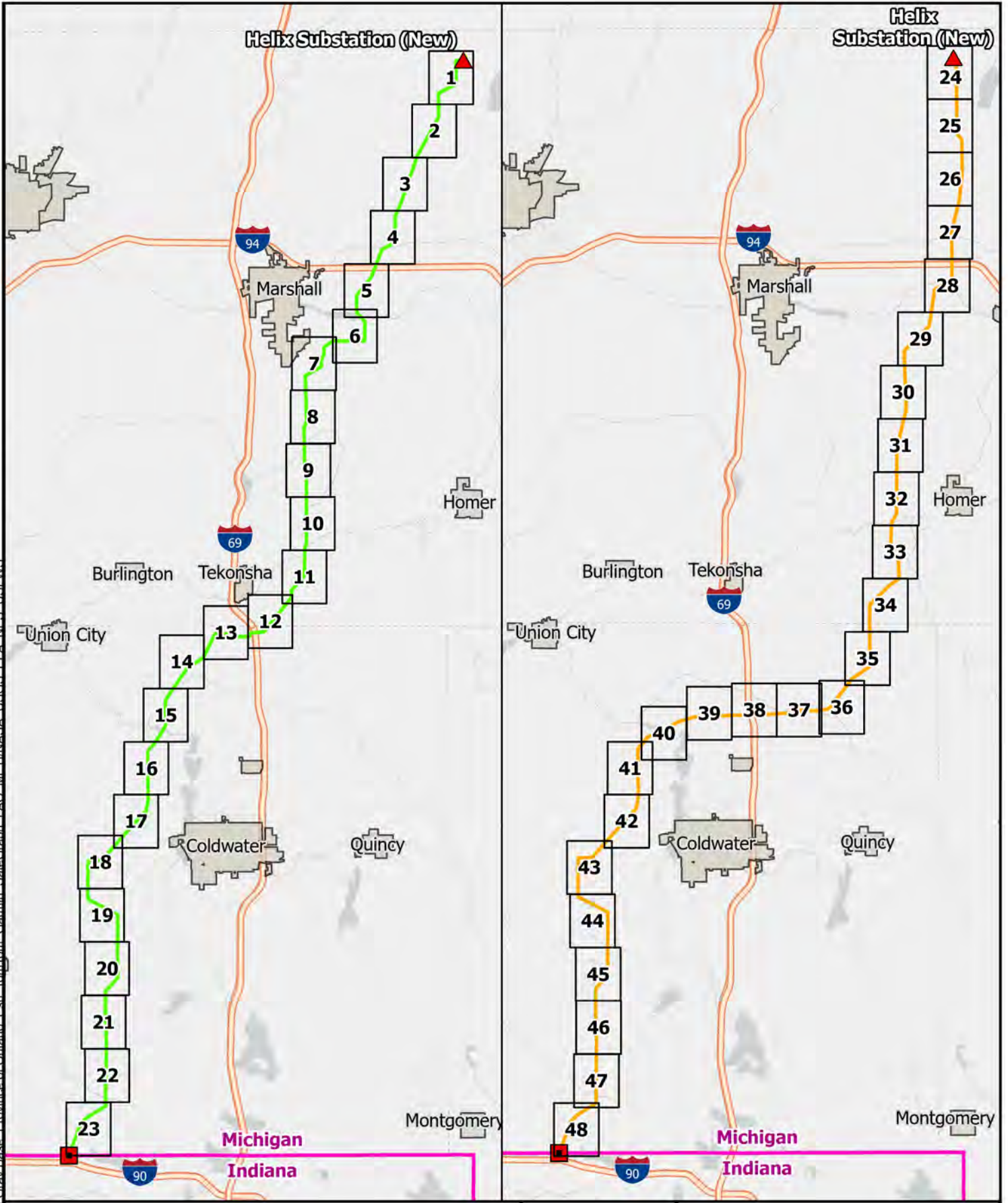
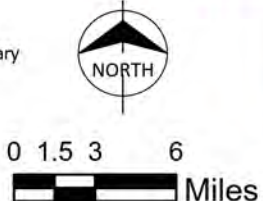


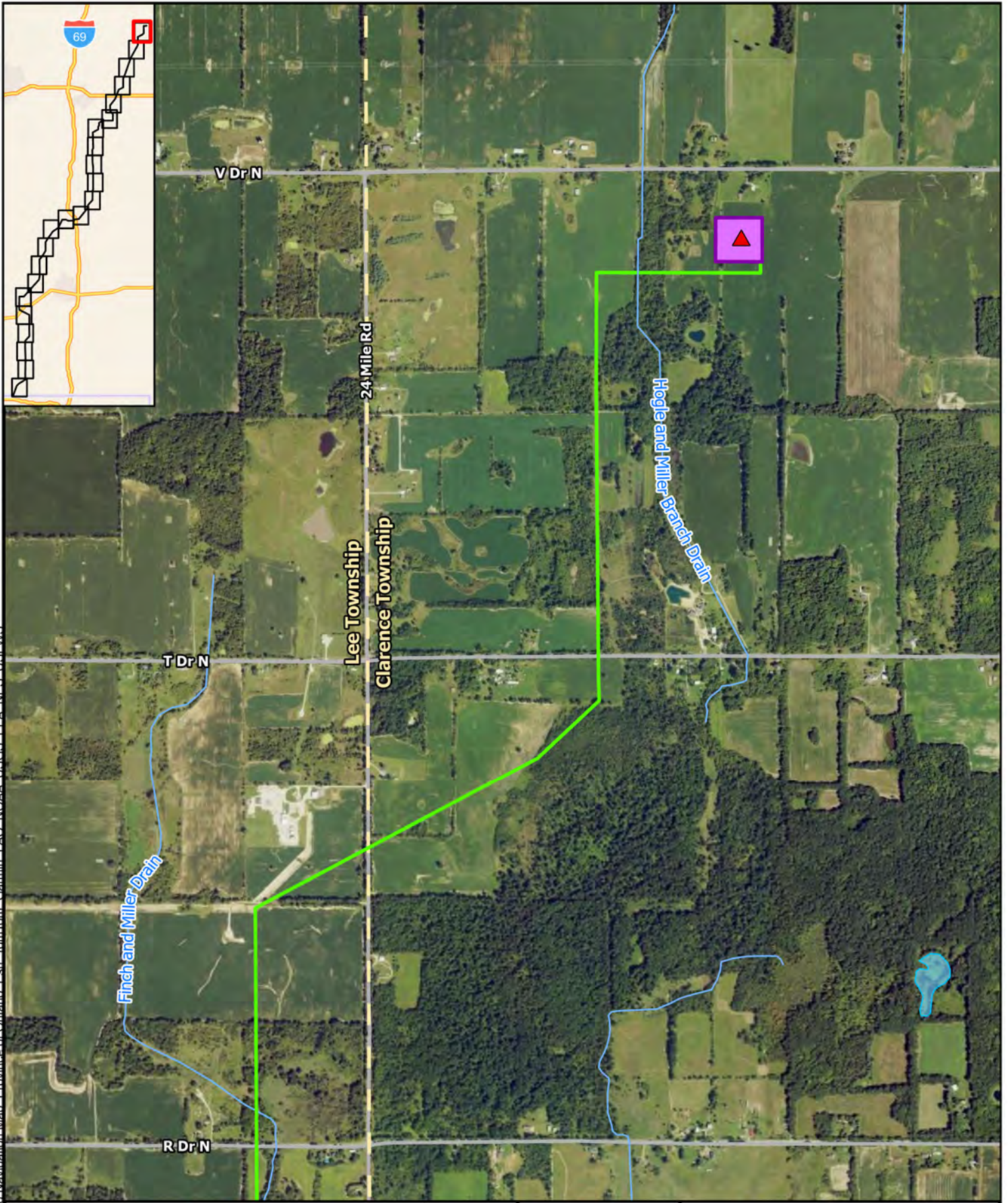
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- ▲ Substation
- MI/IN State Border Connection Point
- Proposed Route
- Alternate Route
- State Boundary
- Municipal Boundary
- Highway



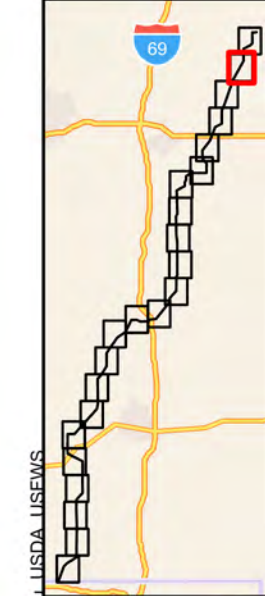
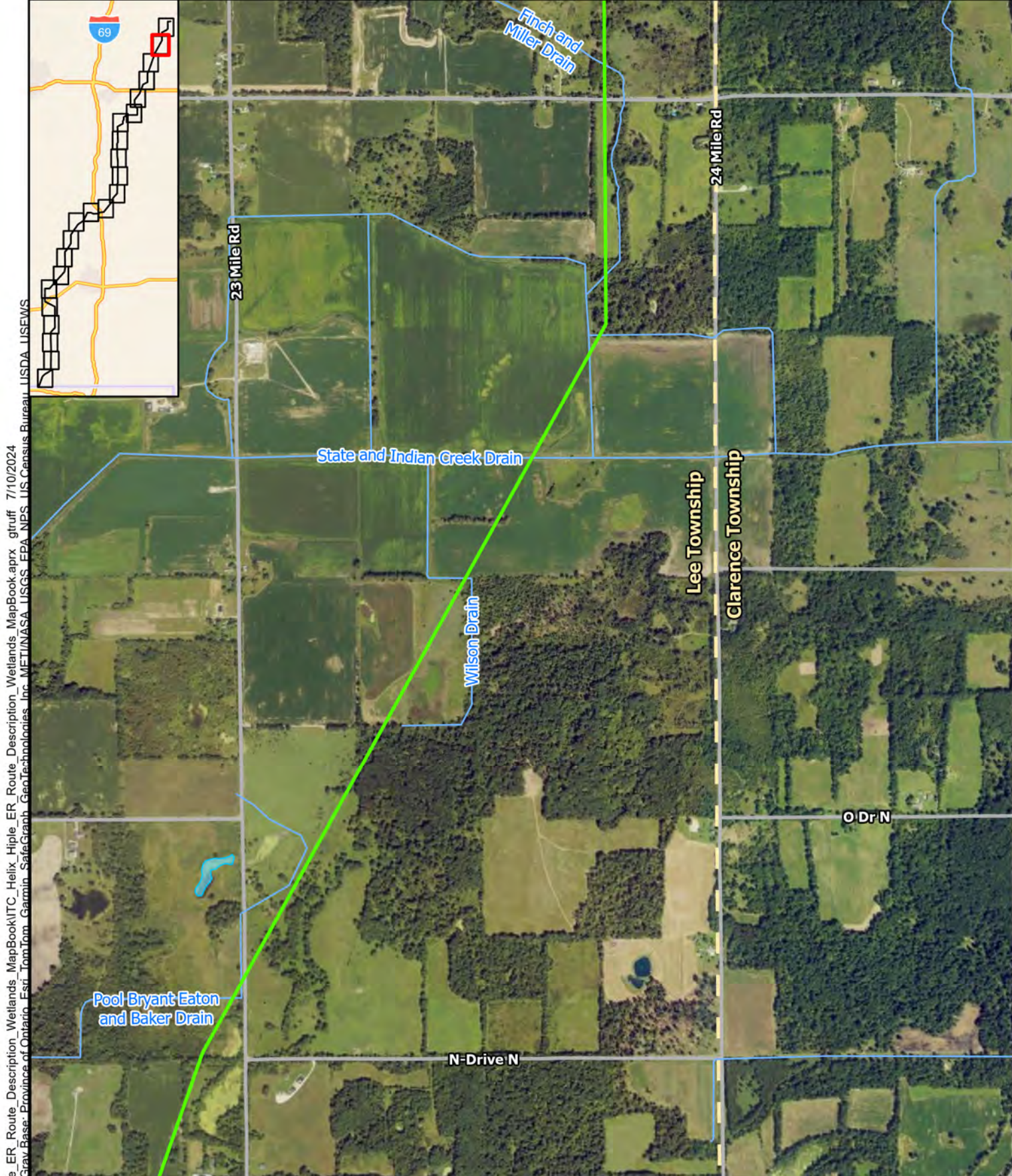
**METC**  
 Helix - Hiple  
 Proposed and Alternate Route  
 Overview Map



Substation	Interstate or Highway	
MI/IN State Border Connection Point	Road	
New Helix Substation	Railroads	
Proposed Route	Waterway	
State Boundary	Lakes and Ponds	
County Boundary	Waterway	
Township Boundary		



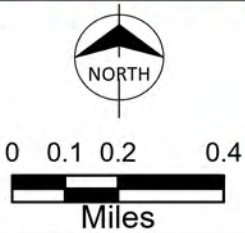
**METC**  
 Helix - Hiple  
 Proposed Route  
 Page 1 of 48



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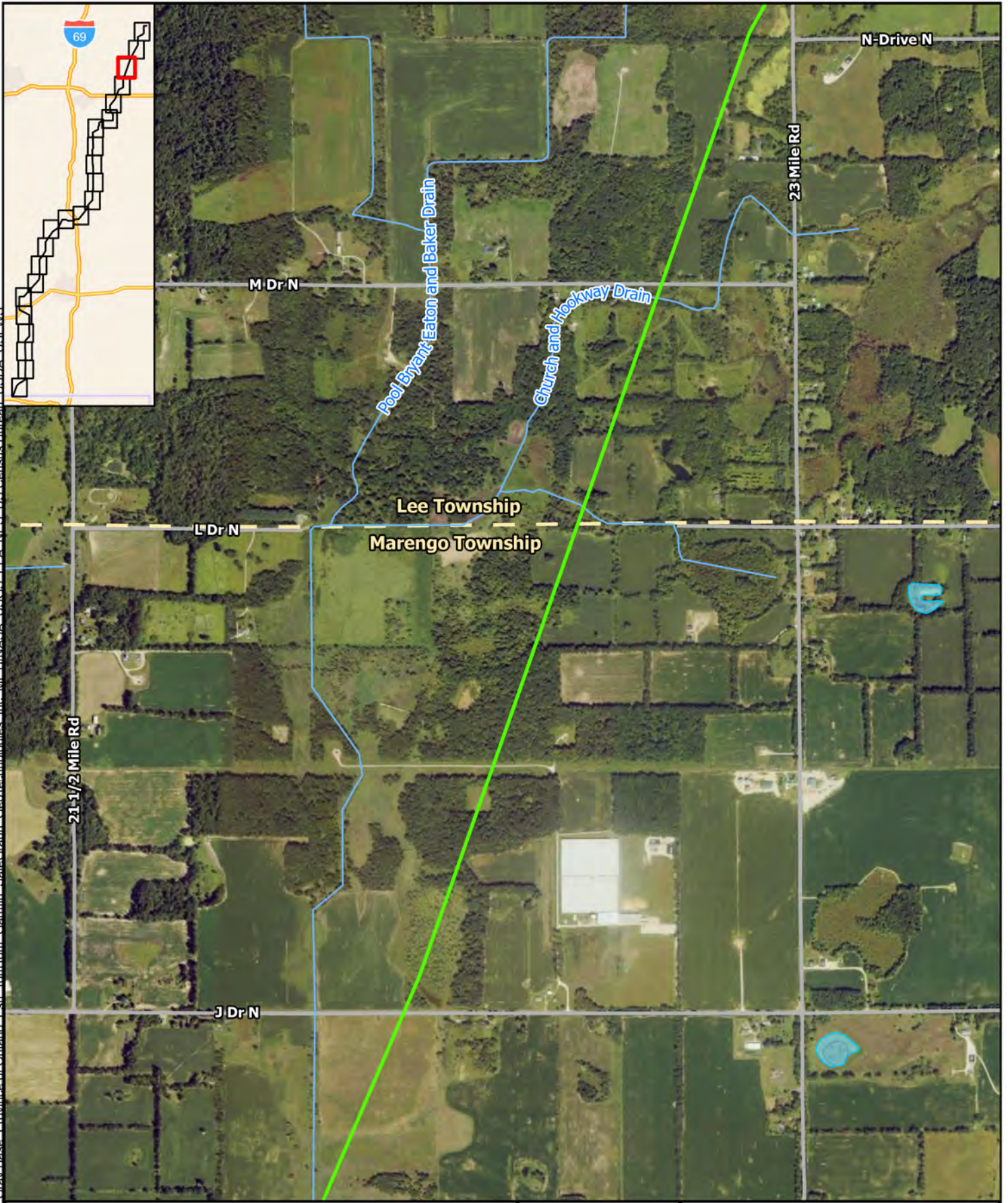
- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Proposed Route
- State Boundary
- County Boundary
- Township Boundary

- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds
- Waterway



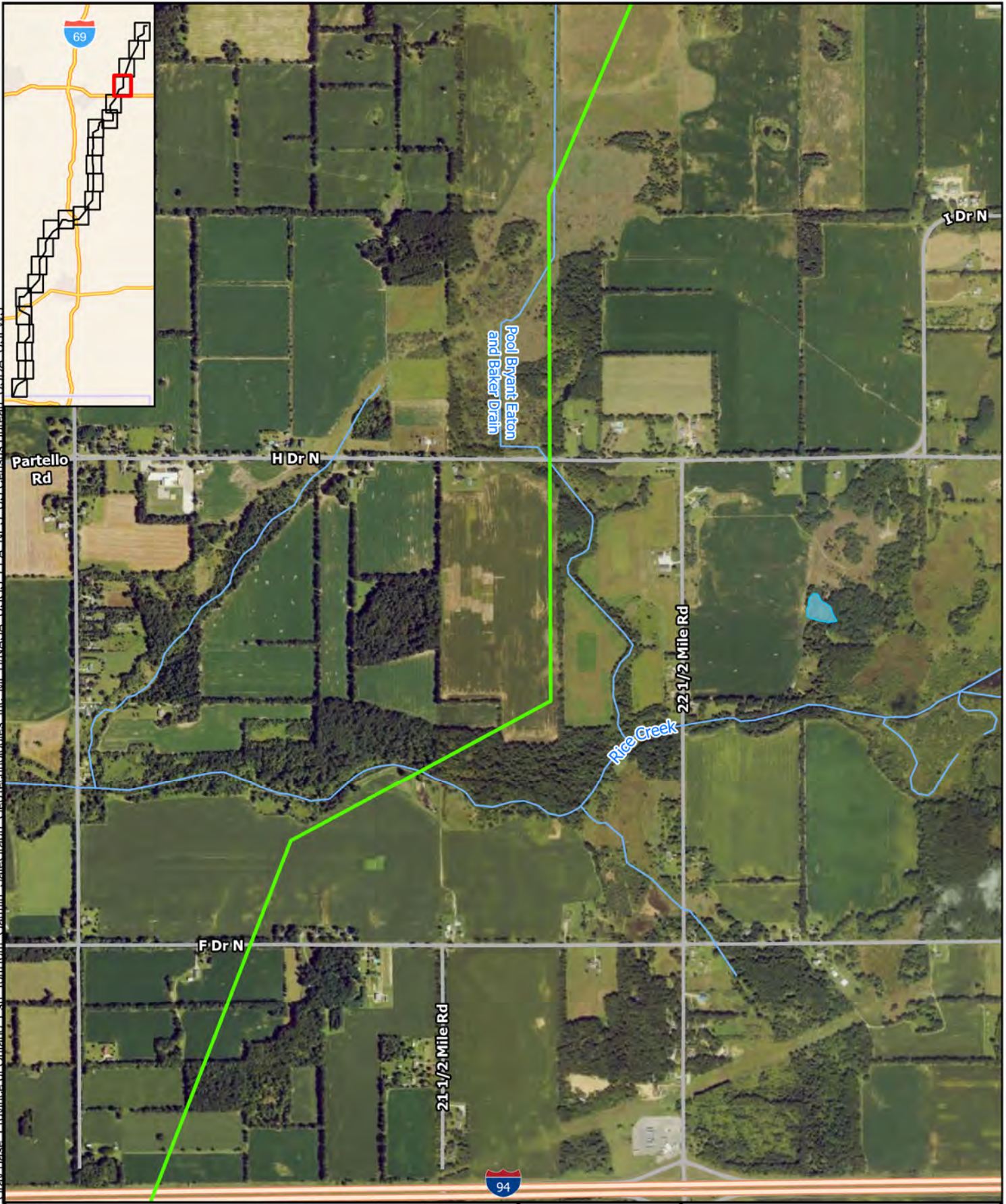
**METC**  
 Helix - Hiple  
 Proposed Route  
 Page 2 of 48

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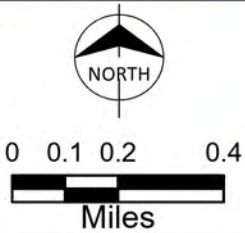
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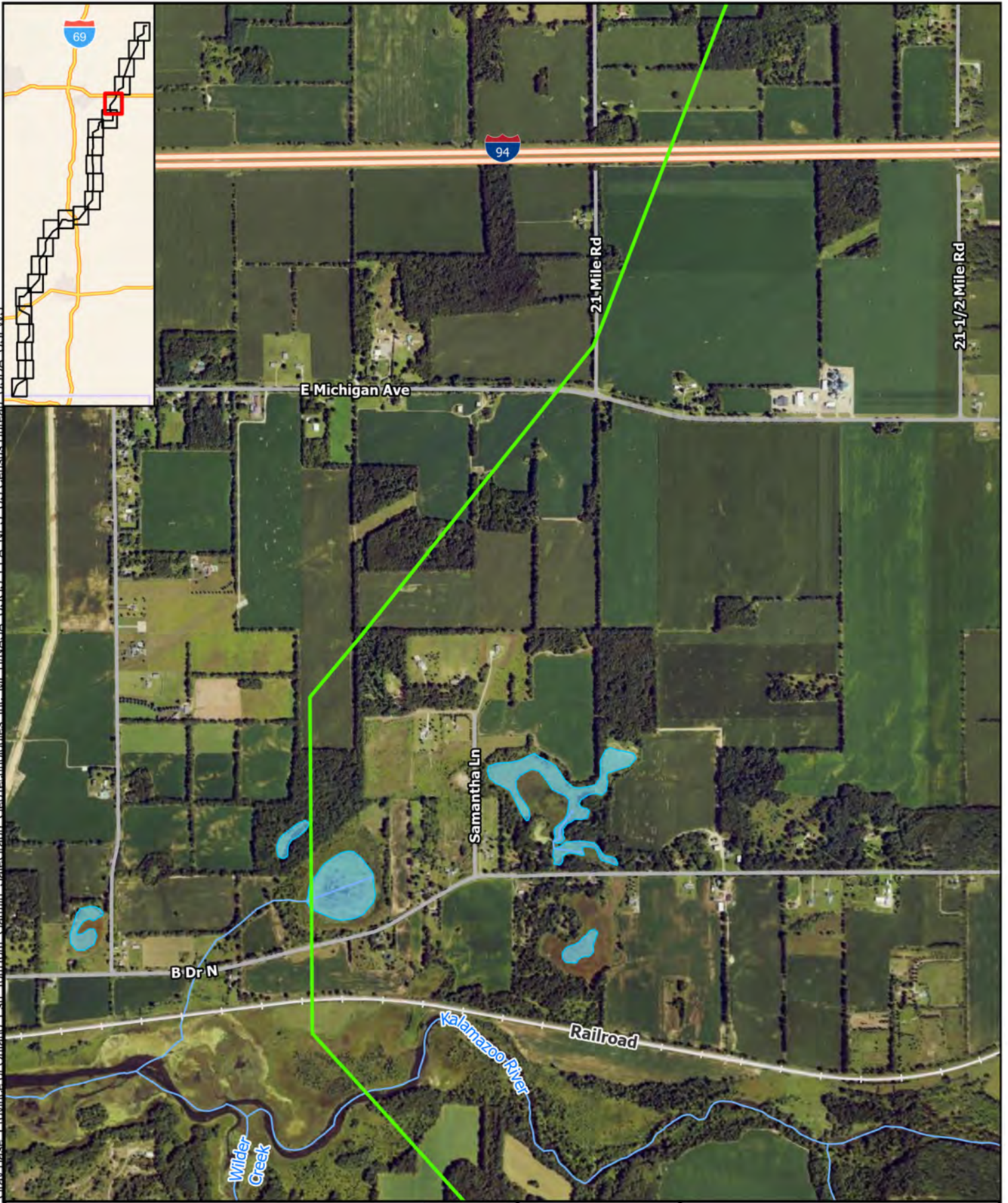
- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Proposed Route
- State Boundary
- County Boundary
- Township Boundary

- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds
- Waterway



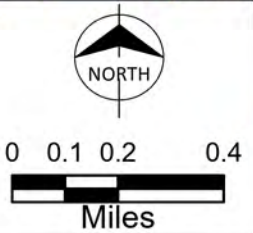
**METC**  
 Helix - Hiple  
 Proposed Route  
 Page 4 of 48

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- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Proposed Route
- State Boundary
- County Boundary
- Township Boundary

- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds
- Waterway

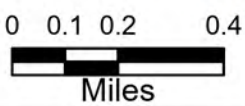


**METC**  
 Helix - Hiple  
 Proposed Route  
 Page 5 of 48

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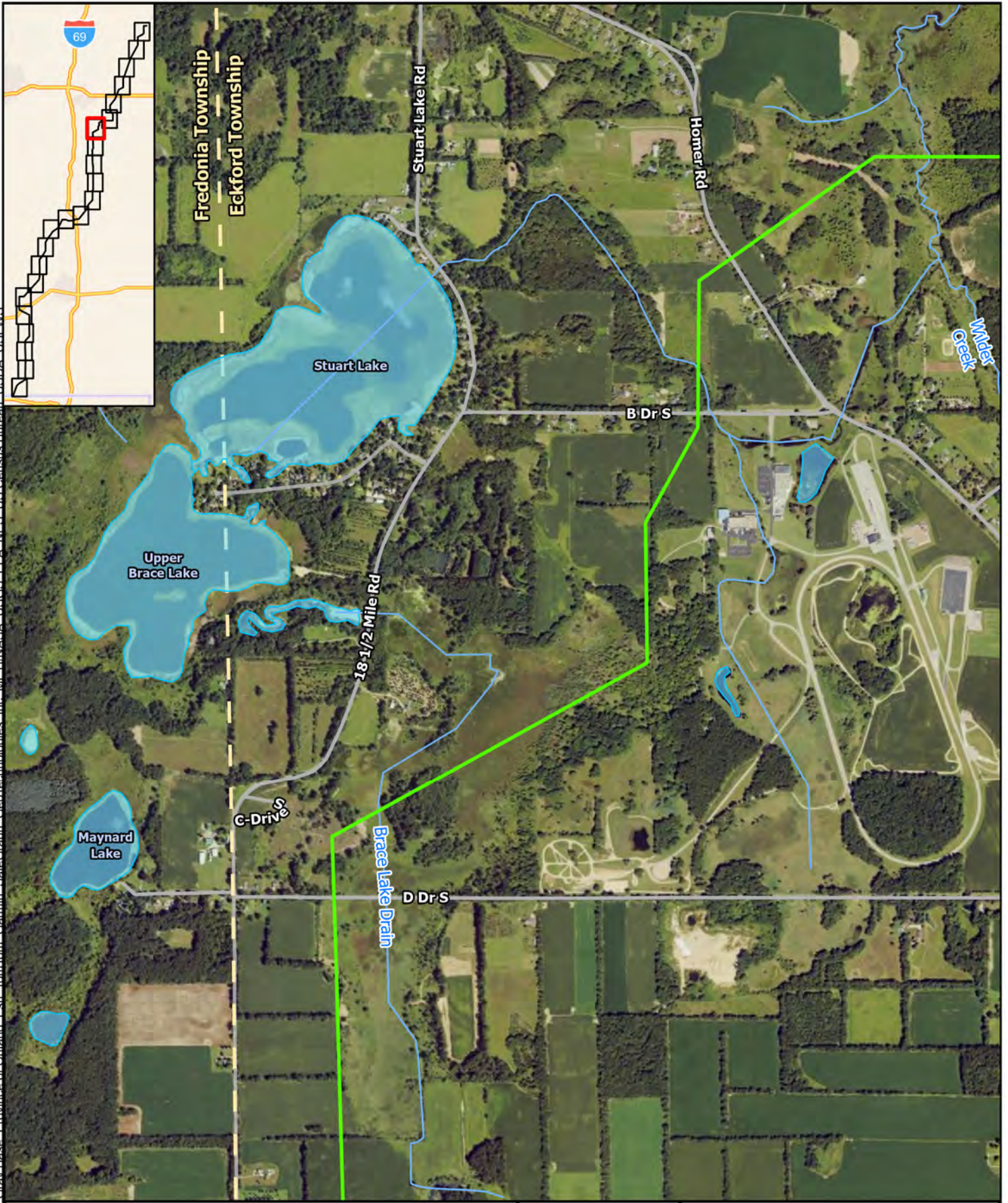


- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Proposed Route
- State Boundary
- County Boundary
- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds
- Waterway



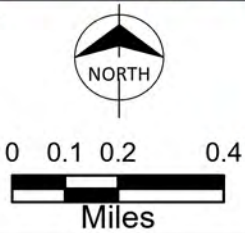
METC  
 Helix - Hiple  
 Proposed Route  
 Page 6 of 48

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- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Proposed Route
- State Boundary
- County Boundary
- Township Boundary

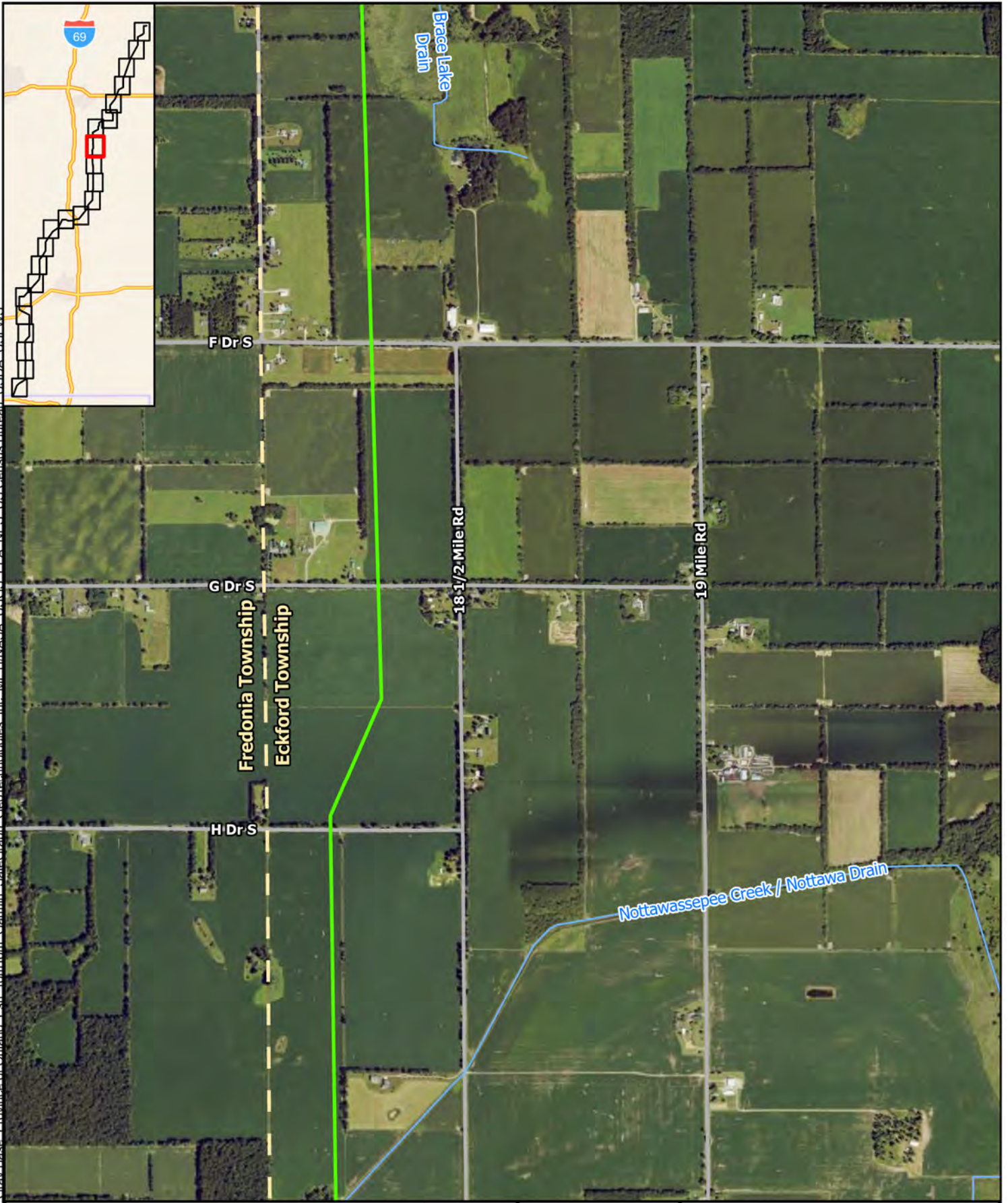
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds
- Waterway



**METC**  
 Helix - Hiple  
 Proposed Route  
 Page 7 of 48

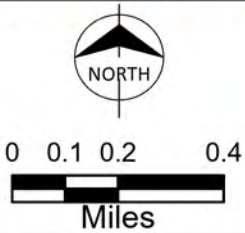


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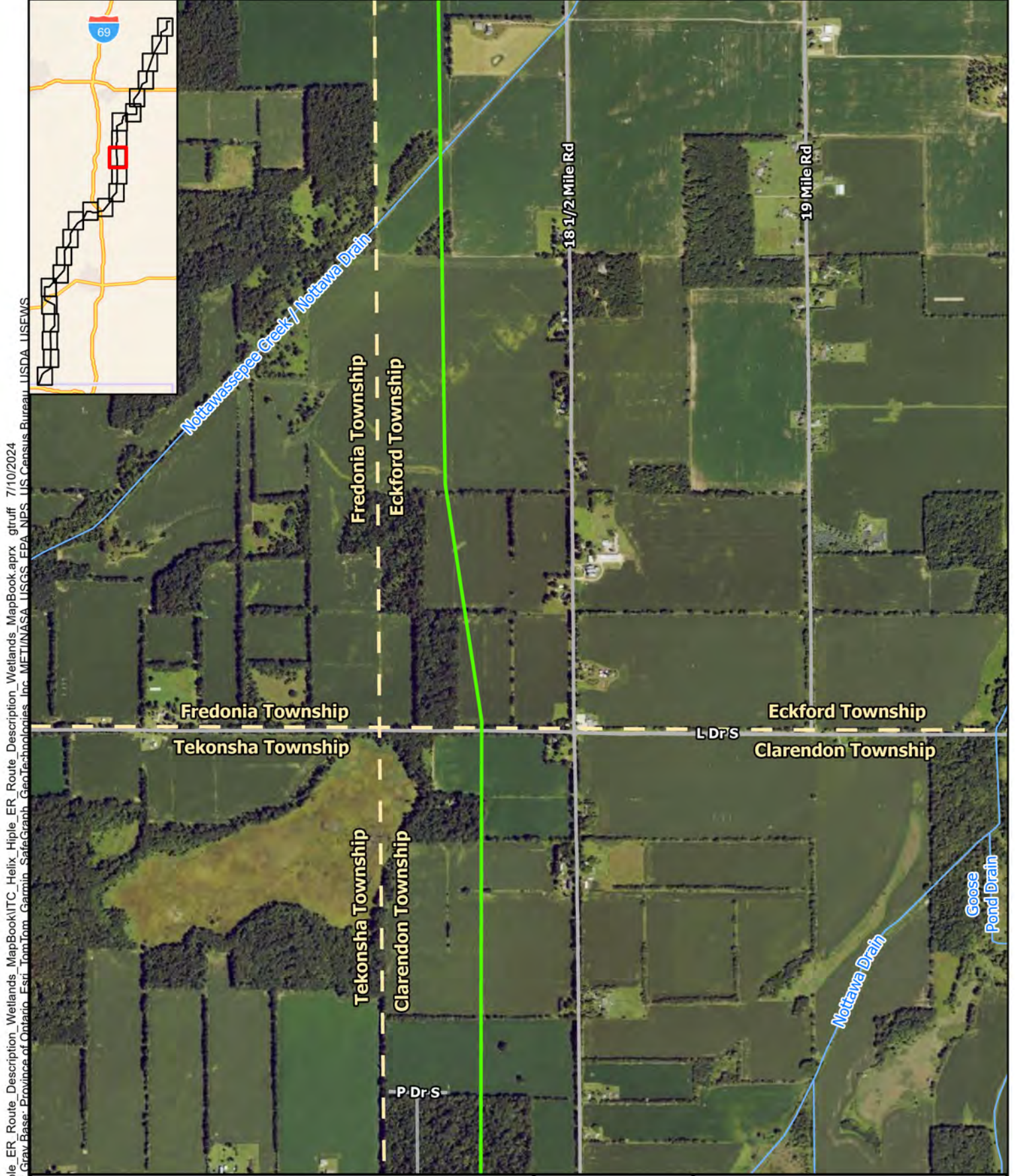


- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Proposed Route
- State Boundary
- County Boundary
- Township Boundary

- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds
- Waterway



**METC**  
 Helix - Hiple  
 Proposed Route  
 Page 8 of 48



Path: C:\GIS\ITC\_Helix\_ER\_Route\_Description\_Wetlands\_MapBook\ITC\_Helix\_ER\_Route\_Description\_Wetlands\_MapBook.aprx gruff 7/10/2024  
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Substation	Interstate or Highway
MI/IN State Border Connection Point	Road
New Helix Substation	Railroads
Proposed Route	Waterway
State Boundary	Lakes and Ponds
County Boundary	Waterway
Township Boundary	

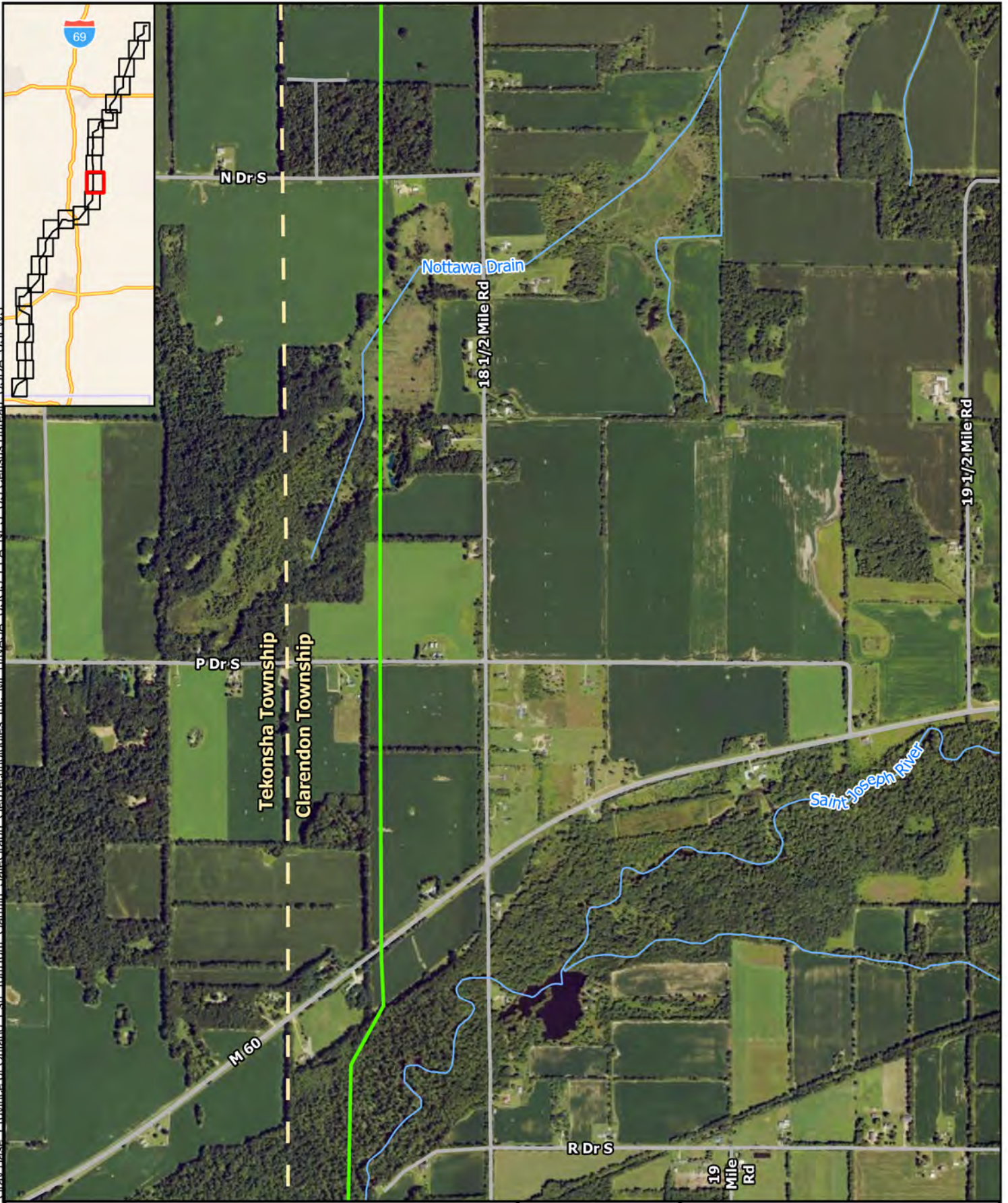
NORTH

0 0.1 0.2 0.4  
Miles



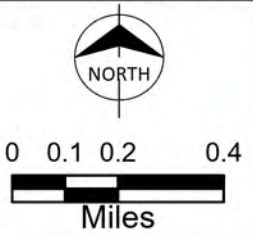
**METC**  
 Helix - Hiple  
 Proposed Route  
 Page 9 of 48

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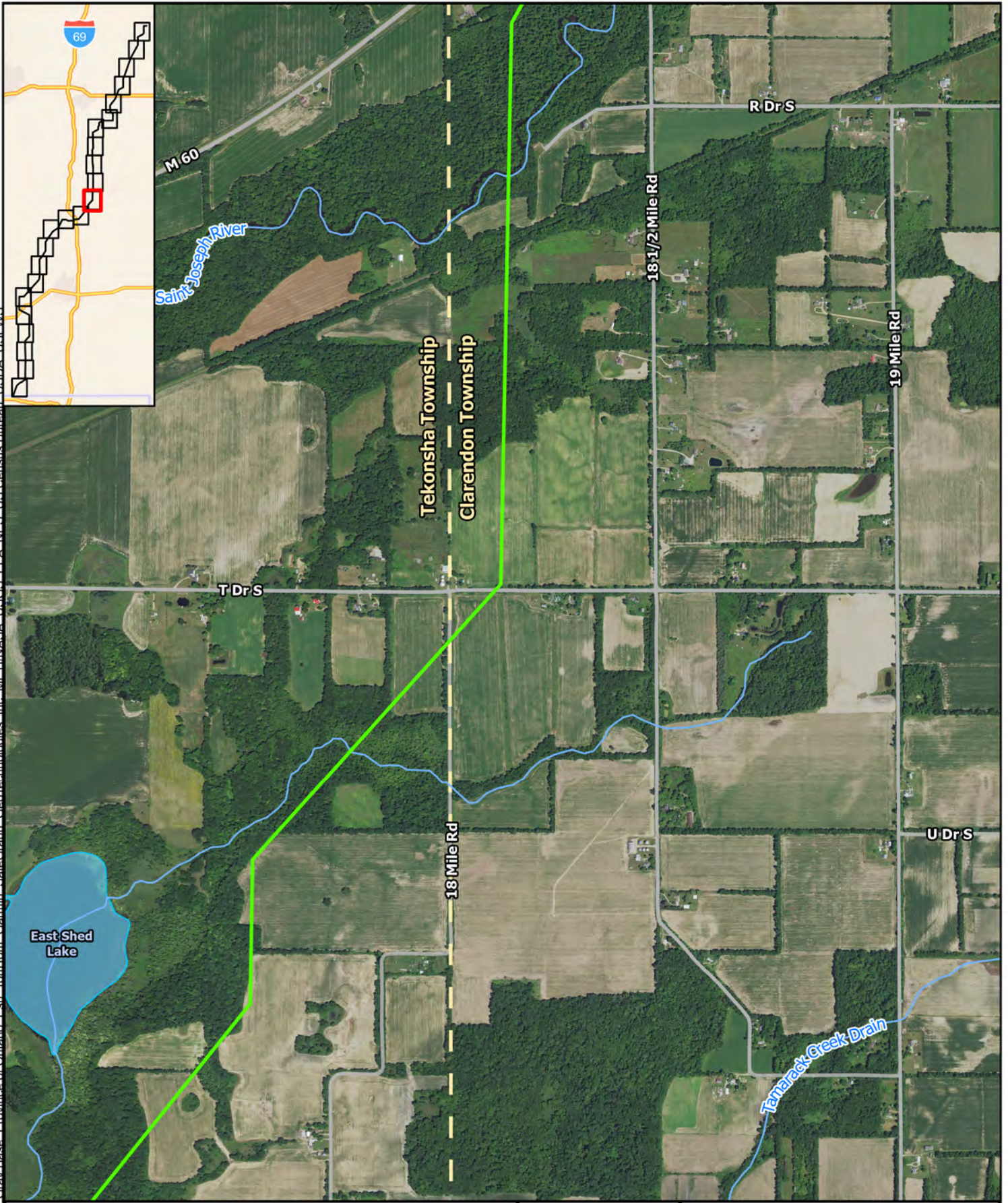
- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Proposed Route
- State Boundary
- County Boundary
- Township Boundary

- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds
- Waterway



**METC**  
 Helix - Hiple  
 Proposed Route  
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Path: C:\GIS\ITC\_Helix\_ER\_Route\_Description\_Wetlands\_MapBook\ITC\_Helix\_ER\_Route\_Description\_Wetlands\_MapBook.aprx gruff 7/10/2024  
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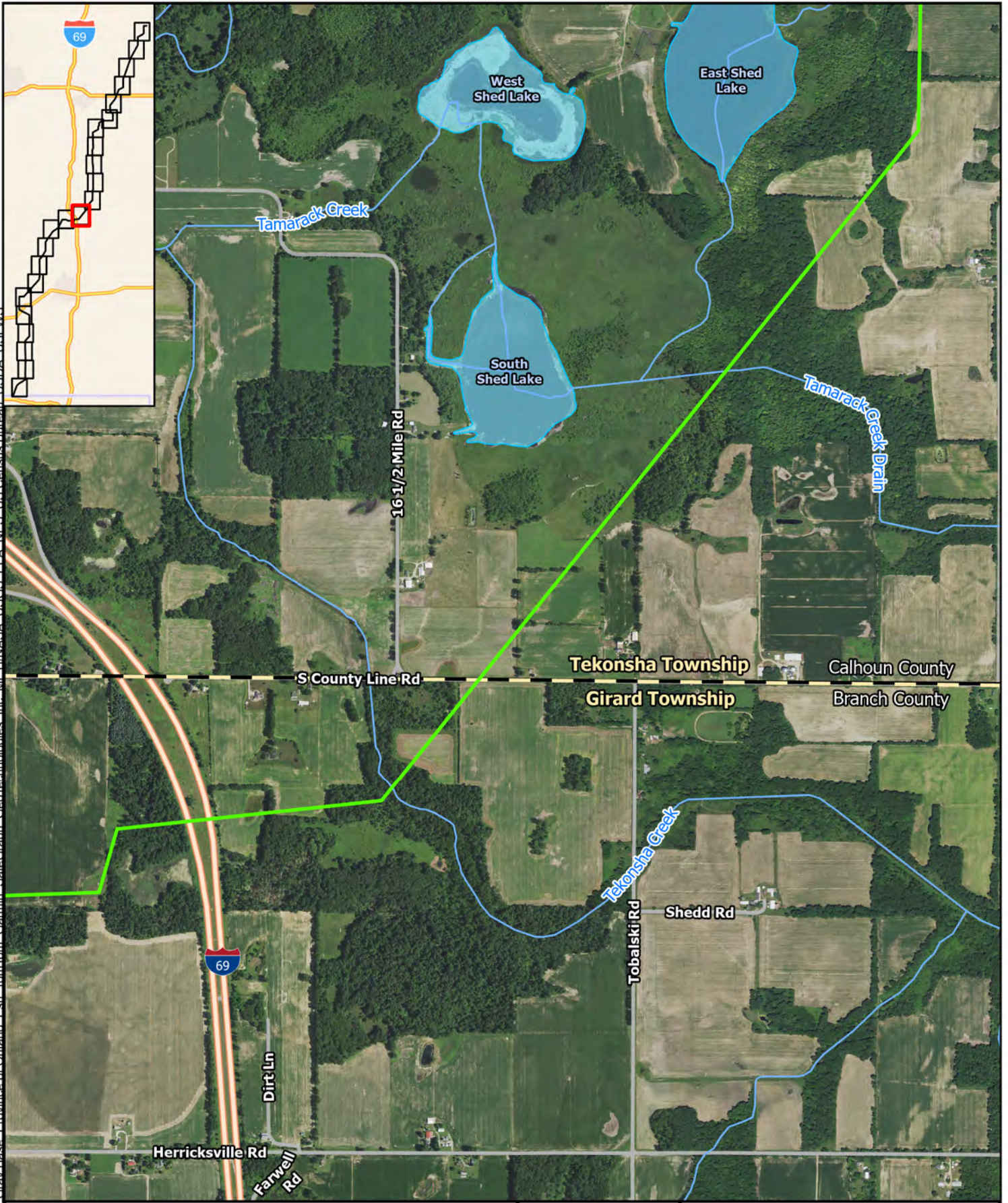


Substation	Interstate or Highway	
MI/IN State Border Connection Point	Road	
New Helix Substation	Railroads	
Proposed Route	Waterway	
State Boundary	Lakes and Ponds	
County Boundary	Waterway	
Township Boundary		

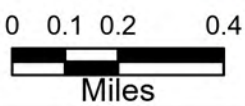


**METC**  
 Helix - Hiple  
 Proposed Route  
 Page 11 of 48

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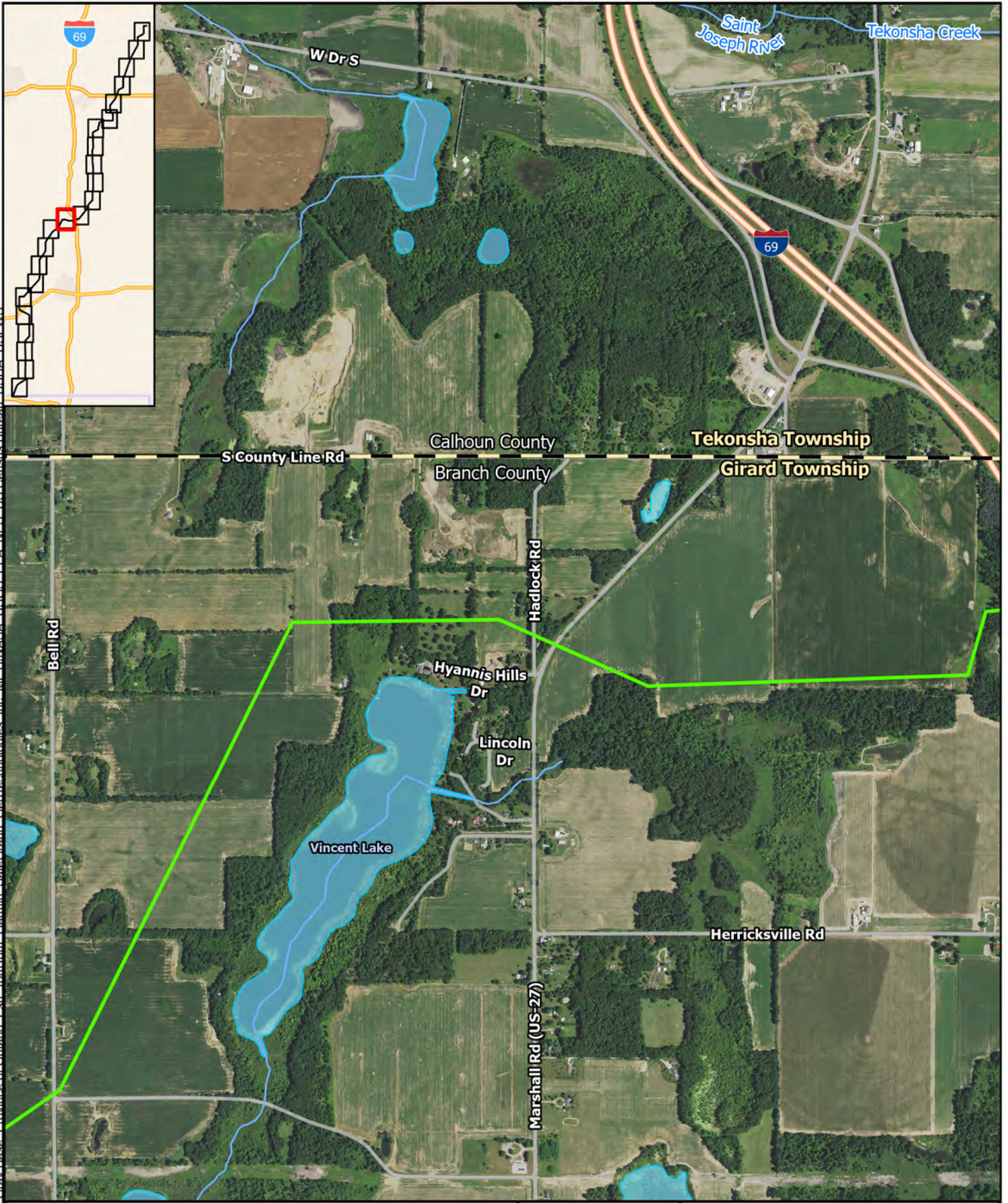


- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Proposed Route
- State Boundary
- County Boundary
- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds
- Waterway



**METC**  
 Helix - Hiple  
 Proposed Route  
 Page 12 of 48

Path: C:\GIS\ITC\_Helix\_ER\_Route\_Description\_Wetlands\_MapBook\ITC\_Helix\_ER\_Route\_Description\_Wetlands\_MapBook.aprx gruff 7/10/2024  
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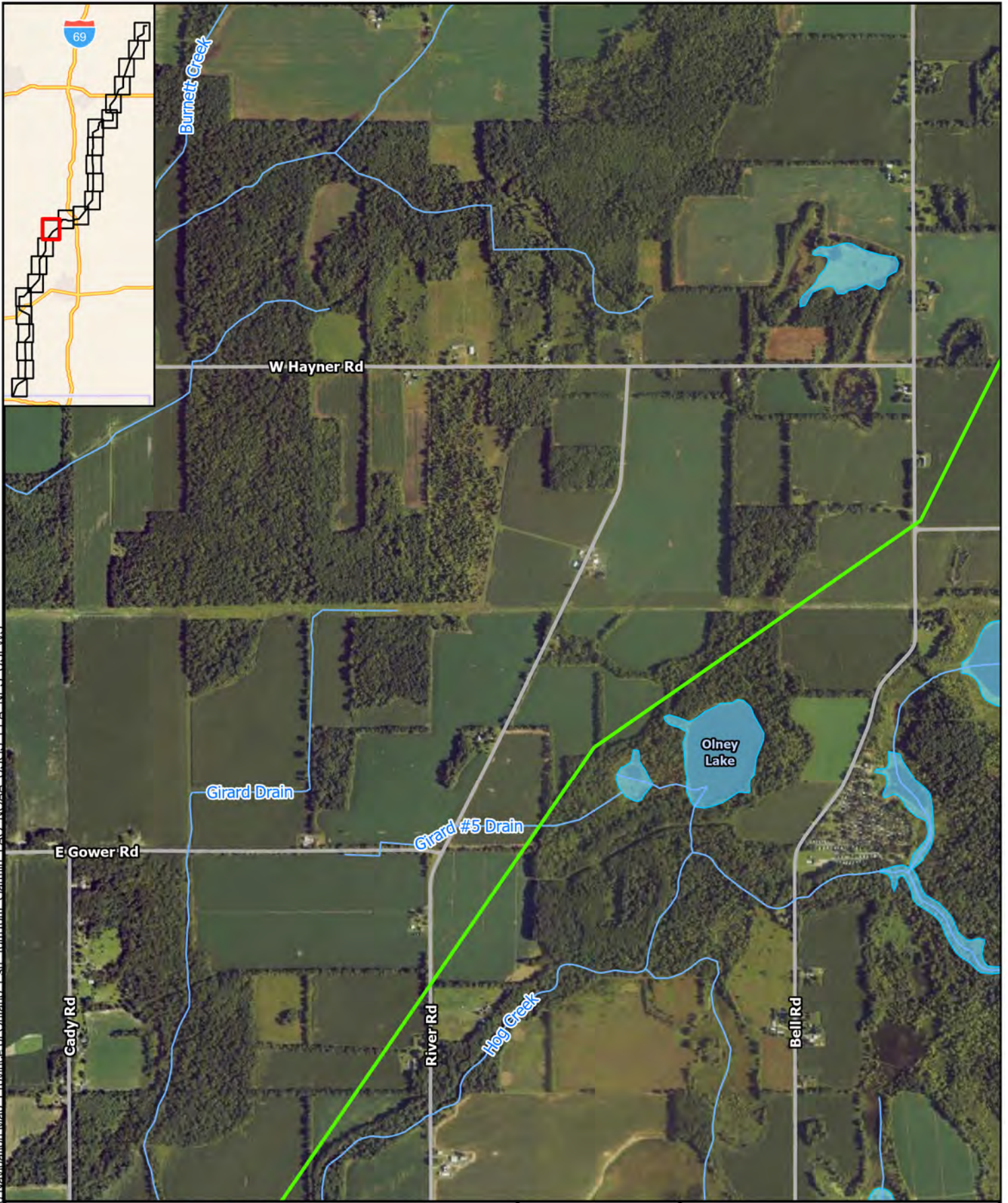


Substation	Interstate or Highway	
MI/IN State Border Connection Point	Road	
New Helix Substation	Railroads	
Proposed Route	Waterway	
State Boundary	Lakes and Ponds	
County Boundary	Waterway	
Township Boundary		



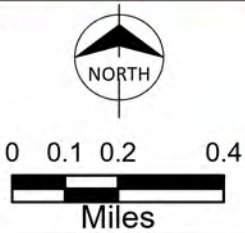
**METC**  
 Helix - Hiple  
 Proposed Route  
 Page 13 of 48

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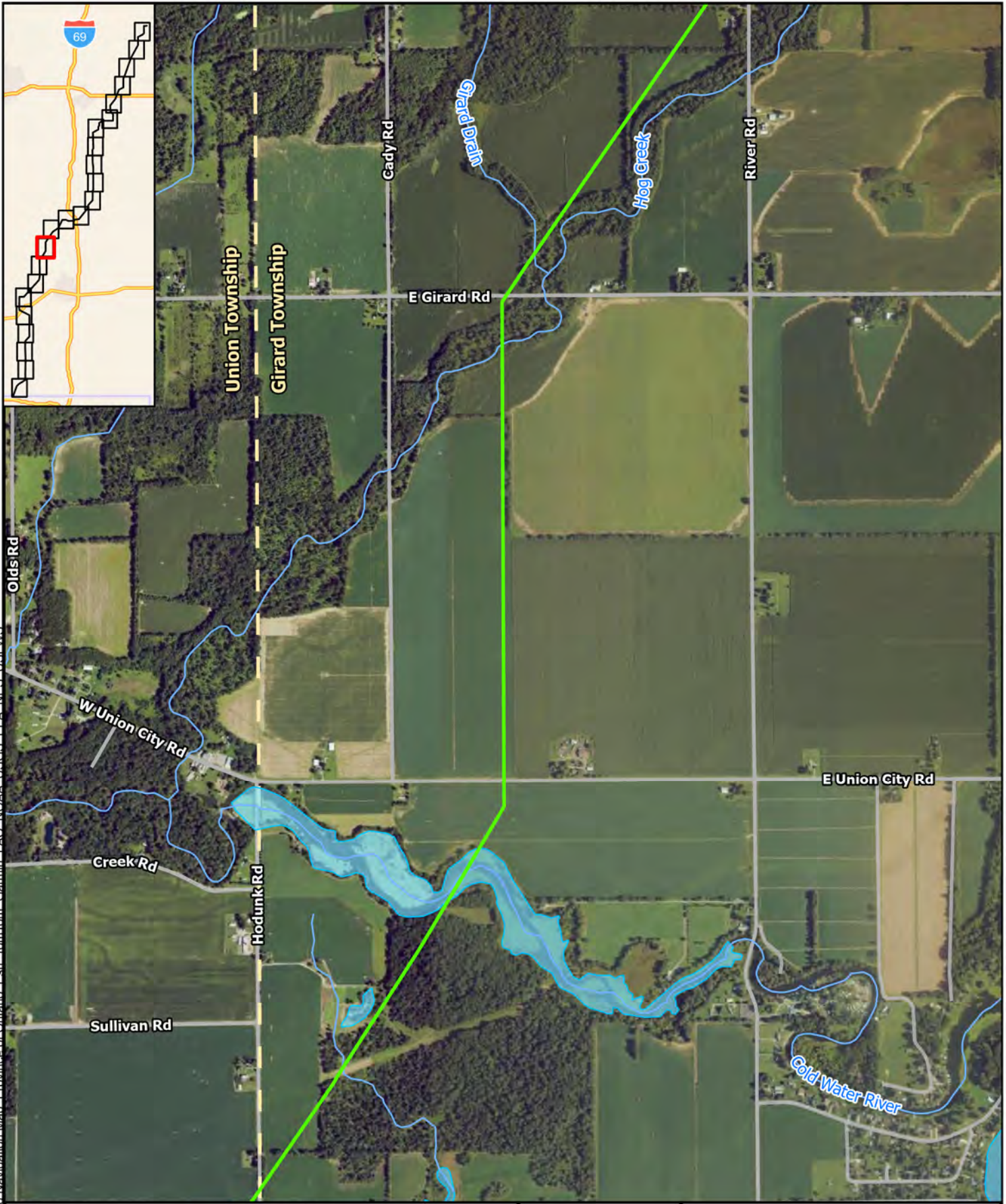
- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Proposed Route
- State Boundary
- County Boundary
- Township Boundary

- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds
- Waterway



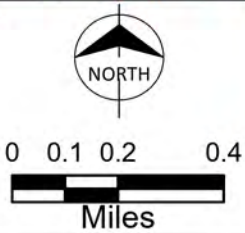
**METC**  
 Helix - Hiple  
 Proposed Route  
 Page 14 of 48

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- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Proposed Route
- State Boundary
- County Boundary
- Township Boundary

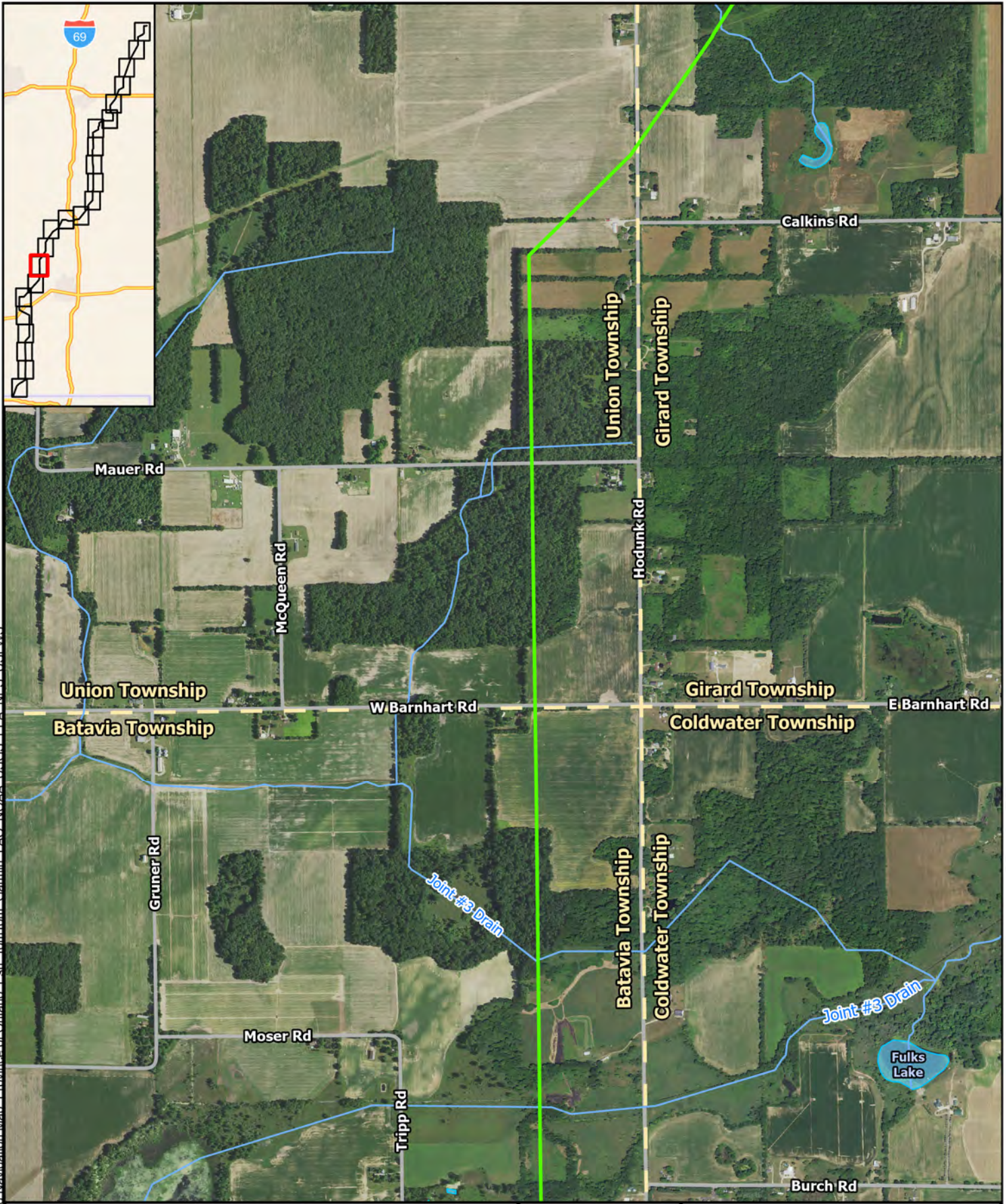
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds
- Waterway



**METC**  
 Helix - Hiple  
 Proposed Route  
 Page 15 of 48



Path: C:\GIS\ITC\_Helix\_ER\_Route\_Description\_Wetlands\_MapBook\ITC\_Helix\_ER\_Route\_Description\_Wetlands\_MapBook.aprx gruff 7/10/2024  
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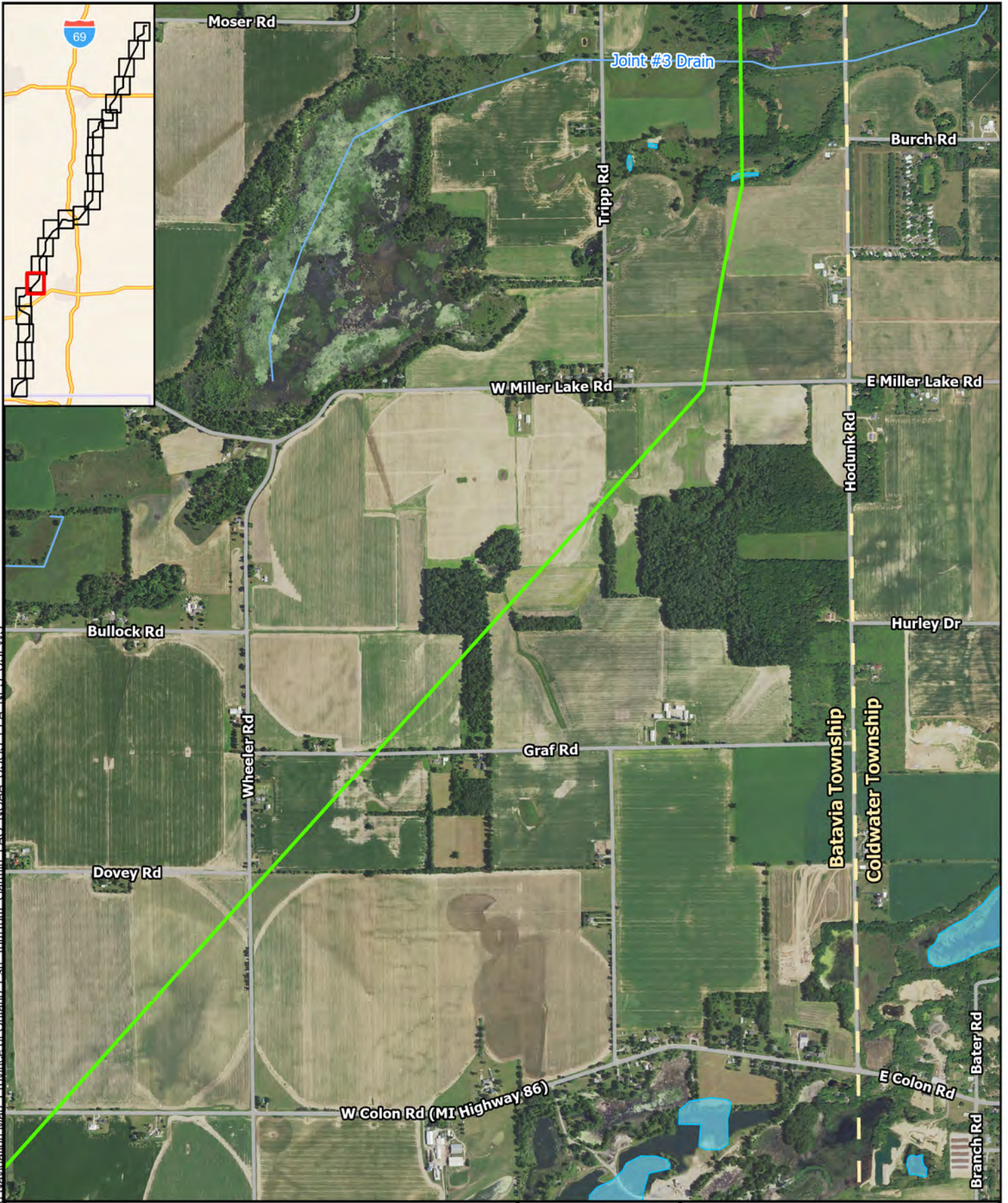


Substation	Interstate or Highway	
MI/IN State Border Connection Point	Road	
New Helix Substation	Railroads	
Proposed Route	Waterway	
State Boundary	Lakes and Ponds	
County Boundary	Waterway	
Township Boundary		



**METC**  
 Helix - Hiple  
 Proposed Route  
 Page 16 of 48

Path: C:\GIS\ITC\_Helix\_ER\_Route\_Description\_Wetlands\_MapBook\ITC\_Helix\_ER\_Route\_Description\_Wetlands\_MapBook.aprx gruff 7/10/2024  
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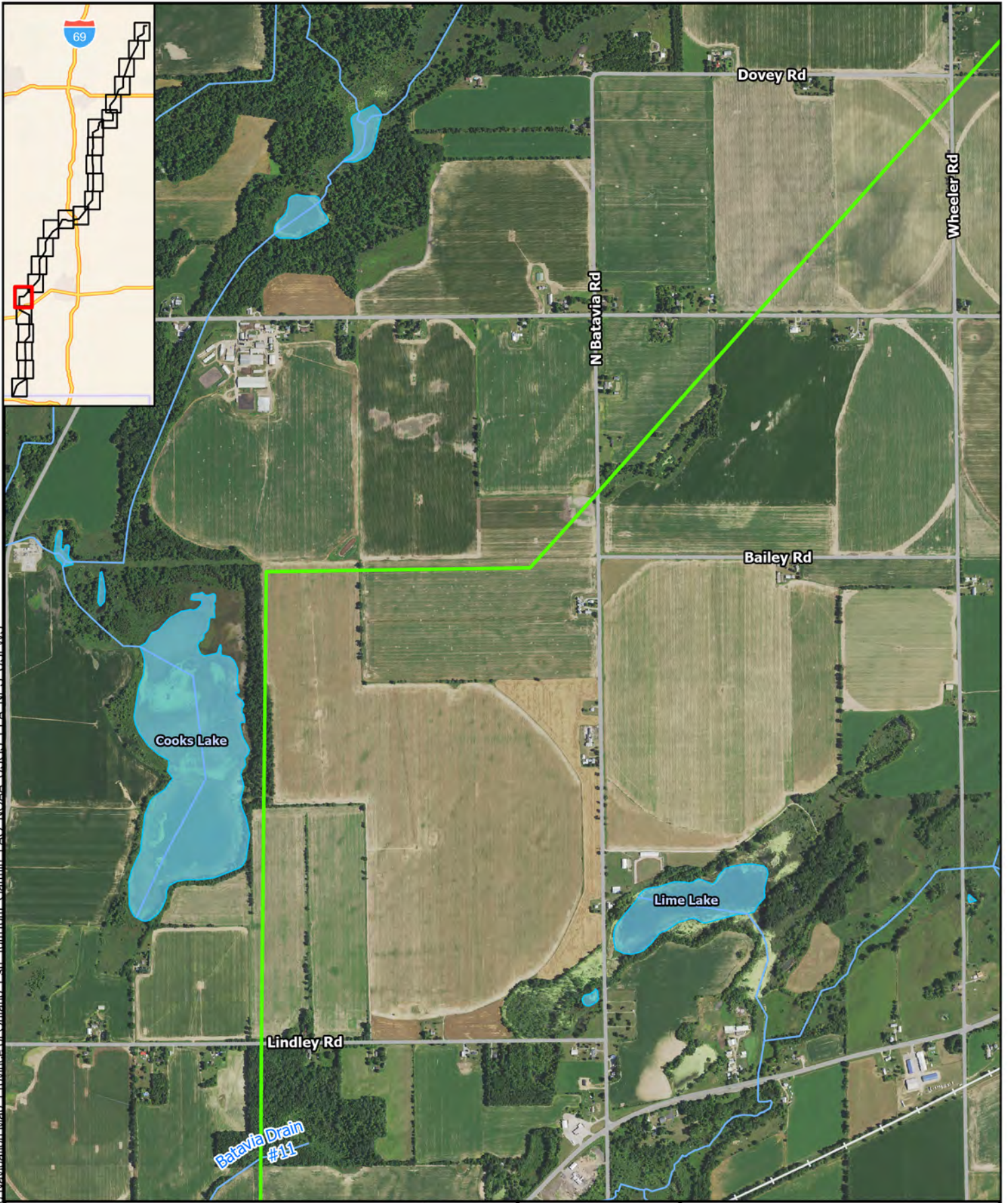


Substation	Interstate or Highway	
MI/IN State Border Connection Point	Road	
New Helix Substation	Railroads	
Proposed Route	Waterway	
State Boundary	Lakes and Ponds	
County Boundary	Waterway	
Township Boundary		



**METC**  
 Helix - Hiple  
 Proposed Route  
 Page 17 of 48

Path: C:\GIS\ITC\_Helix\_ER\_Route\_Description\_Wetlands\_MapBook\ITC\_Helix\_ER\_Route\_Description\_Wetlands\_MapBook.aprx gruff 7/10/2024  
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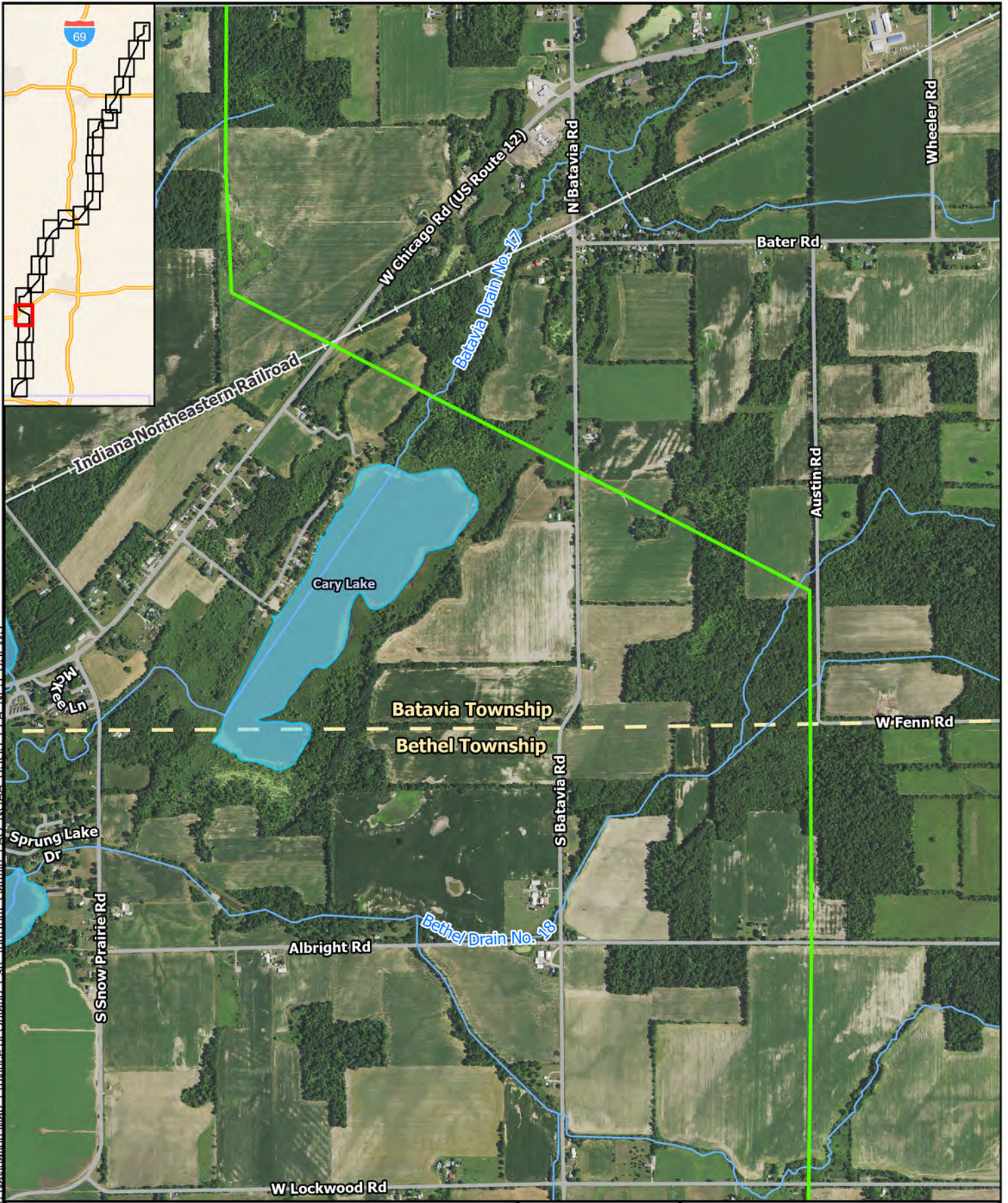


Substation	Interstate or Highway	 NORTH
MI/IN State Border Connection Point	Road	
New Helix Substation	Railroads	 0 0.1 0.2 0.4 Miles
Proposed Route	Waterway	
State Boundary	Lakes and Ponds	
County Boundary	Waterway	
Township Boundary		



METC  
 Helix - Hiple  
 Proposed Route  
 Page 18 of 48

Path: C:\GIS\ITC\_Helix\_ER\_Route\_Description\_Wetlands\_MapBook\ITC\_Helix\_ER\_Route\_Description\_Wetlands\_MapBook.aprx gruff 7/10/2024  
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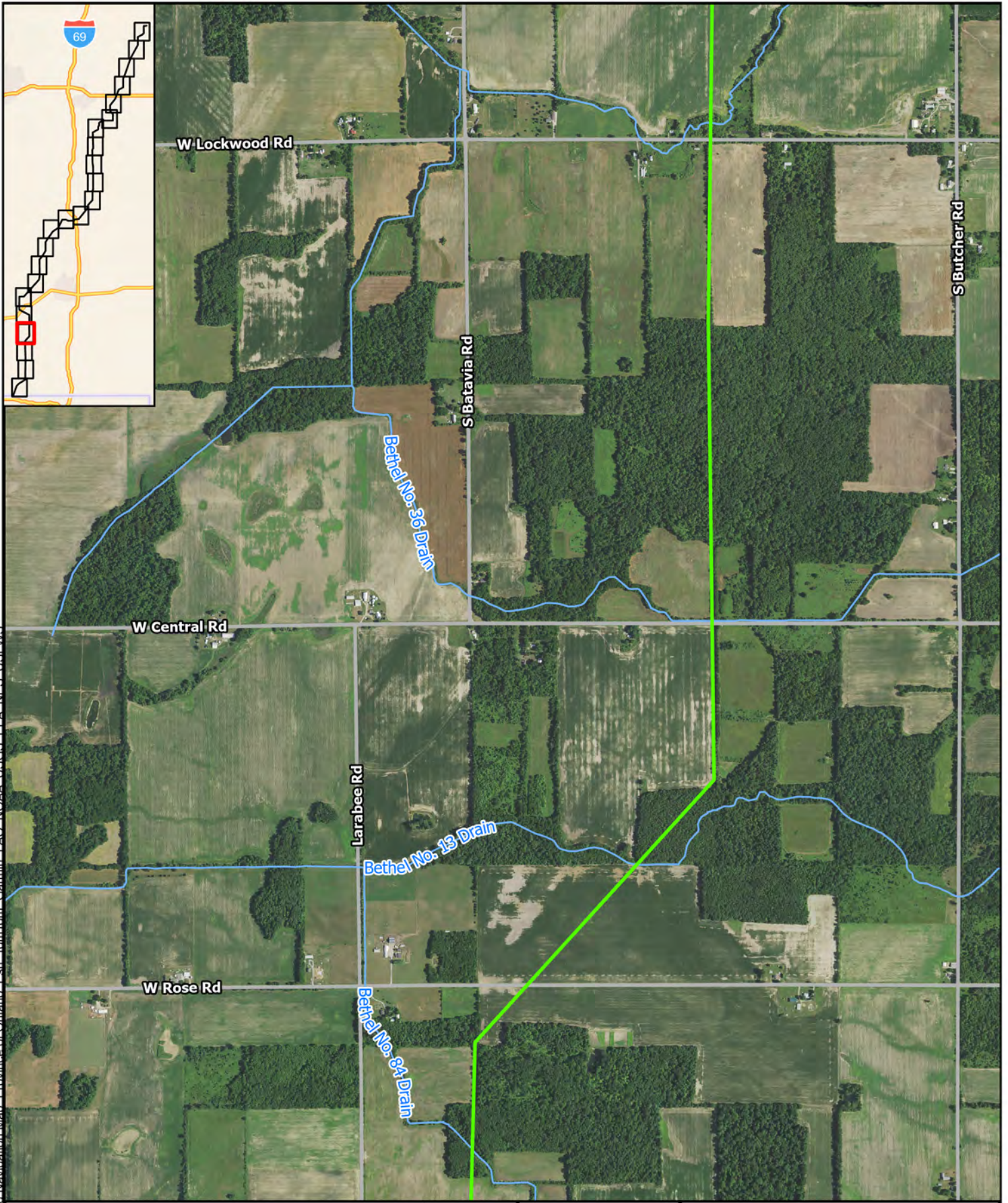


Substation	Interstate or Highway	
MI/IN State Border Connection Point	Road	
New Helix Substation	Railroads	
Proposed Route	Waterway	
State Boundary	Lakes and Ponds	<b>Miles</b>
County Boundary	Waterway	
Township Boundary		

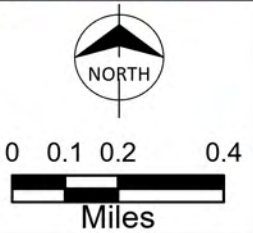


**METC**  
 Helix - Hiple  
 Proposed Route  
 Page 19 of 48

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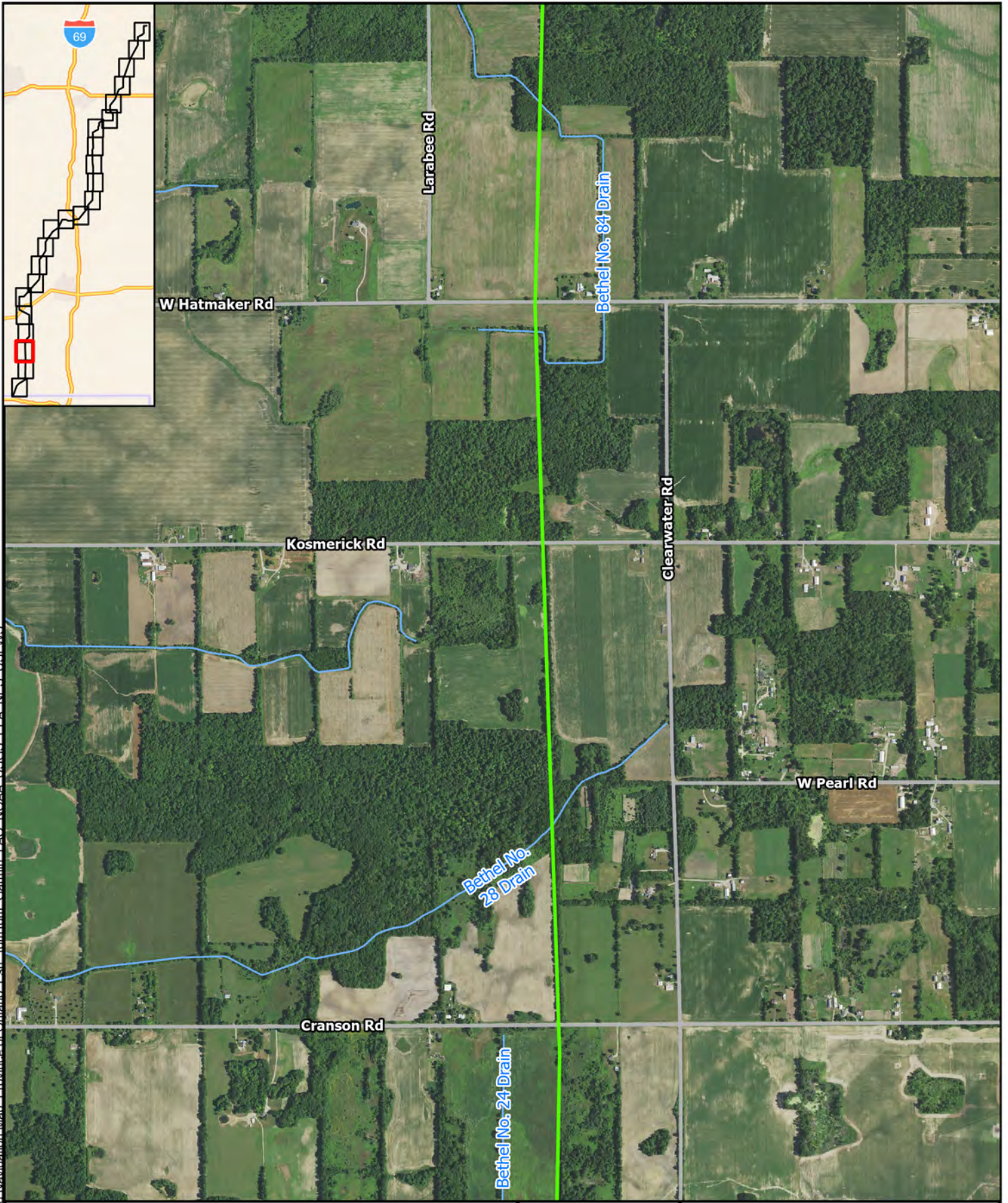


- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Proposed Route
- State Boundary
- County Boundary
- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds
- Waterway



**METC**  
 Helix - Hiple  
 Proposed Route  
 Page 20 of 48

Path: C:\GIS\ITC\_Helix\_ER\_Route\_Description\_Wetlands\_MapBook\ITC\_Helix\_Hiple\_ER\_Route\_Description\_Wetlands\_MapBook.aprx gruff 7/10/2024  
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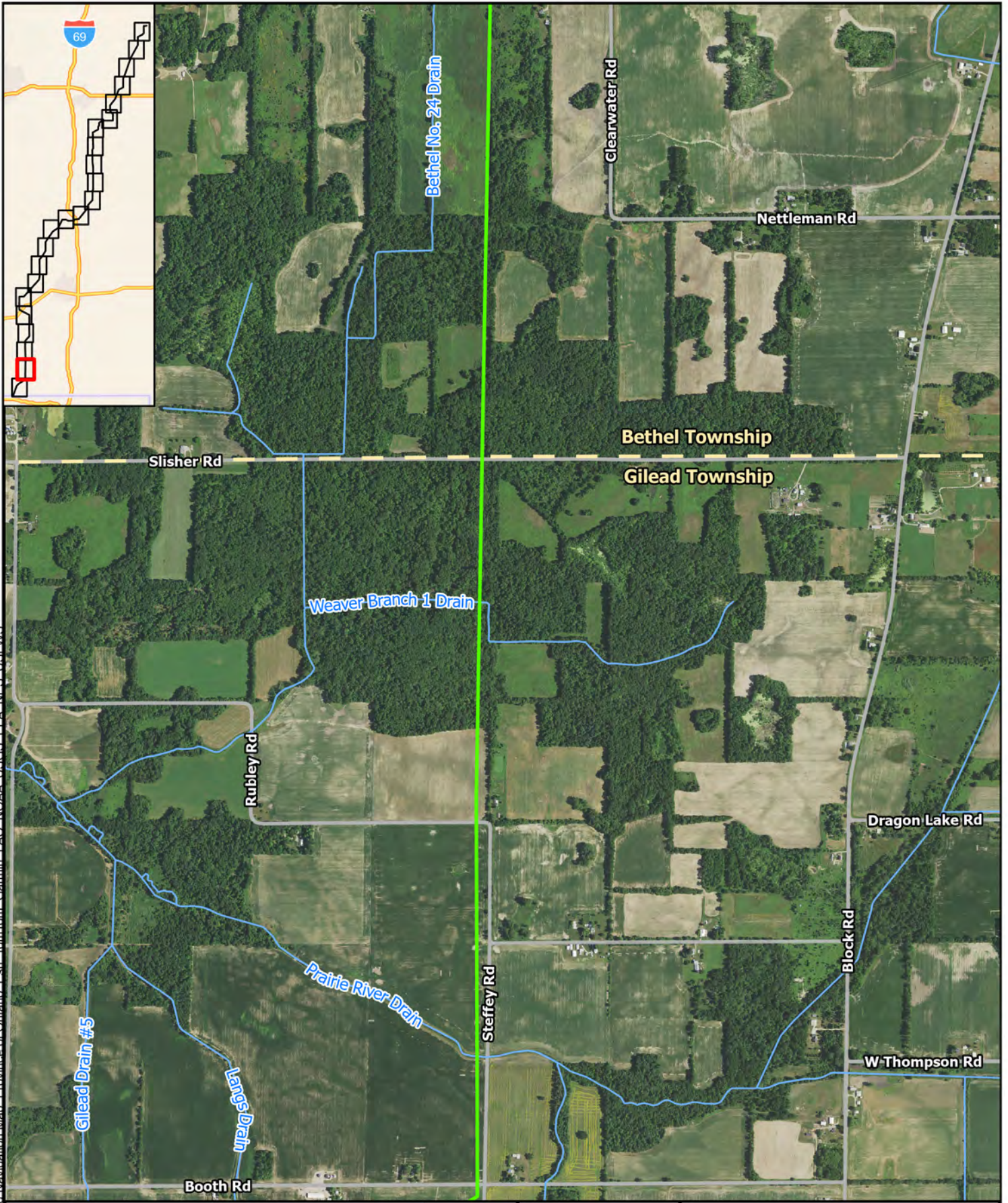


Substation	Interstate or Highway	 NORTH
MI/IN State Border Connection Point	Road	
New Helix Substation	Railroads	 0 0.1 0.2 0.4 Miles
Proposed Route	Waterway	
State Boundary	Lakes and Ponds	
County Boundary	Waterway	
Township Boundary		

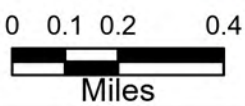


**METC**  
 Helix - Hiple  
 Proposed Route  
 Page 21 of 48

Path: C:\GIS\ITC\_Helix\_ER\_Route\_Description\_MapBook\ITC\_Helix\_Hiple\_ER\_Route\_Description\_Wetlands\_MapBook.aprx gruff 7/10/2024  
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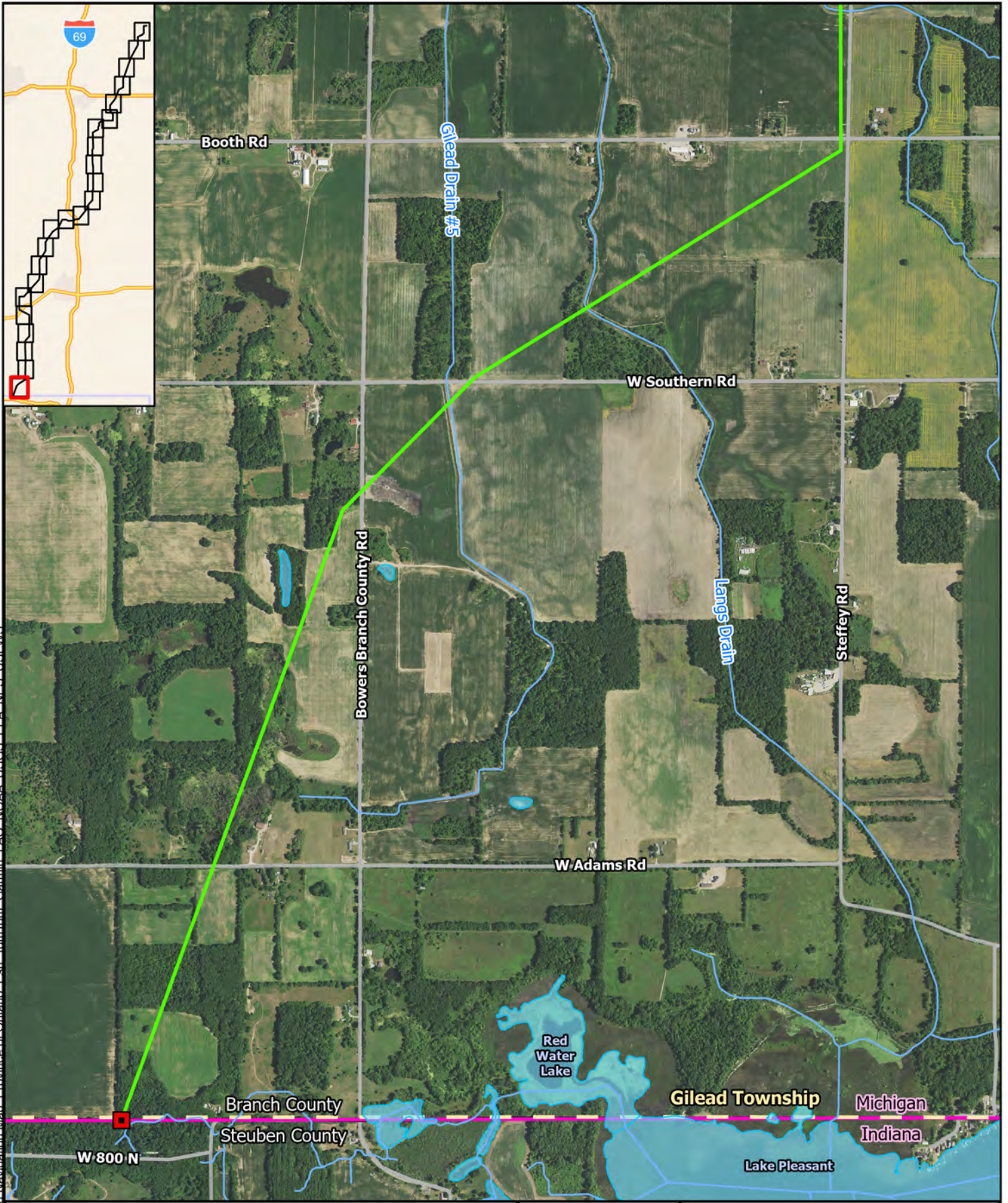


- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Proposed Route
- State Boundary
- County Boundary
- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds
- Waterway



**METC**  
 Helix - Hiple  
 Proposed Route  
 Page 22 of 48

Path: C:\GIS\ITC\_Helix\_ER\_Route\_Description\_Wetlands\_MapBook\ITC\_Helix\_ER\_Route\_Description\_Wetlands\_MapBook.aprx gruff 7/10/2024  
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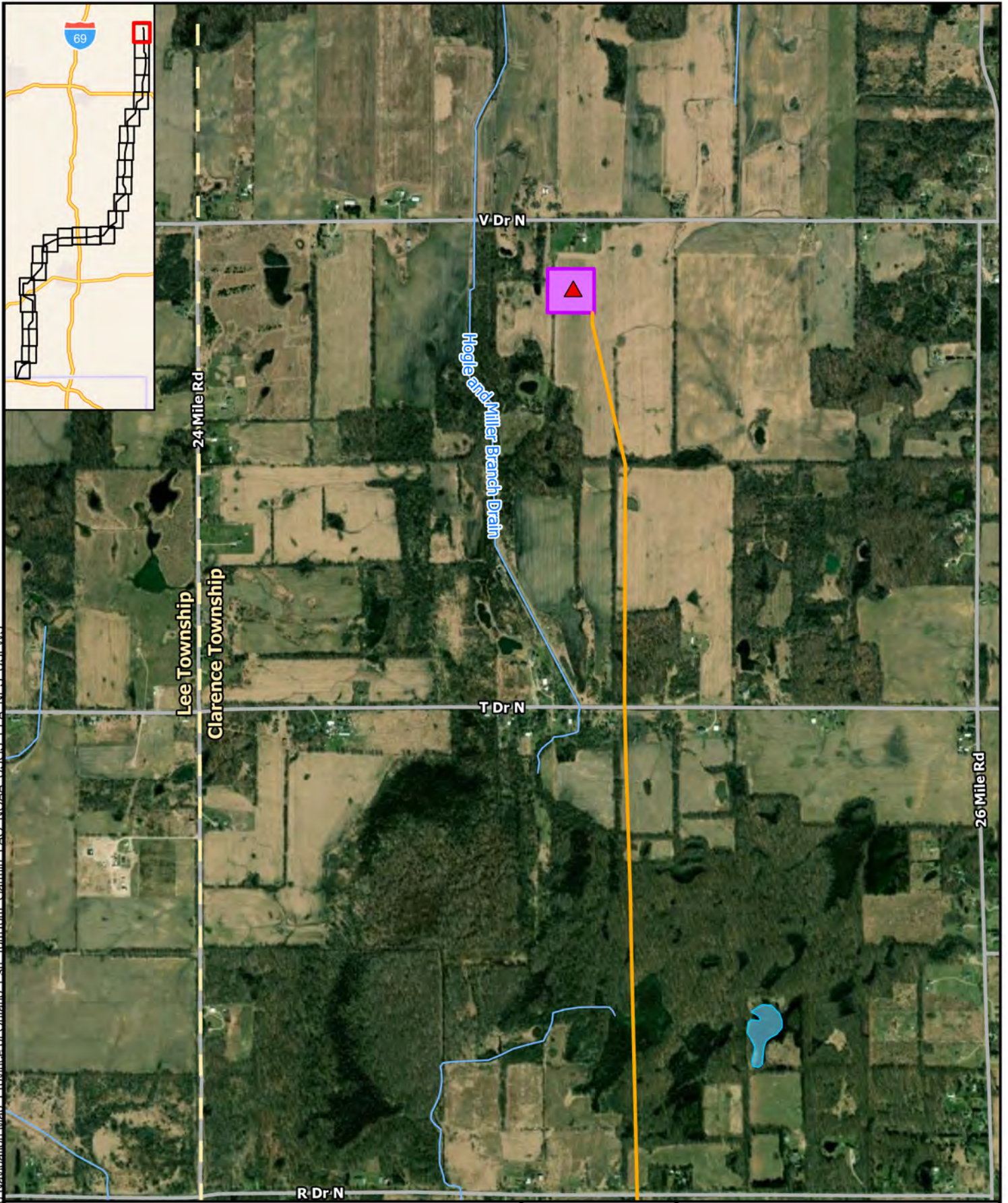
Substation	Interstate or Highway	 NORTH
MI/IN State Border Connection Point	Road	
New Helix Substation	Railroads	 0 0.1 0.2 0.4 Miles
Proposed Route	Waterway	
State Boundary	Lakes and Ponds	
County Boundary	Waterway	
Township Boundary		



**METC**  
 Helix - Hiple  
 Proposed Route  
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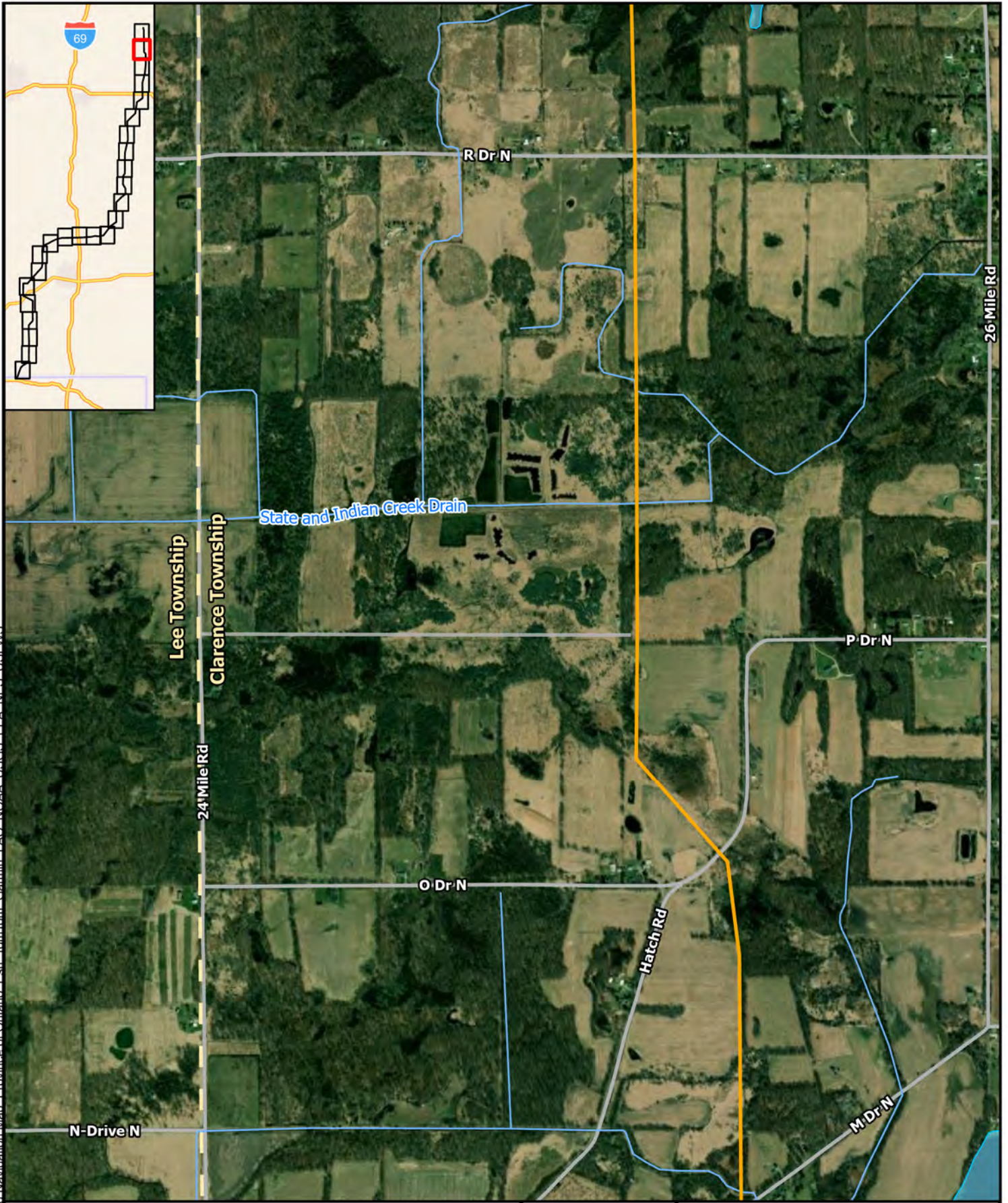
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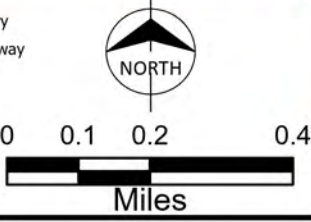
Substation	Township Boundary	 NORTH  0 0.1 0.2 0.4 Miles
MI/IN State Border Connection Point	Interstate or Highway	
New Helix Substation	Road	
Alternate Route	Railroads	
State Boundary	Waterway	
County Boundary	Lakes and Ponds	



**METC**  
 Helix - Hiple  
 Alternate Route  
 Page 24 of 48

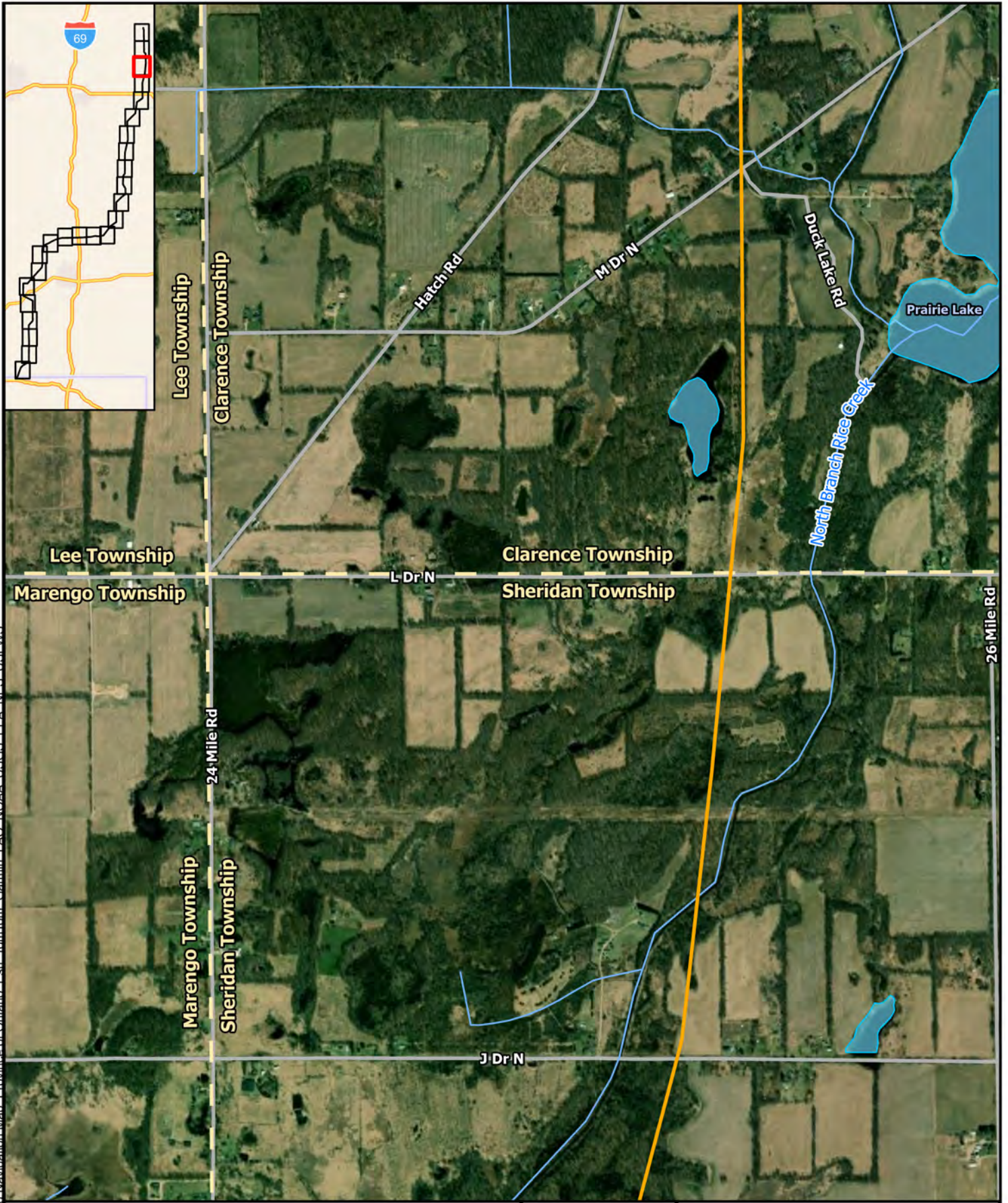


- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Alternate Route
- State Boundary
- County Boundary
- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds



**METC**  
 Helix - Hiple  
 Alternate Route  
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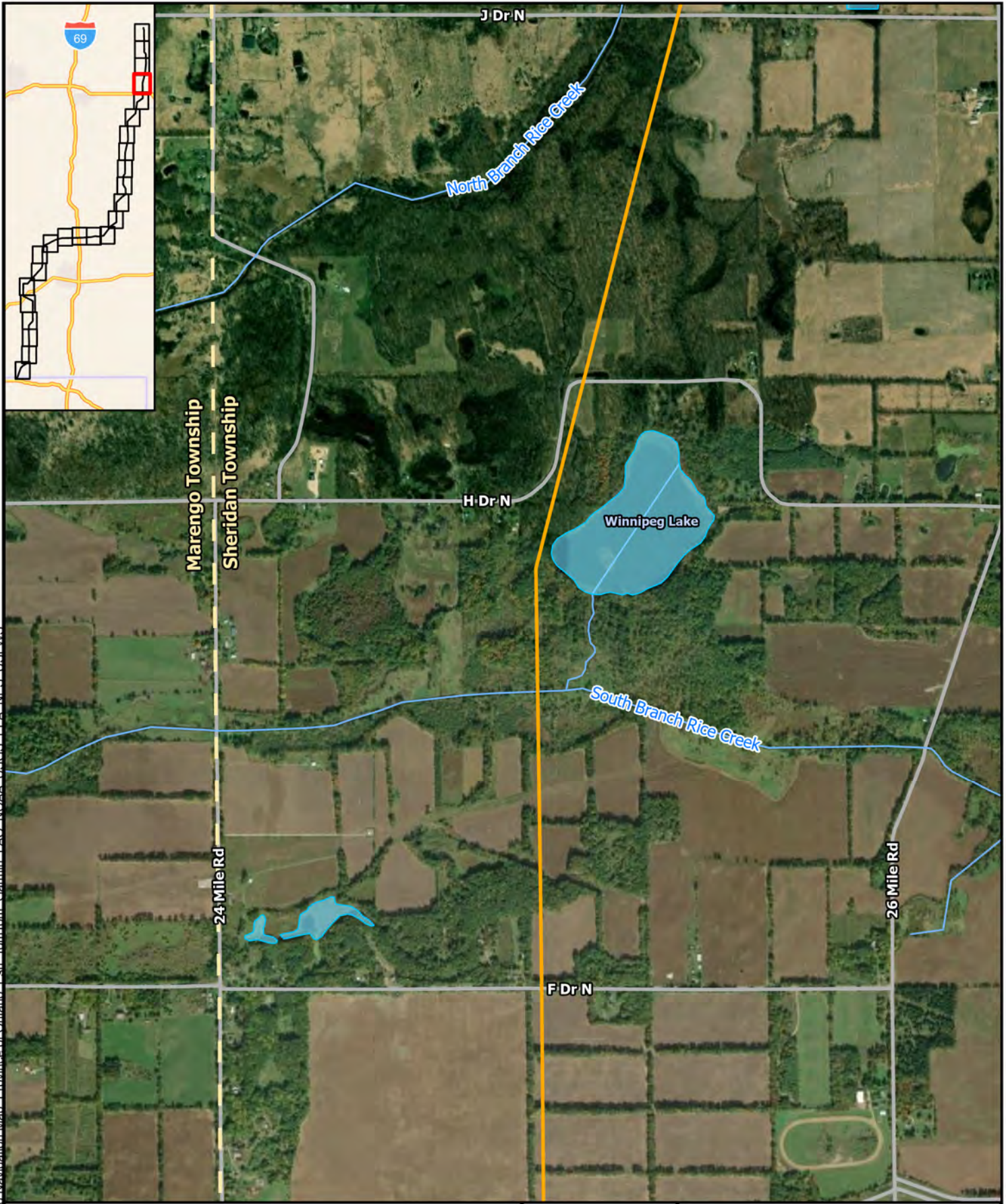


Substation	Township Boundary	 NORTH  0 0.1 0.2 0.4 Miles
MI/IN State Border Connection Point	Interstate or Highway	
New Helix Substation	Road	
Alternate Route	Railroads	
State Boundary	Waterway	
County Boundary	Lakes and Ponds	



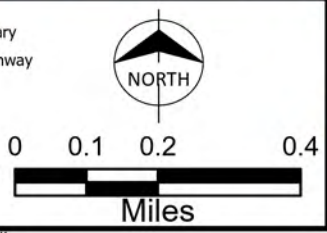
METC  
 Helix - Hiple  
 Alternate Route  
 Page 26 of 48

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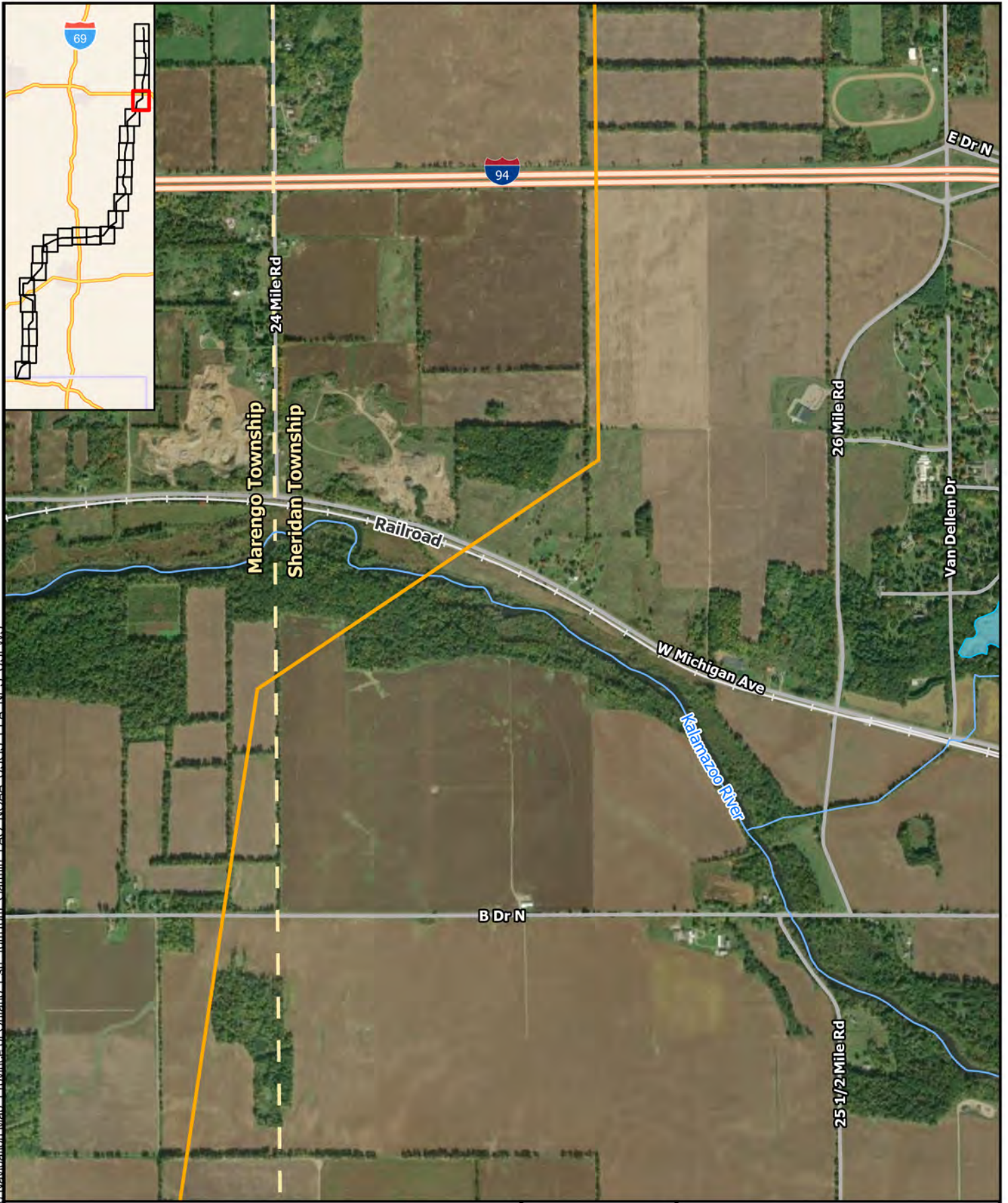
- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Alternate Route
- State Boundary
- County Boundary

- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds



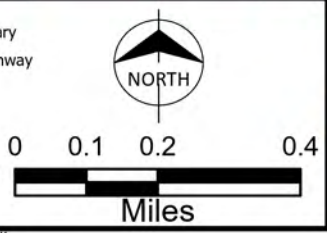
**METC**  
 Helix - Hiple  
 Alternate Route  
 Page 27 of 48

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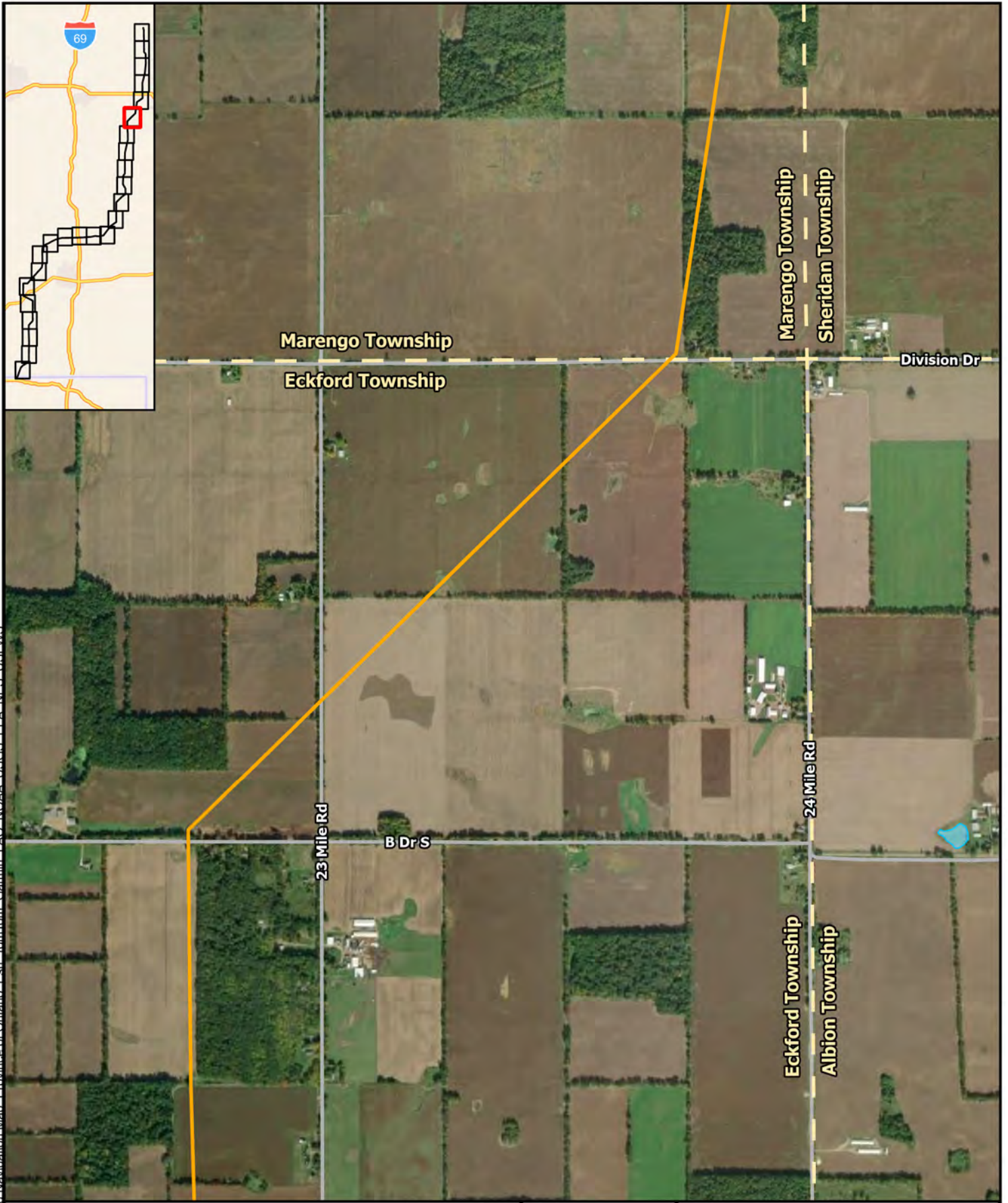


- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Alternate Route
- State Boundary
- County Boundary

- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds

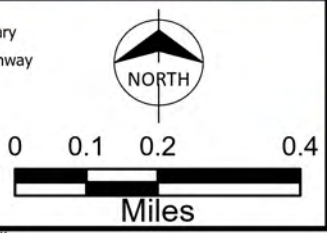


**METC**  
 Helix - Hiple  
 Alternate Route  
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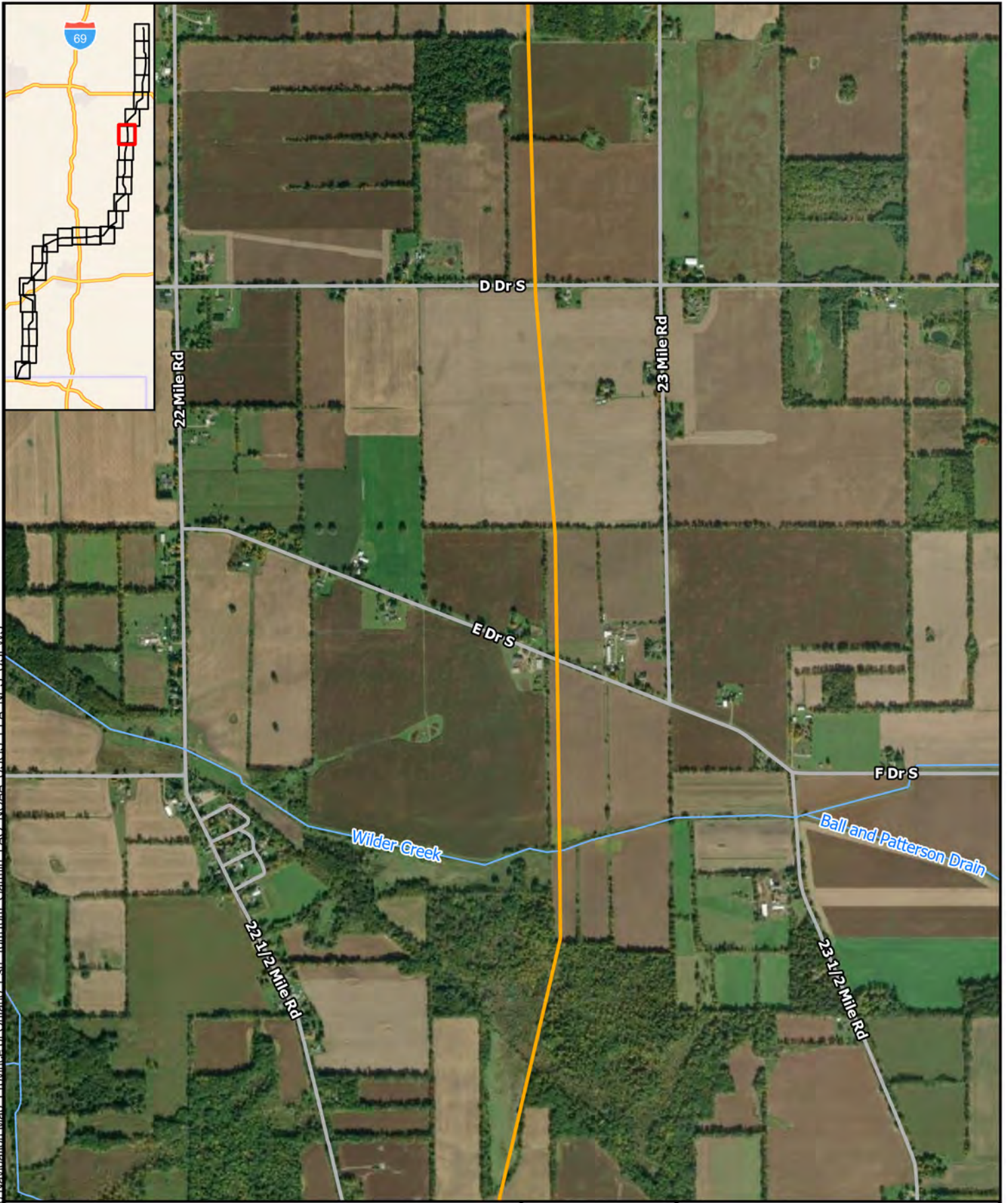
- Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Alternate Route
- State Boundary
- County Boundary

- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds



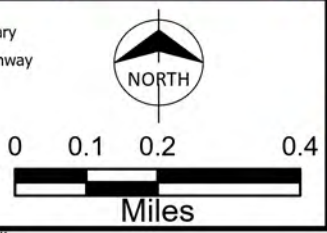
**METC**  
 Helix - Hiple  
 Alternate Route  
 Page 29 of 48

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- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Alternate Route
- State Boundary
- County Boundary

- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds

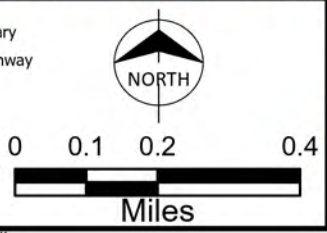


**METC**  
 Helix - Hiple  
 Alternate Route  
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- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Alternate Route
- State Boundary
- County Boundary

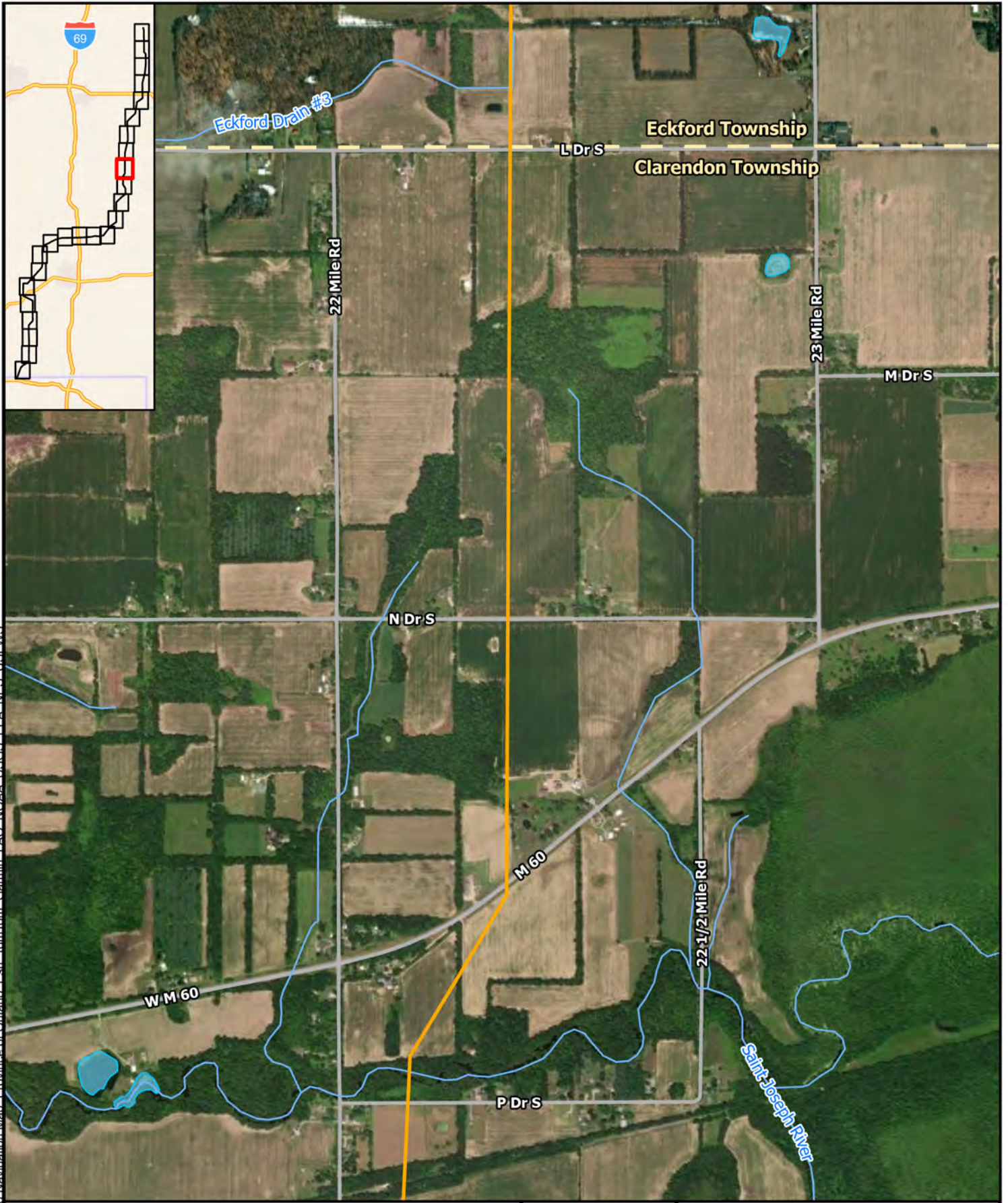
- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds



**METC**  
 Helix - Hiple  
 Alternate Route  
 Page 31 of 48

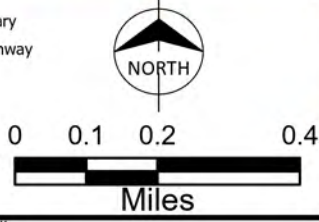


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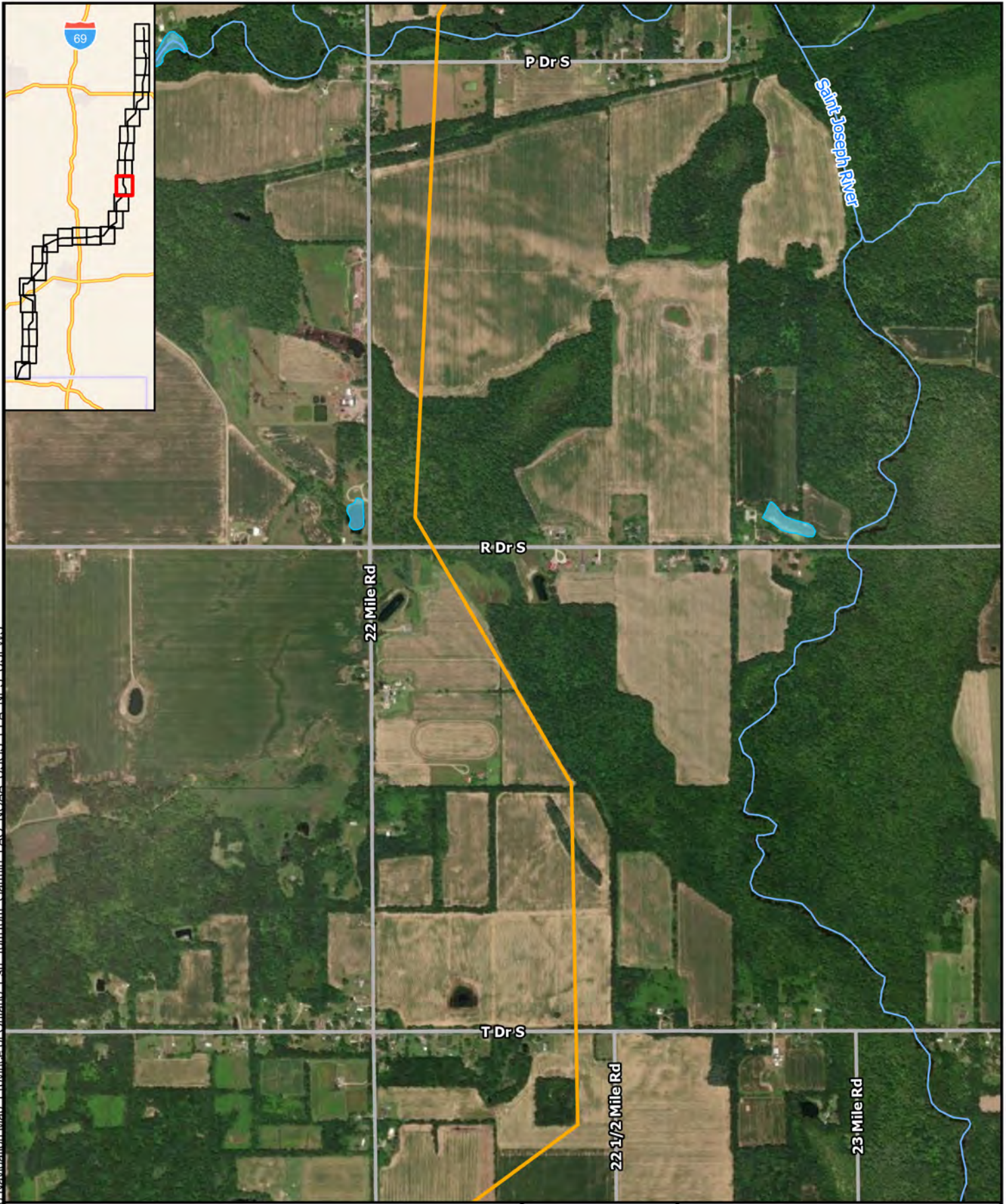


- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Alternate Route
- State Boundary
- County Boundary

- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds



**METC**  
 Helix - Hiple  
 Alternate Route  
 Page 32 of 48



Substation	Township Boundary
MI/IN State Border Connection Point	Interstate or Highway
New Helix Substation	Road
Alternate Route	Railroads
State Boundary	Waterway
County Boundary	Lakes and Ponds

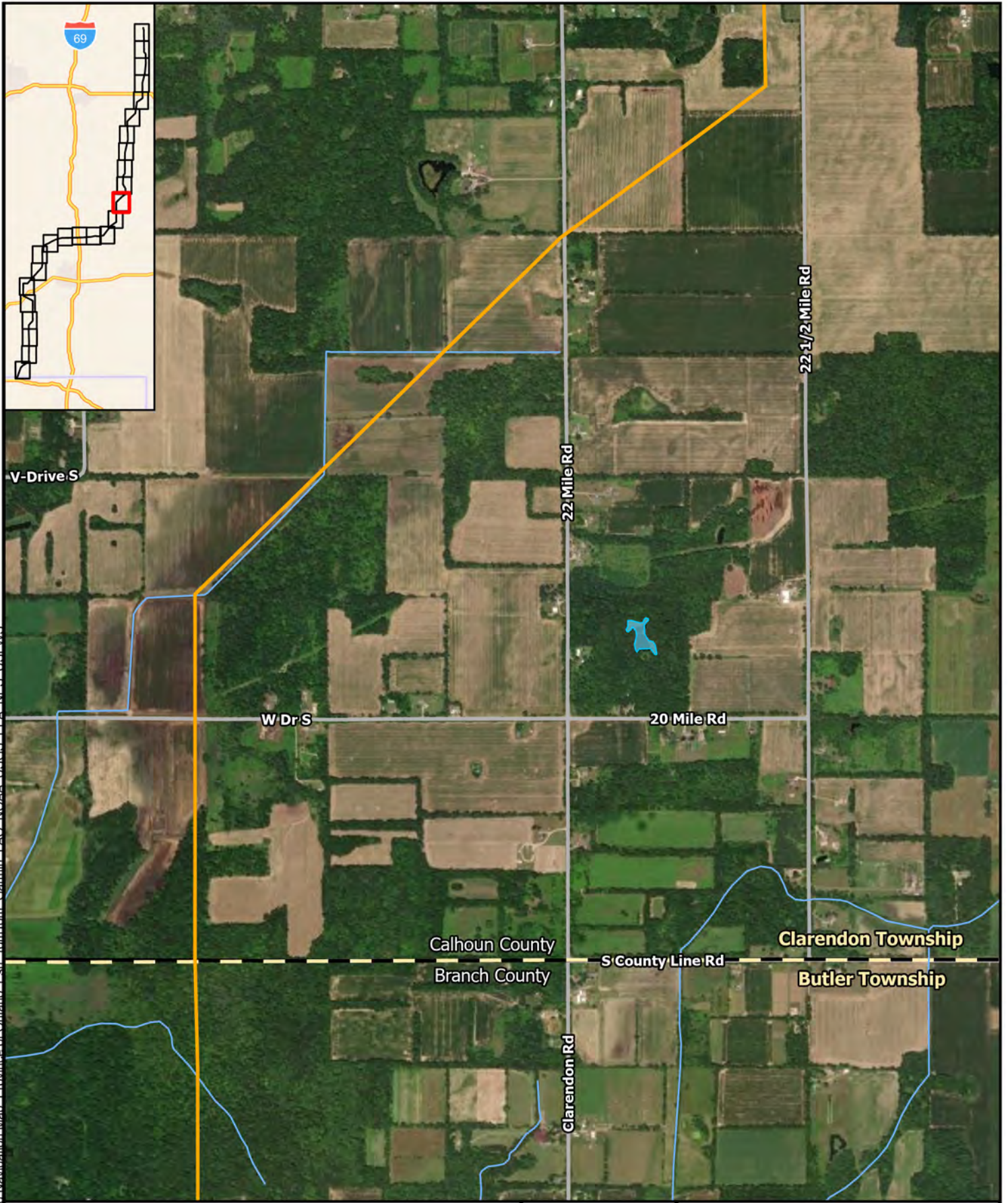
NORTH

0 0.1 0.2 0.4  
Miles

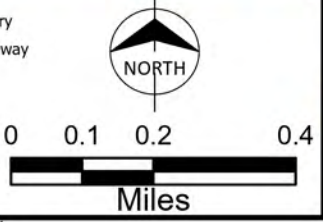


**METC**  
 Helix - Hiple  
 Alternate Route  
 Page 33 of 48

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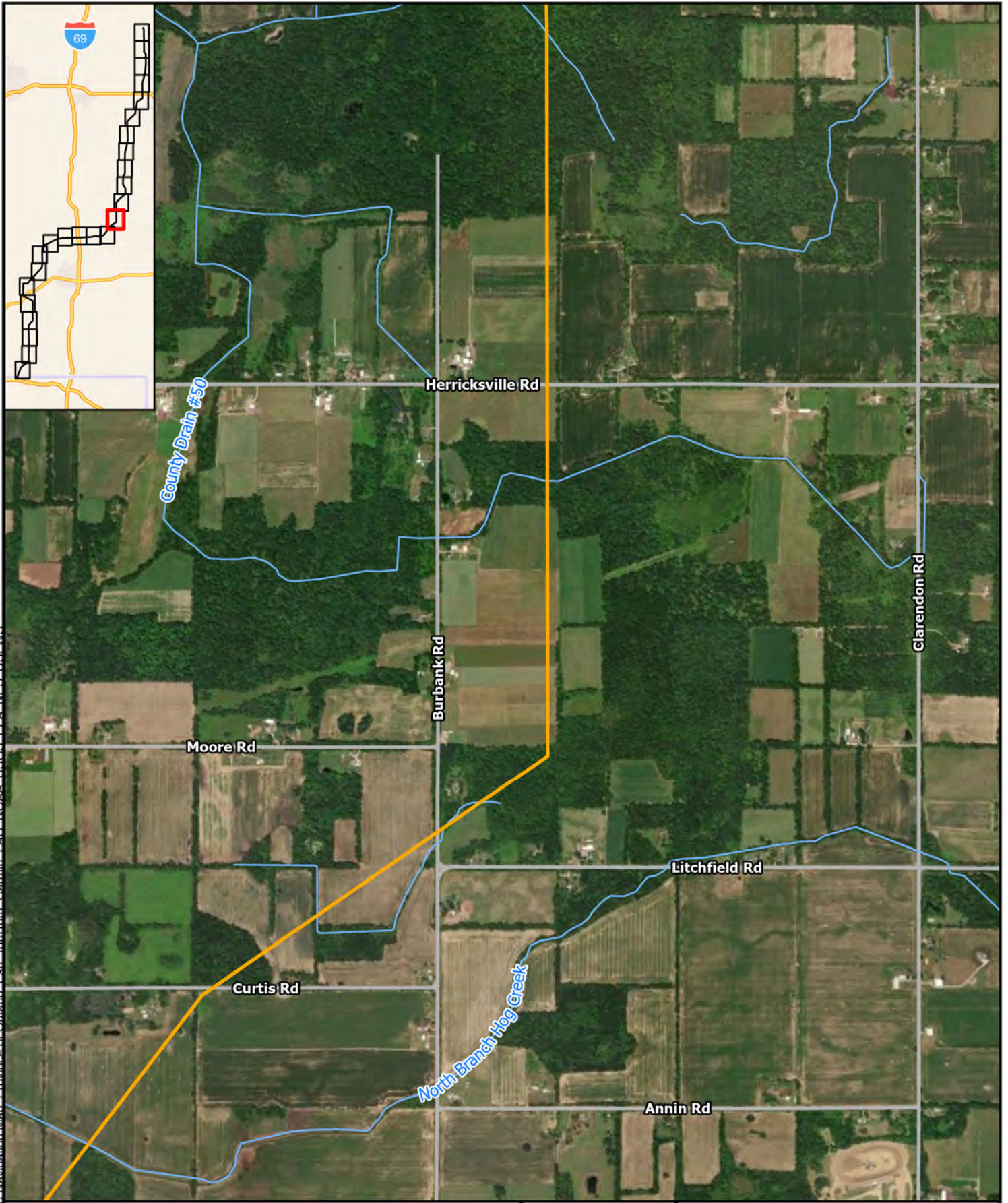


- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Alternate Route
- State Boundary
- County Boundary
- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds



**METC**  
 Helix - Hiple  
 Alternate Route  
 Page 34 of 48

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Substation	Township Boundary	 NORTH  0 0.1 0.2 0.4 Miles
MI/IN State Border Connection Point	Interstate or Highway	
New Helix Substation	Road	
Alternate Route	Railroads	
State Boundary	Waterway	
County Boundary	Lakes and Ponds	



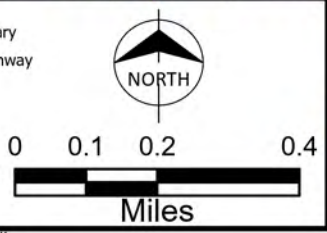
**METC**  
 Helix - Hiple  
 Alternate Route  
 Page 35 of 48

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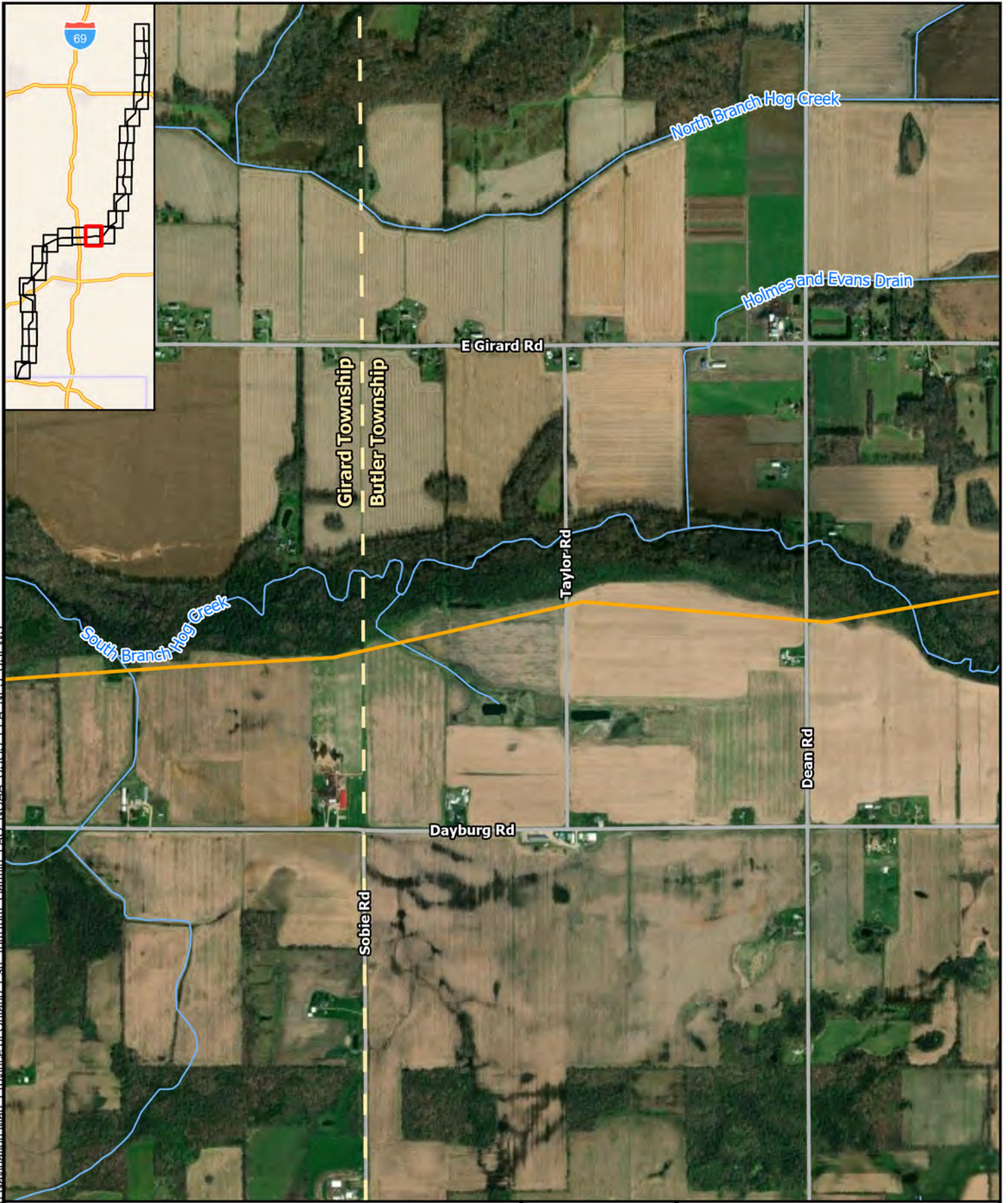
- Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Alternate Route
- State Boundary
- County Boundary

- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds



**METC**  
 Helix - Hiple  
 Alternate Route  
 Page 36 of 48

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Substation	Township Boundary
MI/IN State Border Connection Point	Interstate or Highway
New Helix Substation	Road
Alternate Route	Railroads
State Boundary	Waterway
County Boundary	Lakes and Ponds

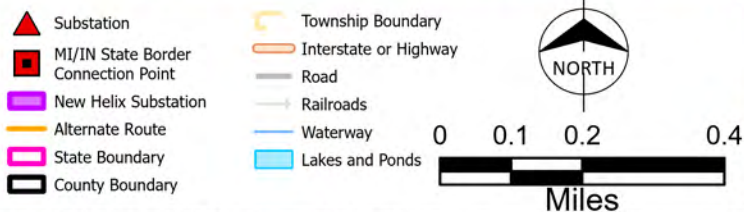
NORTH

0 0.1 0.2 0.4  
Miles



**METC**  
 Helix - Hiple  
 Alternate Route  
 Page 37 of 48

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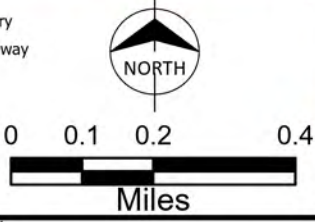


**METC**  
 Helix - Hiple  
 Alternate Route  
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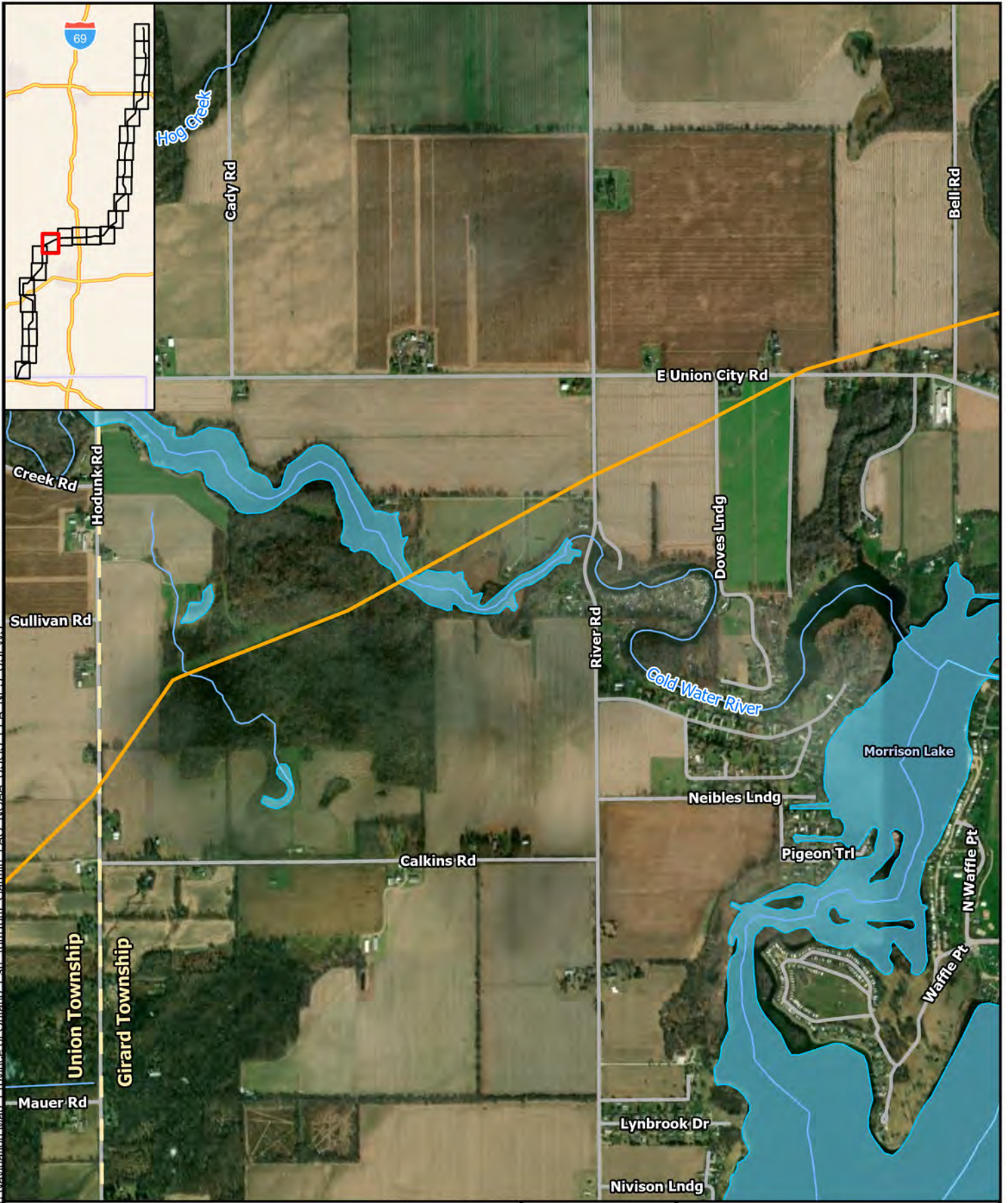
- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Alternate Route
- State Boundary
- County Boundary
- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds



**METC**  
 Helix - Hiple  
 Alternate Route  
 Page 39 of 48



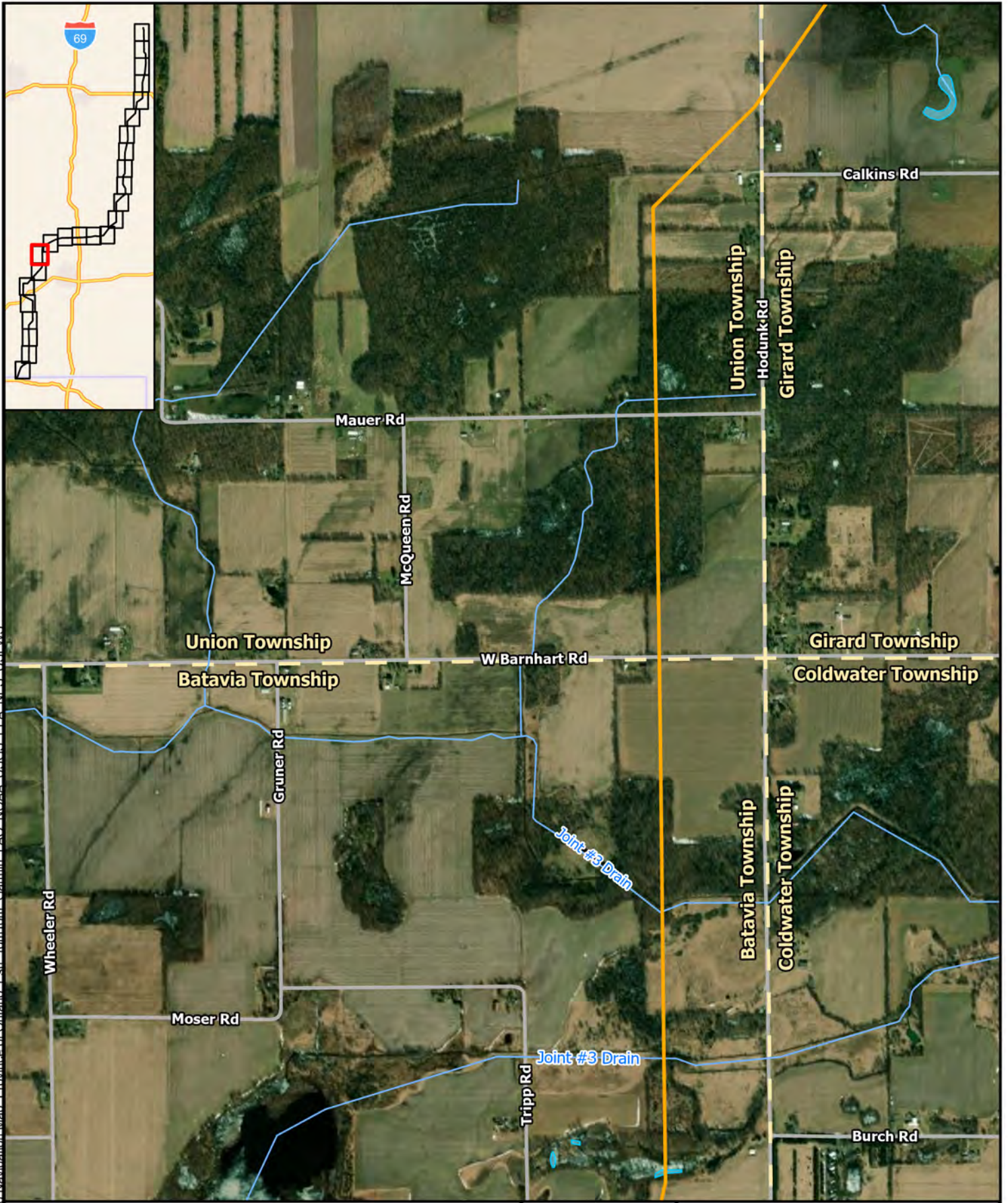
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Substation	Township Boundary	 NORTH
MI/IN State Border Connection Point	Interstate or Highway	
New Helix Substation	Road	 0 0.1 0.2 0.4 Miles
Alternate Route	Railroads	
State Boundary	Waterway	
County Boundary	Lakes and Ponds	



METC  
 Helix - Hiple  
 Alternate Route  
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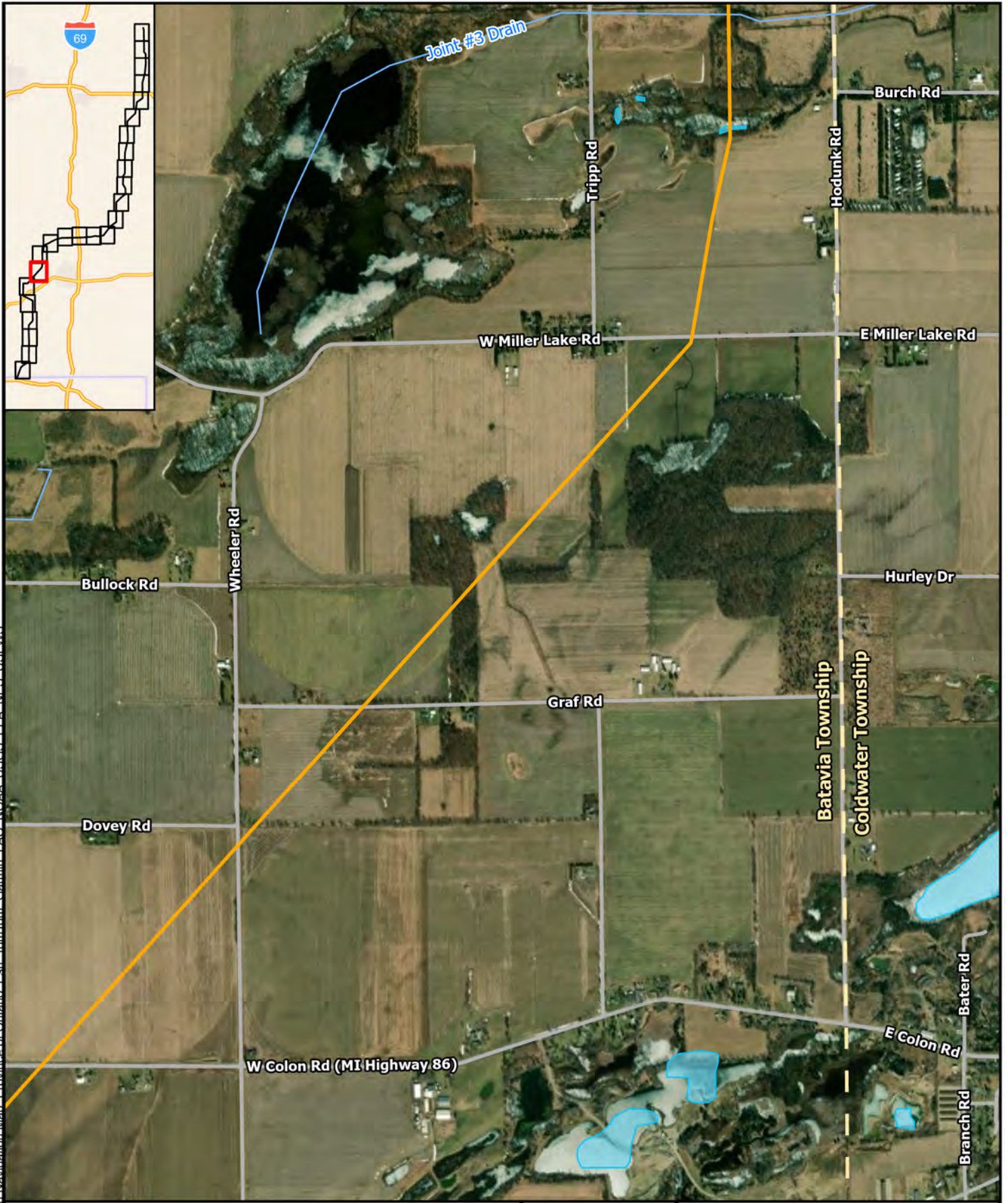


Substation	Township Boundary	 NORTH
MI/IN State Border Connection Point	Interstate or Highway	
New Helix Substation	Road	 0 0.1 0.2 0.4 Miles
Alternate Route	Railroads	
State Boundary	Waterway	
County Boundary	Lakes and Ponds	



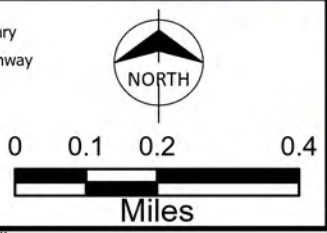
**METC**  
 Helix - Hiple  
 Alternate Route  
 Page 41 of 48

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- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Alternate Route
- State Boundary
- County Boundary

- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds

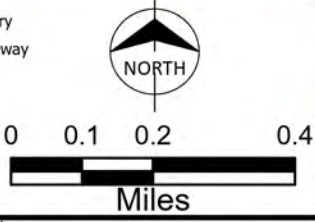


**METC**  
 Helix - Hiple  
 Alternate Route  
 Page 42 of 48

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- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Alternate Route
- State Boundary
- County Boundary
- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds

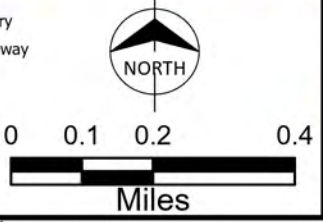


**METC**  
 Helix - Hiple  
 Alternate Route  
 Page 43 of 48

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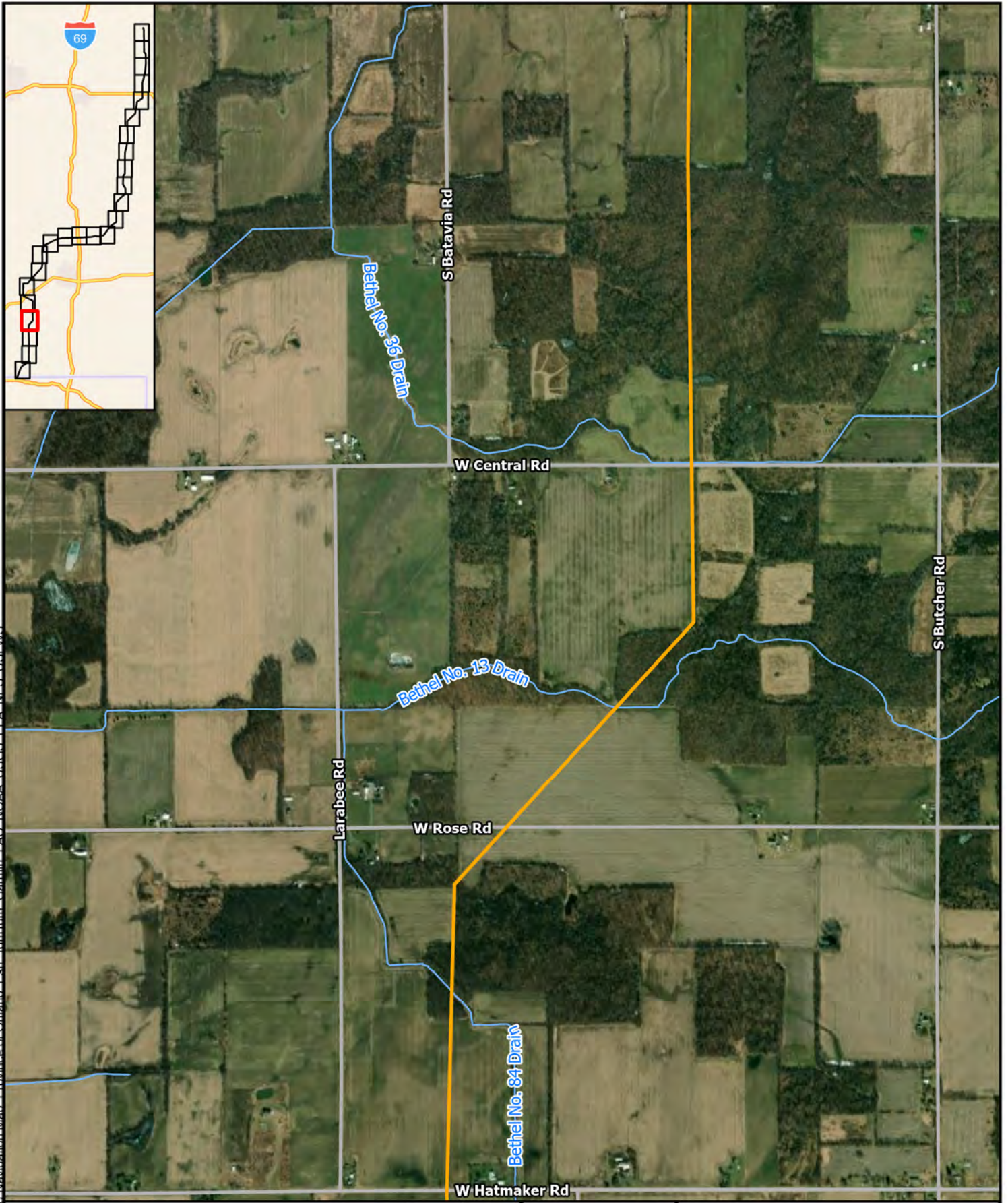


- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Alternate Route
- State Boundary
- County Boundary
- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds

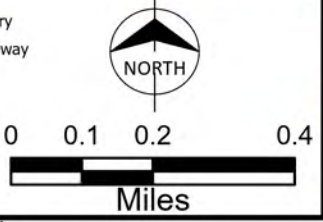


**METC**  
 Helix - Hiple  
 Alternate Route  
 Page 44 of 48

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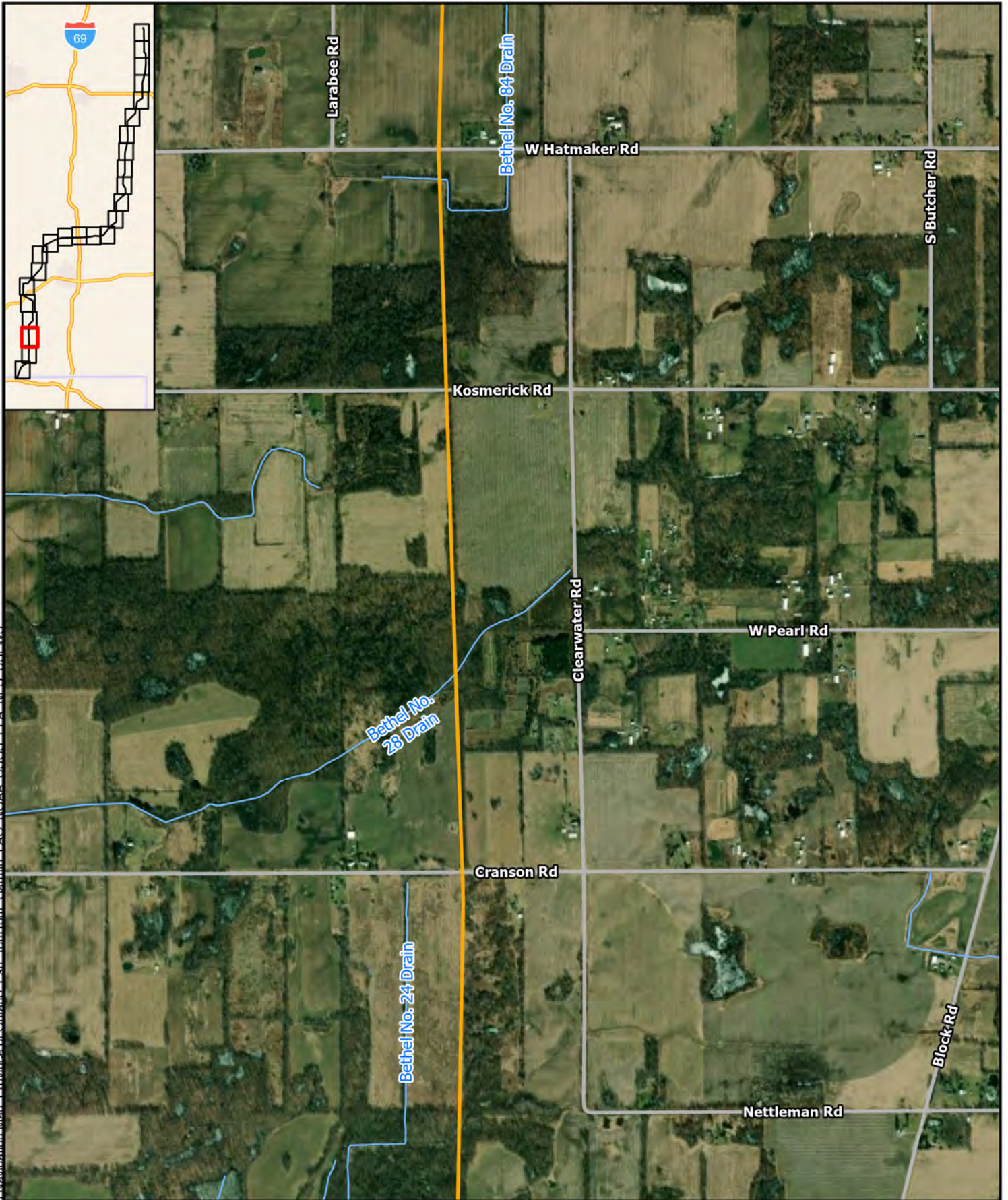


- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Alternate Route
- State Boundary
- County Boundary
- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds

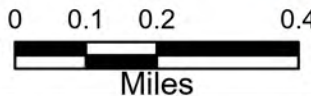


**METC**  
 Helix - Hiple  
 Alternate Route  
 Page 45 of 48

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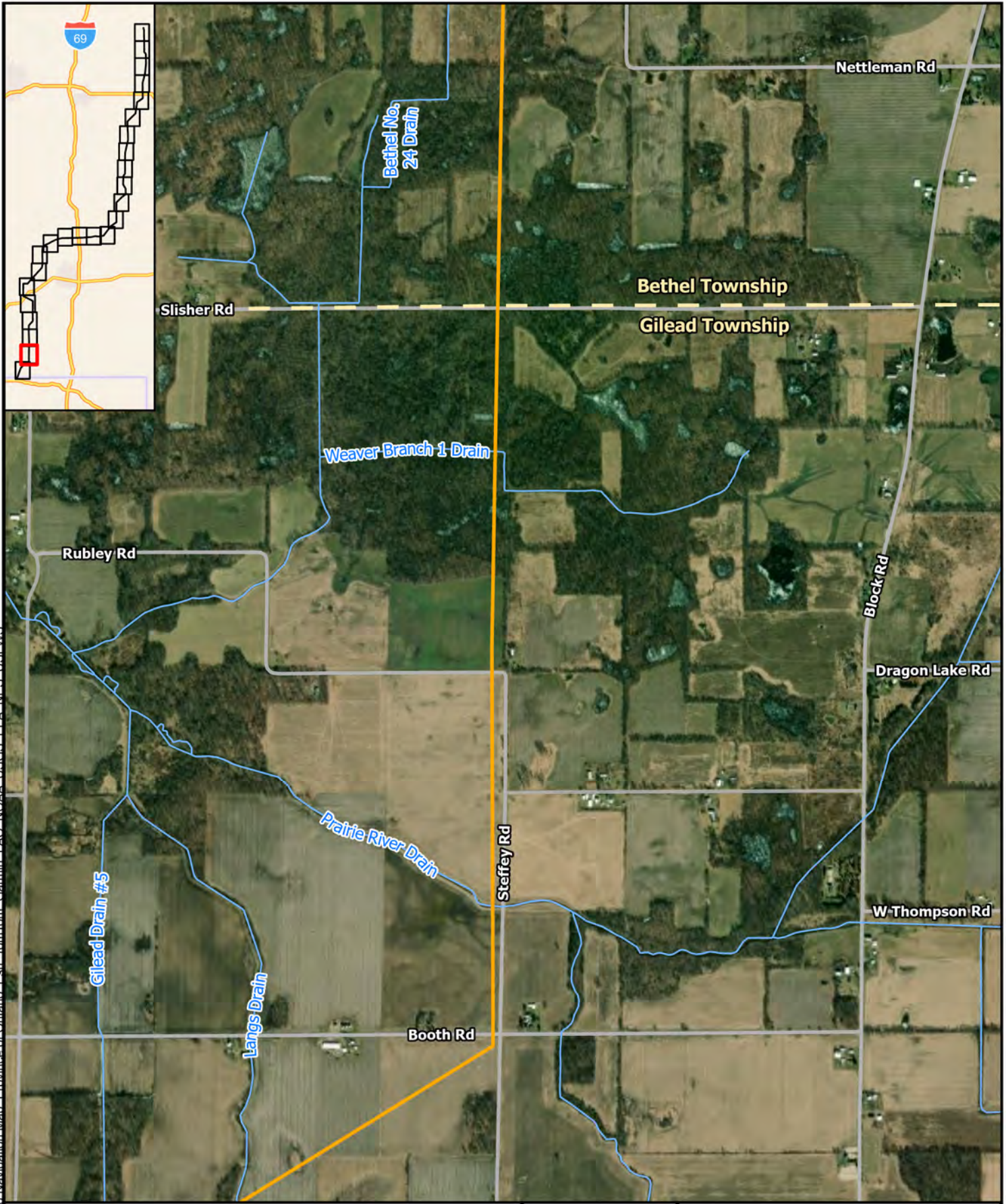


- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Alternate Route
- State Boundary
- County Boundary
- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds



**METC**  
 Helix - Hiple  
 Alternate Route  
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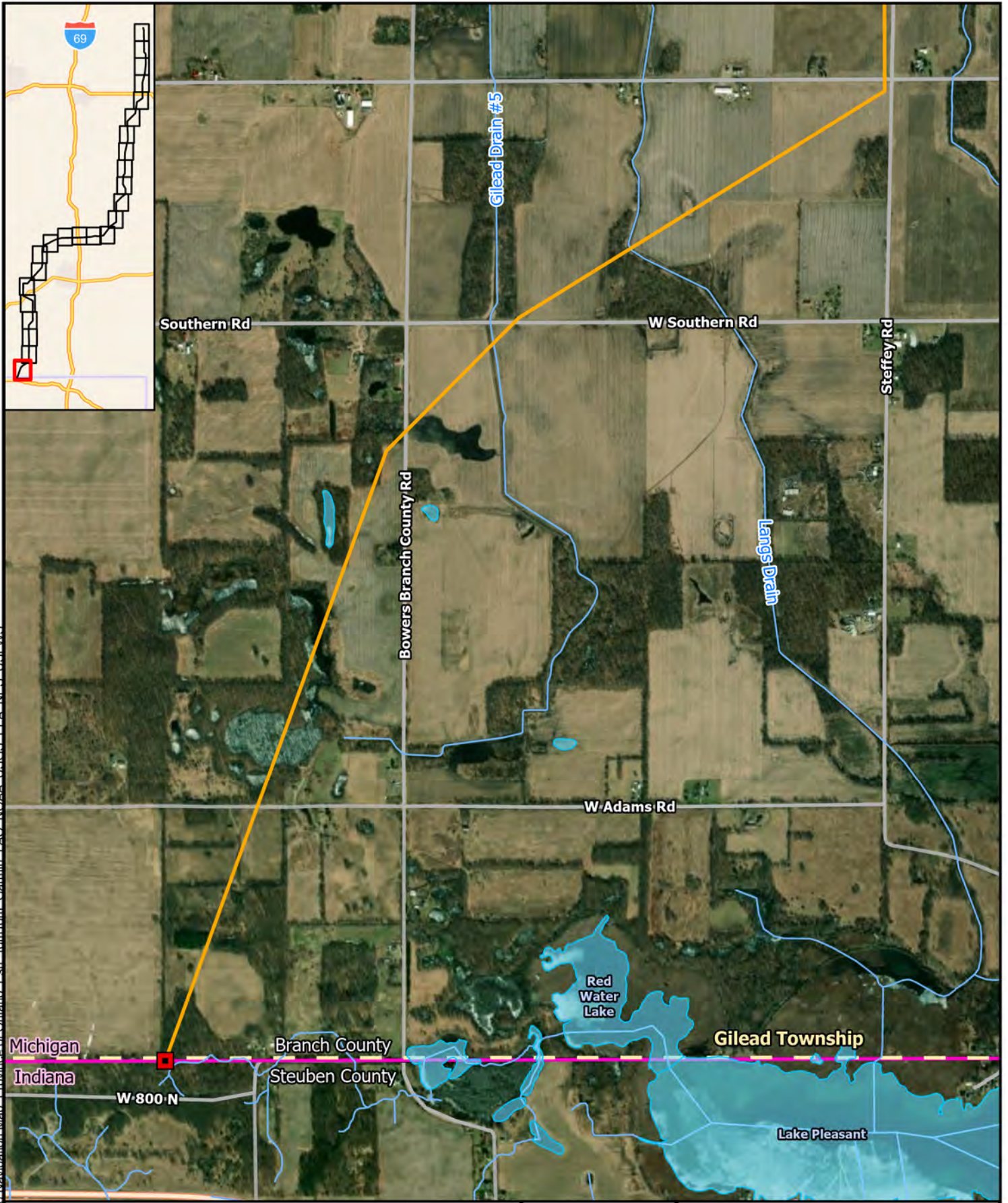
Substation	Township Boundary	 NORTH  0 0.1 0.2 0.4 Miles
MI/IN State Border Connection Point	Interstate or Highway	
New Helix Substation	Road	
Alternate Route	Railroads	
State Boundary	Waterway	
County Boundary	Lakes and Ponds	



**METC**  
 Helix - Hiple  
 Alternate Route  
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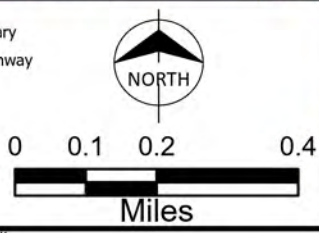


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- ▲ Substation
- MI/IN State Border Connection Point
- New Helix Substation
- Alternate Route
- State Boundary
- County Boundary

- Township Boundary
- Interstate or Highway
- Road
- Railroads
- Waterway
- Lakes and Ponds



**METC**  
 Helix - Hiple  
 Alternate Route  
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