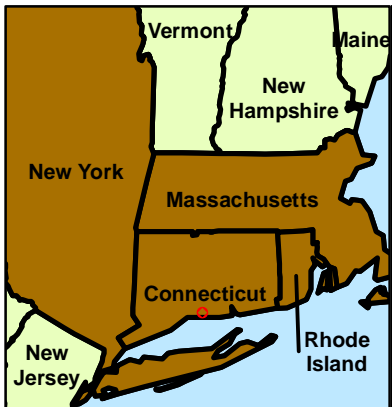
AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities  
*North Haven Meter Station*

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### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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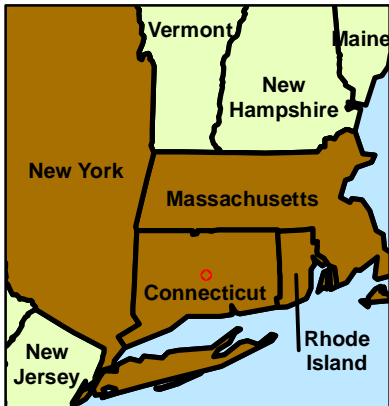
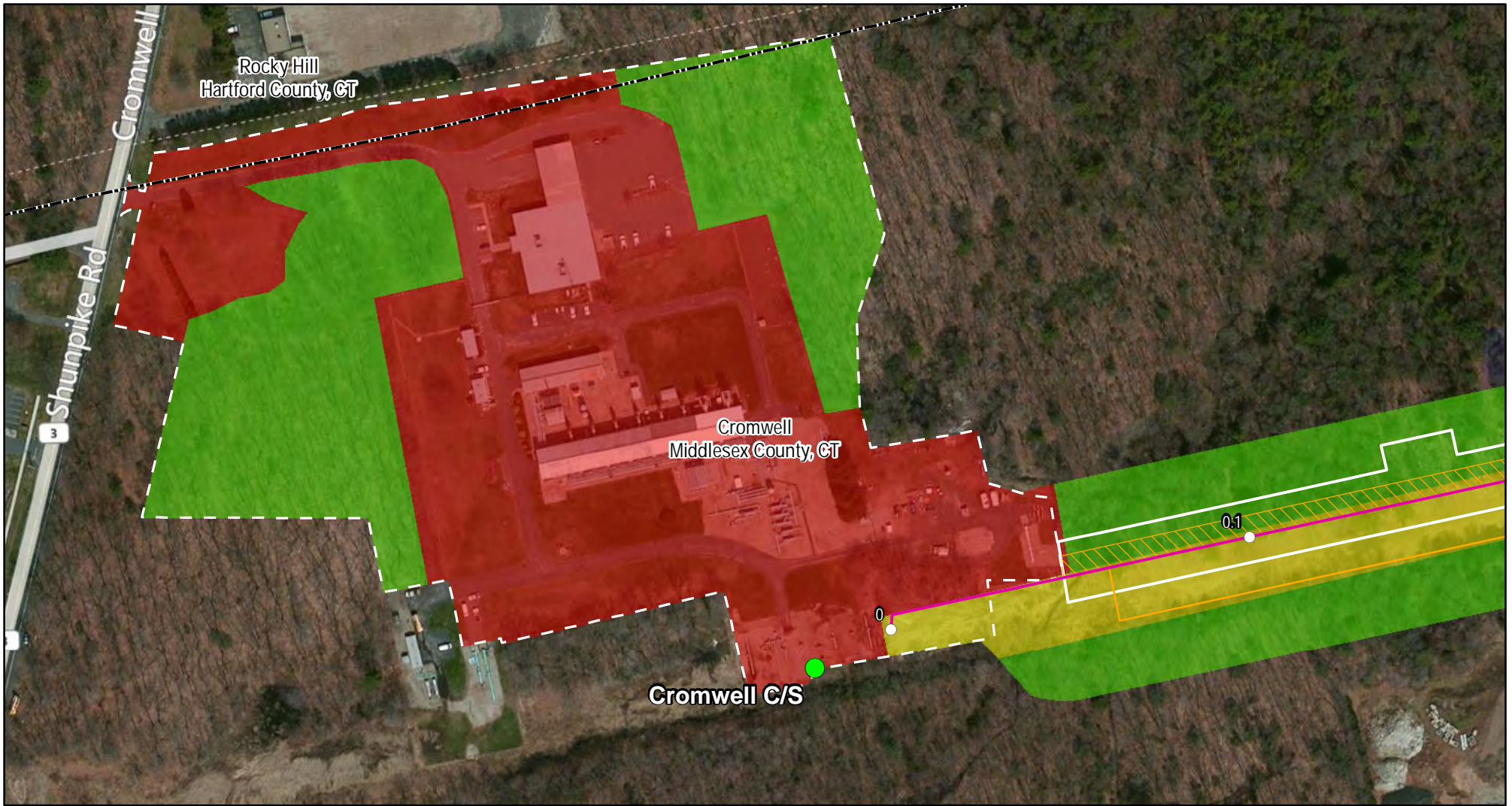
### AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities  
*Guilford Meter Station*

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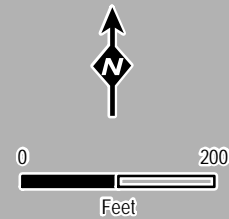
### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



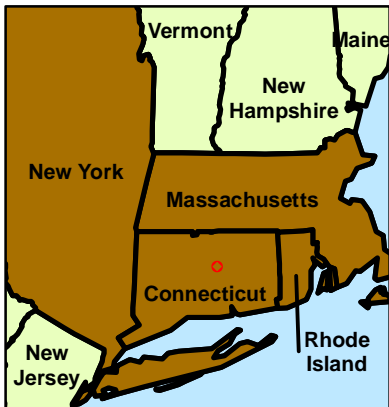
Algonquin Gas Transmission, LLC  
5409 Westheimer Ct., Houston, TX 77056-3310 713.1.427-5406

### AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities  
*Cromwell Compressor Station*  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



Algonquin Gas Transmission, LLC  
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### AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities  
*Glastonbury Meter Station*

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### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



Algonquin Gas Transmission, LLC  
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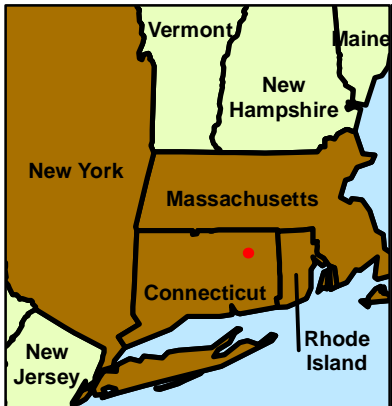
### AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities  
*Middletown Meter Station*

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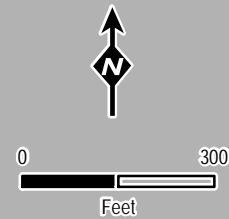
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



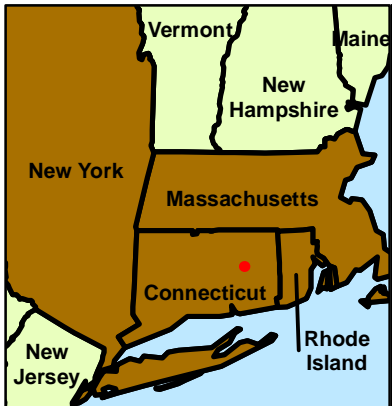
Algonquin Gas Transmission, LLC  
 5400 Westheimer Ct., Houston, TX 77066-3310 T: 281-427-5400

### AIM Project

Figure 8.2-2  
 Land Use Affected  
 by the AIM Project  
 Aboveground Facilities  
*Chaplin Compressor Station*  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



Algonquin Gas Transmission, LLC  
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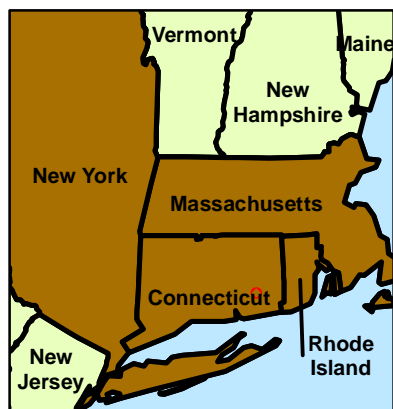
AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities  
*Willimantic Meter Station*

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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



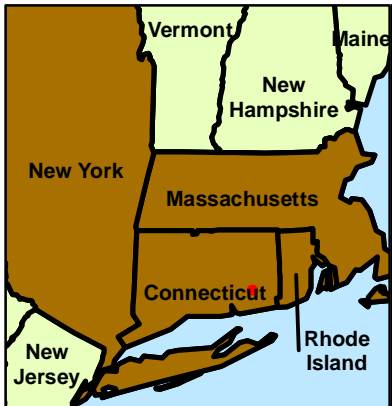
Algonquin Gas Transmission, LLC  
5409 Westheimer Ct., Houston, TX 77056-3310 T: 281-427-5406

AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities  
*Salem Pike Meter Station*  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



Algonquin Gas Transmission, LLC  
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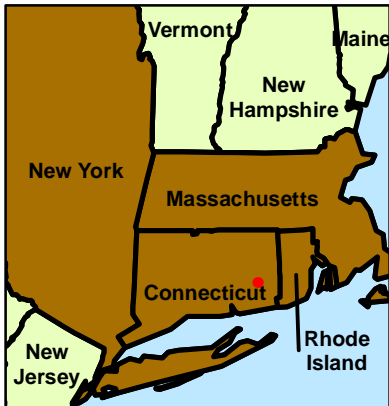
AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities  
*Montville Meter Station*

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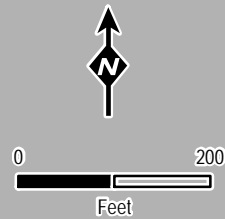
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



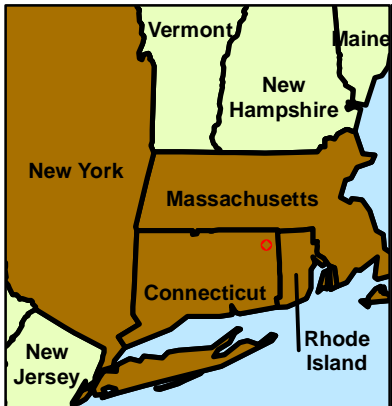
Algonquin Gas Transmission, LLC  
5409 Westheimer Ct. Houston, TX 77056-3310 T: 281-427-5406

### AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities  
*Proposed Oakland Heights Meter Station*  
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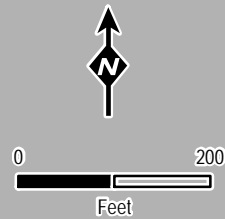
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



Algonquin Gas Transmission, LLC  
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### AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities

*Pomfret Meter Station*

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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



Algonquin Gas Transmission, LLC  
5400 Westheimer Ct., Houston, TX 77066-3310 713.427.5406

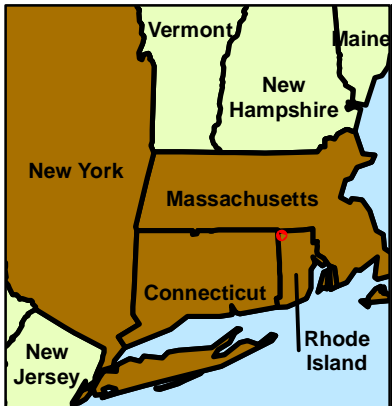
AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities  
*Putnam Meter Station*

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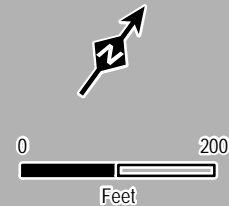
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



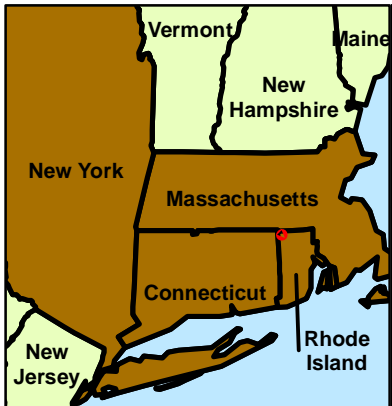
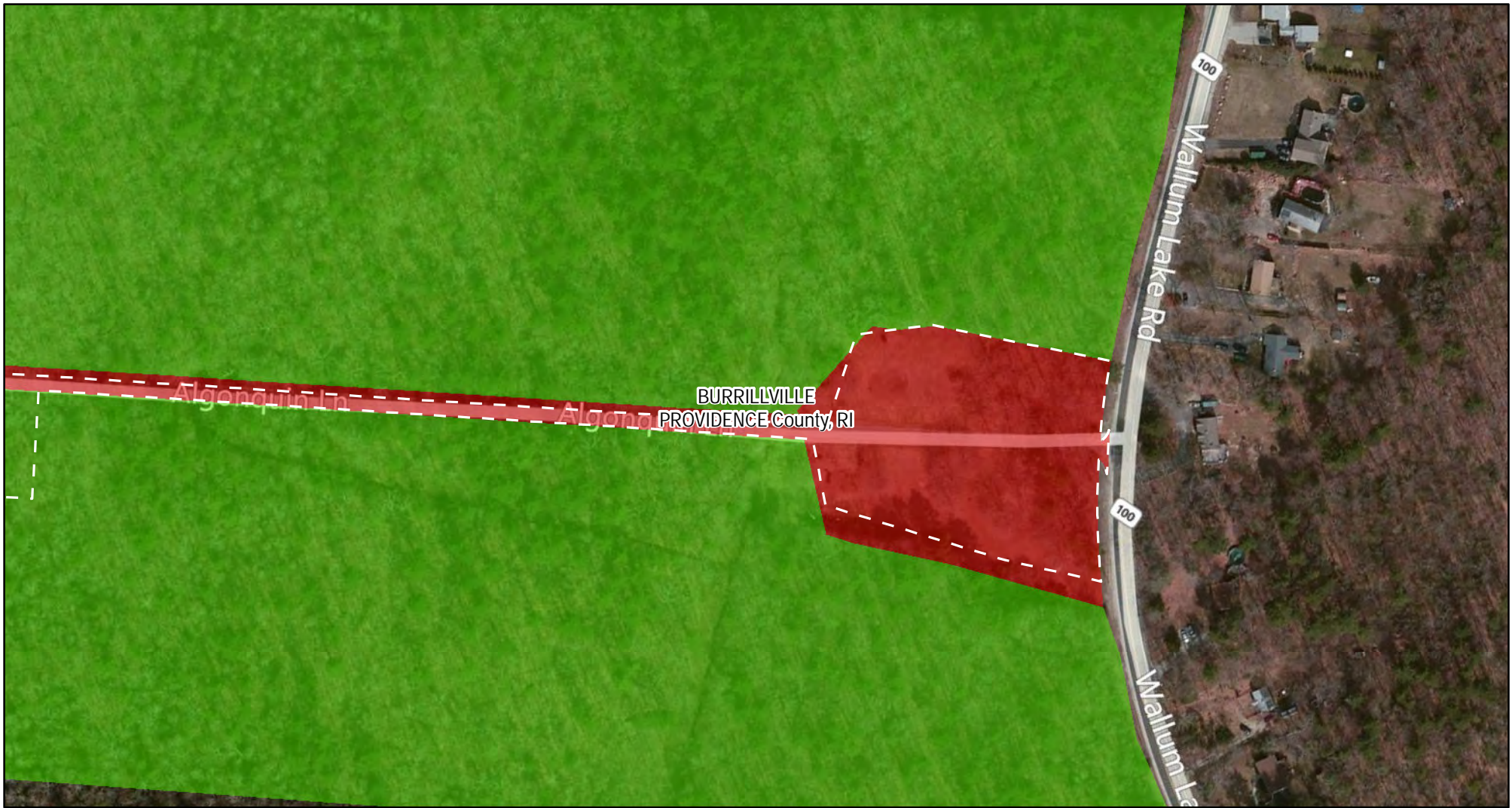
Algonquin Gas Transmission, LLC  
5409 Westheimer Ct., Houston, TX 77056-3310 713.1.427-5406

AIM Project

**Figure 8.2-2**  
**Land Use Affected**  
**by the AIM Project**  
**Aboveground Facilities**  
*Burrillville Compressor Station*  
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Created: 10/21/2013





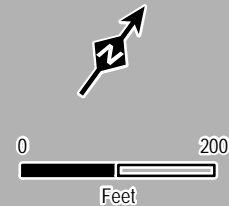
### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



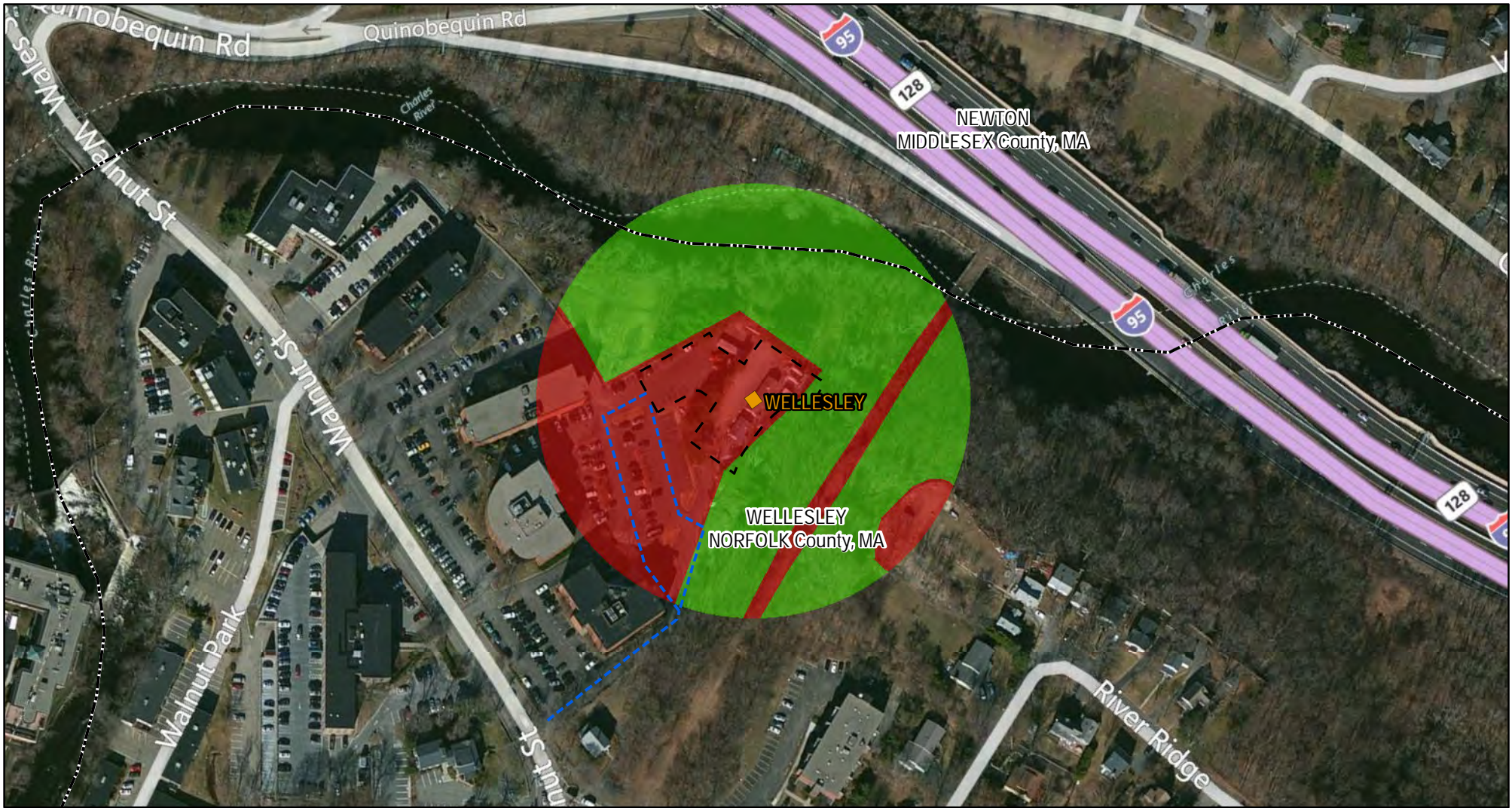
Algonquin Gas Transmission, LLC  
 5409 Westheimer Ct., Houston, TX 77056-3310 T: 817-427-5406

### AIM Project

Figure 8.2-2  
 Land Use Affected  
 by the AIM Project  
 Aboveground Facilities  
*Burrillville Compressor Station*  
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### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



Algonquin Gas Transmission, LLC  
5409 Westheimer Ct., Houston, TX 77066-3310 T: 817-427-5406

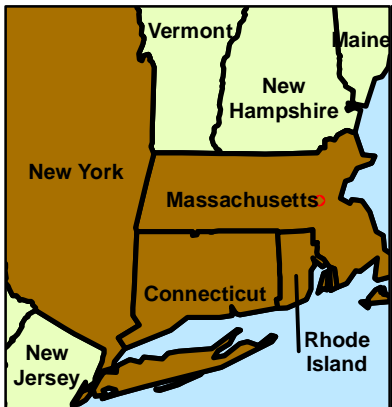
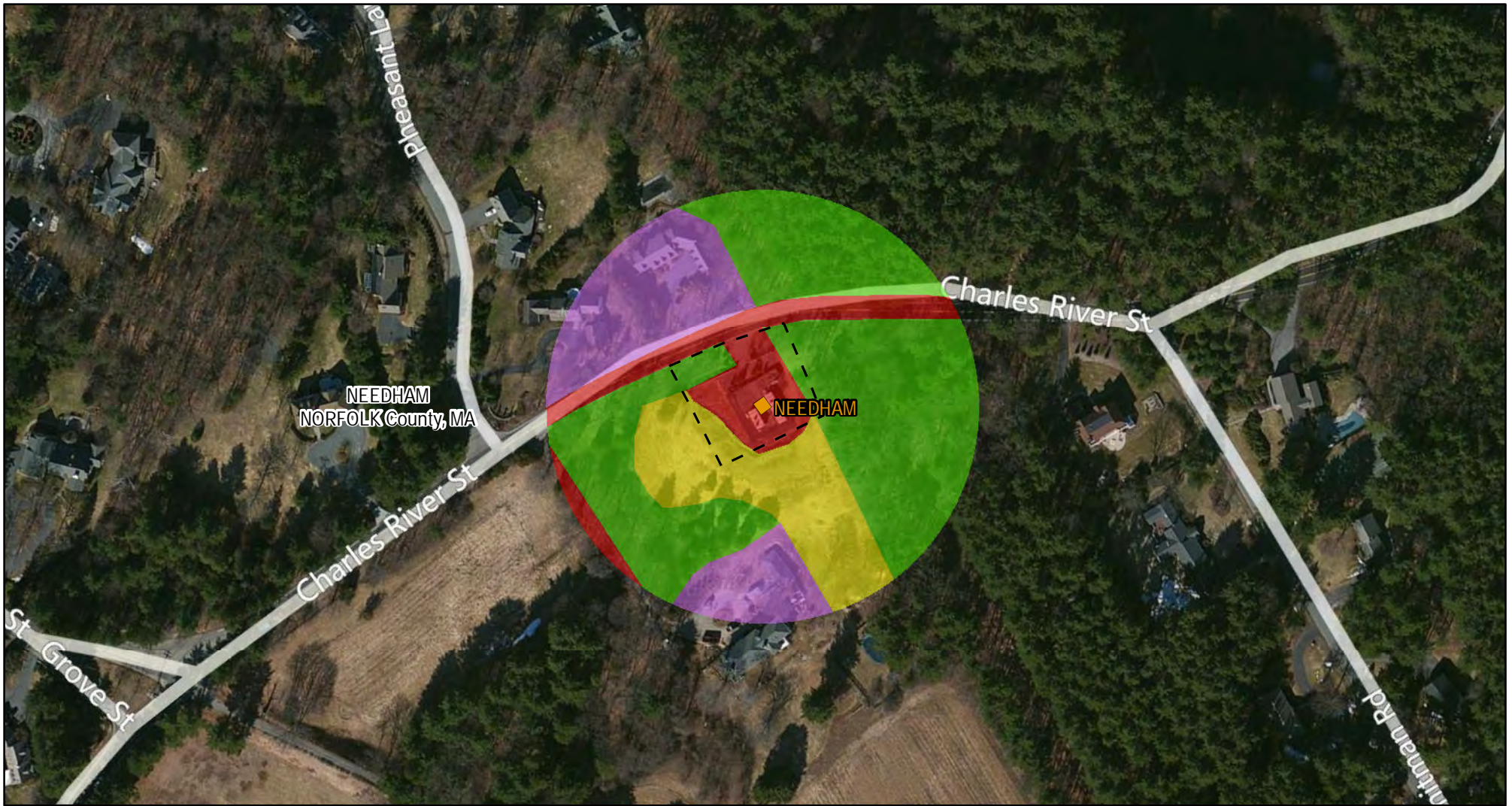
AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities

*Wellesley Meter Station*  
Page 24 of 32

Created: 10/21/2013





### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



Algonquin Gas Transmission, LLC  
5409 Westheimer Ct., Houston, TX 77056-3310 713.427-5406

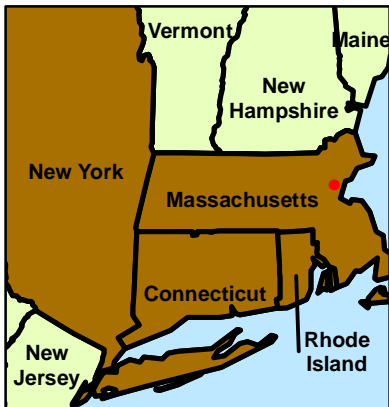
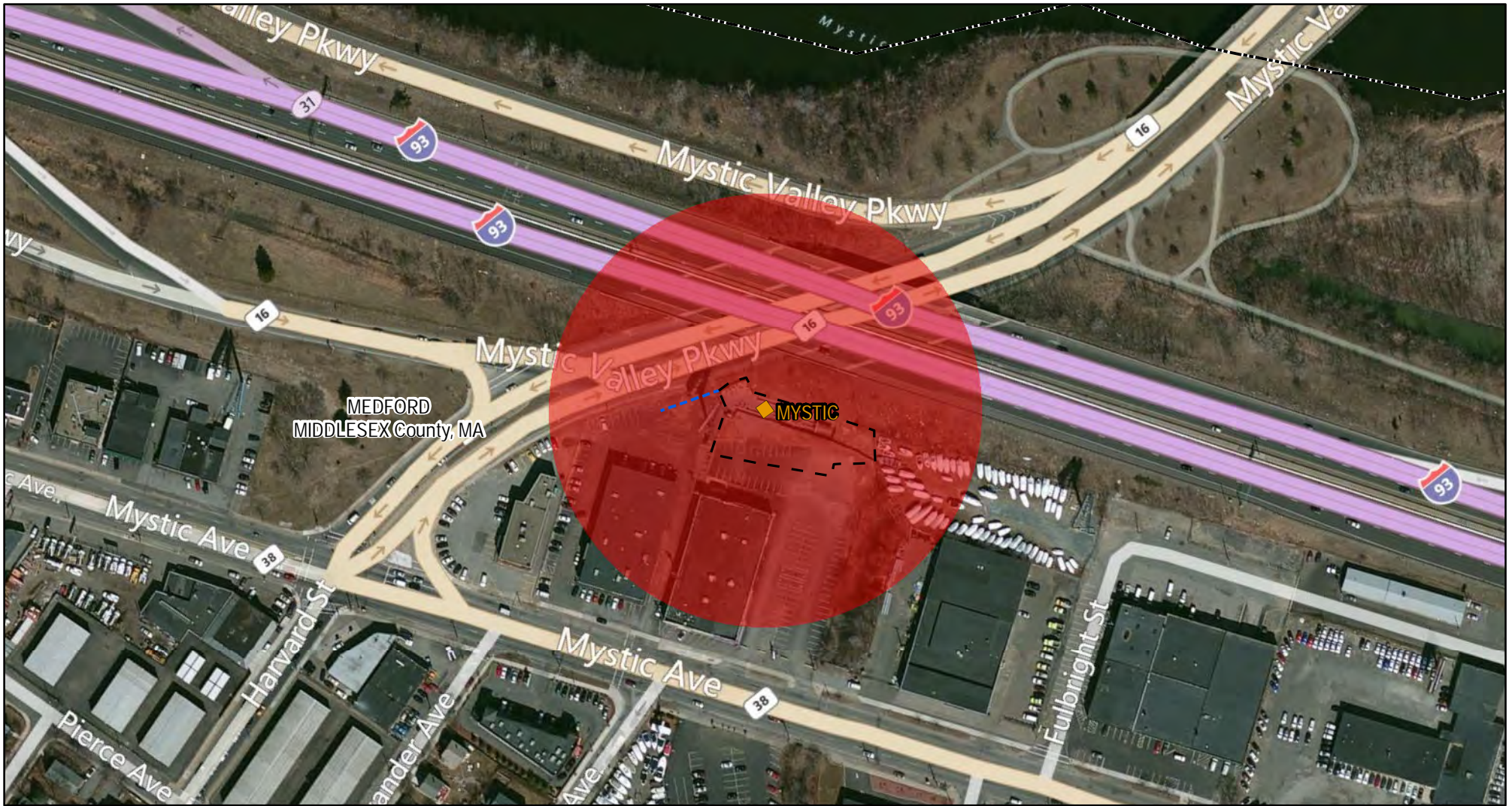
AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities  
*Needham Meter Station*

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Created: 10/21/2013





### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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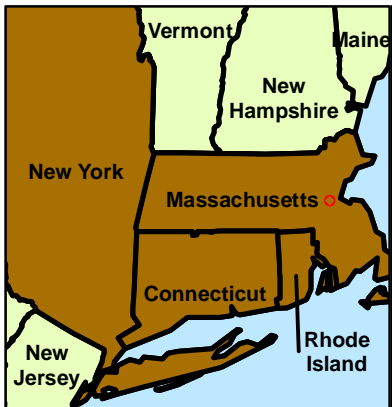
AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities

*Mystic Meter Station*  
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Created: 10/21/2013





### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA  
Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



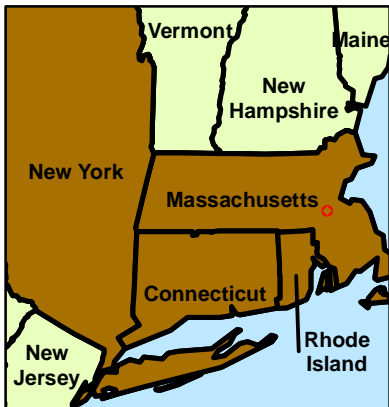
Algonquin Gas Transmission, LLC  
5400 Westheimer Ct., Houston, TX 77066-3310 T: 817-407-5406

AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities  
*West Roxbury Meter Station*  
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### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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5400 Westheimer Ct., Houston, TX 77066-3310 T: 281-427-5406

AIM Project

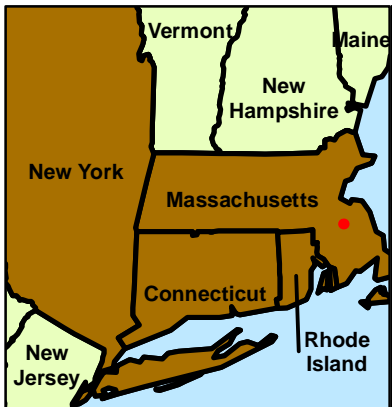
Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities

*Norwood Meter Station*

*Page 28 of 32*

Created: 10/21/2013





### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



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AIM Project

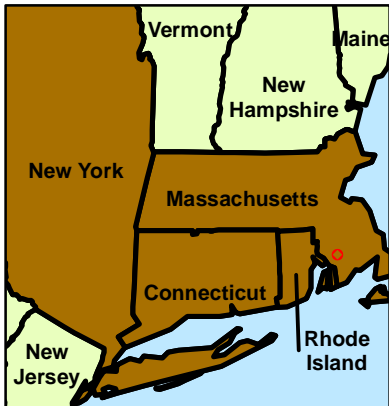
Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities

*Brockton Meter Station*

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Created: 10/21/2013





### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



Algonquin Gas Transmission, LLC  
5409 Westheimer Ct. Houston, TX 77066-3310 713.1.427-5406

### AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities

*North Fall River Meter Station*

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Created: 10/21/2013





### Legend

- AIM Pipeline Facility
- - - Access Roads
- Temporary Workspace
- Compressor Station
- Temporary Workspace
- Meter Station
- Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



0 200  
Feet

Sources: BING, ESRI, SPECTRA

Projection: NAD83, UTM Zone 18N  
US Survey Feet, Grid North.



Algonquin Gas Transmission, LLC  
5400 Westheimer Ct., Houston, TX 77066-3310 713.1.427-5406

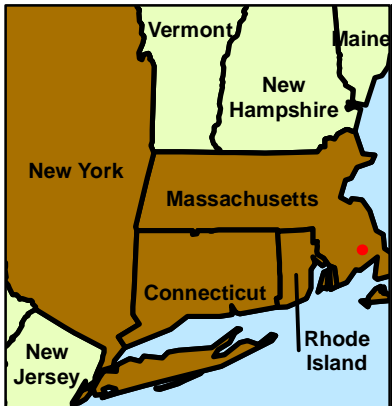
AIM Project

Figure 8.2-2  
Land Use Affected  
by the AIM Project  
Aboveground Facilities  
*New Bedford Meter Station*

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Created: 10/21/2013





### Legend

- AIM Pipeline Facility
- Access Roads
- Temporary Workspace
- Compressor Station Temporary Workspace
- Meter Station Construction Area
- Existing ROW
- New Permanent ROW

- Approximate Milepost
- Existing Compressor Station
- Existing Meter Station
- Proposed Meter Station

### Land Use

- Open Space
- Agricultural
- Forest/Woodland
- Industrial
- Residential
- Open Water



Sources: BING, ESRI, SPECTRA  
 Projection: NAD83, UTM Zone 18N  
 US Survey Feet, Grid North.



Algonquin Gas Transmission, LLC  
 5400 Westheimer Ct., Houston, TX 77056-3310 T: 832-427-5406

### AIM Project

Figure 8.2-2  
 Land Use Affected  
 by the AIM Project  
 Aboveground Facilities  
*Middleborough Meter Station*  
 Page 32 of 32

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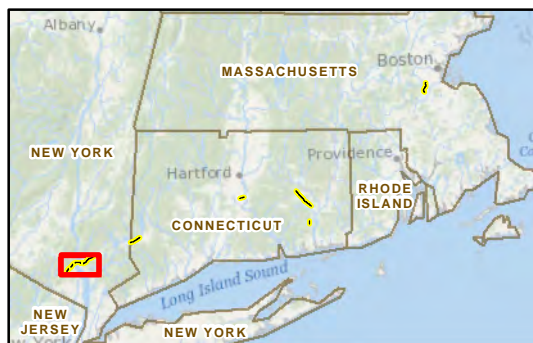
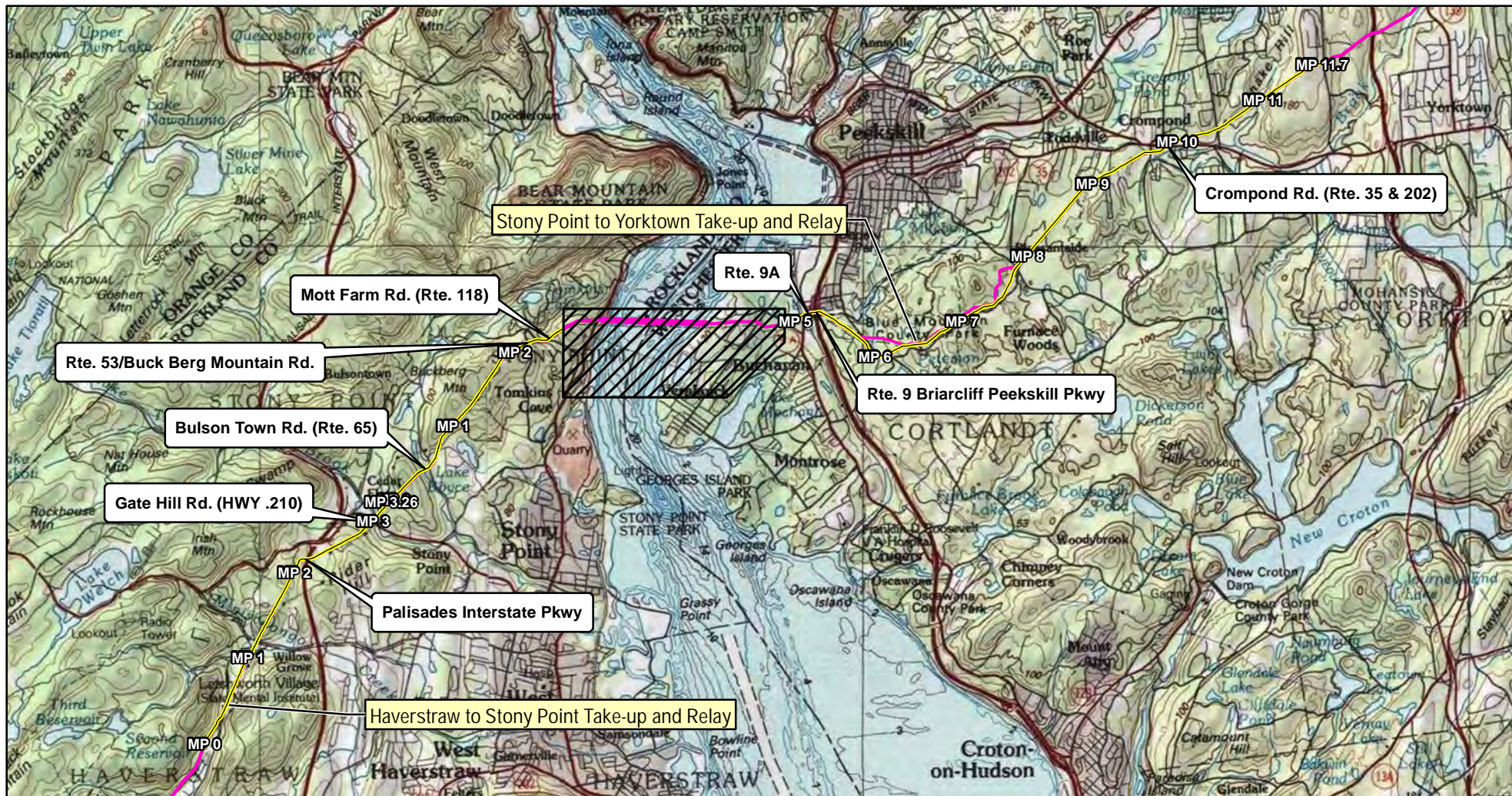
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## APPENDIX 8C

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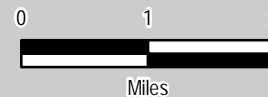
### **Figure 8.3-1: Locus Map of State Highways Crossed by the AIM Project**





### Legend

- Proposed Pipeline
- Existing Algonquin Natural Gas Pipelines
- Hudson River Study Corridor
- State Boundary



**Spectra Energy**

Algonquin Gas Transmission, LLC  
5400 Westchester Ct., Houston, TX 77056-5107 T 281-5406

AIM Project

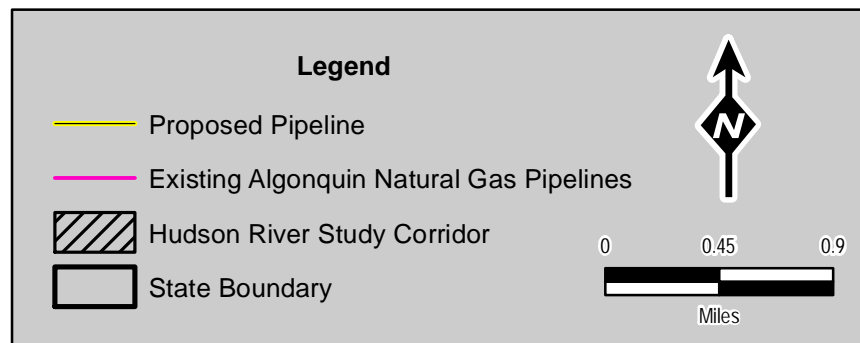
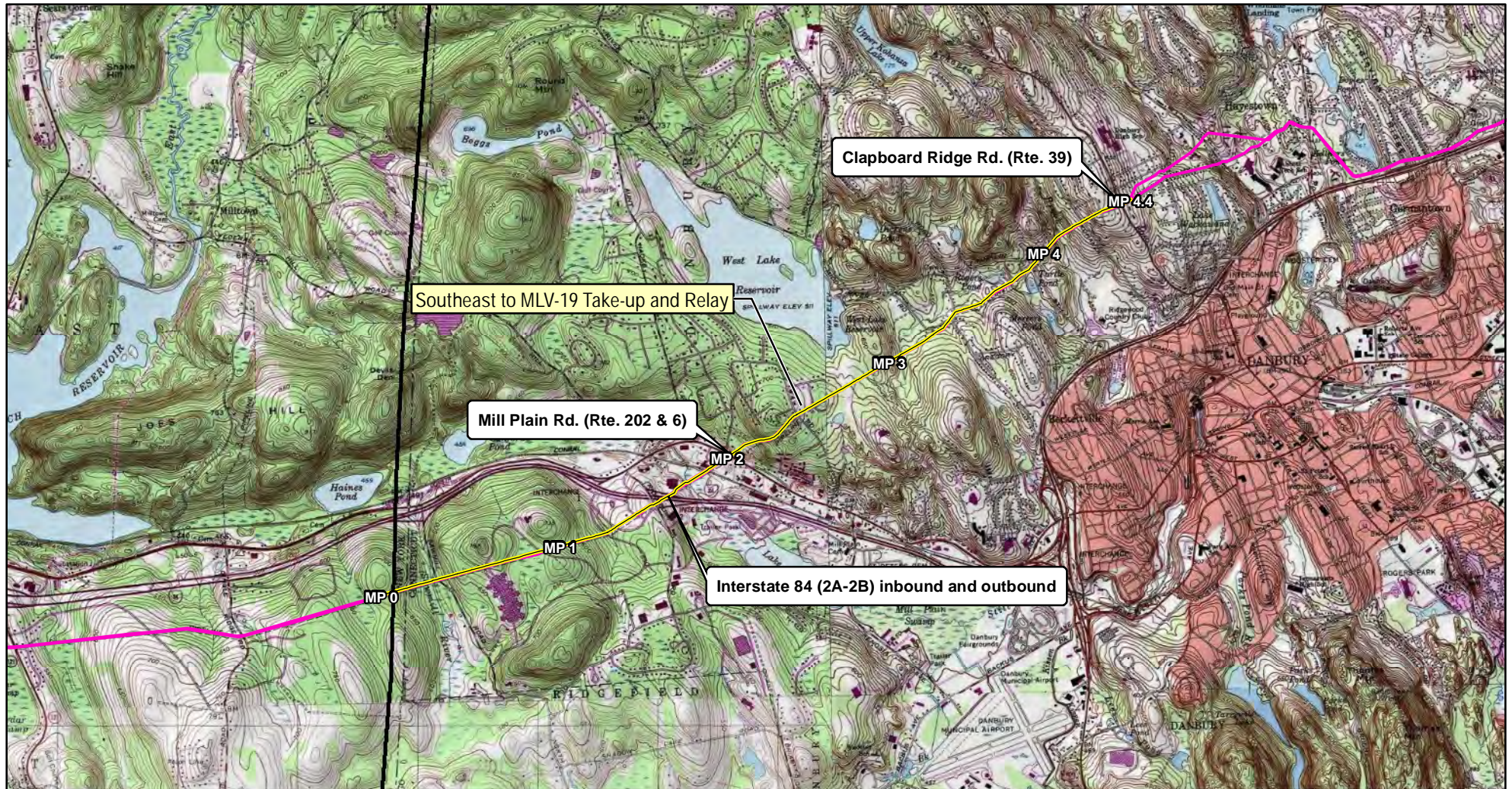
APPENDIX 8C

Figure 8.3-1: Locus Map of State  
 Highways Crossed by the AIM Project

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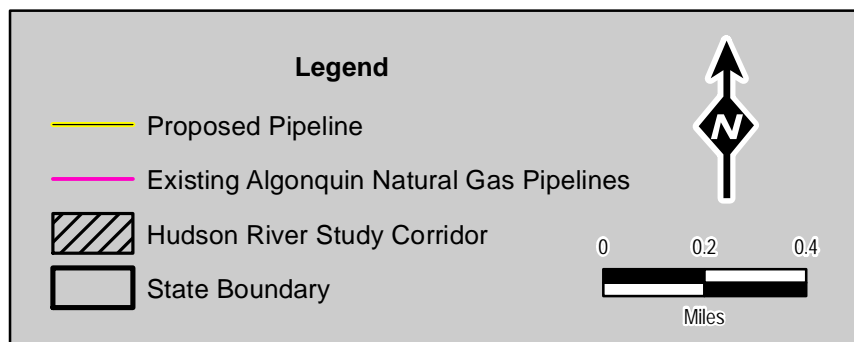
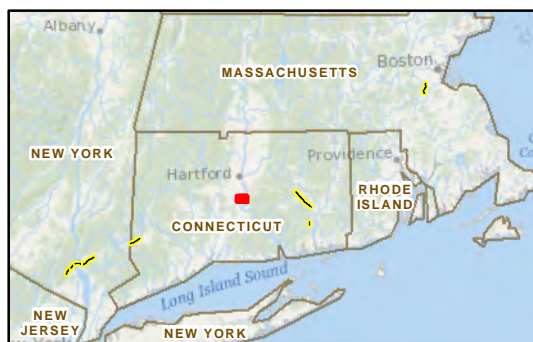
APPENDIX 8C

Figure 8.3-1: Locus Map of State Highways Crossed by the AIM Project

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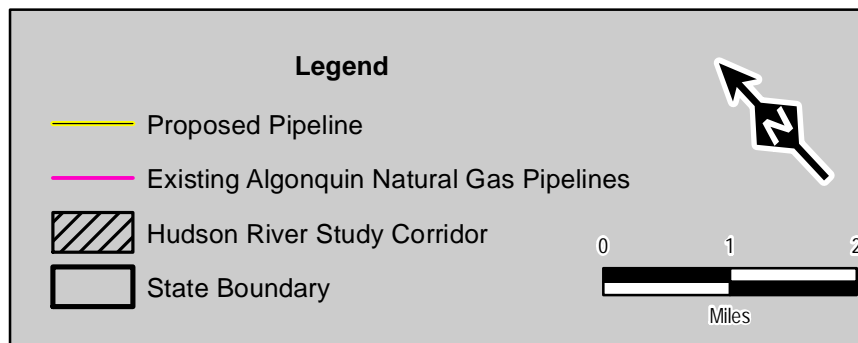
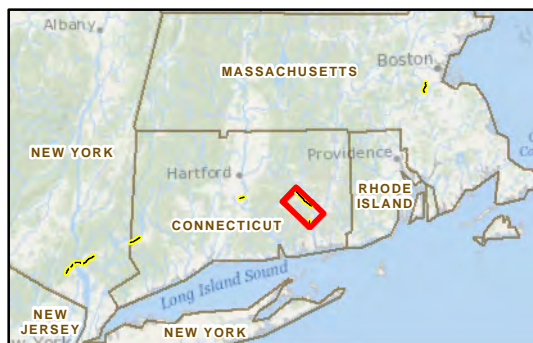
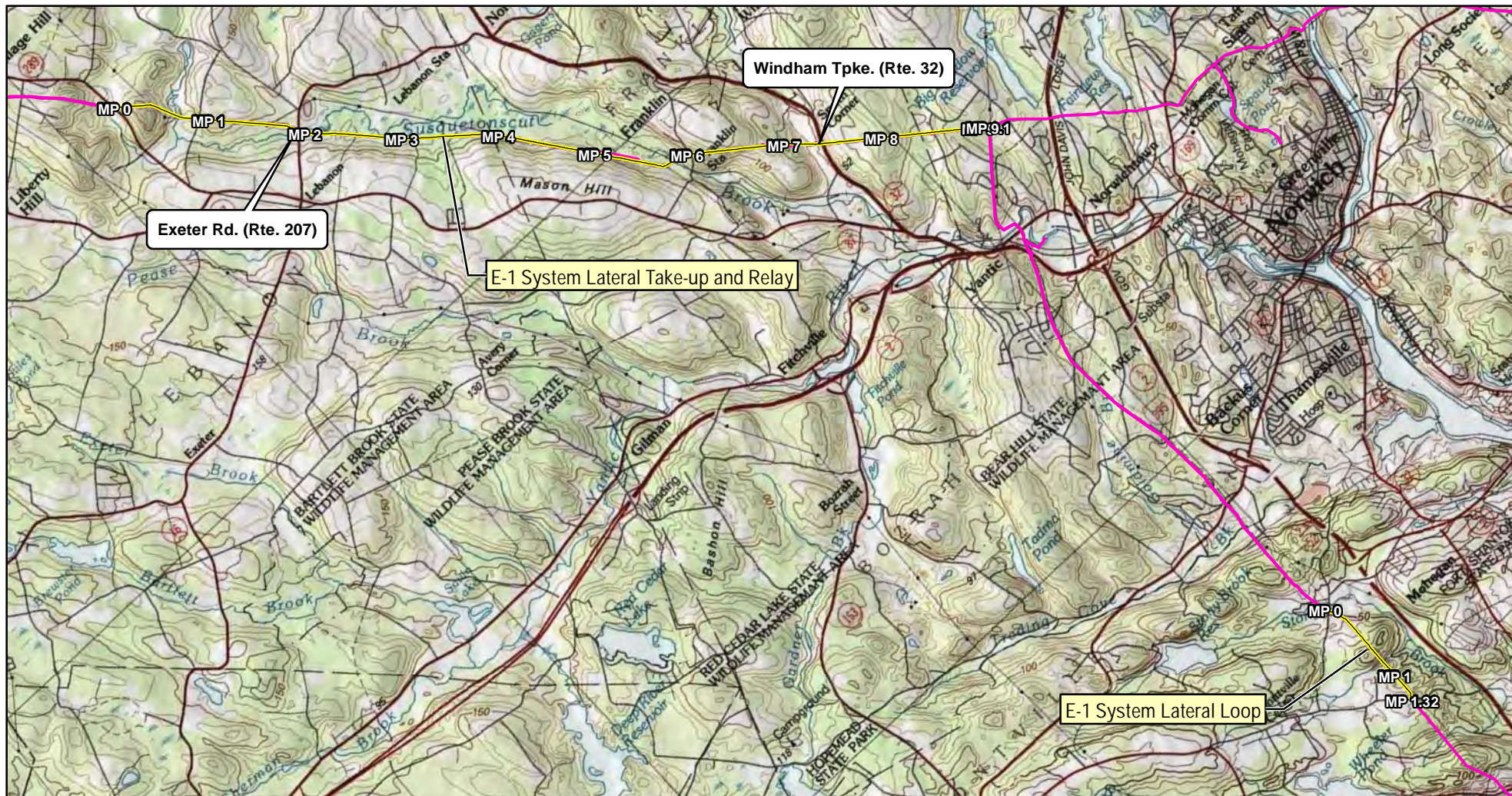




**Spectra Energy**  
Algonquin Gas Transmission, LLC  
 3400 Westchester Ct., Houston, TX 77060-5110 T113 / 877-5462

AIM Project  
 APPENDIX 8C  
 Figure 8.3-1: Locus Map of State  
 Highways Crossed by the AIM Project  
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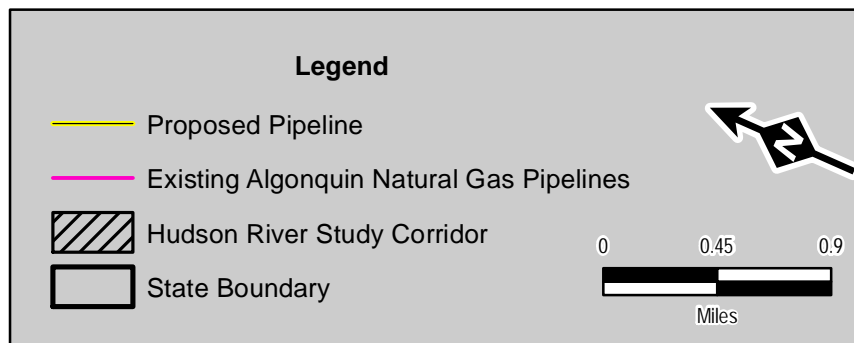
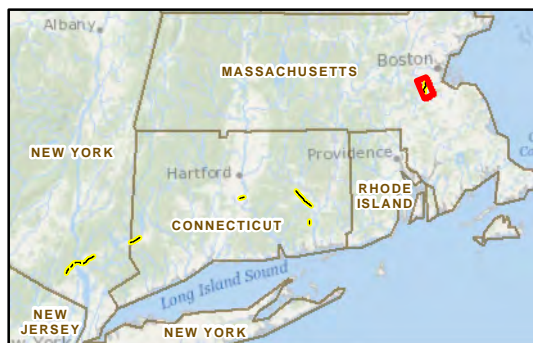
APPENDIX 8C

Figure 8.3-1: Locus Map of State  
Highways Crossed by the AIM Project

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AIM Project

APPENDIX 8C

Figure 8.3-1: Locus Map of State  
Highways Crossed by the AIM Project

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## APPENDIX 8D

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**Table 8D-1: Structures within 50 Feet of the Construction Work Area for the AIM Pipeline**

**Table 8D-2: Planned Residential and Commercial Areas within 0.25 mile of the AIM Pipeline**

TABLE 8D-1

Structures Within 50 Feet of the AIM Pipeline Construction Work Areas

Location, Facility	MP	Type of Structures	Distance (Feet)		Mitigation <u>a/</u>
			Distance from Edge of Workspace	Distance from Pipeline Centerline	
New York					
Haverstraw to Stony Point Take-up & Relay					
Rockland County					
Haverstraw	0.38	RESIDENTIAL	0	20	TBD
	0.41	RESIDENTIAL	20	40	TBD
	0.43	RESIDENTIAL	25	45	TBD
	0.45	RESIDENTIAL	45	65	TBD
	0.48	RESIDENTIAL	10	30	TBD
	0.50	RESIDENTIAL	20	40	TBD
	1.02	RESIDENTIAL	30	80	TBD
	1.10	RESIDENTIAL	-30	20	TBD
	1.11	RESIDENTIAL	-30	20	TBD
	1.12	RESIDENTIAL	30	85	TBD
	1.12	RESIDENTIAL	-30	20	TBD
	1.13	RESIDENTIAL	-30	20	TBD
	1.14	RESIDENTIAL	-30	20	TBD
	1.14	RESIDENTIAL	40	95	TBD
	1.15	RESIDENTIAL	30	20	TBD
	1.16	RESIDENTIAL	20	75	TBD
	Stony Point	1.16	RESIDENTIAL	50	105
1.71		RESIDENTIAL	25	45	TBD
2.03		RESIDENTIAL	0	55	TBD
2.09		RESIDENTIAL	0	20	TBD
2.23		RESIDENTIAL	0	55	TBD
2.24		RESIDENTIAL	20	40	TBD
2.26		RESIDENTIAL	50	105	TBD
2.30		RESIDENTIAL	0	55	TBD
2.31		RESIDENTIAL	20	40	TBD
2.34		RESIDENTIAL	25	80	TBD
2.35		RESIDENTIAL	5	25	TBD
2.40		RESIDENTIAL	0	55	TBD
2.42		RESIDENTIAL	30	50	TBD
2.83		RESIDENTIAL	50	115	TBD
2.91		RESIDENTIAL	50	145	TBD
2.95		RESIDENTIAL	30	125	TBD
3.01		RADIO TOWER	10	75	TBD
Stony Point to Yorktown Take-up & Relay					
Rockland County					
Stony Point <u>b/</u>	0.41	RES./COMM.	10	75	TBD
	0.42	RES./COMM.	45	150	TBD



TABLE 8D-1

Structures Within 50 Feet of the AIM Pipeline Construction Work Areas

Location, Facility	MP	Type of Structures	Distance (Feet)		Mitigation <u>a/</u>
			Distance from Edge of Workspace	Distance from Pipeline Centerline	
	0.45	RESIDENTIAL	50	150	TBD
	0.46	RESIDENTIAL	50	75	TBD
	0.60	SHED	0	10	TBD
	0.61	RESIDENTIAL	45	70	TBD
	0.62	RESIDENTIAL	50	125	TBD
	0.66	RESIDENTIAL	30	85	TBD
	0.67	RESIDENTIAL	15	35	TBD
	1.34	RESIDENTIAL	25	95	TBD
	1.48	GARAGE	10	65	TBD
	1.59	RESIDENTIAL	30	80	TBD
	1.69	RESIDENTIAL	25	50	TBD
	1.77	SHED	15	40	TBD
	1.79	RESIDENTIAL	25	50	TBD
	2.09	SHED	25	45	TBD
	2.10	SHED/POOL	10	30	TBD
	2.11	RESIDENTIAL	0	20	TBD
	2.11	RESIDENTIAL	45	100	TBD
	2.17	RESIDENTIAL	30	50	TBD
	2.17	RESIDENTIAL	10	65	TBD
	2.29	RESIDENTIAL	10	30	TBD
	2.33	RESIDENTIAL	10	65	TBD
	2.42	RESIDENTIAL	5	25	TBD
	2.44	RESIDENTIAL	50	105	TBD
<u>Westchester County</u>					
<u>Cortlandt</u>					
<u>Village of Buchanan <u>b/</u></u>	4.99	COMMERCIAL	35	80	TBD
	5.08	COMMERCIAL	5	30	TBD
	5.08	COMMERCIAL	5	75	TBD
<u>City of Peekskill</u>	5.16	RESIDENTIAL	20	40	TBD
	5.19	RESIDENTIAL	20	110	TBD
	5.19	RESIDENTIAL	20	45	TBD
<u>Cortlandt</u>	5.33	RESIDENTIAL	5	175	TBD
	5.92	RESIDENTIAL	40	105	TBD
	6.00	RESIDENTIAL	-20	25	TBD
	7.49	GARAGE	5	35	TBD
	7.49	GARAGE	40	100	TBD
	7.51	RESIDENTIAL	10	75	TBD
	7.52	COMMERCIAL	40	80	TBD
	7.73	RESIDENTIAL	35	70	TBD
	7.74	GARAGE	15	50	TBD
	8.34	SHED	25	125	TBD
	8.38	RESIDENTIAL	15	40	TBD
	8.41	RESIDENTIAL	15	75	TBD



TABLE 8D-1

Structures Within 50 Feet of the AIM Pipeline Construction Work Areas

Location, Facility	MP	Type of Structures	Distance (Feet)		Mitigation <u>a/</u>
			Distance from Edge of Workspace	Distance from Pipeline Centerline	
	8.43	RESIDENTIAL	10	30	TBD
	8.47	RESIDENTIAL	10	30	TBD
	8.55	RESIDENTIAL	25	80	TBD
	8.73	RESIDENTIAL	5	60	TBD
	8.77	RESIDENTIAL	45	65	TBD
	8.81	RESIDENTIAL	10	65	TBD
	8.84	RESIDENTIAL	25	45	TBD
	8.91	GARAGE	35	55	TBD
	8.93	RESIDENTIAL	45	65	TBD
	8.97	RESIDENTIAL	10	65	TBD
	9.01	RESIDENTIAL	-25	25	TBD
	9.03	RESIDENTIAL	25	79	TBD
	9.10	RESIDENTIAL	25	79	TBD
	9.14	SHED	20	40	TBD
	9.16	RESIDENTIAL	10	30	TBD
	9.18	RESIDENTIAL	20	105	TBD
	9.21	RESIDENTIAL	0	20	TBD
	9.22	SHED	0	20	TBD
	9.25	RESIDENTIAL	0	55	TBD
	9.31	RESIDENTIAL	30	85	TBD
	9.37	RESIDENTIAL	50	95	TBD
	9.39	RESIDENTIAL	35	55	TBD
	9.42	RESIDENTIAL	15	70	TBD
	9.44	SHED	-30	15	TBD
	9.45	RESIDENTIAL	0	55	TBD
	9.47	RESIDENTIAL	0	20	TBD
	9.48	RESIDENTIAL	20	75	TBD
	9.50	SHED	15	35	TBD
	9.51	RESIDENTIAL	0	20	TBD
	9.58	RESIDENTIAL	15	70	TBD
	9.58	RESIDENTIAL	30	50	TBD
	9.68	RESIDENTIAL	35	210	TBD
	9.73	RESIDENTIAL	30	205	TBD
	9.75	RESIDENTIAL	50	225	TBD
	9.77	COMMERCIAL	35	55	TBD
	9.79	RESIDENTIAL	40	95	TBD
	9.80	COMMERCIAL	5	25	TBD
	9.81	RESIDENTIAL	45	100	TBD
	9.84	RESIDENTIAL	15	60	TBD
	10.04	SHED	25	45	TBD
	10.06	RESIDENTIAL	-15	15	TBD
	10.07	RESIDENTIAL	40	60	TBD
	10.11	RESIDENTIAL	0	55	TBD

TABLE 8D-1

**Structures Within 50 Feet of the AIM Pipeline Construction Work Areas**

Location, Facility	MP	Type of Structures	Distance (Feet)		Mitigation @/
			Distance from Edge of Workspace	Distance from Pipeline Centerline	
<b>Southeast to MLV-19 Take-up &amp; Relay</b> <u>Putnam County</u> <i>Southeast</i>	10.46	RESIDENTIAL	30	95	TBD
<i>Southeast</i>	1.30	WEIGH STATION	50	90	TBD
<b>Connecticut</b>					
<b>Southeast to MLV-19 Take-up &amp; Relay</b> <u>Fairfield County</u> <i>Danbury</i>	1.93	DEALERSHIP	10	45	TBD
	2.02	COMMERCIAL	0	35	TBD
	2.06	COMMERCIAL	50	85	TBD
	2.22	COMMERCIAL	15	65	TBD
	2.27	RESIDENTIAL	50	100	TBD
	2.36	RESIDENTIAL	10	30	TBD
	2.41	RESIDENTIAL	35	85	TBD
	2.45	RESIDENTIAL	0	50	TBD
	2.46	RESIDENTIAL	35	70	TBD
	2.69	COMMERCIAL	35	70	TBD
	3.16	RESIDENTIAL	5	55	TBD
	3.25	RESIDENTIAL	50	100	TBD
	3.25	SHED	0	50	TBD
	3.33	RESIDENTIAL	15	20	TBD
	3.34	RESIDENTIAL	0	15	TBD
	3.36	RESIDENTIAL	40	115	TBD
	3.38	RESIDENTIAL	30	105	TBD
	3.38	RESIDENTIAL	10	60	TBD
	3.41	RESIDENTIAL	25	105	TBD
	3.45	RESIDENTIAL	25	75	TBD
	3.52	RESIDENTIAL	20	50	TBD
	3.79	RESIDENTIAL	20	70	TBD
	3.82	RESIDENTIAL	5	55	TBD
	3.87	RESIDENTIAL	25	75	TBD
	3.87	RESIDENTIAL	25	75	TBD
	3.90	RESIDENTIAL	10	50	TBD
	3.99	SHED	50	100	TBD
	4.04	RESIDENTIAL	35	85	TBD
<b>36-Inch L-36A Mainline Loop Extension</b> <u>Middlesex County</u> <i>Cromwell</i>	1.26	RESIDENTIAL	50	85	TBD
	1.28	RESIDENTIAL	10	35	TBD



TABLE 8D-1

**Structures Within 50 Feet of the AIM Pipeline Construction Work Areas**

Location, Facility	MP	Type of Structures	Distance (Feet)		Mitigation @/
			Distance from Edge of Workspace	Distance from Pipeline Centerline	
<b>16-Inch E-1 System Take-up &amp; Relay</b>					
<u>New London County</u>					
Franklin	7.34	RESIDENTIAL	10	95	TBD
<b>E-1 System Lateral Loop</b>					
<u>New London County</u>					
Montville	.11	RESIDENTIAL	30	55	TBD
	.19	RESIDENTIAL	50	75	TBD
Massachusetts					
<b>West Roxbury Lateral</b>					
<u>Norfolk County</u>					
Westwood	0.01	RESIDENTIAL	32	153	TBD
	0.01	COMMERCIAL	9	54	TBD
Dedham	0.01	COMMERCIAL	32	25	TBD
	0.34	COMMERCIAL	>1	24	TBD
	0.54	COMMERCIAL	2	103	TBD
	0.54	COMMERCIAL	35	69	TBD
	0.81	RESIDENTIAL	>1	57	TBD
	0.87	RESIDENTIAL	42	100	TBD
	0.90	RESIDENTIAL	19	112	TBD
	0.92	RESIDENTIAL	18	57	TBD
	0.93	RESIDENTIAL	22	59	TBD
	0.94	RESIDENTIAL	28	68	TBD
	0.96	COMMERCIAL	7	26	TBD
	0.96	RESIDENTIAL	25	63	TBD
	0.97	RESIDENTIAL	31	69	TBD
	0.98	RESIDENTIAL	23	61	TBD
	1.01	RESIDENTIAL	47	94	TBD
	1.03	RESIDENTIAL	24	69	TBD
	1.04	RESIDENTIAL	33	78	TBD
	1.09	COMMERCIAL	>1	83	TBD
	1.15	COMMERCIAL	4	22	TBD
	1.24	COMMERCIAL	6	28	TBD
	1.25	COMMERCIAL	24	46	TBD
	1.28	COMMERCIAL	28	47	TBD
	1.30	COMMERCIAL	22	43	TBD
	1.32	COMMERCIAL	23	45	TBD
	1.33	COMMERCIAL	15	39	TBD
	1.37	COMMERCIAL	14	41	TBD

TABLE 8D-1

Structures Within 50 Feet of the AIM Pipeline Construction Work Areas

Location, Facility	MP	Type of Structures	Distance (Feet)		Mitigation <u>a/</u>
			Distance from Edge of Workspace	Distance from Pipeline Centerline	
	1.39	COMMERCIAL	>1	13	TBD
	1.45	COMMERCIAL	17	43	TBD
	1.51	COMMERCIAL	7	27	TBD
	1.53	COMMERCIAL	7	24	TBD
	1.56	COMMERCIAL	50	71	TBD
	1.69	COMMERCIAL	32	66	TBD
	2.00	COMMERCIAL	48	71	TBD
	2.11	RESIDENTIAL	49	68	TBD
	2.21	COMMERCIAL	33	51	TBD
	2.24	RESIDENTIAL	47	74	TBD
	2.27	RESIDENTIAL	47	74	TBD
	2.32	COMMERCIAL	36	48	TBD
	2.37	COMMERCIAL	45	65	TBD
	2.57	COMMERCIAL	3	75	TBD
	2.58	COMMERCIAL	> 1	22	TBD
	2.60	RESIDENTIAL	2	15	TBD
	2.60	RESIDENTIAL	5	19	TBD
	2.61	RESIDENTIAL	11	53	TBD
	2.62	RESIDENTIAL	> 1	29	TBD
	2.62	RESIDENTIAL	3	33	TBD
	2.62	RESIDENTIAL	12	24	TBD
	2.63	RESIDENTIAL	> 1	31	TBD
	2.64	RESIDENTIAL	15	28	TBD
	2.66	RESIDENTIAL	21	40	TBD
	2.66	RESIDENTIAL	9	34	TBD
	2.67	RESIDENTIAL	12	41	TBD
	2.68	RESIDENTIAL	8	24	TBD
	2.68	RESIDENTIAL	16	31	TBD
	2.68	RESIDENTIAL	19	47	TBD
	2.70	RESIDENTIAL	16	32	TBD
	2.70	RESIDENTIAL	9	34	TBD
	2.72	RESIDENTIAL	22	36	TBD
	2.74	RESIDENTIAL	43	73	TBD
	2.75	RESIDENTIAL	37	67	TBD
	2.76	RESIDENTIAL	33	53	TBD
	2.77	RESIDENTIAL	20	47	TBD
	2.78	RESIDENTIAL	6	17	TBD
	2.78	RESIDENTIAL	24	54	TBD
	2.79	RESIDENTIAL	11	22	TBD
	2.79	RESIDENTIAL	22	54	TBD
	2.79	RESIDENTIAL	8	18	TBD
	2.80	RESIDENTIAL	27	37	TBD
	2.81	RESIDENTIAL	26	57	TBD



TABLE 8D-1

Structures Within 50 Feet of the AIM Pipeline Construction Work Areas

Location, Facility	MP	Type of Structures	Distance (Feet)		Mitigation <u>a/</u>
			Distance from Edge of Workspace	Distance from Pipeline Centerline	
	2.81	RESIDENTIAL	4	15	TBD
	2.82	RESIDENTIAL	16	46	TBD
	2.82	RESIDENTIAL	6	19	TBD
	2.83	RESIDENTIAL	39	67	TBD
	2.83	RESIDENTIAL	12	28	TBD
	2.85	RESIDENTIAL	6	21	TBD
	2.86	RESIDENTIAL	9	24	TBD
	2.87	RESIDENTIAL	7	95	TBD
	2.87	RESIDENTIAL	7	21	TBD
	2.88	RESIDENTIAL	3	19	TBD
	2.90	RESIDENTIAL	19	91	TBD
	2.91	RESIDENTIAL	3	13	TBD
	2.92	RESIDENTIAL	3	13	TBD
	2.94	RESIDENTIAL	30	44	TBD
	2.95	RESIDENTIAL	36	55	TBD
	2.96	RESIDENTIAL	20	40	TBD
	2.98	RESIDENTIAL	11	32	TBD
	3.06	RESIDENTIAL	16	51	TBD
	3.10	COMMERCIAL	44	79	TBD
	3.10	RESIDENTIAL	27	59	TBD
	3.12	RESIDENTIAL	38	66	TBD
	3.13	RESIDENTIAL	10	50	TBD
	3.16	RESIDENTIAL	12	55	TBD
	3.16	RESIDENTIAL	17	50	TBD
	3.17	RESIDENTIAL	29	51	TBD
	3.18	RESIDENTIAL	18	60	TBD
	3.18	RESIDENTIAL	18	60	TBD
	3.20	RESIDENTIAL	13	51	TBD
	3.21	RESIDENTIAL	46	65	TBD
	3.22	RESIDENTIAL	41	65	TBD
	3.22	RESIDENTIAL	20	64	TBD
	3.23	RESIDENTIAL	32	55	TBD
	3.24	RESIDENTIAL	39	85	TBD
	3.25	RESIDENTIAL	28	50	TBD
	3.26	RESIDENTIAL	33	80	TBD
	3.26	RESIDENTIAL	26	47	TBD
	3.27	RESIDENTIAL	27	49	TBD
	3.29	RESIDENTIAL	30	77	TBD
	3.30	RESIDENTIAL	15	63	TBD
	3.30	RESIDENTIAL	27	47	TBD
	3.32	RESIDENTIAL	57	100	TBD
	3.32	RESIDENTIAL	33	54	TBD
	3.33	RESIDENTIAL	34	55	TBD

TABLE 8D-1

Structures Within 50 Feet of the AIM Pipeline Construction Work Areas

Location, Facility	MP	Type of Structures	Distance (Feet)		Mitigation @/
			Distance from Edge of Workspace	Distance from Pipeline Centerline	
<u>Suffolk County</u> City of Boston (West Roxbury)	3.34	COMMERCIAL	24	72	TBD
	3.34	RESIDENTIAL	44	66	TBD
	3.35	COMMERCIAL	41	90	TBD
	3.36	RESIDENTIAL	31	53	TBD
	3.37	RESIDENTIAL	29	51	TBD
	3.39	COMMERCIAL	23	72	TBD
	3.41	COMMERCIAL	41	69	TBD
	3.42	RESIDENTIAL	15	54	TBD
	3.44	COMMERCIAL	12	47	TBD
	3.45	RESIDENTIAL	44	86	TBD
	3.45	RESIDENTIAL	28	64	TBD
	3.46	RESIDENTIAL	8	64	TBD
	3.46	RESIDENTIAL	8	64	TBD
	3.49	RESIDENTIAL	10	56	TBD
	3.50	RESIDENTIAL	20	50	TBD
	3.50	RESIDENTIAL	20	50	TBD
	3.50	RESIDENTIAL	27	74	TBD
	3.51	RESIDENTIAL	5	53	TBD
	3.51	RESIDENTIAL	4	52	TBD
	3.53	COMMERCIAL	23	72	TBD
	3.53	RESIDENTIAL	36	64	TBD
	3.56	COMMERCIAL	23	79	TBD
	3.56	RESIDENTIAL	37	62	TBD
	3.56	COMMERCIAL	18	71	TBD
	3.58	RESIDENTIAL	45	69	TBD
	3.61	RESIDENTIAL	29	50	TBD
	3.61	COMMERCIAL	40	97	TBD
	3.62	RESIDENTIAL	26	45	TBD
	3.62	RESIDENTIAL	18	75	TBD
	3.63	RESIDENTIAL	33	52	TBD
	3.66	COMMERCIAL	21	78	TBD
	3.66	COMMERCIAL	11	30	TBD
	3.68	COMMERCIAL	16	41	TBD
	3.68	COMMERCIAL	9	56	TBD
	3.69	COMMERCIAL	12	101	TBD
	3.70	COMMERCIAL	> 1	14	TBD
	3.70	COMMERCIAL	49	144	TBD
	3.71	COMMERCIAL	> 1	15	TBD
	3.72	COMMERCIAL	5	94	TBD
	3.73	COMMERCIAL	> 1	16	TBD
	3.74	COMMERCIAL	5	43	TBD
	3.75	RESIDENTIAL	7	19	TBD



TABLE 8D-1

Structures Within 50 Feet of the AIM Pipeline Construction Work Areas

Location, Facility	MP	Type of Structures	Distance (Feet)		Mitigation <u>a/</u>
			Distance from Edge of Workspace	Distance from Pipeline Centerline	
	3.76	RESIDENTIAL	8	22	TBD
	3.77	RESIDENTIAL	12	57	TBD
	3.78	RESIDENTIAL	4	19	TBD
	3.79	RESIDENTIAL	6	21	TBD
	3.80	RESIDENTIAL	6	21	TBD
	3.81	RESIDENTIAL	10	53	TBD
	3.81	RESIDENTIAL	> 1	17	TBD
	3.83	RESIDENTIAL	29	41	TBD
	3.84	RESIDENTIAL	26	41	TBD
	3.84	RESIDENTIAL	19	59	TBD
	3.84	RESIDENTIAL	29	41	TBD
	3.86	RESIDENTIAL	15	25	TBD
	3.86	RESIDENTIAL	10	54	TBD
	3.88	RESIDENTIAL	12	56	TBD
	3.90	RESIDENTIAL	14	60	TBD
	3.90	RESIDENTIAL	13	26	TBD
	3.91	RESIDENTIAL	21	63	TBD
	3.92	RESIDENTIAL	23	65	TBD
	3.92	RESIDENTIAL	6	21	TBD
	3.92	RESIDENTIAL	18	62	TBD
	3.93	RESIDENTIAL	> 1	14	TBD
	3.93	RESIDENTIAL	13	58	TBD
	3.93	RESIDENTIAL	5	19	TBD
	3.95	RESIDENTIAL	5	49	TBD
	3.95	RESIDENTIAL	4	17	TBD
	3.96	RESIDENTIAL	8	22	TBD
	3.97	RESIDENTIAL	6	20	TBD
	4.01	RESIDENTIAL	17	55	TBD
	4.04	RESIDENTIAL	14	54	TBD
	4.07	RESIDENTIAL	20	51	TBD
	4.08	RESIDENTIAL	10	35	TBD
	4.09	RESIDENTIAL	19	40	TBD
	4.11	RESIDENTIAL	44	66	TBD
	4.13	RESIDENTIAL	15	40	TBD
	4.14	RESIDENTIAL	5	30	TBD
	4.26	RESIDENTIAL	8	88	TBD
	4.28	RESIDENTIAL	33	157	TBD
	4.30	COMMERCIAL	20	79	TBD
	4.31	RESIDENTIAL	32	59	TBD
	4.33	COMMERCIAL	3	35	TBD
	4.34	COMMERCIAL	3	32	TBD
	4.37	RESIDENTIAL	20	49	TBD
	4.37	RESIDENTIAL	21	50	TBD

TABLE 8D-1

Structures Within 50 Feet of the AIM Pipeline Construction Work Areas

Location, Facility	MP	Type of Structures	Distance (Feet)		Mitigation <u>a/</u>
			Distance from Edge of Workspace	Distance from Pipeline Centerline	
	4.38	RESIDENTIAL	26	55	TBD
	4.38	RESIDENTIAL	17	35	TBD
	4.39	RESIDENTIAL	17	34	TBD
	4.40	RESIDENTIAL	30	60	TBD
	4.40	RESIDENTIAL	12	29	TBD
	4.41	RESIDENTIAL	28	44	TBD
	4.42	RESIDENTIAL	3	34	TBD
	4.43	RESIDENTIAL	4	35	TBD
	4.43	RESIDENTIAL	27	42	TBD
	4.43	RESIDENTIAL	10	40	TBD
	4.44	RESIDENTIAL	45	60	TBD
	4.44	RESIDENTIAL	8	39	TBD
	4.45	RESIDENTIAL	19	35	TBD
	4.45	RESIDENTIAL	9	40	TBD
	4.45	RESIDENTIAL	23	40	TBD
	4.46	RESIDENTIAL	7	35	TBD
	4.47	RESIDENTIAL	26	44	TBD
	4.48	RESIDENTIAL	24	48	TBD
	4.48	RESIDENTIAL	14	31	TBD
	4.49	RESIDENTIAL	10	33	TBD
	4.49	RESIDENTIAL	13	30	TBD
	4.50	RESIDENTIAL	24	40	TBD
	4.51	RESIDENTIAL	14	39	TBD
	4.52	RESIDENTIAL	10	27	TBD
	4.52	RESIDENTIAL	24	49	TBD
	4.53	RESIDENTIAL	6	30	TBD
	4.53	RESIDENTIAL	22	40	TBD
	4.56	RESIDENTIAL	11	28	TBD
	4.57	RESIDENTIAL	29	55	TBD
	4.58	RESIDENTIAL	11	25	TBD
	4.58	RESIDENTIAL	5	33	TBD
	4.58	RESIDENTIAL	14	29	TBD
	4.58	RESIDENTIAL	9	36	TBD
	4.59	RESIDENTIAL	20	37	TBD
	4.60	RESIDENTIAL	3	29	TBD
	4.60	RESIDENTIAL	18	38	TBD
	4.61	RESIDENTIAL	21	41	TBD
	4.62	RESIDENTIAL	14	39	TBD
	4.62	RESIDENTIAL	19	38	TBD
	4.63	RESIDENTIAL	23	47	TBD
	4.64	RESIDENTIAL	25	49	TBD
	4.64	RESIDENTIAL	35	52	TBD
	4.65	RESIDENTIAL	14	29	TBD



TABLE 8D-1

Structures Within 50 Feet of the AIM Pipeline Construction Work Areas

Location, Facility	MP	Type of Structures	Distance (Feet)		Mitigation <u>a/</u>
			Distance from Edge of Workspace	Distance from Pipeline Centerline	
	4.66	RESIDENTIAL	7	24	TBD
	4.68	RESIDENTIAL	9	26	TBD
	4.69	RESIDENTIAL	20	37	TBD
	4.70	RESIDENTIAL	9	25	TBD
	4.71	RESIDENTIAL	2	18	TBD
	4.73	RESIDENTIAL	32	64	TBD
	4.73	RESIDENTIAL	11	24	TBD
	4.75	RESIDENTIAL	14	28	TBD
	4.75	RESIDENTIAL	18	32	TBD
	4.77	RESIDENTIAL	24	40	TBD
	4.78	RESIDENTIAL	24	39	TBD
	4.79	RESIDENTIAL	22	36	TBD
	4.80	RESIDENTIAL	20	30	TBD
	4.81	RESIDENTIAL	15	28	TBD
	4.82	RESIDENTIAL	23	36	TBD
	4.83	RESIDENTIAL	18	36	TBD
	4.84	RESIDENTIAL	14	41	TBD
	4.84	RESIDENTIAL	13	30	TBD
	4.86	RESIDENTIAL	12	21	TBD
	4.86	RESIDENTIAL	24	61	TBD
	4.87	RESIDENTIAL	25	30	TBD
	4.88	RESIDENTIAL	4	16	TBD
	4.88	RESIDENTIAL	24	64	TBD
	4.89	RESIDENTIAL	25	64	TBD
	4.90	RESIDENTIAL	35	75	TBD
	4.91	RESIDENTIAL	34	46	TBD
	4.92	RESIDENTIAL	2	23	TBD
	4.95	COMMERCIAL	21	52	TBD
	4.99	COMMERCIAL	4	186	TBD
	5.00	COMMERCIAL	6	146	TBD
	5.01	RESIDENTIAL	15	168	TBD
	5.02	MIXED	23	227	TBD

a/ Mitigation to include:

- A: Avoid removal of mature trees, immediately restore all lawn areas after backfilling trench, fence construction work area throughout the open fence phase of construction;
- B: Use [TBD] construction techniques;
- C: Fence the edge of the ROW in accordance with landowner agreements;
- D: Restore pavement and sidewalk following pipe installation, backfill to road construction standards
- E: Site-specific residential detail plan

b/ Structure information has not been provided between MP 2.62 and MP 4.94 - Hudson River Study Area

TABLE 8D-2

**Planned Residential and Commercial Areas within 0.25 mile of the AIM Project**

<b>State, County, Municipality</b>	<b>MP @/</b>	<b>Planned Project/Area, Description, Timing</b>
<b>New York</b>		
<u>Rockland County</u>		
Haverstraw	0.55	<b>Highgate Estates FM# 3727</b> – Residential development/subdivision with empty lots for sale; no current construction. Site is located east/southeast of the AIM pipeline between MP 0.0 - MP 0.96.
Stony Point	1.98	<b>Carlton Park FM #7742</b> – Residential development/subdivision ; ongoing construction. Site is located northwest of the AIM pipeline.
Stony Point	1.98	<b>Jessup Valley North FM #7991</b> – Residential development/subdivision; no current construction. Developer has applied for re-subdivision of lots; no decision yet. Site is located southeast of the AIM pipeline.
Stony Point	1.98	<b>Jessup Valley FM # 7574</b> – Residential development/subdivision; no current construction. Developer has applied for re-subdivision of lots into "Jessup Ridge". Site is located southeast of the AIM pipeline.
Stony Point	1.98	<b>Stony Ridge Estates FM #7378</b> – Residential development/subdivision; no current construction. Site is located northwest of the AIM pipeline.
Stony Point	3.0	<b>Tax ID 14.04 -1-12</b> – Historic designated schoolhouse; ongoing construction and renovation; owned by the Town of Stony Point.
Stony Point	3.2	<b>Laur-Ann Estates FM # 5959 and 6485</b> – Residential development/ subdivision; construction on one or two of the remaining lots may begin soon.
Stony Point	2.35	<b>Rising Hills Estates FM #7197</b> – Residential development/ subdivision; no current construction. Site is located between MP 2.0 and 2.5.
Stony Point	2.0	<b>Dunderberg Estates FM #6568 and 7159</b> – Residential development/subdivision; no current construction. Site is located E/S of AIM pipeline.
<u>Westchester County</u>		
City of Peekskill	5.25	<b>Waste Transfer Facility</b> – Per Mr. John Lynch of the City of Peekskill Planning Dept., a Waste Transfer Facility is planned by Kmmkm, Ltd. Once the facility is completed, waste will be downloaded from trucks to railcars. Owner has yet to commence construction of the said Transfer facility. It has been approved by the Planning Board of the City of Peekskill. Site is located along railroad on Tract No. W-136; #WE-02550.
Cortlandt	7.6	<b>Planned Subdivision</b> – Per Asst. Dir. Of Code Enforcement for the Town of Cortlandt, Mr. Ken Hoch, a subdivision has been planned but the owner has failed to qualify to have it approved. Subdivision is located south of Tract #WE-03010.
Cortlandt	9.8	<b>Three-lot Subdivision</b> – Per Asst. Dir. Of Code Enforcement for the Town of Cortlandt, Mr. Ken Hoch, a small three-lot subdivision has been approved by the Planning Board. Sub-Division is at least 0.25 miles south of the AIM pipeline south of Tract #WE-04430.
Cortlandt	TBD	<b>New Electric Transmission Line Project</b> – West Point Partners proposes to construct an AC/DC converter station on property currently owned by Con Edison in the Hamlet of Verplanck as part of the new electric transmission line project. West Point Partners has filed applications with the New York State Public Service Commission and U.S. Army Corps of Engineers.
Yorktown	11.65	<b>Granite Knolls Park</b> – According to Robyn A. Steinberg, Town Planner, Granite Knolls Park, a Town Park dedicated to soccer is presently under construction in close proximity, (within 0.25 miles) of the AIM pipeline on the east side of Stoney Street on Tract #WE-04770.
<b>Connecticut</b>		
<u>Fairfield County</u>		
Danbury	1.8	<b>Prindle Lane Center</b> – Proposed new office building, restaurant and hotel.
<u>New London County</u>		



TABLE 8D-2

**Planned Residential and Commercial Areas within 0.25 mile of the AIM Project**

<b>State, County, Municipality</b>	<b>MP <sup>a/</sup></b>	<b>Planned Project/Area, Description, Timing</b>
<i>Montville</i>	1.0	<b>Access Easement/Driveway</b> – Improvement of existing driveway for access to Cohegan Rock for the Mohegan Tribe of Indians of Connecticut.
<i>Lebanon</i>	3.07	<b>Agricultural Field Reclamation/Pond Construction</b> – 4 phase reclamation and pond construction on James Grover property.
<i>Franklin</i>	6.6	<b>Franklin Hills Estates and Country Club</b> – Country Club and Golf Course/Houses.
<i>Franklin</i>	8.17	<b>395/2 Flex Center 6,600 sq. ft. multi-use commercial building</b> – The construction of a multi-purpose commercial building and related site improvements on condominium Unit 2 of subject parcel.
<u>New Haven County</u>		
<i>Guilford (Guilford M&amp;R Station)</i>	N/A	<b>Residential Units</b> – Planned Revision.
<i>Guilford (Guilford M&amp;R Station)</i>	N/A	<b>Retail Store with Apartments Above</b> – Planned Revision.
<i>Guilford (Guilford M&amp;R Station)</i>	N/A	<b>Retail</b> – Planned Retail Store with 12 apartments to the rear of the building.
<i>Guilford (Guilford M&amp;R Station)</i>	N/A	<b>Retail</b> – Planned Retail with nine (9) condo units and an office building on the side.
<b>Massachusetts</b>		
<u>Bristol County</u>		
<i>Freetown (Assonet M&amp;R Station)</i>	N/A	<b>New MBTA Station</b> – A proposed MBTA Station to be located at 181 South Main Street in Freetown in immediate proximity to the Assonet Meter Station on parcels 233-023, 233-025 & 233-024. On 9/16/2013, the USACE released the final Environmental Impact Report with generally favorable findings.
<i>Freetown (Assonet M&amp;R Station)</i>	N/A	<b>Interstate Waste Technology Co. Operating Facility</b> – A high temperature gasifier facility to be located approximately 1/4 mile southwest of the Assonet Meter Station in Freetown. Interstate Waste Technology Co. proposes manufacturing alternative fuels (methanol, etc.) from salt, copper alloy, and other like materials. They have held an informal meeting with the planning board, although no formal application has been submitted as of 9/27/2013 and no public hearing has been held. The site is located in on parcel ID 233-030 on a site known locally as the Churchill & Banks parcel.
<u>Norfolk County</u>		
<i>Dedham</i>	2.5	<b>New 4-story mixed use Development</b> – 333 East Street/410 Providence Highway Assessor Map 93 Lots 22 & 23 has “combined” Lot 22. Construction to include erection of a new 4-story mixed use development consisting of commercial on the 1st level. The 2nd, 3rd and 4th levels are to contain fourteen (14) one bedroom units.
<u>Suffolk County</u>		
<i>City of Boston (West Roxbury)</i>	3.6	<b>New 3-story Residential Development</b> – To be located at 5165 Washington Street on the north side of the street, approx. 300' east of the intersection of Washington & Grove Street / 300' east of MP 3.6. Proposal calls for the construction of a 27,000 sq. ft. building comprised of 20 residential units in a 3-story structure and 32 parking spaces. Status: Board Approved as of 9/5/13.
<sup>a/</sup> Approximate location of the planned area in relation to the pipeline.		

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## **APPENDIX 8E**

### **Individual Residential Construction Plans**

**(NOTE: Not Included in this Draft]**



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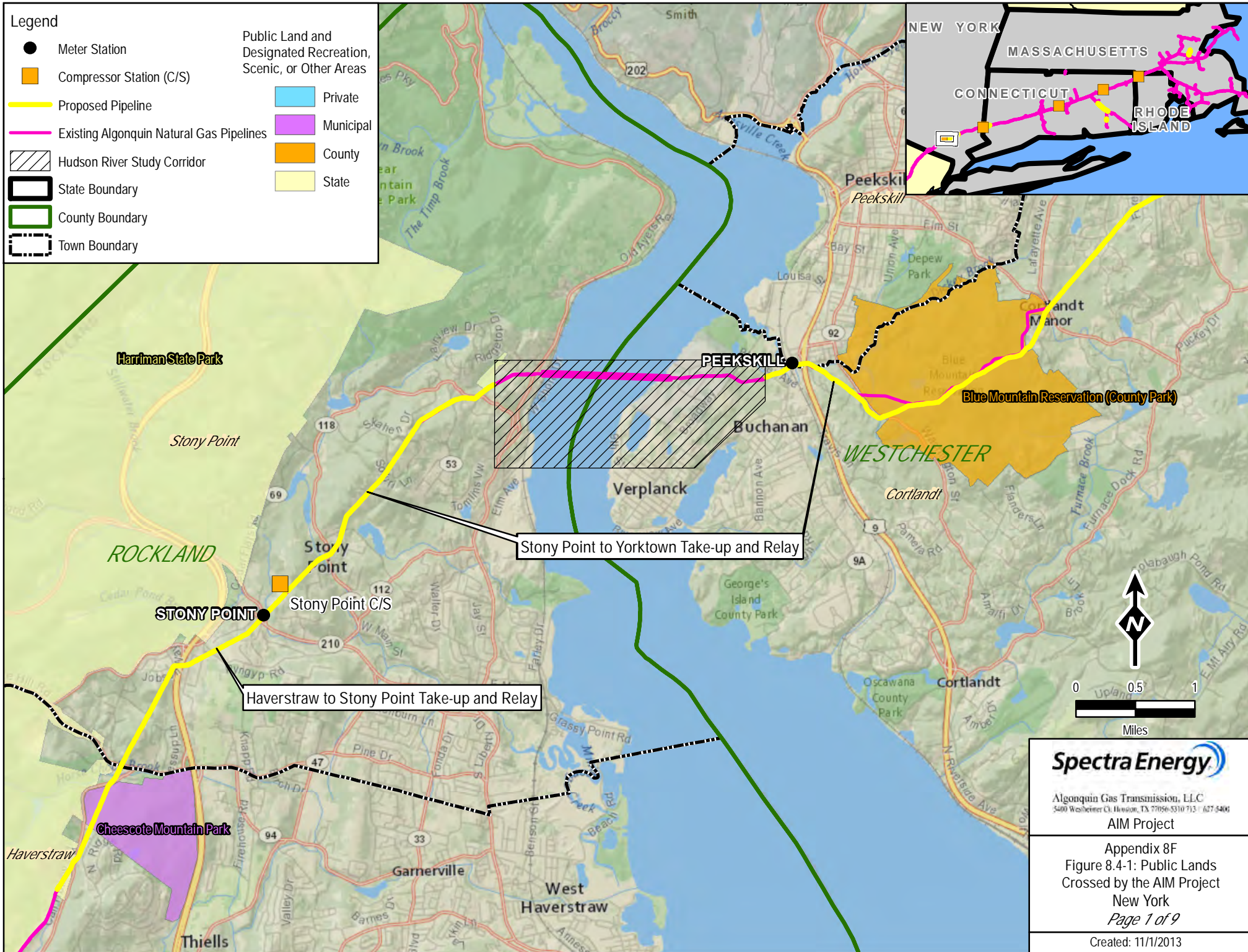
## APPENDIX 8F

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### Figure 8.4-1: Public Lands Crossed by the Aim Project

# Legend

- Meter Station
- Compressor Station (C/S)
- Proposed Pipeline
- Existing Algonquin Natural Gas Pipelines
- ▨ Hudson River Study Corridor
- ▭ State Boundary
- ▭ County Boundary
- - - Town Boundary
- Public Land and Designated Recreation, Scenic, or Other Areas
- ▭ Private
- ▭ Municipal
- ▭ County
- ▭ State



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AIM Project

Appendix 8F  
Figure 8.4-1: Public Lands  
Crossed by the AIM Project  
New York

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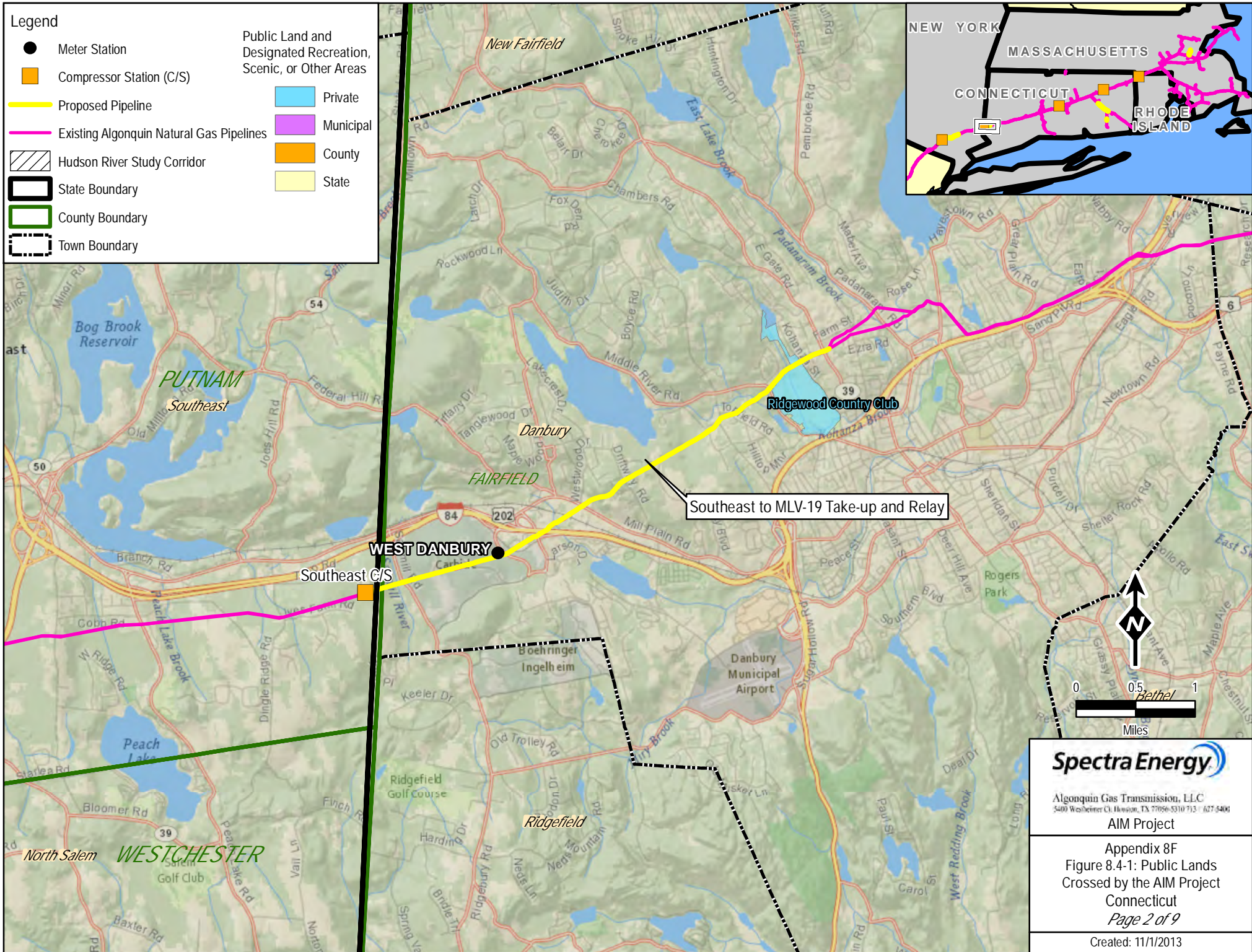
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# Legend

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Appendix 8F  
Figure 8.4-1: Public Lands  
Crossed by the AIM Project  
Connecticut

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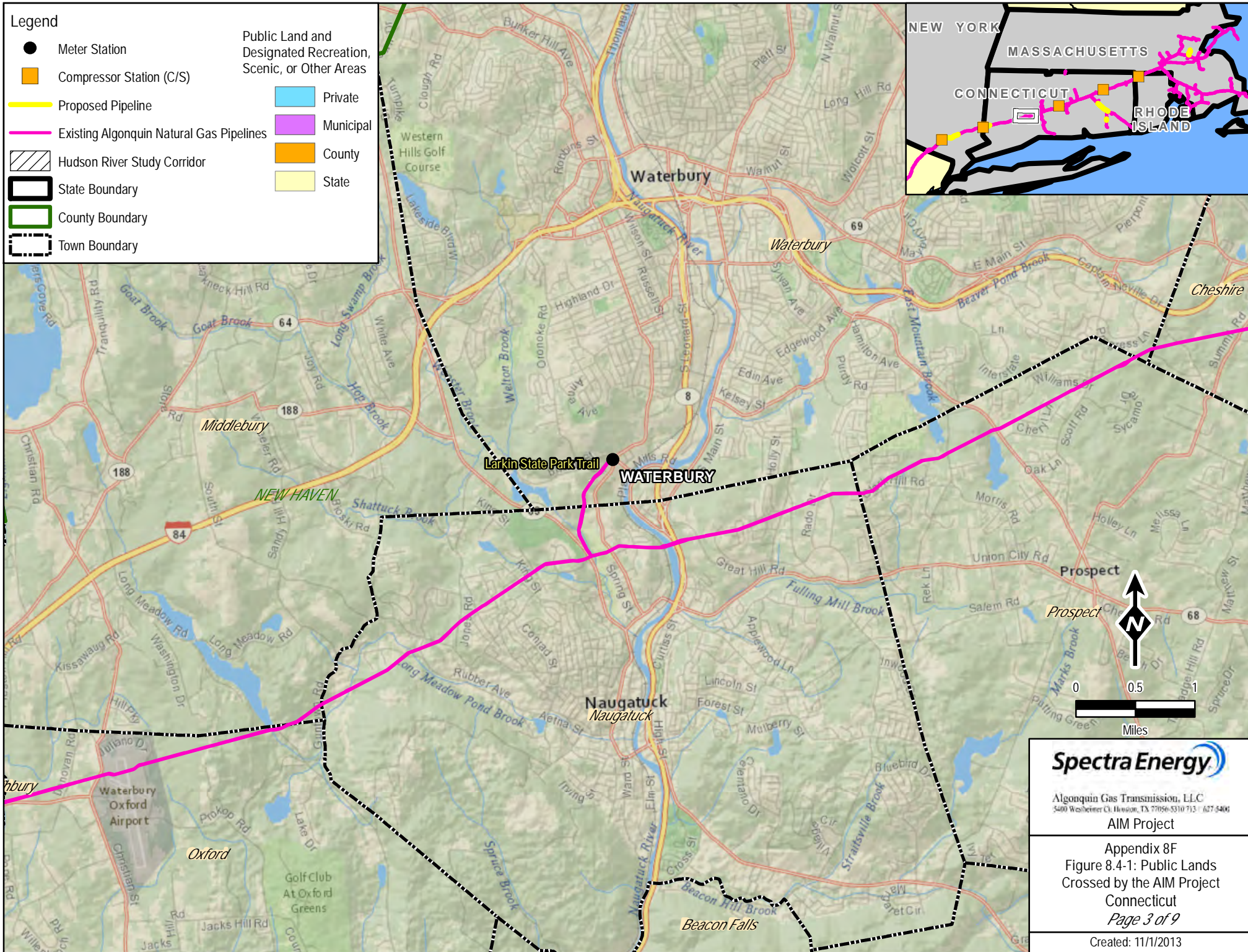
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Appendix 8F  
Figure 8.4-1: Public Lands  
Crossed by the AIM Project  
Connecticut  
Page 3 of 9

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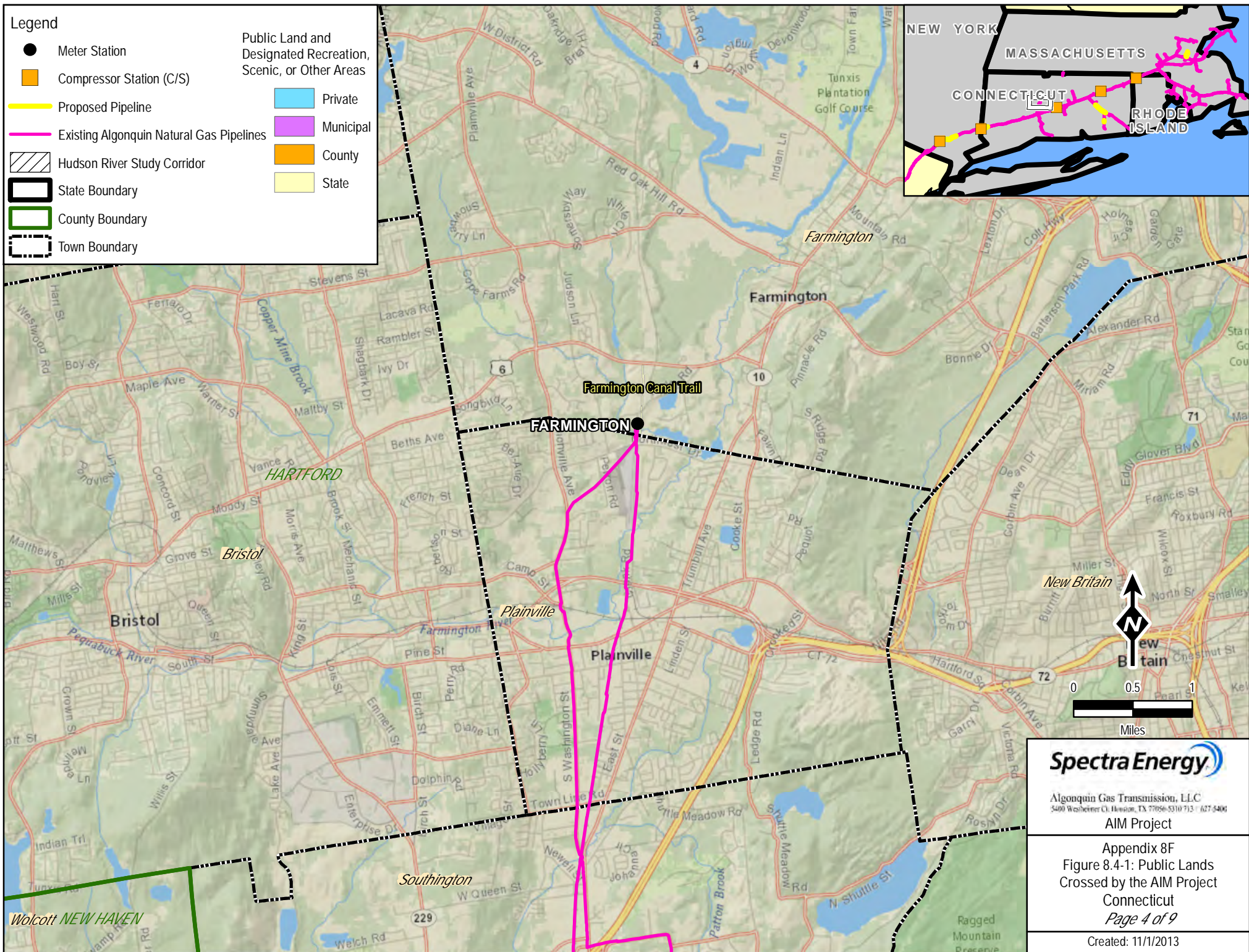
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AIM Project

Appendix 8F  
Figure 8.4-1: Public Lands  
Crossed by the AIM Project  
Connecticut  
Page 4 of 9

Created: 11/1/2013

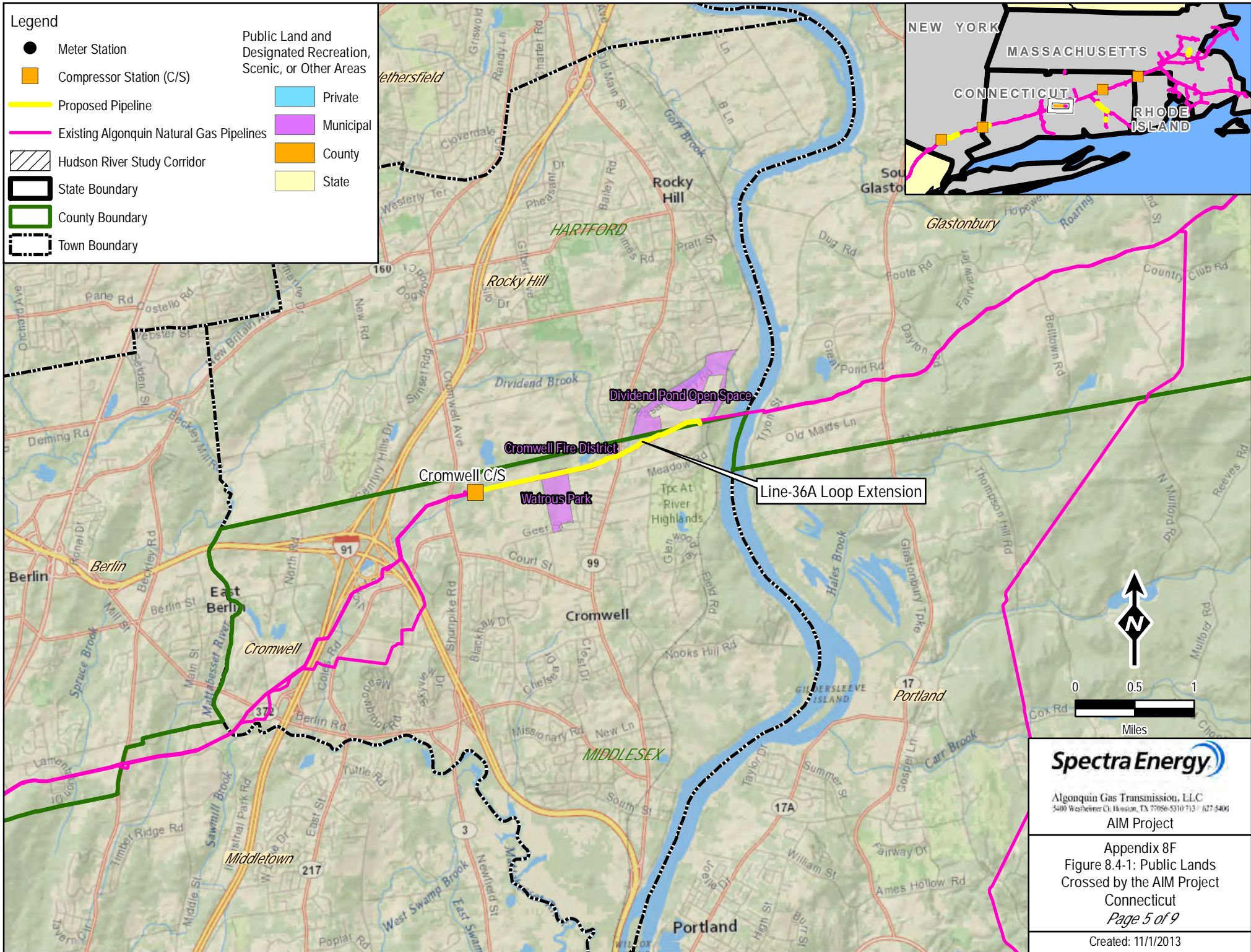
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## Legend

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AIM Project

Appendix 8F  
Figure 8.4-1: Public Lands  
Crossed by the AIM Project  
Connecticut

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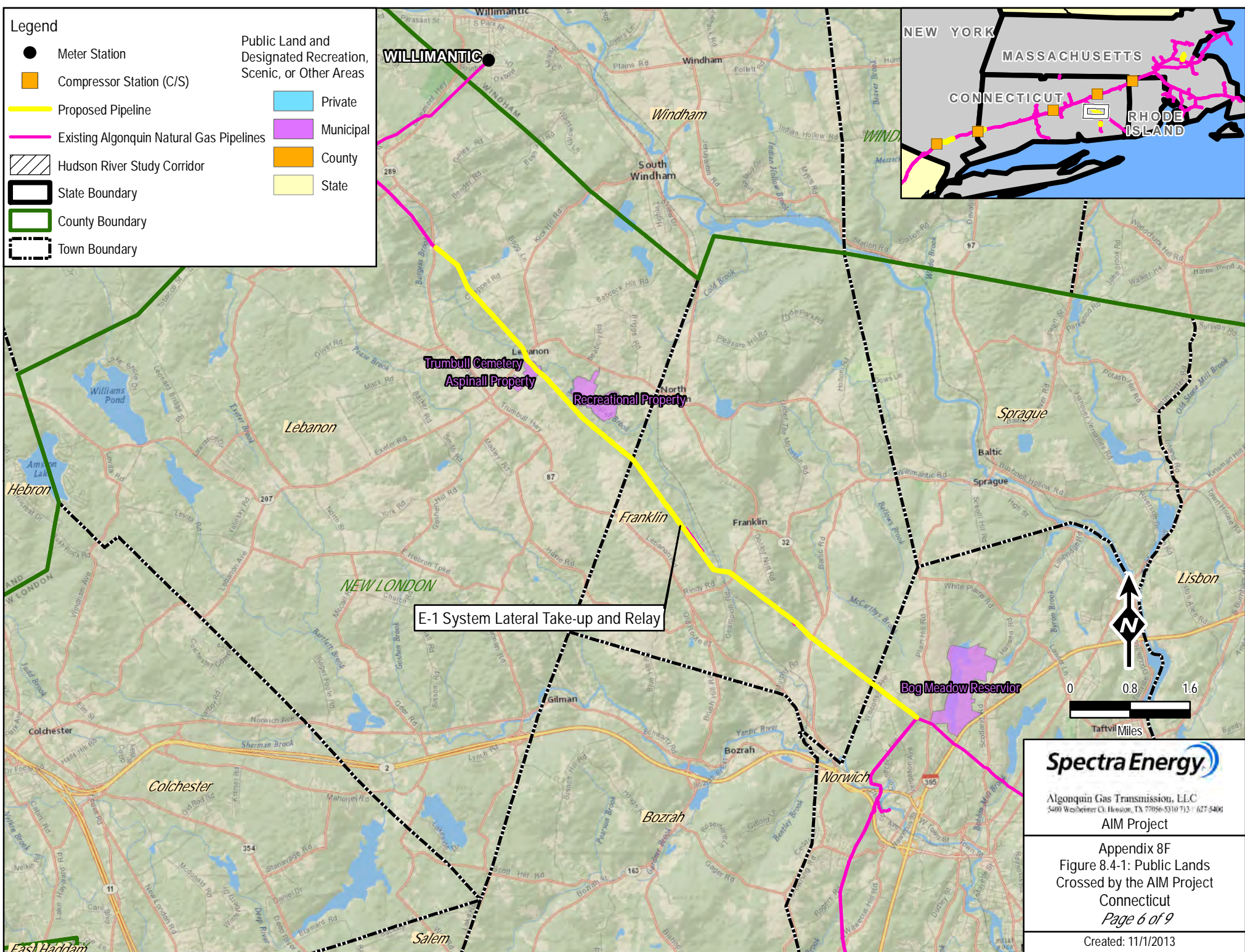
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# Legend

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AIM Project

Appendix 8F  
Figure 8.4-1: Public Lands  
Crossed by the AIM Project  
Connecticut

Page 6 of 9

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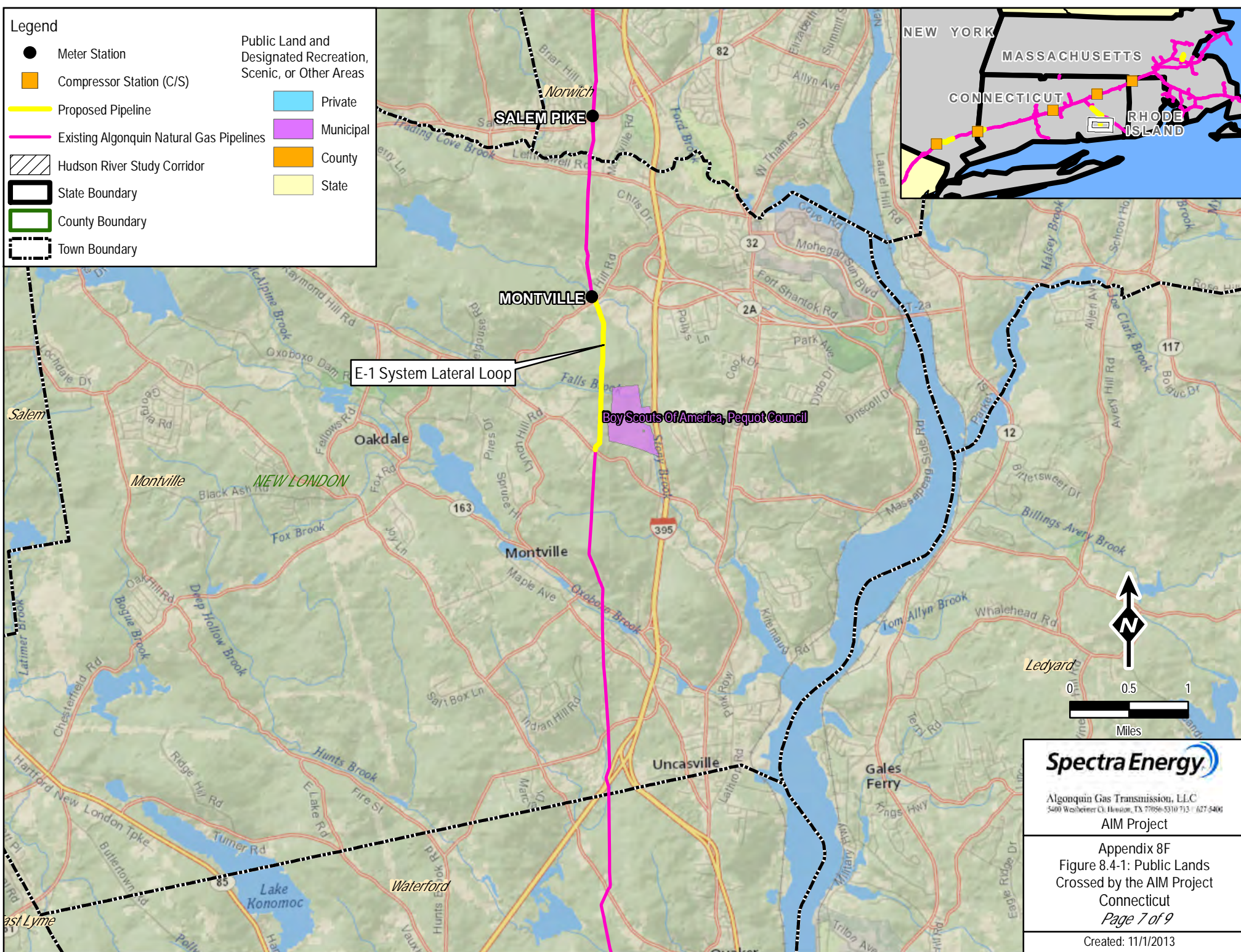
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\\PROJECTS\AUGUSTA\SPECTRA\AIM\Figure 8.4-1 Public Lands.mxd



# Legend

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AIM Project

Appendix 8F

Figure 8.4-1: Public Lands  
Crossed by the AIM Project  
Connecticut

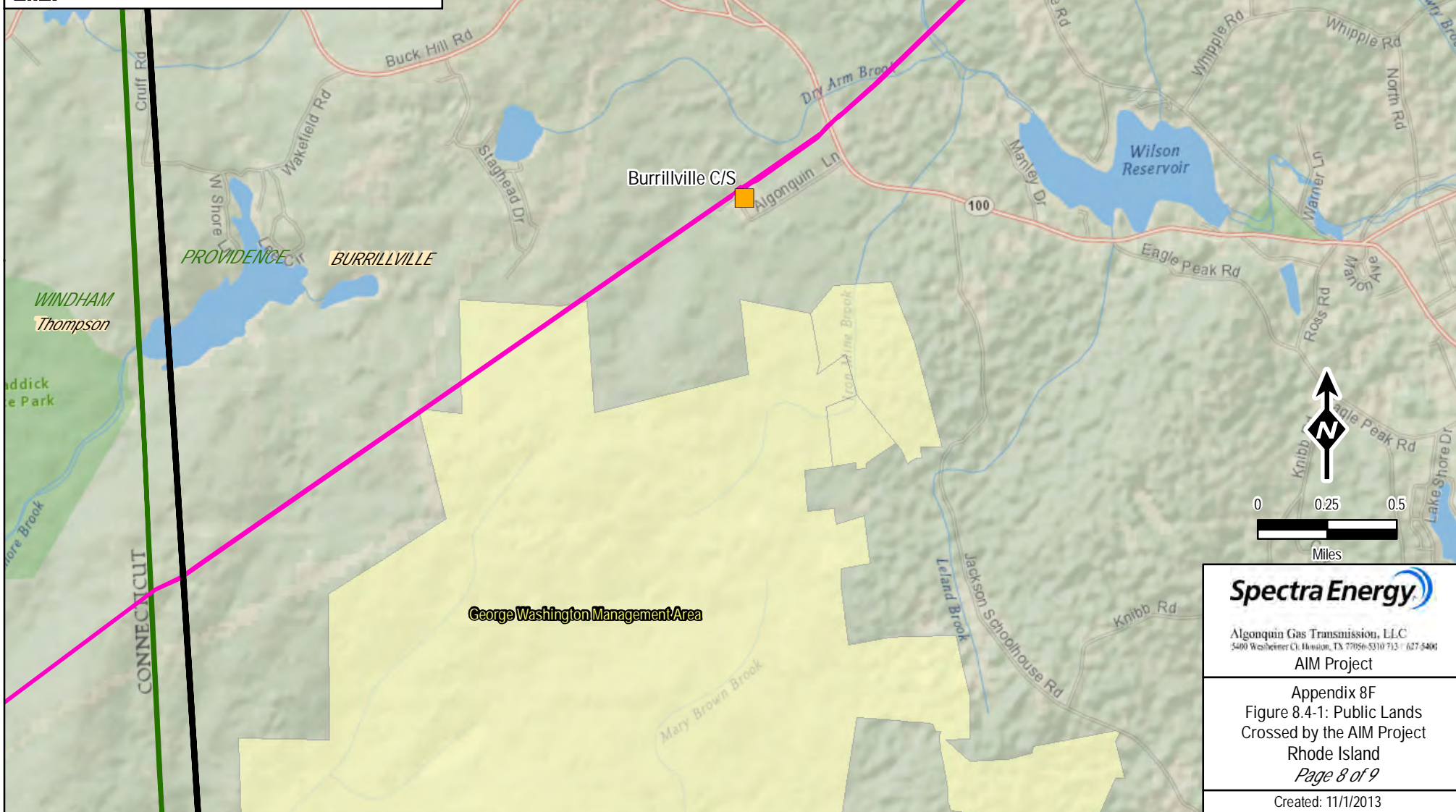
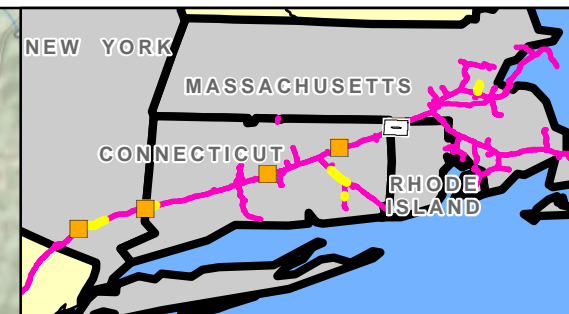
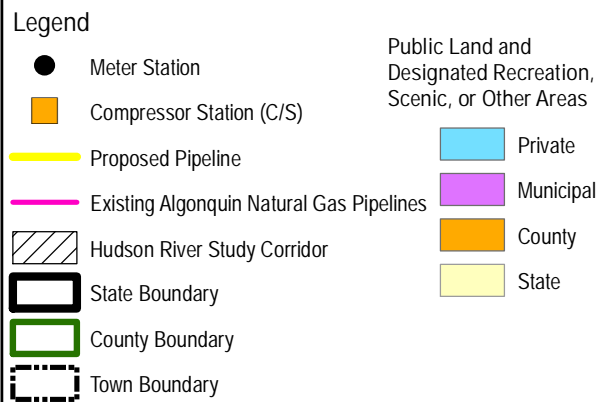
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AIM Project

Appendix 8F  
Figure 8.4-1: Public Lands  
Crossed by the AIM Project  
Rhode Island  
Page 8 of 9

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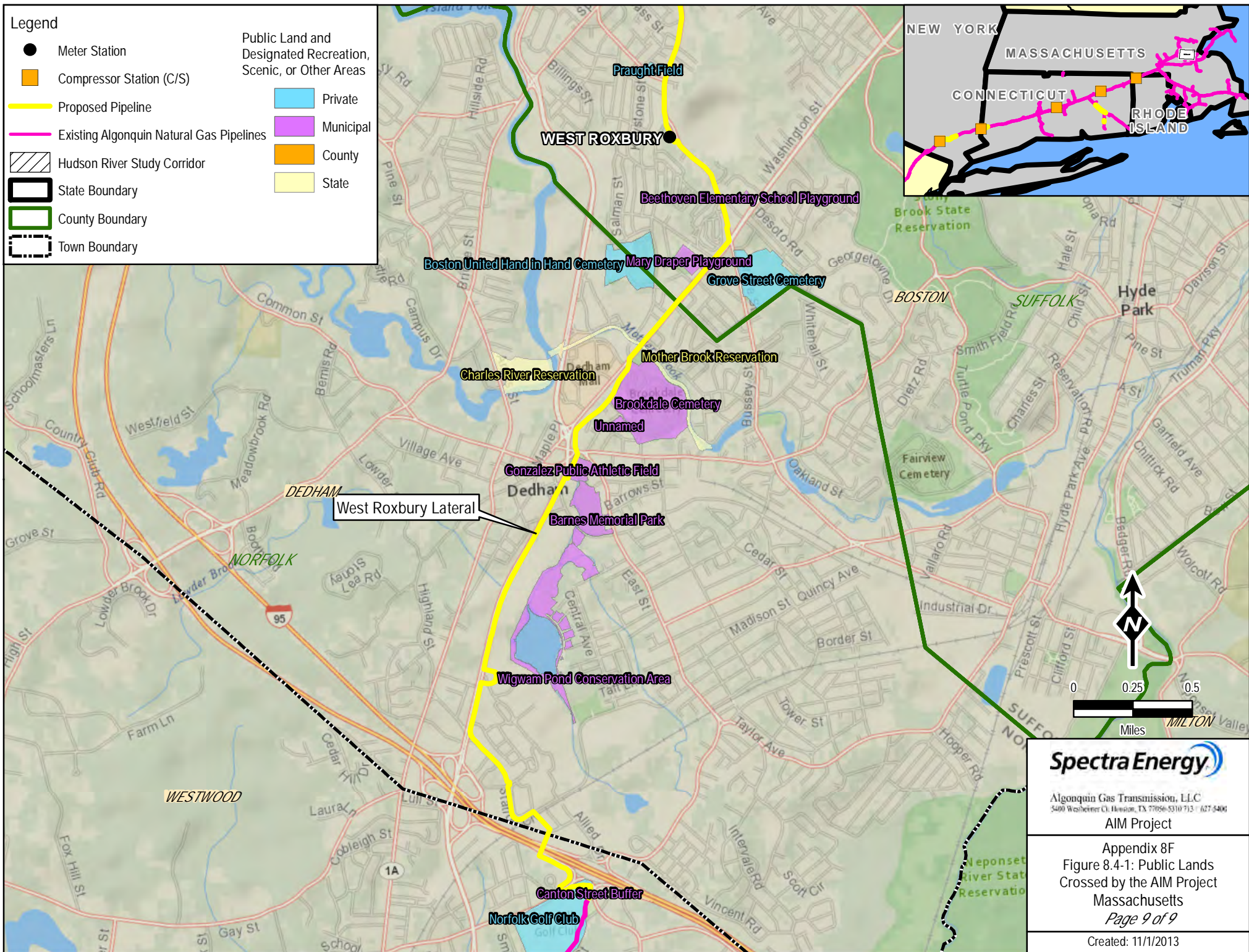
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AIM Project

Appendix 8F  
Figure 8.4-1: Public Lands  
Crossed by the AIM Project  
Massachusetts  
Page 9 of 9

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Data Sources: ESRI, NY GIS, MA GIS, CTDEEP, RI GIS, SPECTRA, TRC

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