

Appendix A

Figures (Continued)



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AVON LAKE GAS ADDITION PROJECT

Figure 5 - Zoning Overview Map

Legend

- Above Ground Representative Project Route
- Below Ground Representative Project Route
- Alternative Route Segment

Zoning District Boundary

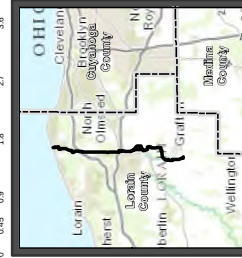
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- Industrial
- Recreational/Open Space
- Residential
- County Boundary
- Political Township Boundary
- Municipal Boundary
- Map Extent Boundary

Roads

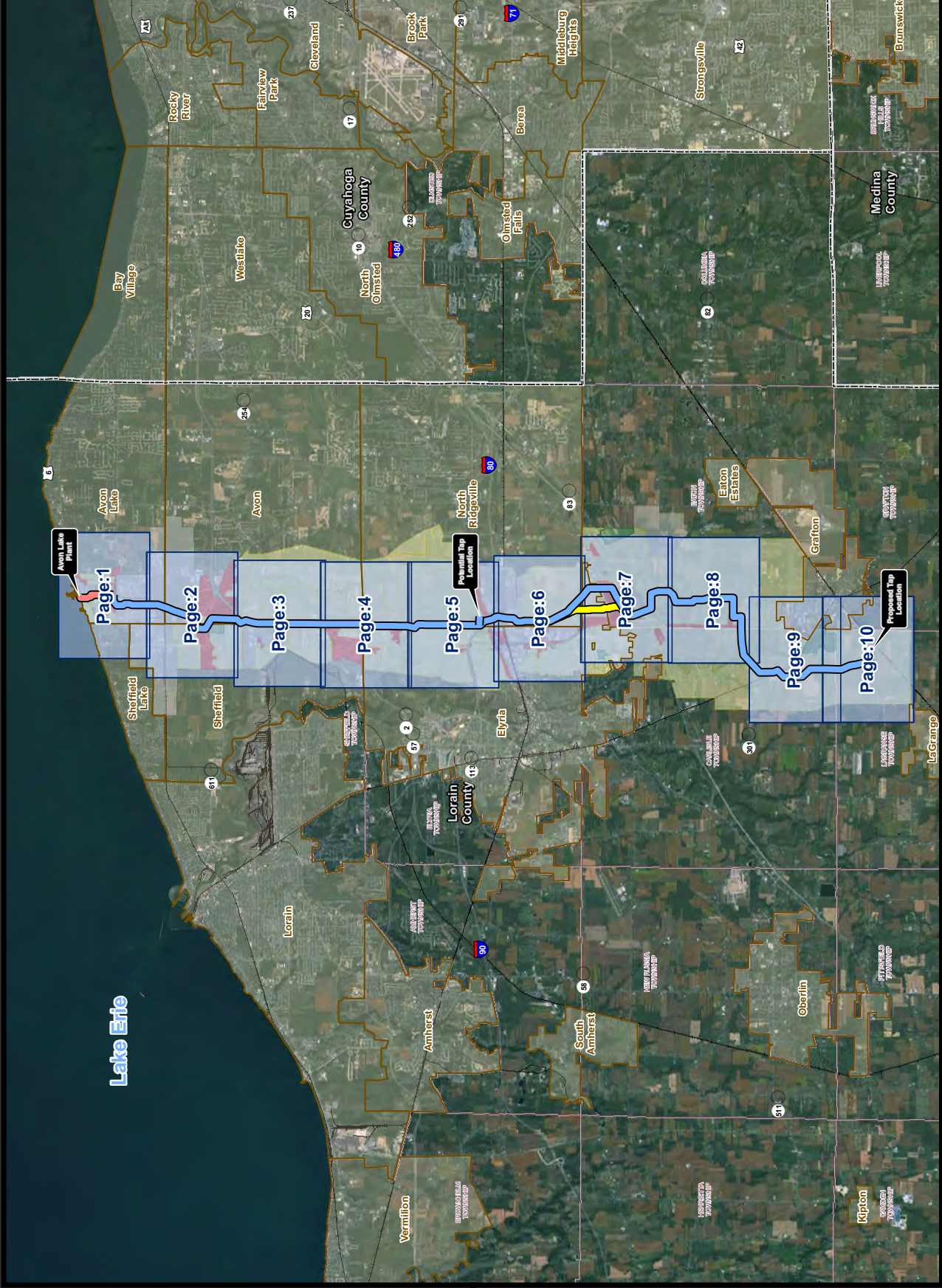
- Interstate
- US Highway
- State Highway

Aerial Photo Source: Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, Inc., USGS, FAO, NPS, NRCAN, Swire, METI, AeroGRID, IGN, and the GIS User Community

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AVON LAKE GAS ADDITION PROJECT

Figure 5 - Zoning

- Legend**
- Above Ground Representative Project Route
 - Below Ground Representative Project Route
 - Alternative Route Segment
 - Mile Post Location
 - Zoning District Boundary**
 - Commercial/Business
 - Industrial
 - Recreational/Open Space
 - Residential
 - County Boundary
 - Political Township Boundary
 - Municipal Boundary
 - Railroad
 - Roads**
 - Interstate
 - US Highway
 - State Highway

Aerial Photo Source: Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, Inc., USGS, FAO, NPS, NRCAN, Esri, METI, Esri, China (Hong Kong), Swire, and the GIS User Community

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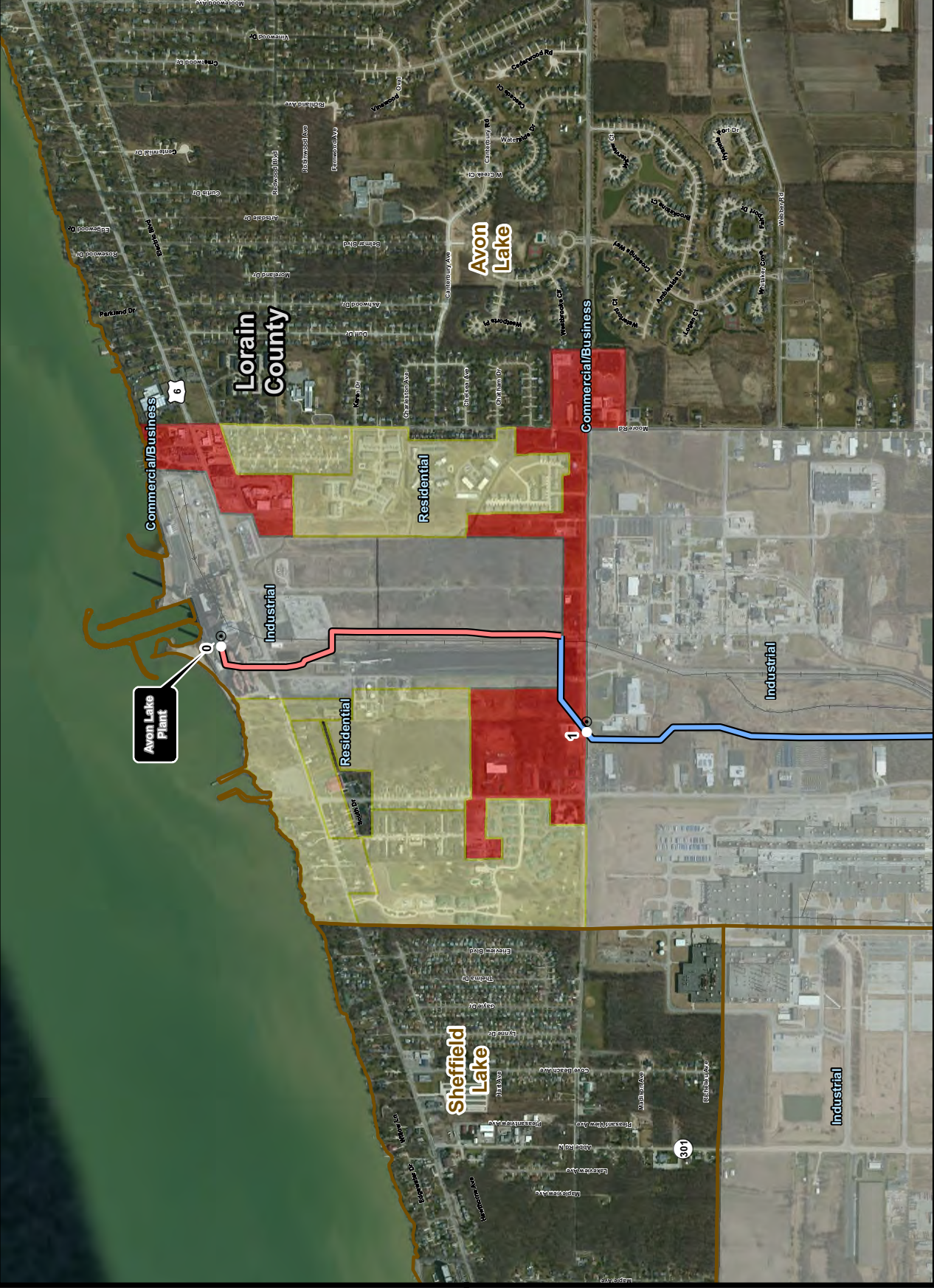
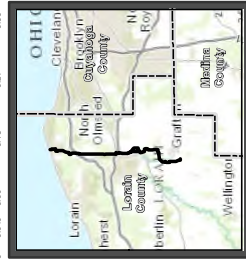




Figure 5 – Zoning

 Above Ground Representative Project Route
 Below Ground Representative Project Route

Zoning District Boundary

Recreational/Open Space
Residential

 Municipal Boundary
 Railroad

— US Highway
— State Highway

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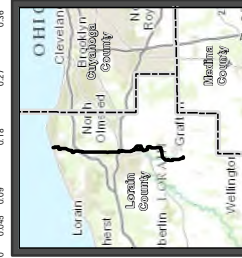


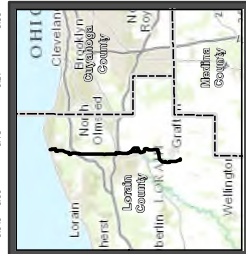


Figure 5 – Zoning

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Aerial Photo Source: Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, iPC, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), and the GIS User Community

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AVON LAKE GAS ADDITION PROJECT

Figure 5 – Zoning

Legend

-
- Legend**
- Above Ground Representative Project Route
 - Below Ground Representative Project Route
 - Alternative Route Segment
 - 1 Mile Post Location
 - Zoning District Boundary**
 - Commercial/Business
 - Industrial
 - Recreational/Open Space
 - Residential
 - County Boundary
 - Political Township Boundary
 - Municipal Boundary
 - Roads
 - Interstate
 - US Highway
 - State Highway
 - Railroad

Aerial Photo Source: Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, iPC, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), and the GIS User Community

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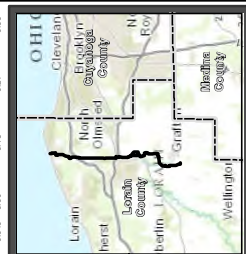




Figure 5 – Zoning

Legend

- Above Ground Representative Project Route
- Below Ground Representative Project Route
- Alternative Route Segment
- Mile Post Location

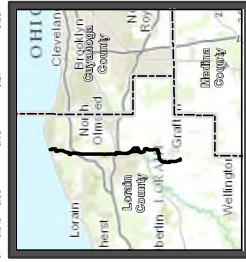
Zoning District Boundary

- Commercial/Business
- Industrial
- Recreational/Open Space
- Residential
- County Boundary
- Political Township Boundary
- Municipal Boundary
- Railroad

Roads

- Interstate
- US Highway
- State Highway

Aerial Photo Source: Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, iPC, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), and the GIS User Community



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Figure 5 – Zoning

Legend

- Above Ground Representative Project Route
- Below Ground Representative Project Route
- Alternative Route Segment
- Mile Post Location

Zoning District Boundary

- Commercial/Business
- Industrial
- Recreational/Open Space
- Residential

County Boundary

- Political Township Boundary
- Municipal Boundary

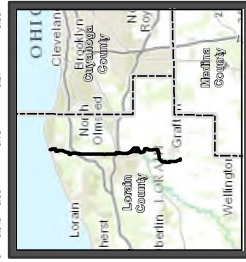
Roads

- Interstate
- State Highway
- US Highway
- Railroad

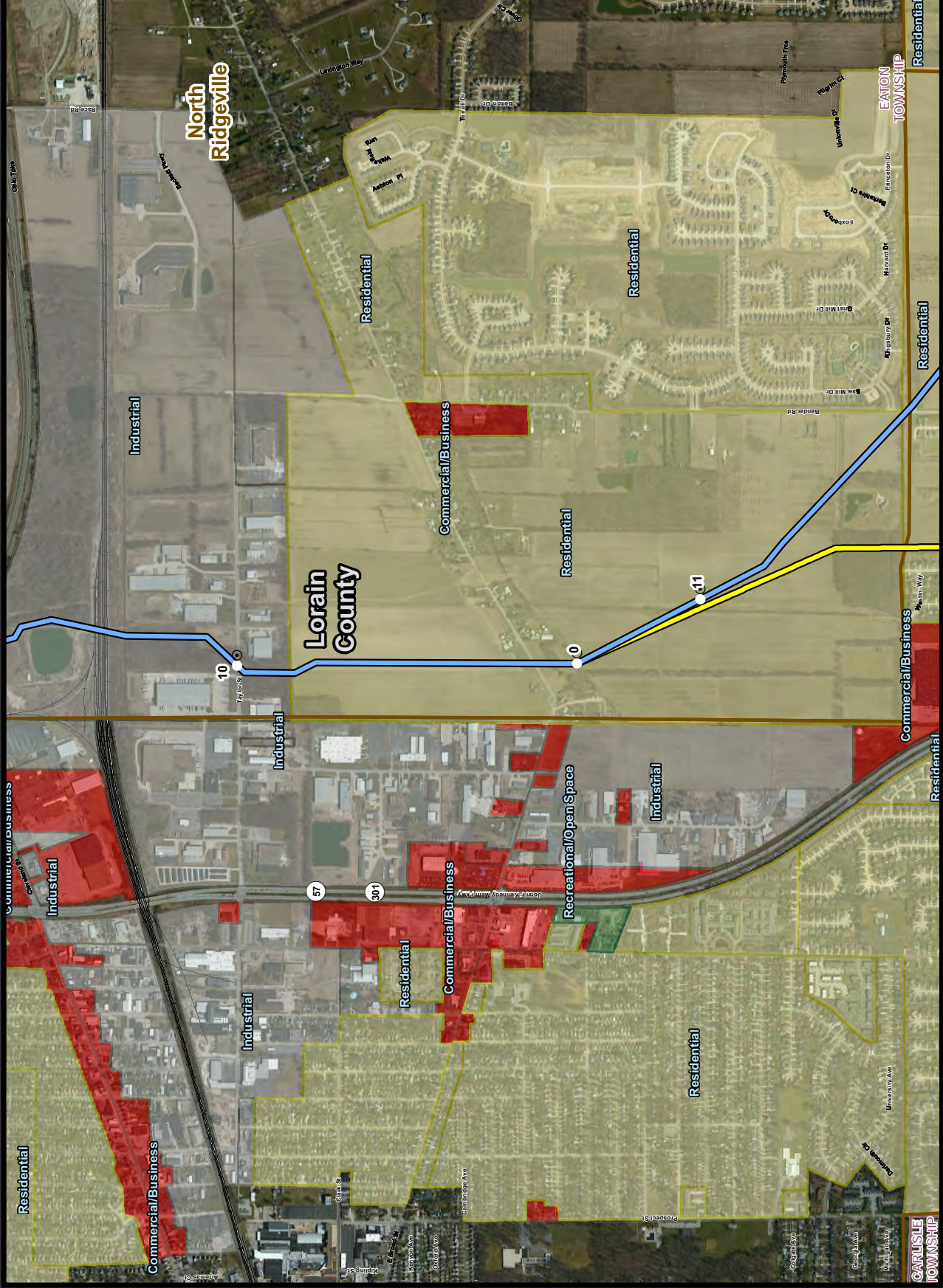
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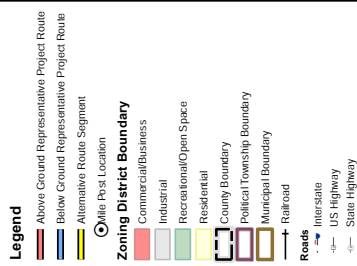


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Figure 5 – Zoning



Aerial Photo Source: Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, iPC, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), and the GIS User Community

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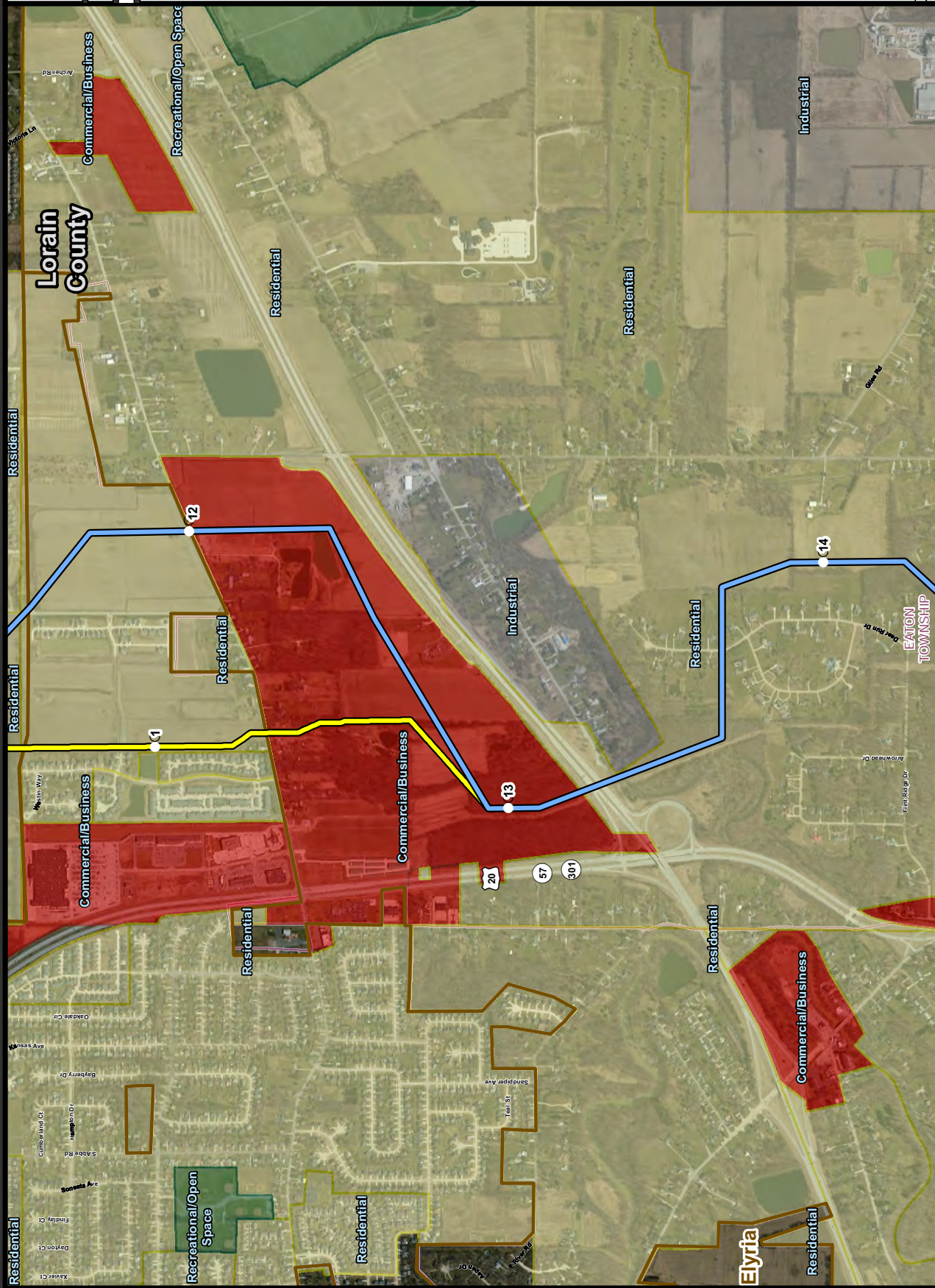
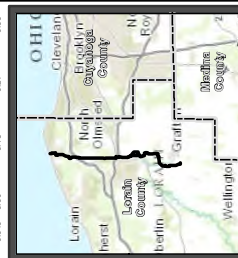




Figure 5 – Zoning

Legend

- Legend**
- Below Ground Representative Project Route
 - Above Ground Representative Project Route
 - Alternative Route Segment
 - 1 Mile Post Location
 - Zoning District Boundary**
 - Commercial/Business
 - Industrial
 - Recreation/Open Space
 - Residential
 - County Boundary
 - Political Township Boundary
 - Municipal Boundary
 - Railroad
 - Roads**
 - Interstate
 - US Highway
 - State Highway

Aerial Photo Source: Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, iPC, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), and the GIS User Community

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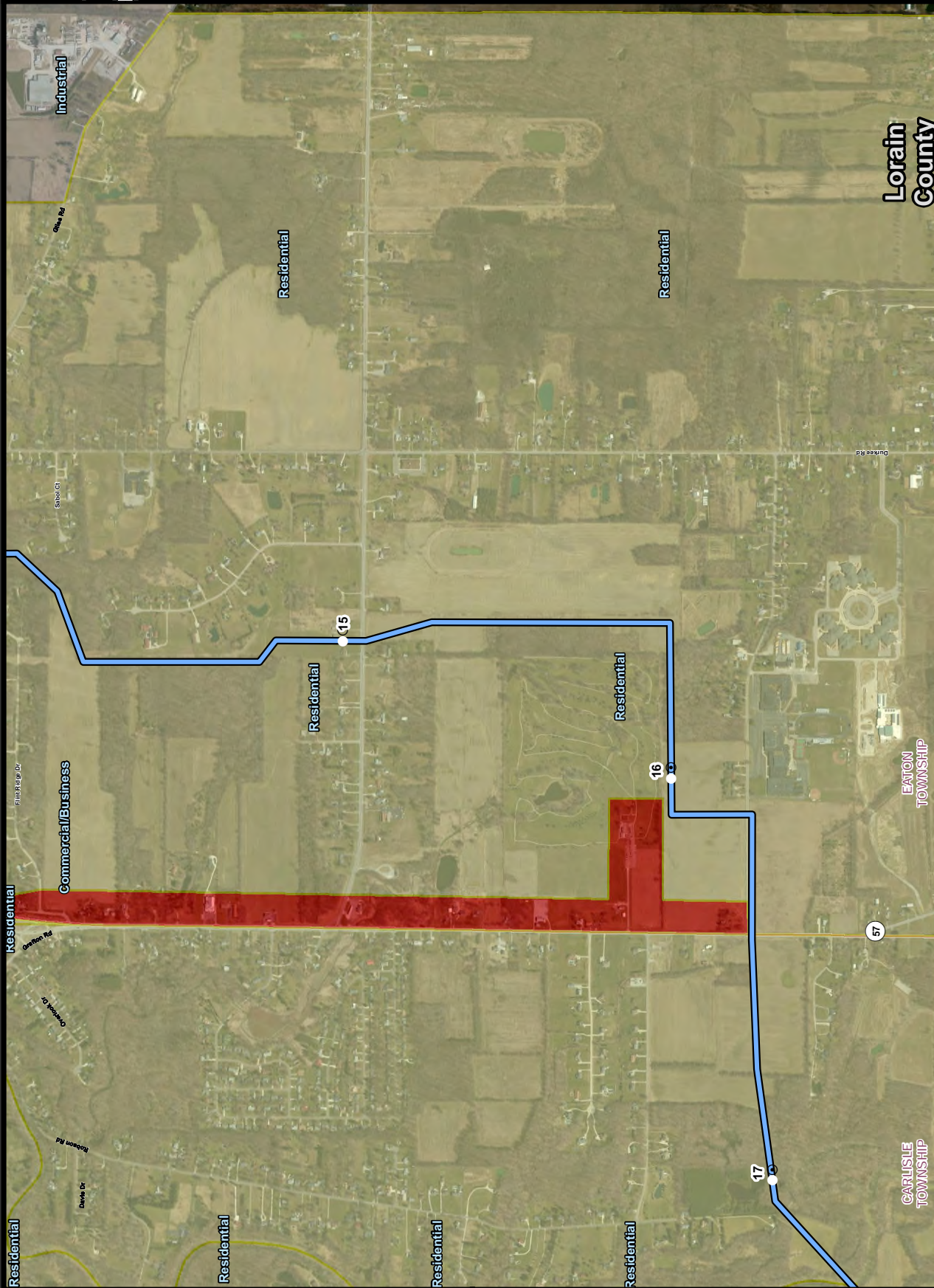
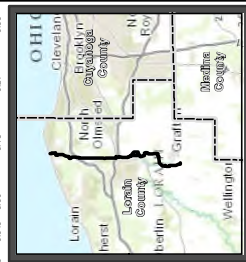


Figure 5 - Zoning

- Legend**
- Above Ground Representative Project Route
 - Below Ground Representative Project Route
 - Alternative Route Segment
 - Mile Post Location
 - Zoning District Boundary**
 - Commercial/Business
 - Industrial
 - Recreational/Open Space
 - Residential
 - County Boundary
 - Political Township Boundary
 - Municipal Boundary
 - Railroad
 - Roads**
 - Interstate
 - US Highway
 - State Highway

Aerial Photo Source: Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, Inc., USGS, FAO, NPS, NRCAN, Esri, Swisstopo, GEBCO, USGS, AeroGRID, IGN, Esri, METI, Esri, China (Hong Kong), and the GIS User Community

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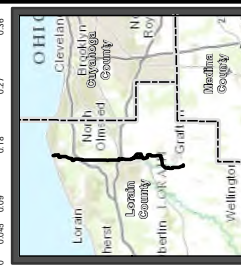
Figure 5 – Zoning

Legend

-
- Legend:**
- Above Ground Representative Project Route
 - Below Ground Representative Project Route
 - Alternative Route Segment
 - Other First Location
 - Commercial/Business
 - Industrial
 - Recreational/Open Space
 - Residential
 - County Boundary
 - Political Township Boundary
 - Municipal Boundary
 - Railroad
 - **Roads**
 - Interstate
 - US Highway
 - State Highway
- Zoning District Boundary**

Aerial Photo Source: Sources: Esri, Delorme, NAVTEQ, TomTom, Intermap, iPC, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), and the GIS User Community

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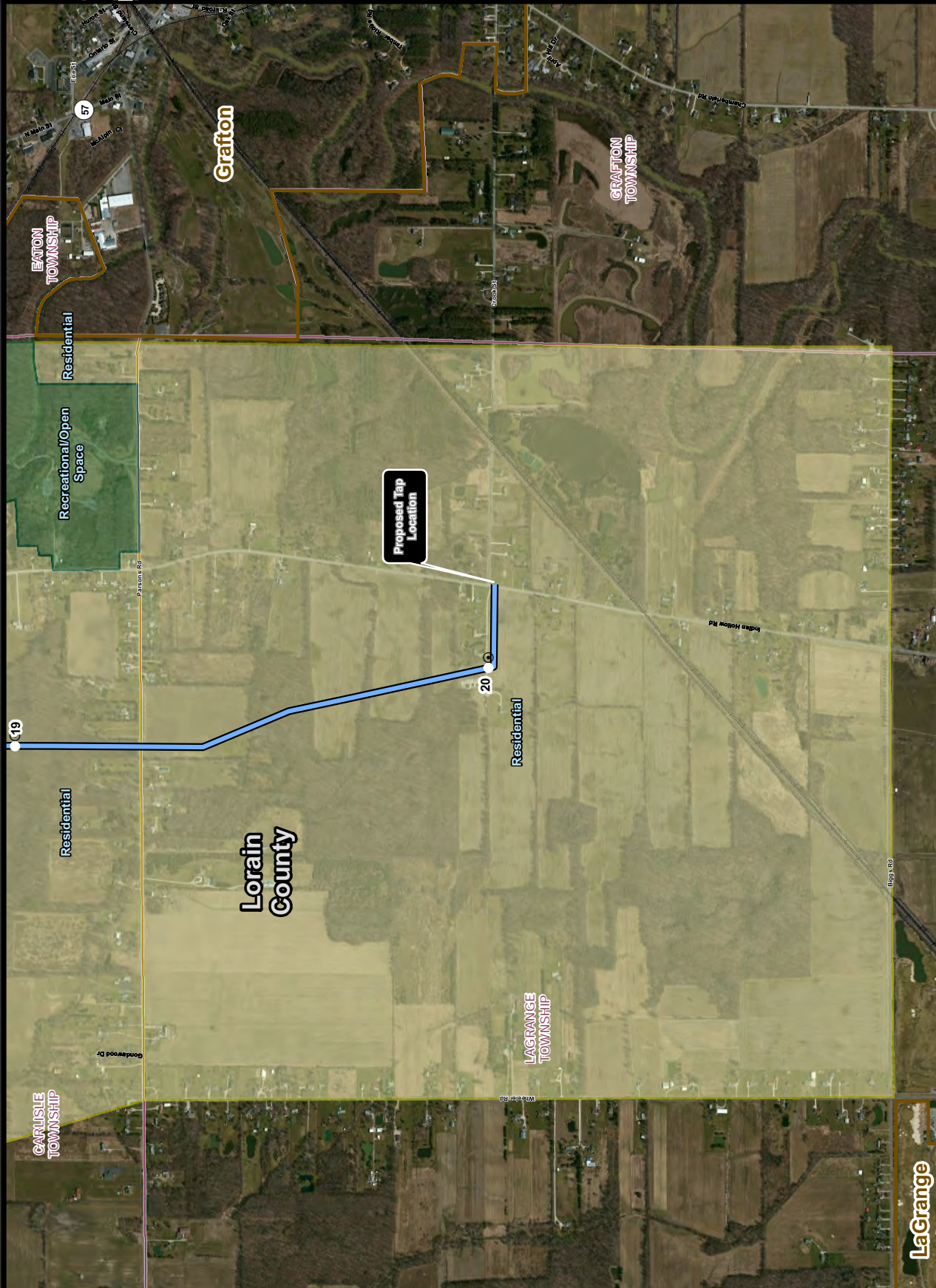


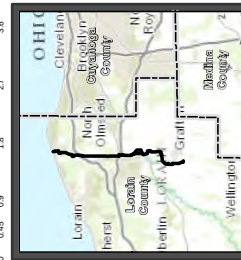


Figure 6 – Surface Water Resources Overview Map

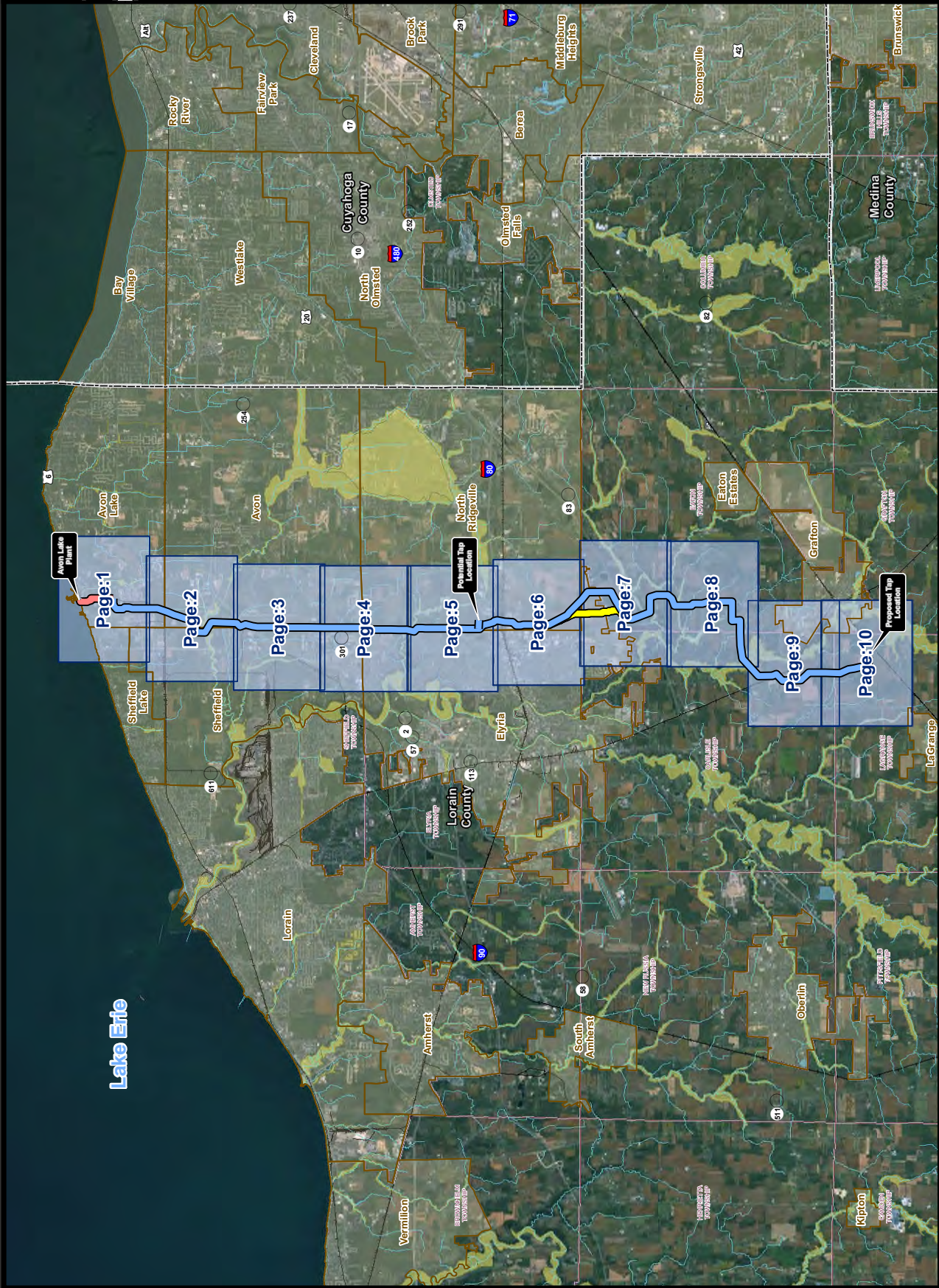
— Above Ground Representative Project Route

- Below Ground Persistent Project Route
- Alternative Route Segment
 - County Boundary
 - Political Township Boundary
 - Municipal Boundary
 - Map Exent Boundary
 - Railroad
 - 100 Year Floodplain
 - Lake
 - River/Stream
 - Road
 - Interstate
 - US Highway
 - State Highway

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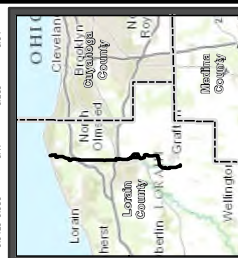
Figure 6 – Surface Water Resources

Legend

-
- Above Ground Representative Project Route
 - Below Ground Representative Project Route
 - Alternative Route Segment
 - Mile Post Location
 - 100 Year Floodplain
 - Lake
 - River/Stream
 - NWI Wetland**
 - LUBH
 - PABG
 - PEM
 - PFO/PSS
 - PFO1
 - PSS/PEM
 - PSS
 - PUB
 - County Boundary
 - Political Township Boundary
 - Municipal Boundary
 - Road
 - Interstate
 - US Highway
 - State Highway
 - Railroad

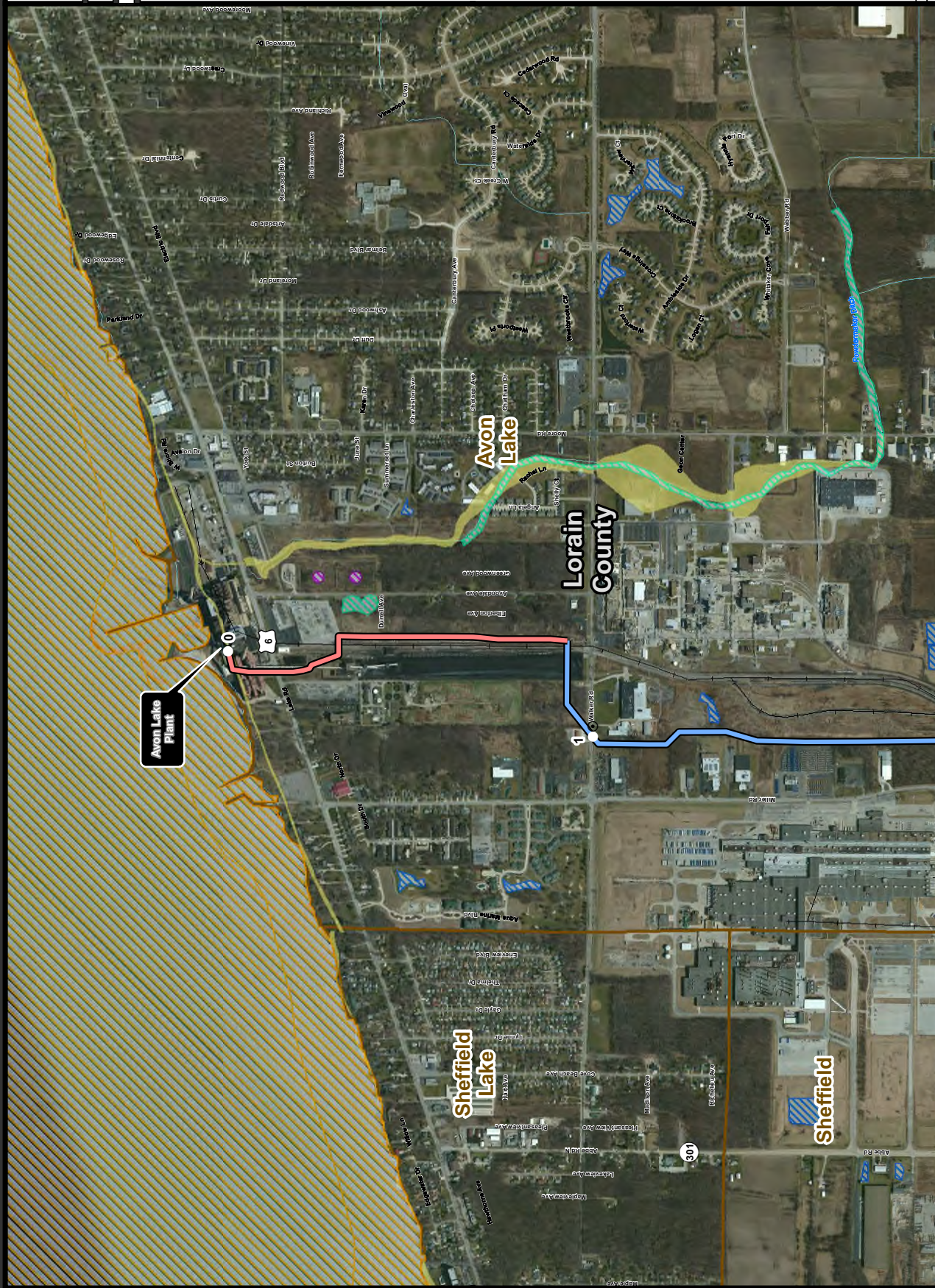
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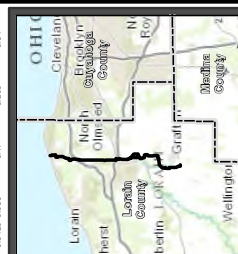
Figure 6 – Surface Water Resources

Legend

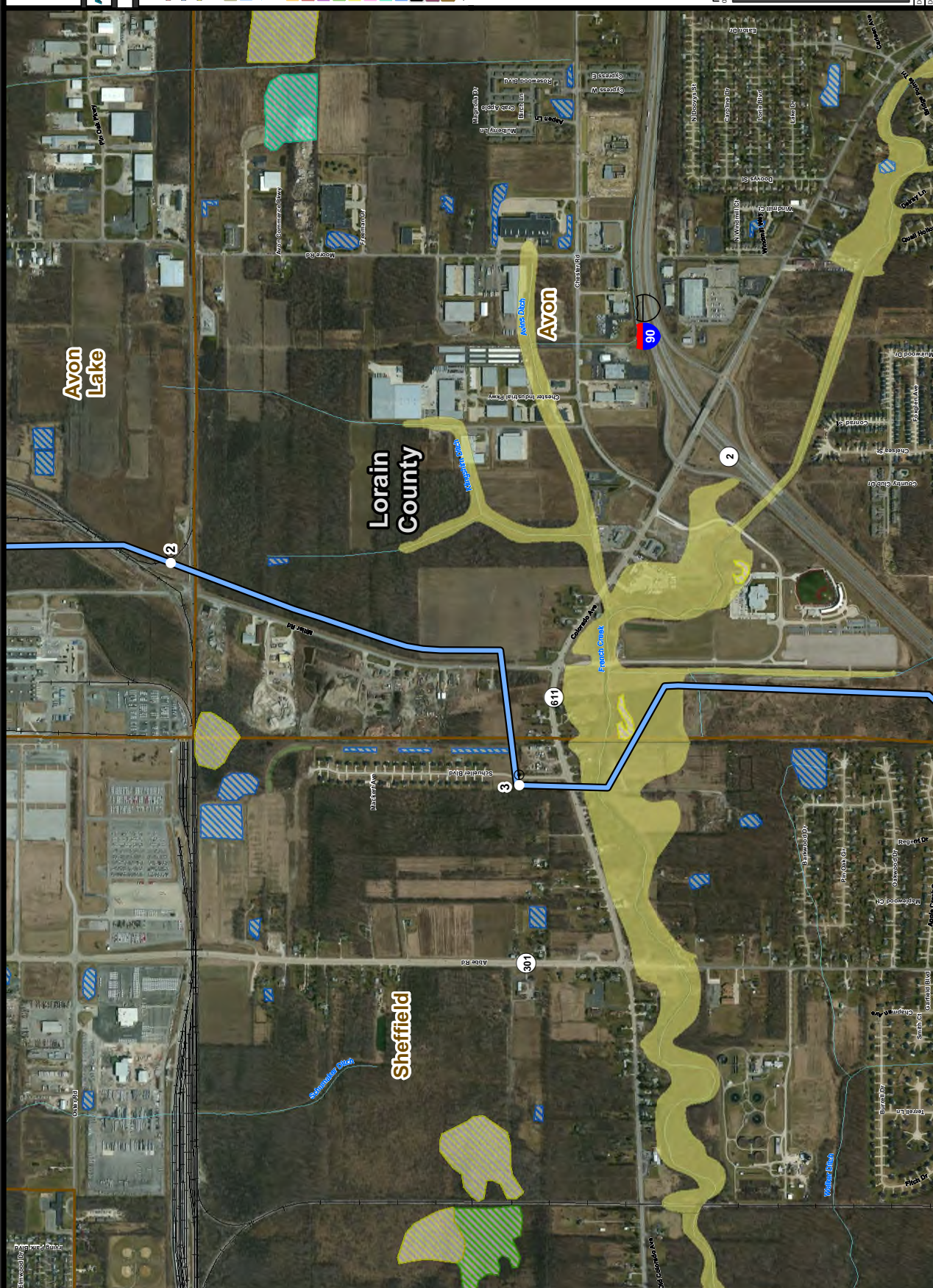
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AVON LAKE GAS ADDITION PROJECT

Figure 6 - Surface Water Resources

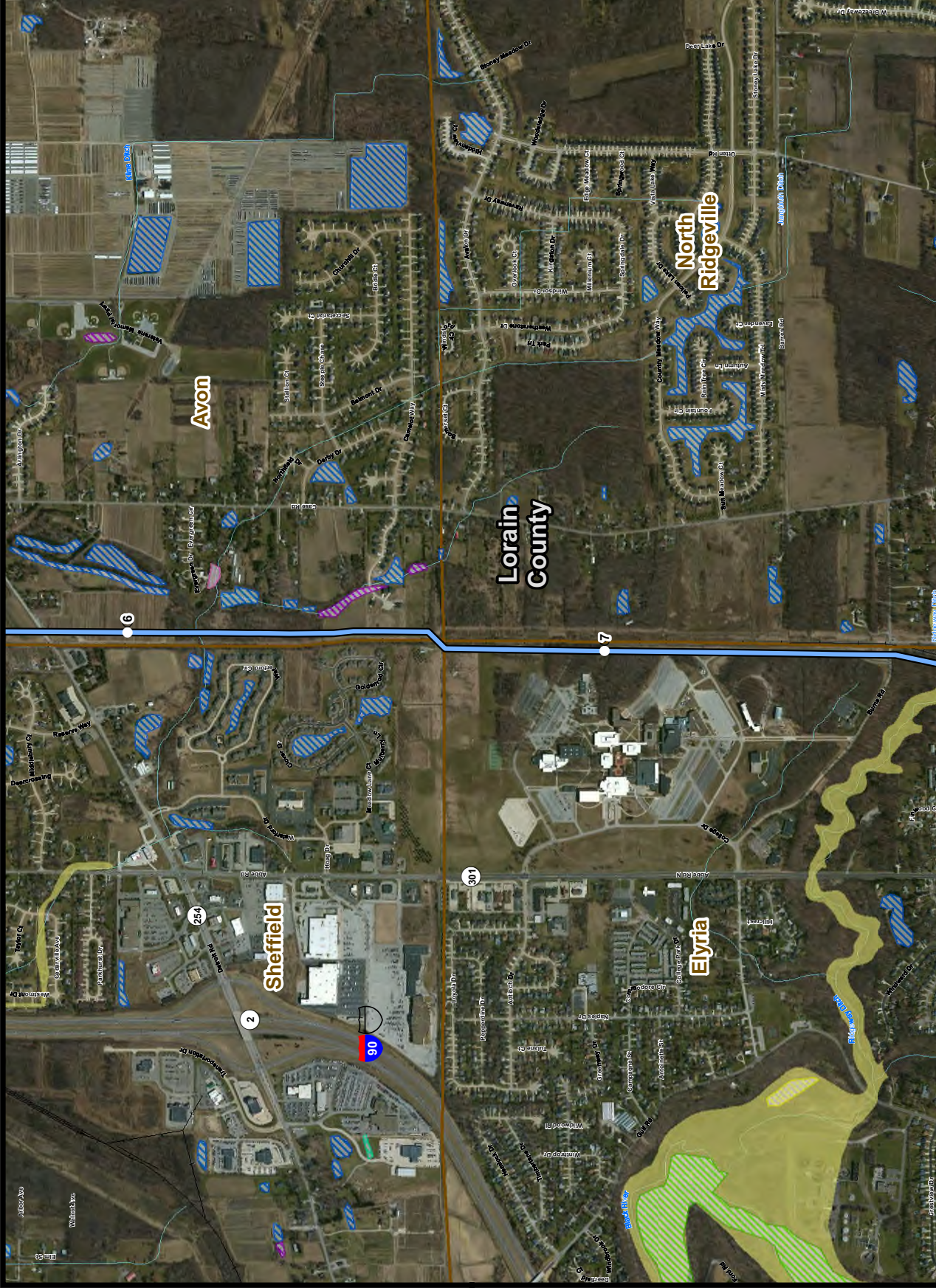
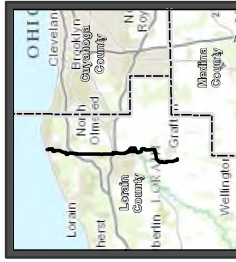
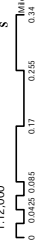
Legend

- Above Ground Representative Project Route
- Below Ground Representative Project Route
- Alternative Route Segment
- Mile Post Location
- 100 Year Floodplain
- Lake
- River/Stream
- NWI Wetland
- LUBH
- PABG
- PEM
- PROFSS
- PFOI
- PSS/PEM
- PSS
- PUB
- County Boundary
- Political Township Boundary
- Municipal Boundary
- Railroad
- Roads
 - Interstate
 - US Highway
 - State Highway

Avon Lake Survey: Stevens, East, Deane, NORTON, Inc.,
Trenton, Ontario, P.C. USGS, FAO, NPS, NRCAN,
Geobase, IGN, Kadaster NL, Ordnance Survey, Esri,
DeLorme, Swisstopo, Mapbox, Mapbox, Mapbox,
Community

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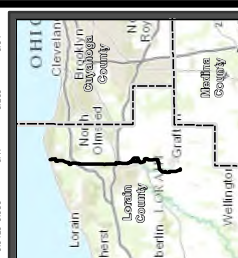
Figure 6 – Surface Water Resources

Legend

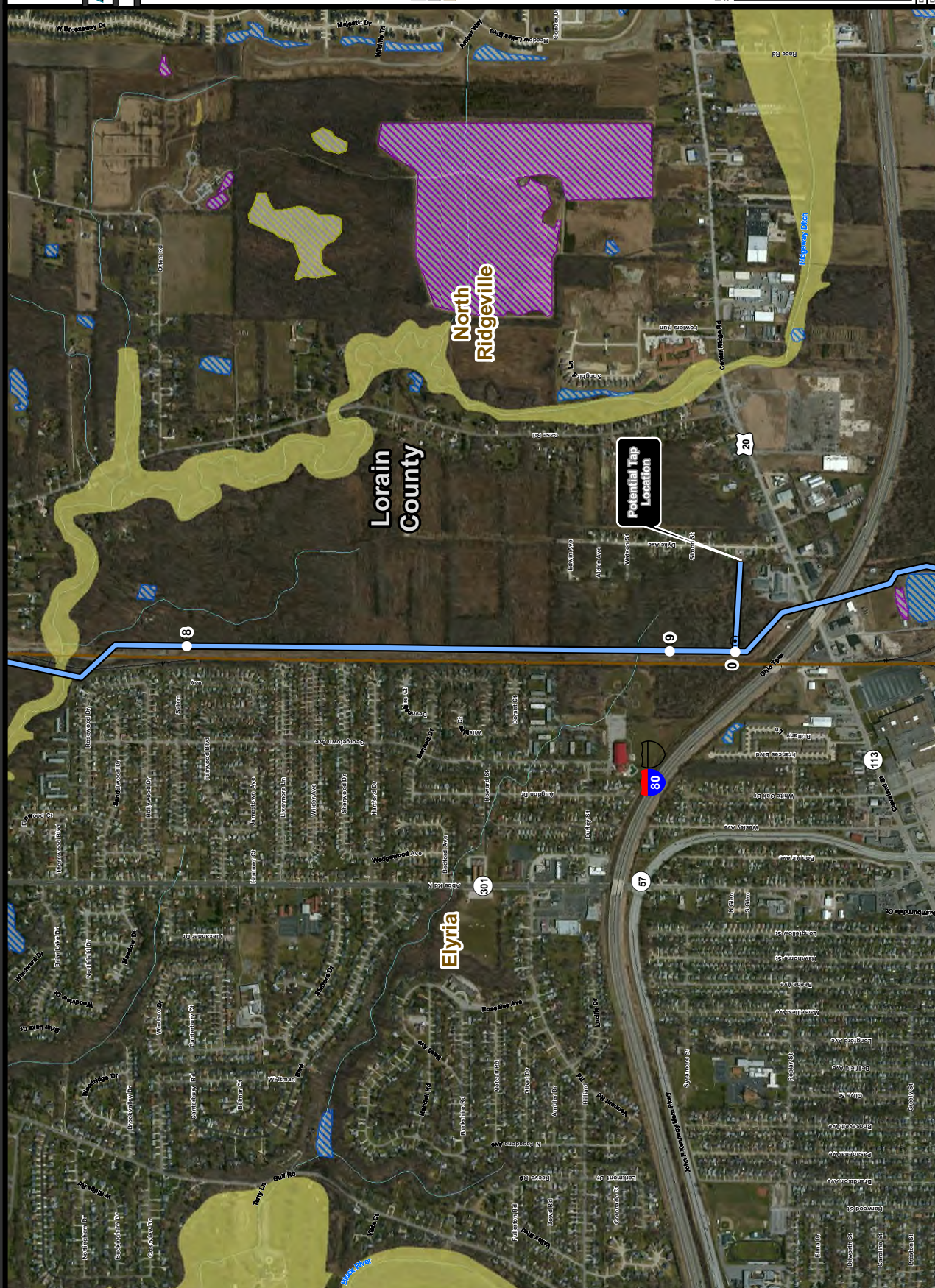
-
- Above Ground Representative Project Route
 - Below Ground Representative Project Route
 - Alternative Route Segment
 - Mile Post Location
 - 100 Year Floodplain
 - Lake
 - River/Stream
 - NWI Wetland
 - LUBH
 - PABG
 - PEM
 - PRO/FSS
 - PFO1
 - PSS/PEM
 - PSS
 - PUB
 - County Boundary
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 - US Highway
 - State Highway
 - Railroad

Aerial Photo Source: Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, iPC, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), and the GIS User Community

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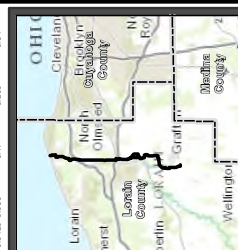
Figure 6 – Surface Water Resources

Legend

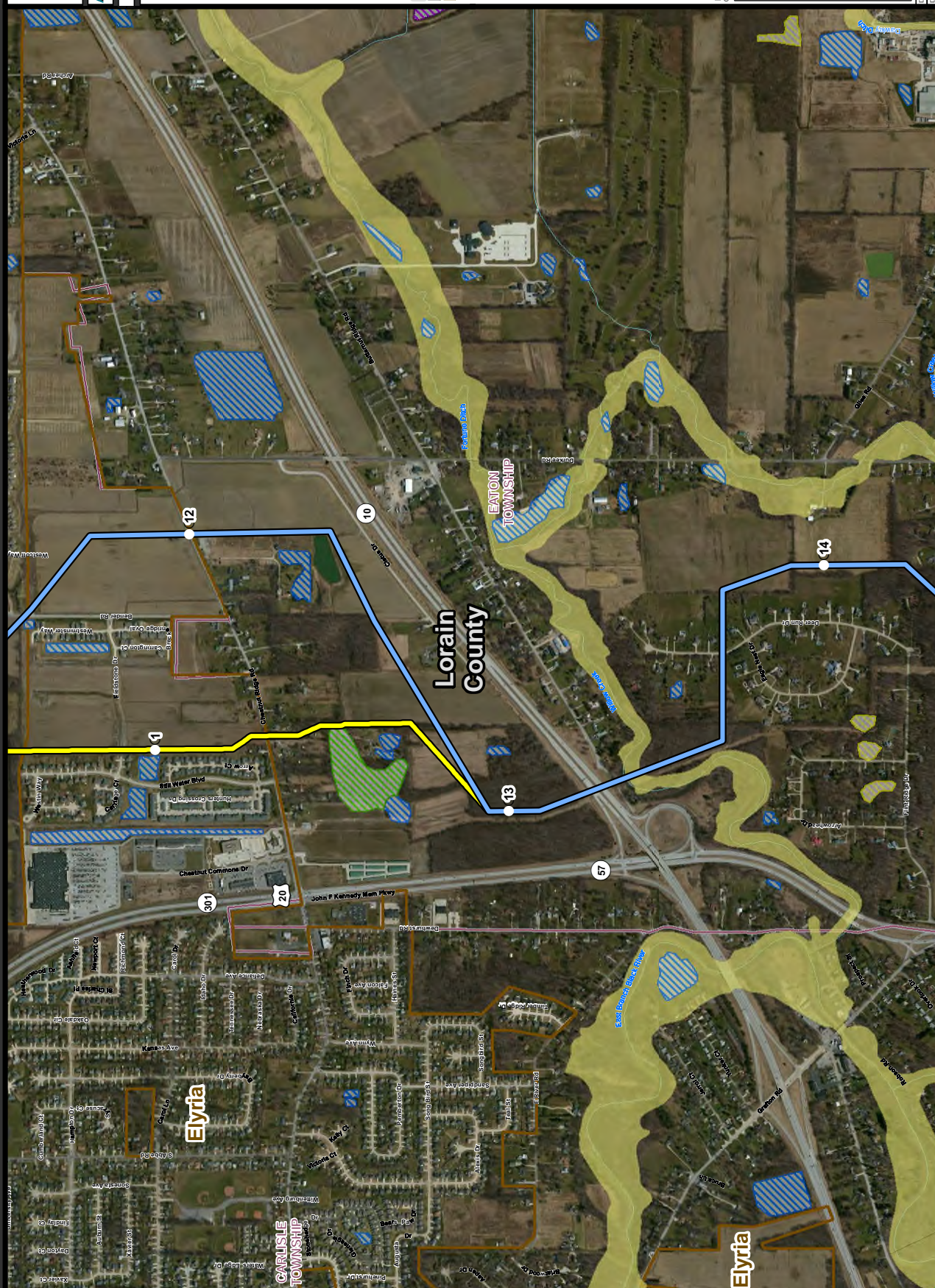
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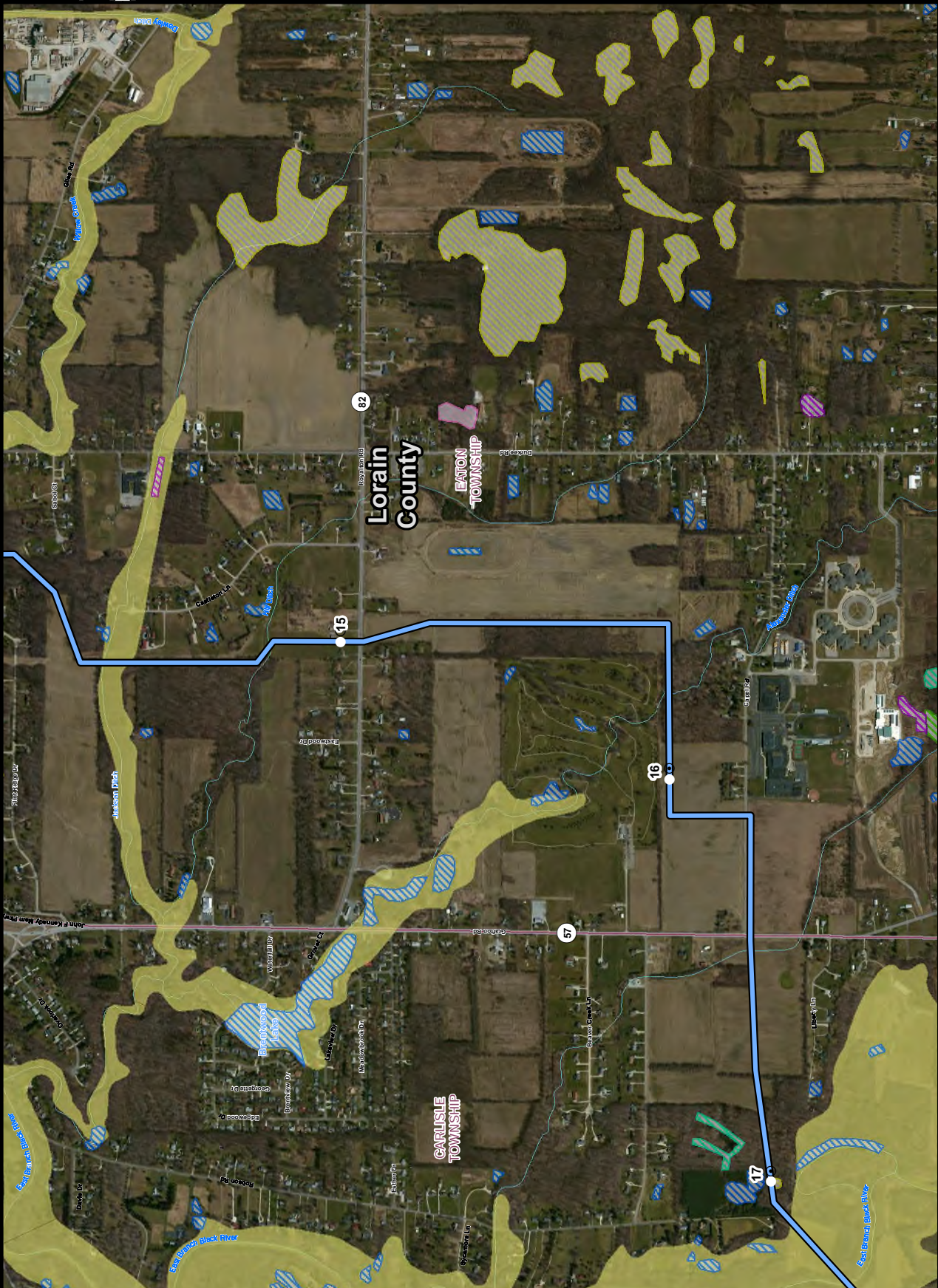
Aerial Photo Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, iPC, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), and the GIS User Community

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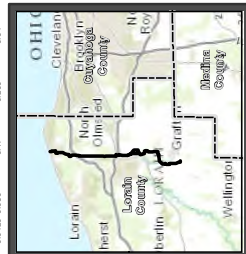
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Aerial Photo Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, iPC, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), and the GIS User Community

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AVON LAKE GAS ADDITION PROJECT

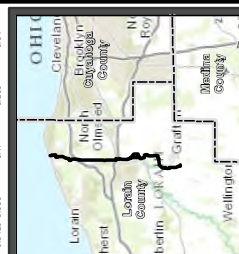
Figure 6 – Surface Water Resources

Legend

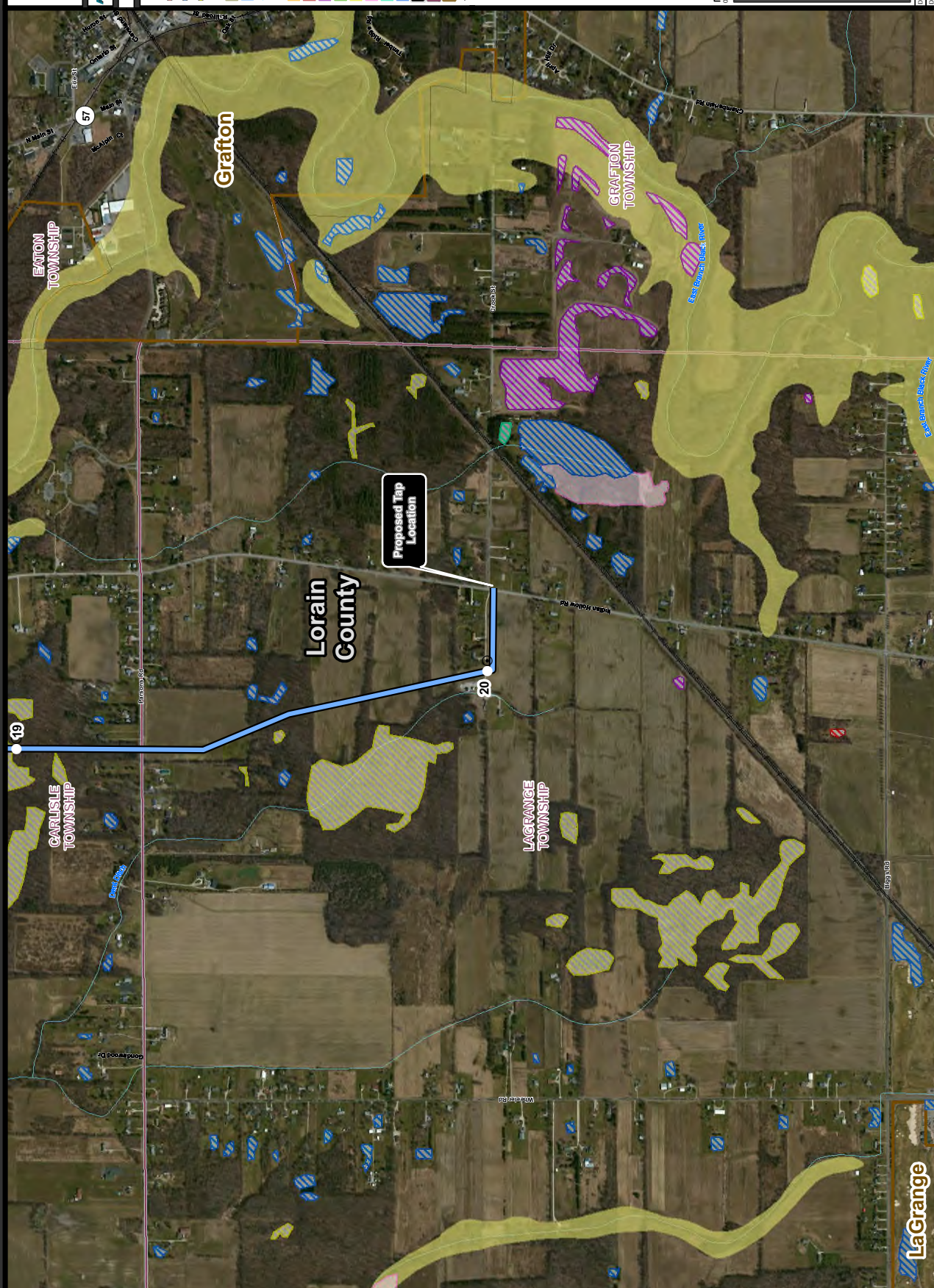
-
- Above Ground Representative Project Route
 - Below Ground Representative Project Route
 - Alternative Route Segment
 - Mile Post Location
 - 100 Year Floodplain
 - Lake
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 - County Boundary
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Appendix B

Comprehensive Environmental Route Analysis Table

Route	Analysis Corridor Width (Feet)	Analysis Corridor Length (Miles)	Analysis Corridor Area ¹ (Acres)	Airports (No.)	VOR ² (No.)	Antenna (No.)	Day Cares (No.)
Representative Project Route	100	19.4	244.6	0	0	0	0
Alternate Route Segment	100	1.8	21.8	0	0	0	0
Comparable Portion of Representative Project Route	100	2.2	27.4	0	0	0	0

¹. The corridor acres value was derived in GIS and may conservatively encompass additional acreage at either end of each route. Estimating corridor acreage based on corridor length and width values as provided herein may result in a slightly different value.

². A VOR (Very high frequency Omni-directional Range) facility is an air navigation aide.

³. Wetlands include publicly available National Wetland Inventory (NWI) wetlands.

Water Well (No.)	Stream (No.)	Lakes			Floodplains		National Wetland Inventory ³			Prime Farmland		Zoning Residential	
		(No.)	(Acres)	(Percent)	(Acres)	(Percent)	(No.)	(Acres)	(Percent)	(Acres)	(Percent)	(Acres)	(Percent)
5	13	4	0.6	0.3%	8.8	3.6%	8	0.9	0.4%	14.4	5.9%	172.3	70.4%
0	1	0	0.0	0.0%	0.0	0.0%	1	0.1	0.4%	0.5	2.5%	15.1	69.2%
0	1	0	0.0	0.0%	0.0	0.0%	1	0.0	0.0%	0.8	3.1%	15.7	57.4%

Zoning Commercial/Business		Zoning Industrial		Zoning Recreation/Open Space		Wooded Areas		Agricultural Areas	
(Acres)	(Percent)	(Acres)	(Percent)	(Acres)	(Percent)	(Acres)	(Percent)	(Acres)	(Percent)
23.2	9.5%	45.7	18.7%	1.6	0.7%	102.0	41.7%	57.8	23.6%
6.7	30.9%	0.0	0.0%	0.0	0.0%	4.0	18.1%	10.8	49.5%
11.7	42.6%	0.0	0.0%	0.0	0.0%	0.9	3.3%	16.3	59.6%

Cemetery			Church			School			Impaired Water Line (No.)	Oil Well (No.)	Oil Field			Section 10 Navigable Water (No.)
(No.)	(Acres)	(Percent)	(No.)	(Acres)	(Percent)	(No.)	(Acres)	(Percent)			(No.)	(Acres)	(Percent)	
0	0.0	0.0%	0	0.0	0.0%	1	10.3	4.2%	11	2	3	28.4	11.6%	0
0	0.0	0.0%	0	0.0	0.0%	0	0.0	0.0%	1	0	0	0.0	0.0%	0
0	0.0	0.0%	0	0.0	0.0%	0	0.0	0.0%	1	0	0	0.0	0.0%	0

National River Inventory (No.)	DNR Land		Impaired Water Area		County Metro Park	
	(Acres)	(Percent)	(Acres)	(Percent)	(Acres)	(Percent)
0	0.0	0.0%	0.0	0.0%	3.8	1.6%
0	0.0	0.0%	0.0	0.0%	0.0	0.0%
0	0.0	0.0%	0.0	0.0%	0.0	0.0%

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in

Case No(s). 14-1717-GA-BLN

Summary: Text Supplement to NRG Ohio Pipeline Company, LLC Letter of Notification - Attachment B Part 2 electronically filed by Teresa Orahod on behalf of Thomas O'Brien