

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC APPLICATION OF KENTUCKY)
UTILITIES COMPANY FOR A CERTIFICATE OF)
PUBLIC CONVENIENCE AND NECESSITY FOR) CASE NO. 2022-00066
THE CONSTRUCTION OF TRANSMISSION)
FACILITIES IN HARDIN COUNTY, KENTUCKY)

RESPONSE OF
KENTUCKY UTILITIES COMPANY
TO
COMMISSION STAFF'S THIRD REQUEST FOR INFORMATION
DATED APRIL 29, 2022

FILED: MAY 6, 2022

VERIFICATION

COMMONWEALTH OF KENTUCKY)
)
COUNTY OF JEFFERSON)

The undersigned, Robert M. Conroy, being duly sworn, deposes and says that he is Vice President, State Regulation and Rates, for Kentucky Utilities Company and an employee of LG&E and KU Services Company, and that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge, and belief.

[Handwritten signature of Robert M. Conroy]
Robert M. Conroy

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 5th day of May 2022.

[Handwritten signature of Judy Schooler]
Notary Public

Notary Public ID No. 603967

My Commission Expires:

[Handwritten date: July 11, 2022]

VERIFICATION

COMMONWEALTH OF KENTUCKY)
)
COUNTY OF JEFFERSON)

The undersigned, **Elizabeth J. McFarland**, being duly sworn, deposes and says that she is Vice President, Transmission, for Kentucky Utilities Company and an employee of LG&E and KU Services Company, and that she has personal knowledge of the matters set forth in the responses for which she is identified as the witness, and the answers contained therein are true and correct to the best of her information, knowledge, and belief.

Elizabeth J. McFarland

Elizabeth J. McFarland

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 5th day of May 2022.

Judith Schoeder

Notary Public

Notary Public ID No. 603967

My Commission Expires:

July 11, 2022

KENTUCKY UTILITIES COMPANY

**Response to Commission Staff's Third Request for Information
Dated April 29, 2022**

Case No. 2022-00066

Question No. 1

Responding Witness: Robert M. Conroy / Elizabeth J. McFarland

- Q-1. Refer to KU's response to Wade Farm Management, LLC's First Request for Information (filed April 21, 2022) (Wade Farm's First Request), Item 5, and KU's response to Frank Brown and Martha Brown's First Request for Information (filed April 21, 2022) (Brown's First Request), Item 3. In these responses KU references working with the property owners. Confirm that KU did not give notice to property owners within the 1,000-foot corridor of the proposed centerline, unless the proposed transmission line route passed directly over the property.
- A-1. KU has not provided notice to property owners within the 1,000 foot corridor unless the proposed transmission line route and 200 foot right of way directly crosses over the property. (See Paragraph 10 of KU's Application and Ms. McFarland's testimony, page 9).

KENTUCKY UTILITIES COMPANY

**Response to Commission Staff's Third Request for Information
Dated April 29, 2022**

Case No. 2022-00066

Question No. 2

Responding Witness: Elizabeth J. McFarland

- Q-2. Refer to KU's response to Wade Farm's First Request, Item 22. This response indicates KU has not conducted any on-site field studies.
- a. Confirm that KU has not done any on-site field studies.
 - b. State when KU anticipates performing on-site field studies.
 - c. Refer also to the Application, numbered paragraph 4, which states that KU anticipates beginning pre-construction in July 2022. Explain what preconstruction activities KU anticipates beginning in July 2022, given that the statutory deadline for issuance or denial of the requested CPCN is June 28, 2022, and no on-site field studies have been performed.
- A-2.
- a. At the time of the original filing KU had not begun field studies; however at this time KU has completed an on-site field wetland delineation survey within the proposed 200 foot right of way. Also, KU has completed on-site field geotechnical exploration (borings) at select locations along the proposed route. The wetland delineation confirmed the lines could be constructed outside of wetlands. The geotechnical exploration provides further documentation for structure foundation design.
 - b. KU is currently performing on-site field geotechnical exploration at the proposed drilled shaft foundation locations. This work is anticipated to be completed in May 2022. All wetland delineation surveys are completed.
 - c. In paragraph 4 of the Application, pre-construction in July 2022 refers to the substation site preparation work such as vegetation clearing, placement of soil erosion and storm water controls. Transmission lines would also likely begin pre-construction work in July 2022 which would include structure/foundation staking, as well as vegetation clearing, placement of soil erosion and storm water controls.

KENTUCKY UTILITIES COMPANY

**Response to Commission Staff's Third Request for Information
Dated April 29, 2022**

Case No. 2022-00066

Question No. 3

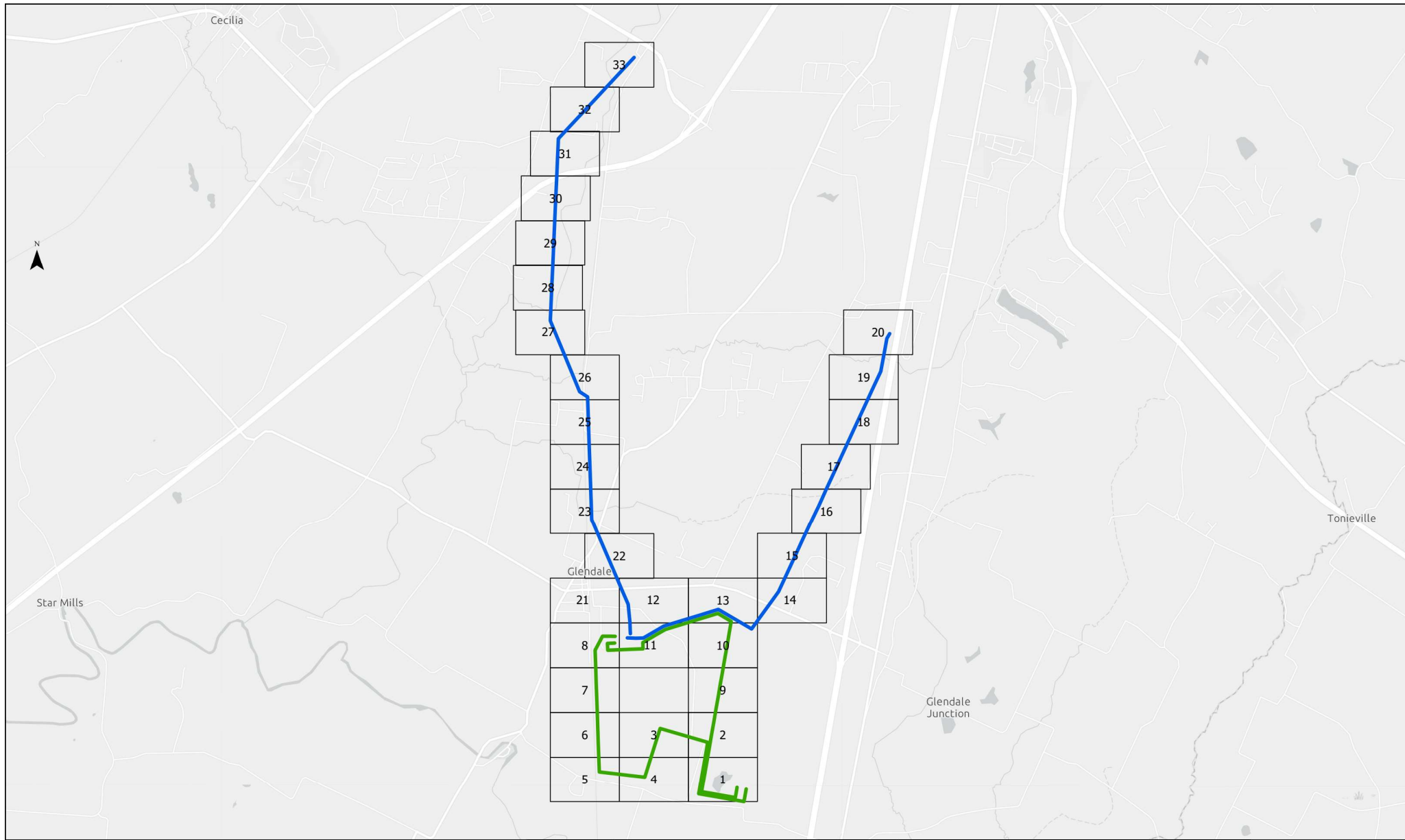
Responding Witness: Elizabeth J. McFarland

- Q-3. Provide a map of the existing KU easements as well as any other known utility easements for the properties directly affected by all the transmission line routes superimposed on the maps provided in KU's response to Commission Staff's First Request for Information (filed April 8, 2022), Item 1.
- A-3. Due to the number of utility easements (e.g., electric transmission, electric distribution, natural gas, water, sewer, telecommunication, etc., some of which are as small as 10 feet wide) on the affected properties, KU estimates that it would require at least 30 – 45 days to complete this mapping request. However, in an effort to be as responsive as possible, the attached map book illustrates the easements that are relatively large and material in nature (e.g., electric transmission, and large sewage lines) on the affected properties.

KENTUCKY UTILITIES GLENDALE (FORD) PROJECT

345 & 138 kV TRANSMISSION ROUTING MAPS

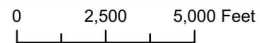




GLENDALE ROUTING MAP
345 & 138 kV Circuits

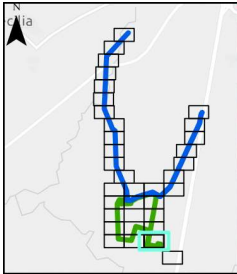


OVERVIEW



KU Transmission Circuit Routing
 Voltage Page Grid
 138 kV
 345 kV

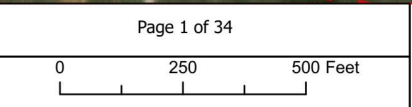




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208-00-00-002	HOWLETT	1408 GILEAD CHURCH RD
208-00-00-004.01	BROWN	1141 GILEAD CHURCH RD
208-00-00-004	HAGAN	933 GILEAD CHURCH RD
207-00-00-018	HARDIN COUNTY KY	JAGGERS RD



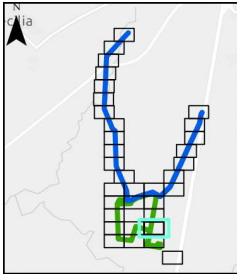
GLENDALE ROUTING MAP
345 & 138 kV Circuits



KU Transmission Circuit Routing

Voltage	█ CPCN - 500FT	█ Parcels	█ Sewer ROW
█ 138 kV	█ Edge of ROW	█ Existing Easement	█ EKPC Transmission Circuit
█ FORD Surveyed Property Line	█ Electric Substation Boundary	█ Sewer Line	█ EKPC Existing ROW
█ Proposed Structure Locations			





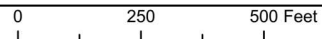
APN	OWN1_LAST	ADDR
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208-00-00-001	HOWLETT	1663 JAGGERS RD
207-00-00-018	HARDIN COUNTY KY	JAGGERS RD
207-00-00-018	HARDIN COUNTY KY	JAGGERS RD



GLENDALE ROUTING MAP
345 & 138 kV Circuits



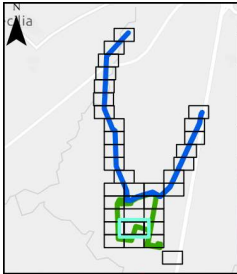
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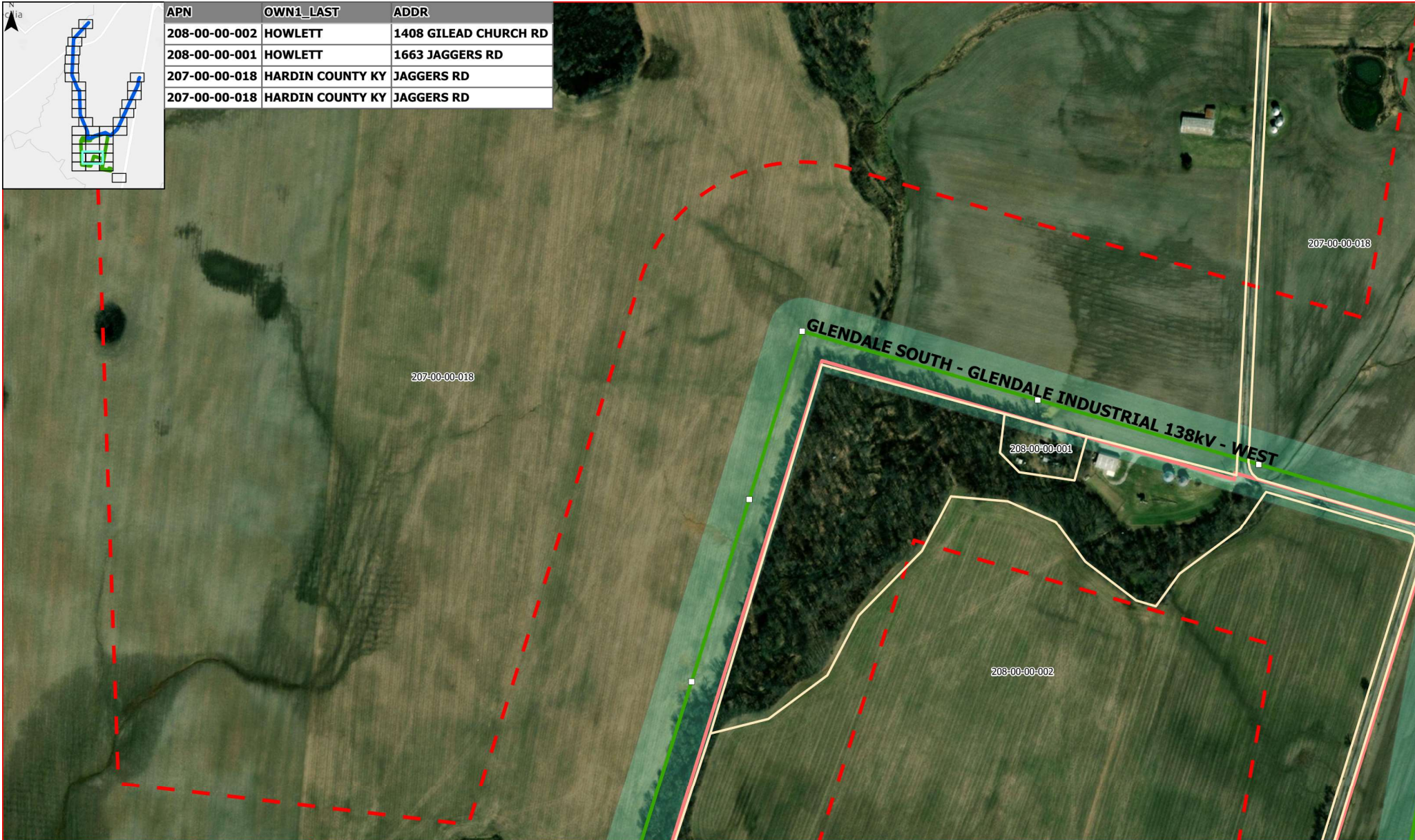
KU Transmission Circuit Routing

- | | | | |
|-------------------------------|--------------------------------|---------------------|-----------------------------|
| Voltage | □ Proposed Structure Locations | ▭ Parcels | ▭ Sewer ROW |
| — 138 kV | ▭ CPCN - 500FT | ▭ Existing Easement | — EKPC Transmission Circuit |
| — FORD Surveyed Property Line | ▭ Edge of ROW | — Sewer Line | ▭ EKPC Existing ROW |





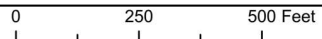
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208-00-00-001	HOWLETT	1663 JAGGERS RD
207-00-00-018	HARDIN COUNTY KY	JAGGERS RD
207-00-00-018	HARDIN COUNTY KY	JAGGERS RD



GLENDALE ROUTING MAP
345 & 138 kV Circuits



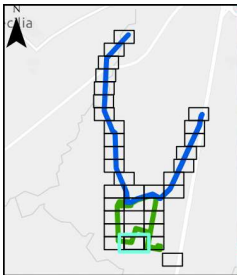
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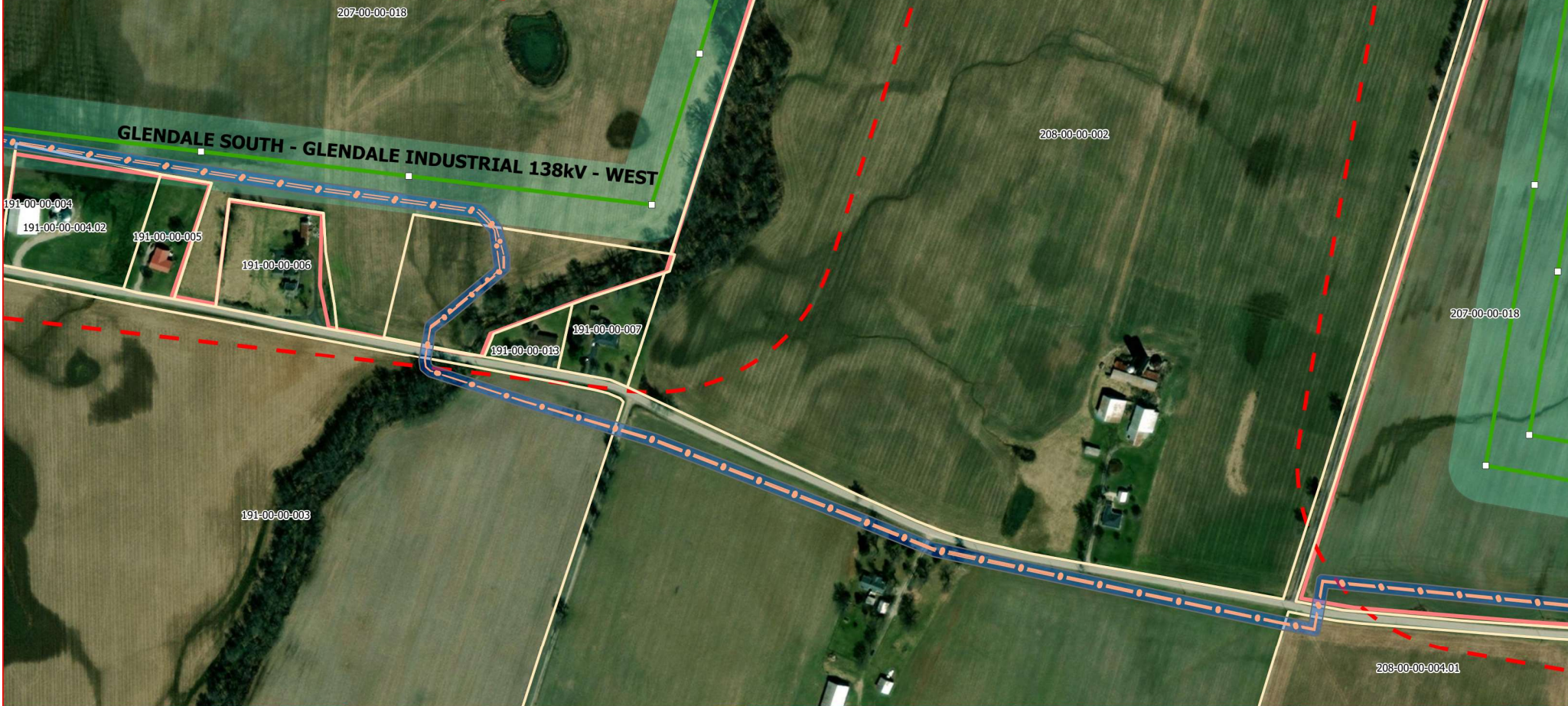
KU Transmission Circuit Routing

- | | | | |
|-------------------------------|--------------------------------|---------------------|-----------------------------|
| Voltage | □ Proposed Structure Locations | ▭ Parcels | ▭ Sewer ROW |
| — 138 kV | ▭ CPCN - 500FT | ▭ Existing Easement | — EKPC Transmission Circuit |
| — FORD Surveyed Property Line | ▭ Edge of ROW | — Sewer Line | ▭ EKPC Existing ROW |

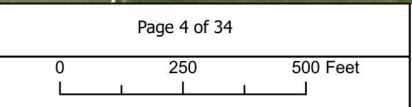




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191-00-00-004	COUCH	2010 GILEAD CHURCH R
191-00-00-005	LUCAS	1908 GILEAD CHURCH R
191-00-00-006	VAUGHN	1838 GILEAD CHURCH R
191-00-00-013	HORTON	1700 GILEAD CHURCH R
191-00-00-007	GONZALEZ	1678 GILEAD CHURCH R
208-00-00-002	HOWLETT	1408 GILEAD CHURCH R
191-00-00-004.02	BROWN	1141 GILEAD CHURCH R
208-00-00-004.01	BROWN	1141 GILEAD CHURCH R
207-00-00-018	HARDIN COUNTY KY	JAGGERS RD
207-00-00-018	HARDIN COUNTY KY	JAGGERS RD



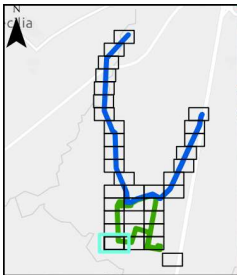
GLENDALE ROUTING MAP
345 & 138 kV Circuits



KU Transmission Circuit Routing

Voltage	□ Proposed Structure Locations	▭ Parcels	▭ Sewer ROW
— 138 kV	▭ CPCN - 500FT	▭ Existing Easement	▭ EKPC Transmission Circuit
— FORD Surveyed Property Line	▭ Edge of ROW	▭ Sewer Line	▭ EKPC Existing ROW





APN	OWN1_LAST	ADDR
191-00-00-003	LOT 20A & 20B GILEAD CHURCH RD GLENDALE	2125 GILEAD CHURCH R
191-00-00-004	COUCH	2010 GILEAD CHURCH R
191-00-00-005	LUCAS	1908 GILEAD CHURCH R
191-00-00-006	VAUGHN	1838 GILEAD CHURCH R
191-00-00-013	HORTON	1700 GILEAD CHURCH R
191-00-00-003	LOT 20A & 20B GILEAD CHURCH RD GLENDALE	2125 GILEAD CHURCH R
191-00-00-003	LOT 20A & 20B GILEAD CHURCH RD GLENDALE	2125 GILEAD CHURCH R
191-00-00-004.02	BROWN	1141 GILEAD CHURCH R
207-00-00-018	HARDIN COUNTY KY	JAGGERS RD

GLENDALE ROUTING MAP
345 & 138 kV Circuits



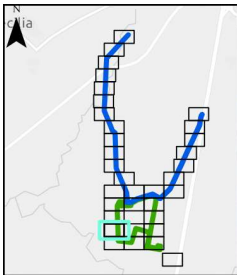
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0 250 500 Feet

KU Transmission Circuit Routing

- Voltage
 - 138 kV
- Proposed Structure Locations
- CPCN - 500FT
- FORD Surveyed Property Line
- Parcels
- Existing Easement
- Sewer ROW
- Existing Easement
- Sewer Line
- EKPC Transmission Circuit
- EKPC Existing ROW





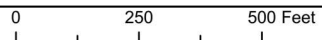
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191-00-00-003	LOT 20A & 20B GILEAD CHURCH RD GLENDALE	2125 GILEAD CHURCH RD
207-00-00-018	HARDIN COUNTY KY	JAGGERS RD



GLENDALE ROUTING MAP
345 & 138 kV Circuits



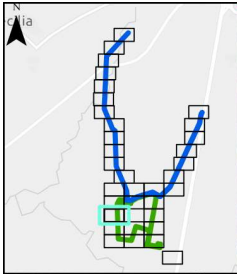
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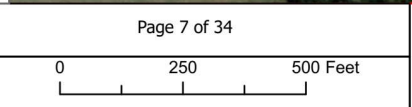
KU Transmission Circuit Routing

- | | | | |
|-------------------------------|--------------------------------|---------------------|-----------------------------|
| Voltage | □ Proposed Structure Locations | ▭ Parcels | ▭ Sewer ROW |
| — 138 kV | ▭ CPCN - 500FT | ▭ Existing Easement | ▭ EKPC Transmission Circuit |
| — FORD Surveyed Property Line | ▭ Edge of ROW | ▭ Sewer Line | ▭ EKPC Existing ROW |





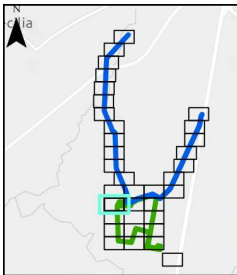
GLENDALE ROUTING MAP
345 & 138 kV Circuits



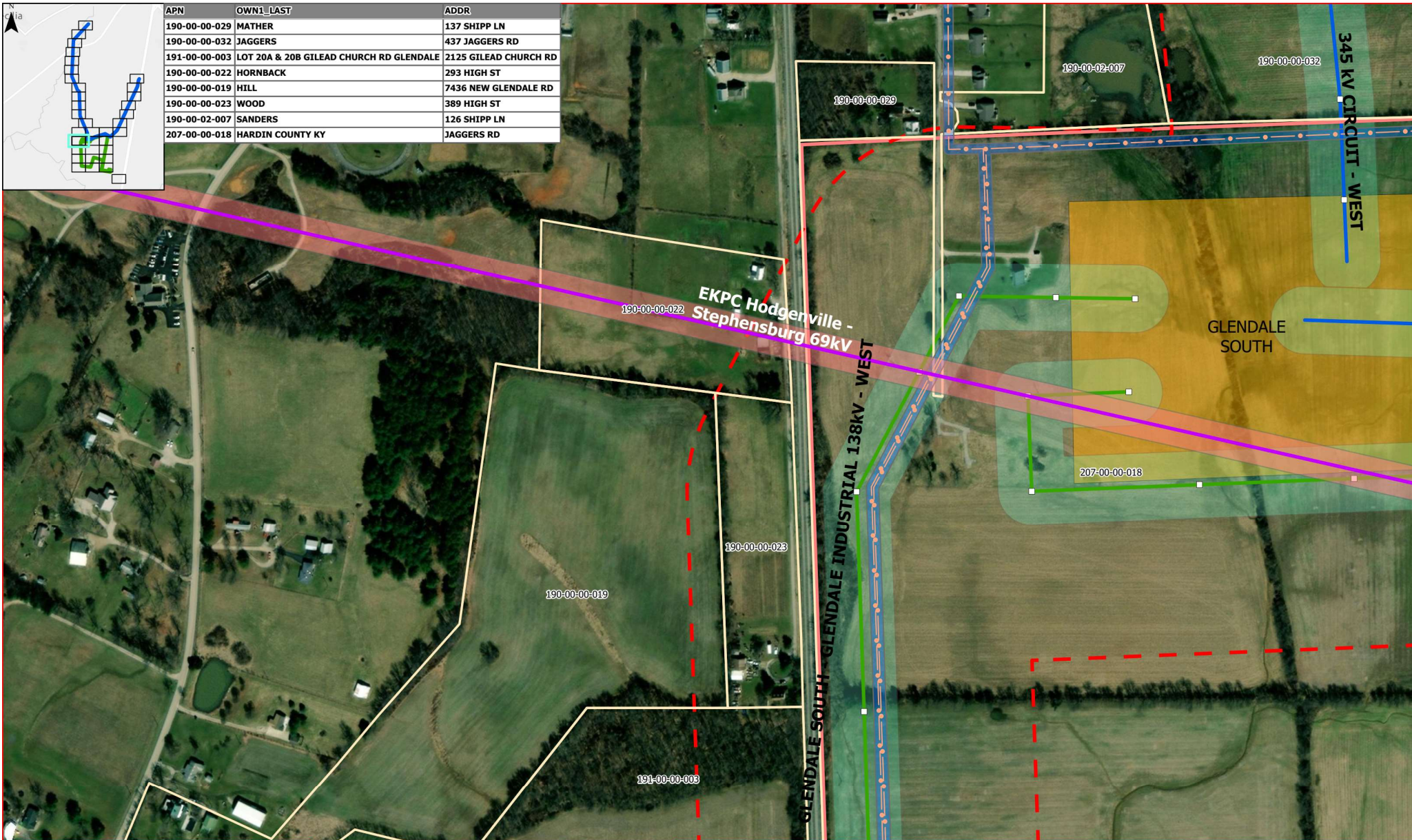
KU Transmission Circuit Routing

Voltage	Proposed Structure Locations	Parcels	Sewer ROW
138 kV	CPCM - 500FT	Existing Easement	EKPC Transmission Circuit
FORD Surveyed Property Line	Edge of ROW	Sewer Line	EKPC Existing ROW





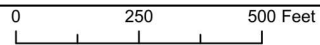
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190-00-00-032	JAGGERS	437 JAGGERS RD
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190-00-00-022	HORNBACK	293 HIGH ST
190-00-00-019	HILL	7436 NEW GLENDALE RD
190-00-00-023	WOOD	389 HIGH ST
190-00-02-007	SANDERS	126 SHIPP LN
207-00-00-018	HARDIN COUNTY KY	JAGGERS RD



GLENDALE ROUTING MAP
345 & 138 kV Circuits



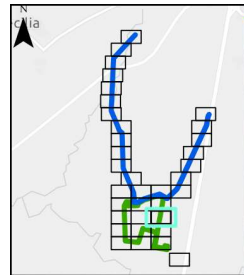
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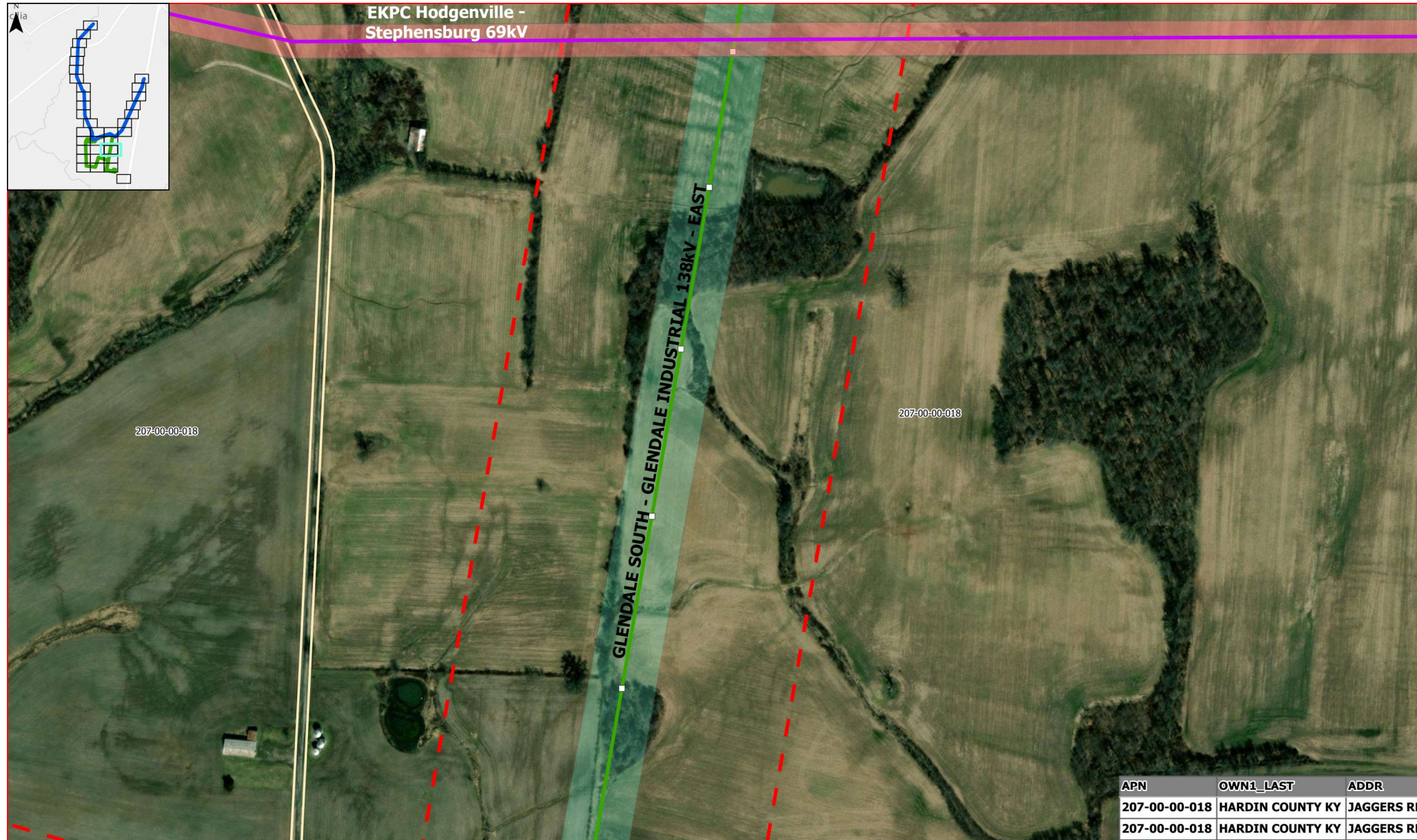
KU Transmission Circuit Routing

- | | | | |
|-----------------------------|------------------------------|------------------------------|---------------------------|
| Voltage | Proposed Structure Locations | Electric Substation Boundary | Sewer Line |
| 138 kV | CPCN - 500FT | Parcels | Sewer ROW |
| 345 kV | Edge of ROW | Existing Easement | EKPC Transmission Circuit |
| FORD Surveyed Property Line | | | EKPC Existing ROW |





EKPC Hodgenville -
Stephensburg 69kV

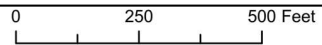


APN	OWN1_LAST	ADDR
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207-00-00-018	HARDIN COUNTY KY	JAGGERS R

GLENDALE ROUTING MAP
345 & 138 kV Circuits



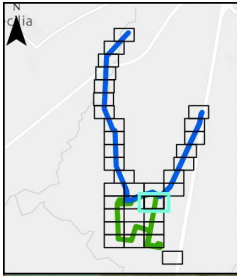
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KU Transmission Circuit Routing

- Voltage
 - 138 kV
- Proposed Structure Locations
- Parcels
- Sewer ROW
- CPCN - 500FT
- Edge of ROW
- Sewer Line
- Existing Easement
- EKPC Existing ROW
- EKPC Transmission Circuit



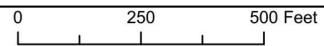


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207-00-00-030	HAGAN	1055 GLENDALE HODGENVILLE RD W
207-00-00-018	HARDIN COUNTY KY	JAGGERS RD
207-00-00-033	KERR	801 GLENDALE HODGENVILLE RD W
207-00-00-032	ASHE	883 GLENDALE HODGENVILLE RD W
207-00-00-018	HARDIN COUNTY KY	JAGGERS RD
207-00-00-032.01	COMMONWEALTH OF KENTUCKY	GLENDALE HODG RD E
207-00-00-032.02	ASHE	GLENDALE HODG RD W

GLENDALE ROUTING MAP
345 & 138 kV Circuits



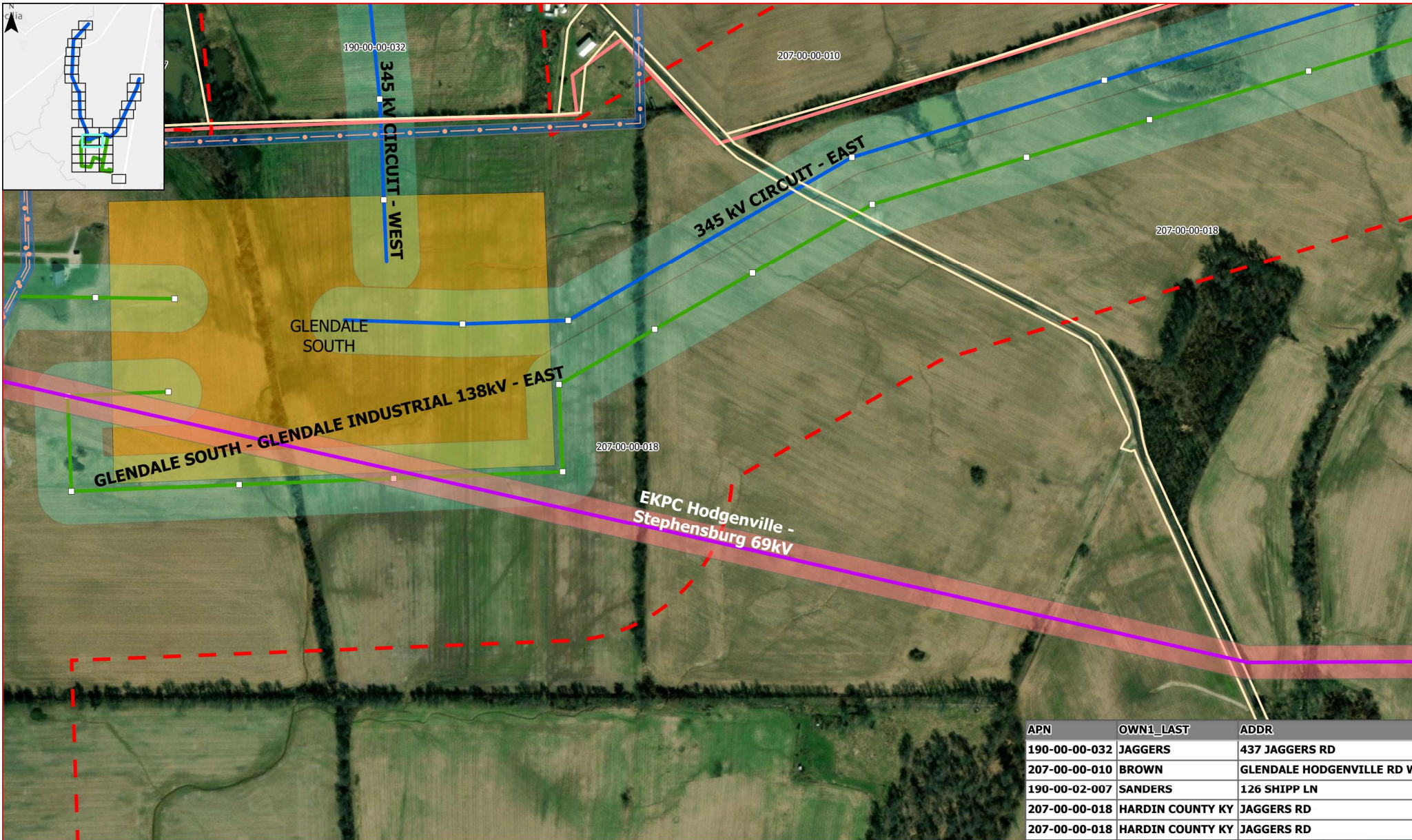
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KU Transmission Circuit Routing

- Voltage
 - 138 kV
 - 345 kV
- Proposed Structure Locations
- CPCN - 500FT
- Edge of ROW
- FORD Surveyed Property Line
- Parcels
- Existing Easement
- Sewer Line
- Sewer ROW
- EKPC Transmission Circuit
- EKPC Existing ROW



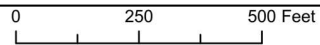


APN	OWN1_LAST	ADDR
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190-00-02-007	SANDERS	126 SHIPP LN
207-00-00-018	HARDIN COUNTY KY	JAGGERS RD
207-00-00-018	HARDIN COUNTY KY	JAGGERS RD

GLENDALE ROUTING MAP
345 & 138 kV Circuits



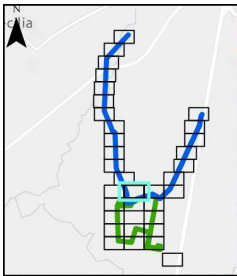
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KU Transmission Circuit Routing

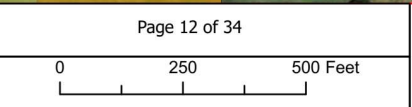
- Voltage
- 138 kV
- 345 kV
- FORD Surveyed Property Line
- Proposed Structure Locations
- CPCN - 500FT
- Edge of ROW
- Electric Substation Boundary
- Parcels
- Existing Easement
- Sewer Line
- Sewer ROW
- EKPC Transmission Circuit
- EKPC Existing ROW





APN	OWN1_LAST	ADDR
190-30-00-020	BROWN	GLENDALE HODGENVILLE RD
190-30-00-013	SEGO	E RAILROAD AVE
190-30-00-020.02	HOWLETT	452 E MAIN ST
190-30-00-020.01	BENNIES BARN LLC	434 E MAIN ST
190-30-00-019	WEST POINT BANK	436 E MAIN ST
190-30-00-030	COX	441 E MAIN ST
190-30-00-037	ASH	244 JAGGERS RD
190-30-00-026	YOUNG	459 E MAIN ST
190-00-00-032	JAGGERS	437 JAGGERS RD
190-00-00-034	HUTCHISON	466 JAGGERS RD
189-00-00-018.05	BEAVERS	NEW GLENDALE RD
207-00-00-010	BROWN	GLENDALE HODGENVILLE RD
190-00-02-007	SANDERS	126 SHIPP LN
207-00-00-018	HARDIN COUNTY KY	JAGGERS RD
207-00-00-018	HARDIN COUNTY KY	JAGGERS RD

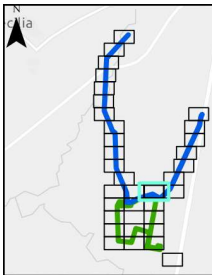
GLENDALE ROUTING MAP
345 & 138 kV Circuits



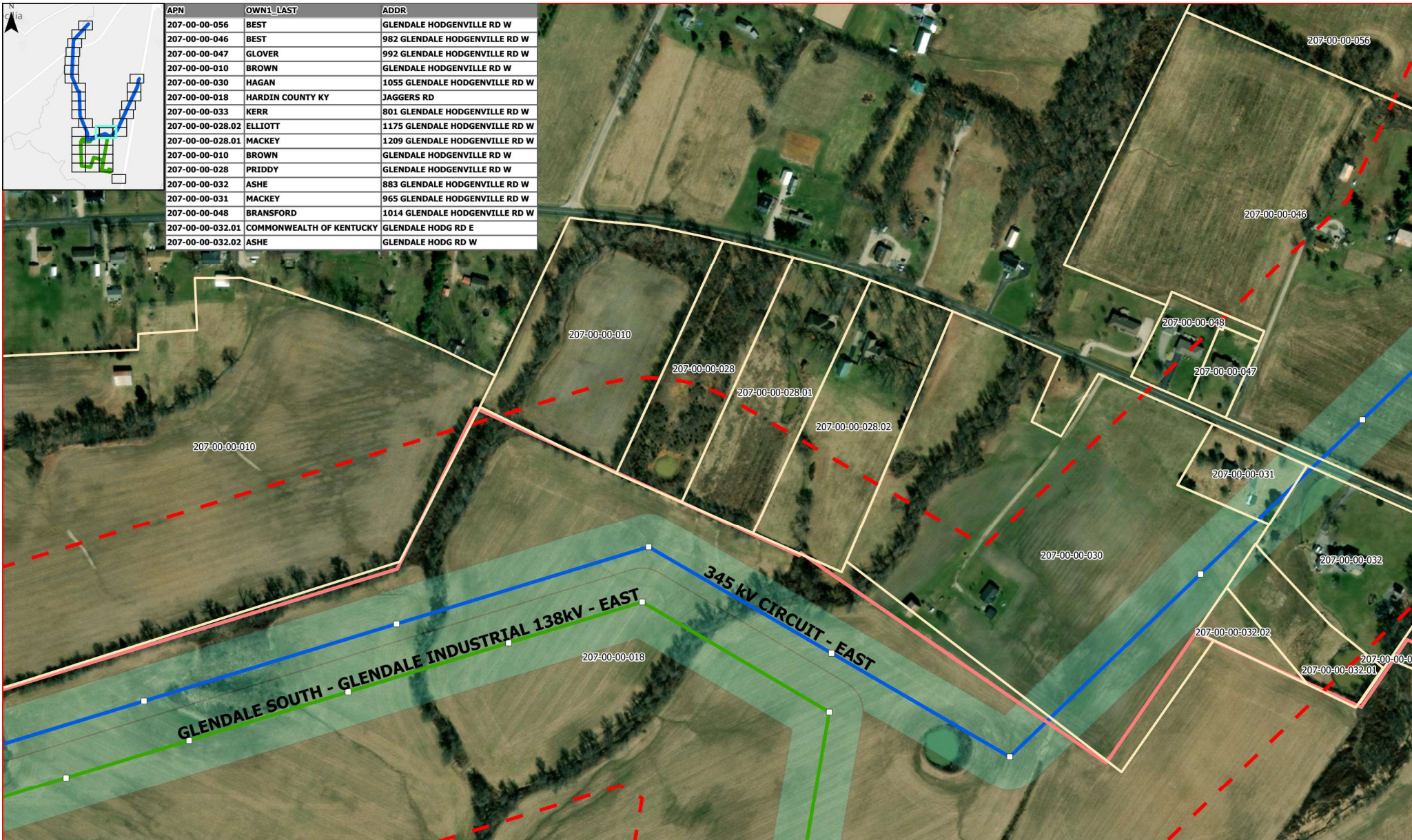
KU Transmission Circuit Routing

Voltage	Proposed Structure Locations	Electric Substation Boundary	Sewer Line
138 kV	CPCN - 500FT	Parcels	Sewer ROW
345 kV	Edge of ROW	Existing Easement	EKPC Transmission Circuit
FORD Surveyed Property Line			EKPC Existing ROW





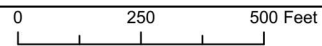
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207-00-00-047	GLOVER	992 GLENDALE HODGENVILLE RD W
207-00-00-010	BROWN	GLENDALE HODGENVILLE RD W
207-00-00-030	HAGAN	1055 GLENDALE HODGENVILLE RD W
207-00-00-018	HARDIN COUNTY KY	JAGGERS RD
207-00-00-033	KERR	801 GLENDALE HODGENVILLE RD W
207-00-00-028.02	ELLIOTT	1175 GLENDALE HODGENVILLE RD W
207-00-00-028.01	MACKEY	1209 GLENDALE HODGENVILLE RD W
207-00-00-010	BROWN	GLENDALE HODGENVILLE RD W
207-00-00-028	PRIDDY	GLENDALE HODGENVILLE RD W
207-00-00-032	ASHE	883 GLENDALE HODGENVILLE RD W
207-00-00-031	MACKEY	965 GLENDALE HODGENVILLE RD W
207-00-00-048	BRANSFORD	1014 GLENDALE HODGENVILLE RD W
207-00-00-032.01	COMMONWEALTH OF KENTUCKY	GLENDALE HODG RD E
207-00-00-032.02	ASHE	GLENDALE HODG RD W



GLENDALE ROUTING MAP
345 & 138 kV Circuits



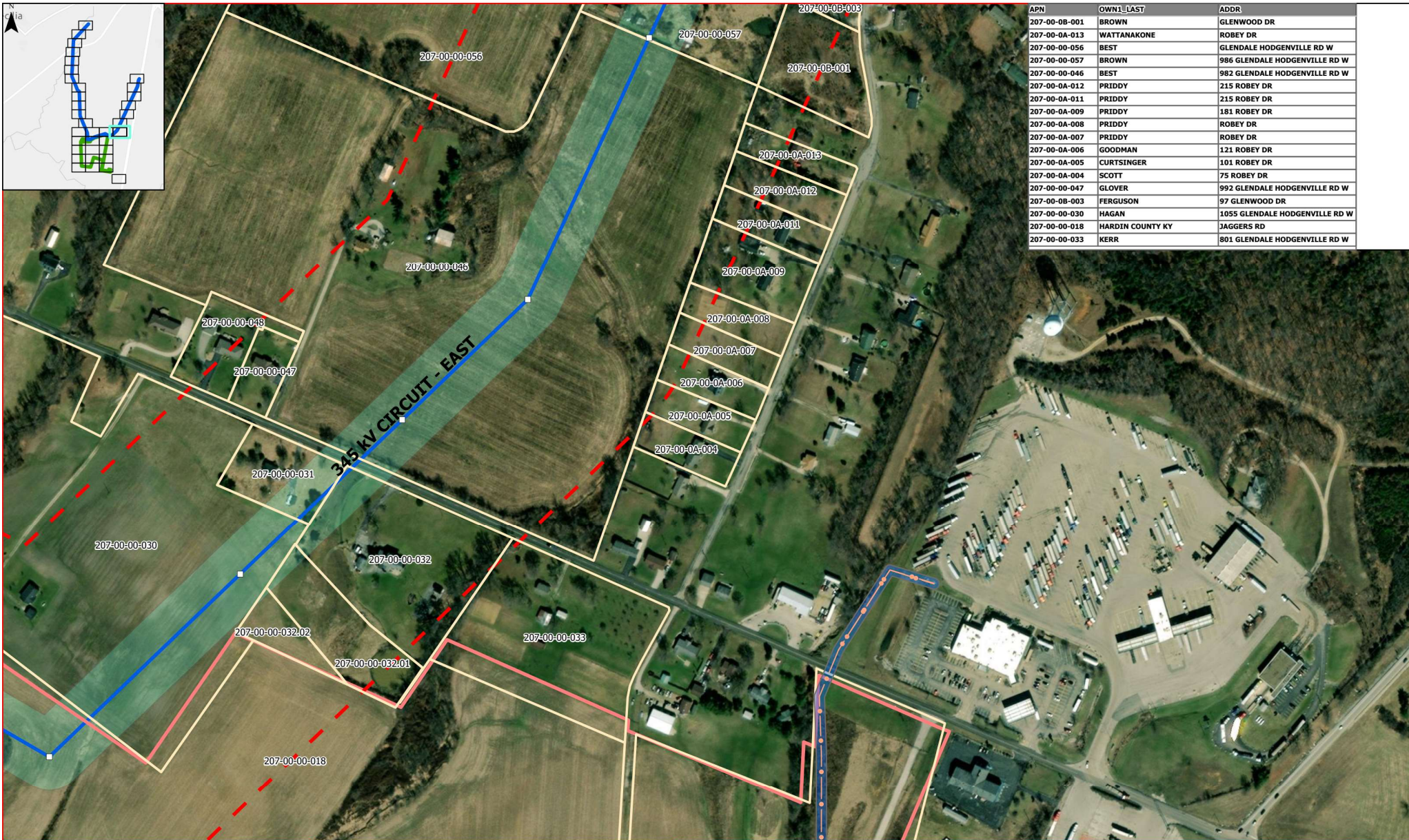
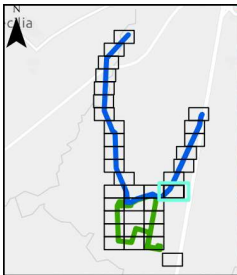
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KU Transmission Circuit Routing

- Voltage
 - 138 kV
 - 345 kV
- Proposed Structure Locations
- CPCN - 500FT
- Edge of ROW
- FORD Surveyed Property Line
- Parcels
- Existing Easement
- Sewer Line
- EKPC Transmission Circuit
- EKPC Existing ROW
- Sewer ROW



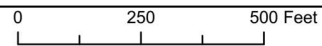


APN	OWN1_LAST	ADDR
207-00-08-001	BROWN	GLENWOOD DR
207-00-0A-013	WATTANAKONE	ROBEY DR
207-00-00-056	BEST	GLENDALE HODGENVILLE RD W
207-00-00-057	BROWN	986 GLENDALE HODGENVILLE RD W
207-00-00-046	BEST	982 GLENDALE HODGENVILLE RD W
207-00-0A-012	PRIDY	215 ROBEY DR
207-00-0A-011	PRIDY	215 ROBEY DR
207-00-0A-009	PRIDY	181 ROBEY DR
207-00-0A-008	PRIDY	ROBEY DR
207-00-0A-007	PRIDY	ROBEY DR
207-00-0A-006	GOODMAN	121 ROBEY DR
207-00-0A-005	CURTSINGER	101 ROBEY DR
207-00-0A-004	SCOTT	75 ROBEY DR
207-00-00-047	GLOVER	992 GLENDALE HODGENVILLE RD W
207-00-0B-003	FERGUSON	97 GLENWOOD DR
207-00-00-030	HAGAN	1055 GLENDALE HODGENVILLE RD W
207-00-00-018	HARDIN COUNTY KY	JAGGERS RD
207-00-00-033	KERR	801 GLENDALE HODGENVILLE RD W

GLENDALE ROUTING MAP
345 & 138 kV Circuits



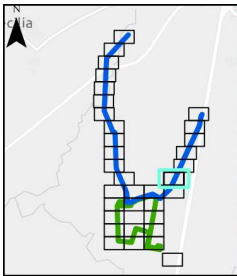
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KU Transmission Circuit Routing

- Voltage
 - 345 kV
- Proposed Structure Locations
- CPCN - 500FT
- FORD Surveyed Property Line
- Edge of ROW
- Parcels
- Existing Easement
- Sewer Line
- EKPC Existing ROW
- Sewer ROW
- EKPC Transmission Circuit



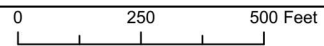


APN	OWN1_LAST	ADDR
207-00-00-001	BROWN	GLENWOOD DR
207-00-00-013	WATTANAKONE	ROBEY DR
207-00-00-056	BEST	GLENDALE HODGENVILLE RD W
207-00-00-058	THOMAS	GLENDALE HODGENVILLE RD W
207-00-00-057	BROWN	986 GLENDALE HODGENVILLE RD W
207-00-00-046	BEST	982 GLENDALE HODGENVILLE RD W
207-00-00-012	PRIDY	215 ROBEY DR
207-00-00-011	PRIDY	215 ROBEY DR
207-00-00-009	PRIDY	181 ROBEY DR
207-00-00-033	GOODMAN	131 GLENWOOD DR
207-00-00-003	FERGUSON	97 GLENWOOD DR
206-00-00-033	KAPLAN	MUD SPLASH RD
207-00-00-059	CLYDE	199 GLENWOOD DR
207-00-00-059.01	MASCHINO	221 GLENWOOD DR
206-00-00-032	BAUMGARDNER	1428 MUD SPLASH RD

GLENDALE ROUTING MAP
345 & 138 kV Circuits



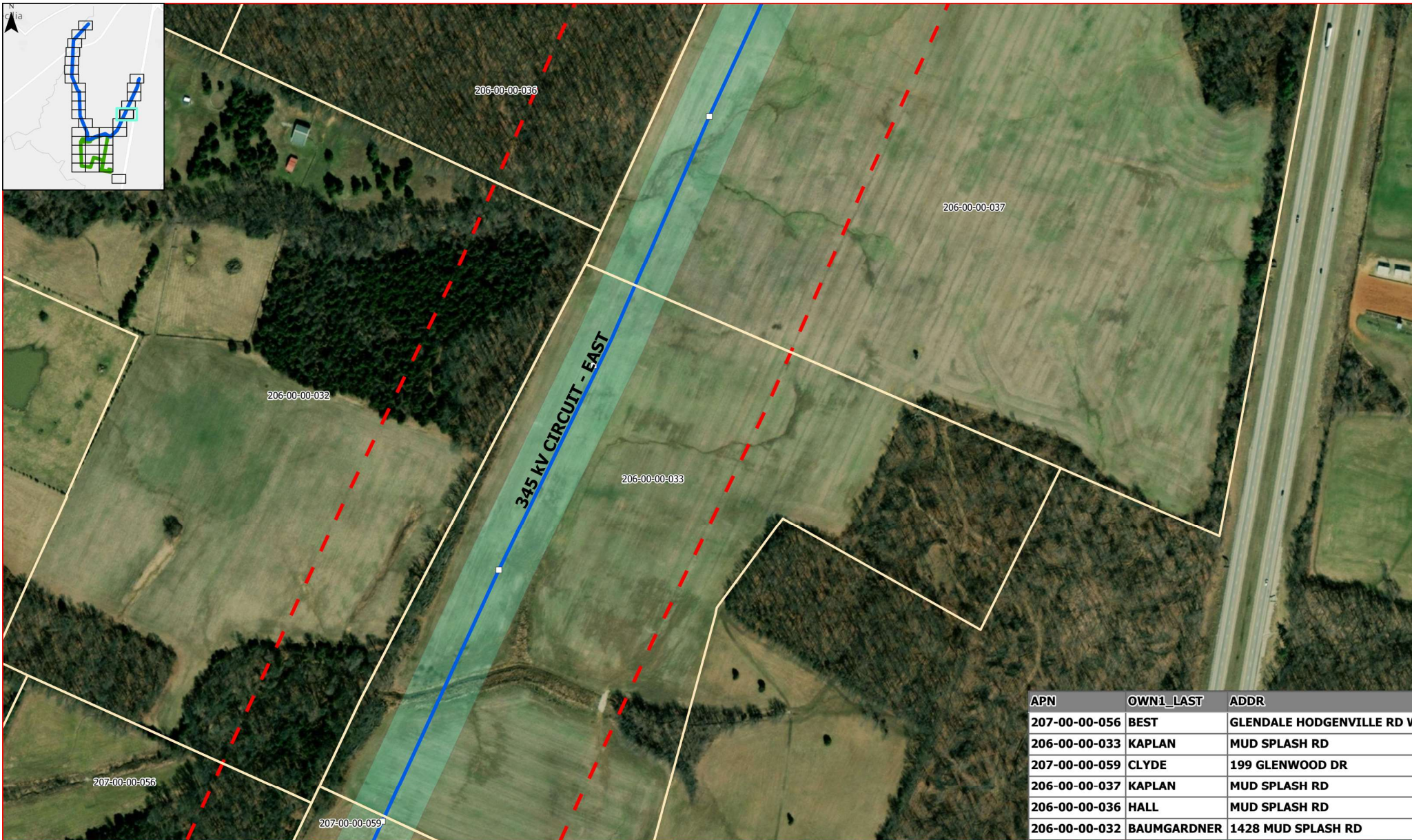
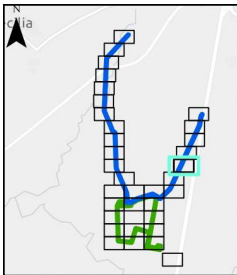
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KU Transmission Circuit Routing

- Voltage
- 345 kV
- Proposed Structure Locations
- CPCN - 500FT
- Edge of ROW
- Parcels
- Sewer Line
- Sewer ROW
- Existing Easement
- Sewer Line
- EKPC Transmission Circuit
- EKPC Existing ROW



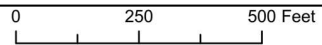


APN	OWN1_LAST	ADDR
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206-00-00-033	KAPLAN	MUD SPLASH RD
207-00-00-059	CLYDE	199 GLENWOOD DR
206-00-00-037	KAPLAN	MUD SPLASH RD
206-00-00-036	HALL	MUD SPLASH RD
206-00-00-032	BAUMGARDNER	1428 MUD SPLASH RD

GLENDALE ROUTING MAP
345 & 138 kV Circuits



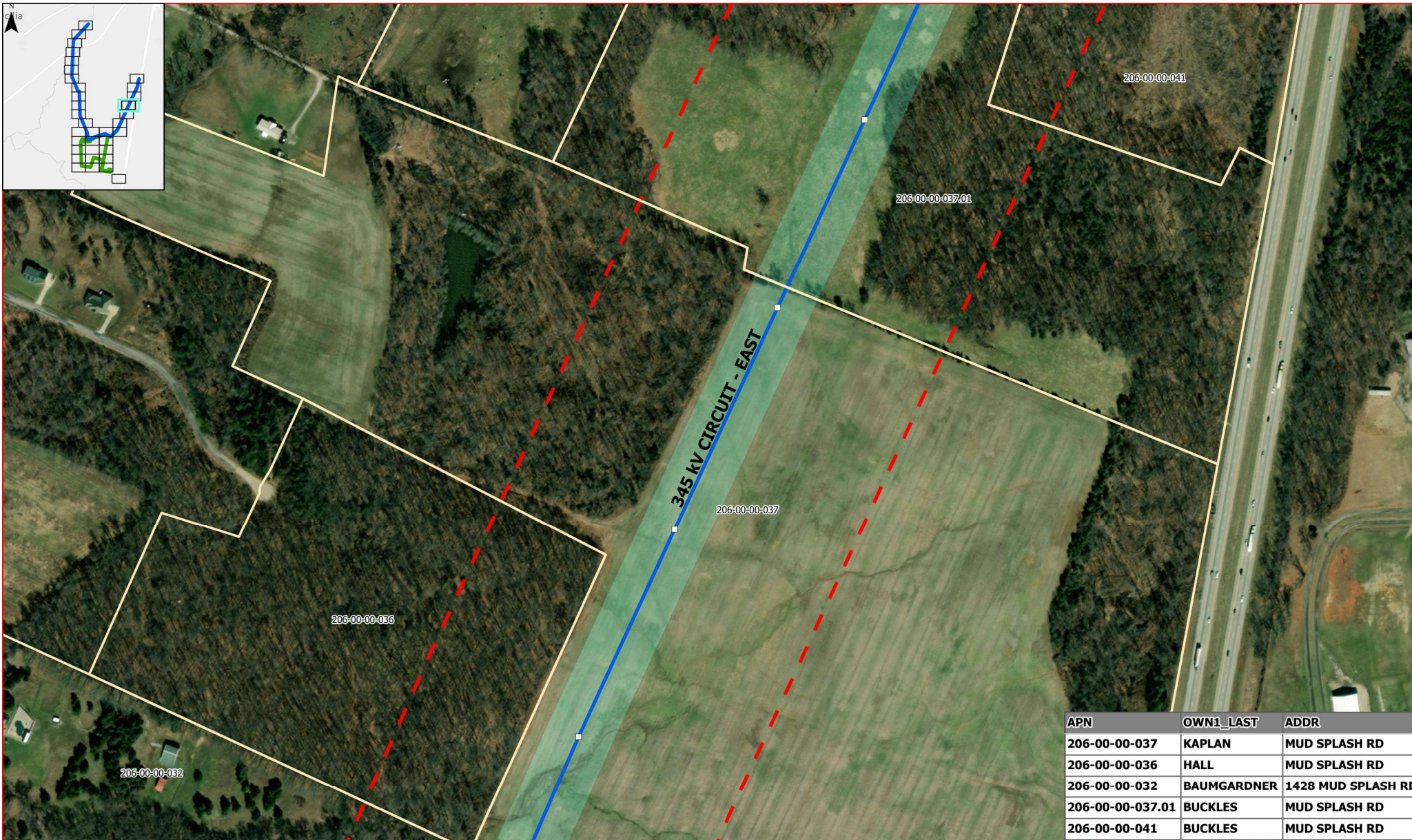
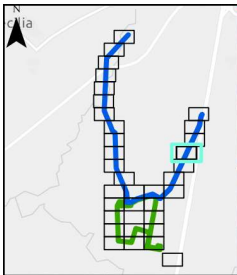
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KU Transmission Circuit Routing

- Voltage
 - 345 kV
- - - CPCN - 500FT
 - Edge of ROW
 - Proposed Structure Locations
 - Parcels
 - Sewer ROW
- Existing Easement
 - Sewer Line
 - EKPC Transmission Circuit
 - EKPC Existing ROW



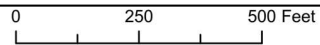


APN	OWN1_LAST	ADDR
206-00-00-037	KAPLAN	MUD SPLASH RD
206-00-00-036	HALL	MUD SPLASH RD
206-00-00-032	BAUMGARDNER	1428 MUD SPLASH RD
206-00-00-037.01	BUCKLES	MUD SPLASH RD
206-00-00-041	BUCKLES	MUD SPLASH RD

GLENDALE ROUTING MAP
345 & 138 kV Circuits



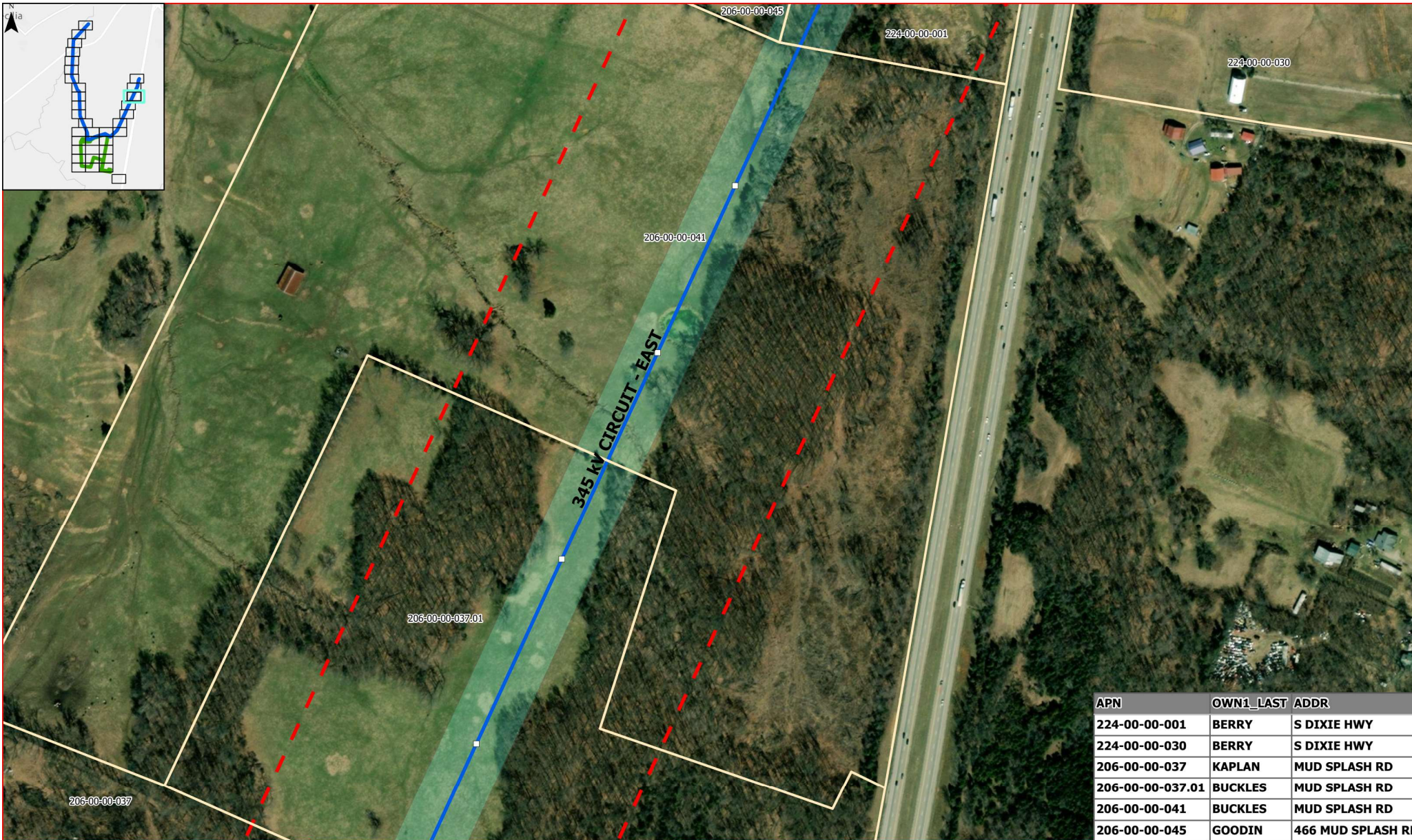
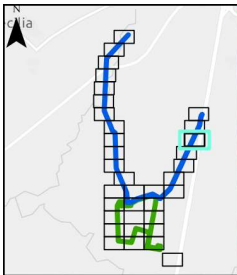
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KU Transmission Circuit Routing

- Voltage
 - 345 kV
- Proposed Structure Locations
- CPCN - 500FT
- Edge of ROW
- Parcels
- Existing Easement
- Sewer Line
- Sewer ROW
- EKPC Transmission Circuit
- EKPC Existing ROW



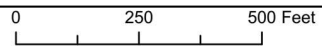


APN	OWN1_LAST	ADDR
224-00-00-001	BERRY	S DIXIE HWY
224-00-00-030	BERRY	S DIXIE HWY
206-00-00-037	KAPLAN	MUD SPLASH RD
206-00-00-037.01	BUCKLES	MUD SPLASH RD
206-00-00-041	BUCKLES	MUD SPLASH RD
206-00-00-045	GOODIN	466 MUD SPLASH RD

GLENDALE ROUTING MAP
345 & 138 kV Circuits



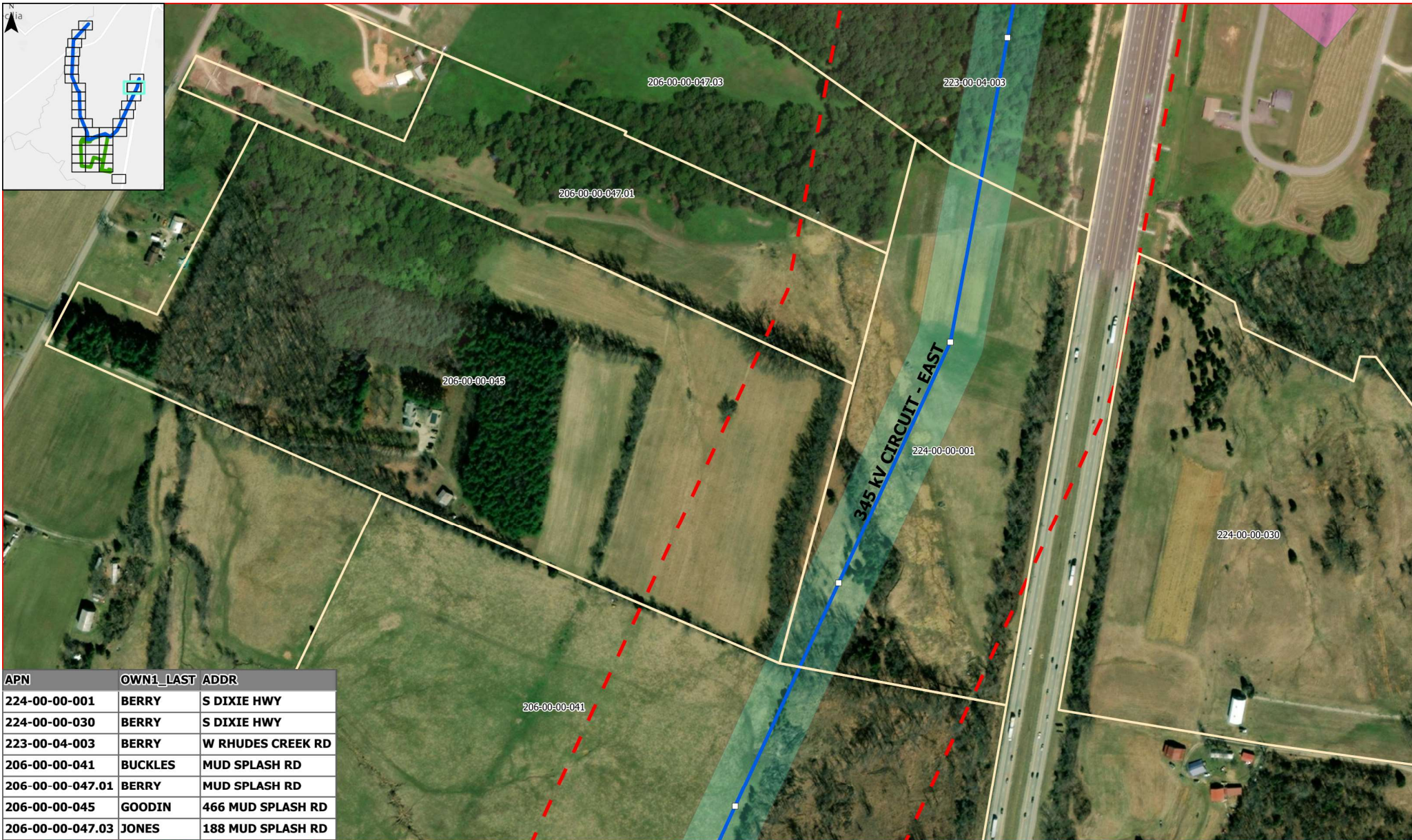
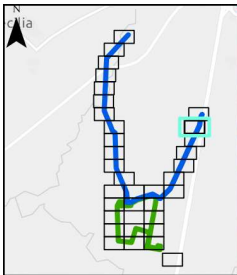
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KU Transmission Circuit Routing

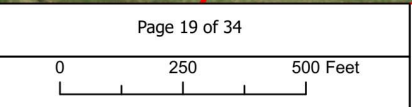
- Voltage
 - 345 kV
- CPCN - 500FT
 - Edge of ROW
 - Parcels
 - Sewer ROW
- Existing Easement
 - Sewer Line
 - EKPC Transmission Circuit
 - EKPC Existing ROW
- Proposed Structure Locations





APN	OWN1_LAST	ADDR
224-00-00-001	BERRY	S DIXIE HWY
224-00-00-030	BERRY	S DIXIE HWY
223-00-04-003	BERRY	W RHUDES CREEK RD
206-00-00-041	BUCKLES	MUD SPLASH RD
206-00-00-047.01	BERRY	MUD SPLASH RD
206-00-00-045	GOODIN	466 MUD SPLASH RD
206-00-00-047.03	JONES	188 MUD SPLASH RD

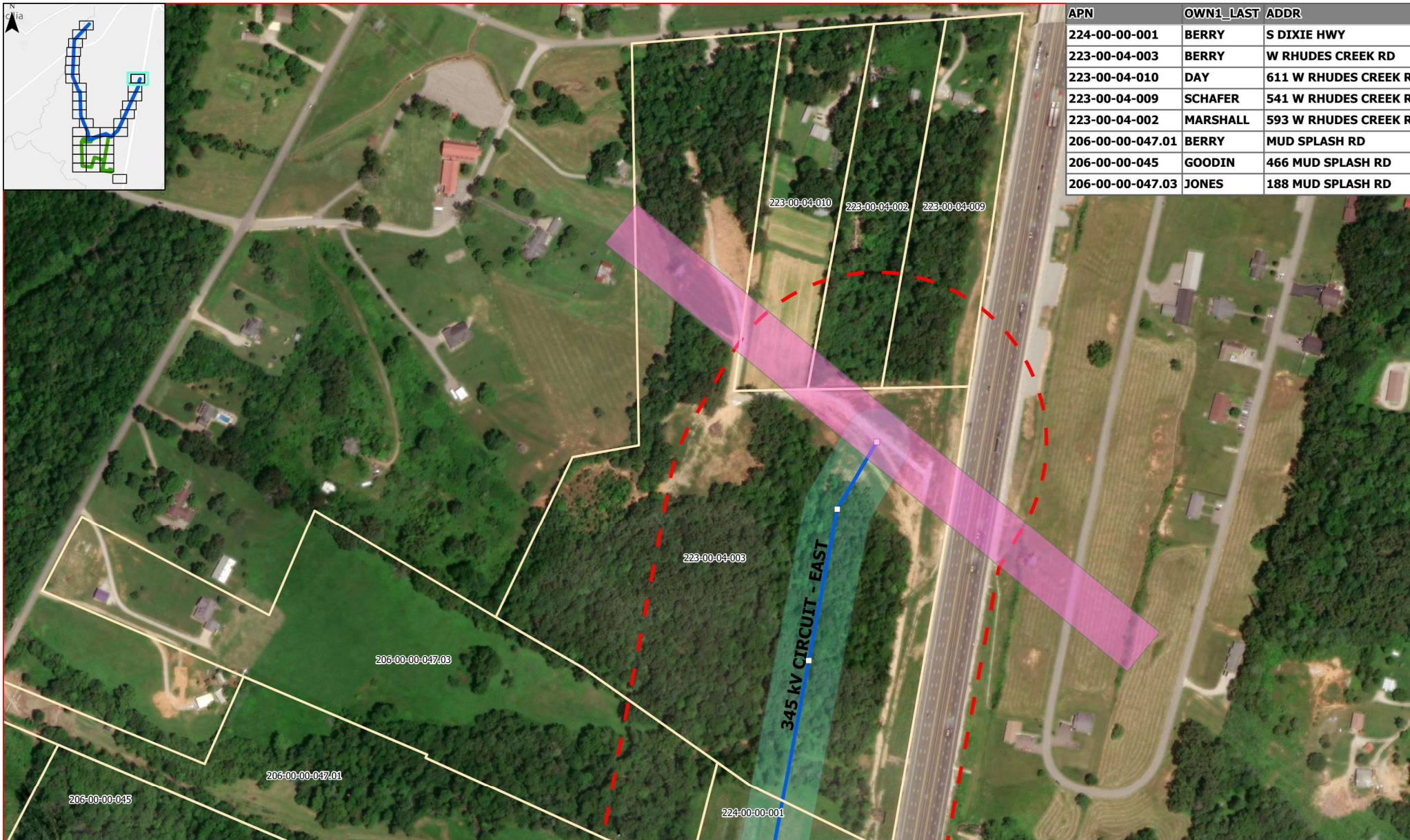
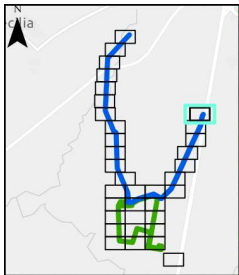
GLENDALE ROUTING MAP
345 & 138 kV Circuits



KU Transmission Circuit Routing

Voltage	CPCN - 500FT	Existing Easement	EKPC Transmission Circuit
345 kV	Edge of ROW	Sewer Line	EKPC Existing ROW
Proposed Structure Locations	Parcels	Sewer ROW	





APN	OWN1_LAST	ADDR
224-00-00-001	BERRY	S DIXIE HWY
223-00-04-003	BERRY	W RHUDES CREEK RD
223-00-04-010	DAY	611 W RHUDES CREEK R
223-00-04-009	SCHAFFER	541 W RHUDES CREEK R
223-00-04-002	MARSHALL	593 W RHUDES CREEK R
206-00-00-047.01	BERRY	MUD SPLASH RD
206-00-00-045	GOODIN	466 MUD SPLASH RD
206-00-00-047.03	JONES	188 MUD SPLASH RD

GLENDALE ROUTING MAP
345 & 138 kV Circuits



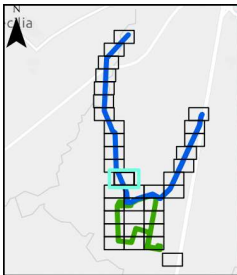
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0 250 500 Feet

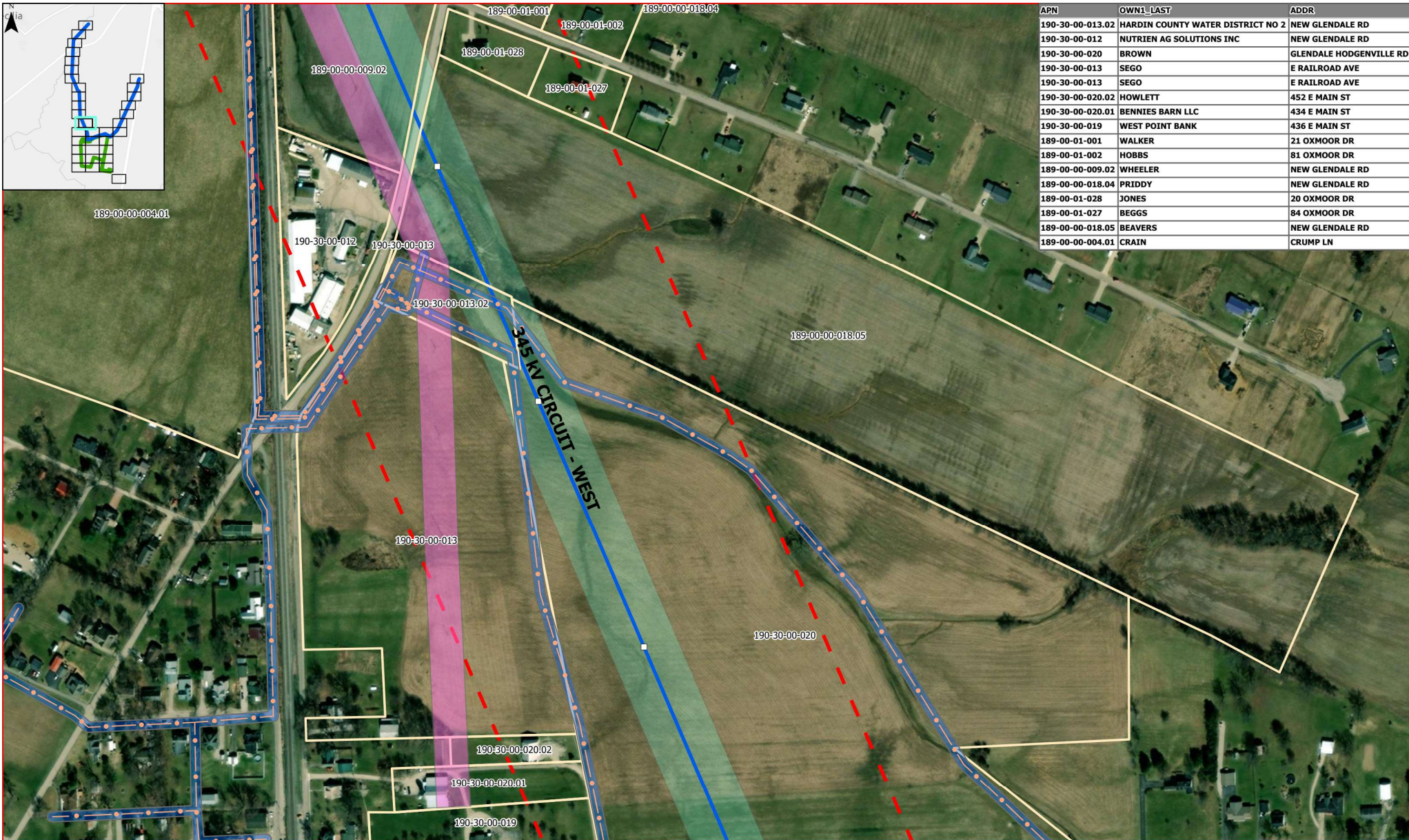
KU Transmission Circuit Routing

- Voltage
- 345 kV
- Proposed Structure Locations
- CPCN - 500FT
- Edge of ROW
- Existing Easement
- Sewer Line
- Sewer ROW
- EKPC Transmission Circuit
- EKPC Existing ROW
- Parcels





189-00-00-004.01

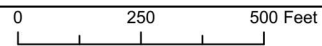


APN	OWN1_LAST	ADDR
190-30-00-013.02	HARDIN COUNTY WATER DISTRICT NO 2	NEW GLENDALE RD
190-30-00-012	NUTRIEN AG SOLUTIONS INC	NEW GLENDALE RD
190-30-00-020	BROWN	GLENDALE HODGENVILLE RD
190-30-00-013	SEGO	E RAILROAD AVE
190-30-00-013	SEGO	E RAILROAD AVE
190-30-00-020.02	HOWLETT	452 E MAIN ST
190-30-00-020.01	BENNIES BARN LLC	434 E MAIN ST
190-30-00-019	WEST POINT BANK	436 E MAIN ST
189-00-01-001	WALKER	21 OXMOOR DR
189-00-01-002	HOBBS	81 OXMOOR DR
189-00-00-009.02	WHEELER	NEW GLENDALE RD
189-00-00-018.04	PRIDY	NEW GLENDALE RD
189-00-01-028	JONES	20 OXMOOR DR
189-00-01-027	BEGGS	84 OXMOOR DR
189-00-00-018.05	BEAVERS	NEW GLENDALE RD
189-00-00-004.01	CRAIN	CRUMP LN

GLENDALE ROUTING MAP
345 & 138 kV Circuits



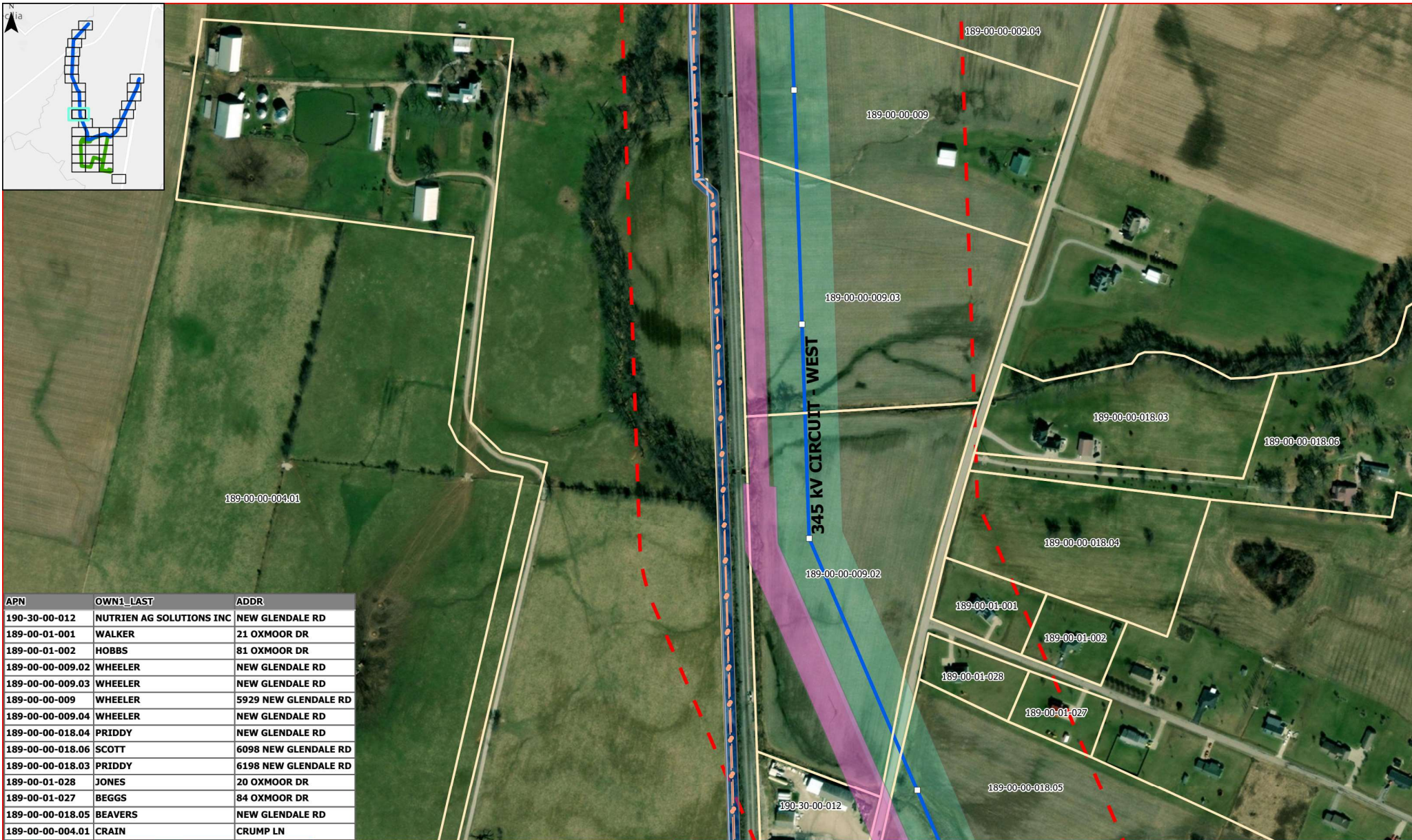
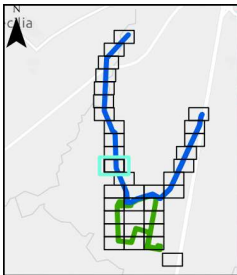
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KU Transmission Circuit Routing

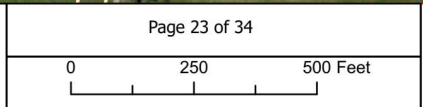
- Voltage
- 345 kV
- Proposed Structure Locations
- CPCN - 500FT
- Edge of ROW
- Parcels
- Sewer Line
- Sewer ROW
- Existing Easement
- EKPC Transmission Circuit
- EKPC Existing ROW





APN	OWN1_LAST	ADDR
190-30-00-012	NUTRIEN AG SOLUTIONS INC	NEW GLENDALE RD
189-00-01-001	WALKER	21 OXMOOR DR
189-00-01-002	HOBBS	81 OXMOOR DR
189-00-00-009.02	WHEELER	NEW GLENDALE RD
189-00-00-009.03	WHEELER	NEW GLENDALE RD
189-00-00-009	WHEELER	5929 NEW GLENDALE RD
189-00-00-009.04	WHEELER	NEW GLENDALE RD
189-00-00-018.04	PRIDDY	NEW GLENDALE RD
189-00-00-018.06	SCOTT	6098 NEW GLENDALE RD
189-00-00-018.03	PRIDDY	6198 NEW GLENDALE RD
189-00-01-028	JONES	20 OXMOOR DR
189-00-01-027	BEGGS	84 OXMOOR DR
189-00-00-018.05	BEAVERS	NEW GLENDALE RD
189-00-00-004.01	CRAIN	CRUMP LN

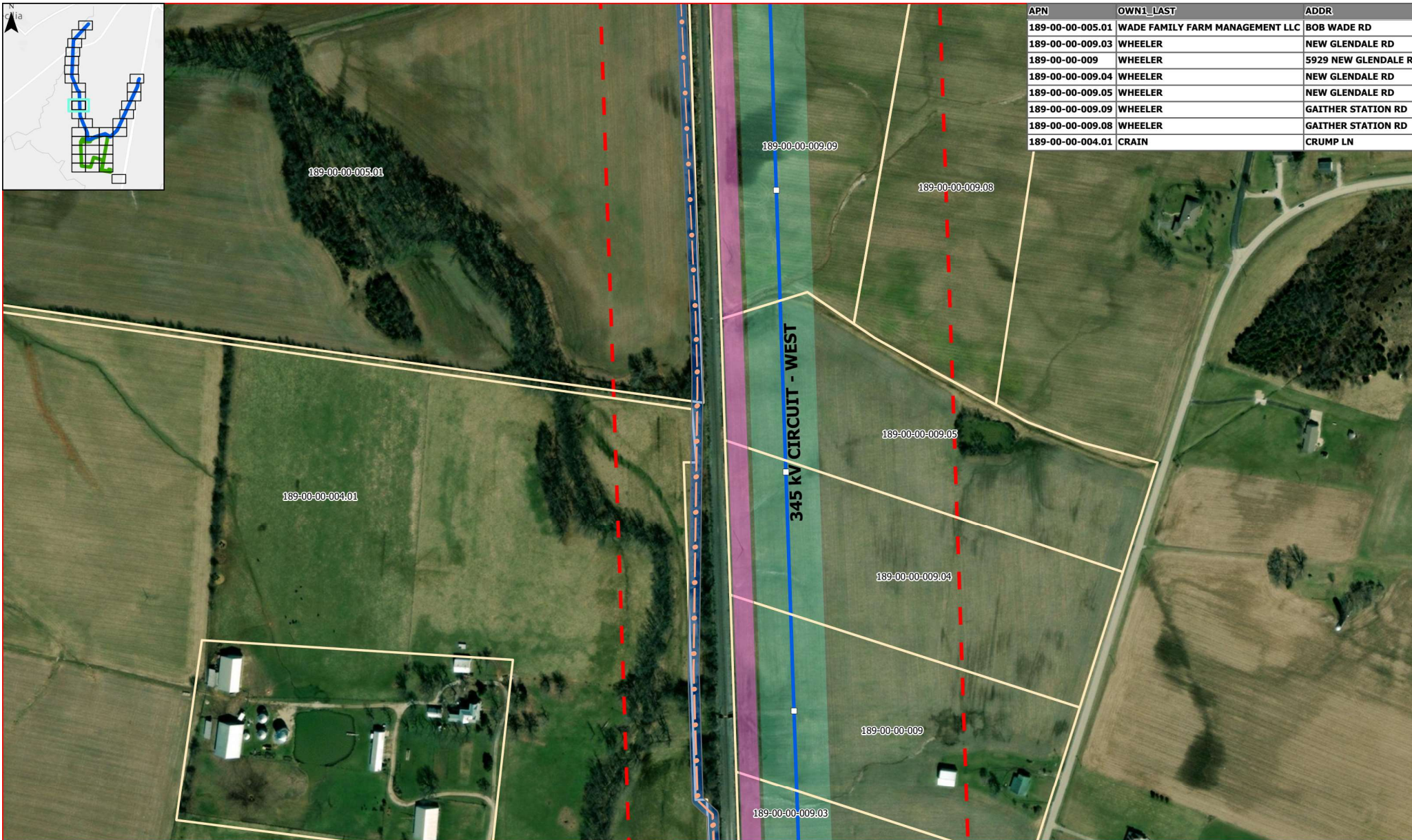
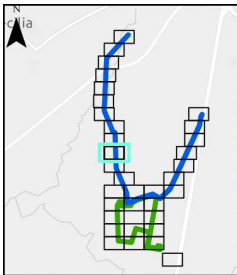
GLENDALE ROUTING MAP
345 & 138 kV Circuits



KU Transmission Circuit Routing

Voltage	█ CPCN - 500FT	█ Existing Easement	█ EKPC Transmission Circuit
█ 345 kV	█ Edge of ROW	█ Sewer Line	█ EKPC Existing ROW
□ Proposed Structure Locations	█ Parcels	█ Sewer ROW	



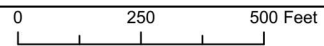


APN	OWN1_LAST	ADDR
189-00-00-005.01	WADE FAMILY FARM MANAGEMENT LLC	BOB WADE RD
189-00-00-009.03	WHEELER	NEW GLENDALE RD
189-00-00-009	WHEELER	5929 NEW GLENDALE RD
189-00-00-009.04	WHEELER	NEW GLENDALE RD
189-00-00-009.05	WHEELER	NEW GLENDALE RD
189-00-00-009.09	WHEELER	GAITHER STATION RD
189-00-00-009.08	WHEELER	GAITHER STATION RD
189-00-00-004.01	CRAIN	CRUMP LN

GLENDALE ROUTING MAP
345 & 138 kV Circuits



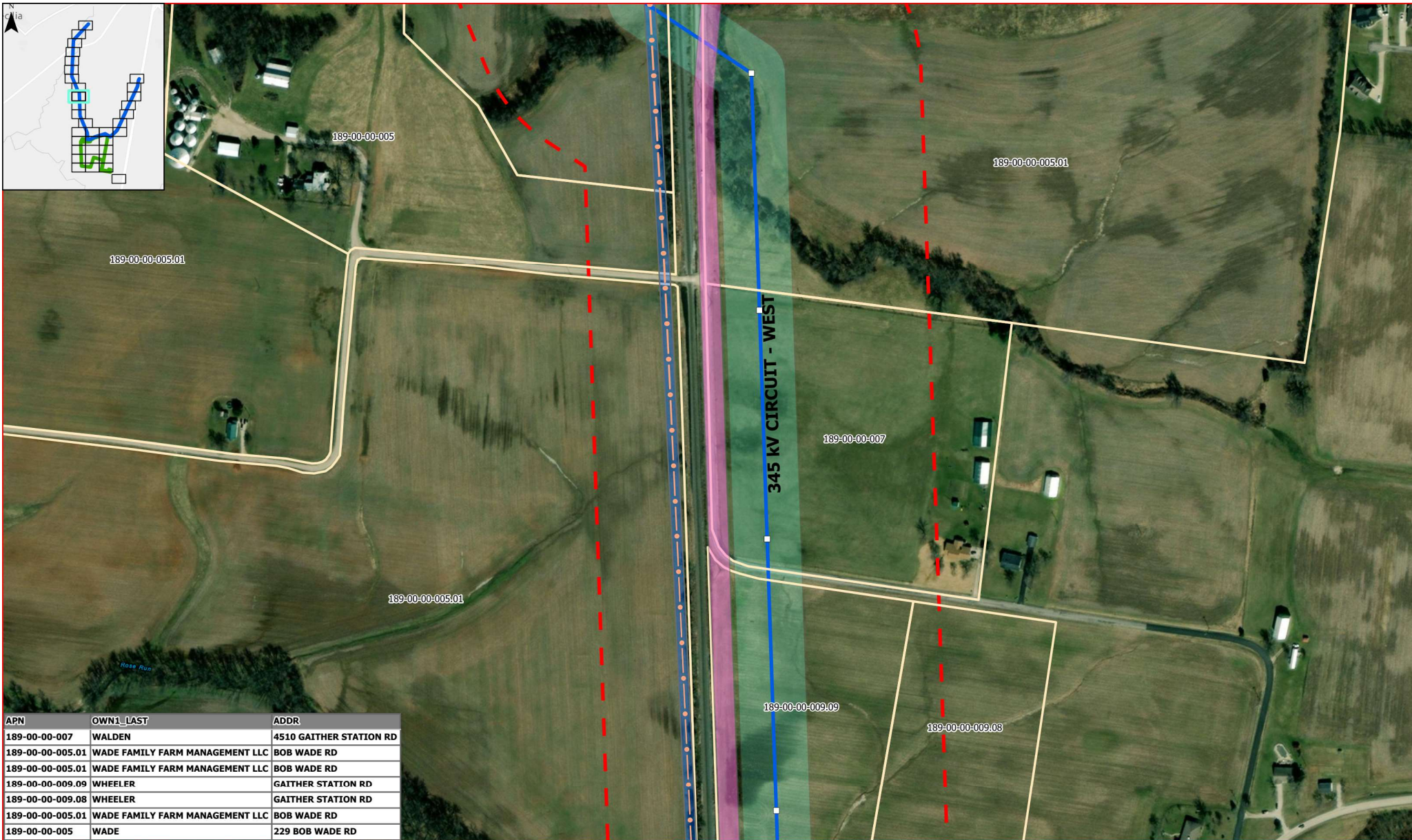
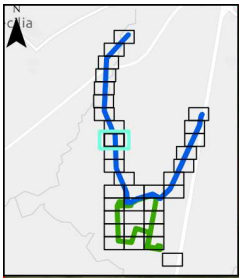
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KU Transmission Circuit Routing

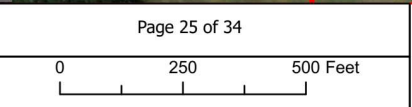
- Voltage
- 345 kV
- Proposed Structure Locations
- CPCN - 500FT
- Edge of ROW
- Parcels
- Sewer Line
- Sewer ROW
- Existing Easement
- Sewer Line
- EKPC Transmission Circuit
- EKPC Existing ROW





APN	OWN1_LAST	ADDR
189-00-00-007	WALDEN	4510 GAITHER STATION RD
189-00-00-005.01	WADE FAMILY FARM MANAGEMENT LLC	BOB WADE RD
189-00-00-005.01	WADE FAMILY FARM MANAGEMENT LLC	BOB WADE RD
189-00-00-009.09	WHEELER	GAITHER STATION RD
189-00-00-009.08	WHEELER	GAITHER STATION RD
189-00-00-005.01	WADE FAMILY FARM MANAGEMENT LLC	BOB WADE RD
189-00-00-005	WADE	229 BOB WADE RD

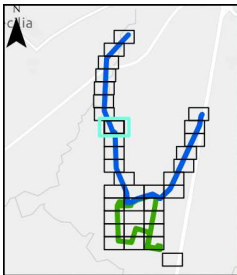
GLENDALE ROUTING MAP
345 & 138 kV Circuits



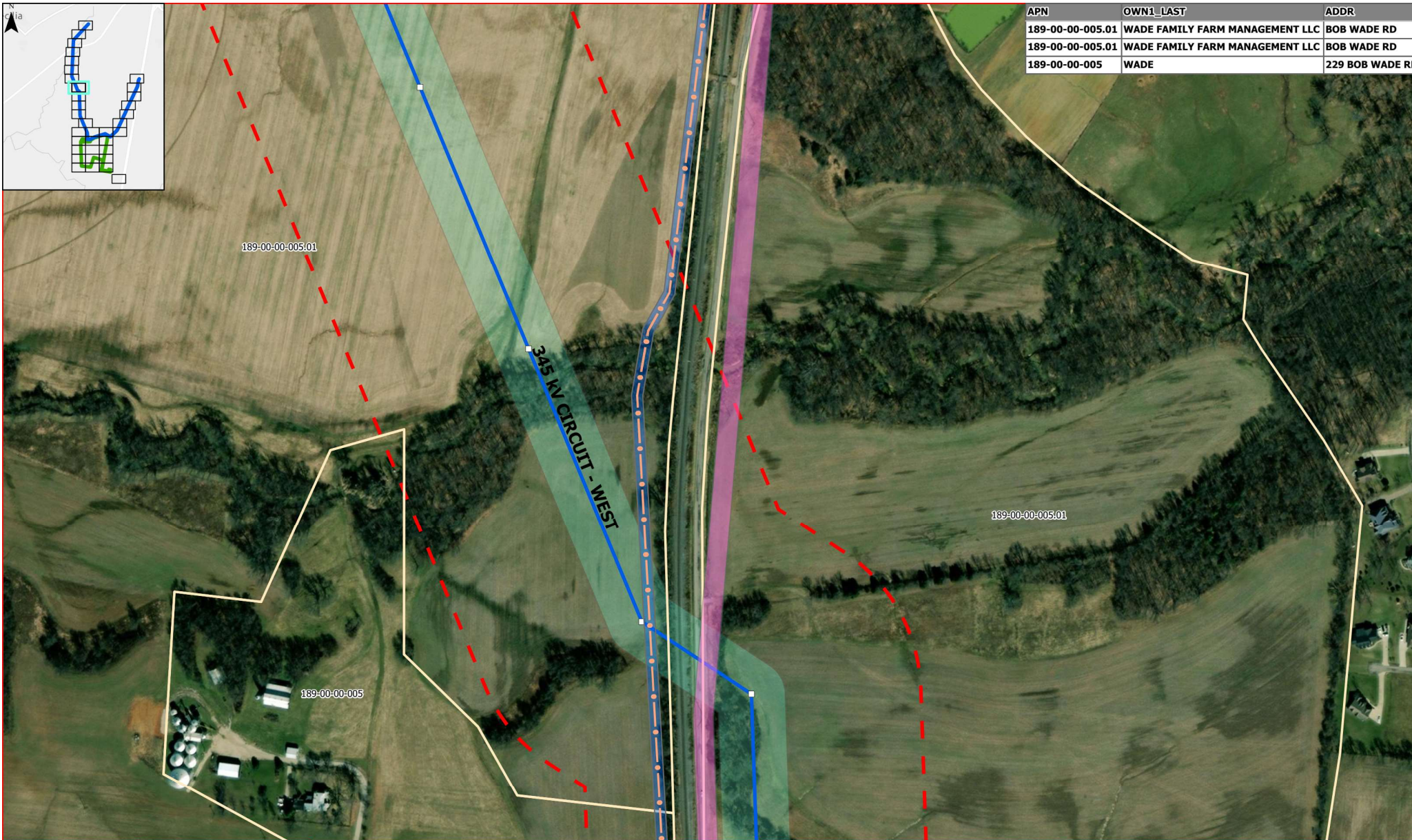
KU Transmission Circuit Routing

Voltage	CPCN - 500FT	Existing Easement	EKPC Transmission Circuit
345 kV	Edge of ROW	Sewer Line	EKPC Existing ROW
Proposed Structure Locations	Parcels	Sewer ROW	





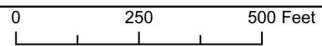
APN	OWN1_LAST	ADDR
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189-00-00-005.01	WADE FAMILY FARM MANAGEMENT LLC	BOB WADE RD
189-00-00-005	WADE	229 BOB WADE RD



GLENDALE ROUTING MAP
345 & 138 kV Circuits



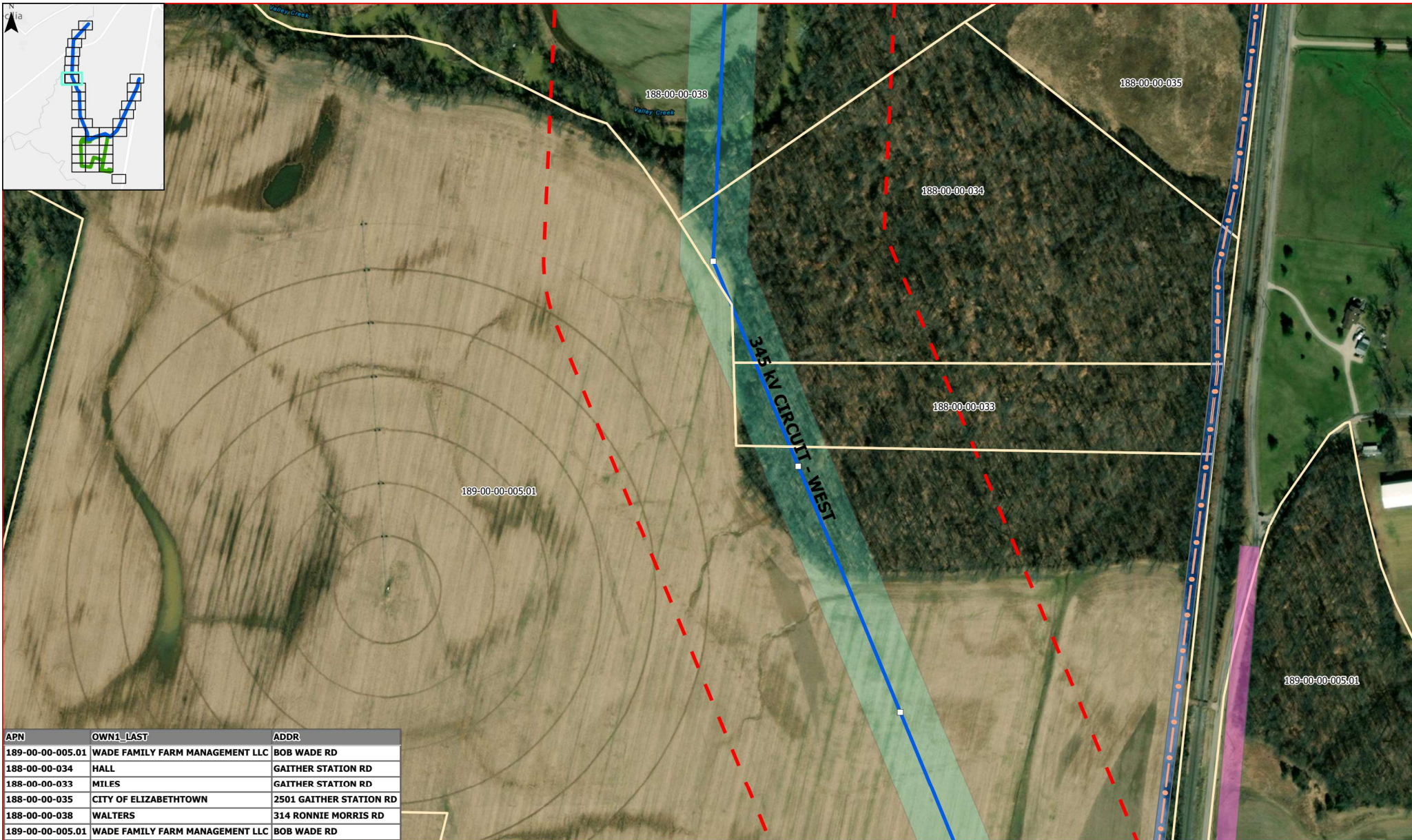
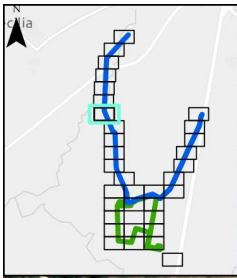
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KU Transmission Circuit Routing

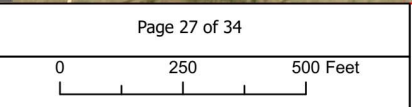
- | | | | |
|------------------------------|--------------|-------------------|---------------------------|
| Voltage | CPCN - 500FT | Existing Easement | EKPC Transmission Circuit |
| 345 kV | Edge of ROW | Sewer Line | EKPC Existing ROW |
| Proposed Structure Locations | Parcels | Sewer ROW | |





APN	OWN1_LAST	ADDR
189-00-00-005.01	WADE FAMILY FARM MANAGEMENT LLC	BOB WADE RD
188-00-00-034	HALL	GAITHER STATION RD
188-00-00-033	MILES	GAITHER STATION RD
188-00-00-035	CITY OF ELIZABETHTOWN	2501 GAITHER STATION RD
188-00-00-038	WALTERS	314 RONNIE MORRIS RD
189-00-00-005.01	WADE FAMILY FARM MANAGEMENT LLC	BOB WADE RD

GLENDALE ROUTING MAP
345 & 138 kV Circuits



KU Transmission Circuit Routing

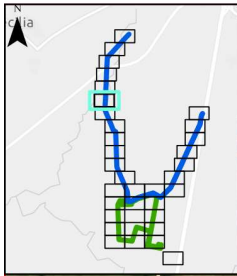
Voltage

- 345 kV

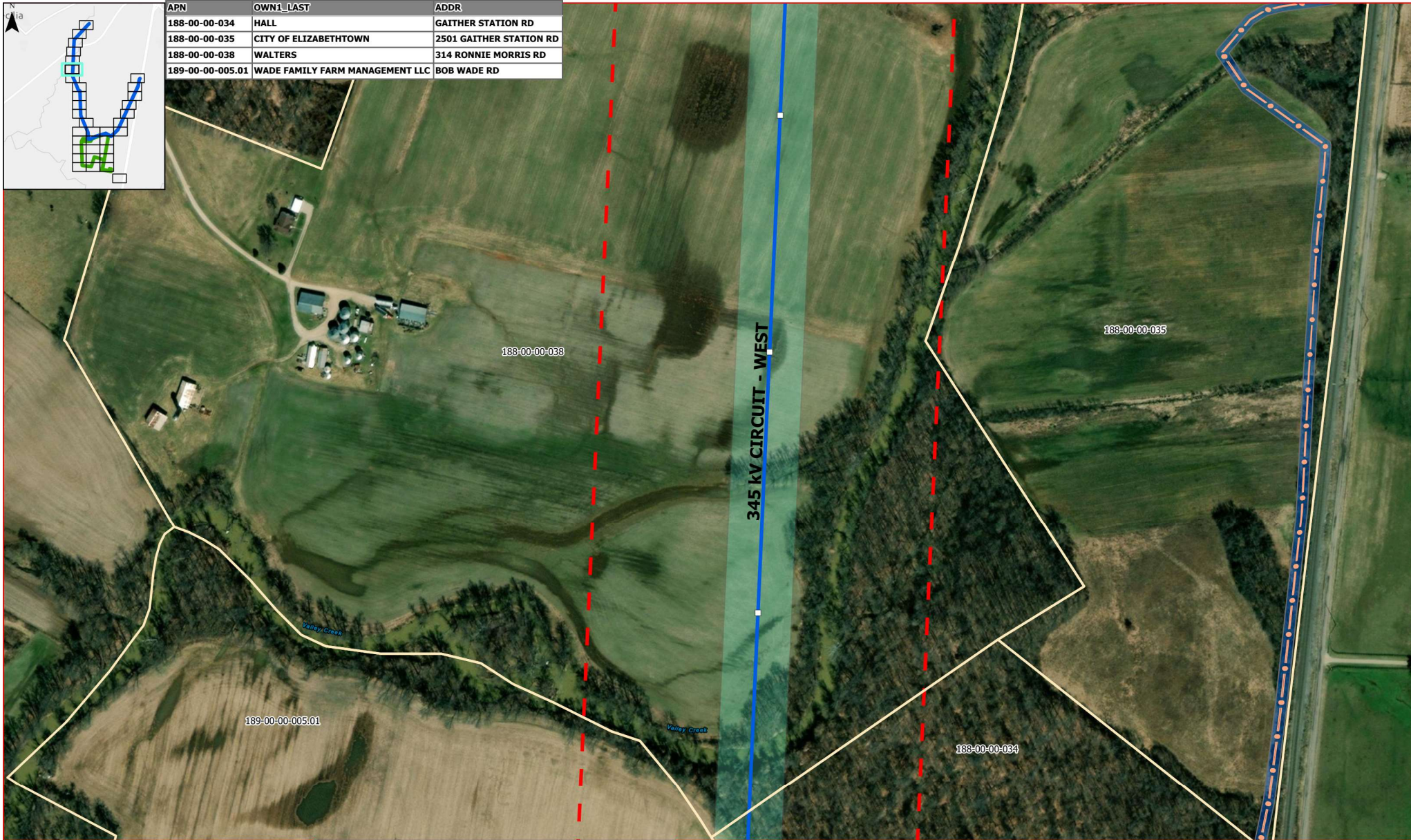
Proposed Structure Locations

- CPCN - 500FT
- Edge of ROW
- Parcels
- Existing Easement
- Sewer Line
- Sewer ROW
- EKPC Transmission Circuit
- EKPC Existing ROW





APN	OWN1_LAST	ADDR
188-00-00-034	HALL	GAITHER STATION RD
188-00-00-035	CITY OF ELIZABETHTOWN	2501 GAITHER STATION RD
188-00-00-038	WALTERS	314 RONNIE MORRIS RD
189-00-00-005.01	WADE FAMILY FARM MANAGEMENT LLC	BOB WADE RD



GLENDALE ROUTING MAP
345 & 138 kV Circuits



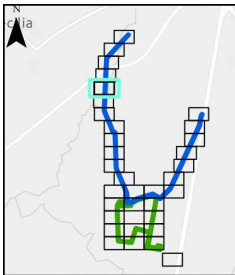
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0 250 500 Feet

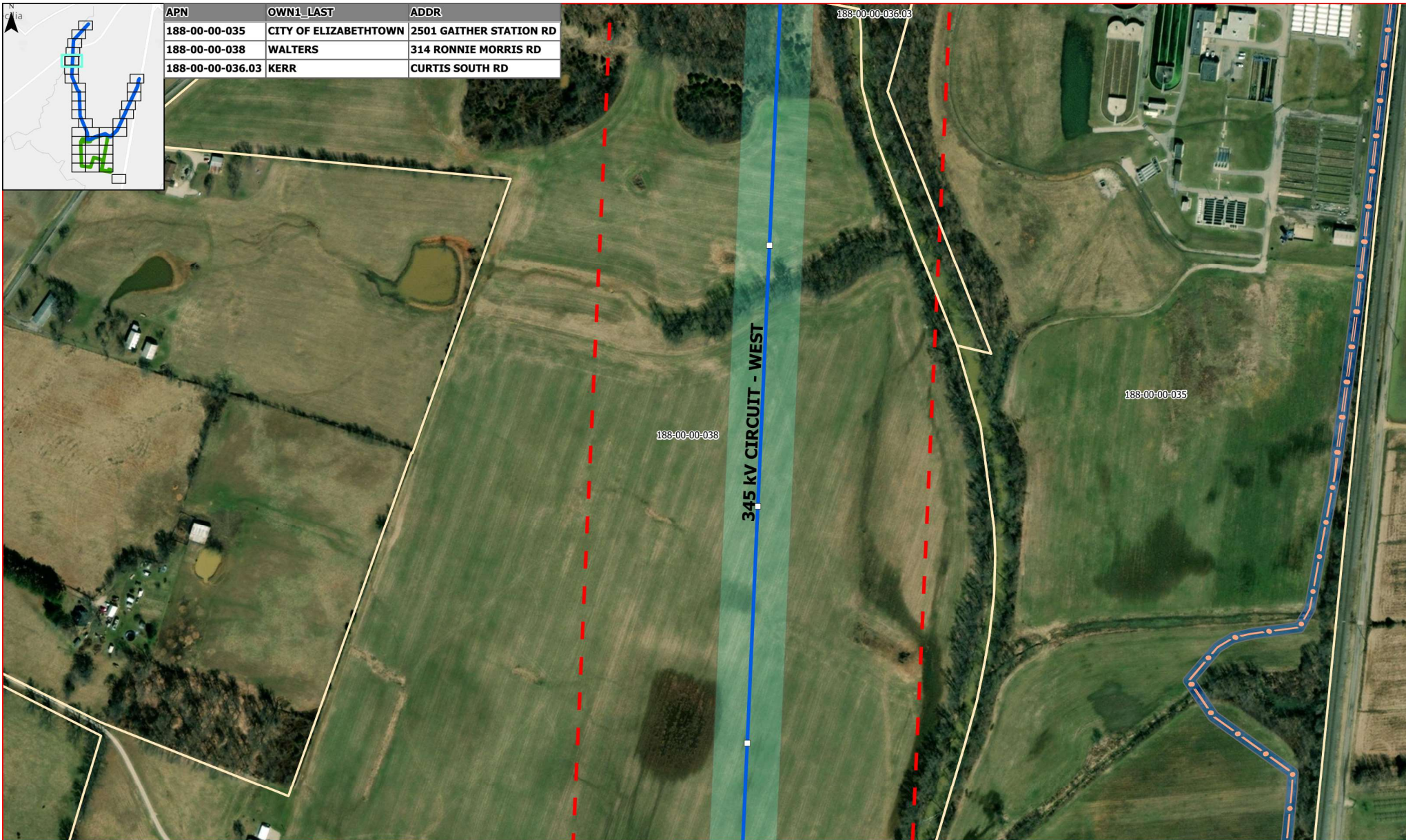
KU Transmission Circuit Routing

- Voltage
- 345 kV
- Proposed Structure Locations
- CPCN - 500FT
- Edge of ROW
- Parcels
- Existing Easement
- Sewer Line
- Sewer ROW
- EKPC Transmission Circuit
- EKPC Existing ROW

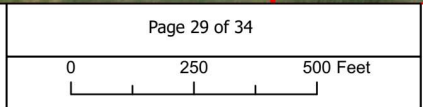




APN	OWN1_LAST	ADDR
188-00-00-035	CITY OF ELIZABETHTOWN	2501 GAITHER STATION RD
188-00-00-038	WALTERS	314 RONNIE MORRIS RD
188-00-00-036.03	KERR	CURTIS SOUTH RD



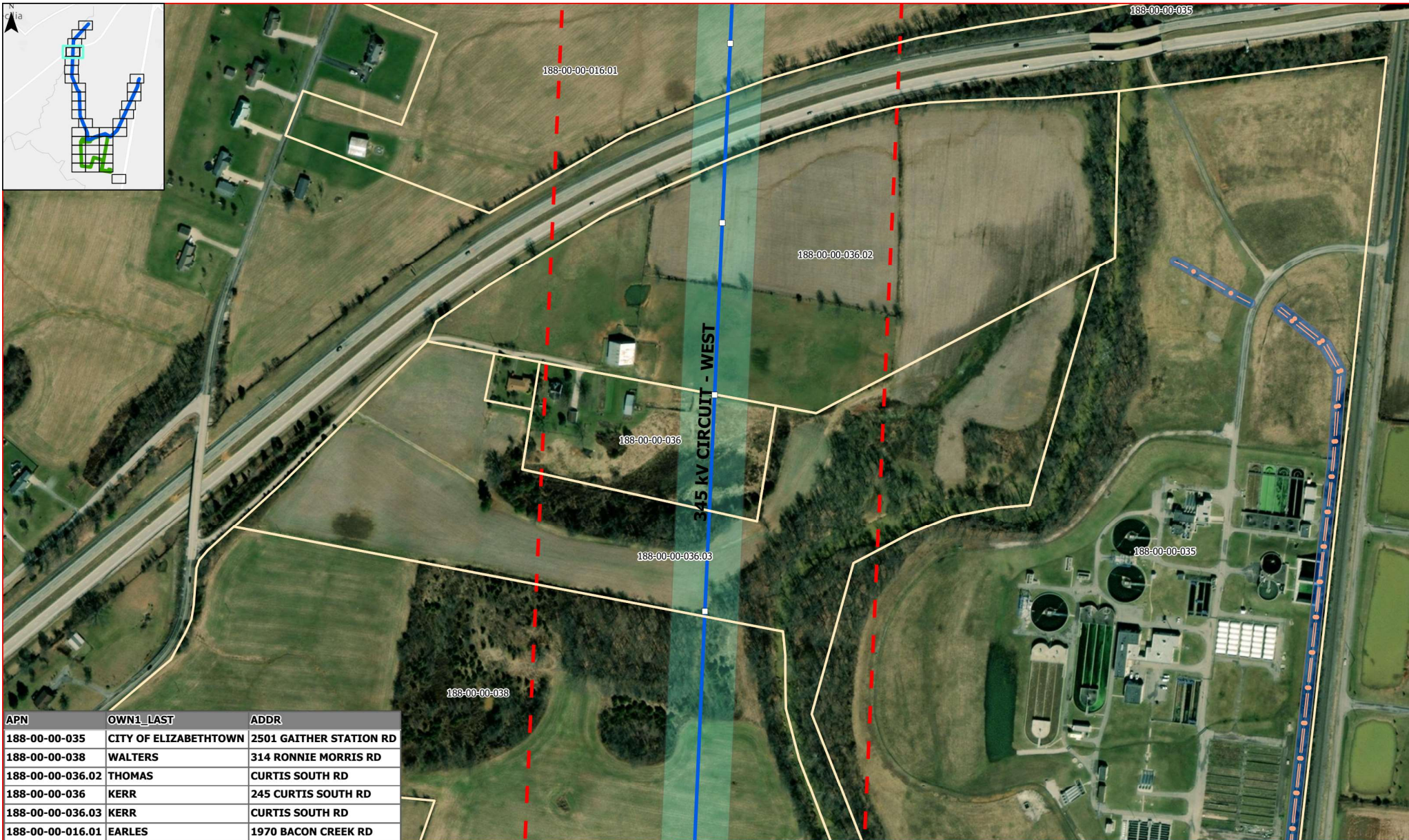
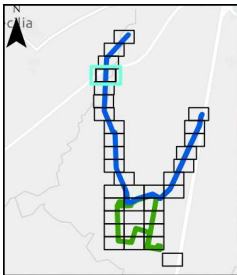
GLENDALE ROUTING MAP
345 & 138 kV Circuits



KU Transmission Circuit Routing

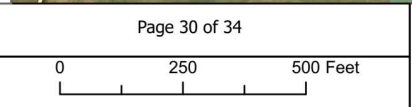
Voltage	CPCN - 500FT	Existing Easement	EKPC Transmission Circuit
345 kV	Edge of ROW	Sewer Line	EKPC Existing ROW
Proposed Structure Locations	Parcels	Sewer ROW	





APN	OWN1_LAST	ADDR
188-00-00-035	CITY OF ELIZABETHTOWN	2501 GAITHER STATION RD
188-00-00-038	WALTERS	314 RONNIE MORRIS RD
188-00-00-036.02	THOMAS	CURTIS SOUTH RD
188-00-00-036	KERR	245 CURTIS SOUTH RD
188-00-00-036.03	KERR	CURTIS SOUTH RD
188-00-00-016.01	EARLES	1970 BACON CREEK RD

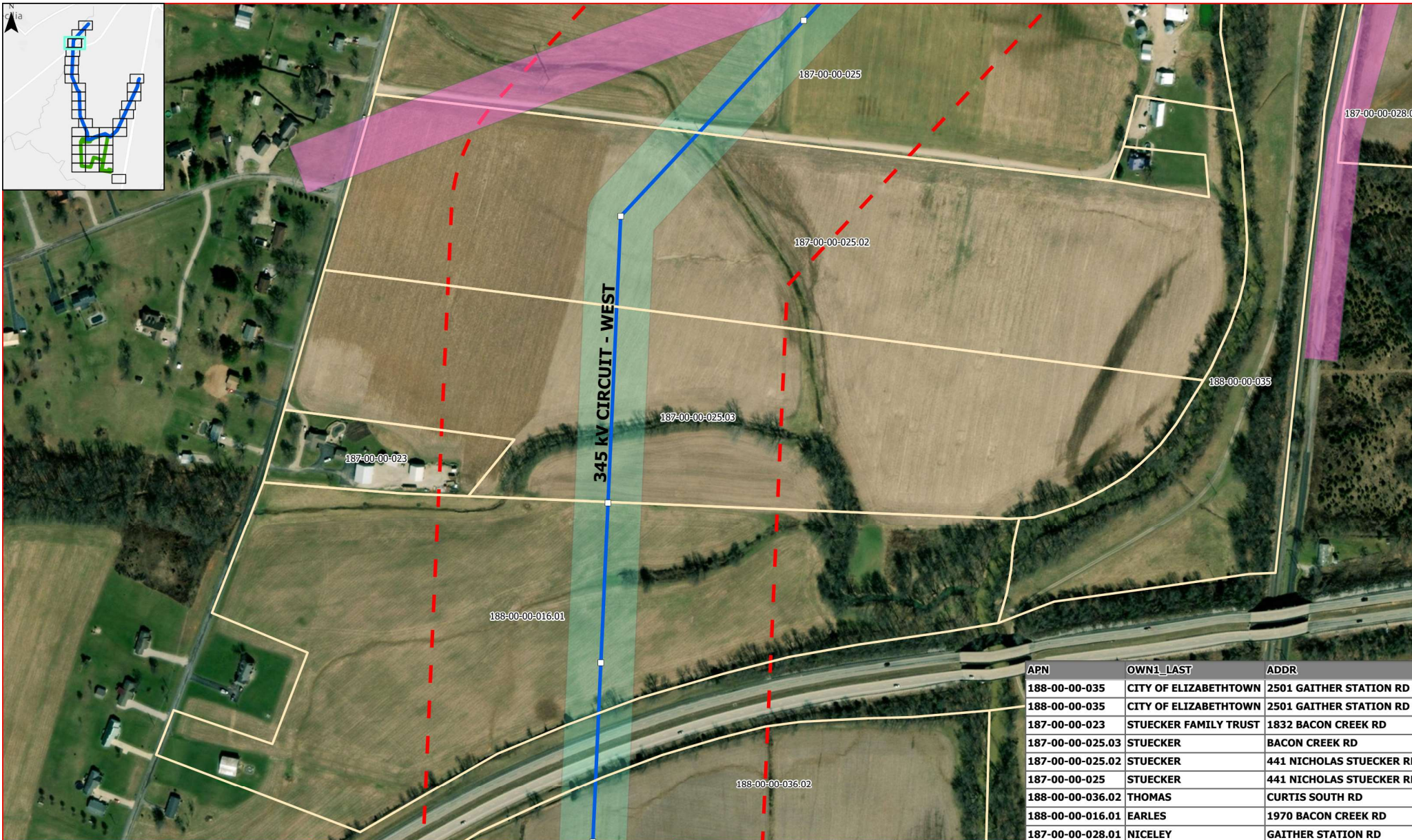
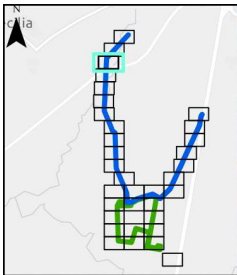
GLENDALE ROUTING MAP
345 & 138 kV Circuits



KU Transmission Circuit Routing

Voltage	█ CPCN - 500FT	█ Existing Easement	█ EKPC Transmission Circuit
█ 345 kV	█ Edge of ROW	█ Sewer Line	█ EKPC Existing ROW
□ Proposed Structure Locations	█ Parcels	█ Sewer ROW	



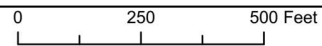


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188-00-00-035	CITY OF ELIZABETHTOWN	2501 GAITHER STATION RD
187-00-00-023	STUECKER FAMILY TRUST	1832 BACON CREEK RD
187-00-00-025.03	STUECKER	BACON CREEK RD
187-00-00-025.02	STUECKER	441 NICHOLAS STUECKER R
187-00-00-025	STUECKER	441 NICHOLAS STUECKER R
188-00-00-036.02	THOMAS	CURTIS SOUTH RD
188-00-00-016.01	EARLES	1970 BACON CREEK RD
187-00-00-028.01	NICELEY	GAITHER STATION RD

GLENDALE ROUTING MAP
345 & 138 kV Circuits



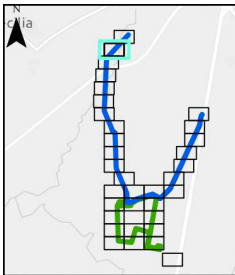
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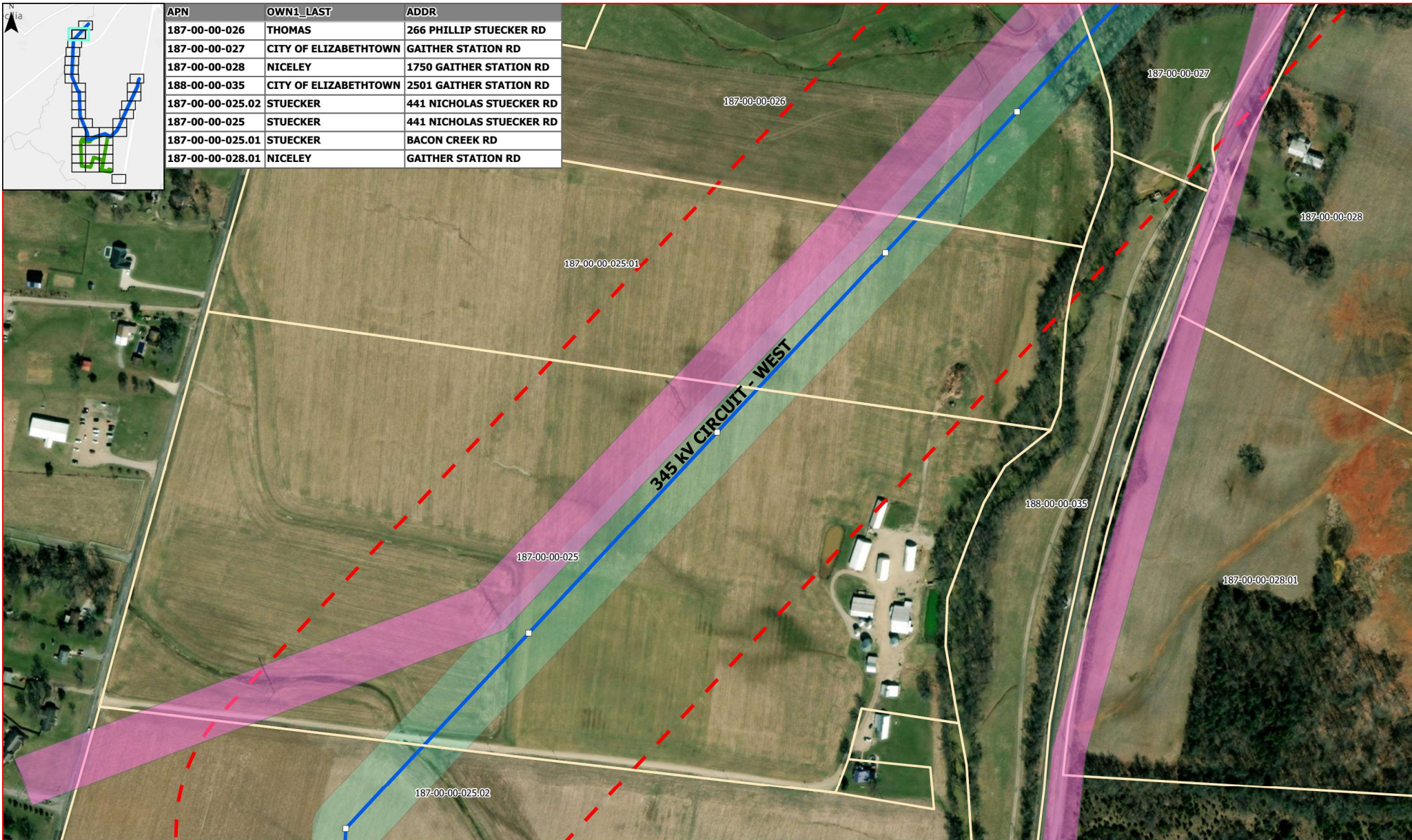
KU Transmission Circuit Routing

- Voltage
- 345 kV
- Proposed Structure Locations
- CPCN - 500FT
- Edge of ROW
- Parcels
- Existing Easement
- Sewer Line
- Sewer ROW
- EKPC Transmission Circuit
- EKPC Existing ROW





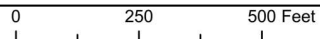
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187-00-00-027	CITY OF ELIZABETHTOWN	GAITHER STATION RD
187-00-00-028	NICELEY	1750 GAITHER STATION RD
188-00-00-035	CITY OF ELIZABETHTOWN	2501 GAITHER STATION RD
187-00-00-025.02	STUECKER	441 NICHOLAS STUECKER RD
187-00-00-025	STUECKER	441 NICHOLAS STUECKER RD
187-00-00-025.01	STUECKER	BACON CREEK RD
187-00-00-028.01	NICELEY	GAITHER STATION RD



GLENDALE ROUTING MAP
345 & 138 kV Circuits



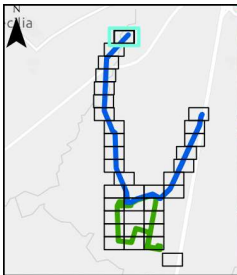
Page 32 of 34



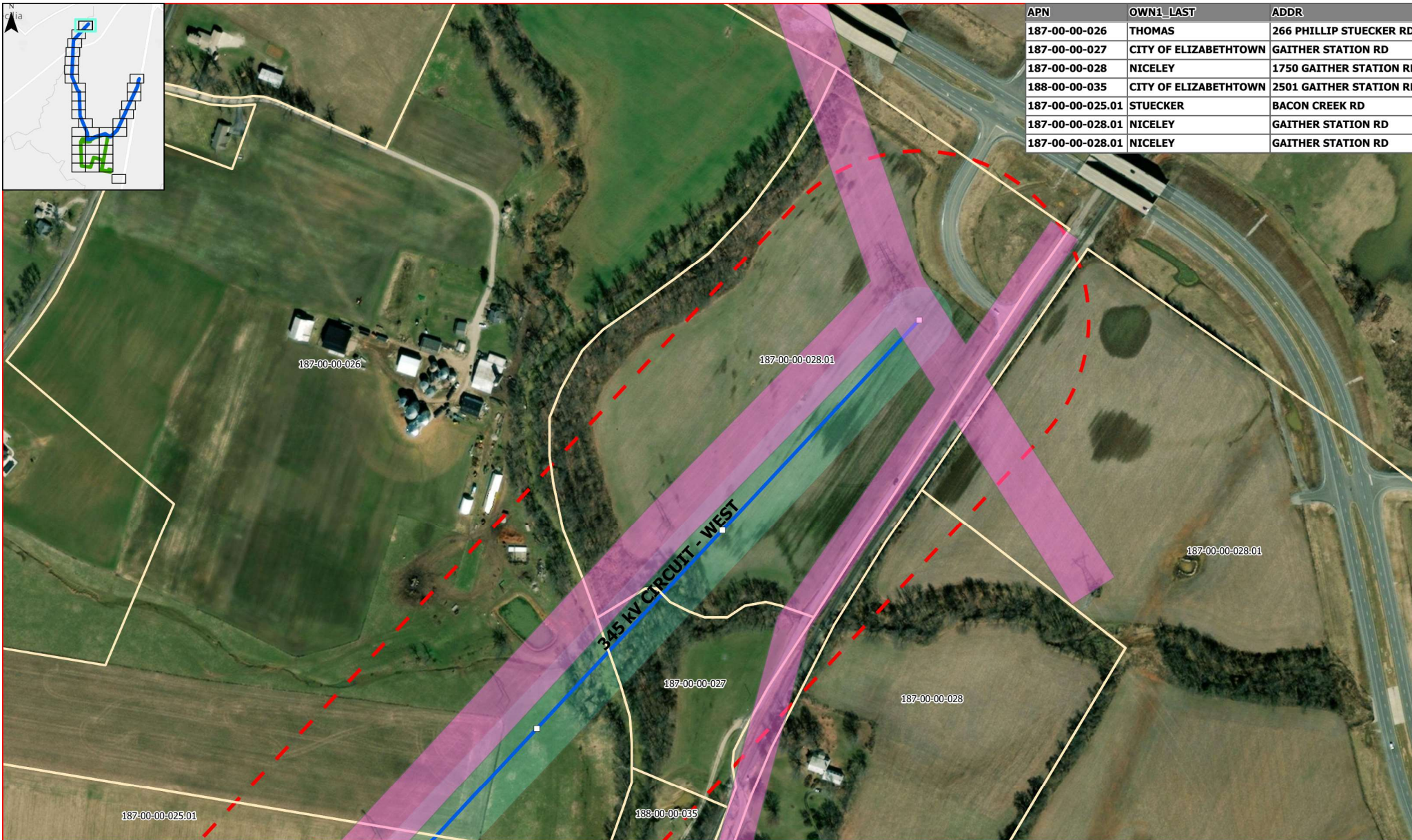
KU Transmission Circuit Routing

- Voltage
- 345 kV
- Proposed Structure Locations
- CPN - 500FT
- Edge of ROW
- Parcels
- Sewer Line
- Sewer ROW
- Existing Easement
- Sewer Line
- EKPC Transmission Circuit
- EKPC Existing ROW





APN	OWN1_LAST	ADDR
187-00-00-026	THOMAS	266 PHILLIP STUECKER RD
187-00-00-027	CITY OF ELIZABETHTOWN	GAITHER STATION RD
187-00-00-028	NICELEY	1750 GAITHER STATION RD
188-00-00-035	CITY OF ELIZABETHTOWN	2501 GAITHER STATION RD
187-00-00-025.01	STUECKER	BACON CREEK RD
187-00-00-028.01	NICELEY	GAITHER STATION RD
187-00-00-028.01	NICELEY	GAITHER STATION RD



GLENDALE ROUTING MAP
345 & 138 kV Circuits

Page 33 of 34

KU Transmission Circuit Routing

Voltage	█ CPCN - 500FT	█ Existing Easement	█ EKPC Transmission Circuit
█ 345 kV	█ Edge of ROW	█ Sewer Line	█ EKPC Existing ROW
□ Proposed Structure Locations	█ Parcels	█ Sewer ROW	



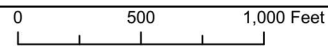


APN	OWN1_LAST	ADDR
208-00-00-009	ASH	911 GILEAD CHURCH RD
208-00-00-002	HOWLETT	1408 GILEAD CHURCH RD
208-00-00-004.01	BROWN	1141 GILEAD CHURCH RD
208-00-00-004	HAGAN	933 GILEAD CHURCH RD
207-00-00-018	HARDIN COUNTY KY	JAGGERS RD

GLENDALE ROUTING MAP
345 & 138 kV Circuits



Page 34 of 34




KU Transmission Circuit Routing

- Voltage
 - 138 kV
 - 345 kV
- Existing Easement
- Edge of ROW
- FORD Surveyed Property Line
- Proposed Structure Locations
- CPCN - 500FT
- Proposed LG&E Gas Main
- Sewer Line
- Sewer ROW
- Electric Substation Boundary
- Parcels
- EKPC Transmission Circuit
- EKPC Existing ROW



APN	OWN1_LAST	ADDR	APN	OWN1_LAST	ADDR	APN	OWN1_LAST	ADDR
187-00-00-026	THOMAS	266 PHILLIP STUECKER RD	188-00-00-036.02	THOMAS	CURTIS SOUTH RD	223-00-04-002	MARSHALL	593 W RHUDES CREEK RD
224-00-00-001	BERRY	S DIXIE HWY	188-00-00-036	KERR	245 CURTIS SOUTH RD	189-00-00-005	WADE	229 BOB WADE RD
224-00-00-030	BERRY	S DIXIE HWY	188-00-00-036.03	KERR	CURTIS SOUTH RD	187-00-00-028.01	NICELEY	GAITHER STATION RD
190-30-00-013.02	HARDIN COUNTY WATER DISTRICT NO 2	NEW GLENDALE RD	189-00-00-005.01	WADE FAMILY FARM MANAGEMENT LLC	BOB WADE RD	207-00-00-010	BROWN	GLENDALE HODGENVILLE RD W
191-00-00-003	LOT 20A & 20B GILEAD CHURCH RD GLENDALE	2125 GILEAD CHURCH RD	189-00-00-009.02	WHEELER	NEW GLENDALE RD	191-00-00-004.02	BROWN	1141 GILEAD CHURCH RD
190-30-00-012	NUTRIEN AG SOLUTIONS INC	NEW GLENDALE RD	189-00-00-009.03	WHEELER	NEW GLENDALE RD	208-00-00-004.01	BROWN	1141 GILEAD CHURCH RD
191-00-00-004	COUCH	2010 GILEAD CHURCH RD	189-00-00-009	WHEELER	5929 NEW GLENDALE RD	208-00-00-004	HAGAN	933 GILEAD CHURCH RD
191-00-00-005	LUCAS	1908 GILEAD CHURCH RD	189-00-00-009.04	WHEELER	NEW GLENDALE RD	207-00-00-030	HAGAN	1055 GLENDALE HODGENVILLE RD
191-00-00-006	VAUGHN	1838 GILEAD CHURCH RD	189-00-00-009.05	WHEELER	NEW GLENDALE RD	206-00-00-033	KAPLAN	MUD SPLASH RD
191-00-00-013	HORTON	1700 GILEAD CHURCH RD	189-00-00-009.09	WHEELER	GAITHER STATION RD	207-00-00-059	CLYDE	199 GLENWOOD DR
191-00-00-007	GONZALEZ	1678 GILEAD CHURCH RD	189-00-00-009.08	WHEELER	GAITHER STATION RD	207-00-00-059.01	MASCHINO	221 GLENWOOD DR
191-00-00-003	LOT 20A & 20B GILEAD CHURCH RD GLENDALE	2125 GILEAD CHURCH RD	189-00-00-018.04	PRIDY	NEW GLENDALE RD	190-00-02-007	SANDERS	126 SHIPP LN
190-30-00-020	BROWN	GLENDALE HODGENVILLE RD W	189-00-00-018.06	SCOTT	6098 NEW GLENDALE RD	207-00-00-018	HARDIN COUNTY KY	JAGGERS RD
190-30-00-013	SEGO	E RAILROAD AVE	189-00-00-018.03	PRIDY	6198 NEW GLENDALE RD	206-00-00-037	KAPLAN	MUD SPLASH RD
190-30-00-013	SEGO	E RAILROAD AVE	207-00-08-001	BROWN	GLENWOOD DR	206-00-00-036	HALL	MUD SPLASH RD
190-30-00-020.02	HOWLETT	452 E MAIN ST	207-00-0A-013	WATTANAKONE	ROBEY DR	206-00-00-032	BAUMGARDNER	1428 MUD SPLASH RD
190-30-00-020.01	BENNIES BARN LLC	434 E MAIN ST	191-00-00-003	LOT 20A & 20B GILEAD CHURCH RD GLENDALE	2125 GILEAD CHURCH RD	207-00-00-033	KERR	801 GLENDALE HODGENVILLE RD
190-30-00-019	WEST POINT BANK	436 E MAIN ST	190-00-00-022	HORNBACK	293 HIGH ST	206-00-00-037.01	BUCKLES	MUD SPLASH RD
190-30-00-030	COX	441 E MAIN ST	190-00-00-019	HILL	7436 NEW GLENDALE RD	206-00-00-041	BUCKLES	MUD SPLASH RD
190-30-00-037	ASH	244 JAGGERS RD	190-00-00-023	WOOD	389 HIGH ST	206-00-00-047.01	BERRY	MUD SPLASH RD
190-30-00-026	YOUNG	459 E MAIN ST	207-00-00-056	BEST	GLENDALE HODGENVILLE RD W	207-00-00-028.02	ELLIOTT	1175 GLENDALE HODGENVILLE RD
189-00-00-007	WALDEN	4510 GAITHER STATION RD	207-00-00-058	THOMAS	GLENDALE HODGENVILLE RD W	207-00-00-028.01	MACKEY	1209 GLENDALE HODGENVILLE RD
189-00-00-005.01	WADE FAMILY FARM MANAGEMENT LLC	BOB WADE RD	207-00-00-057	BROWN	986 GLENDALE HODGENVILLE RD W	207-00-00-010	BROWN	GLENDALE HODGENVILLE RD W
208-00-00-009	ASH	911 GILEAD CHURCH RD	207-00-00-046	BEST	982 GLENDALE HODGENVILLE RD W	206-00-00-045	GOODIN	466 MUD SPLASH RD
208-00-00-002	HOWLETT	1408 GILEAD CHURCH RD	188-00-00-016.01	EARLES	1970 BACON CREEK RD	206-00-00-047.03	JONES	188 MUD SPLASH RD
208-00-00-001	HOWLETT	1663 JAGGERS RD	207-00-0A-012	PRIDY	215 ROBEY DR	207-00-00-028	PRIDY	GLENDALE HODGENVILLE RD W
190-00-00-029	MATHER	137 SHIPP LN	207-00-0A-011	PRIDY	215 ROBEY DR	207-00-00-032	ASHE	883 GLENDALE HODGENVILLE RD
190-00-00-032	JAGGERS	437 JAGGERS RD	207-00-0A-009	PRIDY	181 ROBEY DR	207-00-00-031	MACKEY	965 GLENDALE HODGENVILLE RD
190-00-00-034	HUTCHISON	466 JAGGERS RD	207-00-0A-008	PRIDY	ROBEY DR	189-00-00-004.01	CRAIN	CRUMP LN
189-00-01-001	WALKER	21 OXMOOR DR	207-00-0A-007	PRIDY	ROBEY DR	207-00-00-018	HARDIN COUNTY KY	JAGGERS RD
189-00-01-002	HOBBS	81 OXMOOR DR	207-00-0A-006	GOODMAN	121 ROBEY DR	207-00-00-048	BRANSFORD	1014 GLENDALE HODGENVILLE RD
188-00-00-034	HALL	GAITHER STATION RD	207-00-0A-005	CURTSINGER	101 ROBEY DR	187-00-00-028.01	NICELEY	GAITHER STATION RD
188-00-00-033	MILES	GAITHER STATION RD	207-00-0A-004	SCOTT	75 ROBEY DR	207-00-00-032.01	COMMONWEALTH OF KENTUCKY	GLENDALE HODG RD E
188-00-00-035	CITY OF ELIZABETHTOWN	2501 GAITHER STATION RD	189-00-00-005.01	WADE FAMILY FARM MANAGEMENT LLC	BOB WADE RD	207-00-00-032.02	ASHE	GLENDALE HODG RD W
187-00-00-027	CITY OF ELIZABETHTOWN	GAITHER STATION RD	223-00-04-003	BERRY	W RHUDES CREEK RD	164-00-00-001	PERRY	2463 RINEVILLE BIG SPRINGS RD
187-00-00-028	NICELEY	1750 GAITHER STATION RD	207-00-00-047	GLOVER	992 GLENDALE HODGENVILLE RD W	181-20-02-003	WHEELER	101 AMY AVE
188-00-00-035	CITY OF ELIZABETHTOWN	2501 GAITHER STATION RD	207-00-08-033	GOODMAN	131 GLENWOOD DR	143-00-01-007.01	SYLVESTER	RINEVILLE BIG SPRINGS RD
187-00-00-023	STUECKER FAMILY TRUST	1832 BACON CREEK RD	207-00-08-003	FERGUSON	97 GLENWOOD DR	162-00-01-020	JENKINS	SPRING MEADOW DR
187-00-00-025.03	STUECKER	BACON CREEK RD	223-00-04-010	DAY	611 W RHUDES CREEK RD	140-20-02-043	GB LLC	606 CENTRAL AVE
187-00-00-025.02	STUECKER	441 NICHOLAS STUECKER RD	189-00-01-028	JONES	20 OXMOOR DR	201-30-01-075	BURNETT	1801 SPARROW CT
187-00-00-025	STUECKER	441 NICHOLAS STUECKER RD	189-00-01-027	BEGGS	84 OXMOOR DR	208-00-00-006	MEADOWVIEW FARMS INC	949 GILEAD CHURCH RD
187-00-00-025.01	STUECKER	BACON CREEK RD	189-00-00-018.05	BEAVERS	NEW GLENDALE RD	208-00-00-017.02	HAMM FAMILY FARMS GLENDALE II LLC	GILEAD CH RD
188-00-00-038	WALTERS	314 RONNIE MORRIS RD	223-00-04-009	SCHAFER	541 W RHUDES CREEK RD			

<p>GLENDALE ROUTING MAP 345 & 138 kV Circuits</p>	<p>COMPLETE LIST OF ADJACENT PROPERTY OWNERS</p>		
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KENTUCKY UTILITIES COMPANY

**Response to Commission Staff's Third Request for Information
Dated April 29, 2022**

Case No. 2022-00066

Question No. 4

Responding Witness: Elizabeth J. McFarland

- Q-4. Explain whether KU considered future load requirements in the location of the proposed transmission line routes and proposed substations, and if so, how this affected the routes and locations chosen.
- A-4. KU considered current and future load requirements when locating the proposed substations on the Glendale Megasite. The substations were located based upon the master plan for the development of the Glendale Megasite as well as considerations for future growth needs outside of the Glendale Megasite. The 345kV transmission lines were located based upon the Team Spatial Siting Study, which considered the proposed Glendale South Substation location.

KENTUCKY UTILITIES COMPANY

Response to Commission Staff's Third Request for Information
Dated April 29, 2022

Case No. 2022-00066

Question No. 5

Responding Witness: Elizabeth J. McFarland

- Q-5. Refer to KU's response to Commission Staff's Second Request for Information (filed April 21, 2022) (Staff's Second Request), Item 4.
- a. Confirm that no additional easements will be requested to place the new East Kentucky Power Cooperative (EKPC) 69 kV line.
 - b. Explain whether EKPC is responsible for removing the 69 kV line and constructing the line again to co-locate with KU's 138 kV line.
 - c. Provide any maps or diagrams depicting the co-location of the new 69 kV EKPC line and the new 138 kV KU line.
 - d. Confirm that the new 69 kV EKPC line will not be serving any of the same area as KU intends to serve with this new construction.
- A-5.
- a. The East Kentucky Power Cooperative ("EKPC") line will require a new easement on the Glendale Megasite. This easement is for the relocation of their Hodgenville-Stephensburg 69kV line to be routed across the north-east side of the Glendale Megasite property. It is KUs understanding that EKPC will also be relocating portions of the Hodgenville-Stephensburg 69kV line to the east of I-65 for the KYTC Highway project, however KU is not aware of details regarding that scope of work. The new EKPC line and co-location of the KU/EKPC 69 kV and 138 kV lines are depicted in the attached map requested in part c of this request.
 - b. As part of their responsibility, EKPC will be removing its Hodgenville-Stephensburg 69kV line across the Glendale Megasite property and constructing it back across the northern section of the site (see attached map for part c below). EKPC will be responsible for the removal and construction of its line on the Glendale Megasite property per the terms of the *Joint Settlement and Transfer of Service Territories Agreement Pursuant to KRS 278.016(6)* approved by the Commission in Case No. 2021-00462.

- c. See attached.

- d. Confirmed. The Hodgenville-Stephensburg 69kV EKPC line is an existing transmission line that was required to be relocated across the Glendale Megasite and will not be serving any of the KU service territory on the Megasite per the terms of the *Joint Settlement and Transfer of Service Territories Agreement Pursuant to KRS 278.016(6)* approved by the Commission in Case No. 2021-00462.

KENTUCKY UTILITIES COMPANY

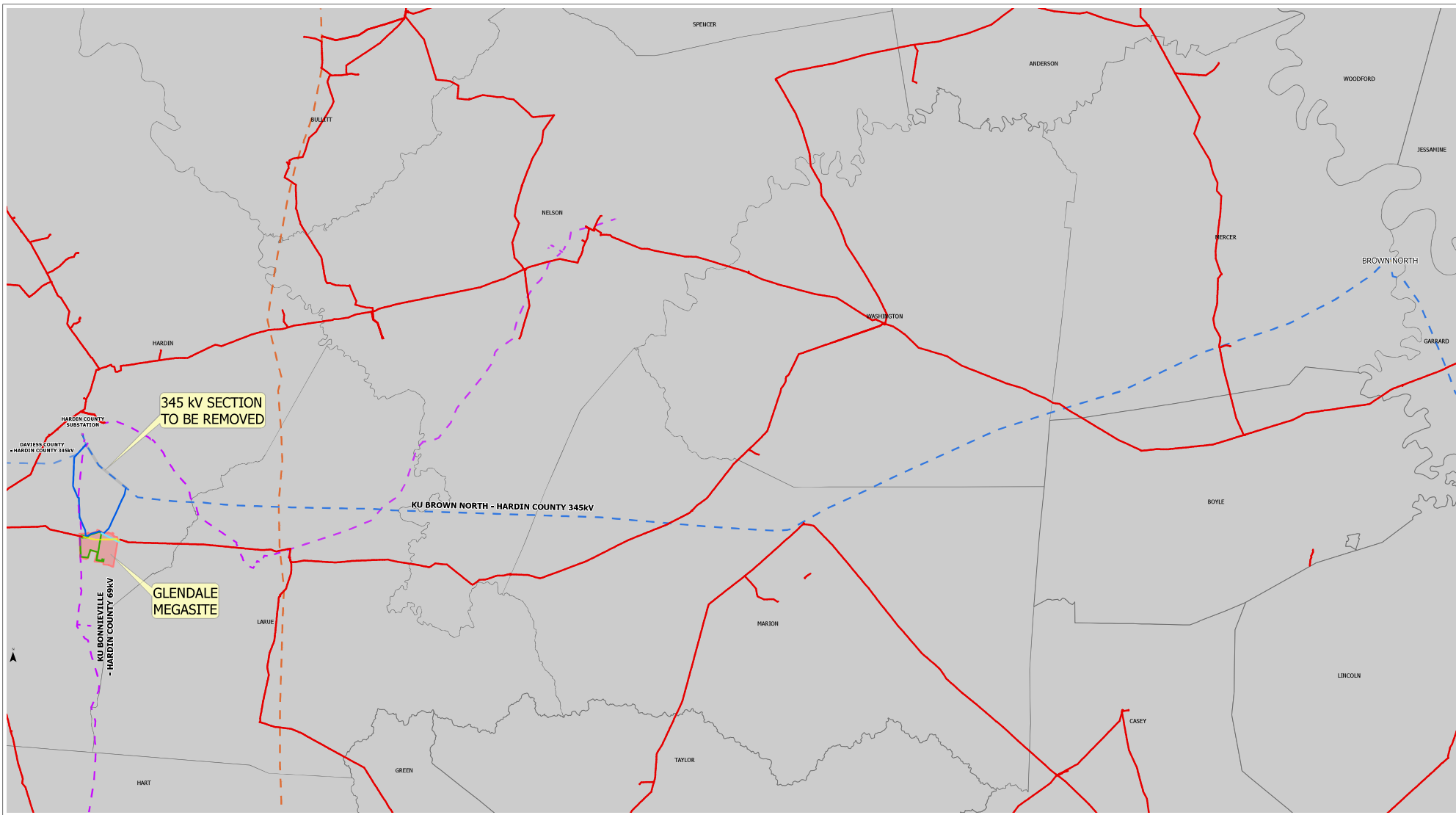
**Response to Commission Staff's Third Request for Information
Dated April 29, 2022**

Case No. 2022-00066

Question No. 6

Responding Witness: Elizabeth J. McFarland

- Q-6. Refer to KU's response to Staff's Second Request, Item 1. Provide a map that illustrates the data request response. Include all the features mentioned in the statement: ". . . the existing Brown North – Hardin 345kV line will be segmented near the Hardin County Substation (West tap point) and rerouted into and out of the new Glendale South Substation, tying back into the 345kV line at the East tap point (a total of approximately 9 miles of new 345 kV line). The existing 2.7 mile segment of line between the two new tap points will be retired and removed. This will create one 345 kV source into the Glendale South Substation coming from the Hardin County Substation (i.e., the Glendale South – Hardin County 345 kV line), and a second 345 kV source from the Brown North Substation (i.e., the Glendale South – Brown North 345 kV line)." The new map should be similar to the maps in the Application, Exhibit 5, page 1, and Exhibit 6, page 1, without the blue index lines. Symbolize the area of the Glendale Megasite and keep the road network as shown. Include and label the Hardin County Substation, the Brown North Substation, and the proposed Glendale South Substation. Keep the existing and proposed transmission lines as shown in Exhibits 5 and 6 and add symbolization and label the 345 kV transmission line segment that will be retired and removed. Include the existing EKPC 69 kV line as well as the planned EKPC 69 kV line.
- A-6. See attached.



HARDIN COUNTY to BROWN NORTH

"CONFIDENTIAL INFORMATION"



5/2/2022

The information contained in/on this media is made without representation or warranty of any nature by LG&E and KU or any affiliated company, is not guaranteed by LG&E and KU or any affiliated company and is furnished solely for the convenience of the contractor using it. Unless otherwise indicated, all locations are taken from office records and must be verified in the field prior to any construction where there is a possibility of interference with existing KU/LG&E facilities.

Legend	
KU Transmission Circuit Routing	KU Electric Transmission Circuit - Existing
Voltage	Voltage
69 kV	69 kV
138 kV	151 kV
161 kV	345 kV
345 kV	345 kV CIRCUIT TO BE REMOVED
500 kV	
	— EKPC Transmission Circuit
	— EKPC Transmission Circuit To Be Removed
	— FORD Surveyed Property Line
	Glendale Megasite



Kentucky Utilities - Glendale Circuit Routing



The information contained herein is made without representation or warranty of any nature by IGE and KU or any affiliated company, is not guaranteed by IGE and KU or any affiliated company and is furnished solely for the convenience of the contractor using it. Unless otherwise indicated, all locations are taken from office records and must be verified in the field prior to any construction where there is a possibility of interference with existing KU/IGE facilities.

0 0.13 0.26 0.5 Miles

5/1/2022

- KU Transmission Circuit Routing
 - 138 kV
 - 345 kV
- KU Electric Transmission Circuit - Existing
 - - - 69 kV
 - - - 345 kV
- 345 kV CIRCUIT TO BE REMOVED
- EKPC Transmission Circuit
 - EKPC Transmission Circuit To Be Removed
 - EKPC Proposed Circuit
- FORD Surveyed Property Line
- Glendale Megasite
- Electric Substation Boundary

KENTUCKY UTILITIES COMPANY

**Response to Commission Staff's Third Request for Information
Dated April 29, 2022**

Case No. 2022-00066

Question No. 7

Responding Witness: Elizabeth J. McFarland

- Q-7. Provide the amount the retirement and removal of the 2.7 mile segment of the 345 kV line will cost. Explain whether it is included with the cost of this project.
- A-7. The estimated cost for the removal of the 2.7 mile segment of 345kV line is \$1.7 million. This amount was included in the total estimated cost of the project.

KENTUCKY UTILITIES COMPANY

**Response to Commission Staff's Third Request for Information
Dated April 29, 2022**

Case No. 2022-00066

Question No. 8

Responding Witness: Elizabeth J. McFarland

- Q-8. Refer to the Team Spatial Siting Study, page 6, which defines the limits of the study area. Explain why the initial area of study does not extend beyond Route 31W and take into account a further length of the 345 kV line towards the Brown North Substation.
- A-8. The Team Spatial Siting Study encompasses an area that is approximately 2.8 miles by 4 miles. The initial area of the study does not extend beyond Route 31W due to the Brown North – Hardin County 345kV line turning to the east and shifting away from the proposed Glendale South Substation site. If KU tapped the Brown North – Hardin County 345kV further east, there would be a longer line to construct, additional permitting requirements, additional property owners impacted, and an increase in the total project cost.

KENTUCKY UTILITIES COMPANY

**Response to Commission Staff's Third Request for Information
Dated April 29, 2022**

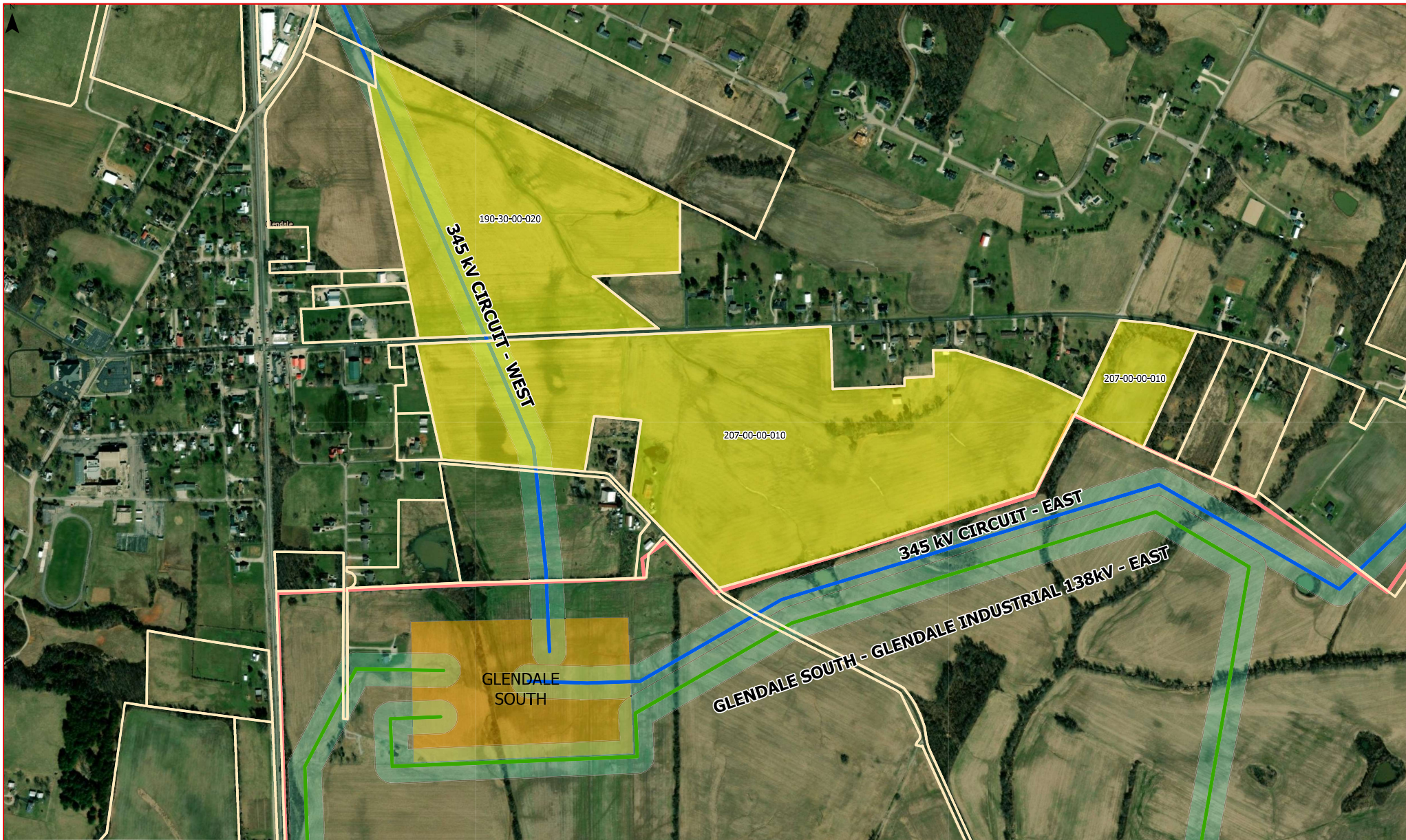
Case No. 2022-00066

Question No. 9

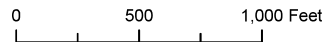
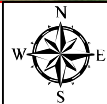
Responding Witness: Elizabeth J. McFarland

Q-9. Refer to KU's response to Brown's First Request, Items 11, 12, and 13. Submit a similar map of the Brown parcels with yellow boundaries and the West and East 345 kV routes proposed by KU to the proposed substation.

A-9. See attached.



BROWN PARCELS



- | | |
|---------------------------------|------------------------------|
| KU Transmission Circuit Routing | |
| 138 kV | Substations |
| 345 kV | Electric Substation Boundary |
| FORD Surveyed Property Line | Brown Parcels |
| Edge of ROW | Parcels |



KENTUCKY UTILITIES COMPANY

**Response to Commission Staff's Third Request for Information
Dated April 29, 2022**

Case No. 2022-00066

Question No. 10

Responding Witness: Elizabeth J. McFarland

Q-10. Clarify how moving the proposed centerline 500 feet for the 345 kV lines is related to the 200-foot right of way (ROW) and the parcel boundaries by commenting on the following two statements:

- a. If the centerline is moved 500 feet within a parcel, this will keep the centerline and the ROW within a 1,200-foot corridor.
- b. In order to keep the ROW within a parcel, if the centerline is moved 500 feet or less, it must be 100 feet from the parcel boundary.

A-10.

- a. The corridor was proposed to be 1,000 feet. The centerline could shift 400 feet to ensure it remained in the corridor and still maintain 100 feet of ROW to each side of the line.
- b. Yes. The 100 feet of ROW for each side of the line would not extend upon an adjacent property owner or outside the 1,000 foot corridor.

KENTUCKY UTILITIES COMPANY

**Response to Commission Staff's Third Request for Information
Dated April 29, 2022**

Case No. 2022-00066

Question No. 11

Responding Witness: Elizabeth J. McFarland

- Q-11. Provide the distance of the nearest residence from each of the proposed substations. Provide the estimated noise level from the substation at each of the nearest residences.
- A-11. The nearest residence to the Glendale South substation was measured at 452 feet using Google Earth imagery. The nearest residence to the Glendale Industrial substation was measured at 936 feet using Google Earth imagery.

Audible noise levels from substations are a product of the substation transformers. KU utilizes NEMA TR1 standards to specify maximum noise levels for substation transformers. The two power transformers that will be installed at Glendale South Substation are specified to produce at maximum, 70dB each. The six power transformers at Glendale Industrial Substation are specified to produce at maximum, 80 dB each. Sound is measured via IEEE standard that specifies measurements starting at 1 meter from the transformer. Sound waves dissipate as they travel farther from the source. Within the substation the sound levels will diminish to below conversational sound levels.