Final Environmental Impact Statement
Tier 2 - Presque Isle ByPass

FHWA-ME-EIS-02-1-F

Aroostook County Transportation Study

Aroostook County, Maine

Figures

Federal Highway Administration

Maine Department of Transportation

January 2013

Volume 2 of 2

Final Environmental Impact Statement
Tier 2 - Presque Isle Bypass

FHWA-ME-EIS-02-1-F

Aroostook County

Transportation Study

Aroostook County, Maine

Figures

Federal Highway Administration

Maine Department of Transportation

January 2013

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*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).

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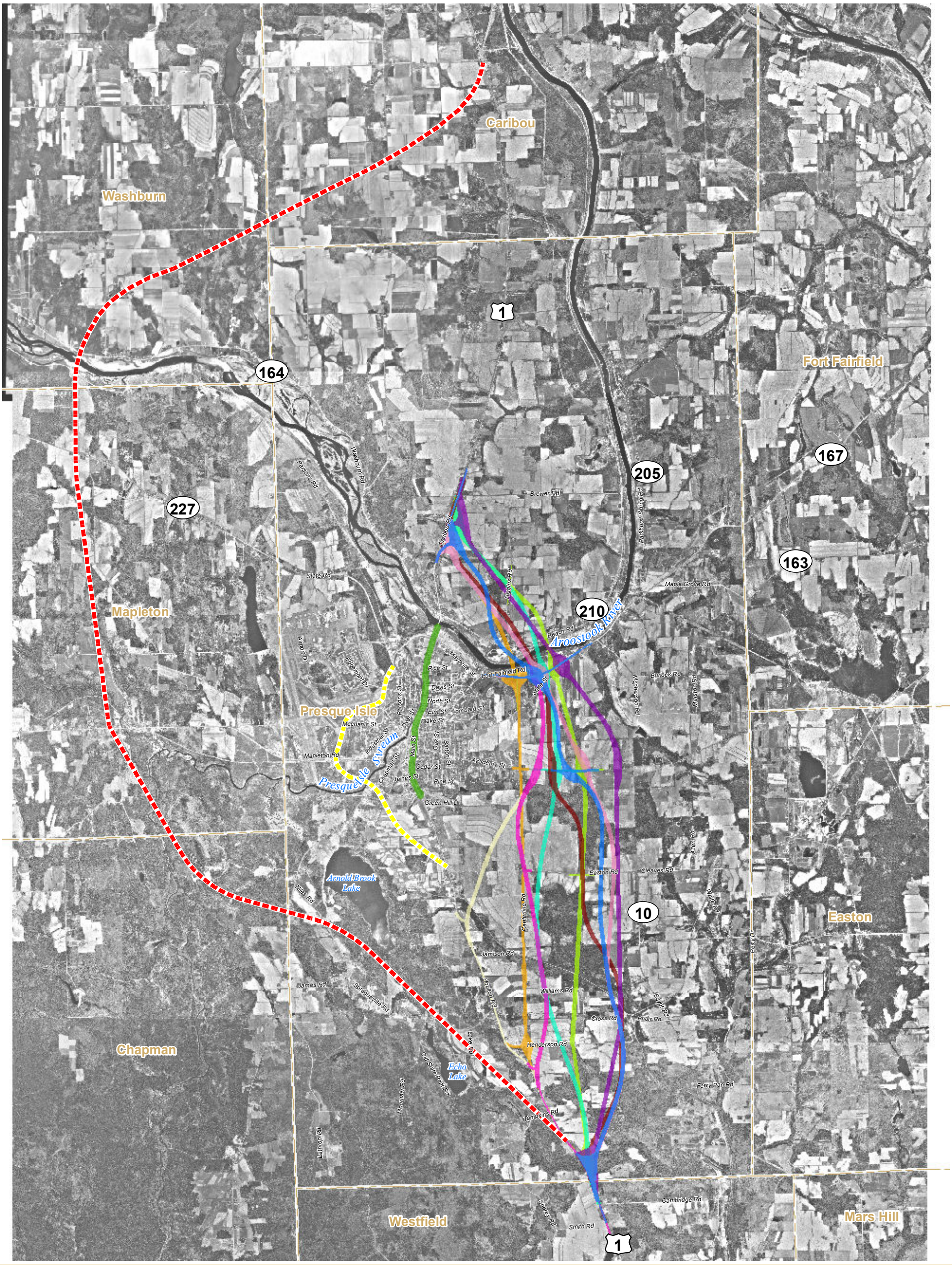
\\mawatr\ev\06520.02\GIS\project\Presque_Isle\Fig_2-3 Segment 7 Alignment Options.mxd



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

0 3,000 6,000 Feet

Locus

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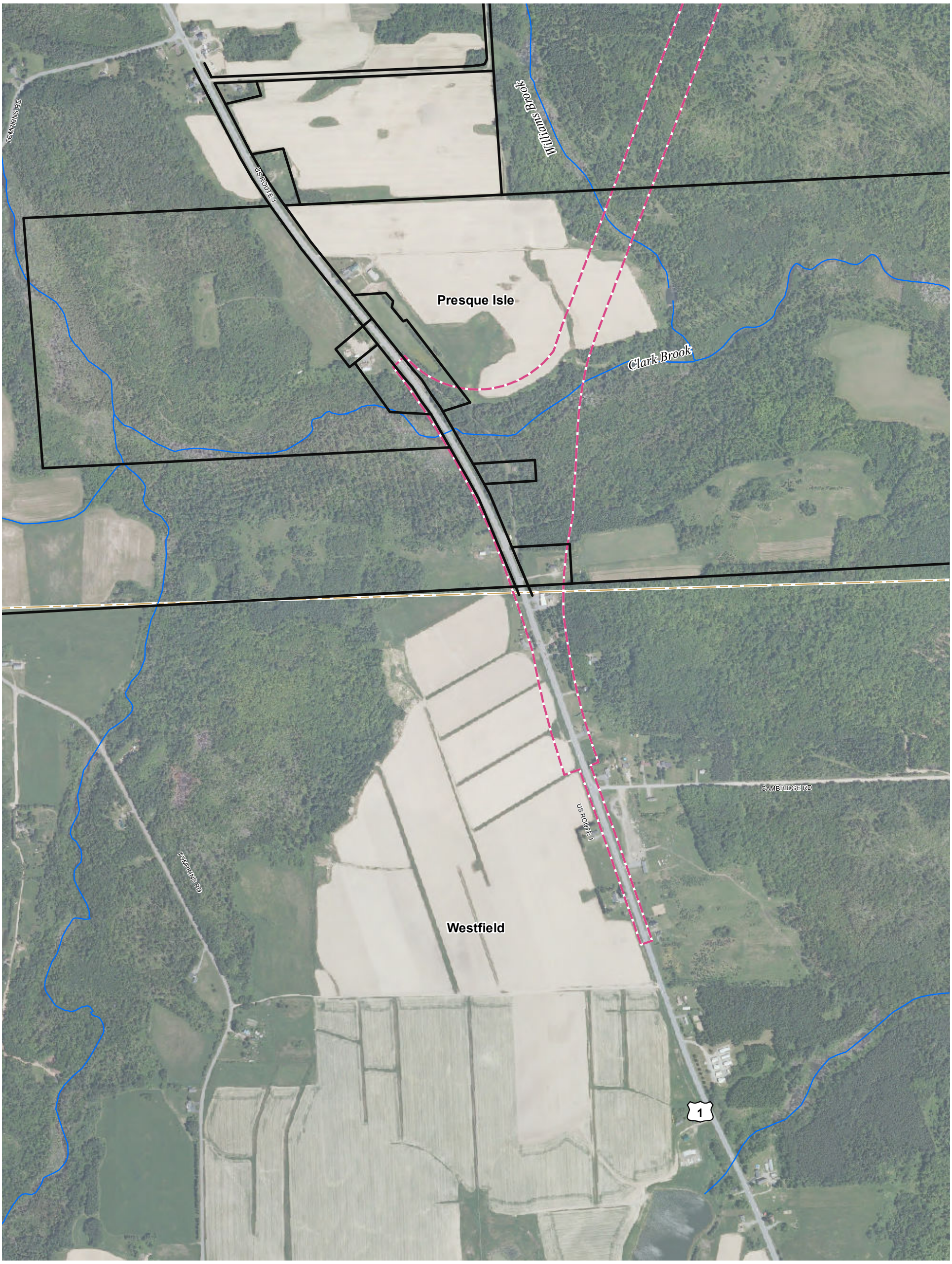
Figure S-1

Presque Isle Bypass
Alignment Options

\\MAWATR\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_S-2 Detailed View of Presque Isle opt7.mxd 10/19/2012



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

0 400 800 Feet

Location Map

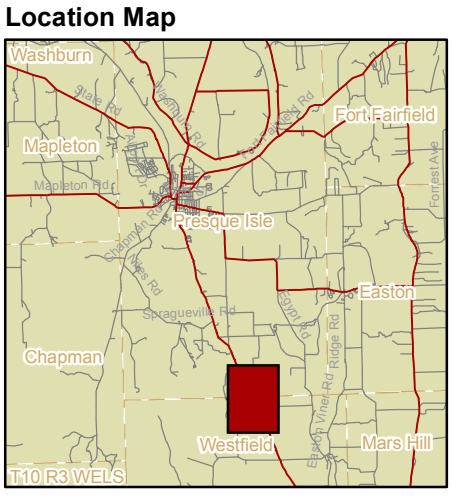


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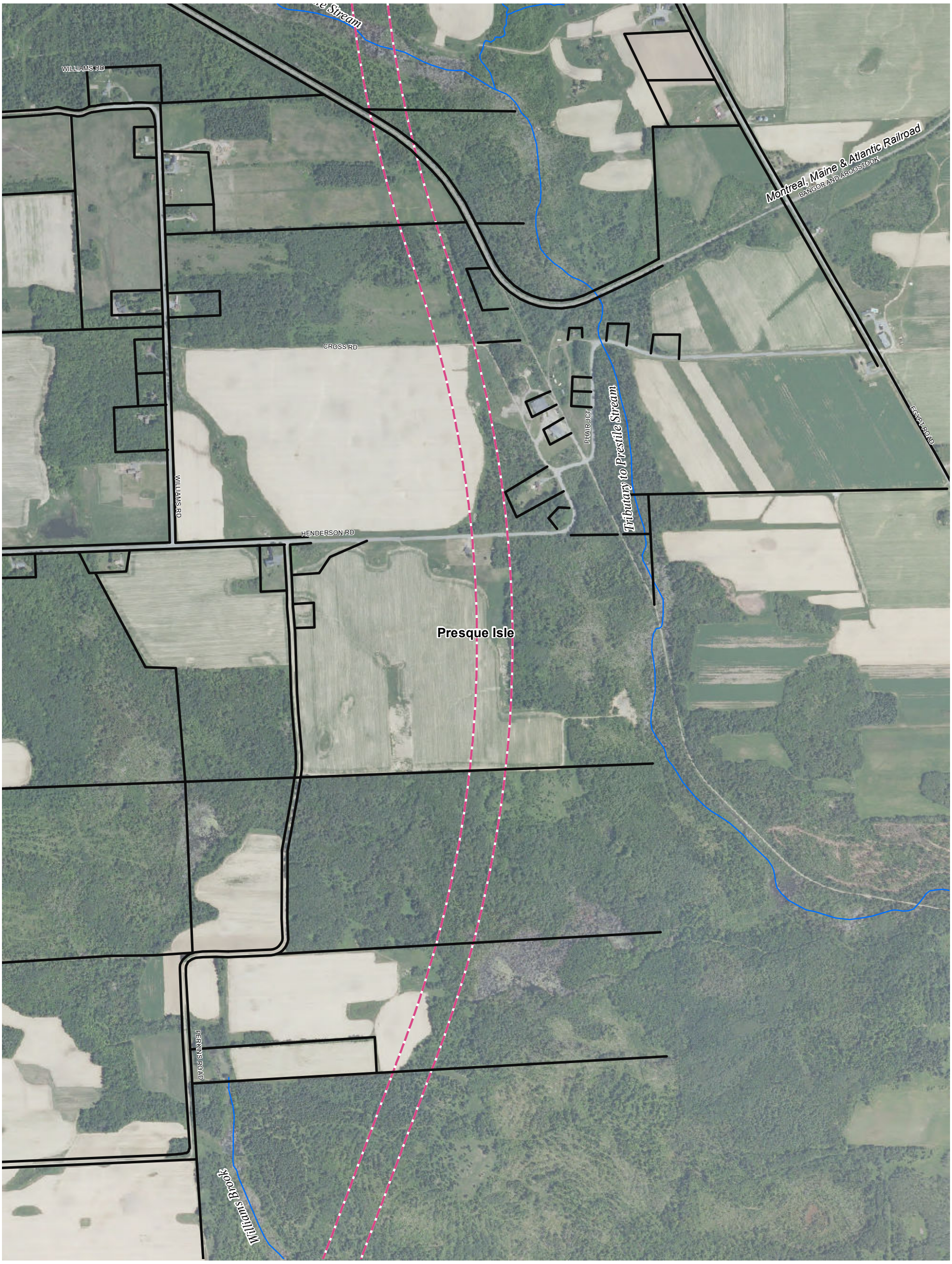
Figure S-2a

Detailed View of
Presque Isle Bypass
Alignment Option 7

\\MAWATR\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_S-2 Detailed View of Presque Isle opt7.mxd 10/19/2012



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

0 400 800 Feet

Location Map

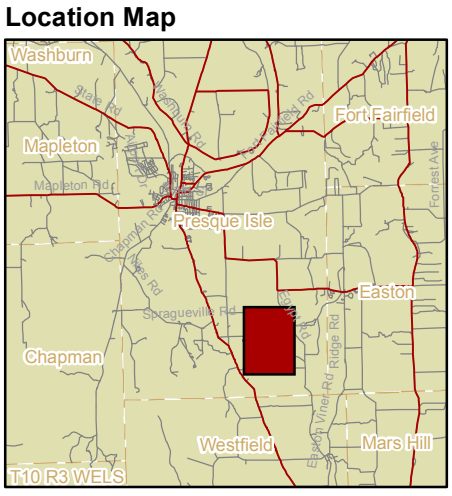


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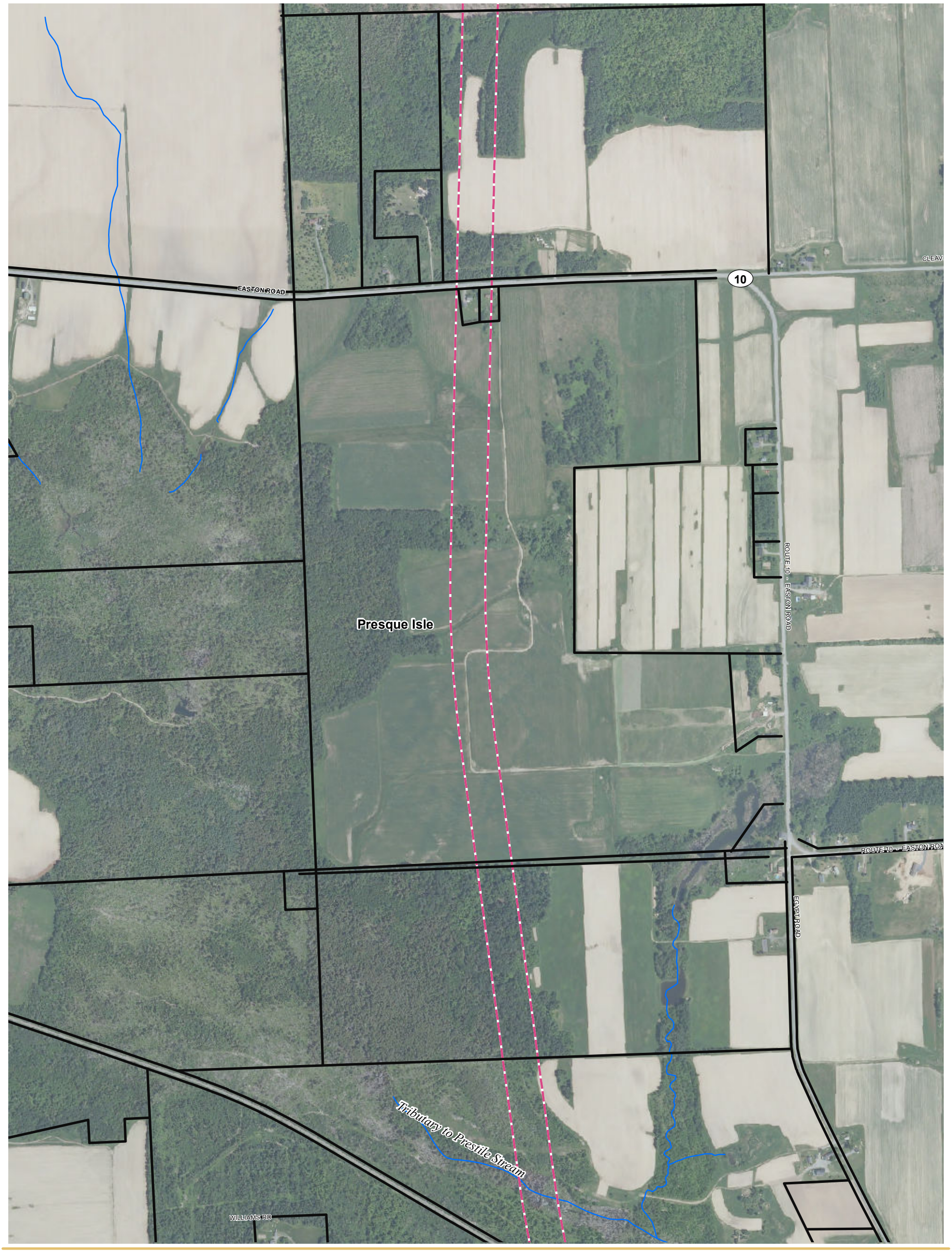
Figure S-2b

Detailed View of Presque Isle Bypass Alignment Option 7

\\MAWATR\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_S-2 Detailed View of Presque Isle opt7.mxd 10/19/2012



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

0 400 800 Feet

Location Map

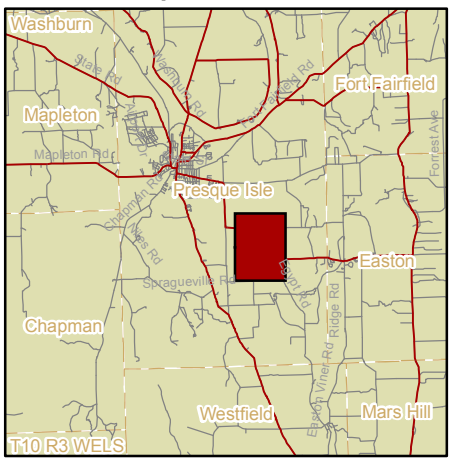


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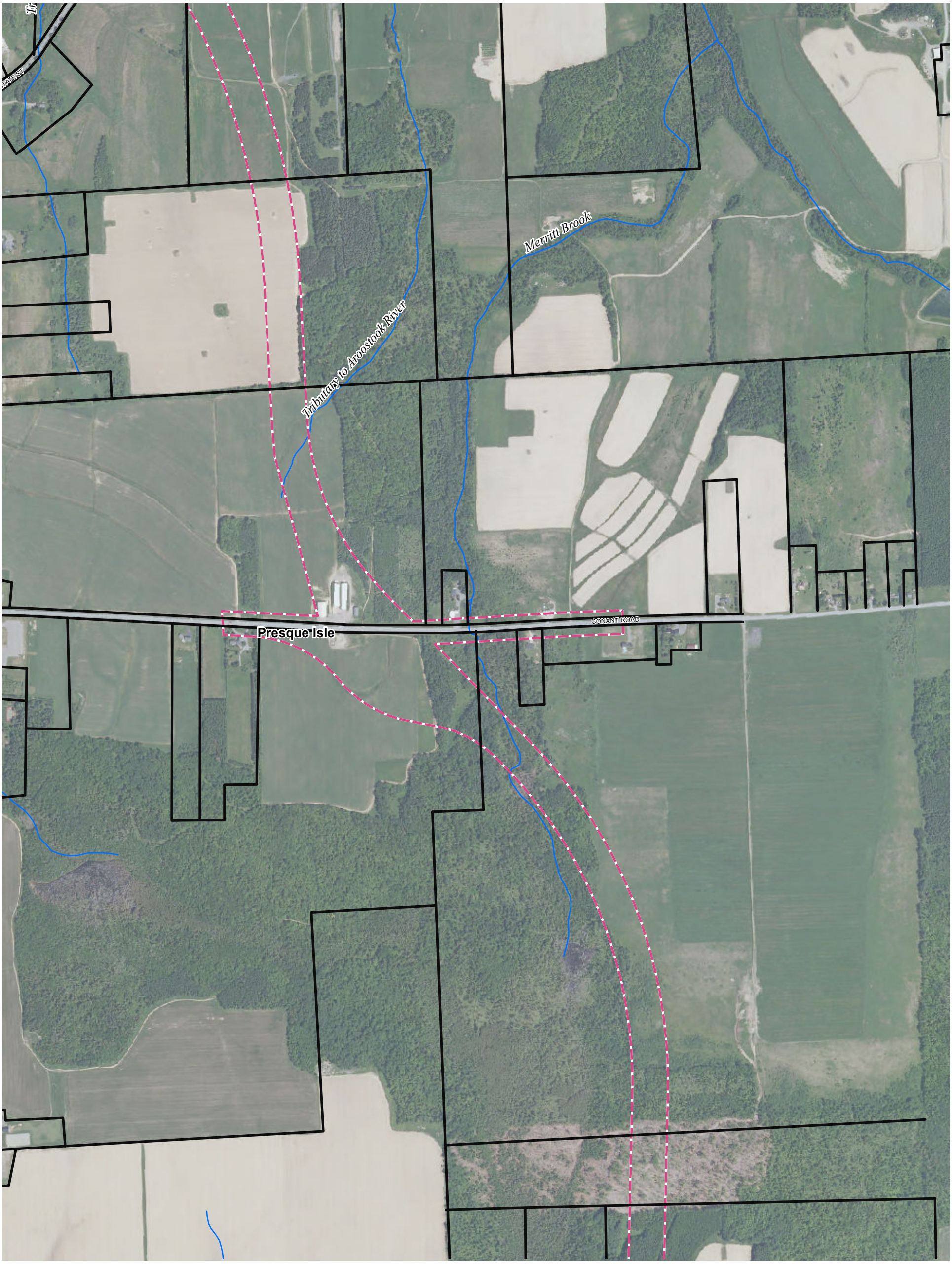
Figure S-2c

Detailed View of Presque Isle Bypass Alignment Option 7

\\MAWATR\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_S-2 Detailed View of Presque Isle opt7.mxd 10/19/2012



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

0 400 800 Feet

Location Map

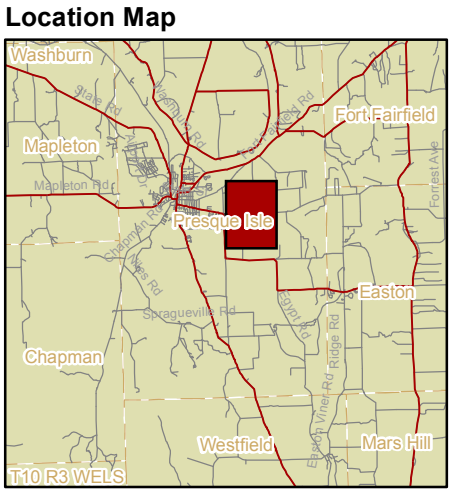


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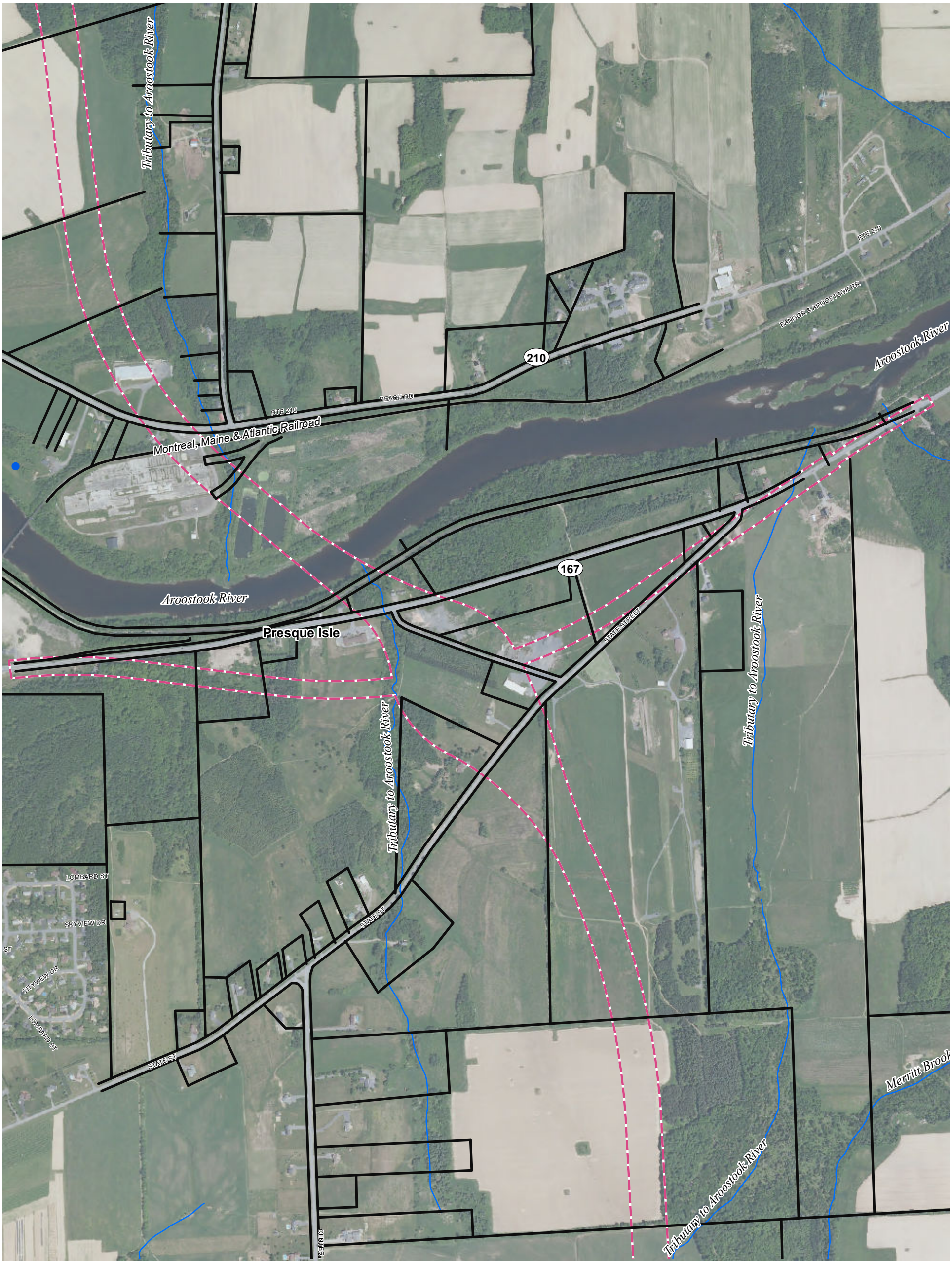
Figure S-2d

Detailed View of Presque Isle Bypass Alignment Option 7

\\MAWATR\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_S-2 Detailed View of Presque Isle opt7.mxd 10/19/2012



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

0 400 800 Feet

Location Map

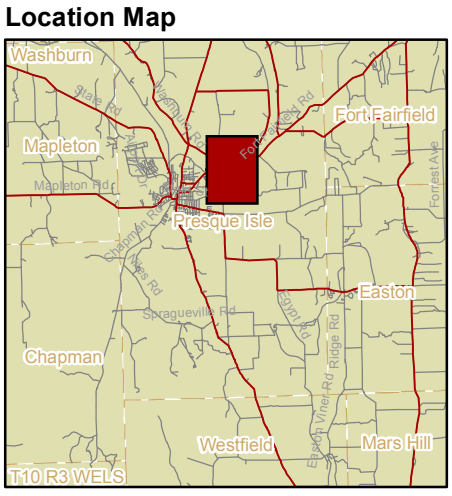


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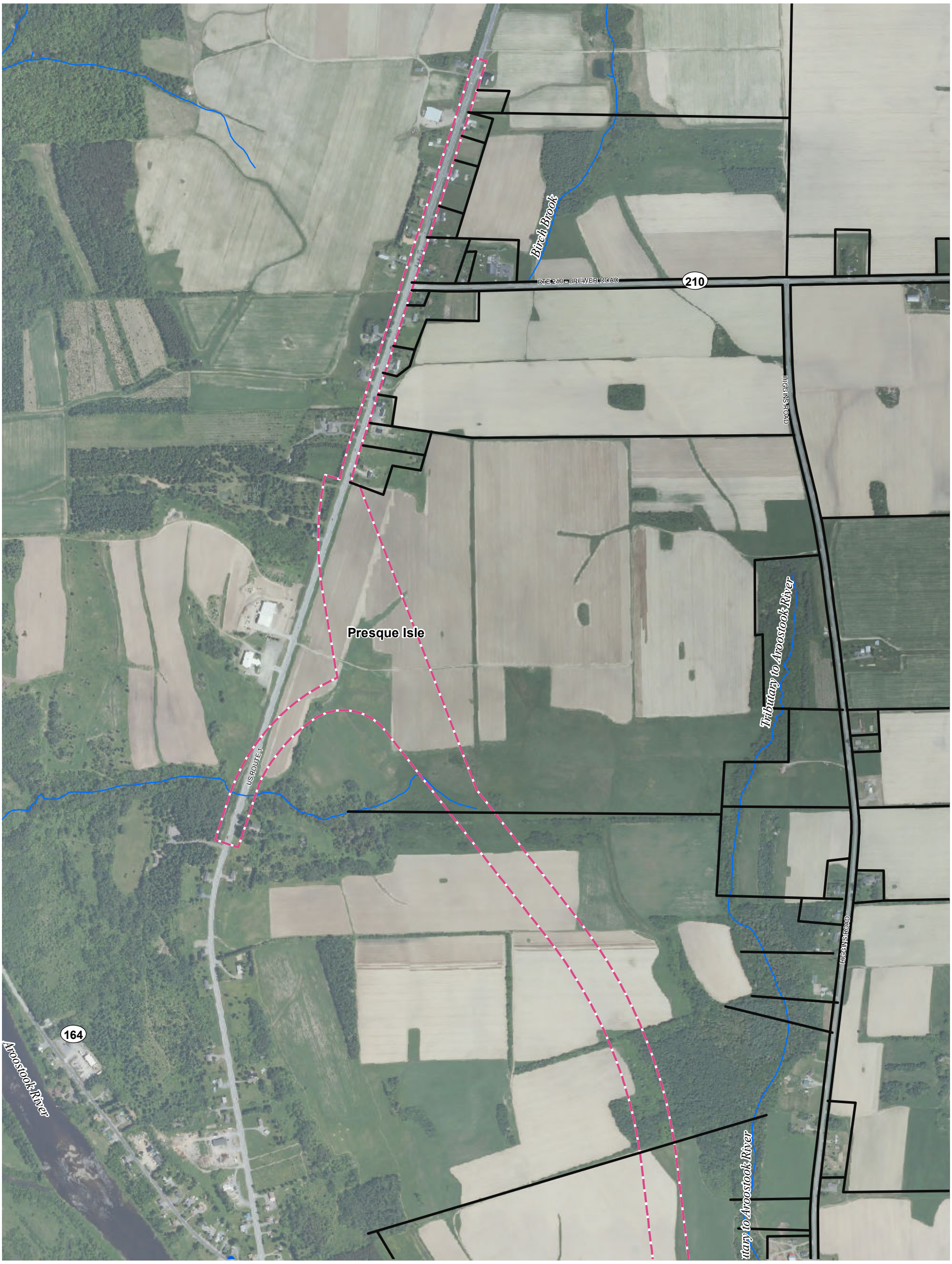
Figure S-2e

Detailed View of Presque Isle Bypass Alignment Option 7

\\MAWATR\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_S-2 Detailed View of Presque Isle opt7.mxd 10/19/2012



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

0 400 800 Feet

Location Map

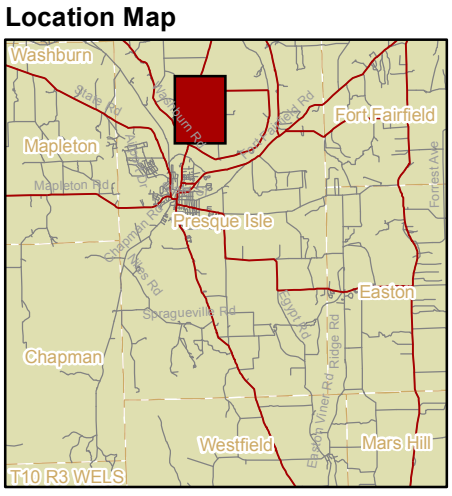


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Figure S-2f

Detailed View of
Presque Isle Bypass
Alignment Option 7

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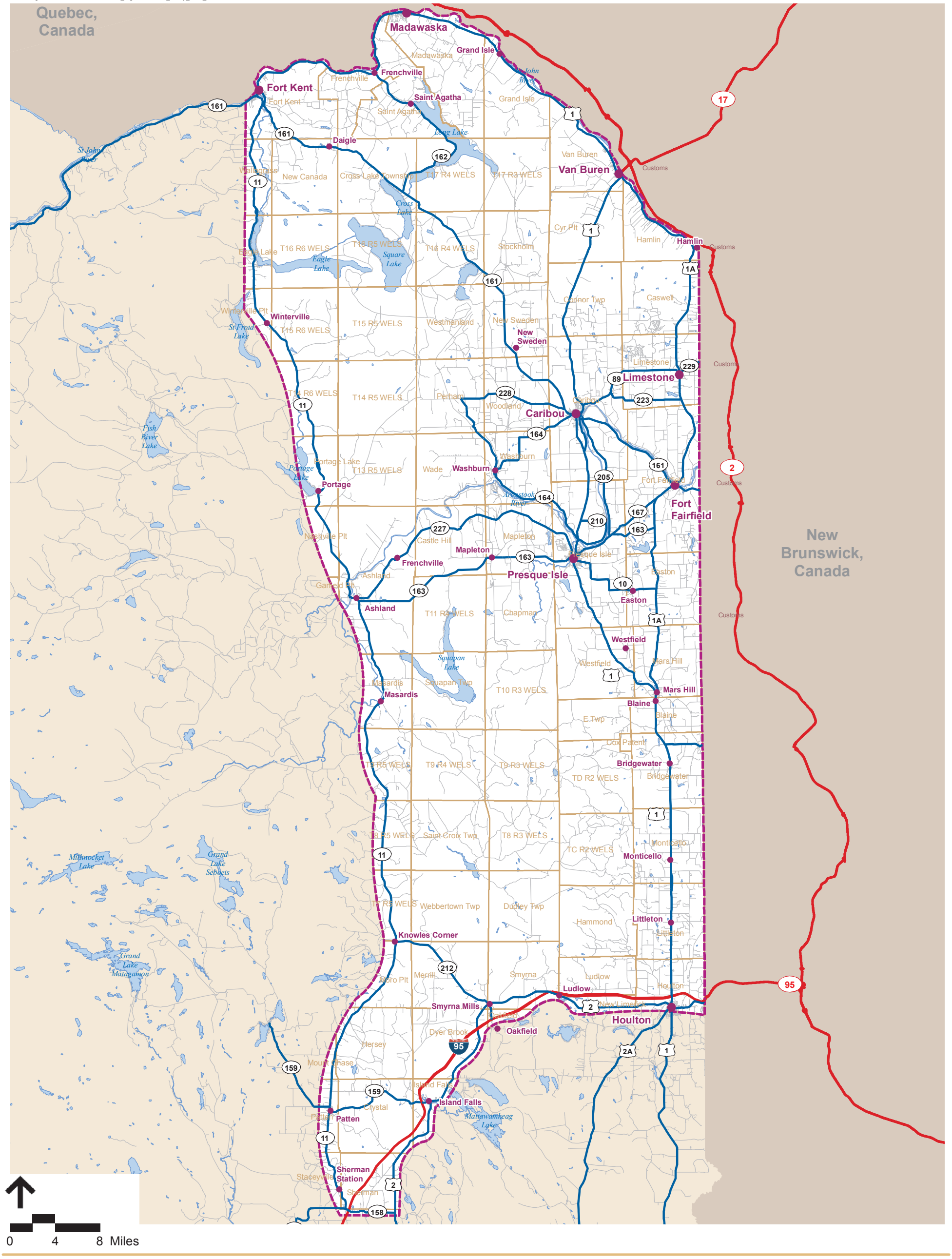

- Limit of Study Area
- Major Roads
- Limited Access Highways

Locus

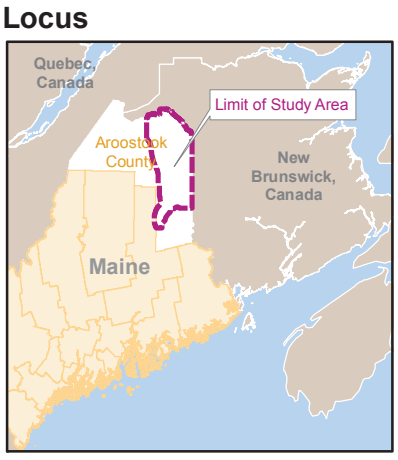

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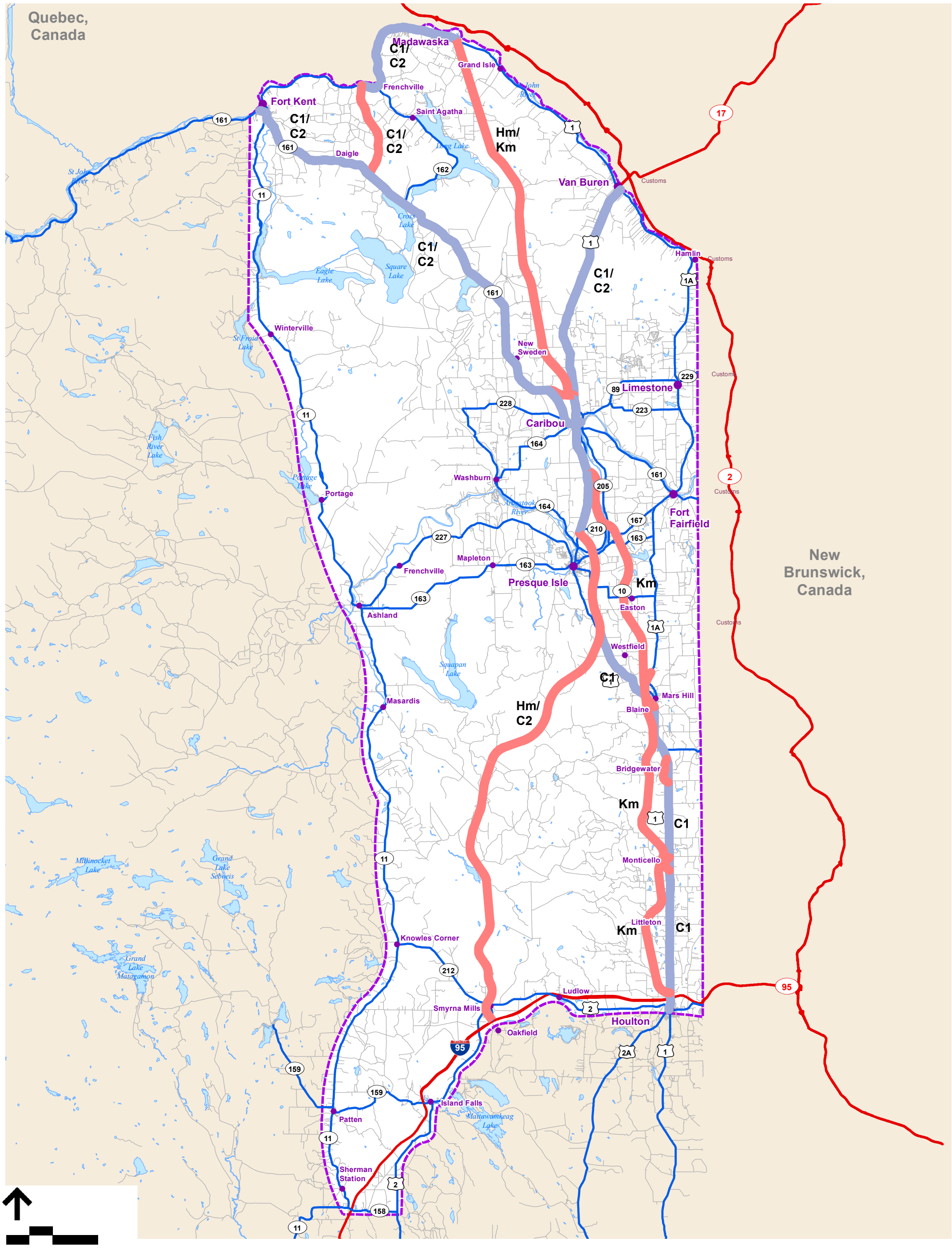
Figure 1-1
ACTS Study Area

\\mawatr\ev\06520.02\GIS\project\Presque_Isle\Fig_S-2 FEIS Corridors.mxd



Limit of Study Area
Upgrade Corridor
New Highway

Locus

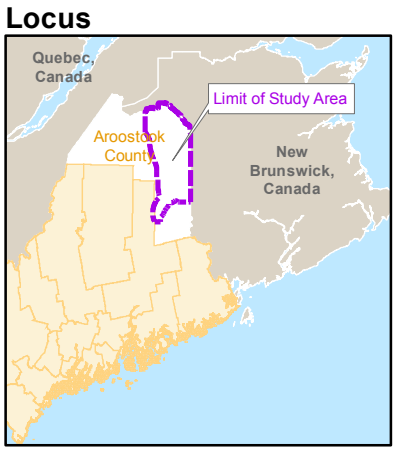


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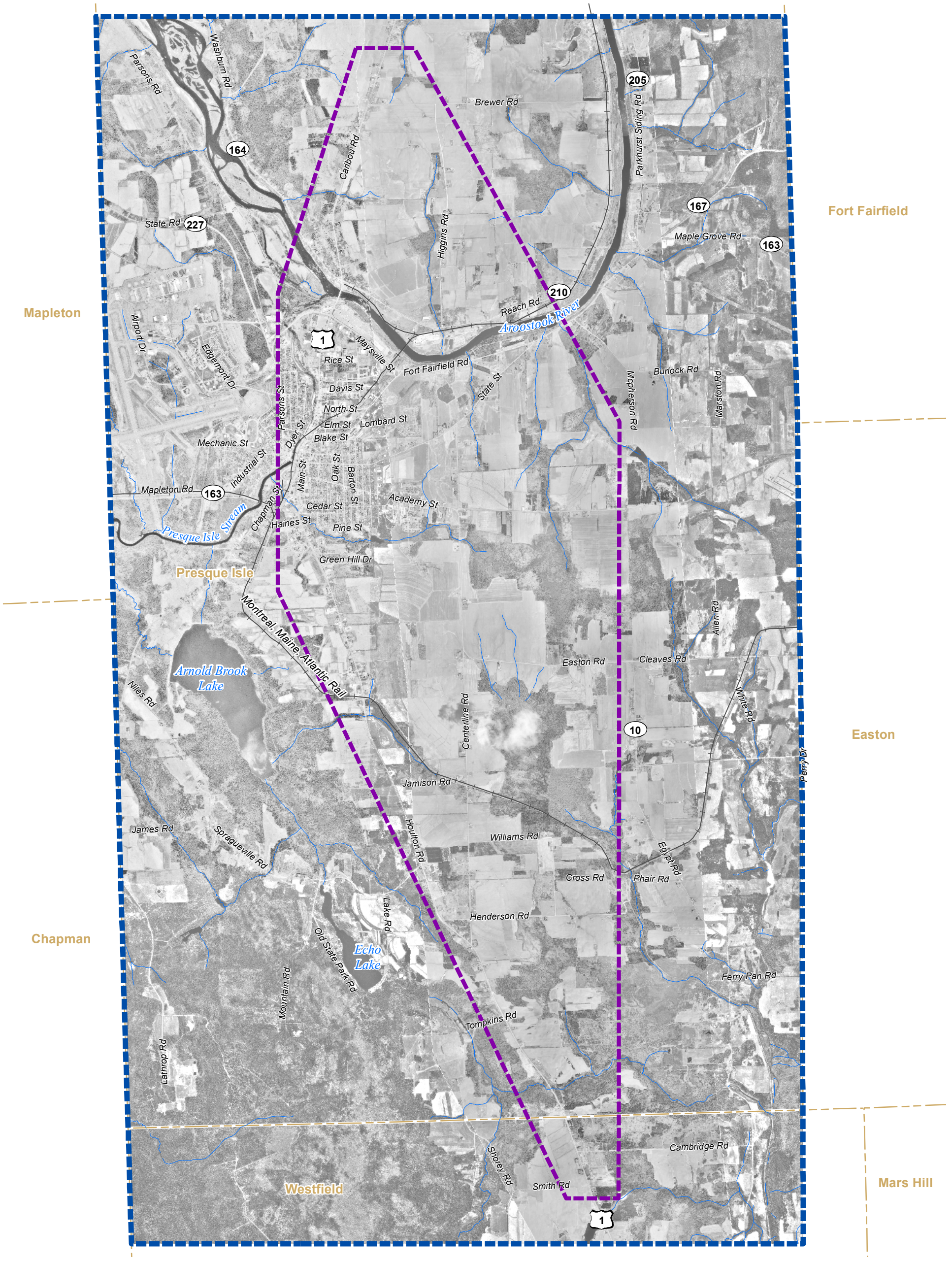
Figure 1-2
Tier 1 FEIS Corridors

\\mawatr\ev\06520.02\GIS\project\Presque_Isle\Fig_2-1 Presque Isle Study Area.mxd



Legend

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

Locus

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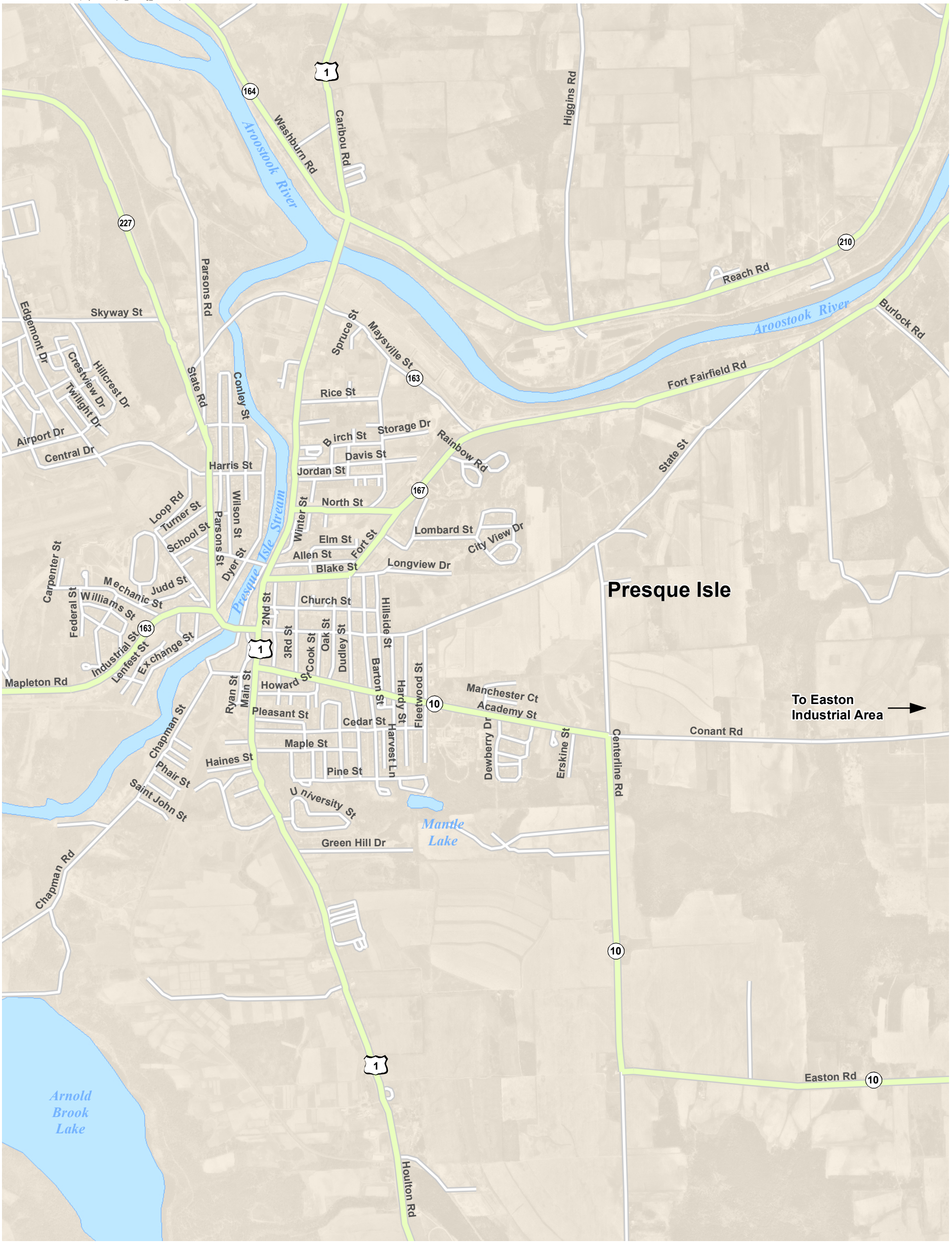
Figure 2-1

Presque Isle
Reference Area and Study Area

0 2,250 4,500 Feet

\\mawatr\ev\06520.02\GIS\project\Presque_Isle\Fig_2-2 Presque Isle Street Network.mxd



Locus

0 1,000 2,000 Feet

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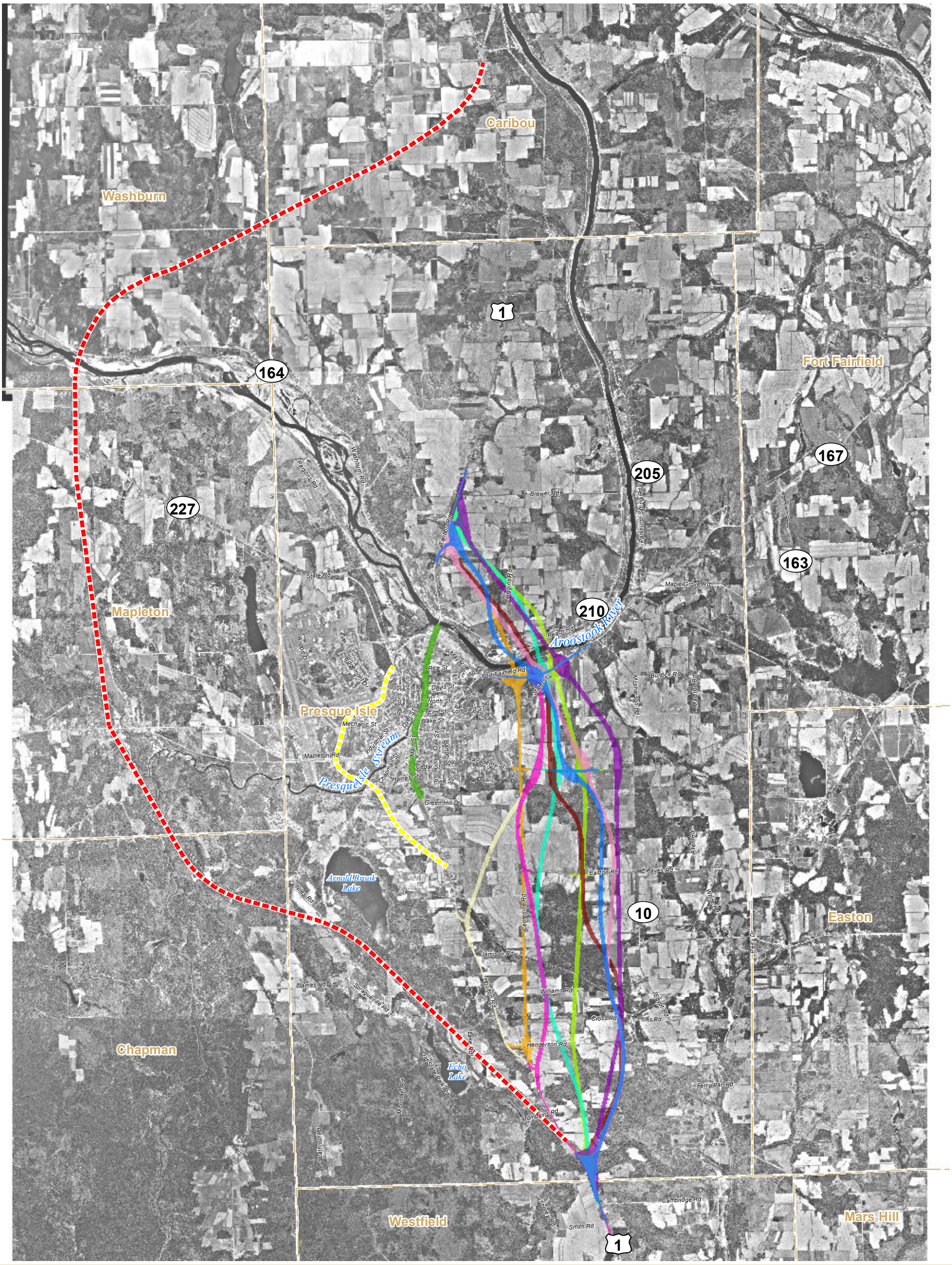
Figure 2-2

Presque Isle
Downtown Street Network

\\mawatr\ev\06520.02\GIS\project\Presque_Isle\Fig_2-3 Segment 7 Alignment Options.mxd



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

0 3,000 6,000 Feet

Locus

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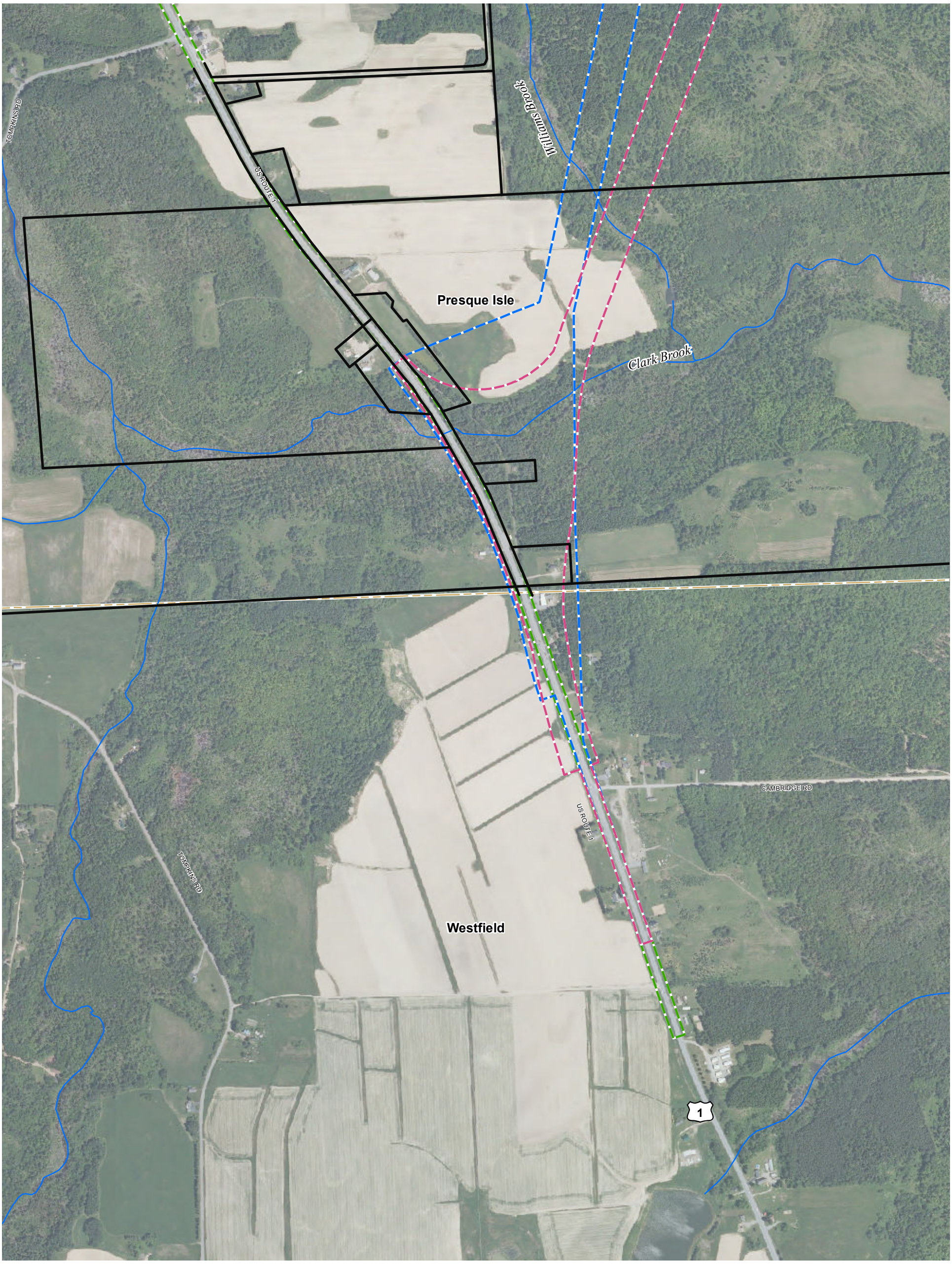
Figure 2-3

Presque Isle Bypass
Alignment Options

\\MAWATR\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_2-4 Detailed View of Presque Isle.mxd 10/19/2012



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

0 400 800 Feet

Location Map

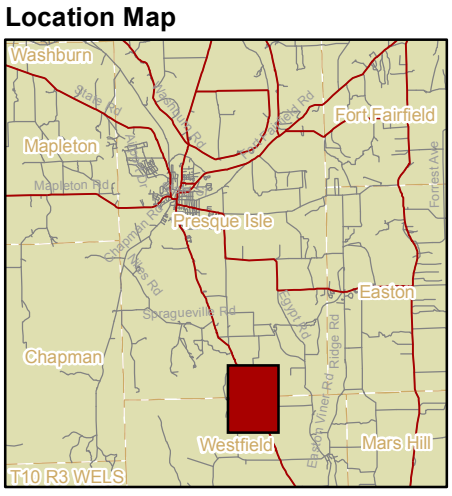


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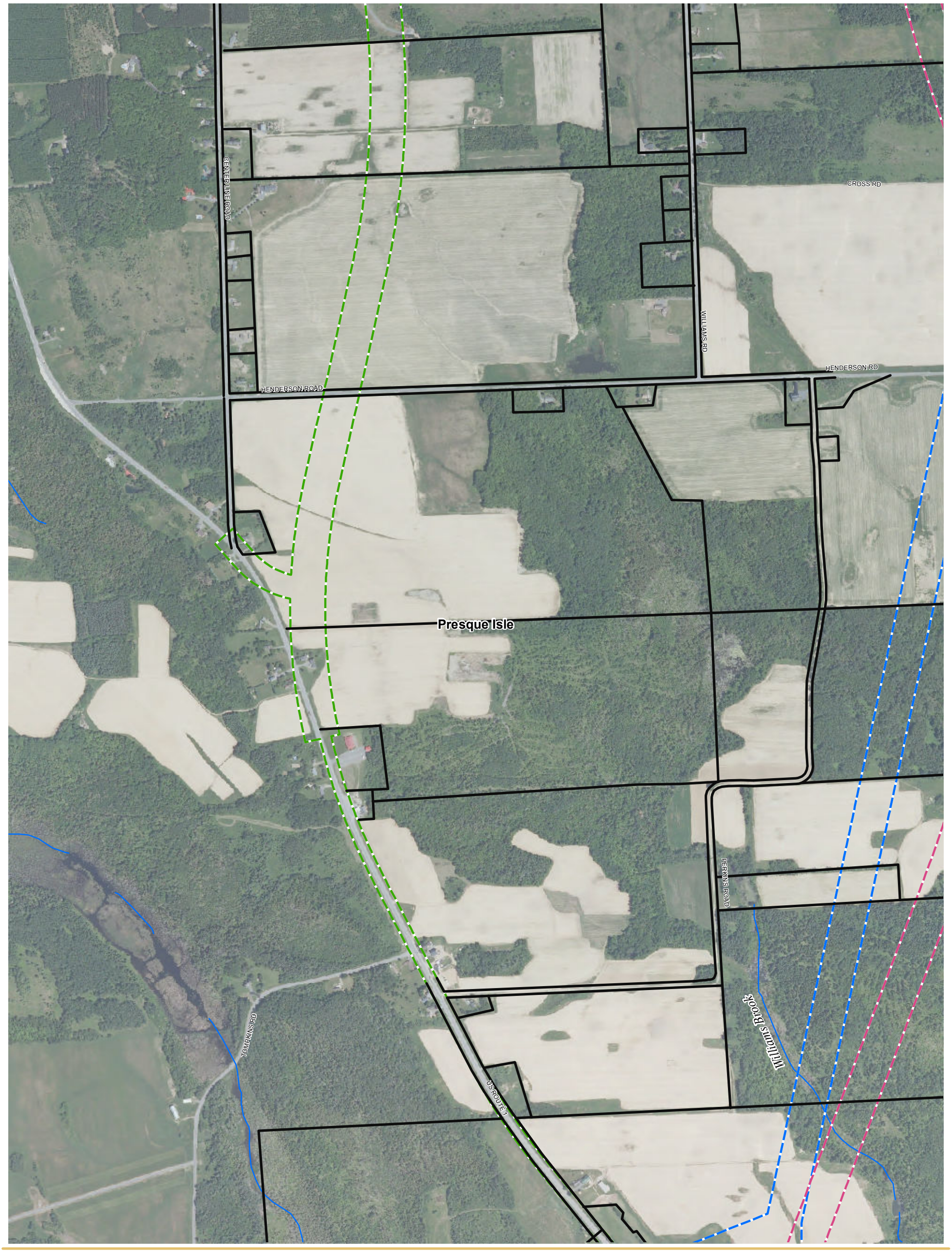
Figure 2-4a

Detailed View of
Presque Isle Bypass
Tier 2 FEIS Alternatives

\\MAWATR\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_2-4 Detailed View of Presque Isle.mxd 10/19/2012



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

0 400 800 Feet

Location Map

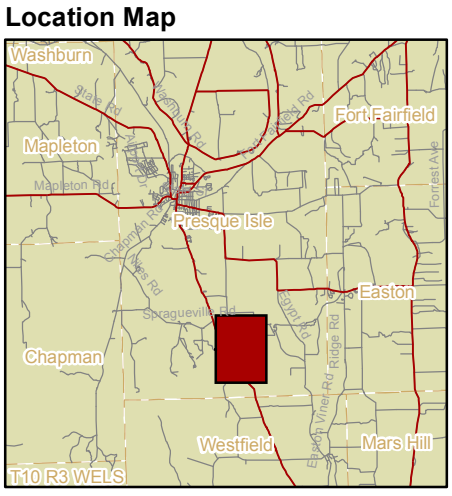


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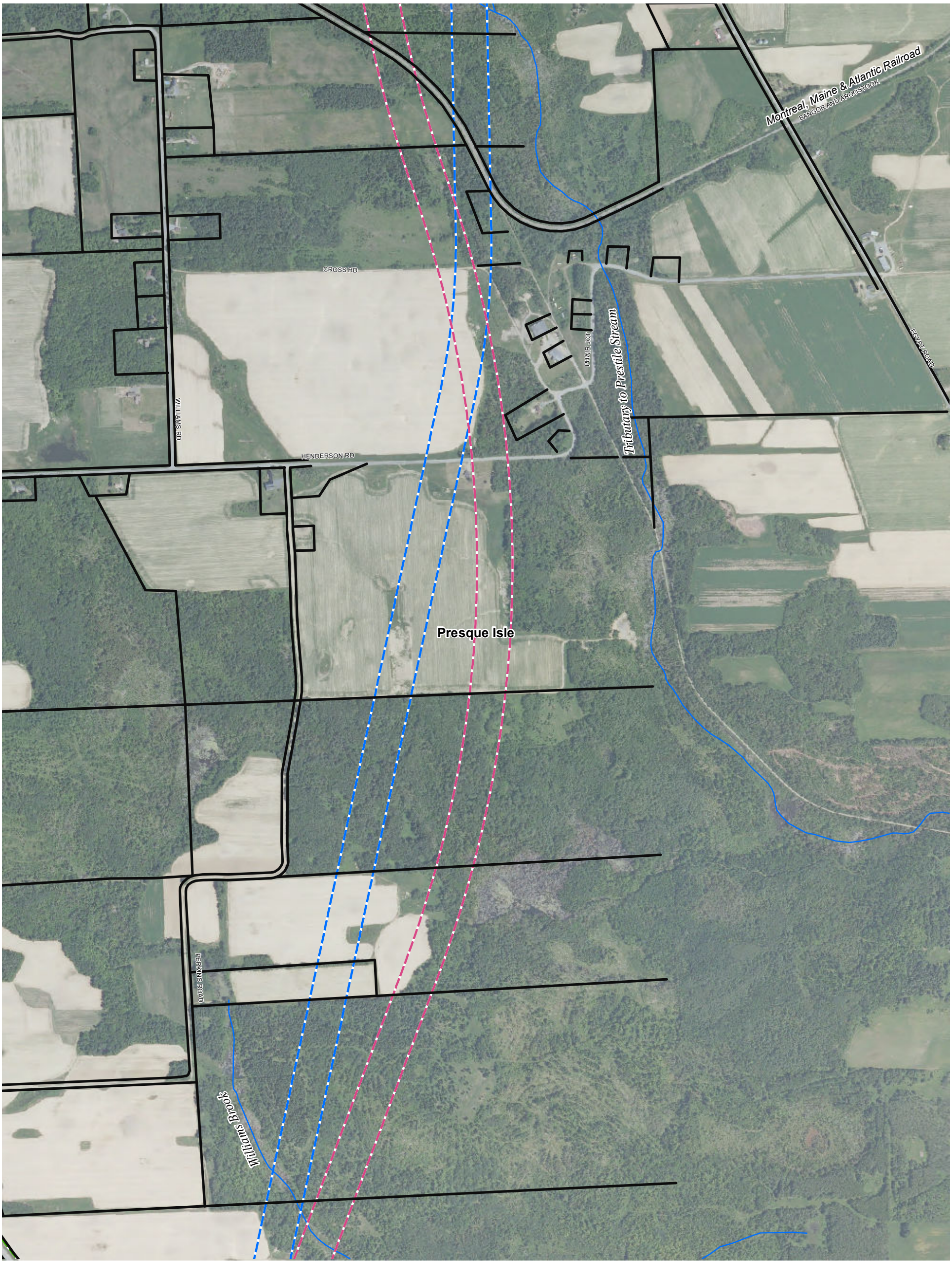
Figure 2-4b

Detailed View of
Presque Isle Bypass
Tier 2 FEIS Alternatives

\\MAWATR\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_2-4 Detailed View of Presque Isle.mxd 10/19/2012



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

0 400 800 Feet

Location Map

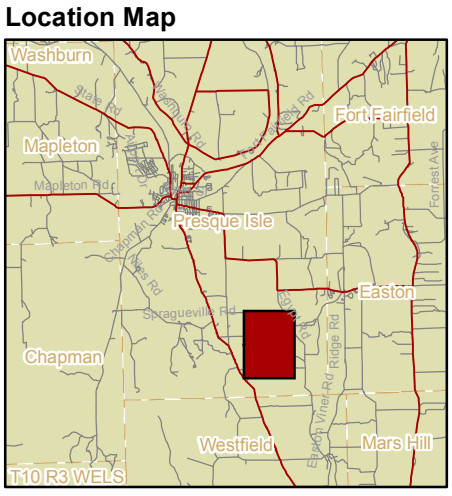


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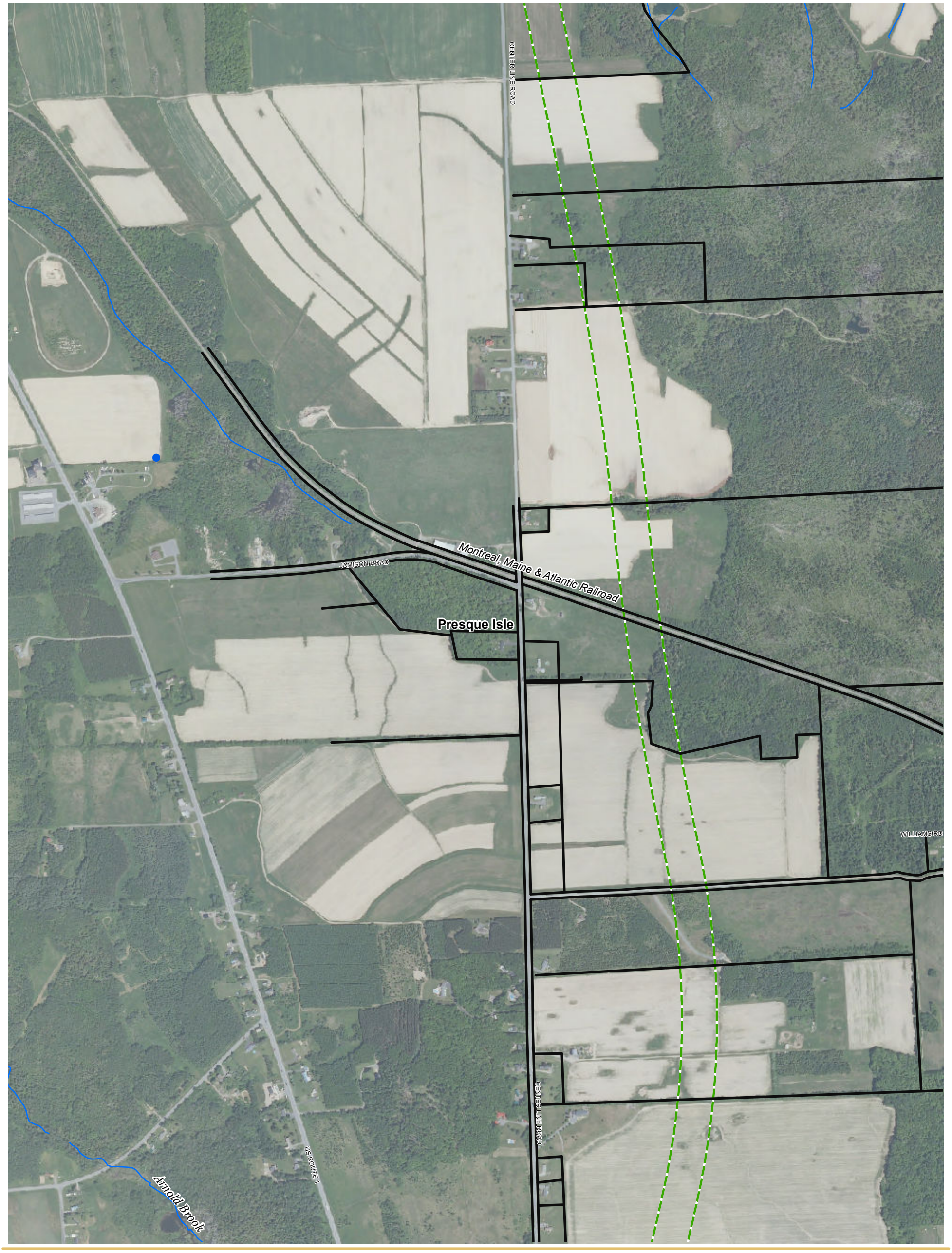
Figure 2-4c

Detailed View of
Presque Isle Bypass
Tier 2 FEIS Alternatives

\\MAWATR\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_2-4 Detailed View of Presque Isle.mxd 10/19/2012



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

0 400 800 Feet

Location Map

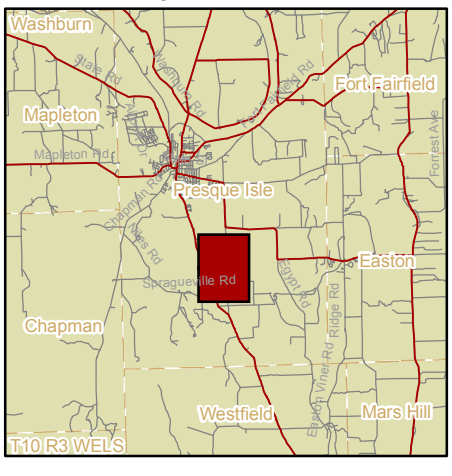


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Figure 2-4d

Detailed View of
Presque Isle Bypass
Tier 2 FEIS Alternatives

\\MAWATR\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_2-4 Detailed View of Presque Isle.mxd 10/19/2012

EASTON ROAD
CLEAVES ROAD
ROUTE 10 - EASTON ROAD
10
Presque Isle
US ROUTE 1
ROUTE 10 - EASTON ROAD
EGYPT ROAD
Tributary to Prestile Stream
WILLIAMS RD
Atlantic Railroad

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

0 400 800 Feet

Location Map

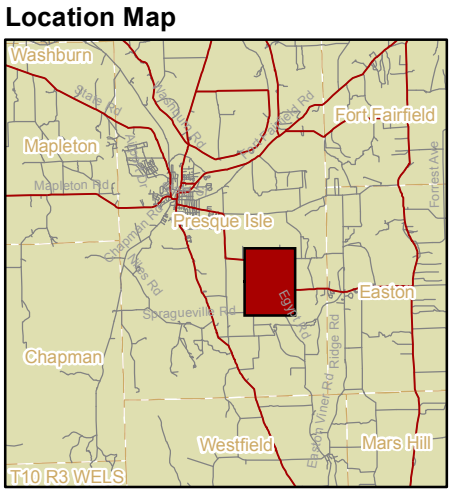

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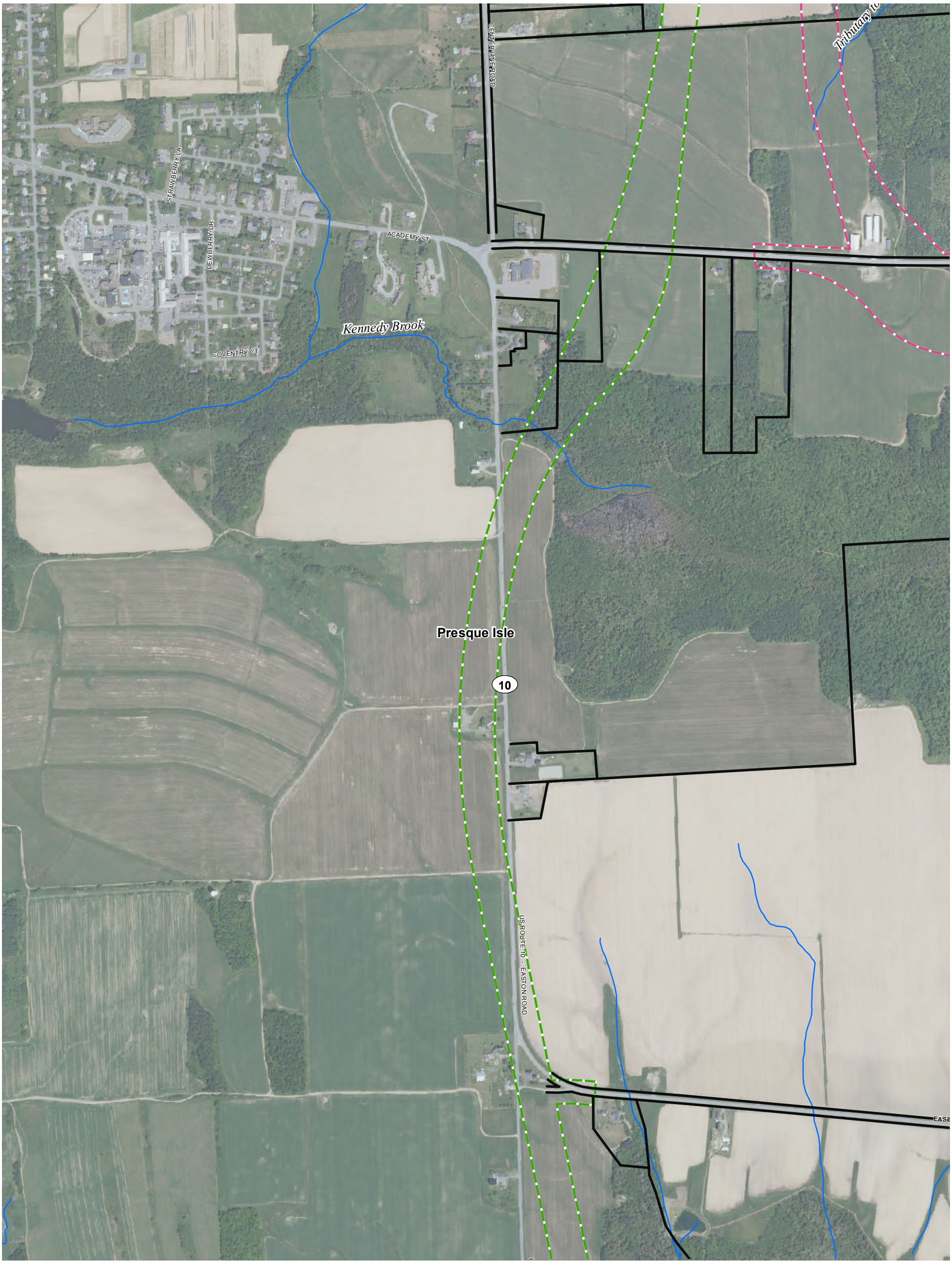
Figure 2-4e

Detailed View of
Presque Isle Bypass
Tier 2 FEIS Alternatives

\\MAWATR\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_2-4 Detailed View of Presque Isle.mxd 10/19/2012



Legend

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

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

Parcel Boundary

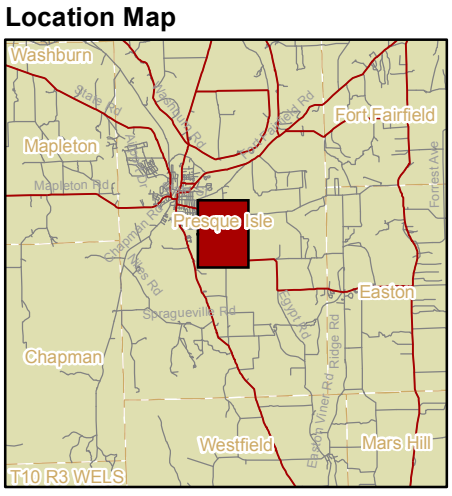
Streams

Note: Parcel boundaries are approximate

Parcel Boundary Data Source: Langille Aroostook Engineering Group, 2004

0 400 800 Feet

Location Map

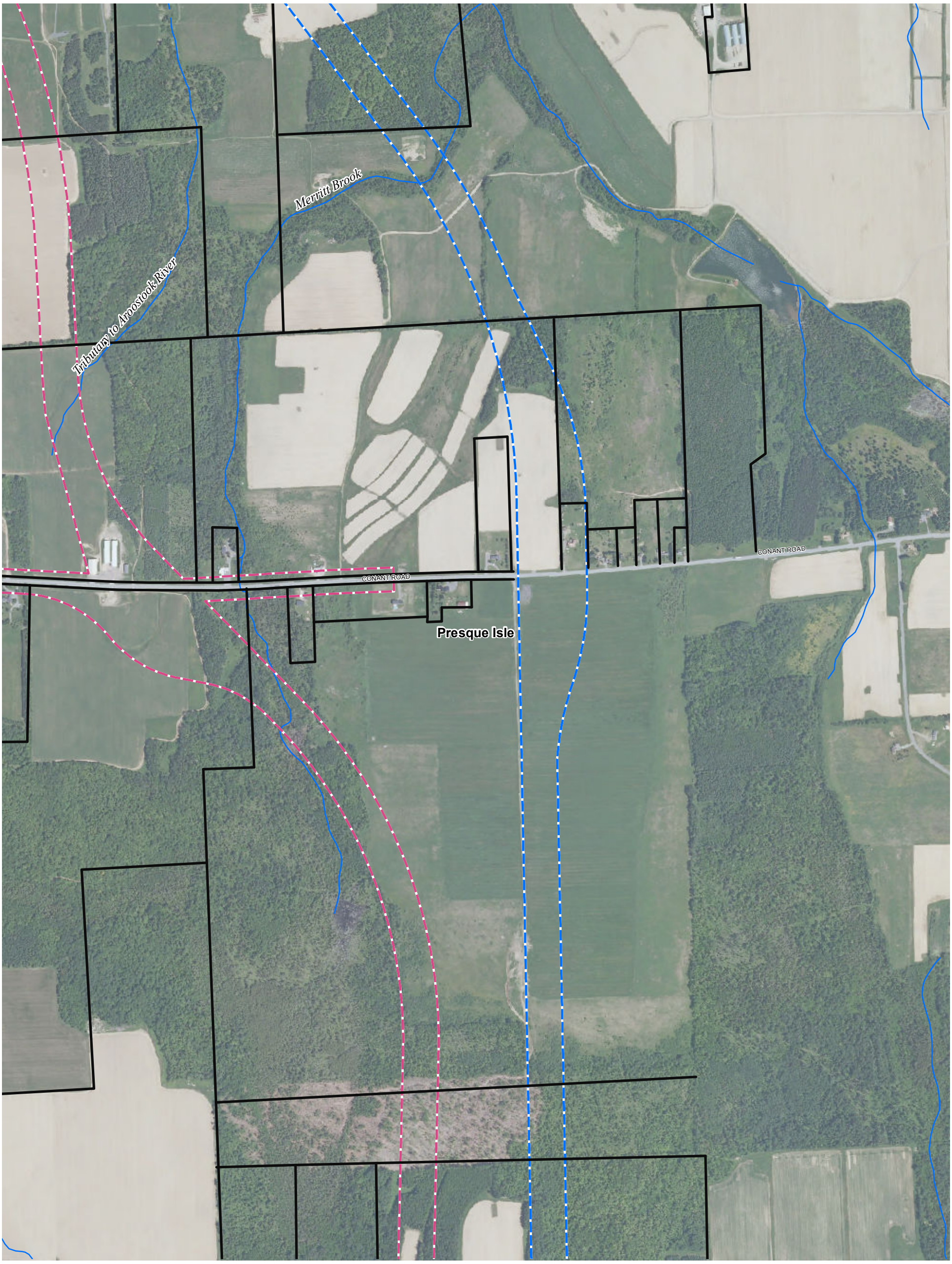


Aroostook County Transportation Study

Figure 2-4f

Detailed View of
Presque Isle Bypass
Tier 2 FEIS Alternatives

\\MAWATR\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_2-4 Detailed View of Presque Isle.mxd 10/19/2012



Legend

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

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

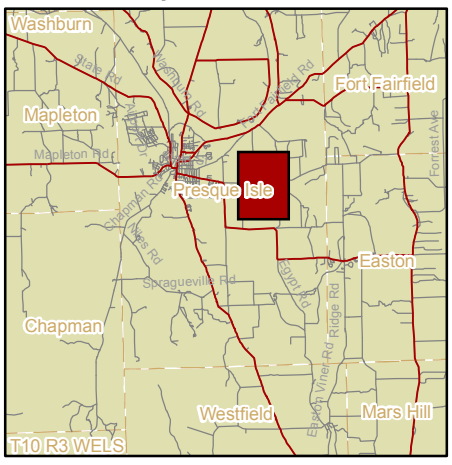
Note: Parcel boundaries are approximate

Parcel Boundary Data Source: Langille Aroostook Engineering Group, 2004

- Parcel Boundary
- Streams

0 400 800 Feet

Location Map



Aroostook County Transportation Study

Figure 2-4g

Detailed View of
Presque Isle Bypass
Tier 2 FEIS Alternatives

\\MAWATR\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_2-4 Detailed View of Presque Isle.mxd 10/19/2012

Tributary to Aroostook River
RTE 210
BANGOR & AROOSTOOK RR
Aroostook River
210
REACH RD
RTE 210
Montreal, Maine & Atlantic Railroad
Aroostook River
167
Presque Isle
STATE STREET
Tributary to Aroostook River
Tributary to Aroostook River
LOMBARD ST
SKYVIEW DR
CITYVIEW DR
LOMBARD ST
STATE ST
STATE ST
CENTERLINE
Merritt Brook
Tributary to Aroostook River

Legend

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

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

Parcel Boundary

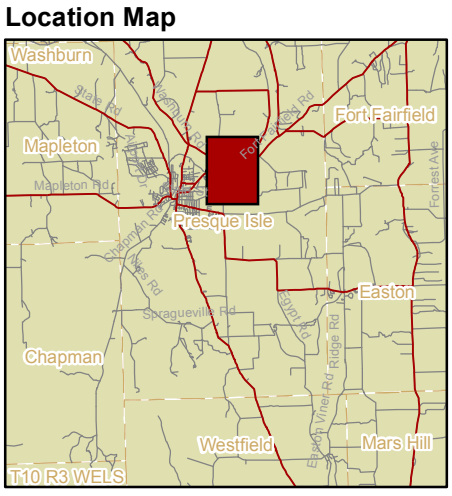
Streams

Note: Parcel boundaries are approximate

Parcel Boundary Data Source: Langille Aroostook Engineering Group, 2004

0 400 800 Feet

Location Map

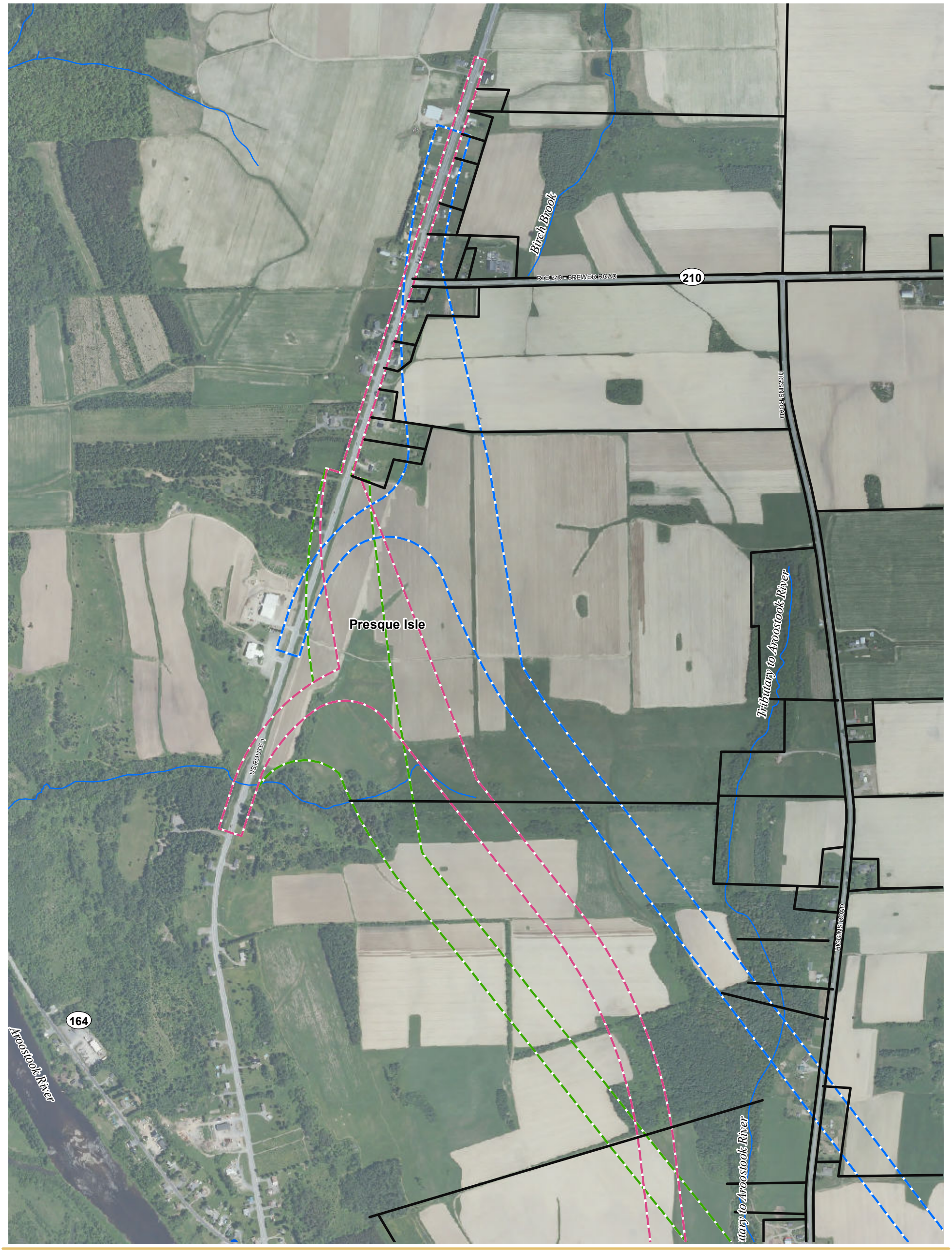


Aroostook County Transportation Study

Figure 2-4h

Detailed View of
Presque Isle Bypass
Tier 2 FEIS Alternatives

\\MAWATR\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_2-4 Detailed View of Presque Isle.mxd 10/19/2012



Legend

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

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

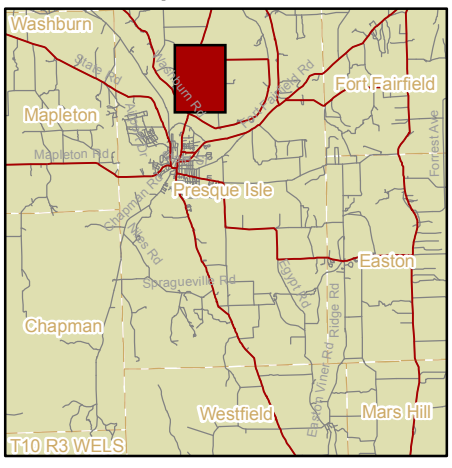
Note: Parcel boundaries are approximate

Parcel Boundary Data Source: Langille Aroostook Engineering Group, 2004

- Parcel Boundary
- Streams

0 400 800 Feet

Location Map

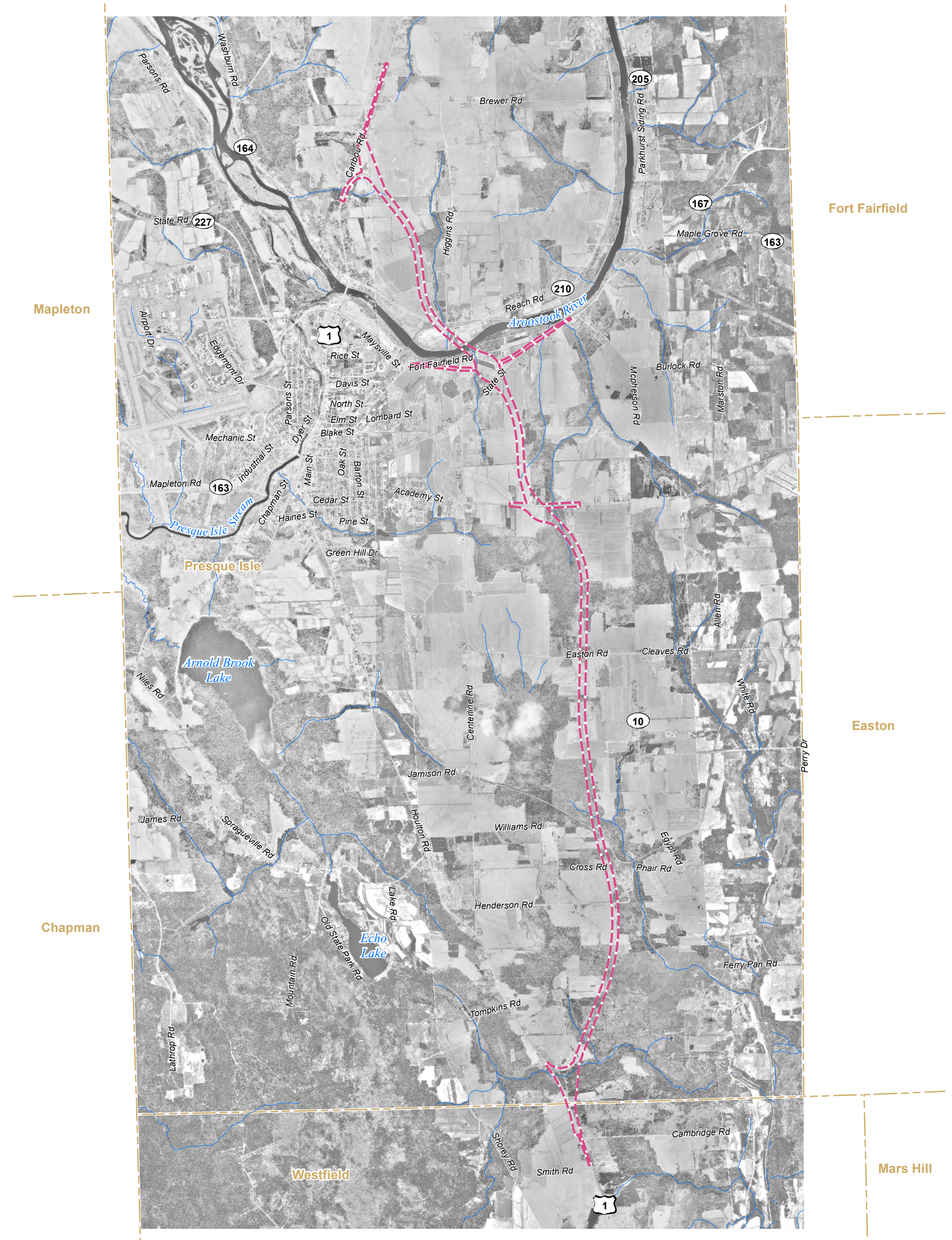


Aroostook County Transportation Study

Figure 2-4i

Detailed View of
Presque Isle Bypass
Tier 2 FEIS Alternatives

\\mawatr\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_2-5 Preferred Alternative - Alignment Option 7.mxd 3/9/2012



Legend

- Town Boundaries
- Alignment Option 7

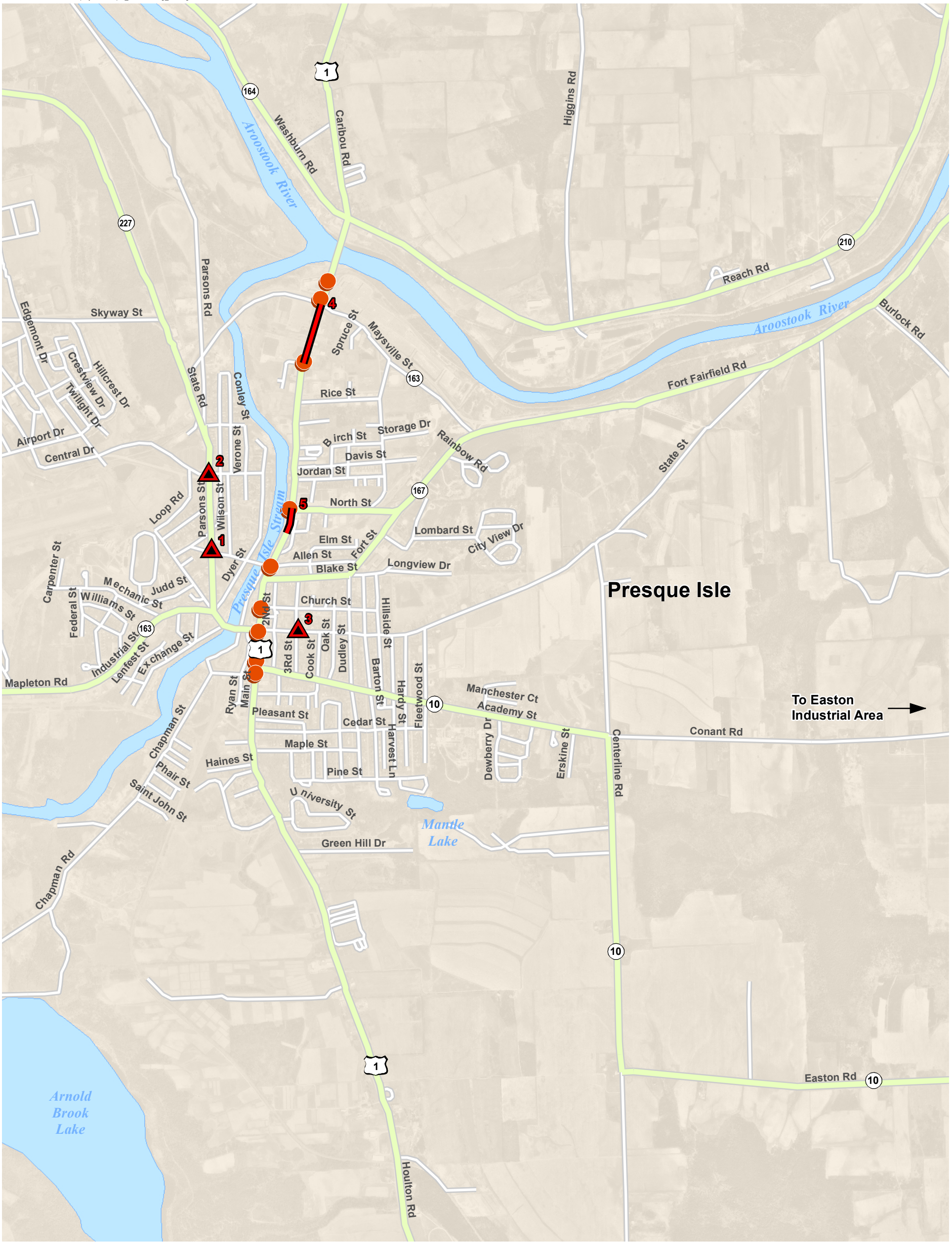
Aroostook County Transportation Study

Figure 2-5

Preferred Alternative - Presque Isle Bypass

0 2,250 4,500 Feet

\\mawatr\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_3-1 High Crash Locations.mxd 3/6/2012



Legend

2007 - 2009 High Crash Location

Signalized Intersection

Aroostook County Transportation Study

Figure 3-1

High Crash Locations

0 1,000 2,000 Feet

\\mawatr\ev\06520.02\GIS\project\Presque_Isle\Fig_3-2 Key Social and Cultural Constraints.mxd

Mapleton
Fort Fairfield
Presque Isle
Chapman
Easton
Westfield
Mars Hill
Parsons Rd
Washburn Rd
Brewer Rd
Caribou Rd
Higgins Rd
Parkhurst Siding Rd
205
164
167
State Rd
227
Maple Grove Rd
163
210
Reach Rd
Aroostook River
Airport Dr
Edgemont Dr
1
Maysville St
Rice St
Fort Fairfield Rd
State St
Burlock Rd
Mcpherson Rd
Marston Rd
Davis St
North St
Elm St
Lombard St
Blake St
Parsons St
Dyer St
Oak St
Main St
Barton St
Mechanic St
Industrial St
Mapleton Rd
163
Chapman St
Cedar St
Academy St
Haines St
Pine St
Presque Isle Stream
Green Hill Dr
Montreal, Maine, Atlantic Rail
Arnold Brook Lake
Nile Rd
Allen Rd
Easton Rd
Cleaves Rd
White Rd
Center Line Rd
10
Perry Dr
Jamison Rd
James Rd
Spragueville Rd
Houlton Rd
Williams Rd
Egypt Rd
Cross Rd
Phair Rd
Lake Rd
Henderson Rd
Old State Park Rd
Echo Lake
Aroostook State Park
Mountain Rd
Aroostook State Park
Ferry Pan Rd
Tompkins Rd
Lathrop Rd
Shorey Rd
Cambridge Rd
Smith Rd
1

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

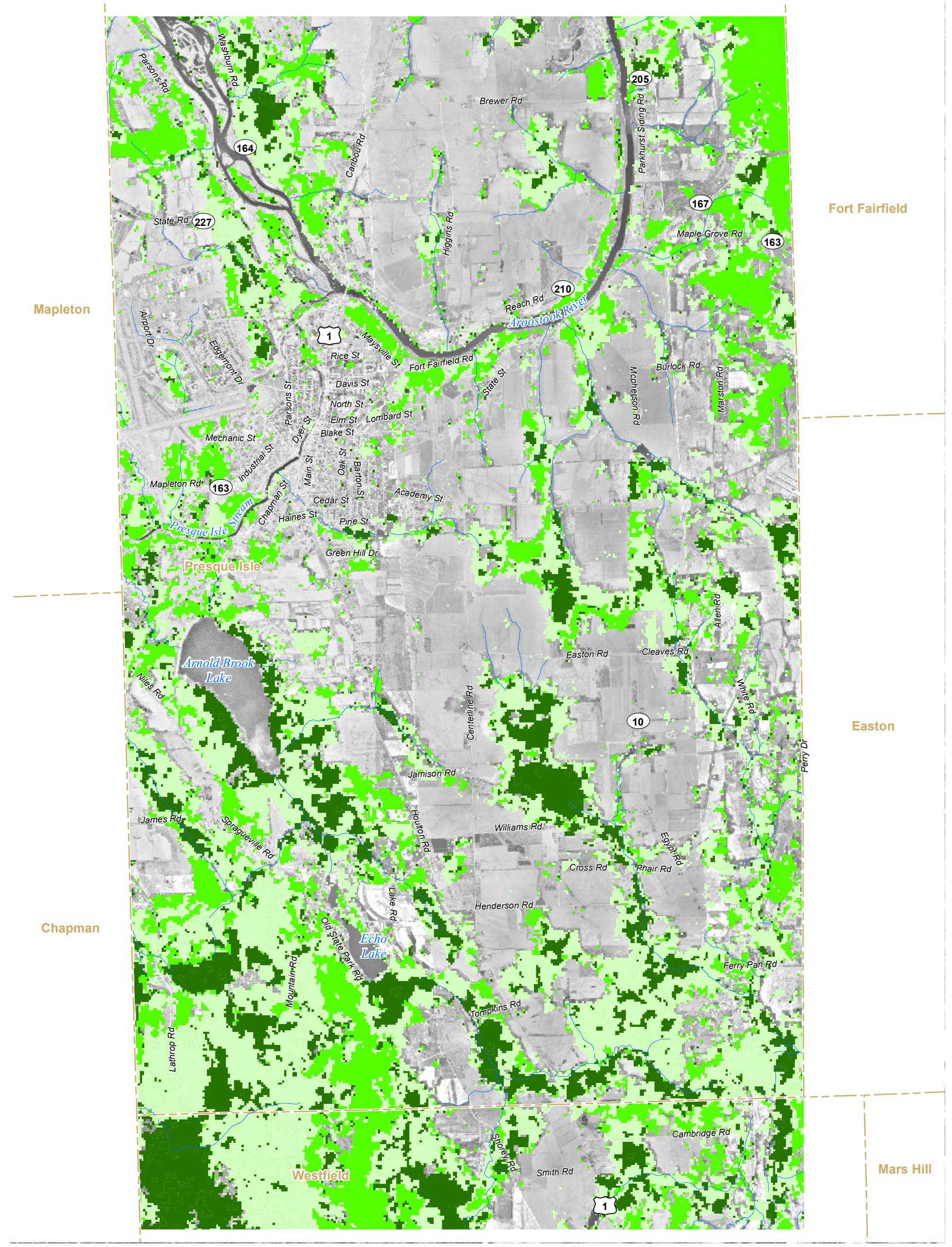
0 2,250 4,500 Feet

Aroostook County Transportation Study

Figure 3-2

Key Social and Cultural Constraints

\\MAWATR\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_3-3 Forested Land.mxd 10/22/2012



Legend

Town Boundaries

Forest Communities

Boreal Forest

Spruce - Northern Hardwood Forest

Deciduous Forest

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

0 2,250 4,500 Feet

Aroostook County Transportation Study

Figure 3-3

Forested Land

\\mawatr\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_3-4a Farmed Land.mxd 3/6/2012

Legend

- Town Boundaries
- Farmed Land

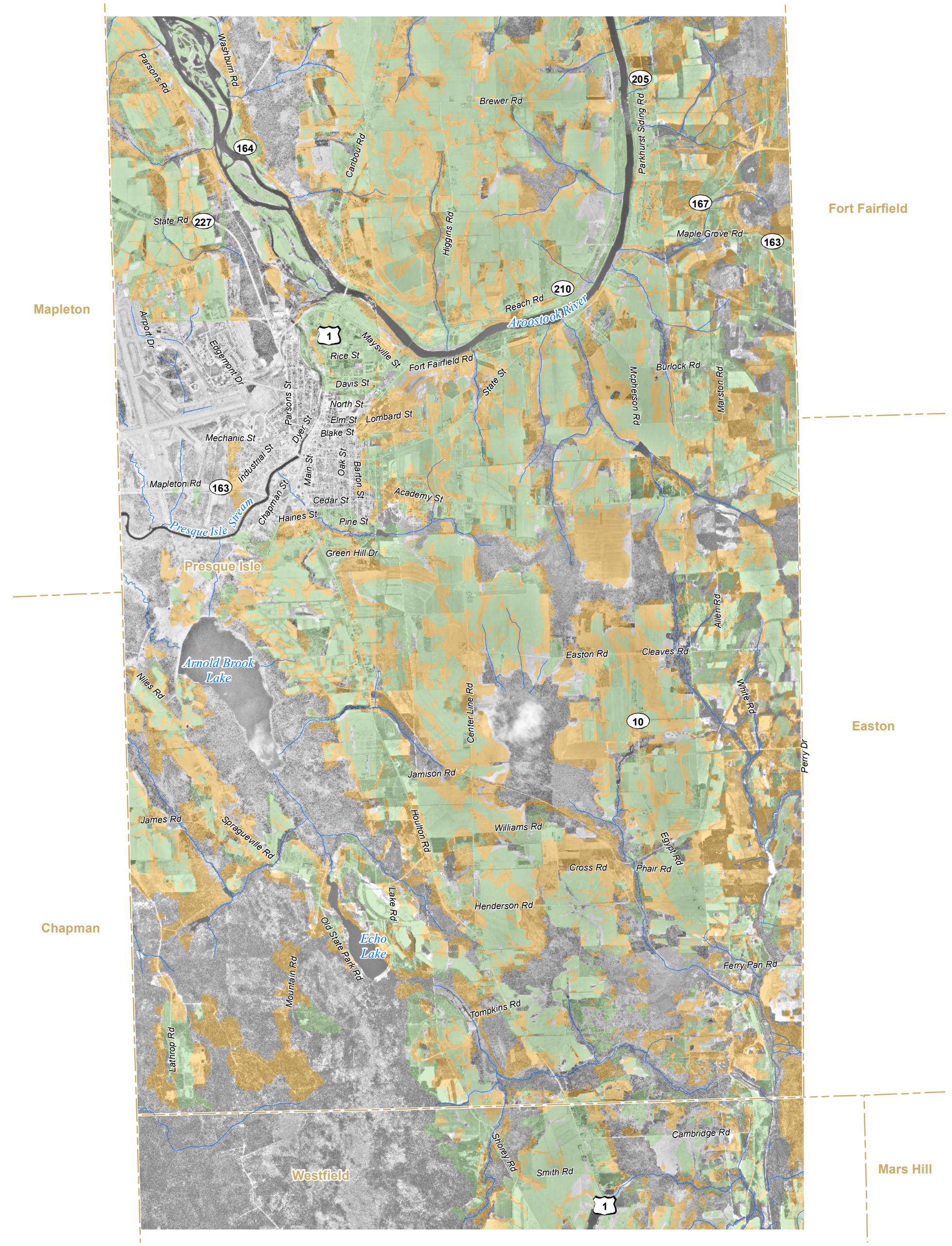
Aroostook County Transportation Study

Figure 3-4a

Farmed Land

0 2,250 4,500 Feet

\\mawatr\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_3-4b Farmland Soils.mxd 3/7/2012



Legend

- Town Boundaries
- Prime Farmland
- Farmland of Statewide Importance

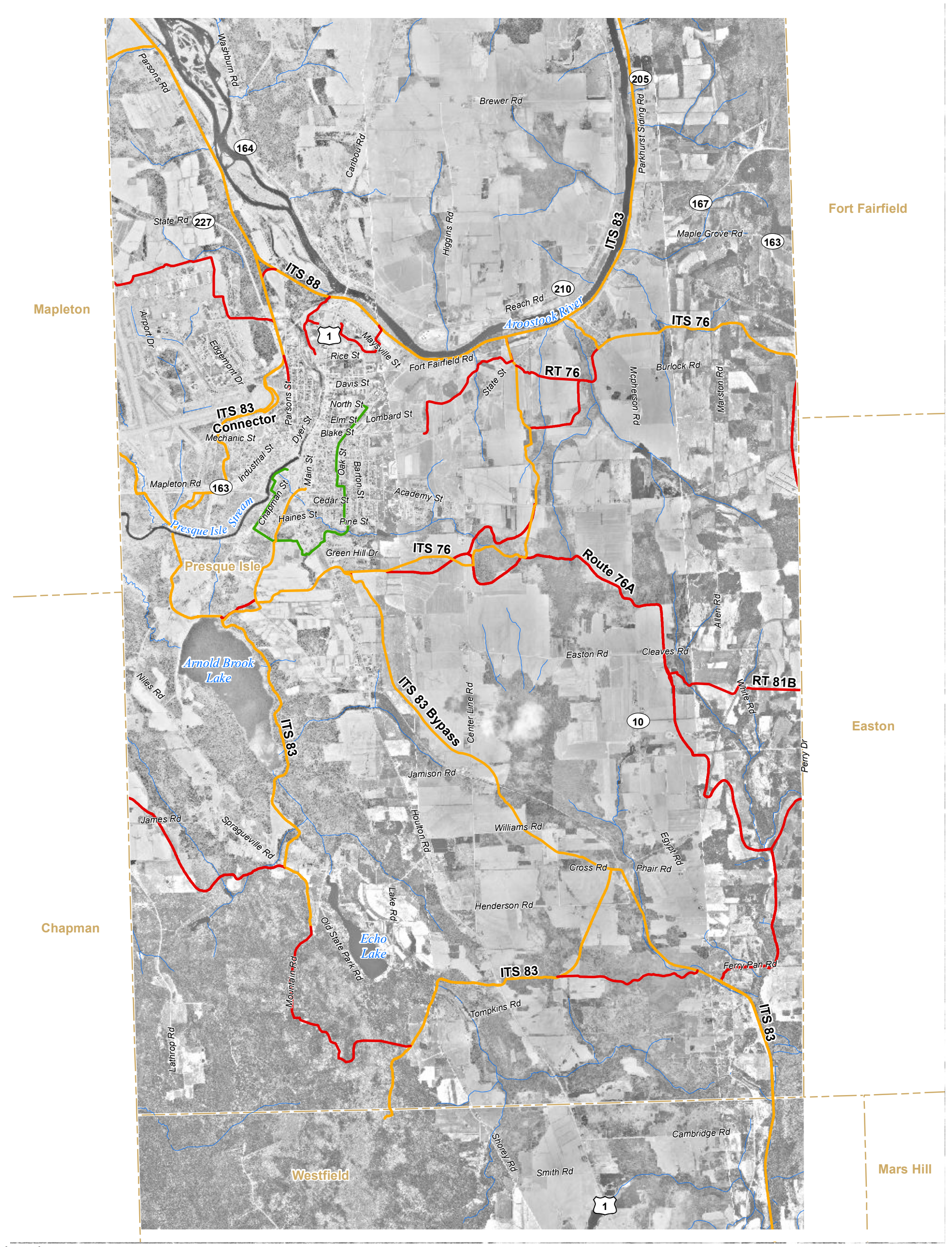
Aroostook County Transportation Study

Figure 3-4b

Farmland Soils

0 2,250 4,500 Feet

\\mawatr\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_3-5 Snowmobile Trails and Pedestrian Trails.mxd 7/13/2012



Legend

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

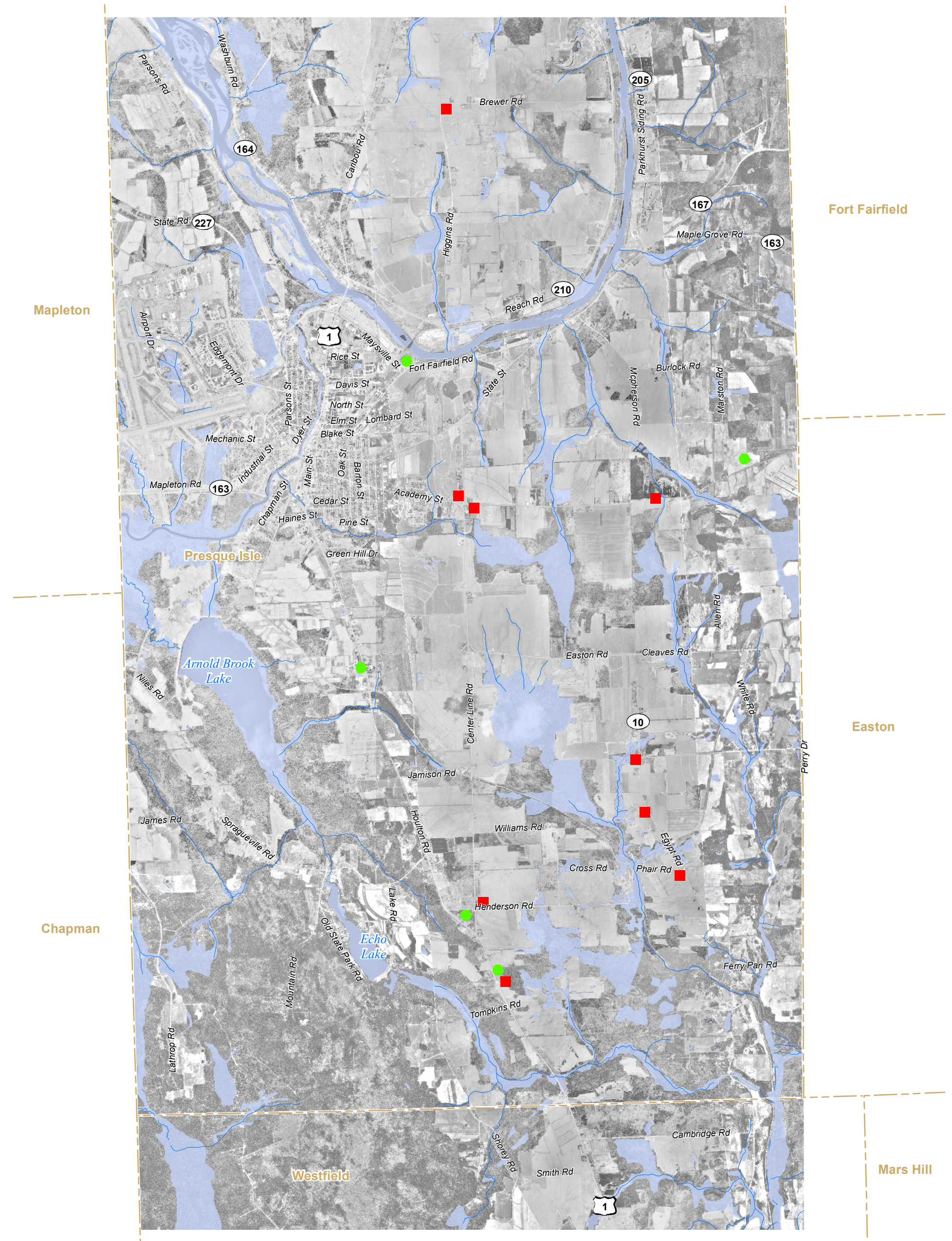
Aroostook County Transportation Study

Figure 3-5

Snowmobile and Pedestrian Trails

0 2,250 4,500 Feet

\\mawatr\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_3-6 Registered UST.mxd 3/6/2012



Legend

- Town Boundaries
- Wetland
- Spill
- UST

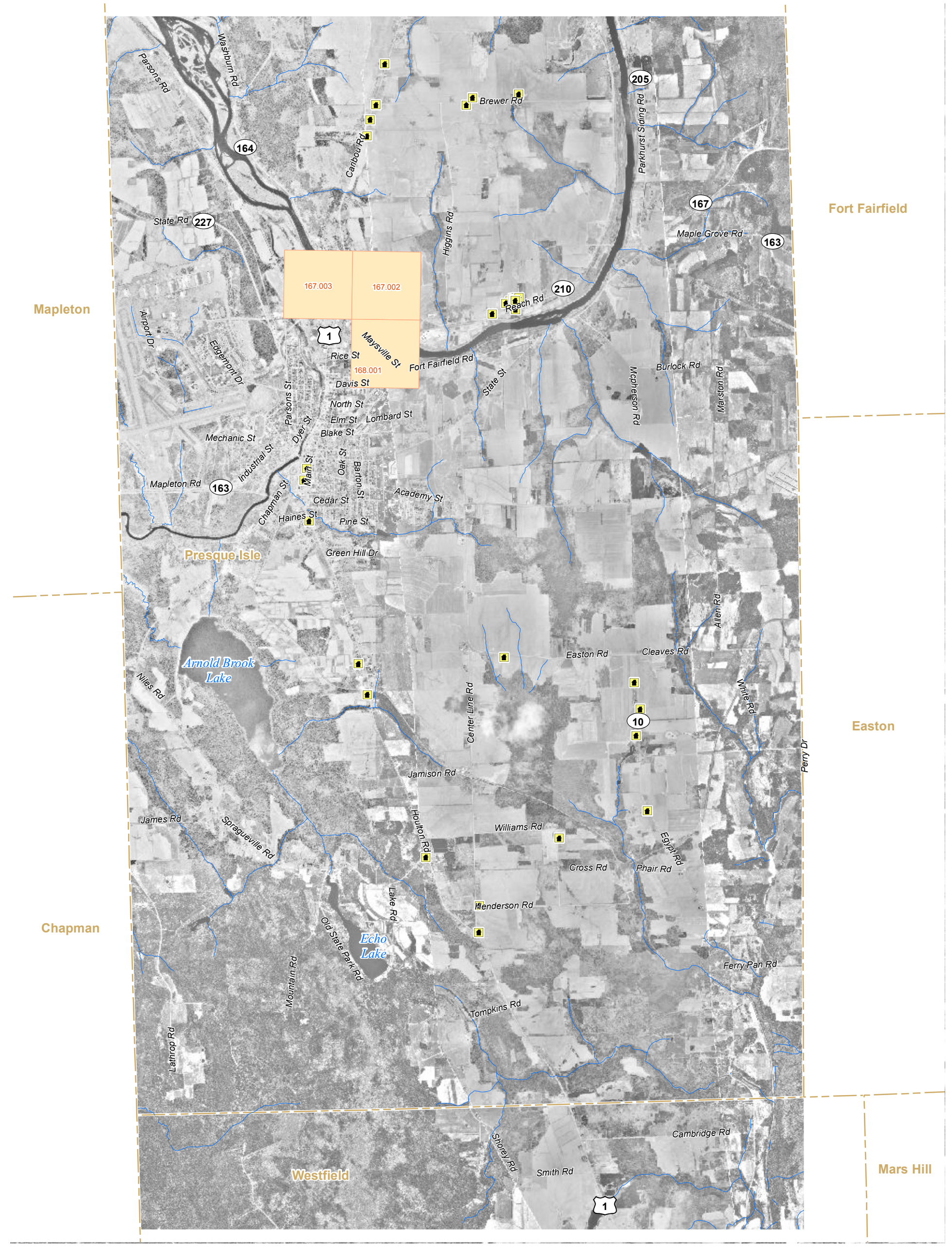
0 2,250 4,500 Feet

Aroostook County Transportation Study

Figure 3-6

Registered Underground Storage Tanks and Known Spills

\\MAWATR\ev\06520.02\GIS\project\Presque_Isle\Final\Fig_3-7 Known Prehistoric and Historic Sites.mxd 10/22/2012



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.

0 2,250 4,500 Feet

Aroostook County Transportation Study

Figure 3-7

Known Historic Sites and Prehistoric and Historic Archaeological Sites