

Aroostook County



Transportation Study

Aroostook County, Maine

Figures



Federal Highway Administration



Maine Department of Transportation

January 2013

Volume 2 of 2



Aroostook County

Transportation Study

Aroostook County, Maine

Figures



Federal Highway Administration



Maine Department of Transportation

January 2013

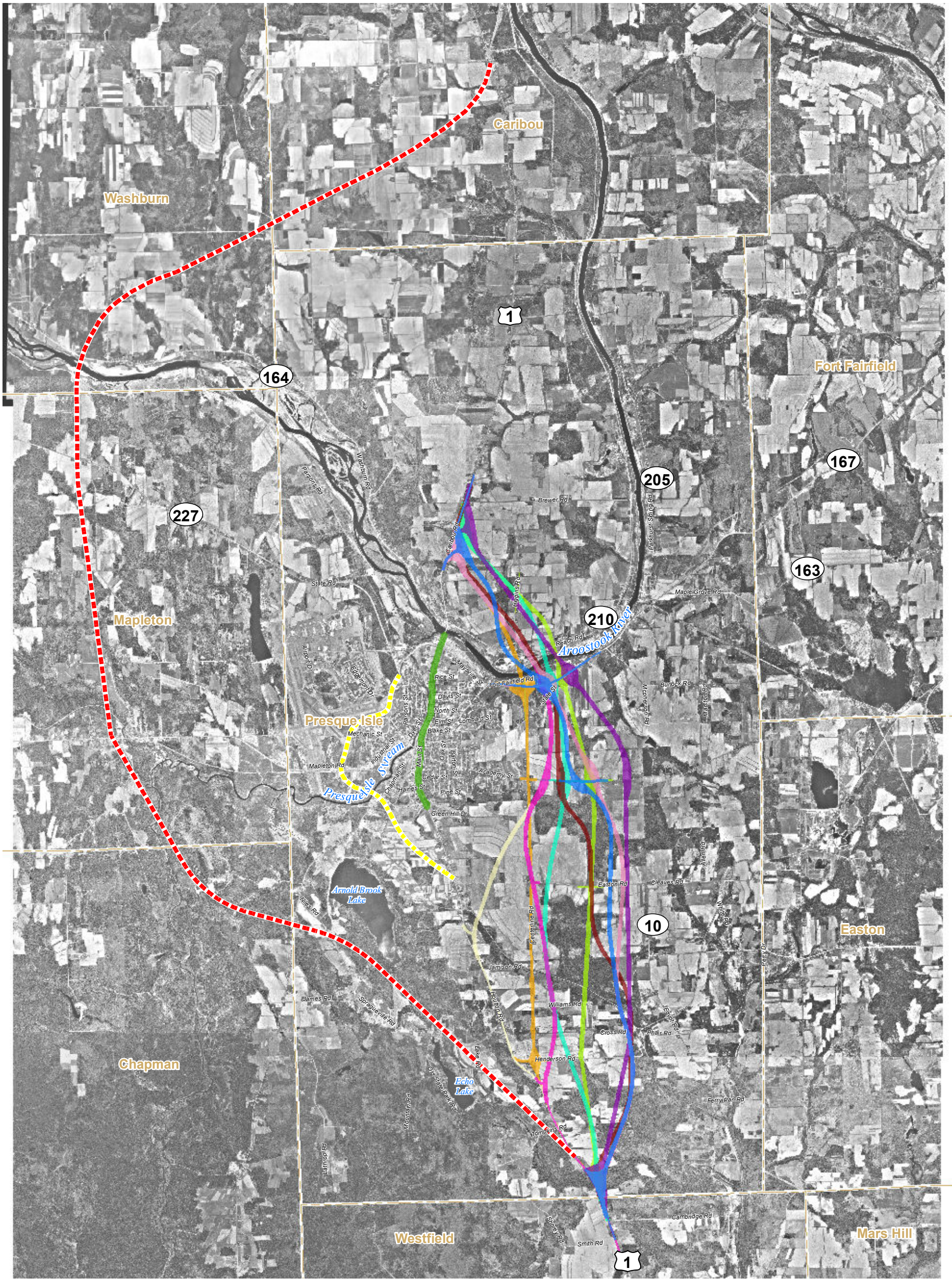
Volume 2 of 2

Figures

Figure	Title	Figure	Title
S-1	Presque Isle Bypass Alignment Options	4-7a-d	Section 4(f) Properties Superimposed over FEIS Alignment Options
S-2a-f	Detailed View of Presque Isle Bypass Alignment Option 7	4-8	Known Prehistoric or Historic Archaeological Sites Superimposed over FEIS Alignment Options
1-1	ACTS Study Area	4-9	Archaeologically Sensitive Areas Superimposed over FEIS Alignment Options
1-2	Tier 1 FEIS Corridors	4-10	Wetlands and Water Resources Superimposed over FEIS Alignment Options
2-1	Presque Isle Reference Area and Study Area	4-11a-i	Detailed View of Potential Wetlands Superimposed over FEIS Alignment Options
2-2	Presque Isle Downtown Street Network	4-12a	Potential Wetland Mitigation Parcels, Presque Isle
2-3	Presque Isle Bypass Alignment Options	4-12b	Potential Wetland Mitigation Parcel, Drew Plantation
2-4a-i	Detailed View of Presque Isle Bypass Tier 2 FEIS Alternatives	4-13	Fisheries, Wildlife, and Rare Species Superimposed over FEIS Alignment Options
2-5	Preferred Alternative – Presque Isle Bypass	4-14*	Mobile Source Air Toxics Emissions
2-6*	Ranking of Transportation Benefits		
3-1	High Crash Locations		
3-2	Key Social and Cultural Constraints		
3-3	Forested Land		
3-4a	Farmed Land		
3-4b	Farmland Soils		
3-5	Snowmobile and Pedestrian Trails		
3-6	Registered Underground Storage Tanks and Known Spills		
3-7	Known Historic Sites and Prehistoric and Historic Archaeological Sites		
3-8	Archaeologically Sensitive Areas		
3-9	Wetlands and Water Resources		
3-10	Wetland Areas		
3-11	Fisheries, Wildlife, and Rare Species		
3-12	Canada Lynx Critical Habitat		
4-1	Traffic Demand (2035)		
4-2	Key Social and Cultural Resources Superimposed over FEIS Alignment Options		
4-3	Forested Land Superimposed over FEIS Alignment Options		
4-4a	Farmed Land Superimposed over FEIS Alignment Options		
4-4b	Farmland Soils Superimposed over FEIS Alignment Options		
4-5a-d	Structures Potentially Affected By Tier 2 FEIS Alignment Options		
4-6	Registered Underground Storage Tanks and Known Spills Superimposed over FEIS Alignment Options		

*Figures 2-6 and 4-14 can be found in Volume 1 of this FEIS. All other figures can be found in this volume (Volume 2).

This Page Intentionally Left Blank



Legend
Segment 7 Alignment Options

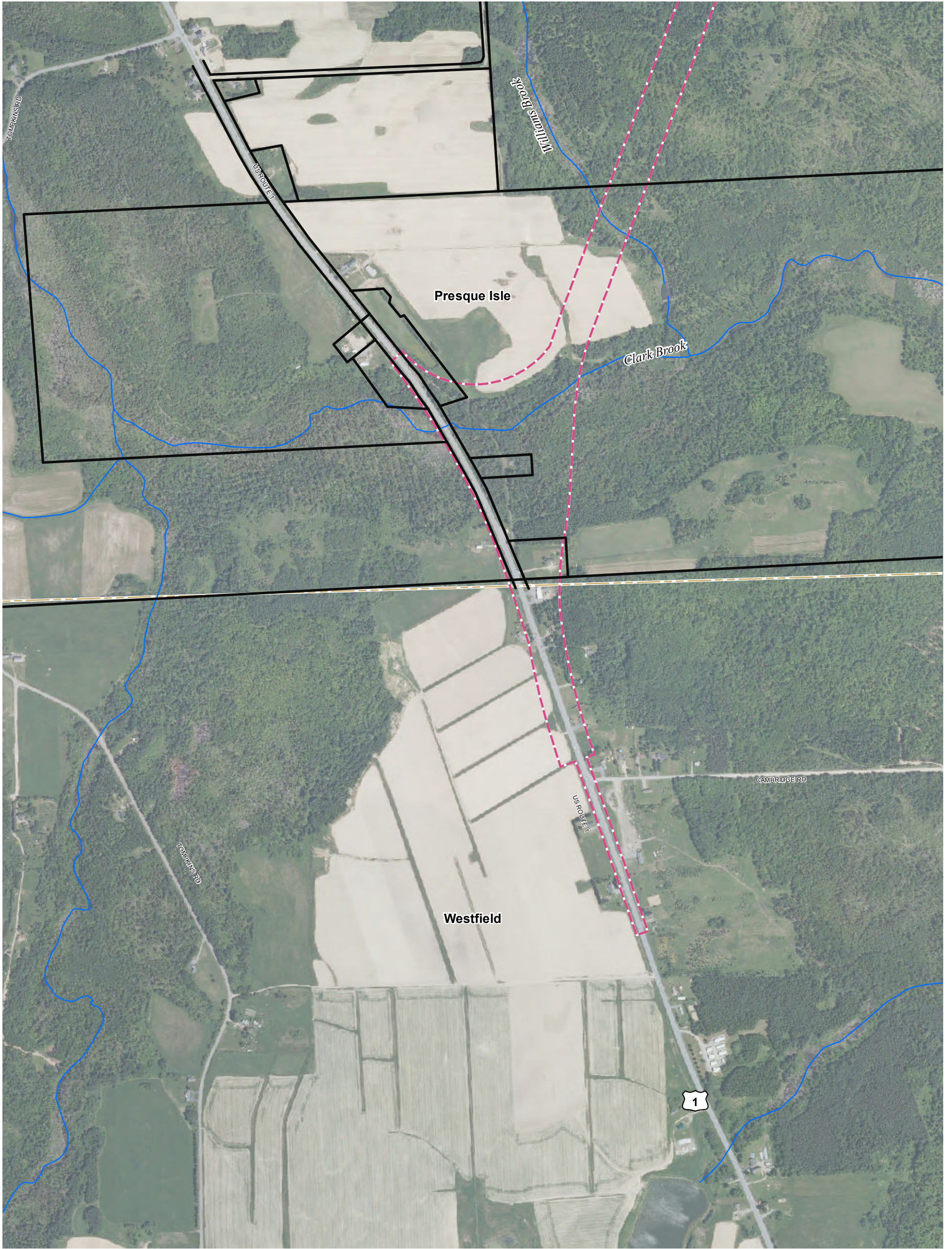
- Alignment Option 1
- Alignment Option 2X
- Alignment Option 3
- Alignment Option 4
- Alignment Option 4A
- Alignment Option 4B
- Alignment Option 5
- Alignment Option 6
- Alignment Option 7
- Route 1 Upgrade
- Far West Alternative
- Near West Alternative
- Town Boundaries

Locus






Figure S-1
Presque Isle Bypass
Alignment Options





Legend
Alignment Option
(300-foot right-of-way)

-  Alignment Option 7
-  Parcel Boundary
-  Streams

Note: Parcel boundaries are approximate
Parcel Boundary Data Source: Langille Aroostook Engineering Group, 2004

Location Map

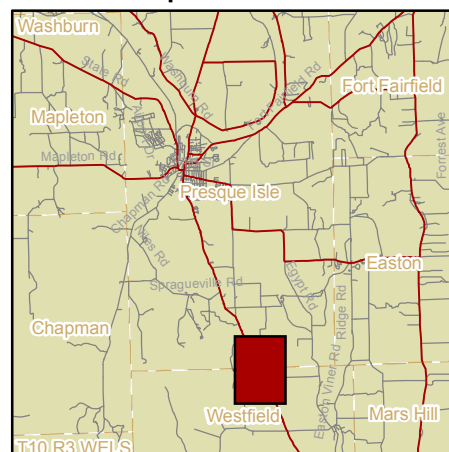
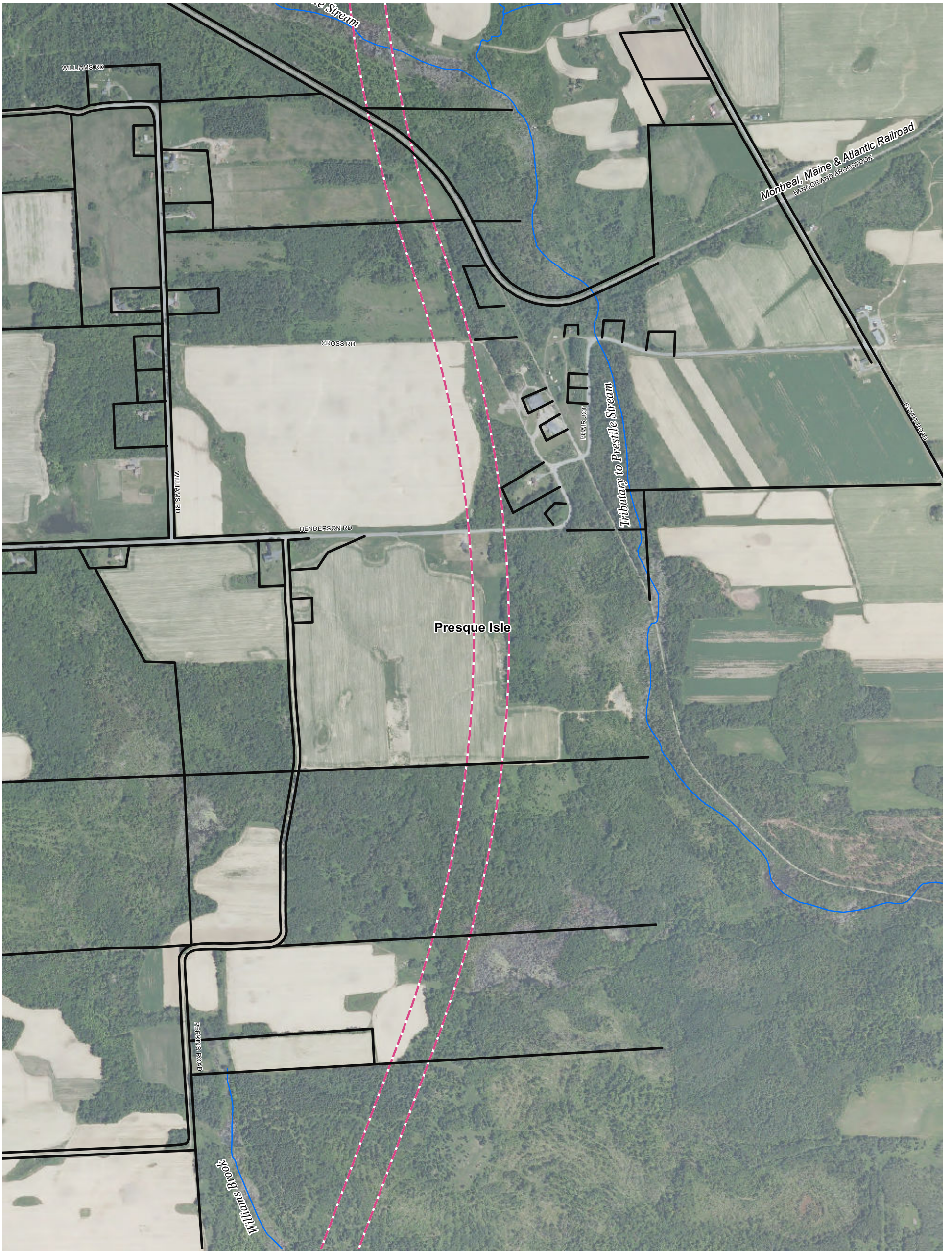





Figure S-2a
Detailed View of
Presque Isle Bypass
Alignment Option 7





Legend
Alignment Option
(300-foot right-of-way)

-  Alignment Option 7
-  Parcel Boundary
-  Streams

*Note: Parcel boundaries are approximate
Parcel Boundary Data Source: Langille Aroostook
Engineering Group, 2004*

Location Map

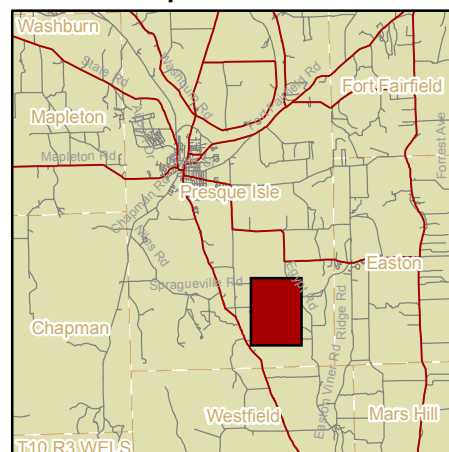
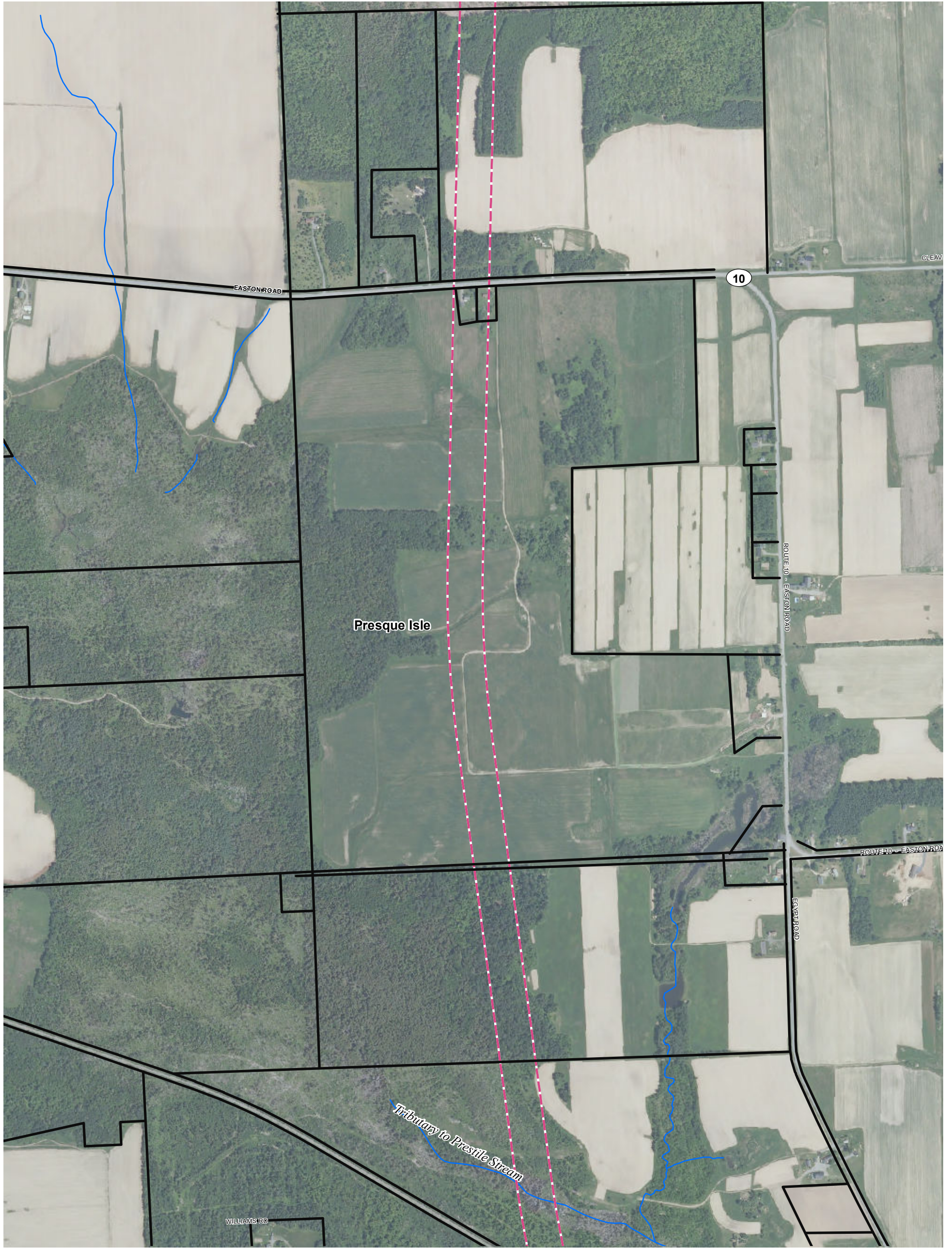





Figure S-2b
Detailed View of
Presque Isle Bypass
Alignment Option 7





Legend
Alignment Option
(300-foot right-of-way)

-  Alignment Option 7
-  Parcel Boundary
-  Streams

Note: Parcel boundaries are approximate
 Parcel Boundary Data Source: Langille Aroostook Engineering Group, 2004

Location Map

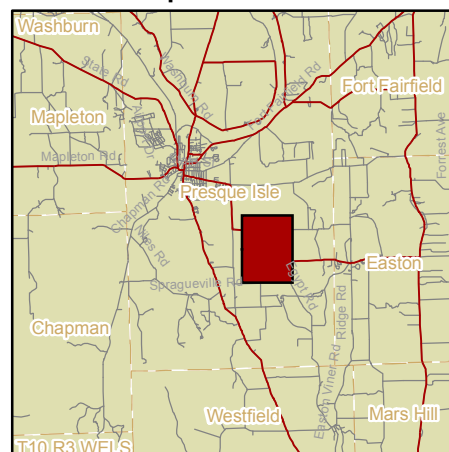
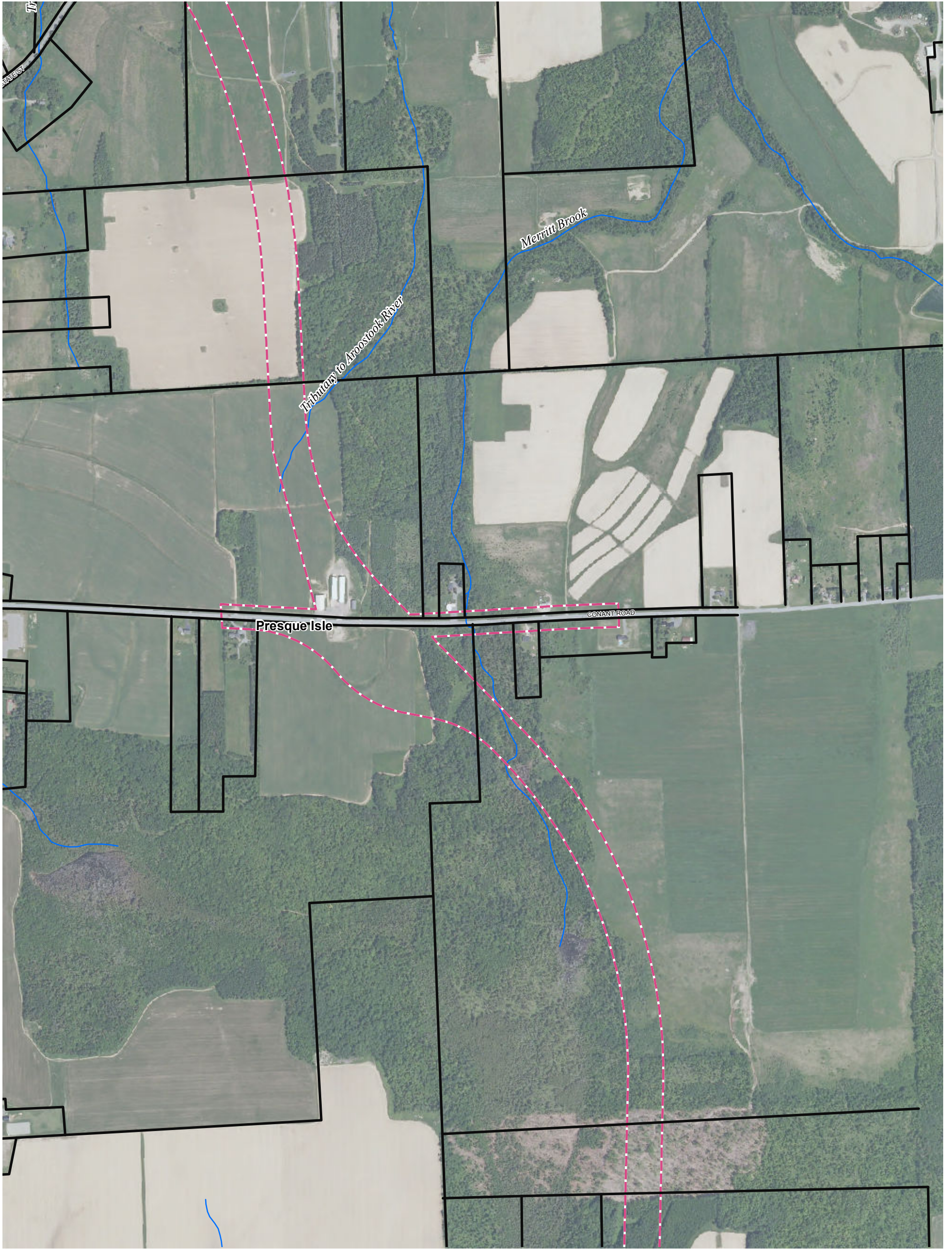





Figure S-2c
 Detailed View of
 Presque Isle Bypass
 Alignment Option 7



Legend
Alignment Option
(300-foot right-of-way)

-  Alignment Option 7
-  Parcel Boundary
-  Streams

Note: Parcel boundaries are approximate
Parcel Boundary Data Source: Langille Aroostook Engineering Group, 2004

Location Map

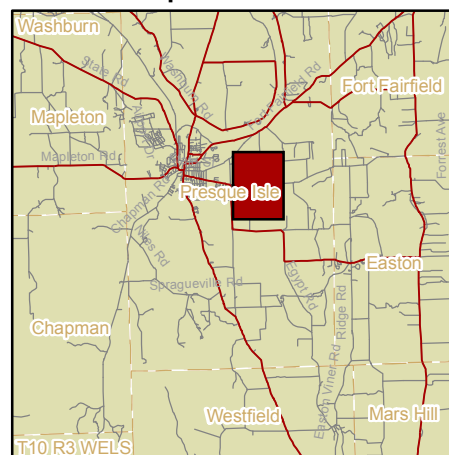
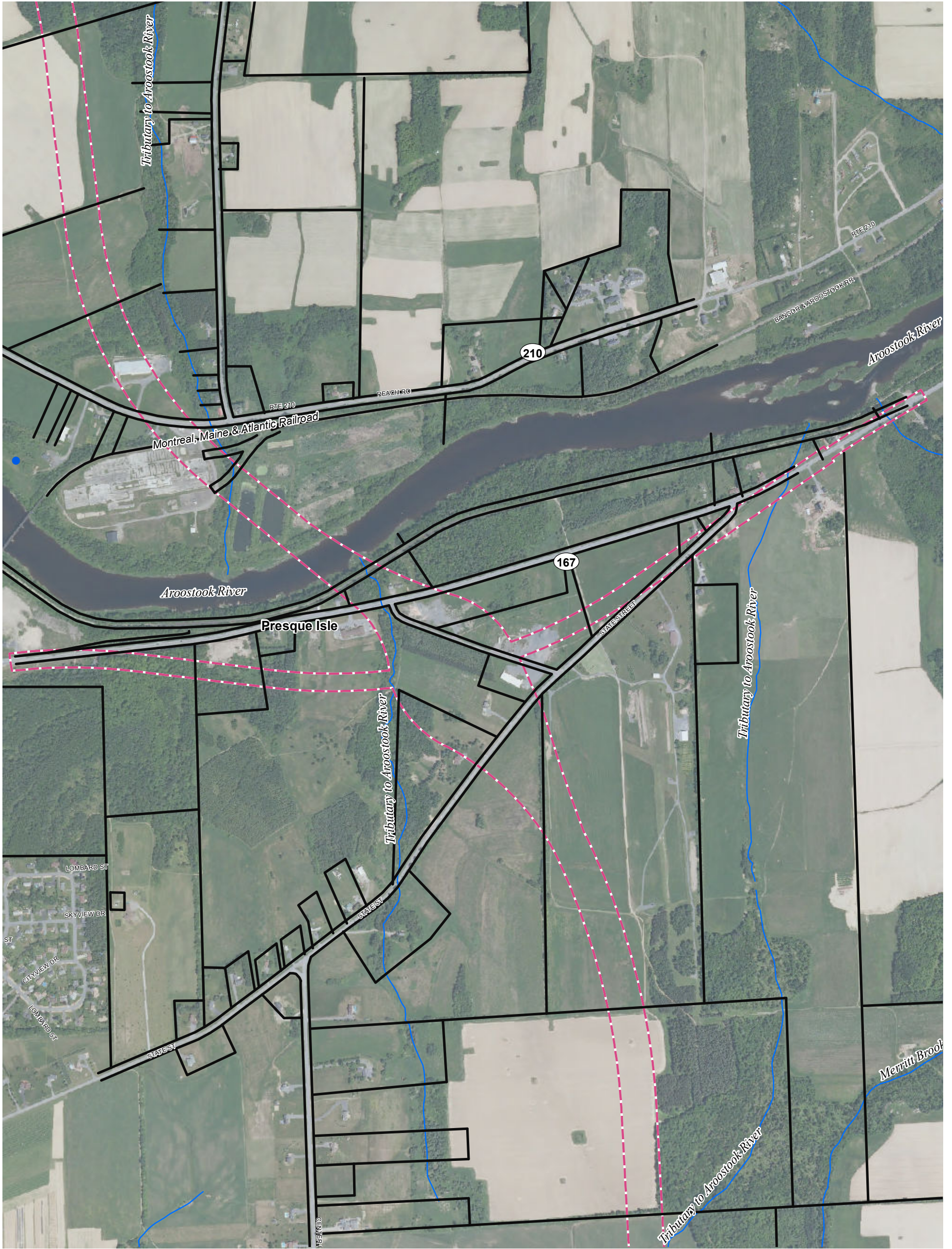





Figure S-2d
 Detailed View of
 Presque Isle Bypass
 Alignment Option 7





Legend
Alignment Option
(300-foot right-of-way)

-  Alignment Option 7
-  Parcel Boundary
-  Streams

Note: Parcel boundaries are approximate
Parcel Boundary Data Source: Langille Aroostook Engineering Group, 2004

Location Map

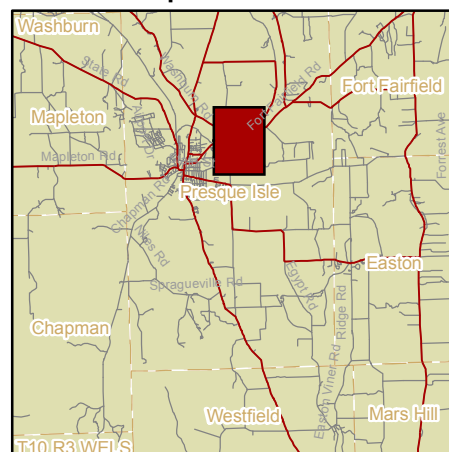





Figure S-2e
Detailed View of
Presque Isle Bypass
Alignment Option 7





Legend
Alignment Option
(300-foot right-of-way)

-  Alignment Option 7
-  Parcel Boundary
-  Streams

*Note: Parcel boundaries are approximate
Parcel Boundary Data Source: Langille Aroostook
Engineering Group, 2004*

Location Map

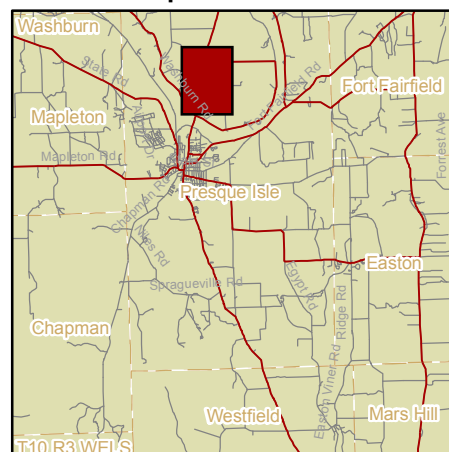
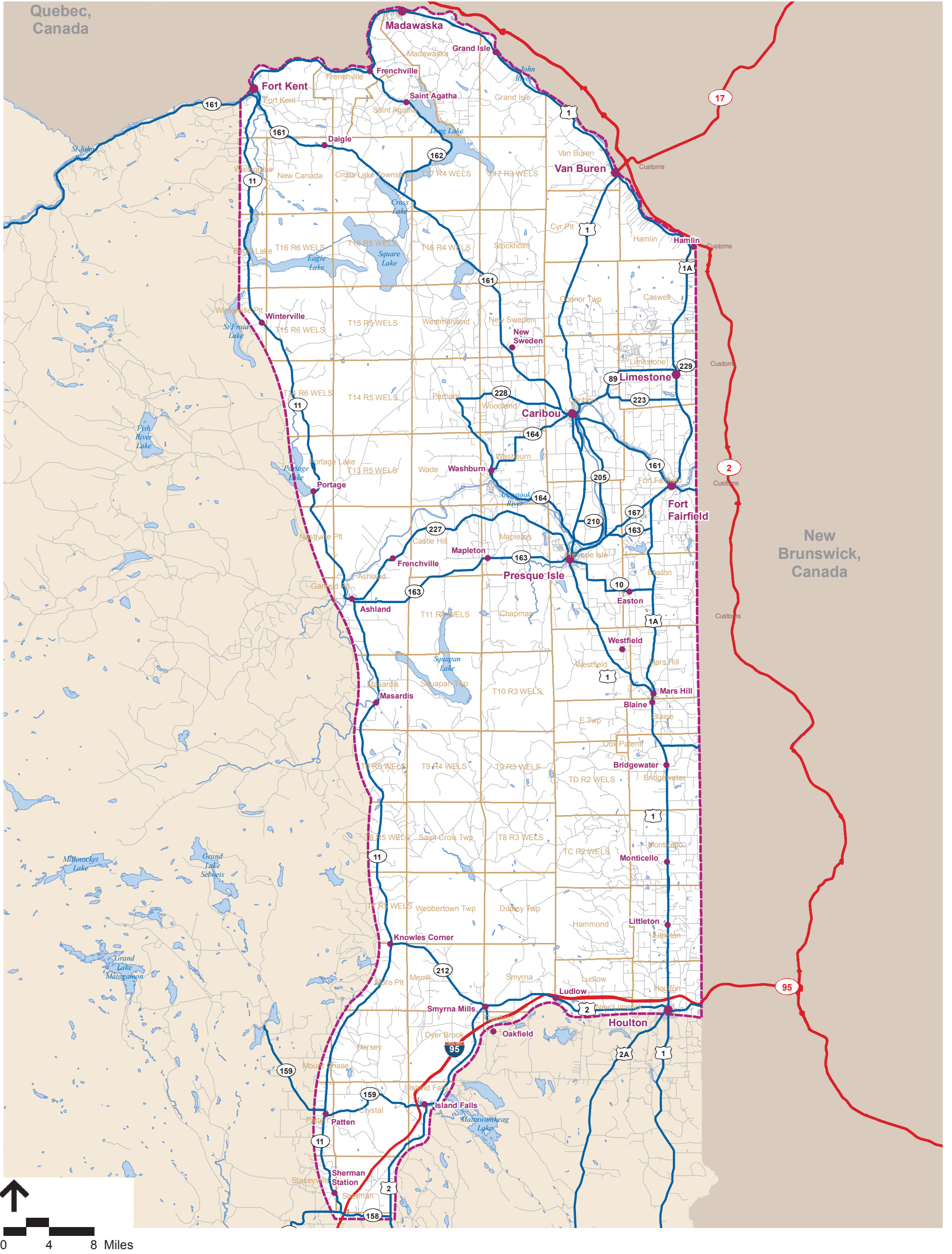


Figure S-2f
Detailed View of
Presque Isle Bypass
Alignment Option 7





- Limit of Study Area
- Major Roads
- Limited Access Highways

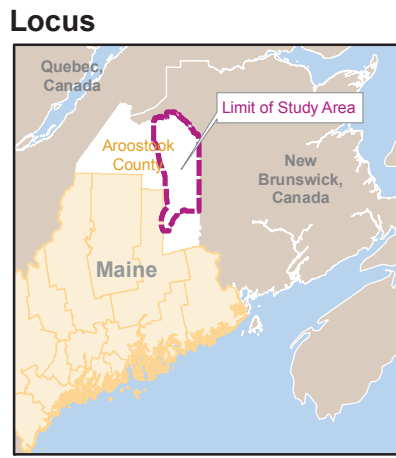
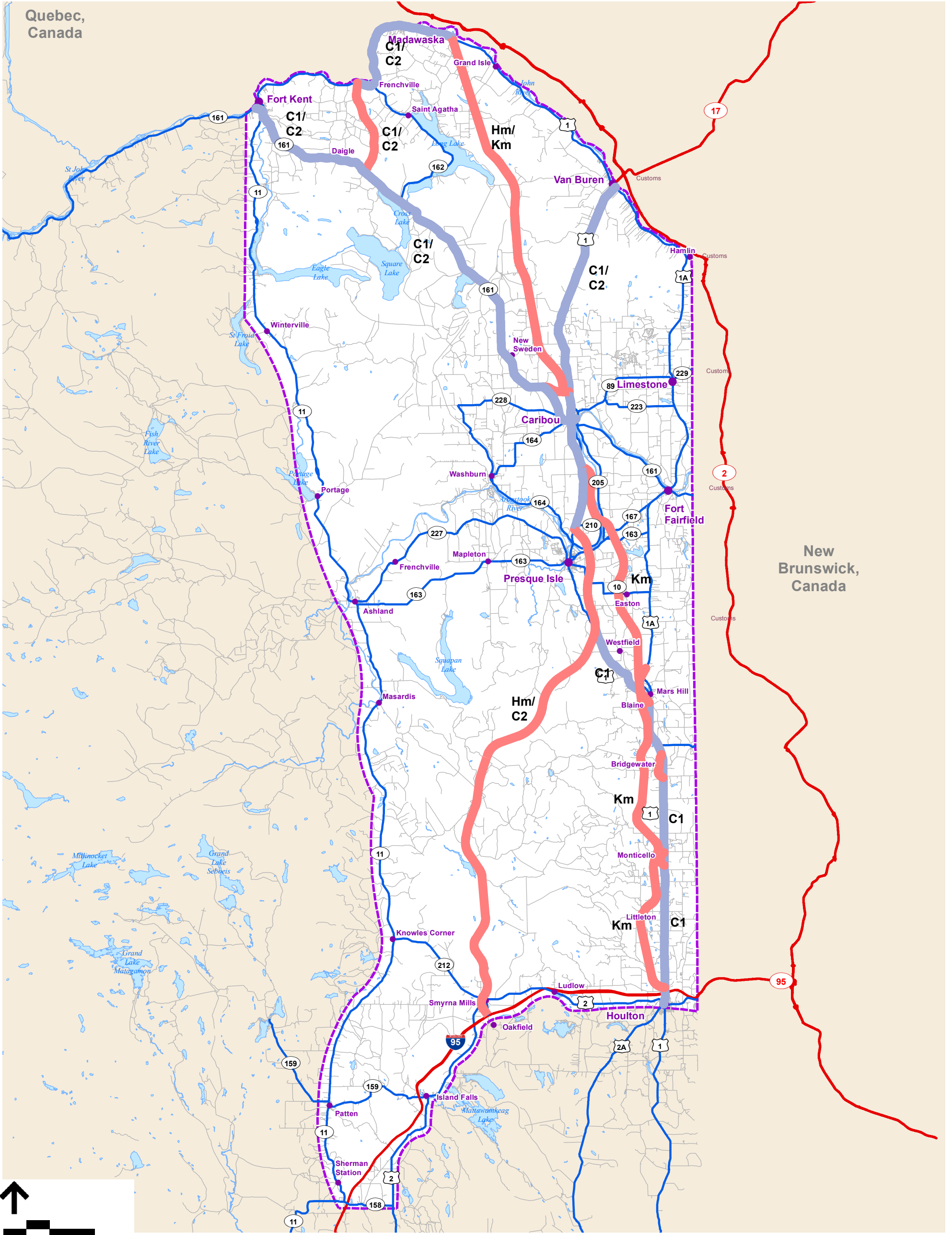





Figure 1-1
ACTS Study Area



-  Limit of Study Area
-  Upgrade Corridor
-  New Highway

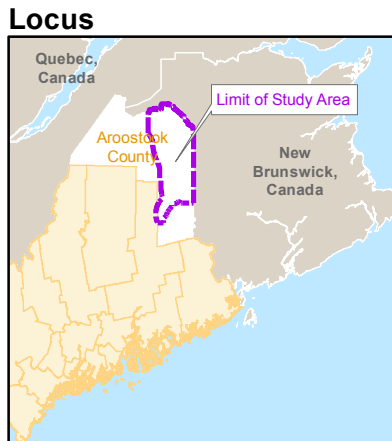
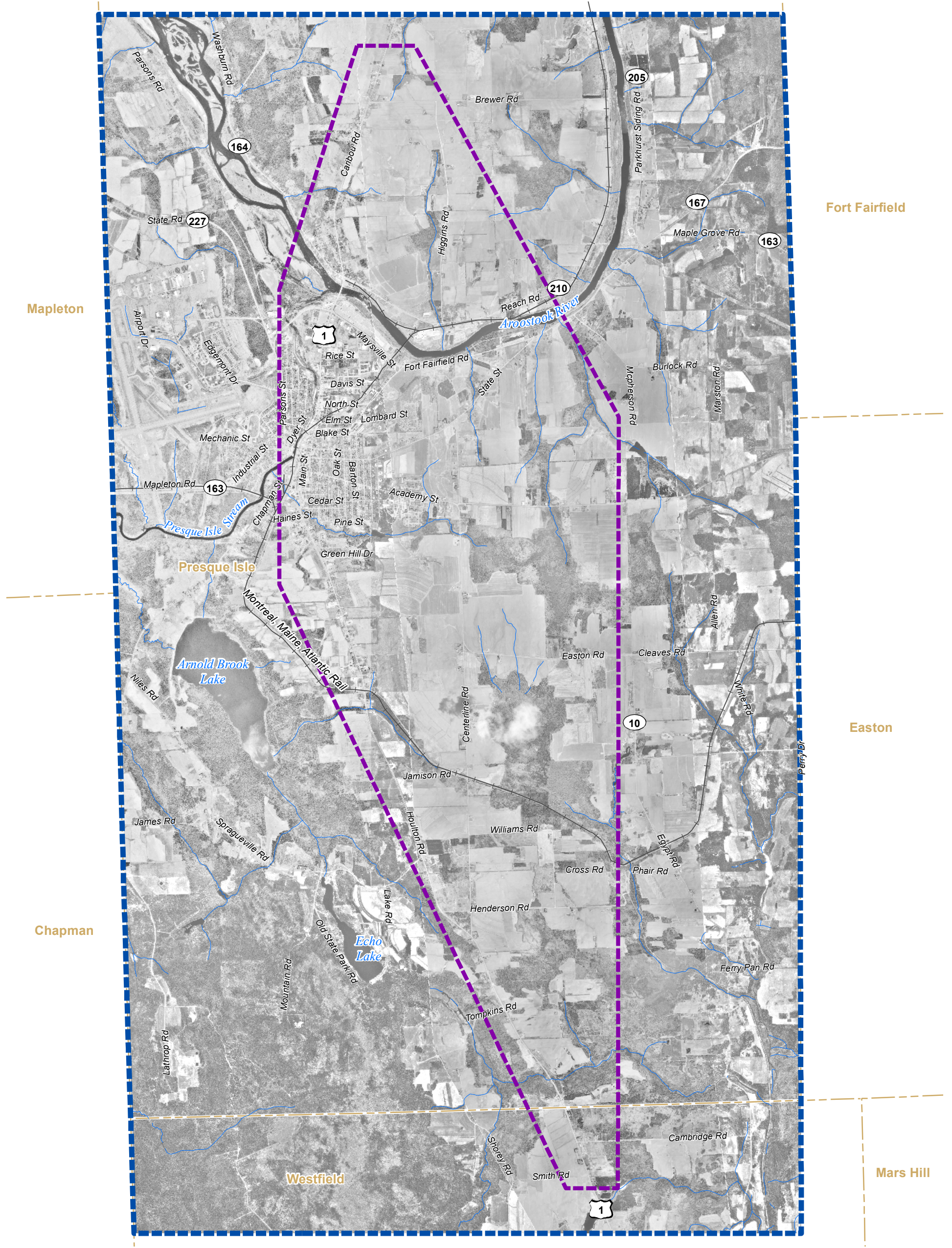


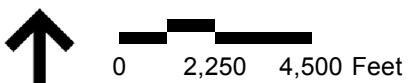
Figure 1-2
Tier 1 FEIS Corridors



- Legend**
- Town Boundaries
 - Boundary of Reference Area
 - Boundary of Study Area



Figure 2-1
Presque Isle
Reference Area and Study Area



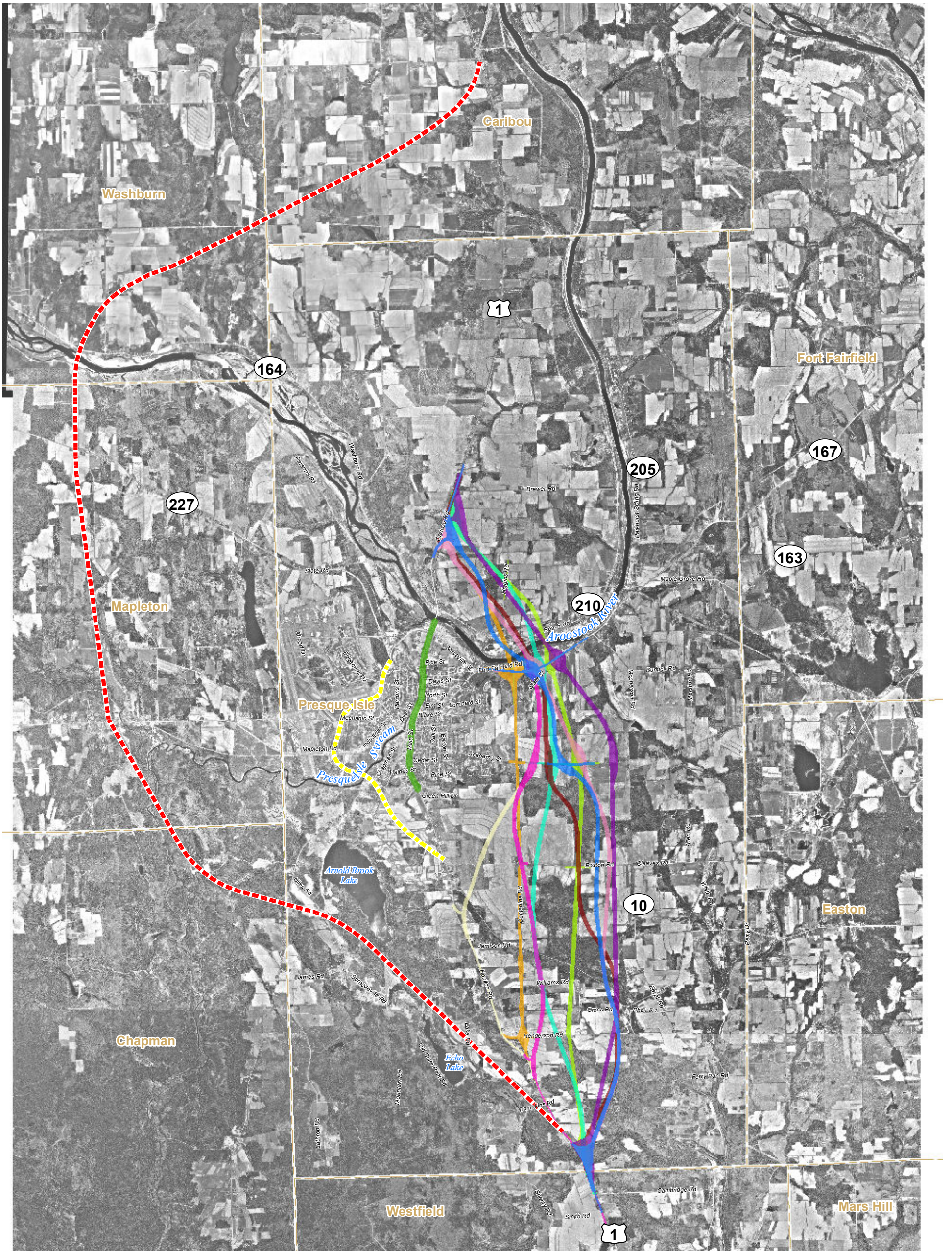


Locus



Figure 2-2
Presque Isle
Downtown Street Network





Legend
Segment 7 Alignment Options

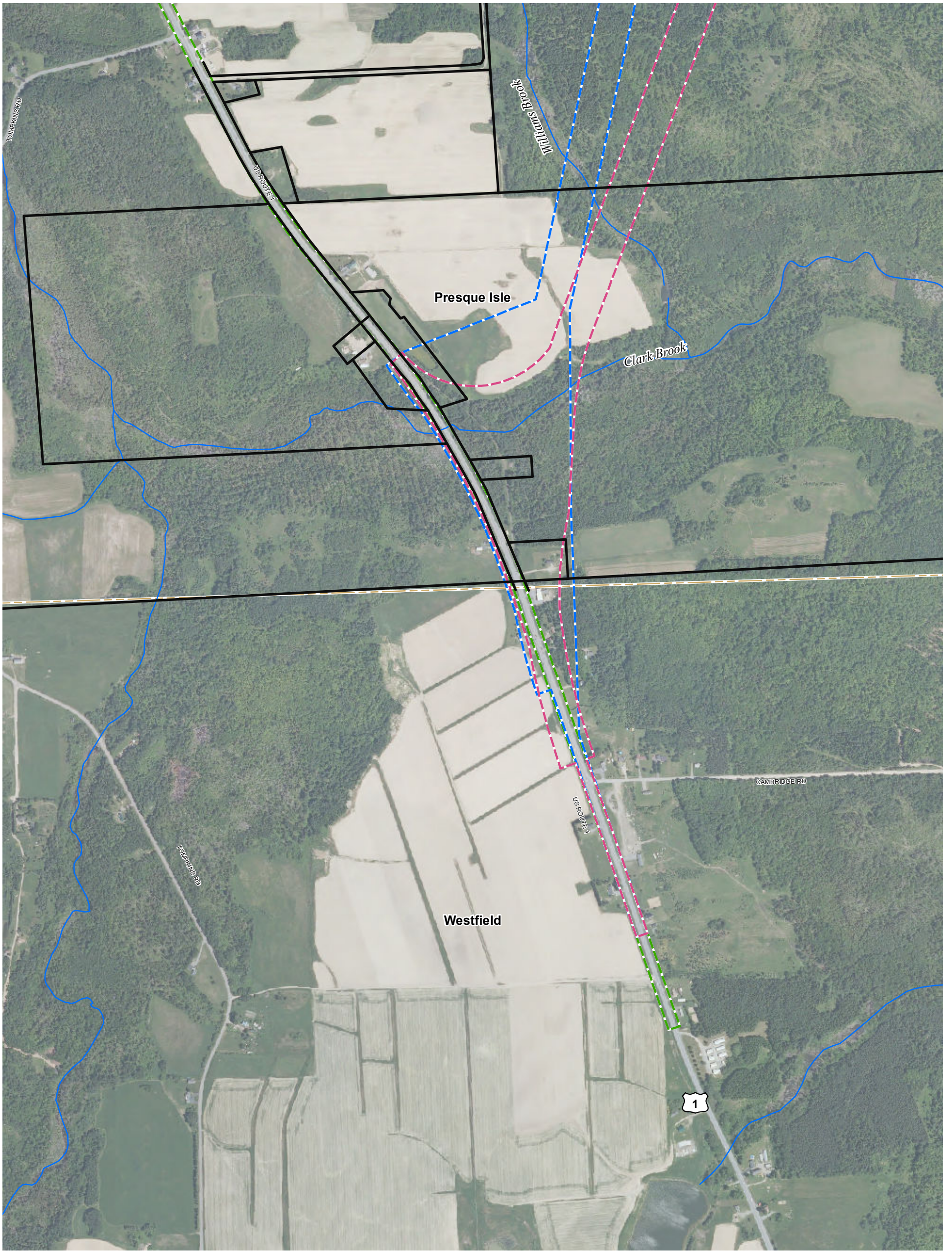
- Alignment Option 1
- Alignment Option 2X
- Alignment Option 3
- Alignment Option 4
- Alignment Option 4A
- Alignment Option 4B
- Alignment Option 5
- Alignment Option 6
- Alignment Option 7
- Route 1 Upgrade
- Far West Alternative
- Near West Alternative
- Town Boundaries

Locus






Figure 2-3
Presque Isle Bypass
Alignment Options







Legend

**Alignment Options
(300-foot right-of-way)**

-  Alignment Option 4B
-  Alignment Option 6
-  Alignment Option 7

-  Parcel Boundary
-  Streams

*Note: Parcel boundaries are approximate
Parcel Boundary Data Source: Langille Aroostook
Engineering Group, 2004*

Location Map

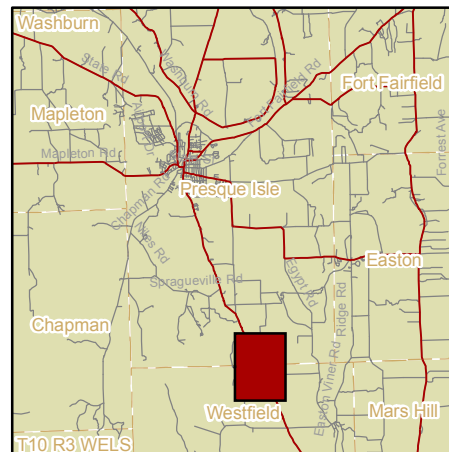
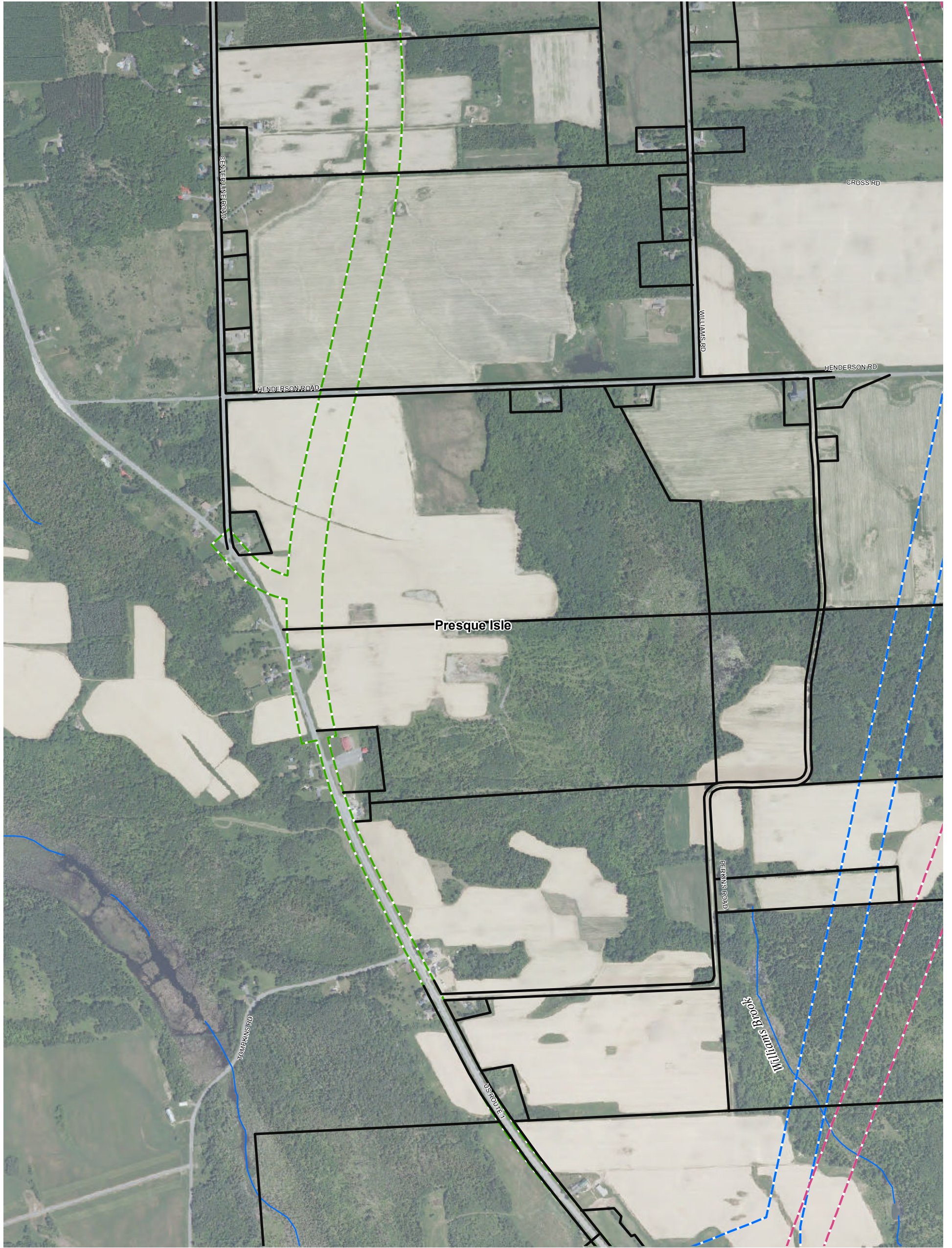


Figure 2-4a
Detailed View of
Presque Isle Bypass
Tier 2 FEIS Alternatives





Legend

**Alignment Options
(300-foot right-of-way)**

- Alignment Option 4B
- Alignment Option 6
- Alignment Option 7

- Parcel Boundary
- Streams

Note: Parcel boundaries are approximate

Parcel Boundary Data Source: Langille Aroostook Engineering Group, 2004

Location Map

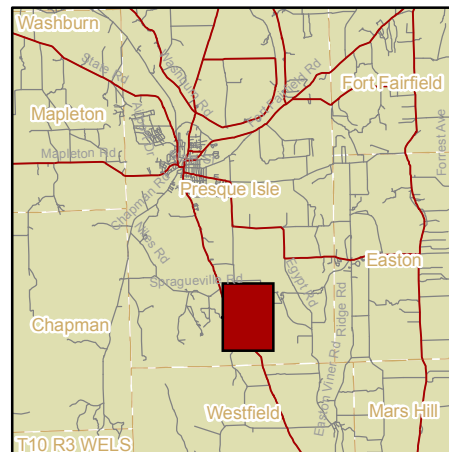
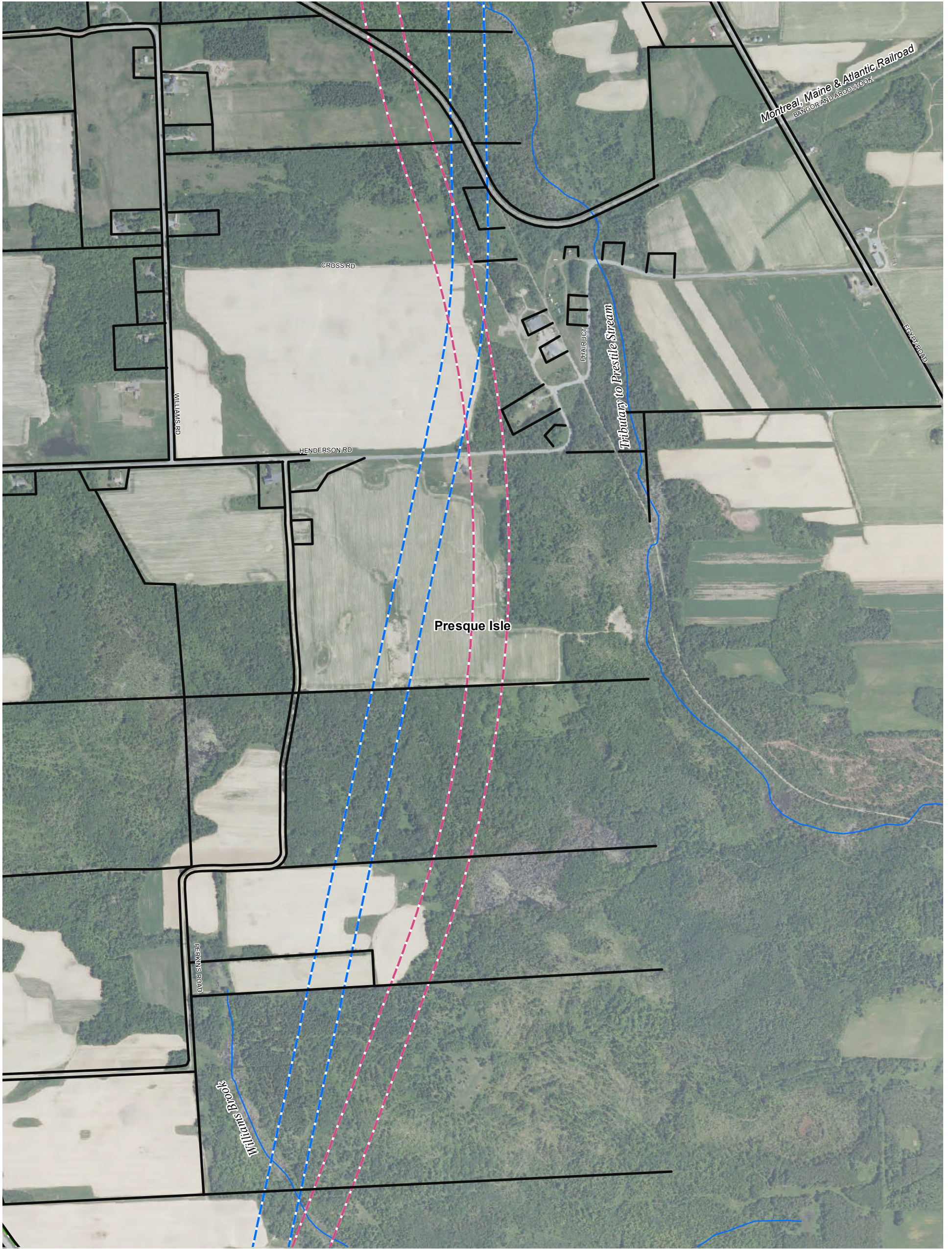


Figure 2-4b
Detailed View of
Presque Isle Bypass
Tier 2 FEIS Alternatives





Legend

**Alignment Options
(300-foot right-of-way)**

- Alignment Option 4B
- Alignment Option 6
- Alignment Option 7

- Parcel Boundary
- Streams

*Note: Parcel boundaries are approximate
Parcel Boundary Data Source: Langille Aroostook
Engineering Group, 2004*

Location Map

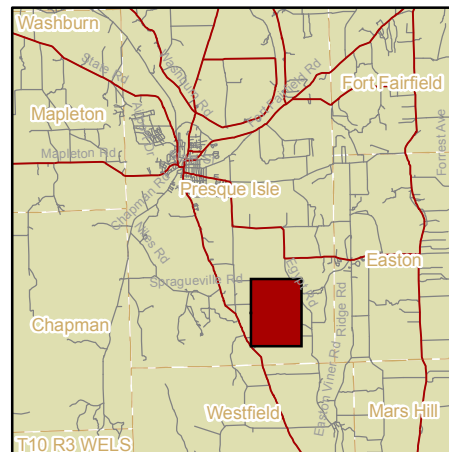
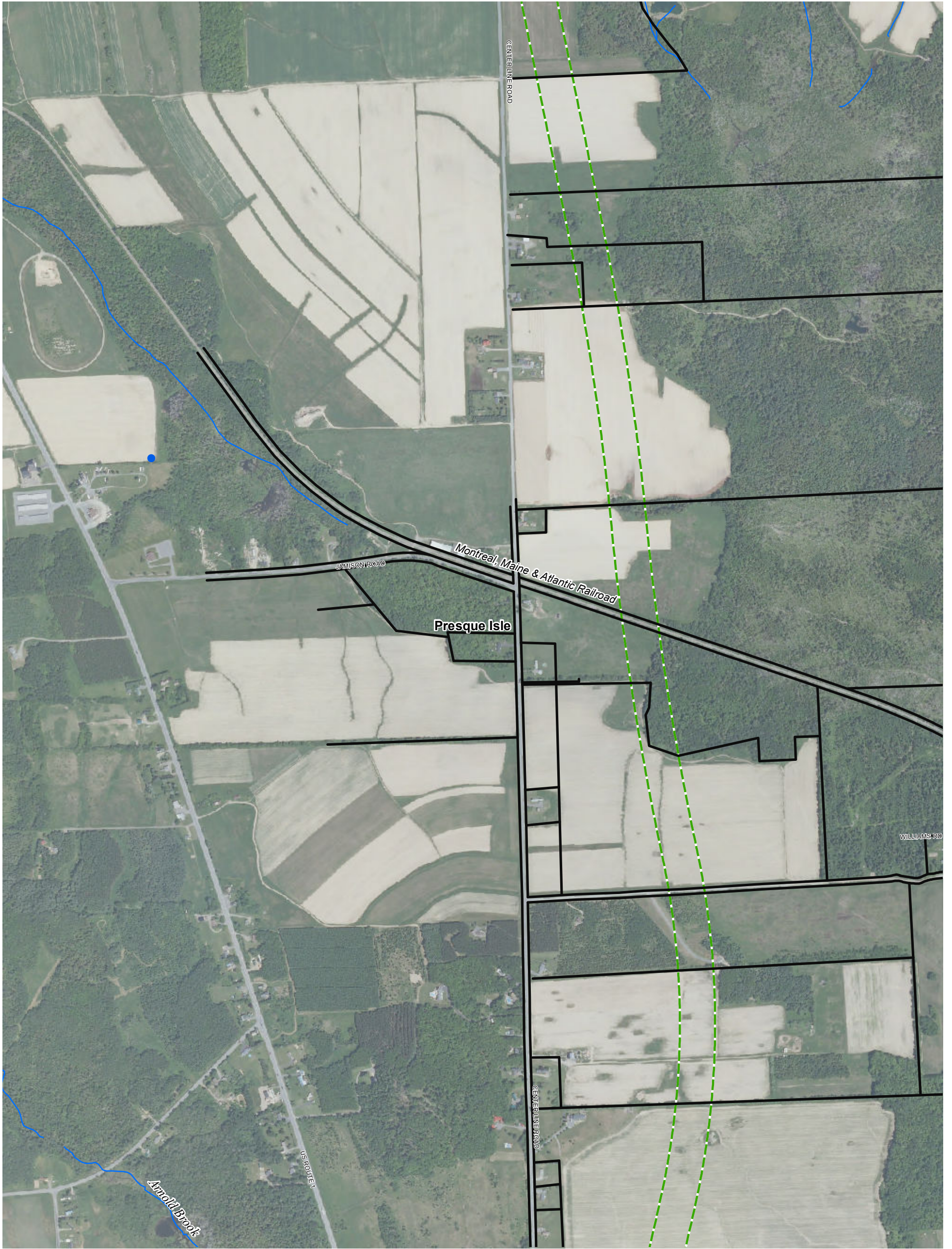


Figure 2-4c
Detailed View of
Presque Isle Bypass
Tier 2 FEIS Alternatives





Legend

**Alignment Options
(300-foot right-of-way)**

- Alignment Option 4B
- Alignment Option 6
- Alignment Option 7

Note: Parcel boundaries are approximate

Parcel Boundary Data Source: Langille Aroostook Engineering Group, 2004

- Parcel Boundary
- Streams

Location Map

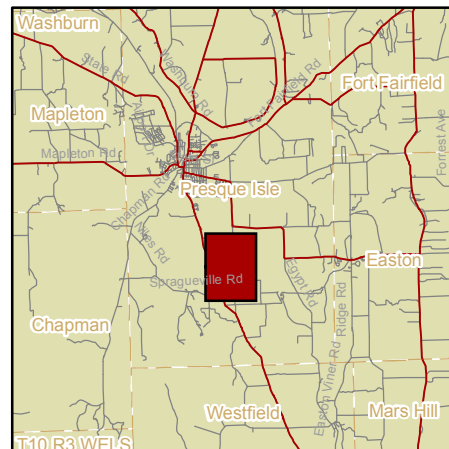
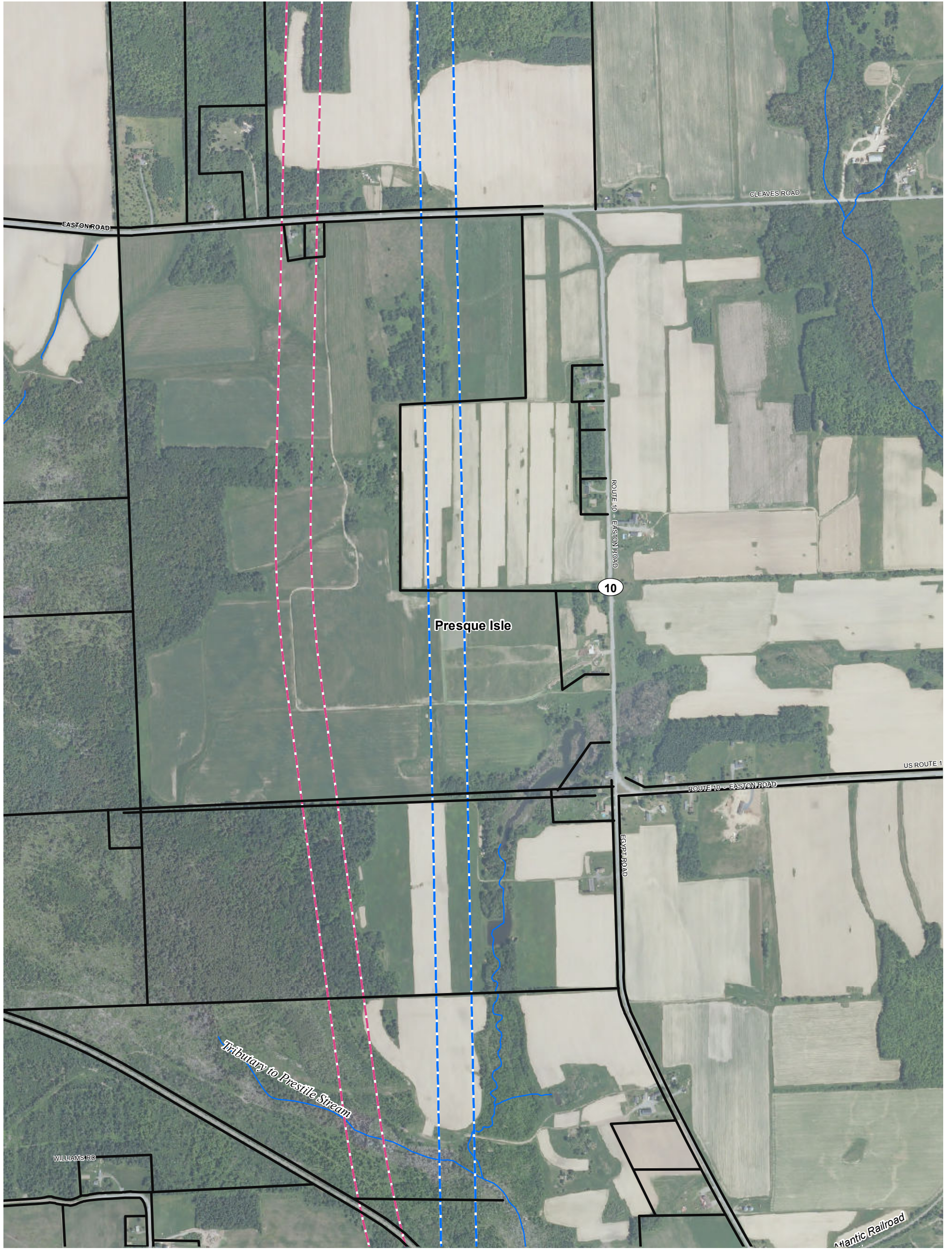


Figure 2-4d
Detailed View of
Presque Isle Bypass
Tier 2 FEIS Alternatives





Legend

**Alignment Options
(300-foot right-of-way)**

- Alignment Option 4B
- Alignment Option 6
- Alignment Option 7

- Parcel Boundary
- Streams

*Note: Parcel boundaries are approximate
Parcel Boundary Data Source: Langille Aroostook
Engineering Group, 2004*

Location Map

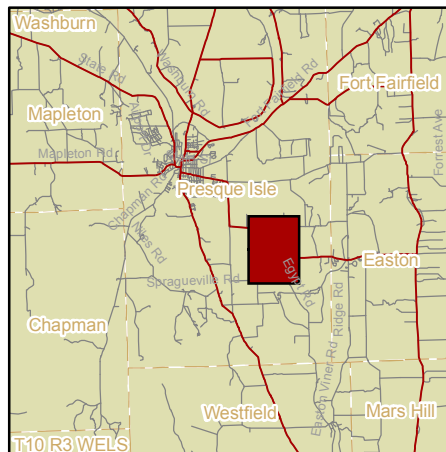
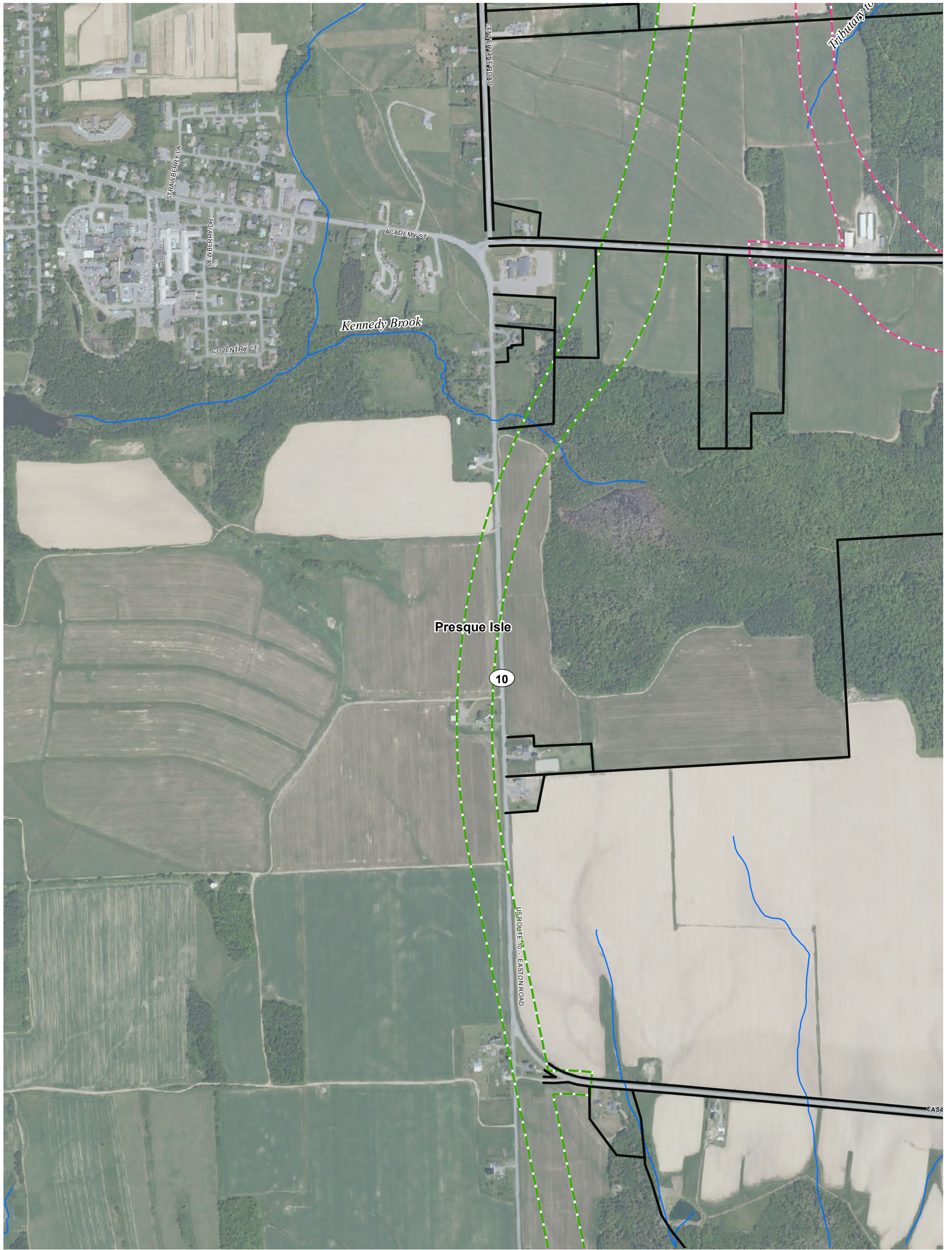





Figure 2-4e
Detailed View of
Presque Isle Bypass
Tier 2 FEIS Alternatives







Legend

**Alignment Options
(300-foot right-of-way)**

-  Alignment Option 4B
-  Alignment Option 6
-  Alignment Option 7

Note: Parcel boundaries are approximate

Parcel Boundary Data Source: Langille Aroostook Engineering Group, 2004

-  Parcel Boundary
-  Streams

Location Map

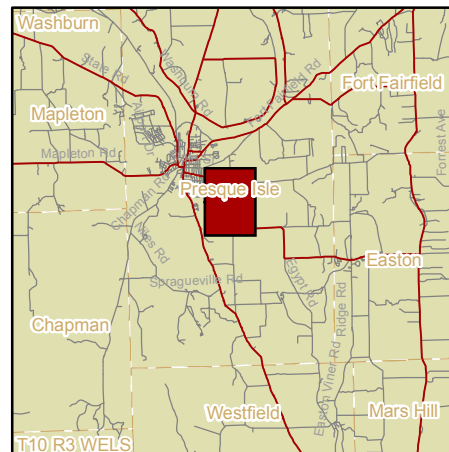
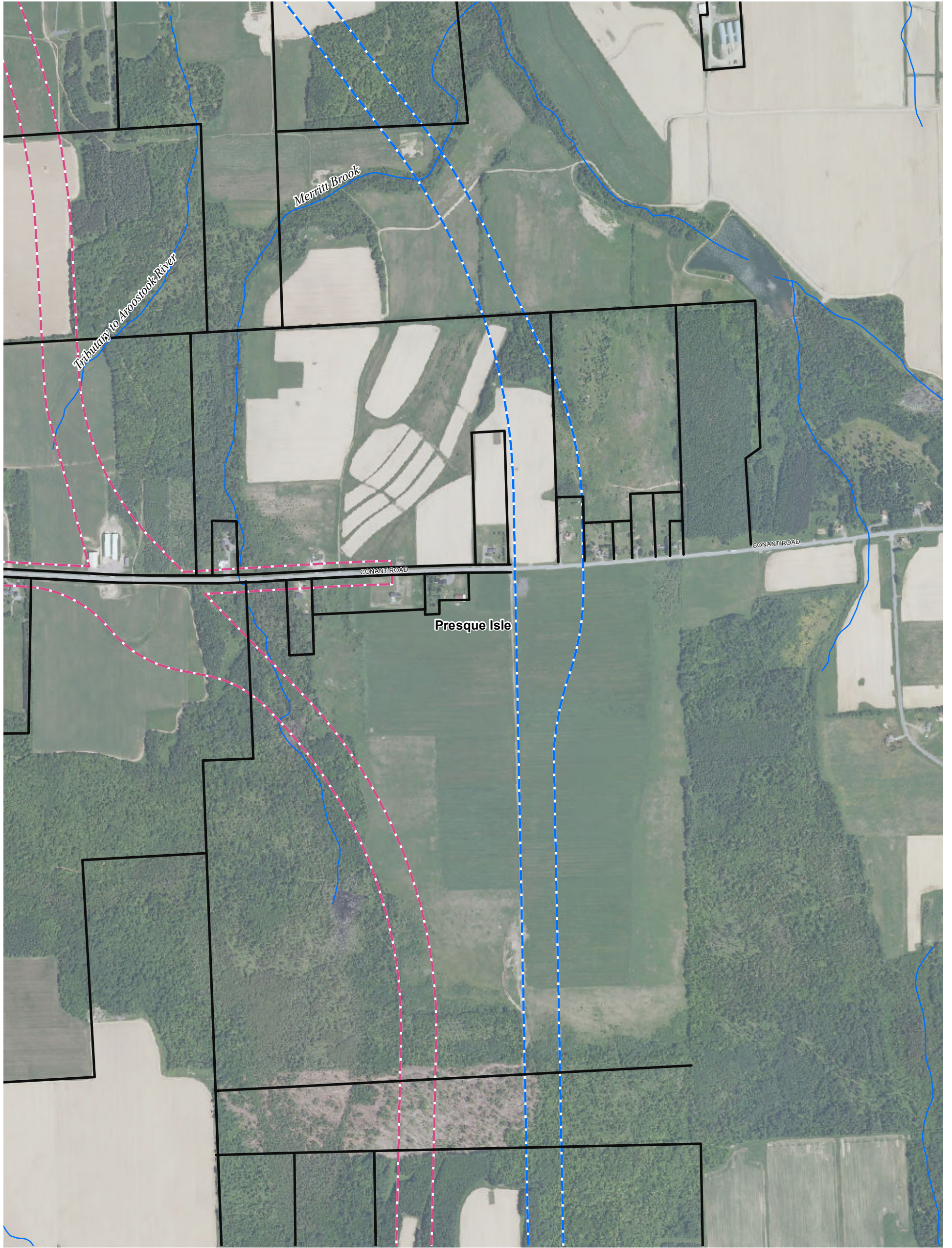


Figure 2-4f
Detailed View of
Presque Isle Bypass
Tier 2 FEIS Alternatives





Legend
Alignment Options
(300-foot right-of-way)

- Alignment Option 4B
- Alignment Option 6
- Alignment Option 7

- Parcel Boundary
- Streams

Note: Parcel boundaries are approximate
Parcel Boundary Data Source: Langille Aroostook Engineering Group, 2004

Location Map

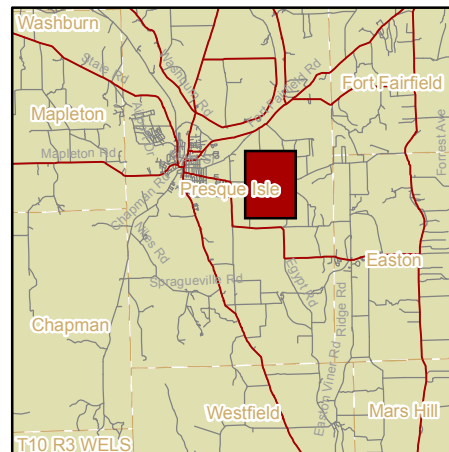
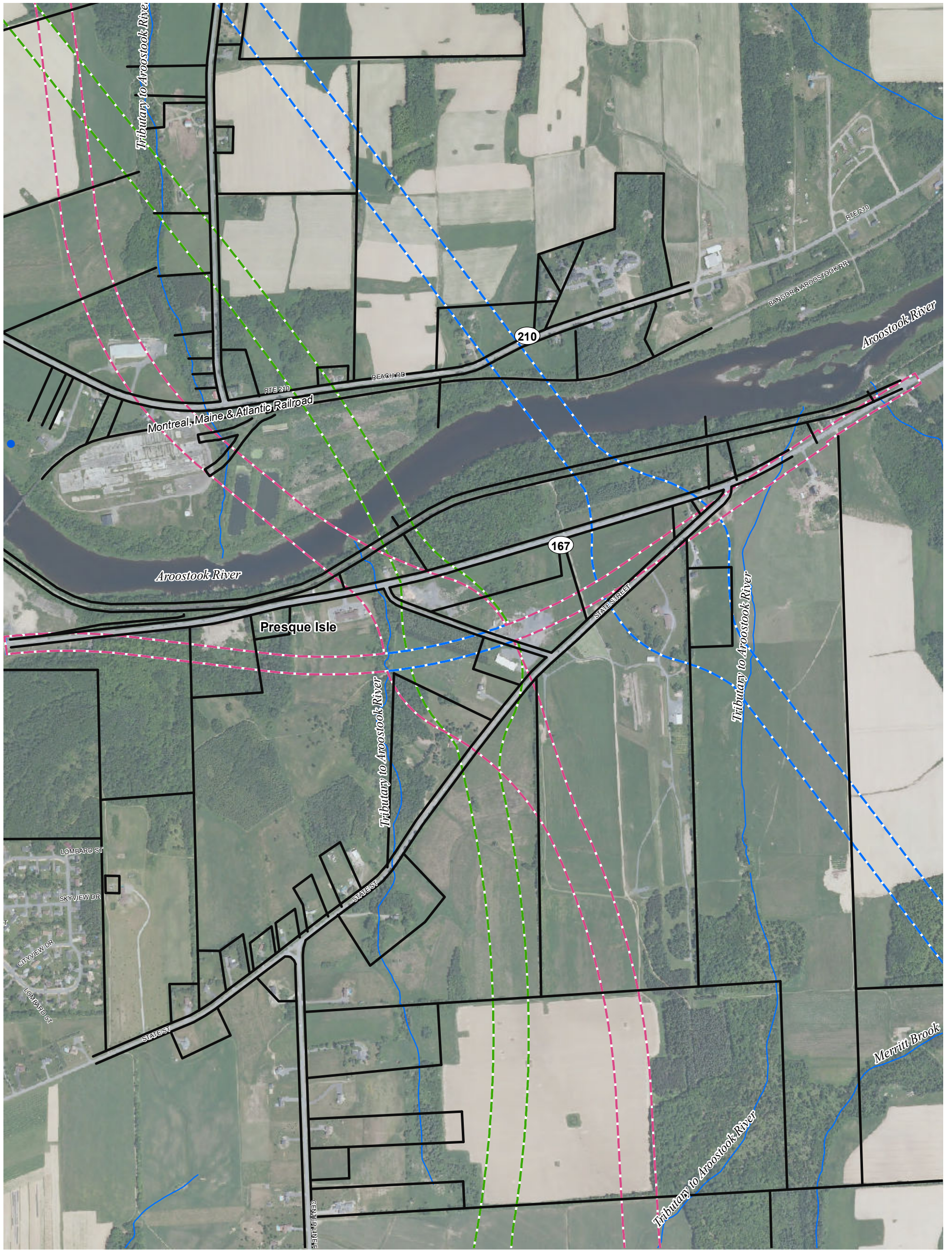







Figure 2-4g
 Detailed View of
 Presque Isle Bypass
 Tier 2 FEIS Alternatives





Legend
Alignment Options
(300-foot right-of-way)

-  Alignment Option 4B
-  Alignment Option 6
-  Alignment Option 7
-  Parcel Boundary
-  Streams

Note: Parcel boundaries are approximate
Parcel Boundary Data Source: Langille Aroostook Engineering Group, 2004

Location Map

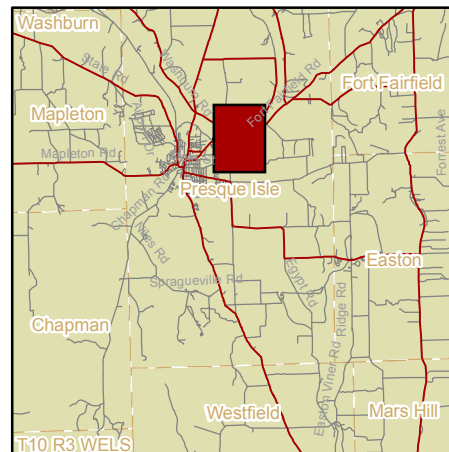
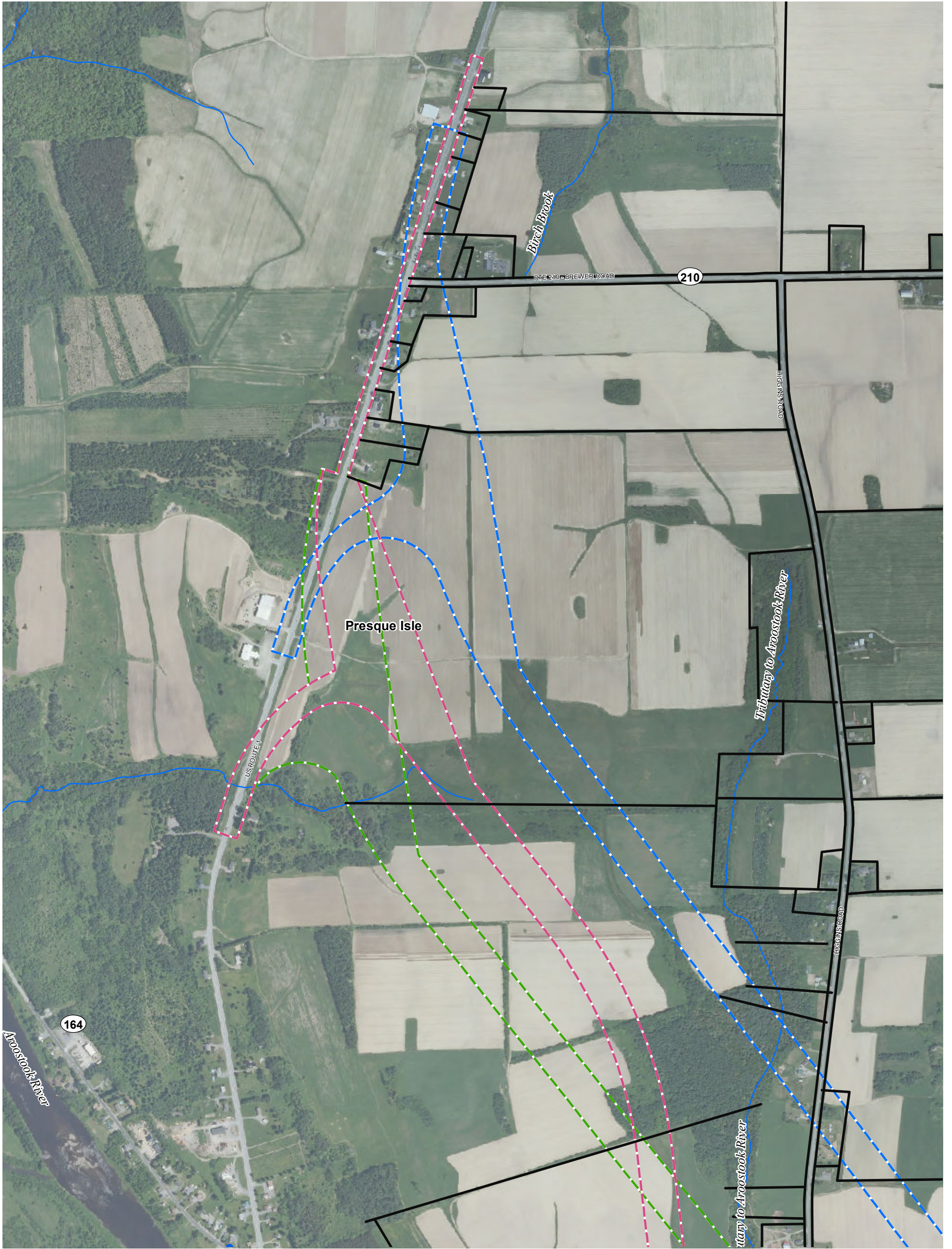


Figure 2-4h
Detailed View of
Presque Isle Bypass
Tier 2 FEIS Alternatives





Legend
Alignment Options
(300-foot right-of-way)

- Alignment Option 4B
- Alignment Option 6
- Alignment Option 7

- Parcel Boundary
- Streams

Note: Parcel boundaries are approximate
Parcel Boundary Data Source: Langille Aroostook Engineering Group, 2004

Location Map

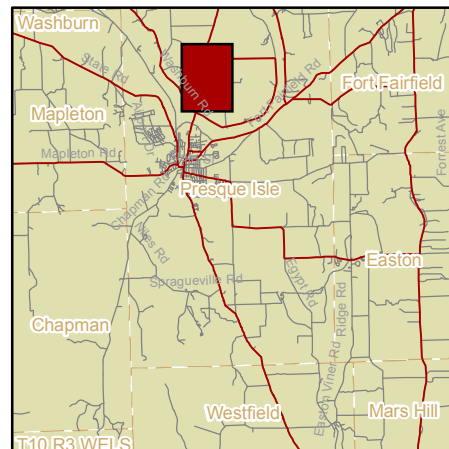
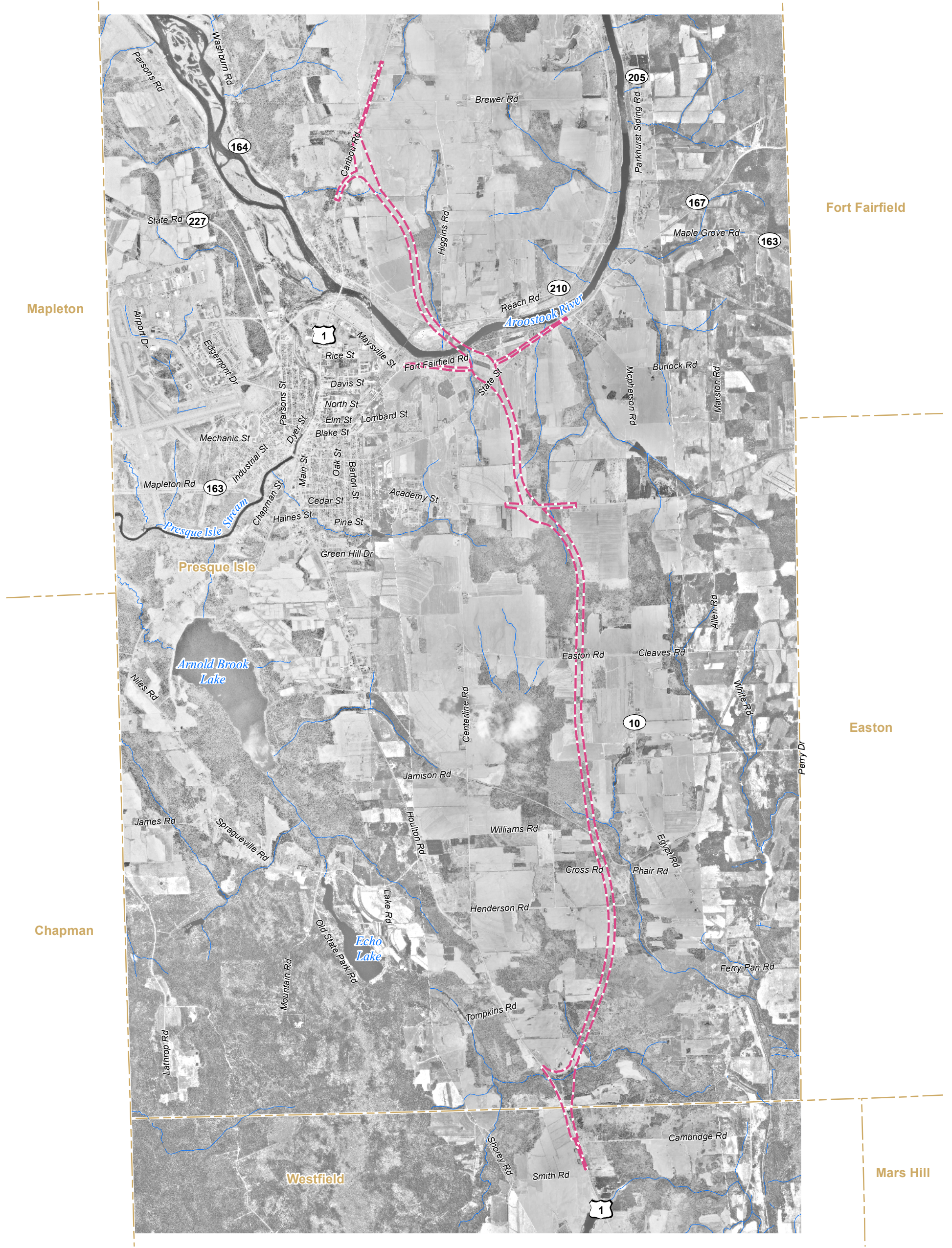


Figure 2-4i
Detailed View of
Presque Isle Bypass
Tier 2 FEIS Alternatives



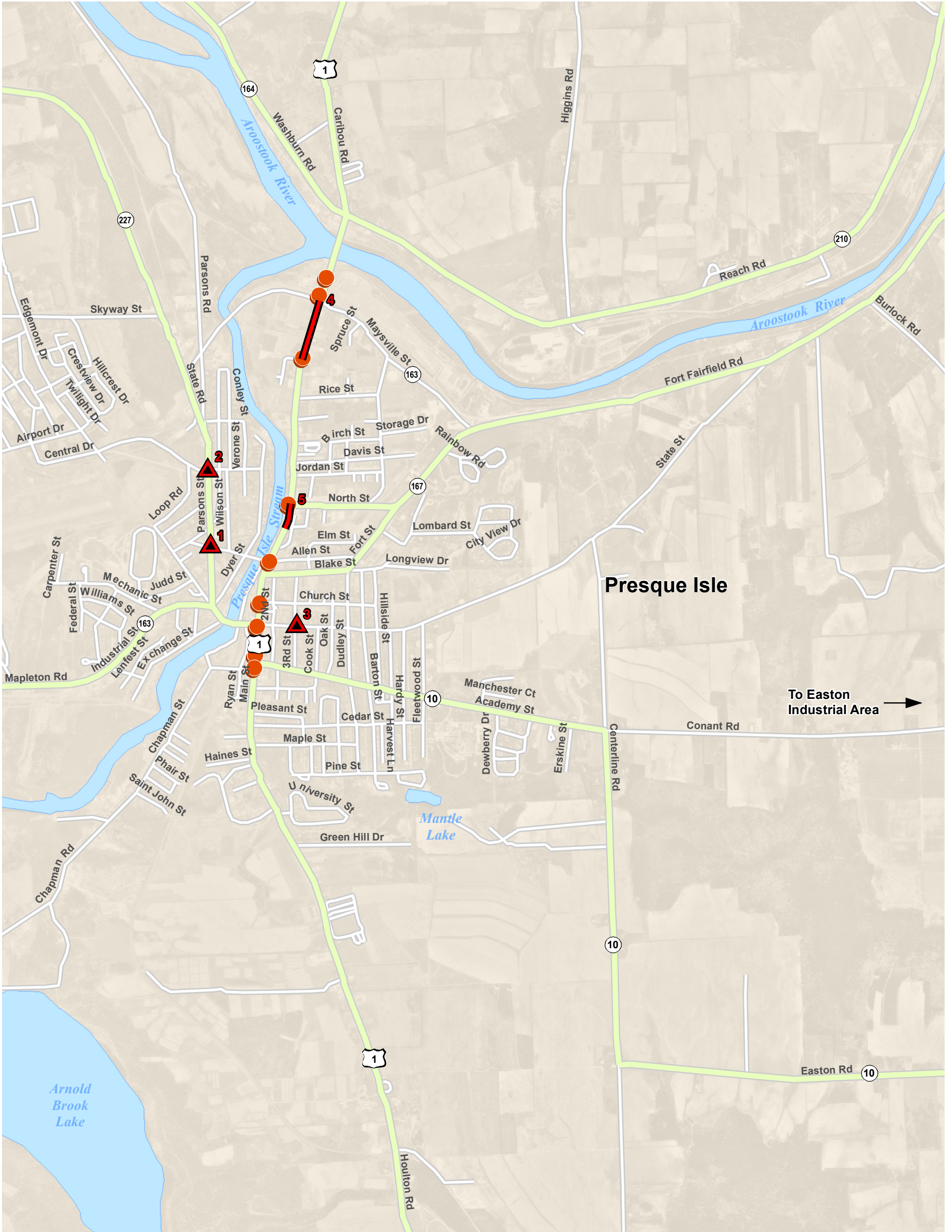


Legend
Town Boundaries
Alignment Option 7



Figure 2-5
Preferred Alternative - Presque Isle Bypass





Legend



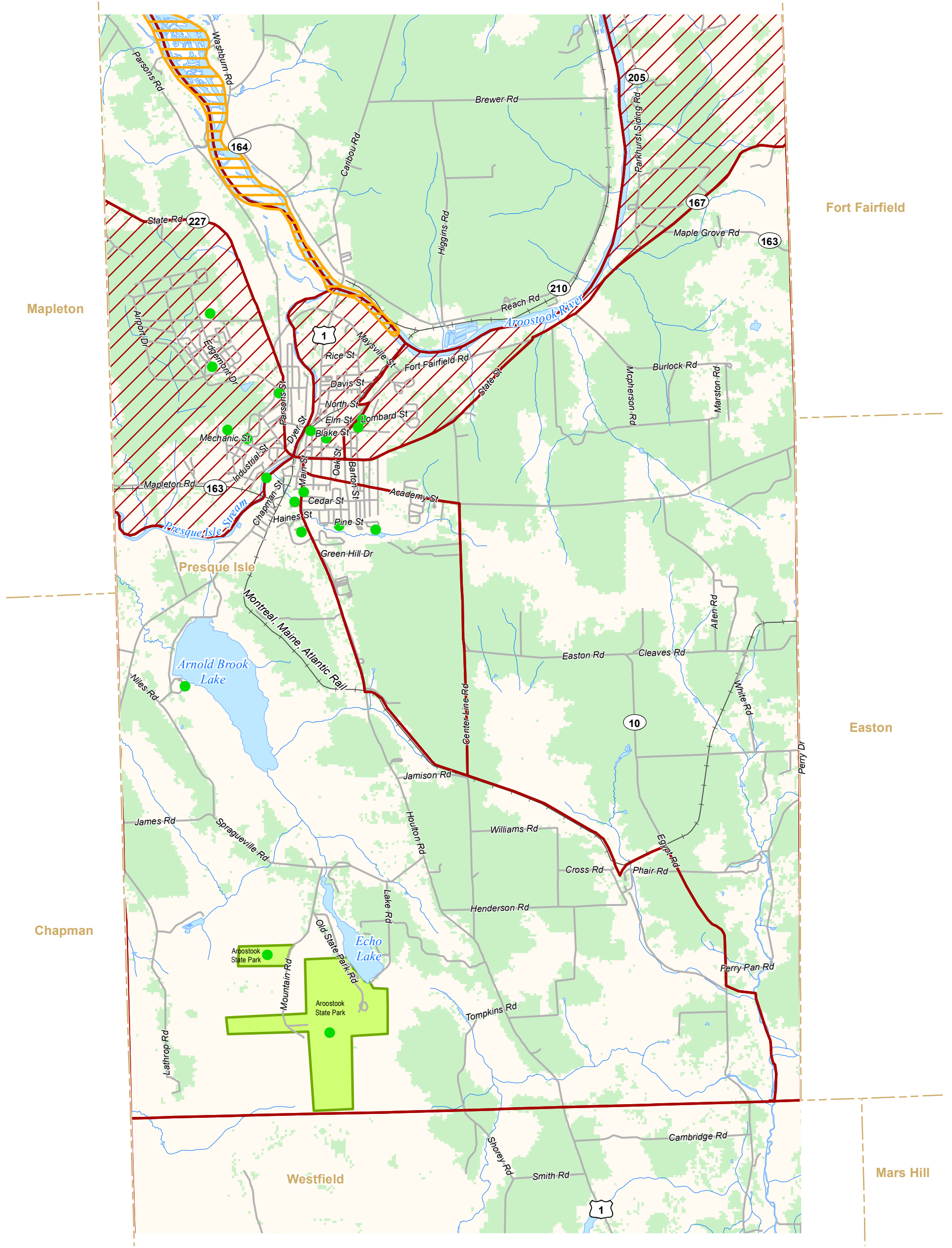
-  2007 - 2009 High Crash Location
-  Signalized Intersection



Figure 3-1
High Crash Locations





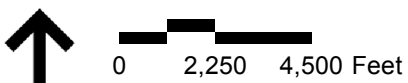
Legend

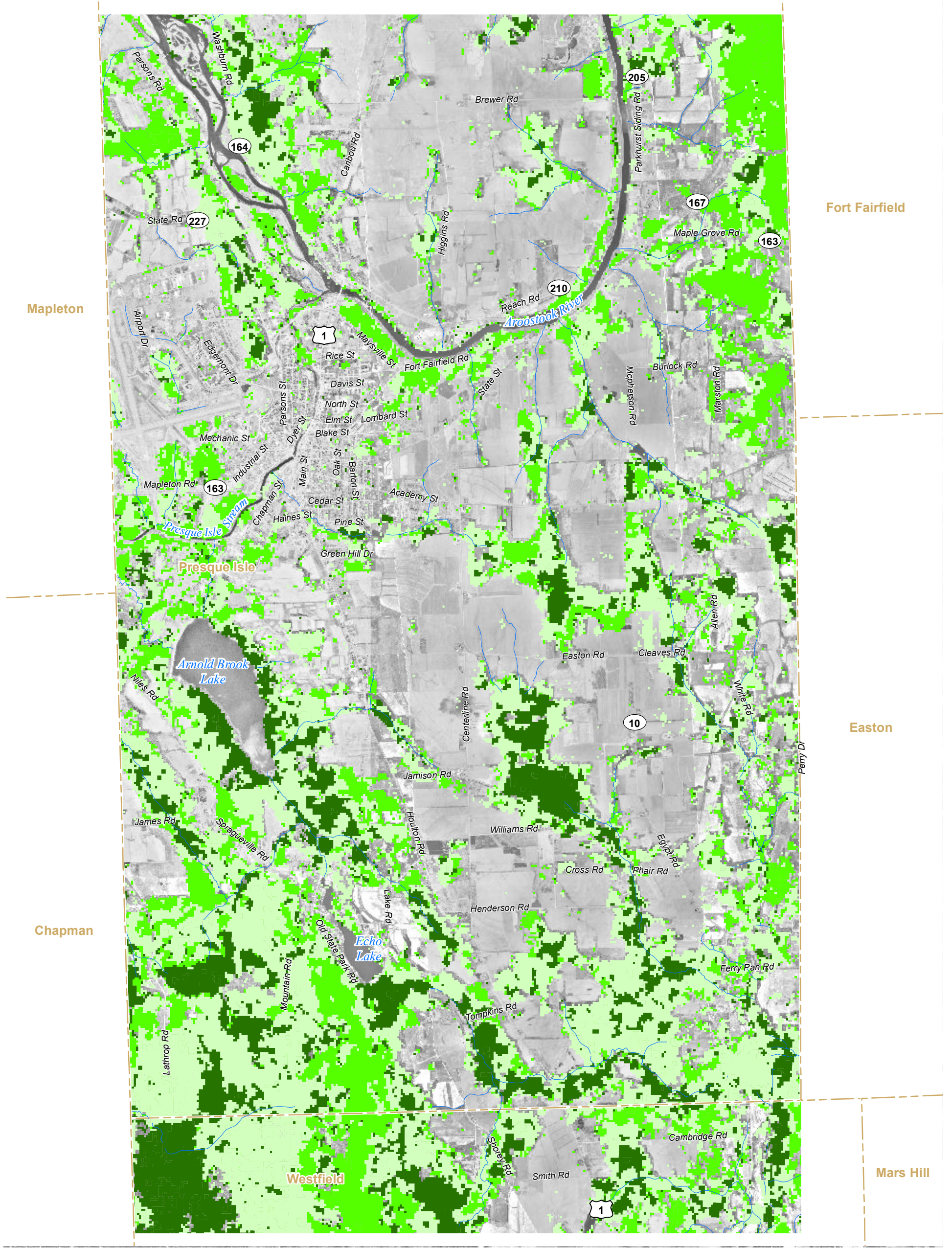
- Town Boundaries
- Agricultural Land
- Location of Potential 4(f) and/or 4(f)/6(f) Parcel
- Census 2000 Blockgroup
- Above State Average for Minority Population by Blockgroup (>3.5%)
- Areas of Traditional Cultural Use

Locus



Figure 3-2
Key Social and Cultural Constraints



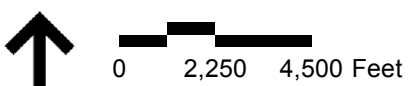


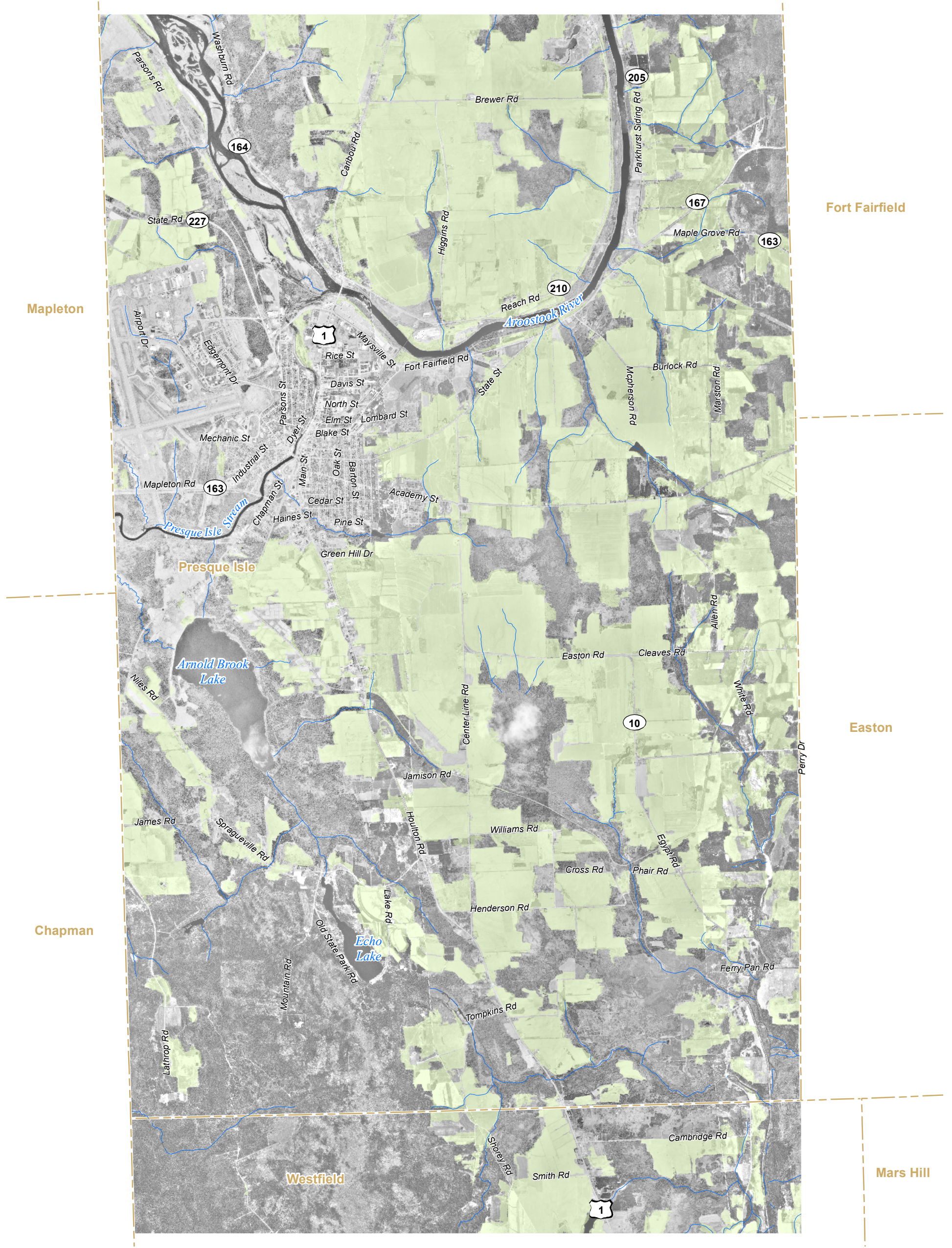
- Legend**
- Town Boundaries
 - Forest Communities**
 - Boreal Forest
 - Spruce - Northern Hardwood Forest
 - Deciduous Forest

Boreal Forest Data Source: Landsat Thematic Mapper data from USGS projected and overlaid upon existing GIS background coverages.



Figure 3-3
Forested Land

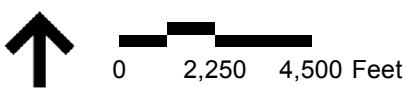


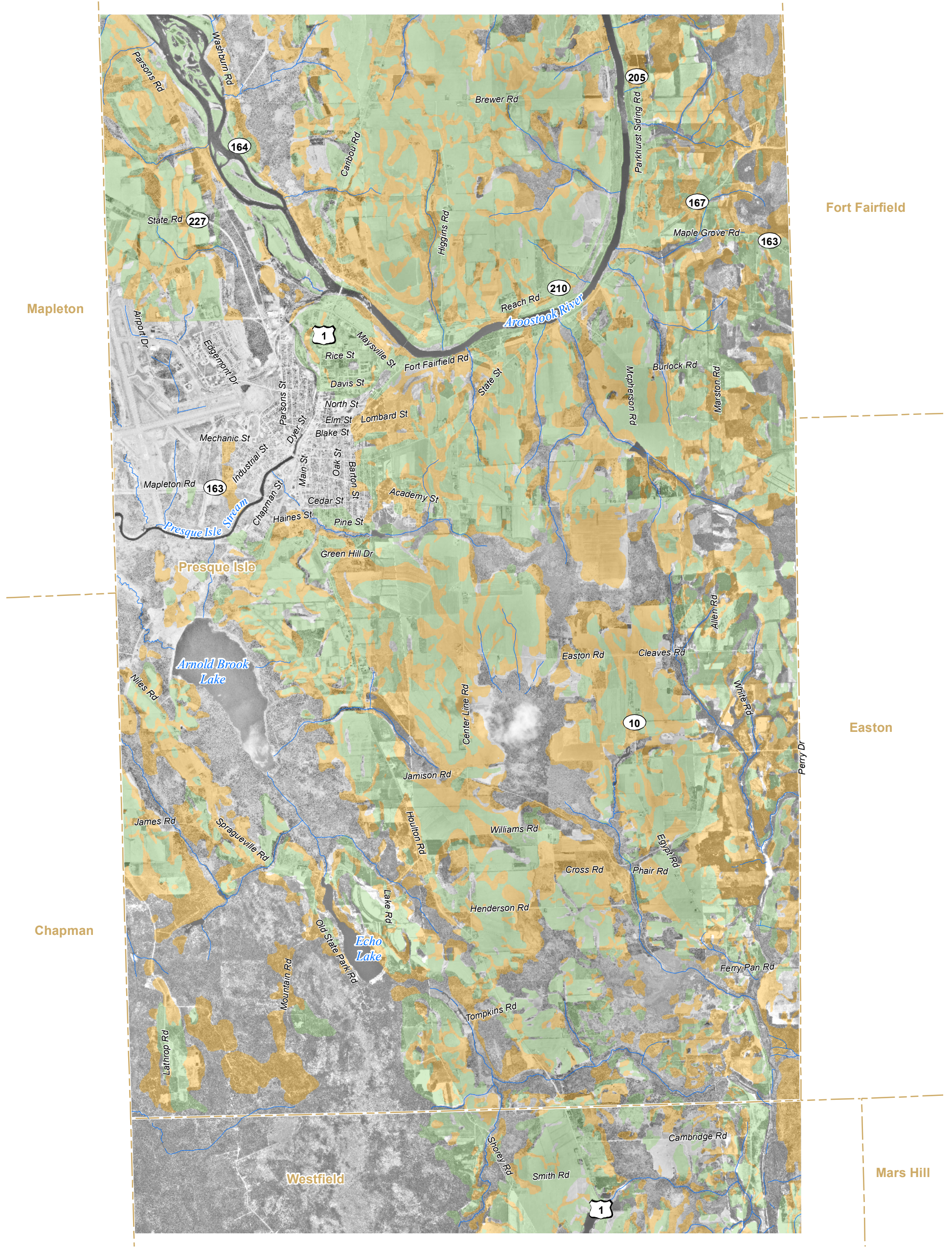


Legend
Town Boundaries
Farmed Land



Figure 3-4a
Farmed Land

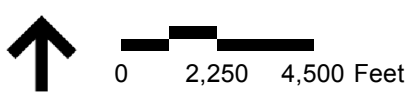


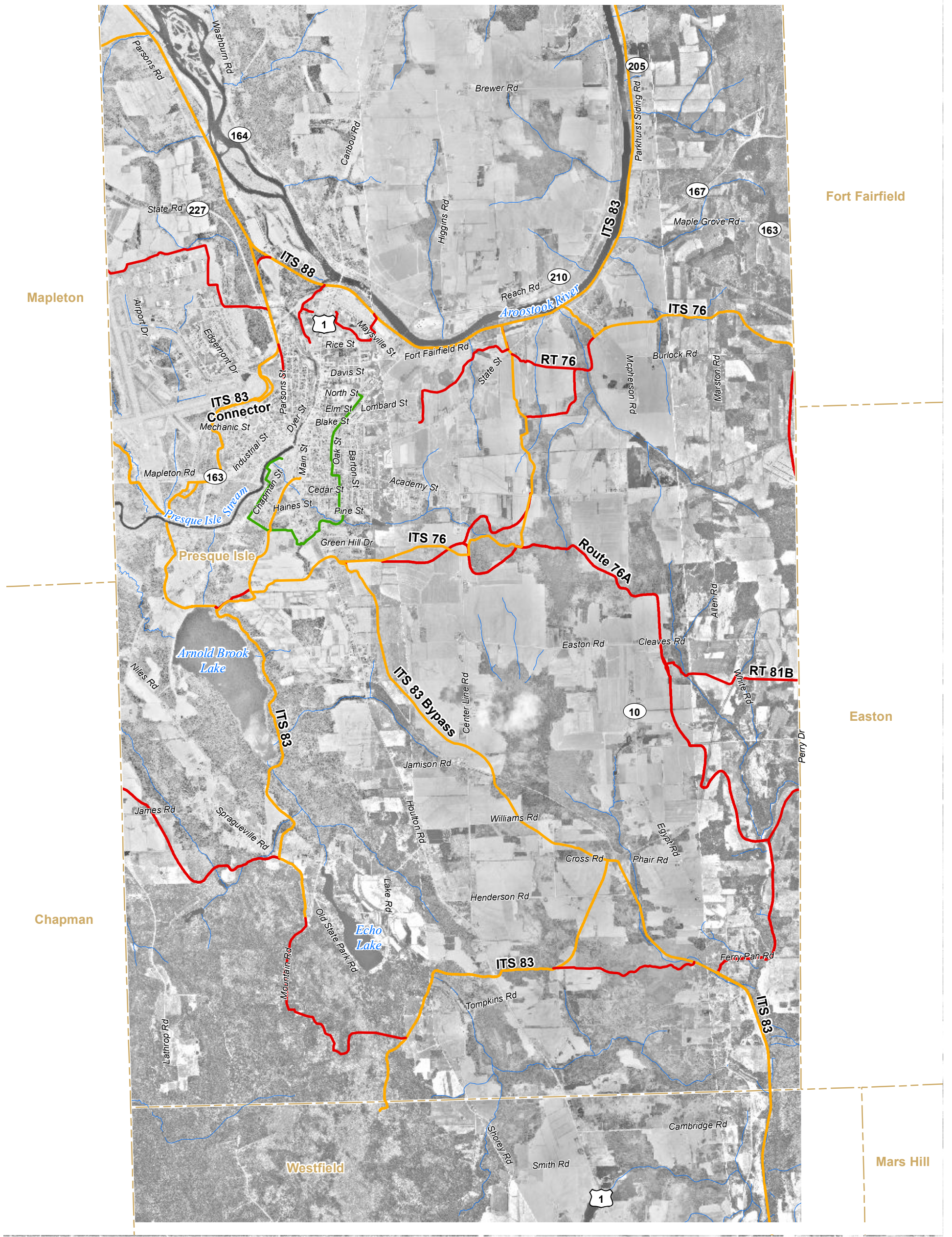


- Legend**
- Town Boundaries
 - Prime Farmland
 - Farmland of Statewide Importance



Figure 3-4b
Farmland Soils

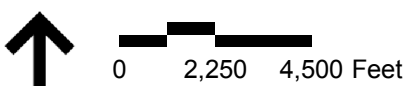


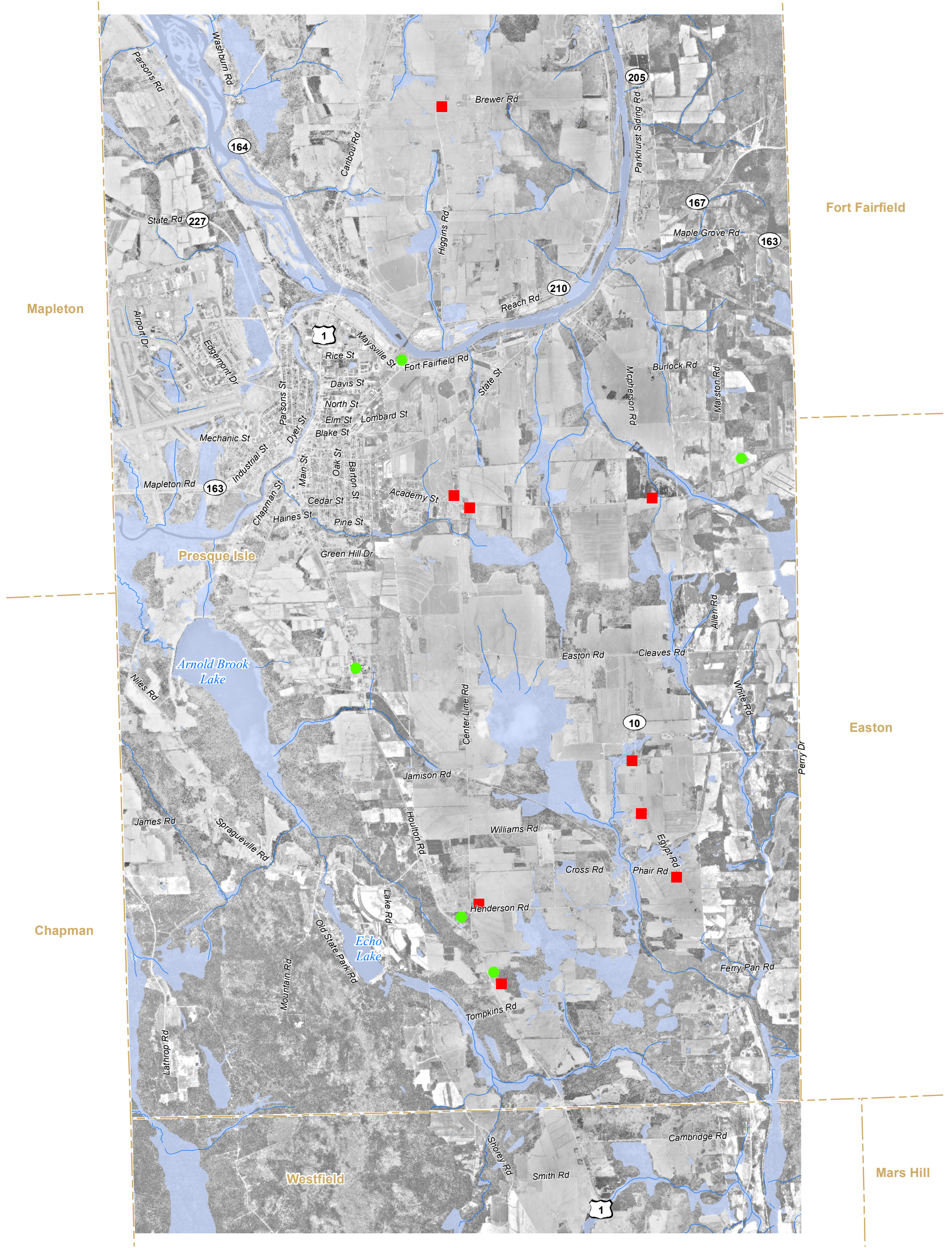


- Legend**
- Town Boundaries
 - Interconnecting Trail System (ITS)
 - Connector Trails and Maintained Club Trails
 - Presque Isle Bike/Walkway Path



Figure 3-5
Snowmobile and Pedestrian Trails

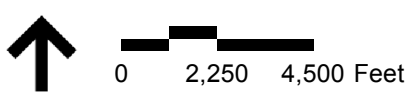


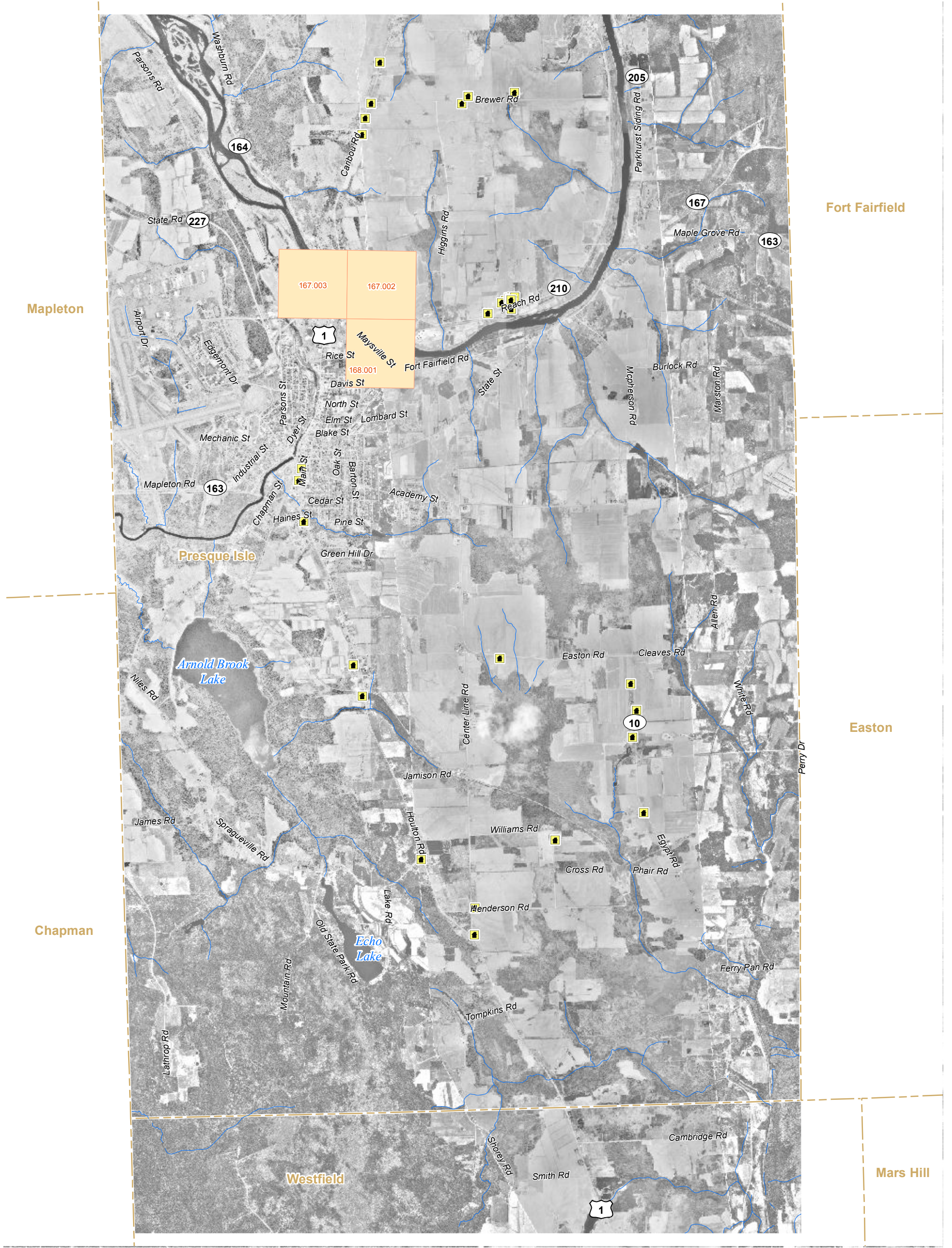


- Legend**
- Town Boundaries
 - Wetland
 - Spill
 - UST



Figure 3-6
Registered Underground Storage Tanks
and Known Spills





- Legend**
- Town Boundaries
 - Known Prehistoric Archaeological Sites
 - National Register Eligible Property

167.003 - MHPC site number

Source: Maine Historic Preservation Commission, Augusta, ME (Provided in 1999, updated 2004)

The APE for archaeological resources is defined as those areas directly abutting or within the right-of-way for the segment 7 alignment options. In areas where new roadway alignments are proposed, the APE also includes areas adjacent to the segment 7 alignment options rights-of-way.



Figure 3-7
Known Historic Sites and Prehistoric and Historic Archaeological Sites

