

X:\20164-0007001\Tech\GIS\MXD\Environmental\MapBook\_3.mxd

Data Sources:  
Land Cover - MDNR, Forest, Mineral and Fire Management Division  
Land Use - Grand Traverse County  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server \_http://gdw.apfo.usda.gov

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**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Water Bodies

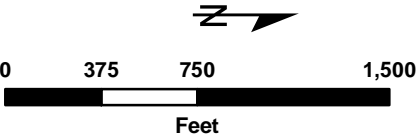
Rivers/Streams

Railroad

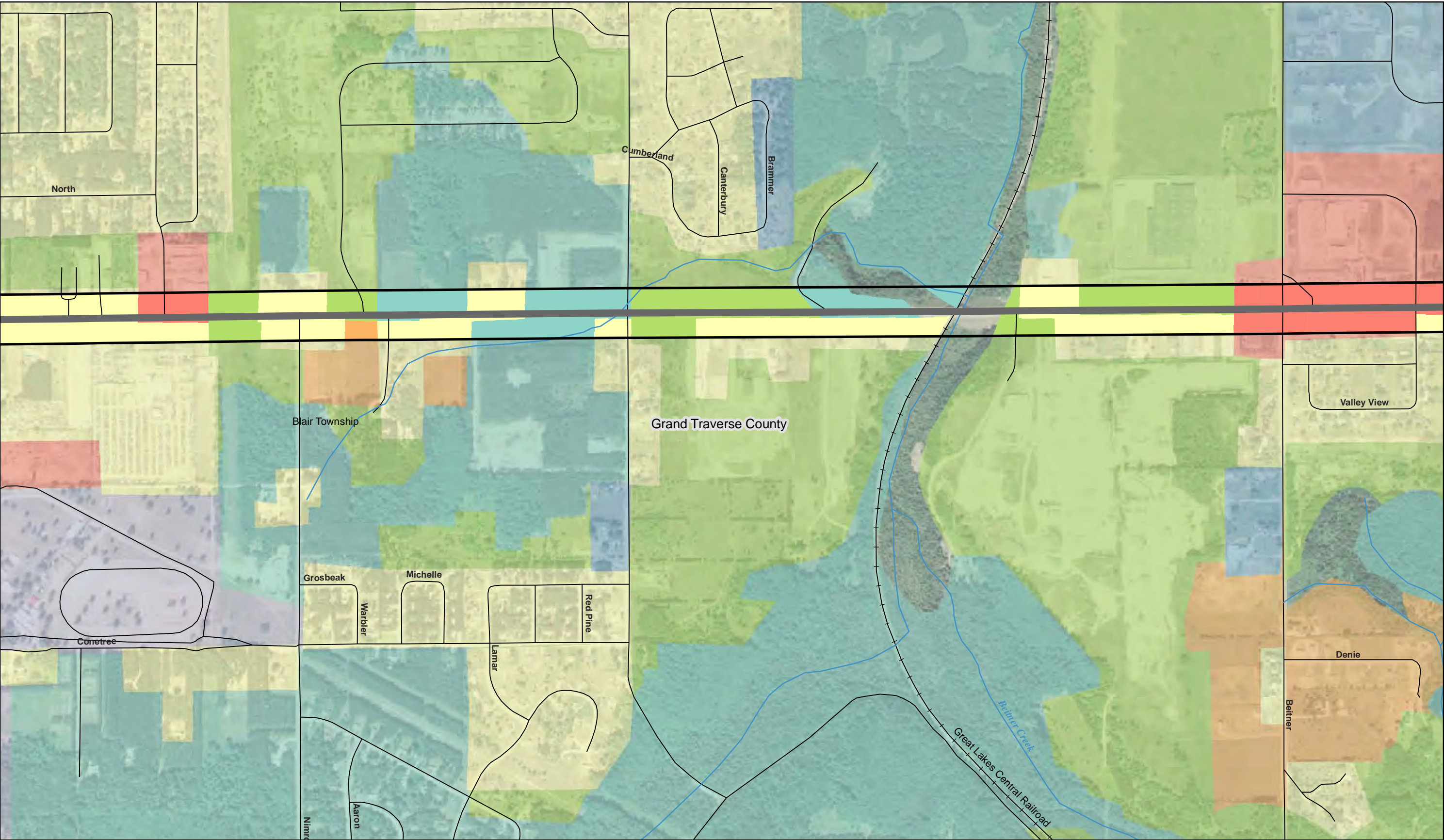
Roads

**LAND USE**

- Mixed Residential
- Mixed Agricultural
- Mixed Commercial
- Mixed Industrial
- Open Land
- Forested Land
- Public/Semi-Public







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Sheet 3 of 6

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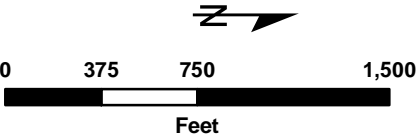
- Corridor
- Corridor Buffer
- Municipal Boundary
- Water Bodies

**LAND USE**

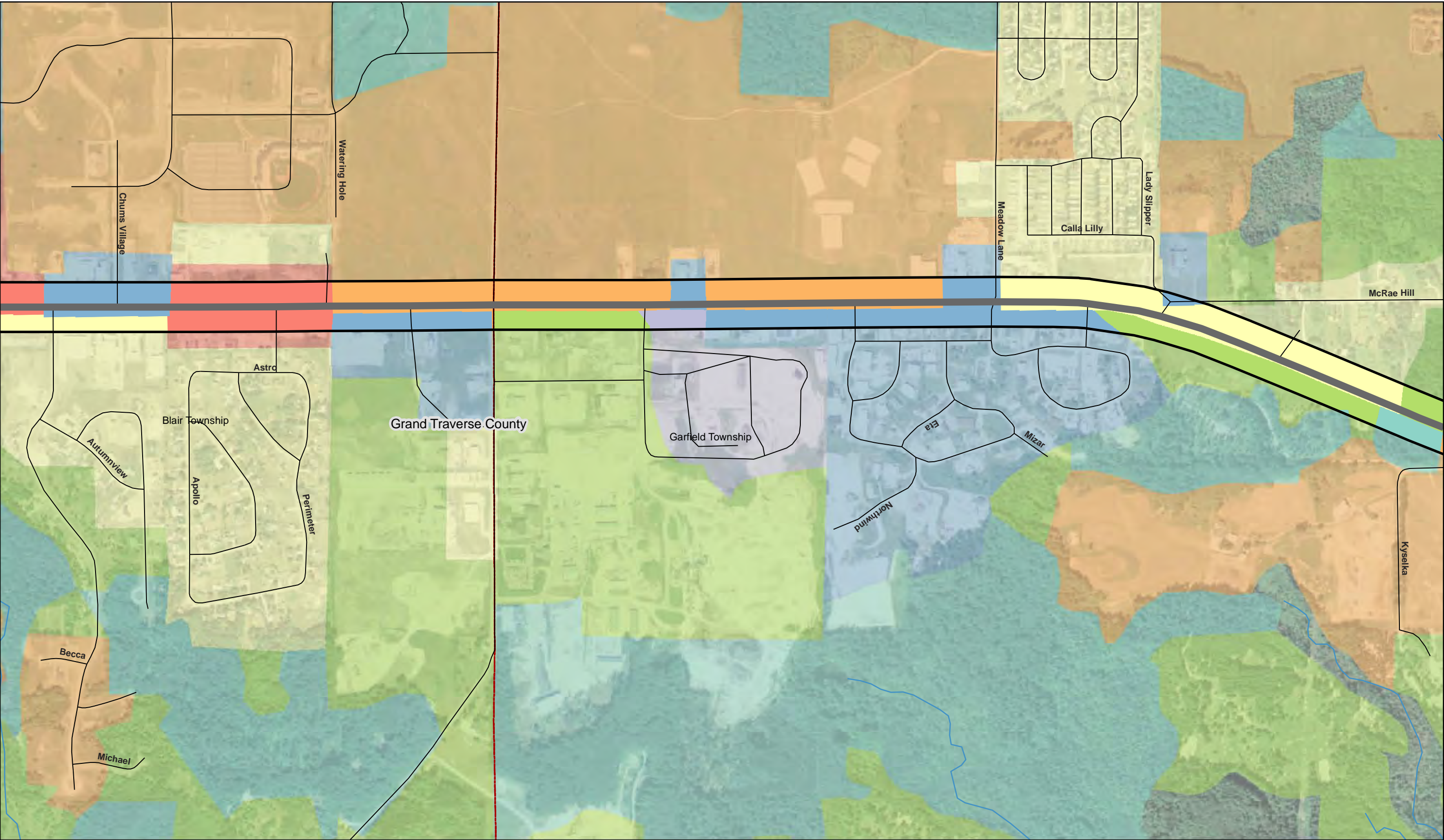
- Mixed Residential
- Mixed Agricultural
- Mixed Commercial
- Mixed Industrial
- Open Land
- Forested Land
- Public/Semi-Public

**Rivers/Streams**

- Rivers/Streams
- Railroad
- Roads







Sheet 4 of 6

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**LEGEND**

Corridor

Corridor Buffer

Municipal Boundary

Water Bodies

Rivers/Streams

Railroad

Roads

**LAND USE**

Mixed Residential

Mixed Agricultural

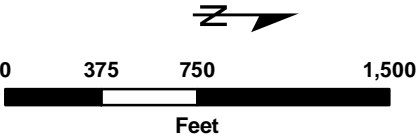
Mixed Commercial

Mixed Industrial

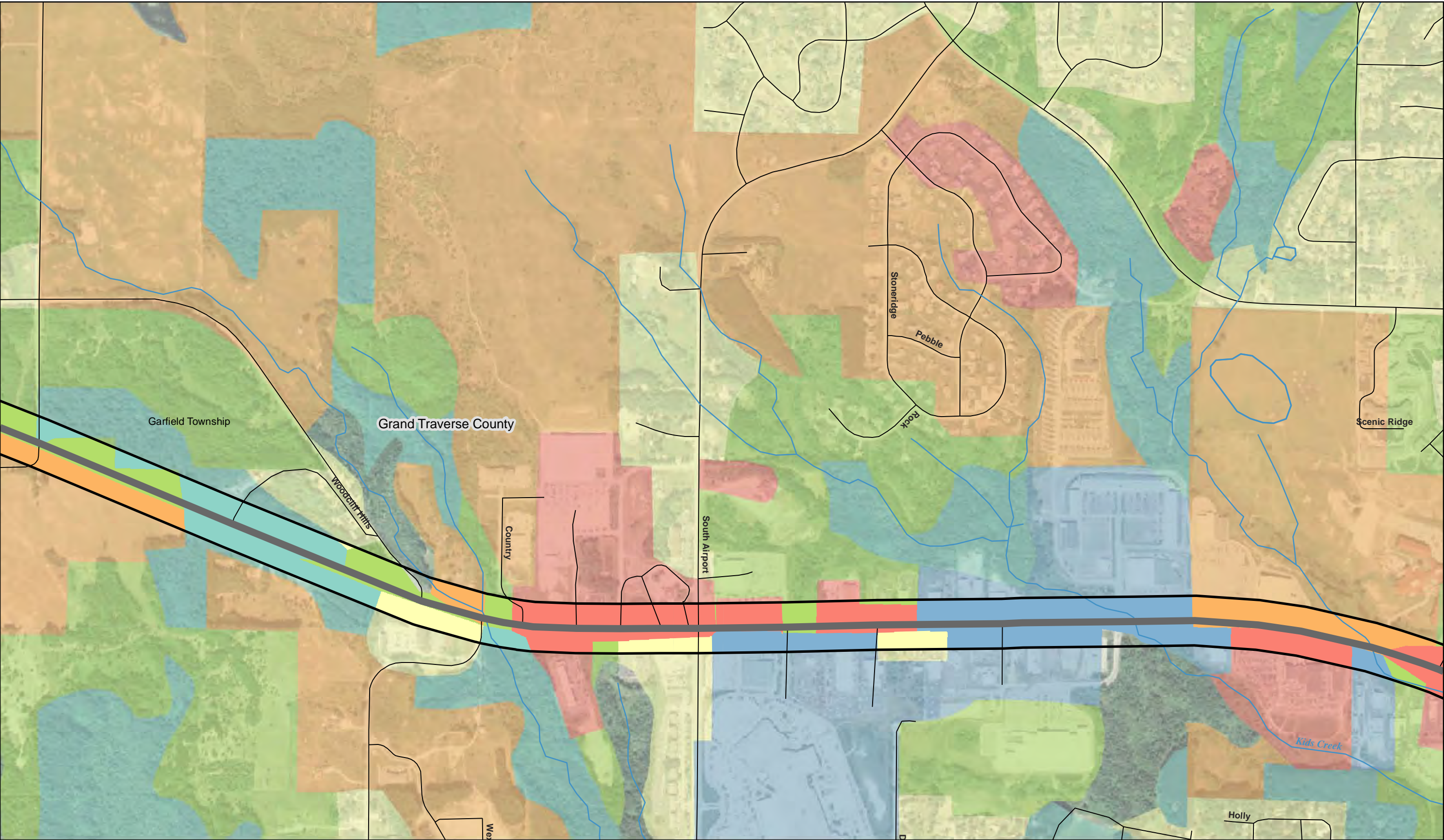
Open Land

Forested Land

Public/Semi-Public







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Sheet 5 of 6

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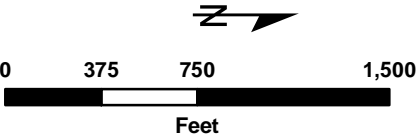
**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Water Bodies

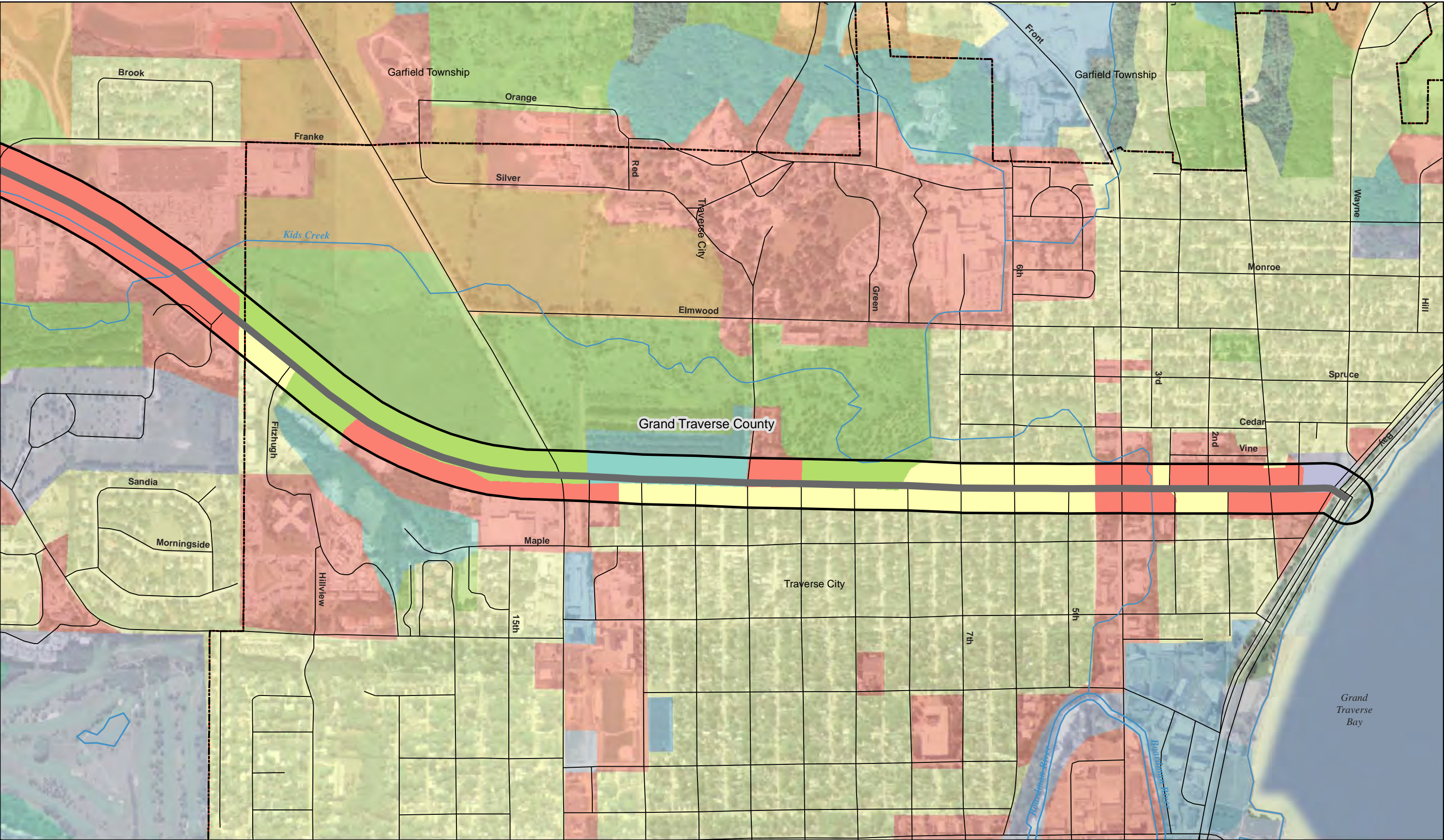
- Rivers/Streams
- Railroad
- Roads

**LAND USE**

- Mixed Residential
- Mixed Agricultural
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- Public/Semi-Public







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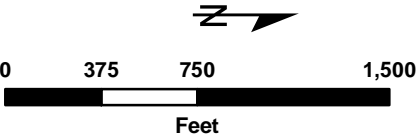
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- Municipal Boundary
- Water Bodies

**LAND USE**

- Mixed Residential
- Mixed Agricultural
- Mixed Commercial
- Mixed Industrial
- Open Land
- Forested Land
- Public/Semi-Public

**Other Features**

- Rivers/Streams
- Railroad
- Roads





#### Corridor 4 – West US-31, Beitner, Keystone

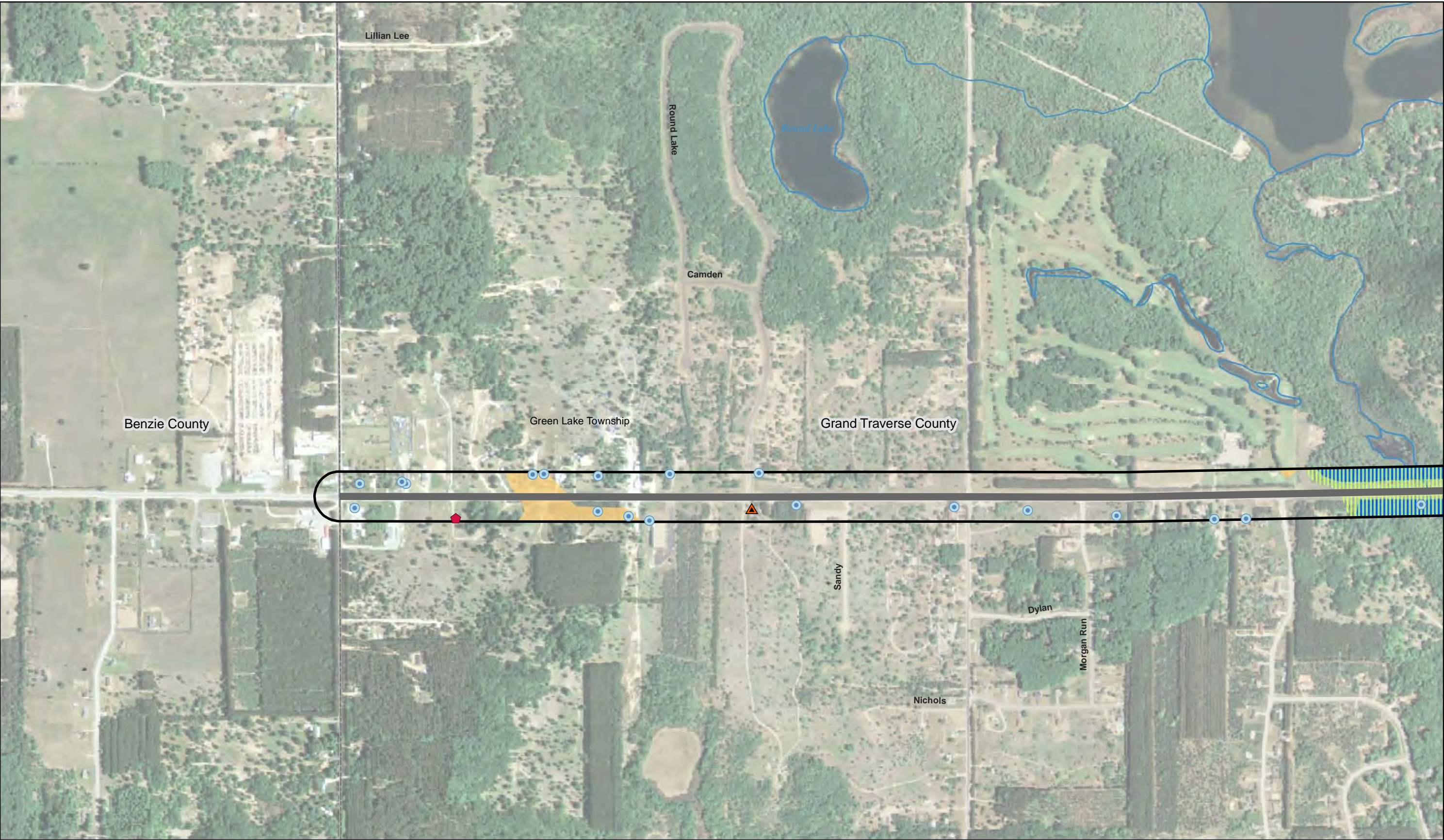
The West US-31, Beitner, Keystone corridor is located in Grand Traverse County in the townships of Green Lake, Blair, and Garfield. The corridor is approximately 13.8 miles long, and it begins at the Benzie County line and continues to South Airport Road. It has two lanes with posted speeds of 45 miles per hour to 55 miles per hour. Major intersections include South Long Lake Road, West Silver Lake Road, Beitner Road, Cass Road and Birmley Road. The roadway surface is asphalt and it has three existing functional classes. From the Benzie County line to M-37, the functional class is Principal Arterial. Between M-37 and Birmley Road it is considered Minor Arterial. From Birmley Road to South Airport Road it is classified as a Major Collector. It has an average daily traffic (ADT) count of 21,737 cars per day, though this count varies along the length of the corridor. The total land area within the buffer is approximately 674 acres.

The table below summarizes the presence of environmental resources in the West US-31, Beitner, Keystone corridor. Specific geographic information is shown on the maps on the following pages.

**Table 3.4 West US-31 Beitner Keystone Physical Environmental Resources Summary**

<b>Resource Category</b>	<b>Resource Summary</b>
Commercial / navigational rivers or streams	Boardman River
Landmarks	yes, five identified
Threatened or endangered species	yes
Wetlands	yes, 30.00 acres identified
Flood prone areas	yes, 55.51 acres identified
Coastal resources	yes, one area identified
Wild and scenic rivers / natural rivers	yes
Prime and unique farmland soils	yes, 81.78 acres identified
Hazardous materials	yes, 11 locations identified





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Wetlands - National Wetland Inventory, from Michigan Geographic Data Library  
Flood Prone Areas - Northwest MI Council of Governments  
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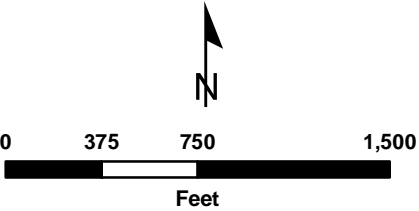
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**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Railroad
- Drinking Water Wells
- HazMat
- Landmarks
- Oil & Gas

**CONSTRAINTS**

- Prime and Unique Farmland Soils
- Flood Prone Areas
- Wetlands
- Steep > 6%







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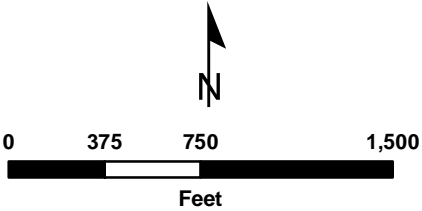
**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Railroad

- Drinking Water Wells
- HazMat
- Landmarks
- Oil & Gas

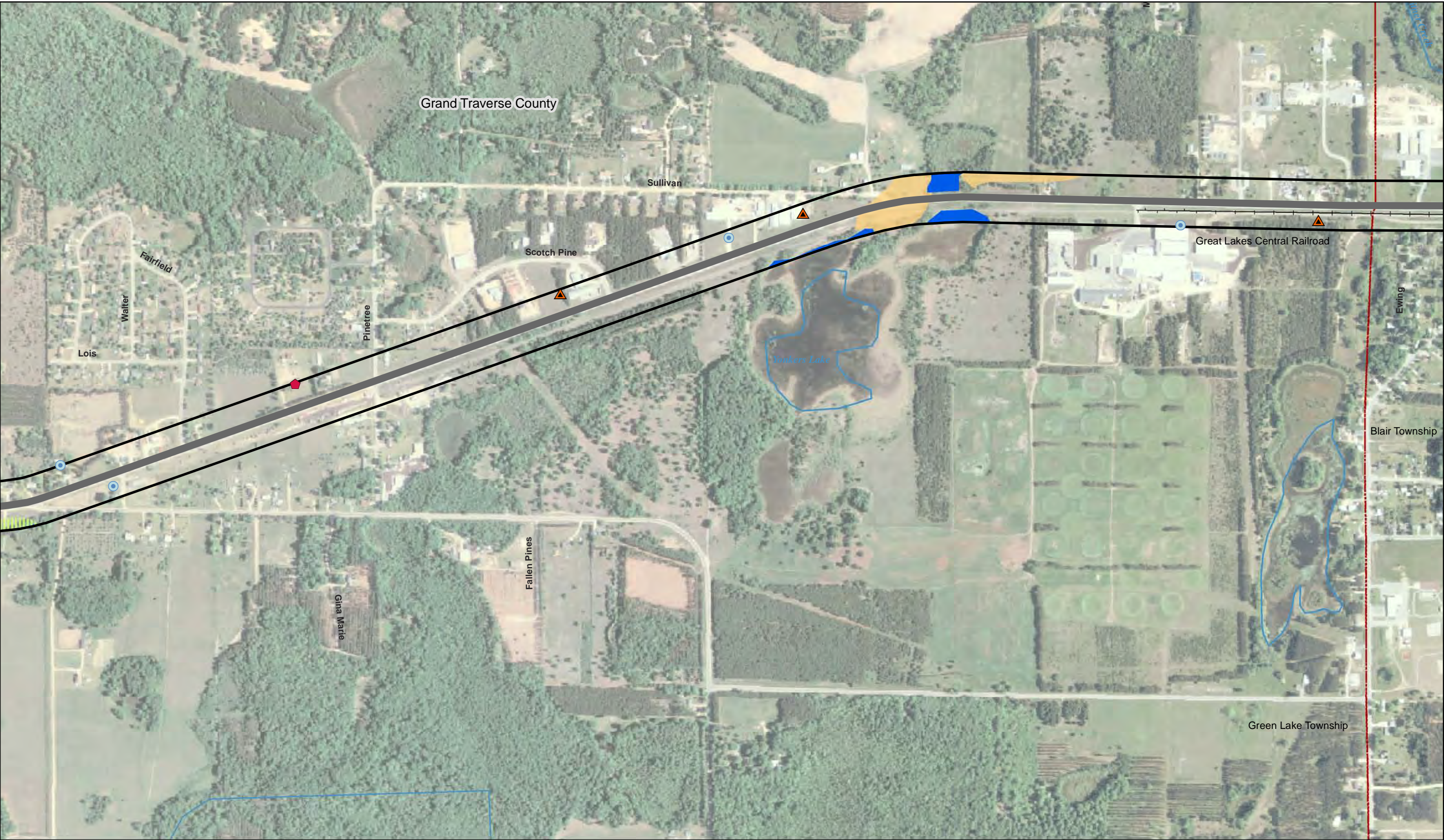
**CONSTRAINTS**

- Prime and Unique Farmland Soils
- Flood Prone Areas
- Wetlands
- Steep > 6%



**Corridors of Significance Environment Reports  
Corridor 4 - W US-31**





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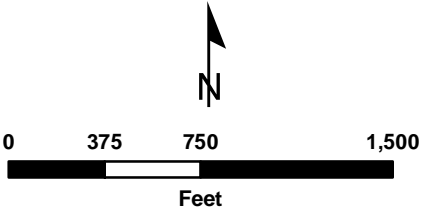
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**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Railroad
- Drinking Water Wells
- HazMat
- Landmarks
- Oil & Gas

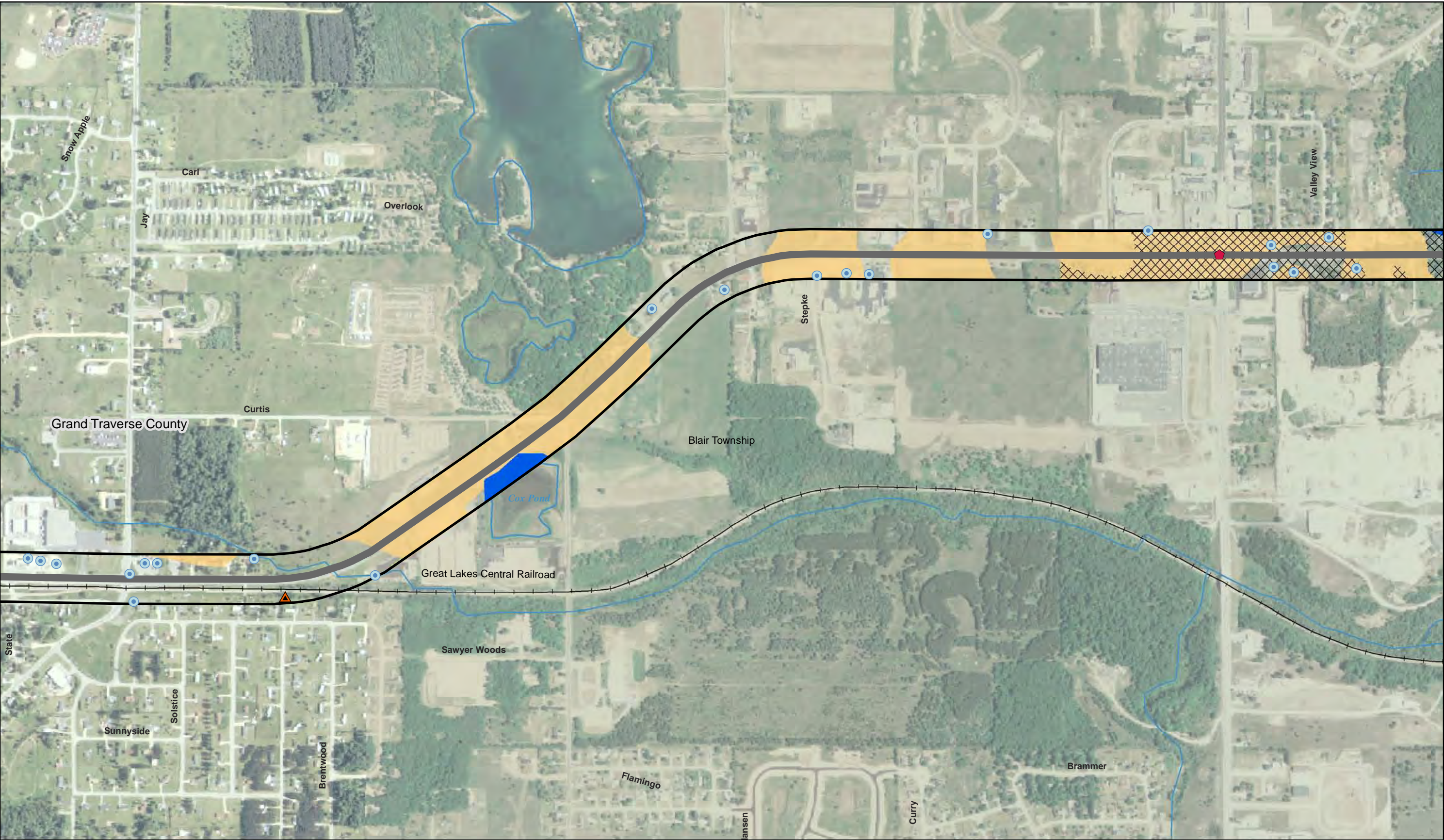
**CONSTRAINTS**

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- Flood Prone Areas
- Wetlands
- Steep > 6%



**Corridors of Significance Environment Reports**  
**Corridor 4 - W US-31**





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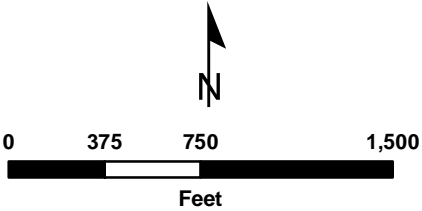
**LEGEND**

- Corridor
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- Municipal Boundary
- Railroad

- Drinking Water Wells
- HazMat
- Landmarks
- Oil & Gas

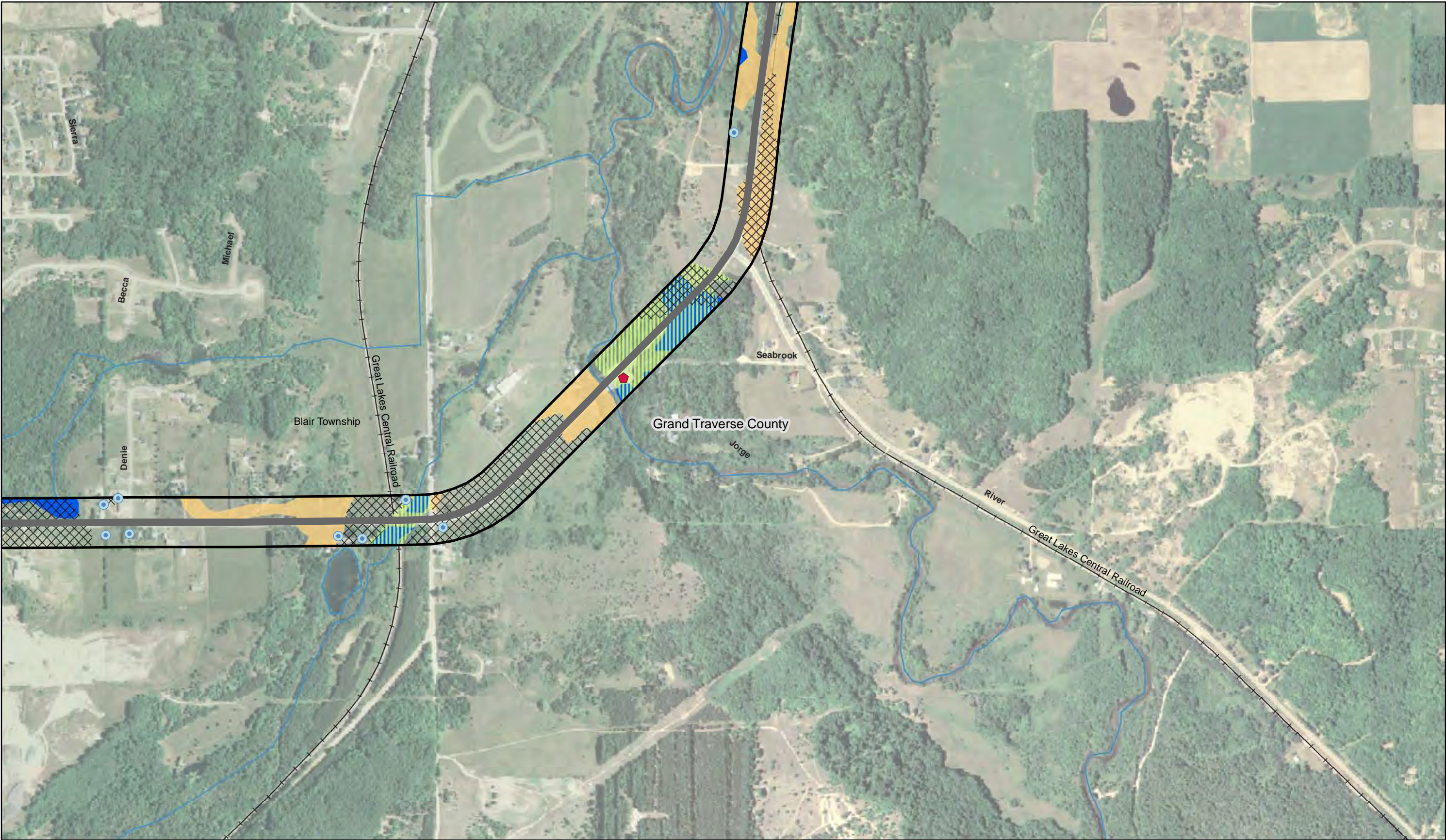
**CONSTRAINTS**

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- Flood Prone Areas
- Wetlands
- Steep > 6%



**Corridors of Significance Environment Reports  
Corridor 4 - W US-31**





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Sheet 5 of 8

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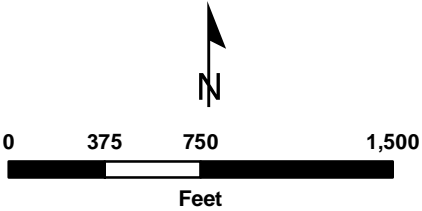
**LEGEND**

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- Municipal Boundary
- Railroad

- Drinking Water Wells
- HazMat
- Landmarks
- Oil & Gas

**CONSTRAINTS**

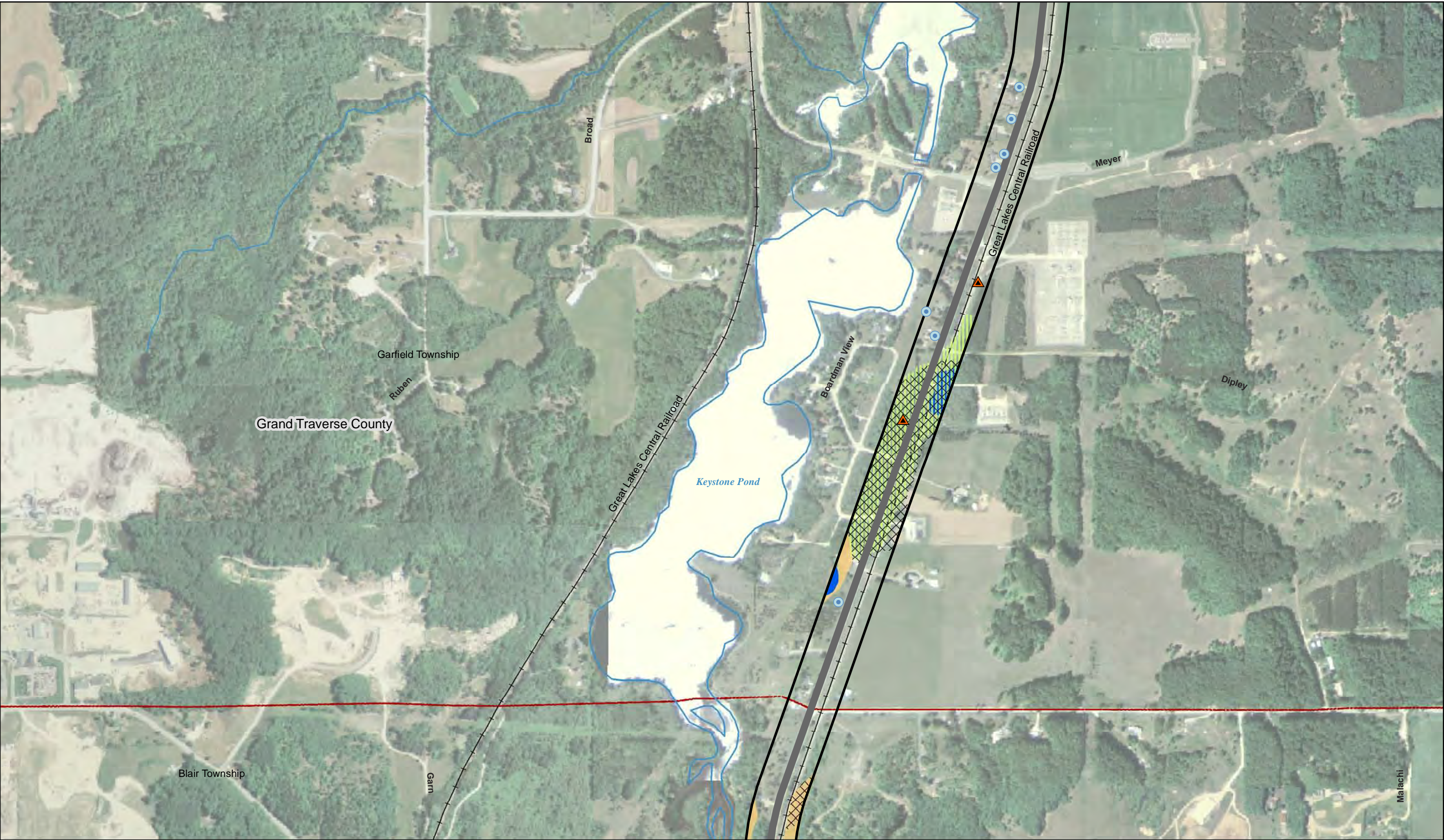
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**Corridors of Significance Environment Reports**  
**Corridor 4 - W US-31**







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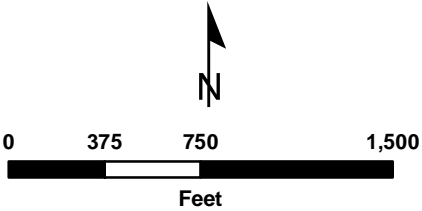
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- Landmarks
- Oil & Gas

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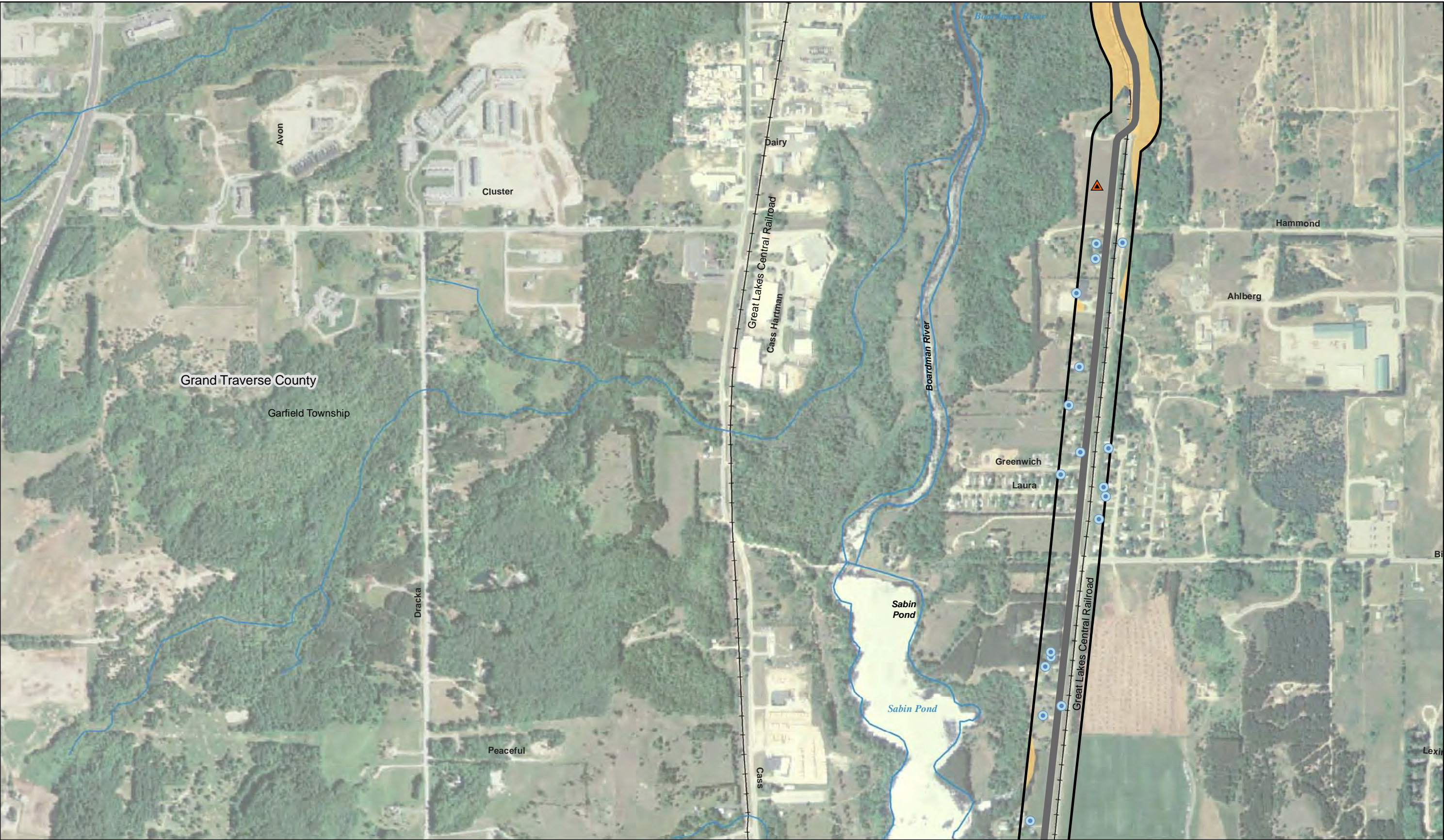
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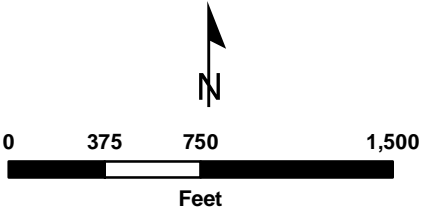
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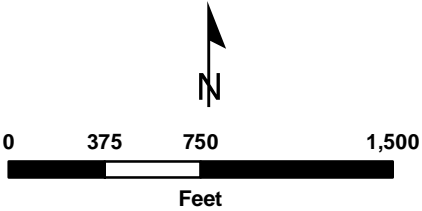
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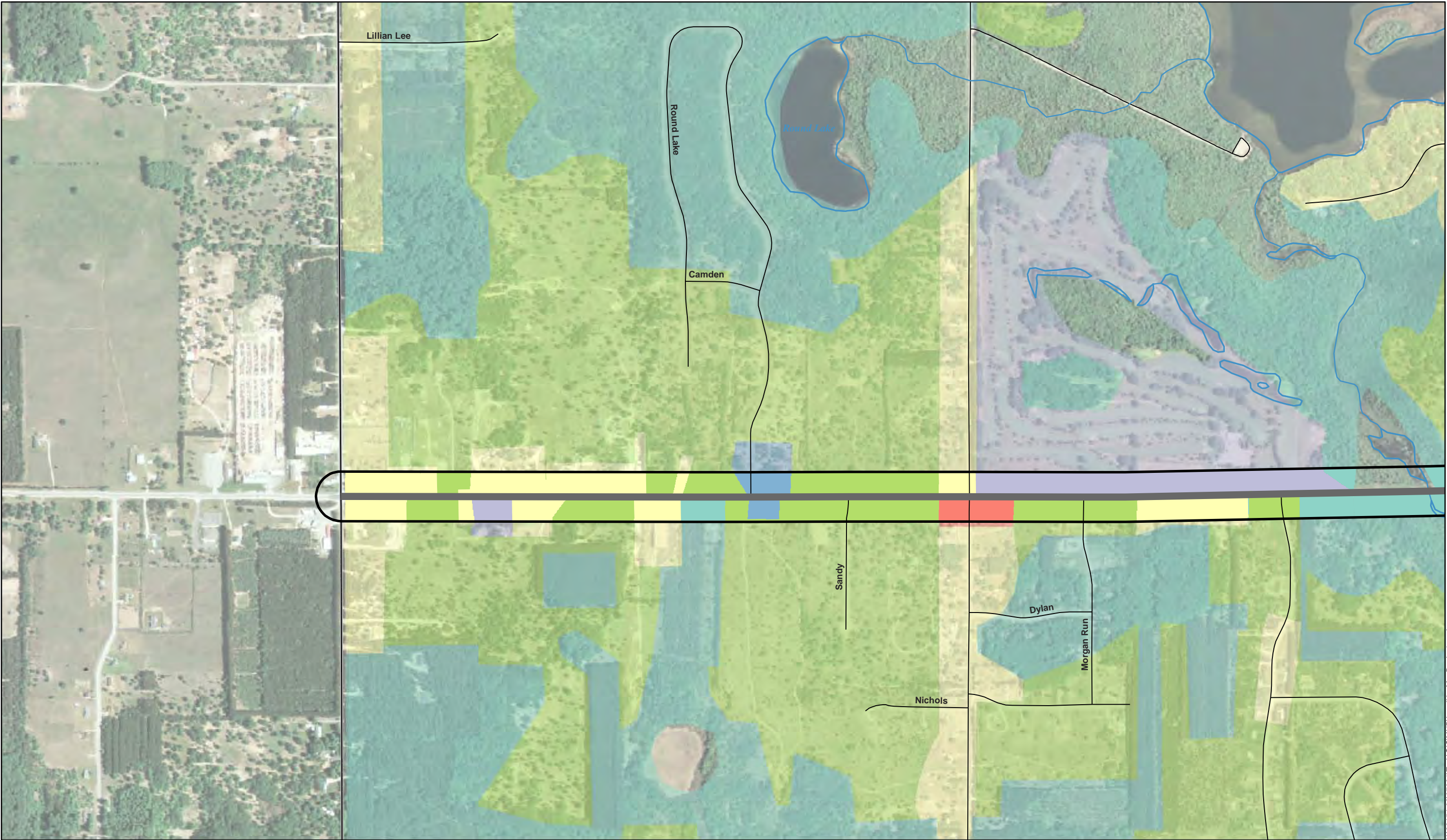
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**Corridors of Significance Environment Reports  
Corridor 4 - W US-31**







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Sheet 1 of 8

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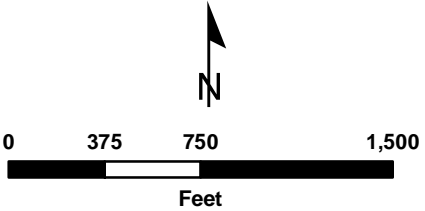
**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Water Bodies

- Rivers/Streams
- Railroad
- Roads

**LAND USE**

- Mixed Residential
- Mixed Agricultural
- Mixed Commercial
- Mixed Industrial
- Open Land
- Forested Land
- Public/Semi-Public







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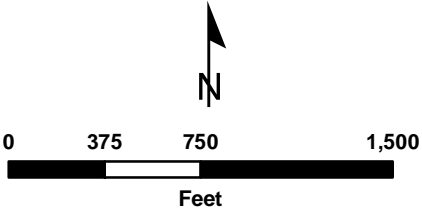
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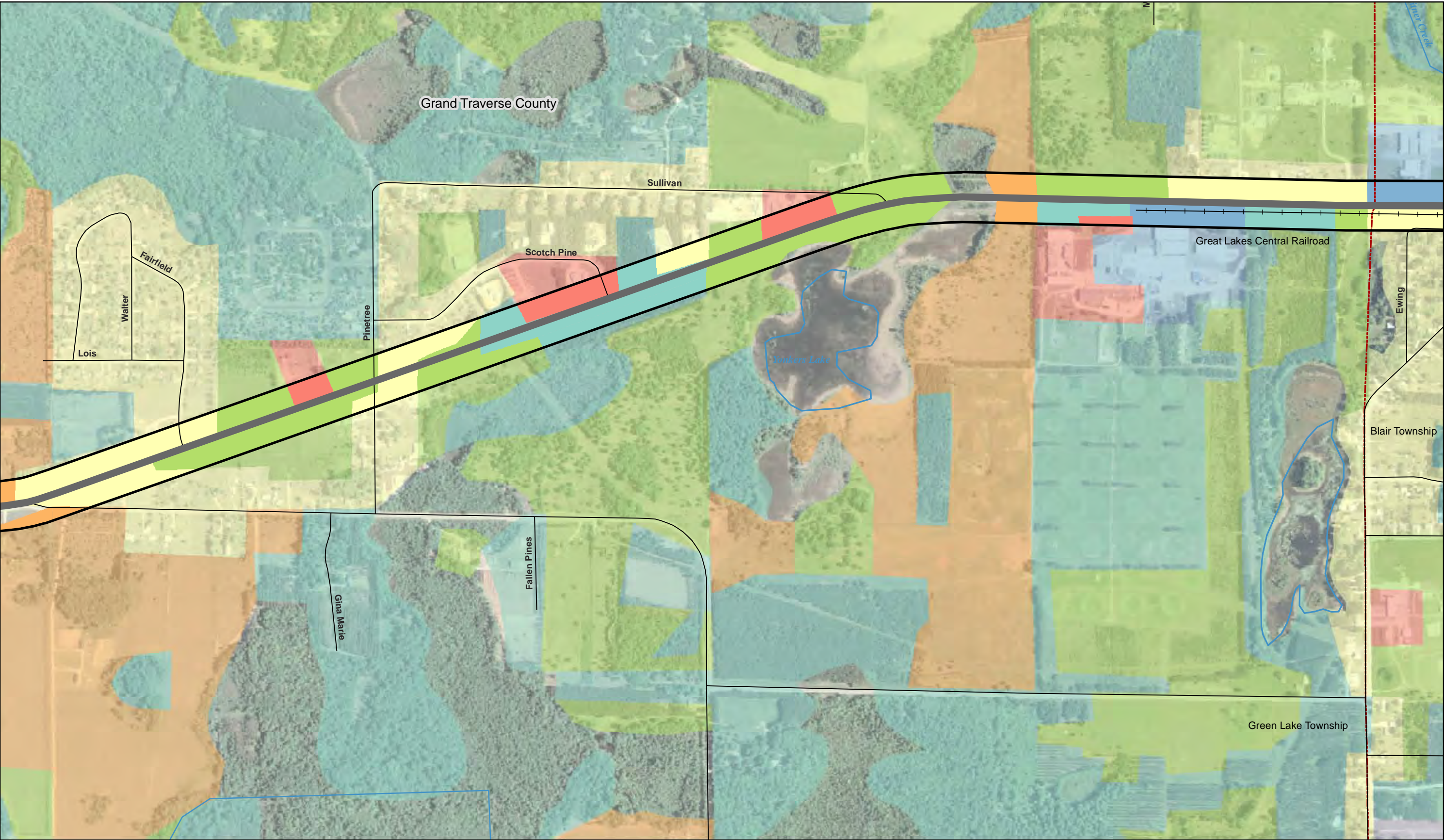
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**Rivers/Streams**

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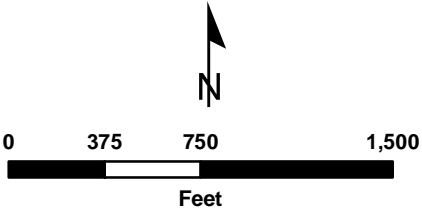
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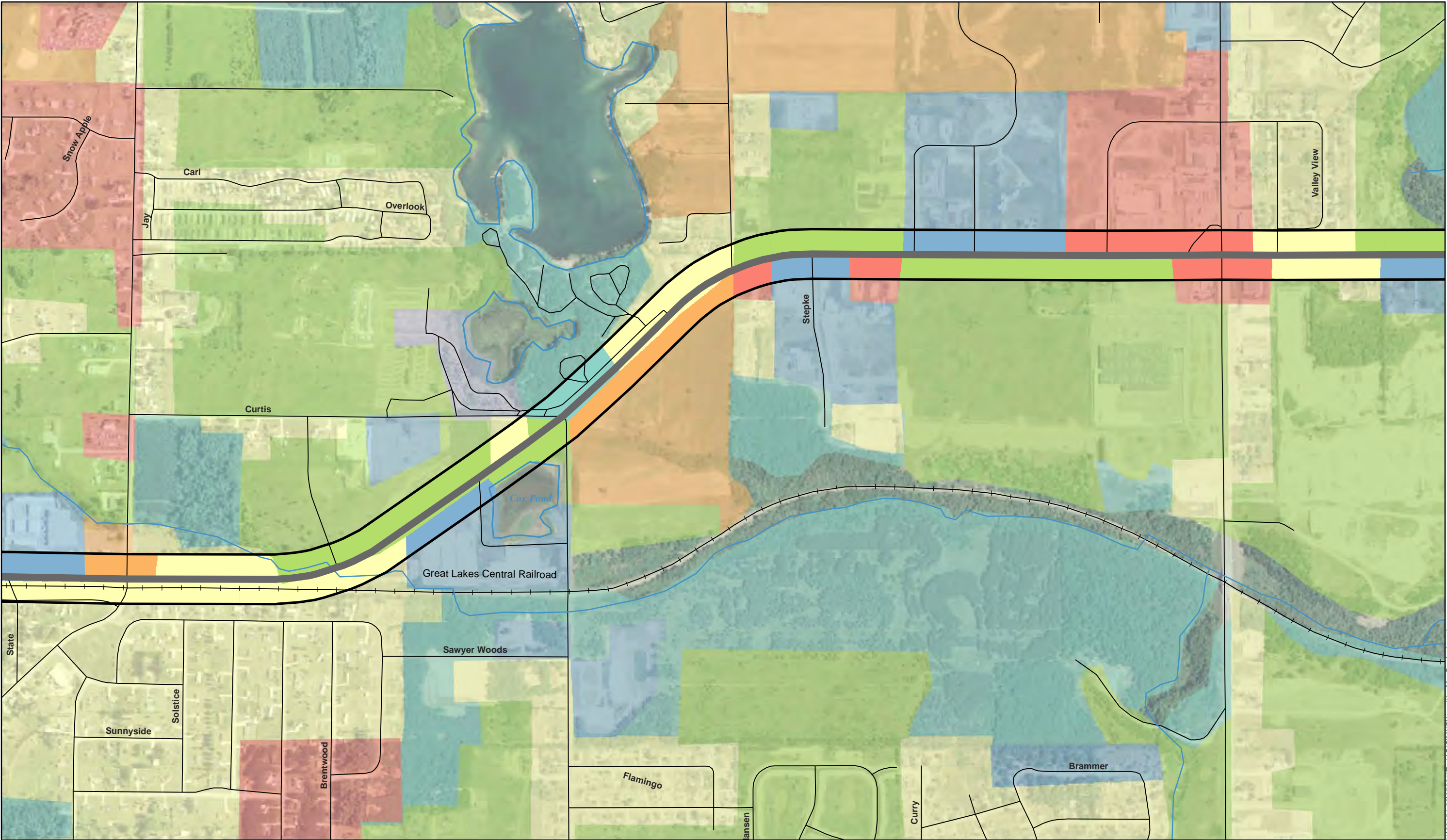
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**LEGEND**

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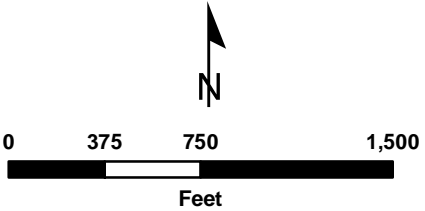
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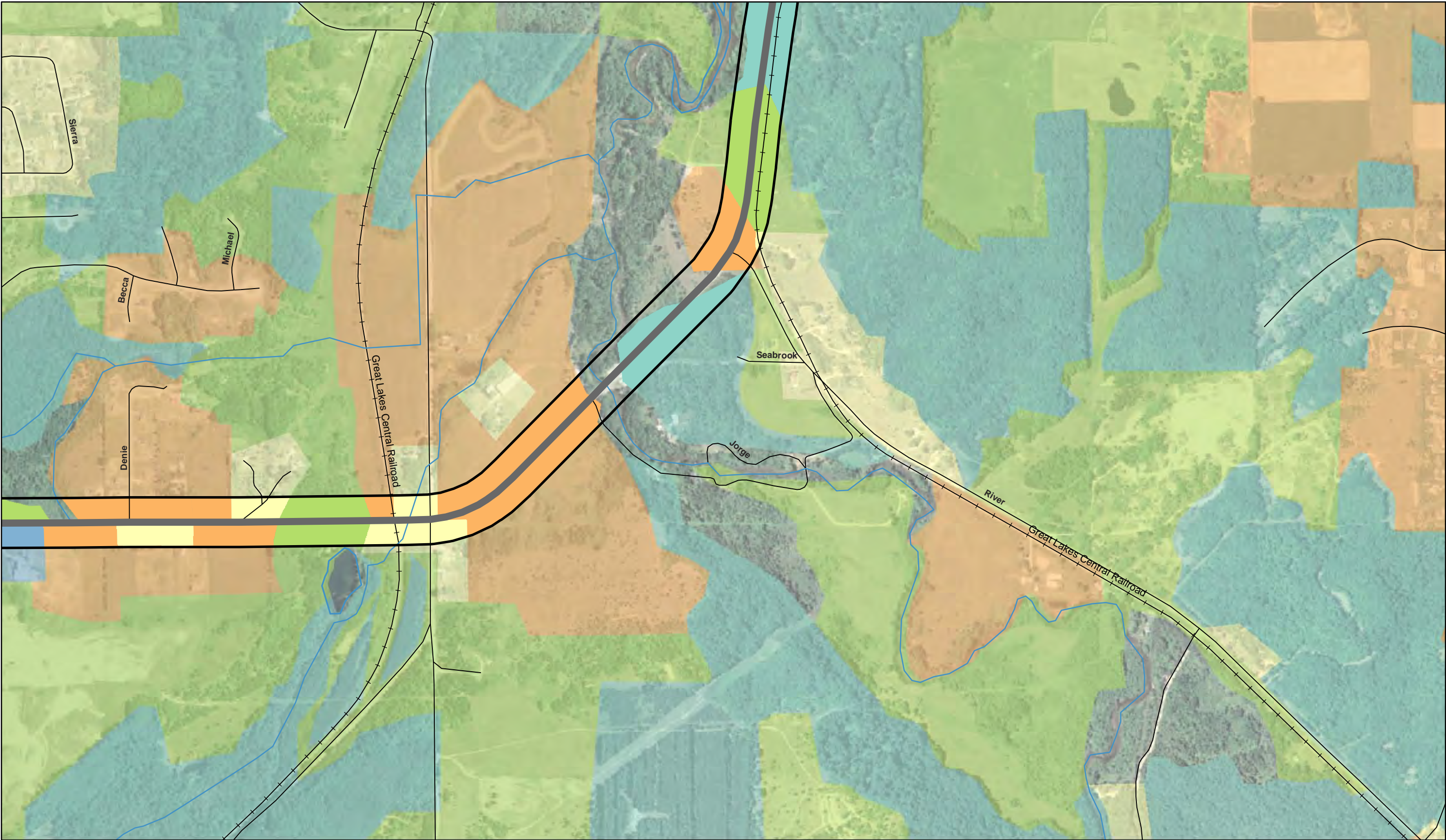
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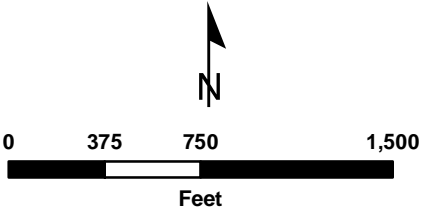
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**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Water Bodies
- Rivers/Streams
- Railroad
- Roads

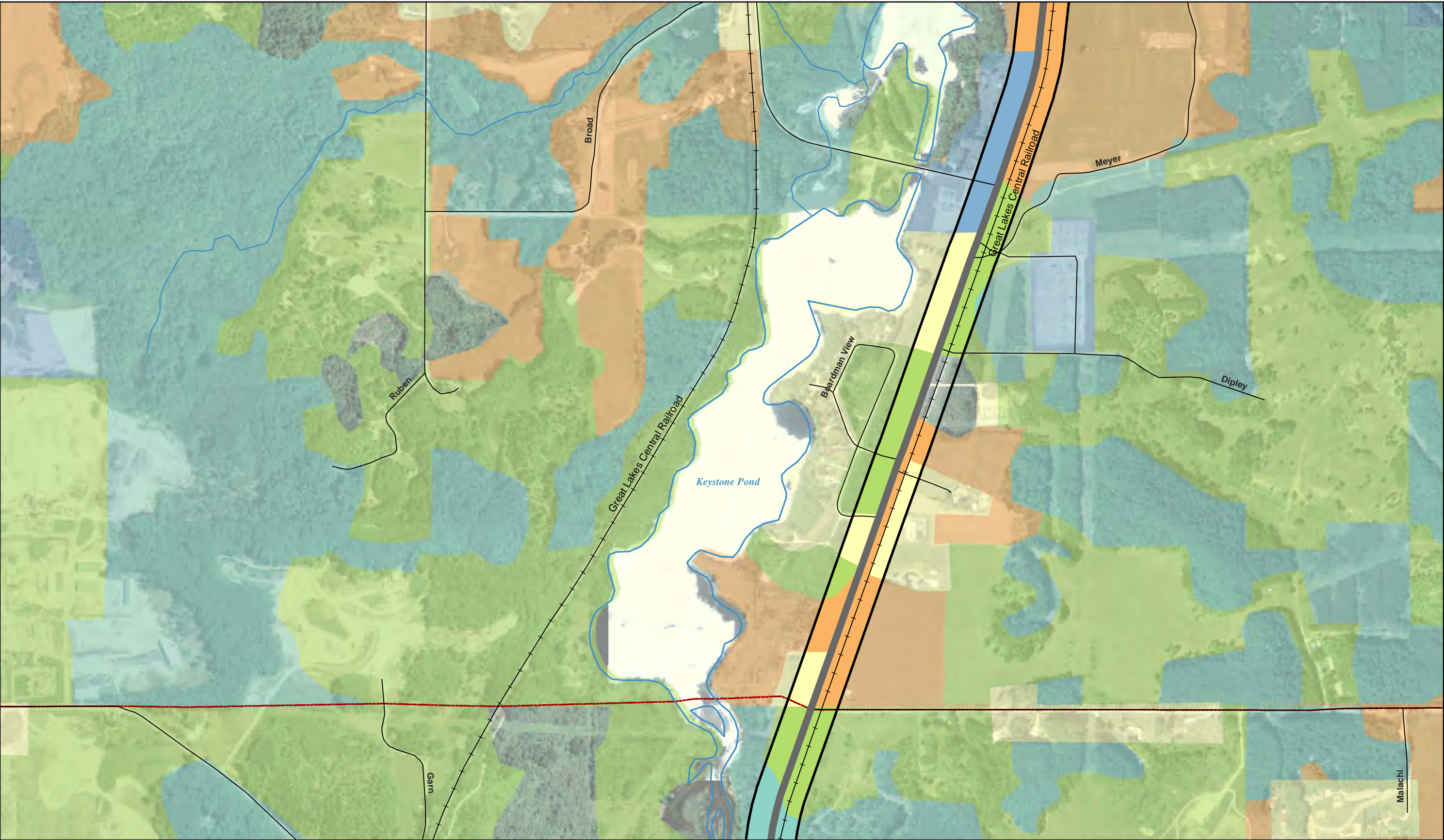
**LAND USE**

- Mixed Residential
- Mixed Agricultural
- Mixed Commercial
- Mixed Industrial
- Open Land
- Forested Land
- Public/Semi-Public



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Sheet 6 of 8

Data Sources:  
Land Cover - MDNR, Forest, Mineral and Fire Management Division  
Land Use - Grand Traverse County  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server \_http://gdw.apfo.usda.gov

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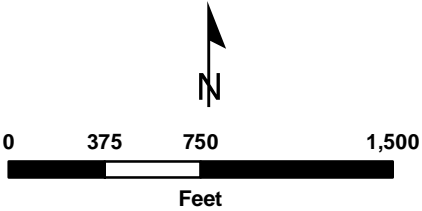
**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Water Bodies

- Rivers/Streams
- Railroad
- Roads

**LAND USE**

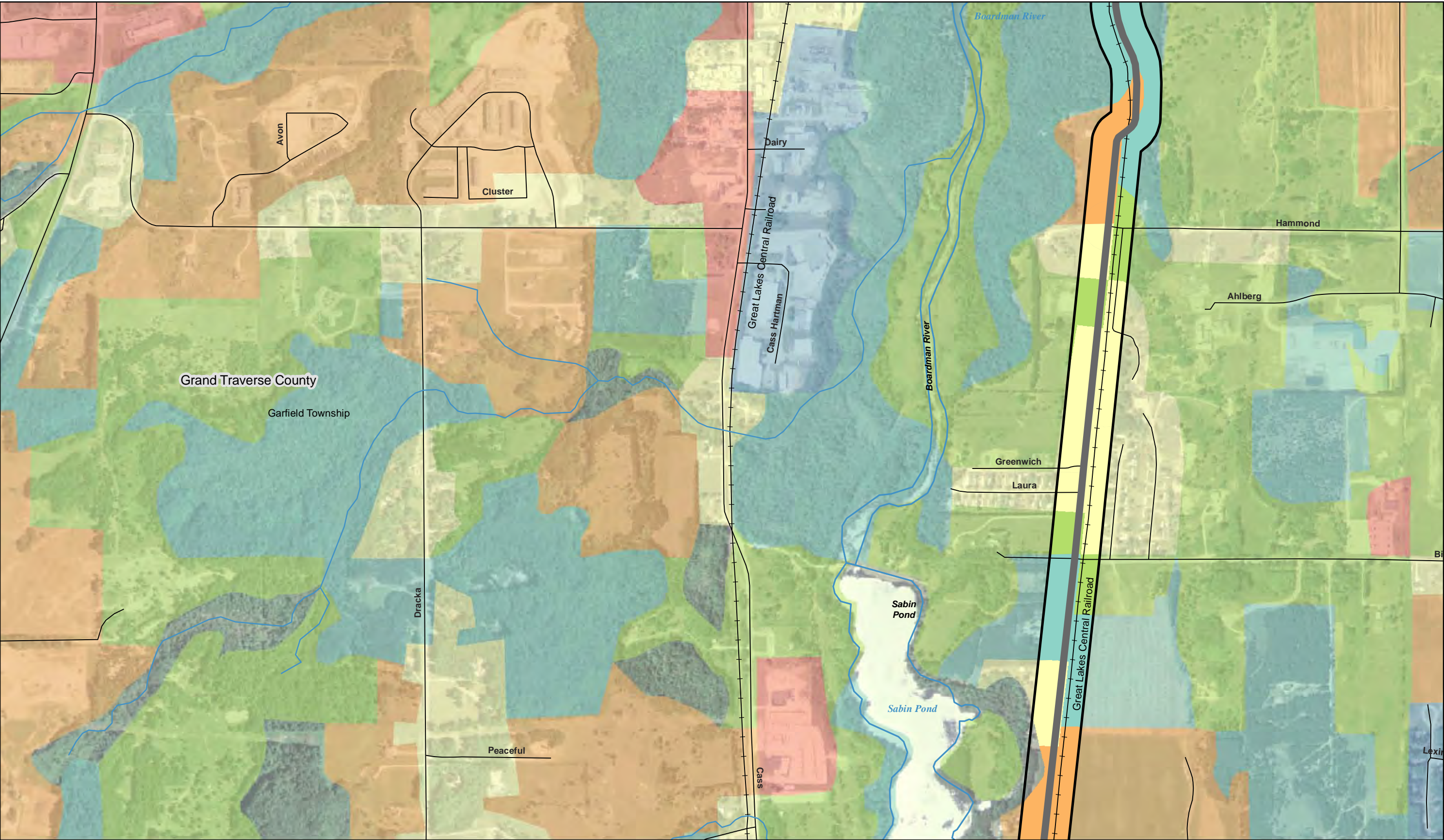
- Mixed Residential
- Mixed Agricultural
- Mixed Commercial
- Mixed Industrial
- Open Land
- Forested Land
- Public/Semi-Public



**Corridors of Significance Environment Reports**  
**Corridor 4 - W US-31**







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Data Sources:  
Land Cover - MDNR, Forest, Mineral and Fire Management Division  
Land Use - Grand Traverse County  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server \_http://gdw.apfo.usda.gov

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**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Water Bodies

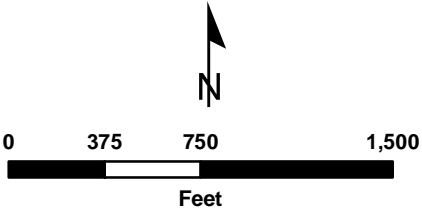
**LAND USE**

- Mixed Residential
- Mixed Agricultural
- Mixed Commercial
- Mixed Industrial
- Open Land
- Forested Land
- Public/Semi-Public

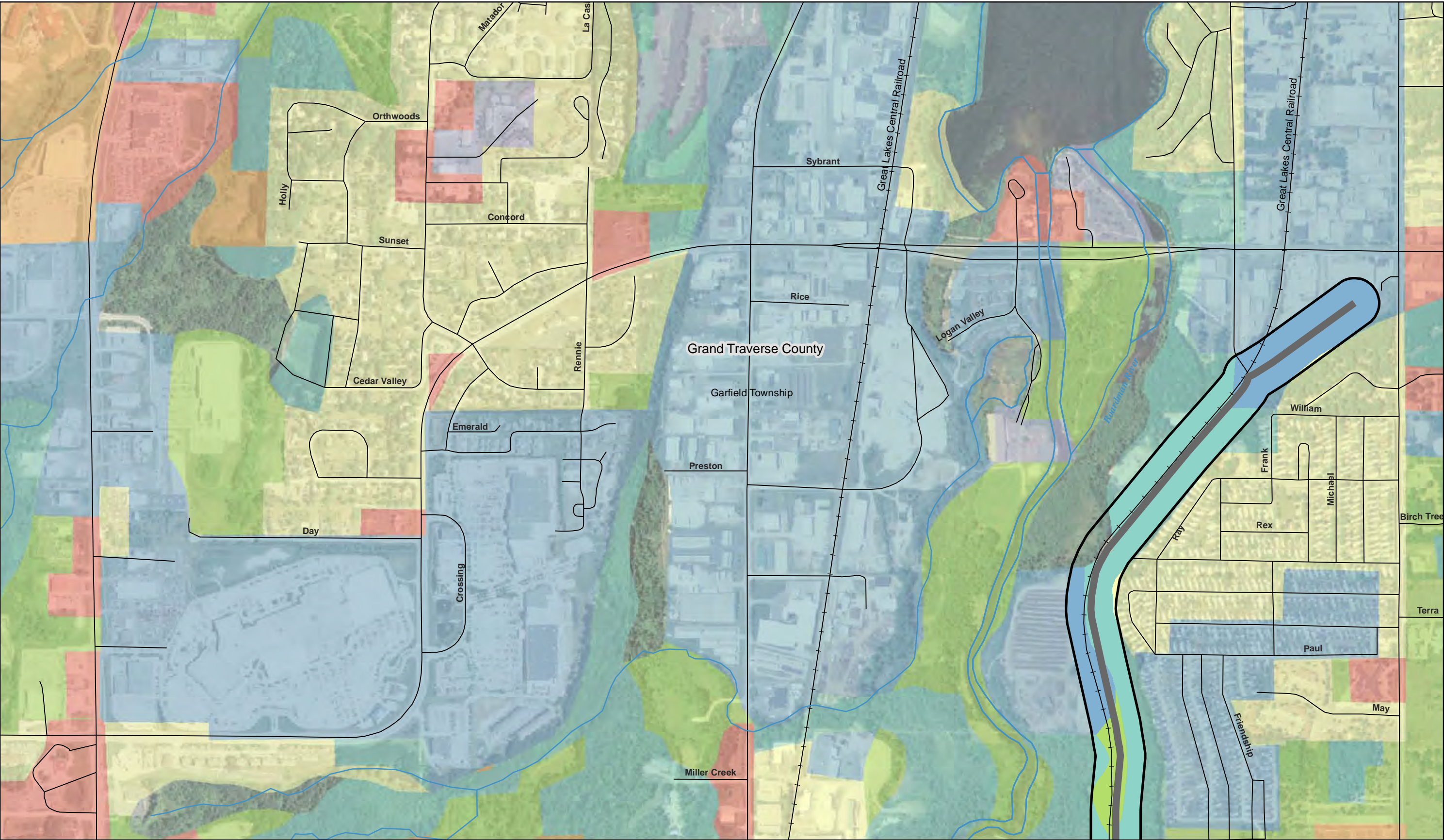
**Rivers/Streams**

**Railroad**

**Roads**







Data Sources:  
Land Cover - MDNR, Forest, Mineral and Fire Management Division  
Land Use - Grand Traverse County  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server <http://gdw.apfo.usda.gov>

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**LEGEND**

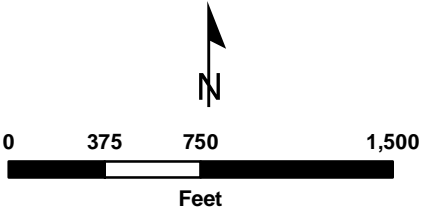
- Corridor
- Corridor Buffer
- Municipal Boundary
- Water Bodies

**LAND USE**

- Mixed Residential
- Mixed Agricultural
- Mixed Commercial
- Mixed Industrial
- Open Land
- Forested Land
- Public/Semi-Public

**Infrastructure**

- Rivers/Streams
- Railroad
- Roads



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### Corridor 5 – Garfield Road

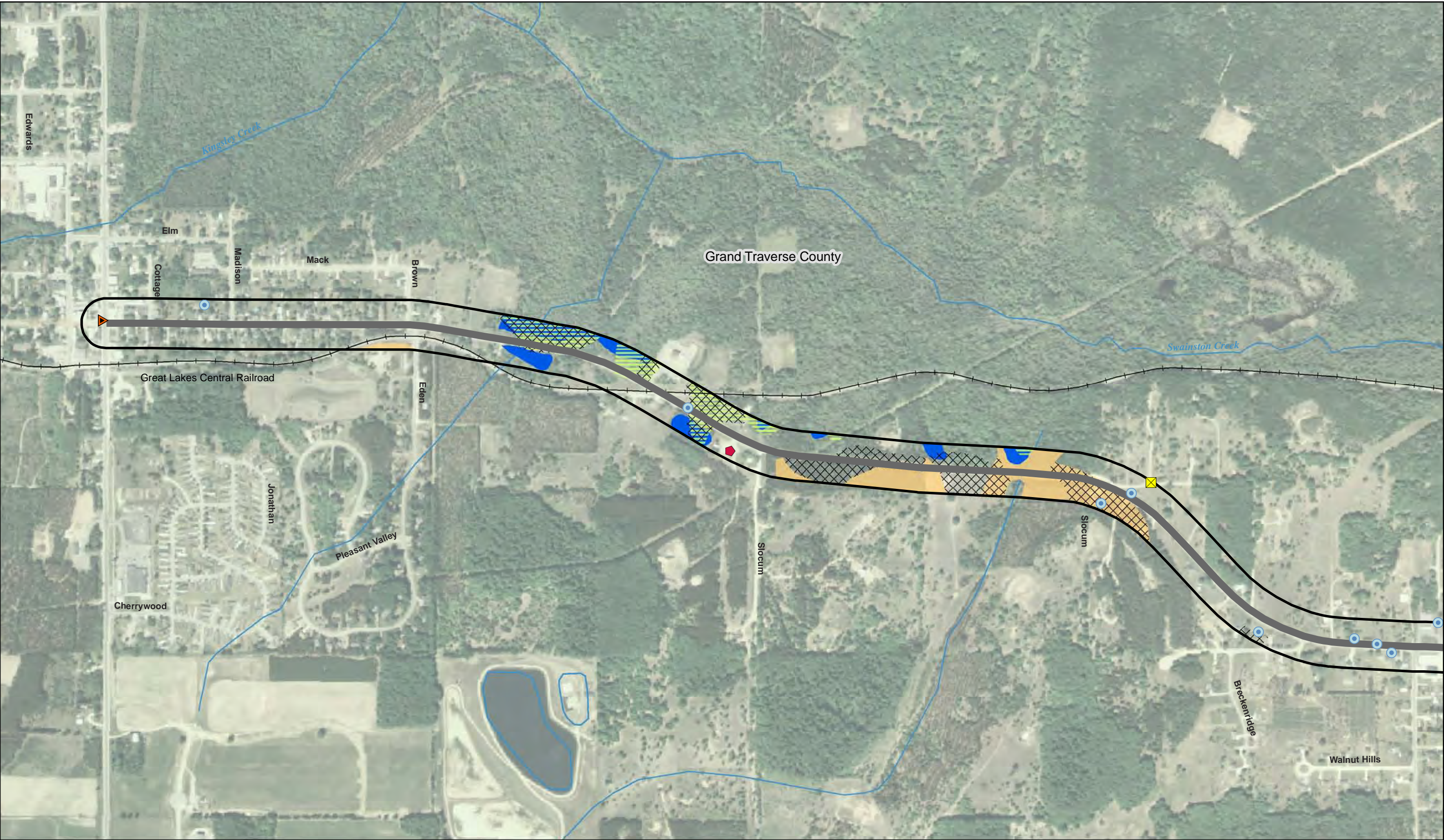
The Garfield Road corridor is located in Grand Traverse County in the townships of Paradise, East Bay, Blair, and Garfield. The roadway is considered a major connector between Traverse City, the City of Cadillac, and other surrounding towns and villages. The corridor is approximately 14.3 miles long; it begins at M-113 in Kingsley and continues north to US-31. From M-113 to Birmley Road, Garfield Road has two lanes with posted speeds of 55 miles per hour and has a functional classification of Major Collector. From Birmley Road to US-31, it has five lanes with posted speeds of 35 miles per hour to 45 miles per hour. It is made of asphalt and major intersections include M-113, Birmley Road, Hammond Road, South Airport Road, 8<sup>th</sup> Street, and US-31/M-72/Front Street. It has an average daily traffic (ADT) count of 21,283 cars per day, though this count varies along the length of the corridor. The total land area within the buffer is approximately 706 acres.

The table below summarizes the presence of environmental resources in the Garfield Road corridor. Specific geographic information is shown on the maps on the following pages.

**Table 3.5 Garfield Road Physical Environmental Resource Summary**

Resource Category	Resource Summary
Commercial / navigational rivers or streams	no
Landmarks	yes, eight identified
Threatened or endangered species	yes
Wetlands	yes, 62.2 acres identified
Flood prone areas	yes, 68.65 acres identified
Coastal resources	yes, one area identified
Wild and scenic rivers / natural rivers	yes, two identified: Boardman River and East Creek
Prime and unique farmland soils	yes, about 170.63 acres identified
Hazardous materials	yes, 18 locations identified





Data Sources:  
Basemap - Michigan Geographic Data Library  
Farmland and Slope - SSURGO, from Michigan Geographic Data Library  
Wetlands - National Wetland Inventory, from Michigan Geographic Data Library  
Flood Prone Areas - Northwest MI Council of Governments  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server <http://gdw.apfo.usda.gov>

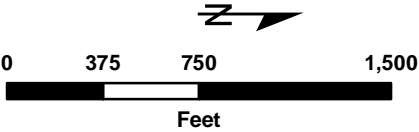
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**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Railroad
- Drinking Water Wells
- HazMat
- Landmarks
- Oil & Gas

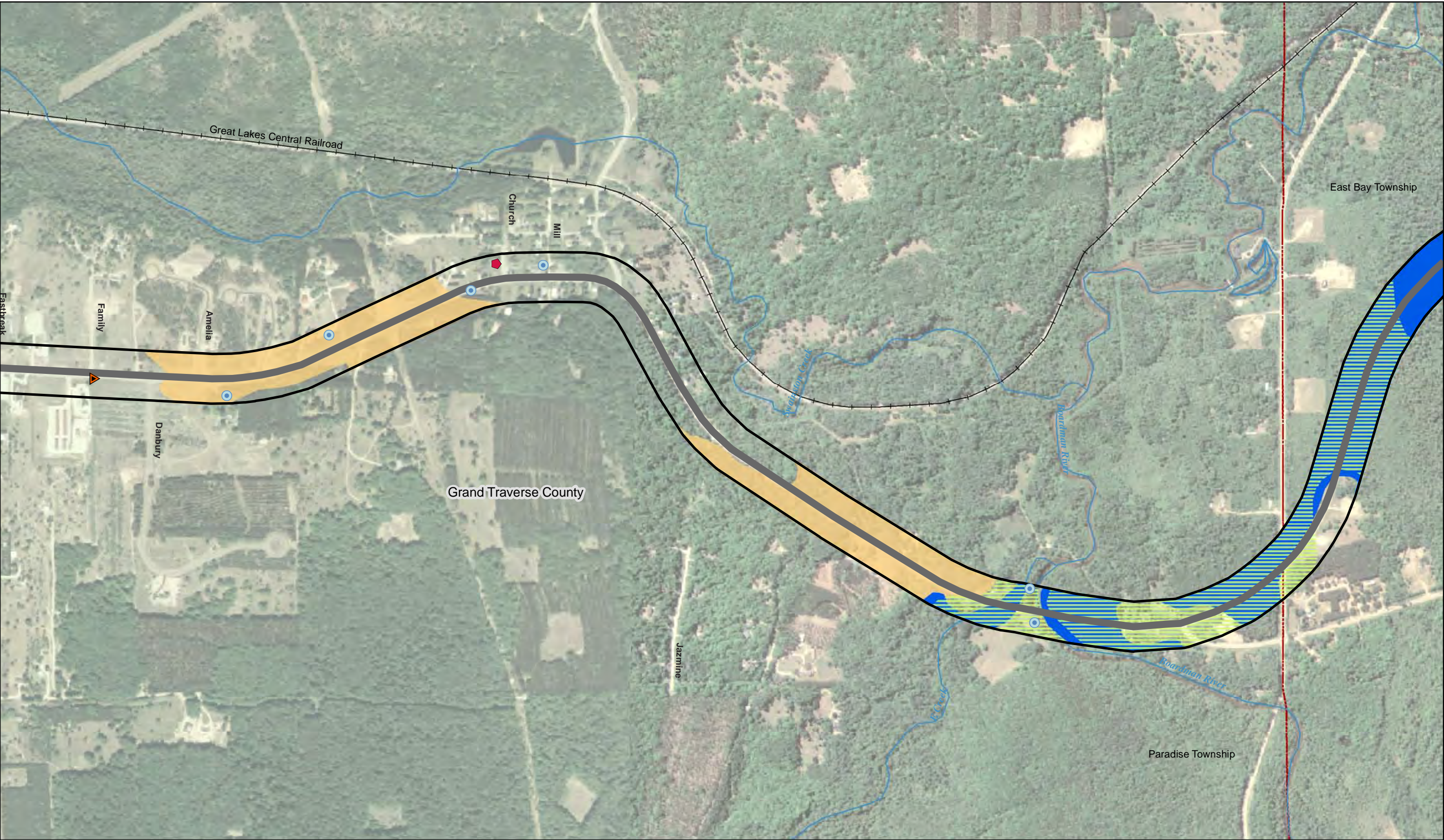
**CONSTRAINTS**

- Prime and Unique Farmland Soils
- Flood Prone Areas
- Wetlands
- Steep > 6%



X:\20164-0007001\Tech\GIS\MXD\Environmental\MapBook\_5.mxd





Data Sources:  
Basemap - Michigan Geographic Data Library  
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Wetlands - National Wetland Inventory, from Michigan Geographic Data Library  
Flood Prone Areas - Northwest MI Council of Governments  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server <http://gdw.apfo.usda.gov>

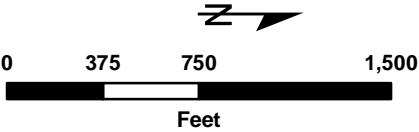
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**LEGEND**

- |                    |                      |
|--------------------|----------------------|
| Corridor           | Drinking Water Wells |
| Corridor Buffer    | HazMat               |
| Municipal Boundary | Landmarks            |
| Railroad           | Oil & Gas            |

**CONSTRAINTS**

- |                                 |
|---------------------------------|
| Prime and Unique Farmland Soils |
| Flood Prone Areas               |
| Wetlands                        |
| Steep > 6%                      |



**Corridors of Significance Environment Reports**  
**Corridor 5 - Garfield Road**





Data Sources:  
Basemap - Michigan Geographic Data Library  
Farmland and Slope - SSURGO, from Michigan Geographic Data Library  
Wetlands - National Wetland Inventory, from Michigan Geographic Data Library  
Flood Prone Areas - Northwest MI Council of Governments  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server <http://gdw.apfo.usda.gov>

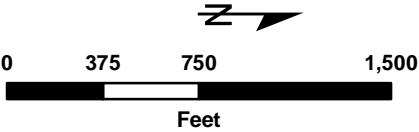
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**LEGEND**

- |                    |                      |
|--------------------|----------------------|
| Corridor           | Drinking Water Wells |
| Corridor Buffer    | HazMat               |
| Municipal Boundary | Landmarks            |
| Railroad           | Oil & Gas            |

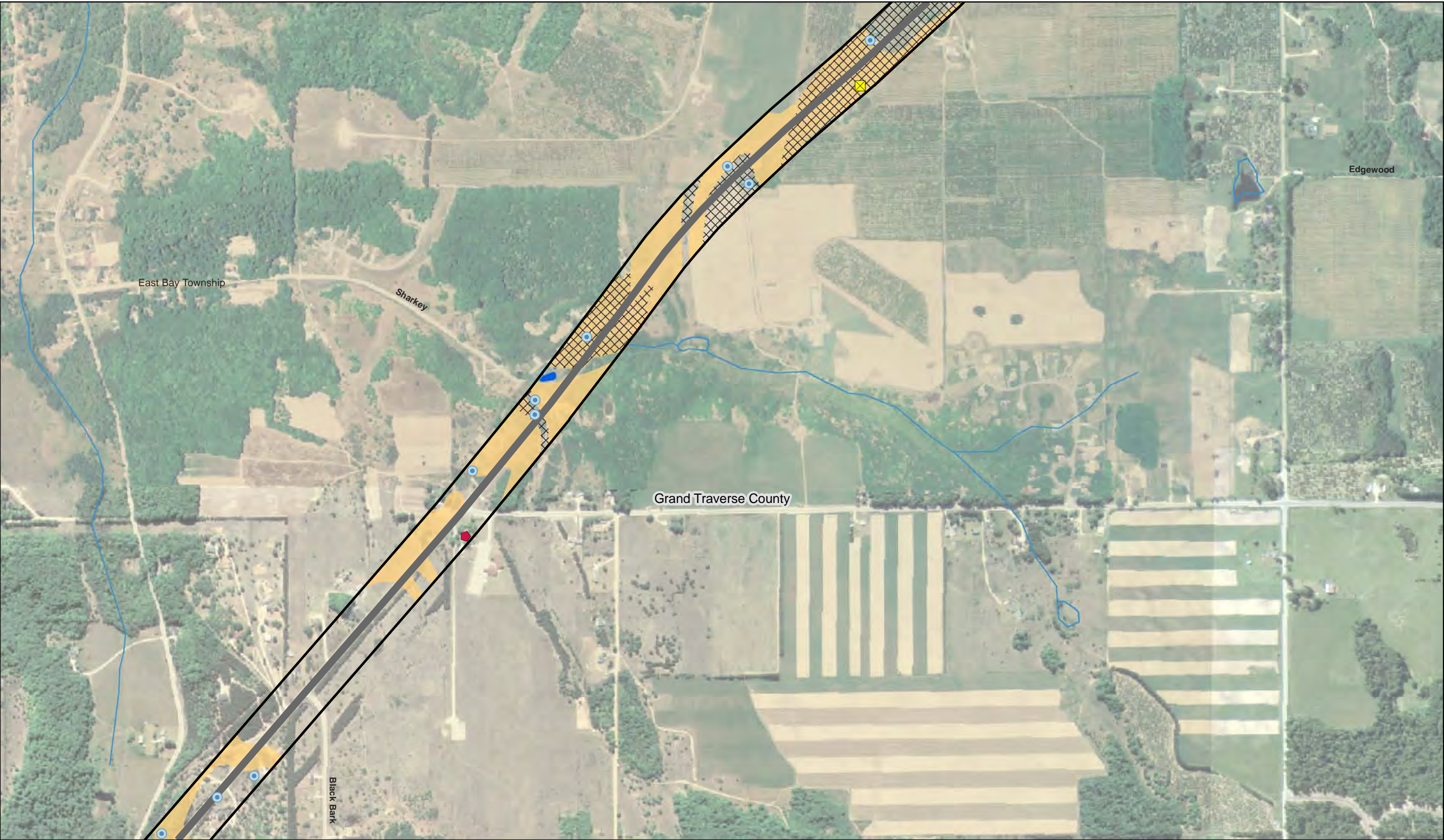
**CONSTRAINTS**

- |                                 |
|---------------------------------|
| Prime and Unique Farmland Soils |
| Flood Prone Areas               |
| Wetlands                        |
| Steep > 6%                      |



**Corridors of Significance Environment Reports**  
**Corridor 5 - Garfield Road**





Data Sources:  
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Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server <http://gdw.apfo.usda.gov>

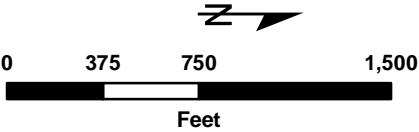
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**LEGEND**

- |                    |                      |
|--------------------|----------------------|
| Corridor           | Drinking Water Wells |
| Corridor Buffer    | HazMat               |
| Municipal Boundary | Landmarks            |
| Railroad           | Oil & Gas            |

**CONSTRAINTS**

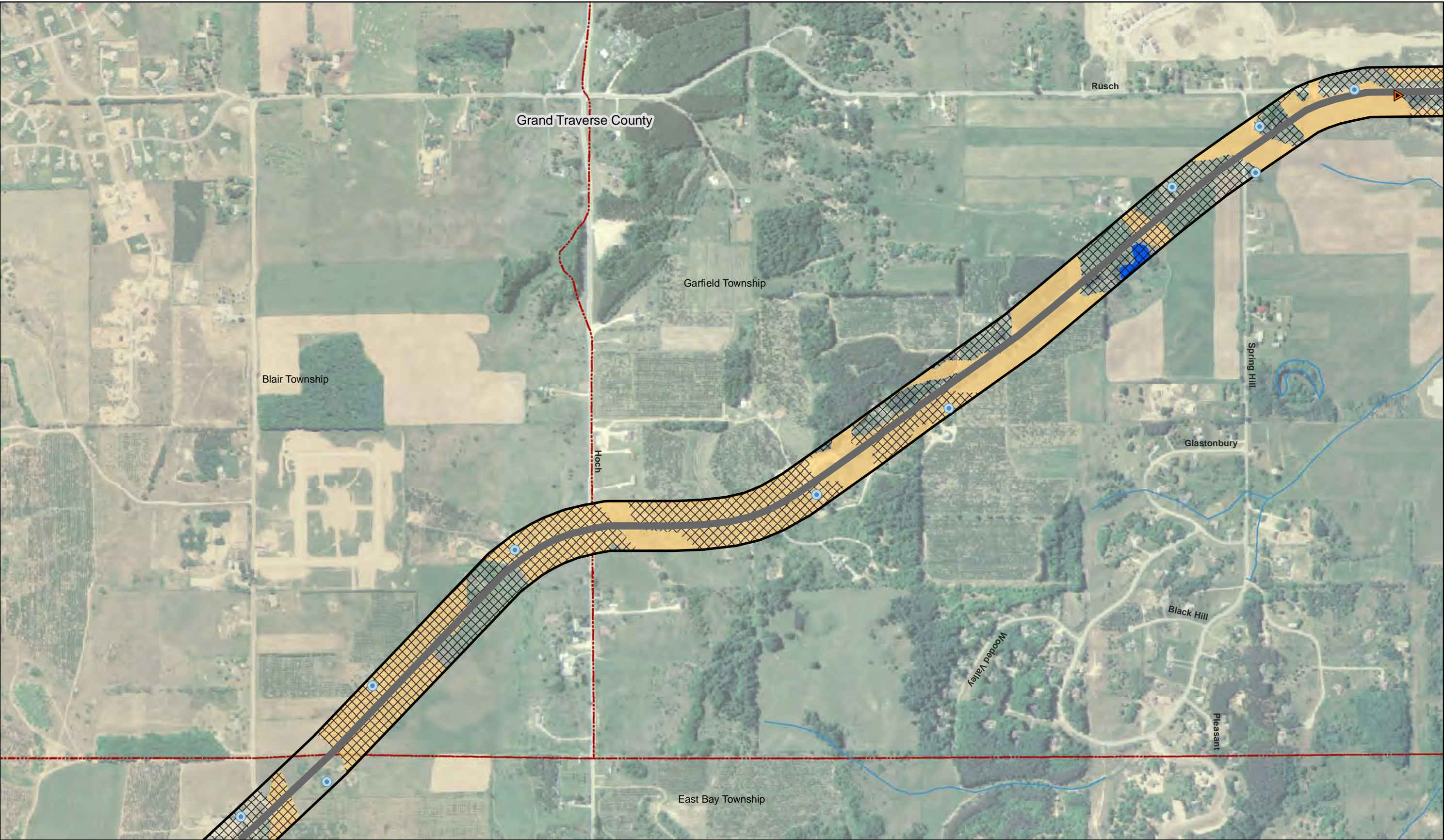
- |                                 |
|---------------------------------|
| Prime and Unique Farmland Soils |
| Flood Prone Areas               |
| Wetlands                        |
| Steep > 6%                      |



**Corridors of Significance Environment Reports**  
**Corridor 5 - Garfield Road**







Data Sources:  
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Wetlands - National Wetland Inventory, from Michigan Geographic Data Library  
Flood Prone Areas - Northwest MI Council of Governments  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server <http://gdw.apfo.usda.gov>

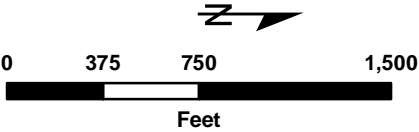
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**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Railroad
- Drinking Water Wells
- HazMat
- Landmarks
- Oil & Gas

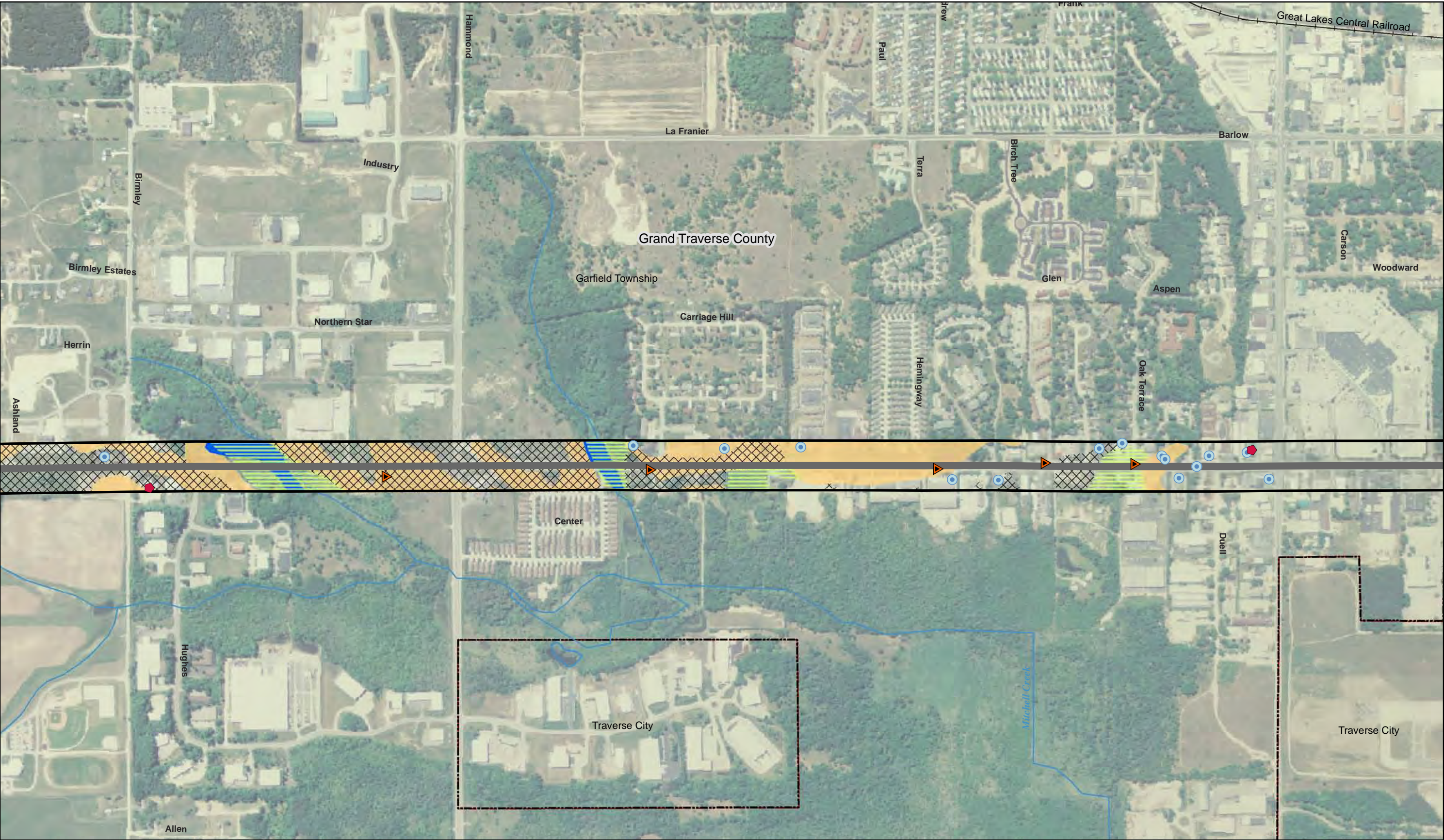
**CONSTRAINTS**

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- Flood Prone Areas
- Wetlands
- Steep > 6%



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Flood Prone Areas - Northwest MI Council of Governments  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server <http://gdw.apfo.usda.gov>

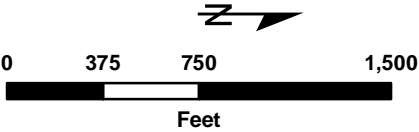
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**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Railroad
- Drinking Water Wells
- HazMat
- Landmarks
- Oil & Gas

**CONSTRAINTS**

- Prime and Unique Farmland Soils
- Flood Prone Areas
- Wetlands
- Steep > 6%

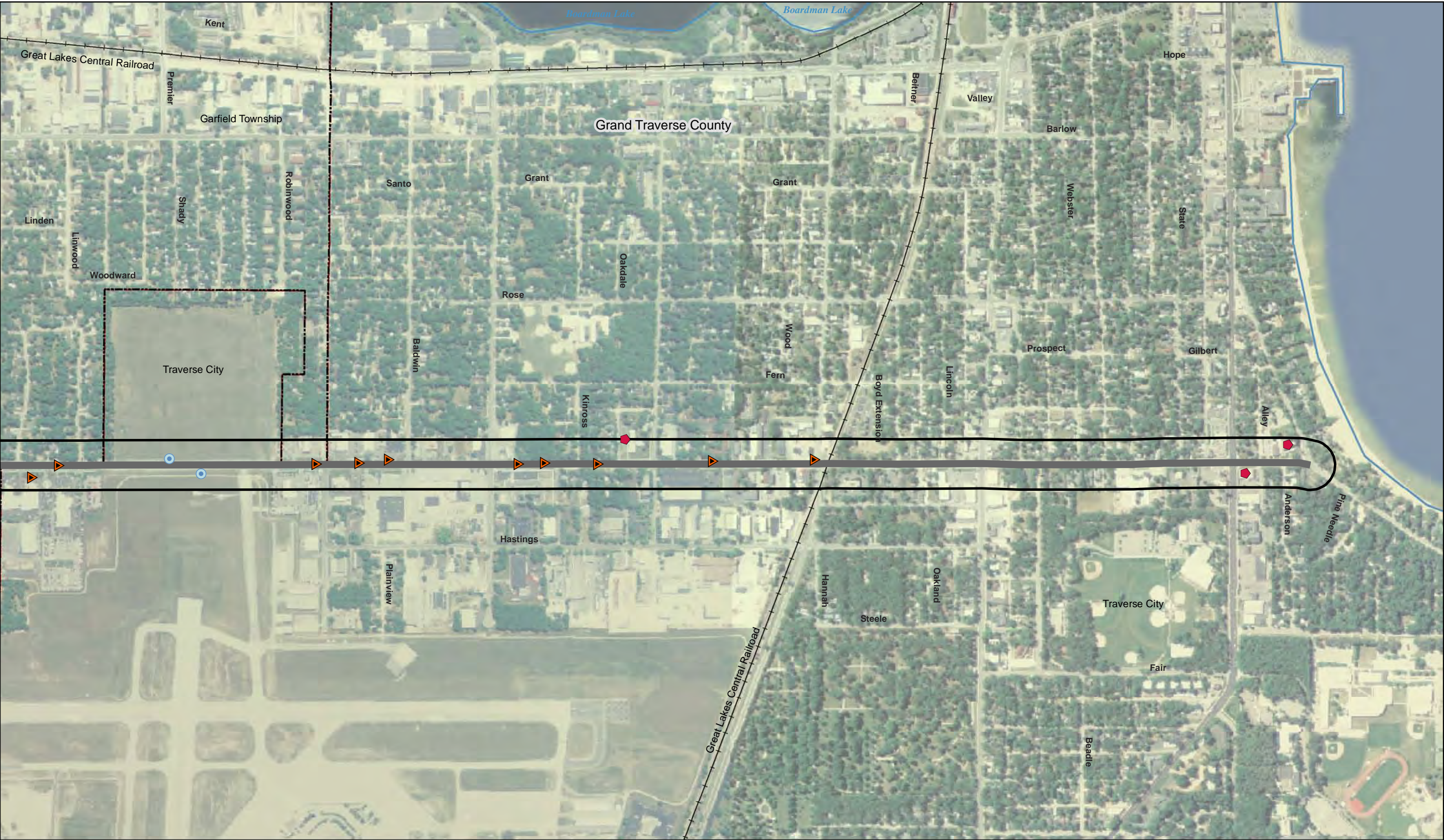


Corridors of Significance Environment Reports  
Corridor 5 - Garfield Road



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Wetlands - National Wetland Inventory, from Michigan Geographic Data Library  
Flood Prone Areas - Northwest MI Council of Governments  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server \_http://gdw.apfo.usda.gov

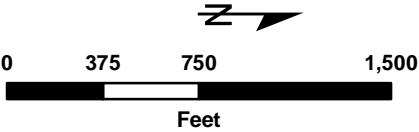
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**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Railroad
- Drinking Water Wells
- HazMat
- Landmarks
- Oil & Gas

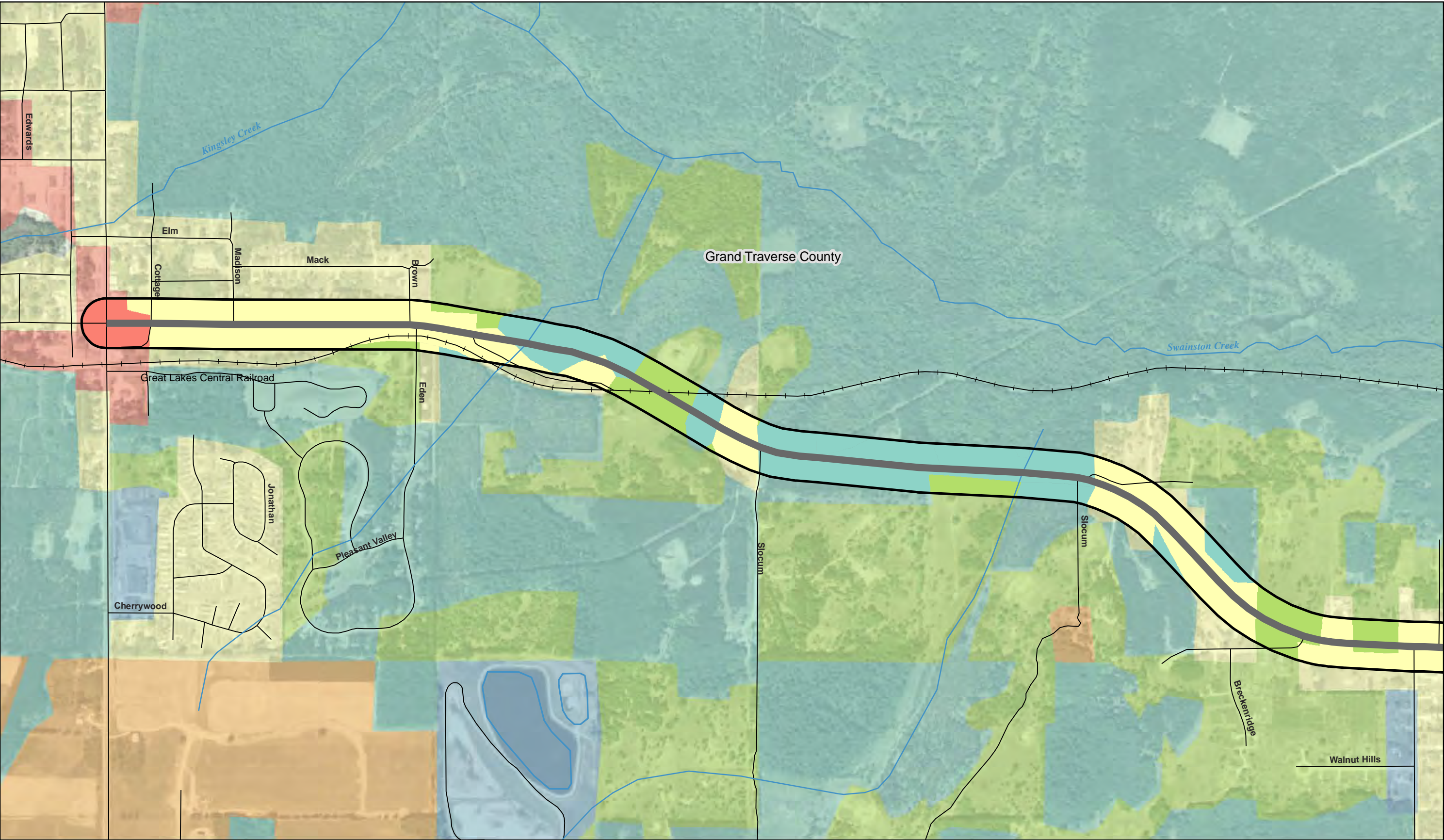
**CONSTRAINTS**

- Prime and Unique Farmland Soils
- Flood Prone Areas
- Wetlands
- Steep > 6%



**Corridors of Significance Environment Reports**  
**Corridor 5 - Garfield Road**





X:\20164-0007001\Tech\GIS\MXD\LandUseMapBook\_5.mxd

Sheet 1 of 7

Data Sources:  
Land Cover - MDNR, Forest, Mineral and Fire Management Division  
Land Use - Grand Traverse County  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server \_http://gdw.apfo.usda.gov

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**LEGEND**

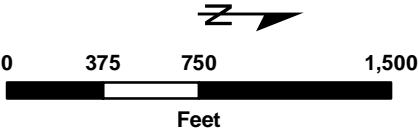
- Corridor
- Corridor Buffer
- Municipal Boundary
- Water Bodies

**LAND USE**

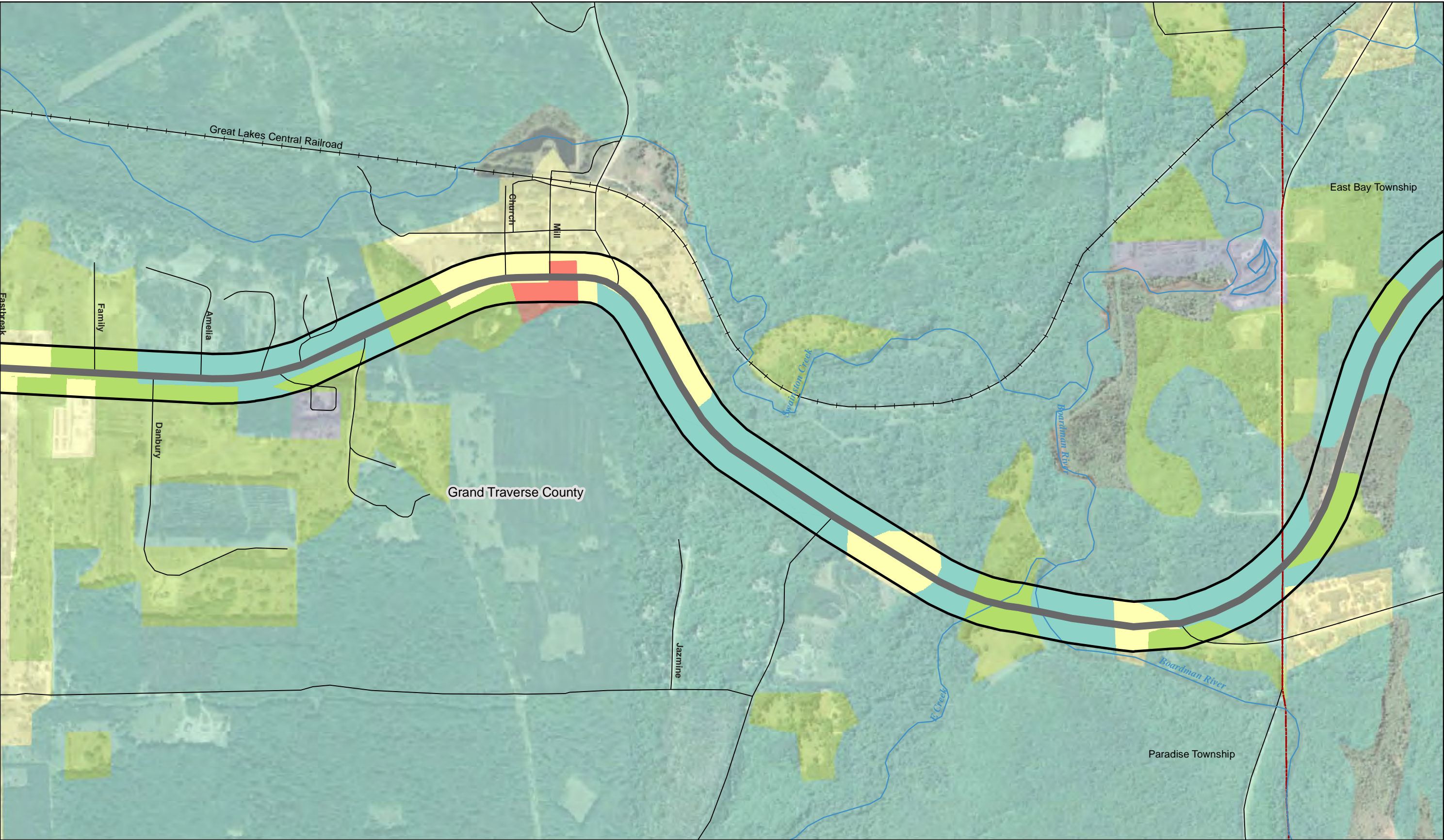
- Mixed Residential
- Mixed Agricultural
- Mixed Commercial
- Mixed Industrial
- Open Land
- Forested Land
- Public/Semi-Public

**Rivers/Streams**

- Rivers/Streams
- Railroad
- Roads







X:\20164-0007001\Tech\GIS\MXD\LandUse\MapBook\_5.mxd

Sheet 2 of 7

Data Sources:  
Land Cover - MDNR, Forest, Mineral and Fire Management Division  
Land Use - Grand Traverse County  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server \_http://gdw.apfo.usda.gov

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**LEGEND**

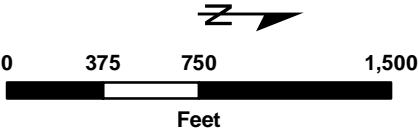
- Corridor
- Corridor Buffer
- Municipal Boundary
- Water Bodies

**LAND USE**

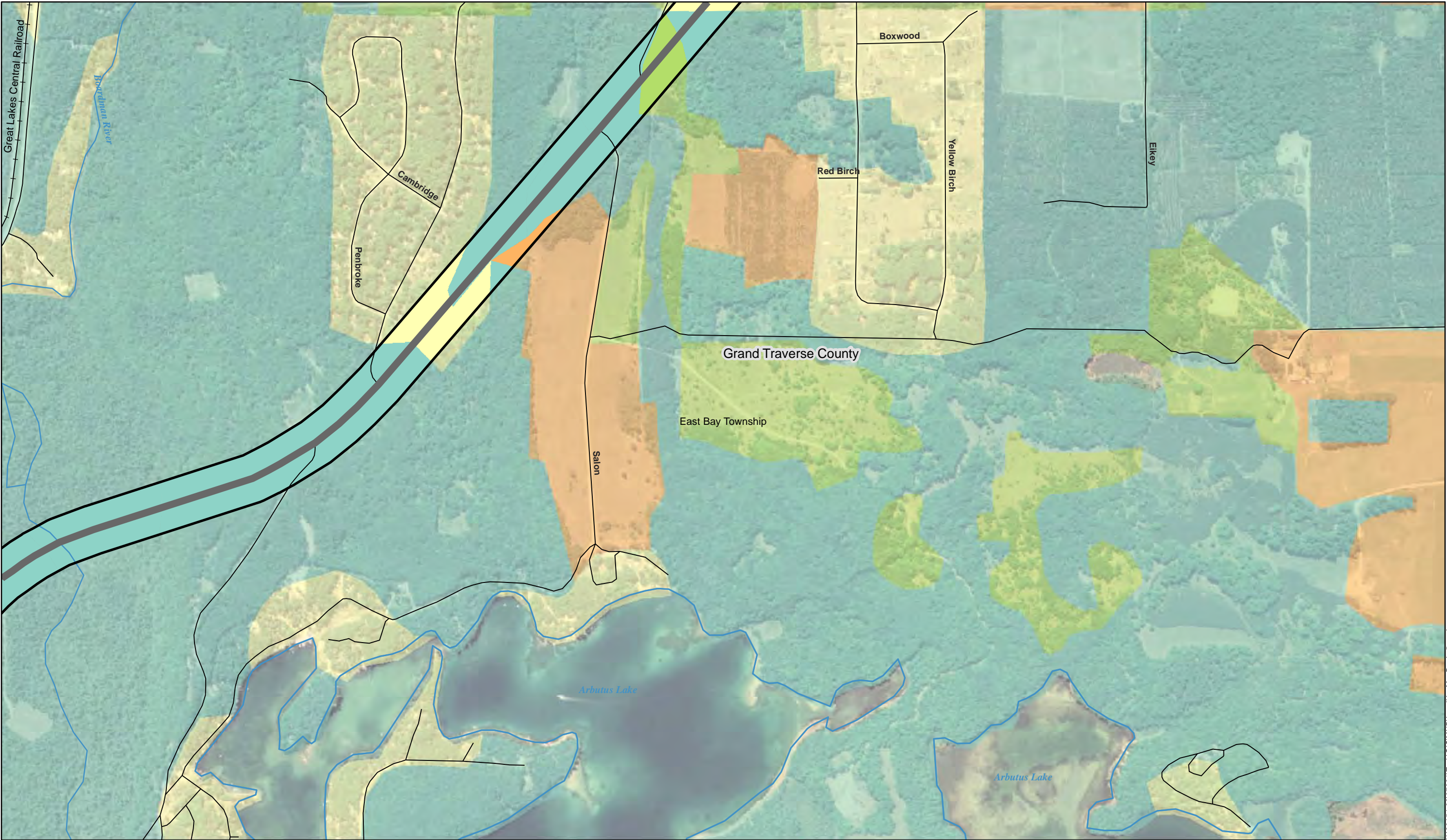
- Mixed Residential
- Mixed Agricultural
- Mixed Commercial
- Mixed Industrial
- Open Land
- Forested Land
- Public/Semi-Public

**Other Features**

- Rivers/Streams
- Railroad
- Roads







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Data Sources:  
Land Cover - MDNR, Forest, Mineral and Fire Management Division  
Land Use - Grand Traverse County  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server \_http://gdw.apfo.usda.gov

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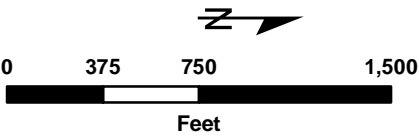
**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Water Bodies

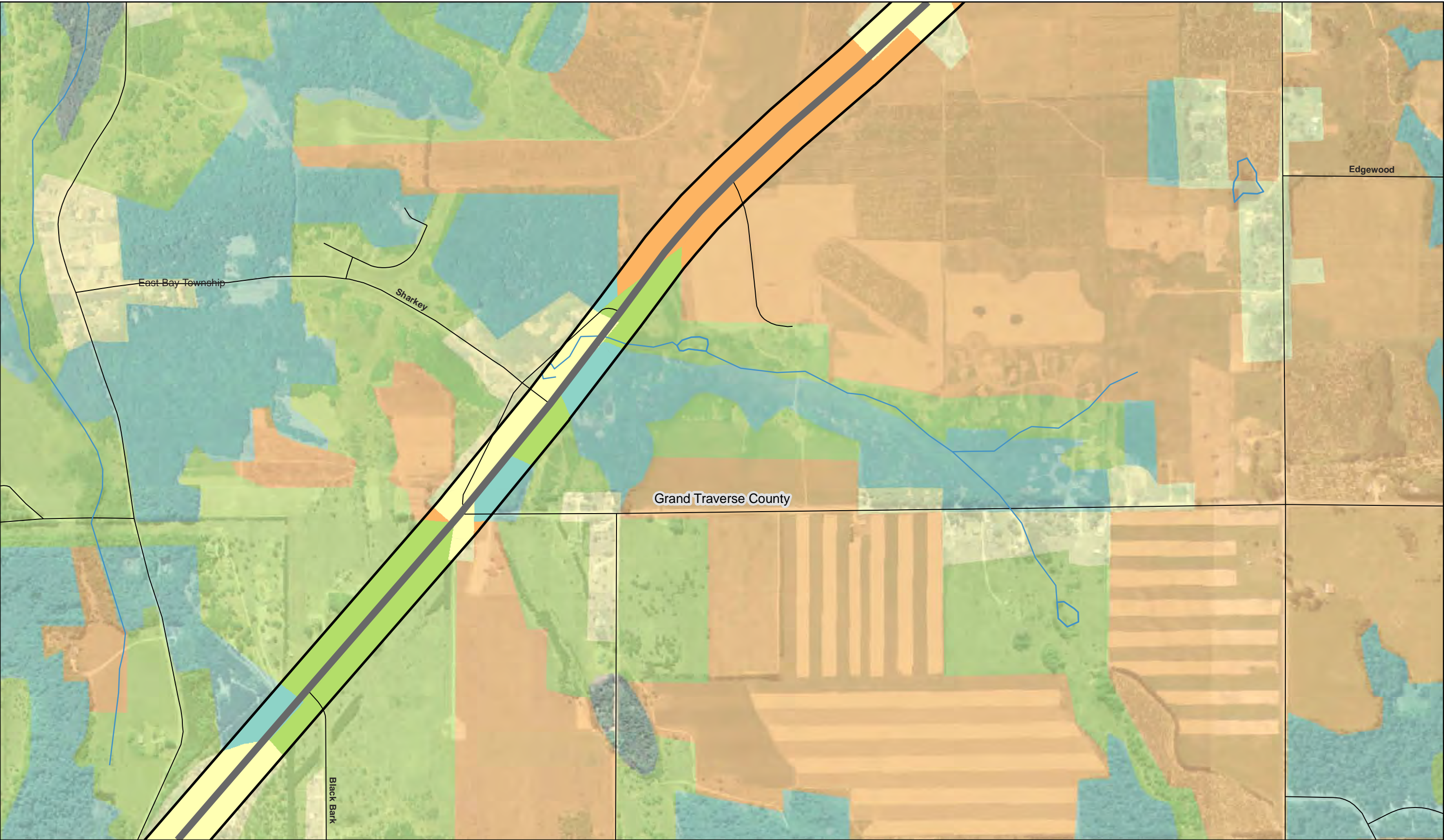
- Rivers/Streams
- Railroad
- Roads

**LAND USE**

- Mixed Residential
- Mixed Agricultural
- Mixed Commercial
- Mixed Industrial
- Open Land
- Forested Land
- Public/Semi-Public







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Sheet 4 of 7

Data Sources:  
Land Cover - MDNR, Forest, Mineral and Fire Management Division  
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**LEGEND**

Corridor

Corridor Buffer

Municipal Boundary

Water Bodies

Rivers/Streams

Railroad

Roads

**LAND USE**

Mixed Residential

Mixed Agricultural

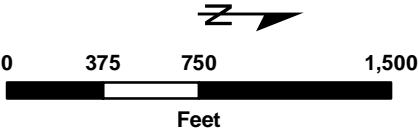
Mixed Commercial

Mixed Industrial

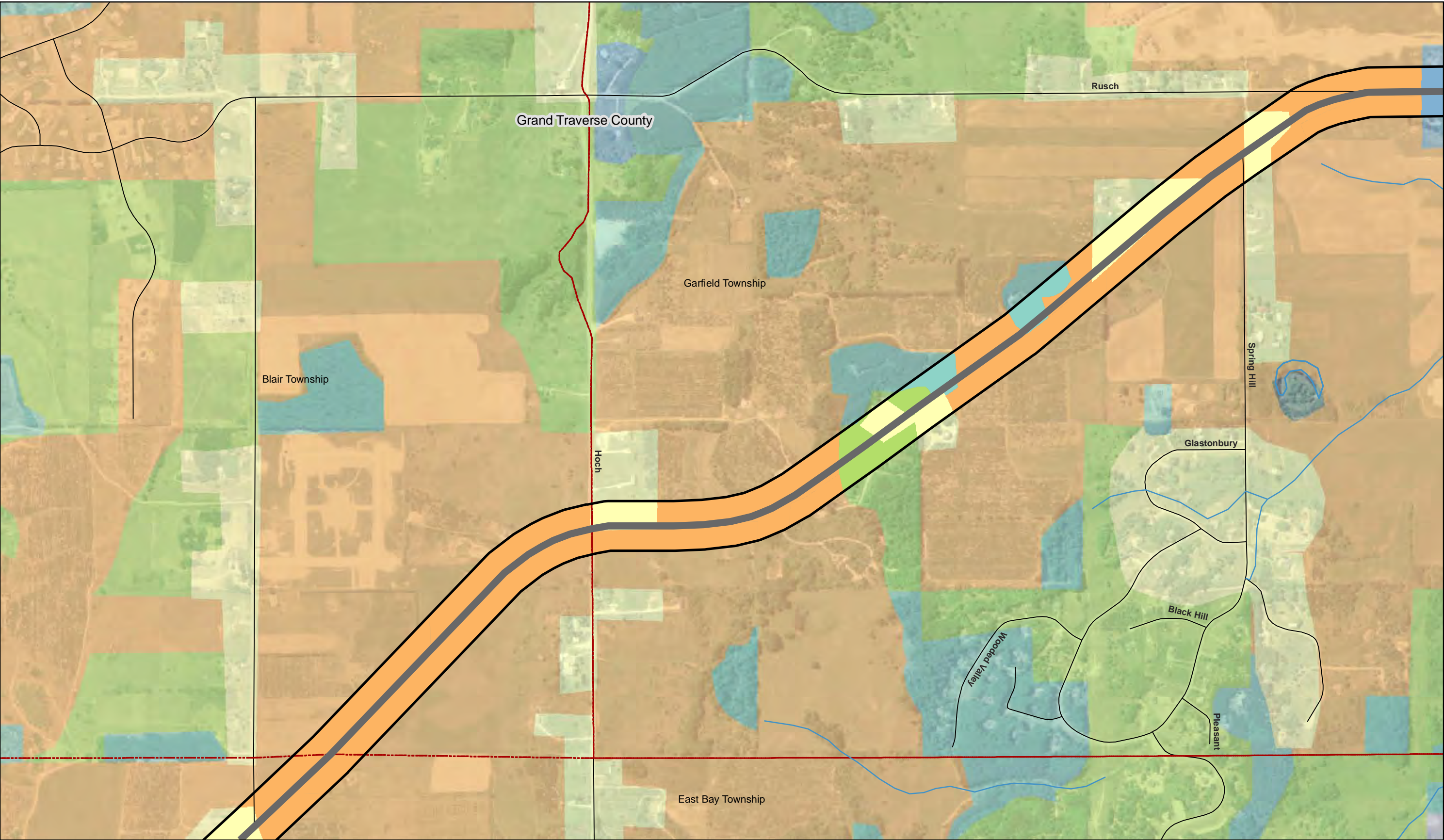
Open Land

Forested Land

Public/Semi-Public







Sheet 5 of 7

Data Sources:  
Land Cover - MDNR, Forest, Mineral and Fire Management Division  
Land Use - Grand Traverse County  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server \_http://gdw.apfo.usda.gov

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**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Water Bodies

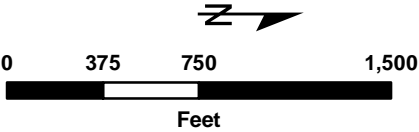
**LAND USE**

- Mixed Residential
- Mixed Agricultural
- Mixed Commercial
- Mixed Industrial
- Open Land
- Forested Land
- Public/Semi-Public

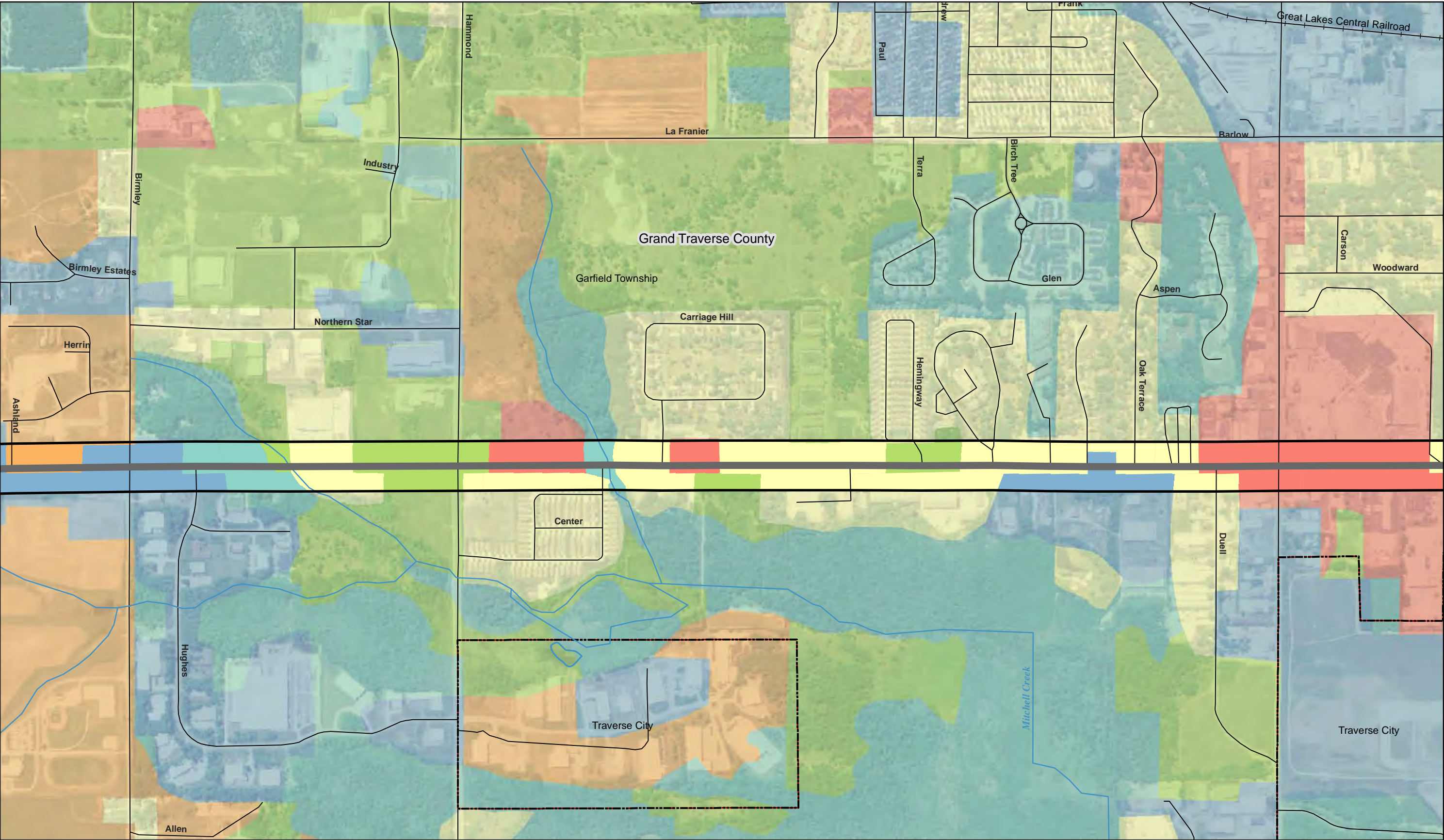
**Rivers/Streams**

**Railroad**

**Roads**







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Sheet 6 of 7

Data Sources:  
 Land Cover - MDNR, Forest, Mineral and Fire Management Division  
 Land Use - Grand Traverse County  
 Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server \_http://gdw.apfo.usda.gov

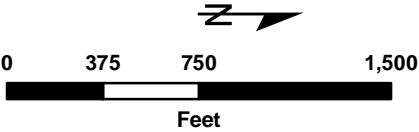
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**LEGEND**

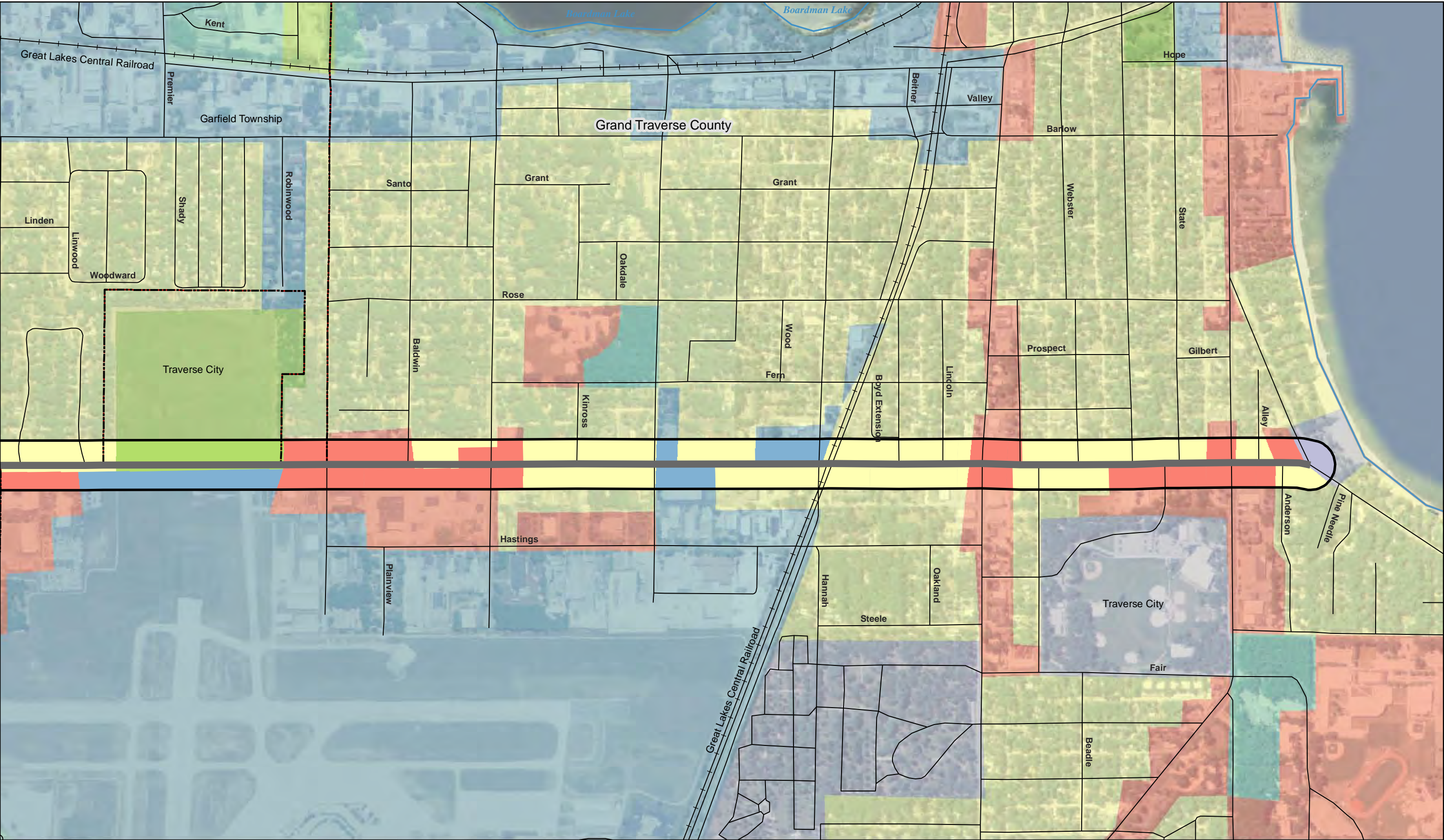
- Corridor
- Corridor Buffer
- Municipal Boundary
- Water Bodies
- Rivers/Streams
- Railroad
- Roads

**LAND USE**

- Mixed Residential
- Mixed Agricultural
- Mixed Commercial
- Mixed Industrial
- Open Land
- Forested Land
- Public/Semi-Public







Data Sources:  
Land Cover - MDNR, Forest, Mineral and Fire Management Division  
Land Use - Grand Traverse County  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server \_http://gdw.apfo.usda.gov

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**LEGEND**

Corridor

Corridor Buffer

Municipal Boundary

Water Bodies

Rivers/Streams

Railroad

Roads

**LAND USE**

Mixed Residential

Mixed Agricultural

Mixed Commercial

Mixed Industrial

Open Land

Forested Land

Public/Semi-Public

Corridors of Significance Environment Reports

Corridor 5 - Garfield Road

Page 79



### Corridor 6 – Hammond Road

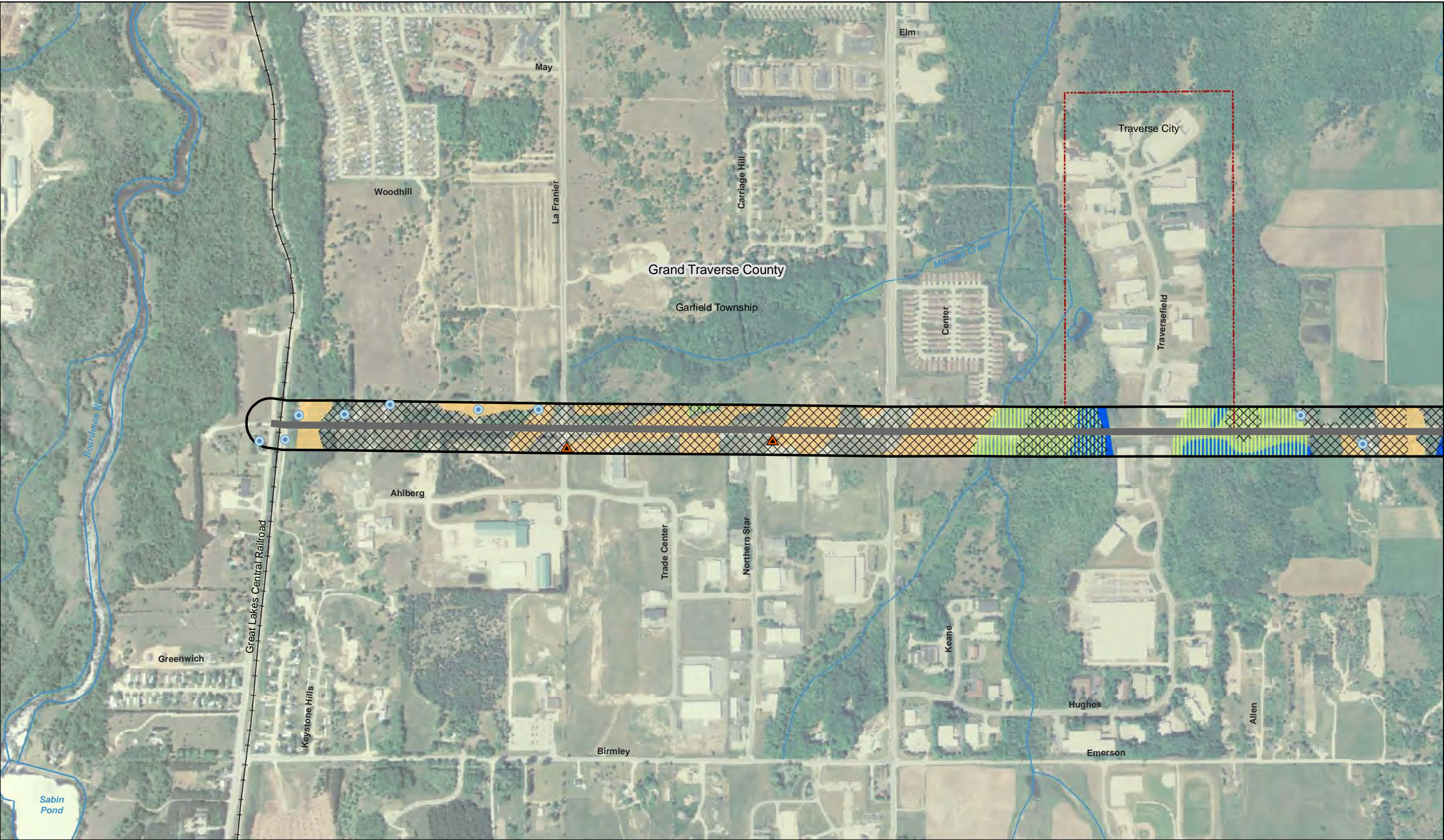
The Hammond Road corridor is located in Grand Traverse County, in both Garfield and East Bay Townships. The corridor is approximately 5.1 miles long and begins at Keystone Road on the west and ends at 5 Mile Road on the east. It ranges from two to five lanes with a posted speed of 55 miles per hour. Major intersections include 3 Mile Road, 4 Mile Road, Garfield Avenue, and La Franier Road. The roadway surface is asphalt and the existing functional class is Minor Arterial. It has an average daily traffic (ADT) count of 11,805 cars per day, though this count varies along the length of the corridor. Total land area within the buffer is 287 acres.

The table below summarizes the presence of environmental resources in the Hammond Road corridor. Specific geographic information is shown on the maps on the following pages.

**Table 3.6 Hammond Road Physical Environmental Resource Summary**

Resource Category	Resource Summary
Commercial / navigational rivers or streams	no
Landmarks	yes, one identified
Threatened or endangered species	yes
Wetlands	yes, 13.75 acres identified
Flood prone areas	yes, 23.70 acres identified
Coastal resources	yes, area outside buffer identified
Wild and scenic rivers / natural rivers	No, but in close proximity to 400' Natural River boundary
Prime and unique farmland soils	yes, about 189.15 acres identified
Hazardous materials	yes, four locations identified





Data Sources:  
Basemap - Michigan Geographic Data Library  
Farmland and Slope - SSURGO, from Michigan Geographic Data Library  
Wetlands - National Wetland Inventory, from Michigan Geographic Data Library  
Flood Prone Areas - Northwest MI Council of Governments  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server \_http://gdw.apfo.usda.gov

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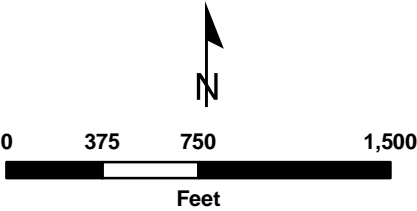
**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Railroad

- Drinking Water Wells
- HazMat
- Landmarks
- Oil & Gas

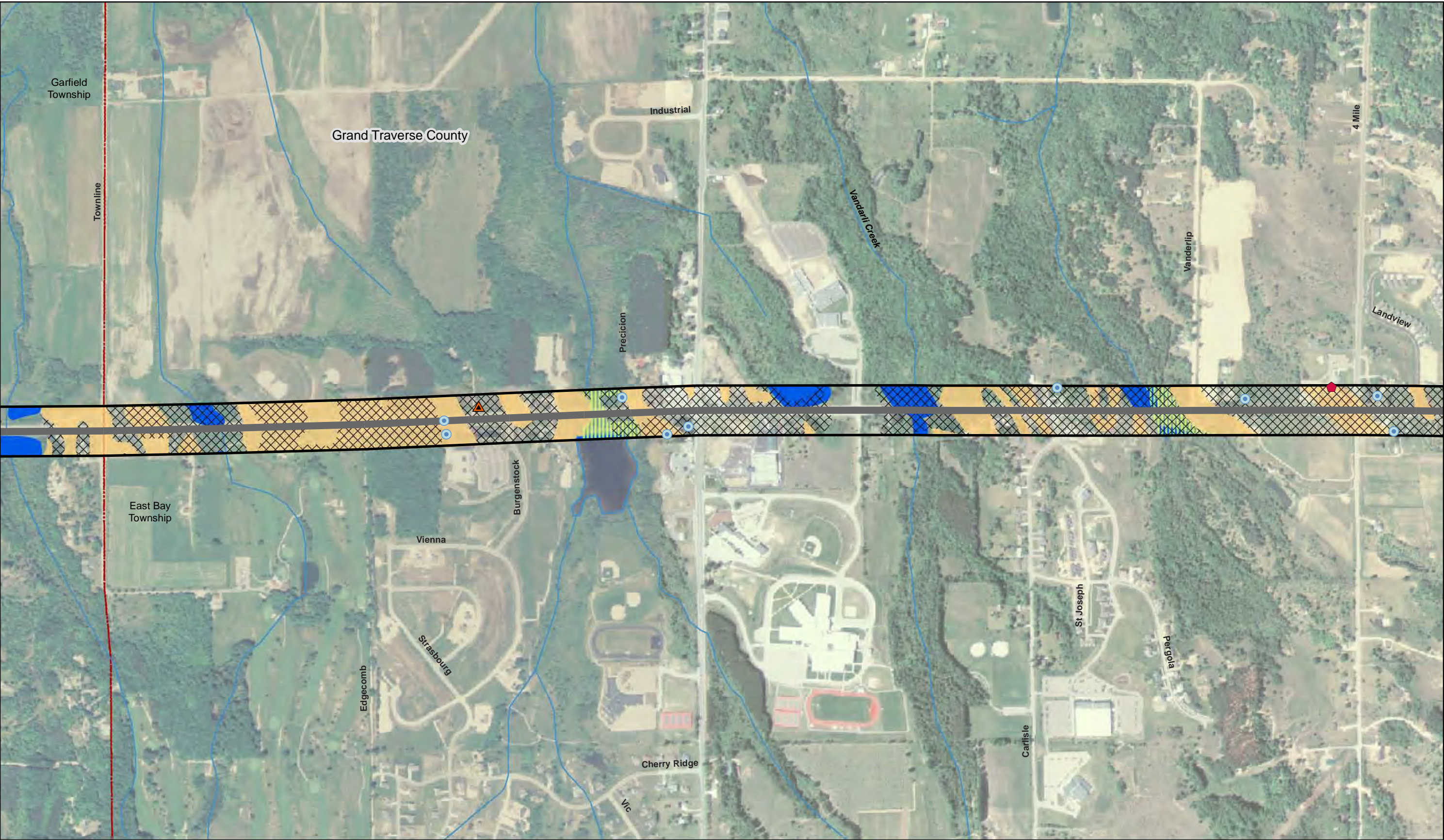
**CONSTRAINTS**

- Prime and Unique Farmland Soils
- Flood Prone Areas
- Wetlands
- Steep > 6%



**Corridors of Significance Environment Reports  
Corridor 6 - Hammond Road**





Data Sources:  
Basemap - Michigan Geographic Data Library  
Farmland and Slope - SSURGO, from Michigan Geographic Data Library  
Wetlands - National Wetland Inventory, from Michigan Geographic Data Library  
Flood Prone Areas - Northwest MI Council of Governments  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server \_http://gdw.apfo.usda.gov

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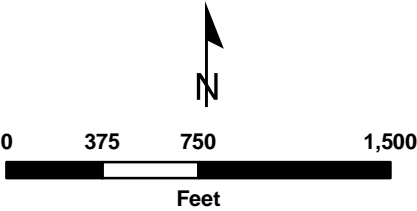
**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Railroad

- Drinking Water Wells
- HazMat
- Landmarks
- Oil & Gas

**CONSTRAINTS**

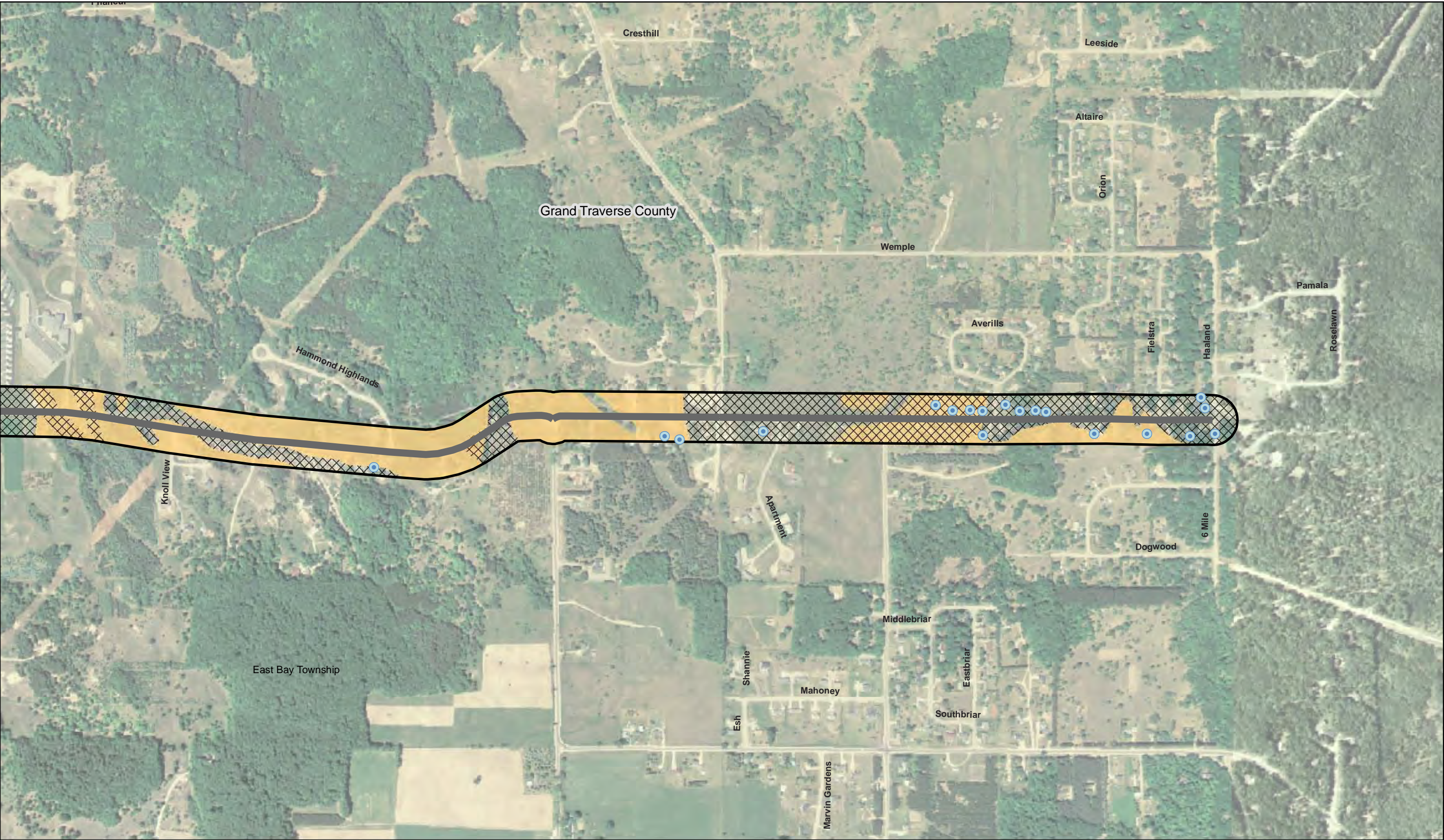
- Prime and Unique Farmland Soils
- Flood Prone Areas
- Wetlands
- Steep > 6%



**Corridors of Significance Environment Reports  
Corridor 6 - Hammond Road**







Data Sources:  
Basemap - Michigan Geographic Data Library  
Farmland and Slope - SSURGO, from Michigan Geographic Data Library  
Wetlands - National Wetland Inventory, from Michigan Geographic Data Library  
Flood Prone Areas - Northwest MI Council of Governments  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server \_http://gdw.apfo.usda.gov

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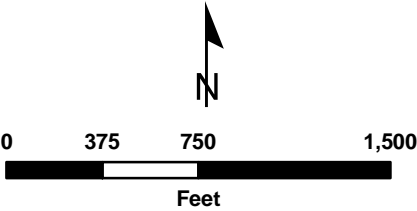
**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Railroad

- Drinking Water Wells
- HazMat
- Landmarks
- Oil & Gas

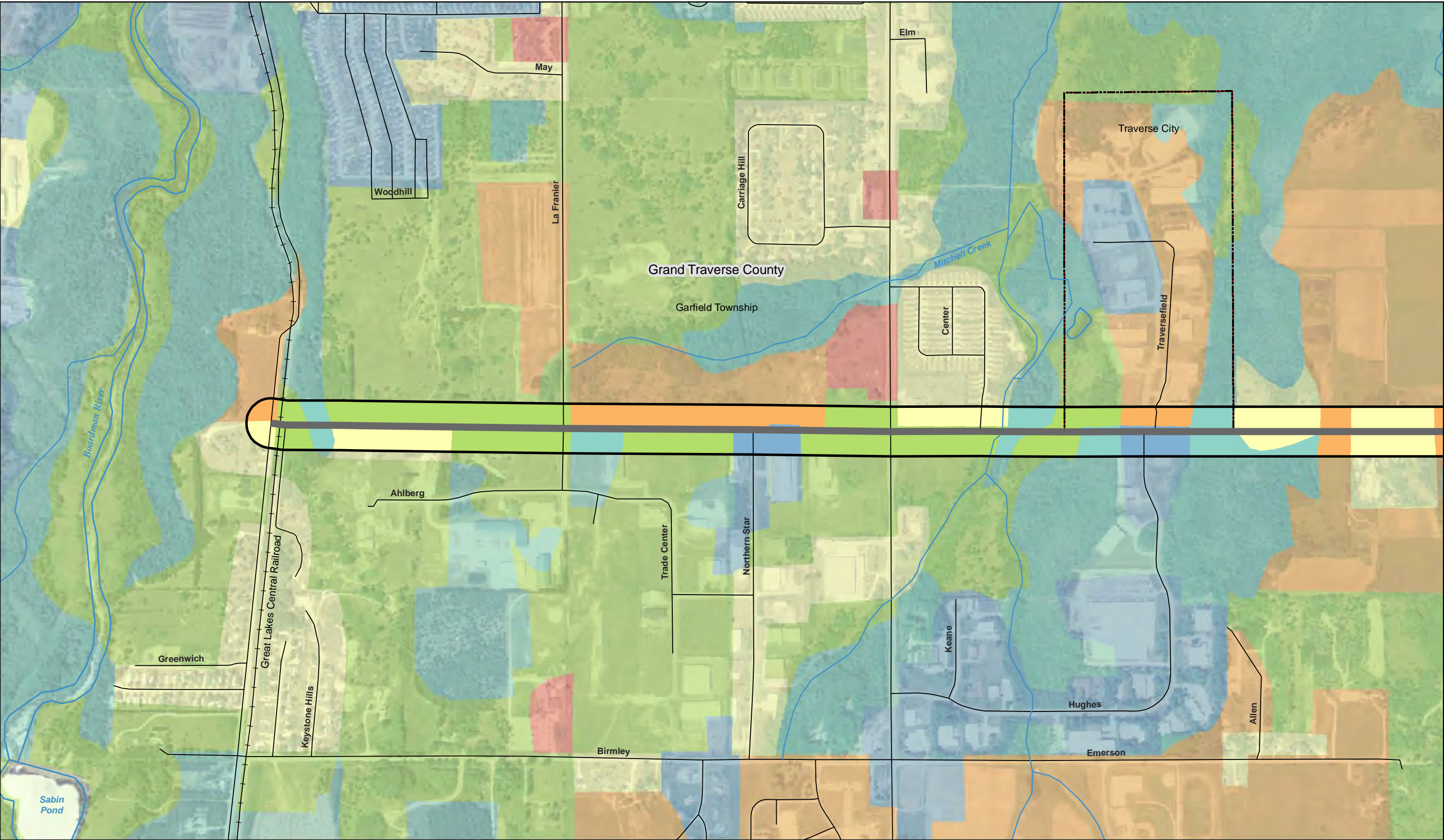
**CONSTRAINTS**

- Prime and Unique Farmland Soils
- Flood Prone Areas
- Wetlands
- Steep > 6%



**Corridors of Significance Environment Reports  
Corridor 6 - Hammond Road**





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Sheet 1 of 3

Data Sources:  
Land Cover - MDNR, Forest, Mineral and Fire Management Division  
Land Use - Grand Traverse County  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server \_http://gdw.apfo.usda.gov

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**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Water Bodies

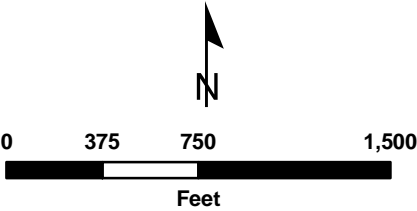
Rivers/Streams

Railroad

Roads

**LAND USE**

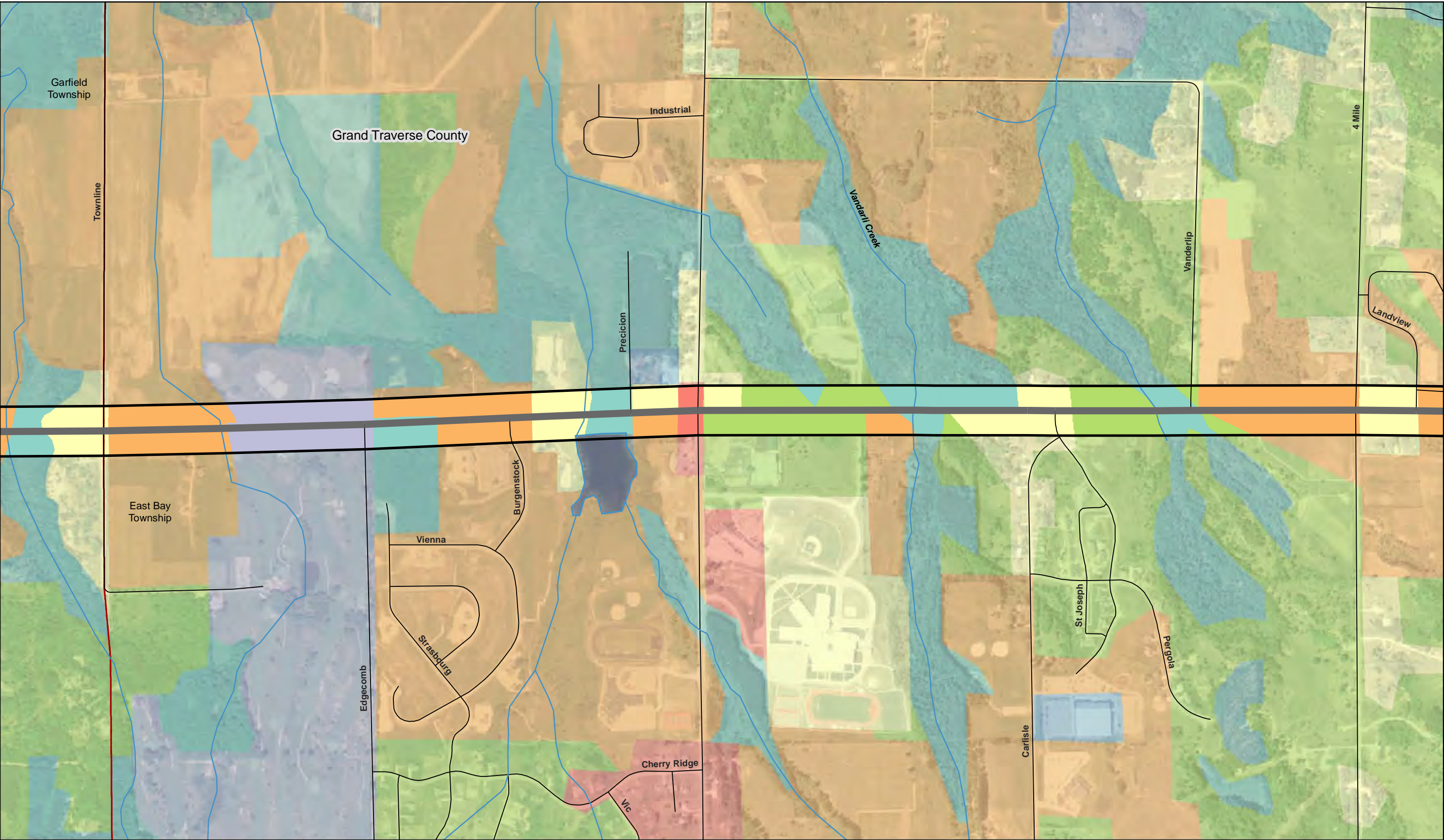
- Mixed Residential
- Mixed Agricultural
- Mixed Commercial
- Mixed Industrial
- Open Land
- Forested Land
- Public/Semi-Public



Corridors of Significance Environment Reports  
Corridor 6 - Hammond Road







Data Sources:  
Land Cover - MDNR, Forest, Mineral and Fire Management Division  
Land Use - Grand Traverse County  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server \_http://gdw.apfo.usda.gov

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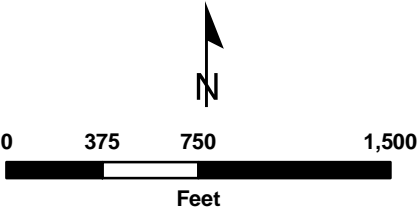
**LEGEND**

- Corridor
- Corridor Buffer
- Municipal Boundary
- Water Bodies

- Rivers/Streams
- Railroad
- Roads

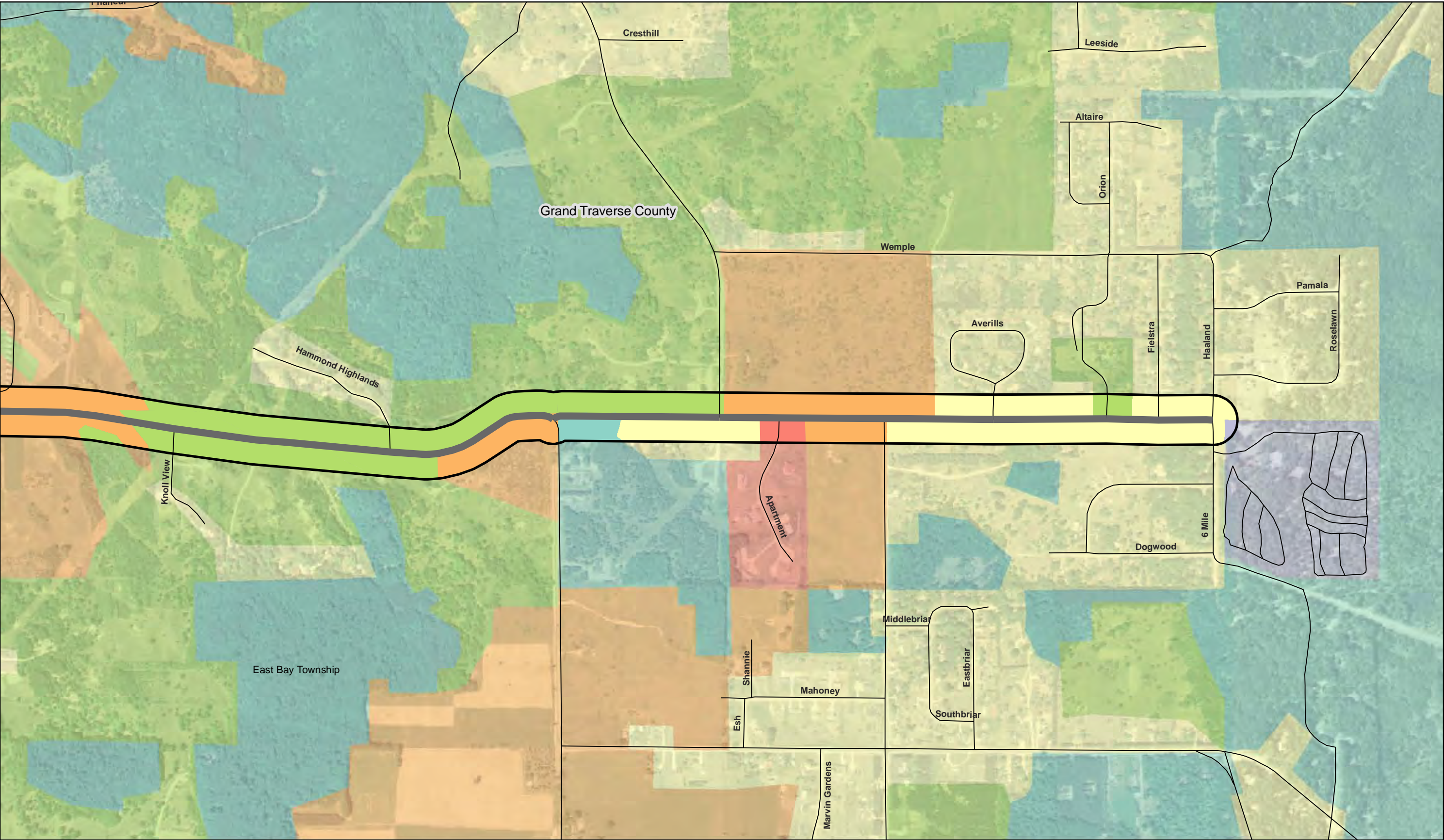
**LAND USE**

- Mixed Residential
- Mixed Agricultural
- Mixed Commercial
- Mixed Industrial
- Open Land
- Forested Land
- Public/Semi-Public



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Data Sources:  
Land Cover - MDNR, Forest, Mineral and Fire Management Division  
Land Use - Grand Traverse County  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server \_http://gdw.apfo.usda.gov

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**LEGEND**

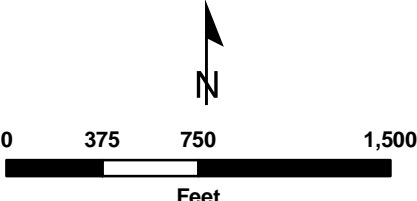
- Corridor
- Corridor Buffer
- Municipal Boundary
- Water Bodies

**LAND USE**

- Mixed Residential
- Mixed Agricultural
- Mixed Commercial
- Mixed Industrial
- Open Land
- Forested Land
- Public/Semi-Public

**Other Features**

- Rivers/Streams
- Railroad
- Roads



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### Corridor 7 – 3 Mile Road

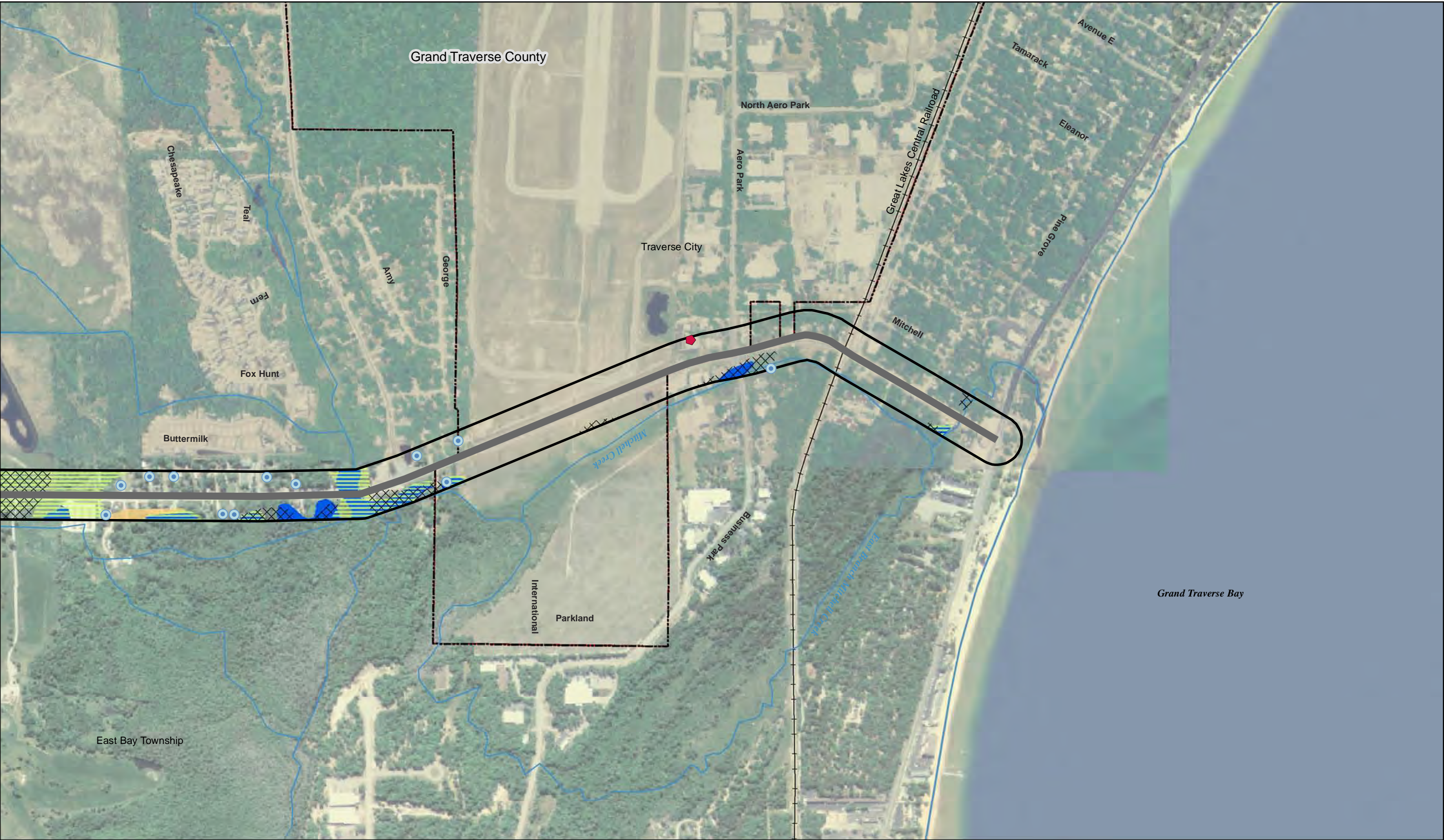
The 3 Mile Road corridor is located in Grand Traverse County in the township of East Bay. The corridor is approximately 5.7 miles long and begins at US-31 on the north and terminates at Garfield Road on the south. From US-31 to Hammond Road, 3 Mile Road has two lanes with posted speeds of 55 miles per hour and a functional classification of Minor Arterial. From Hammond Road to Garfield Road, it has two lanes with posted speeds of 55 miles per hour and a functional classification of Major Collector. The 3 Mile Road corridor is made of asphalt, and major intersections include South Airport Road, US-31, and Hammond Road. It has an average daily traffic (ADT) count of 18,910 cars per day, though this count varies along the length of the corridor. Total land area within the buffer is approximately 278 acres.

The table below summarizes the presence of environmental resources in the 3 Mile Road corridor. Specific geographic information is shown on the maps on the following pages.

**Table 3.7 3 Mile Road Physical Environmental Resource Inventory**

Resource Category	Resource Summary
Commercial / navigational rivers or streams	Lake Michigan
Landmarks	yes, five identified
Threatened or endangered species	yes
Wetlands	yes, 22.09 acres identified
Flood prone areas	yes, 26.36 acres identified
Coastal resources	yes, one area identified
Wild and scenic rivers / natural rivers	no
Prime and unique farmland soils	yes, about 112.00 acres identified
Hazardous materials	no





Data Sources:  
Basemap - Michigan Geographic Data Library  
Farmland and Slope - SSURGO, from Michigan Geographic Data Library  
Wetlands - National Wetland Inventory, from Michigan Geographic Data Library  
Flood Prone Areas - Northwest MI Council of Governments  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server <http://gdw.apfo.usda.gov>

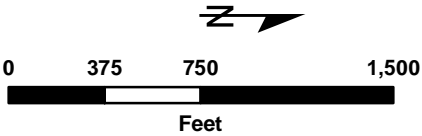
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**LEGEND**

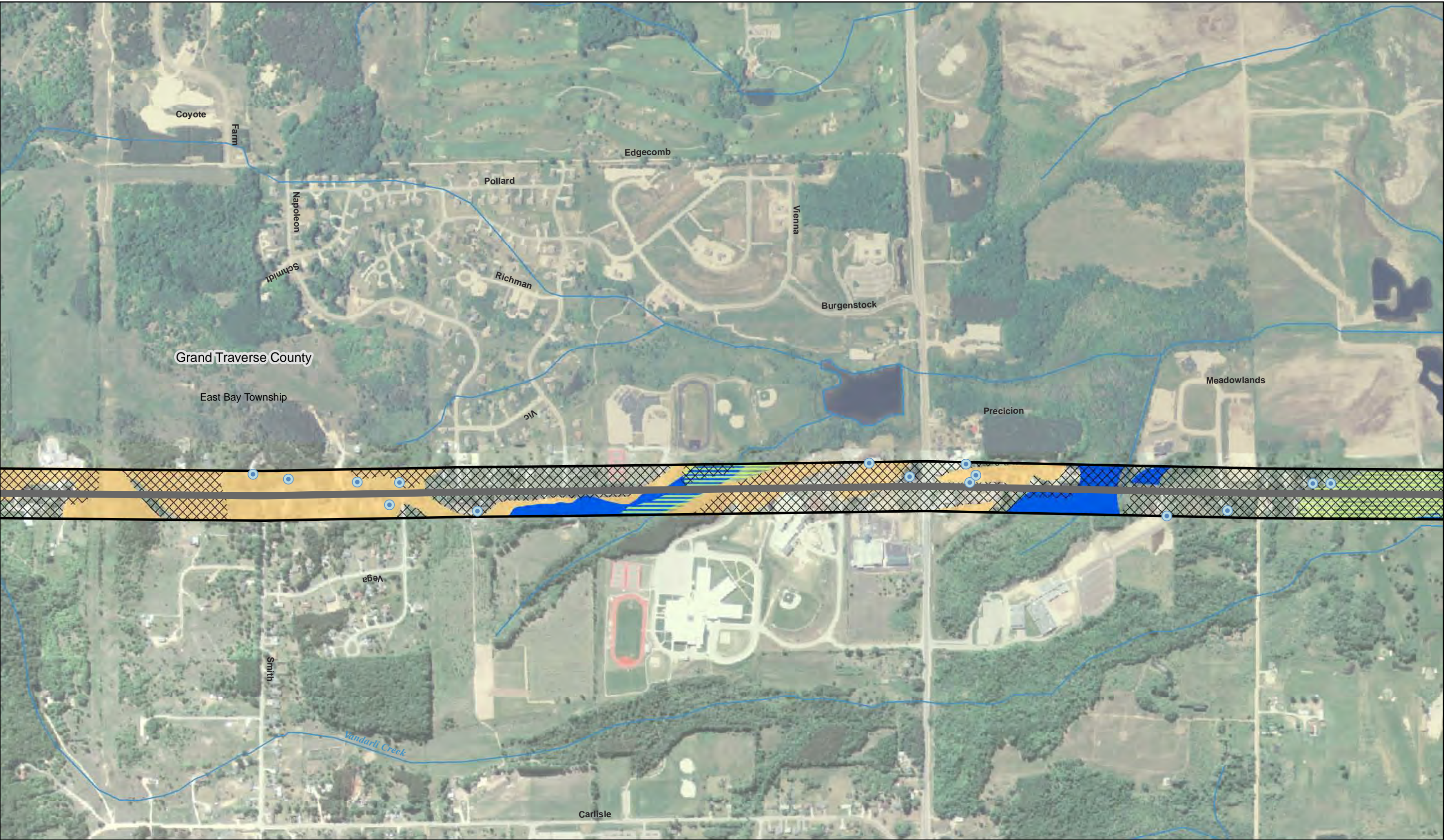
- Corridor
- Corridor Buffer
- Municipal Boundary
- Railroad
- Drinking Water Wells
- HazMat
- Landmarks
- Oil & Gas

**CONSTRAINTS**

- Prime and Unique Farmland Soils
- Flood Prone Areas
- Wetlands
- Steep > 6%







Data Sources:  
Basemap - Michigan Geographic Data Library  
Farmland and Slope - SSURGO, from Michigan Geographic Data Library  
Wetlands - National Wetland Inventory, from Michigan Geographic Data Library  
Flood Prone Areas - Northwest MI Council of Governments  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server \_http://gdw.apfo.usda.gov

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**LEGEND**

Corridor

Corridor Buffer

Municipal Boundary

Railroad

Drinking Water Wells

HazMat

Landmarks

Oil & Gas

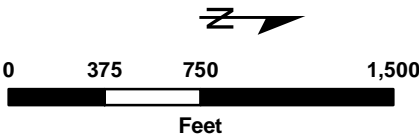
**CONSTRAINTS**

Prime and Unique Farmland Soils

Flood Prone Areas

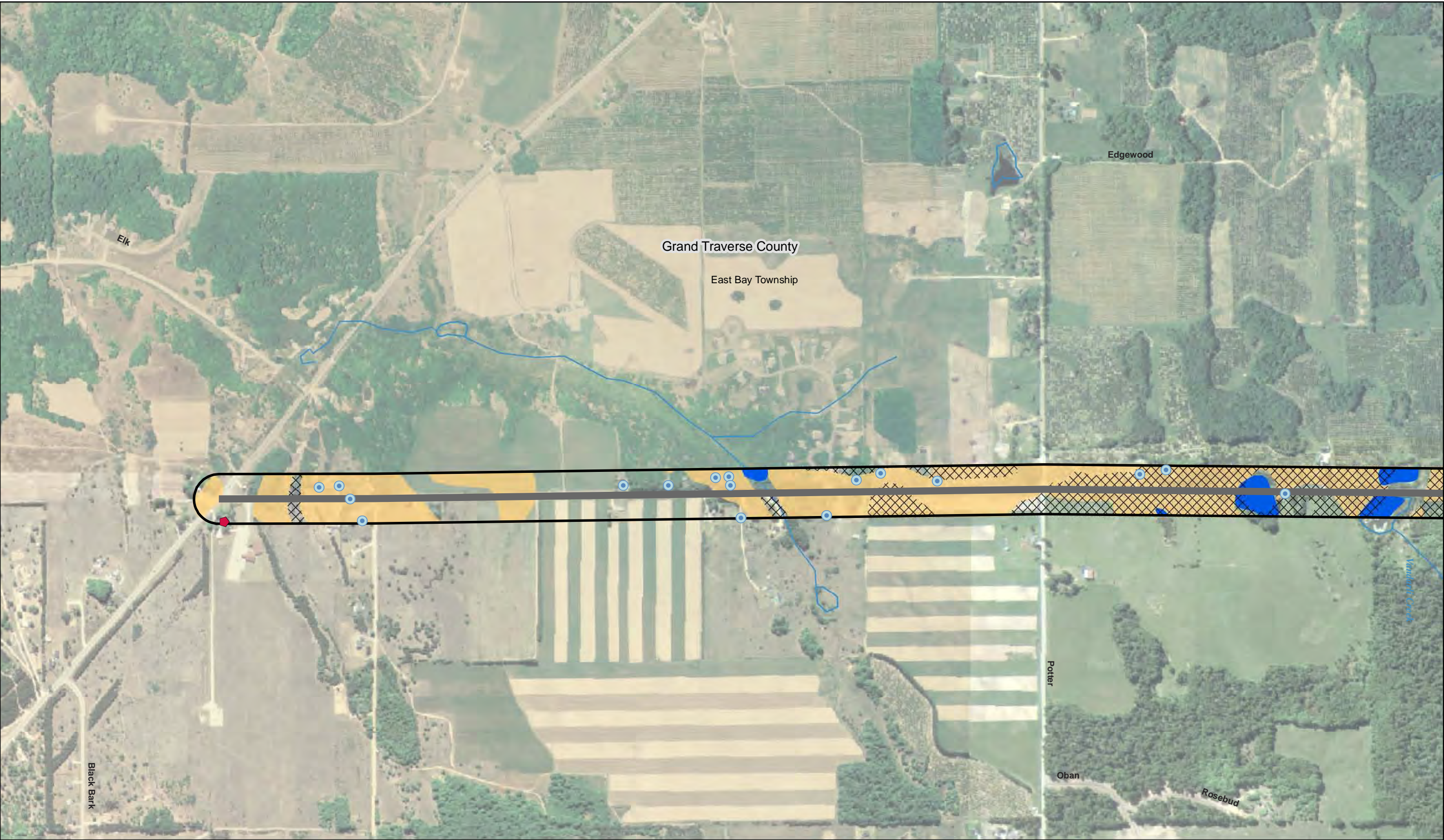
Wetlands

Steep > 6%



**Corridors of Significance Environment Reports**  
**Corridor 7 - 3 Mile Road**





Data Sources:  
Basemap - Michigan Geographic Data Library  
Farmland and Slope - SSURGO, from Michigan Geographic Data Library  
Wetlands - National Wetland Inventory, from Michigan Geographic Data Library  
Flood Prone Areas - Northwest MI Council of Governments  
Orthophotography - FSA NAIP, 2006, 1m from ArcIMS Server \_http://gdw.apfo.usda.gov

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**LEGEND**

Corridor

Corridor Buffer

Municipal Boundary

Railroad

Drinking Water Wells

HazMat

Landmarks

Oil & Gas

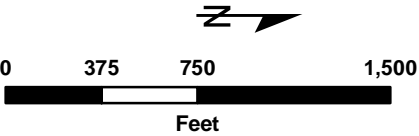
**CONSTRAINTS**

Prime and Unique Farmland Soils

Flood Prone Areas

Wetlands

Steep > 6%



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