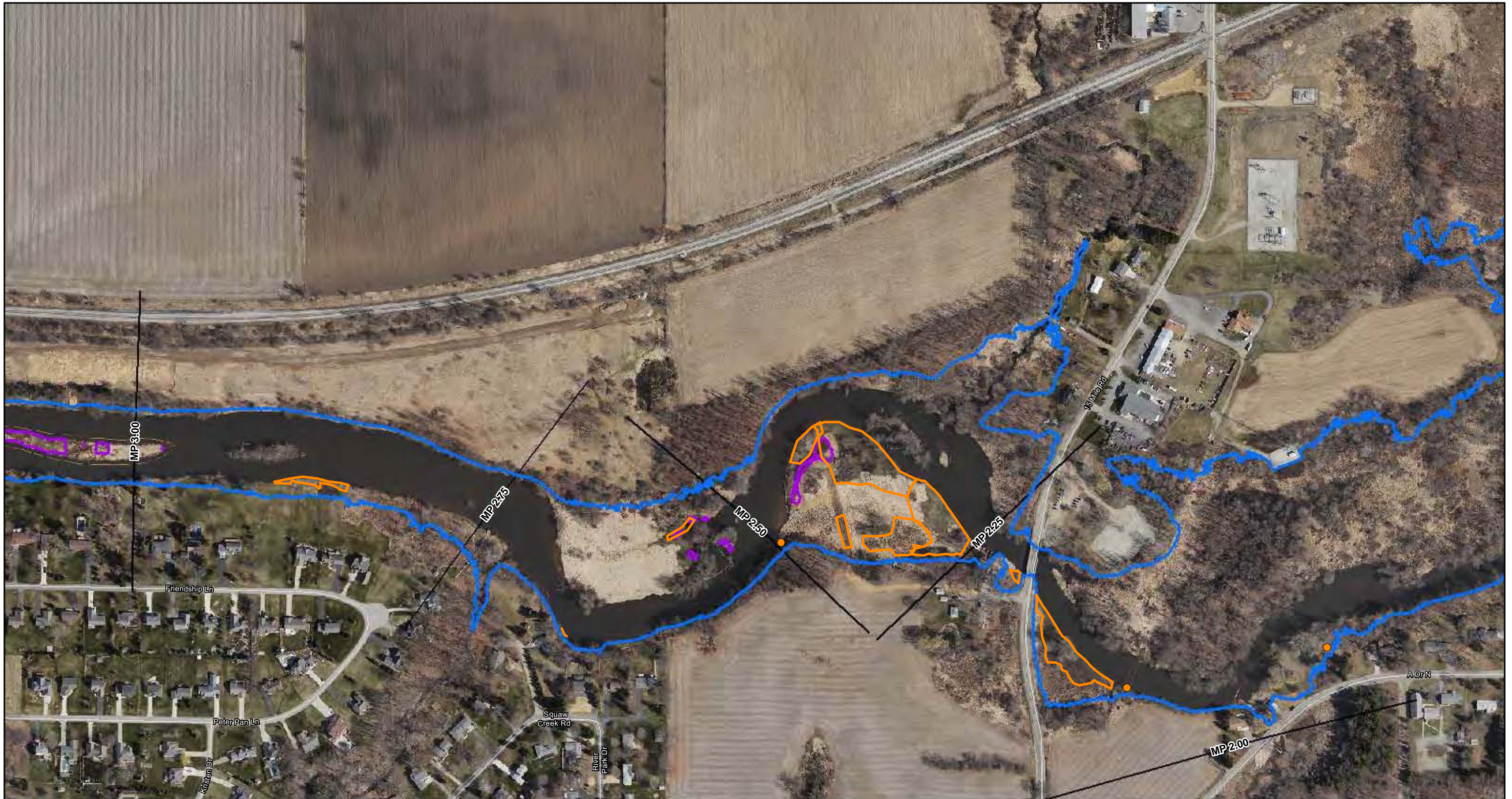
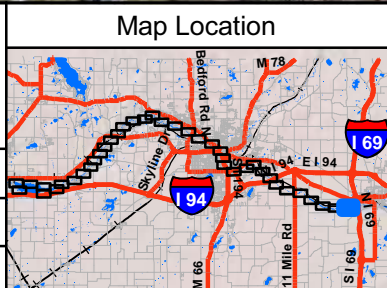


Attachment A
Overbank Oil: Spring 2012 Reassessment



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Legend

- Spring 2011 Reassessment Data
- Pooled Oil Observation
 - Film (Sheen) Observations
 - Innundated Areas - Reassess
 - Excavated Areas
 - 2011 Inundation Model
 - Quarter Mile Grid Segments

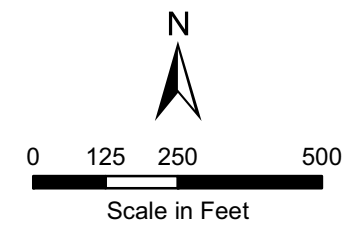


FIGURE 1
 PROPOSED SURVEY AREAS
 SPRING 2012 REASSESSMENT
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ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

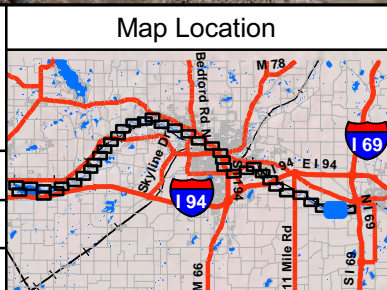


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Legend

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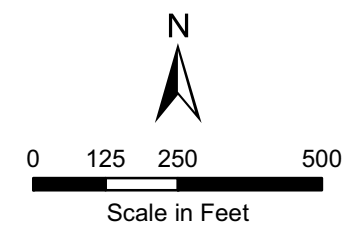
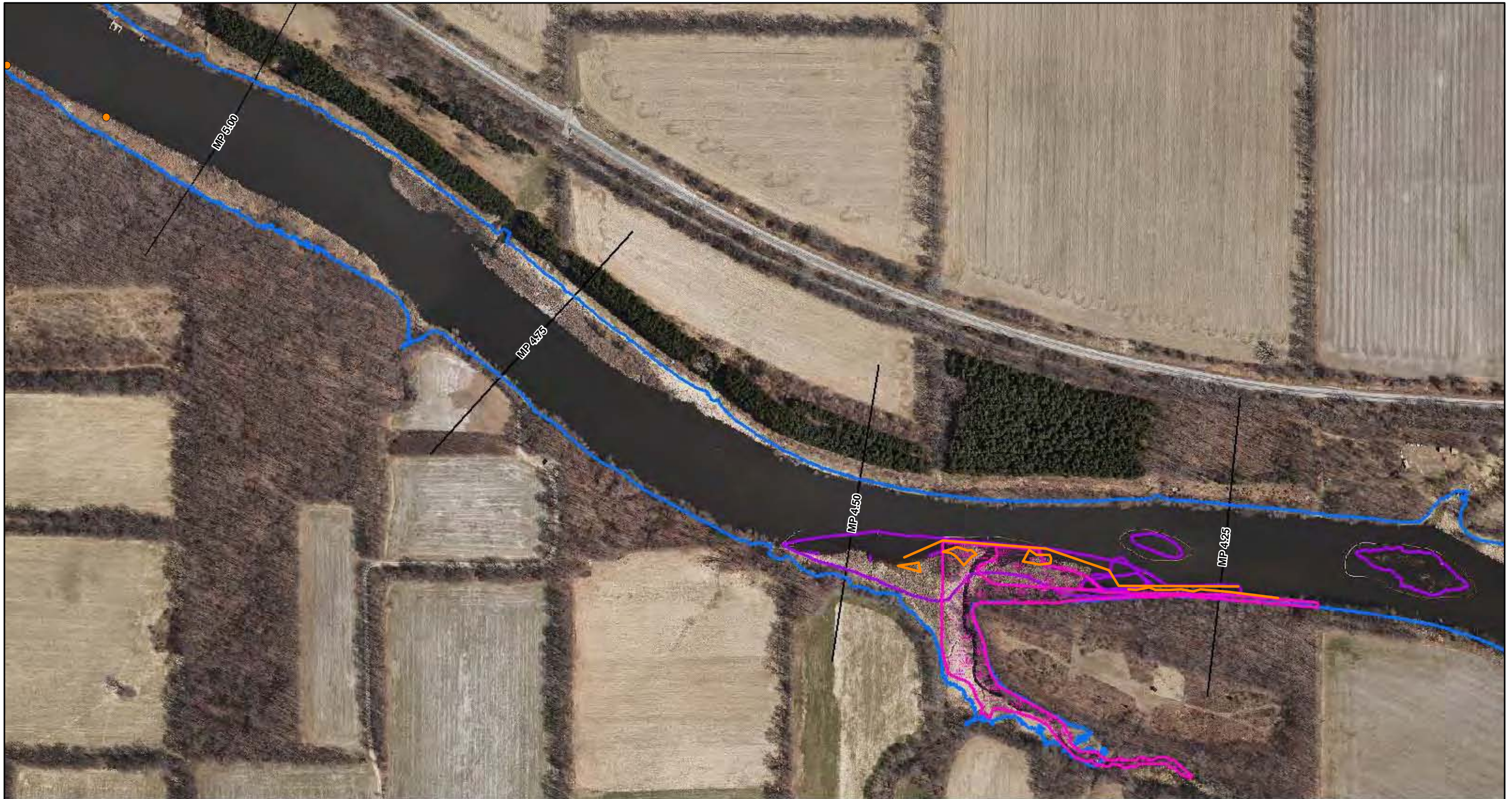


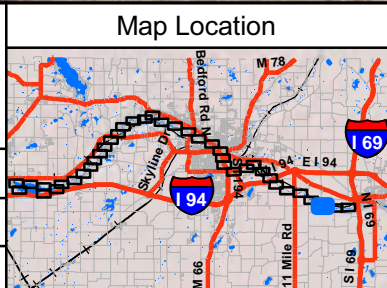
FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
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Legend

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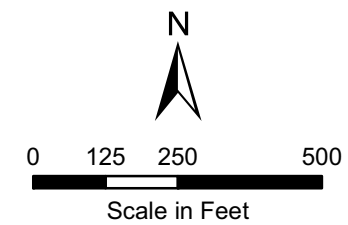
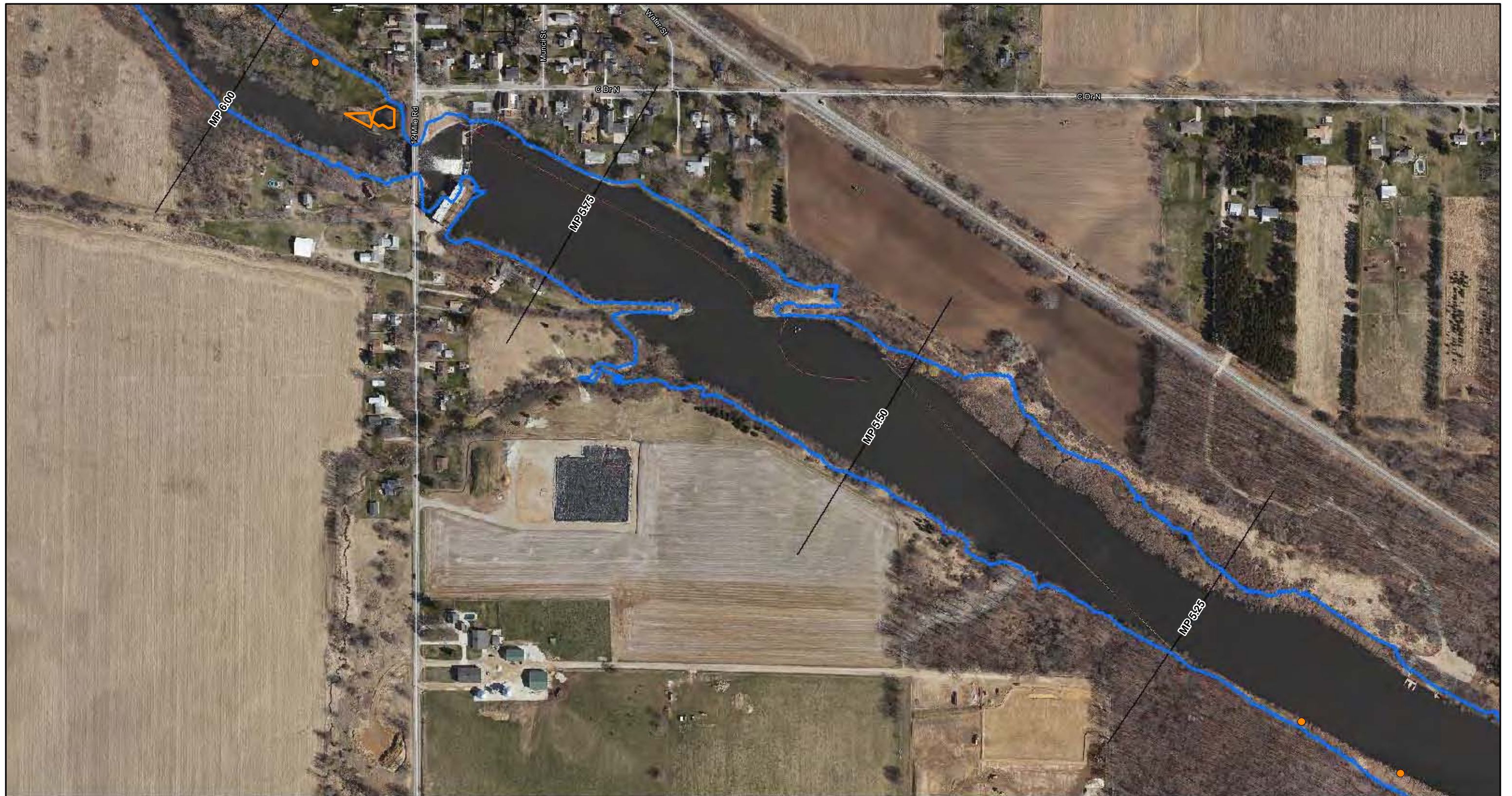


FIGURE 1
 PROPOSED SURVEY AREAS
 SPRING 2012 REASSESSMENT
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ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

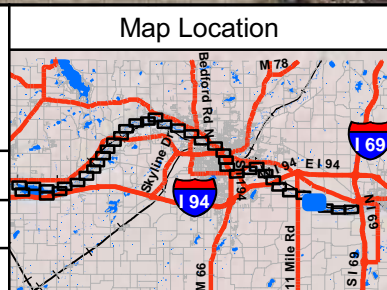


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Legend

Spring 2011 Reassessment Data

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- 2011 Inundation Model
- Quarter Mile Grid Segments

N

0 125 250 500

Scale in Feet

FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
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ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
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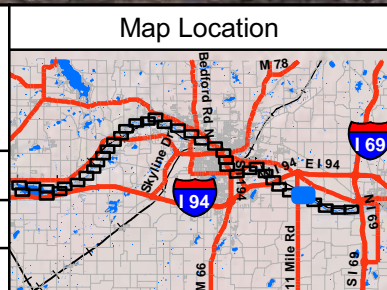


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Legend

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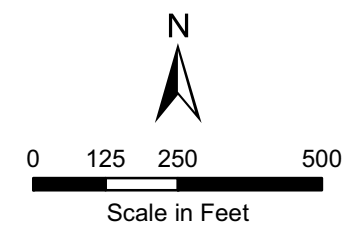


FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
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ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

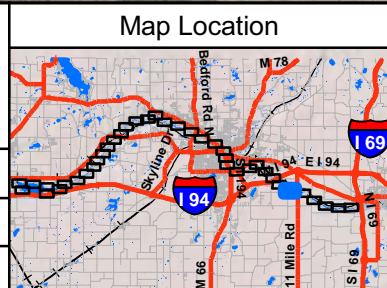


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Legend

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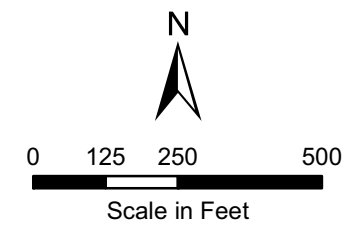
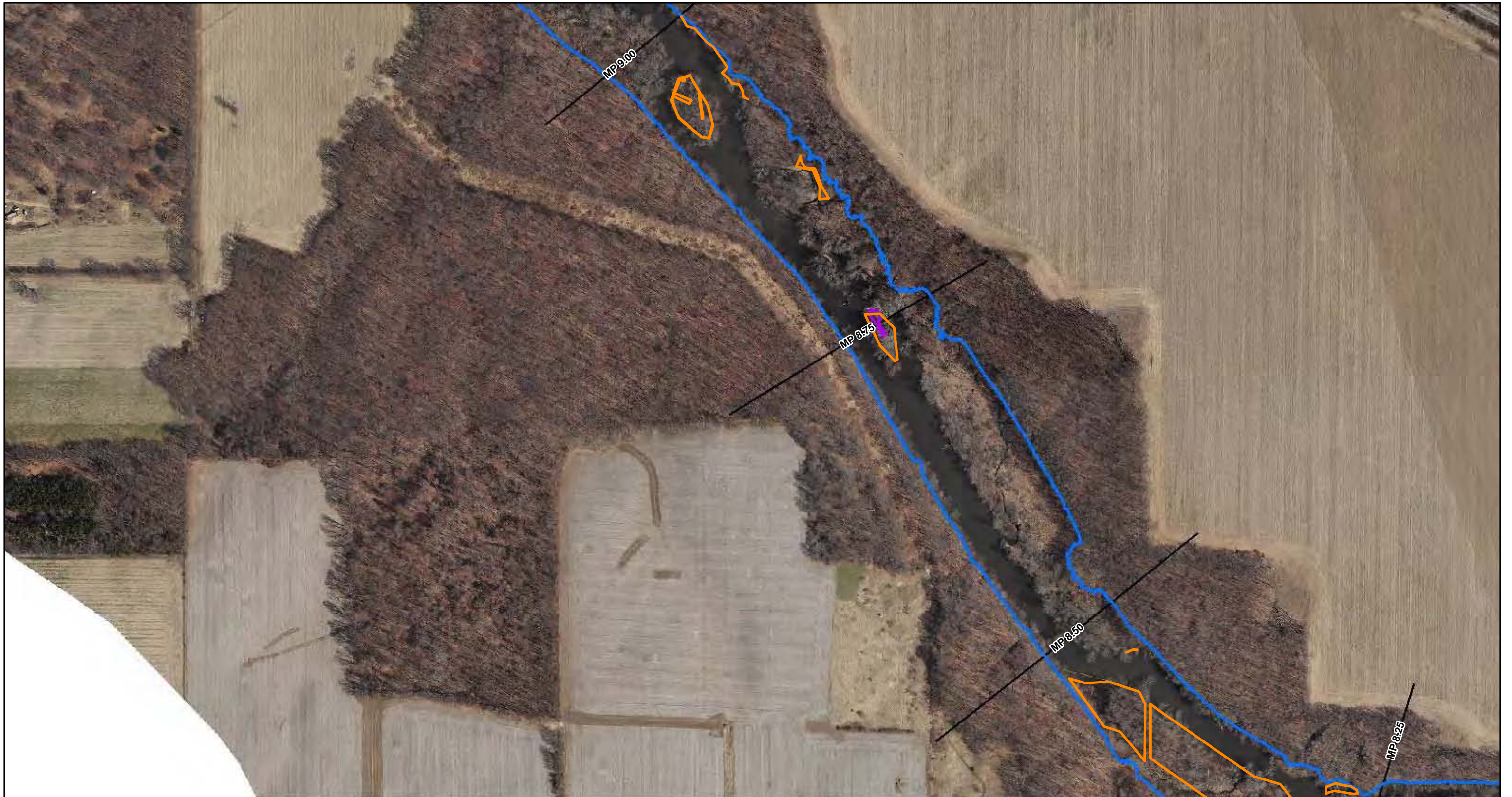


FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
 Sheet 6 of 39

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

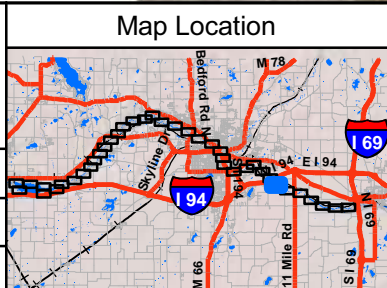


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Legend

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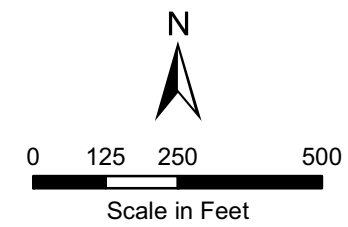


FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
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ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

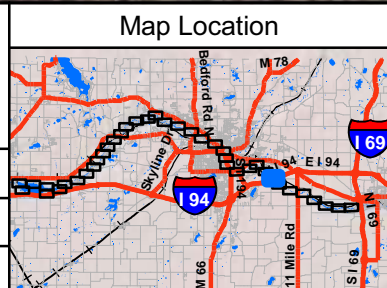


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Legend

- Spring 2011 Reassessment Data
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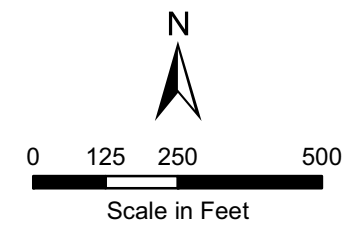
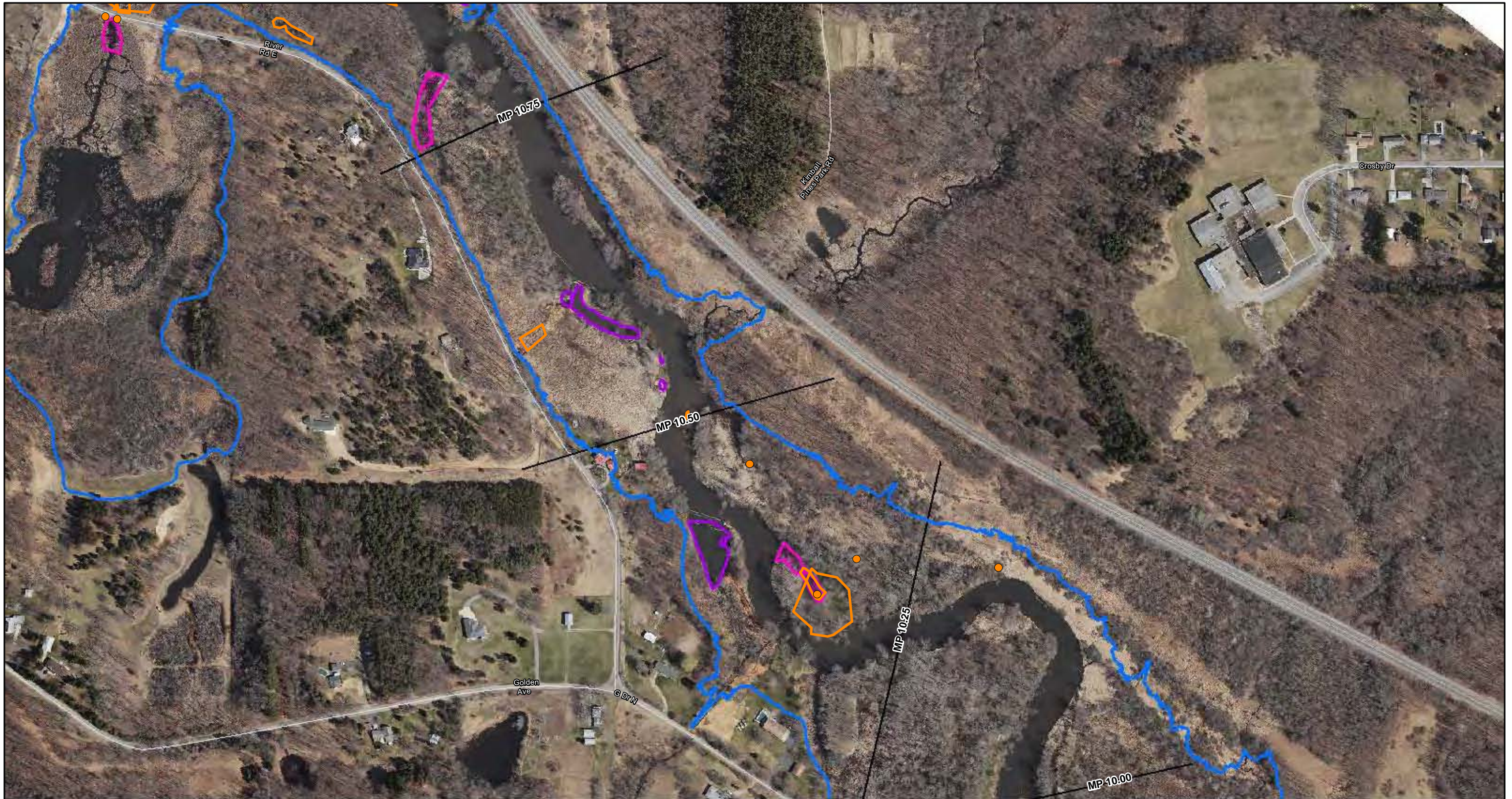


FIGURE 1
PROPOSED SURVEY AREAS
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Legend

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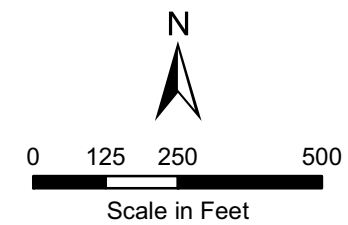
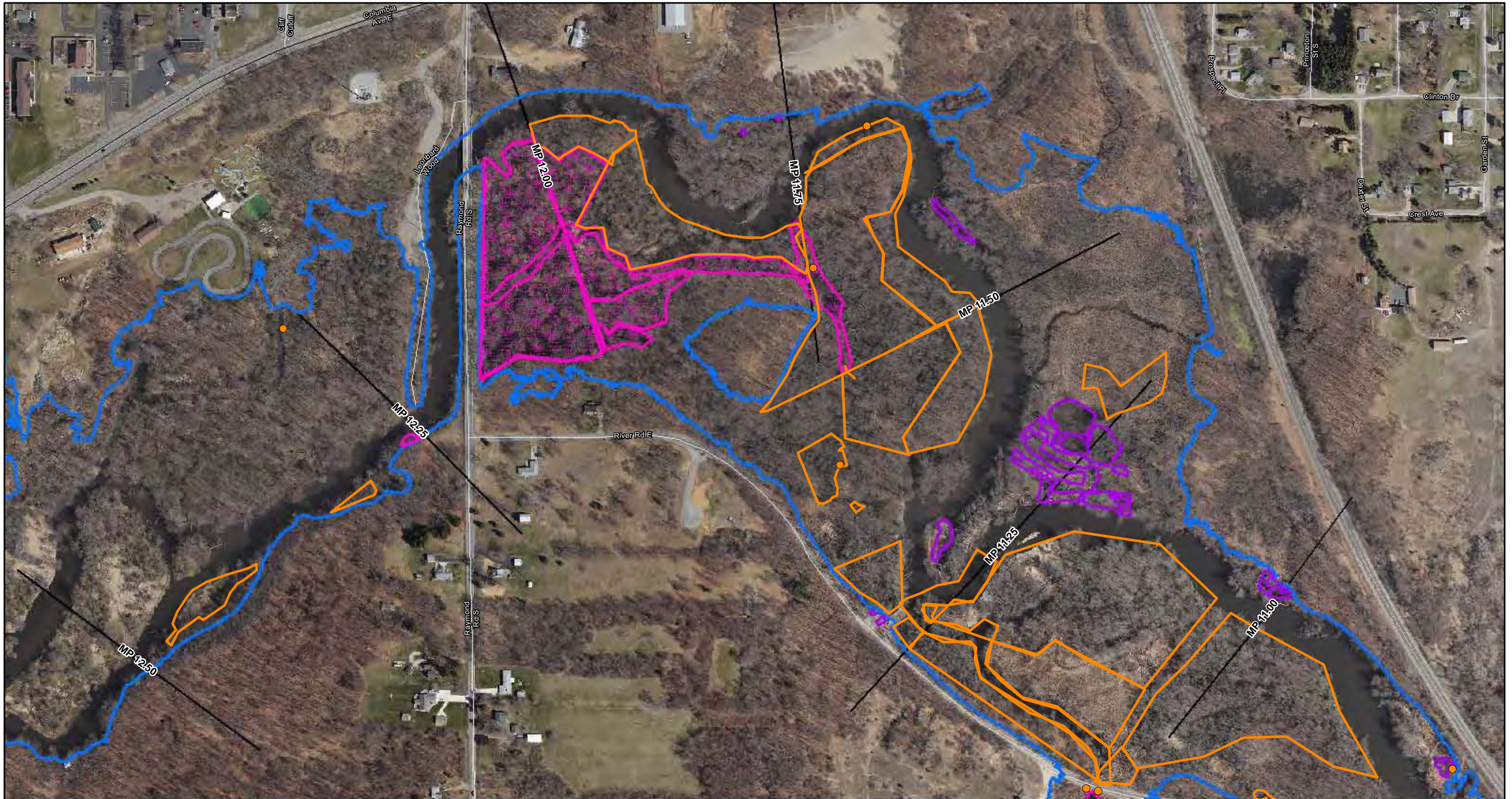


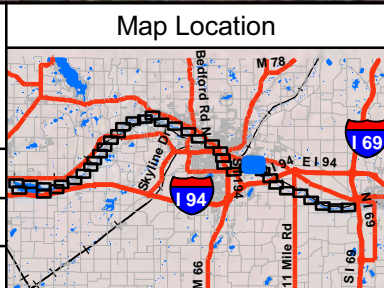
FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
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Legend

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- Quarter Mile Grid Segments

N

0 125 250 500

Scale in Feet

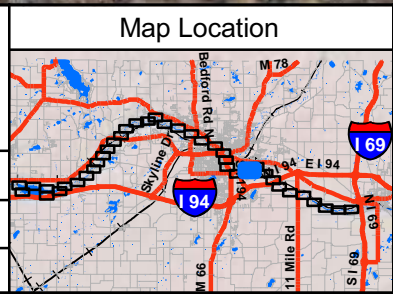
FIGURE 1
 PROPOSED SURVEY AREAS
 SPRING 2012 REASSESSMENT
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Spring 2011 Reassessment Data

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- Quarter Mile Grid Segments

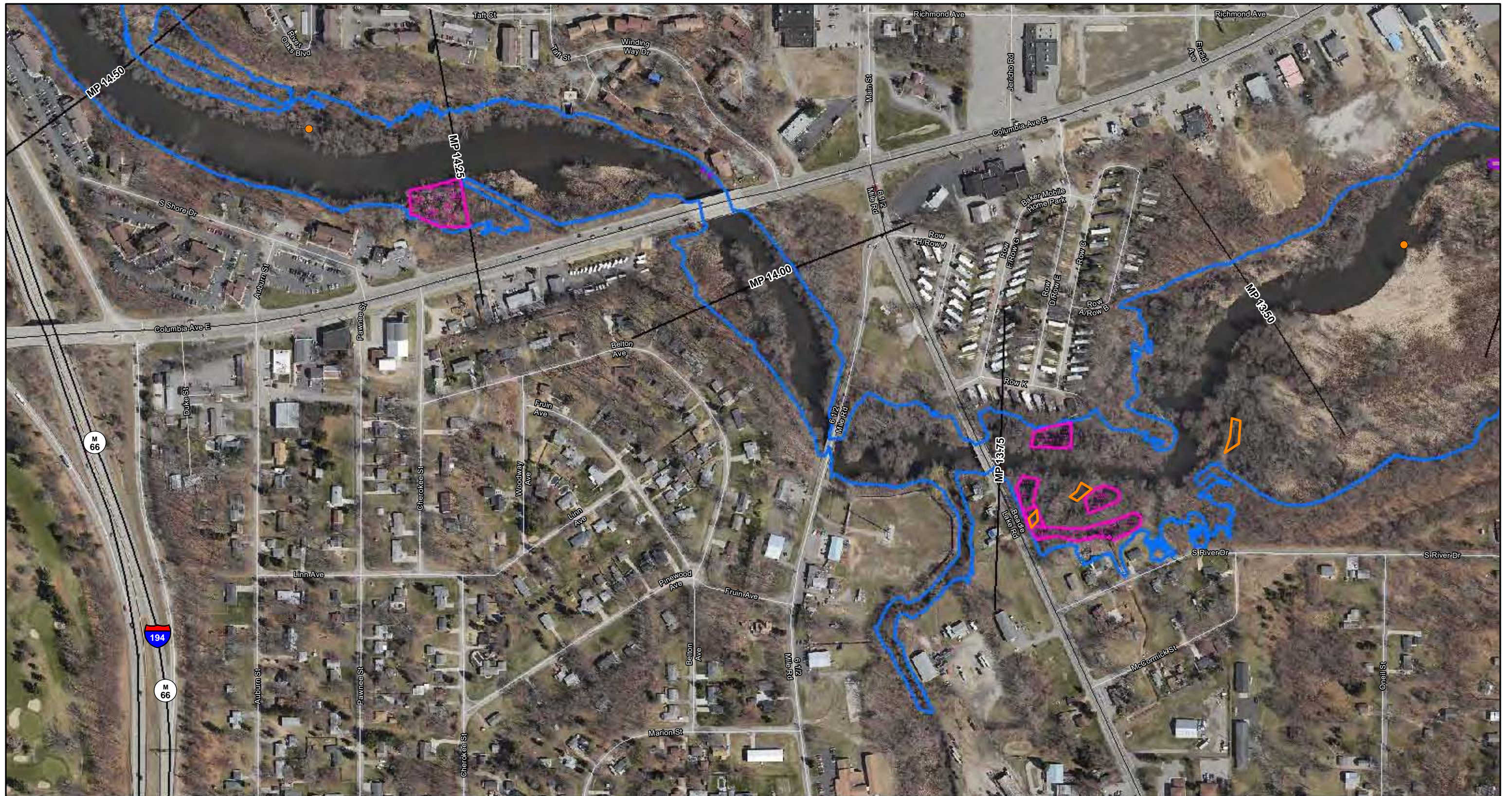
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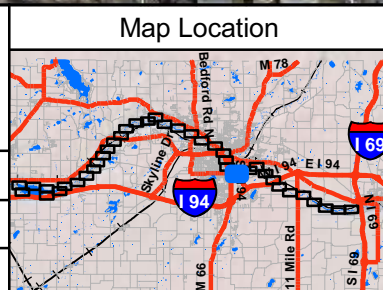
FIGURE 1
 PROPOSED SURVEY AREAS
 SPRING 2012 REASSESSMENT
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- Quarter Mile Grid Segments

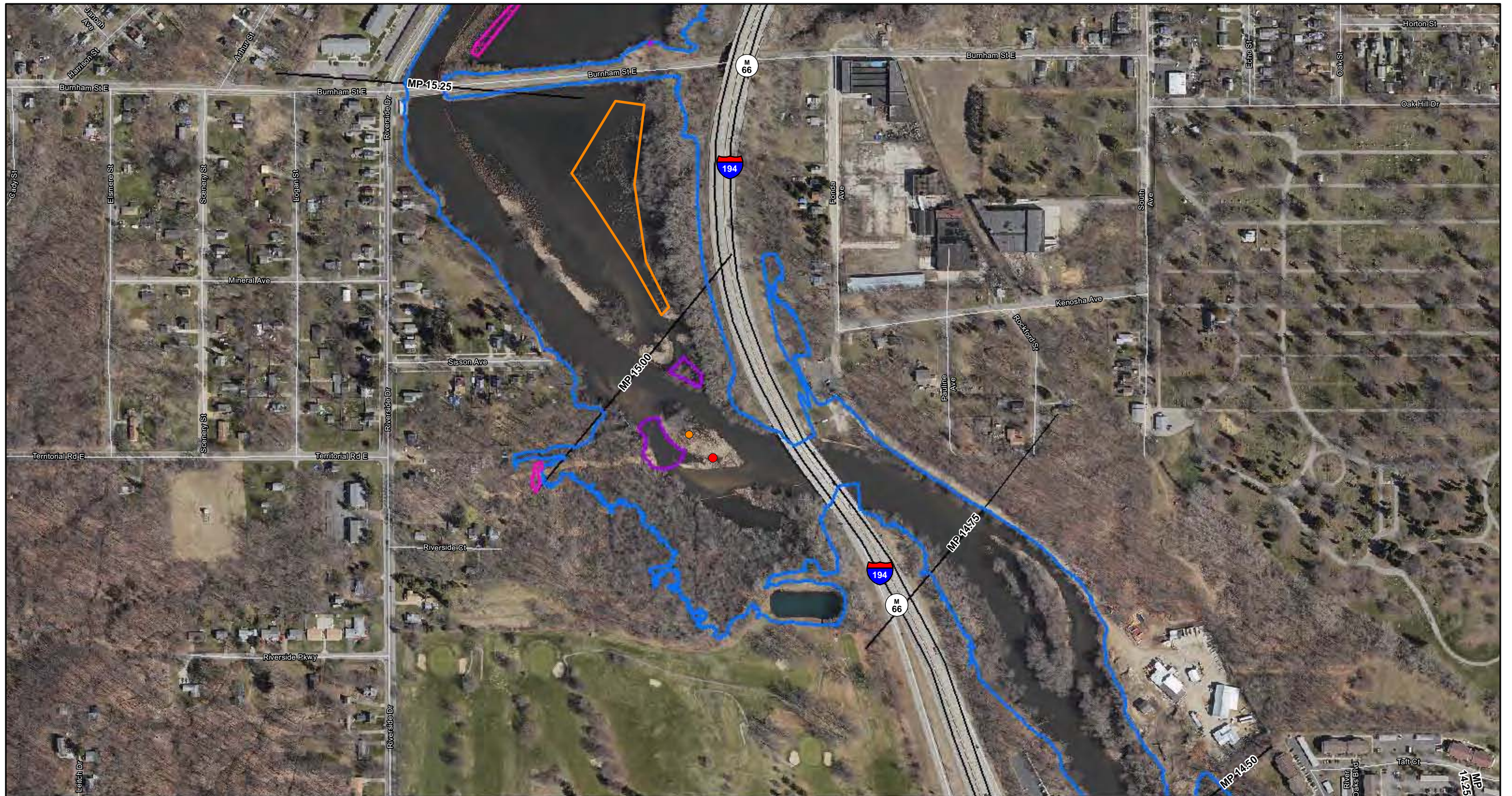
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Scale in Feet

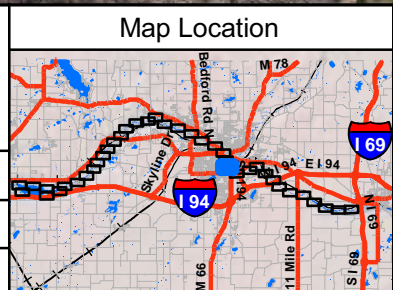
FIGURE 1
 PROPOSED SURVEY AREAS
 SPRING 2012 REASSESSMENT
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Legend

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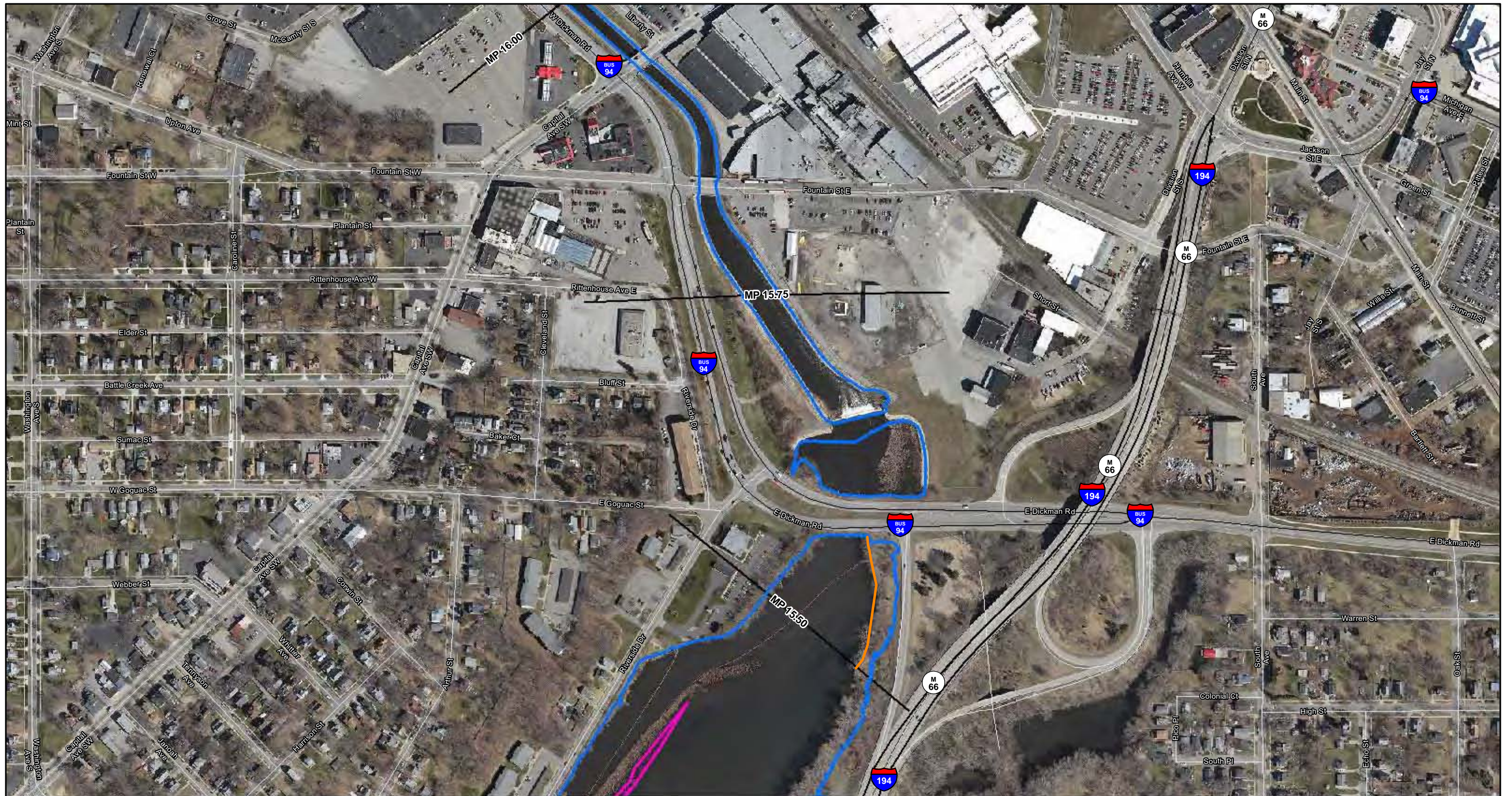
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Scale in Feet

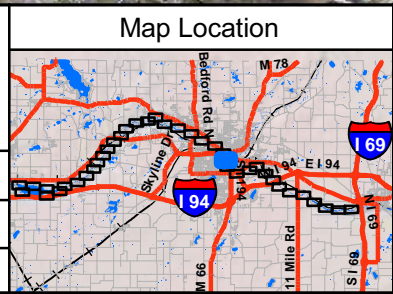
FIGURE 1
 PROPOSED SURVEY AREAS
 SPRING 2012 REASSESSMENT
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 MARSHALL, MI PIPELINE RELEASE
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Legend

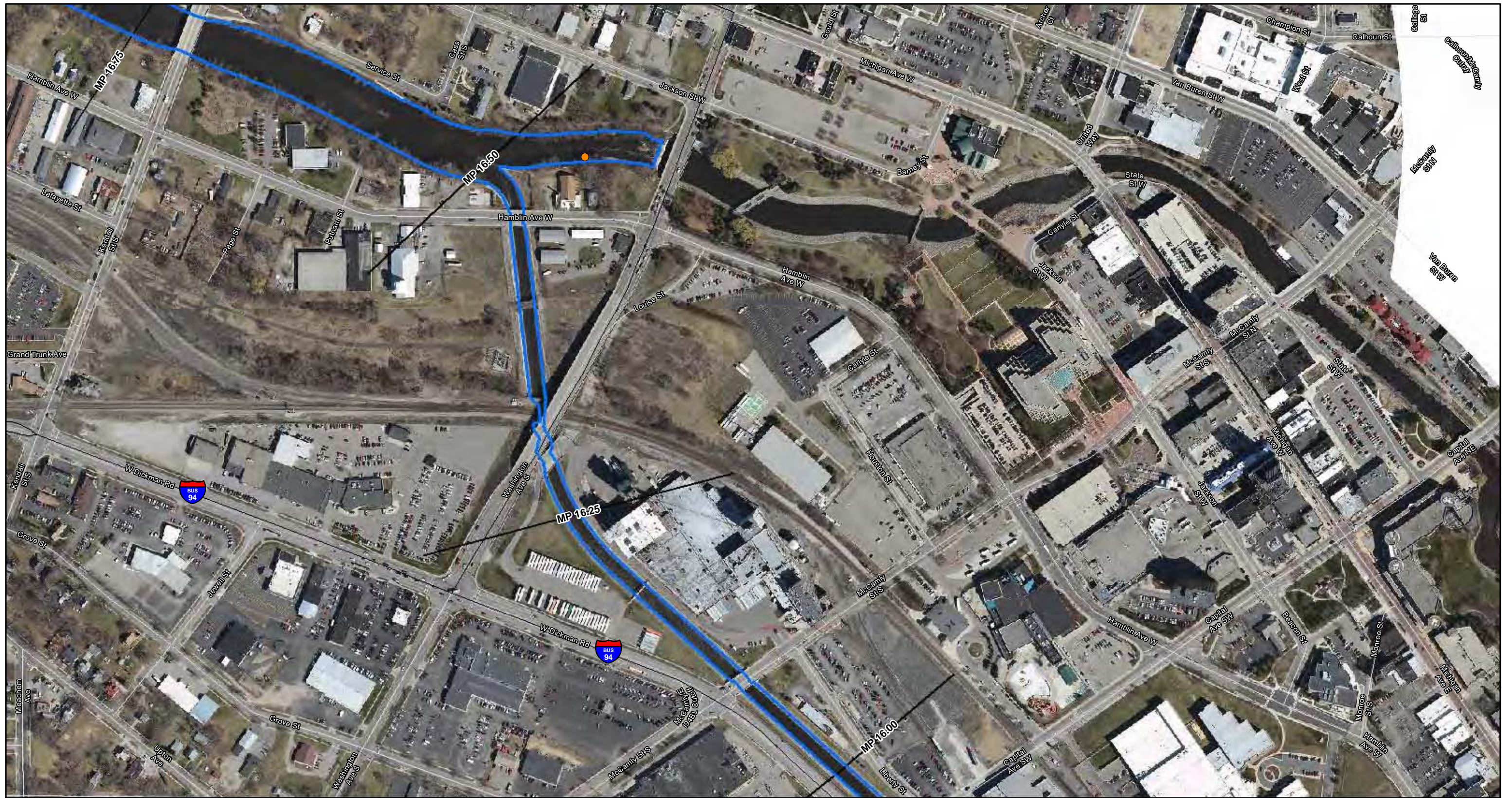
Spring 2011 Reassessment Data

- Pooled Oil Observation
- Film (Sheen) Observations
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- 2011 Inundation Model
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0 125 250 500
 Scale in Feet

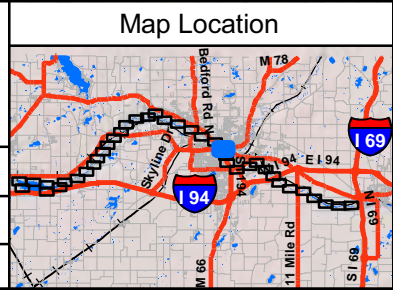
FIGURE 1
 PROPOSED SURVEY AREAS
 SPRING 2012 REASSESSMENT
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Legend

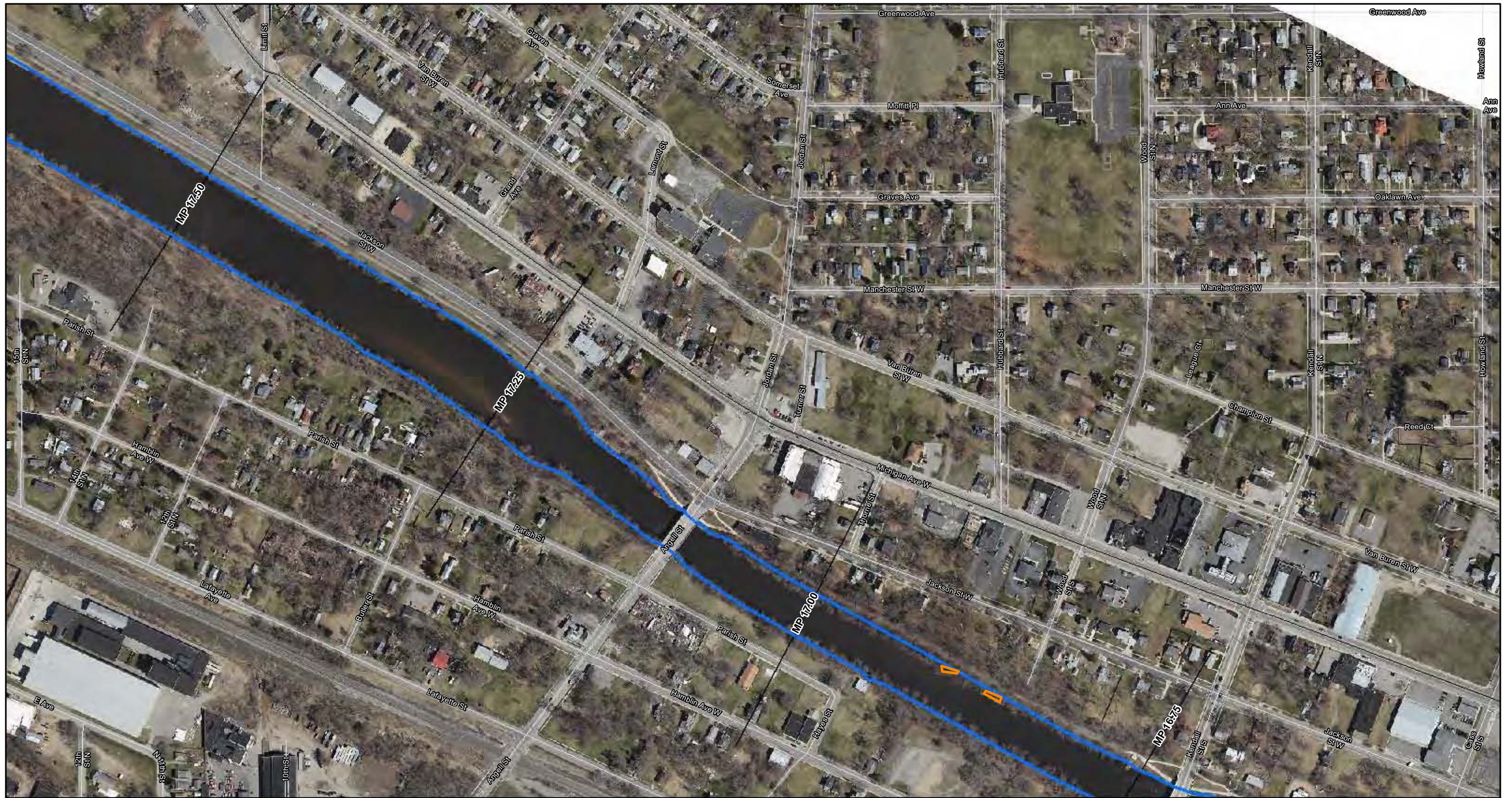
Spring 2011 Reassessment Data

- Pooled Oil Observation
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 0 125 250 500
 Scale in Feet

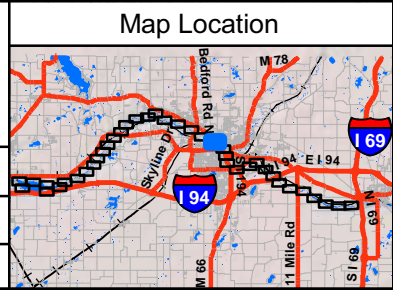
FIGURE 1
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Legend

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- 2011 Inundation Model
- Quarter Mile Grid Segments

N

0 125 250 500

Scale in Feet

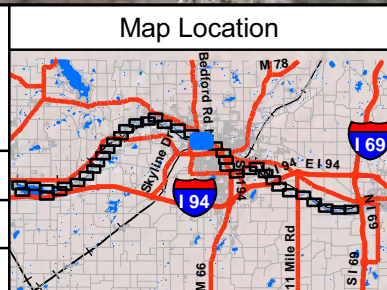
FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
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Legend

- Spring 2011 Reassessment Data
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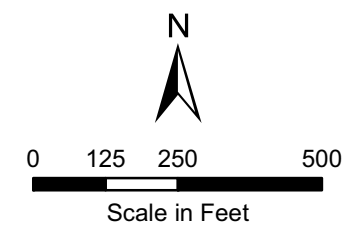
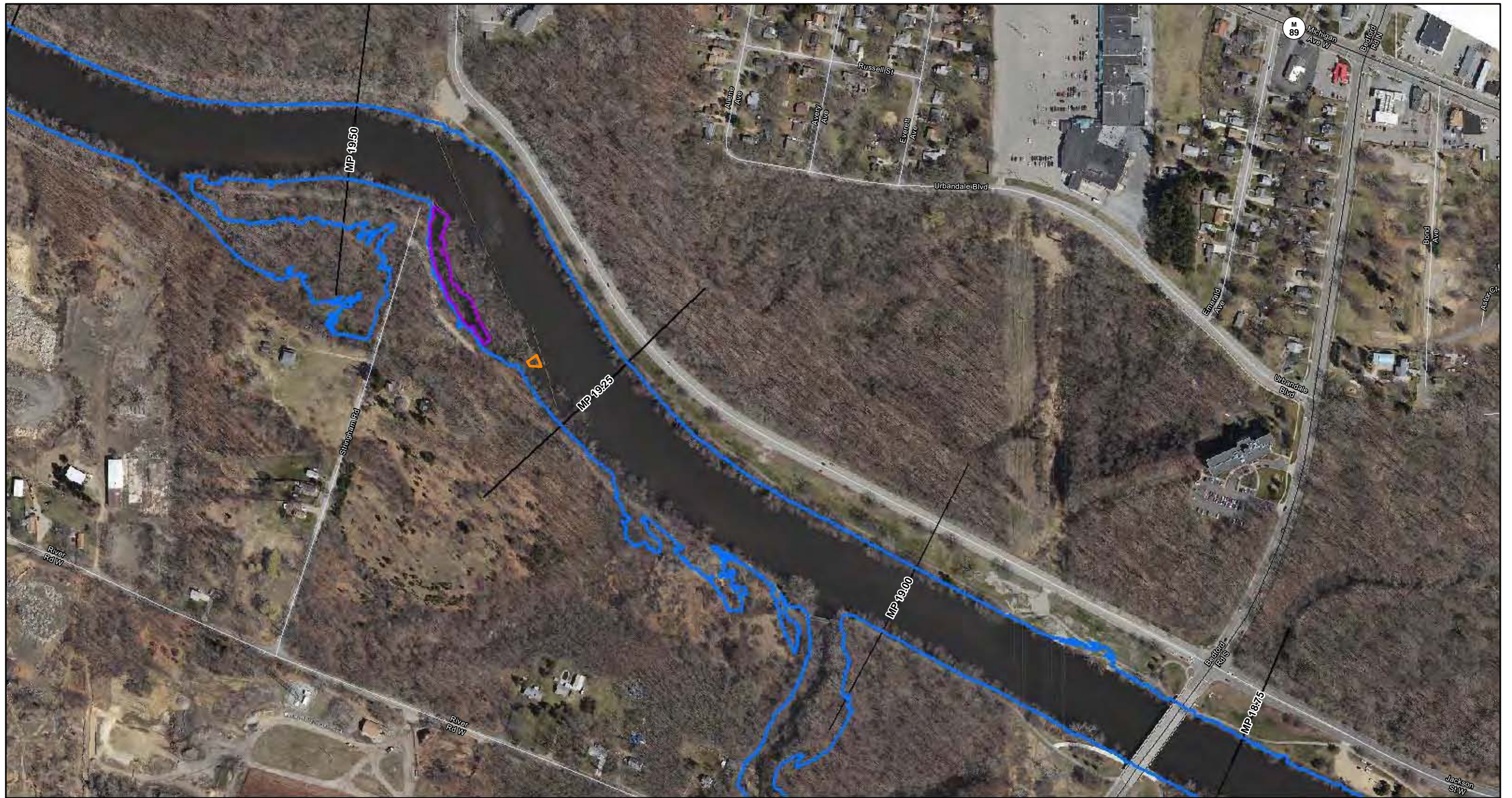


FIGURE 1
 PROPOSED SURVEY AREAS
 SPRING 2012 REASSESSMENT
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ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
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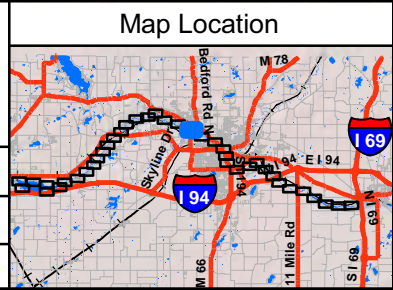


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Legend

Spring 2011 Reassessment Data

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- Excavated Areas
- 2011 Inundation Model
- Quarter Mile Grid Segments

N

0 125 250 500

Scale in Feet

FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
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ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
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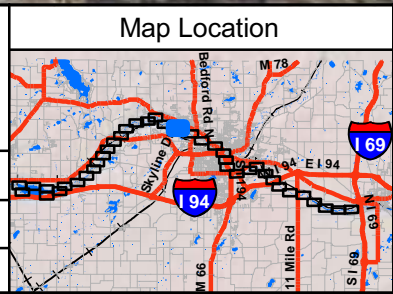


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Legend

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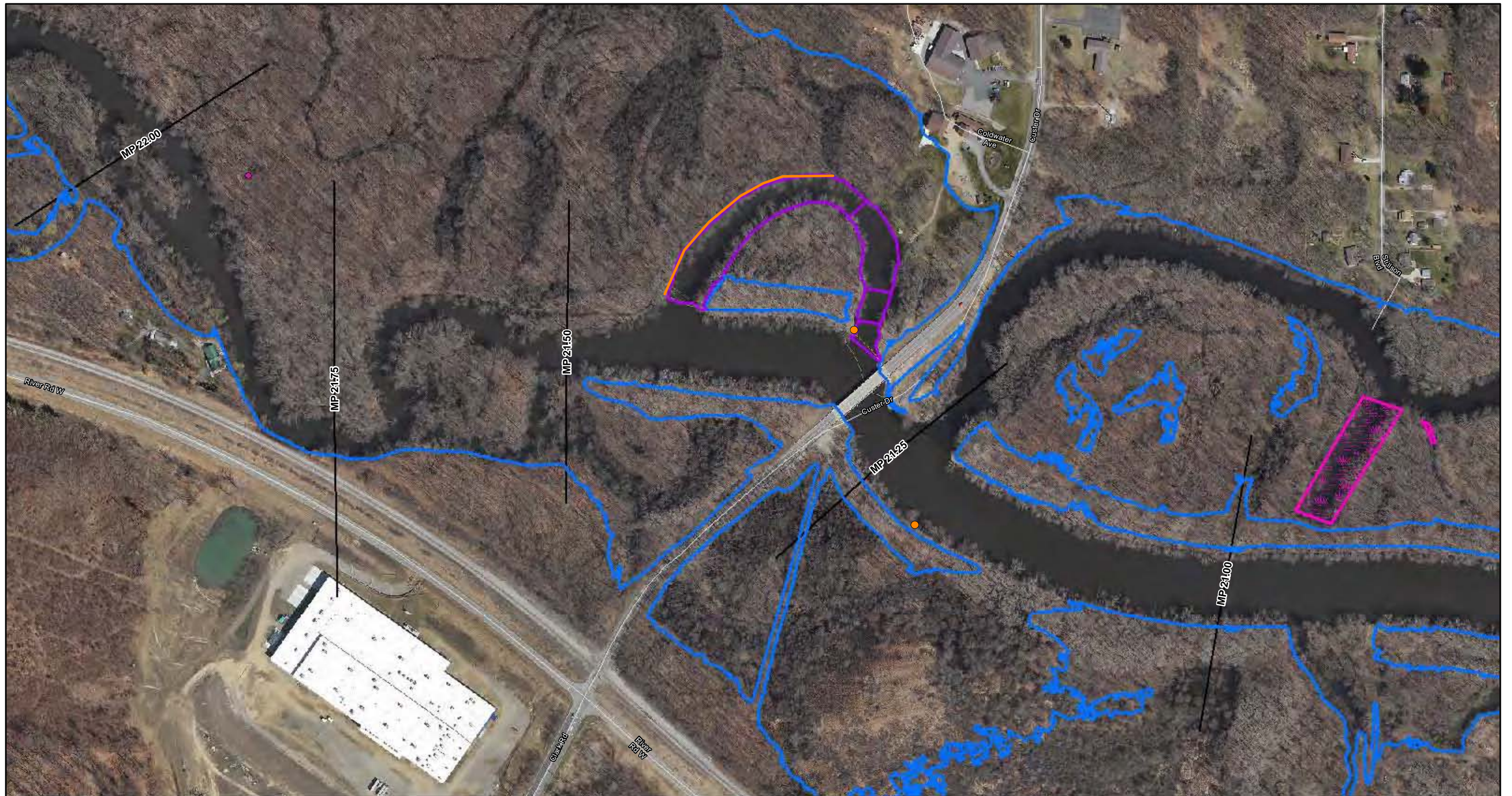
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Scale in Feet

FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
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ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
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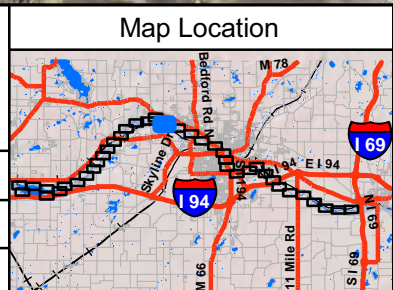


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Legend

Spring 2011 Reassessment Data

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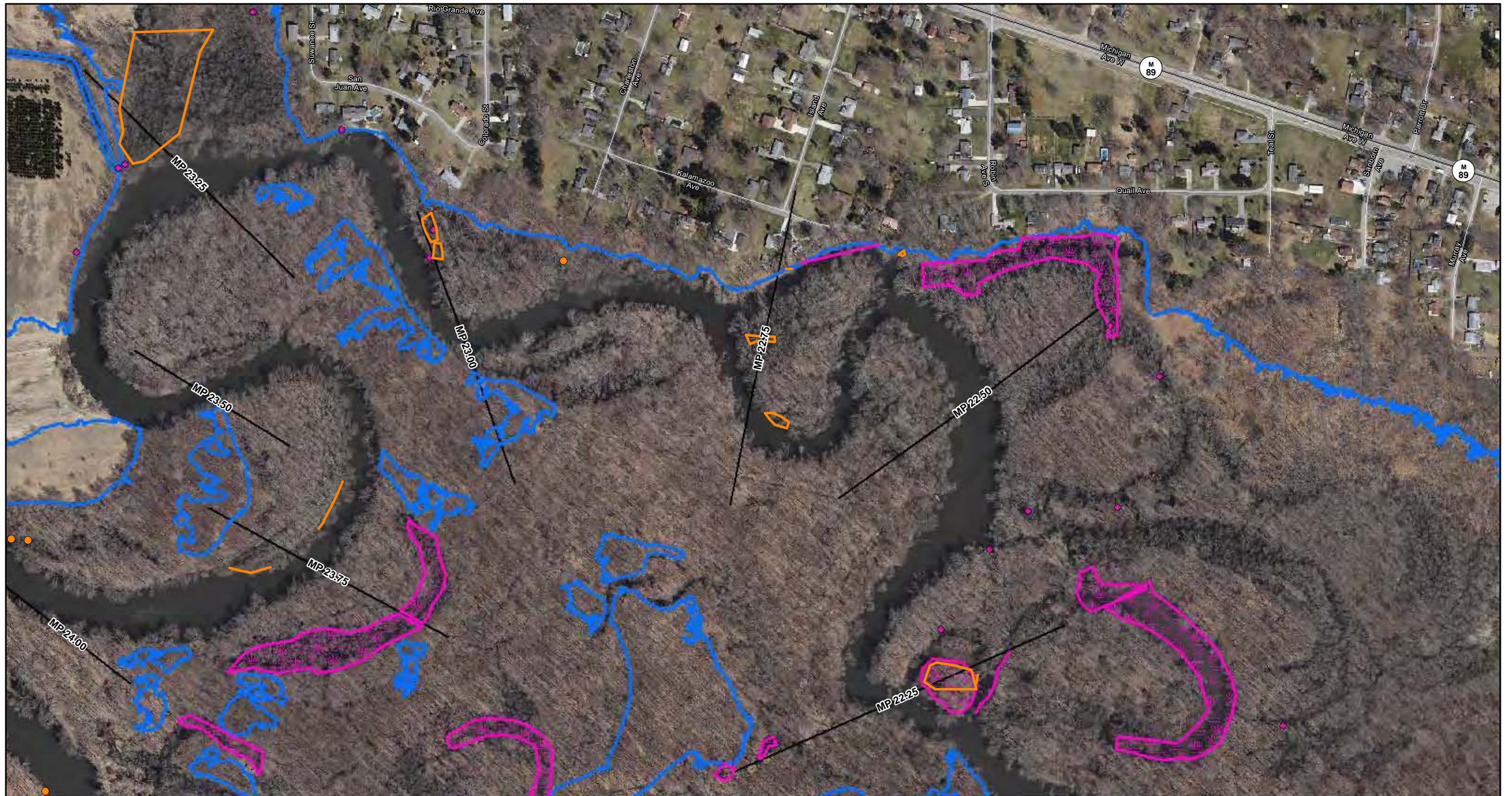
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Scale in Feet

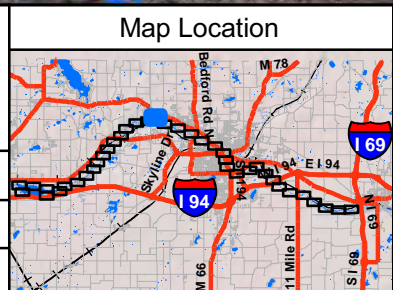
FIGURE 1
PROPOSED SURVEY AREAS
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Legend

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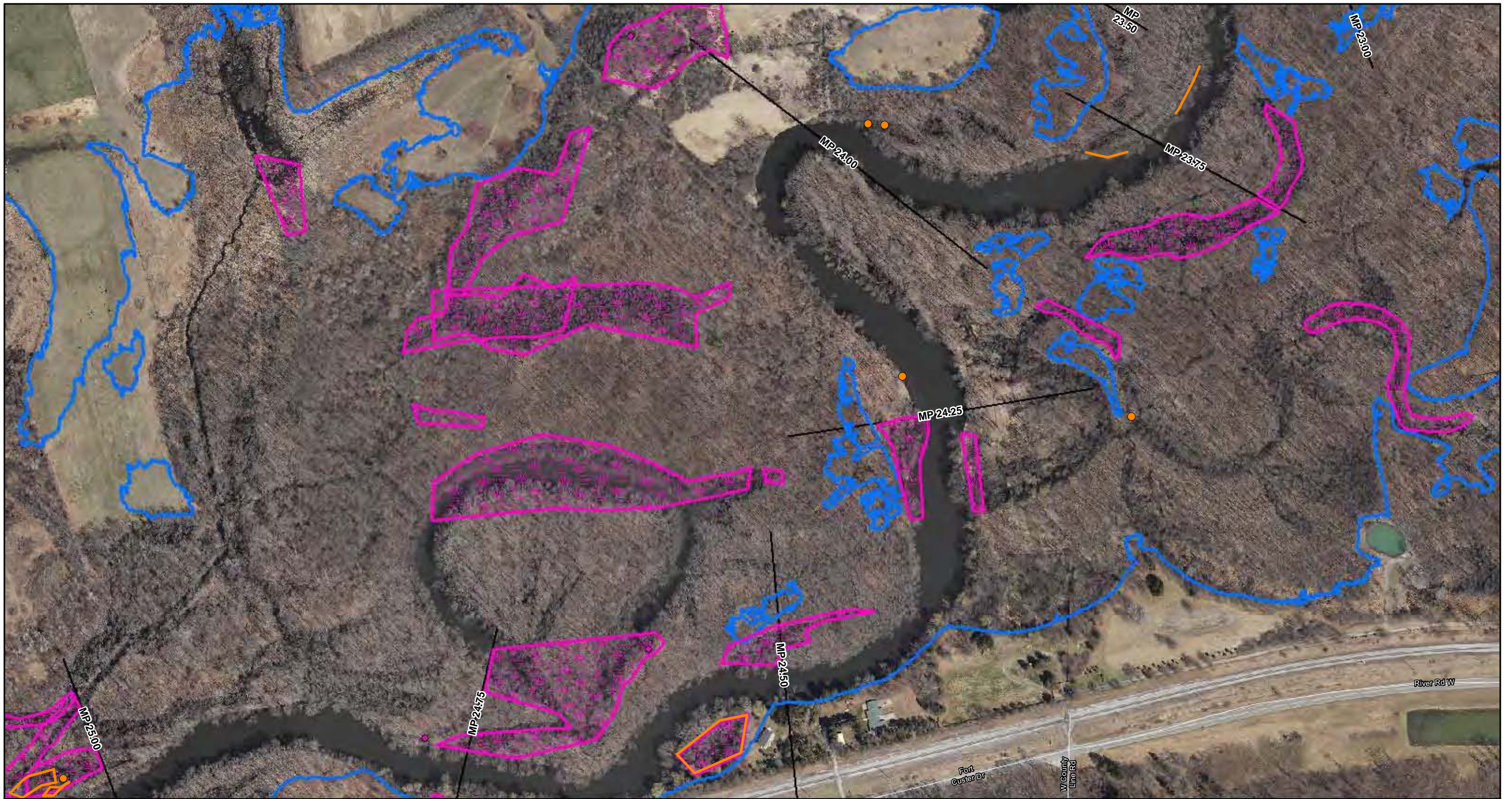
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Scale in Feet

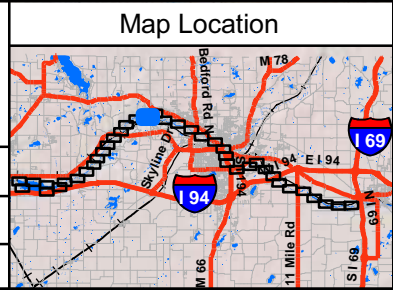
FIGURE 1
PROPOSED SURVEY AREAS
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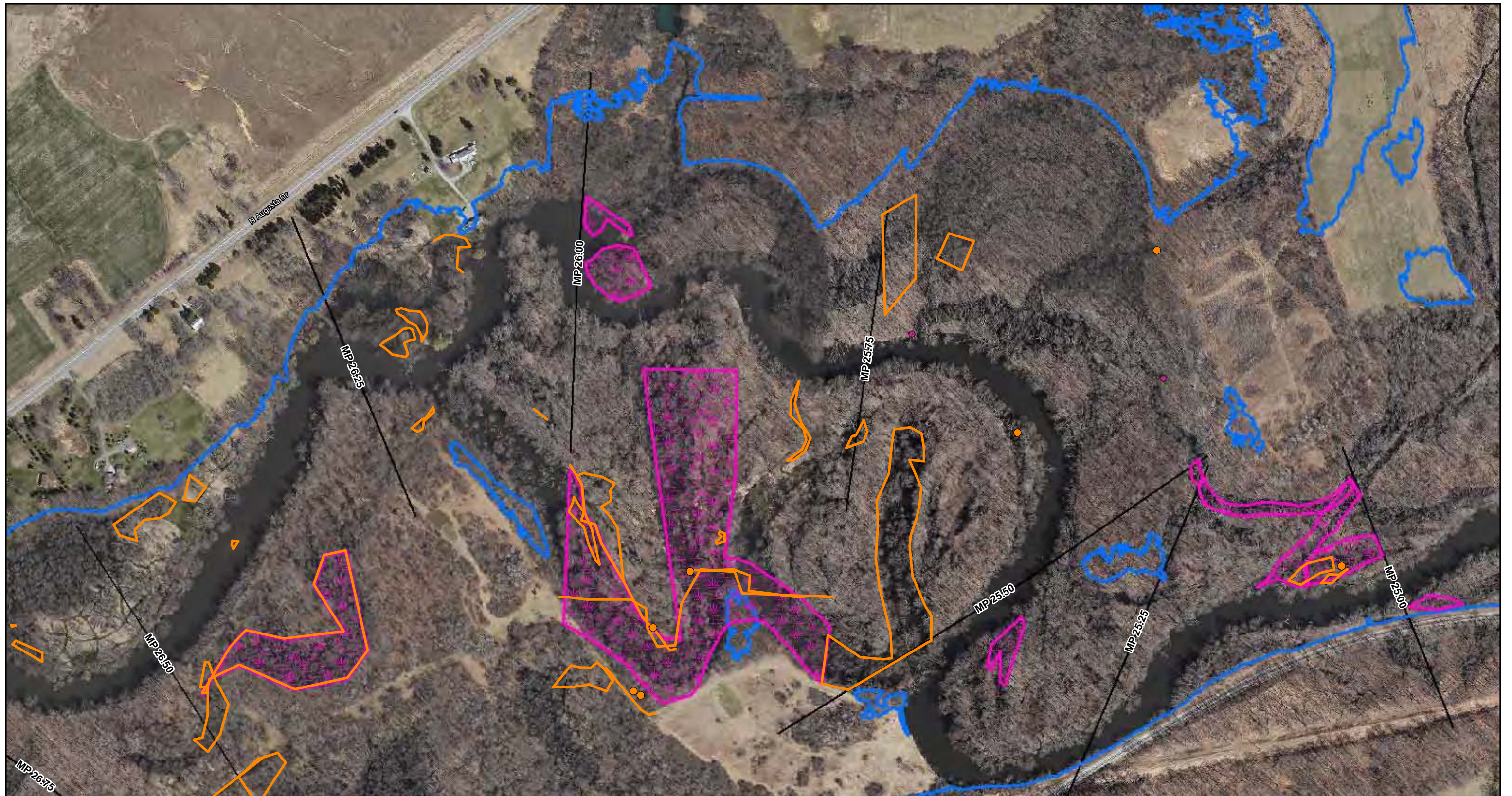
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Scale in Feet

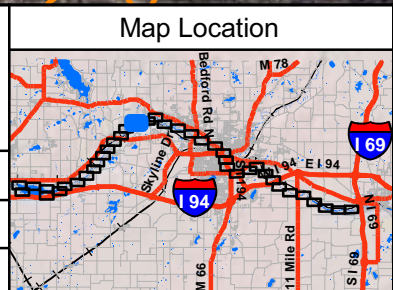
FIGURE 1
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Legend

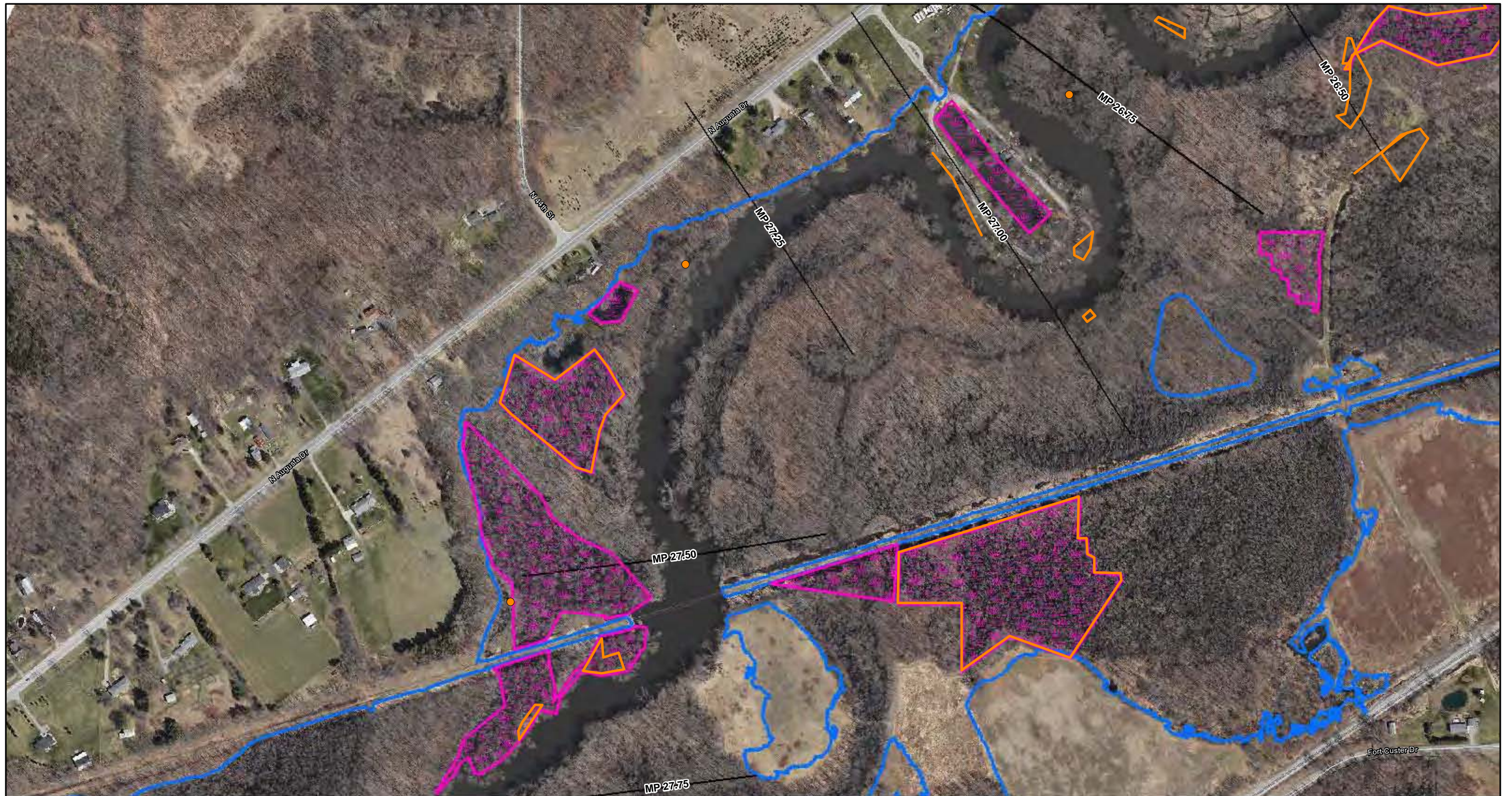
Spring 2011 Reassessment Data

- Pooled Oil Observation
- Film (Sheen) Observations
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- Quarter Mile Grid Segments

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 0 125 250 500
 Scale in Feet

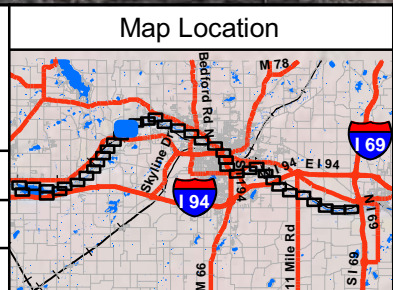
FIGURE 1
 PROPOSED SURVEY AREAS
 SPRING 2012 REASSESSMENT
 Sheet 23 of 39

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



ENBRIDGE

Drawn: NS 12/02/2011
 Approved: DB 12/02/2011
 Project #: 60162778



Legend

Spring 2011 Reassessment Data

- Pooled Oil Observation
- Film (Sheen) Observations
- Inundated Areas - Reassess
- Excavated Areas
- 2011 Inundation Model
- Quarter Mile Grid Segments

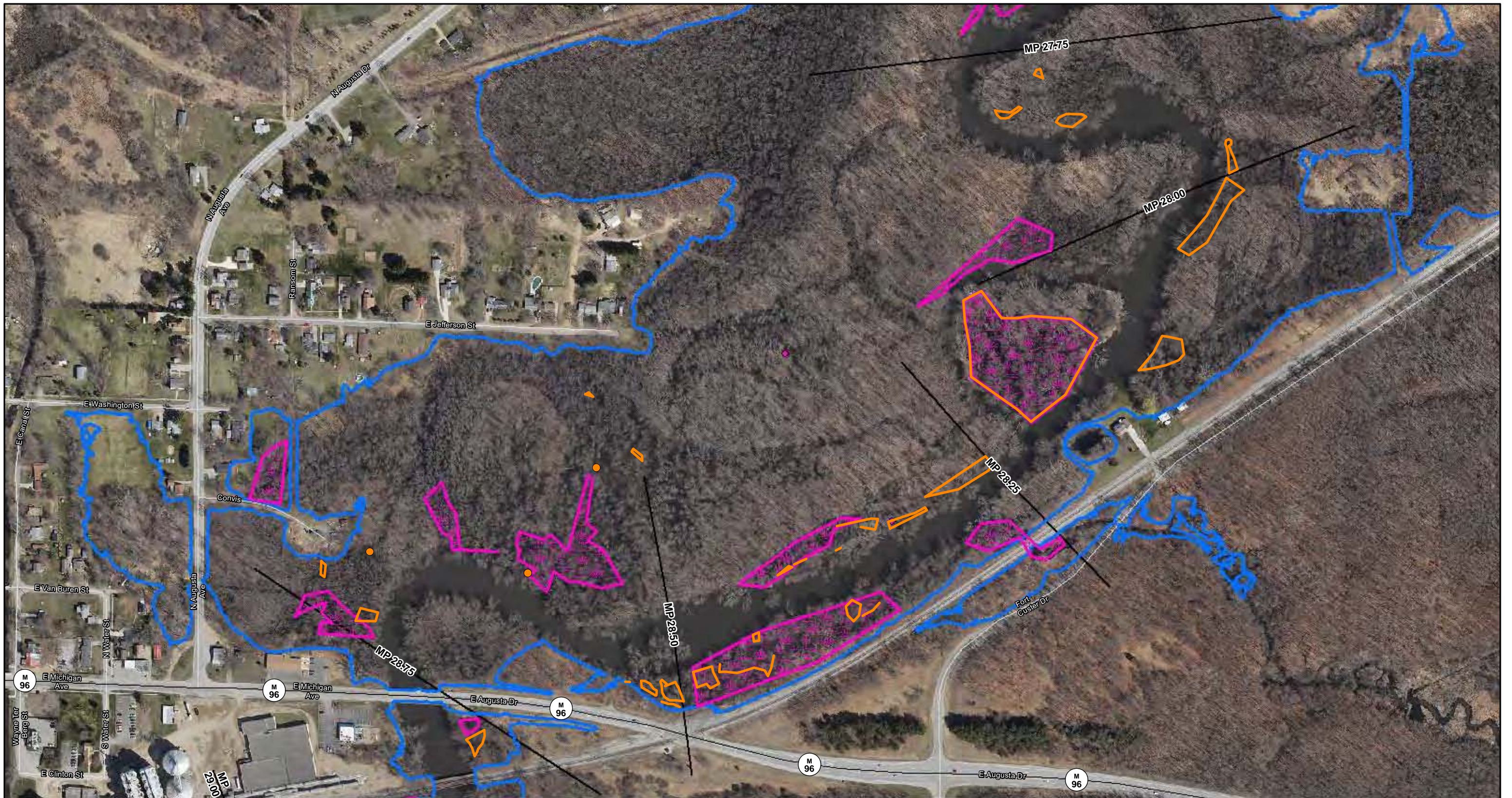
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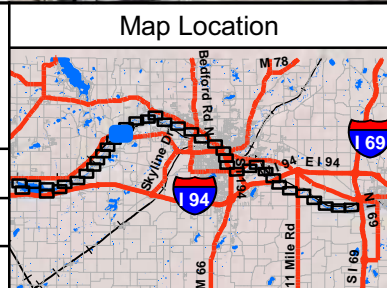
FIGURE 1
 PROPOSED SURVEY AREAS
 SPRING 2012 REASSESSMENT
 Sheet 24 of 39

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



ENBRIDGE

Drawn: NS 12/02/2011
 Approved: DB 12/02/2011
 Project #: 60162778



Legend

- Spring 2011 Reassessment Data
- Pooled Oil Observation
 - Film (Sheen) Observations
 - Innundated Areas - Reassess
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 - 2011 Inundation Model
 - Quarter Mile Grid Segments

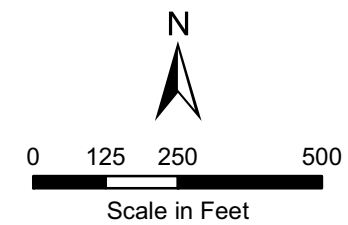
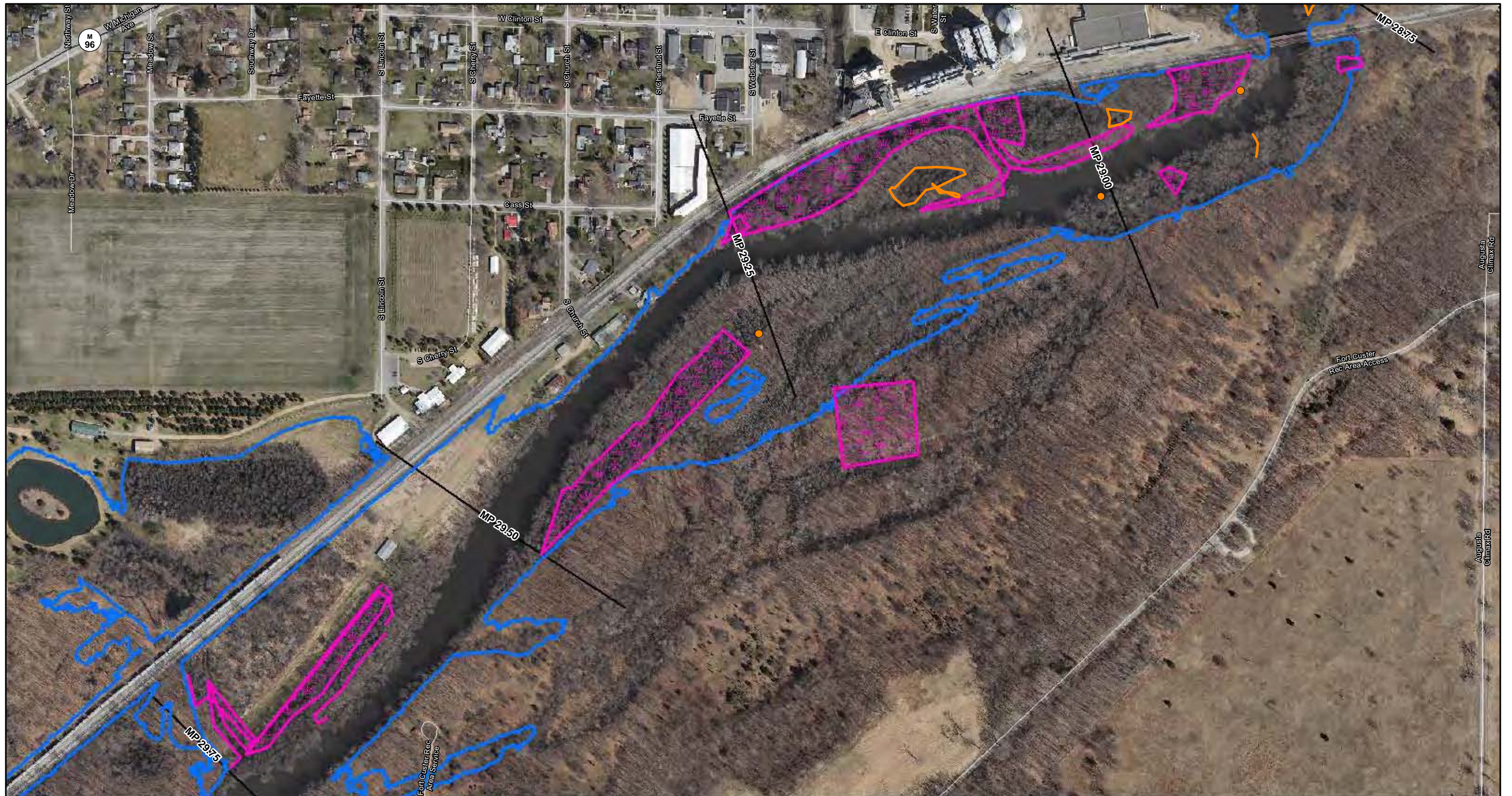


FIGURE 1
 PROPOSED SURVEY AREAS
 SPRING 2012 REASSESSMENT
 Sheet 25 of 39

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

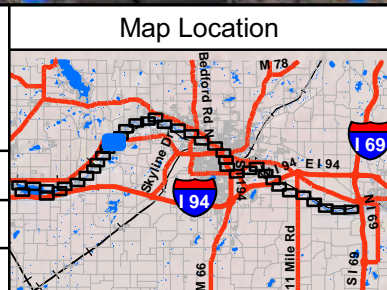


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Drawn: NS 12/02/2011

Approved: DB 12/02/2011

Project #: 60162778



Legend

- Spring 2011 Reassessment Data
- Pooled Oil Observation
 - Film (Sheen) Observations
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 - Excavated Areas
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 - Quarter Mile Grid Segments

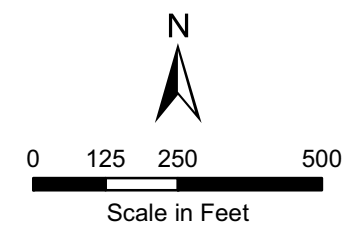
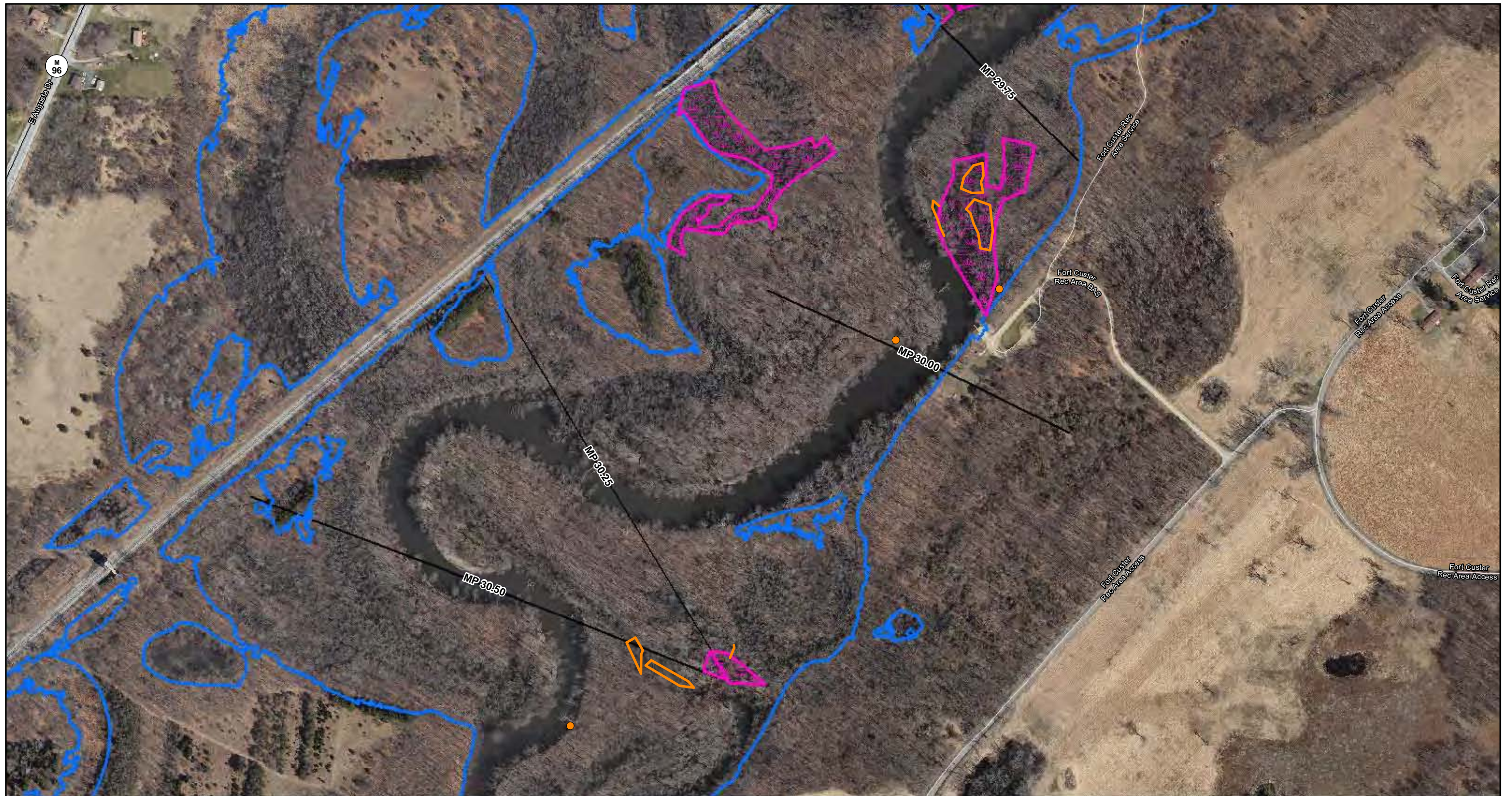


FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
 Sheet 26 of 39

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

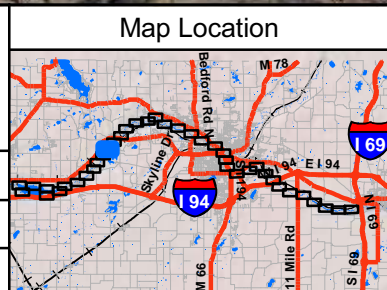


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Drawn: NS 12/02/2011

Approved: DB 12/02/2011

Project #: 60162778



Legend

Spring 2011 Reassessment Data

- Pooled Oil Observation
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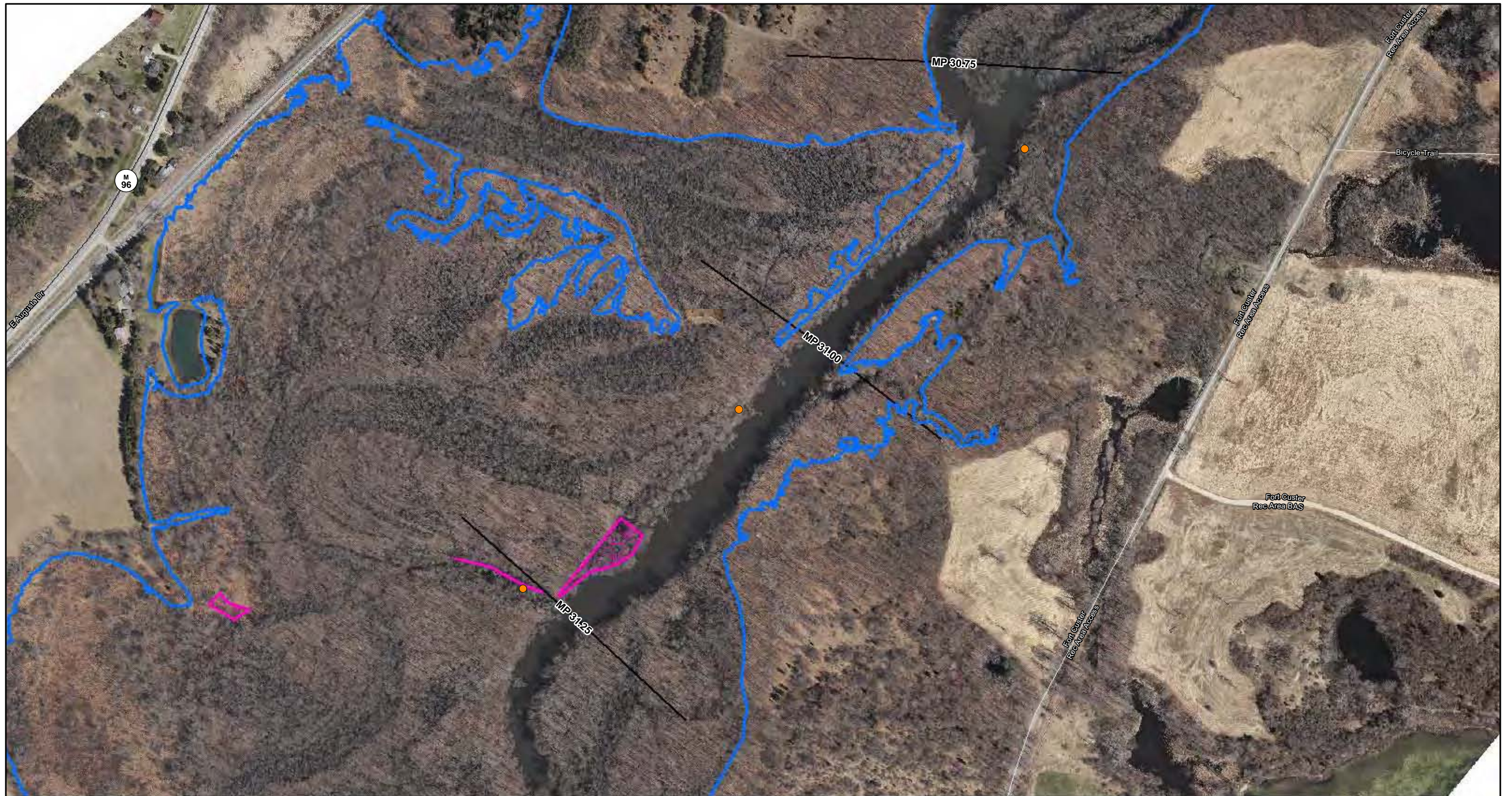
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Scale in Feet

FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
 Sheet 27 of 39

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

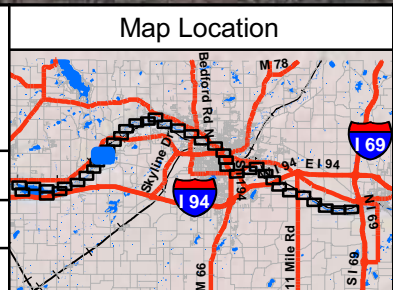


ENBRIDGE

Drawn: NS 12/02/2011

Approved: DB 12/02/2011

Project #: 60162778



Legend

Spring 2011 Reassessment Data

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- Film (Sheen) Observations
- Excavated Areas
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- 2011 Inundation Model
- Quarter Mile Grid Segments

N

0 125 250 500

Scale in Feet

FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
 Sheet 28 of 39

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

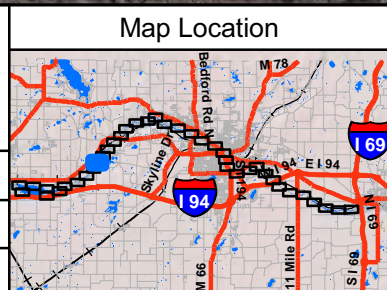


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Legend

Spring 2011 Reassessment Data

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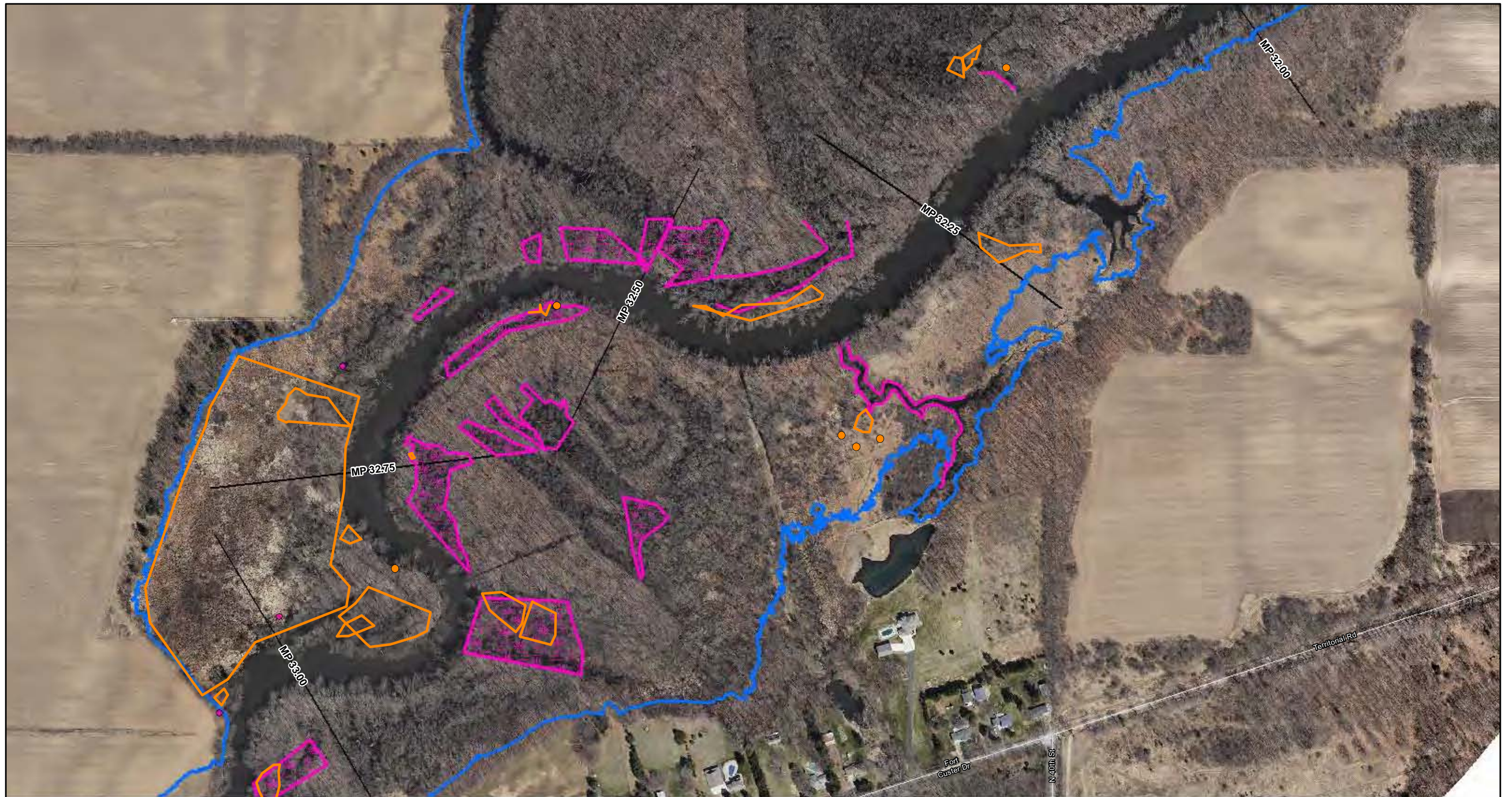
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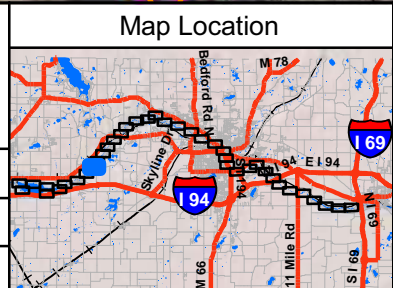
FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
 Sheet 29 of 39

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

Spring 2011 Reassessment Data

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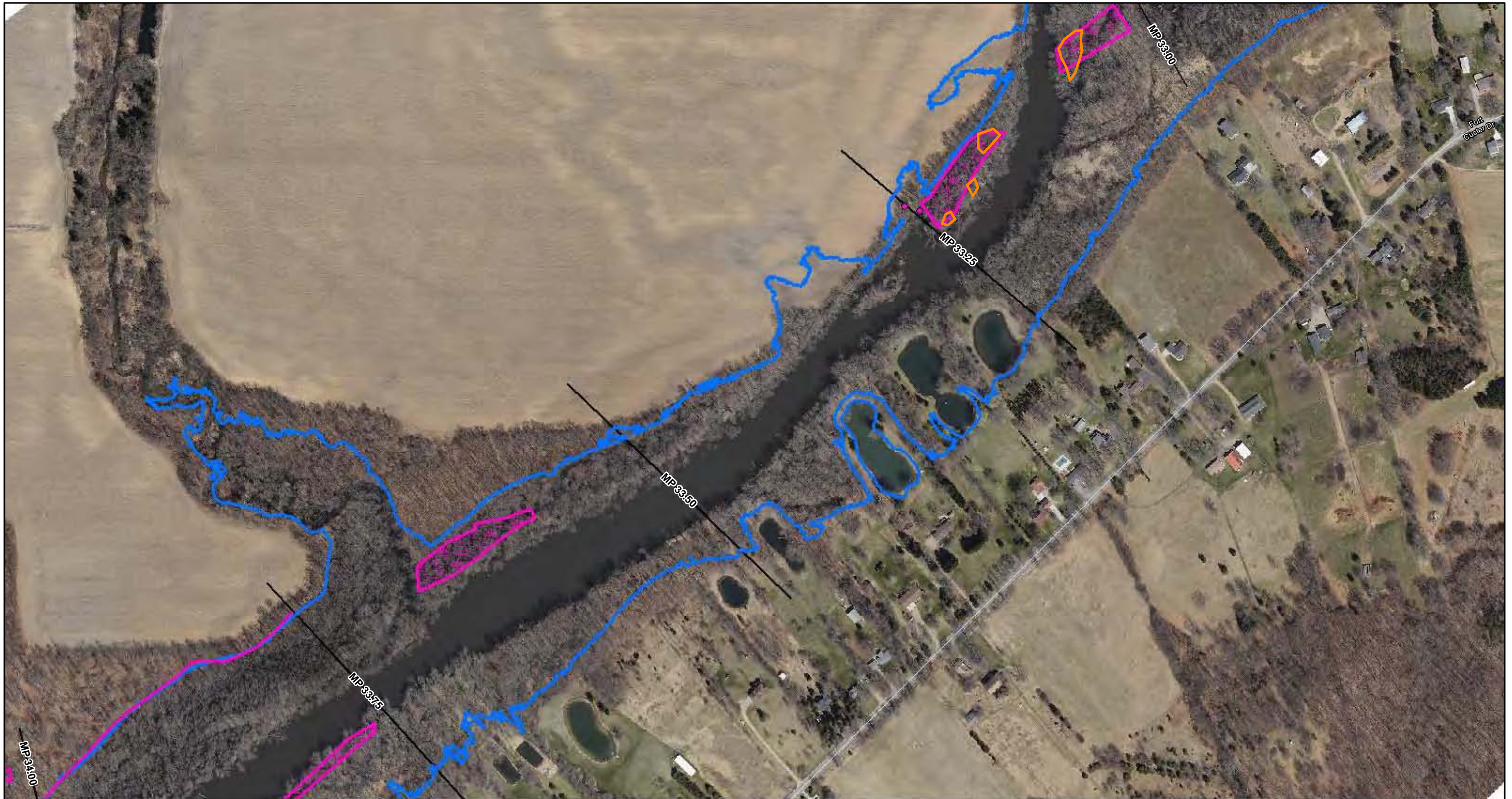
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Scale in Feet

FIGURE 1
 PROPOSED SURVEY AREAS
 SPRING 2012 REASSESSMENT
 Sheet 30 of 39

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

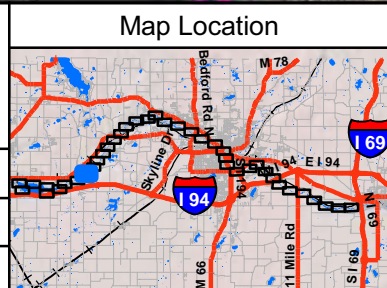


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Legend

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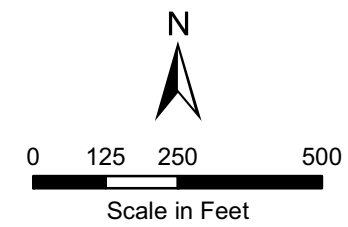
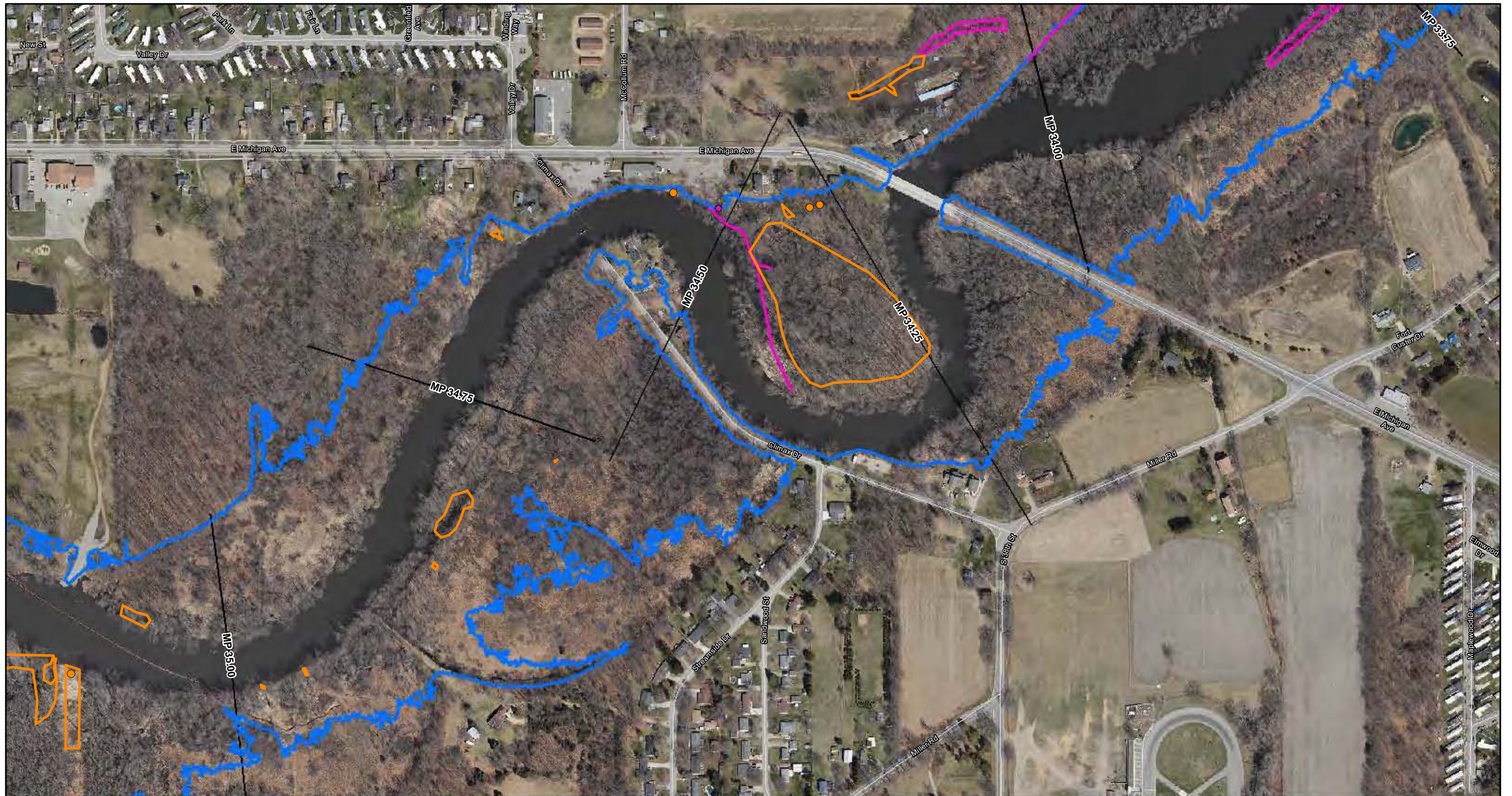


FIGURE 1
 PROPOSED SURVEY AREAS
 SPRING 2012 REASSESSMENT
 Sheet 31 of 39

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

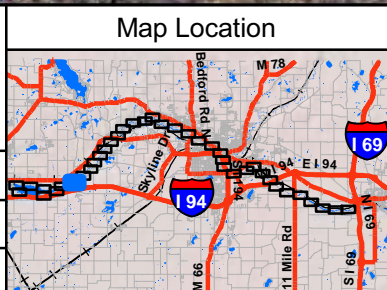


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Drawn: NS 12/02/2011

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Legend

- Spring 2011 Reassessment Data
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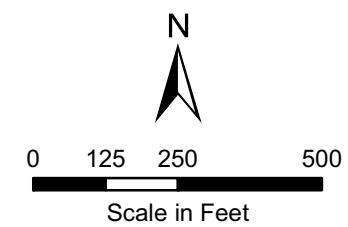
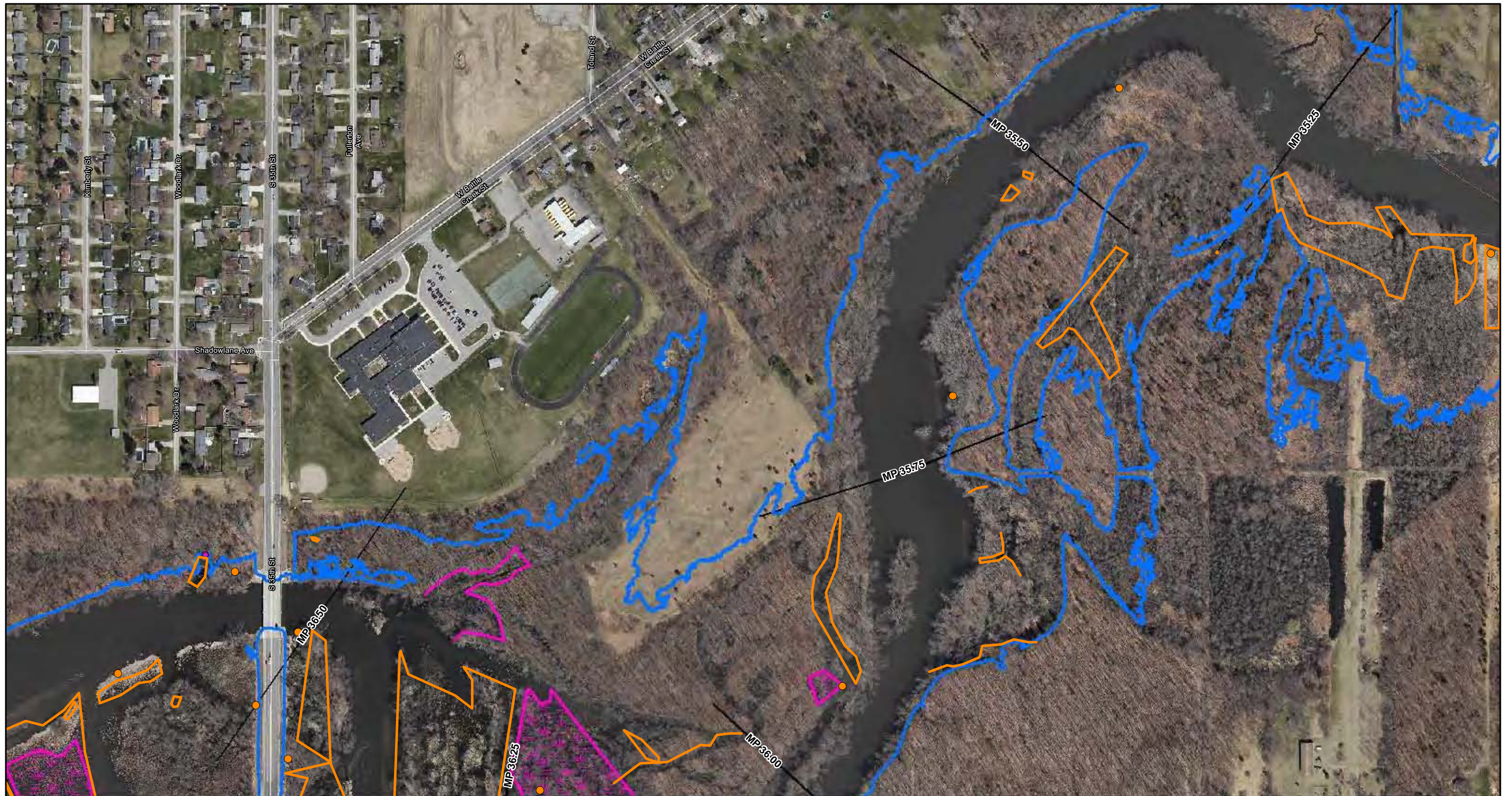


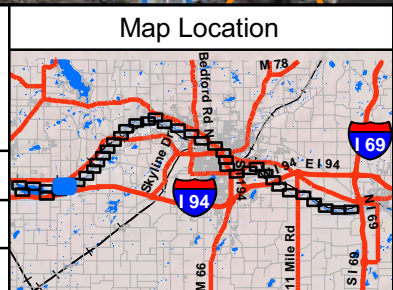
FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
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ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Drawn: NS 12/02/2011
 Approved: DB 12/02/2011
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Legend

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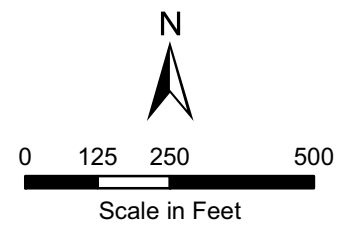
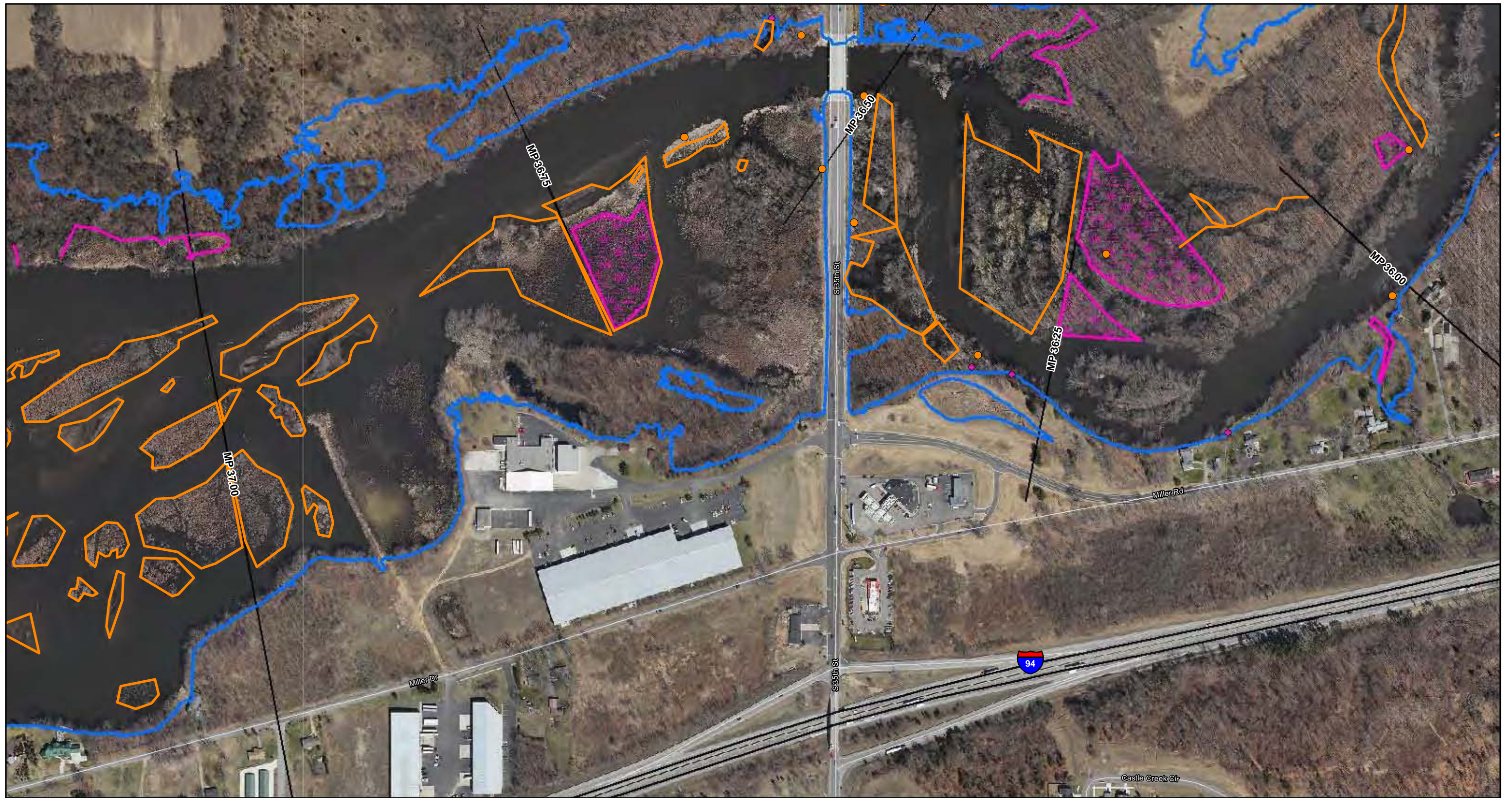


FIGURE 1
 PROPOSED SURVEY AREAS
 SPRING 2012 REASSESSMENT
 Sheet 33 of 39

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

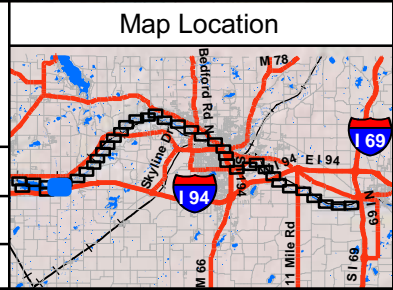


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Drawn: NS 12/02/2011

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Project #: 60162778



Legend

Spring 2011 Reassessment Data

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- 2011 Inundation Model
- Quarter Mile Grid Segments

N
 0 125 250 500
 Scale in Feet

FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
 Sheet 34 of 39

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

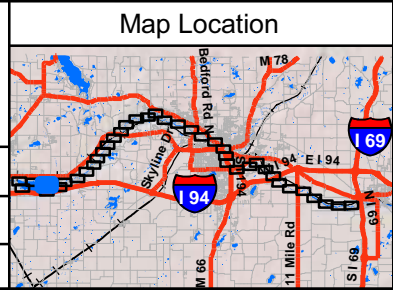


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Drawn: NS 12/02/2011

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Legend

Spring 2011 Reassessment Data

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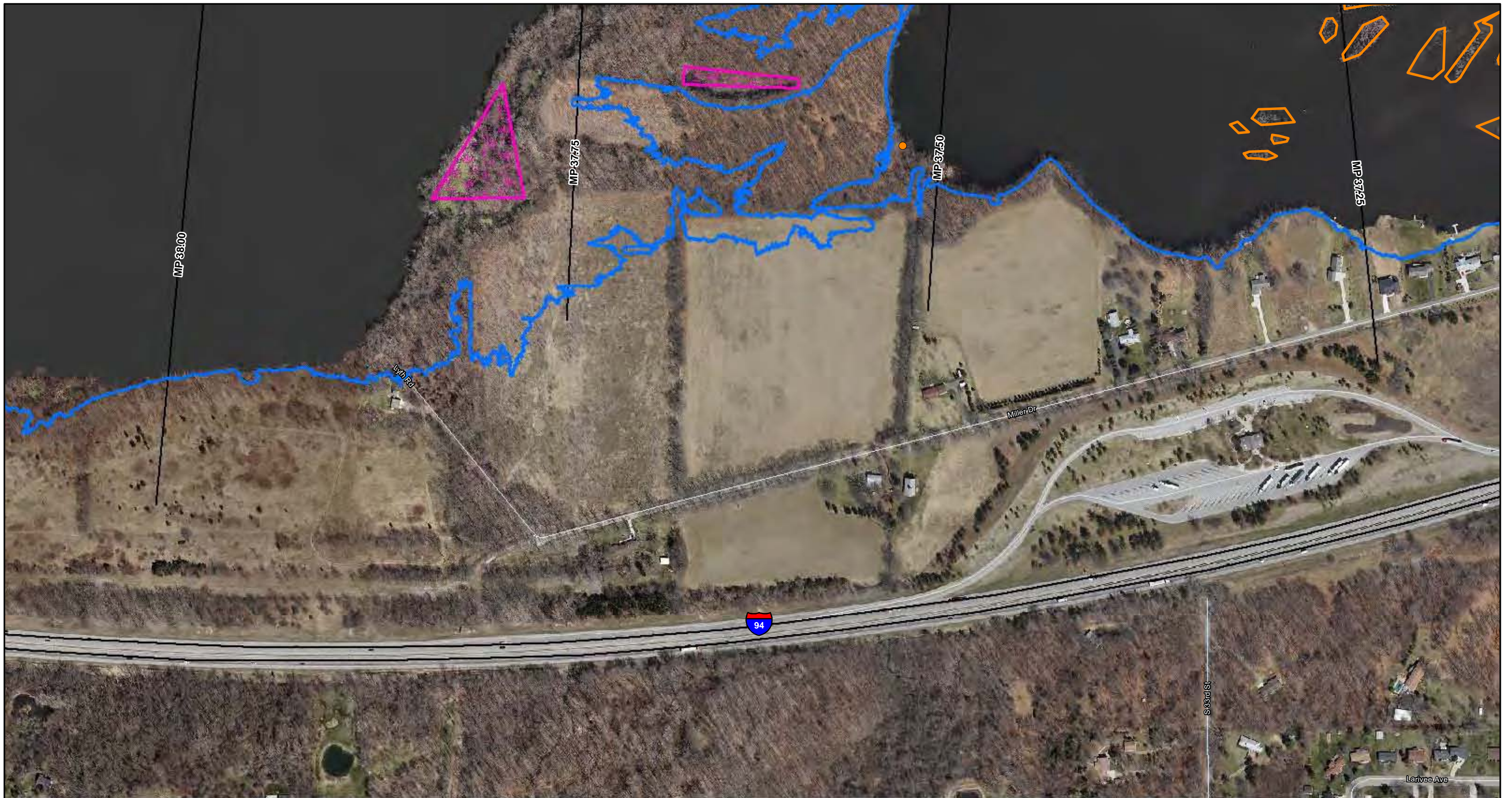
N

0 125 250 500

Scale in Feet

FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
 Sheet 35 of 39

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

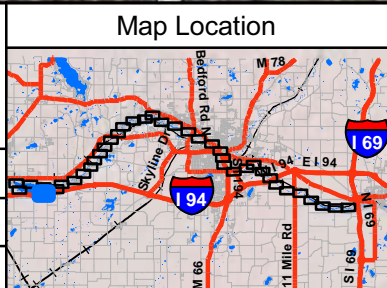


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Drawn: NS 12/02/2011

Approved: DB 12/02/2011

Project #: 60162778



Legend

- Spring 2011 Reassessment Data
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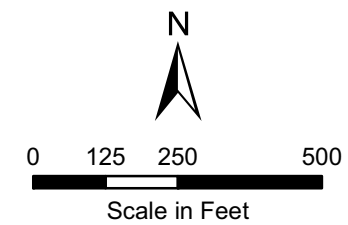
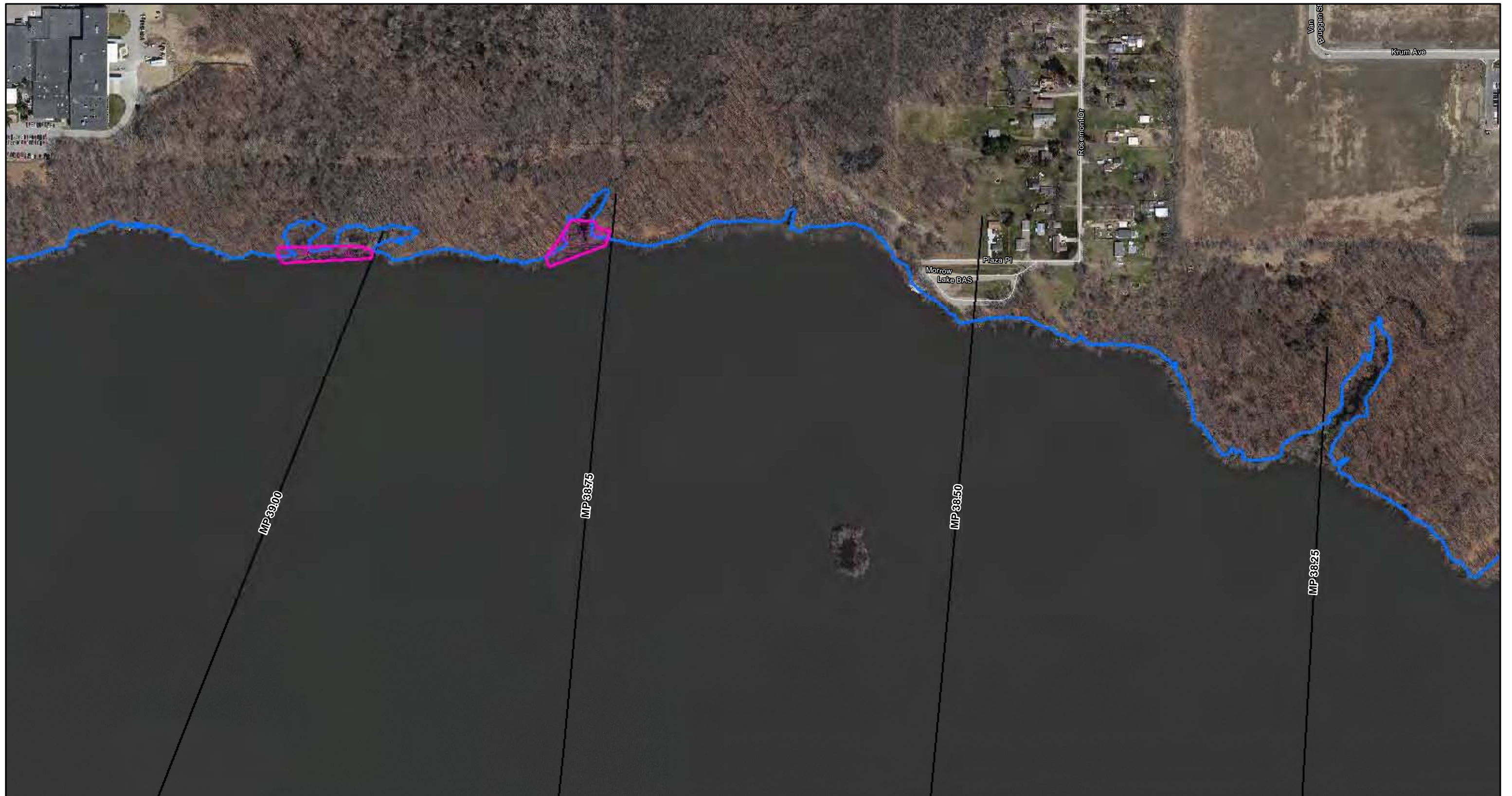


FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
 Sheet 36 of 39

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

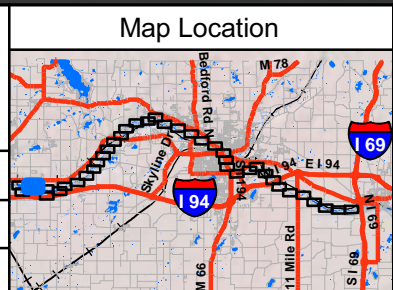


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Drawn: NS 12/02/2011

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Project #: 60162778



Legend

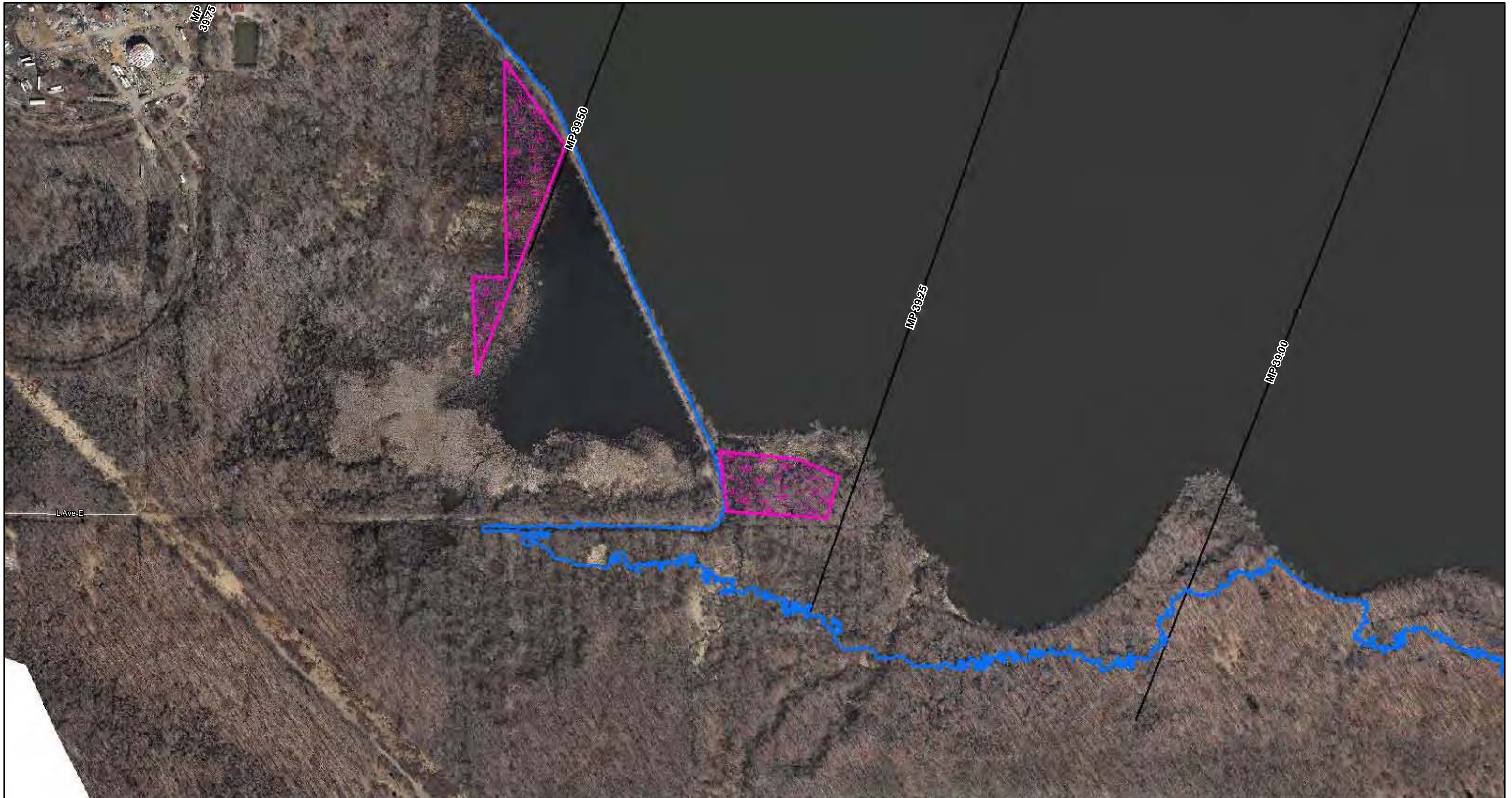
Spring 2011 Reassessment Data

- Pooled Oil Observation
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- Inundated Areas - Reassess
- Excavated Areas
- 2011 Inundation Model
- Quarter Mile Grid Segments

Scale in Feet

FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
 Sheet 37 of 39

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

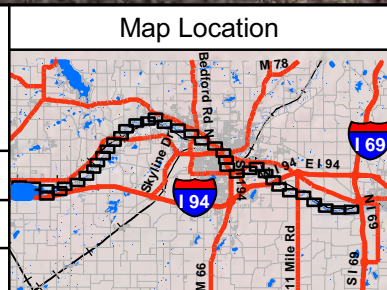


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Drawn: NS 12/02/2011

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Project #: 60162778



Legend

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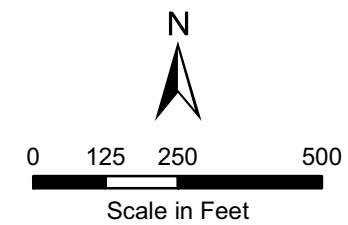
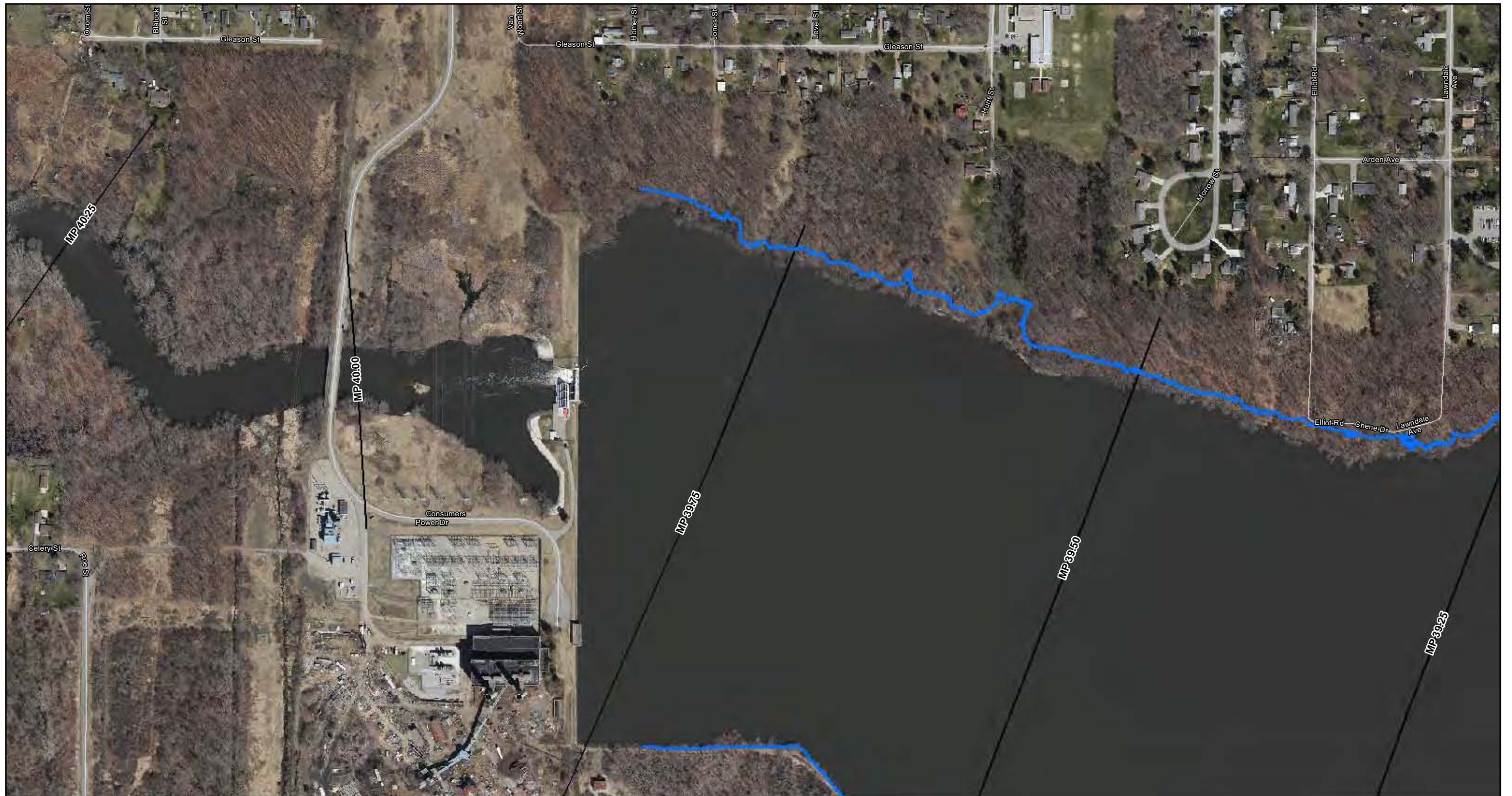


FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
 Sheet 38 of 39

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

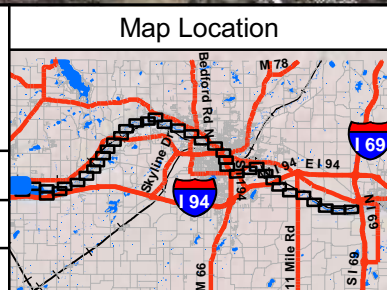


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Legend

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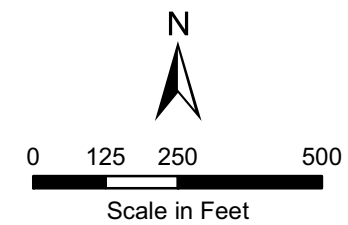


FIGURE 1
PROPOSED SURVEY AREAS
SPRING 2012 REASSESSMENT
 Sheet 39 of 39

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

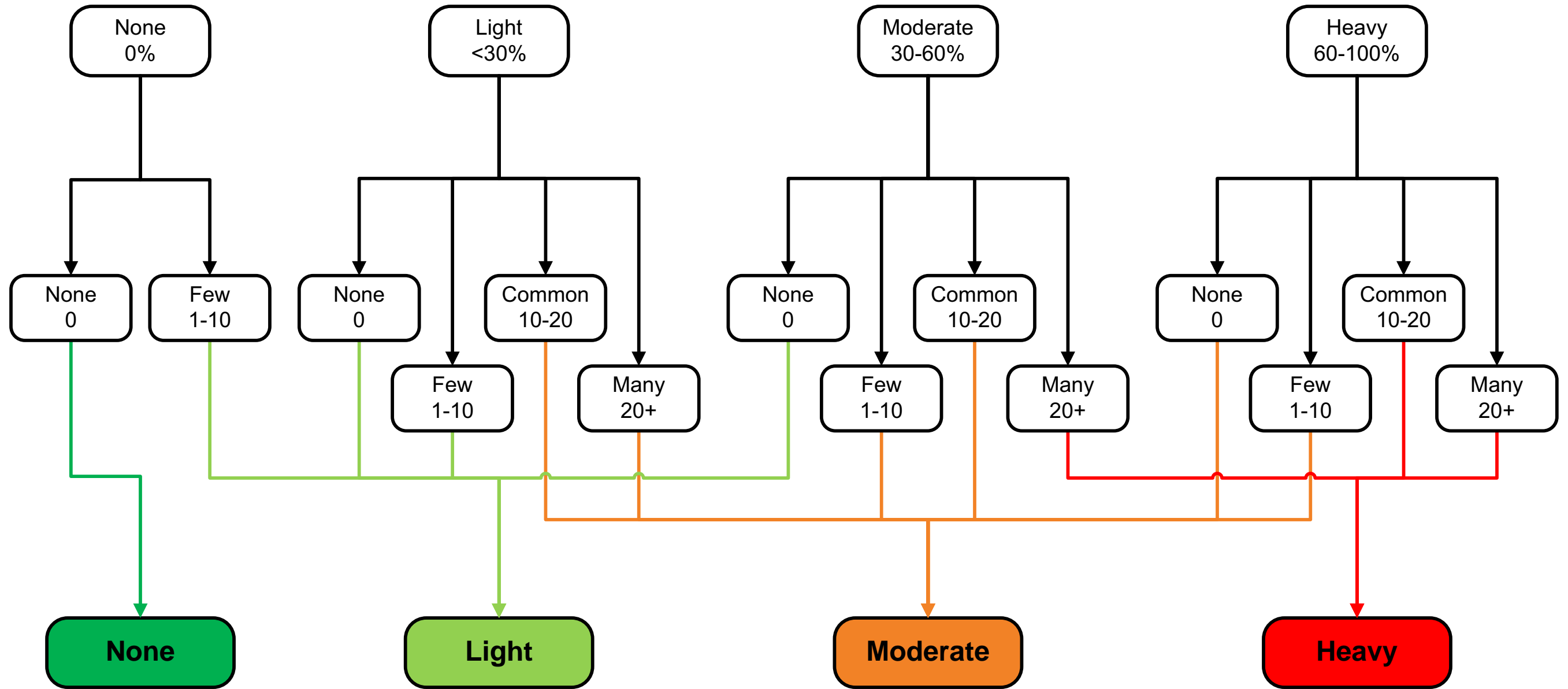
Attachment B
Submerged Oil: Spring 2012 Reassessment

Figure1: Submerged Oil Field Observation Flowchart

Percent Sheen Coverage¹

Number of Globules²

Submerged Oil Category



Notes:

1. Percent coverage per square yard

2. Number of globules per square yard

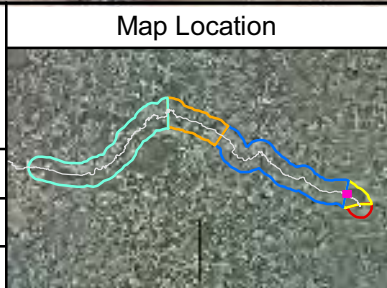


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 9 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

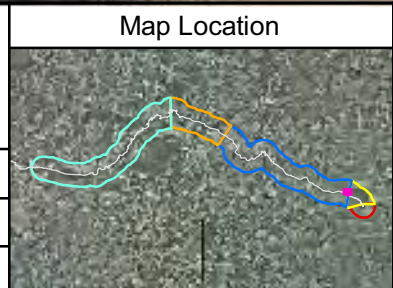


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 10 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

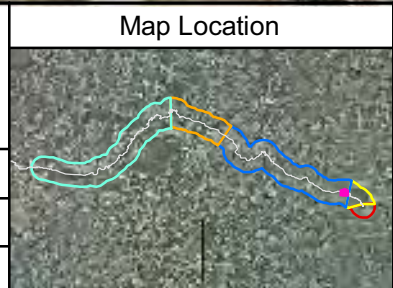


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
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0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 11 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

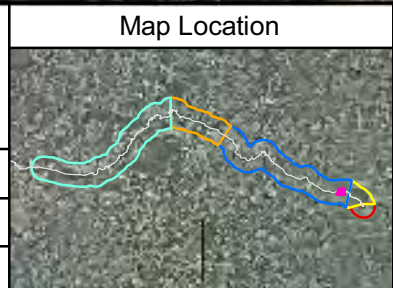


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

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- Additional 2012 transect poling locations

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- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 12 OF 170

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



	Map Location	Legend November 2011 Delineation Area Spring 2011 Delineation Area 2011 Poling Focus Areas Additional Poling Focus Areas Transects 2011 transect to be poled in 2012 2011 transect not slated for poling in 2012 Additional 2012 transect poling locations Park/Launch Access Poling Areas Bridge Access Poling Areas Quarter Mile Grid Segment
	Drawn: JLH 12/21/2011	
	Approved: DBR 12/21/2011	
	Project #: 106-4186	

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

 SHEET 13 OF 170

 ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



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0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 14 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

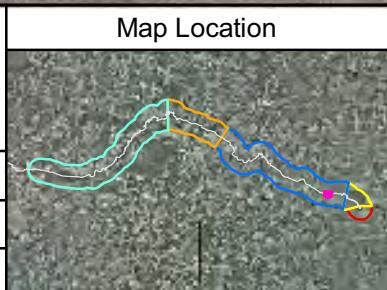


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

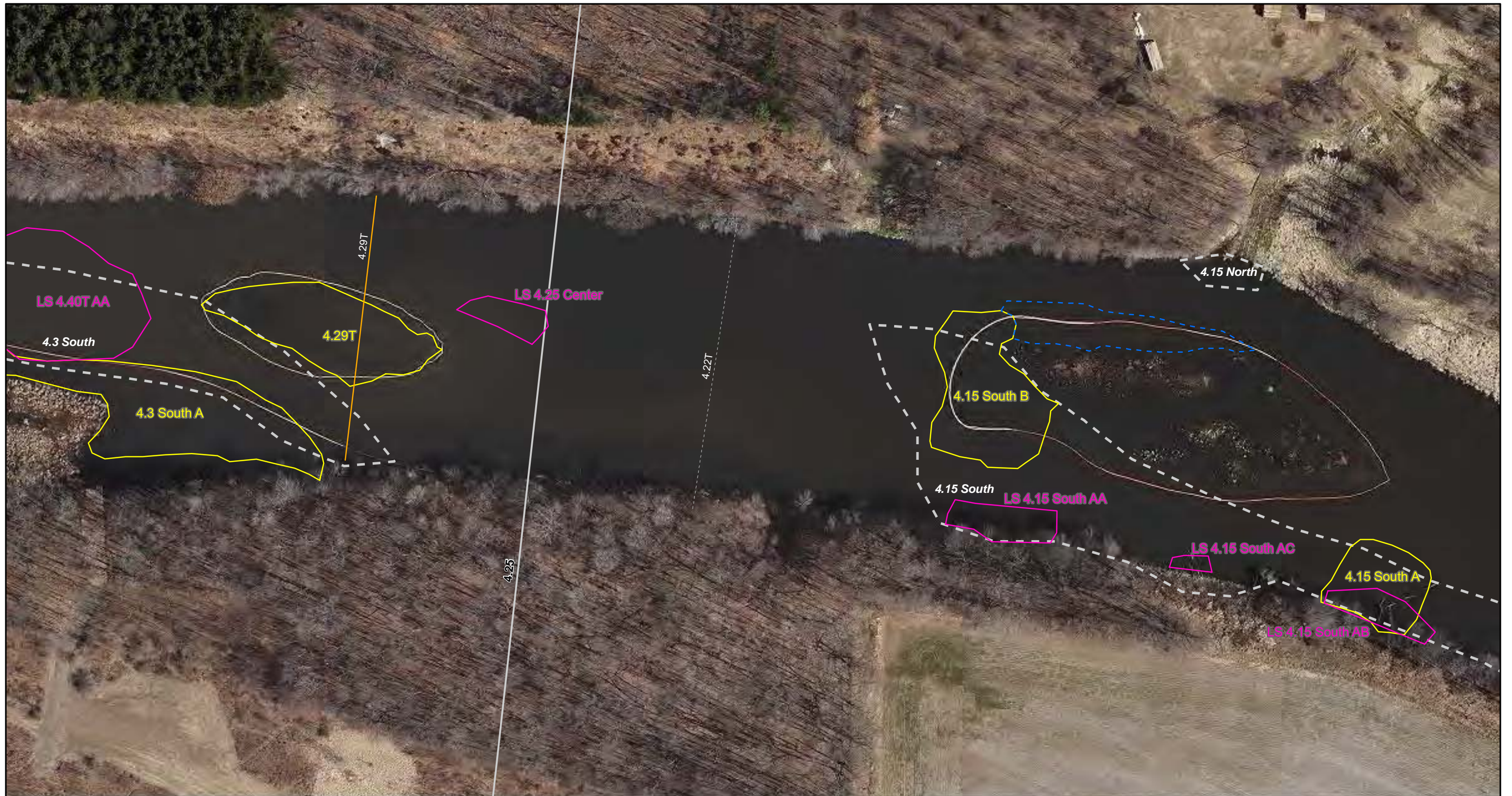
N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 15 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

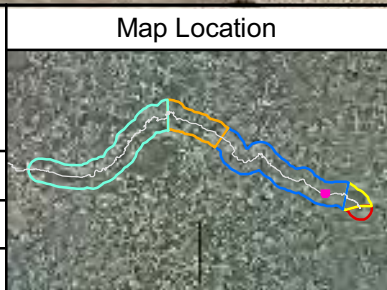


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas
- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations
- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

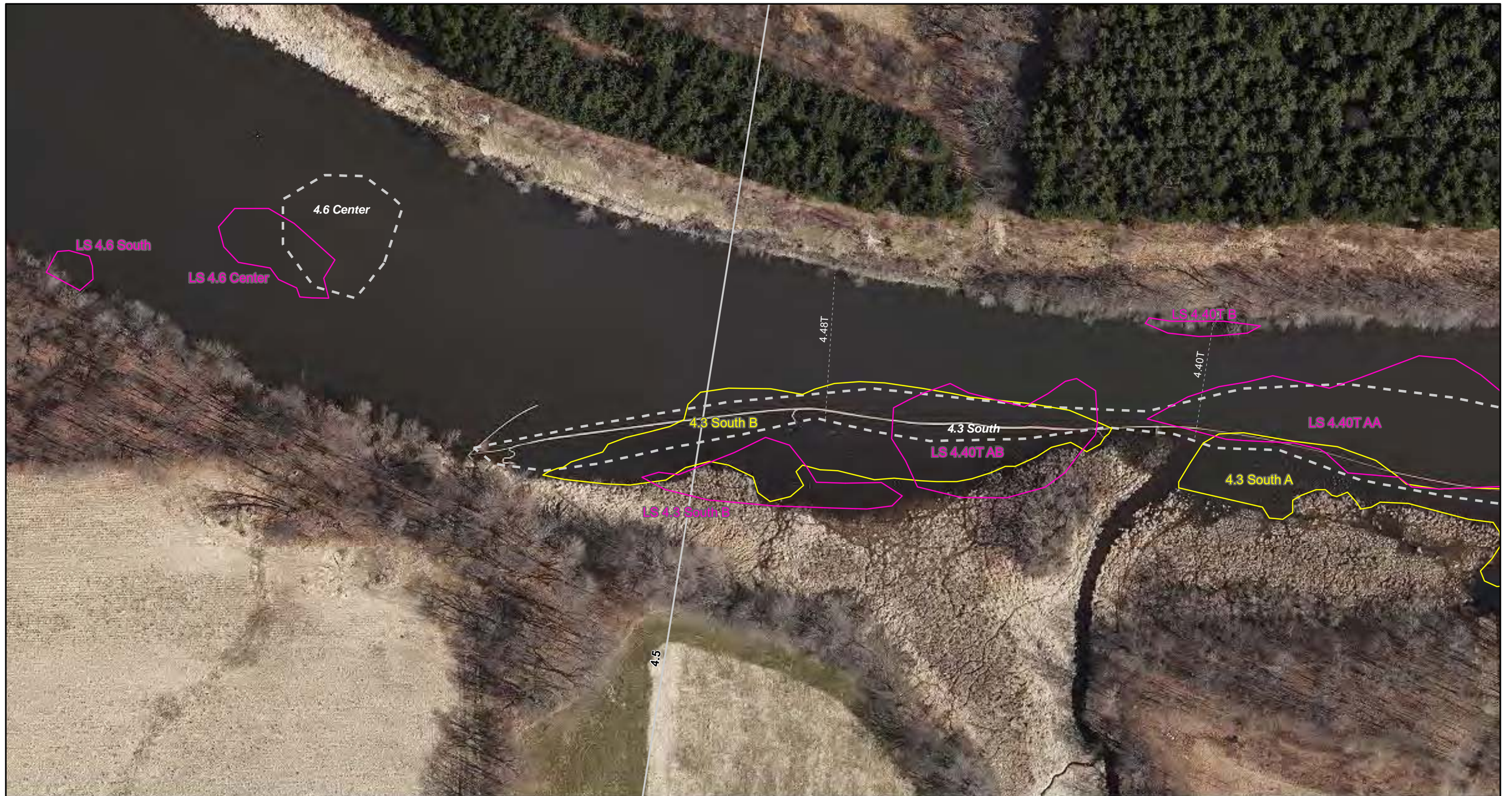
Scale in Feet: 0, 50, 100, 200

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 16 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

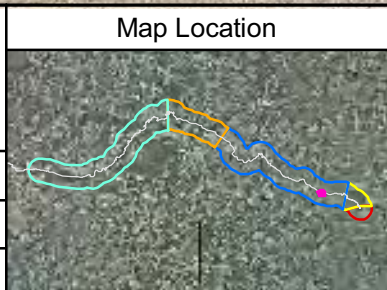


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2

2012 POLING FOCUS AREAS & TRANSECTS

SHEET 17 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



LS 4.6 Center
4.6 Center

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 18 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



Map Location

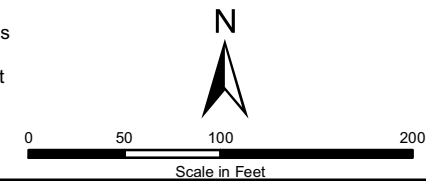


Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas
- Transects
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations
- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.



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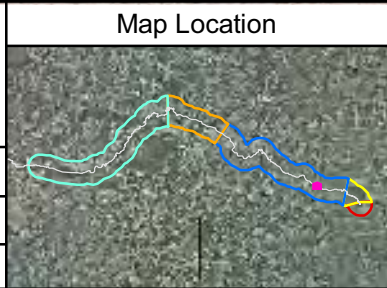


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Other Symbols

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

Scale in Feet: 0, 50, 100, 200

N

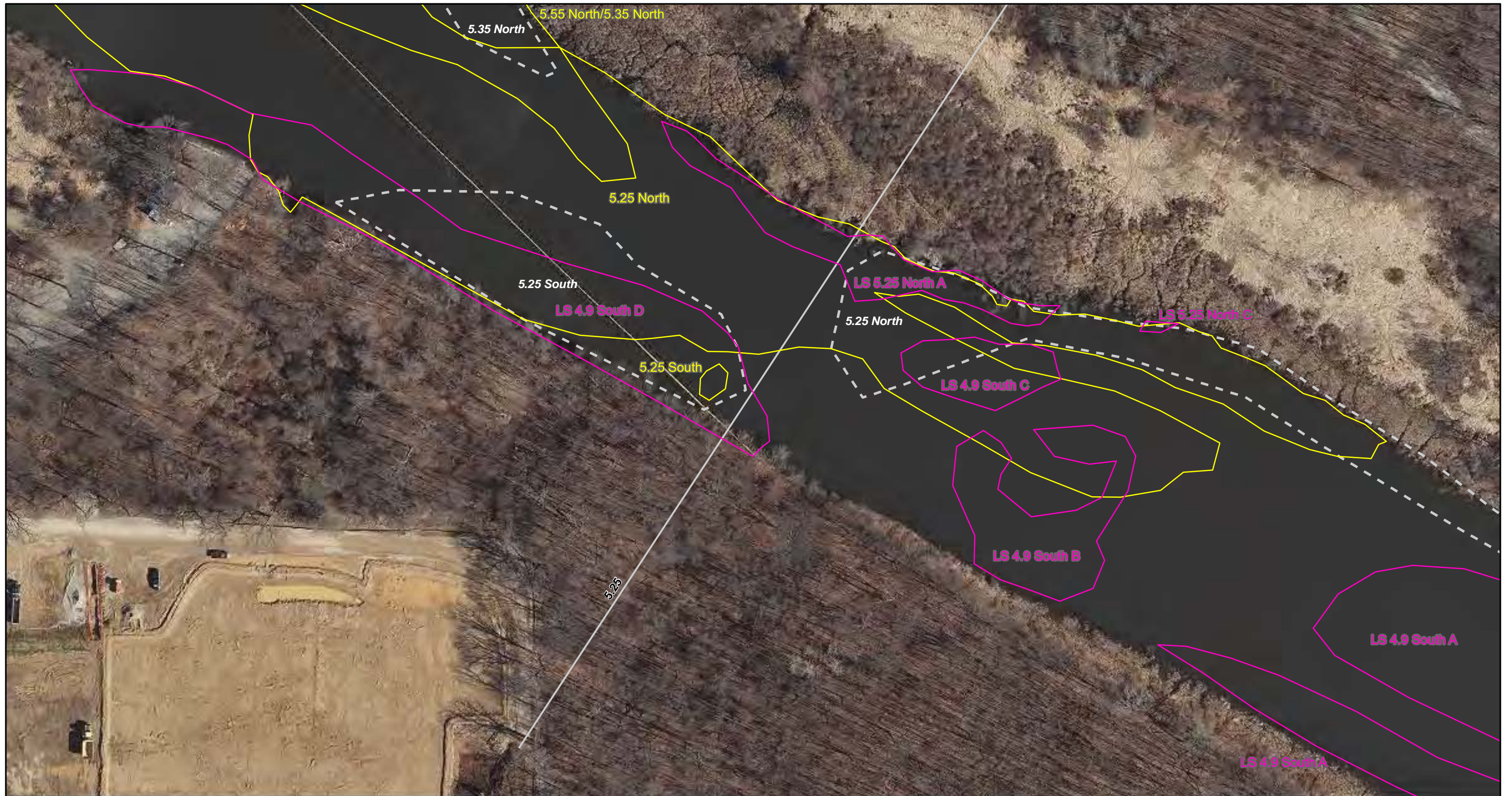
FIGURE 2

2012 POLING FOCUS AREAS & TRANSECTS

SHEET 19 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

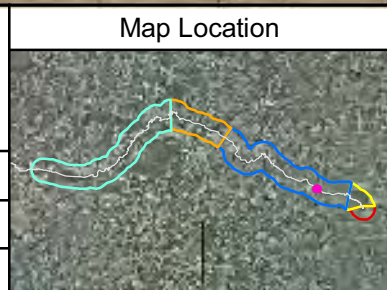


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Spring 2011 Delineation Area	2011 Poling Focus Areas	Additional Poling Focus Areas	Transects	Park/Launch Access Poling Areas
November 2011 Delineation Area	Spring 2011 Delineation Area	2011 Poling Focus Areas	Additional Poling Focus Areas	2011 transect to be poled in 2012	Bridge Access Poling Areas
November 2011 Delineation Area	Spring 2011 Delineation Area	2011 Poling Focus Areas	Additional Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
November 2011 Delineation Area	Spring 2011 Delineation Area	2011 Poling Focus Areas	Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

Scale in Feet: 0, 50, 100, 200

North Arrow: N

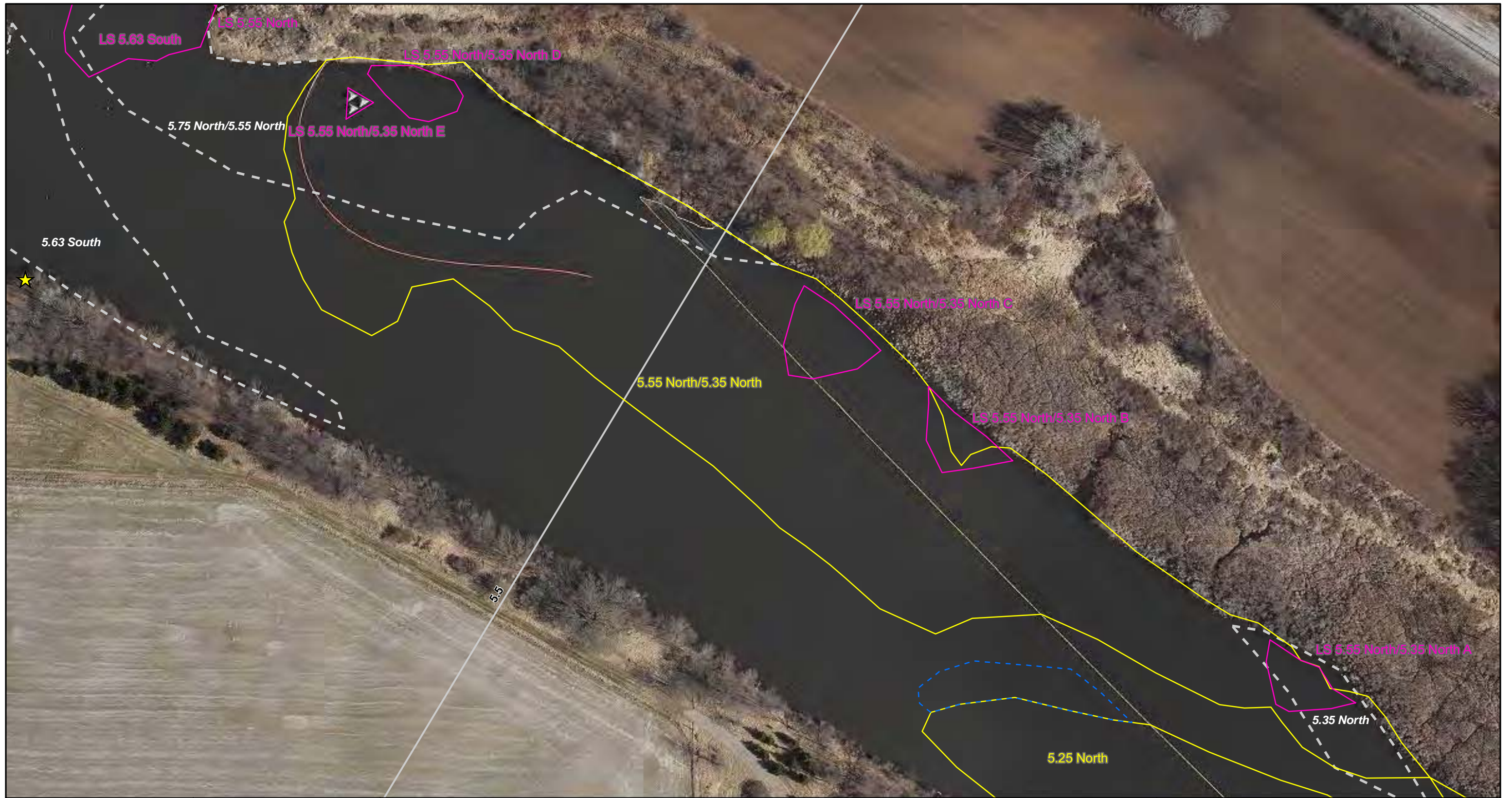
FIGURE 2

2012 POLING FOCUS AREAS & TRANSECTS

SHEET 20 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

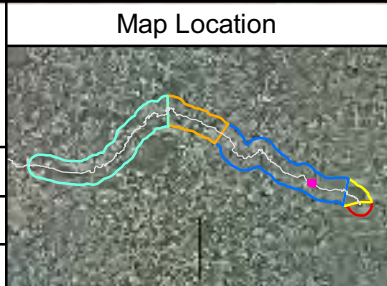


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

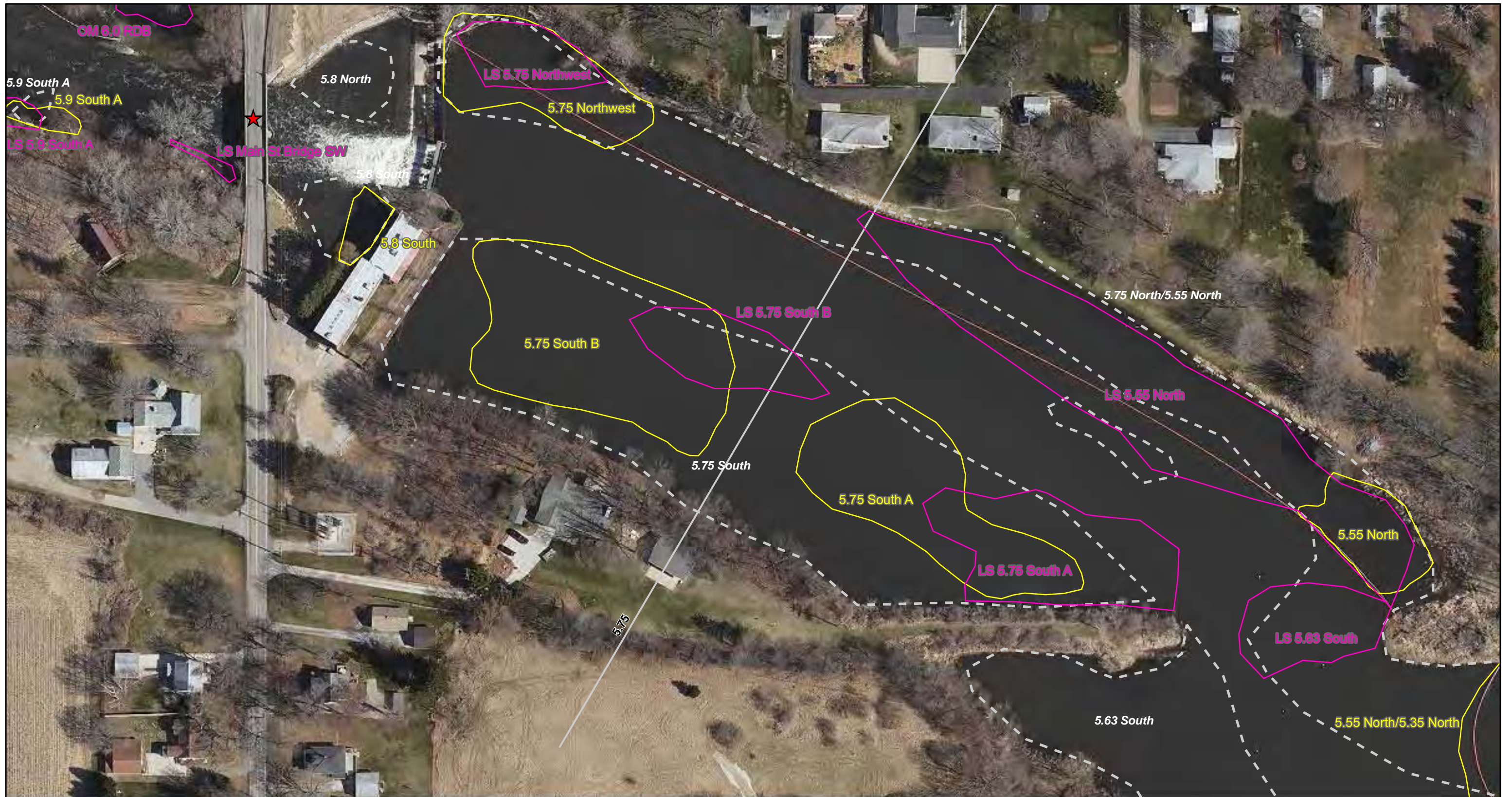
FIGURE 2

2012 POLING FOCUS AREAS & TRANSECTS

SHEET 21 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

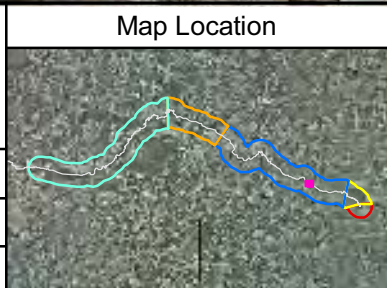


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

★ Park/Launch Access Poling Areas

★ Bridge Access Poling Areas

 Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 22 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

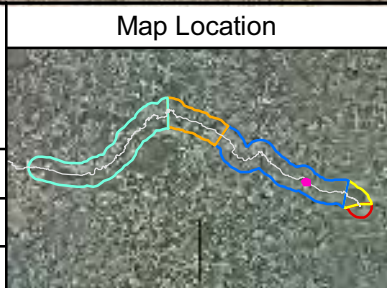


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 23 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

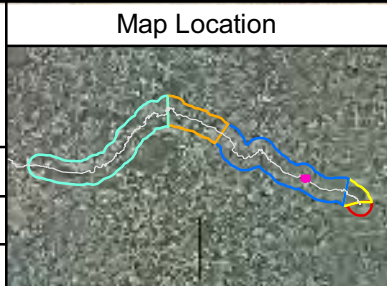


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 24 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

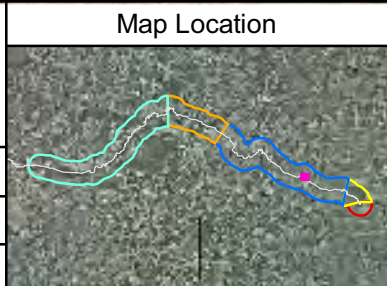


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 25 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

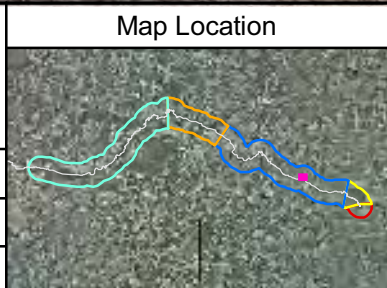


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 26 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

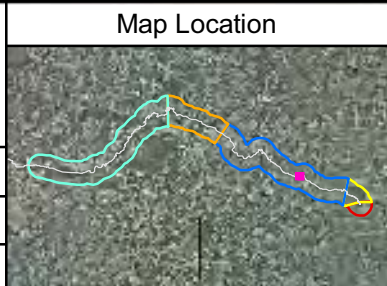


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Other Symbols

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

Scale in Feet: 0, 50, 100, 200

N

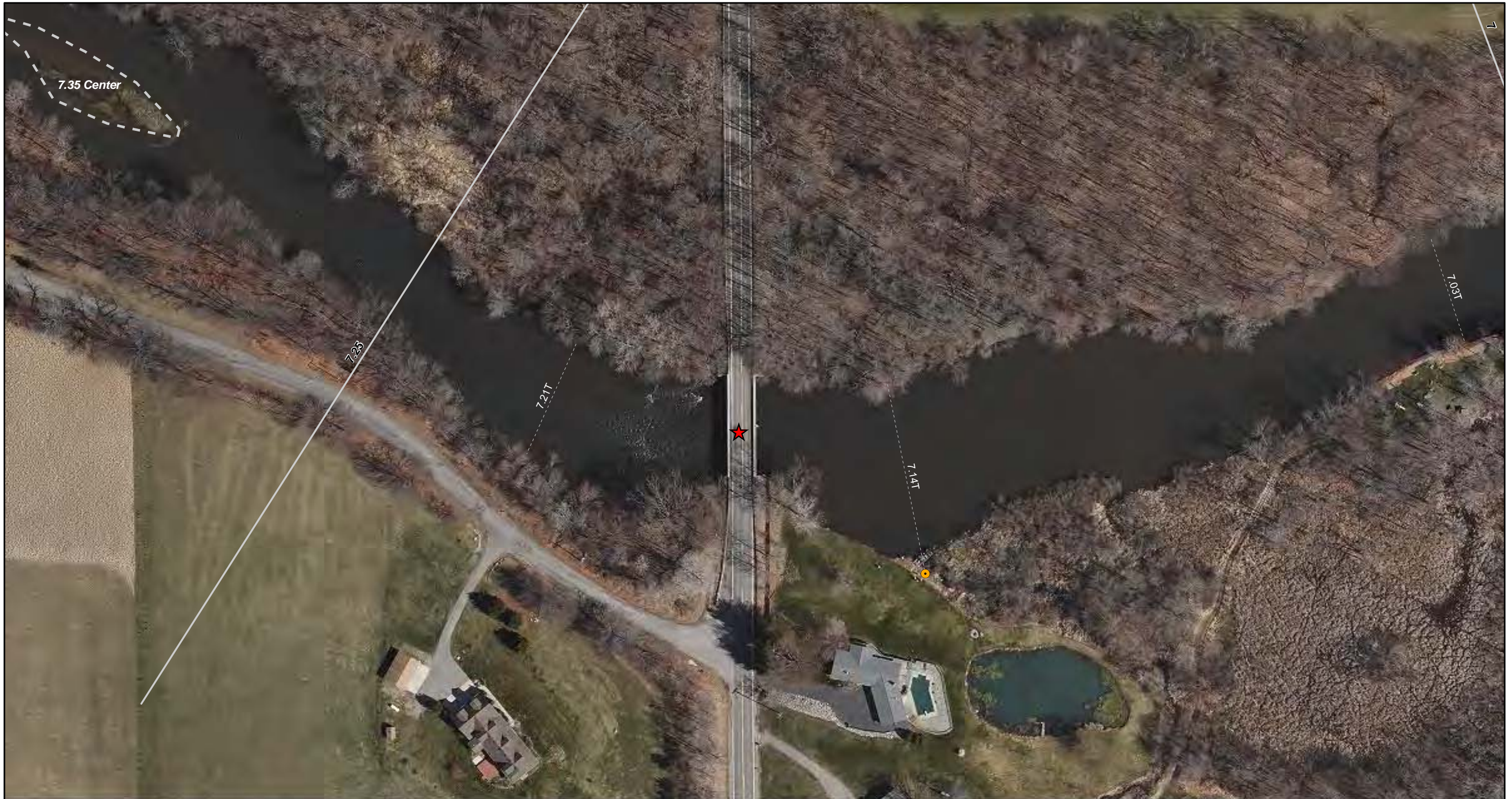
FIGURE 2

2012 POLING FOCUS AREAS & TRANSECTS

SHEET 27 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

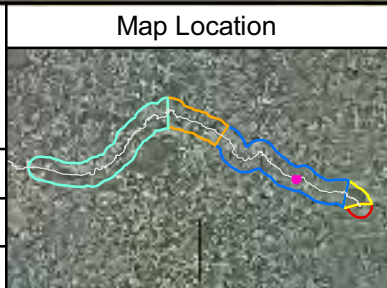


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 28 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

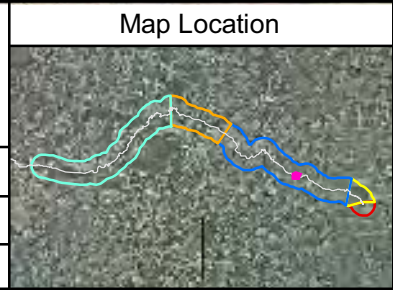


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 29 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

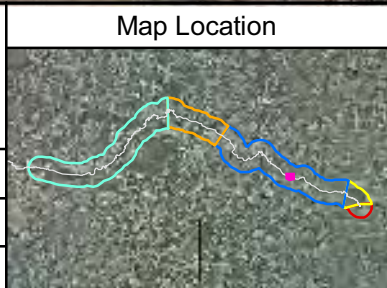


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 30 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

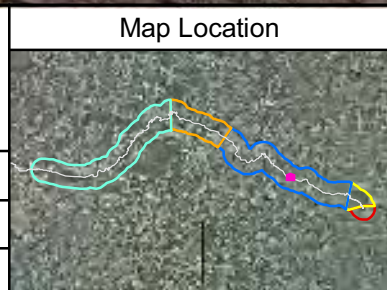


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Other Symbols

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 31 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

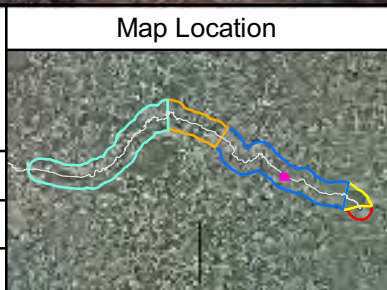


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	2011 transect to be poled in 2012	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect not slated for poling in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	Additional 2012 transect poling locations	Quarter Mile Grid Segment
Additional Poling Focus Areas		

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

Scale in Feet: 0, 50, 100, 200

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 32 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

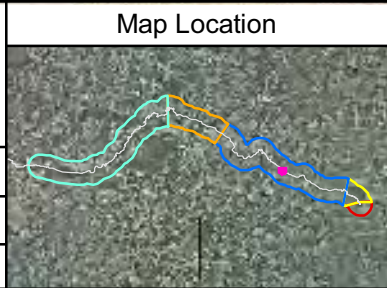


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 33 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

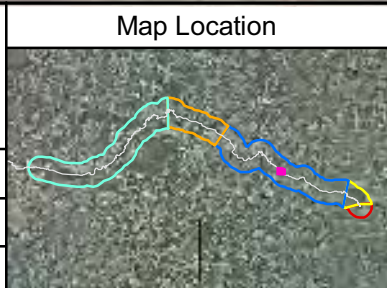


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Spring 2011 Delineation Area	2011 Poling Focus Areas	Additional Poling Focus Areas	Transects	Park/Launch Access Poling Areas
November 2011 Delineation Area	Spring 2011 Delineation Area	2011 Poling Focus Areas	Additional Poling Focus Areas	2011 transect to be poled in 2012	Bridge Access Poling Areas
November 2011 Delineation Area	Spring 2011 Delineation Area	2011 Poling Focus Areas	Additional Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
November 2011 Delineation Area	Spring 2011 Delineation Area	2011 Poling Focus Areas	Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 34 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

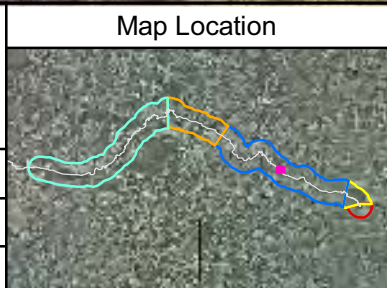


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 35 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

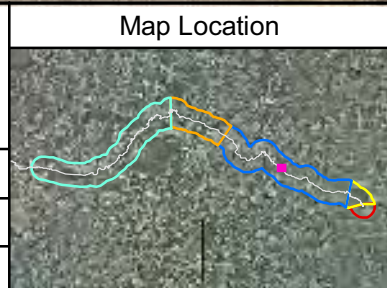


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 36 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

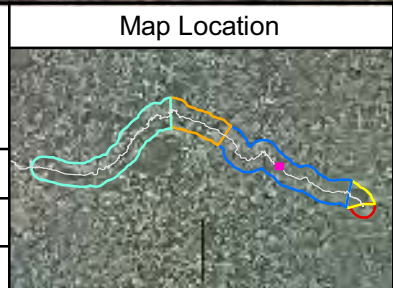


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Spring 2011 Delineation Area	2011 Poling Focus Areas	Additional Poling Focus Areas	Transects	Park/Launch Access Poling Areas
				2011 transect to be poled in 2012	Bridge Access Poling Areas
				2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
				Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 37 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

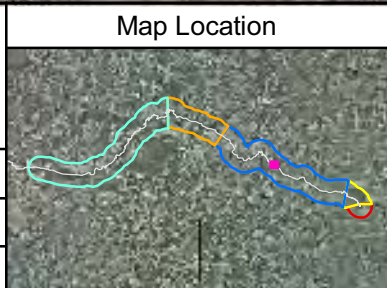


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2

2012 POLING FOCUS AREAS & TRANSECTS

SHEET 38 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

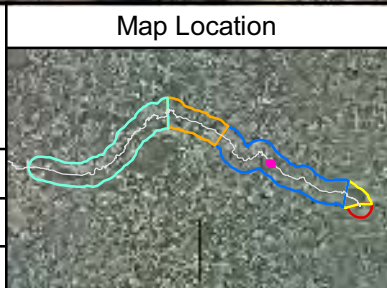


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Other Symbols

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2

2012 POLING FOCUS AREAS & TRANSECTS

SHEET 39 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

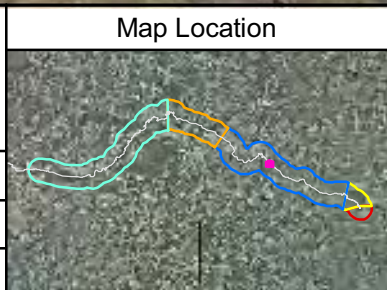


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 40 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

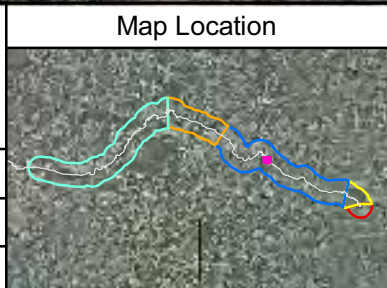


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 41 OF 170

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

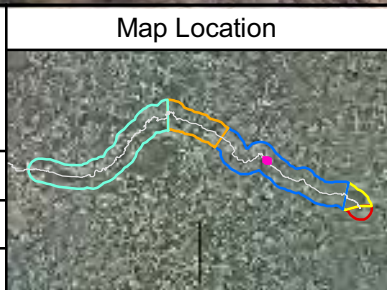


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Spring 2011 Delineation Area	2011 Poling Focus Areas	Additional Poling Focus Areas	Transects	Park/Launch Access Poling Areas
November 2011 Delineation Area	Spring 2011 Delineation Area	2011 Poling Focus Areas	Additional Poling Focus Areas	2011 transect to be poled in 2012	Bridge Access Poling Areas
				2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
				Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

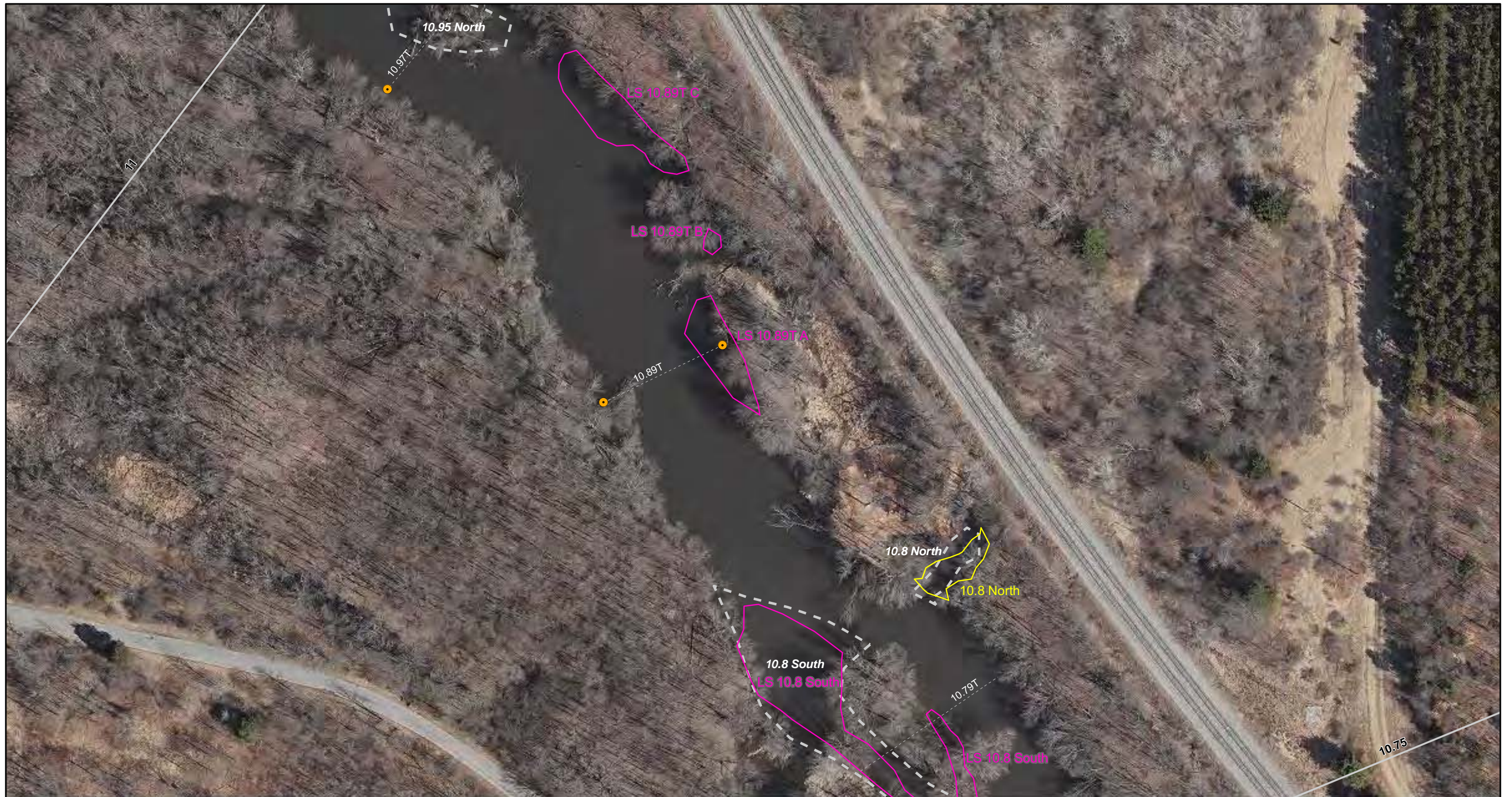
0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 42 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

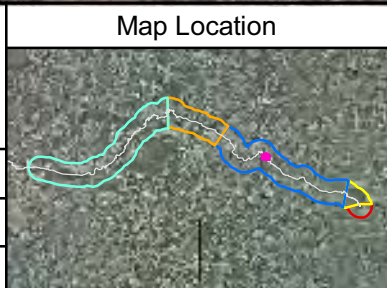


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 43 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 44 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

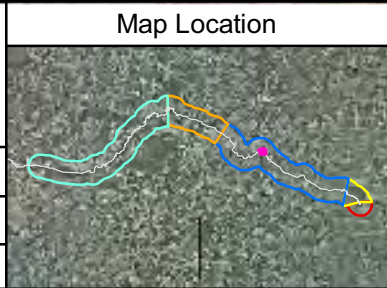


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Spring 2011 Delineation Area	2011 Poling Focus Areas	Additional Poling Focus Areas	Transects	Park/Launch Access Poling Areas
				2011 transect to be poled in 2012	Bridge Access Poling Areas
				2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
				Additional 2012 transect poling locations	

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Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

Scale in Feet: 0, 50, 100, 200

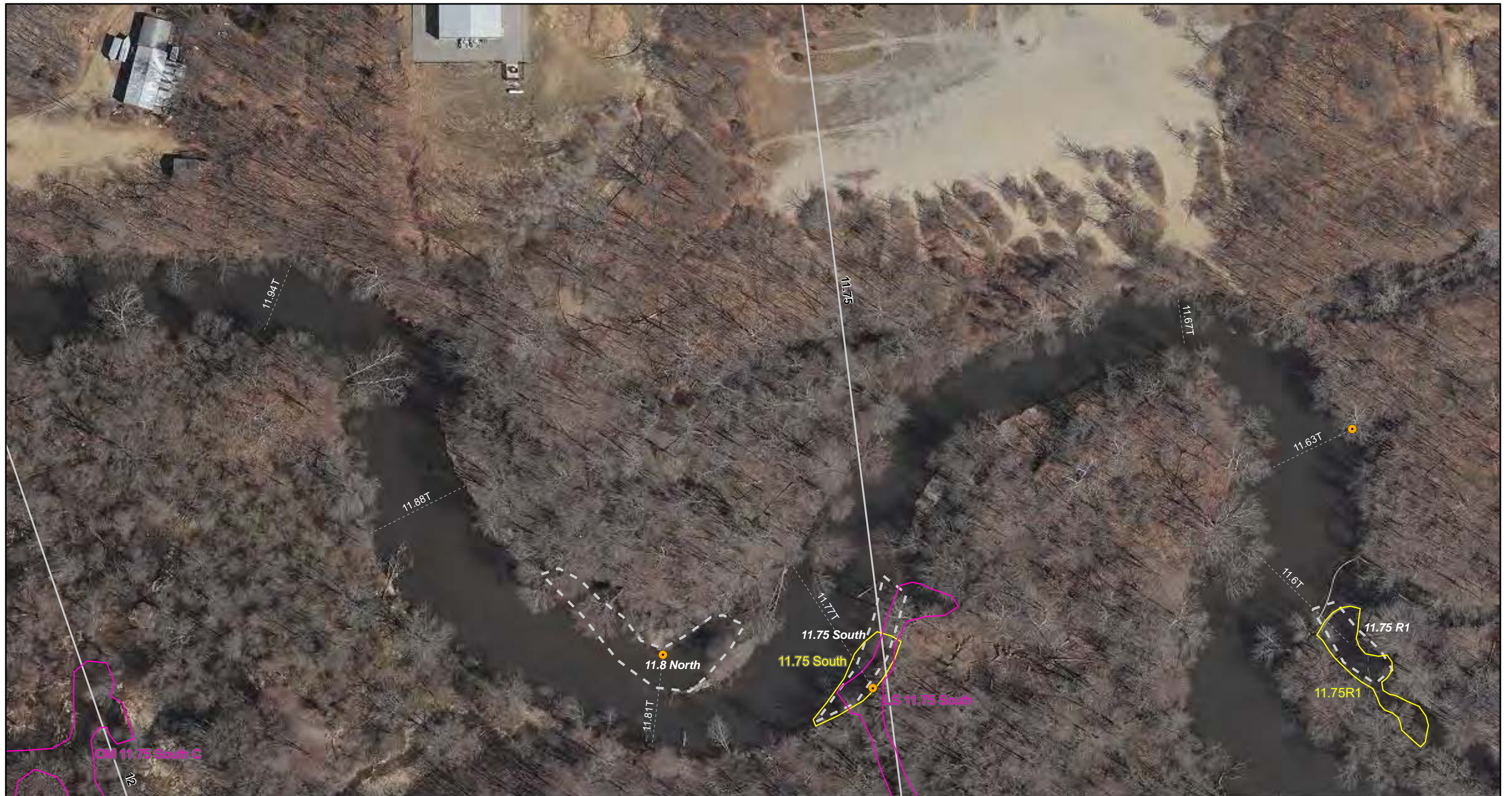
FIGURE 2

2012 POLING FOCUS AREAS & TRANSECTS

SHEET 45 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Other Symbols

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2

2012 POLING FOCUS AREAS & TRANSECTS

SHEET 46 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

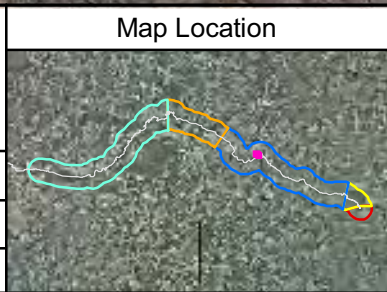


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2

2012 POLING FOCUS AREAS & TRANSECTS

SHEET 47 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

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Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

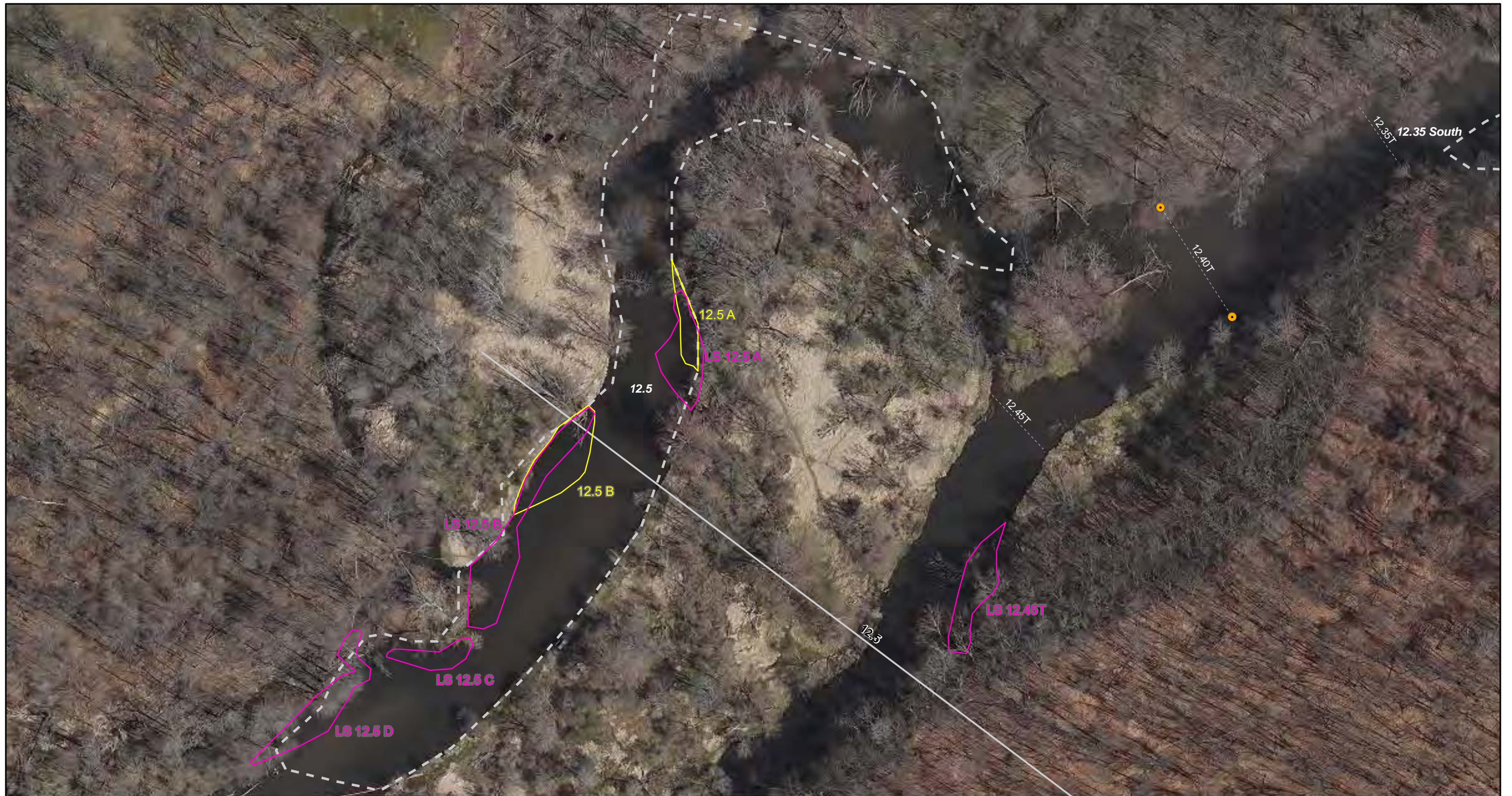
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FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 48 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 49 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

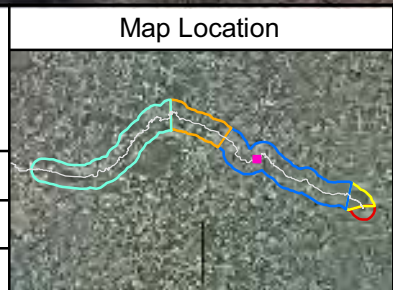


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas
- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations
- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

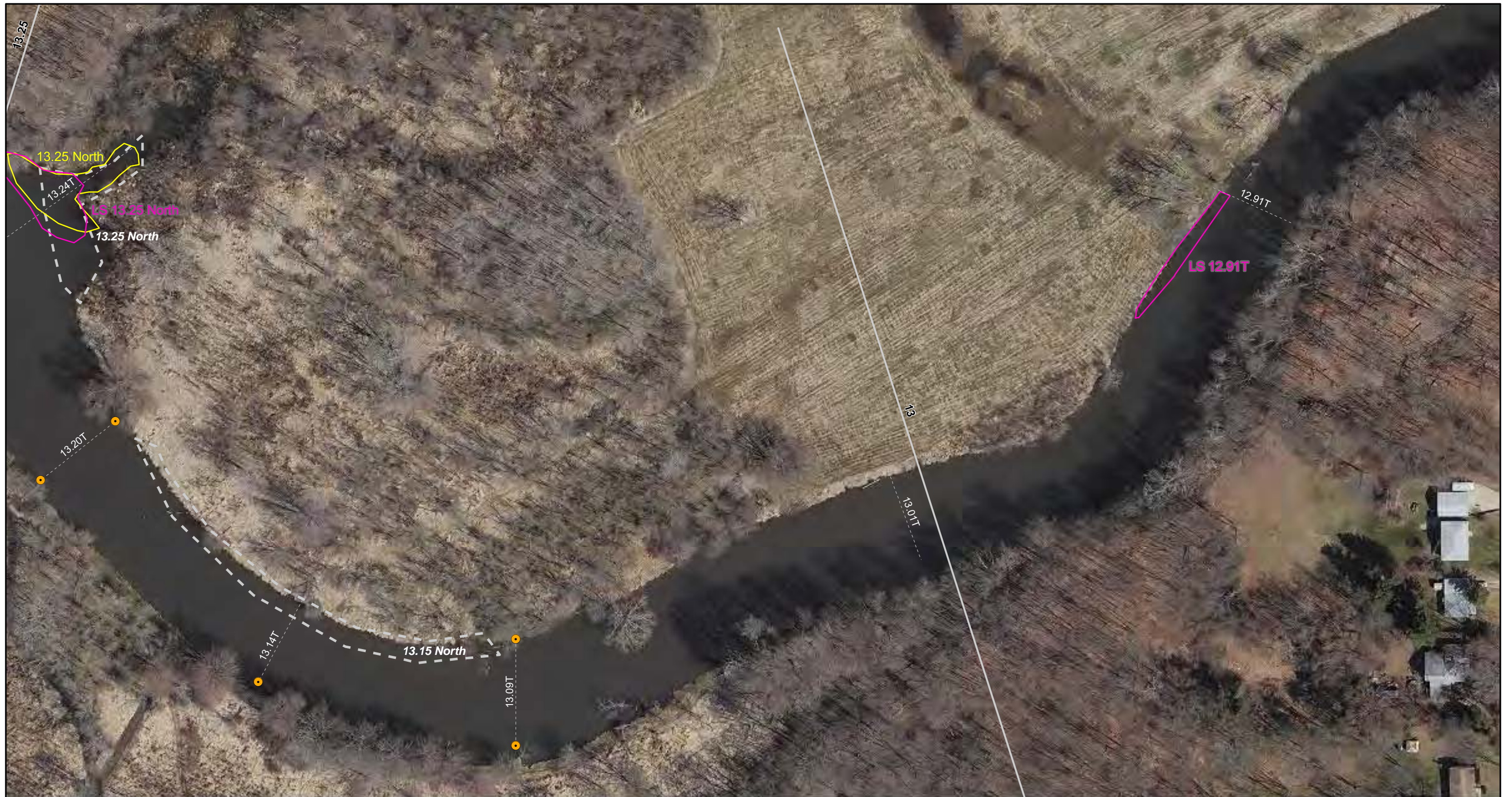
0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 50 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

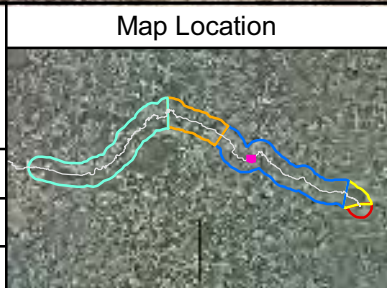


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Park/Launch Access Poling Areas

Bridge Access Poling Areas

Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 51 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

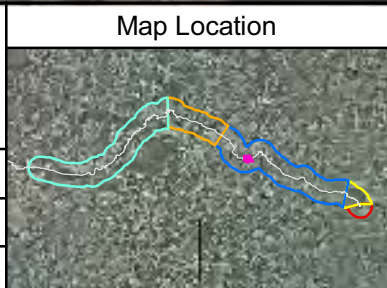


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

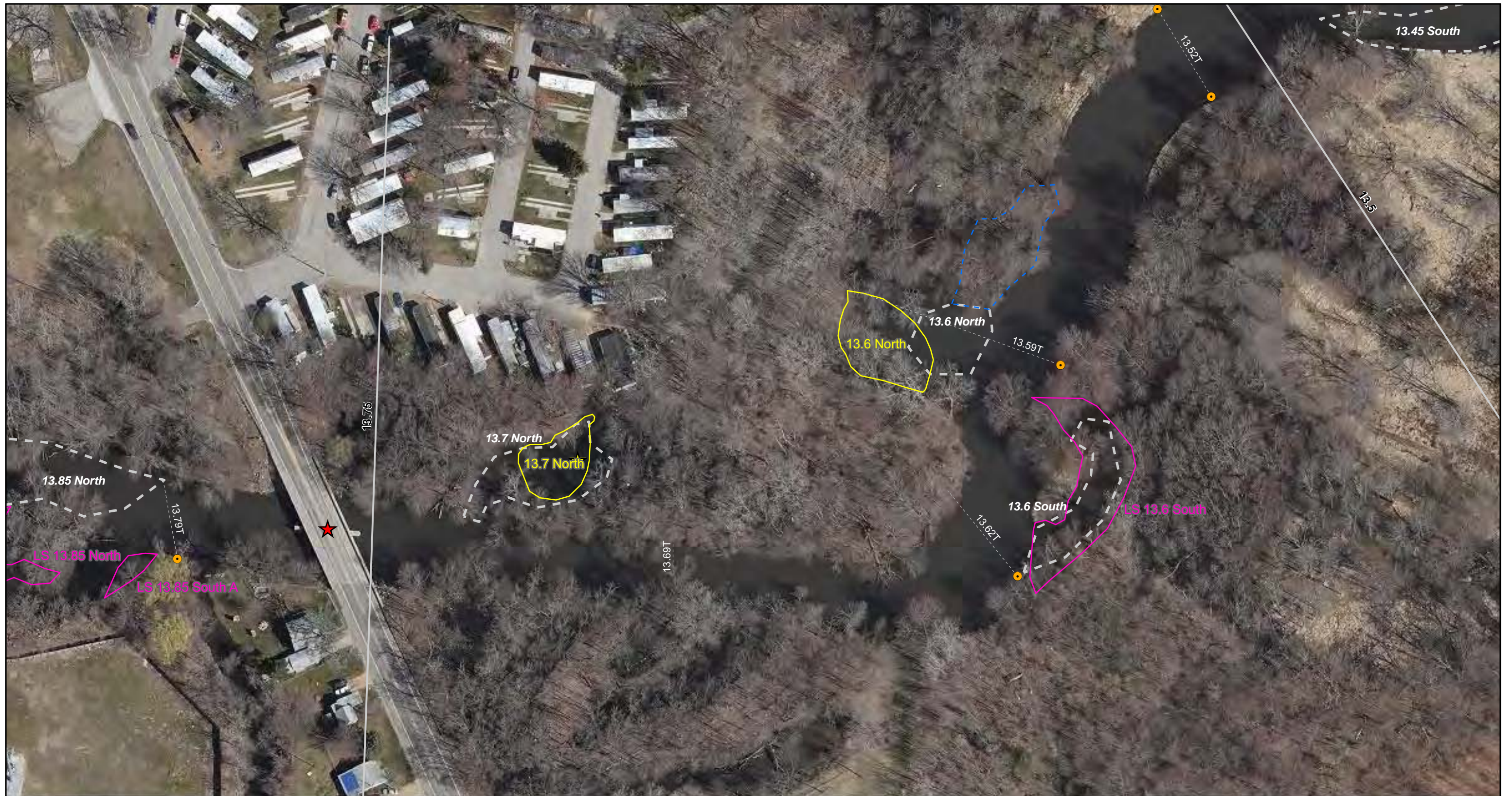
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FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 52 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 53 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 54 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



Map Location

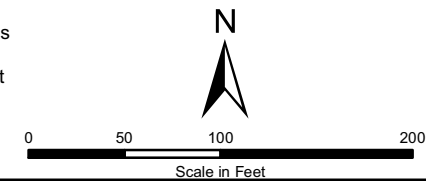


Legend

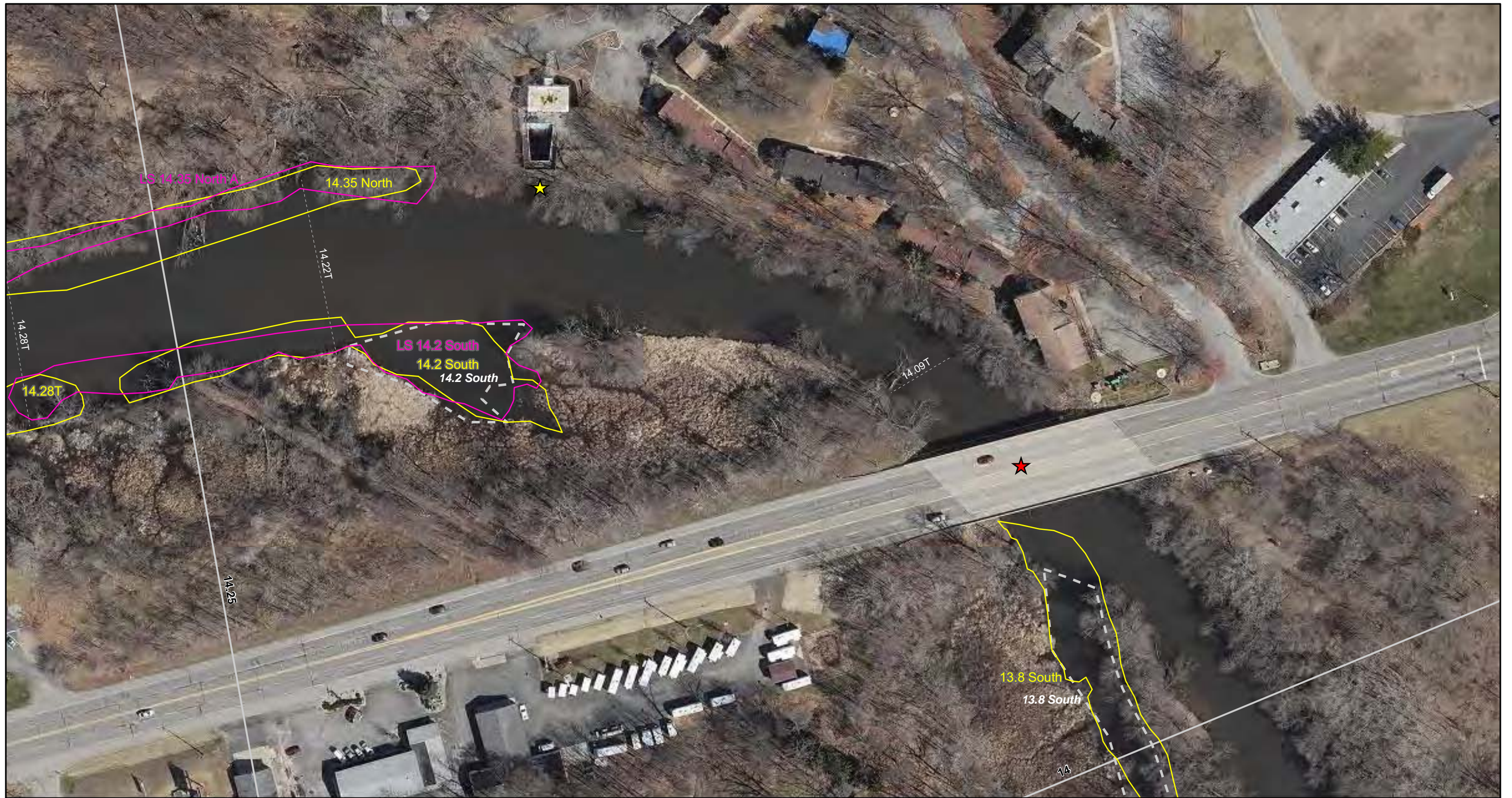
- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas
- Transects
- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations
- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.



Drawn: JLH 12/21/2011
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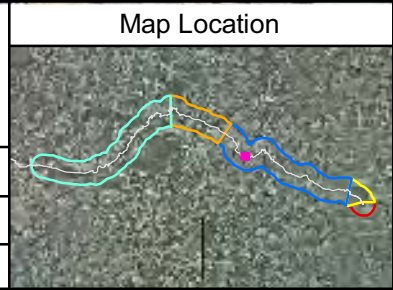


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Spring 2011 Delineation Area	2011 Poling Focus Areas	Additional Poling Focus Areas	Transects	Park/Launch Access Poling Areas
2011 transect to be poled in 2012	2011 transect not slated for poling in 2012	Additional 2012 transect poling locations	Quarter Mile Grid Segment	Bridge Access Poling Areas	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

N

FIGURE 2

2012 POLING FOCUS AREAS & TRANSECTS

SHEET 55 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

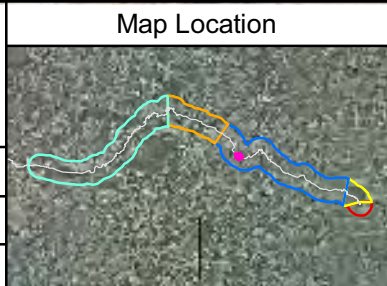


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

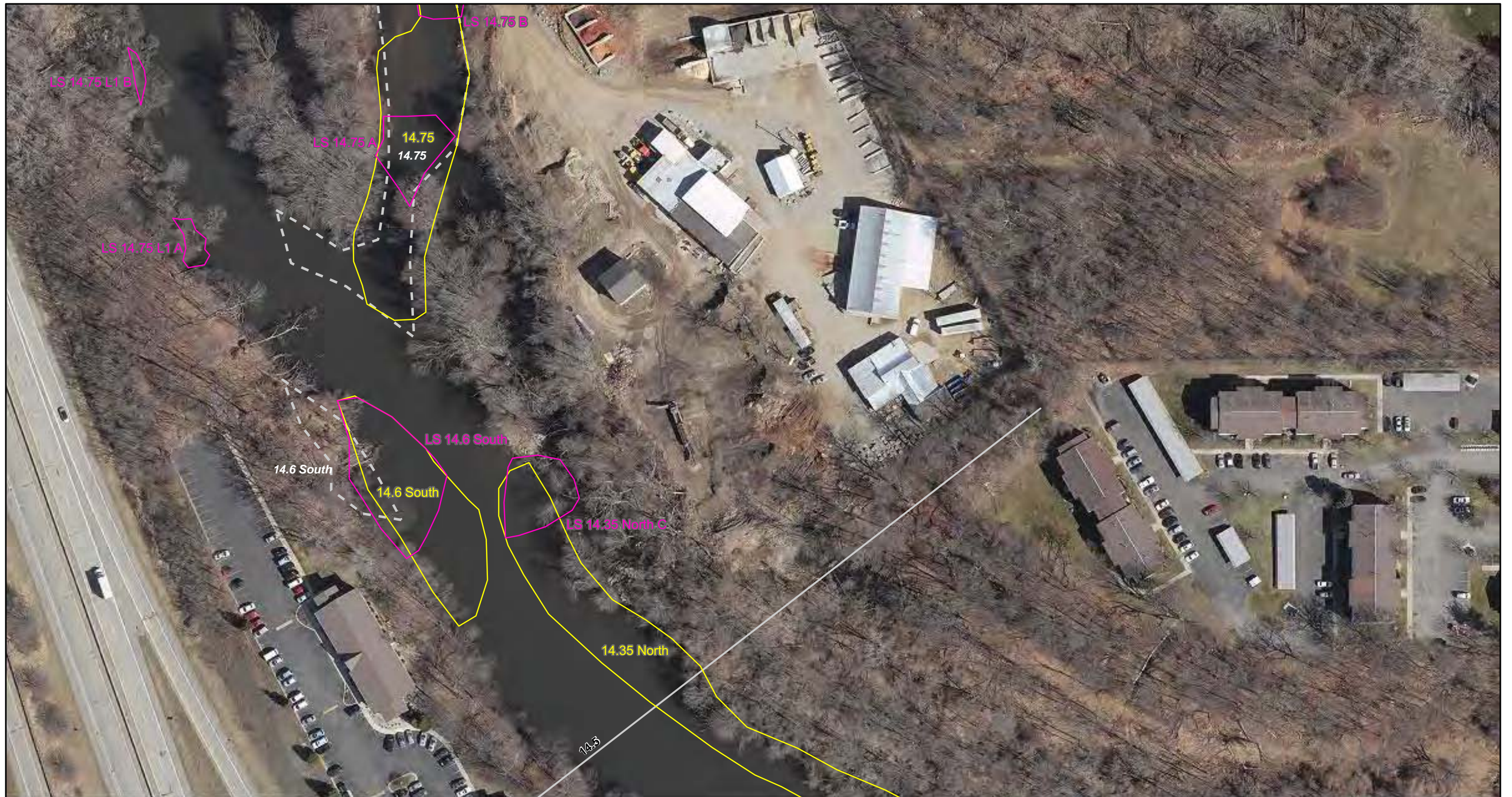
FIGURE 2

2012 POLING FOCUS AREAS & TRANSECTS

SHEET 56 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

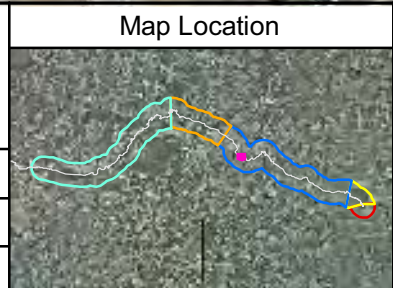


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2

2012 POLING FOCUS AREAS & TRANSECTS

SHEET 57 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Other Symbols

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2

2012 POLING FOCUS AREAS & TRANSECTS

SHEET 58 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

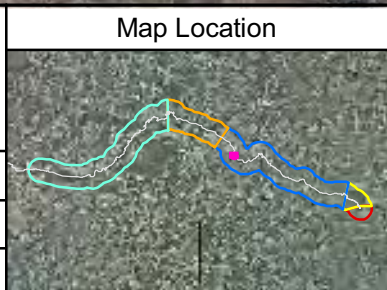


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
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- Additional Poling Focus Areas

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- Additional 2012 transect poling locations

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- Bridge Access Poling Areas
- Quarter Mile Grid Segment

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0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 59 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

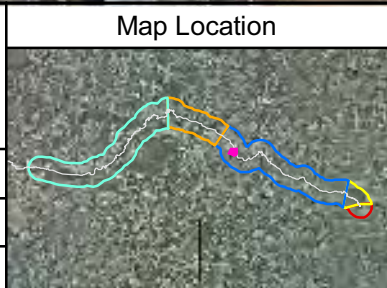


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Spring 2011 Delineation Area	2011 Poling Focus Areas	Additional Poling Focus Areas	Transects	2011 transect to be poled in 2012	2011 transect not slated for poling in 2012	Park/Launch Access Poling Areas	Bridge Access Poling Areas	Quarter Mile Grid Segment
Additional 2012 transect poling locations	<p>Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas</p> <p>Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.</p>								

0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 60 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



ENBRIDGE

Drawn: JLH 12/21/2011

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Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
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Scale in Feet: 0, 50, 100, 200

N

FIGURE 2

2012 POLING FOCUS AREAS & TRANSECTS

SHEET 61 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

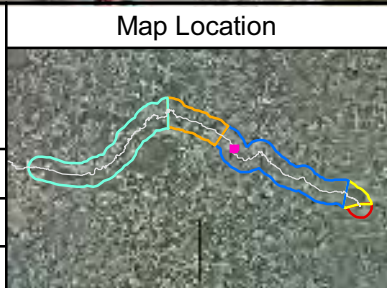


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
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- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 62 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

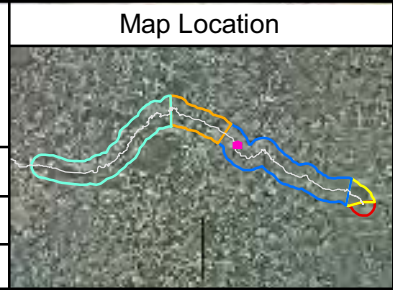


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	2011 transect to be poled in 2012	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect not slated for poling in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	Additional 2012 transect poling locations	Quarter Mile Grid Segment
Additional Poling Focus Areas		

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

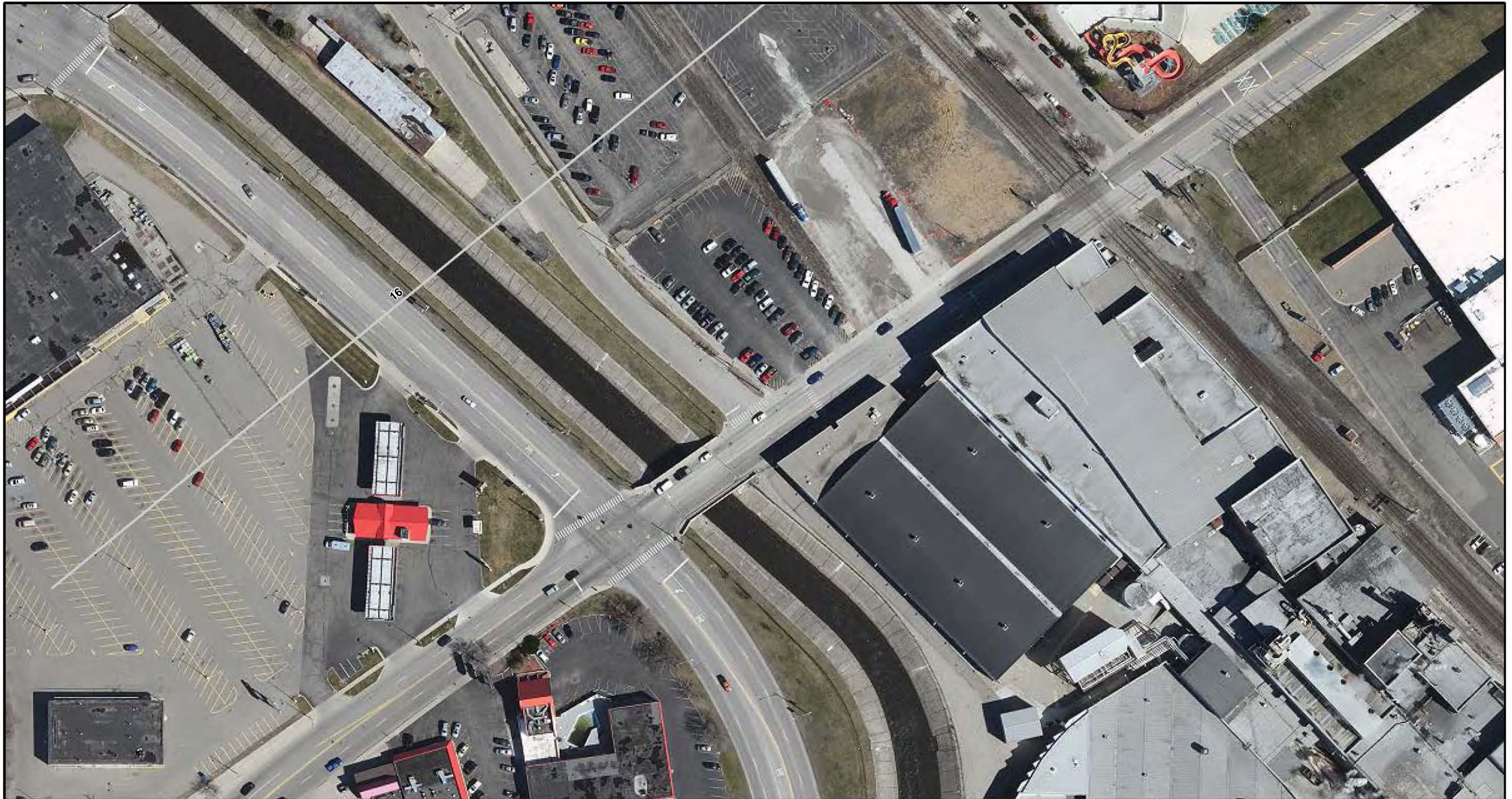
Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 63 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



ENBRIDGE

Drawn: JLH 12/21/2011

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Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
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N

0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 64 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



ENBRIDGE

Drawn: JLH 12/21/2011
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- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0 50 100 200

FIGURE 2
 2012 POLING FOCUS AREAS & TRANSECTS

SHEET 65 OF 170

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



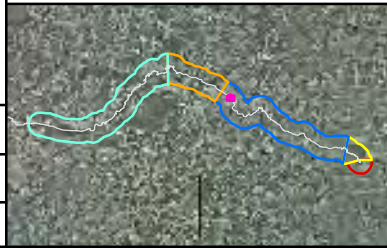
FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 66 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



Map Location



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

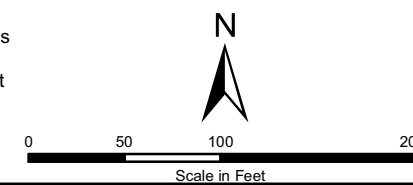
Transects

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Project #: 106-4186

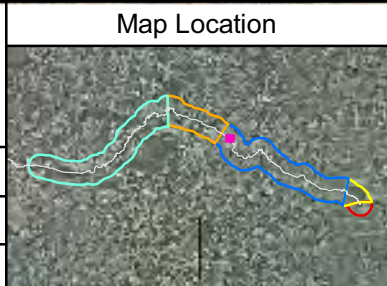


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Drawn: JLH 12/21/2011

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Project #: 106-4186



Legend

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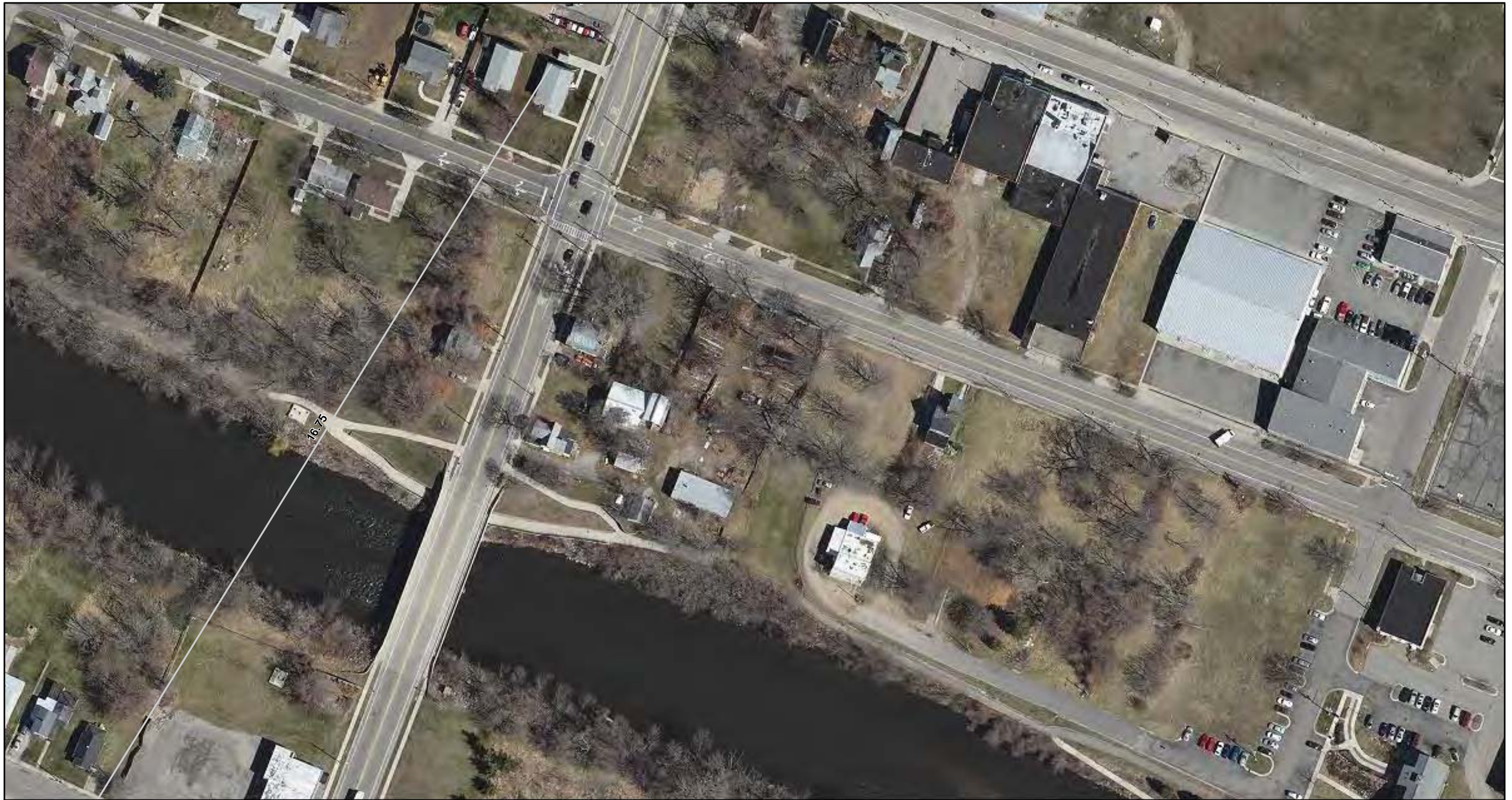
0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 67 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

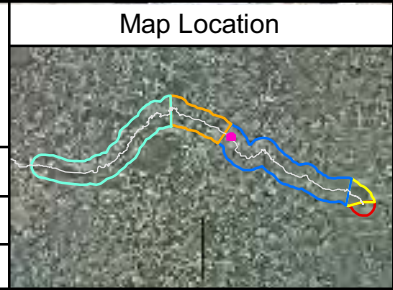


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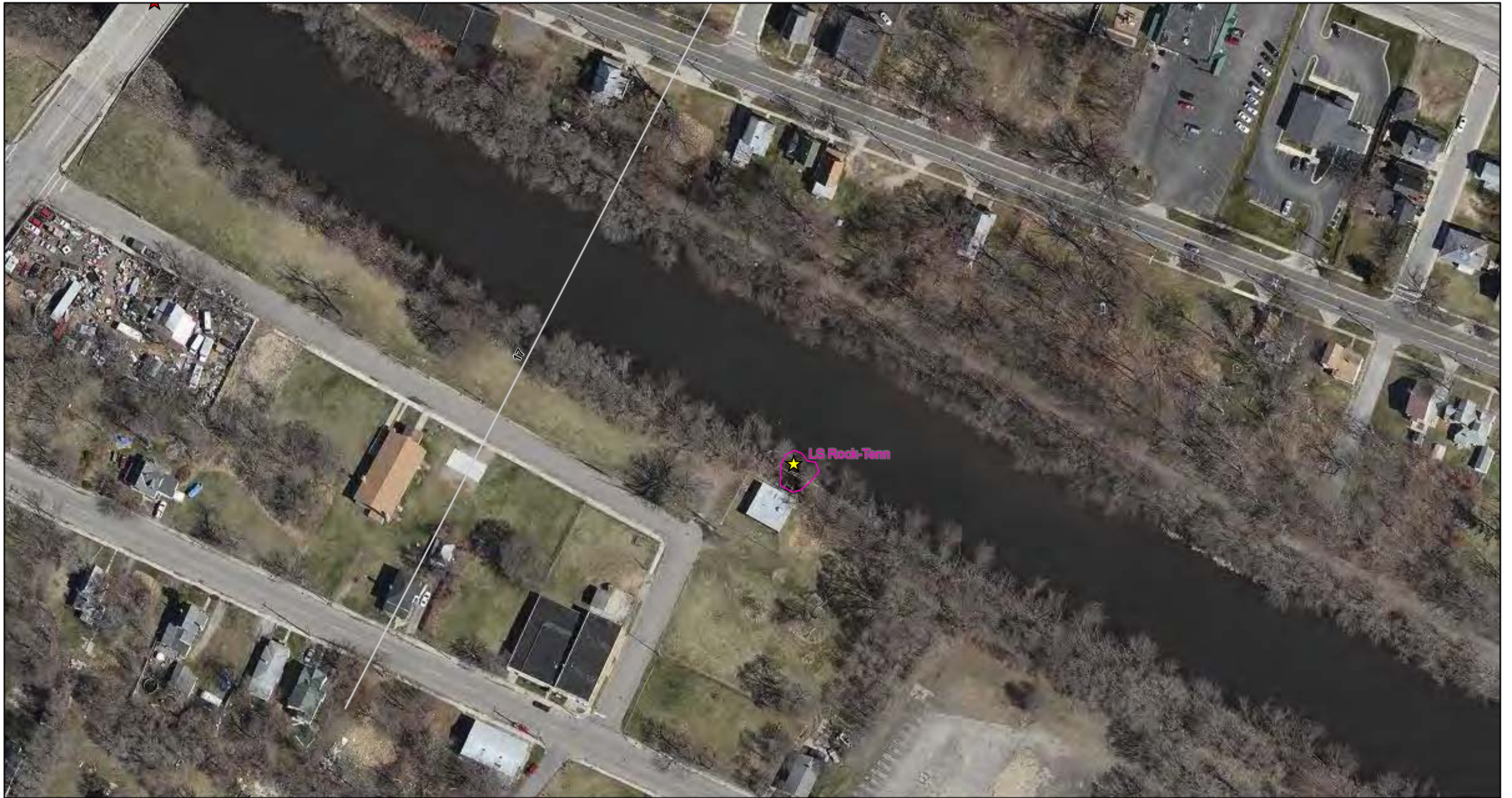
0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 68 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

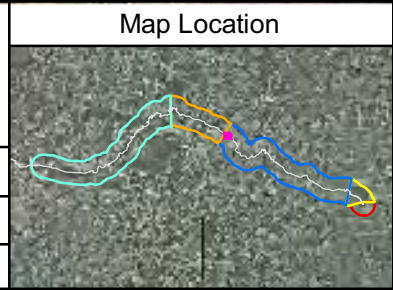


ENBRIDGE

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- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 69 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

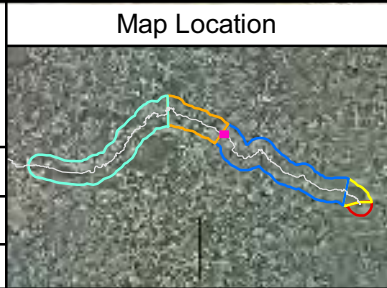


ENBRIDGE

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Legend

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0 50 100 200
Scale in Feet

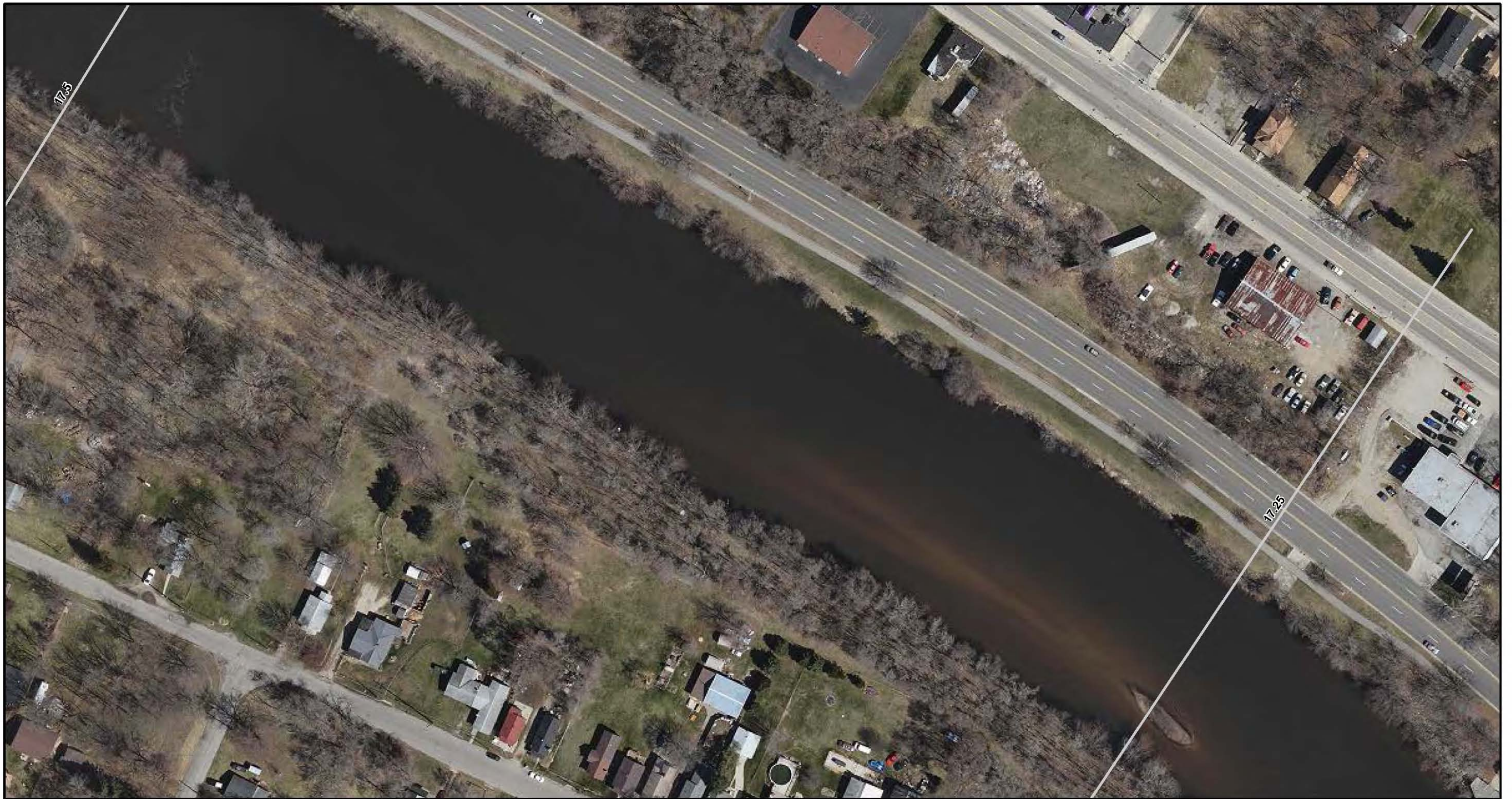
N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 70 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



ENBRIDGE

Drawn: JLH 12/21/2011

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0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 71 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

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Legend

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0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 72 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

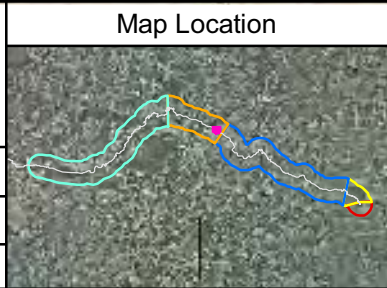


ENBRIDGE

Drawn: JLH 12/21/2011

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Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
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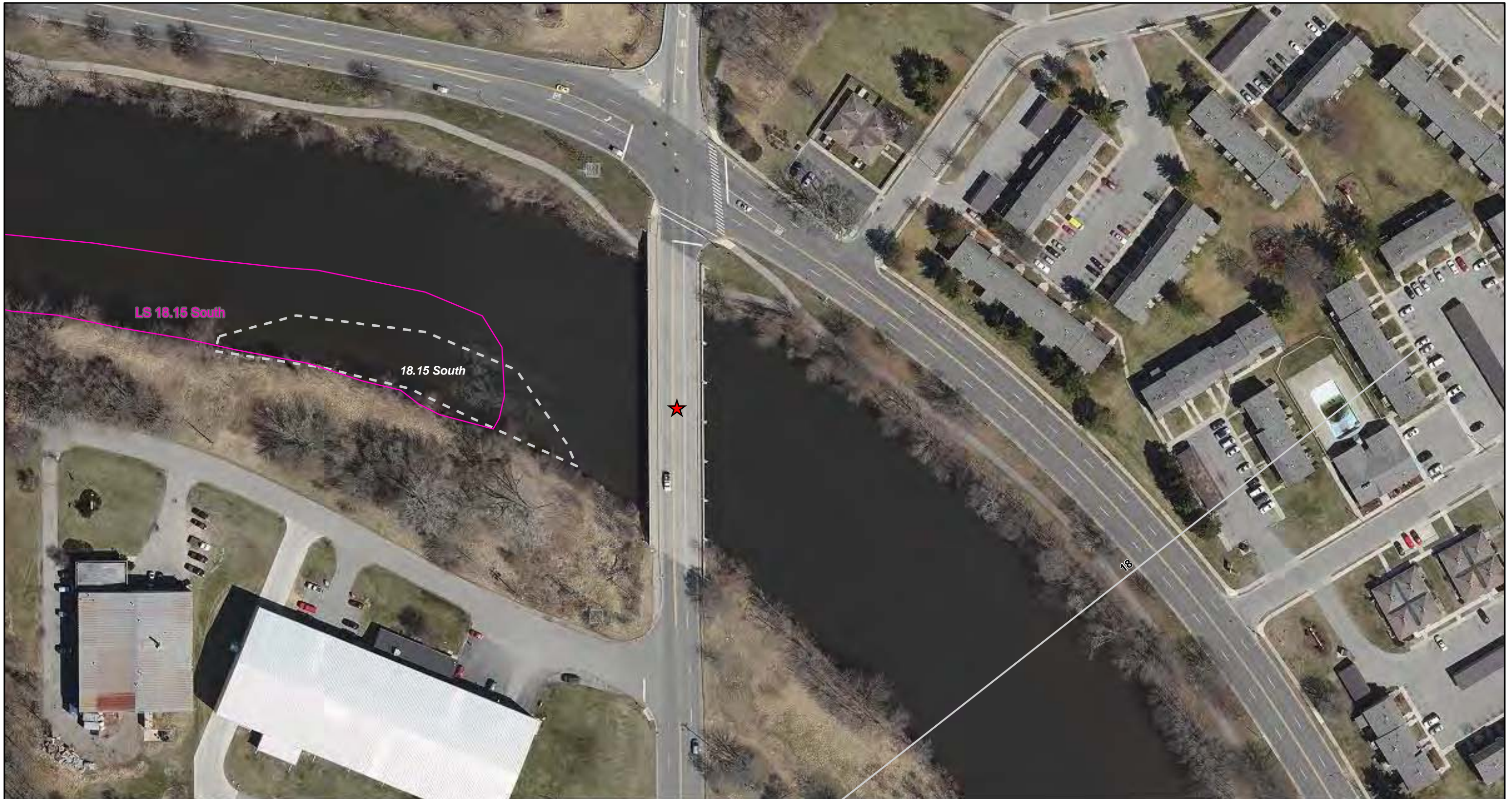
0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 73 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

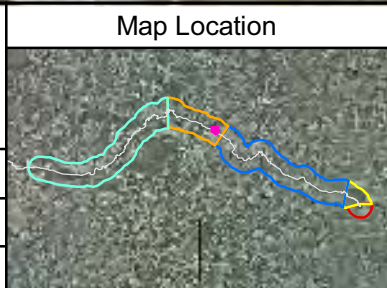


ENBRIDGE

Drawn: JLH 12/21/2011

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Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
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- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 74 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



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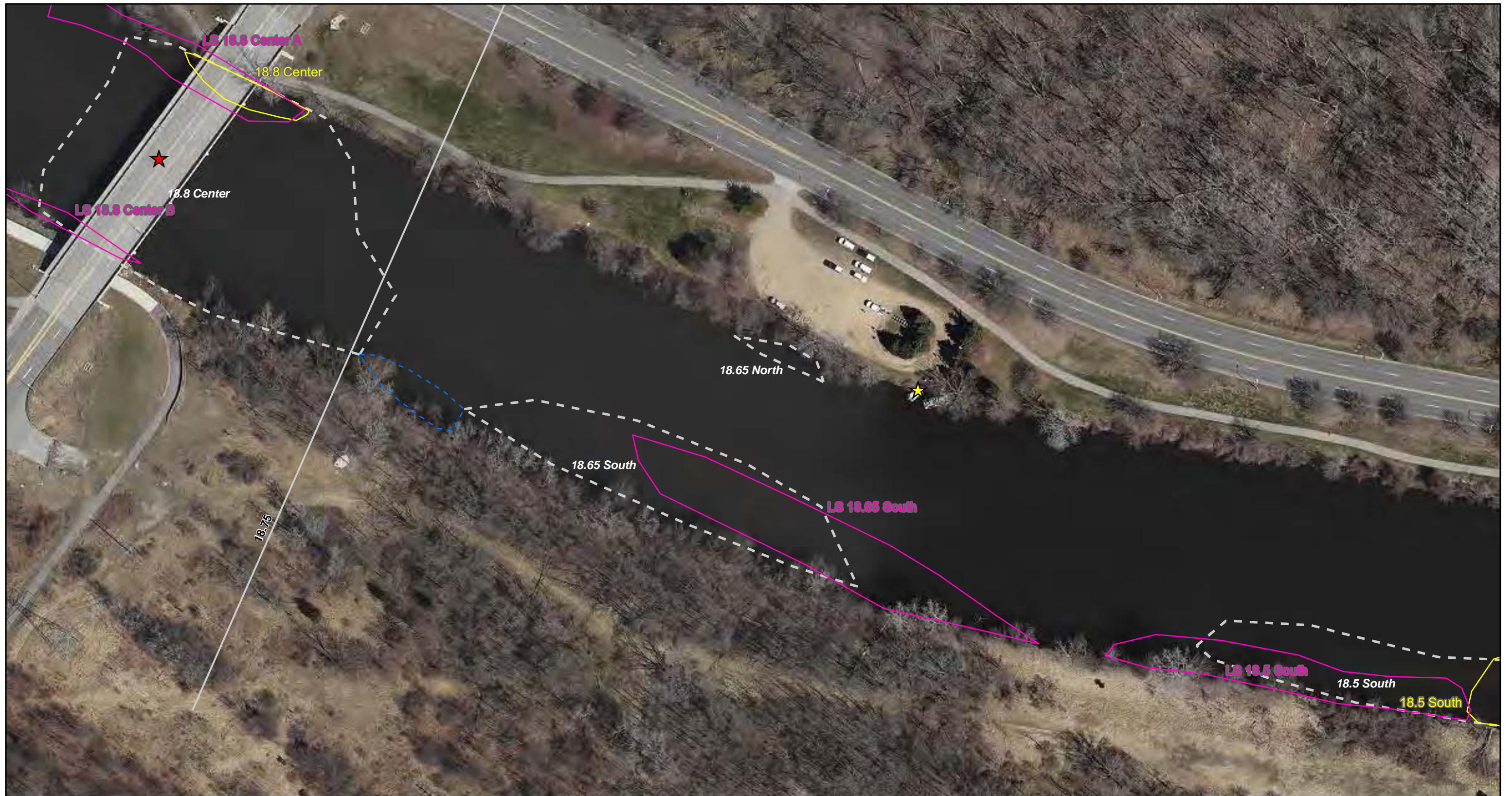
0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 75 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

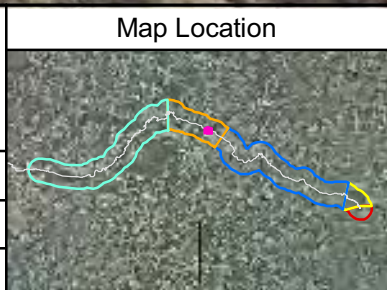


ENBRIDGE

Drawn: JLH 12/21/2011

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Project #: 106-4186



Legend

- November 2011 Delineation Area
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0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 76 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

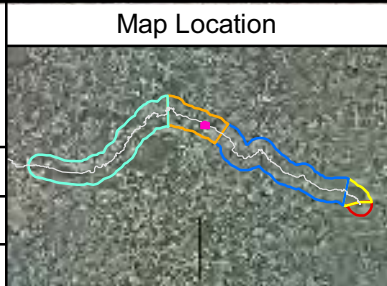


ENBRIDGE

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Legend

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N

FIGURE 2

2012 POLING FOCUS AREAS & TRANSECTS

SHEET 77 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



ENBRIDGE

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Scale in Feet: 0, 50, 100, 200

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 78 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

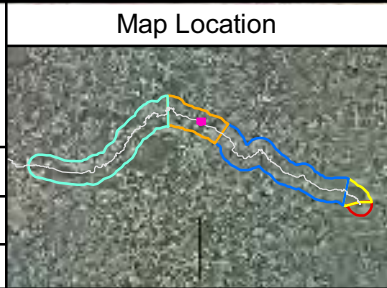


ENBRIDGE

Drawn: JLH 12/21/2011

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Legend

November 2011 Delineation Area	2011 transect to be poled in 2012	Park/Launch Access Poling Areas
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0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 79 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

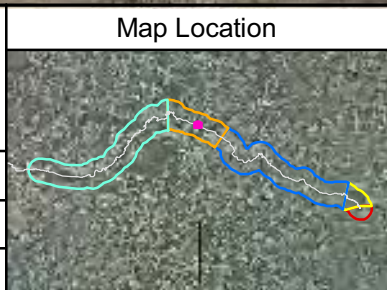


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0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 80 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

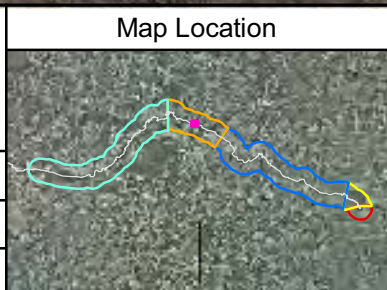


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 81 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

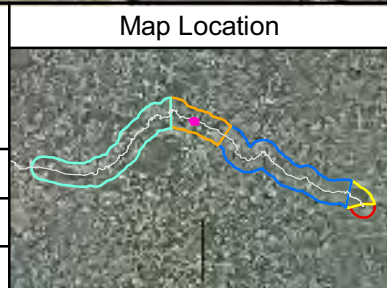


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

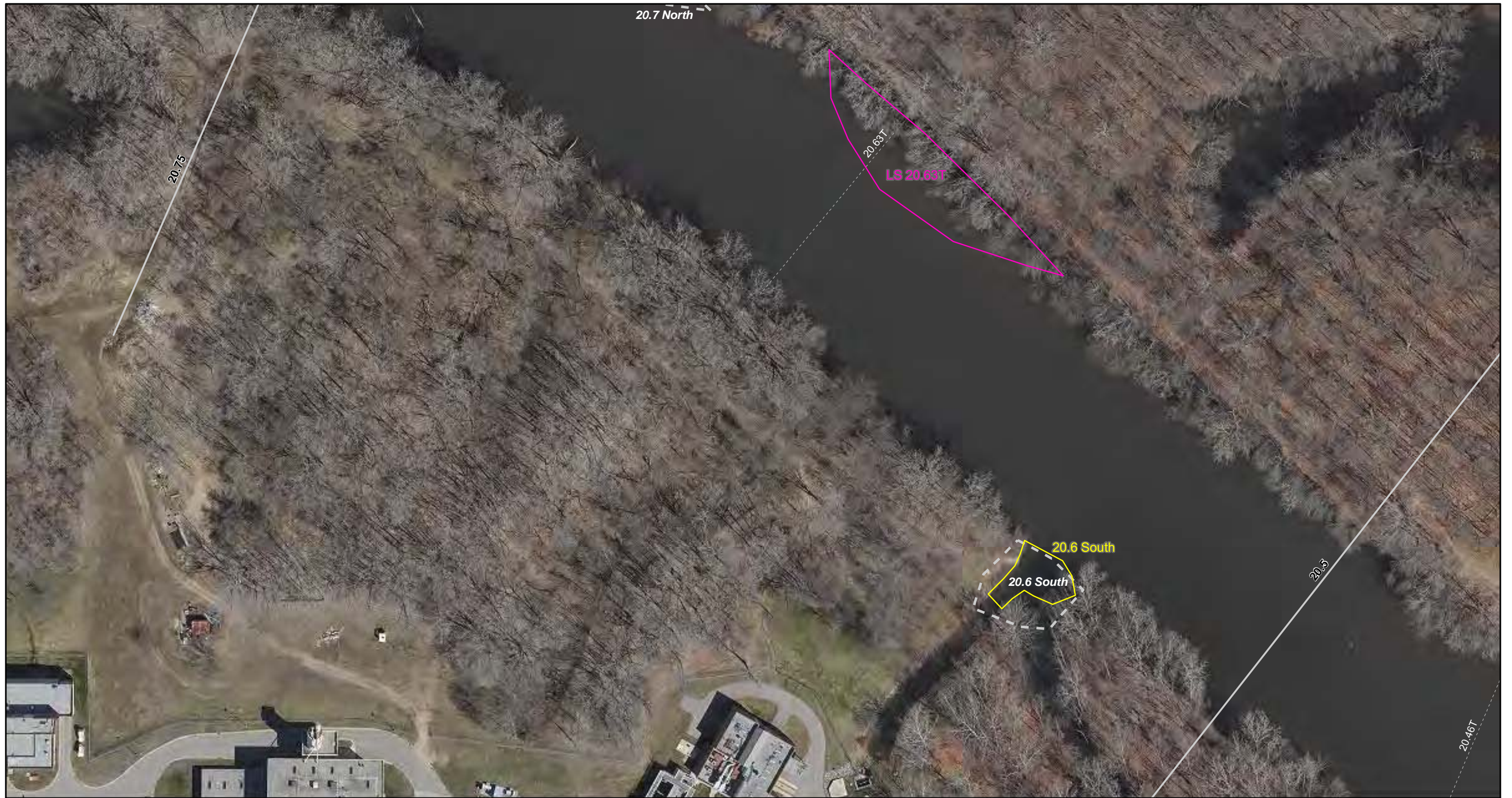
0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 82 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

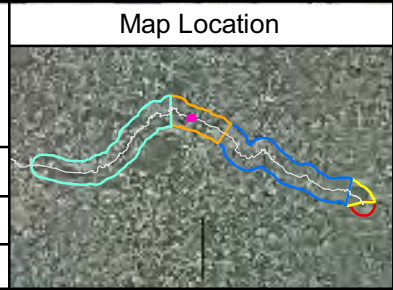


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Other Symbols

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 83 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

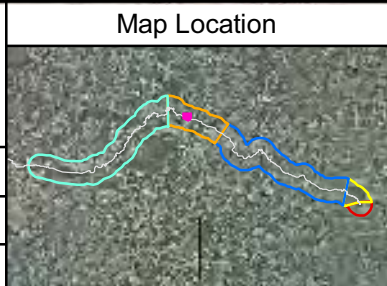


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 84 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

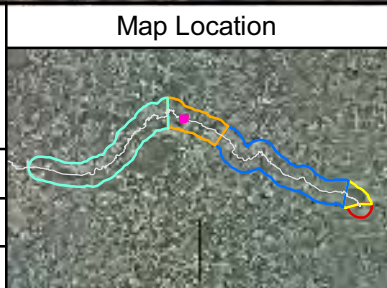


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Other Symbols

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

Scale in Feet: 0, 50, 100, 200

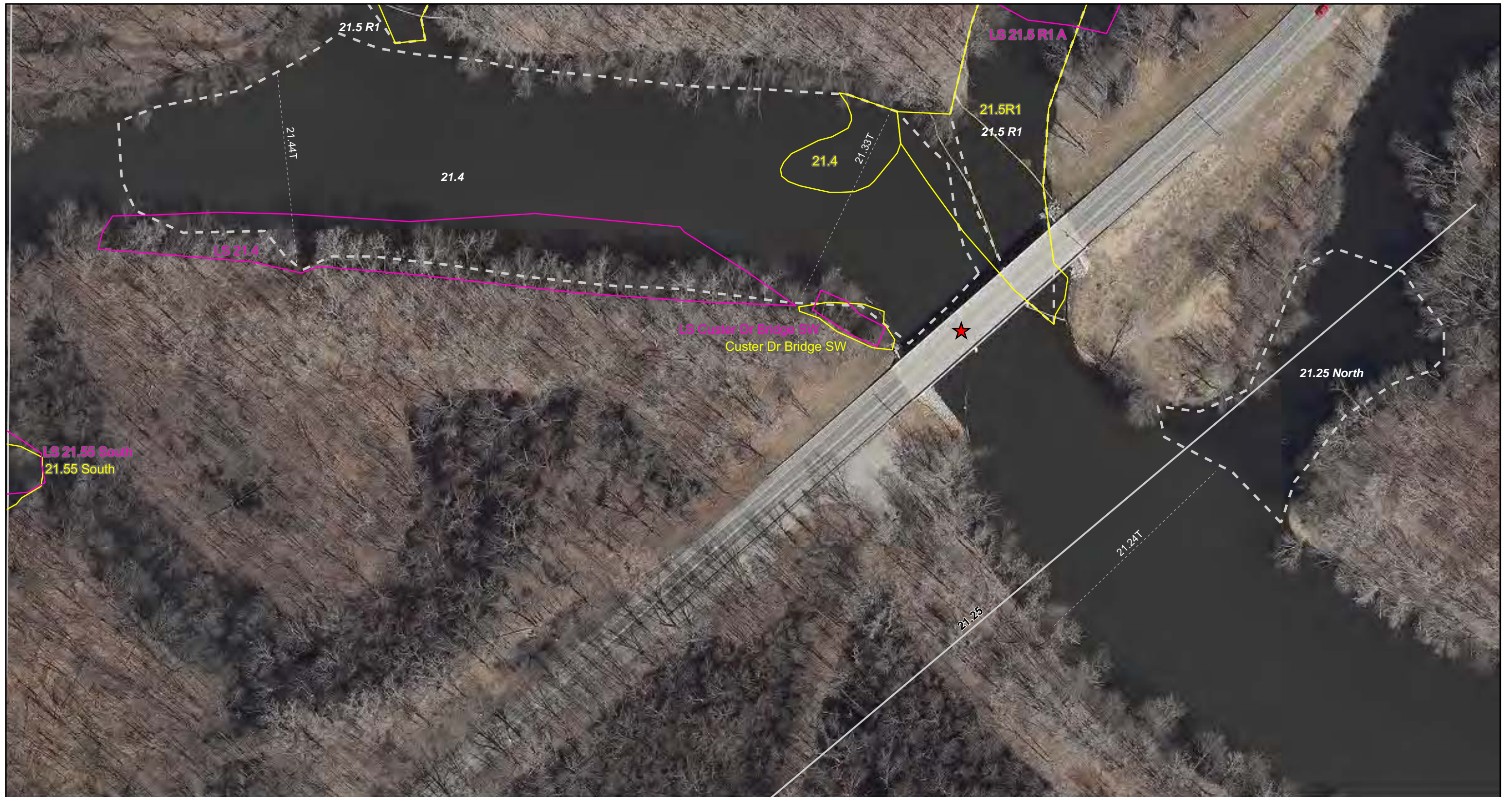
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FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 85 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

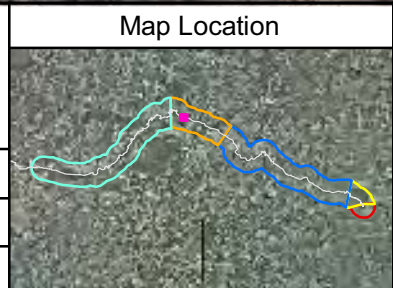


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Spring 2011 Delineation Area	2011 Poling Focus Areas	Additional Poling Focus Areas	2011 transect to be poled in 2012	2011 transect not slated for poling in 2012	Park/Launch Access Poling Areas	Bridge Access Poling Areas	Quarter Mile Grid Segment
Additional 2012 transect poling locations								

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 86 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

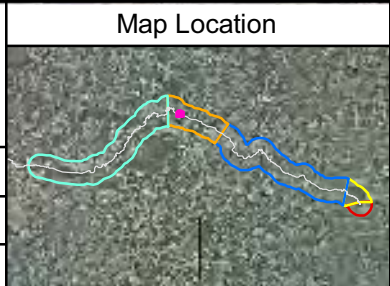


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 87 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP









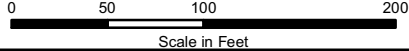
	Map Location	Legend			 Park/Launch Access Poling Areas  Bridge Access Poling Areas  Quarter Mile Grid Segment
					
	Drawn: JLH 12/21/2011	Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas		Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.	 
	Approved: DBR 12/21/2011				
Project #: 106-4186					

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS
 SHEET 88 OF 170
 ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP
 Aerial Photography Date: April 2011

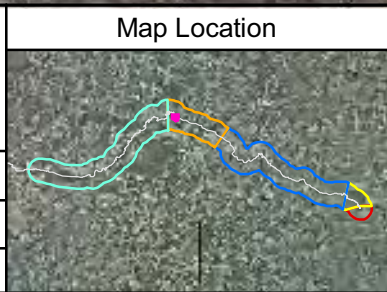


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 89 OF 170

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

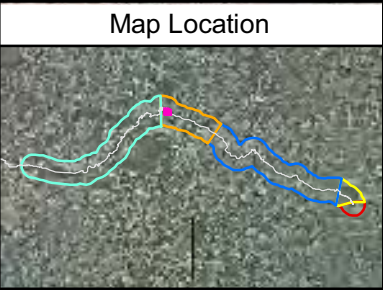


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Park/Launch Access Poling Areas

Bridge Access Poling Areas

Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 90 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP


Aerial Photography Date: April 2011




FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 91 OF 170

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



Map Location







Drawn: JLH 12/21/2011




Approved: DBR 12/21/2011

Project #: 106-4186




Legend

-  November 2011 Delineation Area
-  Spring 2011 Delineation Area
-  2011 Poling Focus Areas
-  Additional Poling Focus Areas

Transects

-  2011 transect to be poled in 2012
-  2011 transect not slated for poling in 2012
-  Additional 2012 transect poling locations

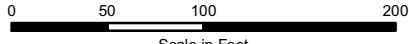

Poling Areas

-  Park/Launch Access Poling Areas
-  Bridge Access Poling Areas
-  Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

Scale in Feet















	<p>Map Location</p> 	<p>Legend</p> <ul style="list-style-type: none">  November 2011 Delineation Area  Spring 2011 Delineation Area  2011 Poling Focus Areas  Additional Poling Focus Areas <p>Transects</p> <ul style="list-style-type: none">  2011 transect to be poled in 2012  2011 transect not slated for poling in 2012  Additional 2012 transect poling locations <ul style="list-style-type: none">  Park/Launch Access Poling Areas  Bridge Access Poling Areas  Quarter Mile Grid Segment <p>Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas</p> <p>Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.</p>
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FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

 SHEET 92 OF 170

 ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP
 Aerial Photography Date: April 2011

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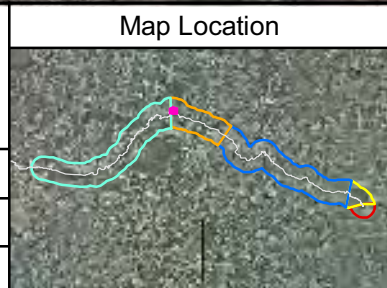


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 93 OF 170

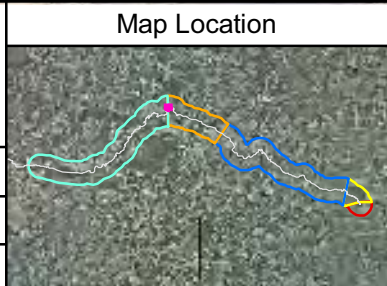
ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



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Drawn: JLH 12/21/2011
 Approved: DBR 12/21/2011
 Project #: 106-4186



Legend

November 2011 Delineation Area	2011 transect to be poled in 2012	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect not slated for poling in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	Additional 2012 transect poling locations	Quarter Mile Grid Segment
Additional Poling Focus Areas		

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

N

FIGURE 2
 2012 POLING FOCUS AREAS & TRANSECTS

SHEET 94 OF 170

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

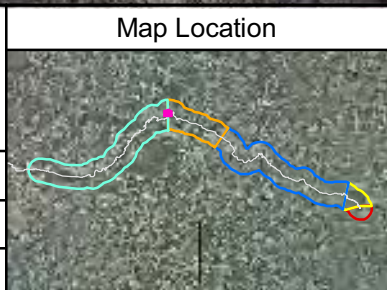


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 95 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



	Map Location		Legend		
			November 2011 Delineation Area Spring 2011 Delineation Area 2011 Poling Focus Areas Additional Poling Focus Areas	Transects 2011 transect to be poled in 2012 2011 transect not slated for poling in 2012 Additional 2012 transect poling locations	Park/Launch Access Poling Areas Bridge Access Poling Areas Quarter Mile Grid Segment
			Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas		
			Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.		
Drawn: JLH 12/21/2011 Approved: DBR 12/21/2011 Project #: 106-4186					

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

 SHEET 96 OF 170

 ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

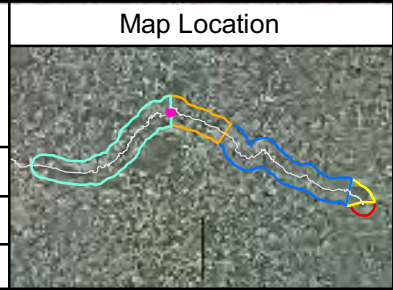


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Drawn: JLH 12/21/2011

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Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

Scale in Feet

FIGURE 2

2012 POLING FOCUS AREAS & TRANSECTS

SHEET 97 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011















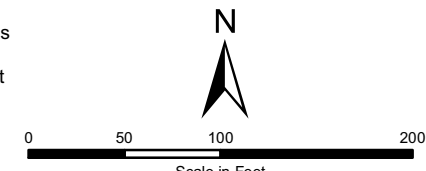
	Map Location	Legend  November 2011 Delineation Area  Spring 2011 Delineation Area  2011 Poling Focus Areas  Additional Poling Focus Areas		Transects  2011 transect to be poled in 2012  2011 transect not slated for poled in 2012  Additional 2012 transect poled locations		 Park/Launch Access Poling Areas  Bridge Access Poling Areas  Quarter Mile Grid Segment	
	Drawn: JLH 12/21/2011 Approved: DBR 12/21/2011 Project #: 106-4186		Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas		Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.		
							

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

 SHEET 98 OF 170

 ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

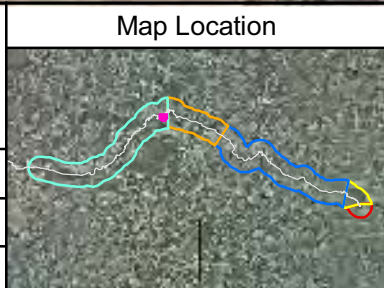


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area (Pink outline)
- Spring 2011 Delineation Area (Yellow outline)
- 2011 Poling Focus Areas (Blue dashed outline)
- Additional Poling Focus Areas (Blue dashed outline)

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012 (Orange line)
- 2011 transect not slated for poling in 2012 (Grey dashed line)
- Additional 2012 transect poling locations (Orange dot)

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas (Yellow star)
- Bridge Access Poling Areas (Red star)
- Quarter Mile Grid Segment (Grey line)

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 99 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

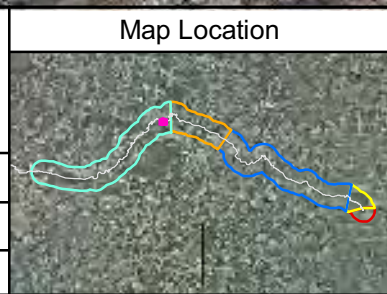


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area (Pink outline)
- Spring 2011 Delineation Area (Yellow outline)
- 2011 Poling Focus Areas (Blue outline)
- Additional Poling Focus Areas (Light blue outline)
- Transects
 - 2011 transect to be poled in 2012 (Solid orange line)
 - 2011 transect not slated for poling in 2012 (Dashed orange line)
 - Additional 2012 transect poling locations (Orange dot)
- Park/Launch Access Poling Areas (Yellow star)
- Bridge Access Poling Areas (Red star)
- Quarter Mile Grid Segment (White line)

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

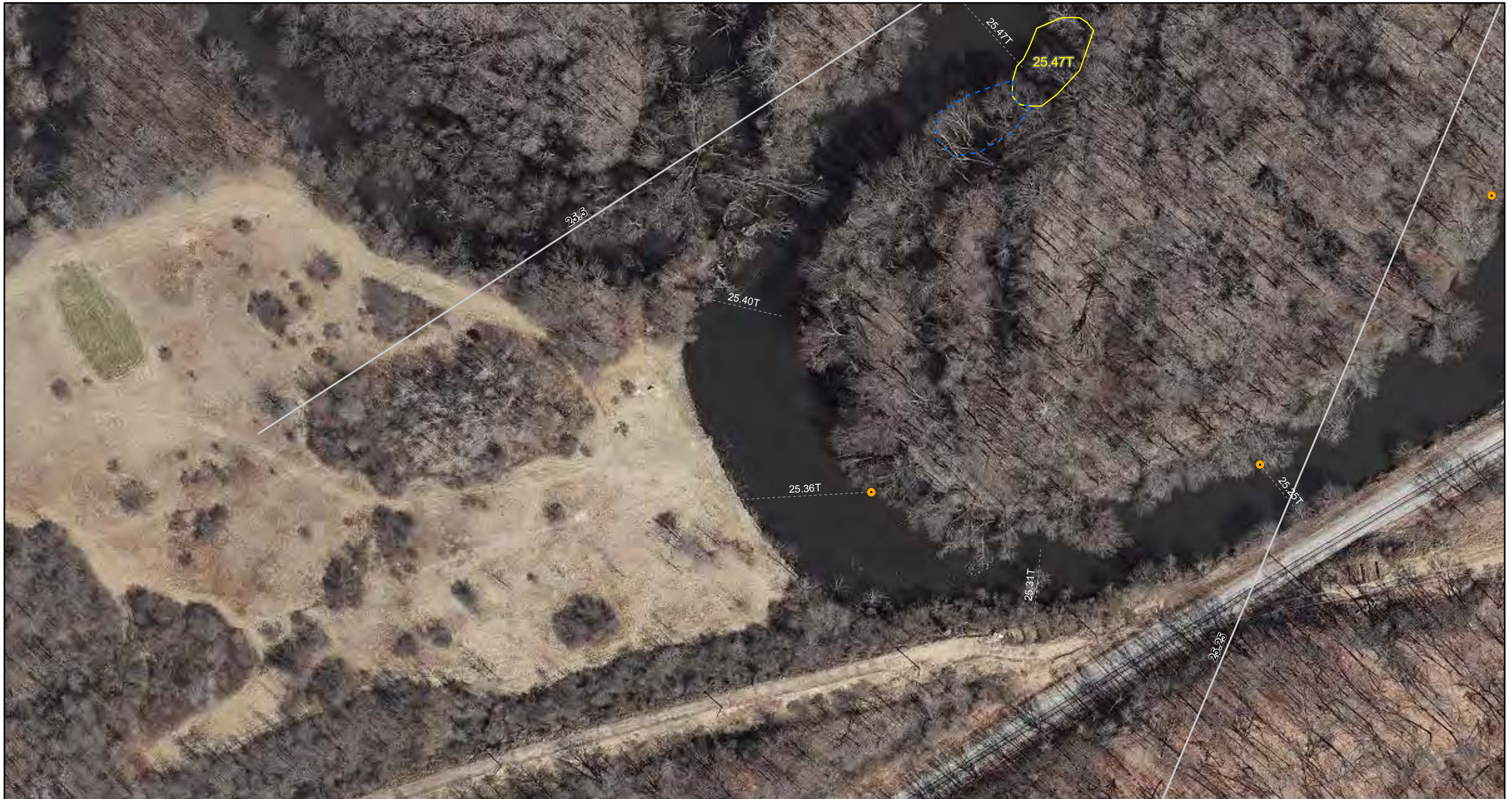
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FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 100 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

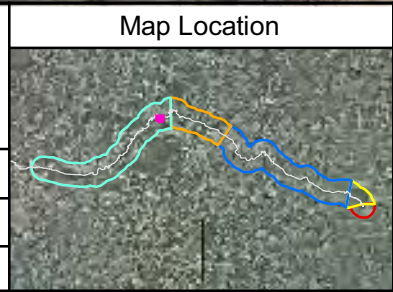


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 101 OF 170

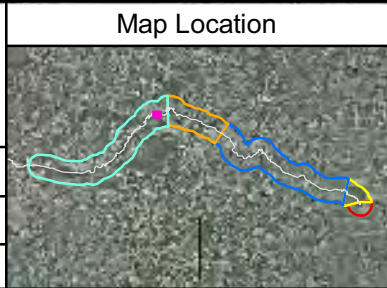
ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



ENBRIDGE

Drawn: JLH 12/21/2011
 Approved: DBR 12/21/2011
 Project #: 106-4186



Legend

<ul style="list-style-type: none"> November 2011 Delineation Area Spring 2011 Delineation Area 2011 Poling Focus Areas Additional Poling Focus Areas 	<p>Transects</p> <ul style="list-style-type: none"> 2011 transect to be poled in 2012 2011 transect not slated for poling in 2012 Additional 2012 transect poling locations 	<ul style="list-style-type: none"> Park/Launch Access Poling Areas Bridge Access Poling Areas Quarter Mile Grid Segment
--	---	---

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

Scale in Feet

FIGURE 2
 2012 POLING FOCUS AREAS & TRANSECTS

SHEET 102 OF 170

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



Map Location



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

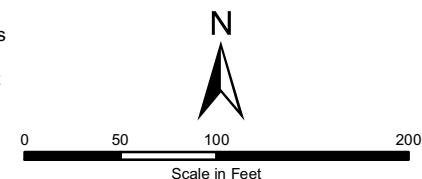
Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

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**FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS**

SHEET 103 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 104 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



Map Location



Legend

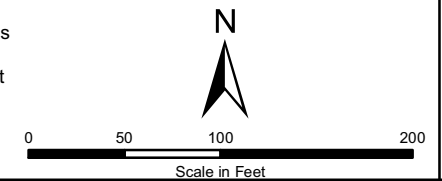
- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

- Transects
- 2011 transect to be poled in 2012
 - 2011 transect not slated for poling in 2012
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- Bridge Access Poling Areas
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	Map Location	Legend		
		November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
		Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
		2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.		

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS
 SHEET 105 OF 170
 ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

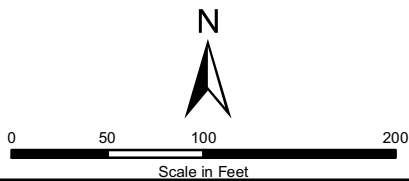




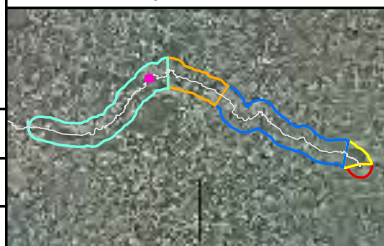
FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 106 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



Map Location



Legend

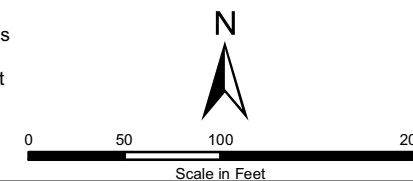
- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

- Transects**
- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
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FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 107 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



Map Location

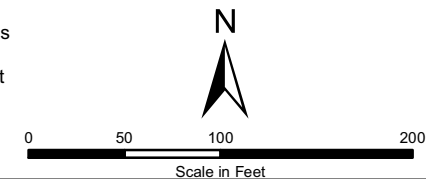


Legend

- | | | |
|--------------------------------|---|---------------------------------|
| November 2011 Delineation Area | Transects | Park/Launch Access Poling Areas |
| Spring 2011 Delineation Area | 2011 transect to be poled in 2012 | Bridge Access Poling Areas |
| 2011 Poling Focus Areas | 2011 transect not slated for poling in 2012 | Quarter Mile Grid Segment |
| Additional Poling Focus Areas | Additional 2012 transect poling locations | |

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

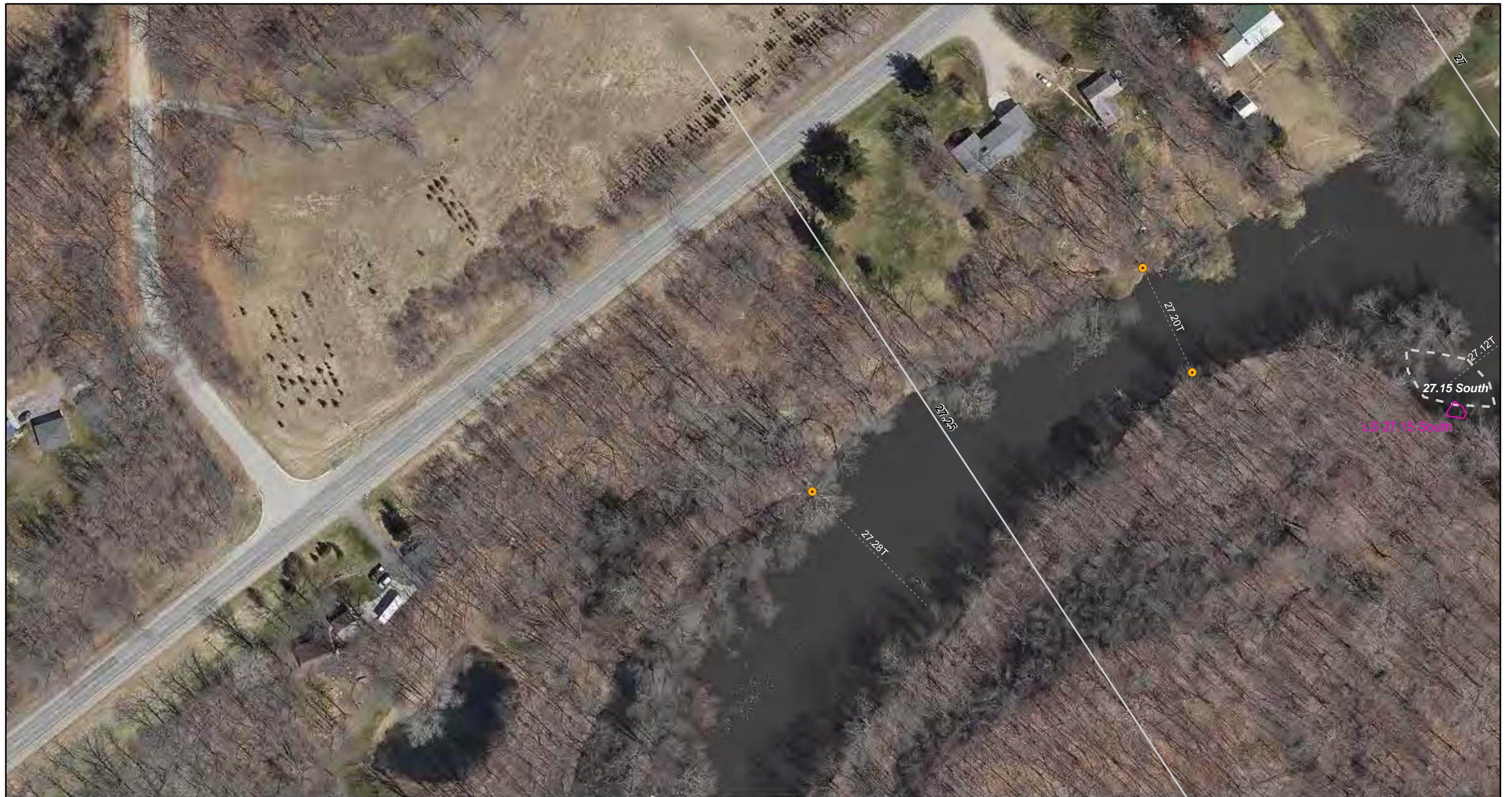
Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.




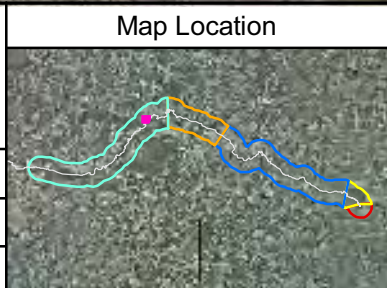
Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186




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 Approved: DBR 12/21/2011
 Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

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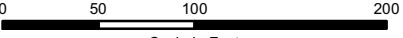


 Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

 SHEET 108 OF 170

 ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



	Map Location		Legend			
		November 2011 Delineation Area Spring 2011 Delineation Area 2011 Poling Focus Areas Additional Poling Focus Areas	Transects 2011 transect to be poled in 2012 2011 transect not slated for poling in 2012 Additional 2012 transect poling locations	Park/Launch Access Poling Areas Bridge Access Poling Areas Quarter Mile Grid Segment		
		Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas		Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.		
		Drawn: JLH 12/21/2011 Approved: DBR 12/21/2011 Project #: 106-4186				

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

 SHEET 109 OF 170

 ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP






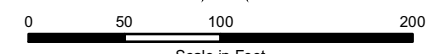
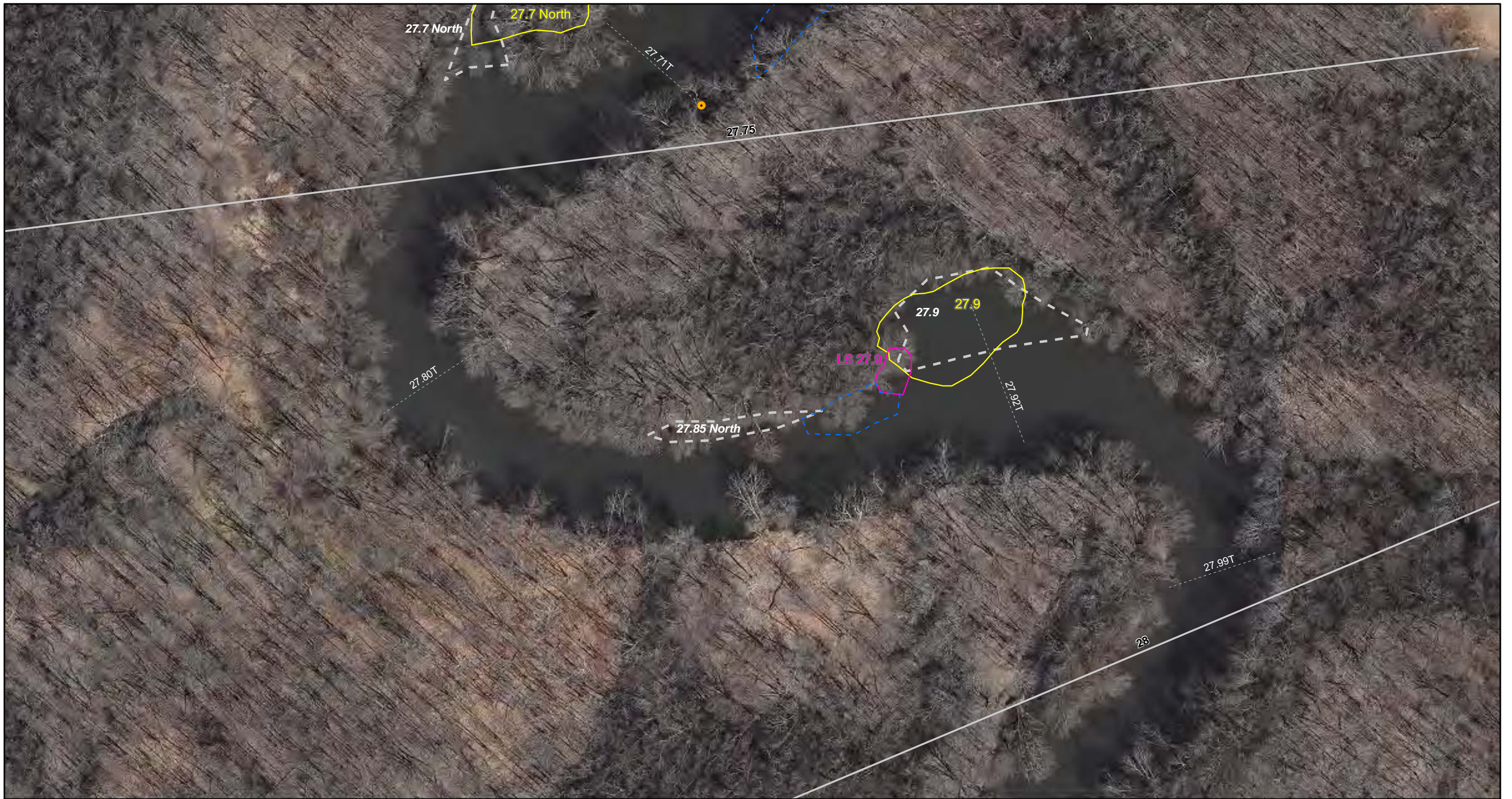
	Map Location 	Legend <ul style="list-style-type: none"> ⬭ November 2011 Delineation Area ⬭ Spring 2011 Delineation Area ⬭ 2011 Poling Focus Areas ⬭ Additional Poling Focus Areas <p>Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas</p>	Transects <ul style="list-style-type: none"> — 2011 transect to be poled in 2012 - - - 2011 transect not slated for poling in 2012 ● Additional 2012 transect poling locations <p>Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.</p>	<ul style="list-style-type: none"> ★ Park/Launch Access Poling Areas ★ Bridge Access Poling Areas — Quarter Mile Grid Segment 	 
	ENBRIDGE Drawn: JLH 12/21/2011 Approved: DBR 12/21/2011 Project #: 106-4186				

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

 SHEET 110 OF 170

 ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

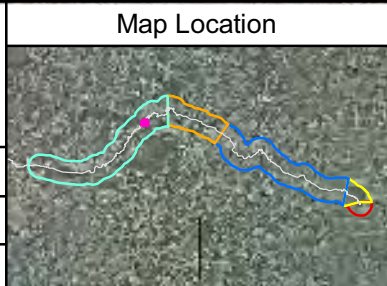


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Drawn: JLH 12/21/2011

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Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
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0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 111 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



Map Location



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
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- Quarter Mile Grid Segment

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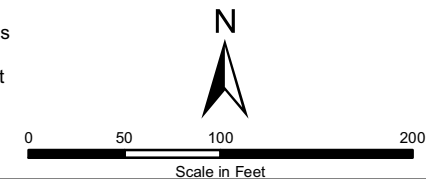


FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 112 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas
- Transects
- 2011 transect to be poled in 2012
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0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 113 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

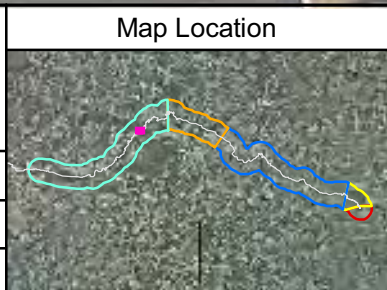


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	Additional Poling Focus Areas	Additional 2012 transect poling locations	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment	

Transects

- 2011 transect to be poled in 2012
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Scale in Feet: 0, 50, 100, 200

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 114 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

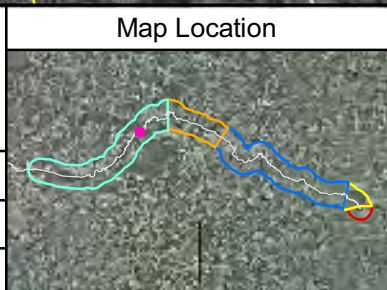


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Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 115 OF 170

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

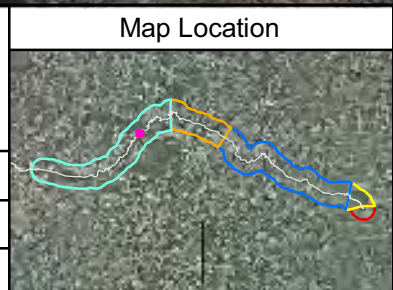


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Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Spring 2011 Delineation Area	2011 Poling Focus Areas	Additional Poling Focus Areas
2011 transect to be poled in 2012	2011 transect not slated for poling in 2012	Additional 2012 transect poling locations	Park/Launch Access Poling Areas
Bridge Access Poling Areas	Quarter Mile Grid Segment		

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0 50 100 200
Scale in Feet

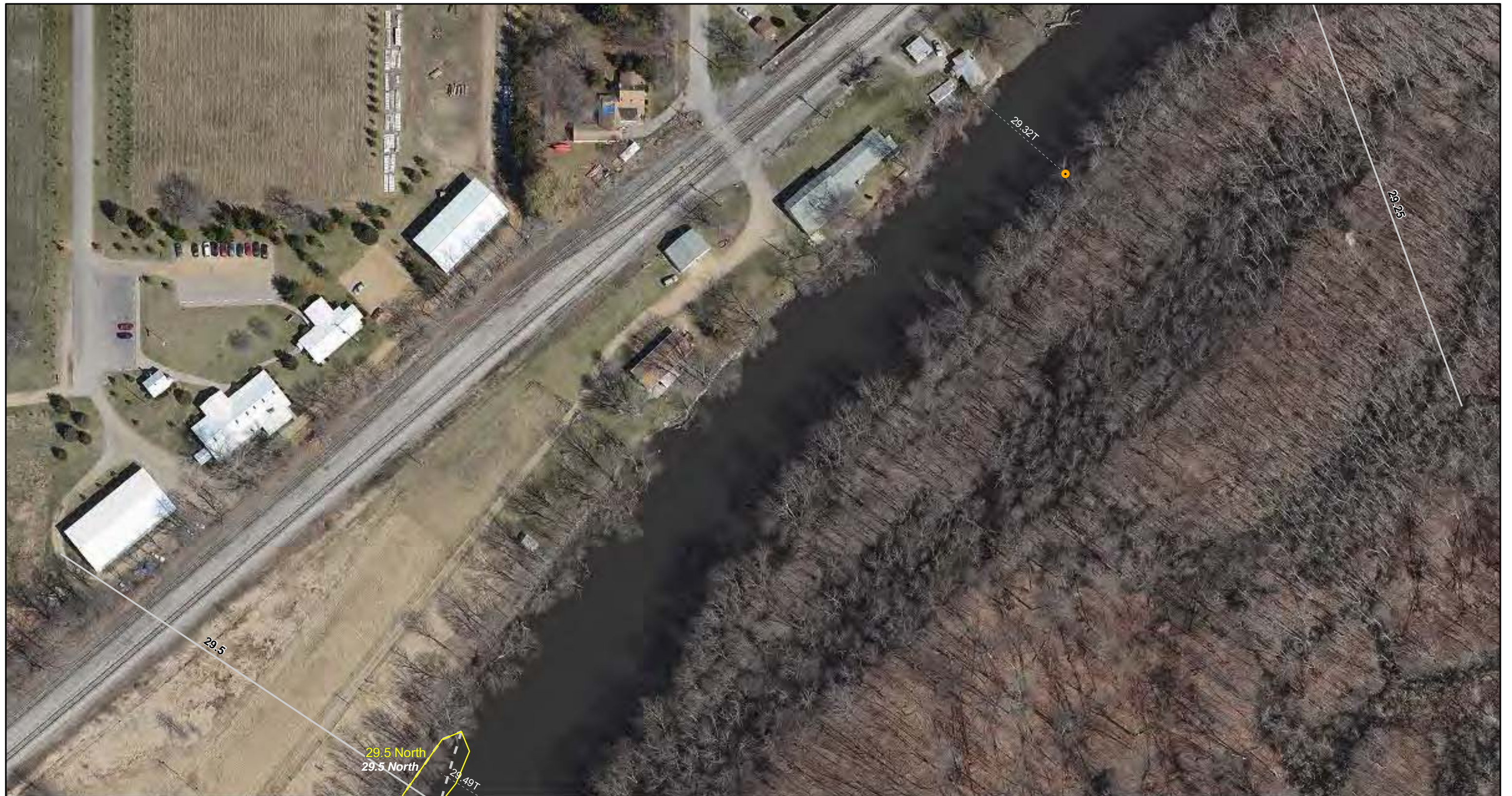
N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 116 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

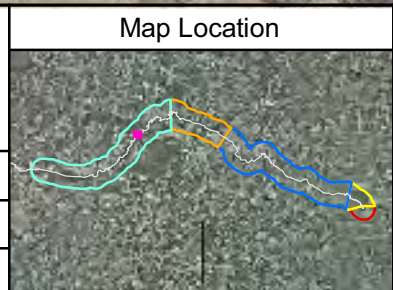


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Drawn: JLH 12/21/2011

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Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
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0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 117 OF 170

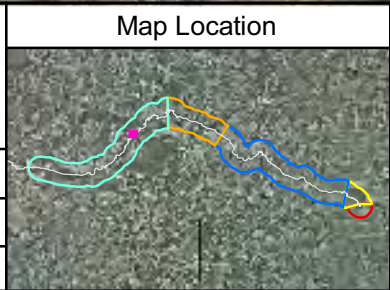
ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



ENBRIDGE

Drawn: JLH 12/21/2011
 Approved: DBR 12/21/2011
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Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas
- Transects
- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations
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- Bridge Access Poling Areas
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0 50 100 200
Scale in Feet

N

FIGURE 2
 2012 POLING FOCUS AREAS & TRANSECTS

SHEET 118 OF 170

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

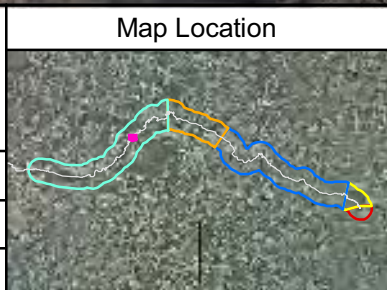


ENBRIDGE

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Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
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0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 119 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

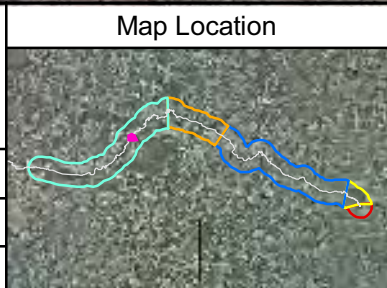


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Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
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0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 120 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

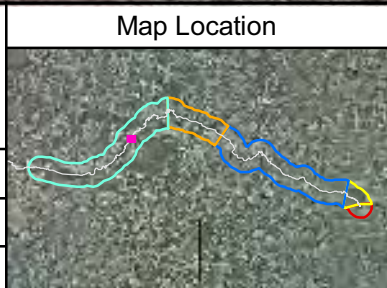


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Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

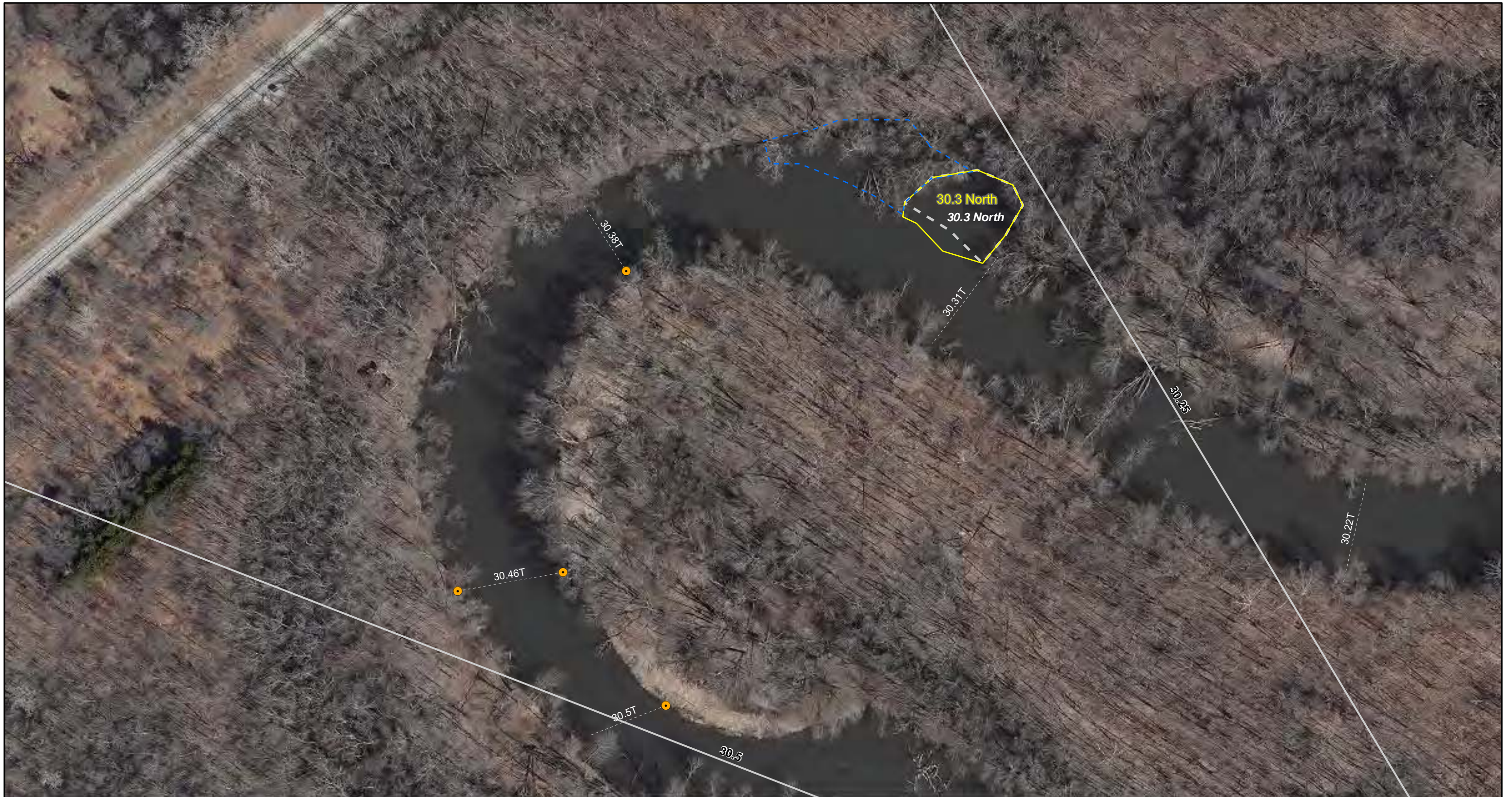
Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 121 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



	Map Location 		Legend			
	<ul style="list-style-type: none"> November 2011 Delineation Area Spring 2011 Delineation Area 2011 Poling Focus Areas Additional Poling Focus Areas 	Transects <ul style="list-style-type: none"> 2011 transect to be poled in 2012 2011 transect not slated for poling in 2012 Additional 2012 transect poling locations 	<ul style="list-style-type: none"> Park/Launch Access Poling Areas Bridge Access Poling Areas Quarter Mile Grid Segment 	<p>Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas</p> <p>Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.</p>		
	Drawn: JLH 12/21/2011					
	Approved: DBR 12/21/2011					

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

 SHEET 122 OF 170

 ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

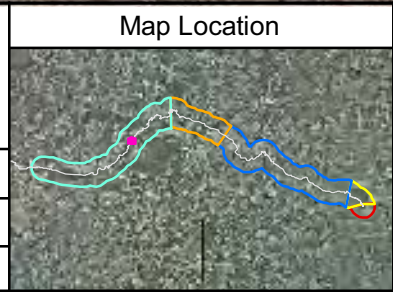


ENBRIDGE

Drawn: JLH 12/21/2011

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Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Other Symbols

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

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0 50 100 200
Scale in Feet

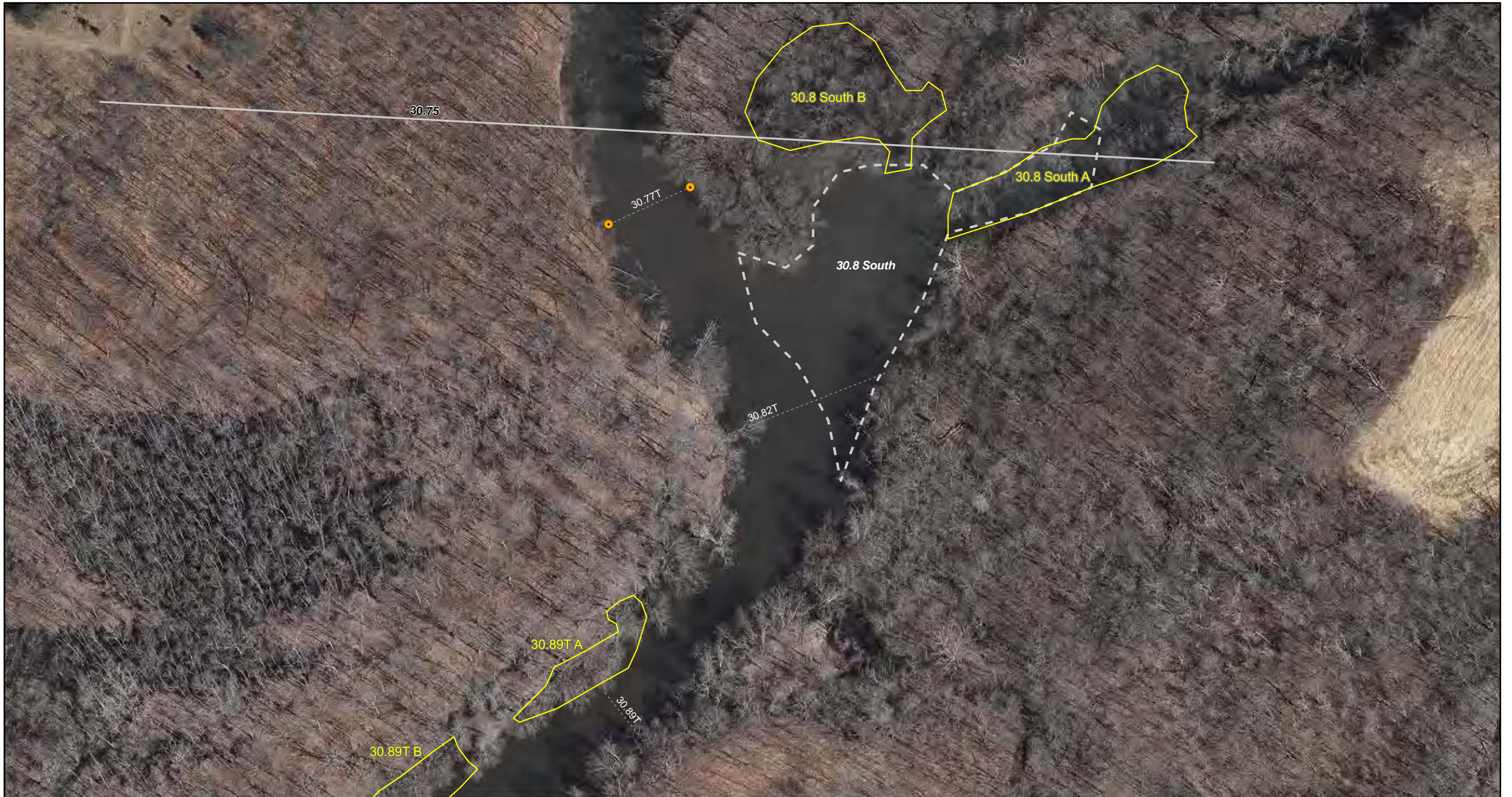
N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 123 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

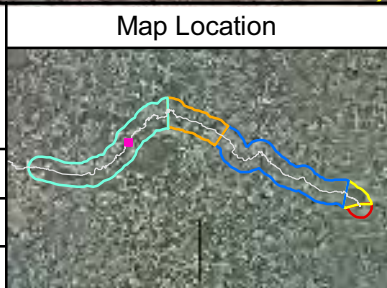


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Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 124 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

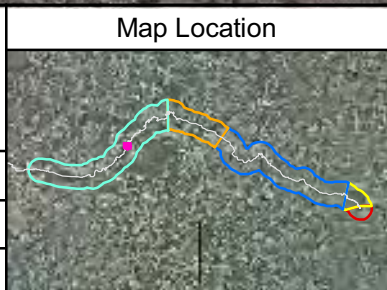


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
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Scale in Feet: 0, 50, 100, 200

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 125 OF 170

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

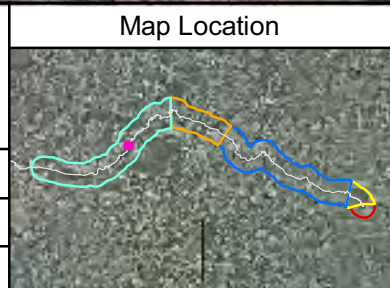


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 126 OF 170

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

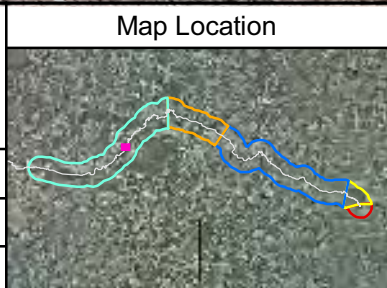


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

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Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 127 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

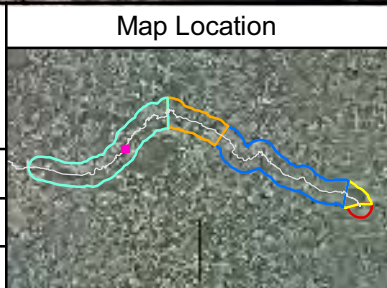


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
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0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 128 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

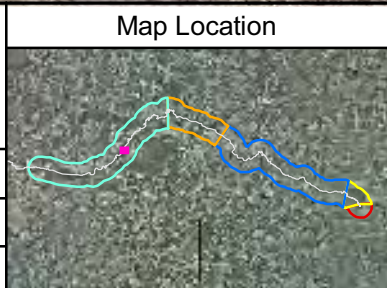


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
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0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 129 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

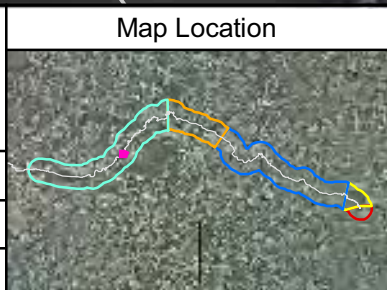


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
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Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 130 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

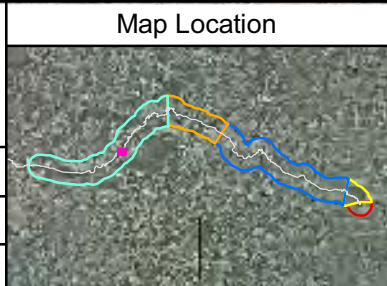


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
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- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 131 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

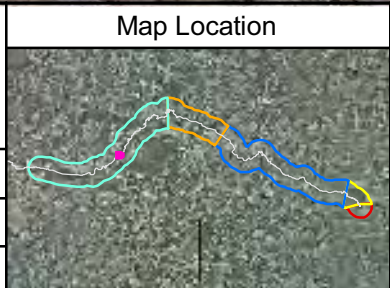


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
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Scale in Feet

FIGURE 2

2012 POLING FOCUS AREAS & TRANSECTS

SHEET 132 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

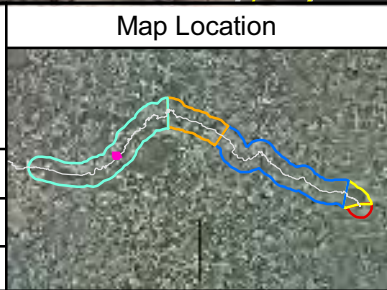


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	2011 transect to be poled in 2012	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect not slated for poling in 2012	Bridge Access Poling Areas
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Additional Poling Focus Areas		

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Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

FIGURE 2

2012 POLING FOCUS AREAS & TRANSECTS

SHEET 133 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



Map Location



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

- Transects**
- 2011 transect to be poled in 2012
 - 2011 transect not slated for poling in 2012
 - Additional 2012 transect poling locations

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

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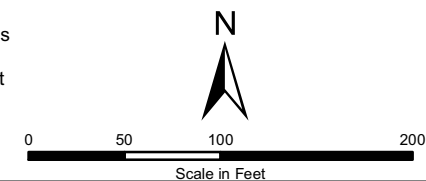


FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 134 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

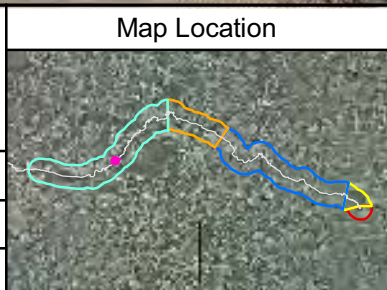


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Spring 2011 Delineation Area	2011 Poling Focus Areas	Additional Poling Focus Areas	Transects	Park/Launch Access Poling Areas
				2011 transect to be poled in 2012	Bridge Access Poling Areas
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0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 135 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

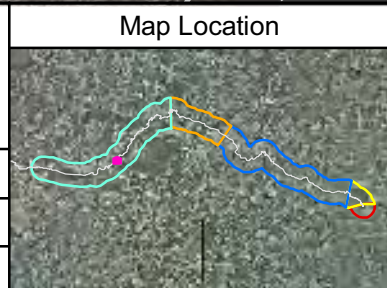


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Drawn: JLH 12/21/2011

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Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
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Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 136 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

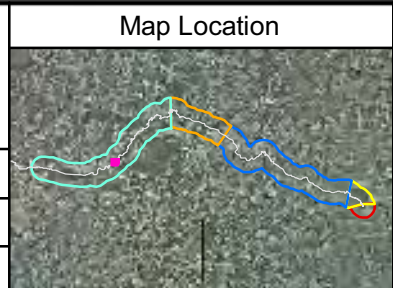


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
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0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 137 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

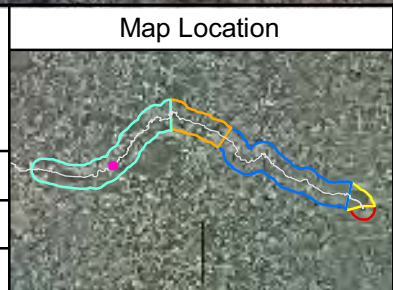


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
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Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 138 OF 170

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 139 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



Map Location



Legend

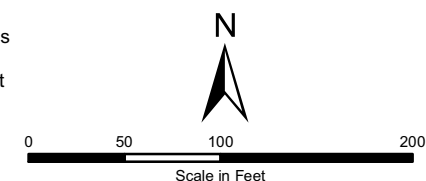
- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

- Transects
- 2011 transect to be poled in 2012
 - 2011 transect not slated for poling in 2012
 - Additional 2012 transect poling locations

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

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Drawn: JLH 12/21/2011

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FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 140 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



Map Location

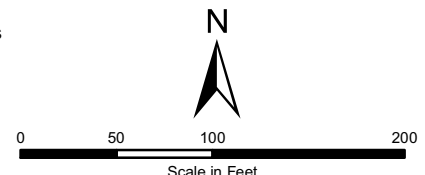


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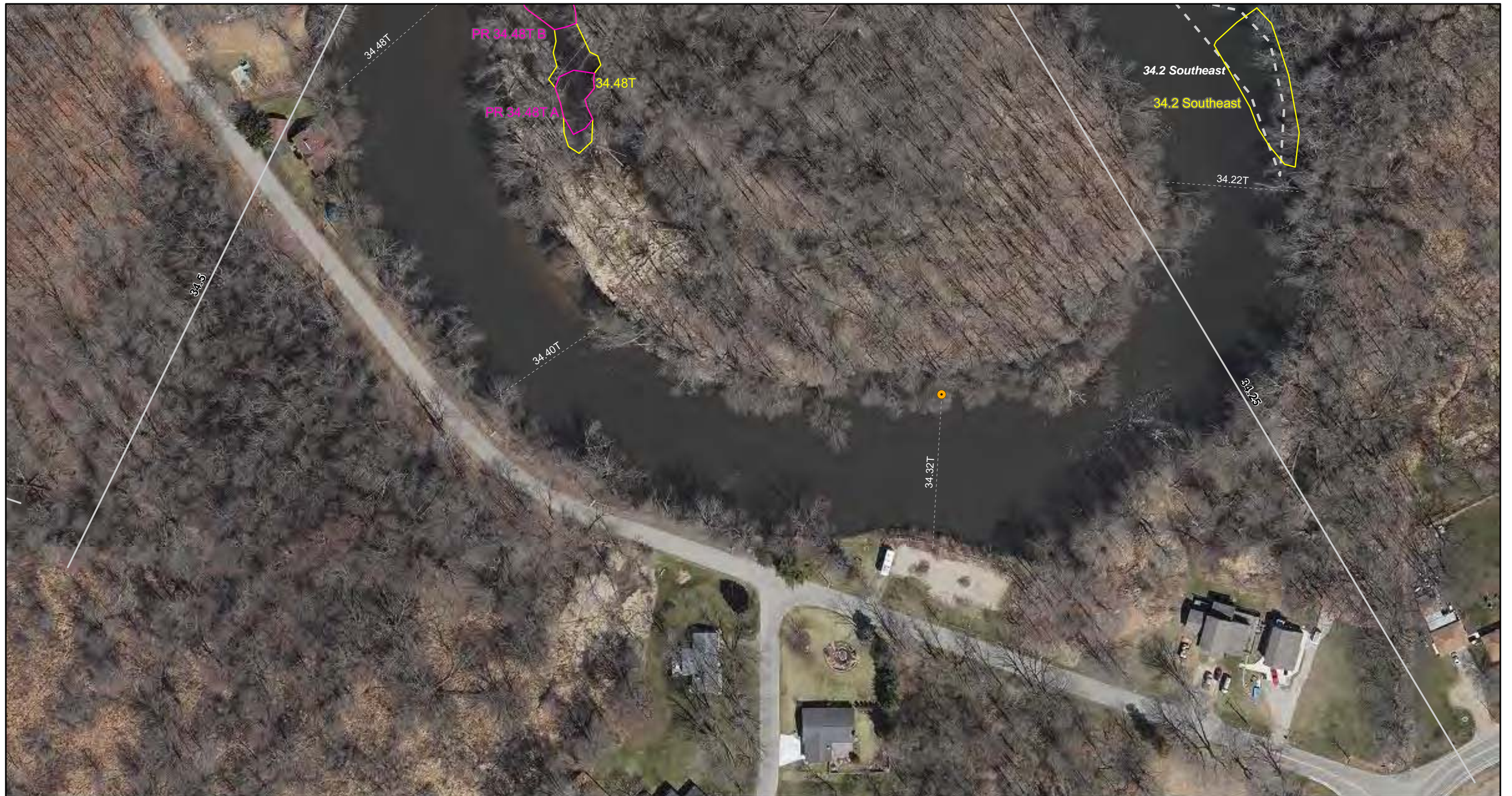
- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas
- Transects
- 2011 transect not slated for poled in 2012
- Additional 2012 transect poled locations
- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

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Drawn: JLH 12/21/2011
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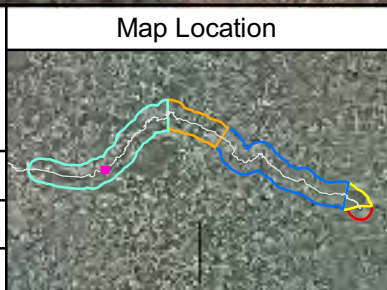


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
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0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 141 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

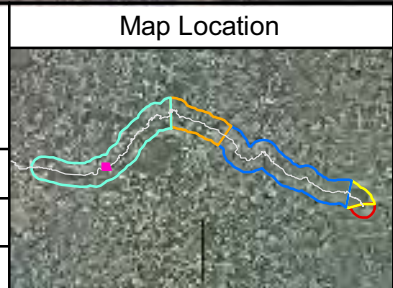


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N

Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 142 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

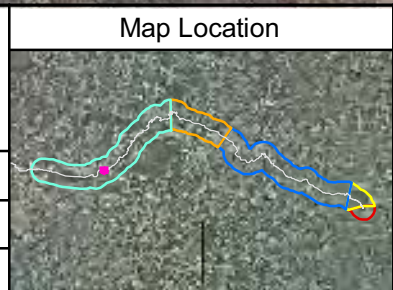


ENBRIDGE

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Legend

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Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 143 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

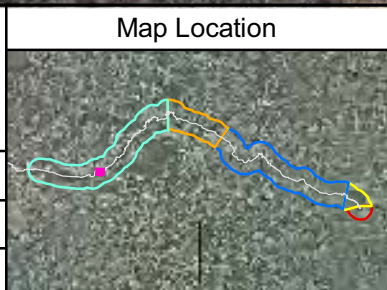


ENBRIDGE

Drawn: JLH 12/21/2011

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Project #: 106-4186



Legend

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FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 144 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

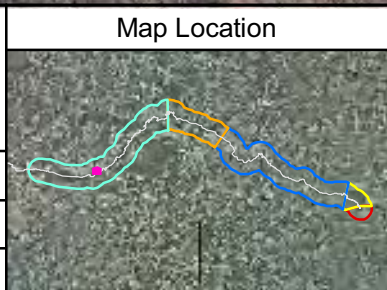


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
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Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

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Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 145 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

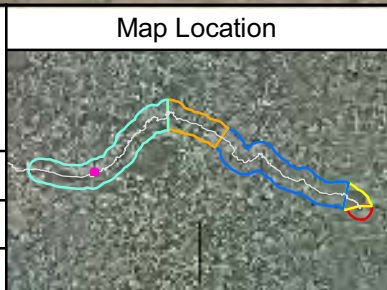


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

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- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

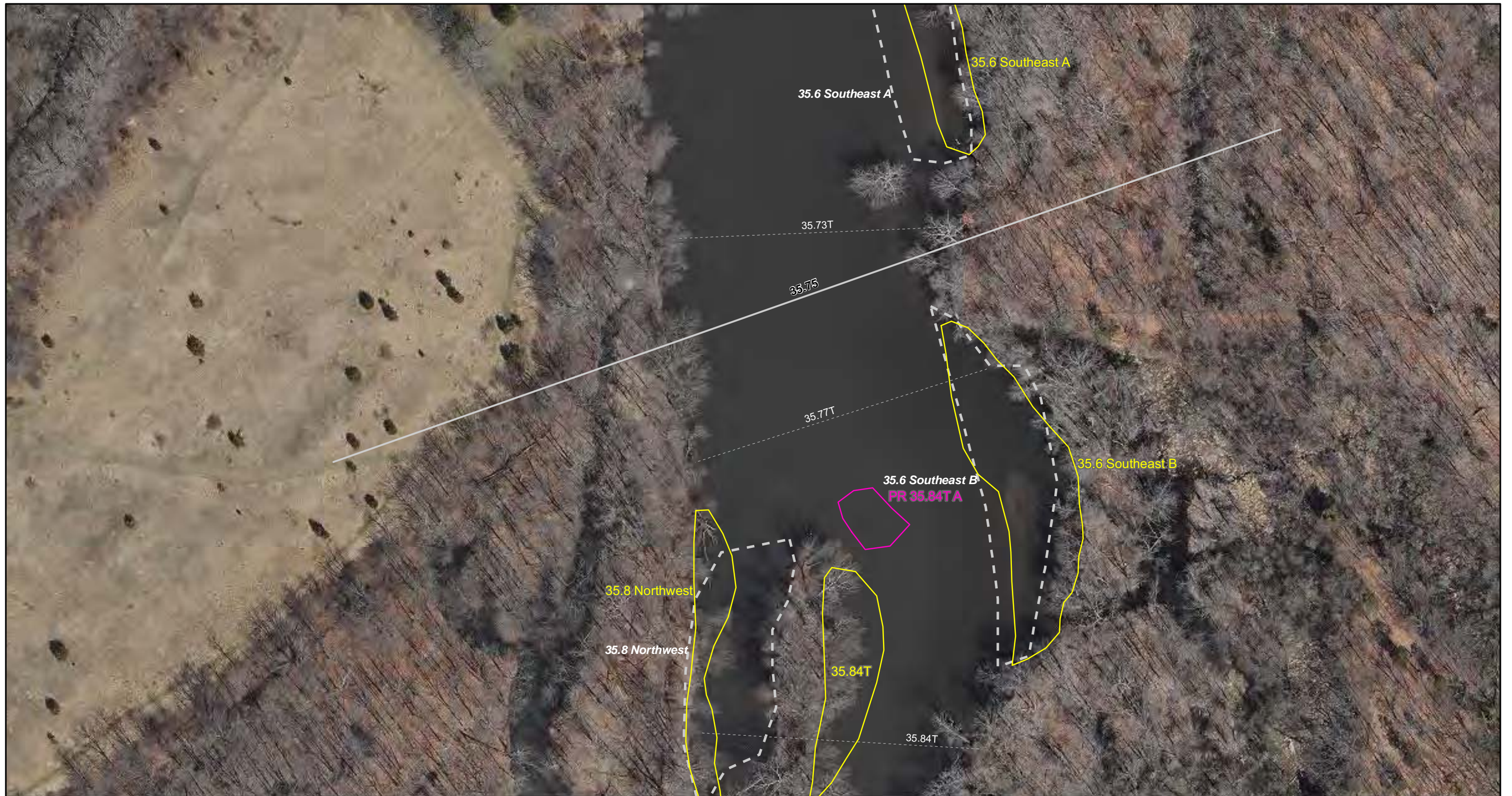
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FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

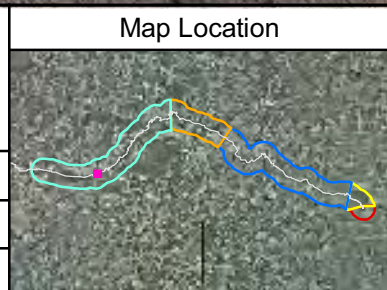
SHEET 146 OF 170

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011




 Drawn: JLH 12/21/2011
 Approved: DBR 12/21/2011
 Project #: 106-4186



Legend

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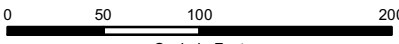



FIGURE 2
 2012 POLING FOCUS AREAS & TRANSECTS

 SHEET 147 OF 170

 ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP
Aerial Photography Date: April 2011

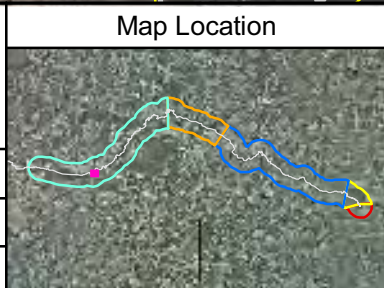


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 148 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

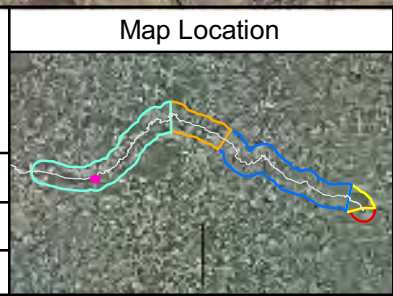


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

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Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

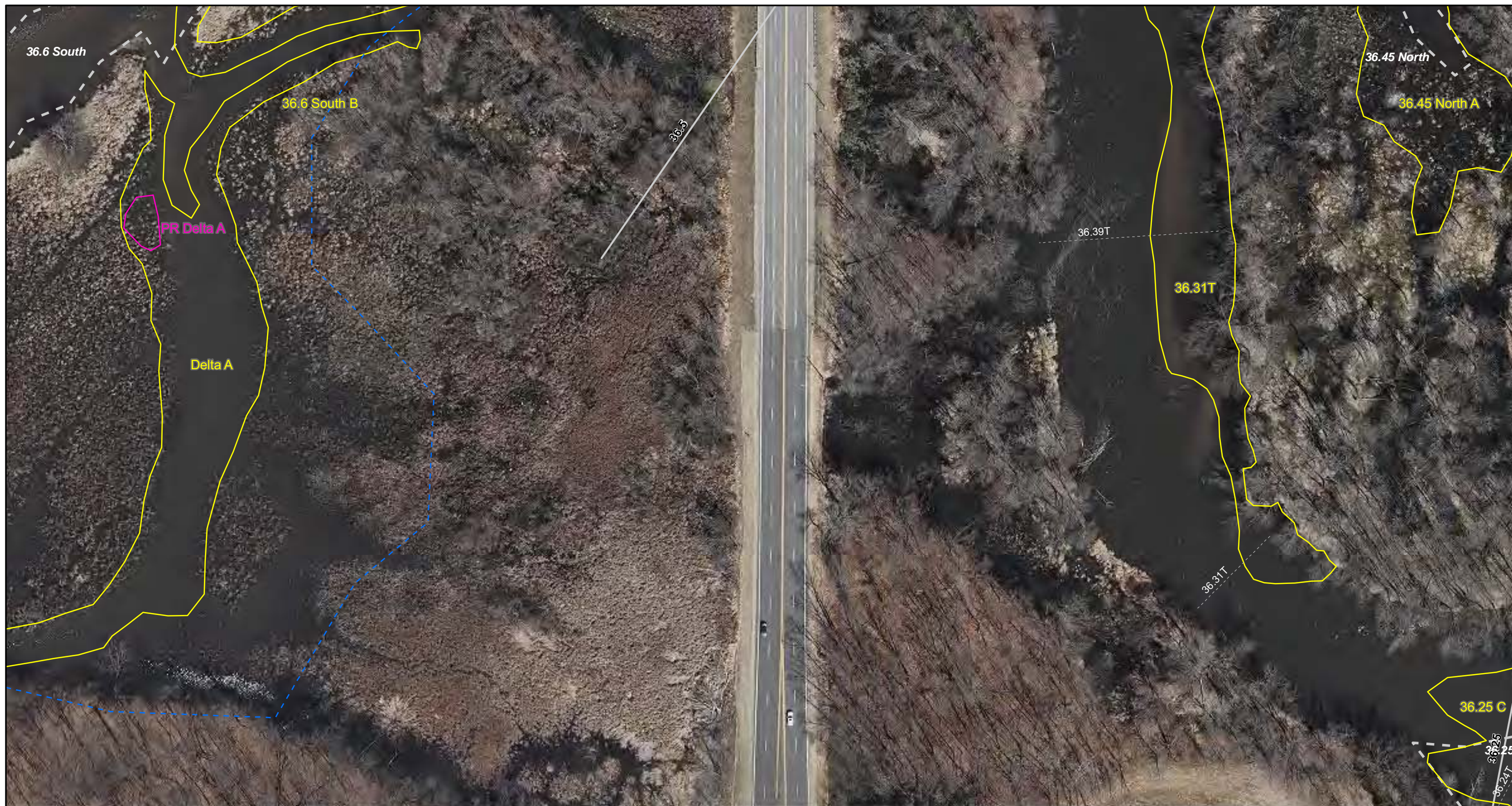
N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 149 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

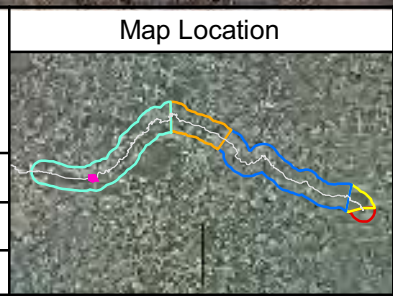


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	2011 transect to be poled in 2012	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect not slated for poling in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	Additional 2012 transect poling locations	Quarter Mile Grid Segment
Additional Poling Focus Areas		

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 150 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

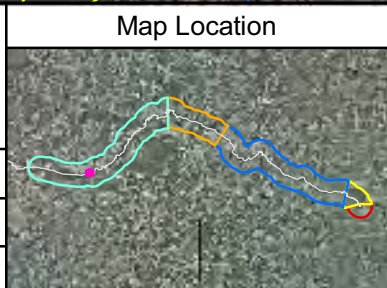


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0, 50, 100, 200

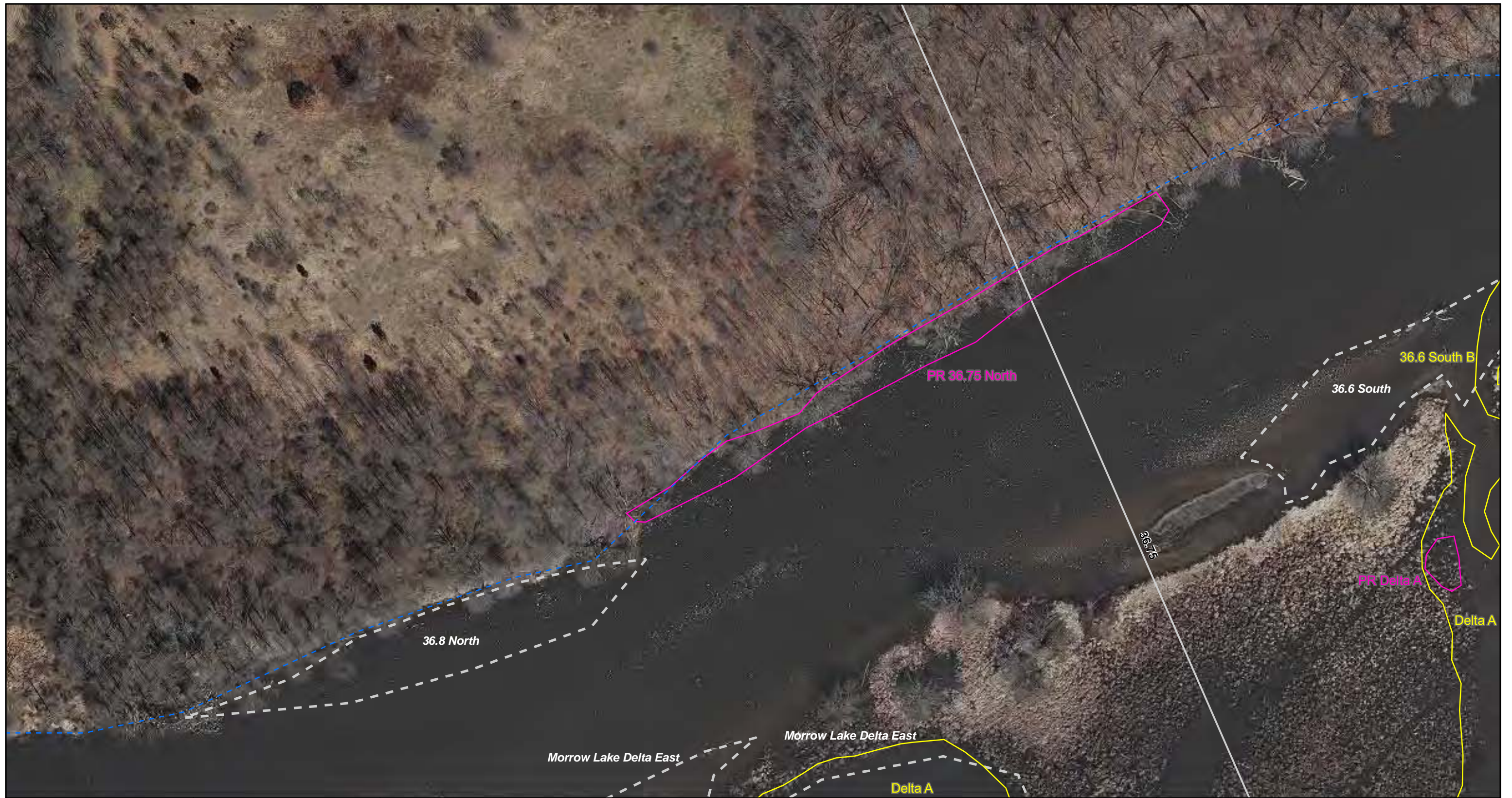
N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 151 OF 170

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

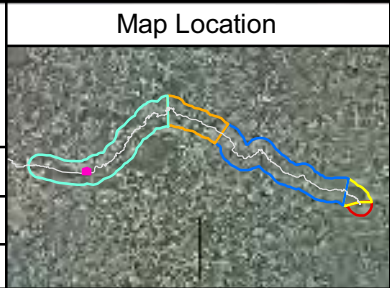


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
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Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

Scale in Feet

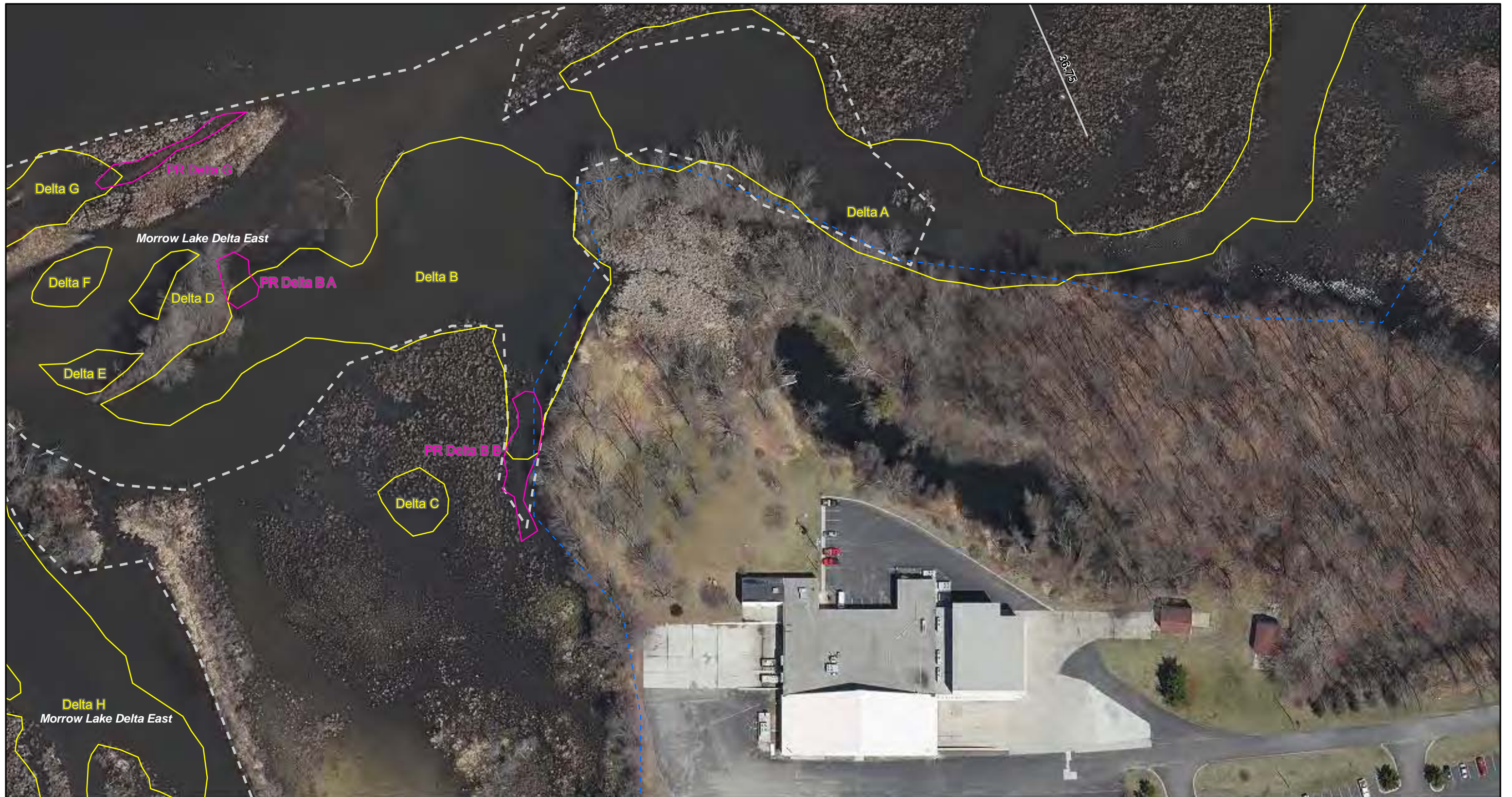
0 50 100 200

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 152 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

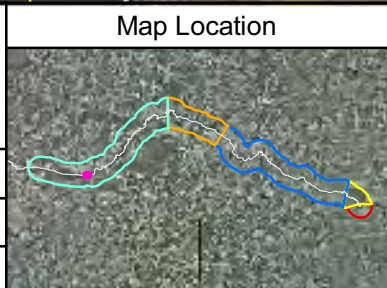


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
- Additional 2012 transect poling locations

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

Scale in Feet: 0 50 100 200

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 153 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

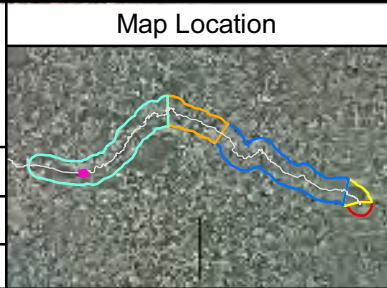


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
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Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 154 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

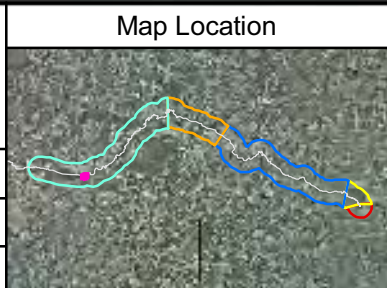


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Spring 2011 Delineation Area	2011 Poling Focus Areas	Additional Poling Focus Areas	Transects	2011 transect to be poled in 2012	2011 transect not slated for poling in 2012	Additional 2012 transect poling locations	Park/Launch Access Poling Areas	Bridge Access Poling Areas	Quarter Mile Grid Segment
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Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 155 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

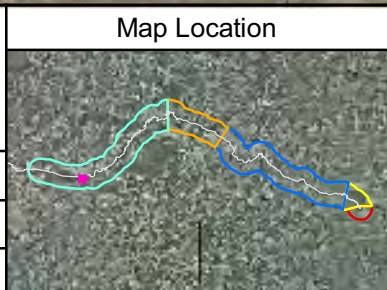


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	2011 transect to be poled in 2012	Park/Launch Access Poling Areas
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2011 Poling Focus Areas	Additional 2012 transect poling locations	Quarter Mile Grid Segment
Additional Poling Focus Areas		

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0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 156 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

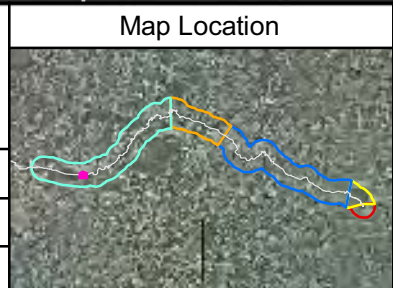


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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
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0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 157 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

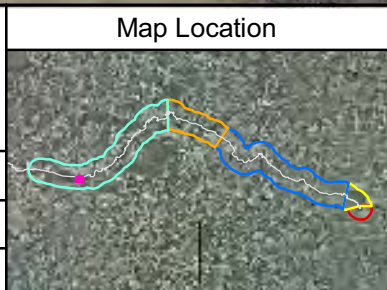


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Spring 2011 Delineation Area	2011 Poling Focus Areas	Additional Poling Focus Areas	Transects	Park/Launch Access Poling Areas
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					Quarter Mile Grid Segment

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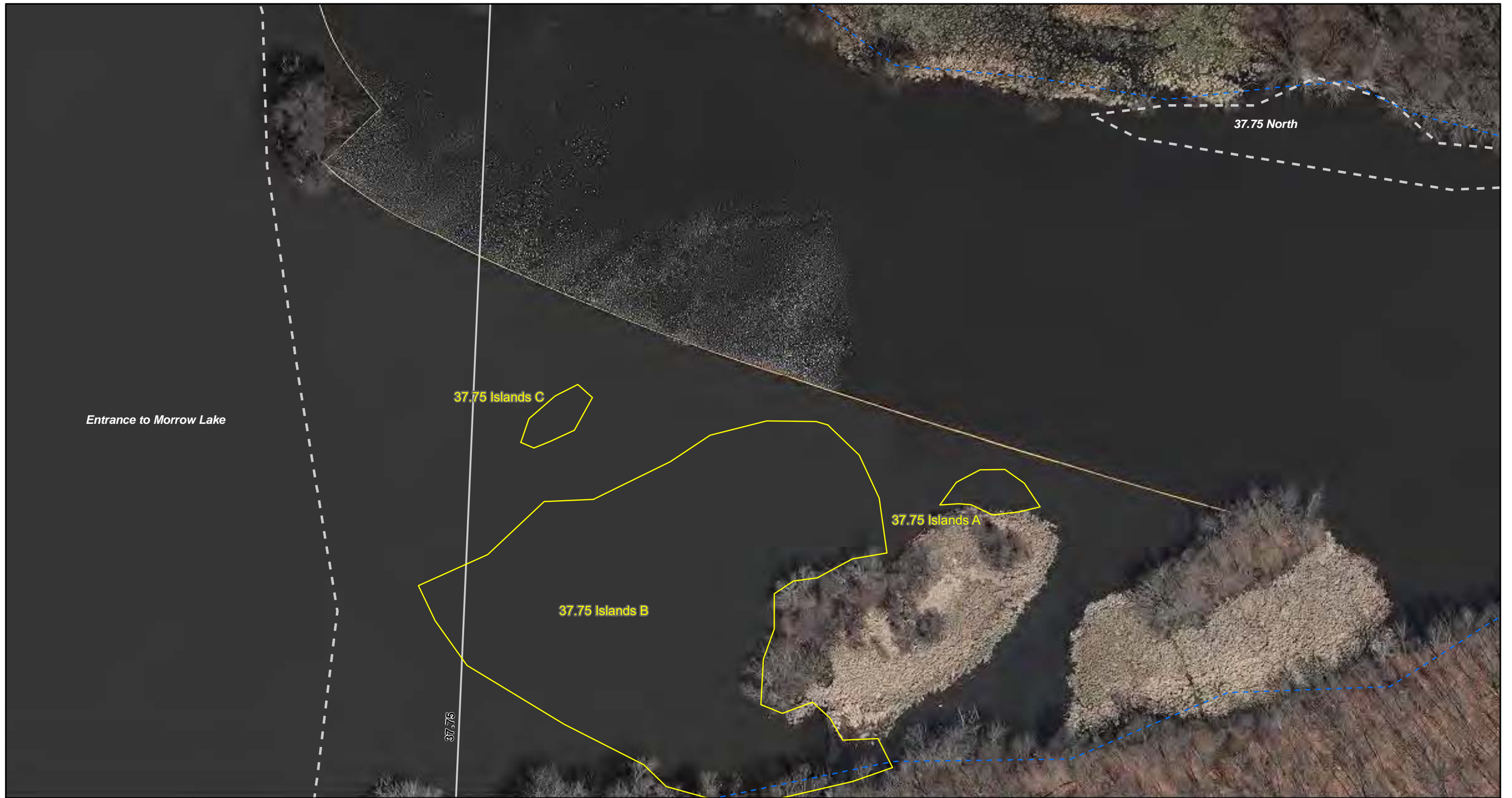
0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 158 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

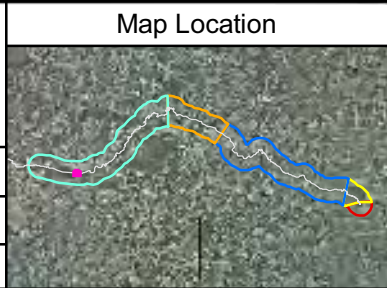


ENBRIDGE

Drawn: JLH 12/21/2011

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Project #: 106-4186



Legend

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0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 159 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

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0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 160 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



Entrance to Morrow Lake

33

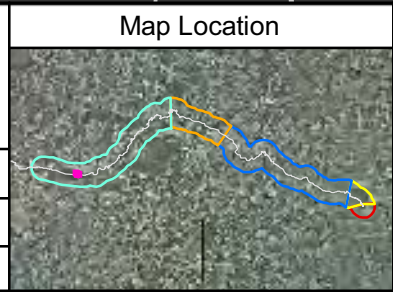


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

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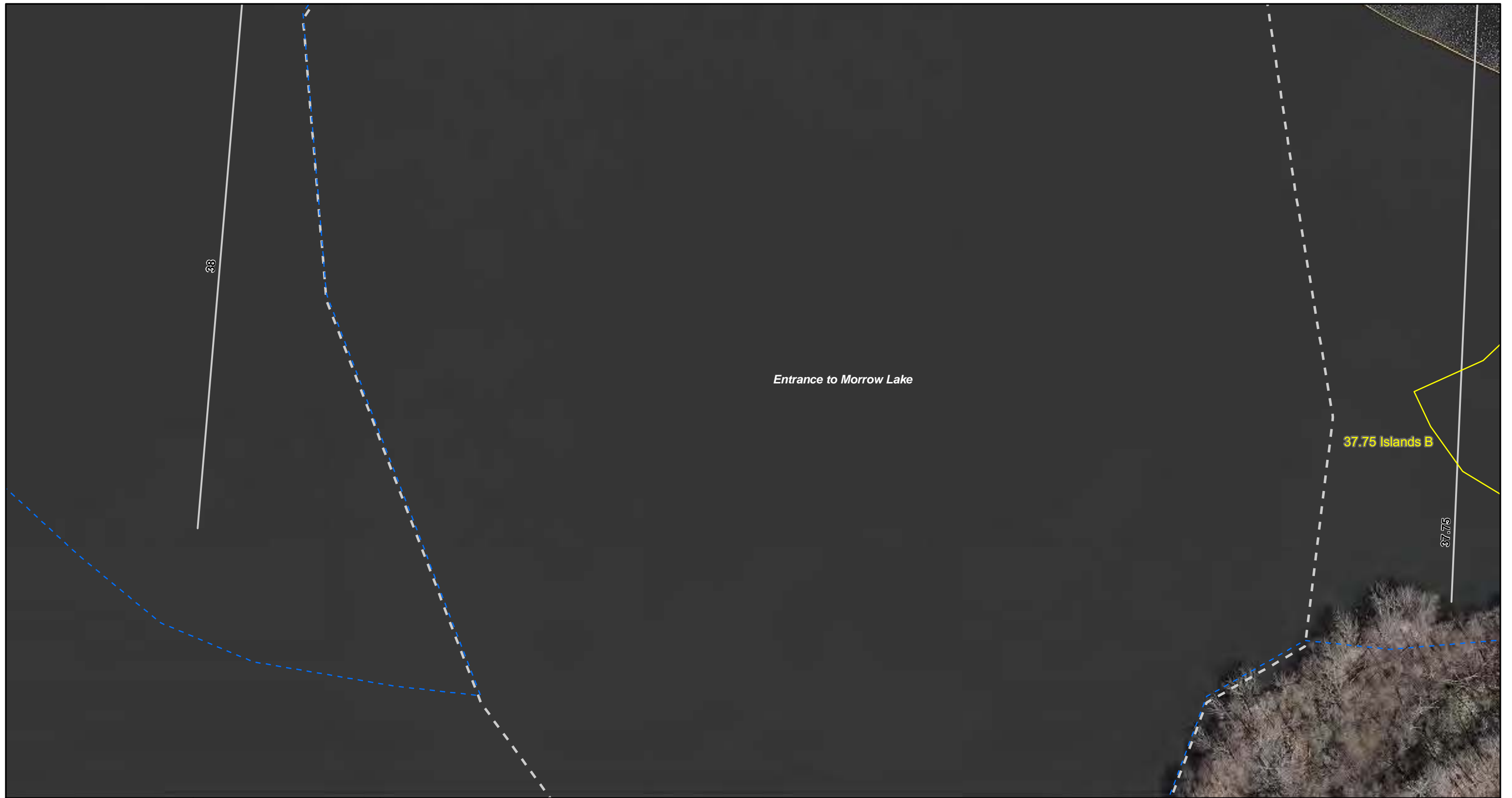
Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 161 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

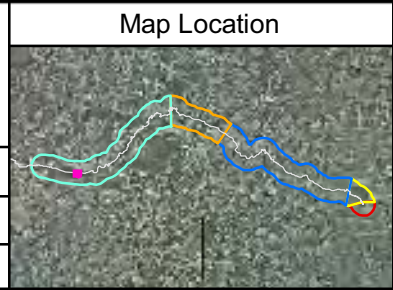


ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

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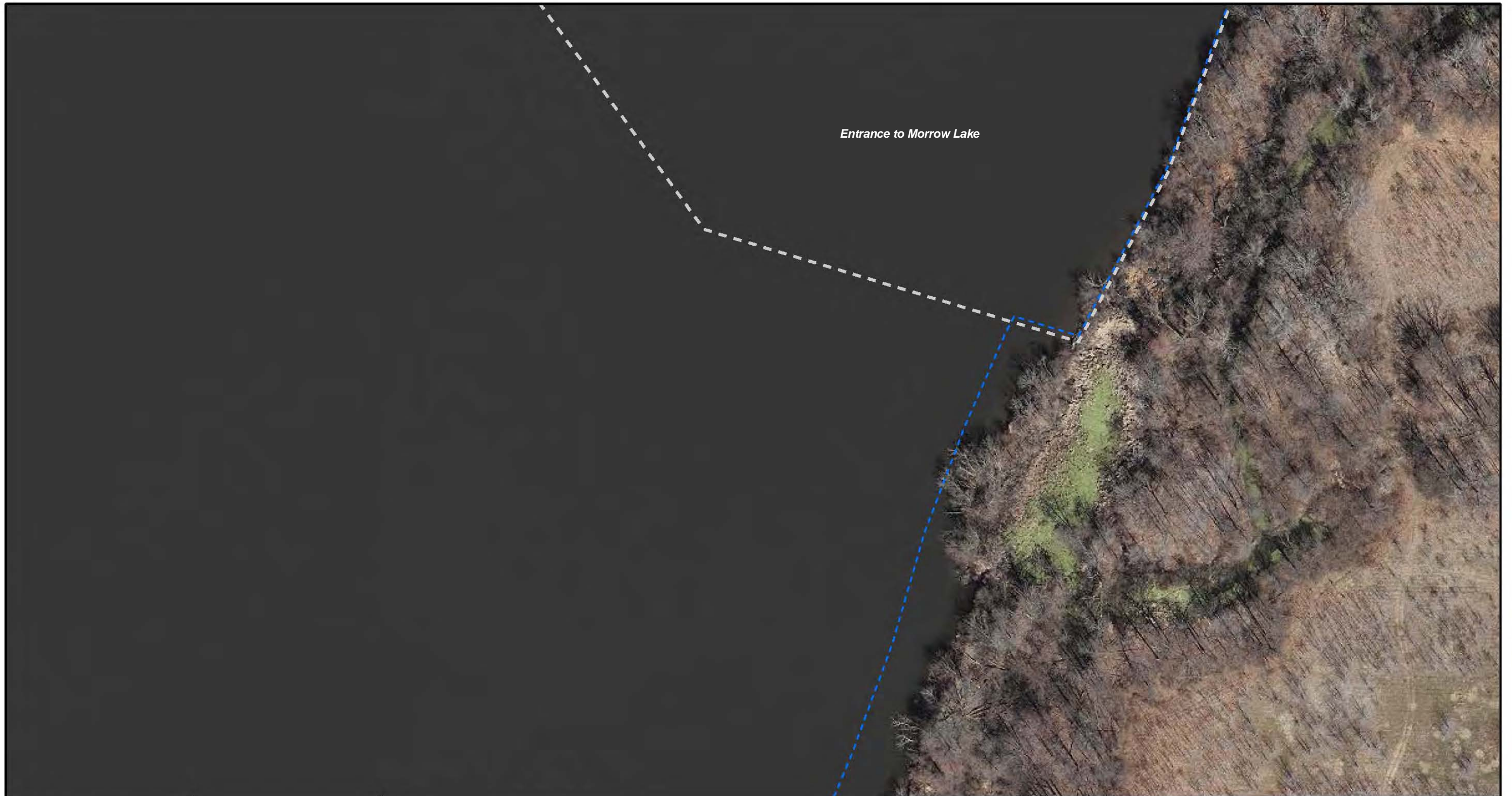
Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 162 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



Entrance to Morrow Lake

ENBRIDGE

Drawn: JLH 12/21/2011

Approved: DBR 12/21/2011

Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
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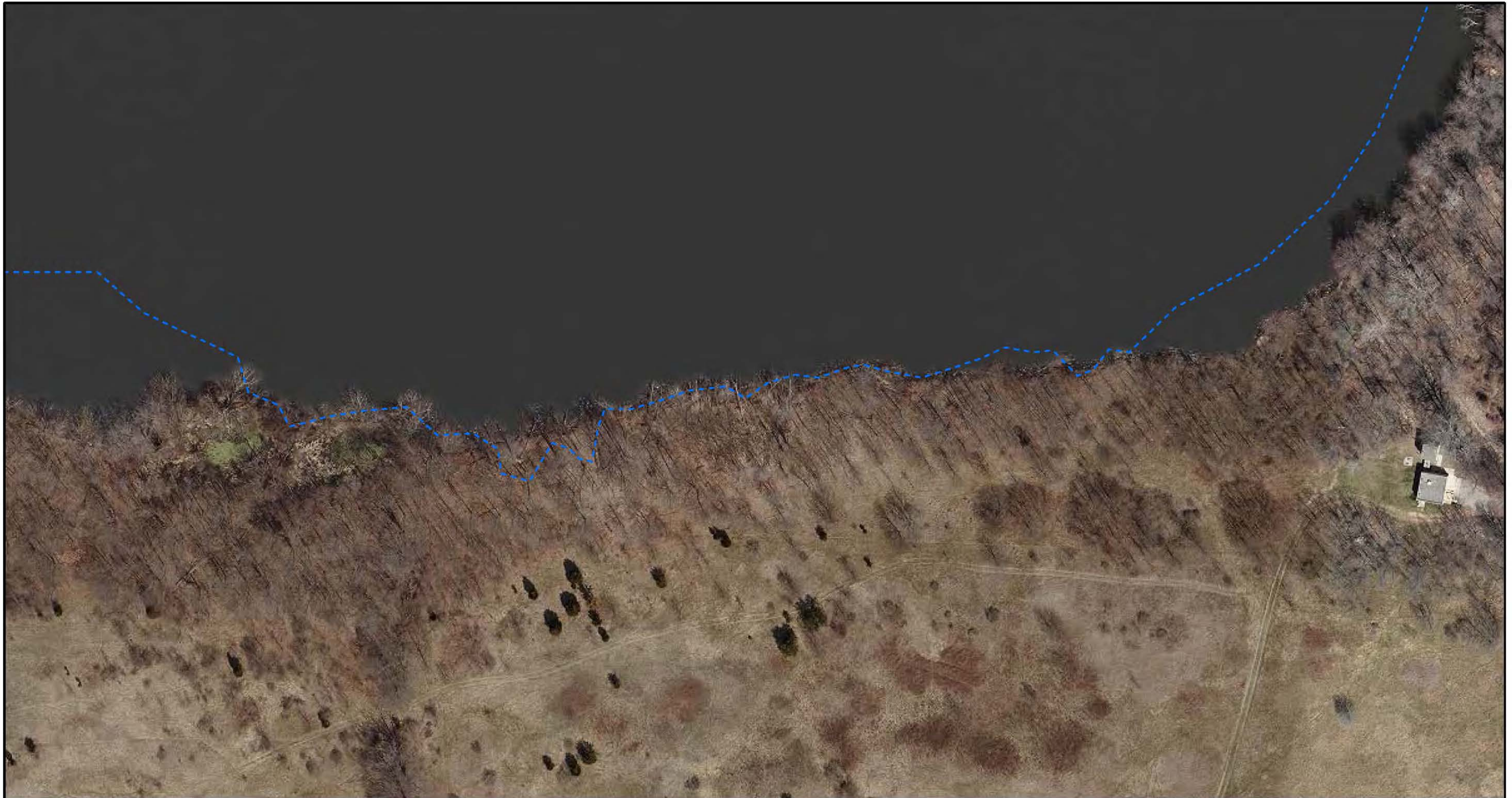
N

0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 163 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
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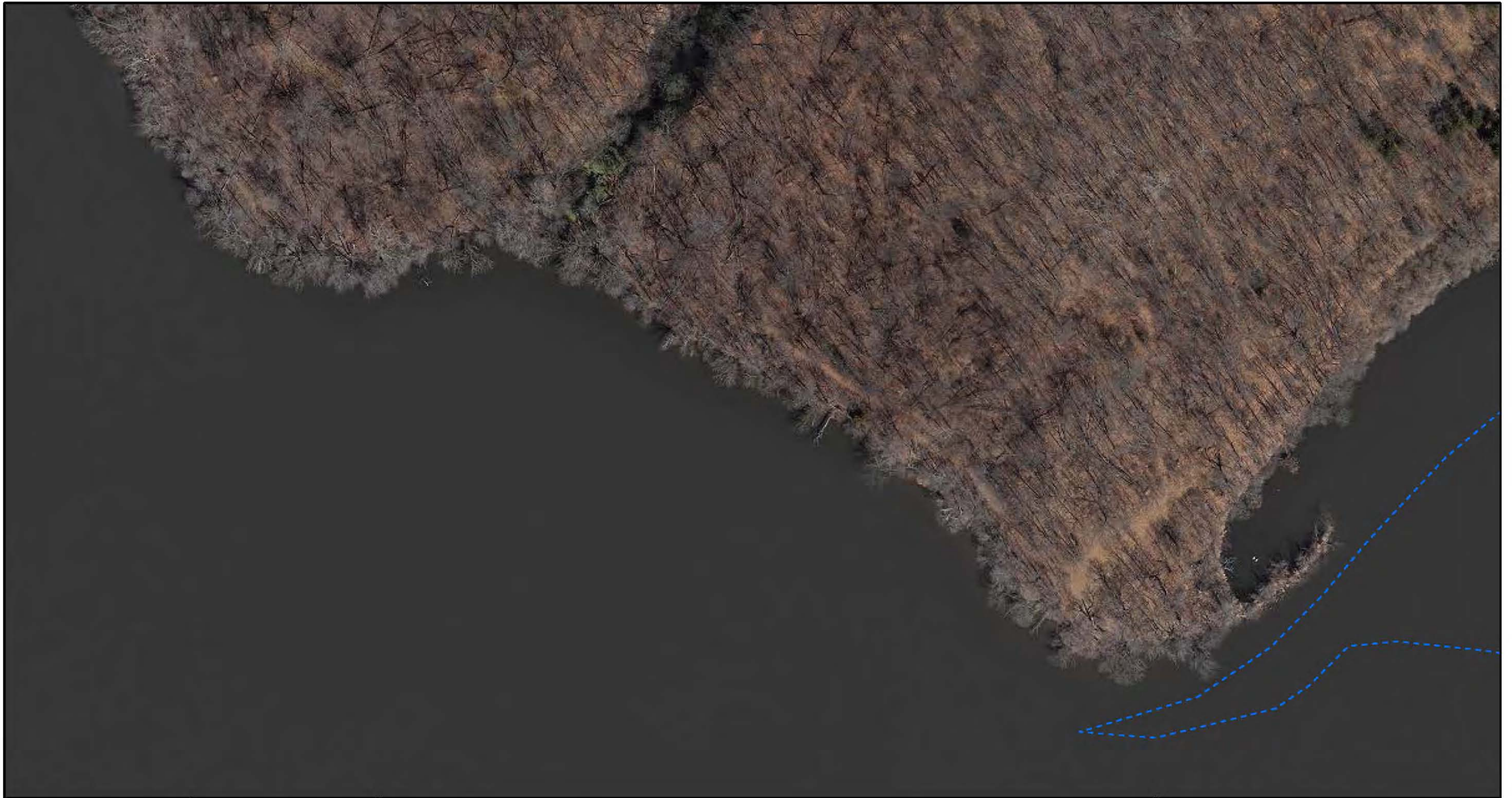
0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 164 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

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0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 165 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

38.25



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Map Location



Legend

- November 2011 Delineation Area
- Spring 2011 Delineation Area
- 2011 Poling Focus Areas
- Additional Poling Focus Areas

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Transects

- 2011 transect to be poled in 2012
- 2011 transect not slated for poling in 2012
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Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

- Park/Launch Access Poling Areas
- Bridge Access Poling Areas
- Quarter Mile Grid Segment

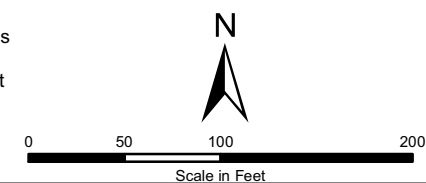
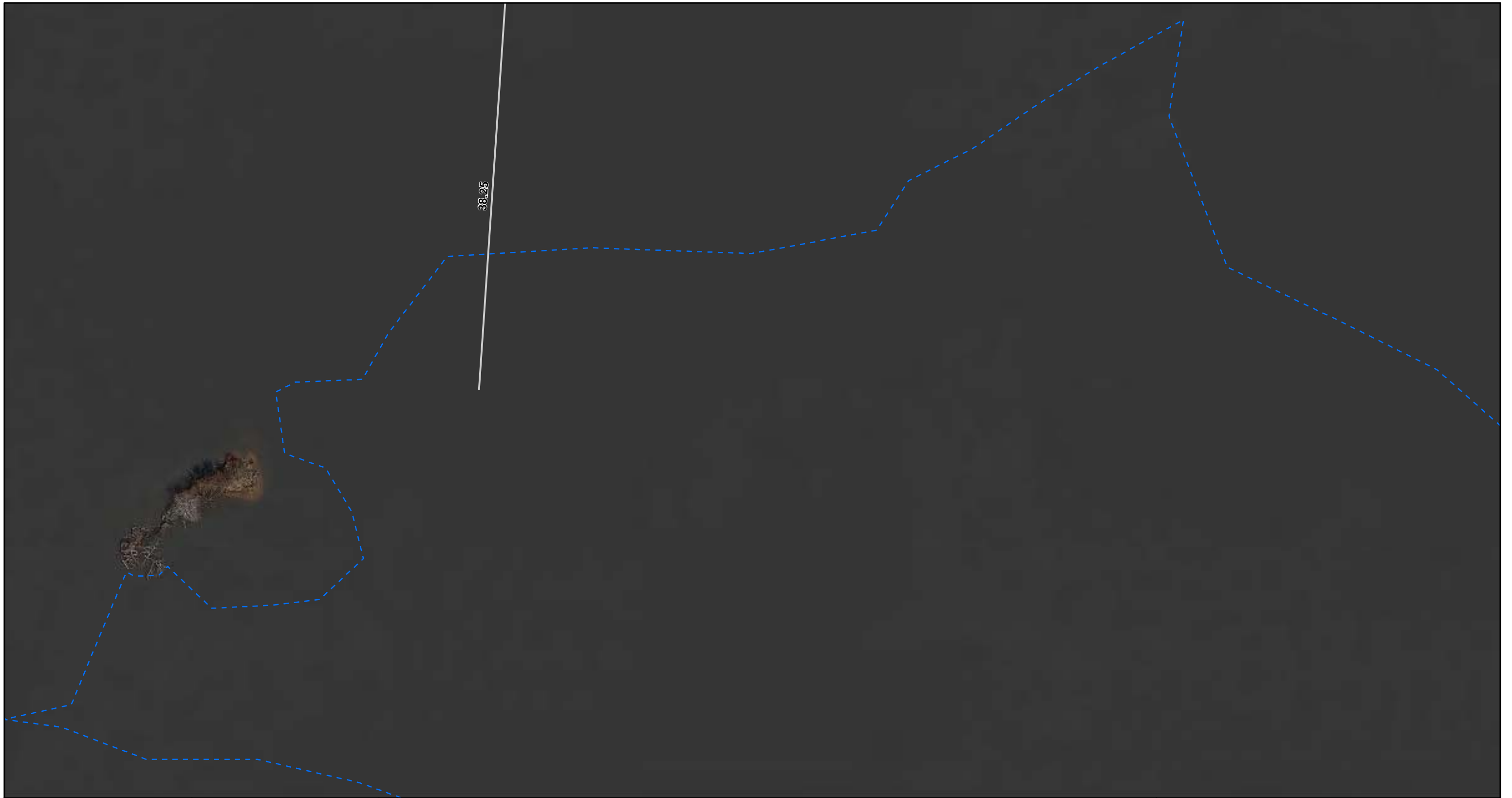


FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 166 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

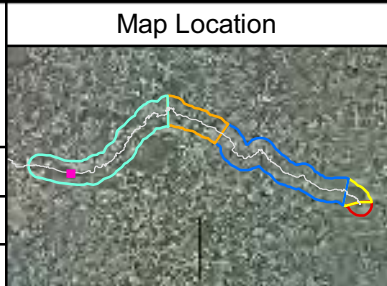


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Drawn: JLH 12/21/2011

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Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
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0 50 100 200
Scale in Feet

N

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 167 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

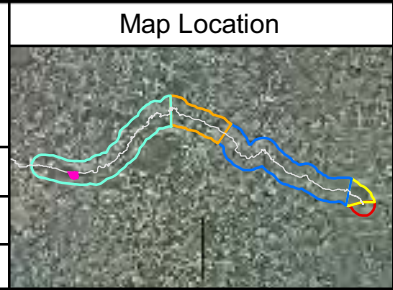


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Legend

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Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

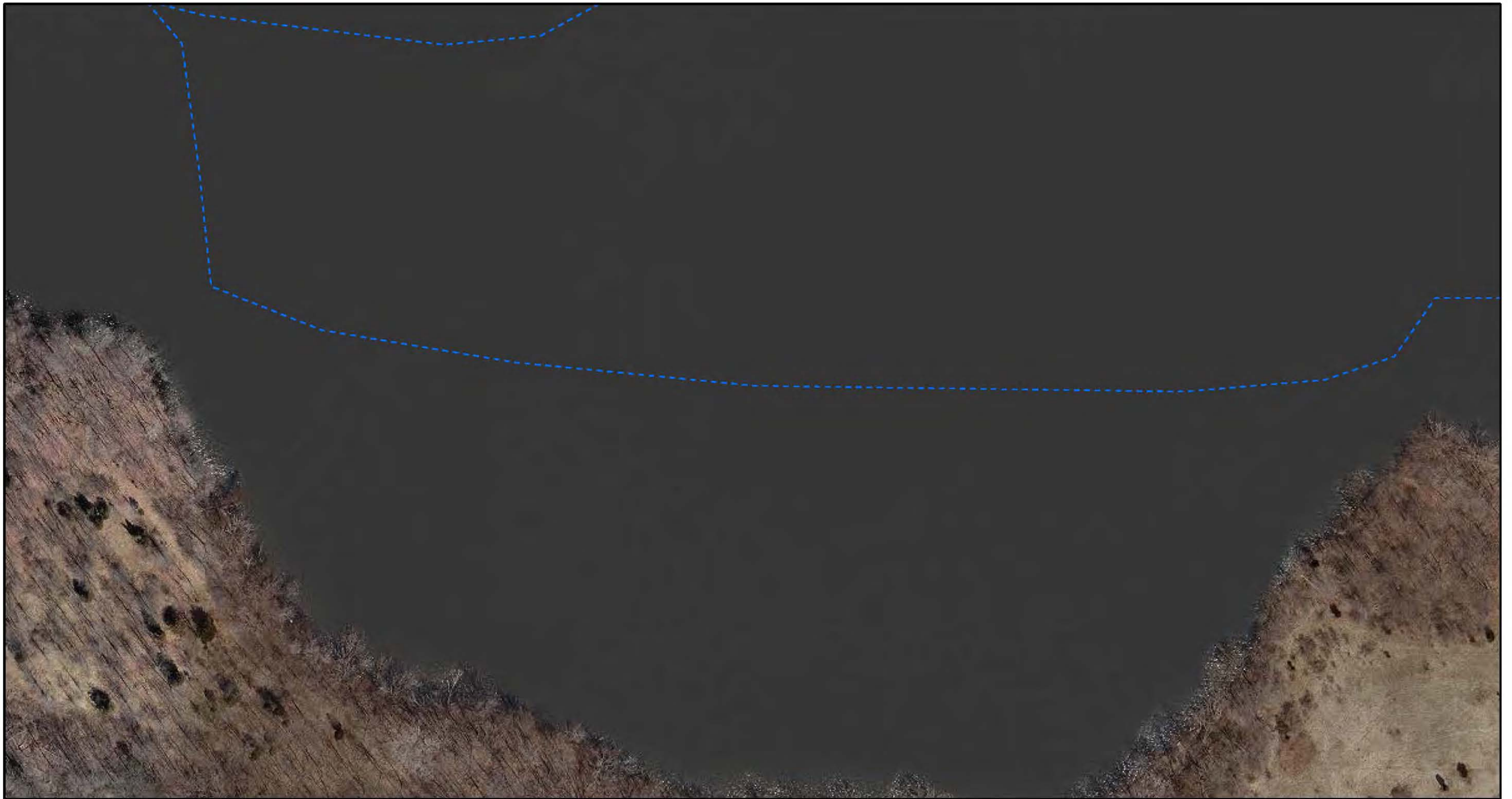
Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 168 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

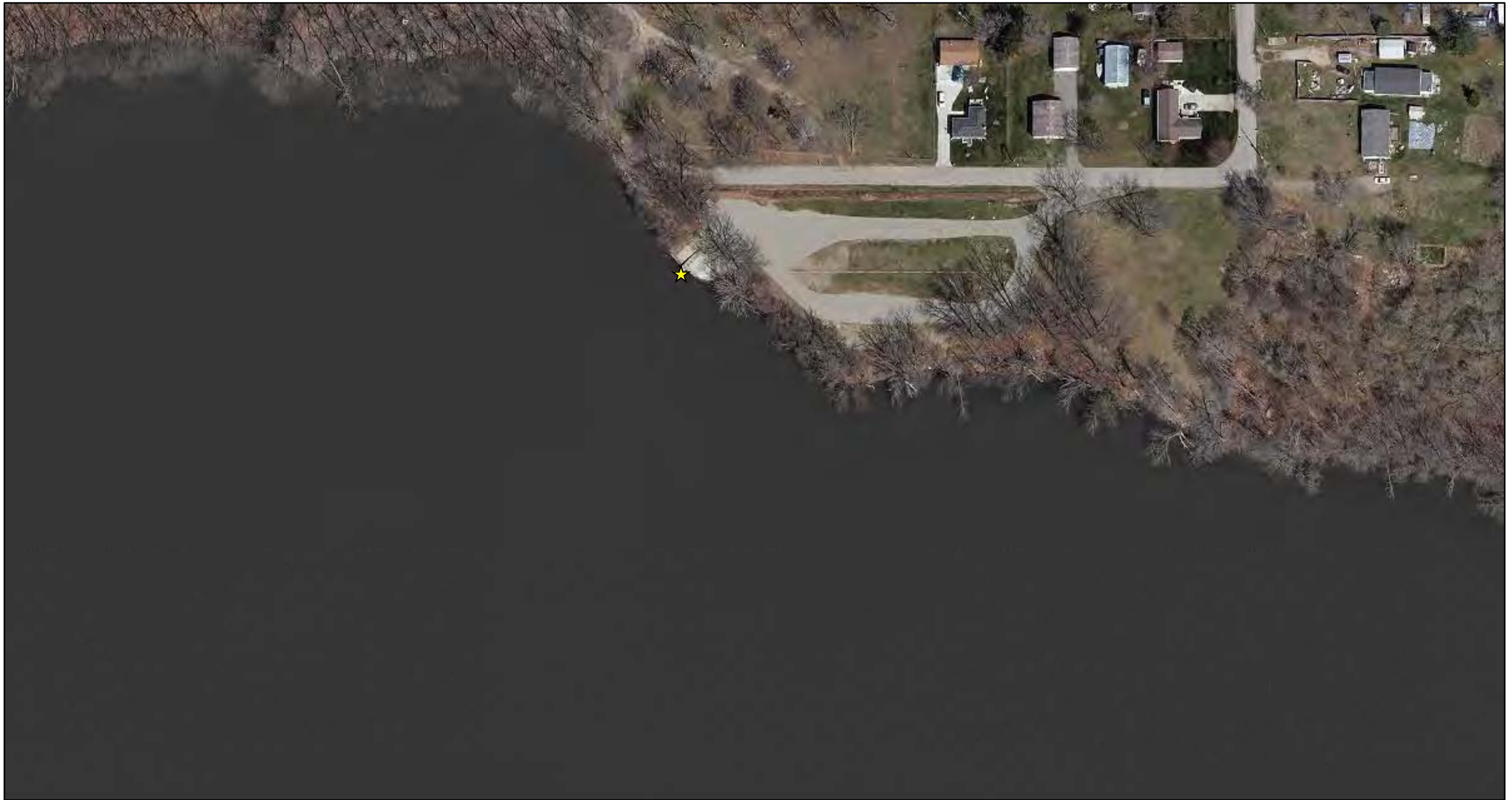
Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

0 50 100 200
Scale in Feet

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 169 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

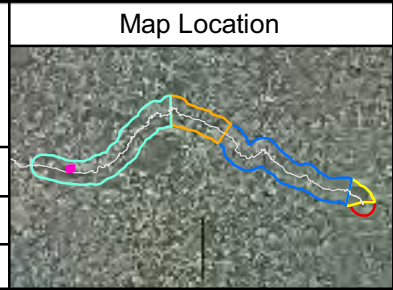


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Project #: 106-4186



Legend

November 2011 Delineation Area	Transects	Park/Launch Access Poling Areas
Spring 2011 Delineation Area	2011 transect to be poled in 2012	Bridge Access Poling Areas
2011 Poling Focus Areas	2011 transect not slated for poling in 2012	Quarter Mile Grid Segment
Additional Poling Focus Areas	Additional 2012 transect poling locations	

Poling will be conducted +/- 25 feet of all transects, focus areas, and delineation areas

Number of poling locations within each area will be dependent on site conditions. Full transects will have a minimum of 3 locations.

FIGURE 2
2012 POLING FOCUS AREAS & TRANSECTS

SHEET 170 OF 170

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

Attachment C
Hydrodynamic Assessment



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Project #: 106-4186

Legend

- Proposed Poling Focus Areas
- Quarter Mile Grid Segment

Scale in Feet

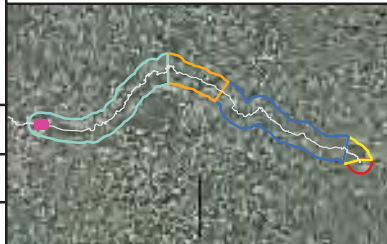
FIGURE 1
PROPOSED POLING AREAS
DOWNSTREAM OF MORROW LAKE DAM

SHEET 1 OF 2



ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



Map Location



Legend

-  Proposed Poling Focus Areas
-  Quarter Mile Grid Segment

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 Project #: 106-4186




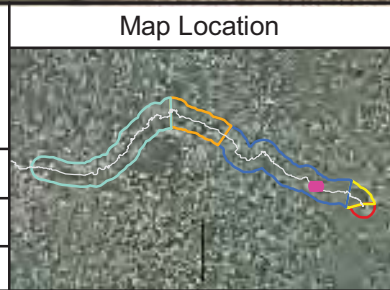
FIGURE 1
 PROPOSED POLING AREAS
 DOWNSTREAM OF MORROW LAKE DAM



SHEET 2 OF 2

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP




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 Project #: 106-4186



Legend		— Quarter Mile Grid Segment
○ Jet Test Location	November 2011 Delineation Areas	
	 Heavy	
	 Moderate	


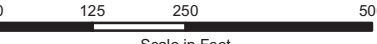
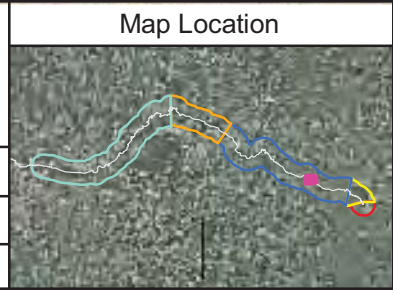



FIGURE 2
JET TEST LOCATIONS
 SHEET 1 OF 13
 ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
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Legend

- Jet Test Location
- November 2011 Delineation Areas
 - ⬮ Heavy
 - ⬮ Moderate
- Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 2
JET TEST LOCATIONS

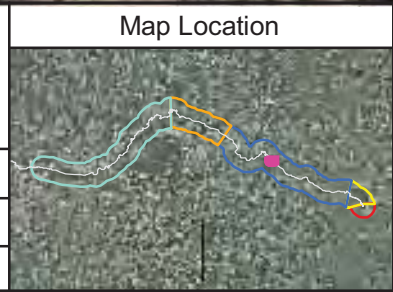
SHEET 2 OF 13

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

- Jet Test Location
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

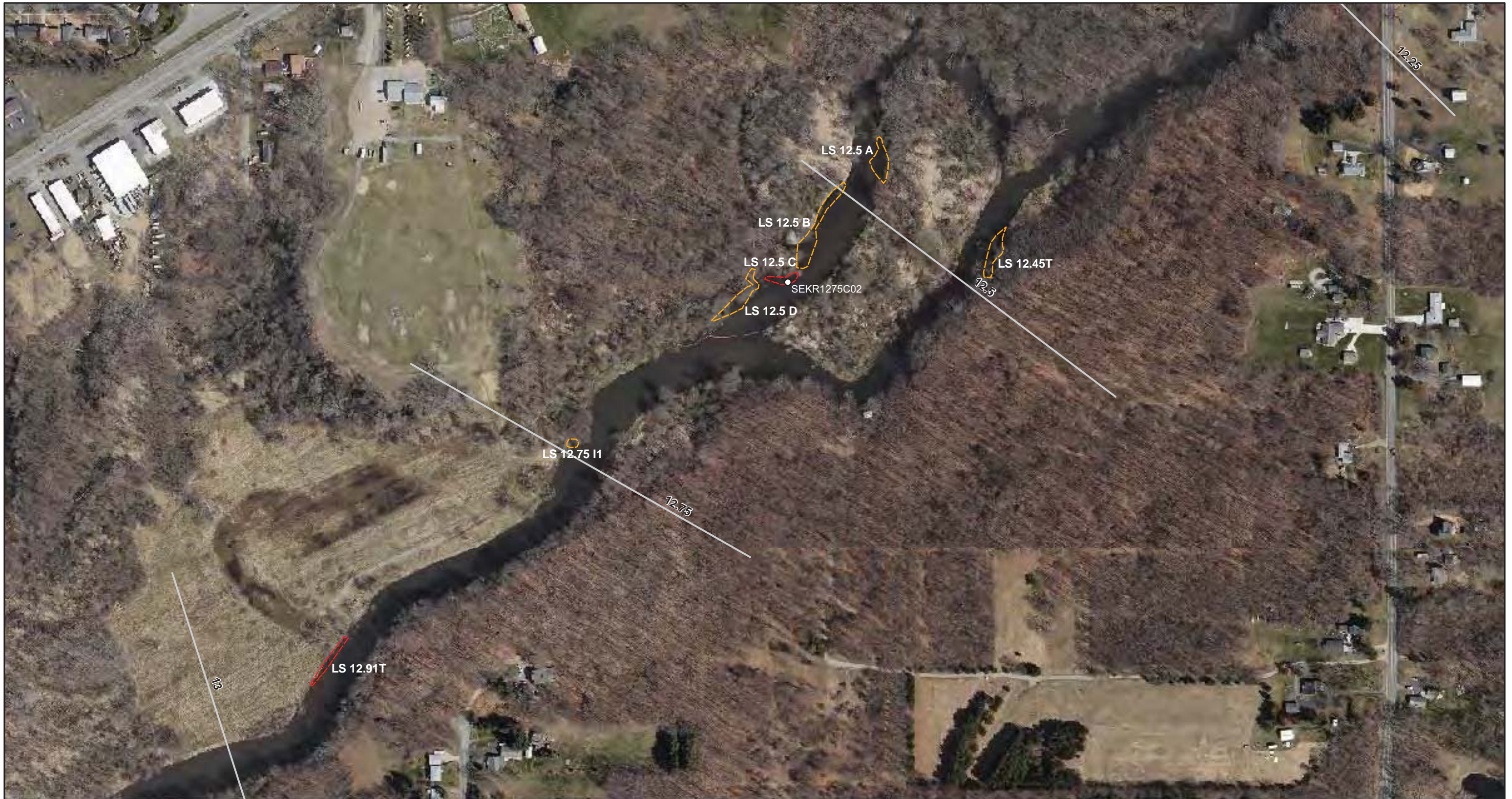
N

 0 125 250 500
 Scale in Feet

FIGURE 2
 JET TEST LOCATIONS

SHEET 3 OF 13

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

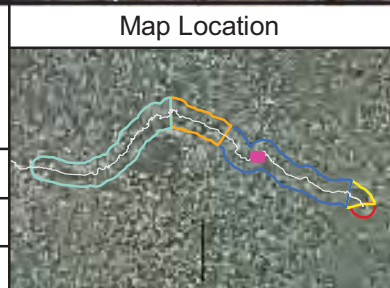


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Project #: 106-4186



Legend

- Jet Test Location
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 2
JET TEST LOCATIONS

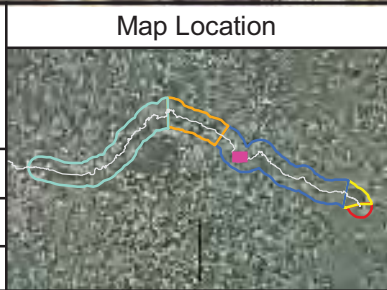
SHEET 4 OF 13

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

- Jet Test Location
- November 2011 Delineation Areas
 - ▬ Heavy
 - ▬ Moderate
- Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 2
JET TEST LOCATIONS

SHEET 5 OF 13

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



Map Location



Legend

- Jet Test Location
- November 2011 Delineation Areas
 - ⬮ Heavy
 - ⬮ Moderate
- Quarter Mile Grid Segment

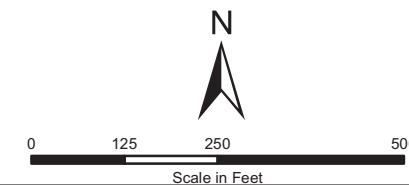


FIGURE 2
JET TEST LOCATIONS

SHEET 6 OF 13

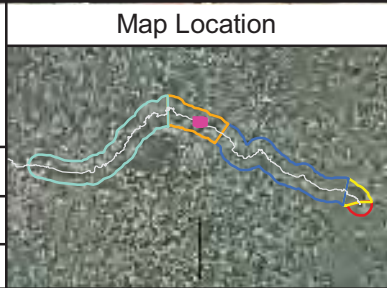
ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Drawn: BRS 12/2/2011
Approved: DBR 12/2/2011
Project #: 106-4186



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Drawn: BRS 12/2/2011
 Approved: DBR 12/2/2011
 Project #: 106-4186



Legend

- Jet Test Location
- November 2011 Delineation Areas
 - ⬮ Heavy
 - ⬮ Moderate
- Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 2
JET TEST LOCATIONS

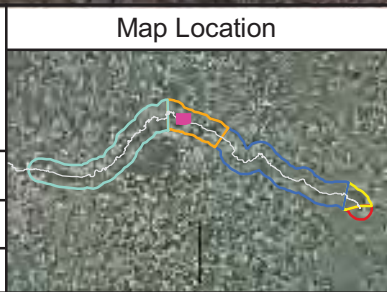
SHEET 7 OF 13

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

- Jet Test Location
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 2
JET TEST LOCATIONS

SHEET 8 OF 13

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

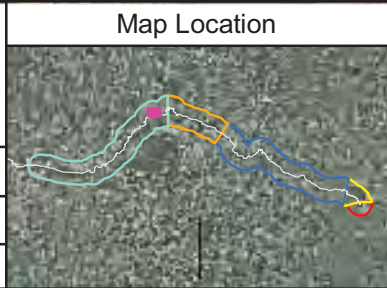


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Project #: 106-4186



Legend

- Jet Test Location
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 2
JET TEST LOCATIONS

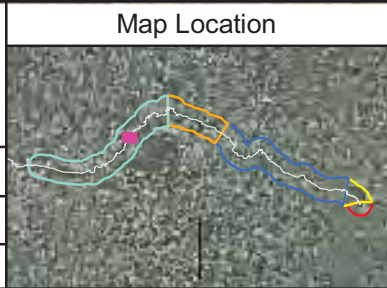
SHEET 9 OF 13

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

- Jet Test Location
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

Scale in Feet

FIGURE 2
JET TEST LOCATIONS

SHEET 10 OF 13

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

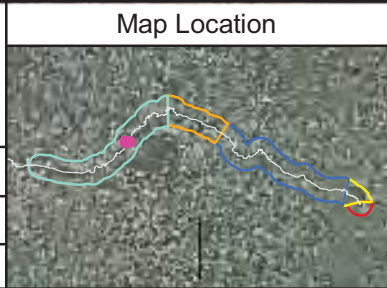


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Project #: 106-4186



Legend

- Jet Test Location
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 2
JET TEST LOCATIONS

SHEET 11 OF 13

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

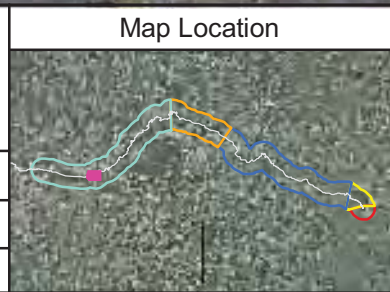


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Legend

- Jet Test Location
- November 2011 Delineation Areas
 - - - Heavy
 - - - Moderate
- Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 2
JET TEST LOCATIONS

SHEET 12 OF 13

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

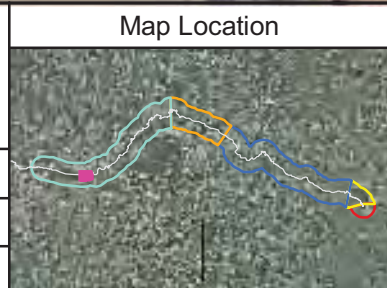


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Project #: 106-4186



Legend

- Jet Test Location
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 2
JET TEST LOCATIONS

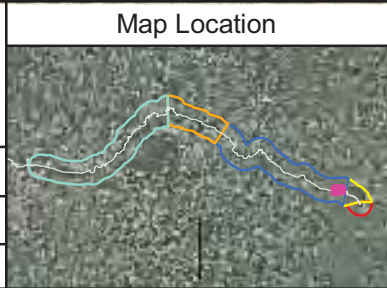
SHEET 13 OF 13

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

N

0 125 250 500
Scale in Feet

FIGURE 3
VELOCITY PROFILE LOCATIONS

SHEET 1 OF 26

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

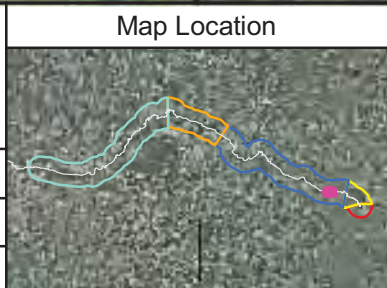


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Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 3
VELOCITY PROFILE LOCATIONS

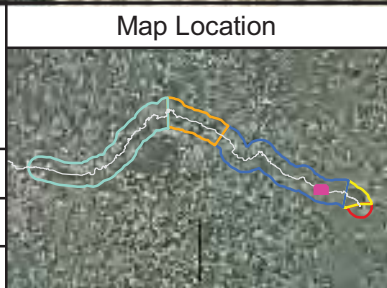
SHEET 2 OF 26

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

N

0 125 250 500
Scale in Feet

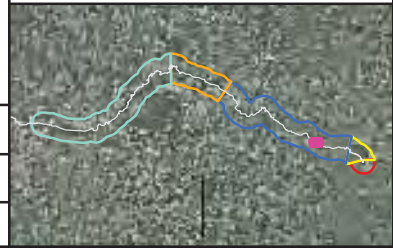
FIGURE 3
VELOCITY PROFILE LOCATIONS

SHEET 3 OF 26

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

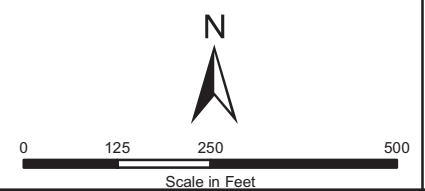


Map Location



Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment



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FIGURE 3
 VELOCITY PROFILE LOCATIONS

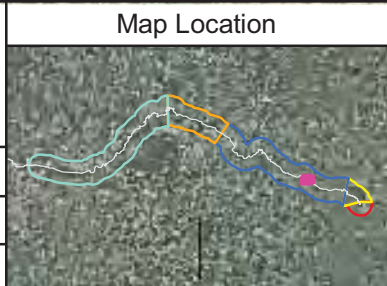
SHEET 4 OF 26

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects

November 2011 Delineation Areas

- - - Heavy
- - - Moderate

— Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 3
VELOCITY PROFILE LOCATIONS

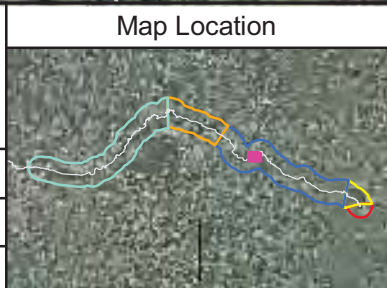
SHEET 5 OF 26

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- November 2011 Delineation Areas Heavy
- November 2011 Delineation Areas Moderate
- Quarter Mile Grid Segment

N

0 125 250 500
Scale in Feet

FIGURE 3
VELOCITY PROFILE LOCATIONS

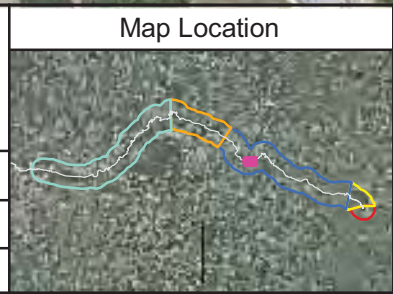
SHEET 6 OF 26

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment





 Scale in Feet

FIGURE 3
VELOCITY PROFILE LOCATIONS

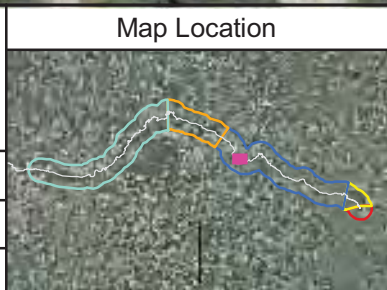
SHEET 7 OF 26

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment



 0 125 250 500
 Scale in Feet

FIGURE 3
VELOCITY PROFILE LOCATIONS

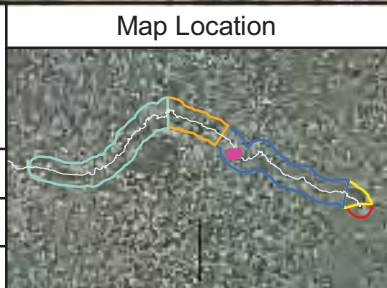
SHEET 8 OF 26

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

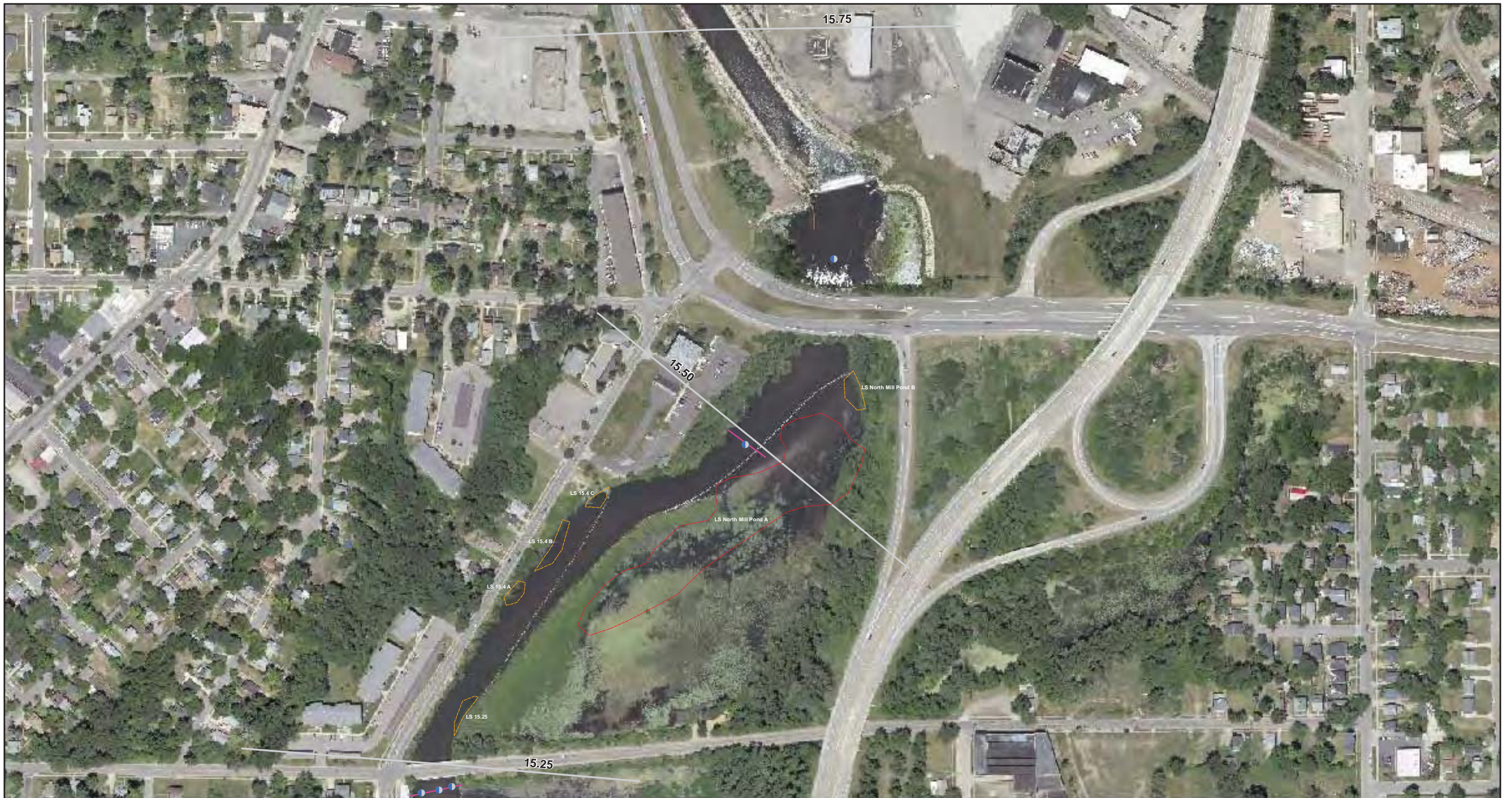
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N

**FIGURE 3
 VELOCITY PROFILE LOCATIONS**

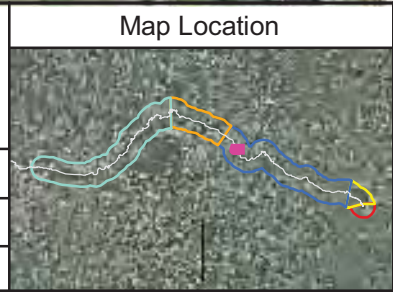
SHEET 9 OF 26

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



ENBRIDGE

Drawn: BRS 12/2/2011
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 Project #: 106-4186



Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- November 2011 Delineation Areas Heavy
- November 2011 Delineation Areas Moderate
- Quarter Mile Grid Segment

N
 0 125 250 500
 Scale in Feet

FIGURE 3
VELOCITY PROFILE LOCATIONS

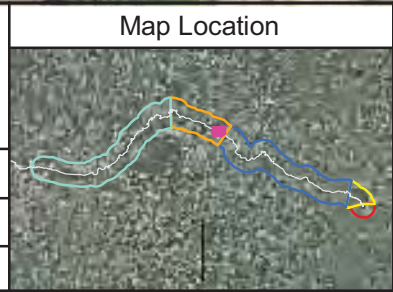
SHEET 10 OF 26

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP






Aerial Photography Date: April 2011




 Drawn: BRS 12/2/2011
 Approved: DBR 12/2/2011
 Project #: 106-4186



Legend

-  Proposed Velocity Profiling Locations
-  Velocity Moving Transects
-  November 2011 Delineation Areas Heavy
-  November 2011 Delineation Areas Moderate
-  Quarter Mile Grid Segment





 Scale in Feet

FIGURE 3
VELOCITY PROFILE LOCATIONS

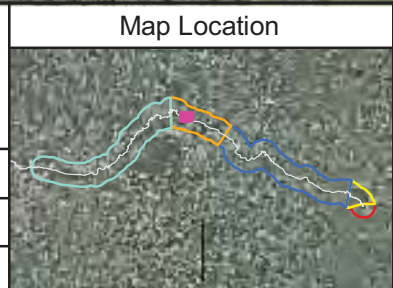
 SHEET 11 OF 26

 ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP
 Aerial Photography Date: April 2011



ENBRIDGE

Drawn: BRS 12/2/2011
 Approved: DBR 12/2/2011
 Project #: 106-4186



Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects

November 2011 Delineation Areas

- ⬮ Heavy
- ⬮ Moderate

— Quarter Mile Grid Segment

N

0 125 250 500
Scale in Feet

FIGURE 3
VELOCITY PROFILE LOCATIONS

SHEET 12 OF 26

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

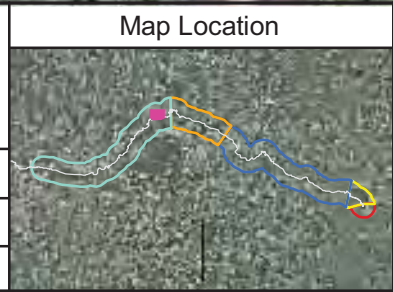


ENBRIDGE

Drawn: BRS 12/2/2011

Approved: DBR 12/2/2011

Project #: 106-4186



Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects

November 2011 Delineation Areas

- ⬮ Heavy
- ⬮ Moderate

— Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 3
VELOCITY PROFILE LOCATIONS

SHEET 13 OF 26

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

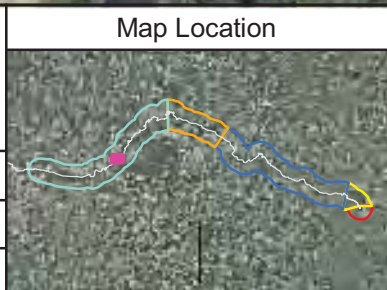


ENBRIDGE

Drawn: BRS 12/2/2011

Approved: DBR 12/2/2011

Project #: 106-4186



Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- November 2011 Delineation Areas Heavy
- November 2011 Delineation Areas Moderate
- Quarter Mile Grid Segment

N

0 125 250 500
Scale in Feet

FIGURE 3
VELOCITY PROFILE LOCATIONS

SHEET 14 OF 26

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

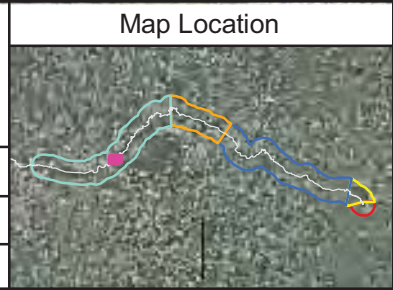


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Drawn: BRS 12/2/2011

Approved: DBR 12/2/2011

Project #: 106-4186



Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- November 2011 Delineation Areas Heavy
- November 2011 Delineation Areas Moderate
- Quarter Mile Grid Segment

N

0 125 250 500
Scale in Feet

FIGURE 3
VELOCITY PROFILE LOCATIONS

SHEET 15 OF 26

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

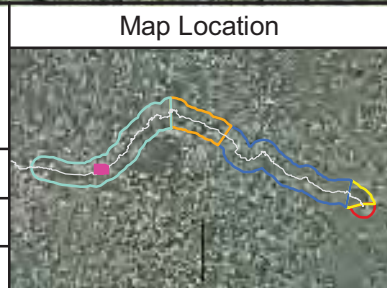


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Drawn: BRS 12/2/2011

Approved: DBR 12/2/2011

Project #: 106-4186



Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 3
VELOCITY PROFILE LOCATIONS

SHEET 16 OF 26

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

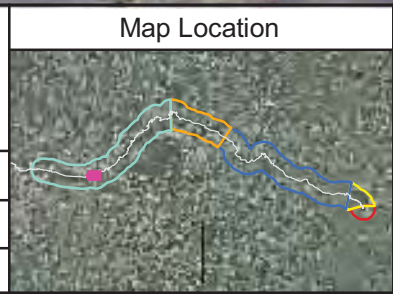


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Project #: 106-4186



Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

N

0 125 250 500
Scale in Feet

FIGURE 3
VELOCITY PROFILE LOCATIONS

SHEET 17 OF 26

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

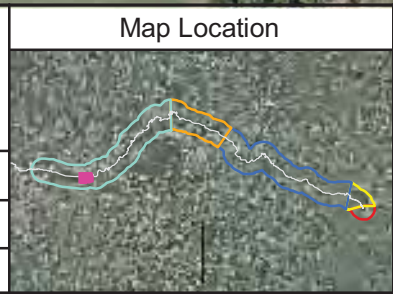


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Project #: 106-4186



Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- November 2011 Delineation Areas - Moderate
- November 2011 Delineation Areas - Heavy
- Quarter Mile Grid Segment

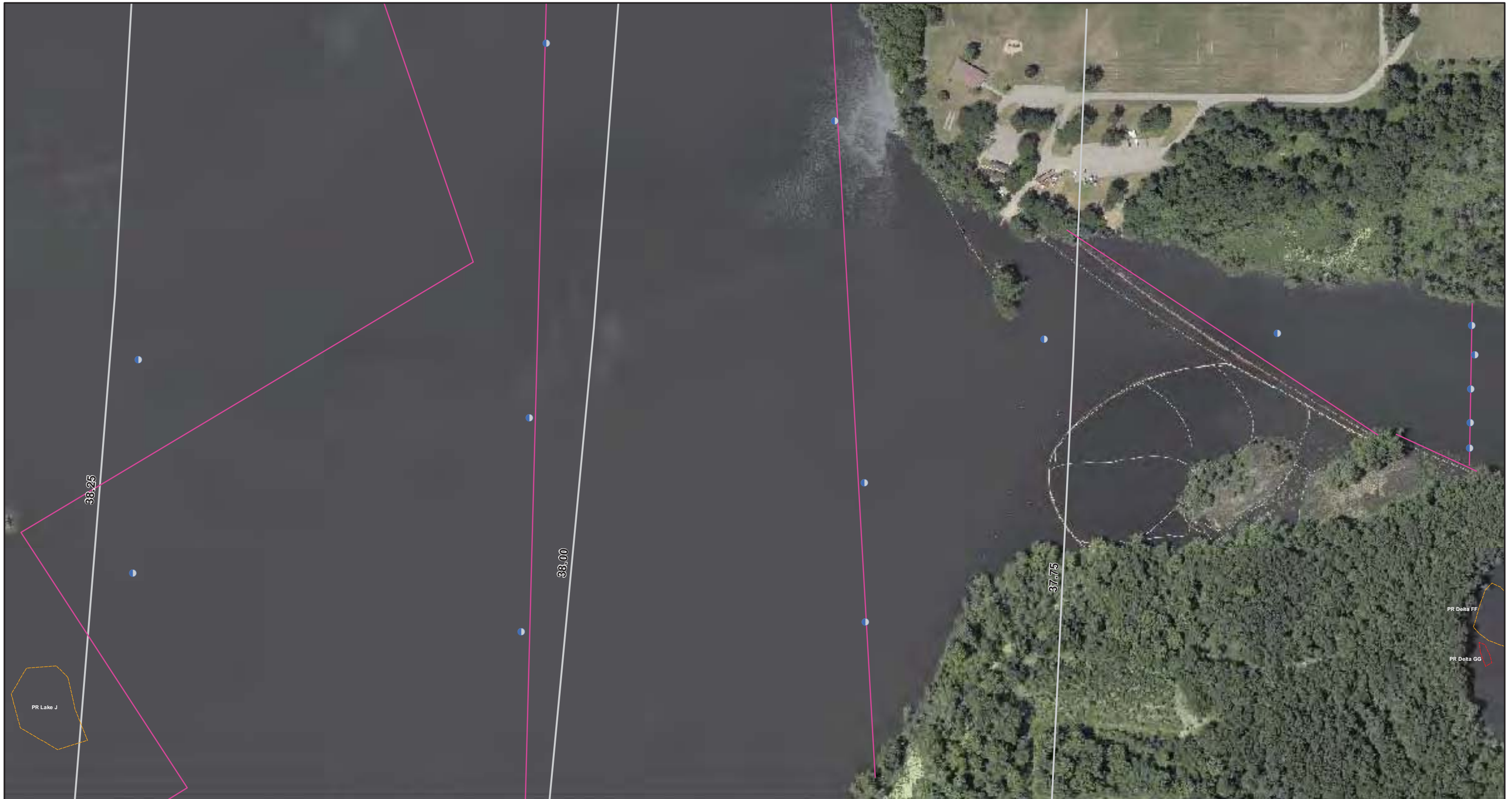
N

0 125 250 500
Scale in Feet

FIGURE 3
VELOCITY PROFILE LOCATIONS

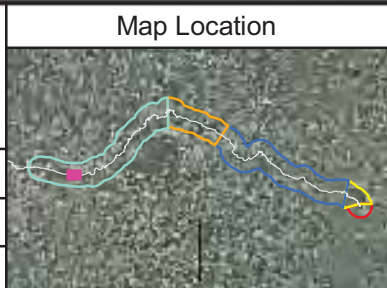
SHEET 18 OF 26

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

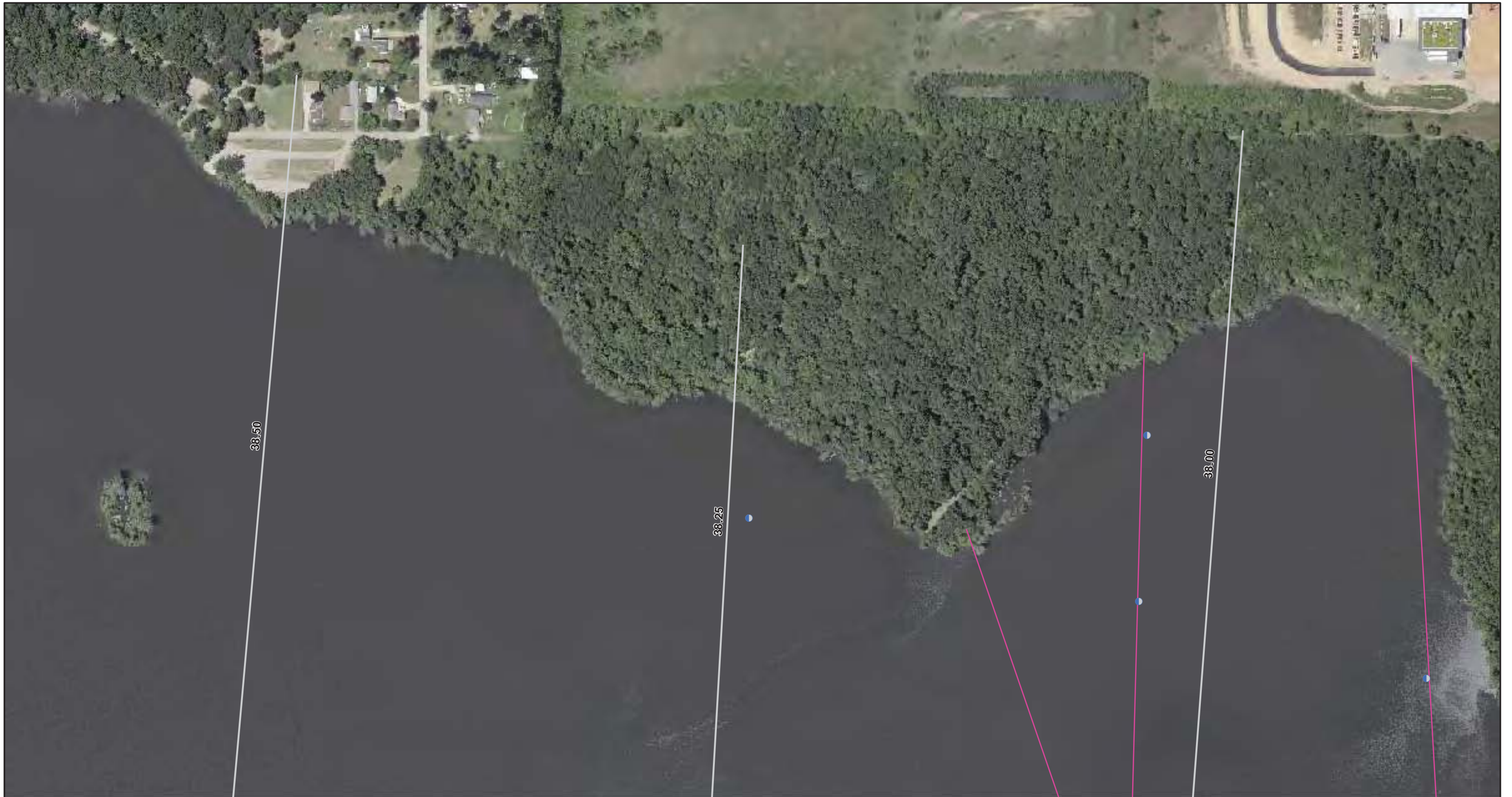
- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- Quarter Mile Grid Segment
- November 2011 Delineation Areas**
 - Heavy
 - Moderate

Scale in Feet
 0 125 250 500

FIGURE 3
VELOCITY PROFILE LOCATIONS

SHEET 19 OF 26

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

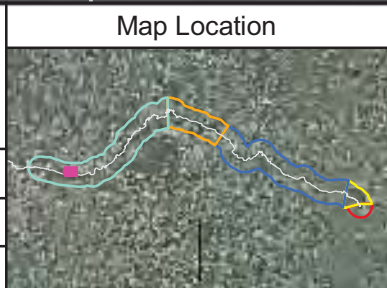


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Project #: 106-4186



Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

Scale in Feet

0 125 250 500

FIGURE 3
VELOCITY PROFILE LOCATIONS

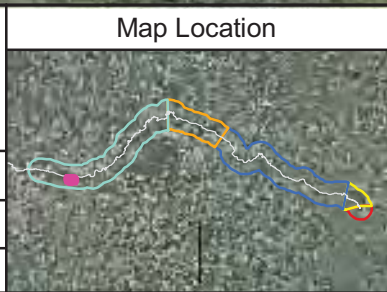
SHEET 20 OF 26

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- Quarter Mile Grid Segment
- November 2011 Delineation Areas**
 - Heavy
 - Moderate

N

0 125 250 500
Scale in Feet

FIGURE 3
VELOCITY PROFILE LOCATIONS

SHEET 21 OF 26

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

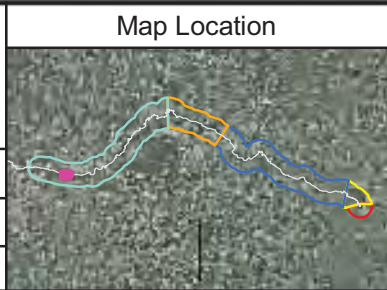


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Project #: 106-4186



Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 3
VELOCITY PROFILE LOCATIONS

SHEET 22 OF 26

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

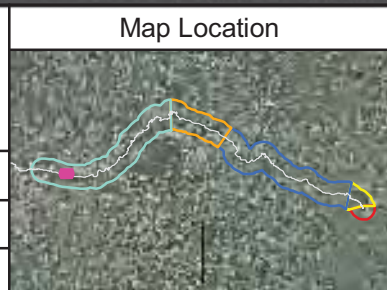


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Project #: 106-4186



Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

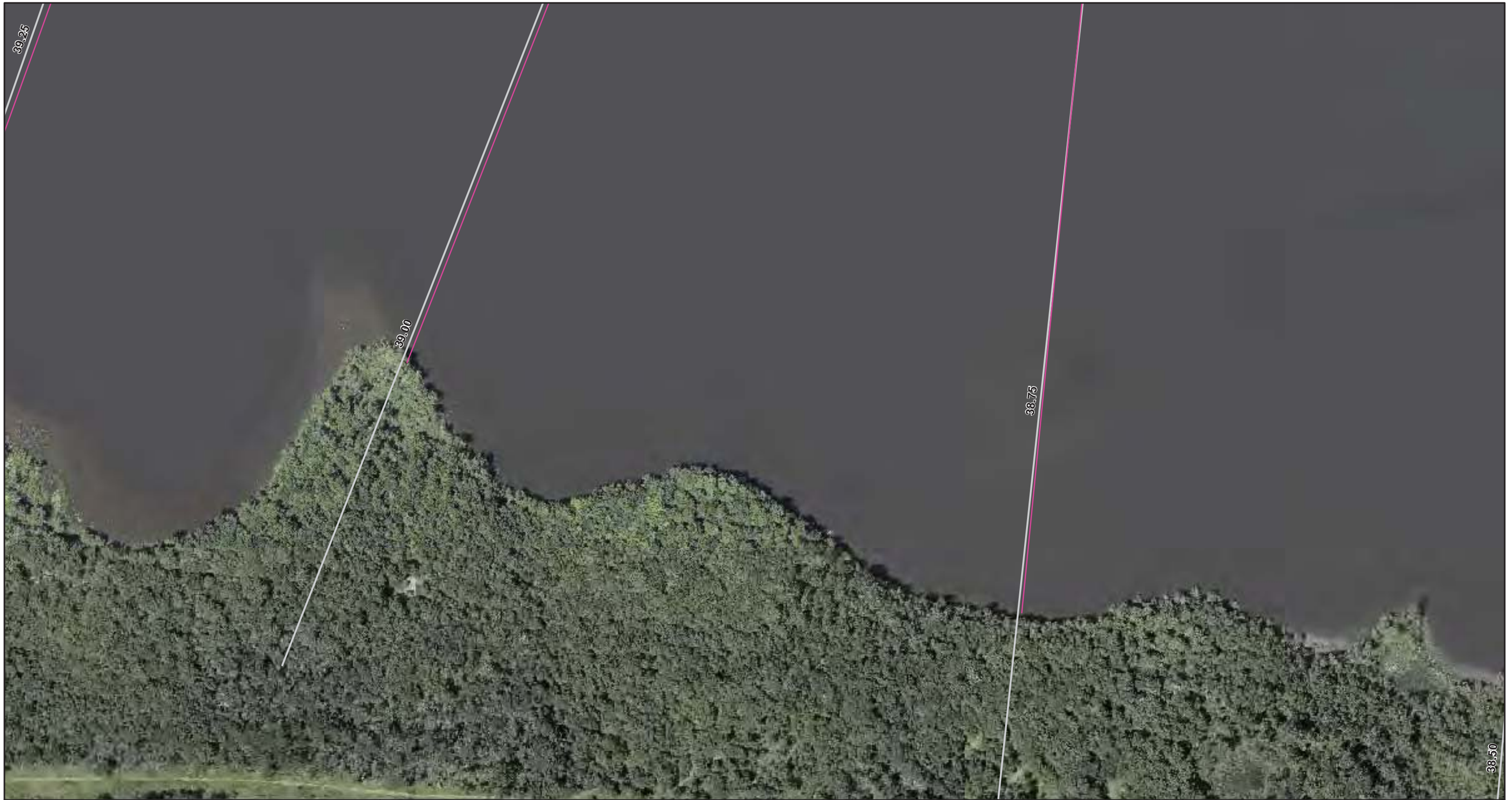
Scale in Feet

0 125 250 500

FIGURE 3
VELOCITY PROFILE LOCATIONS

SHEET 23 OF 26

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

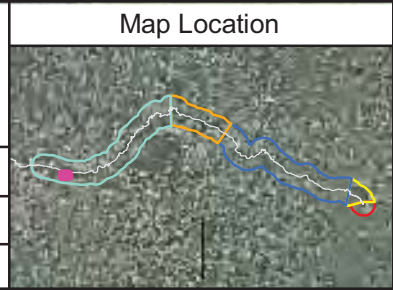


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Project #: 106-4186



Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- Quarter Mile Grid Segment
- November 2011 Delineation Areas**
- Heavy
- Moderate

N

0 125 250 500
Scale in Feet

FIGURE 3
VELOCITY PROFILE LOCATIONS

SHEET 24 OF 26

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

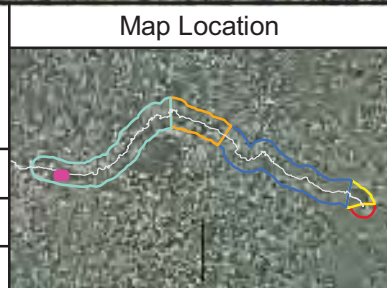


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Drawn: BRS 12/2/2011

Approved: DBR 12/2/2011

Project #: 106-4186



Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

Scale in Feet

0 125 250 500

FIGURE 3
VELOCITY PROFILE LOCATIONS

SHEET 25 OF 26

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

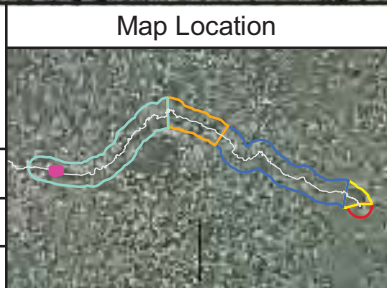


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Project #: 106-4186



Legend

- Proposed Velocity Profiling Locations
- Velocity Moving Transects
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

Scale in Feet

0 125 250 500

FIGURE 3
VELOCITY PROFILE LOCATIONS

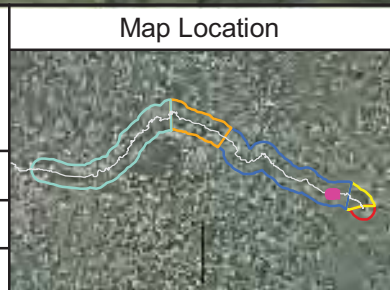
SHEET 26 OF 26

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

— Quarter Mile Grid Segment

0 125 250 500
Scale in Feet

**FIGURE 4
 PROPOSED CORING LOCATIONS**

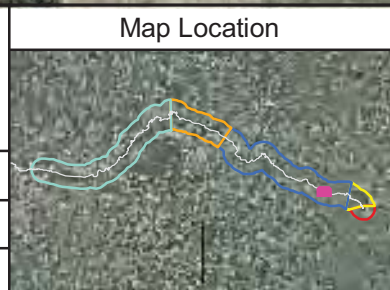
SHEET 1 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

Proposed Core Locations

New Core Location

Previous Core Location

November 2011 Delineation Areas

Heavy

Moderate

Quarter Mile Grid Segment

Scale in Feet

0 125 250 500

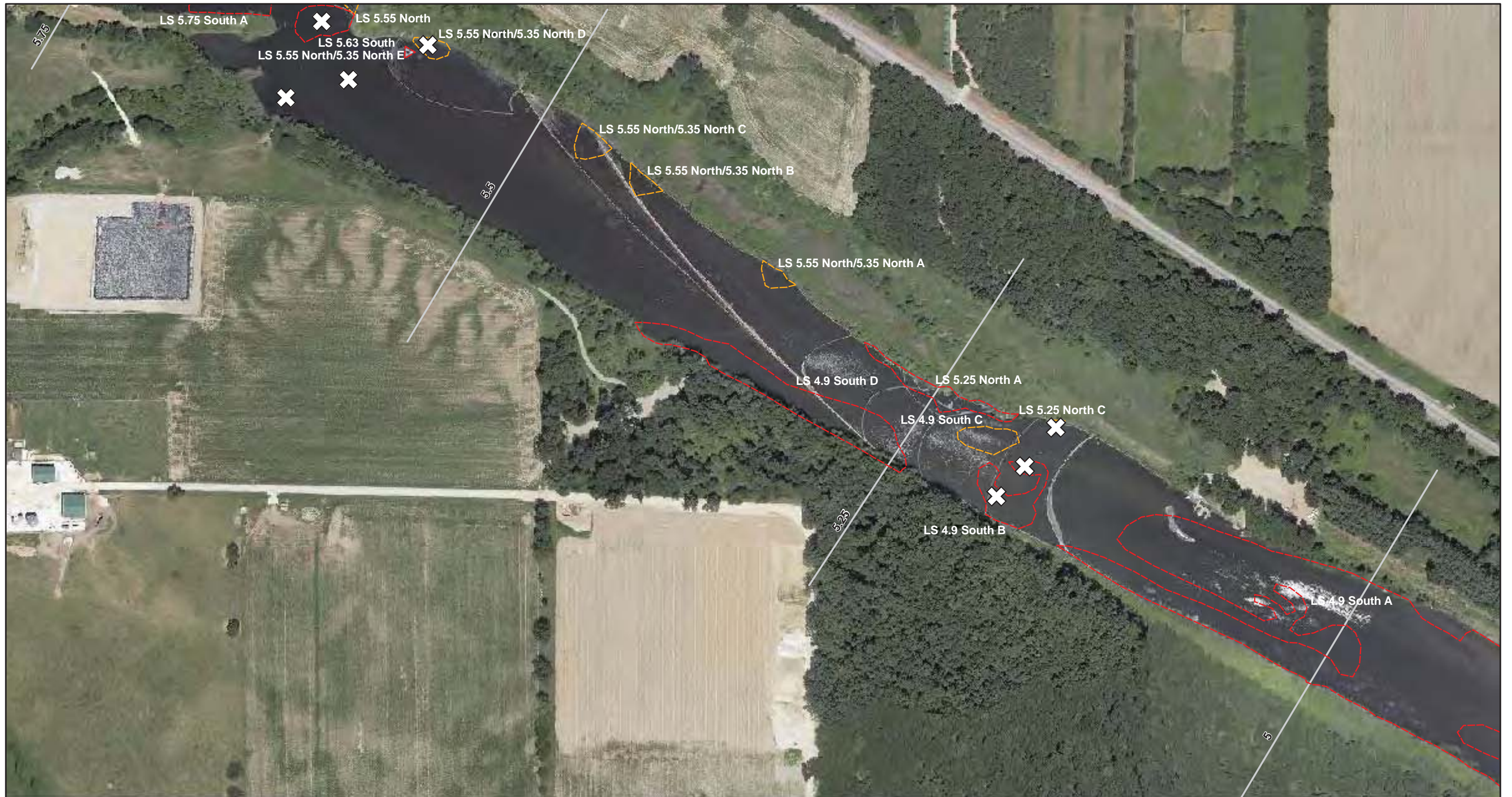
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FIGURE 4
PROPOSED CORING LOCATIONS

SHEET 2 OF 31

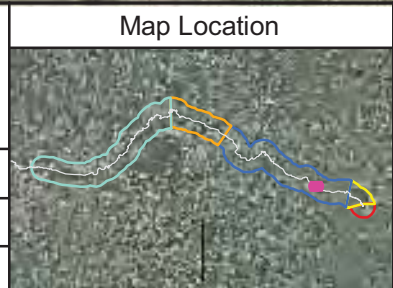
ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



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Drawn: BRS 12/2/2011
 Approved: DBR 12/2/2011
 Project #: 106-4186



Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

Quarter Mile Grid Segment

Scale in Feet

0 125 250 500

N

FIGURE 4
PROPOSED CORING LOCATIONS

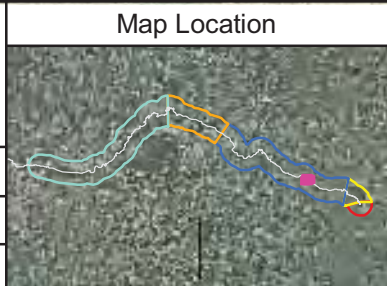
SHEET 3 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Drawn: BRS 12/2/2011
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Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

Quarter Mile Grid Segment

Scale in Feet

0 125 250 500

N

FIGURE 4
PROPOSED CORING LOCATIONS

SHEET 4 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



Map Location



Legend

Proposed Core Locations

New Core Location

Previous Core Location

November 2011 Delineation Areas

Heavy
 Moderate

Quarter Mile Grid Segment

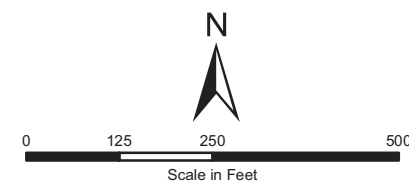


FIGURE 4
 PROPOSED CORING LOCATIONS

SHEET 5 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

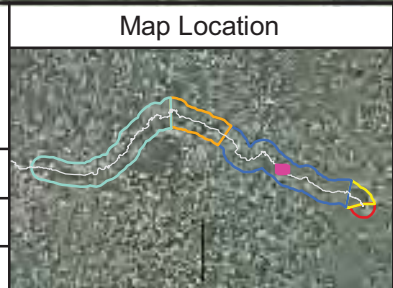


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Project #: 106-4186



Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

Quarter Mile Grid Segment

Scale in Feet

0 125 250 500

N

FIGURE 4

PROPOSED CORING LOCATIONS

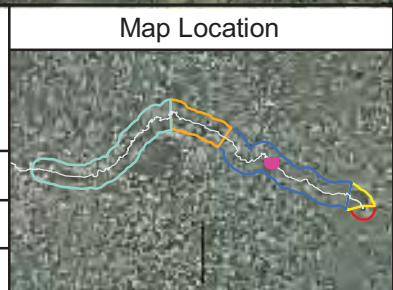
SHEET 6 OF 31

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Drawn: BRS 12/2/2011
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Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

Quarter Mile Grid Segment

Scale in Feet

0 125 250 500

N

FIGURE 4
PROPOSED CORING LOCATIONS

SHEET 7 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



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 Project #: 106-4186



Legend

Proposed Core Locations	November 2011 Delineation Areas	Quarter Mile Grid Segment
New Core Location	Heavy	Quarter Mile Grid Segment
Previous Core Location	Moderate	

Scale in Feet

FIGURE 4
PROPOSED CORING LOCATIONS

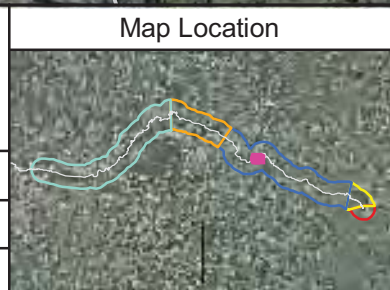
SHEET 8 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Drawn: BRS 12/2/2011
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Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

Quarter Mile Grid Segment

N

 0 125 250 500
 Scale in Feet

FIGURE 4
PROPOSED CORING LOCATIONS

SHEET 9 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

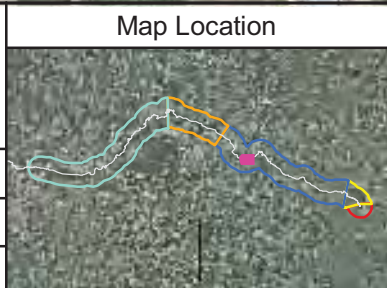


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Project #: 106-4186



Legend	November 2011 Delineation Areas	— Quarter Mile Grid Segment
New Core Location Previous Core Location	Heavy Moderate	N 0 125 250 500 Scale in Feet

FIGURE 4
PROPOSED CORING LOCATIONS

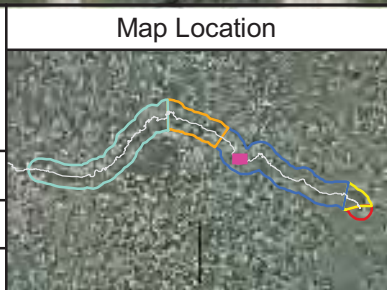
SHEET 10 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

Quarter Mile Grid Segment

0 125 250 500
 Scale in Feet

N

FIGURE 4
PROPOSED CORING LOCATIONS

SHEET 11 OF 31

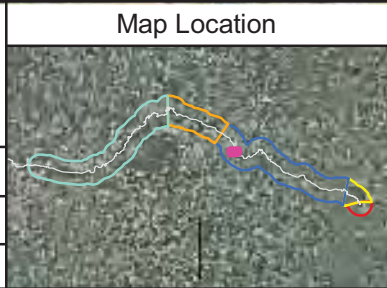
ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



ENBRIDGE

Drawn: BRS 12/2/2011
 Approved: DBR 12/2/2011
 Project #: 106-4186



Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

Quarter Mile Grid Segment

Scale in Feet

0 125 250 500

N

FIGURE 4
PROPOSED CORING LOCATIONS

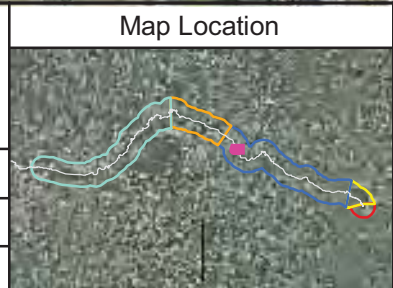
SHEET 12 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

Quarter Mile Grid Segment

N

 0 125 250 500
 Scale in Feet

FIGURE 4
PROPOSED CORING LOCATIONS

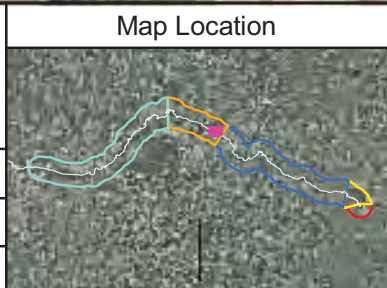
SHEET 13 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

— Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 4
PROPOSED CORING LOCATIONS

SHEET 14 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

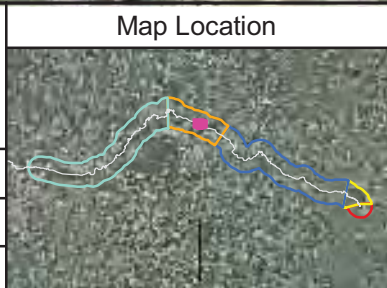


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Project #: 106-4186



Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 4
PROPOSED CORING LOCATIONS

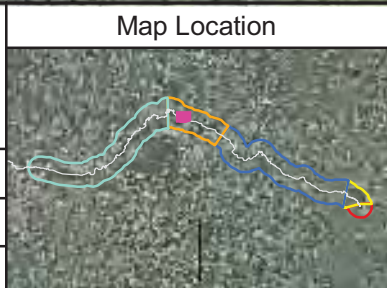
SHEET 15 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

Proposed Core Locations	November 2011 Delineation Areas	— Quarter Mile Grid Segment
New Core Location	Heavy	
Previous Core Location	Moderate	

Scale in Feet

FIGURE 4
PROPOSED CORING LOCATIONS

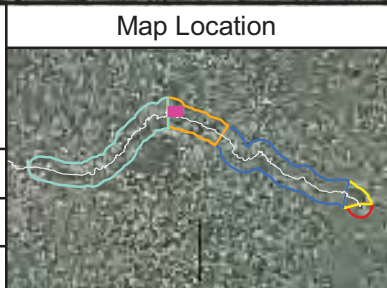
SHEET 16 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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 Project #: 106-4186



Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

— Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 4
PROPOSED CORING LOCATIONS

SHEET 17 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

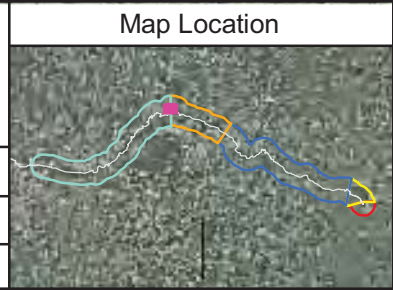


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Project #: 106-4186



Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

Quarter Mile Grid Segment

Scale in Feet

0 125 250 500

FIGURE 4
PROPOSED CORING LOCATIONS

SHEET 18 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

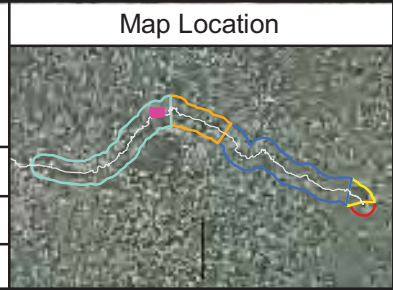


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Project #: 106-4186



Legend

<p>Proposed Core Locations</p> <p> New Core Location</p> <p> Previous Core Location</p>	<p>November 2011 Delineation Areas</p> <p> Heavy</p> <p> Moderate</p>	<p> Quarter Mile Grid Segment</p>
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Scale in Feet

FIGURE 4
PROPOSED CORING LOCATIONS

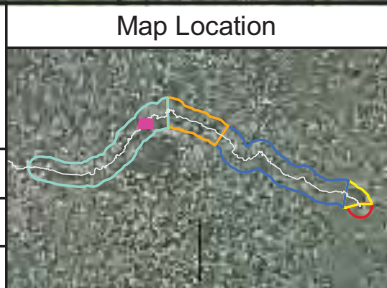
SHEET 19 OF 31

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



ENBRIDGE

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Legend

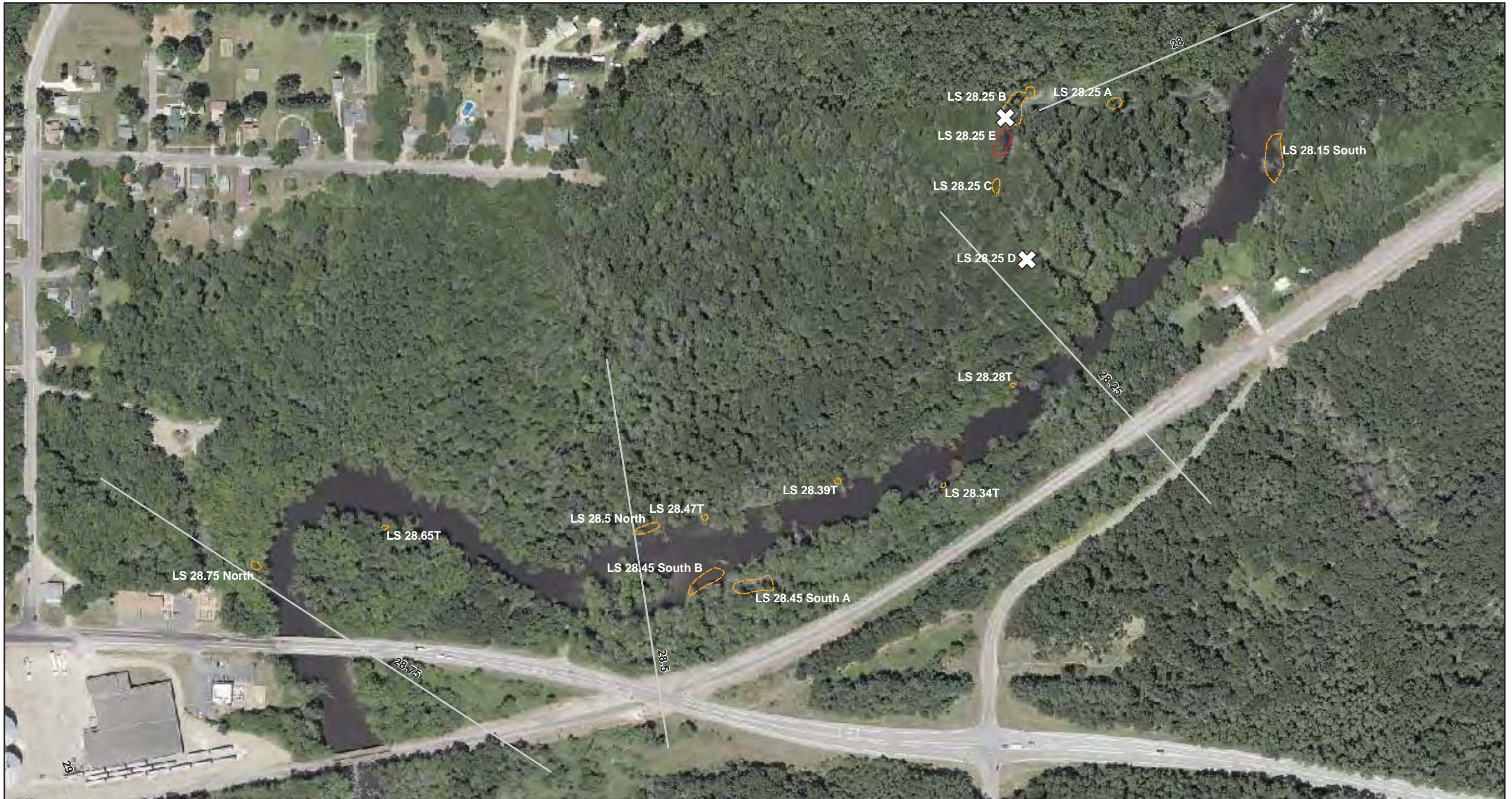
Proposed Core Locations	November 2011 Delineation Areas	Quarter Mile Grid Segment
New Core Location	Heavy	
Previous Core Location	Moderate	

Scale in Feet

FIGURE 4
PROPOSED CORING LOCATIONS

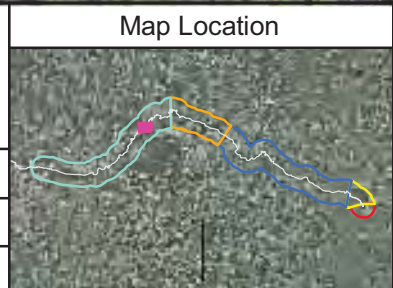
SHEET 20 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



ENBRIDGE

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 Approved: DBR 12/2/2011
 Project #: 106-4186



Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

— Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 4
PROPOSED CORING LOCATIONS

SHEET 21 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011

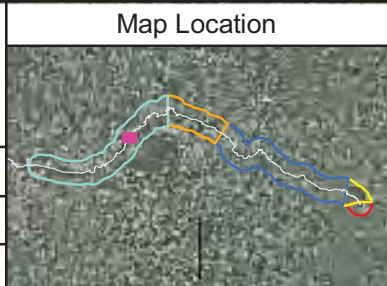


ENBRIDGE

Drawn: BRS 12/2/2011

Approved: DBR 12/2/2011

Project #: 106-4186



Legend

<p>Proposed Core Locations</p> <p> New Core Location</p> <p> Previous Core Location</p>	<p>November 2011 Delineation Areas</p> <p> Heavy</p> <p> Moderate</p>	<p> Quarter Mile Grid Segment</p>
---	---	-----------------------------------

Scale in Feet

FIGURE 4
PROPOSED CORING LOCATIONS

SHEET 22 OF 31

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

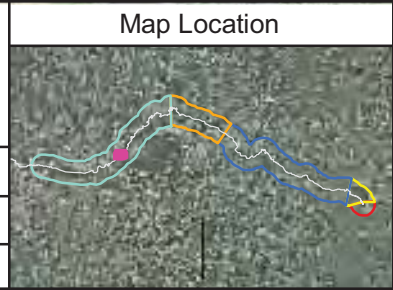


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Project #: 106-4186



Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

Quarter Mile Grid Segment

Scale in Feet

0 125 250 500


N

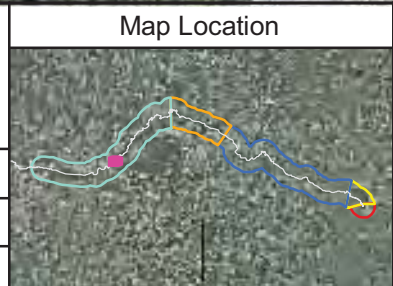
FIGURE 4
PROPOSED CORING LOCATIONS

SHEET 23 OF 31






ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP




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 Project #: 106-4186



Legend

 New Core Location  Previous Core Location	<p>November 2011 Delineation Areas</p>  Heavy  Moderate	 Quarter Mile Grid Segment
---	--	---






FIGURE 4
PROPOSED CORING LOCATIONS

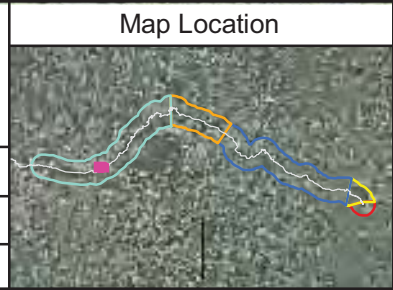
 SHEET 24 OF 31

 ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



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Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

— Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 4
PROPOSED CORING LOCATIONS

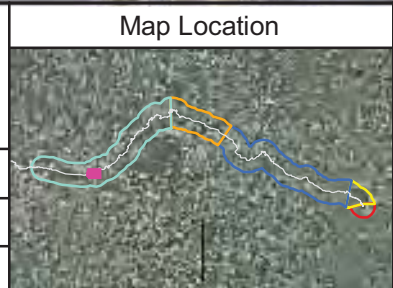
SHEET 25 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



ENBRIDGE

Drawn: BRS 12/2/2011
 Approved: DBR 12/2/2011
 Project #: 106-4186



Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

Quarter Mile Grid Segment

Scale in Feet: 0, 125, 250, 500

N

FIGURE 4
PROPOSED CORING LOCATIONS

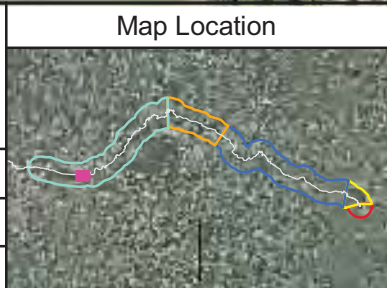
SHEET 26 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



ENBRIDGE

Drawn: BRS 12/2/2011
 Approved: DBR 12/2/2011
 Project #: 106-4186



Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

Quarter Mile Grid Segment

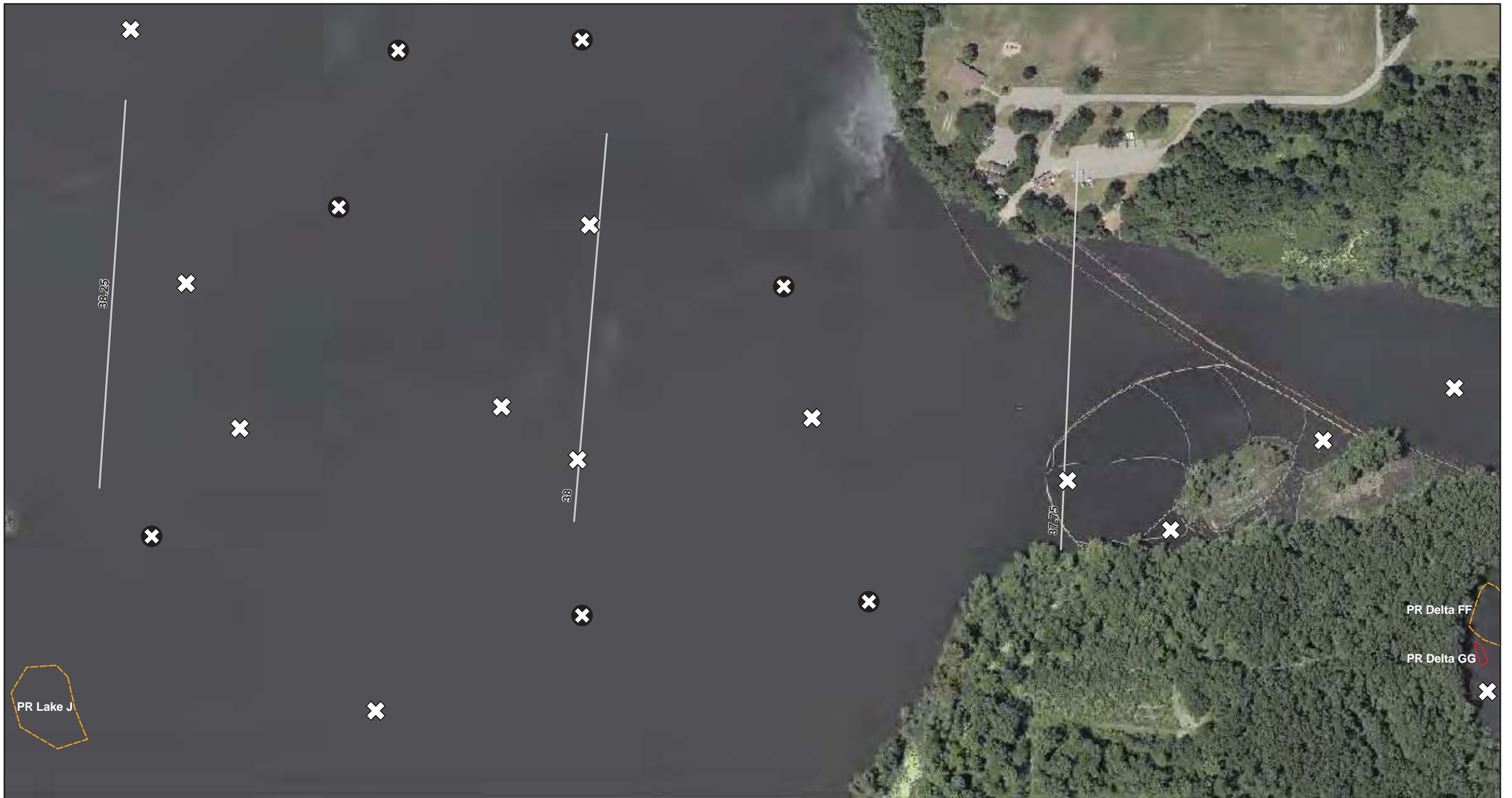
Scale in Feet

0 125 250 500

FIGURE 4
 PROPOSED CORING LOCATIONS

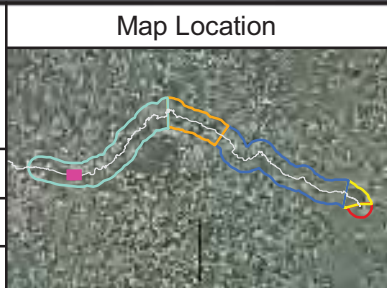
SHEET 27 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



ENBRIDGE

Drawn: BRS 12/2/2011
 Approved: DBR 12/2/2011
 Project #: 106-4186



Legend

Proposed Core Locations

- New Core Location (White 'X' symbol)
- Previous Core Location (Black 'X' symbol)

November 2011 Delineation Areas

- Heavy (Red outline)
- Moderate (Yellow outline)

Quarter Mile Grid Segment (White line)

Scale in Feet: 0, 125, 250, 500

N

FIGURE 4
PROPOSED CORING LOCATIONS

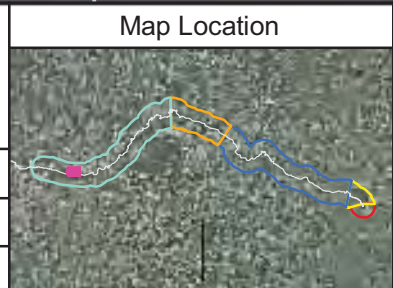
SHEET 28 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



ENBRIDGE

Drawn: BRS 12/2/2011
 Approved: DBR 12/2/2011
 Project #: 106-4186



Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

Quarter Mile Grid Segment

Scale in Feet

0 125 250 500

N

FIGURE 4
PROPOSED CORING LOCATIONS

SHEET 29 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

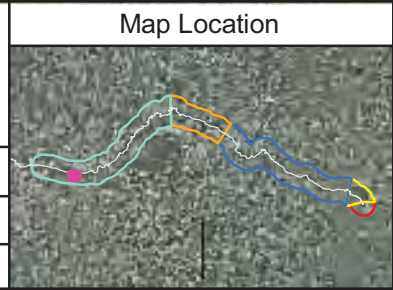


ENBRIDGE

Drawn: BRS 12/2/2011

Approved: DBR 12/2/2011

Project #: 106-4186



Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 4
PROPOSED CORING LOCATIONS

SHEET 30 OF 31

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

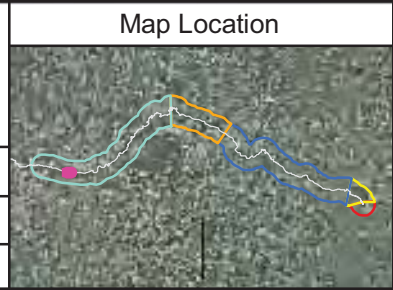


ENBRIDGE

Drawn: BRS 12/2/2011

Approved: DBR 12/2/2011

Project #: 106-4186



Legend

Proposed Core Locations

- New Core Location
- Previous Core Location

November 2011 Delineation Areas

- Heavy
- Moderate

Quarter Mile Grid Segment

Scale in Feet

0 125 250 500

N

FIGURE 4

PROPOSED CORING LOCATIONS

SHEET 31 OF 31

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

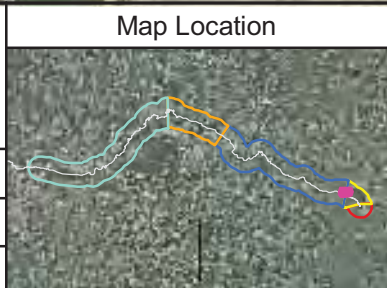


ENBRIDGE

Drawn: BRS 12/2/2011

Approved: DBR 12/2/2011

Project #: 106-4186



Legend

- ◊ Walling Suspended Sediment Location
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 5
PROPOSED WALLING SUSPENDED
SEDIMENT LOCATIONS

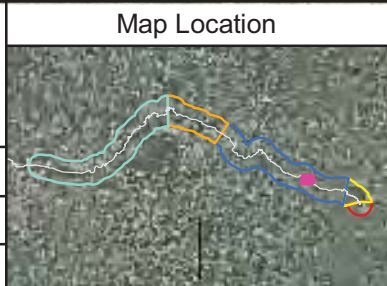
SHEET 1 OF 7

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP



ENBRIDGE

Drawn: BRS 12/2/2011
 Approved: DBR 12/2/2011
 Project #: 106-4186



Legend

- ◊ Walling Suspended Sediment Location
- November 2011 Delineation Areas
 - ▭ Heavy
 - ▭ Moderate
- Quarter Mile Grid Segment

N

0 125 250 500
Scale in Feet

FIGURE 5
PROPOSED WALLING SUSPENDED
SEDIMENT LOCATIONS

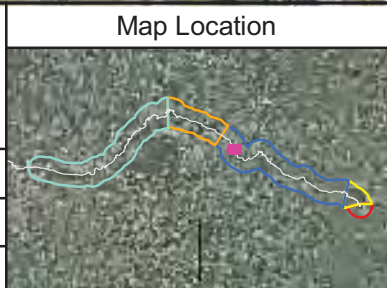
SHEET 2 OF 7

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



ENBRIDGE

Drawn: BRS 12/2/2011
 Approved: DBR 12/2/2011
 Project #: 106-4186



Legend

- ◊ Walling Suspended Sediment Location
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

N
 0 125 250 500
 Scale in Feet

FIGURE 5
PROPOSED WALLING SUSPENDED
SEDIMENT LOCATIONS

SHEET 3 OF 7

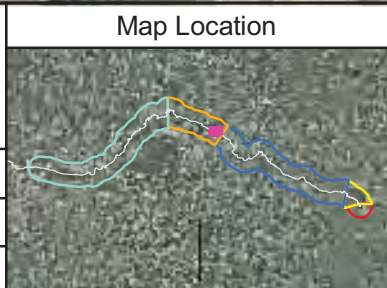
ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Aerial Photography Date: April 2011



ENBRIDGE

Drawn: BRS 12/2/2011
 Approved: DBR 12/2/2011
 Project #: 106-4186



Legend

- ◊ Walling Suspended Sediment Location
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

N

0 125 250 500
Scale in Feet

FIGURE 5
PROPOSED WALLING SUSPENDED
SEDIMENT LOCATIONS

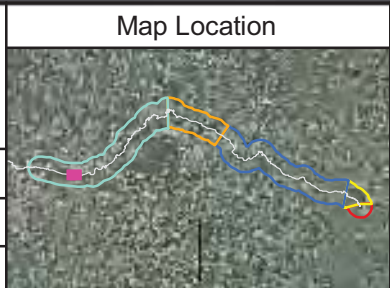
SHEET 4 OF 7

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



ENBRIDGE

Drawn: BRS 12/2/2011
 Approved: DBR 12/2/2011
 Project #: 106-4186



Legend

- ◊ Walling Suspended Sediment Location
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

N

0 125 250 500
Scale in Feet

FIGURE 5
 PROPOSED WALLING SUSPENDED
 SEDIMENT LOCATIONS

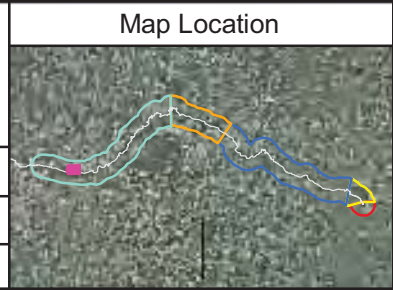
SHEET 5 OF 7

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP



ENBRIDGE

Drawn: BRS 12/2/2011
 Approved: DBR 12/2/2011
 Project #: 106-4186



Legend

- ◊ Walling Suspended Sediment Location
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

N

0 125 250 500
Scale in Feet

FIGURE 5
PROPOSED WALLING SUSPENDED
SEDIMENT LOCATIONS

SHEET 6 OF 7

ENBRIDGE LINE 6B MP 608
 MARSHALL, MI PIPELINE RELEASE
 ENBRIDGE ENERGY, LIMITED PARTNERSHIP

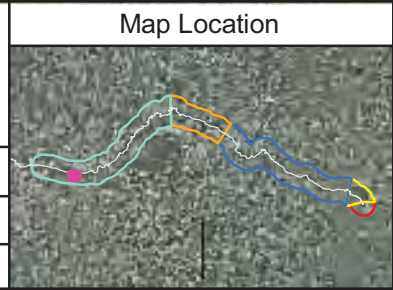


ENBRIDGE

Drawn: BRS 12/2/2011

Approved: DBR 12/2/2011

Project #: 106-4186



Legend

- ◊ Walling Suspended Sediment Location
- November 2011 Delineation Areas
 - Heavy
 - Moderate
- Quarter Mile Grid Segment

N

0 125 250 500

Scale in Feet

FIGURE 5
PROPOSED WALLING SUSPENDED
SEDIMENT LOCATIONS

SHEET 7 OF 7

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

Attachment D
Temperature Effects on Submerged Oil

Table 1. Study Design Summary
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

Target Water Bath Temperature, °F	Number of Sample Replicates
35	3
45	3
55	3
65	3
75	3
Final 75 °F agitation	All sample aliquots (15)

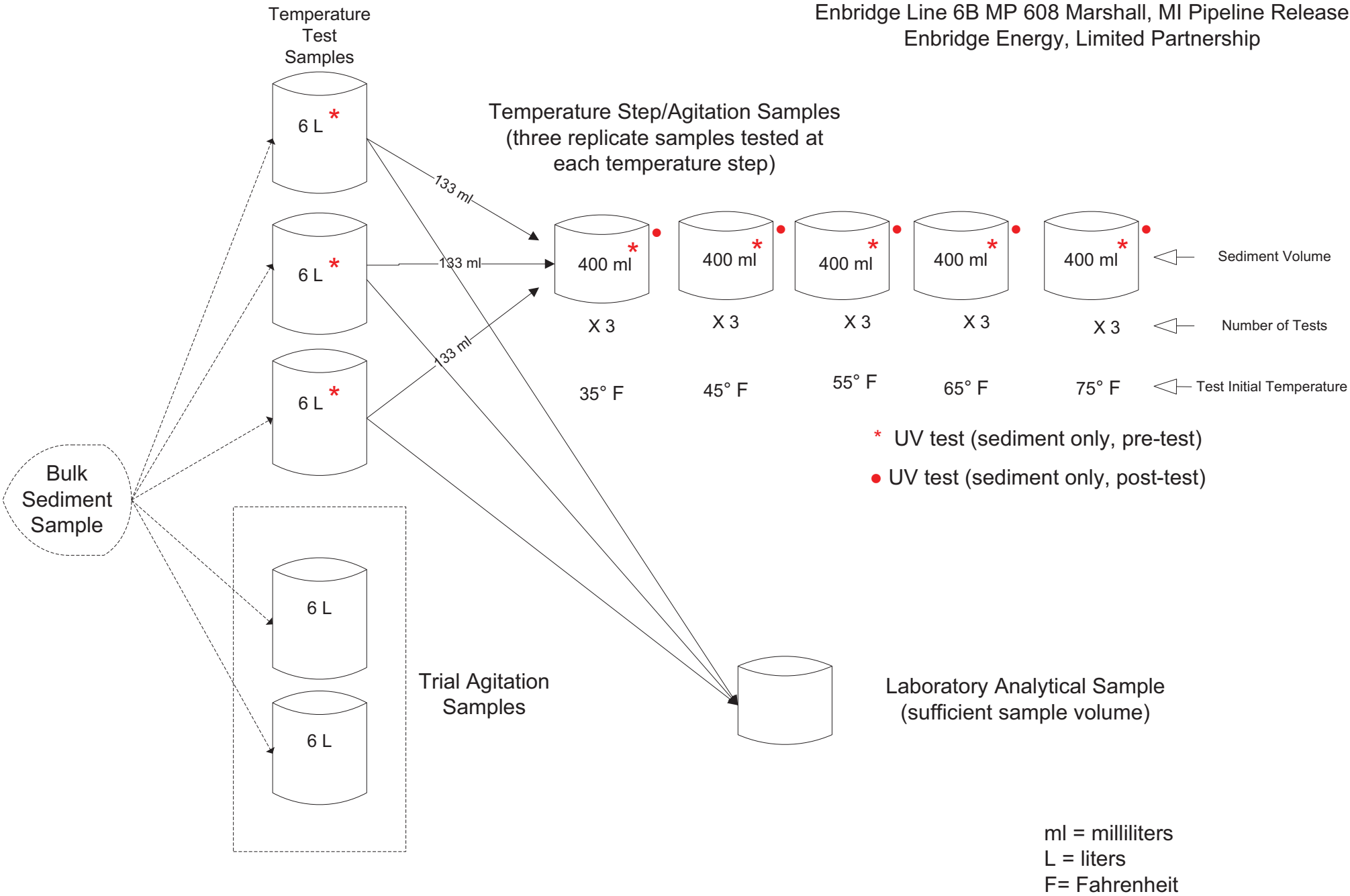
Table 2. Data Collection Parameters
 Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
 Enbridge Energy, Limited Partnership

Location	Observation period	Appearance and abundance of sheen and oil and photographs		Temperature		Laboratory Analysis	
		Natural Light	Ultraviolet Light	Sediment	Water	Analytical Parameters	Grain Size
Field	Prior to agitation	X	X	X	X	NA	X
	After agitation	X	X	NA	NA	NA	NA
Temperature controlled environment	Prior to agitation	X	X	X	X	X ¹	NA
	After 1 turn, each temperature range	X	X	NA	NA	NA	NA
	After 3 turns, each temperature range	X	X	X	X	NA	NA
Final Warm temperature agitation	Prior to agitation	X	X	X	X	NA	NA
	After 1 turn	X	X	NA	NA	NA	NA
	After 3 turns	X	X	X	X	NA	NA

NA = Not applicable.

¹ Split sample composited from the replicate samples. Analysis to include total petroleum hydrocarbons measured as diesel range organics and oil range organics, and for oil and grease and organic content.

Figure 1: Conceptual Sample Design
 Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
 Enbridge Energy, Limited Partnership



Attachment E
Overbank Oil Recovery Standard Operating Procedures

Approved

**Enbridge Line 6B MP 608
Marshall, MI Pipeline Release
Overbank Oil Recovery Standard Operating Procedures**

**Prepared for United States Environmental Protection Agency /
Michigan Department of Environmental Quality**

Enbridge Energy, Limited Partnership

Submitted: May 27, 2011

Approved: June 8, 2011

1.0 INTRODUCTION 1

2.0 SITE SELECTION 1

3.0 OVERBANK OIL RECOVERY PROCEDURES 2

 3.1 Mechanical Removal 2

 3.2 Vacuum Removal 3

 3.3 Organic Sorbent Application 3

LIST OF ACRONYMS

Enbridge	Enbridge Energy, Limited Partnership
GPS	global positioning system
Line 6B	The pipeline owned by Enbridge Energy, Limited Partnership that runs just south of Marshall, Michigan
MDEQ	Michigan Department of Environmental Quality
SCAT	Shoreline Cleanup Assessment Technique.
SOP	Standard Operating Procedure
U.S. EPA	United States Environmental Protection Agency
WTTD	Waste Treatment, Transportation and Disposal Plan

1.0 INTRODUCTION

The purpose of this Overbank Oil Recovery Standard Operating Procedure (SOP) is to provide general guidance to the ongoing recovery operations of overbank oil resulting from the July 2010 Enbridge Line 6B MP 608 pipeline release in Marshall, Michigan. This SOP addresses overbank oil recovery operations for the sites identified as requiring response activities by Enbridge Energy, Limited Partnership (Enbridge), the United States Environmental Protection Agency (U.S. EPA) and the Michigan Department of Environmental Quality (MDEQ).

This SOP expands upon the approved National Oceanic and Atmospheric Administration (NOAA) Shoreline Cleanup and Assessment Technique (SCAT) Cleanup Recommendations as presented in the September 14, 2010 Kalamazoo River/Enbridge Spill – Cleanup Recommendation Methods. The purpose of this SOP is to remove and recover free oil and oil that is likely to mobilize to the river. Additional investigation and remediation efforts will be conducted at sites identified for oil recovery at a later date and will follow the requirements of the MDEQ consent order.

2.0 SITE SELECTION

The selection of sites for overbank oil recovery using the outlined techniques will be jointly determined by Enbridge, the U.S. EPA, and the MDEQ based on current observed site conditions and the results of the reassessment process. Specific application of one or more of the presented oil recovery procedures will depend upon a number of factors including:

- Site access and logistics;
- Type(s) of remaining oil;
- Ecological setting/sensitivity, and
- Physical setting of the area (wetlands, wood, vegetative cover, etc.).

Overbank locations will be delineated and flagged prior to recovery operations. Areas of concern (i.e. sensitive areas, priority areas, hotspots) will be clearly marked. All boundaries (pre and post removal) will be documented using global positioning survey (GPS) equipment capable of sub-meter accuracy. This information, along with photographs and field notes,

will be recorded. Concurrence of the agencies with the locations delineated will be obtained prior to commencement of operations.

All response activities will be communicated to and coordinated with the U.S. EPA and the MDEQ prior to mobilization. Oil recovery activities will be conducted in a manner that is safe, and that minimizes the potential to contaminate adjacent areas included the migration of contaminants deeper into the soil. Appropriate personal protective equipment (PPE) will be worn and appropriate measures, including decontamination will be developed and implemented to protect un-impacted areas. All generated waste will be safely handled, containerized, transported, and disposed of pursuant to the approved Waste Treatment, Transportation and Disposal Plan (WTTD).

3.0 OVERBANK OIL RECOVERY PROCEDURES

The following approved oil recovery methods are described in the September 14, 2010 Kalamazoo River/Enbridge Spill – Cleanup Recommendation Methods:

- Manual removal (raking, shoveling, hand);
- Vegetation removal;
- Low pressure cold water flushing, and
- Sorbent material (booms, snares).

In addition to the above approved methods, the following techniques are proposed. These may be used as standalone options or in combination:

- Mechanical soil removal;
- Vacuum removal, and
- Organic sorbents.

3.1 Mechanical Soil Removal

The use of small excavators may be employed at sites where the area of a maximum of oil recovery makes manual recovery inefficient. The maximum depth of excavation will not exceed 6 inches. Small excavators will be used to scrap soil and vegetation to remove oil and oil saturated media. Consideration will be given to minimize impact to the site by the excavator during both access and oil recovery. Excavators will avoid wetlands and sensitive

areas. Mats will be used as applicable to minimize disturbance to the soil. Care will be taken to minimize the impact to woody vegetation.

The oily material will be containerized and transport to Frac Tank City for proper characterization and disposal pursuant to the approved WTTD.

3.2 Vacuum Removal

The use of vacuum devices to remove oil and oil saturated media may be employed at sites. Vegetation will be cleared from the area to be vacuumed and oil and oily soil will be collected using a portable vacuum or other suction device. Areas accessible by land may utilize truck mounted vacuum units.

All oiled soil and debris will be double bagged or drummed and transport to Frac Tank City for proper characterization and disposal pursuant to the approved WTTD.

3.3 Organic Sorbent Application

The use of organic oil sorbent material (peat) may be employed at sites to remove free oil. Vegetation will be cleared from around identified location and the selected sorbent will be by applied by hand and gently raked into the oiled areas. The applied sorbent will remain for a minimum of 24 hours for absorption. Following 24 hours, the area will be examined to determine if additional treatment is needed.

All used sorbent will be removed using rakes and/or vacuum and will be double bagged or drummed and transport to Frac Tank City for proper characterization and disposal pursuant to the approved WTTD.

Attachment F
Schedule

