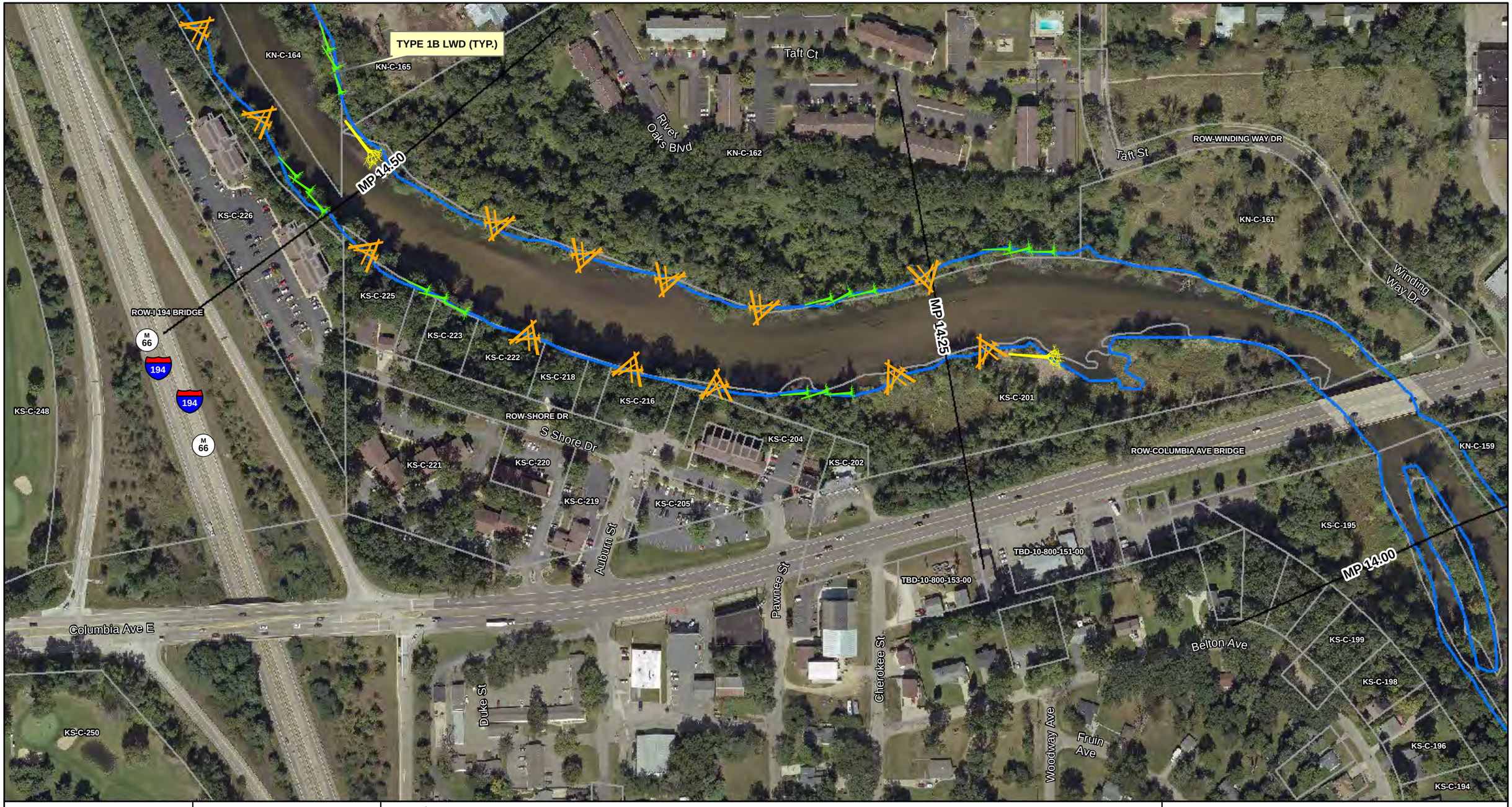

ENBRIDGE

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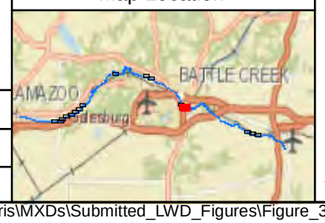
Project #:	60481718	

Map Location



Legend

Large Woody Debris Typical Structures and Cumulative Count per Reach

- Type 1A (0)
- Type 1B (42)
- Type 2 (18)
- Type 3 (3)
- Toe Wood (0)

- Quarter Mile Grid Segments
- Appoximate River Bank
- Parcel

LWD - large woody debris
(TYP.) - typical

N

0 100 200 400
Scale in Feet

FIGURE 3
PROPOSED LARGE WOODY DEBRIS
REPLACEMENT LOCATIONS
SHEET 1 OF 16

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

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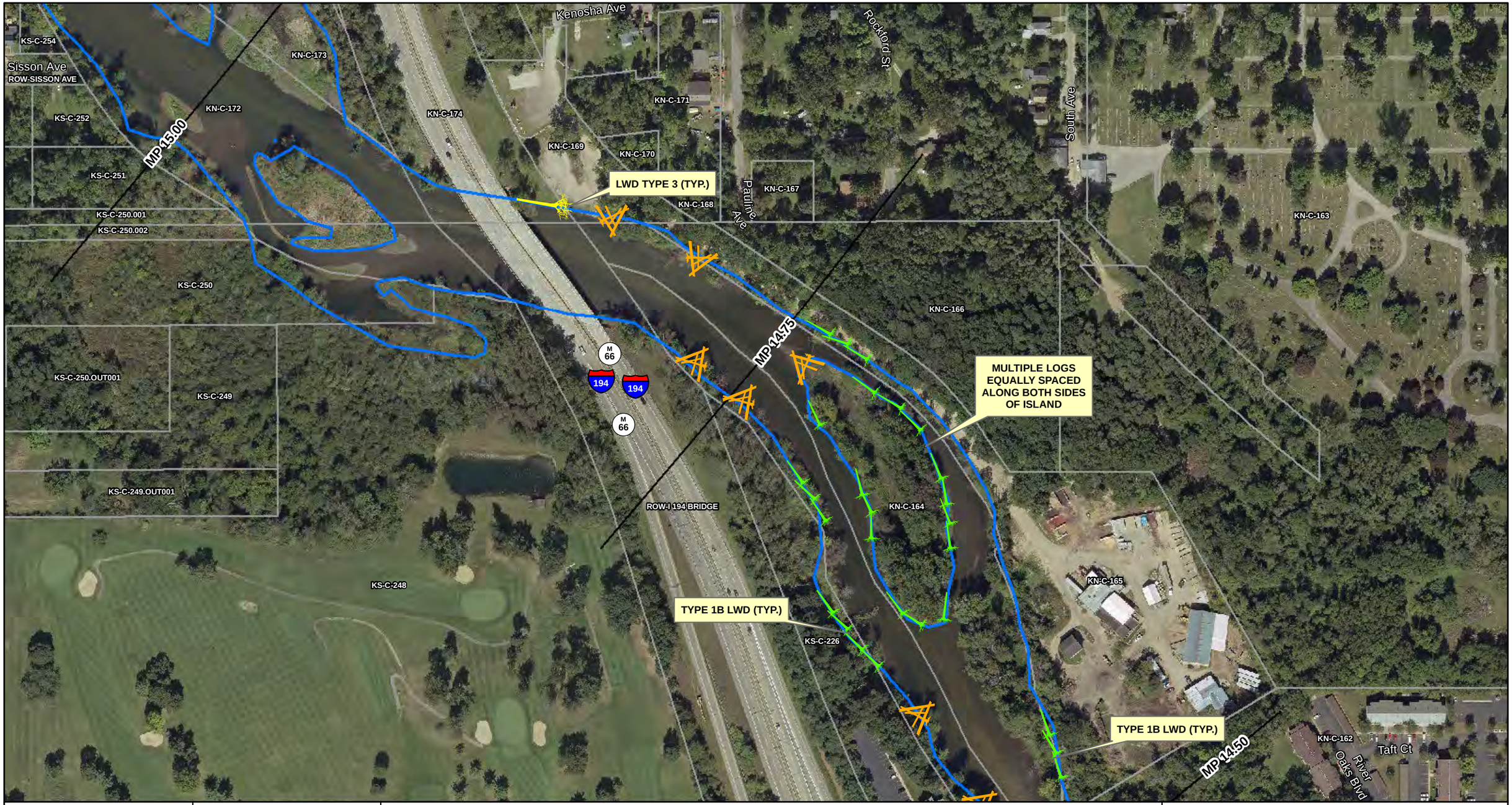
Aerial Photography Date: September 2015



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Drawn:	NS	6/1/2016
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Project #:	60481718	

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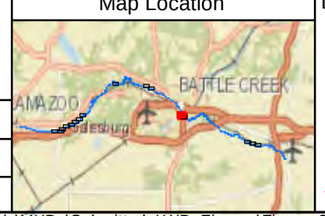

Legend

Large Woody Debris Typical Structures and Cumulative Count per Reach

- Type 1A (0)
- Type 1B (42)
- Type 2 (18)
- Type 3 (3)
- Toe Wood (0)

- Quarter Mile Grid Segments
- Appoximate River Bank
- Parcel

LWD - large woody debris
(TYP.) - typical

N

0 100 200 400
Scale in Feet

FIGURE 3
PROPOSED LARGE WOODY DEBRIS REPLACEMENT LOCATIONS
SHEET 2 OF 16

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

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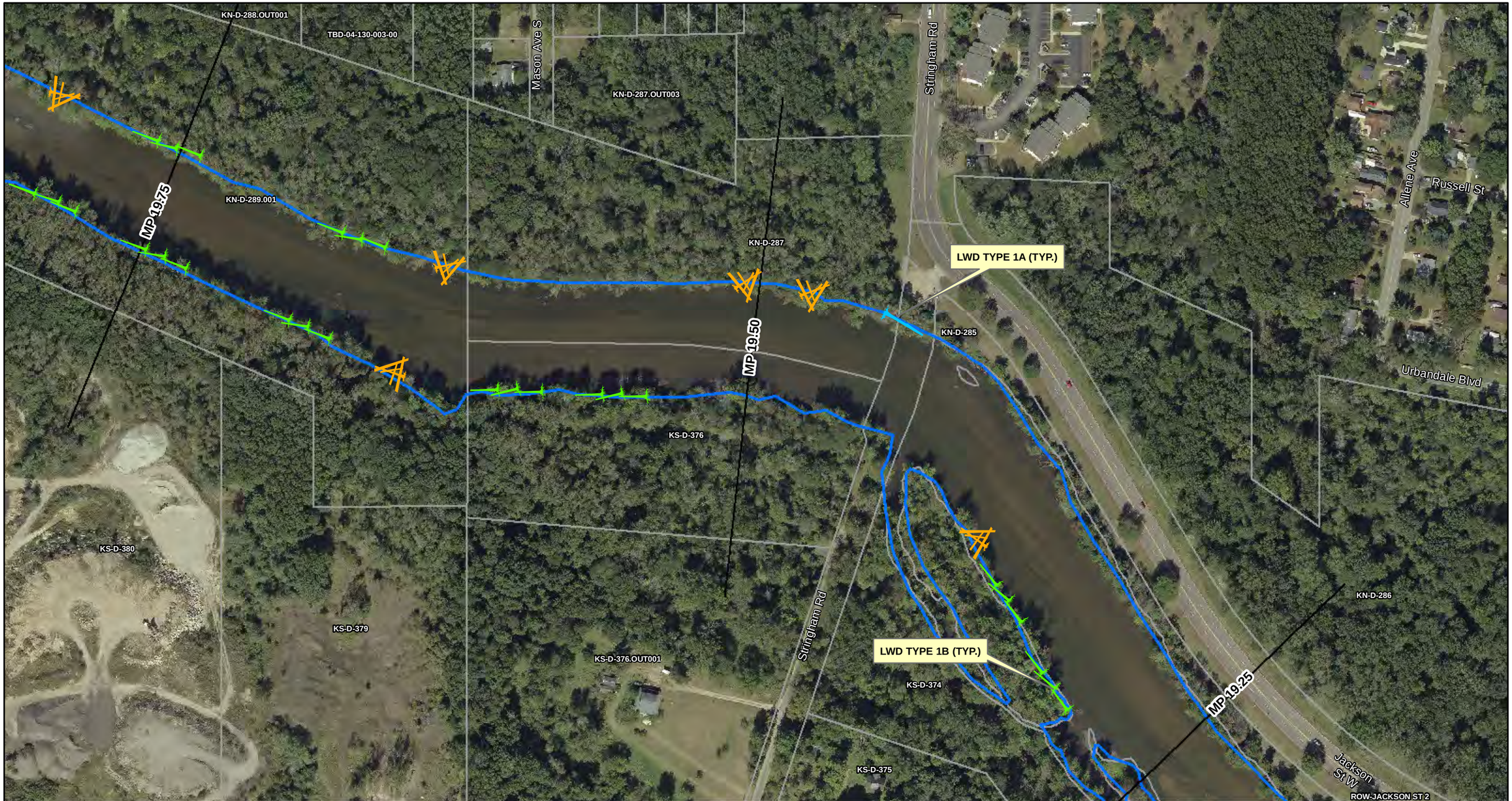

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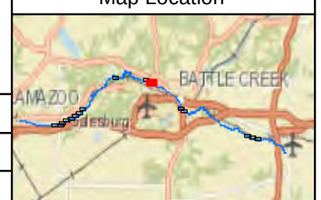
Drawn:	NS	6/1/2016
Approved:	BP	6/1/2016
Project #:	60481718	

Map Location



Legend

Large Woody Debris Typical Structures and Cumulative Count per Reach

- Type 1A (1)
- Type 1B (30)
- Type 2 (11)
- Type 3 (1)
- Toe Wood (0)

- Quarter Mile Grid Segments
- Appoximate River Bank
- Parcel

LWD - large woody debris
(TYP.) - typical

N

0 100 200 400
Scale in Feet

FIGURE 3
PROPOSED LARGE WOODY DEBRIS
REPLACEMENT LOCATIONS
SHEET 3 OF 16

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

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Aerial Photography Date: September 2015

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Drawn:	NS	6/1/2016
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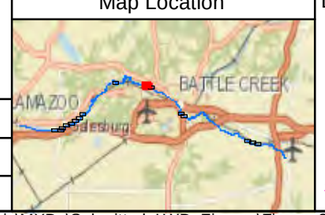
Project #:	60481718	

Map Location



Legend

Large Woody Debris Typical Structures and Cumulative Count per Reach

- Type 1A (1)
- Type 1B (30)
- Type 2 (11)
- Type 3 (1)
- Toe Wood (0)

- Quarter Mile Grid Segments
- Appoximate River Bank
- Parcel

LWD - large woody debris
(TYP.) - typical

N

0 100 200 400
Scale in Feet

FIGURE 3
PROPOSED LARGE WOODY DEBRIS
REPLACEMENT LOCATIONS
SHEET 4 OF 16

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

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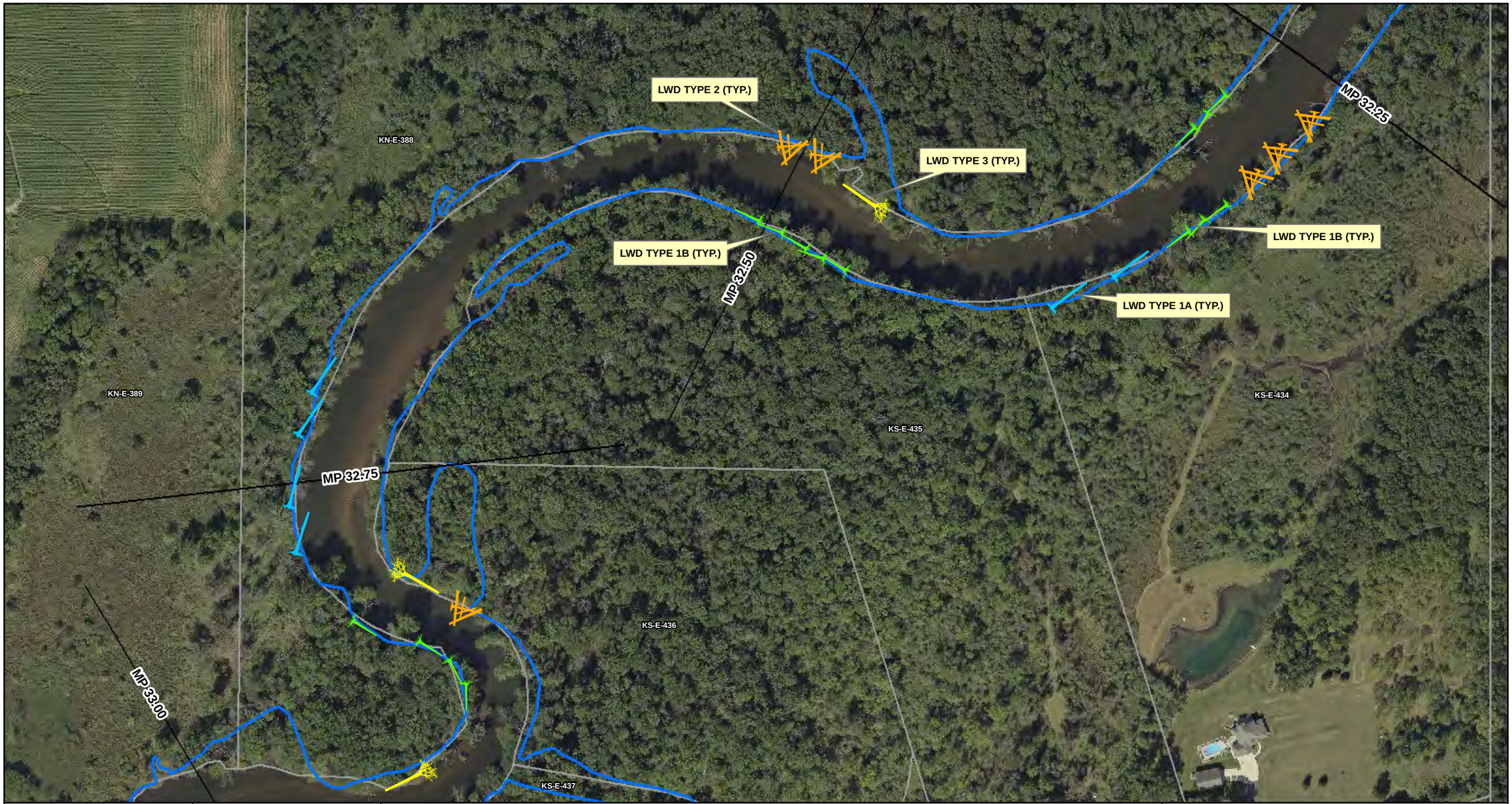

ENBRIDGE

Drawn:	NS	6/1/2016
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Project #:	60481718	

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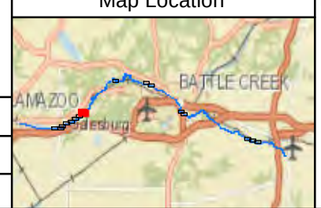

Legend

Large Woody Debris Typical Structures and Cumulative Count per Reach

- Type 1A (14)
- Type 1B (69)
- Type 2 (35)
- Type 3 (9)
- Toe Wood (0)

- Quarter Mile Grid Segments
- Appoximate River Bank
- Parcel

LWD - large woody debris
(TYP.) - typical

N

0 100 200 400
Scale in Feet

FIGURE 3
PROPOSED LARGE WOODY DEBRIS
REPLACEMENT LOCATIONS
SHEET 5 OF 16

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

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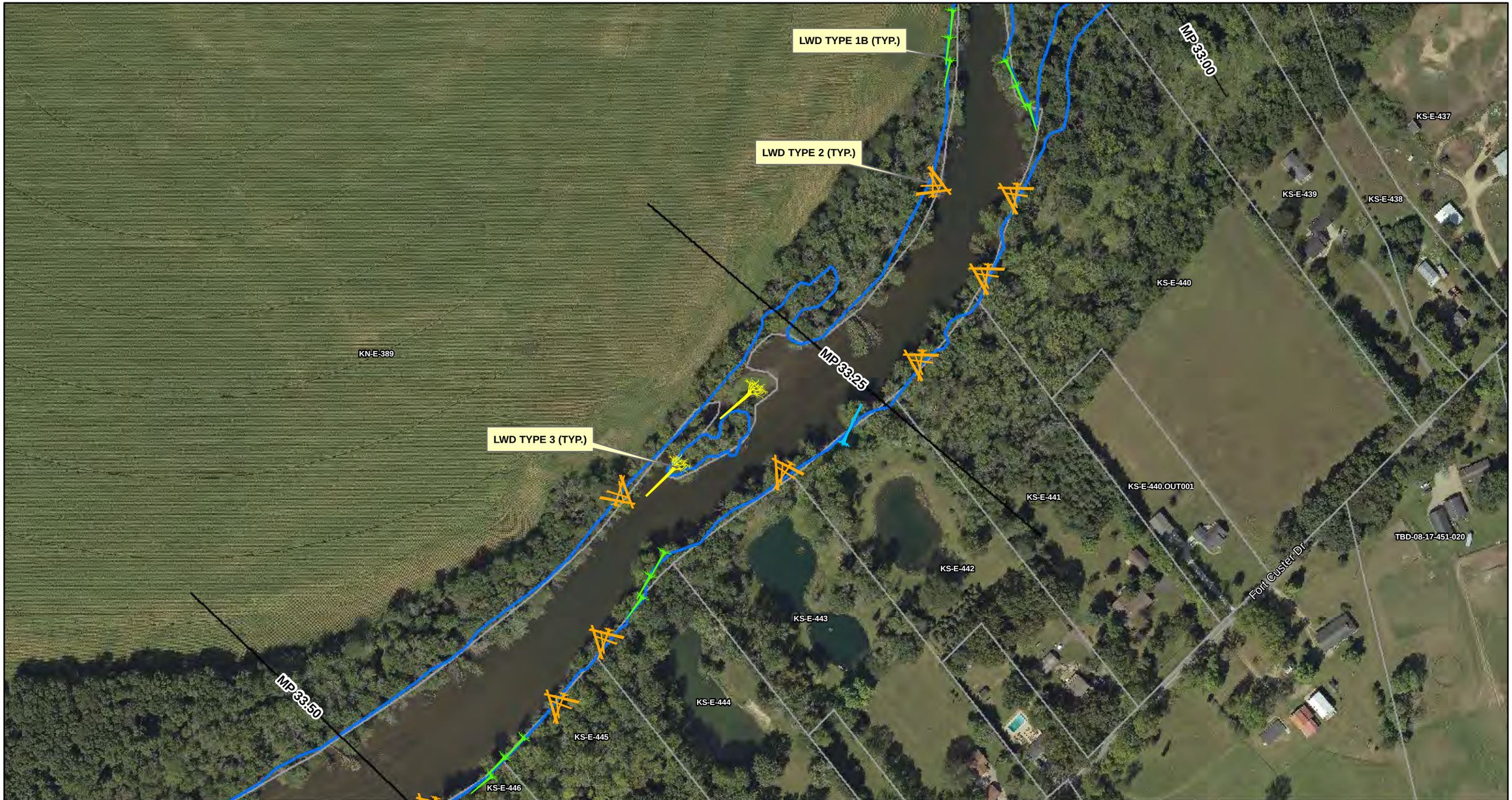

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Project #:	60481718	

Map Location

Legend

Large Woody Debris Typical Structures and Cumulative Count per Reach

- Type 1A (14)
- Type 1B (69)
- Type 2 (35)
- Type 3 (9)
- Toe Wood (0)

- Quarter Mile Grid Segments
- Appoximate River Bank
- Parcel

LWD - large woody debris
(TYP.) - typical

N

0 100 200 400
Scale in Feet

FIGURE 3
PROPOSED LARGE WOODY DEBRIS
REPLACEMENT LOCATIONS
SHEET 6 OF 16

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

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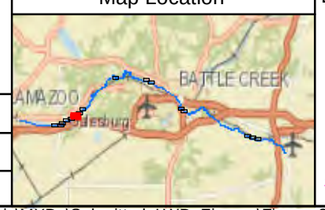
Map Location



Legend

Large Woody Debris Typical Structures and Cumulative Count per Reach

- Type 1A (14)
- Type 1B (69)
- Type 2 (35)
- Type 3 (9)
- Toe Wood (0)

- Quarter Mile Grid Segments
- Appoximate River Bank
- Parcel

LWD - large woody debris
(TYP.) - typical

N

0 100 200 400
Scale in Feet

FIGURE 3
PROPOSED LARGE WOODY DEBRIS
REPLACEMENT LOCATIONS
SHEET 7 OF 16

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

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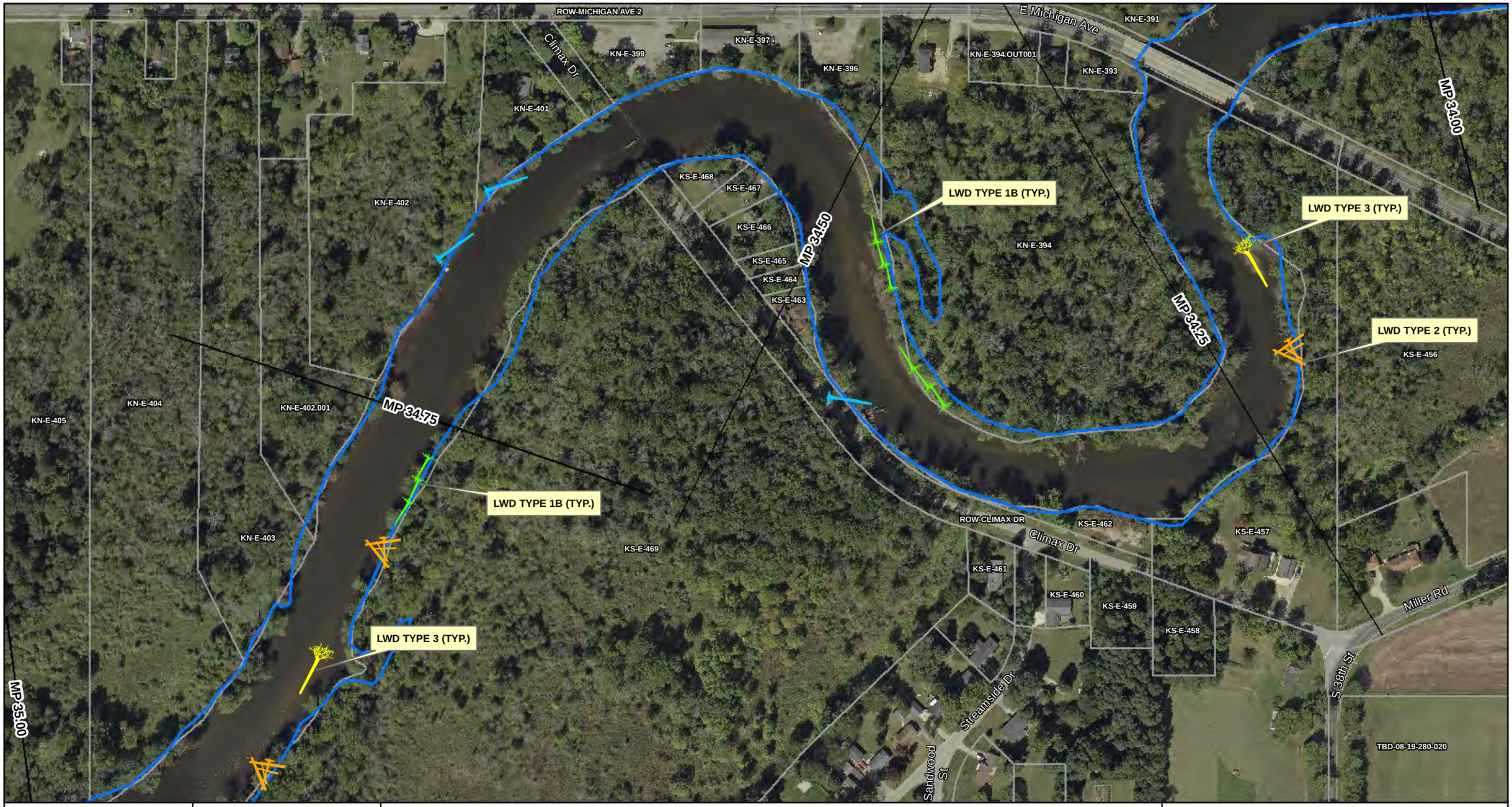

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Project #:	60481718	

Map Location

Legend

Large Woody Debris Typical Structures and Cumulative Count per Reach

- Type 1A (14)
- Type 1B (69)
- Type 2 (35)
- Type 3 (9)
- Toe Wood (0)

- Quarter Mile Grid Segments
- Appoximate River Bank
- Parcel

LWD - large woody debris
(TYP.) - typical

N

0 100 200 400
Scale in Feet

FIGURE 3
PROPOSED LARGE WOODY DEBRIS
REPLACEMENT LOCATIONS
SHEET 8 OF 16

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

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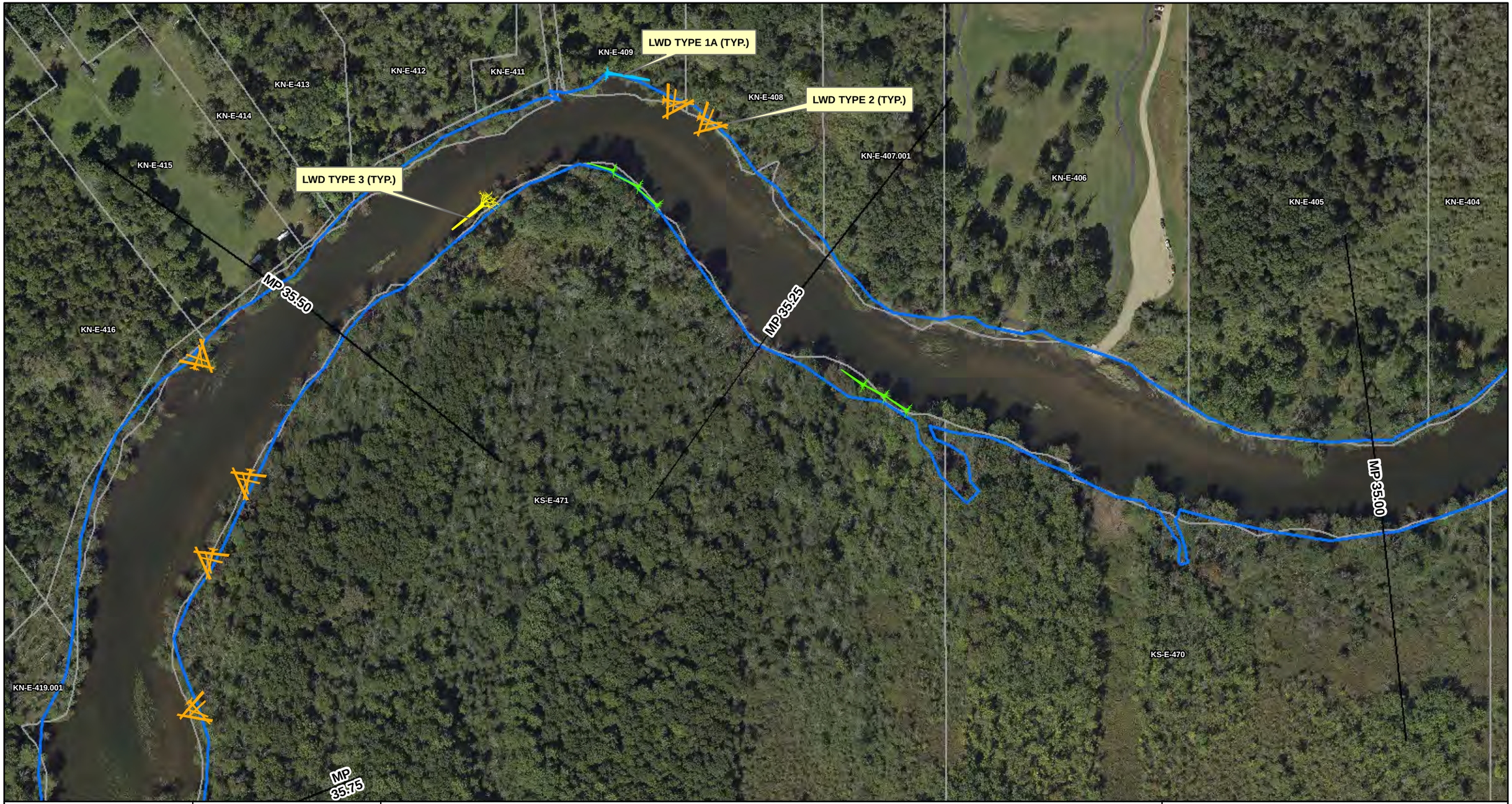

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Drawn:	NS	6/1/2016
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Project #:	60481718	

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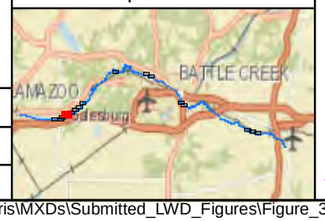

Legend

Large Woody Debris Typical Structures and Cumulative Count per Reach

- Type 1A (14)
- Type 1B (69)
- Type 2 (35)
- Type 3 (9)
- Toe Wood (0)

- Quarter Mile Grid Segments
- Appoximate River Bank
- Parcel

LWD - large woody debris
(TYP.) - typical

N

0 100 200 400
Scale in Feet

FIGURE 3
PROPOSED LARGE WOODY DEBRIS
REPLACEMENT LOCATIONS
SHEET 9 OF 16

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

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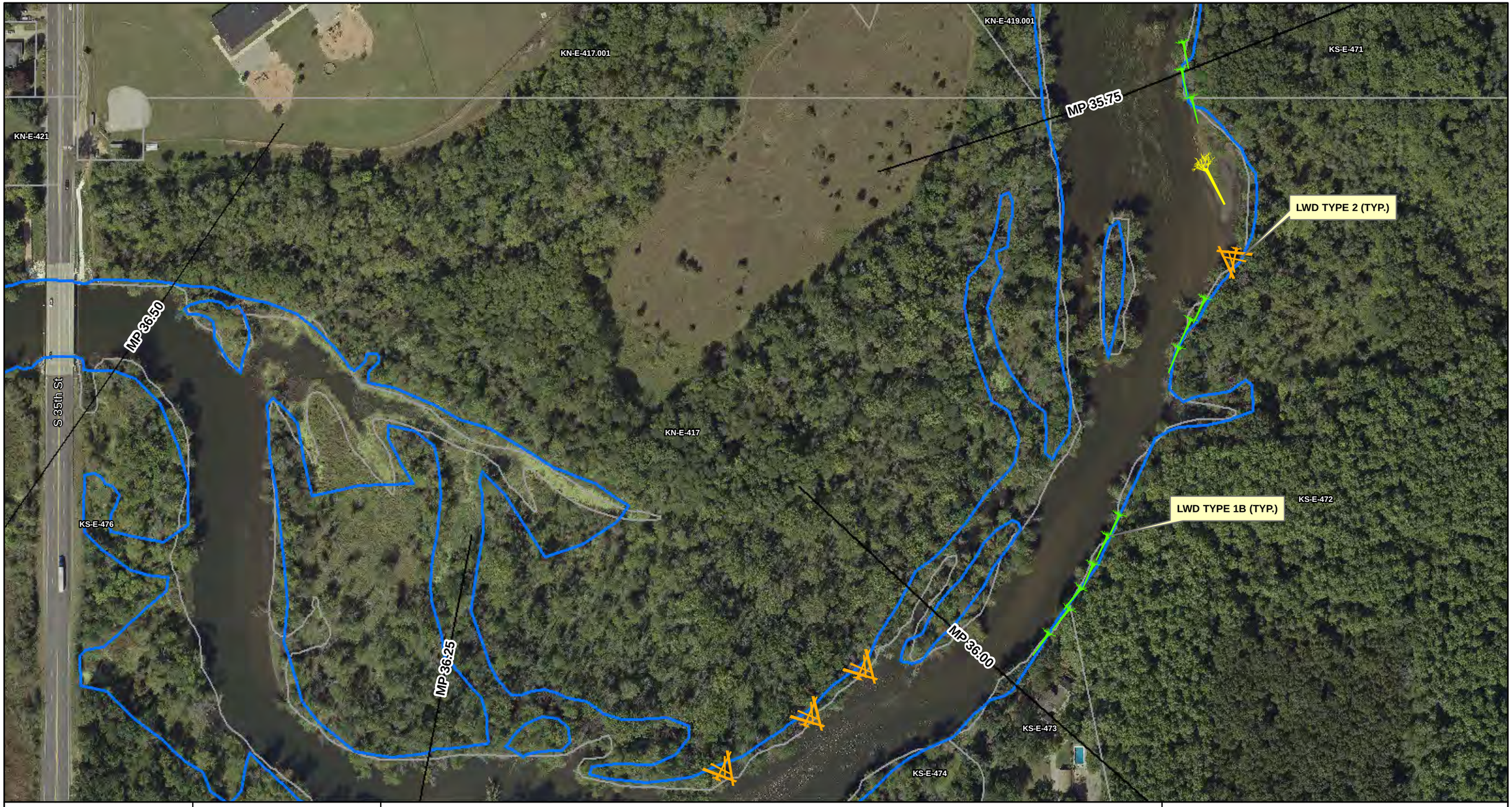

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Project #:	60481718	

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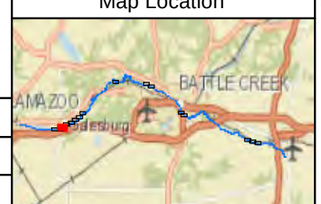

Legend

Large Woody Debris Typical Structures and Cumulative Count per Reach

- Type 1A (14)
- Type 1B (69)
- Type 2 (35)
- Type 3 (9)
- Toe Wood (0)

- Quarter Mile Grid Segments
- Appoximate River Bank
- Parcel

LWD - large woody debris
(TYP.) - typical

N

0 100 200 400
Scale in Feet

FIGURE 3
PROPOSED LARGE WOODY DEBRIS
REPLACEMENT LOCATIONS
SHEET 10 OF 16

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

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Aerial Photography Date: September 2015

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Project #:	60481718	

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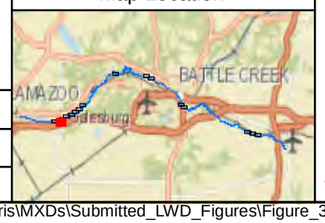

Legend

Large Woody Debris Typical Structures and Cumulative Count per Reach

- Type 1A (14)
- Type 1B (69)
- Type 2 (35)
- Type 3 (9)
- Toe Wood (0)

- Quarter Mile Grid Segments
- Appoximate River Bank
- Parcel

LWD - large woody debris
(TYP.) - typical

N

0 100 200 400
Scale in Feet

FIGURE 3
PROPOSED LARGE WOODY DEBRIS
REPLACEMENT LOCATIONS
SHEET 11 OF 16

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

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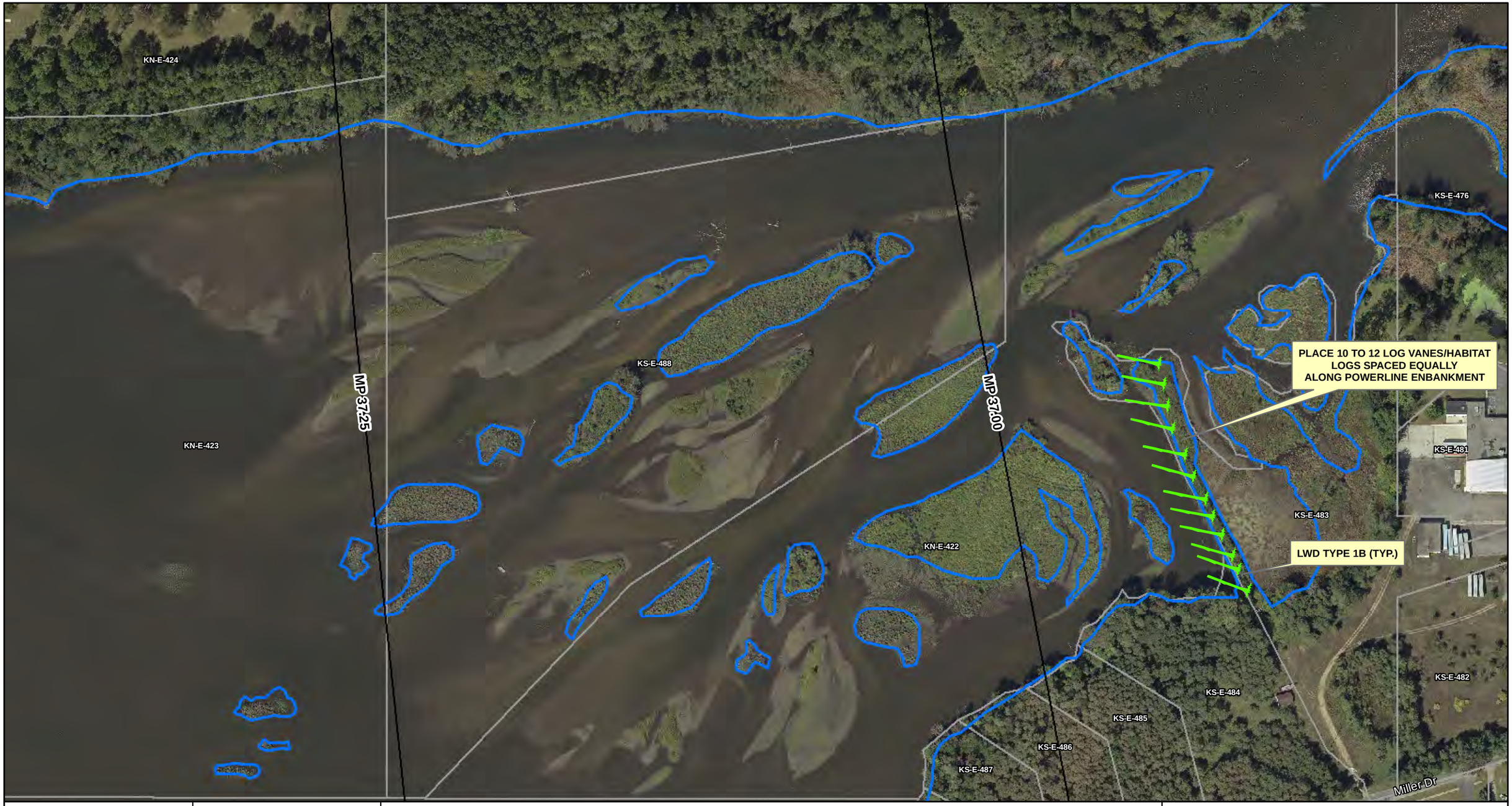

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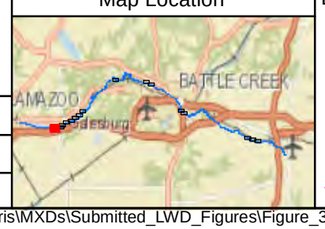

Legend

Large Woody Debris Typical Structures and Cumulative Count per Reach

- Type 1A (0)
- Type 1B (12)
- Type 2 (0)
- Type 3 (0)
- Toe Wood (0)

- Quarter Mile Grid Segments
- Appoximate River Bank
- Parcel

LWD - large woody debris
(TYP.) - typical

N

0 100 200 400
Scale in Feet

FIGURE 3
PROPOSED LARGE WOODY DEBRIS REPLACEMENT LOCATIONS
SHEET 12 OF 16

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

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Aerial Photography Date: September 2015

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Project #:	60481718	

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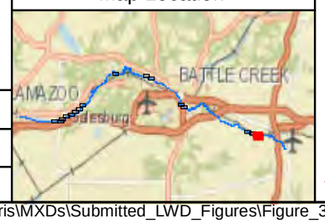

Legend

Large Woody Debris Typical Structures and Cumulative Count per Reach

- Type 1A (2)
- Type 1B (14)
- Type 2 (0)
- Type 3 (0)
- Toe Wood (0)

- Quarter Mile Grid Segments
- Appoximate River Bank
- Parcel

LWD - large woody debris
(TYP.) - typical

N

0 100 200 400
Scale in Feet

FIGURE 3
PROPOSED LARGE WOODY DEBRIS
REPLACEMENT LOCATIONS
SHEET 13 OF 16

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

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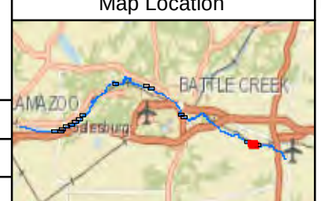

Legend

Large Woody Debris Typical Structures and Cumulative Count per Reach

Type 1A	(2)
Type 1B	(14)
Type 2	(0)
Type 3	(0)
Toe Wood	(0)

Quarter Mile Grid Segments
Appoximate River Bank
Parcel

LWD - large woody debris
(TYP.) - typical

N

0 100 200 400
Scale in Feet

FIGURE 3
PROPOSED LARGE WOODY DEBRIS
REPLACEMENT LOCATIONS
SHEET 14 OF 16

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

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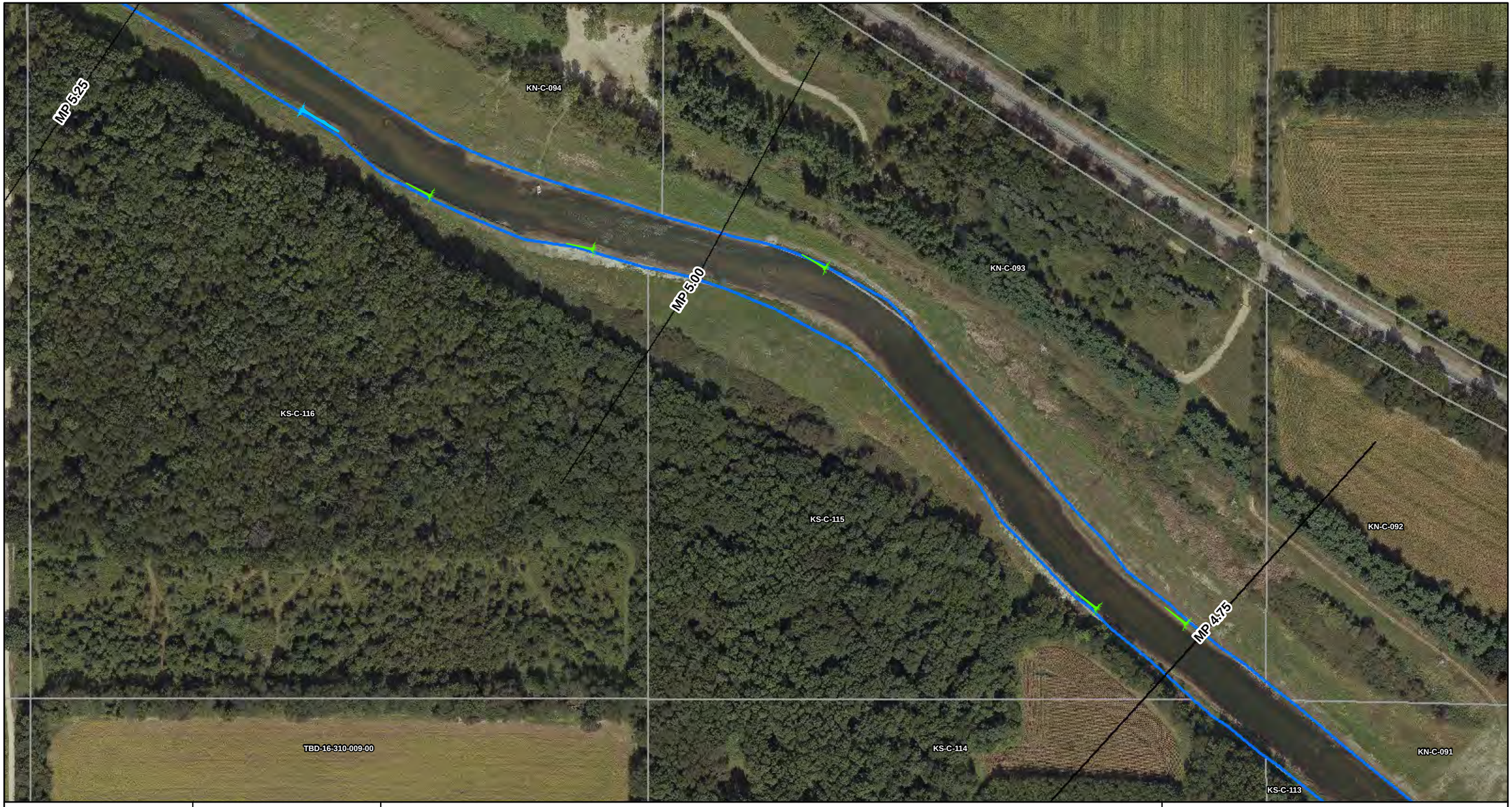

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Project #:	60481718	

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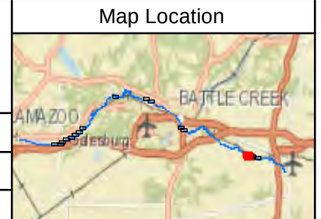

Legend

Large Woody Debris Typical Structures and Cumulative Count per Reach

- Type 1A (2)
- Type 1B (14)
- Type 2 (0)
- Type 3 (0)
- Toe Wood (0)

- Quarter Mile Grid Segments
- Appoximate River Bank
- Parcel

LWD - large woody debris
(TYP.) - typical

N

0 100 200 400
Scale in Feet

FIGURE 3
PROPOSED LARGE WOODY DEBRIS
REPLACEMENT LOCATIONS
SHEET 15 OF 16

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

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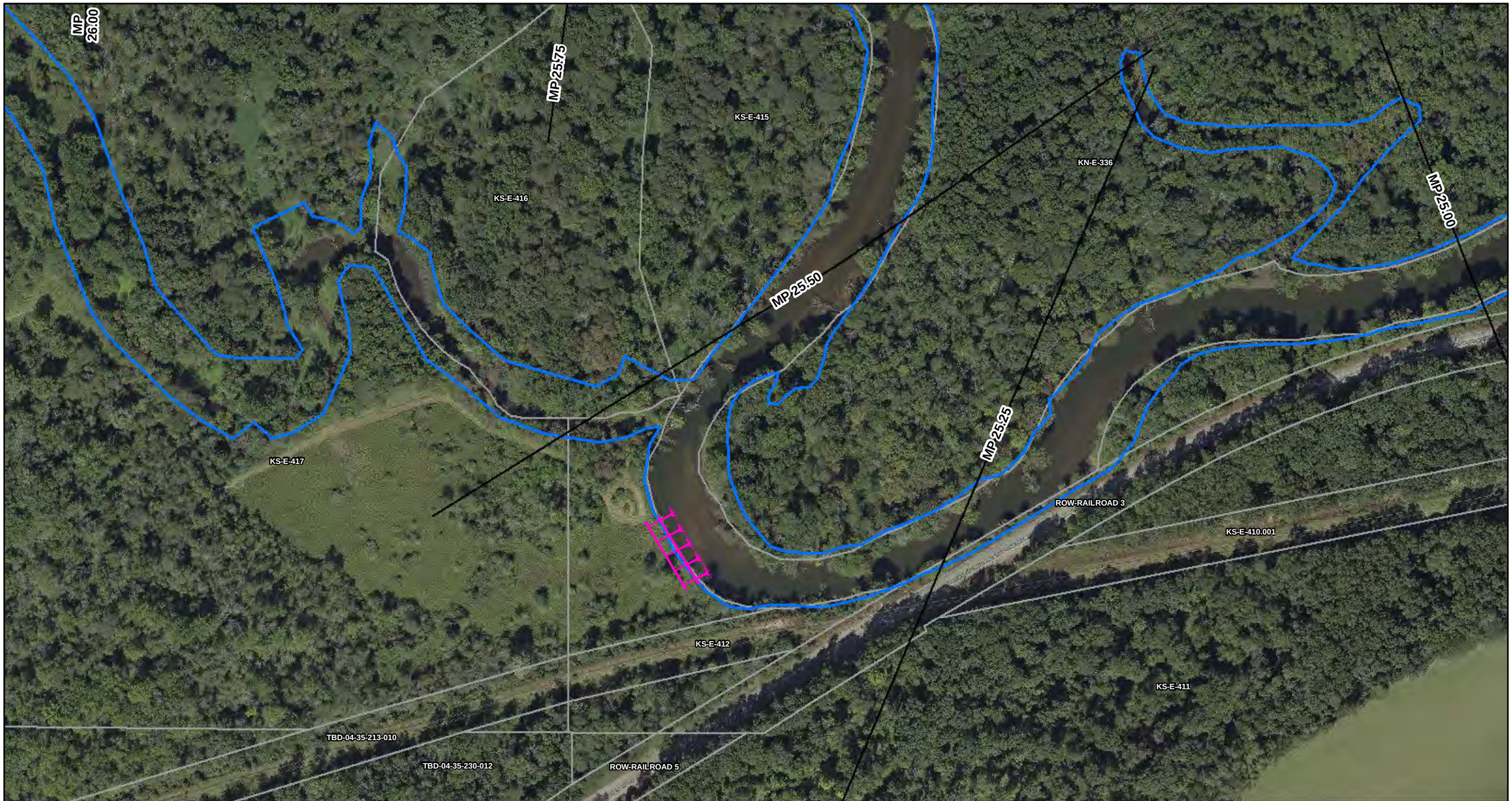

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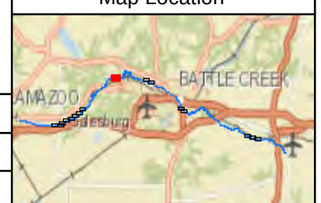
Project #:	60481718	

Map Location



Legend

Large Woody Debris Typical Structures and Cumulative Count per Reach

- Type 1A (0)
- Type 1B (0)
- Type 2 (0)
- Type 3 (0)
- Toe Wood (1)

- Quarter Mile Grid Segments
- Appoximate River Bank
- Parcel

LWD - large woody debris
(TYP.) - typical

N

0 100 200 400
Scale in Feet

FIGURE 3
PROPOSED LARGE WOODY DEBRIS
REPLACEMENT LOCATIONS
SHEET 16 OF 16

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

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