



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
25	WL022 (1109-05)	Southwest	11/09/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
26	WL023 (1109-07)	Southwest	11/09/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
27	WL023 (1109-07)	West	11/09/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
28	WL024 (1109-10)	Southwest	11/09/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
29	WL025 (1107-20)	Southwest	11/07/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
30	WL026 (1107-22)	West	11/07/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
31	WL026 (1107-22)	West	11/07/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
32	WL026 (1107-22)	South	11/07/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
33	WL027 (1107-24)	North	11/07/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
34	WL028 (1107-26)	Northwest	11/07/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
35	WL029 (1107-28)	South	11/07/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
36	WL030 (1107-17)	North	11/07/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
37	WL030 (1107-15)	East	11/07/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
38	WL030 (1107-13)	West	11/07/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
39	WL031 (1107-18)	East	11/07/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
40	WL032 (1107-01)	South	11/07/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
41	WL033 (1107-04)	West	11/07/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
42	WL033 (1107-05)	West	11/07/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
43	WL033 (1107-07)	Northeast	11/07/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
44	WL034 (1107-08)	East	11/07/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
45	WL035 (1107-09)	West	11/07/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
46	WL036 (1107-11)	South	11/07/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
47	WL037 (1106-10)	West	11/06/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
48	WL038 (1106-12)	West	11/06/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
49	WL039 (1106-01)	West	11/06/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
50	WL040 (1106-02)	West	11/06/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
51	WL041 (1106-05)	North	11/06/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
52	WL042 (1106-07)	East	11/06/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
53	WL043 (1106-19)	South	11/06/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
54	WL044 (1106-08)	Northwest	11/06/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
55	WL045 (1106-15)	West	11/06/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
56	WL046 (1106-17)	West	11/01/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
57	WL047 (1101-11) and WL048 (1101-12)	North	11/01/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
58	WL049 (1101-13)	South	11/01/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
59	WL050 (1101-14)	Northeast	11/01/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
60	WL050 (1101-14)	Northwest	11/01/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
61	WL051 (1105-01)	Northeast	11/05/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
62	WL052 (1105-03)	East	11/05/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
63	WL053 (1105-0610)	Northwest	11/05/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
64	WL064 (1105-07)	West	11/05/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
65	WL055 (1105-10)	Northeast	11/05/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
66	WL056 (1105-11)	South	11/05/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
67	WL057 (1105-13)	South	11/05/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
68	WL058 (1105-15)	Southwest	11/05/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
69	WL059 (1105-17)	East	11/05/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
70	WL060 (1105-19)	North	11/05/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
71	WL061 (1105-21)	South	11/05/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
72	WL062 (1105-23)	Northeast	11/05/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
73	WL063 (1105-25)	South	11/05/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
74	WL064 (1105-28)	Northwest	11/05/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
75	WL065 (1105-31)	Northwest	11/05/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
76	WL066 (1105-34)	West	11/05/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
77	WL067 (1101-10)	East	11/01/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
78	WL068 (1101-09)	Northwest	11/01/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
79	WL069 (1101-08)	South	11/01/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
80	WL070 (1101-04)	North	11/01/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
81	WL071 (1101-03)	East	11/01/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
82	WL072 (1101-02)	Southeast	11/01/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
83	WL073 (1031-19)	East	10/31/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
84	WL074 (1031-22)	East	10/31/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
85	WL075 (1031-25)	Northwest	10/31/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
86	WL076 (1031-27)	Northwest	10/31/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
87	WL077 (1031-31)	South	10/31/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
88	WL078 (1031-33)	Northwest	10/31/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
89	WL079 (1031-13)	South	10/31/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
90	WL080 (1031-15)	West	10/31/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
91	WL081 (1031-16)	South	10/31/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
92	WL082 (1031-17)	South	10/31/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
93	WL083 (1031-18)	West	10/31/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
94	W3084 (1031-01)	West	10/31/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
95	W3085 (1031-03)	North	10/31/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
96	WL086 (1031-04)	North	10/31/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
97	WL087 (1031-05)	East	10/31/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
98	WL 088 (1031-07)	Southeast	10/31/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
99	WL089 (1031-08)	Northwest	10/31/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
100	WL090 (1031-11)	Northwest	10/31/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
101	WL091 (1030-20)	East	10/30/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
102	WL092 (1031-18)	South	10/30/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
103	WL093 (1030-16)	West	10/30/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
104	WL094 (1030-14)	Northwest	10/30/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
105	WL095 (1030-02)	West	10/30/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
106	WL096 (1030-04)	Southwest	10/30/2018



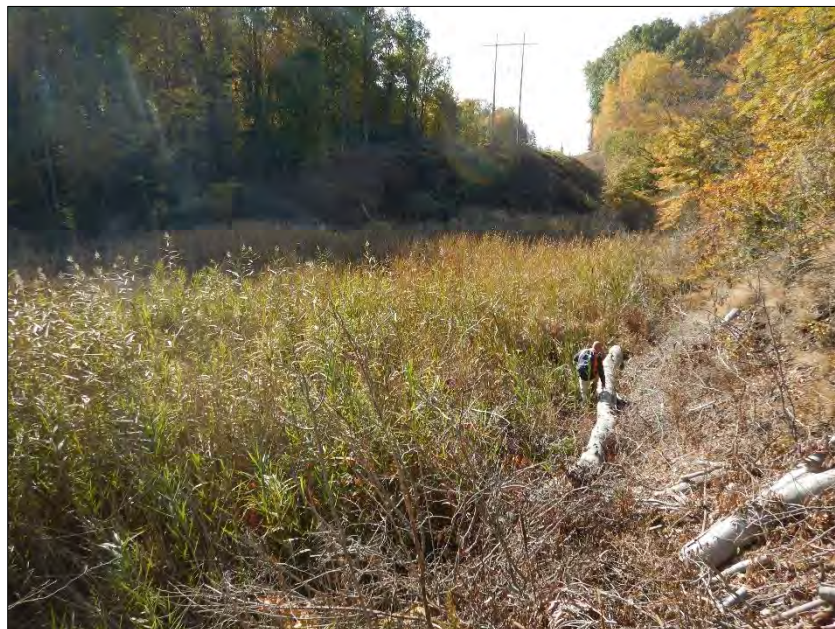


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107	WL097 (1030-07)	East	10/30/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
108	WL098 (1030-08)	North	10/30/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
109	WL099 (1030-11)	West	10/30/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
110	WL100 (1029-13)	Northwest	10/29/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
111	WL101 (1029-15)	West	10/29/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
112	WL102 (1029-17)	Northwest	10/29/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
113	WL103 (1029-20)	West	10/29/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
114	WL104 (1029-09)	West	10/29/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
115	WL105 (1029-01)	East	10/29/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
116	WL106 (1029-03)	North	10/29/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
117	WL107 (1029-05)	Northwest	10/29/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
118	WL108 (1029-08)	Northwest	10/29/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
119	Stream 01 (1108-01)	South	11/08/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
120	Stream 02 (1108-19)	Northwest	11/08/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
121	Stream 03 (1108-39)	West	11/08/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
122	Stream 04 (1108-36)	West	11/08/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
123	Stream 05 (1108-35)	West	11/08/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
124	Stream 06 (1109-04)	South	11/09/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
125	Stream 07 (1109-08)	West	11/09/2018



Photograph ID	Report ID	Photograph Direction	Photograph Date
126	Mahoning River (RM 59)	Northeast	11/09/2018





Photograph ID	Report ID	Photograph Direction	Photograph Date
127	Kale Creek (RM 2.28)	West	11/07/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
128	Stream 08 (1107-14)	Northeast	11/07/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
129	Stream 09 (1107-12)	West	11/07/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
130	Stream 10 (1106-A)	South	11/06/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
131	Stream 11 (1106-14)	West	11/06/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
132	Stream 12 (1106-04)	West	11/06/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
133	Stream 13 (1101-16)	South	11/01/2018



Photograph ID	Report ID	Photograph Direction	Photograph Date
134	West Branch Mahoning River (RM 11.74)	North	11/1/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
135	Stream 14 (1105-05)	Northeast	11/05/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
136	Stream 15 (1105-09)	South	11/05/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
137	Stream 16 (1105-20)	North	11/05/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
138	Stream 17 (1105-27)	South	11/05/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
139	Stream 18 (1105-29)	South	11/05/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
140	Stream 19 (1105-33)	South	11/05/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
141	Stream 20 (1101-07)	Northeast	11/01/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
142	Stream 21 (1101-05)	Southeast	11/01/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
143	Stream 22 (1101-06)	East	11/01/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
144	Stream 23 (1101-01)	Southeast	11/01/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
145	Stream 24 (1031-21)	East	10/31/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
146	Stream 25 (1031-24)	East	10/31/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
147	Stream 26 (1031-29)	South	10/31/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
148	Stream 27 (1031-30)	South	10/31/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
149	Stream 28 (1031-32)	South	10/31/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
150	Stream 29 (1031-14)	South	10/31/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
151	Stream 30 (1031-06)	Southwest	10/31/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
152	Stream 31 (1031-09)	Northwest	10/31/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
153	Stream 32 (1031-12)	Northwest	10/31/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
154	Stream 33 (1030-01)	North	10/30/2018





Photograph ID	Report ID	Photograph Direction	Photograph Date
155	West Branch Mahoning River (RM 19.7)	South	10/30/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
156	Anabranh to West Branch Mahoning River (1030-A)	Southwest	10/30/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
157	Stream 34 (1030-09)	West	10/30/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
158	Stream 35 (1030-12)	Northeast	10/30/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
159	Stream 36 (1030-13)	Southeast	10/30/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
160	Stream 37 (1029-A)	North	10/29/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
161	Stream 38 (1029-19)	Southeast	10/29/2018



Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
162	Stream 39 (1029-11)	West	10/29/2018





Photograph ID	Report ID (FID)	Photograph Direction	Photograph Date
163	Stream 40 (1029-22)	East	10/29/2018



Photograph ID	Feature ID	Photograph Direction	Photograph Date
164	Pond 1	North	11/09/2018





Photograph ID	Feature ID	Photograph Direction	Photograph Date
165	Pond 2	South	11/07/2018



Photograph ID	Feature ID	Photograph Direction	Photograph Date
166	Michael J. Kirwan Reservoir	West	11/05/2018





Photograph ID	Feature ID	Photograph Direction	Photograph Date
167	Michael J. Kirwan Reservoir	West	10/31/2018



Photograph ID	Feature ID	Photograph Direction	Photograph Date
168	Pond 3	East	10/29/2018





Photograph ID	Feature ID	Photograph Direction	Photograph Date
169	Pond 4	West	11/07/2018



Photograph ID	Feature ID	Photograph Direction	Photograph Date
170	Pond 5	Southeast	10/29/2018



## Appendix C List of Preparers



## Ann Schweitzer, Environmental Scientist

Ms. Schweitzer is an Environmental Scientist with GPD Group. She has experience with field data collection, ecological surveys, and Environmental Site Assessment (ESA) projects. Ann assists in coordination efforts with the State Historic Preservations Office (SHPO), Ohio Environmental Protection Agency (OEPA), the U.S. Fish and Wildlife Service (USFWS) and various Divisions of Ohio Department of Natural Resources (ODNR) to complete file reviews and natural heritage database reviews. She also assists in the preparation of technical documents.

### Special Training

Course/Program	Date Completed
Ecological Training – Ohio Department of Transportation	November 2012
Waterway Permits Training – Ohio Department of Transportation	November 2012
Wetland Delineation with Emphasis on Soils and Hydrology– Wetland Training Institute	June 2013
Categorical Exclusion (CE) Training– Ohio Department of Transportation	April 2014
Environmental Site Assessment (ESA) Training – Ohio Department of Transportation	May 2014
Habitat Assessment Using the Qualitative Habitat Evaluation Index – Midwest Biodiversity Institute	May 2014
Sedge Identification Workshop – Ohio Wetland Association	June 2014
Wetland Plant Identification – Dr. Robert Mohlenbrock	September 2014
Section 106 Training – Ohio Department of Transportation	September 2014
Section 4(f)/6(f) Training – Ohio Department of Transportation	October 2014
Phase I & II Environmental Site Assessment Processes – ASTM International	November 2014
OSHA 40-Hour Health and Safety Training – Cincinnati State	December 2014
Approved Mussel Surveyor – Ohio Department of Natural Resources	February 2015
QDC Level 2 for the Surface Water Credible Data Program – Ohio EPA	November 2015
Ohio Rapid Assessment Method for Wetland v5.0 Training Course – Ohio EPA	May 2015
Trees of the Eastern Forest – Arc of Appalachia Preserve System: The Forest School	July 2015
Public Involvement Training - Ohio Department of Transportation	February 2016
Freshwater Mussel Identification Workshop – The Ohio State University	April 2016



## Brian Loushin, Environmental Scientist

Mr. Loushin is an Environmental Scientist with GPD Group. He has experience with field data collection, ecological surveys, and Environmental Site Assessment (ESA) projects. Brian assists in coordination efforts with the State Historic Preservations Office (SHPO), Ohio Environmental Protection Agency (OEPA), the U.S. Fish and Wildlife Service (USFWS) and various Divisions of Ohio Department of Natural Resources (ODNR) to complete file reviews and natural heritage database reviews. He also assists in the preparation of technical documents.

### Special Training

Course/Program	Date Completed
The University of Akron, Leaders at All Levels	March 2014
OSHA 40-Hour Health and Safety Training – Cincinnati State	December 2014
Wetland Delineation Training Course – Midwest Biodiversity Institute	April 2015
Ohio Rapid Assessment Method for Wetland v5.0 Training Course – Ohio Environmental Protection Agency	May 2015
State of Ohio Asbestos Hazard Evaluation Specialist	November 2017
Asbestos Management Planner Course – Training Services International	November 2017
Asbestos Building Inspector Course – Training Services International	November 2017
Ohio Department of Transportation OES – Ecological Training Course	March 2018

## Eric Lopez, Environmental Scientist

Eric Lopez is an Environmental Scientist with GPD and has over 10 years of experience conducting a variety of environmental investigations. He specializes in conducting Phase I and Phase II Environmental Site Assessments, and Asbestos Inspections of properties for a variety of clients in the private development, telecommunications, and transportation industries. He has conducted a vast number of literature reviews and field activities for the private and public sector, and has with multiple Federal and State level agencies across the United States. Eric also assists in the technical fieldwork, data collection, and report preparation on many complex environmental projects for the Ohio Department of Transportation.

### Certifications/Licensures

State of Ohio Certified Asbestos Building Inspector/Management Planner

State of Indiana Certified Asbestos Building Inspector/Management Planner

### Special Training

Course/Program	Date Completed
Certified Erosion Sediment and Storm Water Inspector	March 2013
Asbestos Hazard Evaluation Specialist	April 2018
OSHA-40 Hr. HAZWOPER	March 2000
OSHA-8 Hr. Refresher	February 2019
ODOT-Categorical Exclusion	October 2018
ODOT-Section 106	September 2013
ODOT-Purpose and Need	November 2013
CMCSI	April 2013
Asbestos Building Inspector	April 2018
Asbestos Management Planner	April 2018
Prequalified to perform Group 1 reconnaissance for mussels	July 2016



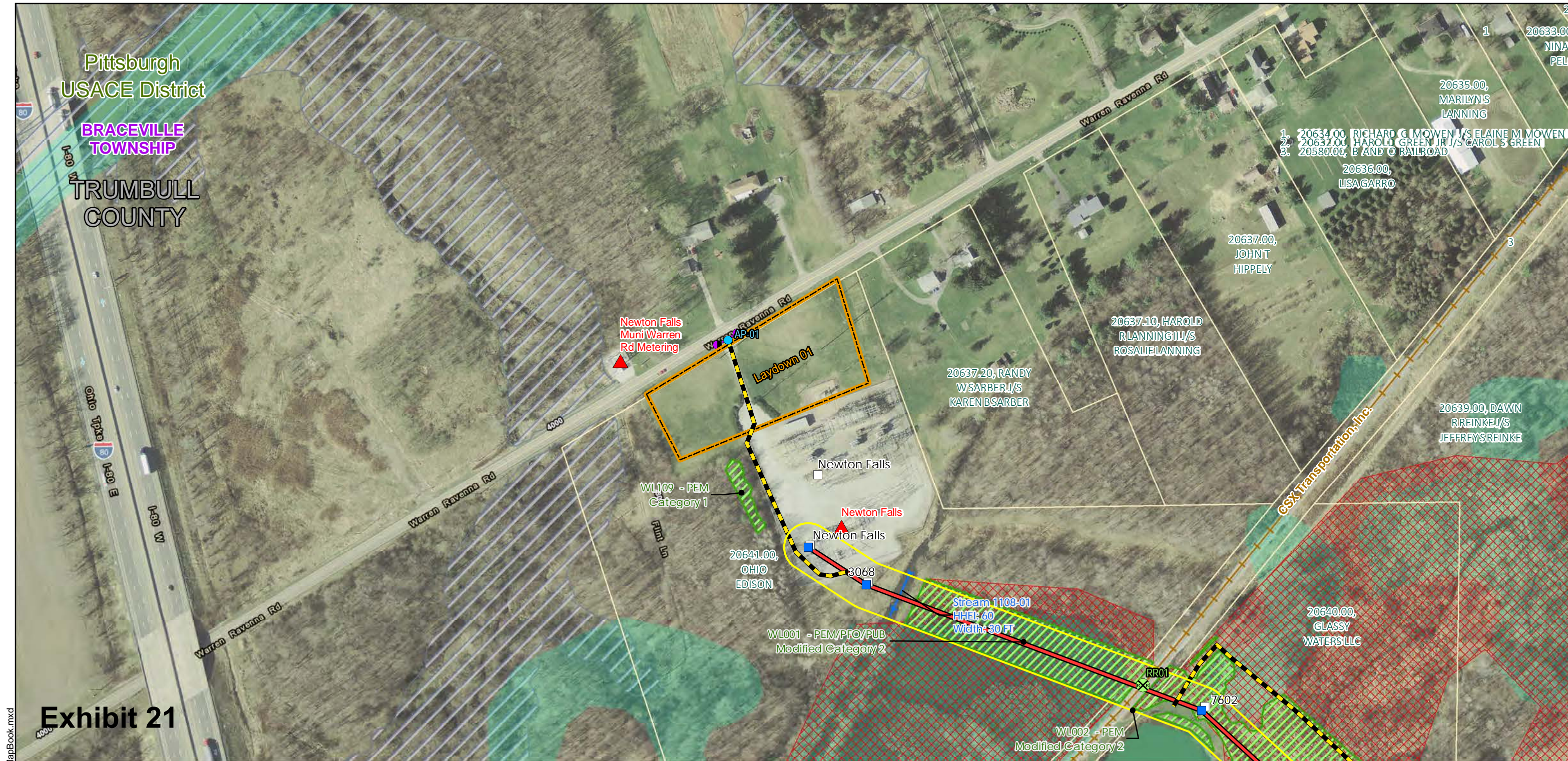
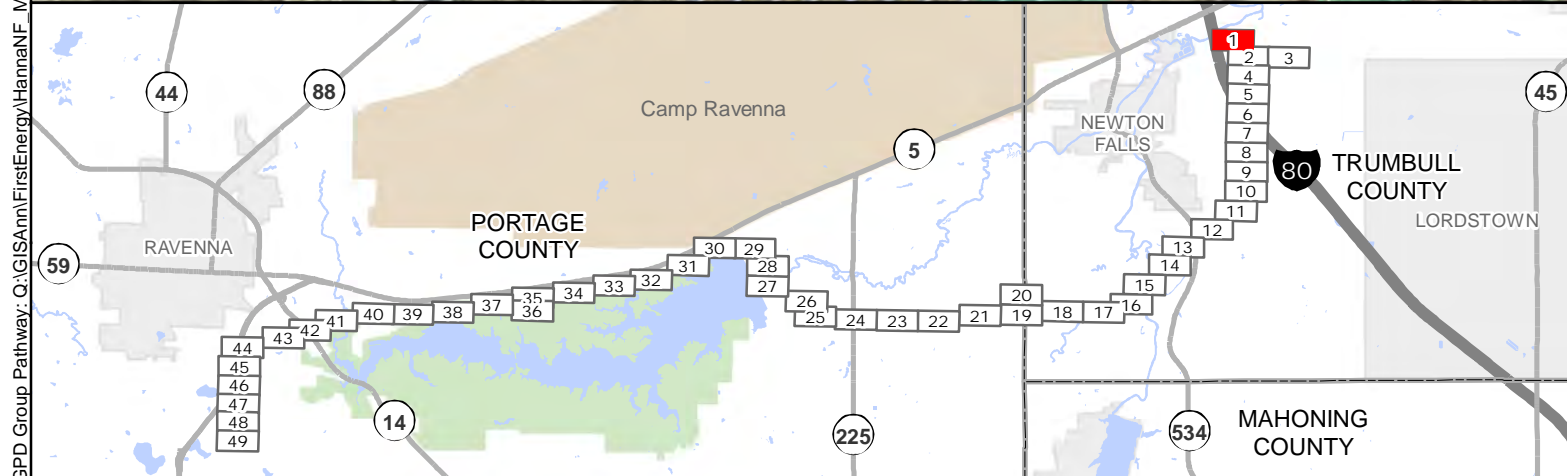


Exhibit 21

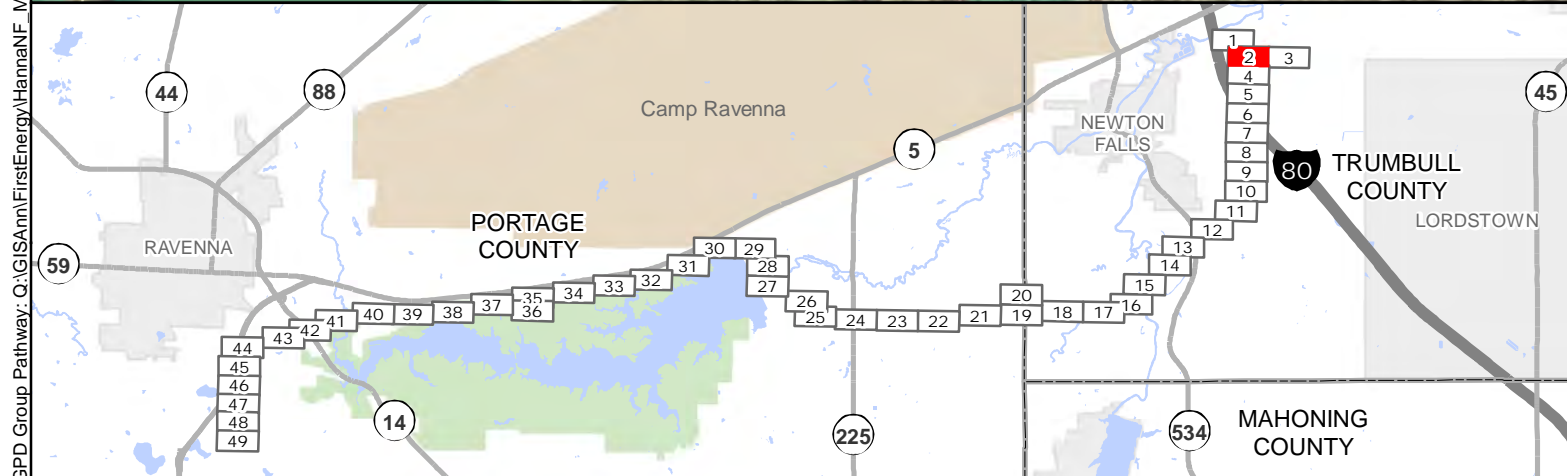
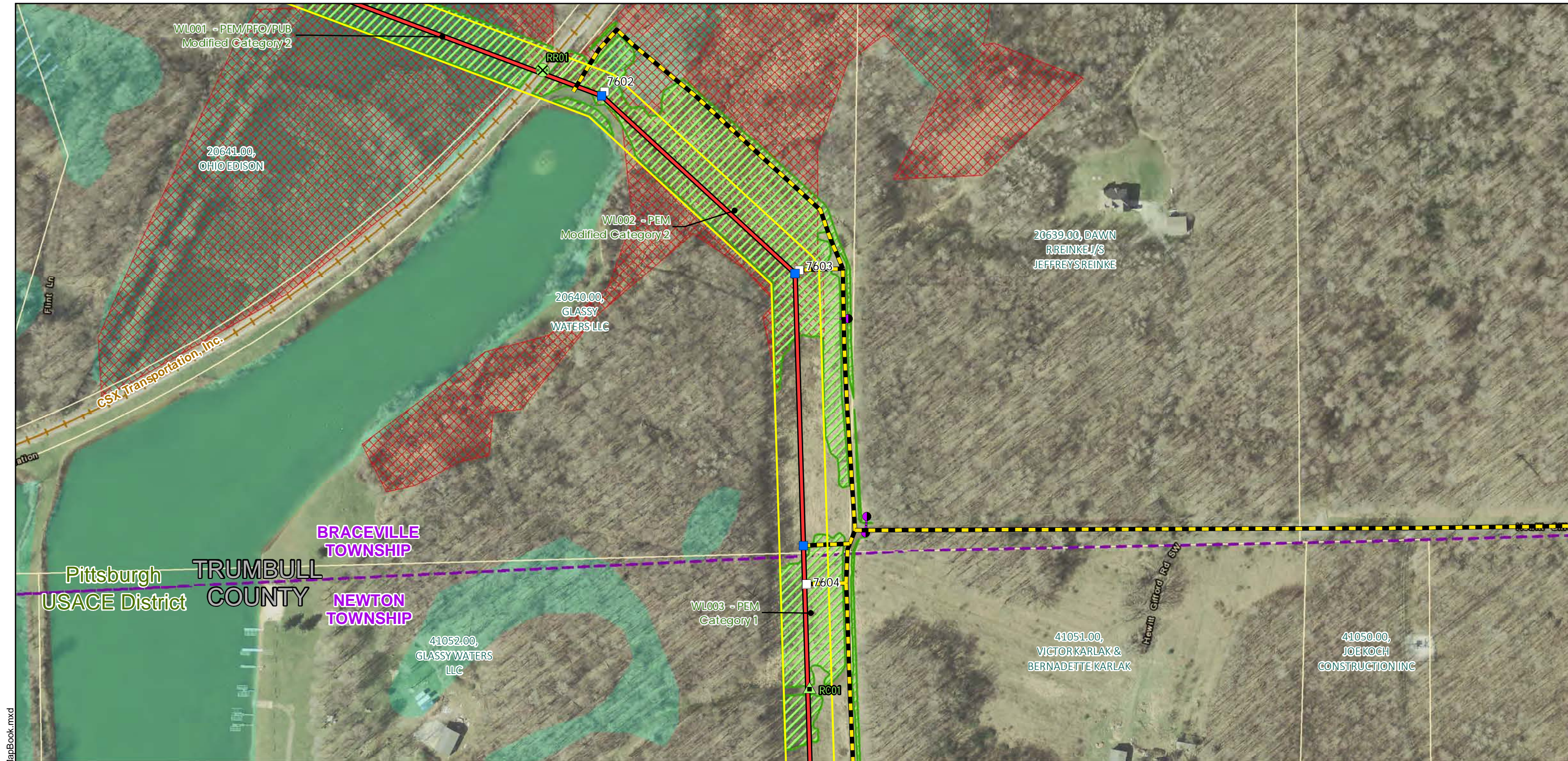


	Existing Structure		Existing Substation		Access Road Entrance		Utility (Observed in Field)		Delineated Wetland		Railroad
	Proposed Structure		Road Crossing		Proposed Access Road		Utility (Based on NPMS Public Map Viewer)		Wetland (NWI)		Impacted Parcel
	H-Frame Steel Structure		Park Road Crossing		Potential Pull Site		Delineated Stream		Delineated Pond		Municipality
	Route Alignment		USACE Road Crossing		Potential Guard Location		Ephemeral		100yr Floodplain		Township
	100ft Survey Corridor		Railroad Crossing		Potential Laydown Yard		Intermittent		Sensitive Resource		County
							Perennial		Culvert (Inlet/Outlet)		USACE District
									Culvert		

FirstEnergy  
Ohio Edison  
Hanna-Newton Falls 138kV  
Preliminary Construction Mapbook

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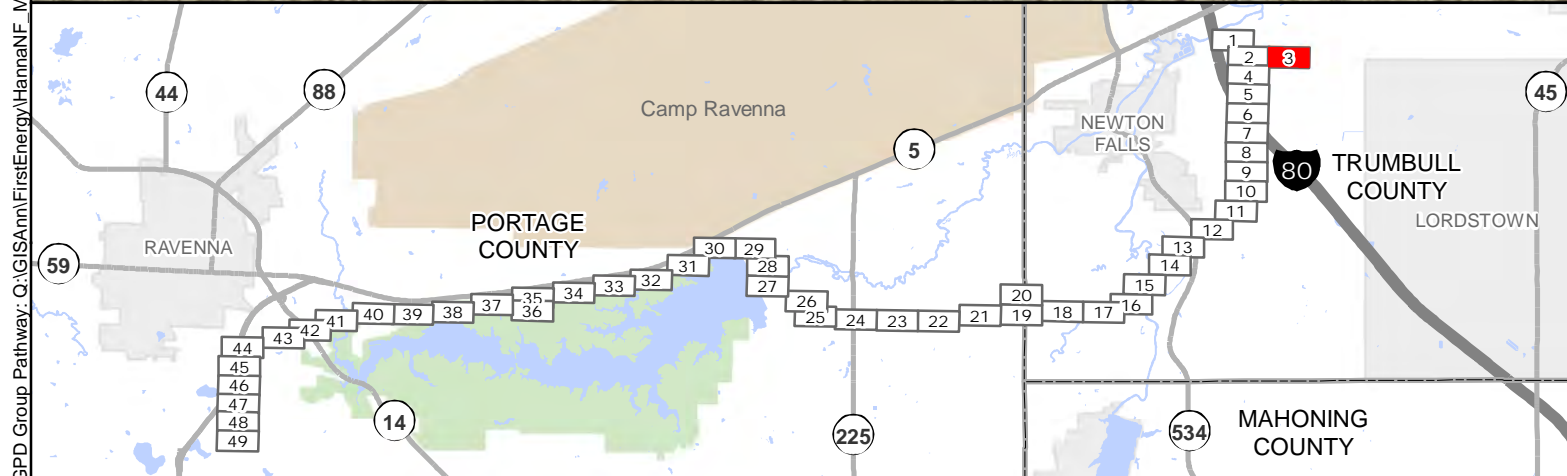
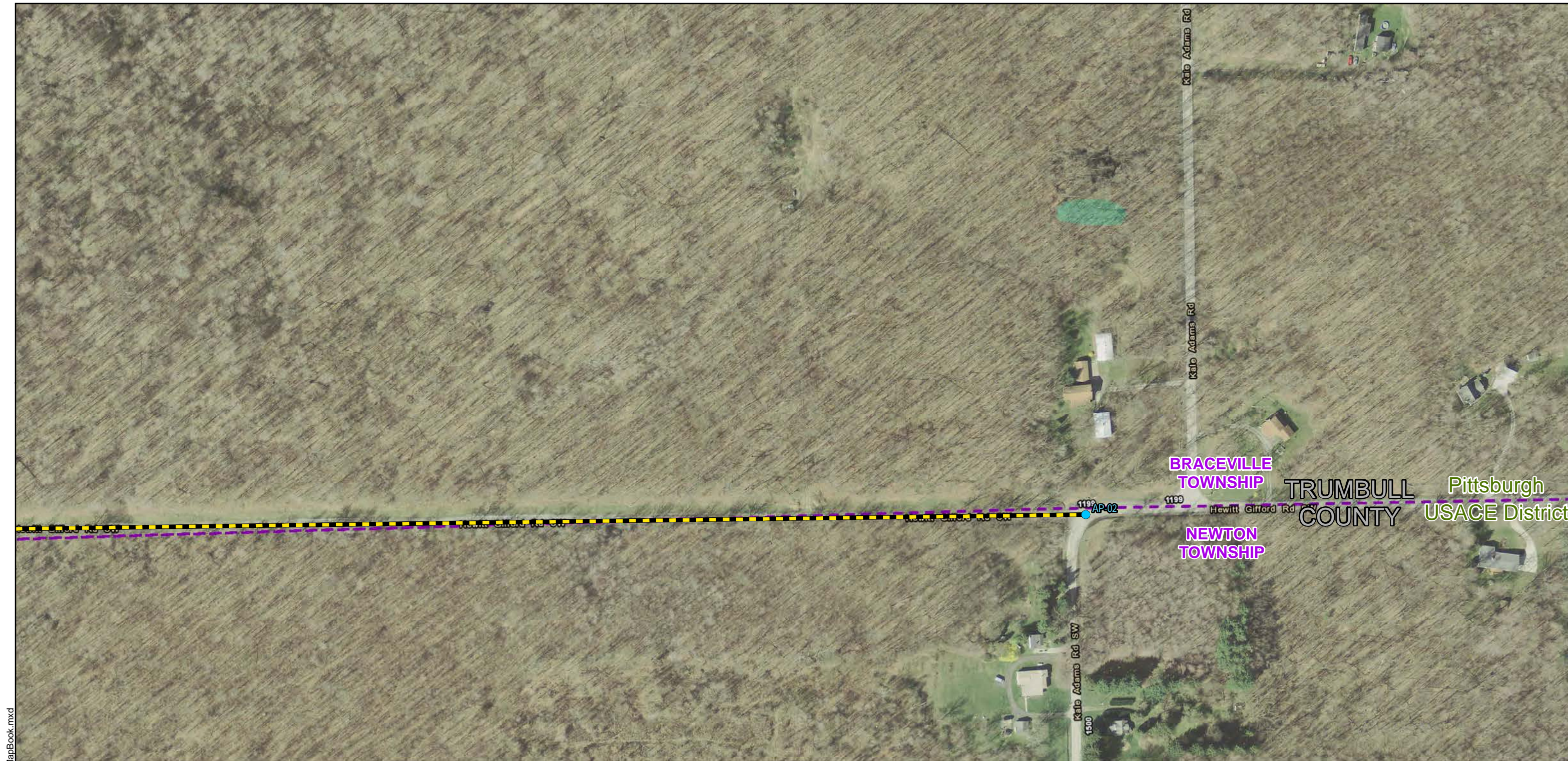
	Existing Structure		Existing Substation		Access Road Entrance		Utility (Observed in Field)		Delineated Wetland		Railroad
	Proposed Structure		Road Crossing		Proposed Access Road		Utility (Based on NPMS Public Map Viewer)		Wetland (NWI)		Impacted Parcel
	H-Frame Steel Structure		Park Road Crossing		Potential Pull Site		Delineated Stream		Delineated Pond		Municipality
	Route Alignment		USACE Road Crossing		Potential Guard Location		Ephemeral		100yr Floodplain		Township
	100ft Survey Corridor		Railroad Crossing		Potential Laydown Yard		Intermittent		Sensitive Resource		County
							Perennial		Culvert (Inlet/Outlet)		USACE District
									Culvert		

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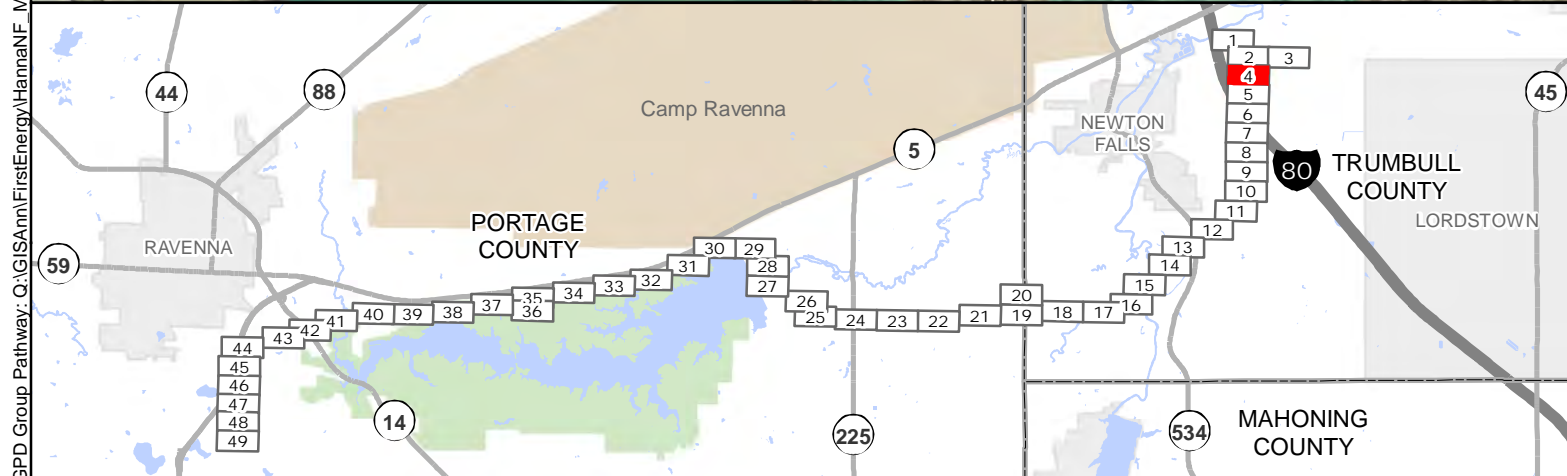
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	100ft Survey Corridor		Railroad Crossing		Potential Laydown Yard		Intermittent
							Perennial
							Delineated Wetland
							Wetland (NWI)
							Delineated Pond
							100yr Floodplain
							Sensitive Resource
							Culvert (Inlet/Outlet)
							Culvert
							Railroad
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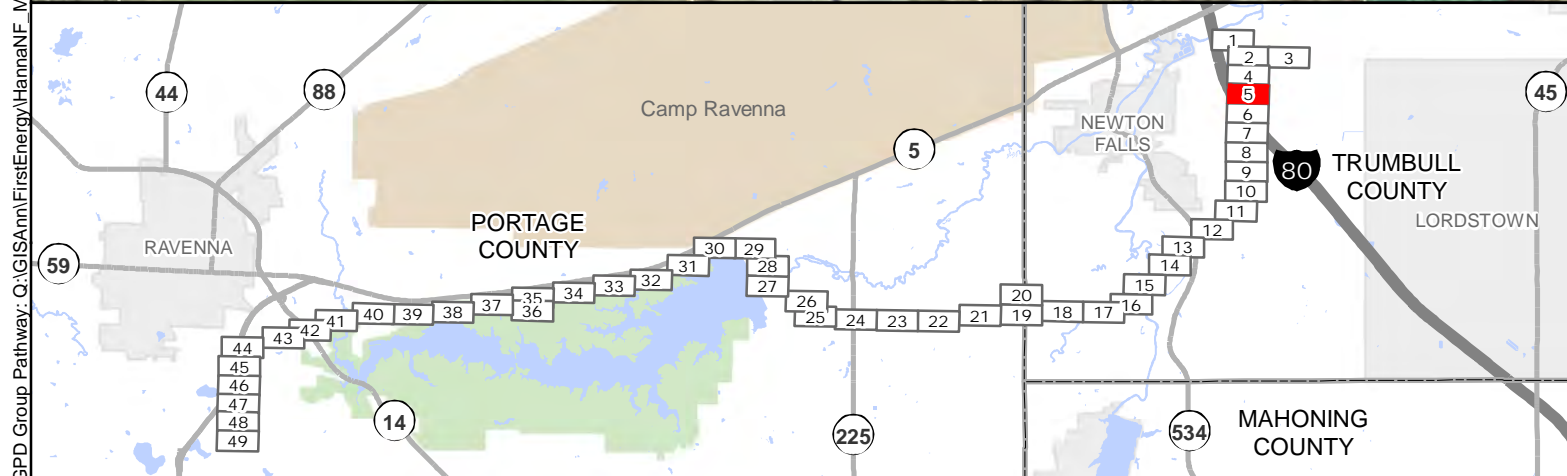
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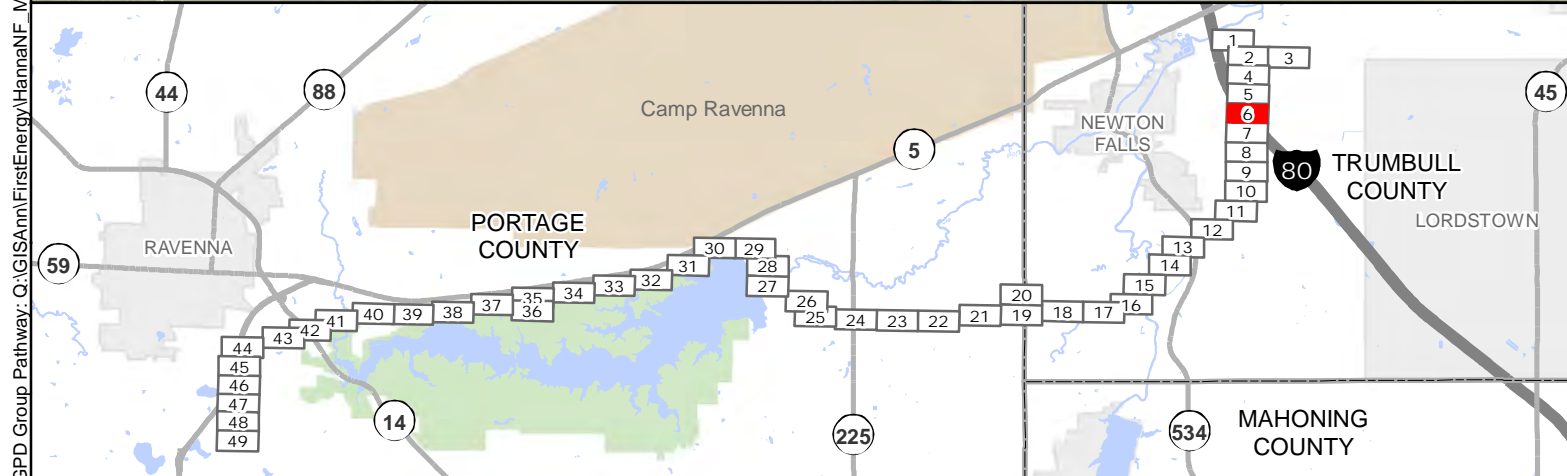
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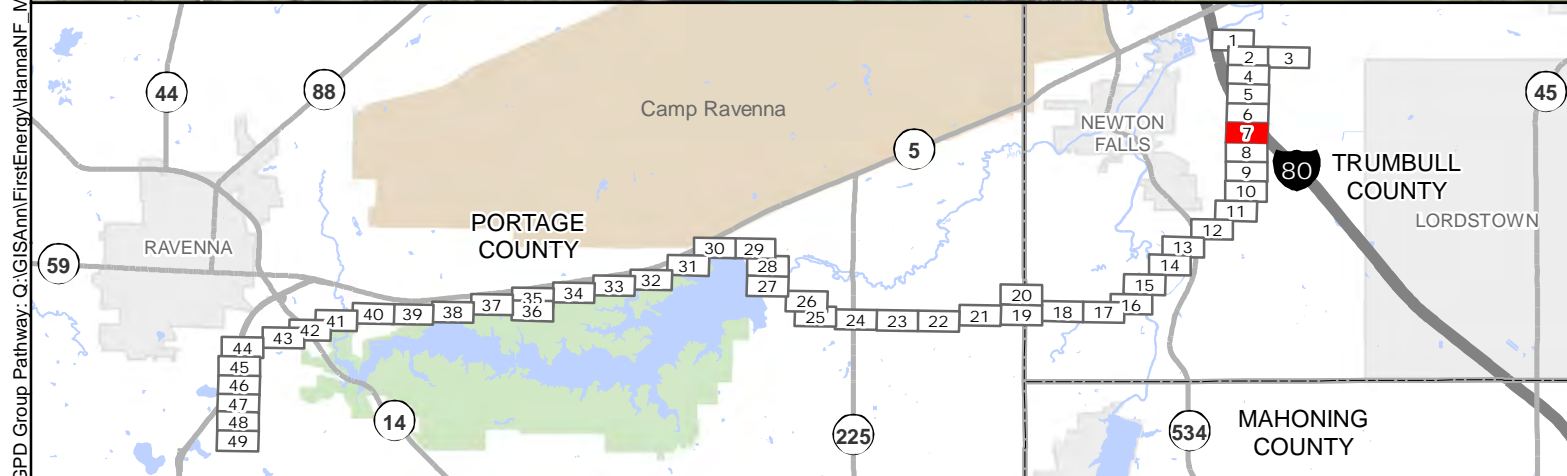
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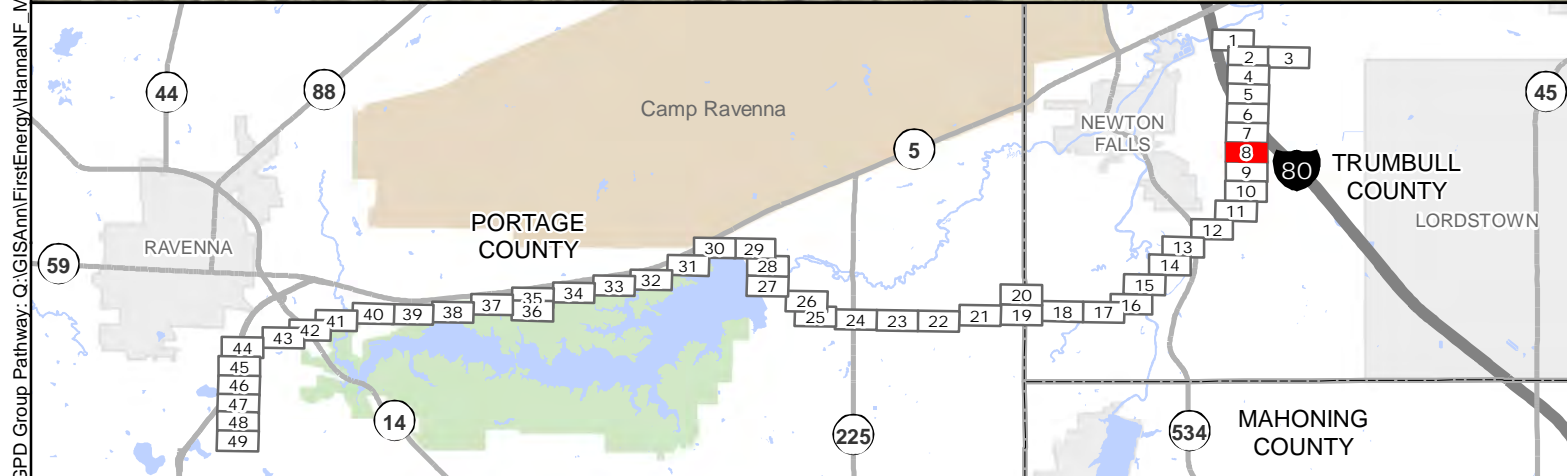
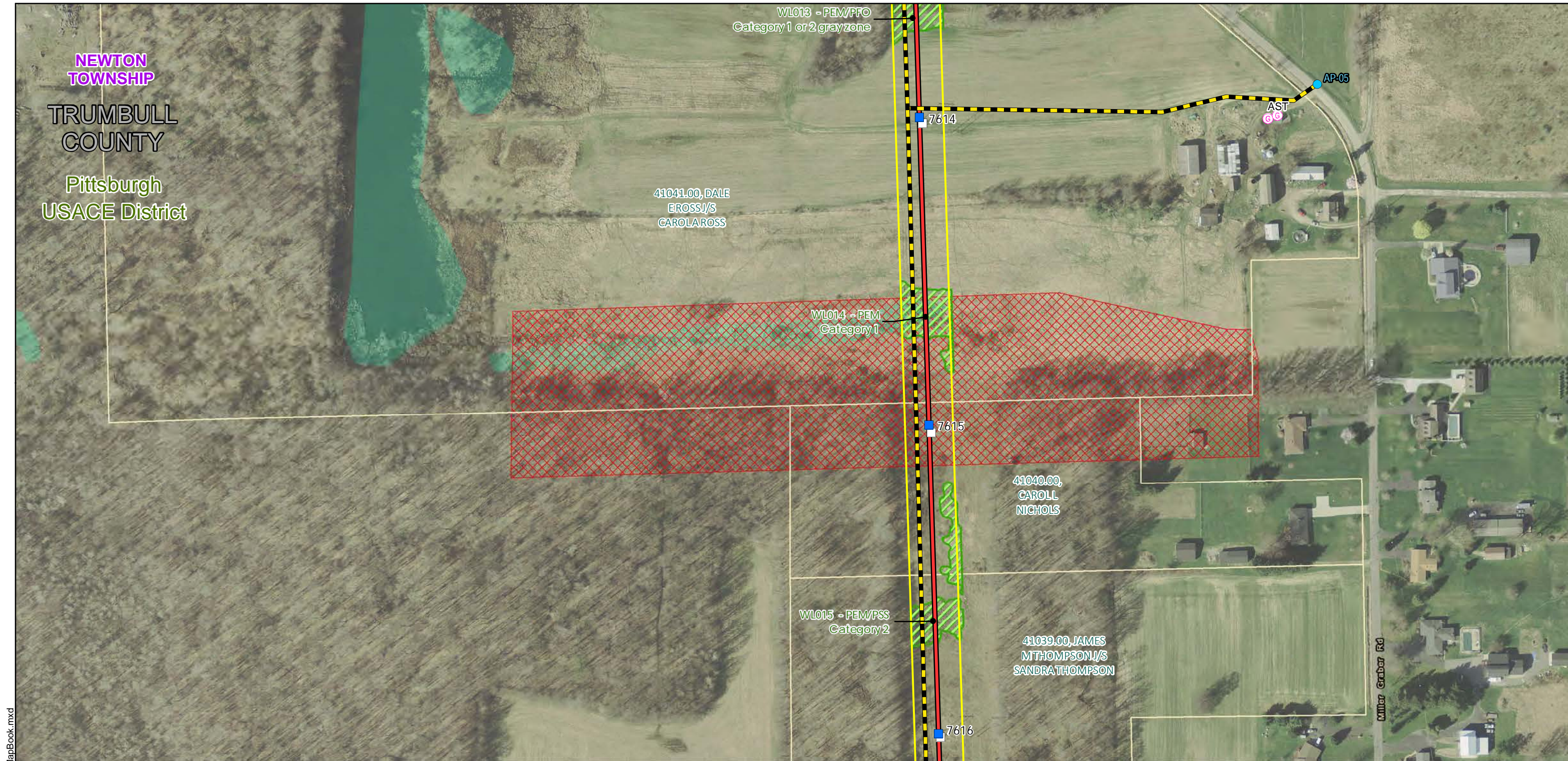
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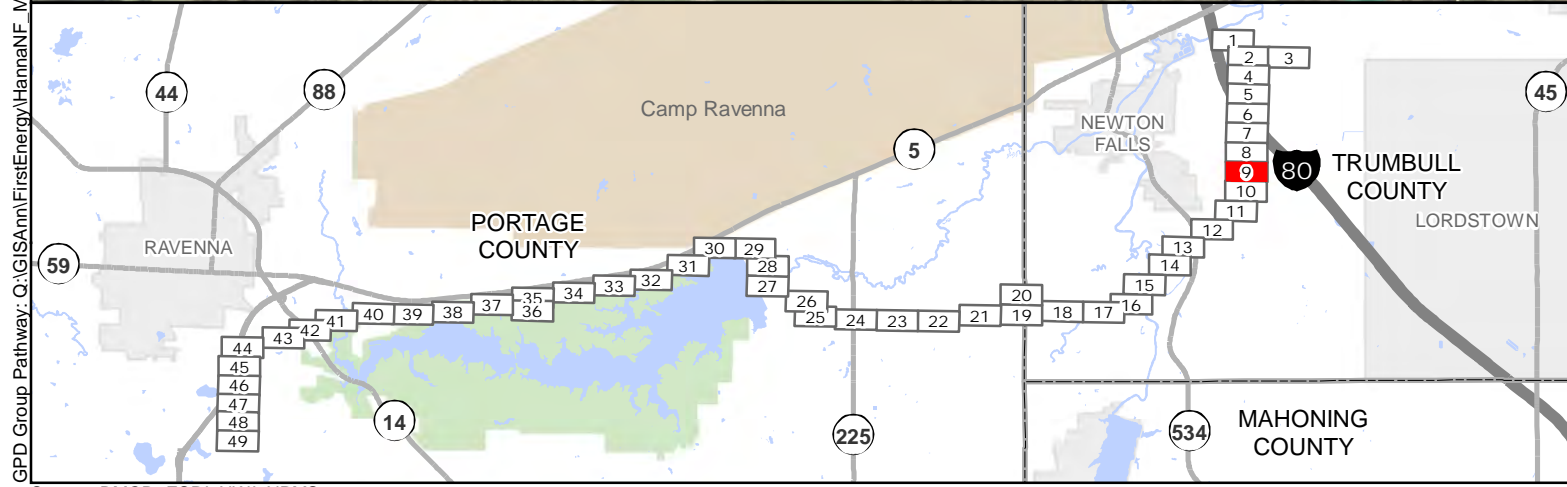
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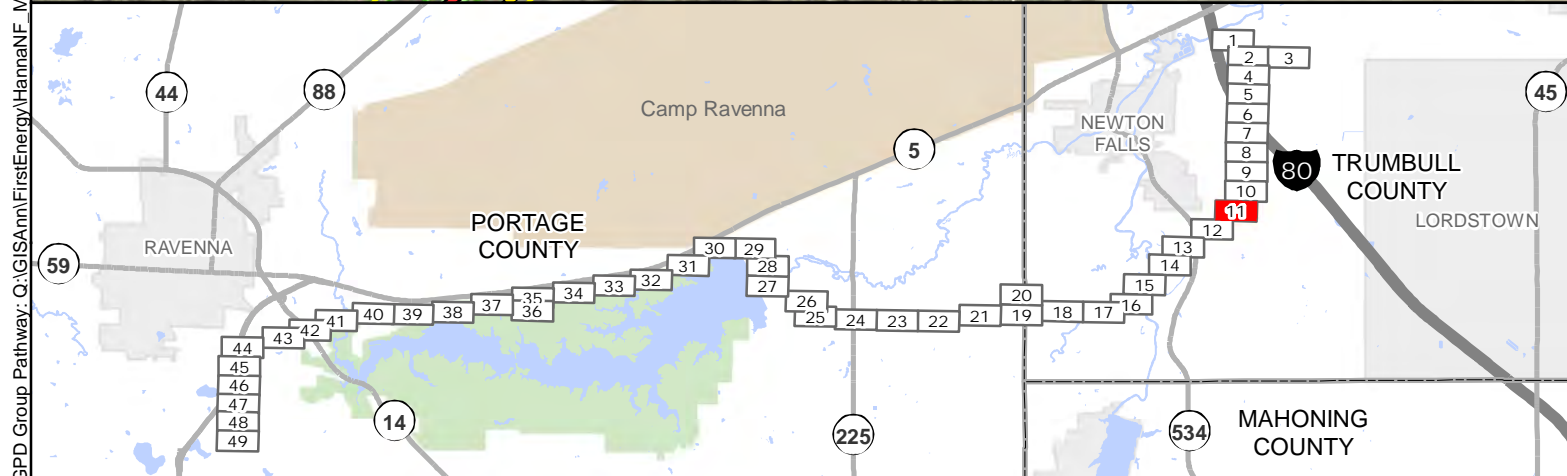
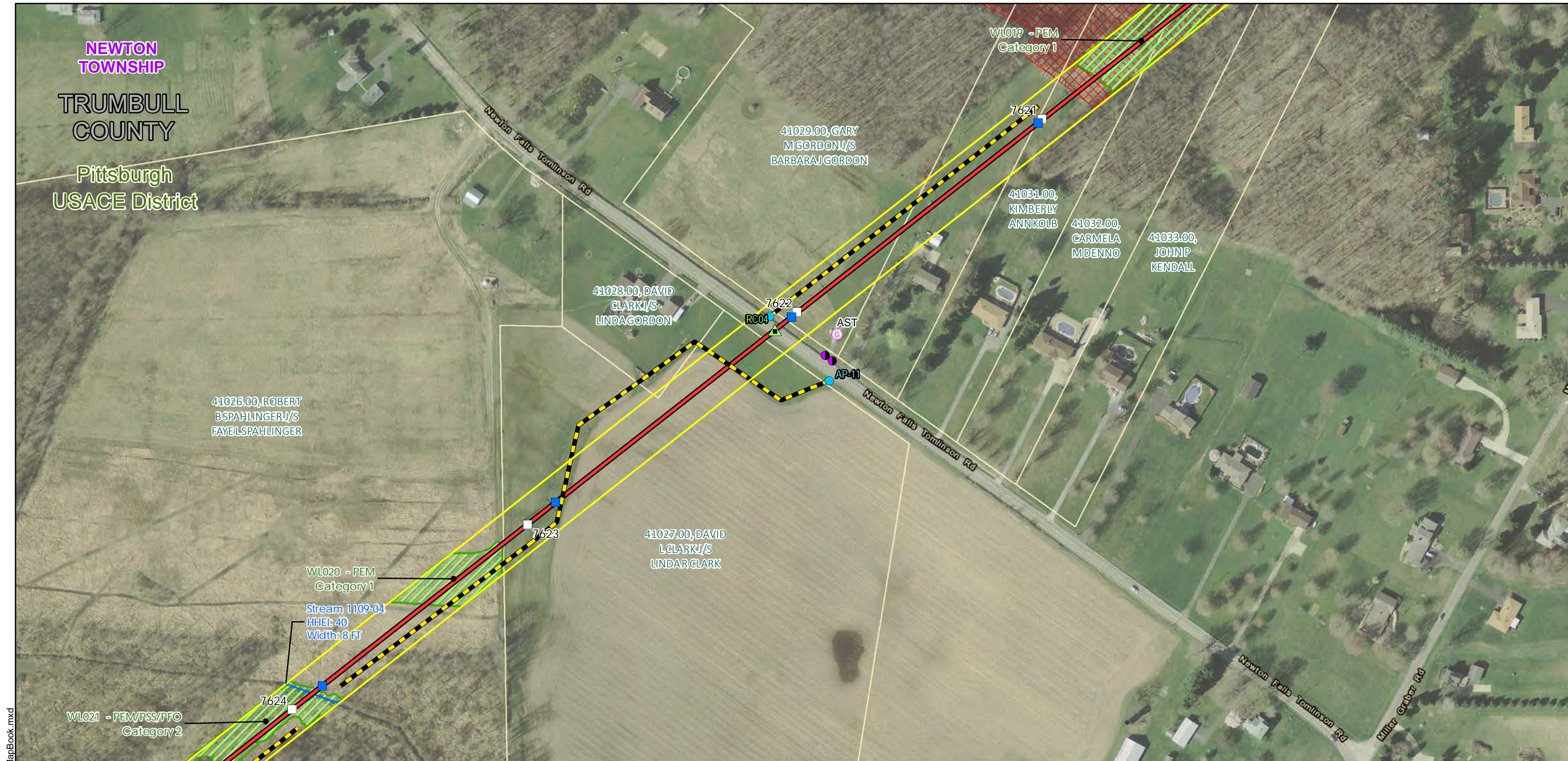
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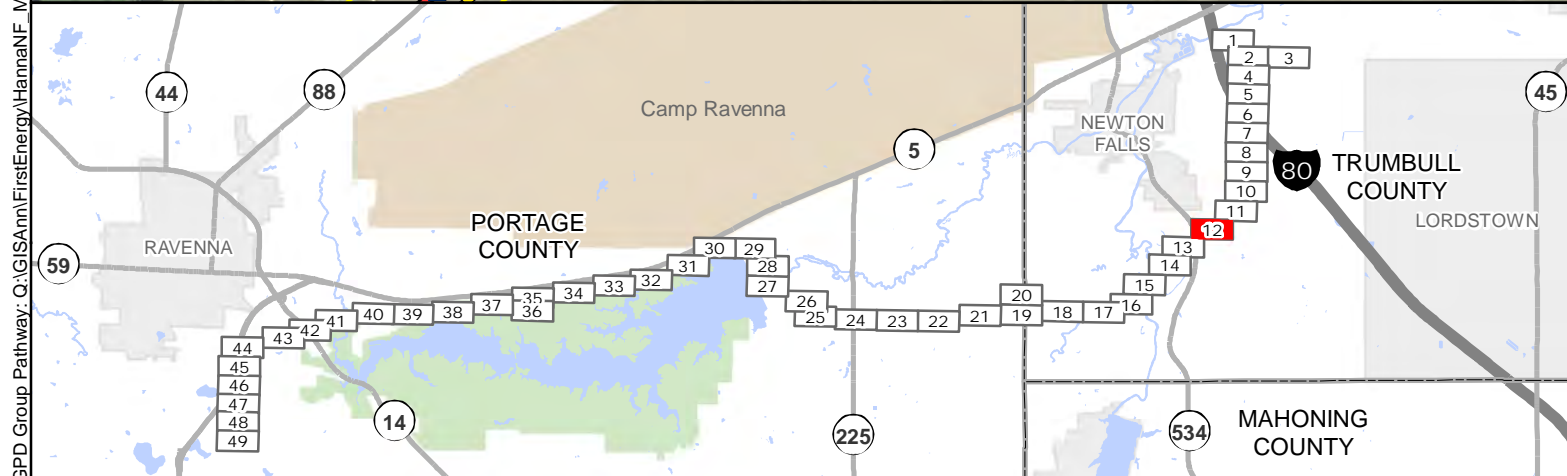
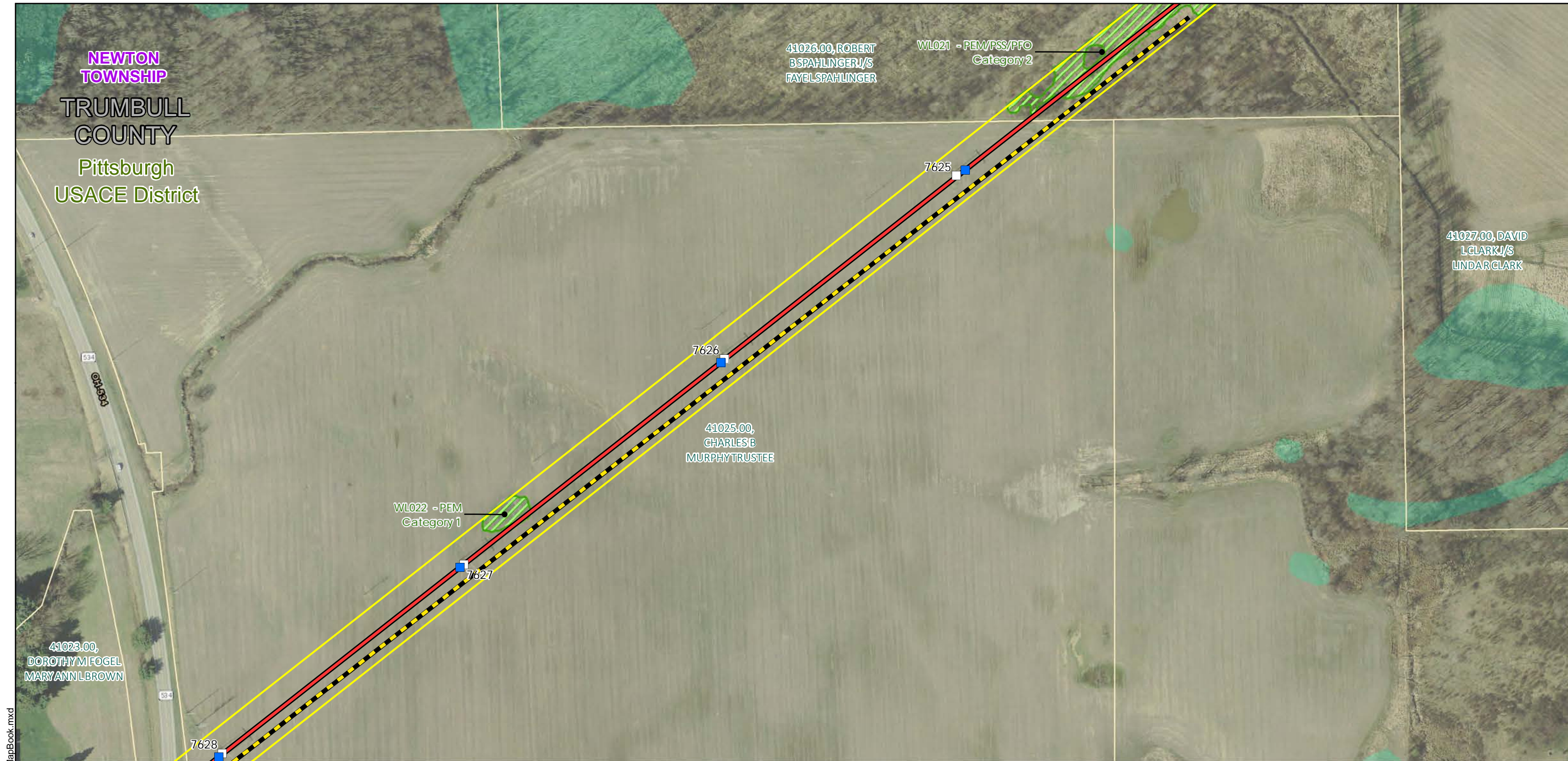
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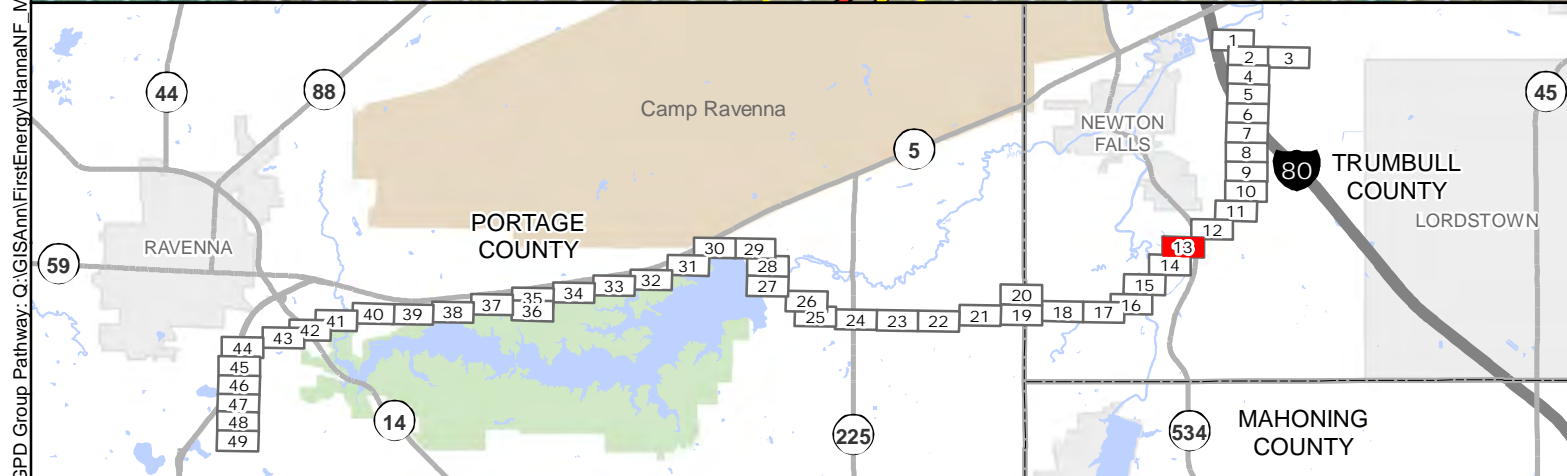
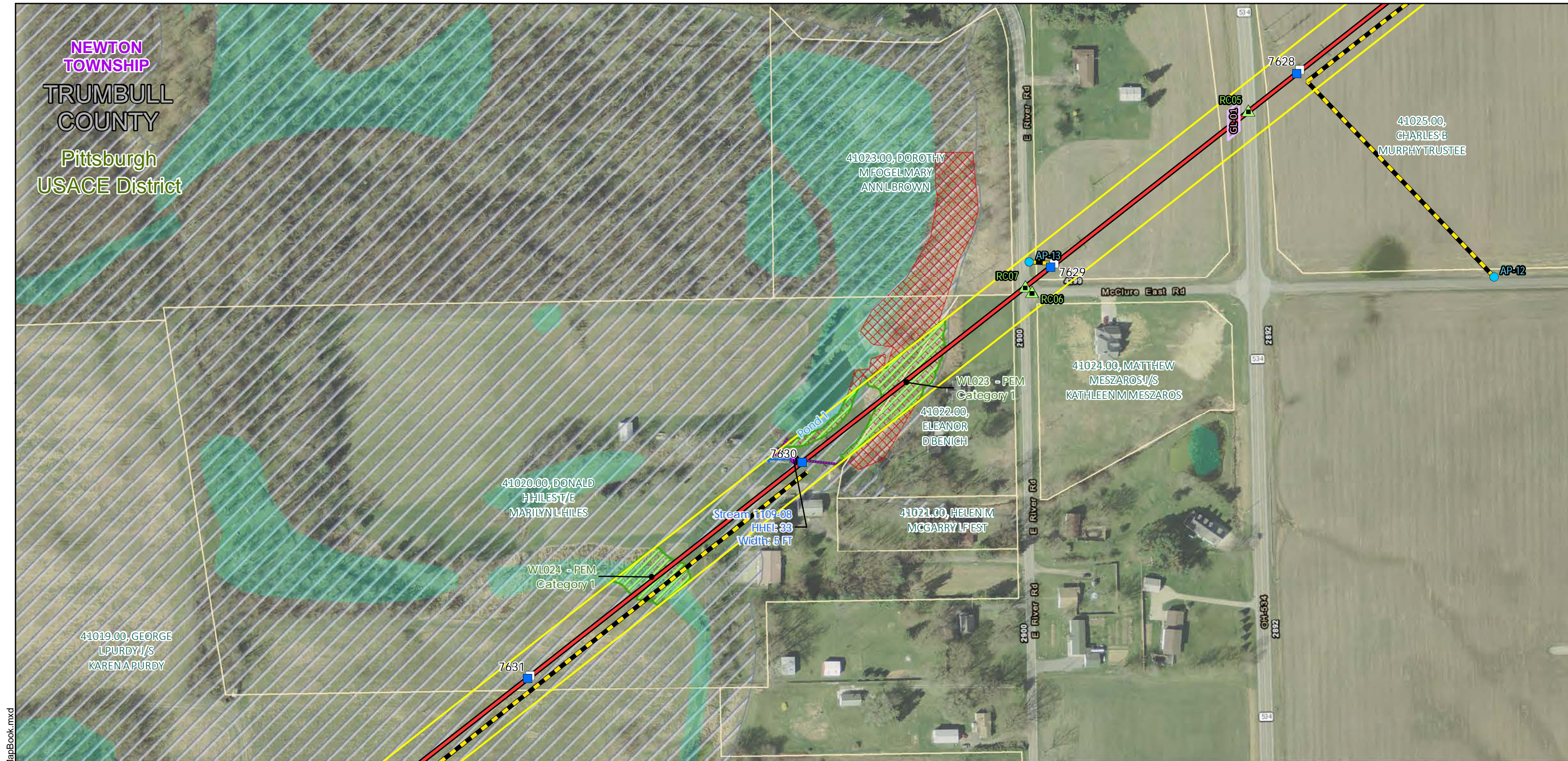
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<div><div></div><div>Existing Structure</div></div> <div><div></div><div>Proposed Structure</div></div> <div><div></div><div>H-Frame Steel Structure</div></div> <div><div></div><div>Route Alignment</div></div> <div><div></div><div>100ft Survey Corridor</div></div>	<div><div></div><div>Existing Substation</div></div> <div><div></div><div>Road Crossing</div></div> <div><div></div><div>Park Road Crossing</div></div> <div><div></div><div>USACE Road Crossing</div></div> <div><div></div><div>Railroad Crossing</div></div>	<div><div></div><div>Access Road Entrance</div></div> <div><div></div><div>Proposed Access Road</div></div> <div><div></div><div>Potential Pull Site</div></div> <div><div></div><div>Potential Guard Location</div></div> <div><div></div><div>Potential Laydown Yard</div></div>	<div><div></div><div>Utility (Observed in Field)</div></div> <div><div></div><div>Utility (Based on NPMS Public Map Viewer)</div></div> <div><div></div><div>Delineated Stream</div></div> <div><div></div><div>Ephemeral</div></div> <div><div></div><div>Intermittent</div></div> <div><div></div><div>Perennial</div></div>	<div><div></div><div>Delineated Wetland</div></div> <div><div></div><div>Wetland (NWI)</div></div> <div><div></div><div>Delineated Pond</div></div> <div><div></div><div>100yr Floodplain</div></div> <div><div></div><div>Sensitive Resource</div></div> <div><div></div><div>Culvert (Inlet/Outlet)</div></div> <div><div></div><div>Culvert</div></div>	<div><div></div><div>Railroad</div></div> <div><div></div><div>Impacted Parcel</div></div> <div><div></div><div>Municipality</div></div> <div><div></div><div>Township</div></div> <div><div></div><div>County</div></div> <div><div></div><div>USACE District</div></div>
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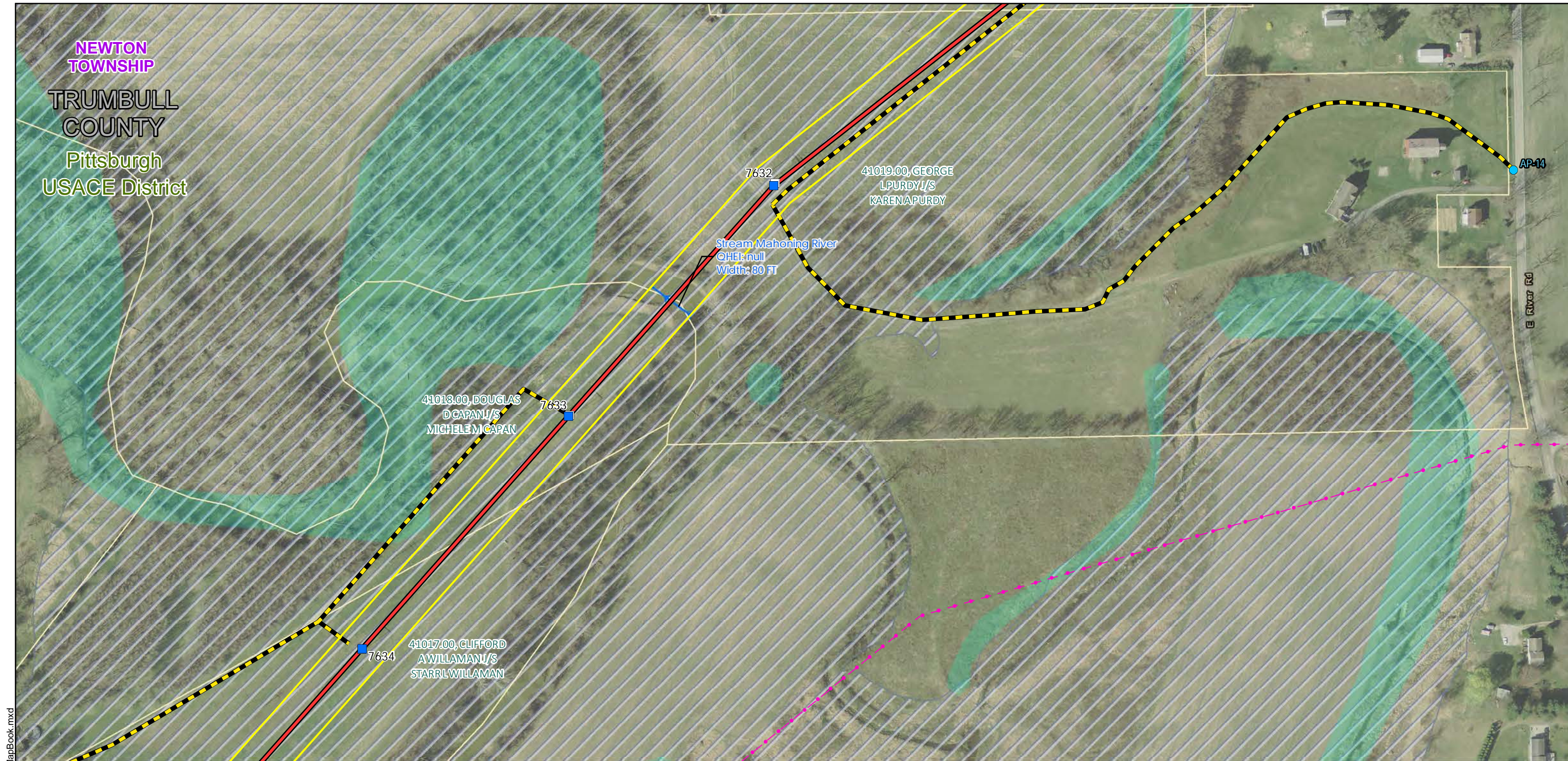
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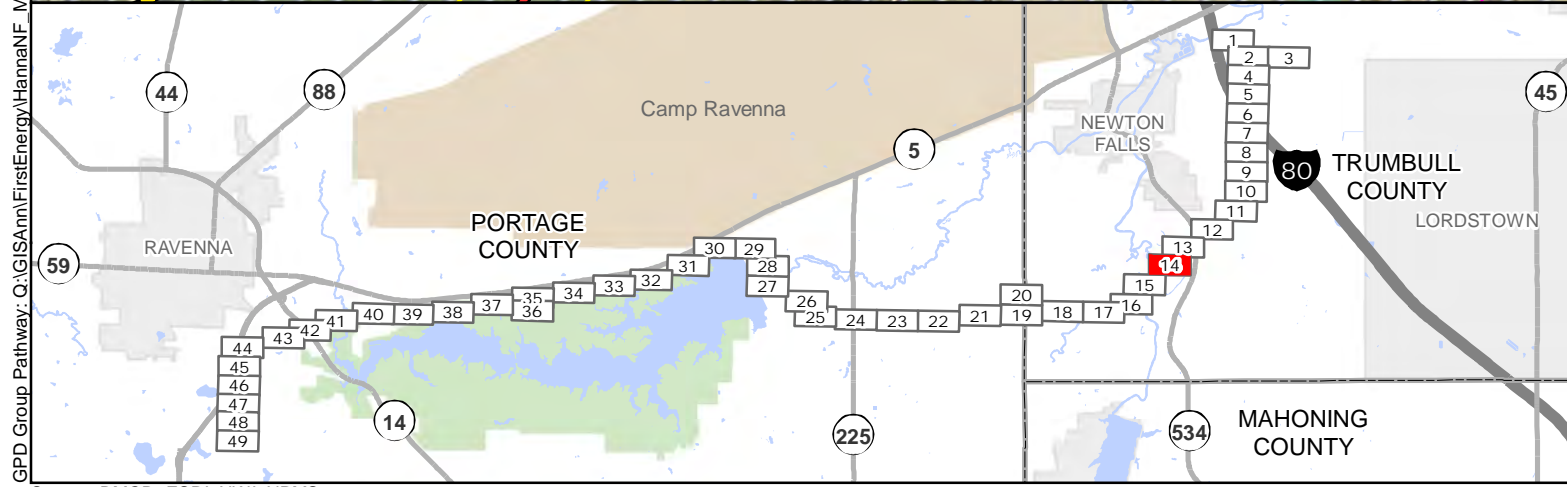
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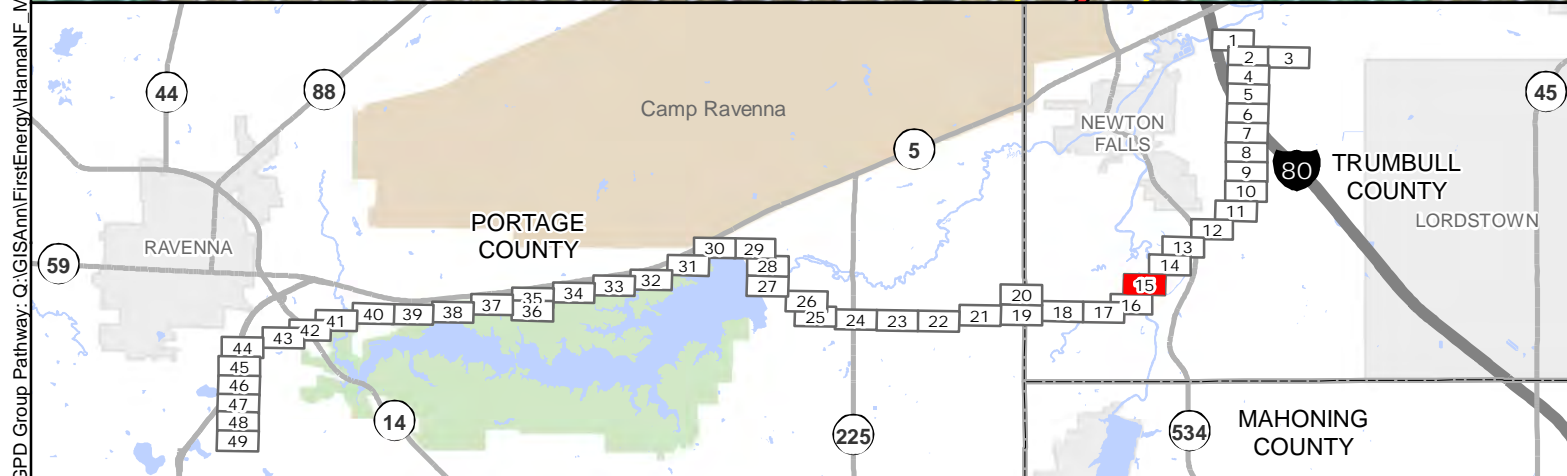
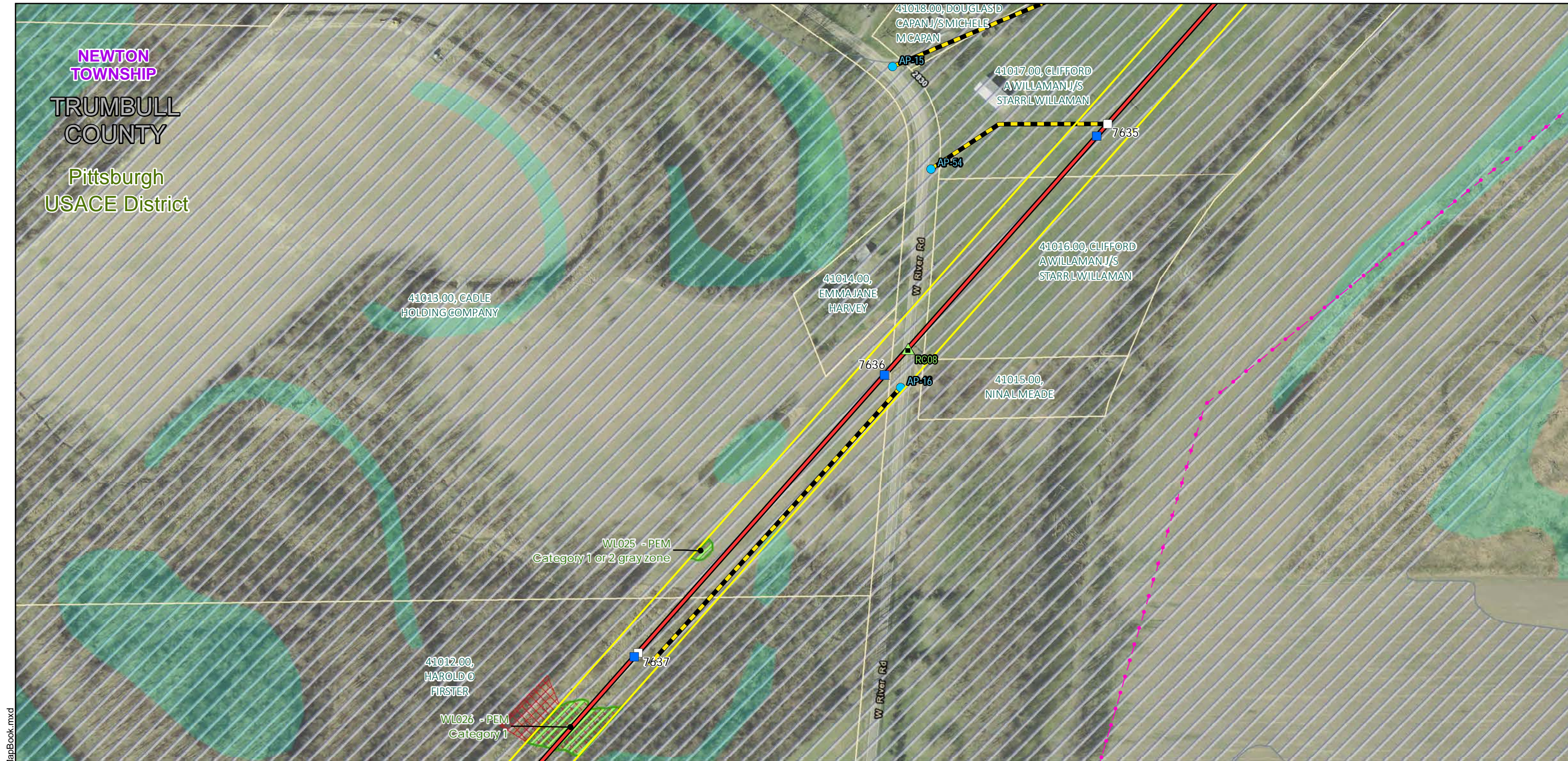


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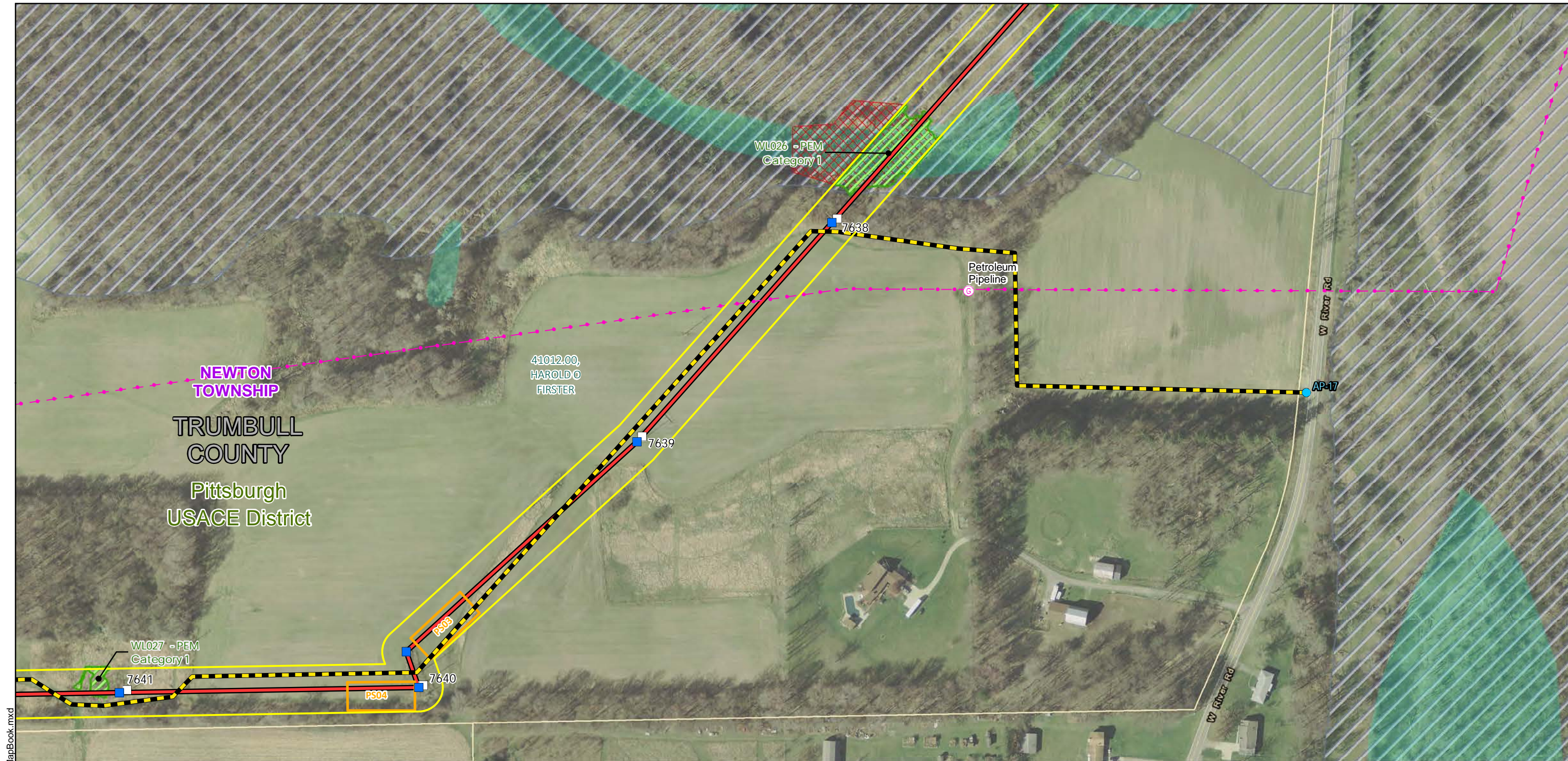
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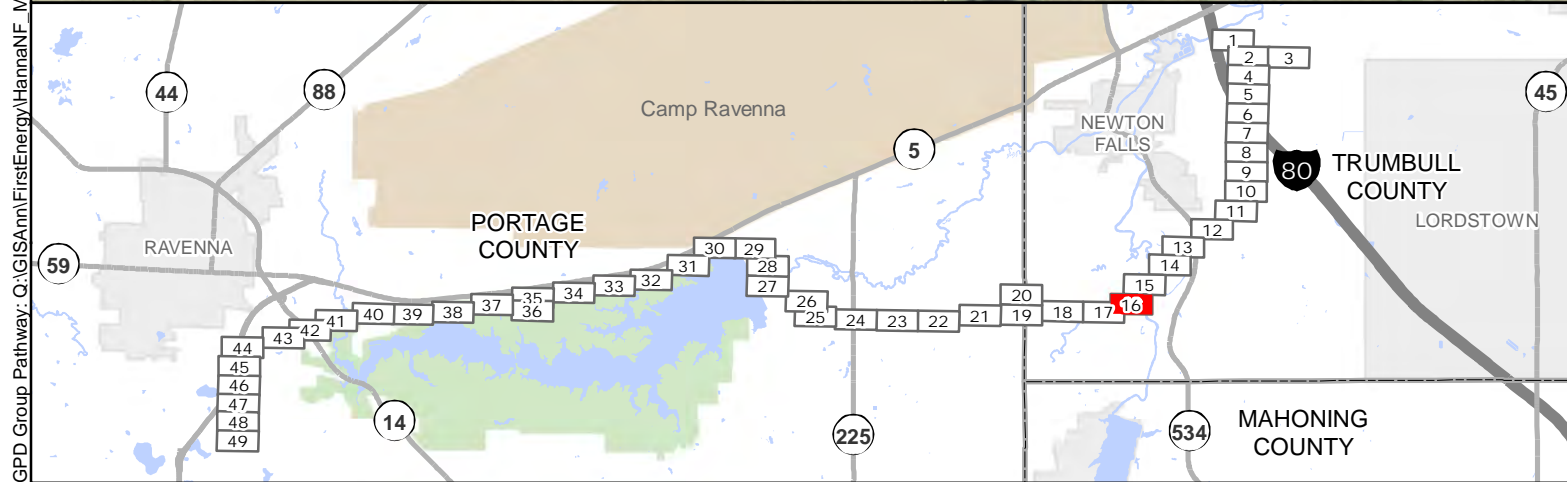
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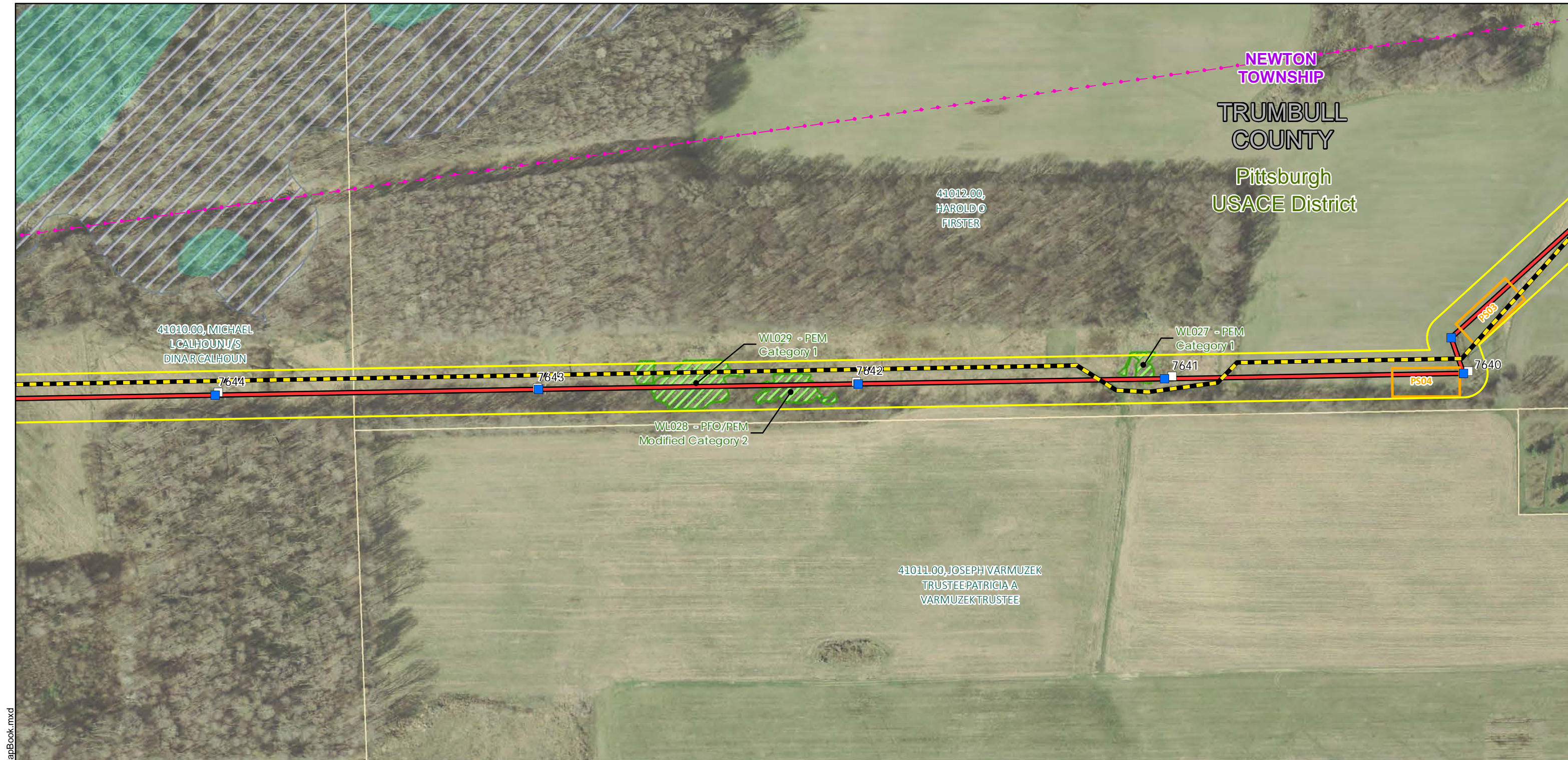


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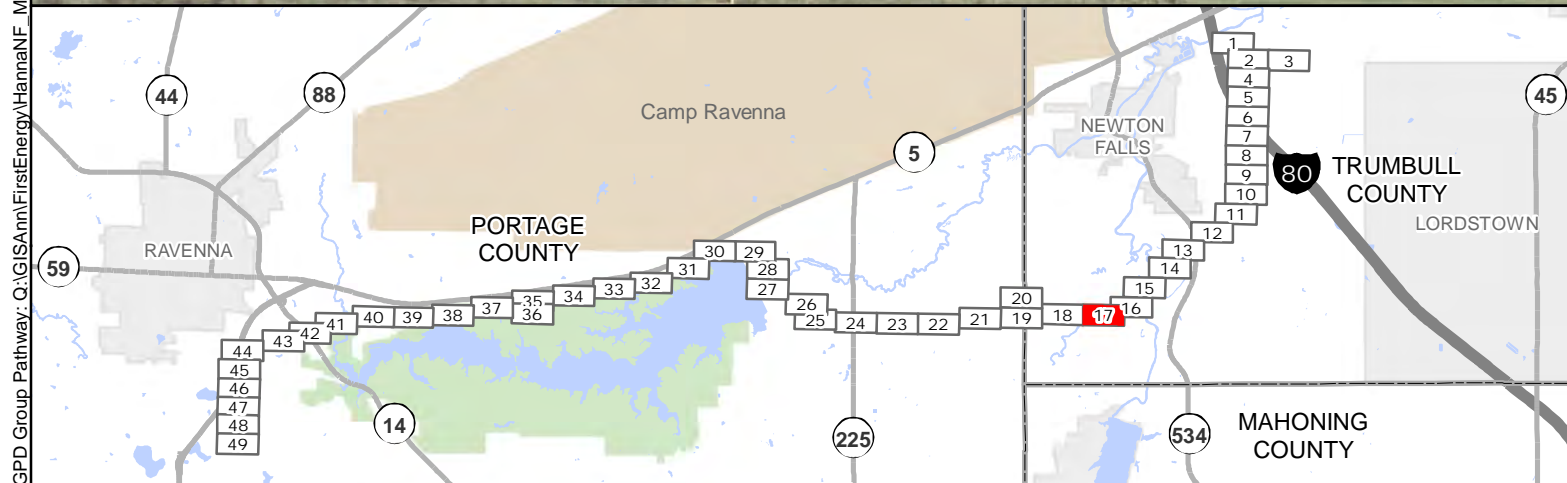
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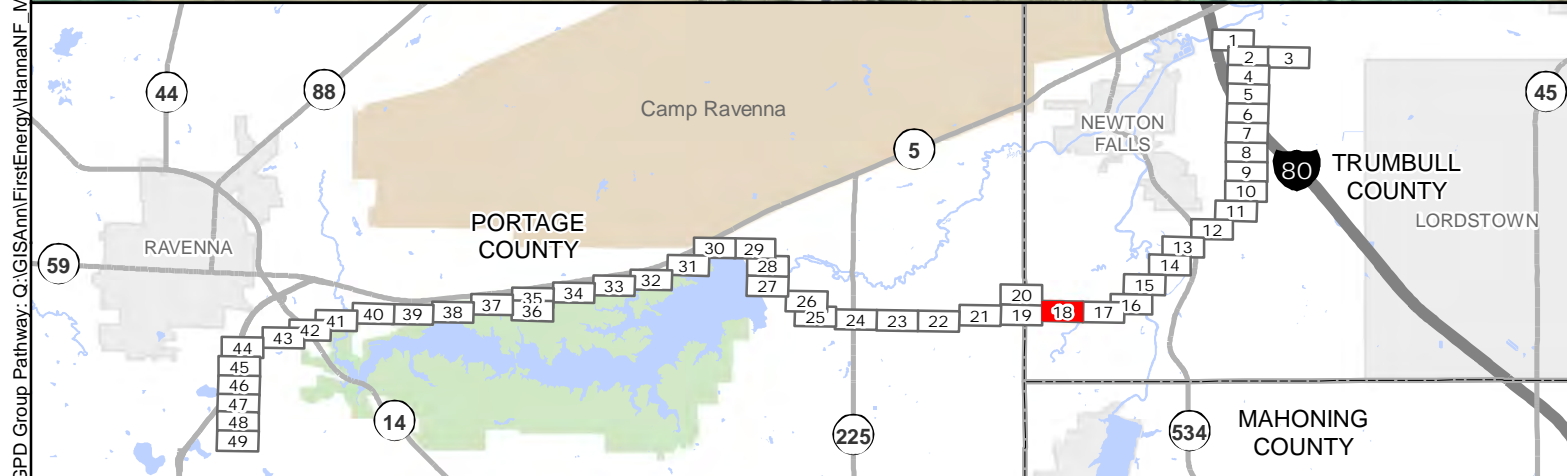
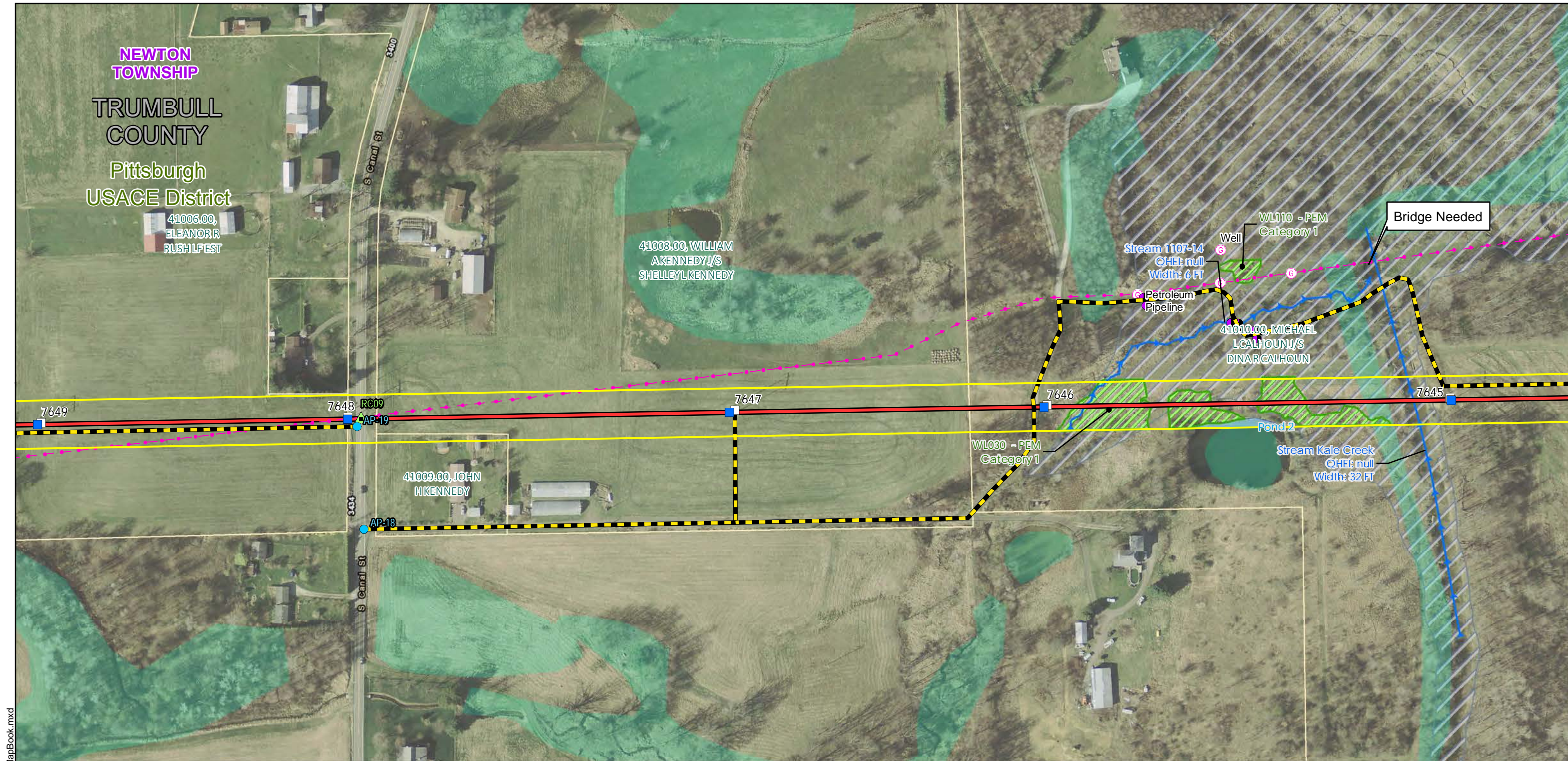


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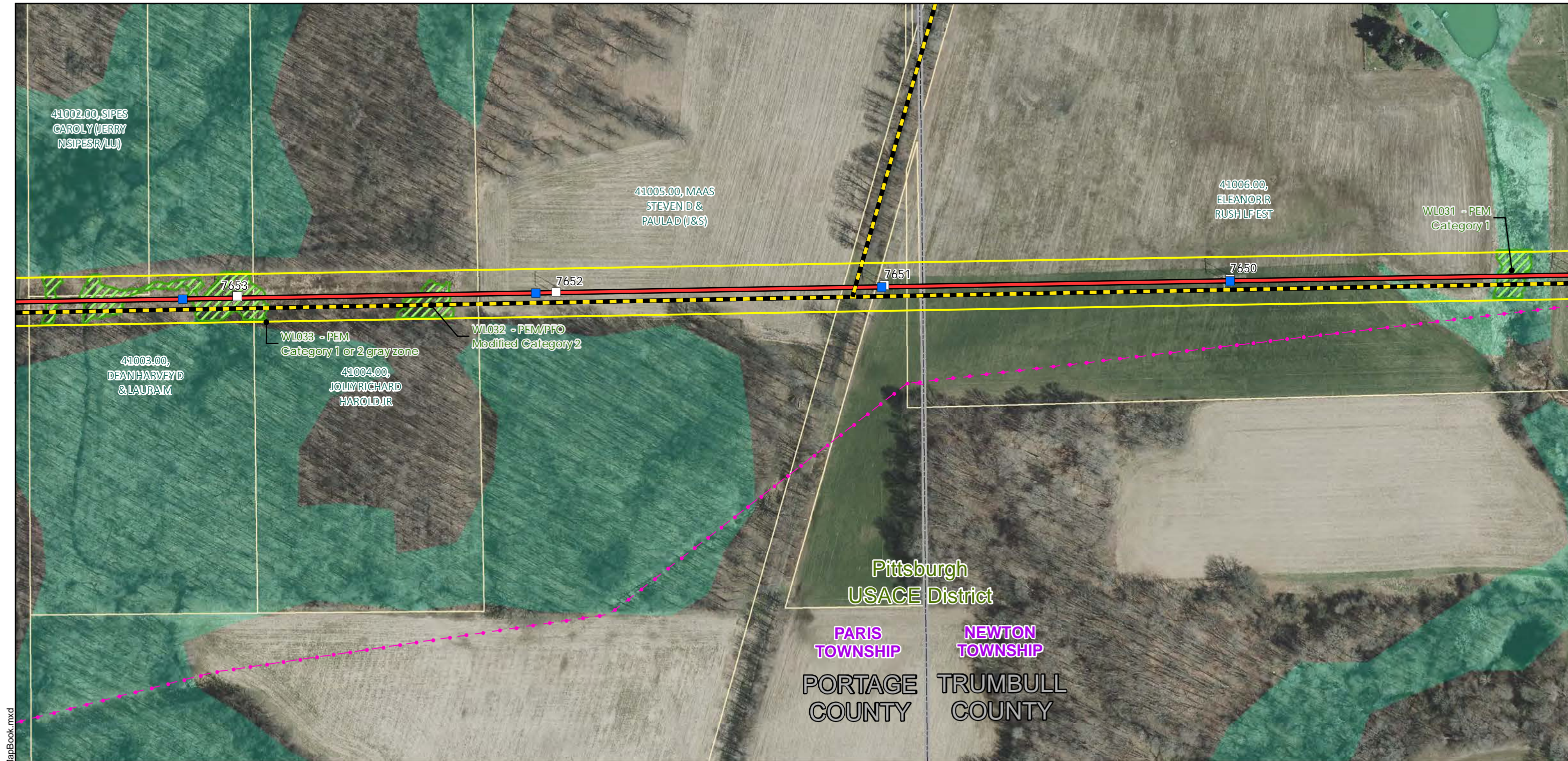
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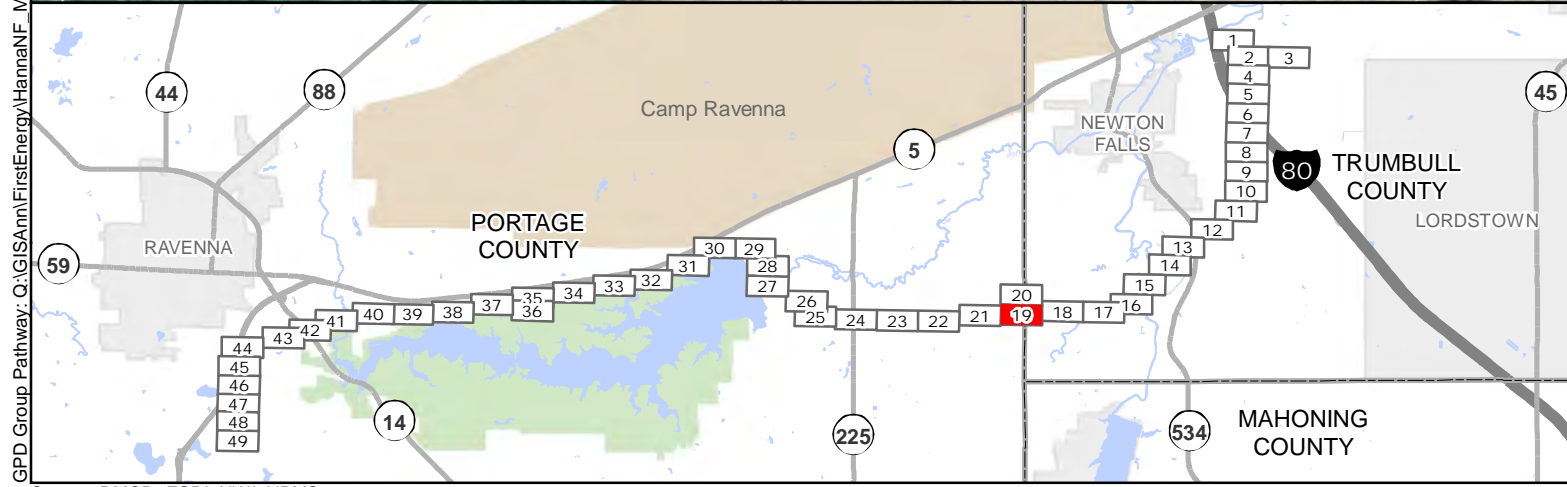
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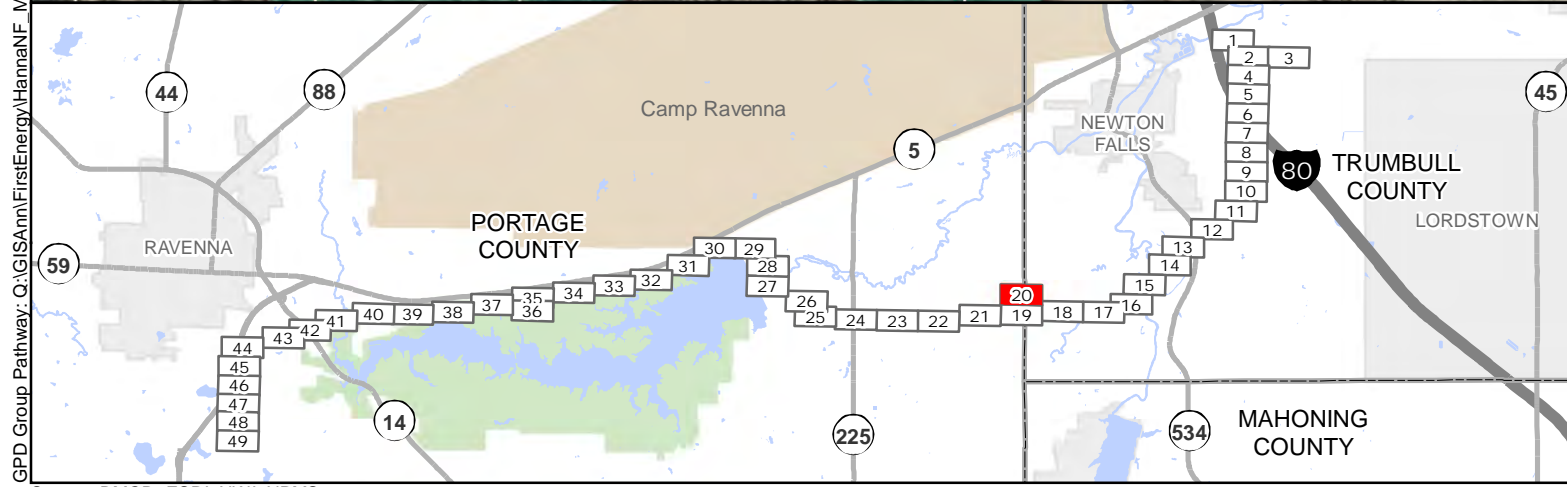
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| <ul style="list-style-type: none"><li>Existing Structure</li><li>Proposed Structure</li><li>H-Frame Steel Structure</li><li>Route Alignment</li><li>100ft Survey Corridor</li></ul> | <ul style="list-style-type: none"><li>Existing Substation</li><li>Road Crossing</li><li>Park Road Crossing</li><li>USACE Road Crossing</li><li>Railroad Crossing</li></ul> | <ul style="list-style-type: none"><li>Access Road Entrance</li><li>Proposed Access Road</li><li>Potential Pull Site</li><li>Potential Guard Location</li><li>Potential Laydown Yard</li></ul> | <ul style="list-style-type: none"><li>Utility (Observed in Field)</li><li>Utility (Based on NPMS Public Map Viewer)</li><li>Delineated Stream<ul style="list-style-type: none"><li>Ephemeral</li><li>Intermittent</li><li>Perennial</li></ul></li></ul> | <ul style="list-style-type: none"><li>Delineated Wetland</li><li>Wetland (NWI)</li><li>Delineated Pond</li><li>100yr Floodplain</li><li>Sensitive Resource</li><li>Culvert (Inlet/Outlet)</li><li>Culvert</li></ul> | <ul style="list-style-type: none"><li>Railroad</li><li>Impacted Parcel</li><li>Municipality</li><li>Township</li><li>County</li><li>USACE District</li></ul> |
|---|--|---|---|---|--|

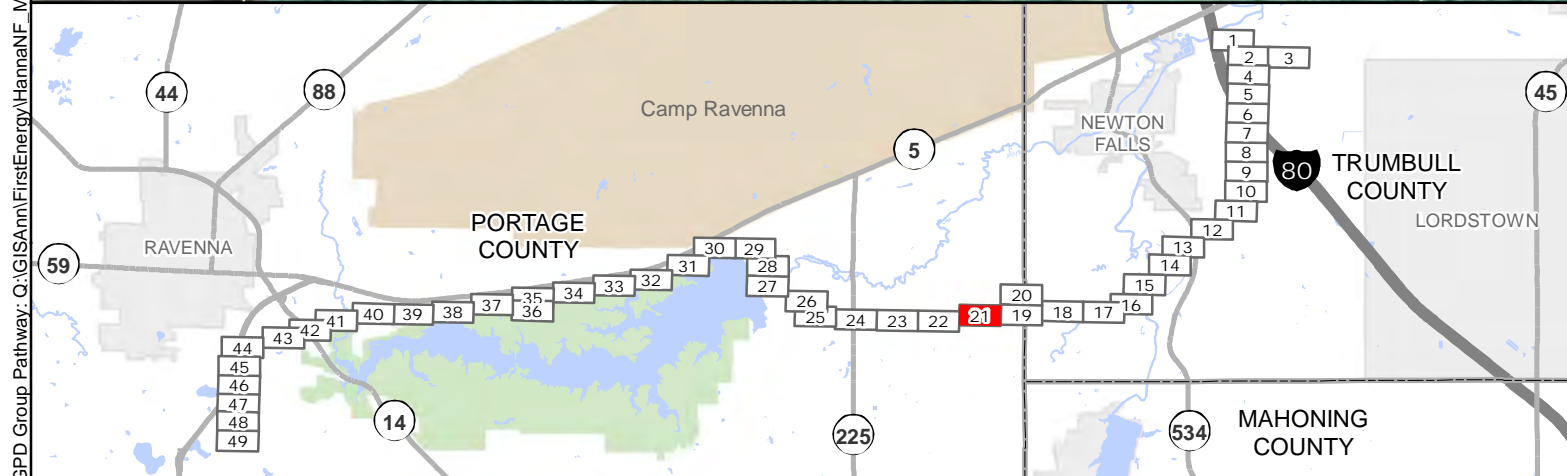




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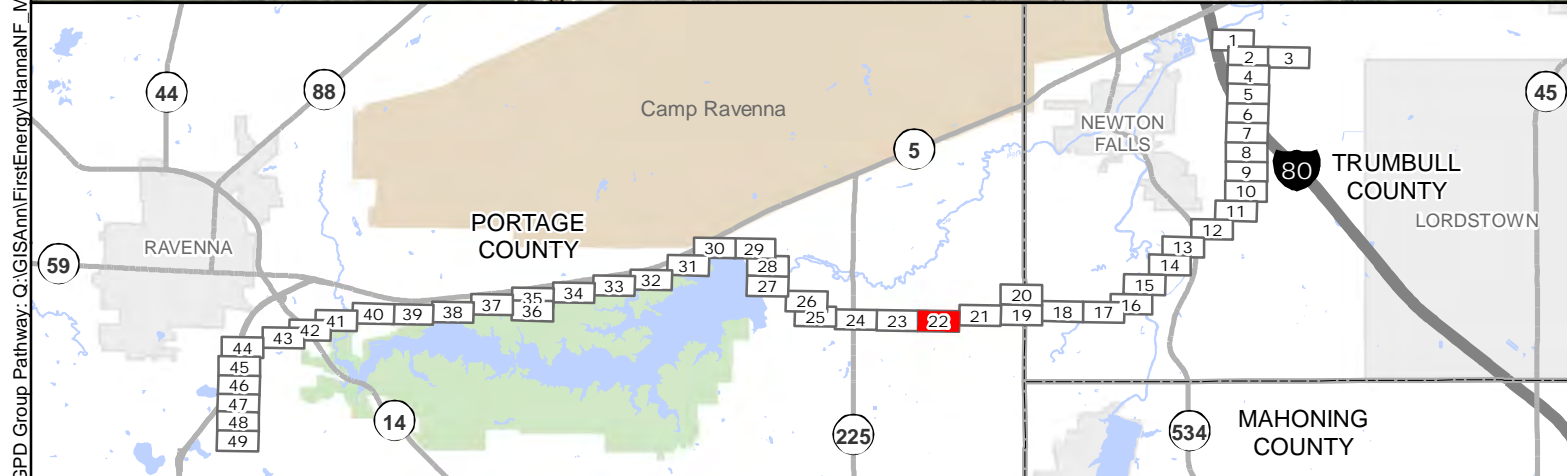
Existing Structure	Existing Substation	Access Road Entrance	Utility (Observed in Field)	Delineated Wetland	Railroad
Proposed Structure	Road Crossing	Proposed Access Road	Utility (Based on NPMS Public Map Viewer)	Wetland (NWI)	Impacted Parcel
H-Frame Steel Structure	Park Road Crossing	Potential Pull Site	Delineated Stream	Delineated Pond	Municipality
Route Alignment	USACE Road Crossing	Potential Guard Location	Ephemeral	100yr Floodplain	Township
100ft Survey Corridor	Railroad Crossing	Potential Laydown Yard	Intermittent	Sensitive Resource	County
			Perennial	Culvert (Inlet/Outlet)	USACE District
				Culvert	

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Existing Structure	Existing Substation	Access Road Entrance	Utility (Observed in Field)	Delineated Wetland	Railroad
Proposed Structure	Road Crossing	Proposed Access Road	Utility (Based on NPMS Public Map Viewer)	Wetland (NWI)	Impacted Parcel
H-Frame Steel Structure	Park Road Crossing	Potential Pull Site	Delineated Stream	Delineated Pond	Municipality
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			Perennial	Culvert (Inlet/Outlet)	USACE District
				Culvert	

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**in**

**Case No(s). 19-1857-EL-BLN**

Summary: Application for Certificate of Environmental Compatibility and Public Need (Part 4 of 5) electronically filed by Mr. Robert J Schmidt on behalf of American Transmission Systems Inc.