

- Legend**
- New 115 kV Transmission Line
  - Existing Transmission Line
  - Existing Power Facility
  - Town Boundary

### Acushnet to Fall River Reliability Project

#### Construction Features Mapping Index

Commonwealth of Massachusetts  
 Bristol County:  
 City of Fall River, Towns of Dartmouth, Freetown



**NOT FOR CONSTRUCTION**

NAD 1983 UTM Zone 18N USFt



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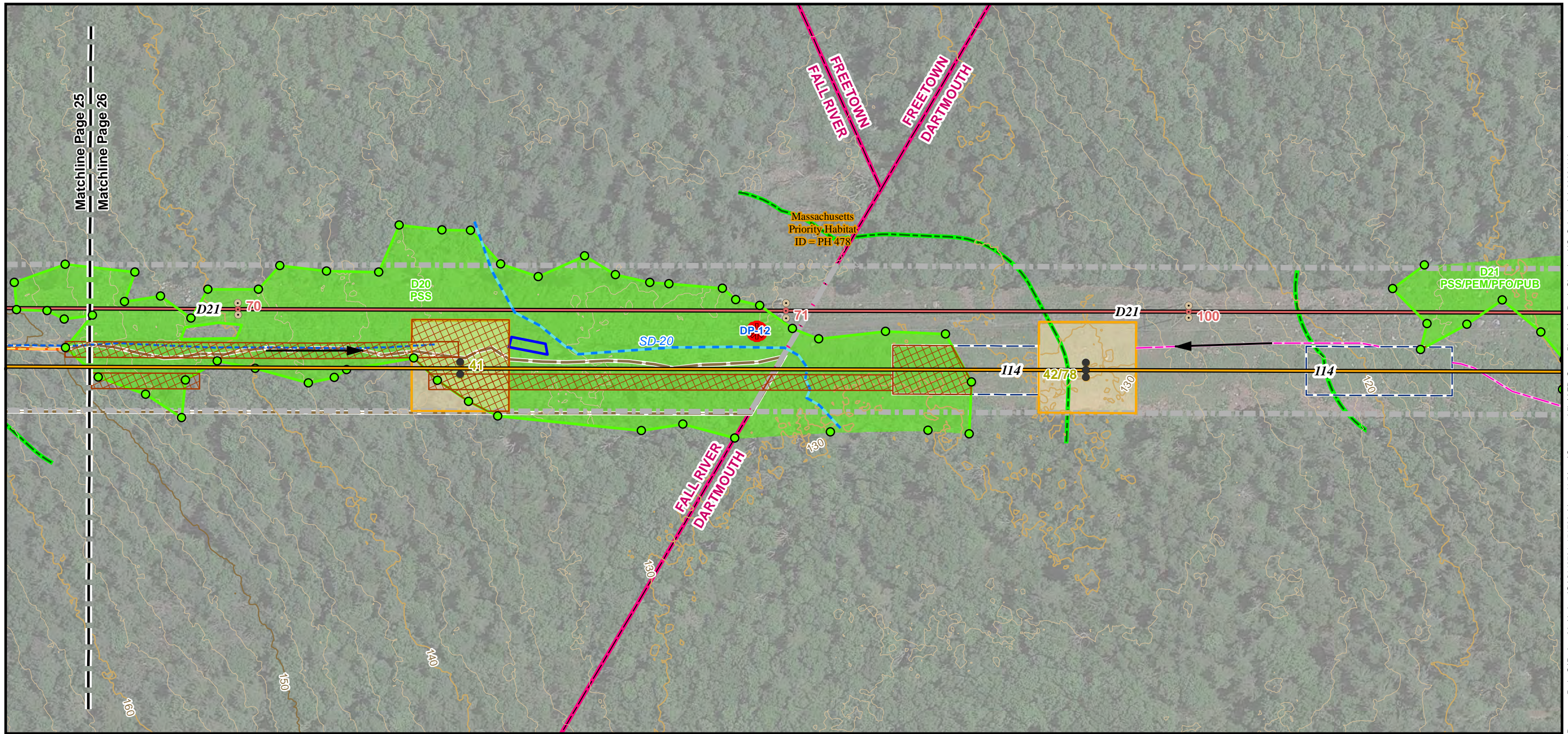
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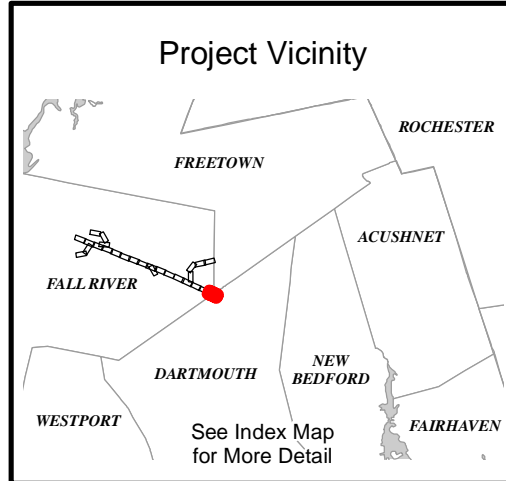
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● Proposed Steel Pole	Limit of Tree Clearing	Existing Right of Way	Field Delineated Wetland
Proposed Transmission Line	Construction Mat	Town Boundary	Confirmed Vernal Pool
Type 1 - Grid Standard Road, grade and scrape per Grid specifications (15-foot and 6-inches either side) and add depth of stone per standard Type 1 specifications.	Work Envelope (Mow Only)*	Field Verified Vernal Pool	Priority Habitats Rare Species (MA-NHESP)
Install New Access Road	Pull Pad Work Envelope (Mow Only)	Intermittent Stream	Index Contour (50' interval)
	Wood Pole	Ditch	Major Contour (10' Interval)
	Existing Structure Center	Wetland Border	Contour (2' Interval)
	Existing Transmission Line	Area of Inundation	
		100 ft Buffer Wetland	
		Wetland Flag	



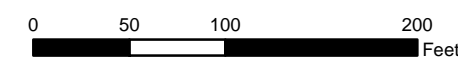
### Acushnet to Fall River Reliability Project

#### Construction Features Mapping

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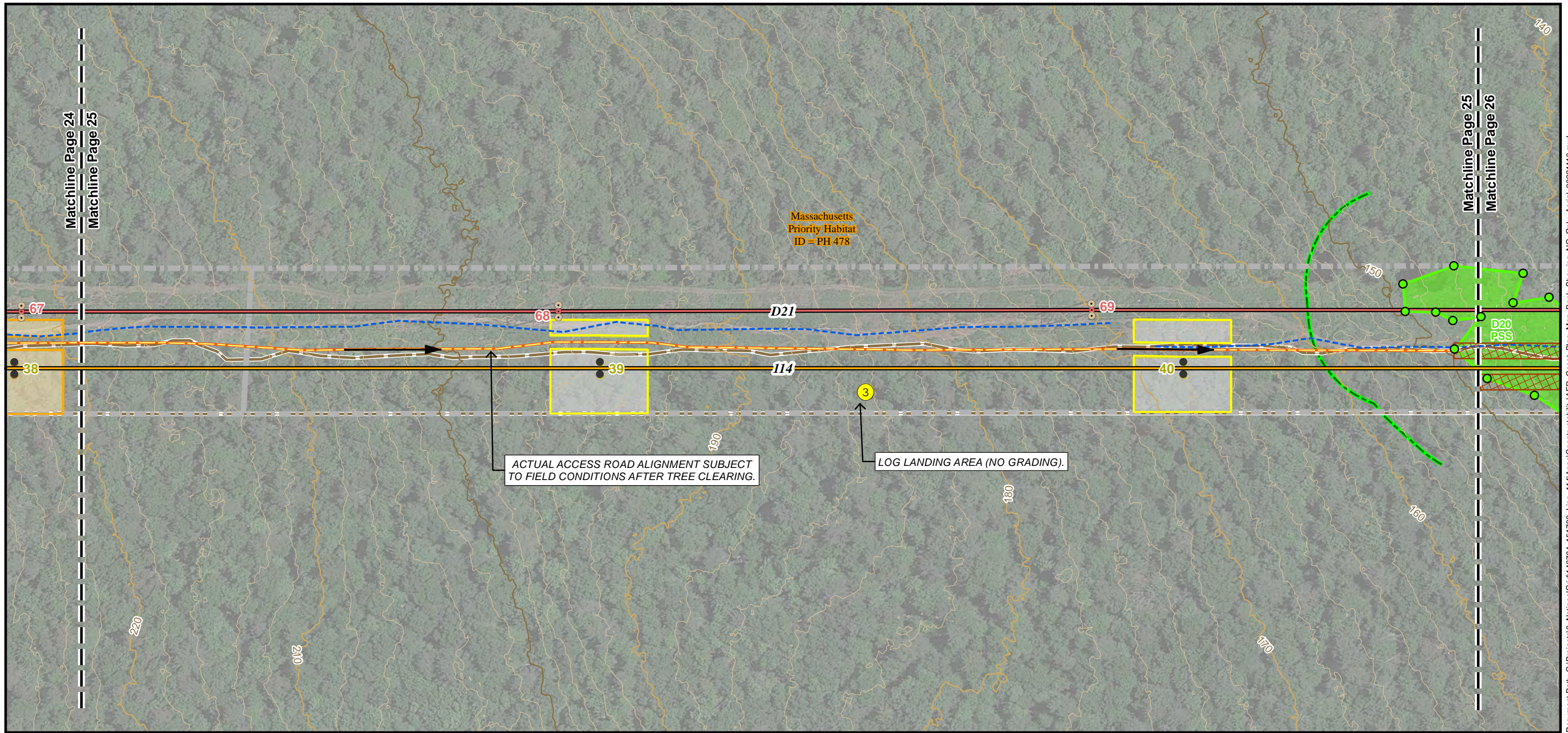
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Commonwealth of Massachusetts  
Bristol County:  
City of Fall River, Towns of Dartmouth and Freetown  
Refer to Index Map & General Notes

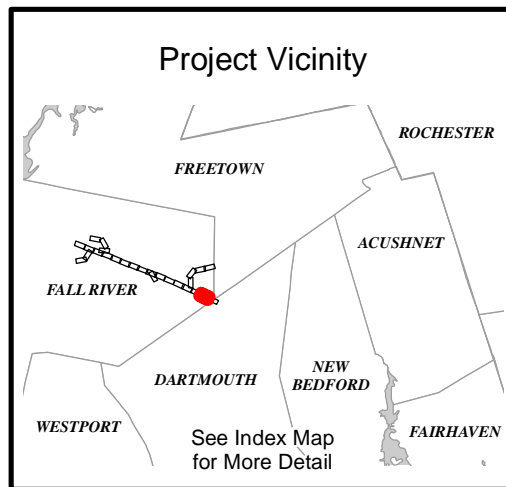




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- |   |                                     |   |                                |
|---|-------------------------------------|---|--------------------------------|
| ● Proposed Steel Pole   | ▭ Limit of Tree Clearing            | ▭ Existing Right of Way                     | ~ Major Contour (10' Interval) |
| — Proposed Transmission Line  | ▭ Construction Mat                  | ~ Ditch                                     | ~ Contour (2' Interval)        |
| ③ Laydown or landing area   | ▭ Work Envelope (Mow Only)*         | ~ Wetland Border                            |                                |
| Type 1 - Grid Standard Road, grade and scrape per Grid specifications (15-foot and 6-inches either side) and add depth of stone per standard Type 1 specifications. | ▭ Work Envelope with Minor Grading* | — 100 ft Buffer Wetland                     |                                |
|   | ● Wood Pole                         | ● Wetland Flag                              |                                |
|   | ● Existing Structure Center         | ▭ Field Delineated Wetland                  |                                |
|   | — Existing Transmission Line        | ▭ Priority Habitats Rare Species (MA-NHESP) |                                |
|   |                                     | ~ Index Contour (50' interval)              |                                |

### Acushnet to Fall River Reliability Project




#### Construction Features Mapping

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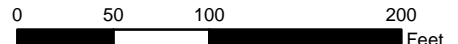
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Commonwealth of Massachusetts  
Bristol County:  
City of Fall River

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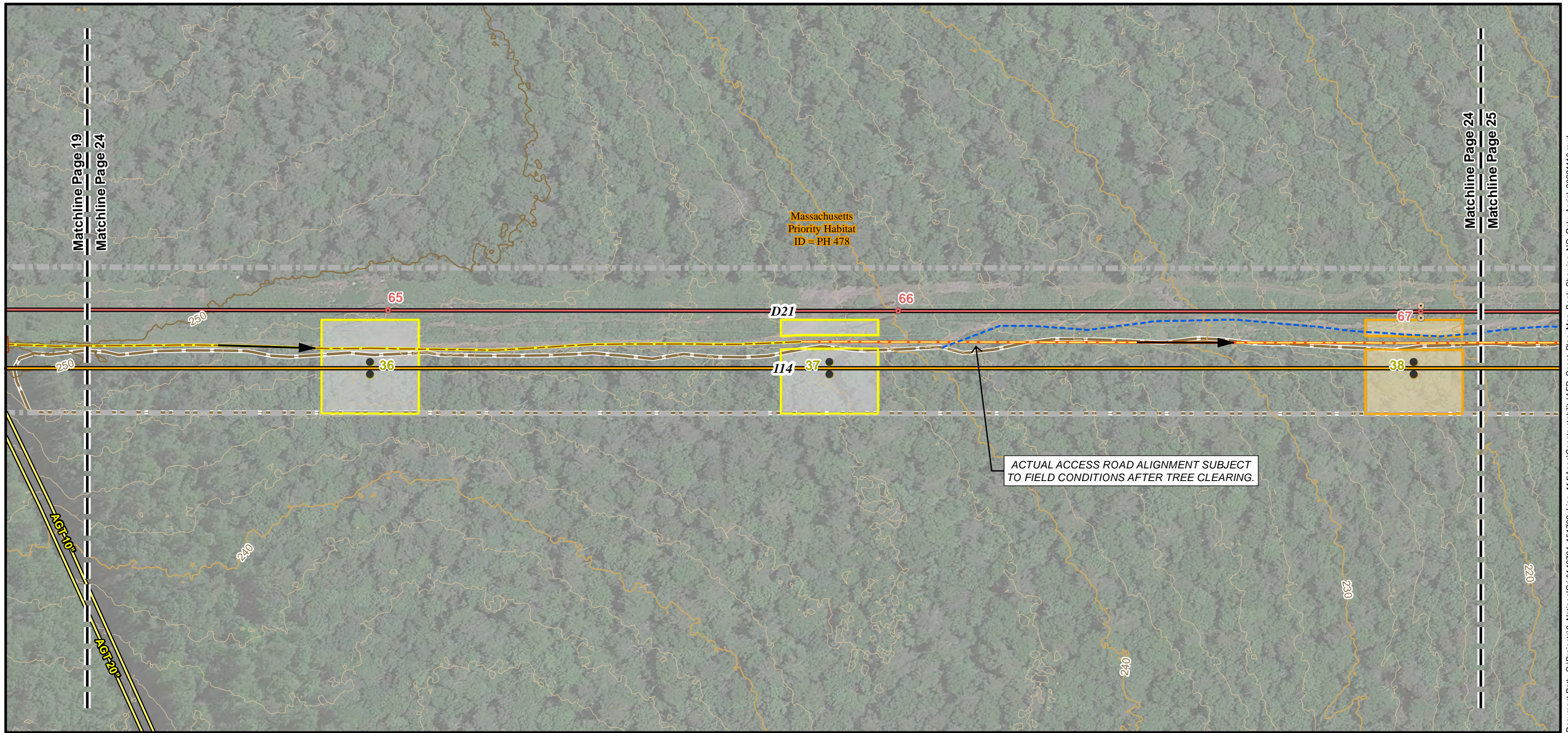




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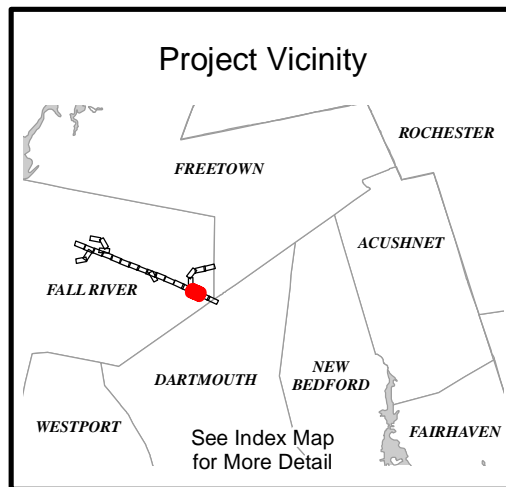


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- |   |                                     |   |
|---|-------------------------------------|---|
| ● Proposed Steel Pole   | ▭ Limit of Tree Clearing            | ▬ Natural Gas Pipeline                      |
| ▬ Proposed Transmission Line  | ▭ Air Bridge                        | ▭ Existing Right of Way                     |
| ▬ Existing Access - No Improvements   | ▭ Work Envelope (Mow Only)*         | ▬ Ditch                                     |
| Type 1 - Grid Standard Road, grade and scrape per Grid specifications (15-foot and 6-inches either side) and add depth of stone per standard Type 1 specifications. | ▭ Work Envelope with Minor Grading* | ▭ Priority Habitats Rare Species (MA-NHESP) |
| ● Wood Pole   | ● Existing Structure Center         | ▬ Index Contour (50' interval)              |
| ▬ Existing Transmission Line  | ▬ Existing Transmission Line        | ▬ Major Contour (10' Interval)              |
|   |                                     | ▬ Contour (2' Interval)                     |

### Acushnet to Fall River Reliability Project

#### Construction Features Mapping

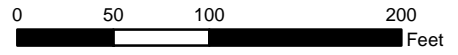
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Commonwealth of Massachusetts

Bristol County:  
City of Fall River

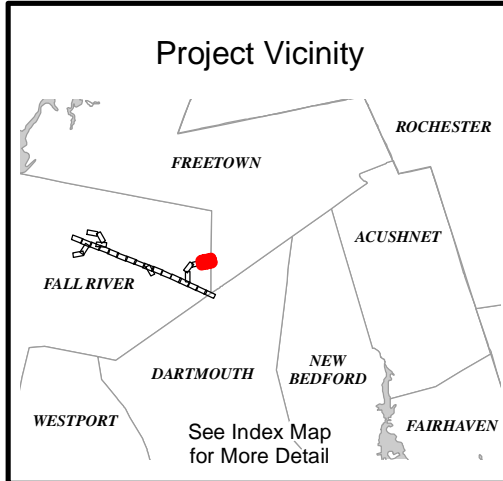
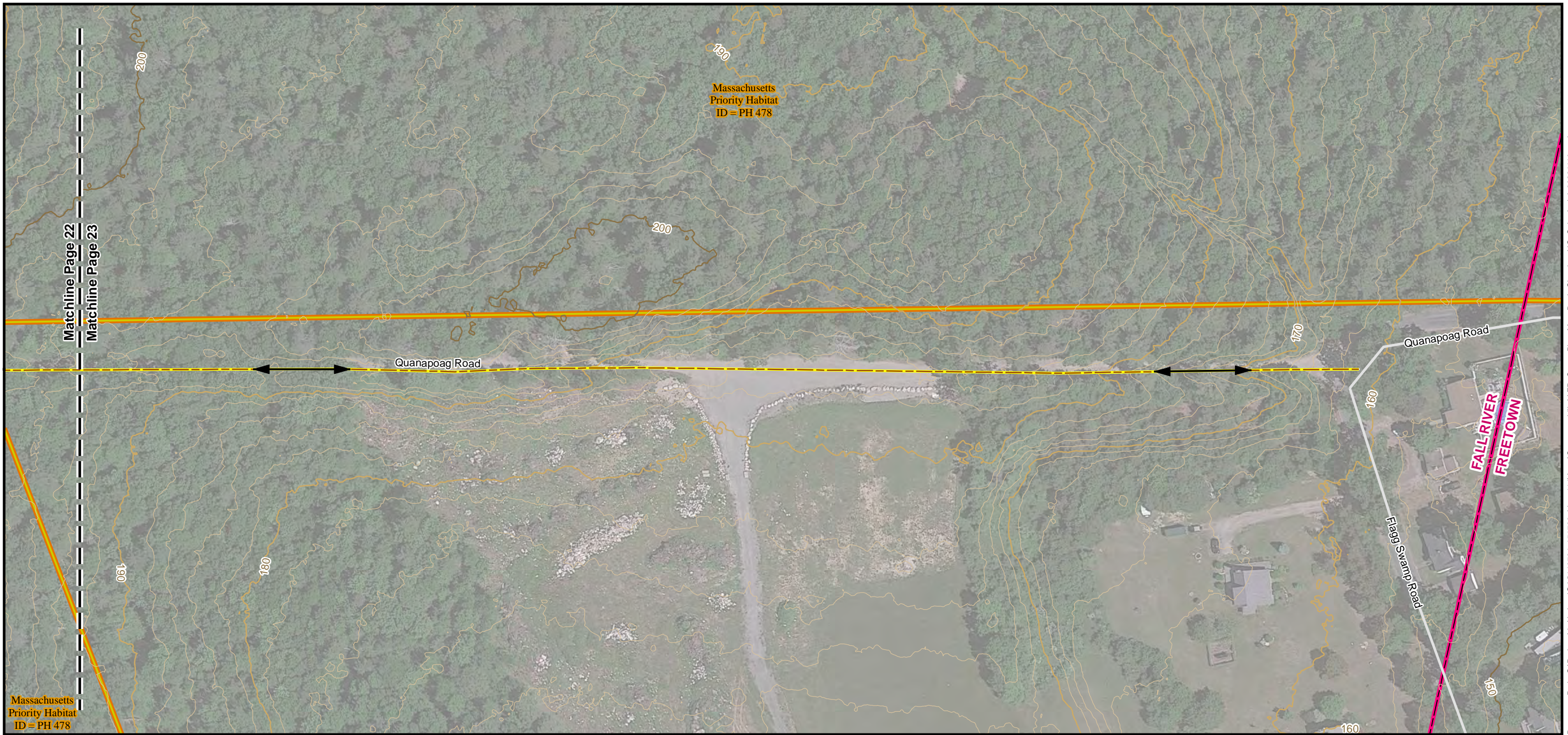
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- Existing Access - No Improvements
- Minor Road
- Town Boundary
- Priority Habitats Rare Species (MA-NHESP)
- Index Contour (50' interval)
- Major Contour (10' Interval)
- Contour (2' Interval)

### Acushnet to Fall River Reliability Project

#### Construction Features Mapping

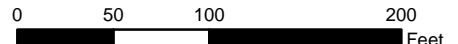
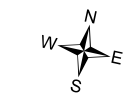
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Commonwealth of Massachusetts

Bristol County:  
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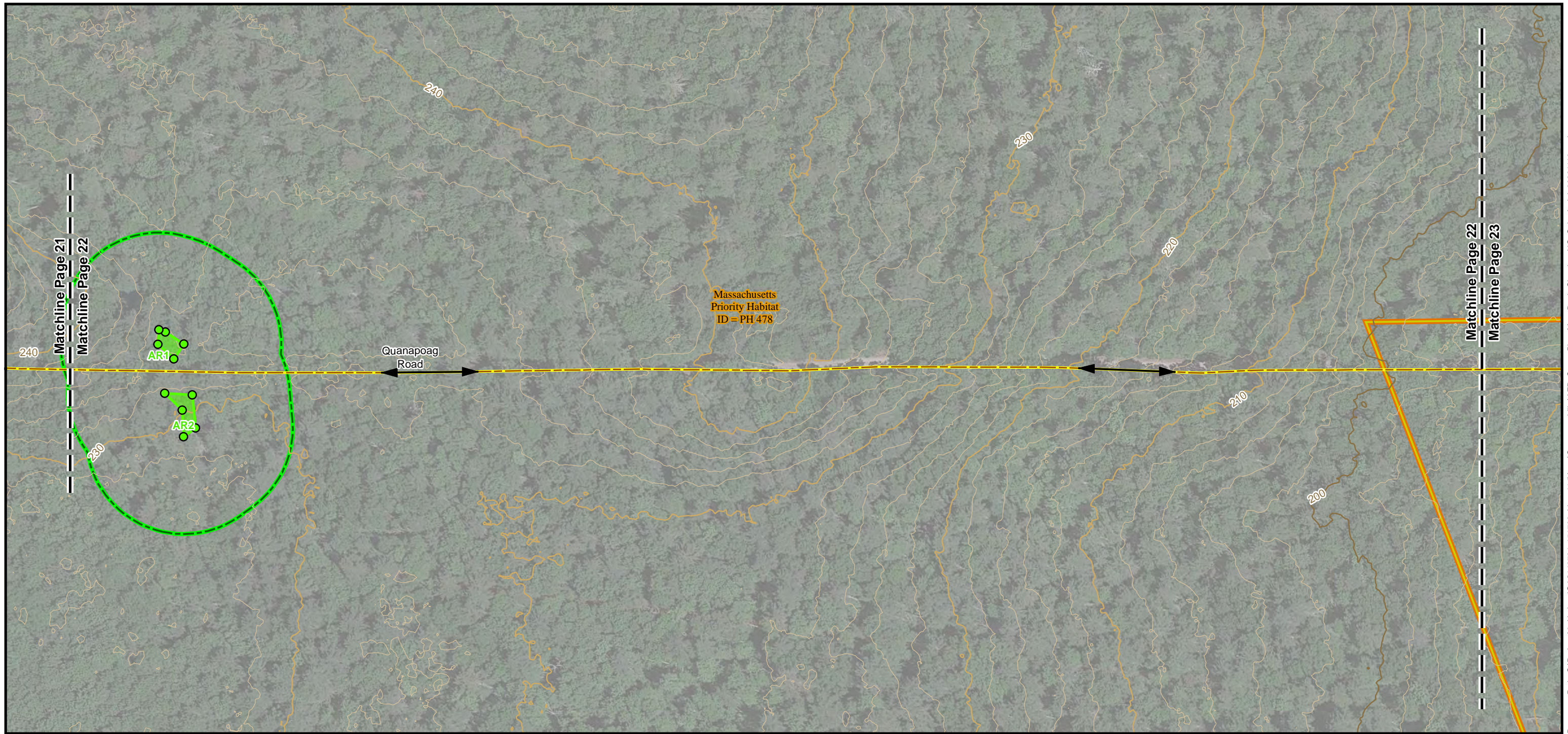


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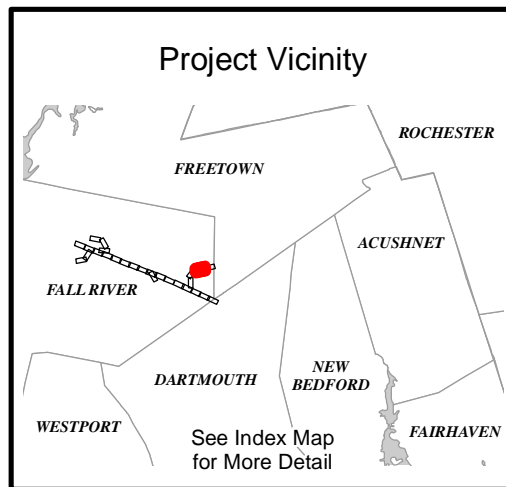
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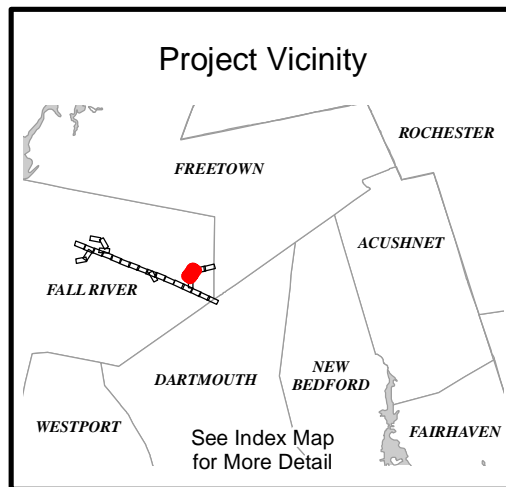
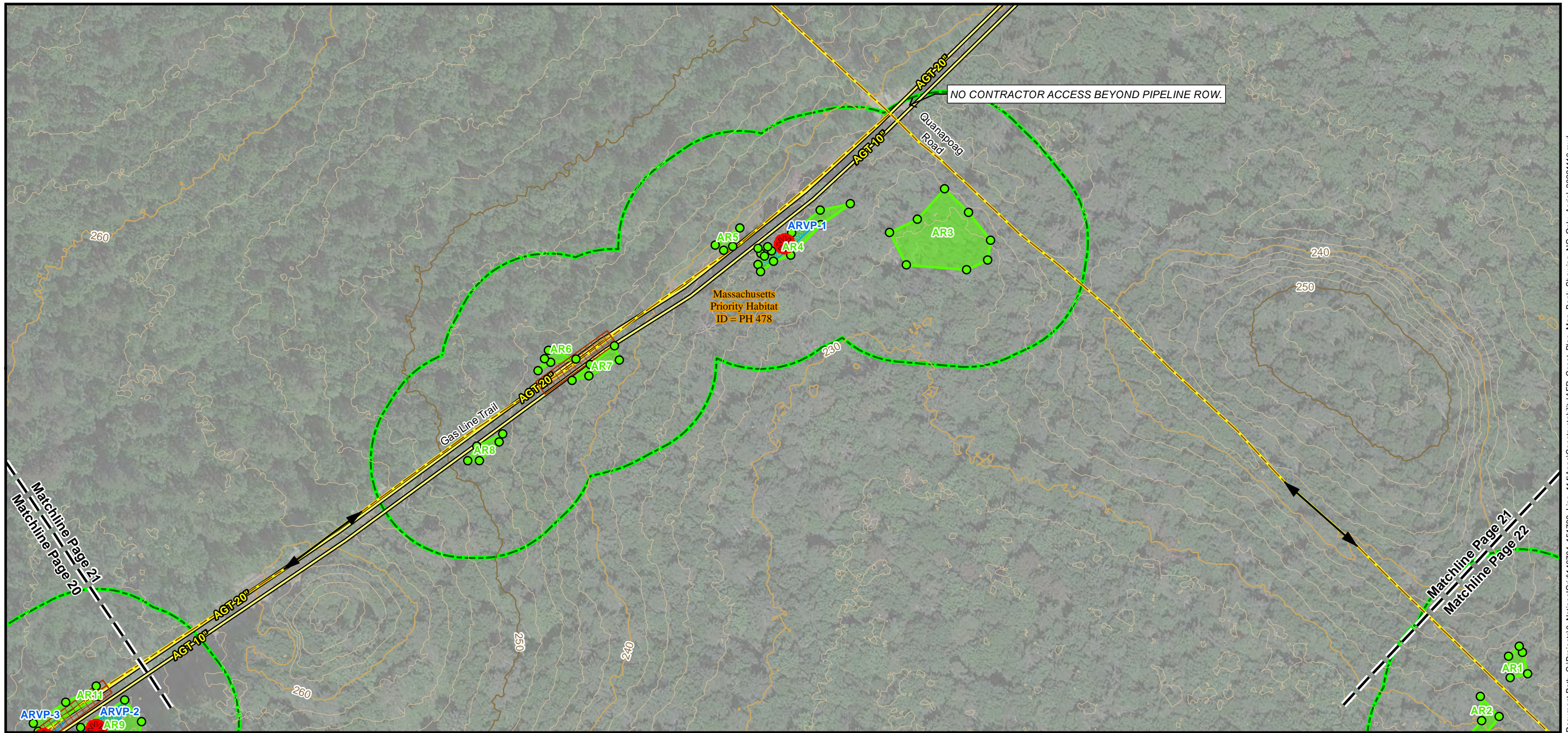


- |   |                              |
|---|------------------------------|
| Existing Access - No Improvements         | Major Contour (10' Interval) |
| Wetland Border                            | Contour (2' Interval)        |
| 100 ft Buffer Wetland                     |                              |
| Wetland Flag                              |                              |
| Field Delineated Wetland                  |                              |
| Priority Habitats Rare Species (MA-NHESP) |                              |
| Index Contour (50' interval)              |                              |

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- |                                   |   |
|-----------------------------------|---|
| Existing Access - No Improvements | Confirmed Vernal Pool                     |
| Construction Mat                  | Priority Habitats Rare Species (MA-NHESP) |
| Natural Gas Pipeline              | Index Contour (50' interval)              |
| Field Verified Vernal Pool        | Major Contour (10' Interval)              |
| Wetland Border                    | Contour (2' Interval)                     |
| 100 ft Buffer Wetland             |   |
| Wetland Flag                      |   |
| Field Delineated Wetland          |   |

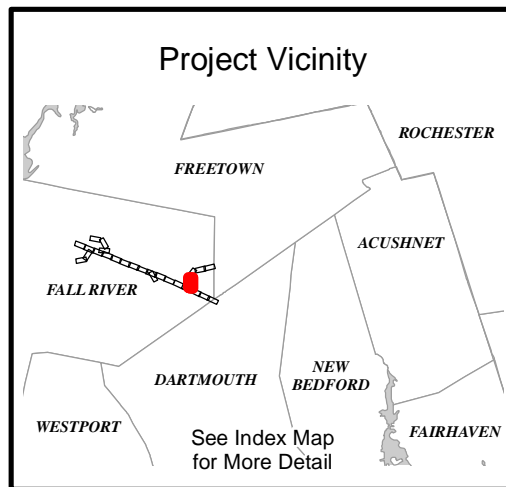
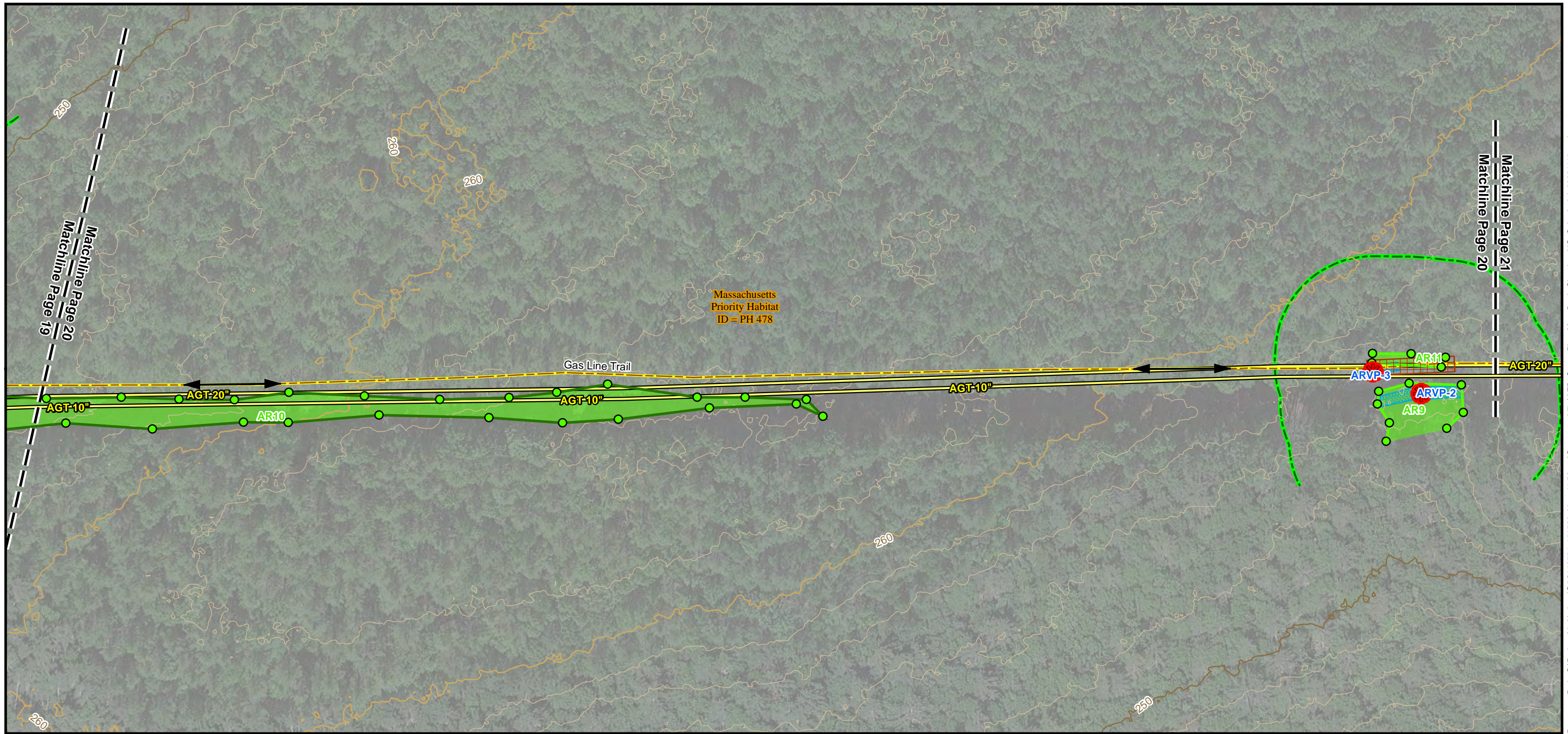
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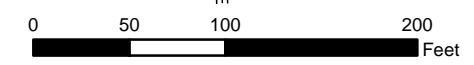
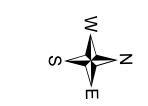




- Existing Access - No Improvements
- Construction Mat
- Natural Gas Pipeline
- Field Verified Vernal Pool
- Wetland Border
- Isolated Wetland Border
- 100 ft Buffer Wetland
- Wetland Flag
- Field Delineated Wetland
- Confirmed Vernal Pool
- Priority Habitats Rare Species (MA-NHESP)
- Index Contour (50' interval)
- Major Contour (10' Interval)
- Contour (2' Interval)

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 Construction Features Mapping  
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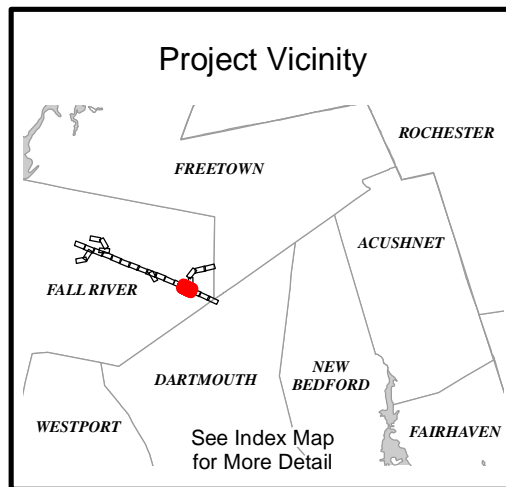
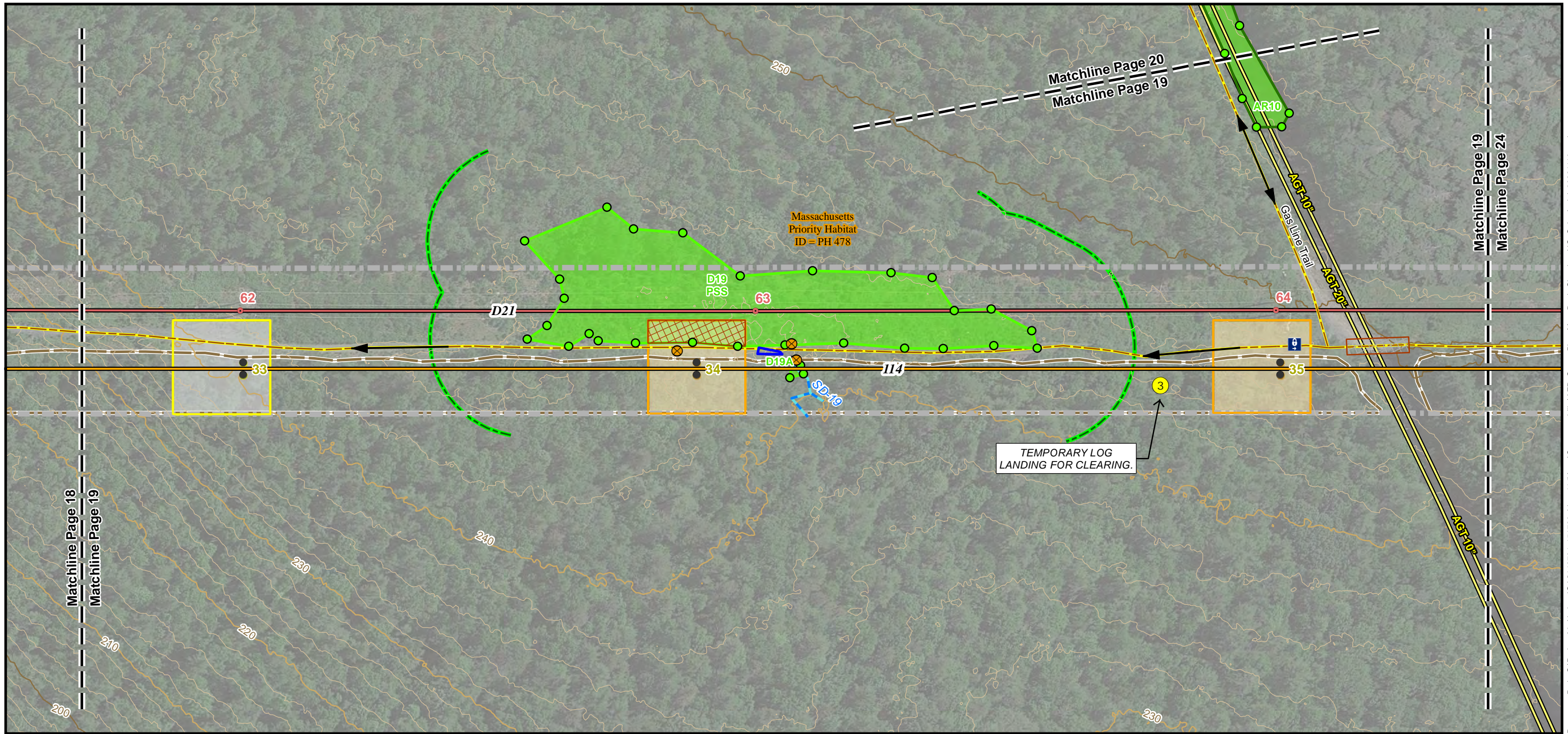


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● Proposed Steel Pole	Work Envelope (Mow Only)*	⊗ Culvert	Priority Habitats Rare Species (MA-NHESP)
— Proposed Transmission Line	Work Envelope with Minor Grading*	~ Intermittent Stream	Index Contour (50' interval)
③ Laydown or landing area	Existing Structure Center	~ Wetland Border	Major Contour (10' Interval)
— Existing Access - No Improvements	Existing Transmission Line	~ Isolated Wetland Border	Contour (2' Interval)
Limit of Tree Clearing	Natural Gas Pipeline	~ Area of Inundation	
Construction Mat	Existing Right of Way	100 ft Buffer Wetland	
Air Bridge	Gate	Wetland Flag	
		Field Delineated Wetland	

**Acushnet to Fall River Reliability Project**  
 Construction Features Mapping  
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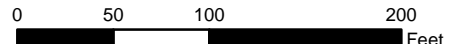
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Commonwealth of Massachusetts  
 Bristol County:  
 City of Fall River

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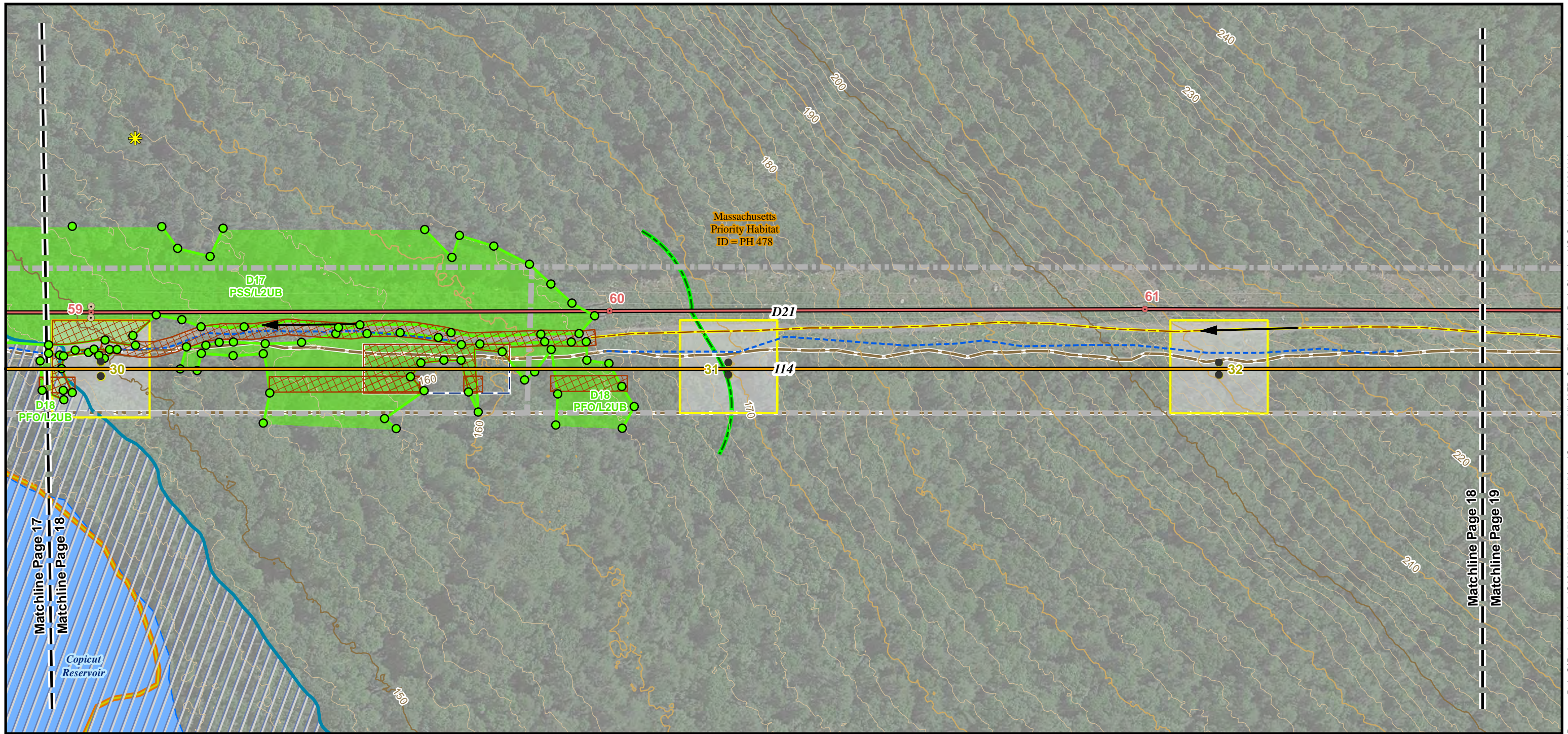
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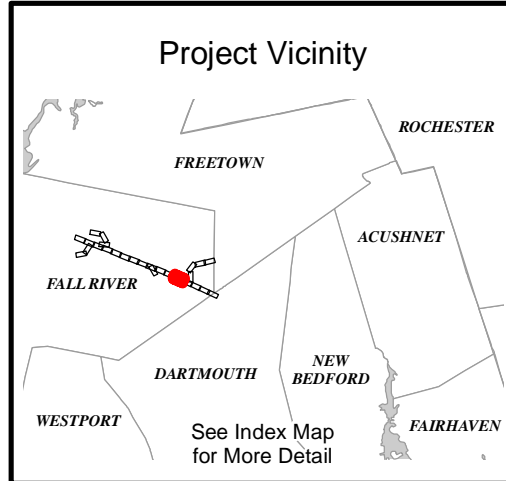
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● Proposed Steel Pole	● Wood Pole	☁ Delineated Open Water	~ Contour (2' Interval)
— Proposed Transmission Line	● Existing Structure Center	● Wetland Flag	~ Contour (50' interval)
— Existing Access - No Improvements	— Existing Transmission Line	● Field Delineated Wetland	~ Major Contour (10' Interval)
▭ Limit of Tree Clearing	▭ Existing Right of Way	☁ FEMA Flood Hazard (DFIRM 100yr)	
▭ Construction Mat	☀ Potential Vernal Pools (NHESP)	▭ Priority Habitats Rare Species (MA-NHESP)	
▭ Work Envelope with Minor Grading*	— Ditch		
▭ Pull Pad Work Envelope (Mow Only)	~ Wetland Border		
	— 100 ft Buffer Wetland		

### Acushnet to Fall River Reliability Project



#### Construction Features Mapping

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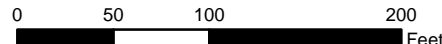
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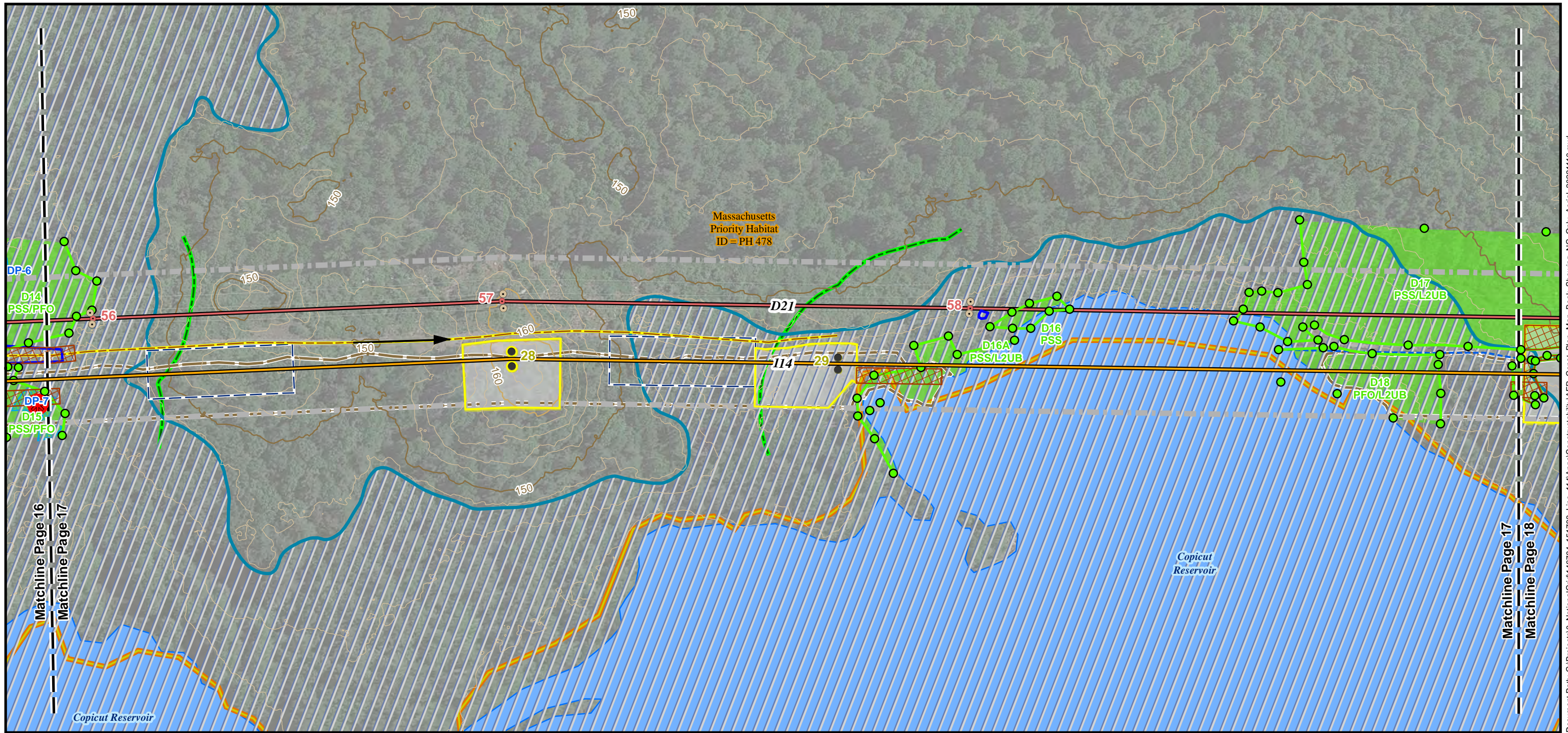



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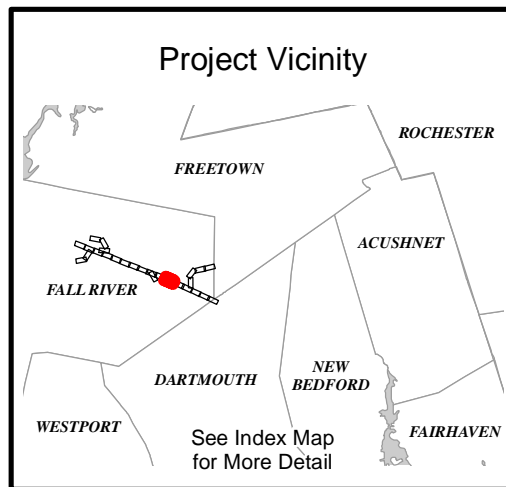


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- |                                     |                              |   |                                |
|-------------------------------------|------------------------------|---|--------------------------------|
| ● Proposed Steel Pole               | ● Wood Pole                  | — 100 ft Buffer Wetland                     | — Index Contour (50' interval) |
| — Proposed Transmission Line        | ● Existing Structure Center  | — Delineated Open Water                     | — Major Contour (10' Interval) |
| — Existing Access - No Improvements | — Existing Transmission Line | ● Wetland Flag                              | — Contour (2' Interval)        |
| — Limit of Tree Clearing            | — Existing Right of Way      | — Field Delineated Wetland                  |                                |
| — Construction Mat                  | ● Field Verified Vernal Pool | — Confirmed Vernal Pool                     |                                |
| — Work Envelope with Minor Grading* | — Ditch                      | — FEMA Flood Hazard (DFIRM 100yr)           |                                |
| — Pull Pad Work Envelope (Mow Only) | — Wetland Border             | — Priority Habitats Rare Species (MA-NHESP) |                                |
|                                     | — Area of Inundation         |   |                                |

### Acushnet to Fall River Reliability Project

Construction Features Mapping

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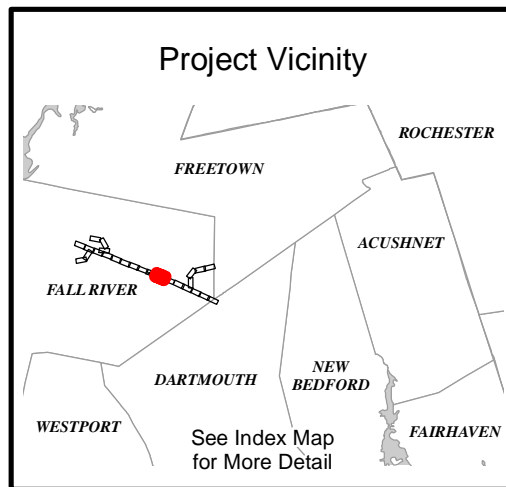
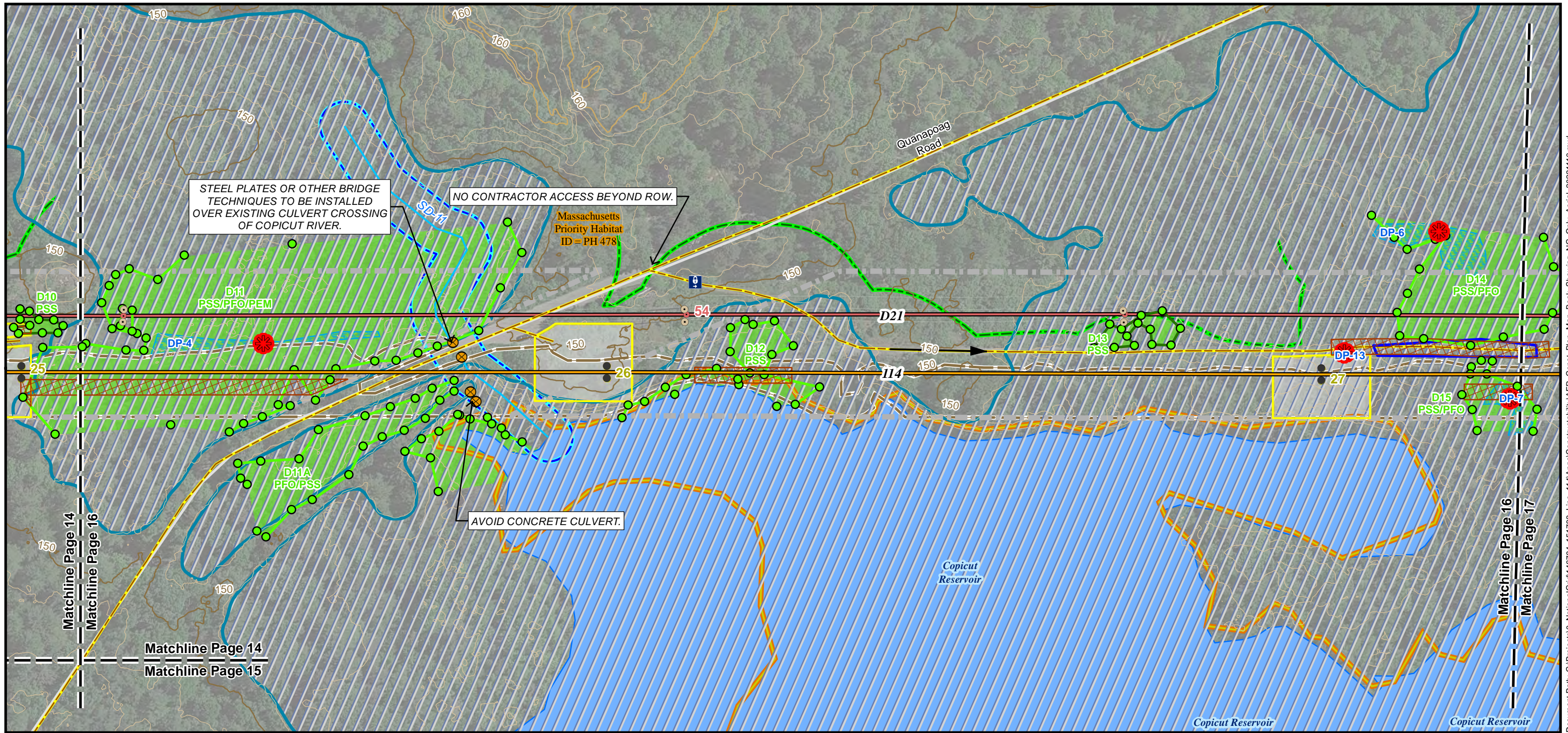
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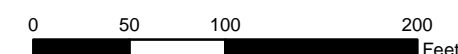


● Proposed Steel Pole	● Existing Structure Center	~ Wetland Border	~ Confirmed Vernal Pool
— Proposed Transmission Line	— Existing Transmission Line	~ Isolated Wetland Border	~ Potential Vernal Pool
— Existing Access - No Improvements	— Existing Right of Way	~ Area of Inundation	~ FEMA Flood Hazard (DFIRM 100yr)
▭ Limit of Tree Clearing	● Field Verified Vernal Pool	~ Riverfront Area	▭ Priority Habitats Rare Species (MA-NHESP)
▭ Construction Mat	Ⓜ Gate	~ 100 ft Buffer Wetland	~ Index Contour (50' interval)
▭ Work Envelope with Minor Grading*	⊗ Culvert	~ Delineated Open Water	~ Major Contour (10' Interval)
● Wood Pole	~ Perennial Stream or River	● Wetland Flag	~ Contour (2' Interval)
		~ Field Delineated Wetland	

**Acushnet to Fall River Reliability Project**  
 Construction Features Mapping  
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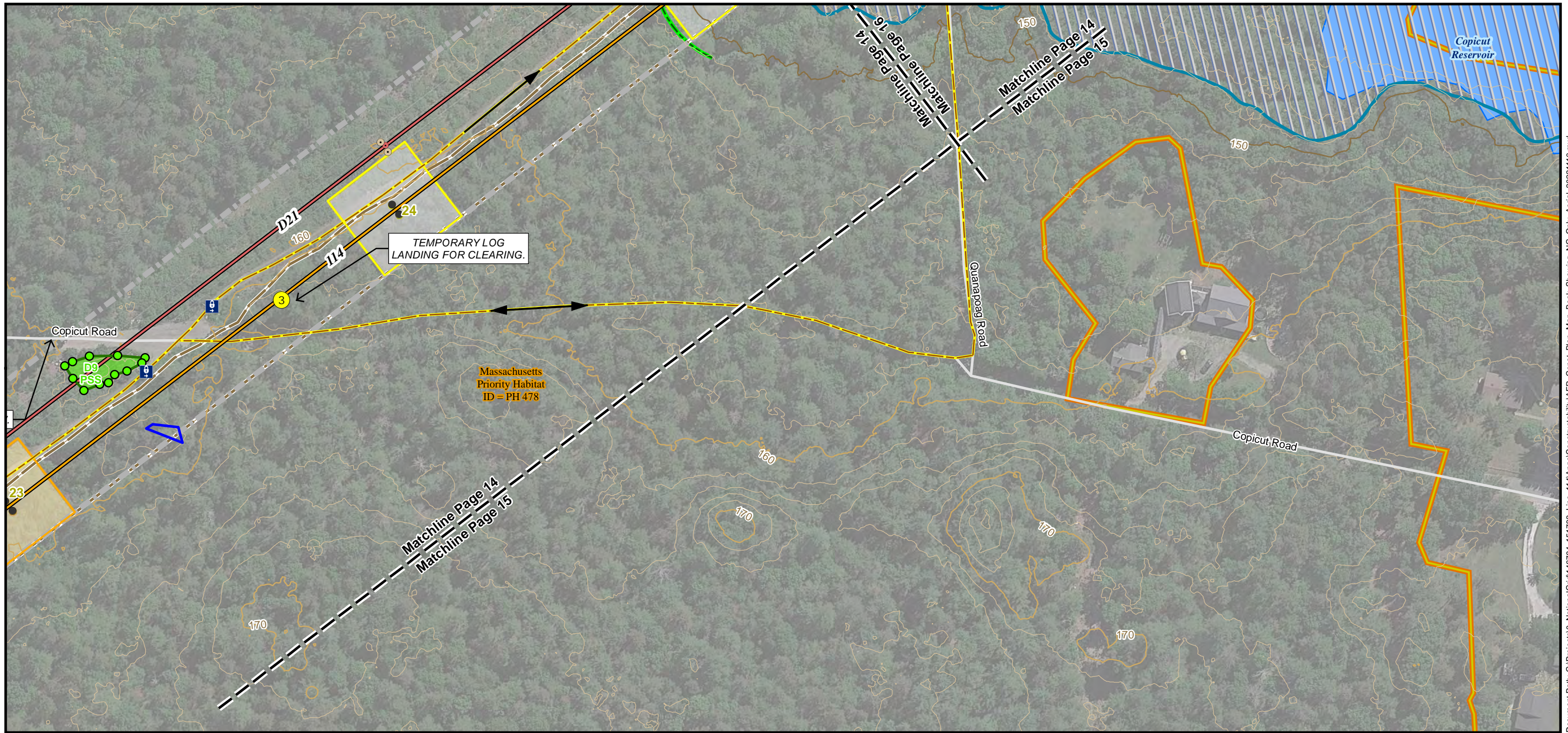
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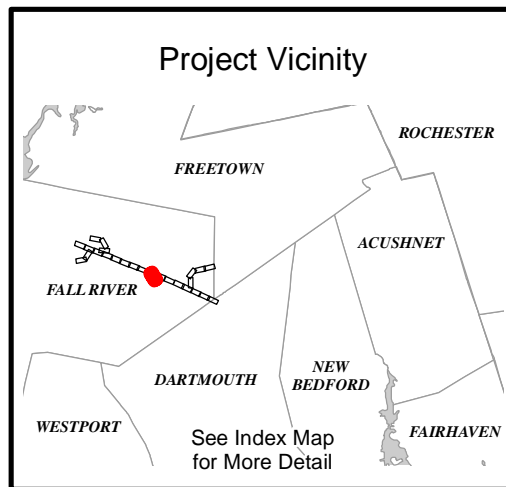
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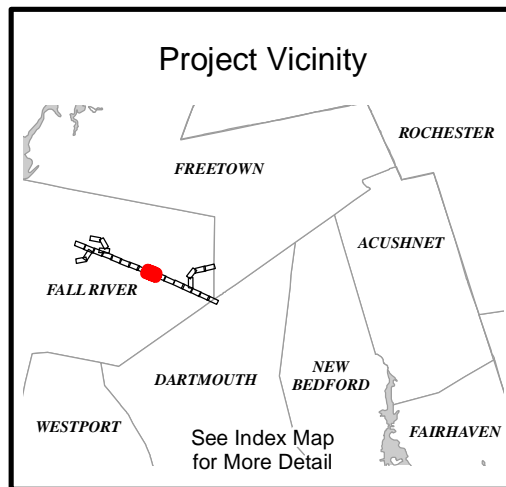
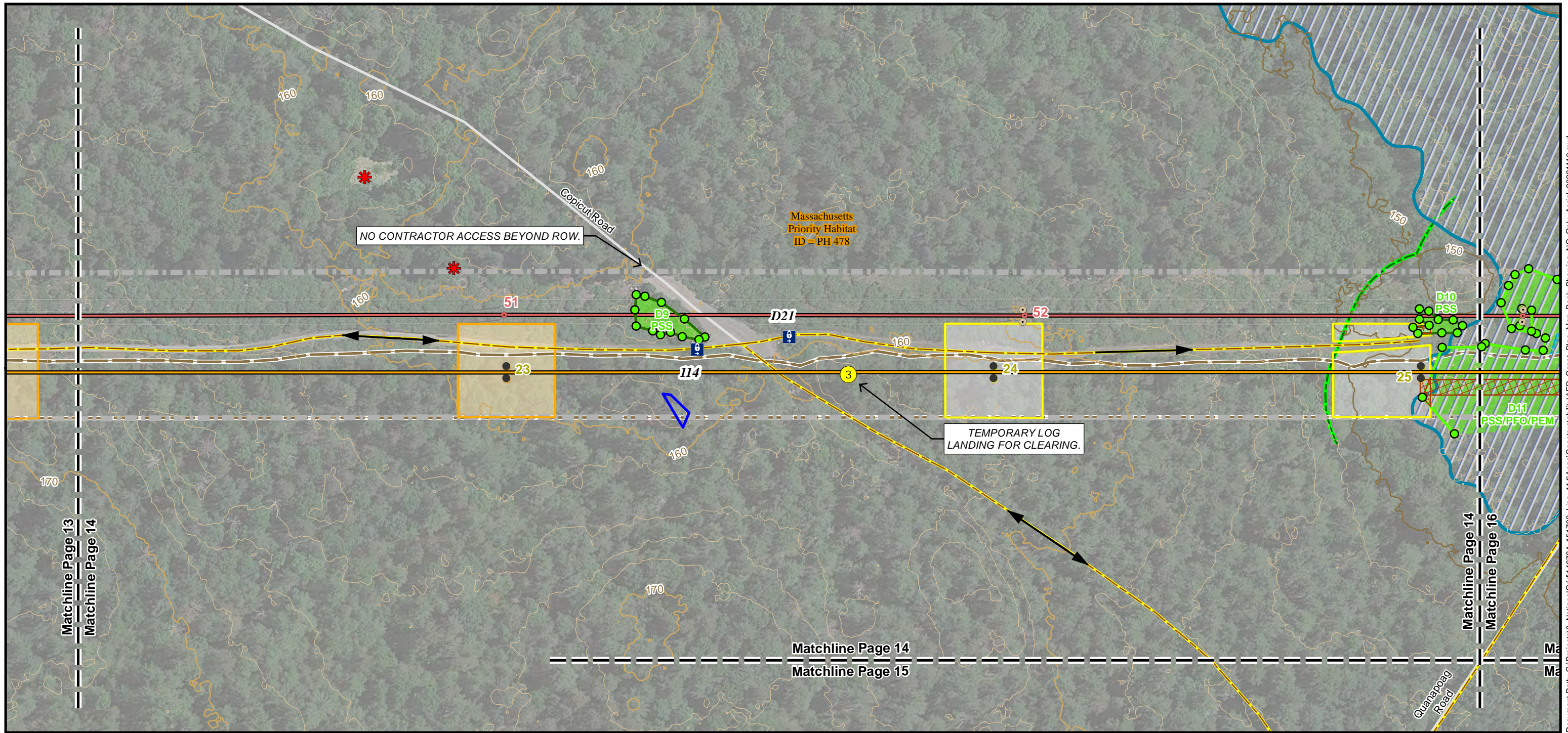
● Proposed Steel Pole	● Wood Pole	— 100 ft Buffer Wetland	— Major Contour (10' Interval)
— Proposed Transmission Line	● Existing Structure Center	— Delineated Open Water	— Contour (2' Interval)
③ Laydown or landing area	— Existing Transmission Line	● Wetland Flag	
— Existing Access - No Improvements	— Existing Right of Way	— Field Delineated Wetland	
— Limit of Tree Clearing	— Minor Road	— FEMA Flood Hazard (DFIRM 100yr)	
— Work Envelope (Mow Only)*	— Gate	— Priority Habitats Rare Species (MA-NHESP)	
— Work Envelope with Minor Grading*	— Isolated Wetland Border	— Index Contour (50' interval)	
	— Area of Inundation		

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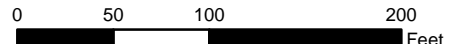
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— Proposed Transmission Line	● Wood Pole	~ Isolated Wetland Border	~ Index Contour (50' interval)
③ Laydown or landing area	● Existing Structure Center	~ Area of Inundation	~ Major Contour (10' Interval)
— Existing Access - No Improvements	— Existing Transmission Line	— 100 ft Buffer Wetland	~ Contour (2' Interval)
□ Limit of Tree Clearing	□ Existing Right of Way	● Wetland Flag	
□ Construction Mat	● Certified Vernal Pools (NHESP)	~ Field Delineated Wetland	
□ Work Envelope (Mow Only)*	● Gate	~ Confirmed Vernal Pool	
		~ FEMA Flood Hazard (DFIRM 100yr)	

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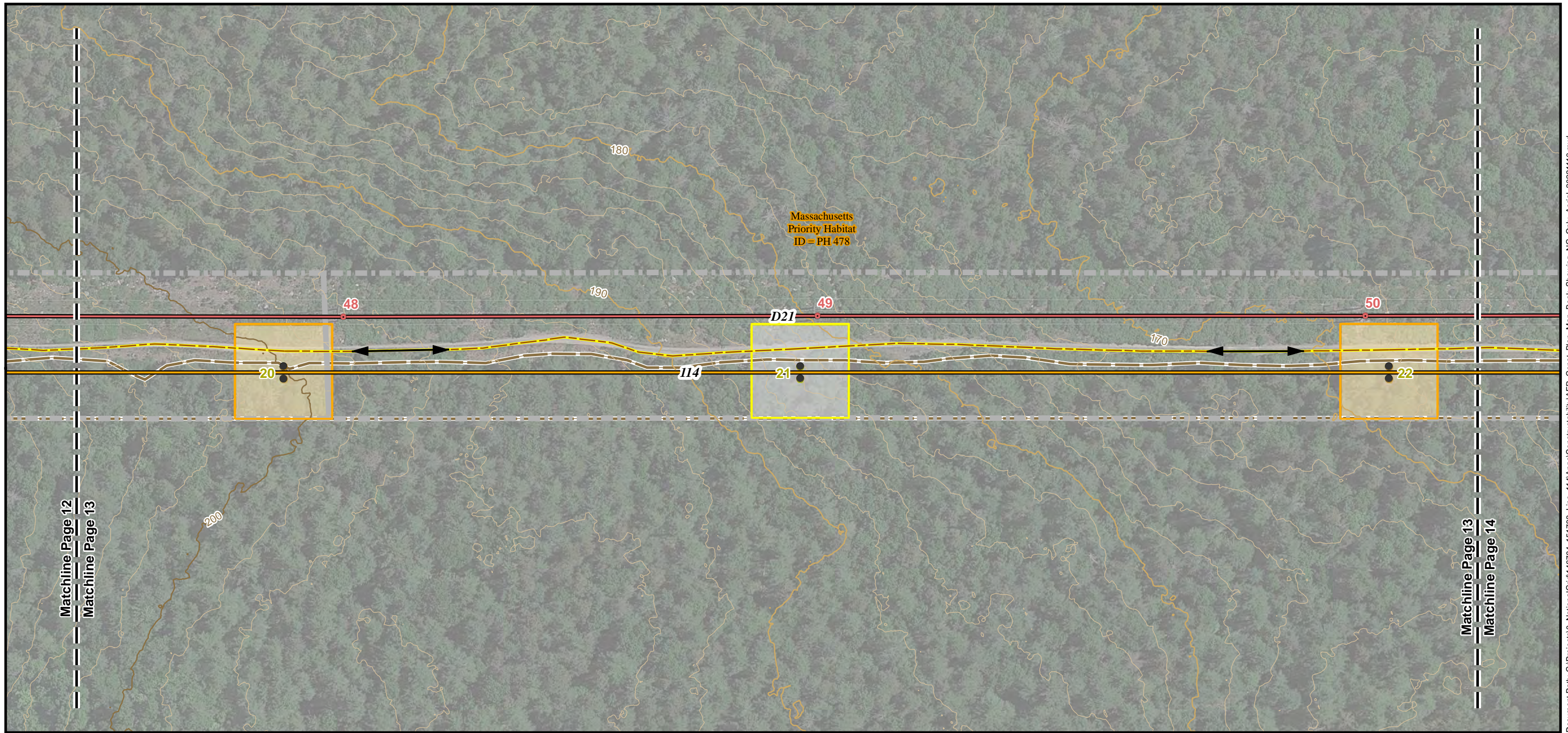
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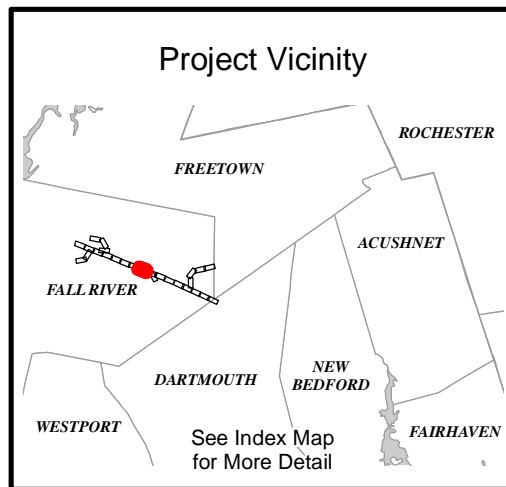
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- |                                     |   |
|-------------------------------------|---|
| ● Proposed Steel Pole               | — Existing Transmission Line                |
| — Proposed Transmission Line        | — Existing Right of Way                     |
| — Existing Access - No Improvements | □ Priority Habitats Rare Species (MA-NHESP) |
| □ Limit of Tree Clearing            | — Index Contour (50' interval)              |
| □ Work Envelope (Mow Only)*         | — Major Contour (10' Interval)              |
| □ Work Envelope with Minor Grading* | — Contour (2' Interval)                     |
| ● Existing Structure Center         |   |

### Acushnet to Fall River Reliability Project

#### Construction Features Mapping

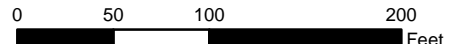
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Commonwealth of Massachusetts

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City of Fall River

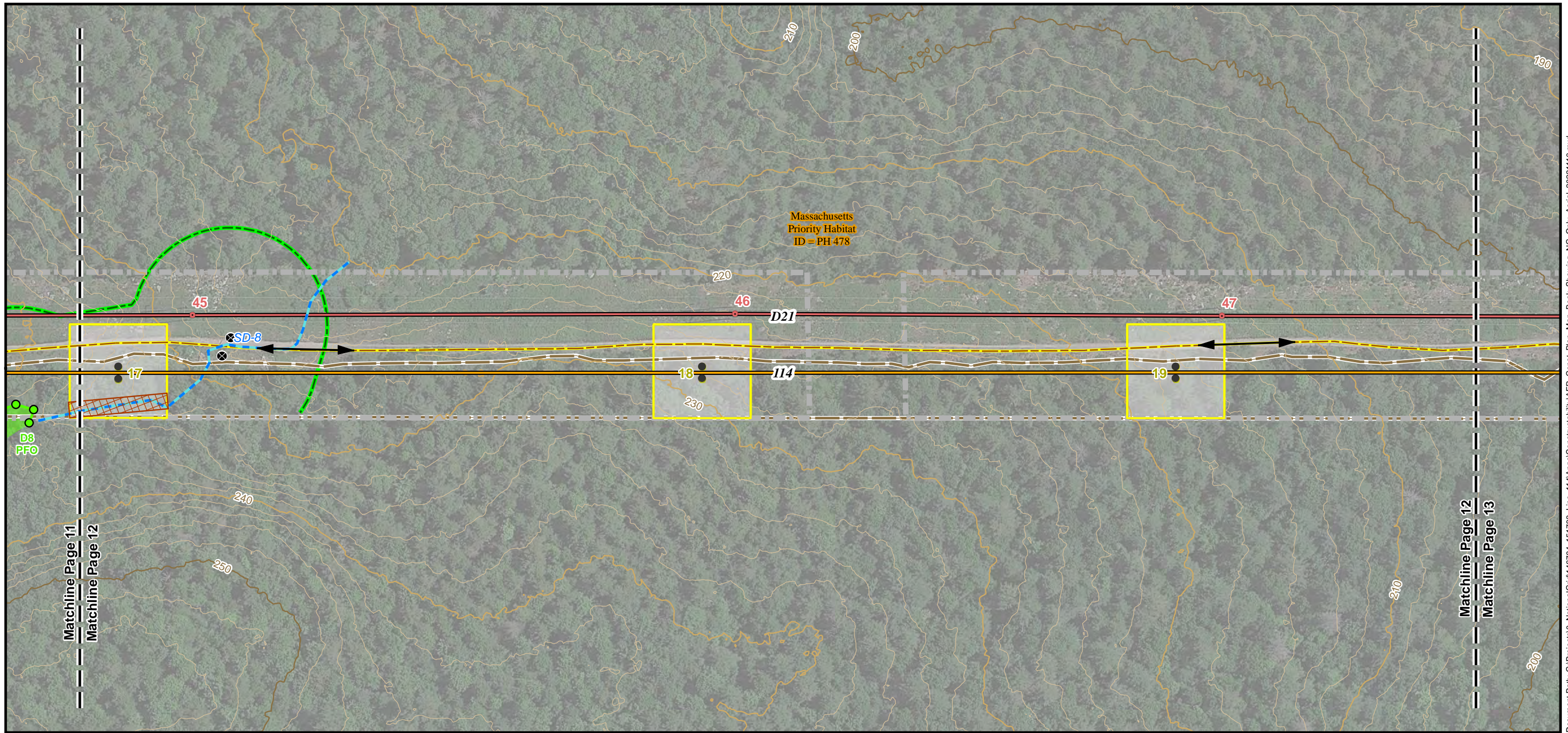
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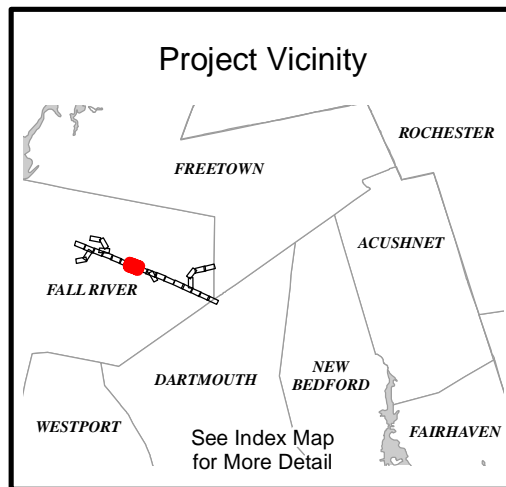
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- |                                     |                              |   |
|-------------------------------------|------------------------------|---|
| ● Proposed Steel Pole               | — Existing Transmission Line | ▭ Priority Habitats Rare Species (MA-NHESP) |
| — Proposed Transmission Line        | ▭ Existing Right of Way      | ~ Index Contour (50' interval)              |
| — Existing Access - No Improvements | ⊗ Culvert Crushed            | ~ Major Contour (10' Interval)              |
| ▭ Limit of Tree Clearing            | ~ Intermittent Stream        | ~ Contour (2' Interval)                     |
| ▭ Construction Mat                  | ~ Wetland Border             |   |
| ▭ Work Envelope with Minor Grading* | — 100 ft Buffer Wetland      |   |
| ● Existing Structure Center         | ● Wetland Flag               |   |
|                                     | ~ Field Delineated Wetland   |   |

### Acushnet to Fall River Reliability Project

#### Construction Features Mapping

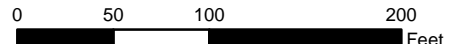
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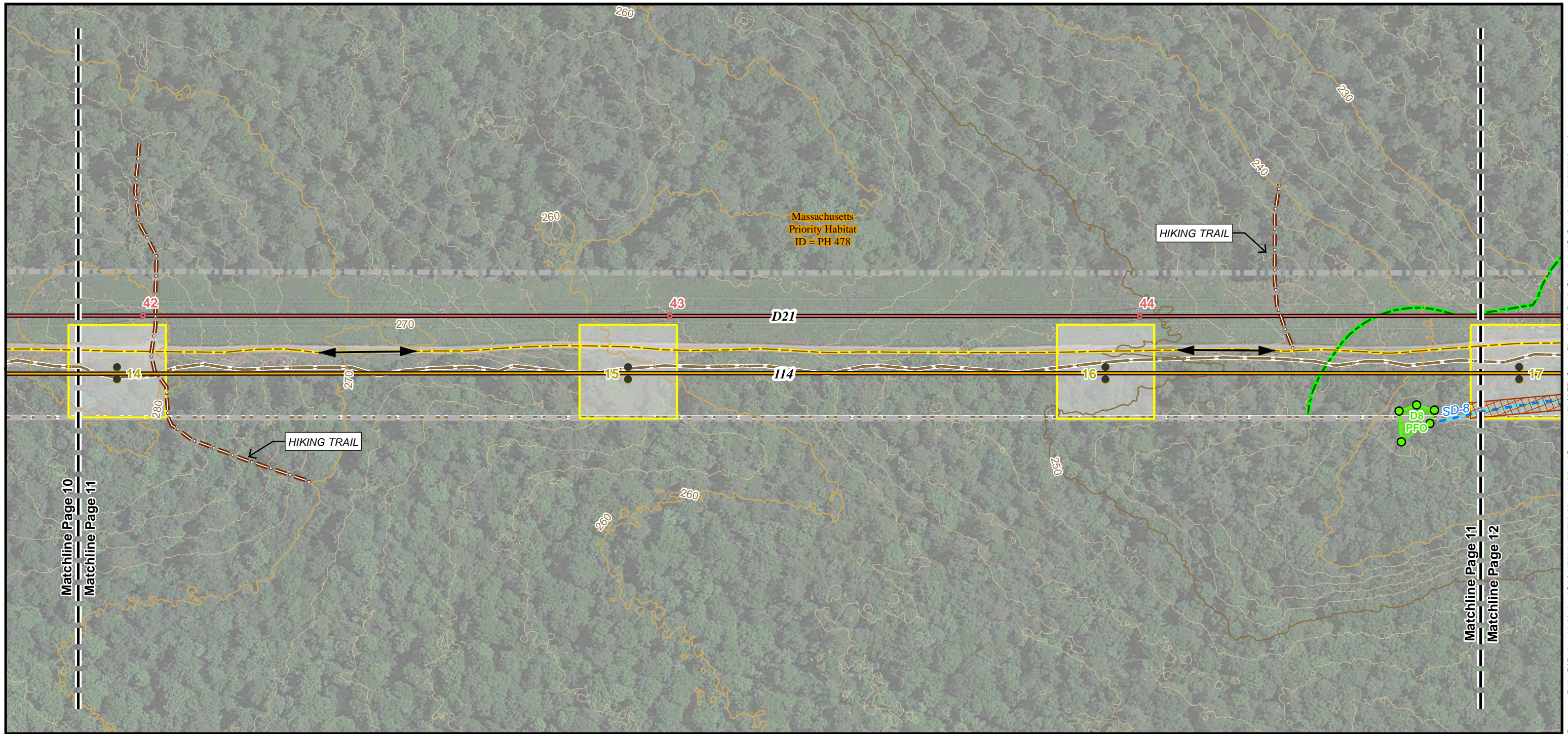
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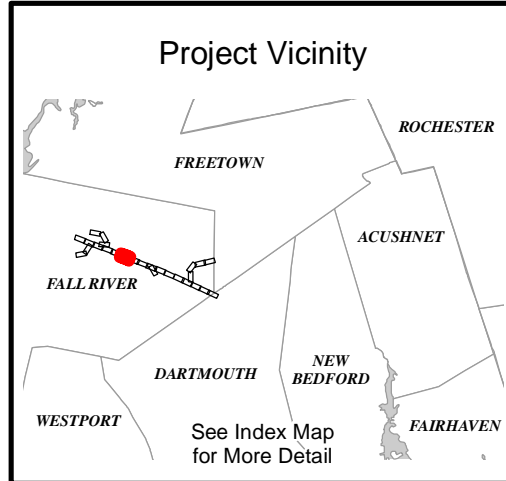
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- |                                     |                              |   |
|-------------------------------------|------------------------------|---|
| ● Proposed Steel Pole               | — Existing Transmission Line | ▭ Priority Habitats Rare Species (MA-NHESP) |
| — Proposed Transmission Line        | ▭ Existing Right of Way      | ~ Index Contour (50' interval)              |
| — Existing Access - No Improvements | ~ Hiking Trail               | ~ Major Contour (10' Interval)              |
| ▭ Limit of Tree Clearing            | ~ Intermittent Stream        | ~ Contour (2' Interval)                     |
| ▭ Construction Mat                  | ~ Wetland Border             |   |
| ▭ Work Envelope with Minor Grading* | — 100 ft Buffer Wetland      |   |
| ● Existing Structure Center         | ● Wetland Flag               |   |
|                                     | ~ Field Delineated Wetland   |   |

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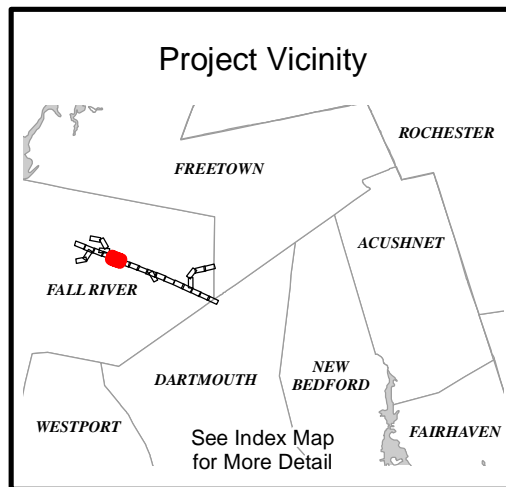



  
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- |                                     |                              |   |
|-------------------------------------|------------------------------|---|
| ● Proposed Steel Pole               | — Existing Transmission Line | ☁ Confirmed Vernal Pool                     |
| — Proposed Transmission Line        | — Existing Right of Way      | ☐ Priority Habitats Rare Species (MA-NHESP) |
| — Existing Access - No Improvements | ● Field Verified Vernal Pool | ~ Index Contour (50' interval)              |
| — Limit of Tree Clearing            | — Hiking Trail               | ~ Major Contour (10' Interval)              |
| — Work Envelope (Mow Only)*         | — Isolated Wetland Border    | ~ Contour (2' Interval)                     |
| — Work Envelope with Minor Grading* | ● Wetland Flag               |   |
| ● Existing Structure Center         | — Field Delineated Wetland   |   |

**Acushnet to Fall River Reliability Project**

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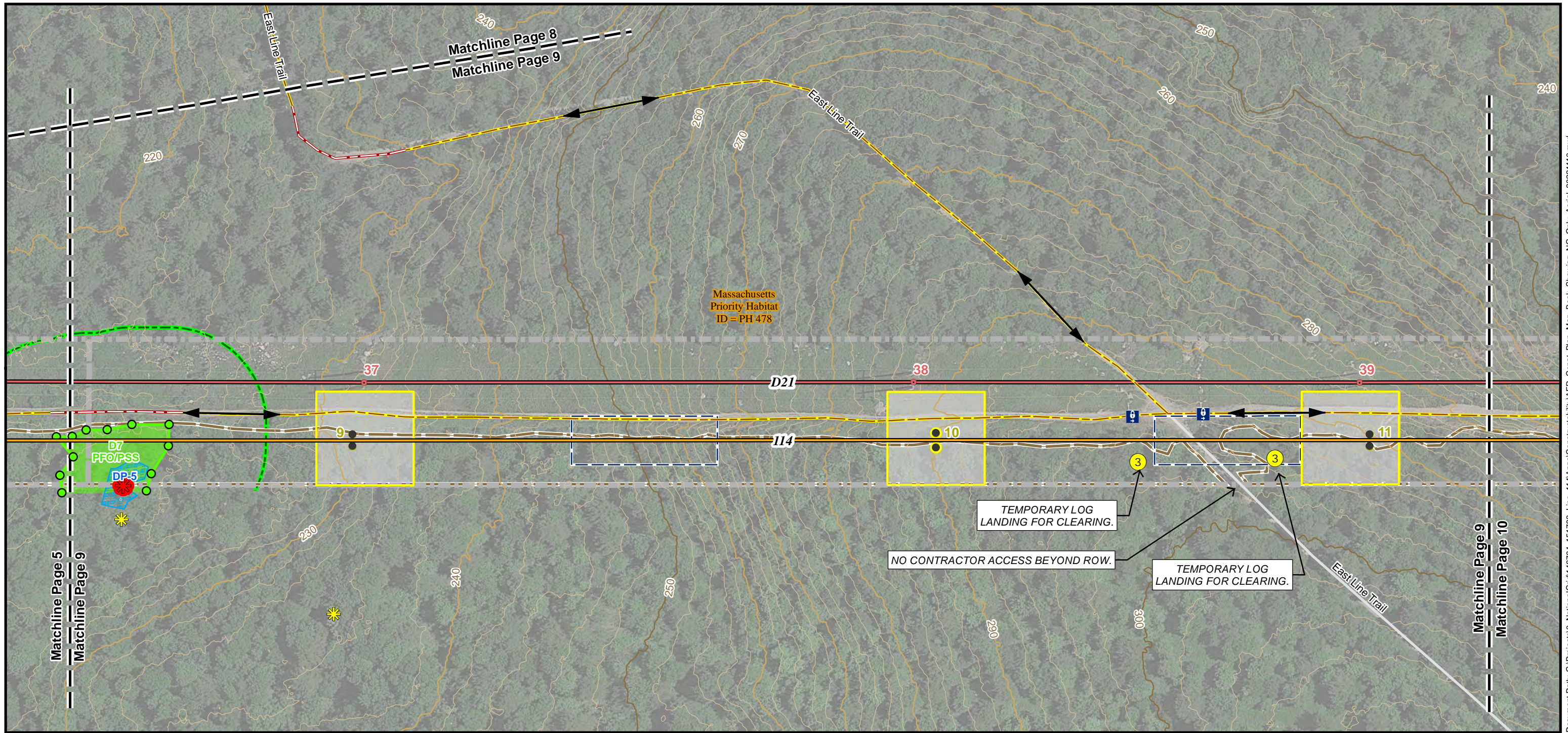
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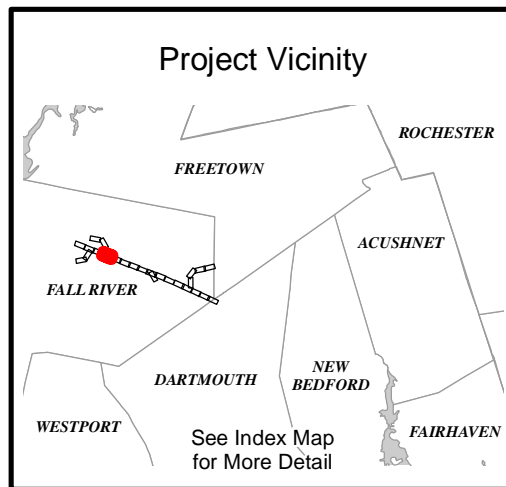
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● Proposed Steel Pole	Type R - Repair in accordance with EG-303NE. Fill potholes and ATV gullies only. No widening. No grading or scraping.	● Existing Structure Center	— Wetland Border	— Major Contour (10' Interval)
— Proposed Transmission Line	— Limit of Tree Clearing	— Existing Transmission Line	— 100 ft Buffer Wetland	— Contour (2' Interval)
③ Laydown or landing area	— Work Envelope with Minor Grading*	— Existing Right of Way	● Wetland Flag	
— Existing Access - No Improvements	— Pull Pad Work Envelope (Mow Only)	★ Potential Vernal Pools (NHESP)	— Field Delineated Wetland	
		★ Field Verified Vernal Pool	— Confirmed Vernal Pool	
		Ⓜ Gate	— Priority Habitats Rare Species (MA-NHESP)	
			— Index Contour (50' interval)	

## Acushnet to Fall River Reliability Project




### Construction Features Mapping

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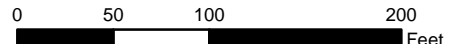
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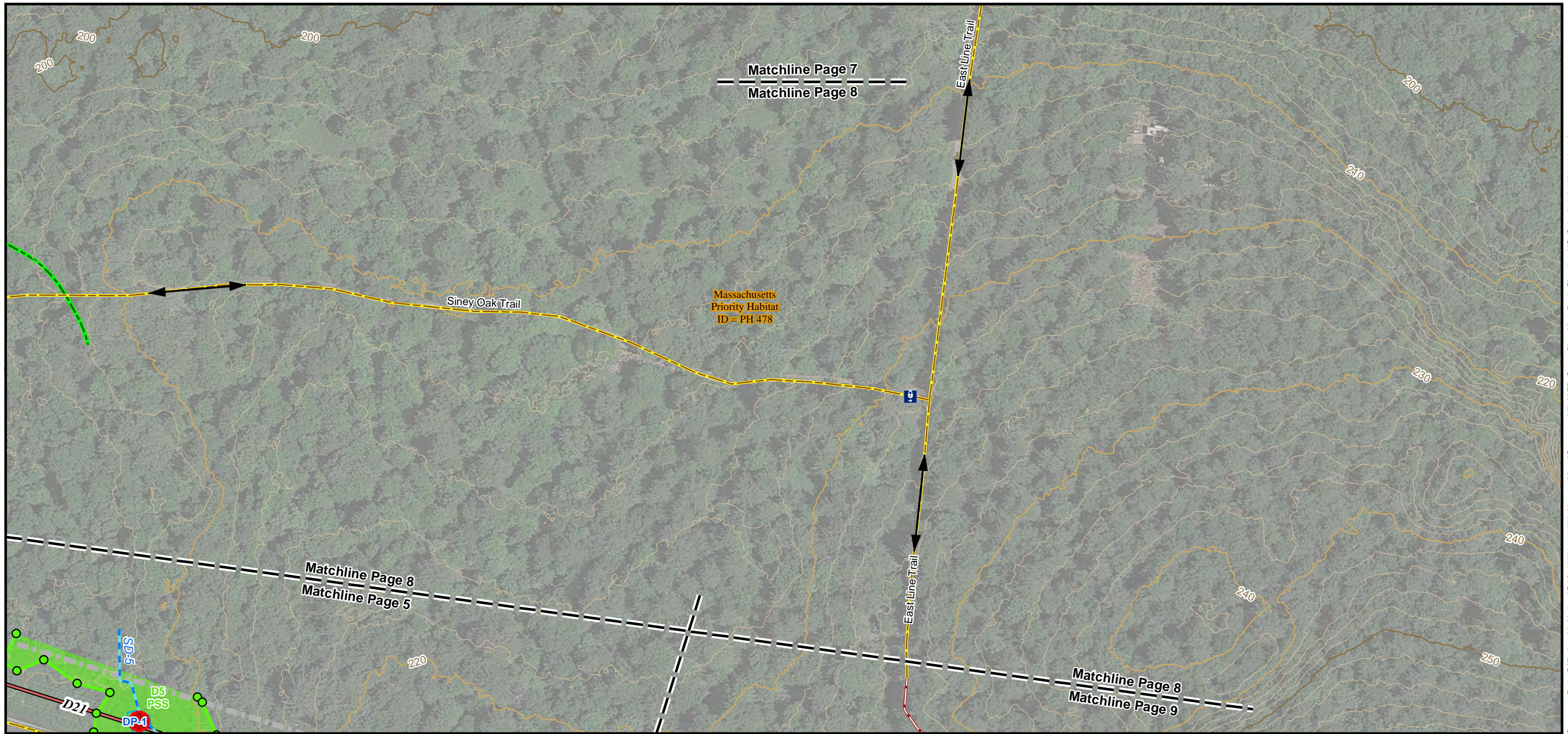




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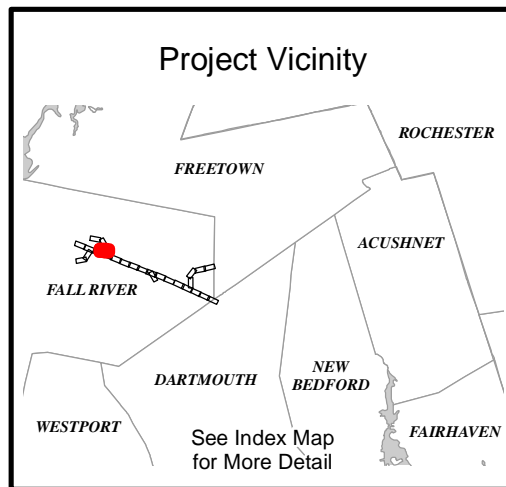


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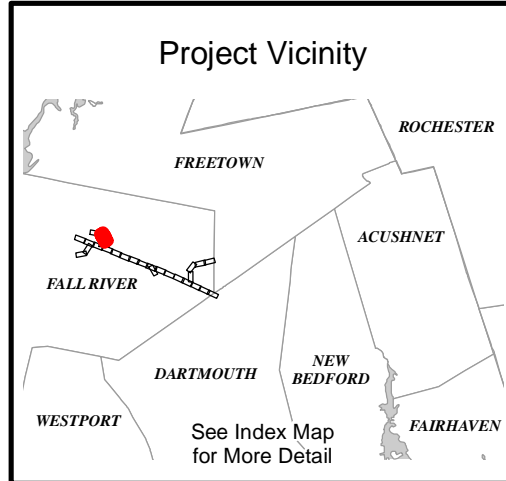
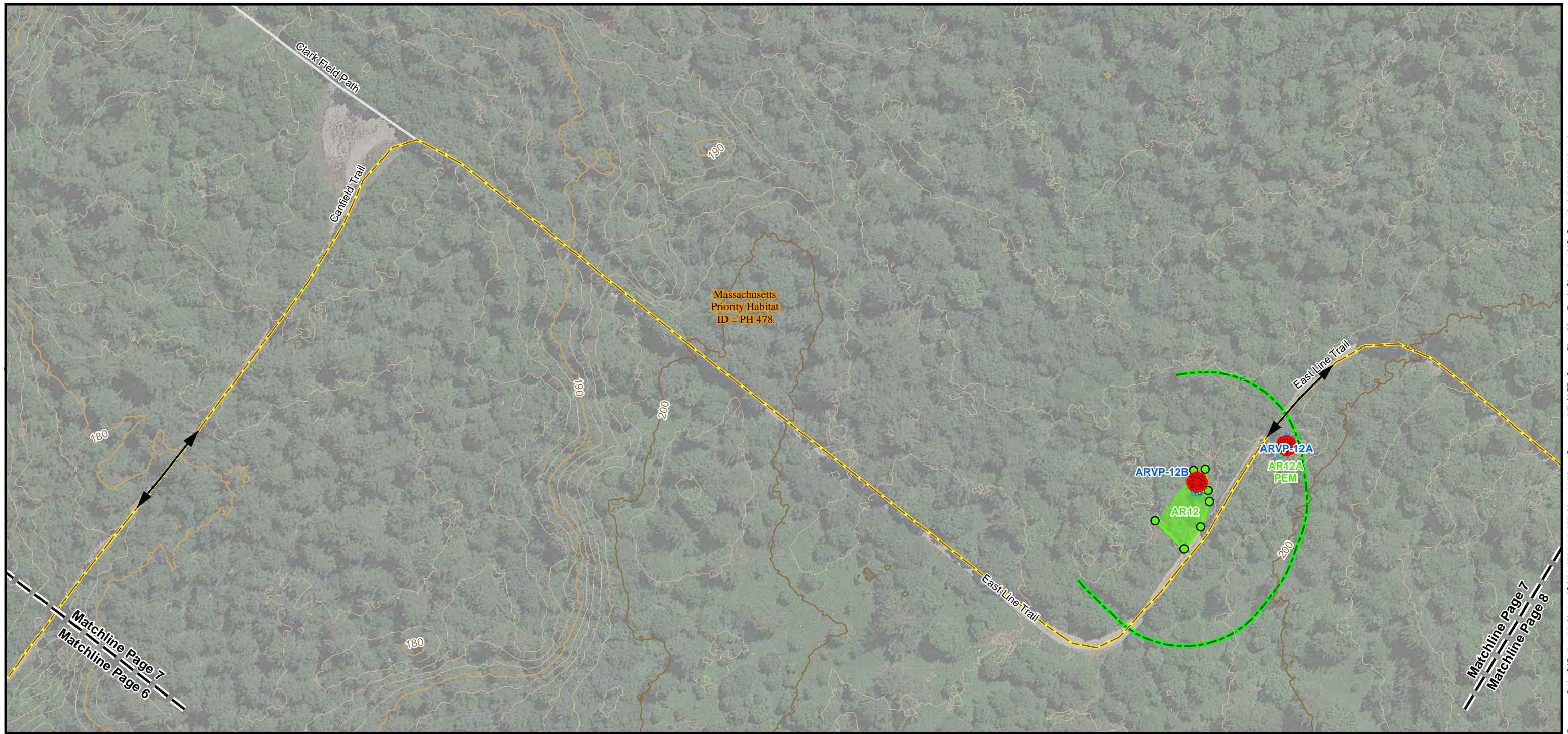
Existing Access - No Improvements	Field Verified Vernal Pool	Priority Habitats Rare Species (MA-NHESP)
Type R - Repair in accordance with EG-303NE. Fill potholes and ATV gullies only. No widening. No grading or scraping.	Gate	Index Contour (50' interval)
Existing Transmission Line	Intermittent Stream	Major Contour (10' Interval)
Existing Right of Way	Wetland Border	Contour (2' Interval)
	100 ft Buffer Wetland	
	Wetland Flag	
	Field Delineated Wetland	
	Confirmed Vernal Pool	













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-  Existing Access - No Improvements
-  Potential Vernal Pools (NHESP)
-  Field Verified Vernal Pool
-  Wetland Border
-  100 ft Buffer Wetland
-  Wetland Flag
-  Field Delineated Wetland
-  Potential Vernal Pool
-  Priority Habitats Rare Species (MA-NHESP)
-  Index Contour (50' interval)
-  Major Contour (10' Interval)
-  Contour (2' Interval)

### Acushnet to Fall River Reliability Project

#### Construction Features Mapping

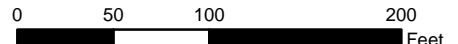
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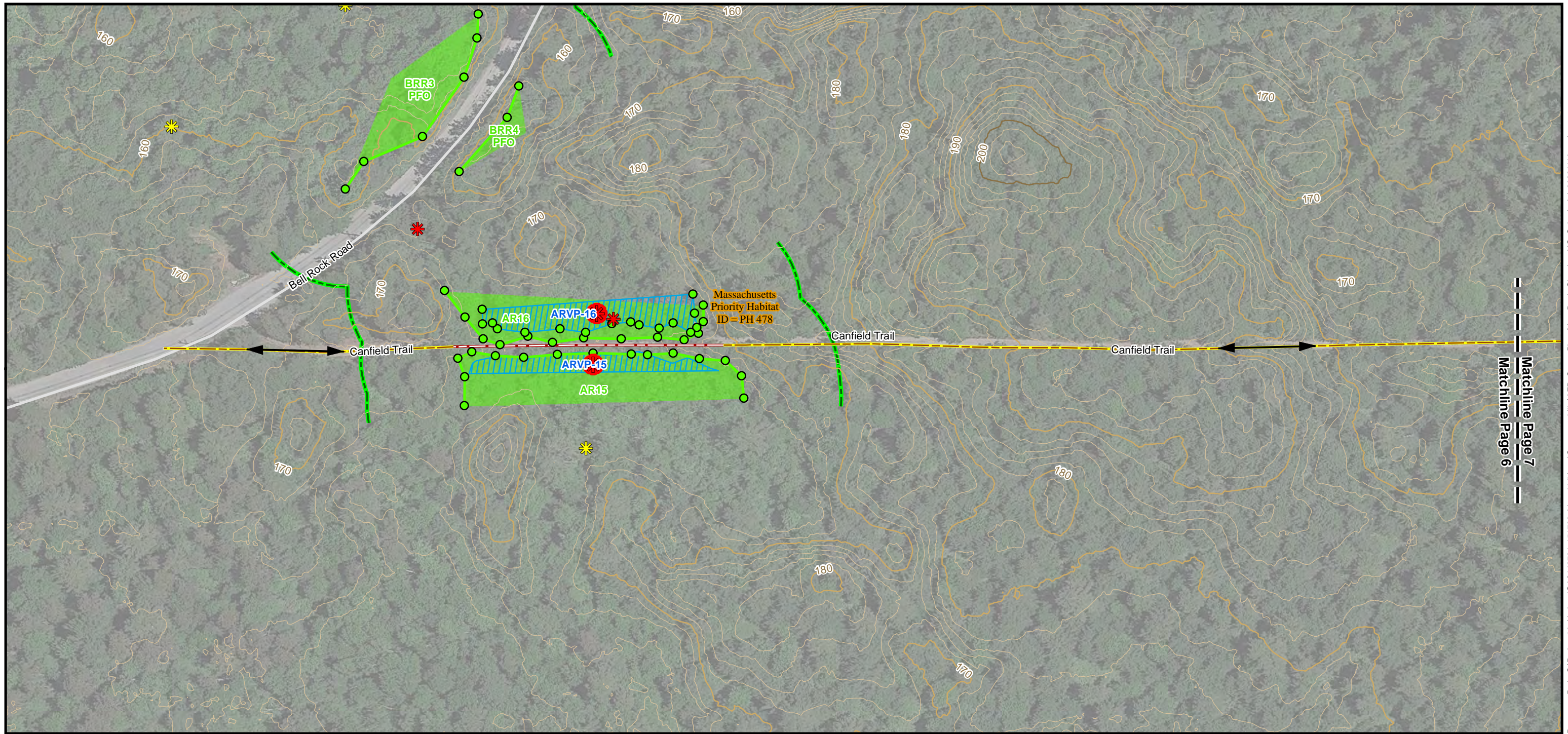
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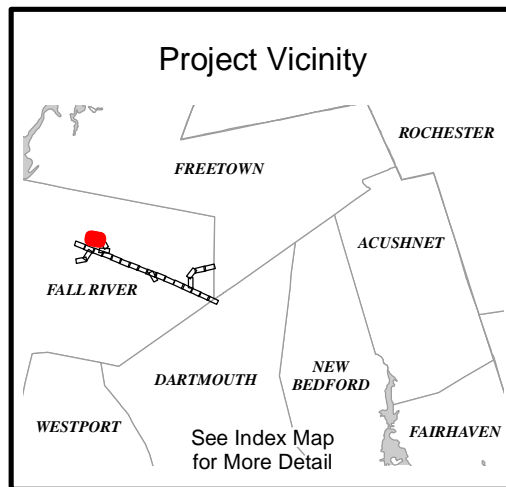
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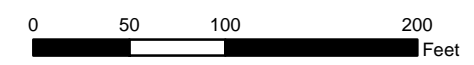
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- Existing Access - No Improvements
- Potential Vernal Pools (NHESP)
- Priority Habitats Rare Species (MA-NHESP)
- Field Verified Vernal Pool
- Wetland Border
- Index Contour (50' interval)
- Certified Vernal Pools (NHESP)
- 100 ft Buffer Wetland
- Major Contour (10' Interval)
- Wetland Flag
- Field Delineated Wetland
- Potential Vernal Pool
- Minor Road
- Contour (2' Interval)
- Type R - Repair in accordance with EG-303NE. Fill potholes and ATV gullies only. No widening. No grading or scraping.

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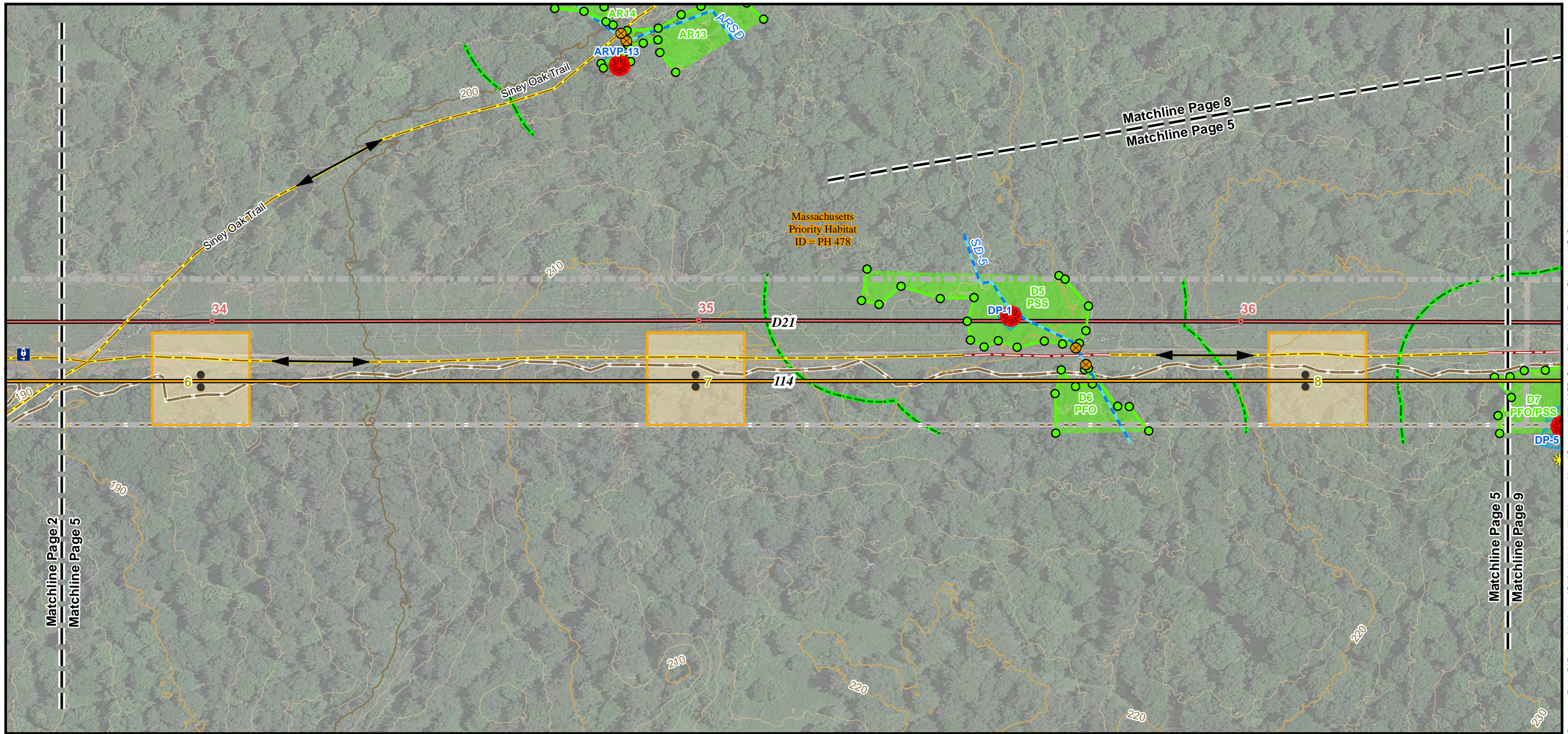
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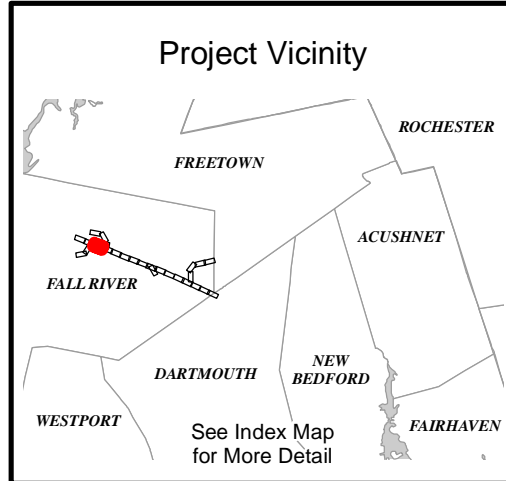
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- |   |                                  |   |                                |
|---|----------------------------------|---|--------------------------------|
| ● Proposed Steel Pole   | Work Envelope (Mow Only)*        | ⊗ Culvert                                 | ~ Index Contour (50' interval) |
| — Proposed Transmission Line  | ● Existing Structure Center      | ~ Intermittent Stream                     | ~ Major Contour (10' Interval) |
| --- Existing Access - No Improvements   | — Existing Transmission Line     | ~ Wetland Border                          | ~ Contour (2' Interval)        |
| Type R - Repair in accordance with EG-303NE. Fill potholes and ATV gullies only. No widening. No grading or scraping. | Existing Right of Way            | ~ 100 ft Buffer Wetland                   |                                |
| Limit of Tree Clearing  | ✱ Potential Vernal Pools (NHESP) | ● Wetland Flag                            |                                |
|   | ● Field Verified Vernal Pool     | ~ Field Delineated Wetland                |                                |
|   | Gate                             | ~ Confirmed Vernal Pool                   |                                |
|   |                                  | Priority Habitats Rare Species (MA-NHESP) |                                |

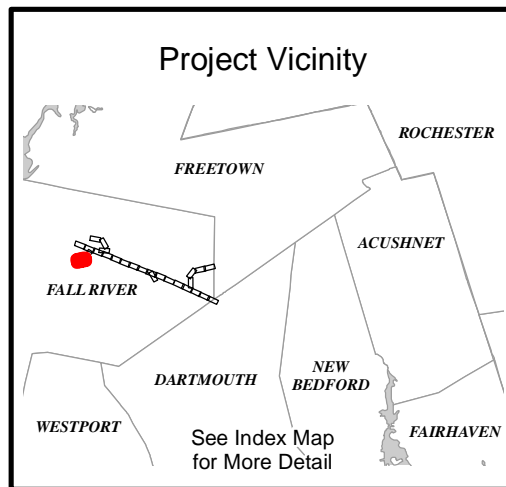
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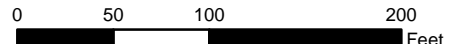


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- |  |                                   |  |   |
|--|-----------------------------------|--|---|
|  | Existing Access - No Improvements |  | Wetland Flag                              |
|  | Existing Structure Center         |  | Field Delineated Wetland                  |
|  | Existing Transmission Line        |  | Priority Habitats Rare Species (MA-NHESP) |
|  | Existing Right of Way             |  | Index Contour (50' interval)              |
|  | Minor Road                        |  | Major Contour (10' Interval)              |
|  | Gate                              |  | Contour (2' Interval)                     |
|  | Wetland Border                    |  |   |
|  | 100 ft Buffer Wetland             |  |   |

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**Project Vicinity**

See Index Map for More Detail

- Existing Access - No Improvements
- Potential Vernal Pools (NHESP)
- Wetland Border
- Wetland Flag
- Field Delineated Wetland
- Priority Habitats Rare Species (MA-NHESP)
- Major Contour (10' Interval)
- Contour (2' Interval)

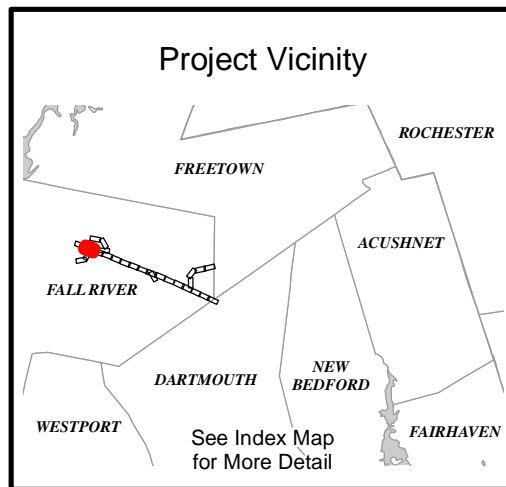
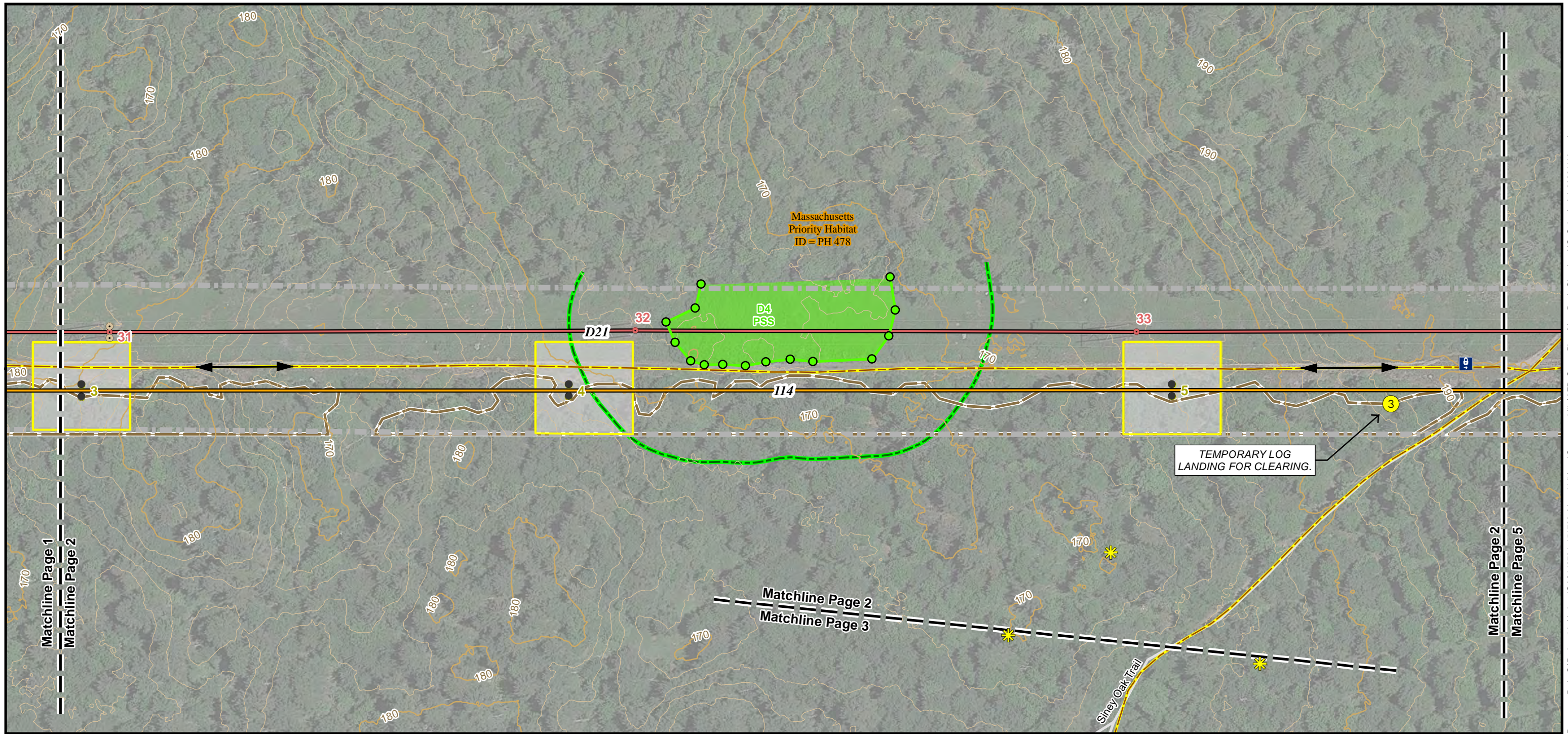
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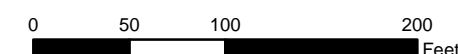
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|-------------------------------------|----------------------------------|---|
| ● Proposed Steel Pole               | ● Existing Structure Center      | Field Delineated Wetland                  |
| — Proposed Transmission Line        | — Existing Transmission Line     | Priority Habitats Rare Species (MA-NHESP) |
| ③ Laydown or landing area           | Existing Right of Way            | Major Contour (10' Interval)              |
| — Existing Access - No Improvements | ☀ Potential Vernal Pools (NHESP) | Contour (2' Interval)                     |
| Limit of Tree Clearing              | Gate                             |   |
| Work Envelope with Minor Grading*   | Wetland Border                   |   |
| ● Wood Pole                         | 100 ft Buffer Wetland            |   |
|                                     | ● Wetland Flag                   |   |

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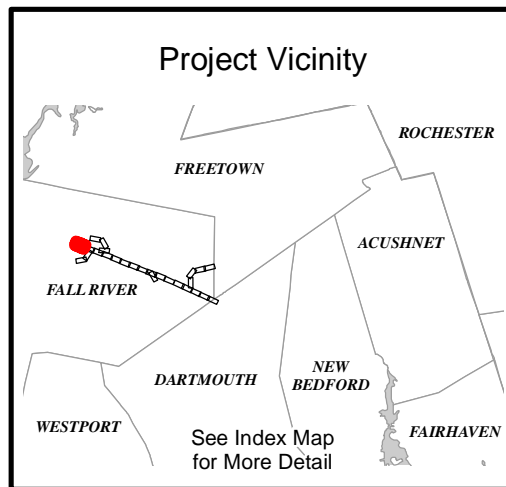
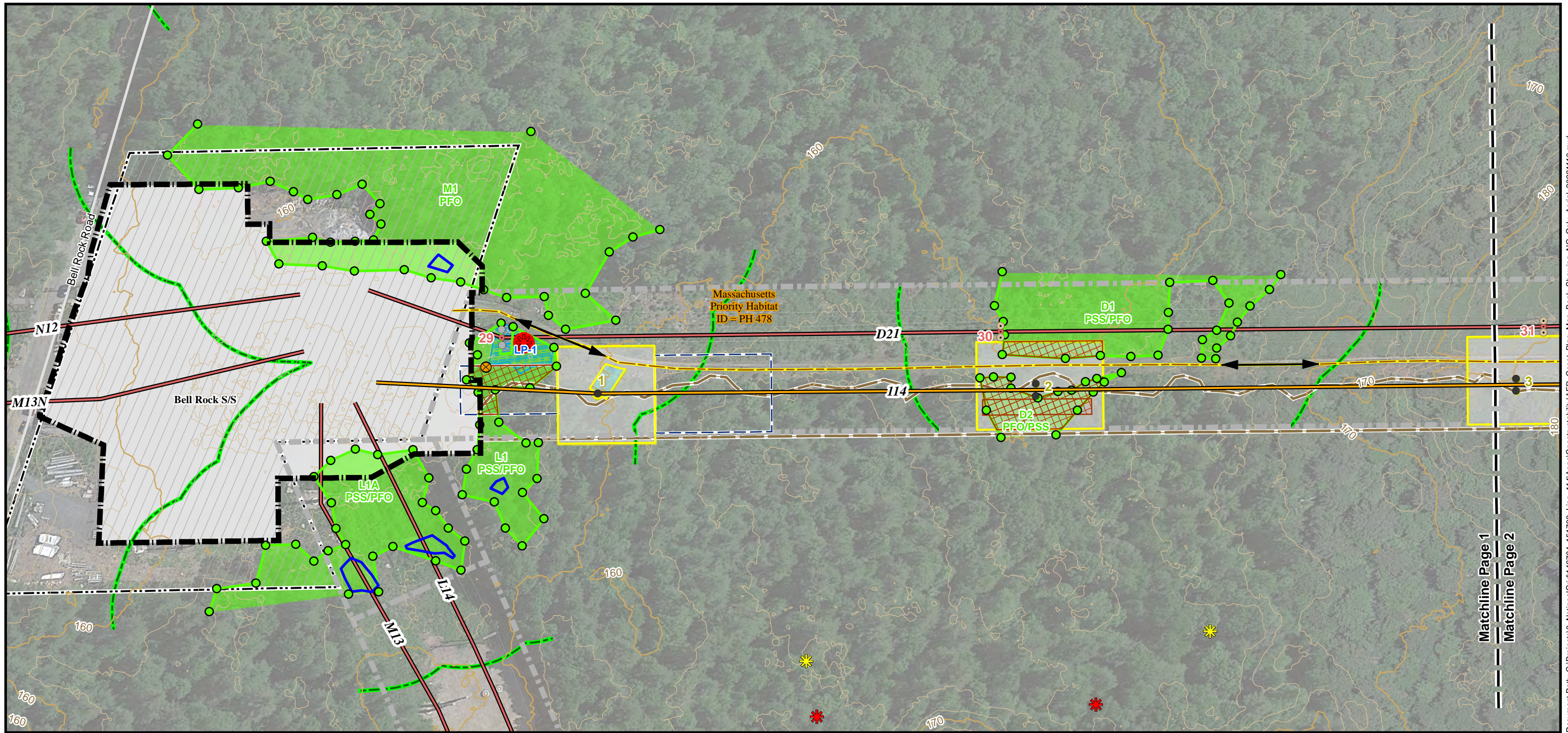
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● Proposed Steel Pole	▭ Pull Pad Work Envelope (Mow Only)	▭ Existing Right of Way	— 100 ft Buffer Wetland
— Proposed Transmission Line	● Steel Pole	— Minor Road	● Wetland Flag
- - - Existing Access - No Improvements	● Wood Pole	★ Certified Vernal Pools (NHESP)	■ Field Delineated Wetland
▭ Limit of Tree Clearing	● Existing Structure Center	★ Potential Vernal Pools (NHESP)	● Confirmed Vernal Pool
▭ Construction Mat	— Existing Transmission Line	● Field Verified Vernal Pool	▭ Priority Habitats Rare Species (MA-NHESP)
▭ Work Envelope with Minor Grading*	▭ Substation Site	● Culvert	— Major Contour (10' Interval)
▭ New or Upgraded Road	▭ National Grid Owned Land	— Wetland Border	— Contour (2' Interval)
		— Area of Inundation	

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