

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

The Electronic Application of Duke Energy)
Kentucky, Inc. for a Certificate of Public)
Convenience and Necessity to Construct A) Case No. 2023-00239
138-kV Transmission Line And Associated)
Facilities In Boone County (Hebron to)
Oakbrook Transmission Line Project))

APPLICATION

Now comes Duke Energy Kentucky, Inc. (Duke Energy Kentucky or the Company), pursuant to KRS 278.020(2) and 807 KAR 5:001, Sections 8 and 9, and 807 KAR 5:120, and other applicable law, and hereby respectfully requests from the Kentucky Public Service Commission (Commission) an Order granting a Certificate of Public Convenience and Necessity (CPCN) for approval to construct and operate a new single circuit 138-kilovolt (kV) transmission line. The new circuit will utilize a portion of the existing #15268 69 kV transmission line circuit, a portion of the existing #6763 69 kV transmission line circuit, and approximately 2.1 linear miles of a proposed new transmission line portion. In support of this CPCN Application (Application), Duke Energy Kentucky respectfully states as follows:

Introduction

1. Pursuant to 807 KAR 5:001, Section 14(2), Duke Energy Kentucky is a Kentucky corporation originally incorporated on March 20, 1901, in good standing, and a

public utility as that term is defined in KRS 278.010(3), and, therefore, is subject to the Commission's jurisdiction.

2. Duke Energy Kentucky is engaged in the business of generation, purchasing, transmission, and distribution and sale of electric power, as well as furnishing natural gas utility services to various municipalities and unincorporated areas in Boone, Bracken, Campbell, Gallatin, Grant, Kenton, and Pendleton Counties in the Commonwealth of Kentucky.

3. The Company's local office in Kentucky is Duke Energy Erlanger Ops Center, 1262 Cox Road, Erlanger, Kentucky 41018. The Company further states that its electronic mail address for purposes of this matter is KYfilings@duke-energy.com.

4. Copies of all orders, pleadings and other communications related to this proceeding should be sent to:

Rocco O. D'Ascenzo
Deputy General Counsel
Duke Energy Kentucky, Inc.
139 East Fourth Street, Cincinnati, OH 45202
Rocco.D'Ascenzo@duke-energy.com
KYfilings@duke-energy.com

Background

5. Duke Energy Kentucky has identified a need to construct a new 138 kV electric transmission line, approximately 2.1 linear miles in length, in Boone County, Kentucky extending from the existing Hebron Substation to the existing #15268 circuit and additionally rebuild another 1.5 of the existing #6763 circuit (the Project). A map showing the proposed location of the Project is included in Exhibit 1. Exhibit 2 depicts a map of the Project's siting study area and Exhibit 3 includes map depicting the rebuild area. This Project is necessary due to load growth and system reliability of the surrounding Duke

Energy Kentucky transmission and distribution systems.

6. Boone County is the fourth most populous and is one of the fastest developing counties in the Commonwealth of Kentucky.¹ Upon information and belief, this growth includes all three customer segments: residential; commercial; and industrial electric loads. This rapid growth has resulted in customer demand reaching near the limits of the Company's existing transmission system's capacity. The Company is projecting growth to continue in this area, necessitating additional capacity construction to meet projected demand.

The Project

7. Duke Energy Kentucky is seeking authority to construct and operate the Project, a new single circuit 138 kilovolt (kV) transmission line, circuit #15264. The new circuit will utilize a portion of the existing #15268 69 kV transmission line circuit, a portion of the existing #6763 69 kV transmission line circuit, and approximately 2.1 linear miles of a proposed new transmission line portion. To accommodate the new circuit, reconfigurations to the existing #6763 circuit and the existing #15268 circuit will occur to minimize the new infrastructure required to create this new circuit. The #15268 circuit that is currently a three-terminal circuit between the Hebron, Constance, and Limaburg substations will be split so that after the project is complete, #15268 will only connect the Hebron and Constance Substation while a portion of the existing Tap to Limaburg will be incorporated in the proposed Hebron to Oakbrook circuit #15264. The #6763 circuit will be reconfigured so that a portion of the circuit between Limaburg and Oakbrook substation will be rebuilt and incorporated into the new Hebron to Oakbrook circuit #15264. Another

¹ [Kentucky Population Growth Rate \(2010 - 2019\) by County \(indexmundi.com\)](http://indexmundi.com)

portion of the #6763 circuit between the Oakbrook Substation and near interstate 71/75 will be retired, and the remaining portion of the circuit on the east side of the interstate will remain operational as it currently is built. Therefore, this proposed new circuit would start at the Hebron Substation and begin with approximately a proposed new 2.1-mile section, connect to an existing portion of the #15268 circuit south of I-275 to the existing Limaburg Substation, and then utilize an approximately 1.5 mile section of the #6763 circuit which will be rebuilt in place to 138 kV capacity. The new circuit will be energized to 69 kV initially with future plans to energize to 138 kV.

8. Structure types and numbers will be determined during final engineering, which includes ground survey and geotechnical studies, and will depend upon terrain crossed, spans, turning angles, final right-of-way (ROW) acquisition, and other engineering considerations. Based upon preliminary engineering, the Company anticipates approximately 26 foundation-based galvanized steel poles and 50 direct embedded galvanized steel poles will be required. It is anticipated that angle and dead-end structures will utilize either guy wires and anchors or foundations. Duke Energy transmission line 138-kV standards are included in Confidential Exhibit 4.

9. The transmission line structure heights will vary depending on placement, terrain, and clearance requirements. The transmission engineering design has the average structure height above ground at approximately 80 feet. The proposed structures will have one 138-kV transmission circuit supporting a total of three phase conductors and one overhead ground/shield wire. In addition, the design incorporates potential distribution under build to further enhance the distribution system in some of the locations. The phase conductors will utilize 954 kcmil aluminum conductor steel-reinforced (ACSR) conductor.

Request for Certificate of Public Convenience and Necessity

10. Duke Energy Kentucky is requesting a CPCN pursuant to KRS 278.020 and 807 KAR 5:001, Section 15, for its Hebron to Oakbrook Transmission Project for the reasons set forth above.

11. The Hebron to Oakbrook Transmission Project will not result in a wasteful duplication of facilities. The Hebron to Oakbrook Transmission Project will be located within Duke Energy Kentucky's electric service territory and is necessary to serve both increased load and new customers in the area. The existing facilities in the area are insufficient to support the new load and customers in the area.

12. In accordance with 807 KAR 5:001 Section 12(2)(a)-(i). Duke Energy Kentucky is filing the following information in Exhibit 5, which is incorporated herein and made a part of this Application filed in this proceeding:

<u>Exhibit 5</u>	<u>Description</u>	<u>807 KAR 5:001</u>
<u>Page</u>		<u>Section Reference</u>
	Financial Exhibit	12(2)
1	Amount and kinds of stock authorized	12(2)(a)
1	Amount and kinds of stock issued and outstanding	12(2)(b)
1	Terms of preference or preferred stock	12(2)(c)
1	Brief description of each mortgage on property of Duke Energy Kentucky	12(2)(d)
1-2	Amount of bonds authorized and issued and related information	12(2)(e)
2	Notes outstanding and related information	12(2)(f)
2-3	Other indebtedness and related information	12(2)(g)
3	Dividend information	12(2)(h)

13. In accordance with Section 15(2)(a), the Application and supporting testimony provide the evidence to show that the Hebron to Oakbrook Transmission Project is required by public convenience or necessity. The Hebron to Oakbrook Transmission Project will allow Duke Energy Kentucky to continue to provide safe, reliable, and reasonable electric service to its customers.

14. In accordance with Section 15(2)(b), regarding the filing of franchise agreements, the Company states that it has previously filed with the Commission the applicable franchises from the proper public authorities. Additionally, to the extent a local city or municipality requires the Company obtain a construction permit, the Company will follow such local regulations and obtain any necessary local permits prior to beginning any work. Duke Energy Kentucky will apply for applicable state and federal permits needed for construction of the Project. Duke Energy Kentucky is not aware of any additional permits that will be necessary to complete construction.

15. In accordance with Section 15(2)(c), which requires the Company to provide a full description of the proposed location, route, or routes, including a description of the manner in which the facilities will be constructed, Duke Energy Kentucky respectfully states that the Hebron to Oakbrook Transmission Project will be constructed as described in the testimony accompanying this Application. Exhibit 6 includes a detailed cost breakdown of the Project and Exhibit 7 includes a copy of the siting study which depicts the full description of the route and alternative routes considered. Exhibit 8 shows the proposed route and Exhibit 9 shows the alternative route segments considered as part of the route selection study. Because the Company's proposal is applicable only in the

Company's service territory, the Project will not compete with any other public utilities, corporations, or persons.

16. In accordance with 807 KAR 5:120 Sections 2(2)(a)-(c), requiring maps showing: a) the location of proposed transmission line centerline and right of way, and boundaries of each property crossed by the transmission line right-of-way as indicated on the property valuation administrator's maps, facilities and plans and specifications and drawings of the proposed plant, equipment, and facilities; b) sketches of proposed typical transmission line support structures, and; c) a separate map of the same scale showing alternative routes considered, Duke Energy Kentucky respectfully states that Confidential Exhibit 4 and Exhibits 8, 9, and 10 contain the required information.

17. In accordance with 807 KAR 5:120 Sections 2(3) Exhibit 11 includes a verified statement that, according to county property valuation administrator records, each property owner over whose property the transmission line right-of-way is proposed to cross has been sent by first-class mail, addressed to the property owner at the owner's address as indicated by the county property valuation administrator records, or hand delivered. The July 18, 2023, notice included the following information:

- a. Notice of the proposed construction;
- b. The docket number (Case No. 2023-00239) under which the Application will be processed;
- c. The address and telephone number of the Commission's Executive Director;
- d. A description of the property owner's rights to request a public hearing and the right to request intervention, and;
- e. A description of the Project and a map of the proposed transmission line route.

18. In accordance with 807 KAR 5:120 Sections 2(4), Exhibit 12 includes a

sample copy of the notice provided to a property owner and a list of the names and addresses of the property owners to whom the notice has been sent.

19. In accordance with 807 KAR 5:120 Sections 2(5), Exhibit 13 includes a copy of the notice of the intent to construct the proposed transmission line that has been published in a newspaper of general circulation in the county or counties in which the construction is proposed.

20. In accordance with 807 KAR 5:120 Sections 2(7), the Company states that Project does not involve sufficient capital outlay to materially affect the existing financial condition of the Company.

21. In accordance with Section 15(2)(e), the Company states that it proposes to finance the construction through continuing operations and debt instruments, as necessary.

22. In accordance with Section 15(2)(f), the Company states that the total estimated cost of the initial construction for the Project is approximately \$35 million. The estimated annual ongoing cost of operation of the Hebron to Oakbrook Transmission Line Project once completed is expected to be approximately \$10,000 (capital and operations and maintenance (O&M)). Exhibit 6 contains a cost estimate for the Project.

23. Duke Energy Kentucky respectfully states that the Project is needed to provide reliability to growing customer load in Boone County, primarily new expansion at the Greater Cincinnati/Northern Kentucky Airport, as well as other anticipated load growth in the area. Exhibit 14 shows the proposed Project components and the existing system in the area of the Project. Confidential Exhibit 15 includes information regarding customers' expansion projects that support the anticipated growth in the Company's service territory necessitating the system improvements. Exhibit 16 depicts the Project's location in reference to other recently authorized transmission projects that are needed to support

localized load growth in the area. Confidential Exhibit 17 includes the planning analysis that modeled system conditions and overloads that can be avoided by completing this project.

24. In an effort to engage with and inform its customers regarding the Project, Duke Energy Kentucky conducted two virtual open house/information sessions to educate its customers about the Project and respond to questions. Exhibit 18 is a copy of the invitation and presentation for the informational meeting.

Testimony and Exhibits

25. Additional facts supporting this Application are set forth in the following Direct Testimony attached to this Application as Exhibits 19 through 21:

- a. Yanthi W. Boutwell, General Manager of Midwest Transmission Resource & Project Management, provides the need for its construction, engineering components, anticipated schedule and cost for construction;²
- b. John K. Hurd, Director of Stakeholder Engagement, discusses the siting study that was performed, the proposed route, and permitting for construction of the line, and;³
- c. Lisa D. Steinkuhl, Director of Rates and Regulatory Planning Ohio/Kentucky, discusses the financial aspects of the Company's Application.⁴

² Exhibit 19.

³ Exhibit 20.

⁴ Exhibit 21.

WHEREFORE, Duke Energy Kentucky respectfully requests that the Commission:

- 1) Issue a CPCN for the construction and implementation of the proposed Hebron to Oakbrook Transmission Line Project.
- 2) Grant all waivers requested and necessary and other relief to which the Company may be entitled.

Respectfully submitted,

/s/ Rocco D'Ascenzo

Rocco O. D'Ascenzo (92796)

Deputy General Counsel

Larisa Vaysman

Senior Counsel (98944)

Duke Energy Business Services LLC

139 East Fourth Street, 1303-Main

Cincinnati, Ohio 45202

Phone: (513) 287-4320

Fax: (513) 370-5720

rocco.d'ascenzo@duke-energy.com

larisa.vaysman@duke-energy.com

Counsel for Duke Energy Kentucky, Inc.

CERTIFICATE OF SERVICE

This is to certify that the foregoing electronic filing is a true and accurate copy of the document in paper medium; that the electronic filing was transmitted to the Commission on September 13th, 2023; that there are currently no parties that the Commission has excused from participation by electronic means in this proceeding; and that submitting the original filing to the Commission in paper medium is no longer required as it has been granted a permanent deviation.⁵

John G. Horne, II
The Office of the Attorney General
Utility Intervention and Rate Division
700 Capital Avenue, Ste 118
Frankfort, Kentucky 40601-8204

/s/Rocco O. D'Ascenzo

Counsel for Duke Energy Kentucky, Inc.

⁵*In the Matter of Electronic Emergency Docket Related to the Novel Coronavirus COVID-19, Order, Case No. 2020-00085 (Ky. PSC July 22, 2021).*

List of Exhibits

- Exhibit 1: Project Location Map
- Exhibit 2: Siting Study Area
- Exhibit 3: Rebuild Area
- Exhibit 4: Duke Energy 138-kV Transmission Line Standards – Confidential
- Exhibit 5: Financial Statement
- Exhibit 6: Project Cost Estimate
- Exhibit 7: Siting Study
- Exhibit 8: Proposed New Route
- Exhibit 9: Alternative Route Segments
- Exhibit 10: Proposed Rebuild Route
- Exhibit 11: Verified Statement
- Exhibit 12: Copy of Notices, Landowner Lists, and Landowner Maps
- Exhibit 13: Newspaper Notice
- Exhibit 14: Present System and Proposed Project Components
- Exhibit 15: Distribution Planning Document of Growth – Confidential
- Exhibit 16: Project Location with Aero Projects
- Exhibit 17: Transmission Planning Analysis – Confidential
- Exhibit 18: Virtual Open House/Public Meeting Letter and Materials
- Exhibit 19: Yanthi W. Boutwell Testimony
- Exhibit 20: John K. Hurd Testimony
- Exhibit 21: Lisa D. Steinkuhl Testimony

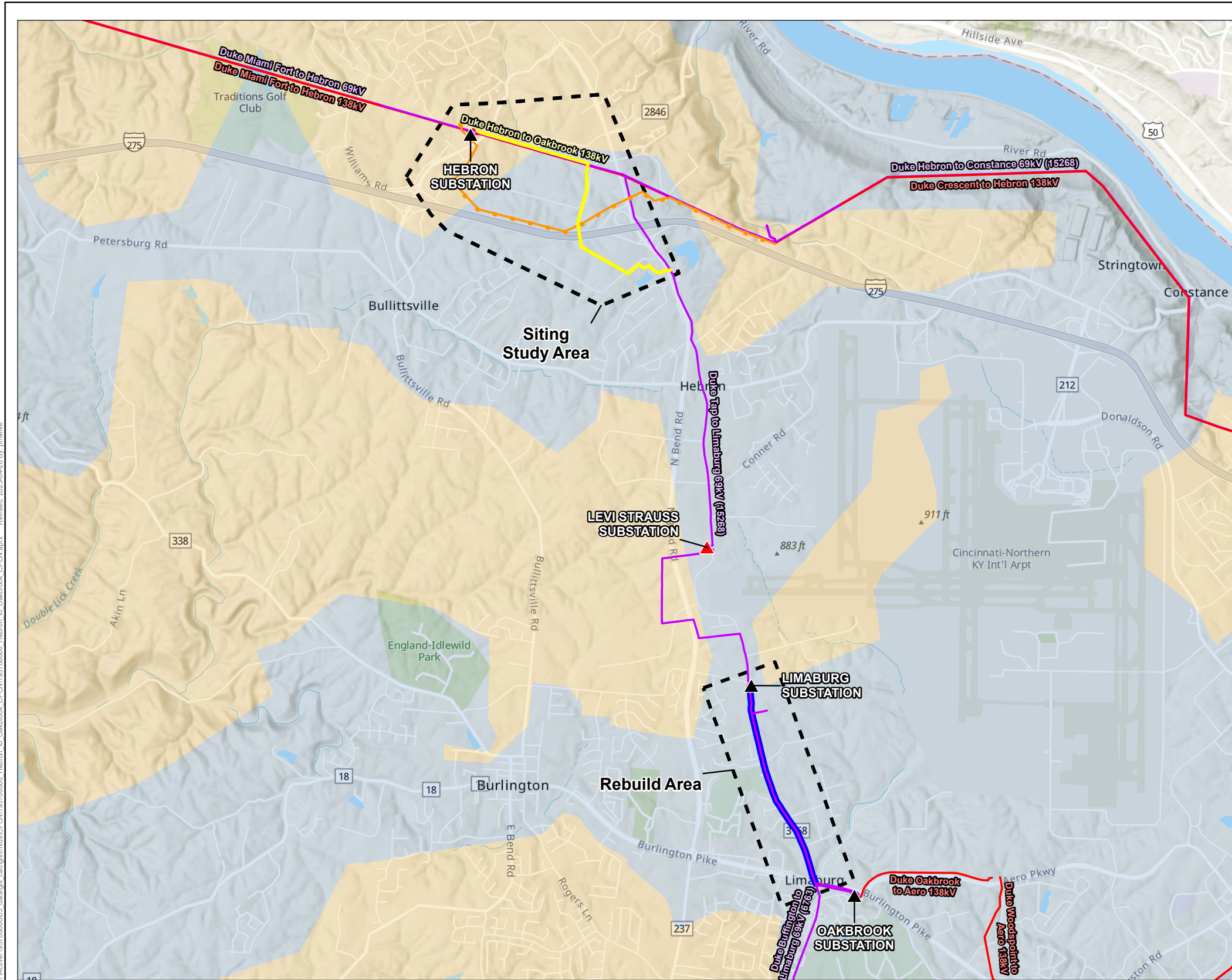


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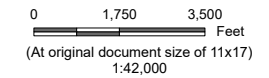
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Title

**Project Location
rev1**

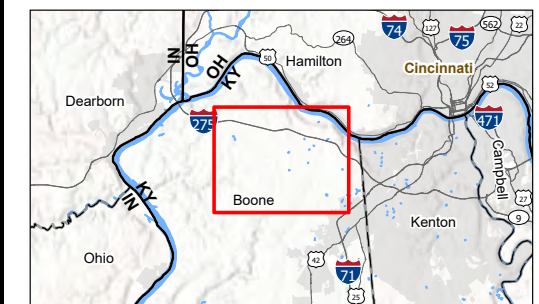
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Duke Energy Kentucky	
Hebron to Oakbrook 138 kV Transmission Line Project	

Project Location	Prepared by PM on 2022-08-22
Boone Co., Kentucky	TR by BT on 2021-11-09
	IR by TR on 2022-09-08



Legend

- Study Area
- Duke-owned Existing Substation
- Customer-owned Existing Substation
- Duke-owned Existing 69 kV Transmission Line
- Duke-owned Existing 138 kV Transmission Line
- Preferred Route
- Rebuild Section
- Proposed EKPC Transmission Line
- Retail Electric Service Territory
- DUKE ENERGY KENTUCKY
- EAST KENTUCKY POWER COOP, INC



Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
2. Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, EKPC
3. Background: Esri Topographic Map



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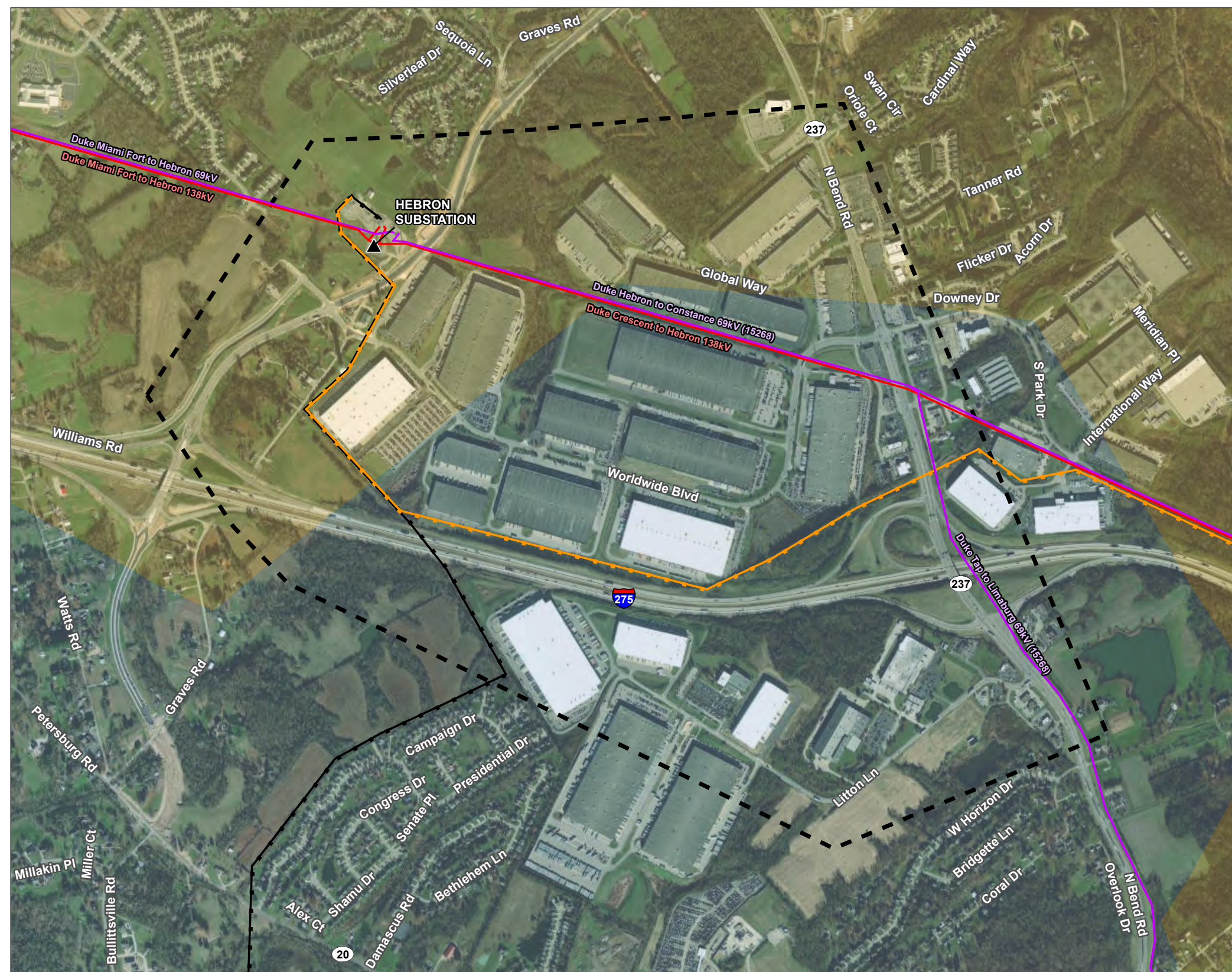


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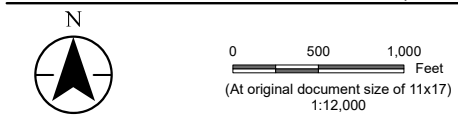
Title
**Siting Study Area
rev1**

Client/Project
Duke Energy Kentucky
Hebron to Oakbrook 138 kV Transmission Line Project

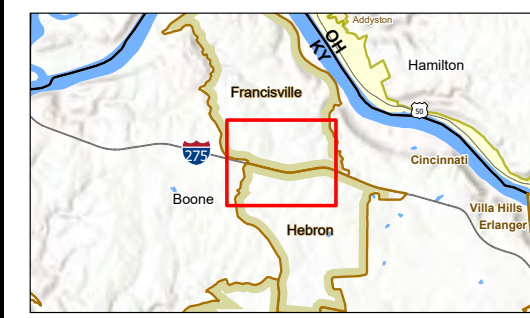
Project Location
Boone Co., Kentucky

193708666

Prepared by PM on 2022-08-22
TR by BT on 2021-11-09
IR by TR on 2022-09-08



- Legend
- Study Area
 - Duke-owned Existing Substation
 - Duke-owned Existing 69 kV Transmission Line
 - Duke-owned Existing 138 kV Transmission Line
 - Foreign Owned Existing Transmission Line
 - Proposed EKPC Transmission Line
- Retail Electric Service Territory
- DUKE ENERGY KENTUCKY
 - EAST KENTUCKY POWER COOP, INC



Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
2. Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, EKPC
3. Background: Esri World Imagery



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Figure No.

3

Title

**Rebuild Project Area
 rev1**

Client/Project
 Duke Energy Kentucky
 Hebron to Oakbrook 138 kV Transmission Line Project

193708666

Project Location
 Boone Co., Kentucky

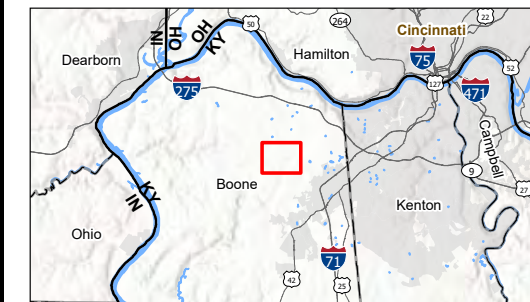
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Legend

- Rebuild Area
- Duke-owned Existing Substation
- Duke-owned Existing 69 kV Transmission Line
- Duke-owned Existing 138 kV Transmission Line
- Rebuild Section
- Retail Electric Service Territory
 - DUKE ENERGY KENTUCKY
 - EAST KENTUCKY POWER COOP, INC



Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
2. Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, EKPC
3. Background: Esri World Imagery



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**CONFIDENTIAL PROPRIETARY TRADE
SECRET**

CONFIDENTIAL EXHIBIT 4

FILED UNDER SEAL

FINANCIAL EXHIBIT

(1) **Section 12(2)(a) Amount and kinds of stock authorized.**

1,000,000 shares of Capital Stock \$15 par value amounting to \$15,000,000 par value.

(2) **Section 12(2)(b) Amount and kinds of stock issued and outstanding.**

585,333 shares of Capital Stock \$15 par value amounting to \$8,779,995 total par value. Total Capital Stock and Additional Paid-in Capital as of June 30, 2023:

Capital Stock and Additional Paid-in Capital
As of June 30, 2023
(\$ per 1,000)

Capital Stock	\$8,780
Premiums thereon	18,839
Total Capital Contributions from Parent (since 2006)	133,594
Contribution from Parent Company for Purchase of Generation Assets	<u>140,061</u>
Total Capital Stock and Additional Paid-in-Capital	<u>\$301,274</u>

(3) **Section 12(2)(c) Terms of preference or preferred stock, cumulative or participating, or on dividends or assets or otherwise.**

There is no preferred stock authorized, issued or outstanding.

(4) **Section 12(2)(d) Brief description of each mortgage on property of applicant, giving date of execution, name of mortgagor, name or mortgagee, or trustee, amount of indebtedness authorized to be secured, and the amount of indebtedness actually secured, together with any sinking fund provision.**

Duke Energy Kentucky does not have any liabilities secured by a mortgage.

(5) **Section 12(2)(e) Amount of bonds authorized, and amount issued, giving the name of the public utility which issued the same, describing each class separately, and giving the date of issue, face value, rate of interest, date of maturity and how secured, together with the amount of interest paid thereon during the last fiscal year.**

The Company has fourteen outstanding issues of unsecured senior debentures issued under an Indenture dated December 1, 2004, between itself and Deutsche Bank Trust Company Americas, as Trustee, as supplemented by eight Supplemental Indentures. The Indenture

allows the Company to issue debt securities in an unlimited amount from time to time. The Debentures issued and outstanding under the Indenture are the following:

Supplemental Indenture	Date of Issue	Principal Amount Authorized and Issued	Principal Amount Outstanding	Rate of Interest	Date of Maturity	Interest Paid Year 2022
1 st Supplemental	3/7/2006	65,000,000	65,000,000	6.200%	3/10/2036	4,030,000
3 rd Supplemental	1/5/2016	45,000,000	45,000,000	3.420%	1/15/2026	1,539,000
3 rd Supplemental	1/5/2016	50,000,000	50,000,000	4.450%	1/15/2046	2,225,000
4 th Supplemental	9/7/2017	30,000,000	30,000,000	3.350%	9/15/2029	1,005,000
4 th Supplemental	9/7/2017	30,000,000	30,000,000	4.110%	9/15/2047	1,233,000
4 th Supplemental	9/7/2017	30,000,000	30,000,000	4.260%	9/15/2057	1,278,000
5 th Supplemental	10/3/2018	25,000,000	25,000,000	4.010%	10/15/2023	1,002,500
5 th Supplemental	10/3/2018	40,000,000	40,000,000	4.180%	10/15/2028	1,672,000
5 th Supplemental	12/12/2018	35,000,000	35,000,000	4.620%	12/15/2048	1,617,000
6 th Supplemental	7/17/2019	40,000,000	40,000,000	4.320%	7/15/2049	1,728,000
7 th Supplemental	9/15/2019	95,000,000	95,000,000	3.230%	10/01/2025	3,068,500
7 th Supplemental	9/15/2019	75,000,000	75,000,000	3.560%	10/01/2029	2,670,000
8 th Supplemental	9/15/2020	35,000,000	35,000,000	2.650%	9/15/2030	927,500
8 th Supplemental	9/15/2020	35,000,000	35,000,000	3.660%	9/15/2050	1,281,000
			630,000,000			25,276,500

(6) **Section 12(2)(f) Each note outstanding, giving date of issue, amount, date of maturity, rate of interest, in whose favor, together with amount of interest paid thereon during the last fiscal year.**

The Company has one outstanding \$50,000,000 unsecured, two-year bank term loan note issued on October 12, 2021. Interest accrues at an annual rate equal to SOFR (Secured Overnight Financing Rate) plus 60 basis points and is paid quarterly. The term loan will mature on October 12, 2023.

<u>Note Outstanding</u>	<u>Date of Issue</u>	<u>Principal Amount Authorized and Outstanding</u>	<u>Rate of Interest</u>	<u>Date of Maturity</u>	<u>Interest Paid Year 2022</u>
Term Loan	10/12/2021	50,000,000	SOFR + 60bps	10/12/2023	1,257,234

(7) **Section 12(2)(g) Other indebtedness, giving same by classes and describing security, if any, with a brief statement of the devolution or assumption of any portion of such indebtedness upon or by person or corporation if the original**

liability has been transferred, together with amount of interest paid thereon during the last fiscal year.

The Company has two series of Pollution Control Revenue Refunding Bonds issued under a Trust Indenture dated as of August 1, 2006 and a Trust Indenture dated as of December 1, 2008, between the County of Boone, Kentucky and Deutsche Bank National Trust Company as Trustee. The Company's obligation to make payments equal to debt service on the Bonds is evidenced by a Loan Agreement dated as of August 1, 2006 and December 1, 2008 between the County of Boone, Kentucky and Duke Energy Kentucky. The Bonds issued under the Indentures are below. On Nov 1, 2021, the Company bought in the Series 2008A bond, and remarketed the bond in June 2022.

Indenture	Date of Issue	Principal Amount Authorized and Issued	Principal Amount Outstanding	Rate of Interest	Date of Maturity	Interest Paid Year 2022
Series 2010	11/24/2010	26,720,000	26,720,000	3.86% ⁽¹⁾	8/1/2027	1,031,392
Series 2008A	12/01/2011	50,000,000	<u>50,000,000</u>	3.70% ⁽²⁾	8/1/2027	<u>945,558</u>
			76,720,000			1,976,950

⁽¹⁾ The bonds were issued at a variable-rate and were swapped to a fixed rate of 3.86% for the life of the debt.

⁽²⁾ Bonds were remarketed in June 2022 under a fixed-to-maturity interest rate mode (3.70% coupon).

The Company has no outstanding financing leases as of June 30, 2023.

The Company also has \$142,322,000 of money pool borrowings outstanding as of June 30, 2023, \$25,000,000 of which is classified as Long-Term Debt payable to affiliated companies. This obligation, which is short-term by nature, is classified as long-term due to Duke Energy Kentucky's intent and ability to utilize such borrowings as long-term financing.

(8) Section 12(2)(h) Rate and amount of dividends paid during the last five (5) previous fiscal years, and the amount of capital stock on which dividends were paid each year.

DIVIDENDS PER SHARE

Year Ending	Per Share	Total	No. of Shares	Par Value of Stock
December 31, 2018	0	0	585,333	8,779,995
December 31, 2019	0	0	585,333	8,779,995
December 31, 2020	0	0	585,333	8,779,995
December 31, 2021	0	0	585,333	8,779,995
December 31, 2022	0	0	585,333	8,779,995

(9) Section 12(2)(i) A detailed Income Statement and Balance Sheet.

DUKE ENERGY KENTUCKY, INC.
CONDENSED STATEMENTS OF OPERATIONS
(Unaudited)
(In thousands)

	Six Months Ended June 30 2023
Operating Revenues	
Electric	213,535
Gas	76,772
Total operating revenues	290,307
Operating Expenses	
Fuel used in electric generation and purchased power	75,865
Natural gas purchased	29,624
Operation, maintenance and other	70,814
Depreciation and amortization	52,206
Property and other taxes	4,096
Goodwill and other impairment charges	55
Total operating expenses	232,660
Gains on Sales of Other Assets and Other, net	400
Operating Income	58,047
Other Income and Expenses, net	4,796
Interest Expense	16,945
Income Before Income Taxes	45,898
Income Tax Expense	9,051
Income From Continuing Operations	36,847
Income From Discontinued Operations, net of tax	-
Net Income	36,847

DUKE ENERGY KENTUCKY, INC.
Condensed Balance Sheets
(Unaudited)

(in thousands, except share amounts)	June 30, 2023
ASSETS	
Current Assets	
Cash and Cash Equivalents	797
Receivables (net of allowance for doubtful accounts)	12,244
Receivables from affiliated companies	30,724
Notes Receivables from affiliated companies	-
Inventory	70,133
Regulatory Assets	19,716
Other	19,039
Total Current Assets	152,653
Property, Plant and Equipment	
Cost	3,304,433
Less Accumulated Depreciation and Amortization	(1,109,182)
Generation Facilities To Be Retired	-
Net Property Plant and Equipment	2,195,251
Other Noncurrent Assets	
Regulatory Assets	109,913
Operating Lease Right-of-Use assets	7,815
Other	18,698
Total Other Noncurrent Assets	136,426
Total Assets	2,484,330
LIABILITIES AND COMMON STOCKHOLDERS' EQUITY	
Current Liabilities	
Accounts Payable	43,232
Accounts payable to affiliated companies	20,415
Notes payable to affiliated companies	117,322
Taxes Accrued	18,925
Interest Accrued	7,987
Current Maturities of Long-Term Debt	74,993
Asset Retirement Obligations	11,530
Regulatory Liabilities	10,171
Other	19,247
Total Current Liabilities	323,822
Long-Term Debt	679,344
Notes payable to affiliated companies	25,000
Other Noncurrent Liabilities	
Deferred Income Taxes	282,889
Asset Retirement Obligations	93,101
Regulatory Liabilities	107,220
Operating Lease Liabilities	7,852
Accrued Pension and Other Post-Retirement Benefit Costs	27,496
Other	20,574
Total Other Noncurrent Liabilities	539,132
Commitments and Contingencies	-
Equity	
Common Stock, \$15.00 par value, 1,000,000 shares authorized and 585,333 shares outstanding	8,780
Additional Paid in Capital	292,494
Retained Earnings	615,758
Total Duke Energy Corporation Stockholders' Equity	917,032
Noncontrolling Interests	-
Total Liabilities and Equity	2,484,330

Detail Project: M21037401 Limaburg-Oakbrook RLE				
Category	Estimated Cost	FERC Account / Plant	Description	Estimated Cost
Labor	\$ 59,134.00	355	Poles and Fixtures	\$ -
Outside Services	\$ 600.00	356	Overhead Conductors and Devices	\$ -
Material	\$ 485.00	354	Towers and Fixtures	\$ -
Indirects	\$ 16,177.00	350	Land and Land Rights	\$ 200,766.00
Contingency	\$ 33,461.00	357	Underground Conduit	\$ -
Grants and Easements	\$ 90,909.00	358	Underground Conductors and Devices	\$ -
Total	\$ 200,766.00	Total		\$ 200,766.00

Detail Project: M21037402 Hebron-Route 237 RLE				
Category	Estimated Cost	FERC Account / Plant	Description	Estimated Cost
Labor	\$ 191,241.00	355	Poles and Fixtures	\$ -
Outside Services	\$ 172,572.00	356	Overhead Conductors and Devices	\$ -
Material	\$ 356.00	354	Towers and Fixtures	\$ -
Indirects	\$ 369,135.00	350	Land and Land Rights	\$ 3,194,802.00
Contingency	\$ 461,498.00	357	Underground Conduit	\$ -
Grants and Easements	\$ 2,000,000.00	358	Underground Conductors and Devices	\$ -
Total	\$ 3,194,802.00	Total		\$ 3,194,802.00

Detail Project: M19030902 Hebron to 15268C Tap-Install New 69 kV Line				
Category	Estimated Cost	FERC Account / Plant	Description	Estimated Cost
Labor	\$ 5,026,044.00	355	Poles and Fixtures	\$ 16,509,252.00
Outside Services	\$ 2,405,100.00	356	Overhead Conductors and Devices	\$ 1,242,632.00
Material	\$ 4,509,590.00	354	Towers and Fixtures	\$ -
Indirects	\$ 3,495,687.00	350	Land and Land Rights	\$ -
Contingency	\$ 2,315,463.00	357	Underground Conduit	\$ -
Grants and Easements	\$ -	358	Underground Conductors and Devices	\$ -
Total	\$ 17,751,884.00	Total		\$ 17,751,884.00

Detail Project: M19030903 Feeder 6763-Rebuild Oakbrook to Limaburg				
Category	Estimated Cost	FERC Account / Plant	Description	Estimated Cost
Labor	\$ 2,493,754.00	355	Poles and Fixtures	\$ 6,399,764.00
Outside Services	\$ 2,131,500.00	356	Overhead Conductors and Devices	\$ 1,501,180.00
Material	\$ 1,666,688.00	354	Towers and Fixtures	\$ -
Indirects	\$ 1,890,408.00	350	Land and Land Rights	\$ -
Contingency	\$ 1,227,353.00	357	Underground Conduit	\$ -
Grants and Easements	\$ -	358	Underground Conductors and Devices	\$ -
		108	Cost of Removal	\$ 1,508,759.00
Total	\$ 9,409,703.00	Total		\$ 9,409,703.00

Detail Project: M190309DL1 F6763 Underbuild Limaburg				
Category	Estimated Cost	FERC Account / Plant	Description	Estimated Cost
Labor	\$ 225,296.00	364	Poles and Fixtures	\$ 115,414.00
Outside Services	\$ 40,633.00	365	Overhead Conductors and Devices	\$ 363,754.00
Material	\$ 22,562.00	364	Towers and Fixtures	\$ -
Indirects	\$ 145,345.00	360	Land and Land Rights	\$ -
Contingency	\$ 65,075.00	366	Underground Conduit	\$ -
Grants and Easements	\$ -	367	Underground Conductors and Devices	\$ 19,743.00
Total	\$ 498,911.00	Total		\$ 498,911.00

Detail Project: M190309DL3 New 15264 Transfer				
Category	Estimated Cost	FERC Account / Plant	Description	Estimated Cost
Labor	\$ 9,585.00	364	Poles and Fixtures	\$ -
Outside Services	\$ 127.00	365	Overhead Conductors and Devices	\$ 16,936.00
Material	\$ -	364	Towers and Fixtures	\$ -
Indirects	\$ 5,015.00	360	Land and Land Rights	\$ -
Contingency	\$ 2,209.00	366	Underground Conduit	\$ -
Grants and Easements	\$ -	367	Underground Conductors and Devices	\$ -
Total	\$ 16,936.00	Total		\$ 16,936.00

Detail Project: M19030901 Hebron Install 69kV CB				
Category	Estimated Cost	FERC Account / Plant	Description	Estimated Cost
Labor	\$ 1,215,115.00	355	Poles and Fixtures	\$ -
Outside Services	\$ 270,300.00	356	Overhead Conductors and Devices	\$ -
Material	\$ 663,747.00	354	Towers and Fixtures	\$ -
Indirects	\$ 677,494.00	350	Land and Land Rights	\$ -
Contingency	\$ 423,998.00	352	Structures and Improvements	\$ 2,763,056.00
Grants and Easements	\$ -	353	Station Equipment	\$ 487,598.00
Total	\$ 3,250,654.00	Total		\$ 3,250,654.00

Detail Project: M19030906 Limaburg Station Uprate				
Category	Estimated Cost	FERC Account / Plant	Description	Estimated Cost
Labor	\$ 81,723.00	355	Poles and Fixtures	\$ -
Outside Services	\$ 17,900.00	356	Overhead Conductors and Devices	\$ -
Material	\$ 4,420.00	354	Towers and Fixtures	\$ -
Indirects	\$ 31,858.00	350	Land and Land Rights	\$ -
Contingency	\$ 20,385.00	352	Structures and Improvements	\$ 156,286.00
Grants and Easements	\$ -	353	Station Equipment	\$ -
Total	\$ 156,286.00	Total		\$ 156,286.00

Detail Project: M19030907 Levi Strauss Station Uprate				
Category	Estimated Cost	FERC Account / Plant	Description	Estimated Cost
Labor	\$ 39,715.00	355	Poles and Fixtures	\$ -
Outside Services	\$ 9,000.00	356	Overhead Conductors and Devices	\$ -
Material	\$ 2,210.00	354	Towers and Fixtures	\$ -
Indirects	\$ 16,418.00	350	Land and Land Rights	\$ -
Contingency	\$ 10,101.00	352	Structures and Improvements	\$ 77,444.00
Grants and Easements	\$ -	353	Station Equipment	\$ -
Total	\$ 77,444.00	Total		\$ 77,444.00

Detail Project: M19030908 Oakbrook Sub 15264 Changes				
Category	Estimated Cost	FERC Account / Plant	Description	Estimated Cost
Labor	\$ 58,720.00	355	Poles and Fixtures	\$ -
Outside Services	\$ 13,300.00	356	Overhead Conductors and Devices	\$ -
Material	\$ 16,575.00	354	Towers and Fixtures	\$ -
Indirects	\$ 29,019.00	350	Land and Land Rights	\$ -
Contingency	\$ 17,642.00	352	Structures and Improvements	\$ 135,256.00
Grants and Easements	\$ -	353	Station Equipment	\$ -
Total	\$ 135,256.00	Total		\$ 135,256.00



**Hebron to Oakbrook Reliability Project
138 kV Transmission Line Route
Selection Study Report**

Boone County, Kentucky

Project No. M210374

November 2, 2022

Prepared for:

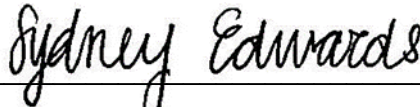
Duke Energy Kentucky, Inc.
139 East Main Street
Cincinnati, OH 45202

Prepared by:

Stantec Consulting Services Inc.
11687 Lebanon Road
Cincinnati, OH 45251

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Prepared by



(signature)

Sydney Edwards

Reviewed by



(signature)

Meghan Lind

Approved by



(signature)

Tennile Rubin

Table of Contents

1.0	INTRODUCTION	1.6
1.1	PURPOSE AND NEED	1.6
1.2	PROJECT DESCRIPTION AND REQUIREMENTS.....	1.8
1.2.1	Project Description	1.8
1.2.2	Project Requirements.....	1.8
1.2.2.1	System Planning Requirements	1.8
1.2.2.2	Engineering Requirements/Planning Considerations.....	1.8
1.2.2.3	Impacts to the Natural Environment and Land Use	1.8
1.3	PROJECT TIMELINE AND REGULATORY APPROVALS	1.9
1.4	GOAL OF THE ROUTE SELECTION STUDY	1.9
2.0	ROUTE SELECTION METHODOLOGY	2.10
2.1	STUDY AREA	2.10
2.2	SITING CRITERIA SELECTION AND DATA COLLECTION	2.10
2.3	IDENTIFICATION OF ROUTE ALTERNATIVES	2.10
2.4	ALTERNATIVE ROUTE EVALUATION	2.10
2.4.1	Public and Stakeholder Engagement	2.11
2.5	SELECTION OF PREFERRED ROUTE	2.11
3.0	ROUTE EVALUATION RESULTS	3.12
3.1	STUDY AREA DELINEATION	3.12
3.2	ESTABLISHMENT OF EVALUATION CRITERIA.....	3.13
3.3	IDENTIFICATION OF ROUTE ALTERNATIVES	3.13
3.4	ALTERNATIVE ROUTE EVALUATION	3.14
3.4.1	Public and Stakeholder Engagement	3.15
3.4.2	Ecological.....	3.15
3.4.3	Land Use.....	3.15
3.4.4	Cultural Resources.....	3.16
3.4.5	Engineering.....	3.16
3.5	ROUTE SELECTION.....	3.16
3.5.1	Description of Preferred Route.....	3.18
4.0	CONCLUSION	4.19
5.0	REFERENCES	5.20

LIST OF FIGURES

Figure 1. Project Overview1.7
Figure 2. Distribution of Quantitative Route Analysis Scores.....3.18

Appendix A:

- Figure A-1. Project Location and Topography
- Figure A-2. Project Location - Orthophotography
- Figure A-3. Segment Network
- Figure A-4. Route Alternatives
- Figure A-5. Environmental and Cultural Resources
- Figure A-6. Land Use and Social Constraints
- Figure A-7. Engineering Constraints
- Figure A-8. Preferred Route

LIST OF APPENDICES

Appendix A Constraints Mapping
Appendix B Tables

Executive Summary

Stantec Consulting Services Inc. (Stantec) was retained by Duke Energy Kentucky, Inc. (Duke Energy) to conduct a Route Selection Study for a new 138 kV transmission line from the Hebron Substation to the Oakbrook Substation located in the Cities of Francisville and Hebron in Boone County, Kentucky (the Project). As part of the Project, the current three-terminal circuit at the Hebron Substation will be split into two, two-terminal circuits, allowing for the retirement of circuit #6763 that currently feeds the Oakbrook Substation. Future plans include increasing the new line to 138 kV although it will initially be operated at 69 kV. The Project will alleviate reliability concerns and prepare for expected load growth within Boone County.

To select a Preferred Route for this new transmission line, a Siting Team followed a detailed siting process to review opportunities and constraints in the Study Area. The Route Selection Study included identification of an approximately 1.6-square mile Study Area, data collection, identification of Route Segments, identification of Route Alternatives, quantification of siting criteria for each Route Alternative, evaluation of qualitative factors, alternatives comparison, and the selection of a Preferred Route. The Study Area is primarily made up of industrial and commercial land uses with a few small areas of residential and undeveloped lands. Twenty-nine route alternatives were identified within the Study Area that require from 1.7 to 2.5 miles of new circuit. Primary factors driving the evaluation include engineering, land use, and ecological impacts. There are no anticipated impacts to cultural resources along any of the route alternatives. The main ecological drivers included wetlands, tree clearing, and streams crossed, mostly associated with Sand Run. There are a few residences, institutional, and sensitive land uses throughout the study area but most of the properties crossed are industrial and commercial businesses. Route length, steep slope crossings, length of existing utilities within ROW, and number of turn angles were the major drivers of the engineering challenges identified during the route analysis.

The Siting Team identified a Segment Network comprised of 27 Route Segments based on opportunities and constraints in the Study Area. After the Segment Network was developed, Duke Energy was informed by EKPC during the public outreach portion of the Study, that they also plan to construct a 69 kV transmission line within the Study Area and have a preferred route selected. This resulted in the removal of all segments that conflicted with EKPC's proposed route (Route Segments 11, 16, 17, and 18) from further consideration because there was not sufficient room to build both the EKPC line and this proposed transmission line along those segments. This reduced the potential route alternatives from 43 to 29. The remaining 29 route alternatives were all considered feasible and were evaluated for selection as the preferred route.

After the 29 route alternatives were identified, additional information about proposed development in the study area was discovered that impacted the route selection process. It was discovered that St. Elizabeth started constructing new medical office buildings along segments 20, 22, and 23 and has plans for more development on those properties that conflicts with being able to construct a transmission line. Therefore, based on the qualitative and quantitative review, route alternatives that utilized segments 20, 22, and 23 were not chosen as the preferred route.

Based on the comprehensive quantitative and qualitative evaluation, Route L was selected as the preferred route. This route is approximately 2.1 miles in length and utilizes segments 2, 5, 7, 13, 14, 15, 19, 21, and 24. While Route L scored 12th out of 29 potential routes, there were numerous

qualitative factors that resulted in it being selected as the preferred route. It was determined that routes that utilized segments 25 and 26 along North Bend Road north of Interstate 275 would require crossing over the new EKPC line along North Bend Road. The crossing of the EKPC line in this area would require potential pole heights of 150' to 160' near the Federal Aviation Administration (FAA) height threshold for Cincinnati/Northern Kentucky International Airport (CVG). The area around segment 12 crossing North Bend Road north of Interstate 275 is very congested with existing utilities and commercial business and would potentially require engineered poles that could significantly impact the gas station on the east side of North Bend Road as well as additional businesses. Routes that utilized segment 19 were identified as beneficial because it would allow Duke Energy Kentucky to relocate the existing transmission line within KYTC road right of way (ROW) and construct the new line without any new structures within KYTC ROW. Segments 21 and 24 were selected south of Interstate 275 to avoid impacting the development on St. Elizabeth's property. To traverse the industrial park, the team selected segments 2, 5, 7, 13, and 14, over segments 1, 3, and 10 to utilize the existing transmission corridor and reduce impacts to commercial buildings and existing infrastructure along Worldwide Boulevard.

Abbreviations

CPCN	Certificate of Public Convenience and Necessity
Duke Energy	Duke Energy Kentucky, Inc.
EKPC	Eastern Kentucky Power Cooperative
FEMA	Federal Emergency Management Agency
GIS	geographic information system
IPaC	U.S. Fish & Wildlife Service Information for Planning and Consultation
kV	kilovolt
KYTC	Kentucky Transportation Cabinet
NAIP	National Agriculture Imagery Program
NLAA	not likely to adversely affect
NRCS	Natural Resources Conservation Service
NHD	National Hydrography Dataset
NPS	National Park Service
NRHP	National Register of Historic Places
NWI	National Wetlands Inventory
PSC	Public Service Commission
ROW	right-of-way
Stantec	Stantec Consulting Services Inc.
T/E	threatened or endangered
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey

1.0 INTRODUCTION

Duke Energy Kentucky, Inc. (Duke Energy) is planning a new 138 kilovolt (kV) transmission line in the Cities of Francisville and Hebron in Boone County, Kentucky. The new line will connect the existing Hebron Substation with the Oakbrook Substation via a tie-in with a Duke Energy-owned 69 kV line between Limaburg and Oakbrook Substations (the Project) (Figure 1). Duke Energy retained Stantec Consulting Services Inc. (Stantec) to complete a Route Selection Study to identify and evaluate potential routes for the proposed Project.

As part of the Project, the current three-terminal circuit at the Hebron Substation will be split into two two-terminal circuits, allowing for the retirement of circuit #15268. Future plans include increasing the voltage of this new circuit between Hebron and Oakbrook to 138 kV although it will initially be operated at 69 kV. The future upgrade to 138 kV will require rebuilding portions of the existing circuit to handle the increased voltage. Because the future plan to operate this circuit to 138 kV, the plan is to construct this new line to 138 kV capacity to avoid rebuilding the line in the future. Since the line is expected to be over 1 mile in length and capable of handling 138 kV capacity, a certificate of public convenience and necessity (CPCN) from the Kentucky Public Service Commission (PSC) is required prior to construction.

1.1 PURPOSE AND NEED

The Project is planned to address expected load growth and reliability concerns within Boone County. This Project will add capacity for future growth in the region, increase reliability by providing alternatives for operations during planned or unexpected outages, allow flexibility for providing critical energy, and help maintain a robust system for supplying and delivering electric service. Future plans to account for expected load growth include energizing the new line to 138 kV. The Project is part of a larger reliability project that will include rebuilding an existing 69 kV transmission line and its associated equipment from Limaburg Substation along Limaburg Road in Hebron to Burlington Pike in Burlington.

Duke Energy has a state and federally mandated responsibility to provide reliable electric service. The Project will deliver safe, reliable electricity via an optimized route that minimizes project costs and impacts to existing utility infrastructure (substations and transmission lines) and property owners and minimizes or avoids impacts to the natural and built environment. The purpose of the Route Selection Study was to evaluate potential routes for the Project to alleviate reliability concerns and prepare for future growth while meeting these other objectives.

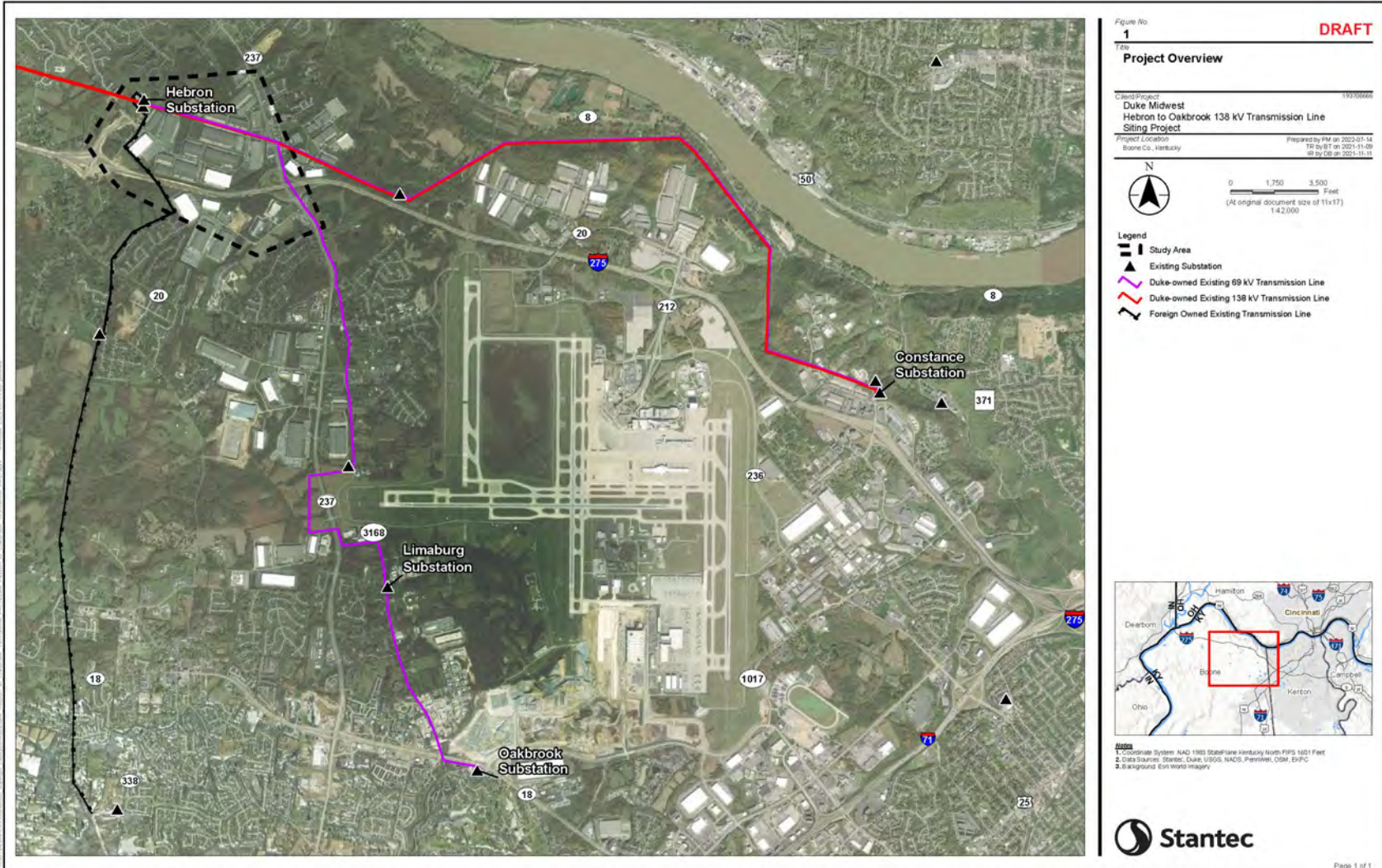
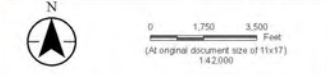


Figure No. **1** **DRAFT**
 Title **Project Overview**

Client/Project 19308663
Duke Midwest
Hebron to Oakbrook 138 kV Transmission Line
Siting Project
 Project Location Prepared by PM on 2023-07-14
 Boone Co., Kentucky TR by BT on 2021-11-09
AD by DB on 2021-11-01



- Legend**
- Study Area
 - Existing Substation
 - Duke-owned Existing 69 kV Transmission Line
 - Duke-owned Existing 138 kV Transmission Line
 - Foreign Owned Existing Transmission Line



Notes
 1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
 2. Data Source: Stantec, Duke, USGS, NACS, PennWell, O&E, EPSC
 3. Background: Esri World Imagery



Disclaimer: This document has been prepared based on information provided by others as cited in the notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.

1.2 PROJECT DESCRIPTION AND REQUIREMENTS

1.2.1 Project Description

The Project will include a new transmission line between the Hebron Substation and Tap to Limaburg 69 kV line along Highway 237/North Bend Road in Boone County, Kentucky (**Appendix A, Figures A-1 and A-2**). The proposed line will be owned and operated by Duke Energy Kentucky.

1.2.2 Project Requirements

The siting guidelines below were applied throughout the route evaluation process:

1.2.2.1 System Planning Requirements

- Meet the electrical need and requirements in an economic and reliable way.

1.2.2.2 Engineering Requirements/Planning Considerations

- Secure right-of-way (ROW) width of 100 feet cross-country and 70 feet parallel and adjacent to road ROW.
- Evaluate paralleling existing utility and transportation corridors
- Avoid or minimize severance of parcel boundaries to extent practicable
- Avoid or minimize interference with existing land uses
- Avoid or minimize route angles greater than 30 degrees
- Avoid or minimize slopes steeper than 20%
- Avoid or minimize spans greater than 400 feet
- Minimize route length, circuitry, cost, and special design requirements

1.2.2.3 Impacts to the Natural Environment and Land Use

Where possible:

- Avoid or minimize the removal or substantial interference with existing residences.
- Minimize the removal of existing barns, garages, commercial buildings, and other non-residential structures.
- Avoid or minimize interference with the use and operation of existing schools, recognized places of worship, cemeteries, and facilities used for cultural, historical, and recreational purposes.
- Maximize the sharing or paralleling of existing ROWs unless paralleling interferes with the safe operation or maintenance of the new line or existing facility.
- Avoid or minimize interference with economic activities, including agricultural and silvicultural activities.
- Avoid or minimize interference with existing/future land uses (planned developments/road construction activities)
- Avoid or minimize siting structures within Federal Emergency Management Agency (FEMA)-mapped floodways
- Avoid or minimize the crossing of environmentally and culturally sensitive lands, such as recreation lands; historic sites; national and state forests and parks; nature

preserves; conservation lands and easements; large reservoirs and large wetland complexes; critical habitat; and other unique or distinct natural resources.

- Where crossings of sensitive lands are unavoidable, maximize the use of existing crossings.
- Avoid crossing federal, state, and municipal lands.
- Avoid or minimize substantial visual impact on residential areas and public resources.
- Avoid or minimize interference with regulated airspace.

1.3 PROJECT TIMELINE AND REGULATORY APPROVALS

Duke Energy plans to begin construction on the Project in early 2024 with a goal of having the new line constructed and in service by December 2024. Because the future plan is to energize the line to 138 kV and the line is expected to be over 1 mile in length, the requirement for a CPCN from the Kentucky PSC is triggered.

Through coordination with the U.S. Fish and Wildlife Service (USFWS), several threatened or endangered (T/E) species have been identified as possibly existing within the Study Area. Upon selection of a Preferred Route, additional agency coordination may be required to determine the need for species/habitat surveys and if construction restrictions are necessary. County construction and environmental permits will need to be obtained prior to construction.

1.4 GOAL OF THE ROUTE SELECTION STUDY

The goal of the Route Selection Study was to evaluate potential routes and select a preferred route to prepare for expected load growth within Boone County and alleviate reliability concerns while considering Duke Energy's long-term business needs and avoiding or minimizing undesired impacts to the environment and community.

2.0 ROUTE SELECTION METHODOLOGY

At the beginning of the route selection process, a multidisciplinary Siting Team was established to evaluate the site requirements, opportunities, and constraints. The Siting Team was comprised of Duke Energy and Stantec staff experienced in siting, planning, public engagement, engineering, permitting, vegetation management, project management, asset protection, community and government relations, construction, and real estate.

2.1 STUDY AREA

In consultation with the Siting Team, a siting Study Area was established. The Study Area is defined as the area in which alternative routes can be identified to meet the Project's purpose and need while minimizing social and ecological impacts and Project costs.

2.2 SITING CRITERIA SELECTION AND DATA COLLECTION

Environmental, cultural, land use, social, and engineering data were collected and mapped in a geographic information system (GIS) to identify constraints and opportunities within the Study Area. Constraints are specific areas that should be avoided to the extent practicable during the route selection process. Opportunities are locations where the proposed line routes might be located while minimizing or avoiding adverse ecological or social impacts. After the Siting Team reviewed the specific opportunities and constraints in the Study Area, Project-specific siting criteria were established for identifying and evaluating Route Alternatives.

2.3 IDENTIFICATION OF ROUTE ALTERNATIVES

The Siting Team used the guidelines (see Section 1.2.2) and opportunities and constraints observed in the Study Area to develop a Segment Network. The Siting Team then reviewed this network to identify any fatal flaws, engineering feasibility and constructability issues, and data gaps. Members of the Siting Team reviewed segments in the field, and then combined them to create full-length Route Alternatives, which were used in the evaluation process.

2.4 ALTERNATIVE ROUTE EVALUATION

Once the Route Alternatives were identified, Stantec conducted a comparative analysis using Project-specific data, which included quantitative scoring and ranking based on the evaluation criteria (see Section 2.2). The quantitative analysis began by grouping the opportunities and constraint data assembled as part of the Project GIS into three tiers (criteria group, criteria, and sub-criteria). The data were then weighted with regards to sensitivity to electrical transmission line construction and operation. The weights assigned to the criteria were based on Project-specific considerations and the combined experience of the Siting Team.

Each sub-criterion was calculated by route and the raw data were normalized so that the data could be combined in the analysis. The following formula was used for the normalization:

Normalized value for criterion = value of criterion for route / maximum value for all routes

An example is provided below:

Properties with unique ownership crossed by ROW criterion for Route A = 24 / 27

Where: 24 is the number of properties with unique ownership for Route A

27 is the maximum number of properties with unique ownership for any route

A weighted multiplier was then applied to the normalized value to arrive at a score for that sub-criterion. The weighted multipliers for each sub-criterion were established by multiplying the criteria group, criteria, and sub-criteria weights together. For example, the weighted multiplier for the “Number of properties with unique ownership” sub-criterion was 0.0350, whereby the sub-criteria weight of 100 percent was multiplied by properties crossed criteria weight of 10 percent and the land use criteria group weight of 35 percent. The sub-criterion scores for each route were then added together to arrive at a composite score for that route, with lower scores being more favorable.

2.4.1 Public and Stakeholder Engagement

Project evaluation included two virtual open houses and a 30-day public comment period. Public engagement specialists prepared a virtual open house, which provided an overview of the Project need, details, schedule, and construction details, and an interactive map of the Route Alternatives. Details about the virtual open house were distributed by mail to property owners within 500 feet of the Routes. Comments could be submitted by comment form, email, or phone and were considered in the refinement of Route Alternatives.

2.5 SELECTION OF PREFERRED ROUTE

The Siting Team reviewed the evaluation results and public comments received, assessed potential impacts to the community and natural environment, and identified potential barriers or challenges to the construction and operation of the Route Alternatives. Using the quantitative and qualitative criteria, the Siting Team selected a Preferred Route that met the overall need of the Project while minimizing potential impacts to the extent possible.

3.0 ROUTE EVALUATION RESULTS

3.1 STUDY AREA DELINEATION

The Siting Team identified a 1.6-square mile Study Area for data collection and identification of Route Alternatives. The Study Area is primarily comprised of commercial and industrial buildings and associated facilities with some small residential developments and areas of fields and forest (**Appendix A, Figures A-1 and A-2**).

The Study Area encompassed the Hebron Substation in the northwest corner and is crossed by Interstate 275 east/west through the southern portion of the Study Area. Highway 237/North Bend Road forms the Study Area's eastern edge. The boundary extends south to include Litton Lane but largely excludes the residential areas to the south of Interstate 275. The northern boundary bisects a forested/agricultural area to include the industrial area to the north of Duke Energy's existing 69-kV and 138-kV transmission lines. The western boundary extends west of the Hebron Substation and around the new Graves Road and Interstate 275 interchange. There are small residential areas located in the western most portion of the Study Area, north of the Hebron Substation, and along the southern and eastern boundaries of the Study Area. There is a commercial district along Highway 237/North Bend Road that includes multiple restaurants and commercial facilities, two childcare facilities, a public library, a church, and a few primary care offices. Additionally, there is a fire station located immediately south of the existing Hebron Substation (**Appendix A, Figure A-6**).

There is one perennial stream, Sand Run, and multiple intermittent streams and potential waterbodies and wetlands within the Study Area (**Appendix A, Figure A-5**). There were no FEMA flood zones associated with Sand Run or any of the intermittent streams within the Study Area (**Appendix A, Figure A-5**).

According to the cultural and archeological review report, there were 15 previously recorded archaeological sites recorded within the Study Area (**Appendix A, Figure A-5**). All archaeological sites either do not meet National Register criteria or are considered totally disturbed¹. There were 34 Kentucky Heritage Council Historic Resources identified within the Study Area (**Appendix A, Figure A-5**); none of them are listed on the National Register of Historic Places (NRHP) and most are likely ineligible or destroyed. Only one Historic Resource (BE 109, William Watts House) was determined eligible for the NRHP; however, the owner objected so the property was not listed, and the house now appears to have been demolished.

Numerous existing transmission lines, distribution lines, gas mains, sewer lines, stormwater lines, and water lines crisscross the Study Area to serve the industrial, commercial, and residential areas. Additionally, there are two planned projects within the Study Area. The Kentucky Transportation Cabinet (KYTC) is planning to conduct the Graves Road Widening Project in the western portion of the Study Area, near the existing Hebron Substation and the East Kentucky Power Cooperative (EKPC) is planning to build a new 69 kV transmission line that comes out of the Hebron substation to the south and follows Interstate 275 through the Study Area (**Appendix**

¹ While Figure A-5 states that the archaeological inventory sites are of undetermined eligibility, the report states that all are either destroyed or likely ineligible for listing.

A, Figure A-7). The topography is relatively hilly, with steep slopes (>20%) surrounding much of the existing infrastructure within the Study Area (**Appendix A, Figure A-7**).

3.2 ESTABLISHMENT OF EVALUATION CRITERIA

After the Study Area was delineated, the Siting Team collected constraint and opportunity data to support the identification and evaluation of Route Alternatives. The sources of the environmental, cultural, land use, social, and engineering data used in the study are provided in **Appendix B, Table 1**. Weights applied to each of the criteria are provided in **Appendix B, Table 2**. The evaluation criteria were selected by the Siting Team based on specifics of the Study Area and what would meet Project requirements for constructability, schedule, cost, and operations and maintenance while avoiding or minimizing undesired impacts to the environment and community.

There were no features present along any of the Route Alternatives for several of the sub-criteria, and therefore no data to measure (grayed sub-criteria text in **Appendix B, Table 2**). All criteria shown in **Appendix B** reflect the final, adjusted weights used in the analysis.

Agency correspondence was conducted to learn more about the Study Area. The Kentucky Energy and Environment Cabinet, Office of Kentucky Nature Preserves provided information from the Natural Heritage Program Database on T/E or special concern plants and animals or exemplary natural communities within the Study Area. In addition, Stantec reviewed the USFWS Information Planning and Consultation (IPaC) online system and obtained an official species list from the USFWS to identify any federally listed T&E species or mapped critical habitat within the Study Area.

The Siting Team contracted Weller & Associates, Inc. to complete a cultural and archeological literature review, including a review of the Kentucky Archaeological Inventory files, Boone County atlases, histories, and historic maps, and the NRHP, among other resources. A summary of the cultural resources within the study area is provided above in section 3.1.

3.3 IDENTIFICATION OF ROUTE ALTERNATIVES

The Siting Team identified a Segment Network comprised of 27 Route Segments based on opportunities and constraints in the Study Area (**Appendix A, Figure A-3**). The Route Segments were located primarily within the center and eastern edge of the Study Area within the industrial/commercial complex and the Highway 237/North Bend Road ROW. Numerous constraints were present in the western and northeastern portions of the Study Area. No segments were identified southwest of the Hebron Substation because of tight clearances between residential properties, road ROW, the KYTC Graves Road Widening Project, Hebron Fire Protect District Station 2, an existing EKPC transmission line, and a water tower. No segments were identified within the northeastern portion of the Study Area because of the presence of a library, Lakeside Church of Christ, residential areas, and the constrained nature the development along Highway 237 road ROW in this area. The Siting Team identified segments paralleling the existing transmission corridor. It was determined the segments should parallel along the northern side of the transmission corridor due to challenges of existing utilities and terrain on the south side.

Numerous segments were identified in the industrial/commercial complex. The industrial/commercial complex provided routing challenges because of exiting utilities and short

distances between built infrastructure. Southern segments were included to provide an additional option for crossing Interstate 275, away from the 237 interchange.

After the Segment Network was developed, Duke Energy was informed by EKPC during the public outreach portion of the Study, that they also plan to construct a 69 kV transmission line within the Study Area and have a preferred route selected. This resulted in the removal of all segments that conflicted with EKPC's proposed route (Route Segments 11, 16, 17, and 18) from further consideration (**Appendix A, Figure A-3**). These segments were removed because there is not adequate horizontal space parallel to EKPC's route to accommodate two new transmission lines parallel and adjacent to one another due to existing utilities and buildings. Additionally, collocating the new Hebron to Oakbrook transmission line on the same facilities is not preferred due to planning, operational, reliability, and safety concerns.

The Duke Energy and Stantec Siting Team leads, completed field reconnaissance of the Segment Network from public ROW on December 15, 2021. During the reconnaissance, sensitive receptors (residences, schools, and churches) were verified, and photographs were taken to document existing site conditions. A follow-up site visit was conducted on June 29, 2022 to confirm additional resources within the Study Area.

After the segments that paralleled EKPC's route were removed, the segments were combined into the 29 full-length Route Alternatives as depicted on in the **Figure A-4 inset (Appendix A)**.

Broadly speaking, Route Alternatives were grouped into two categories based on where they crossed Interstate 275, either within the clover leaf or west of the clover leaf.

In the clover leaf

Routes A, G, M, AC, and AI utilized the clover leaf. These Route Alternatives took various routes through/around the industrial/commercial complex north of Interstate 275 before connecting to Segment 12 to cross Highway 237/North Bend Road north of the clover leaf. They then paralleled Highway 237/North Bend Road through the clover leaf, rebuilding the existing line in place.

West of the clover leaf

Routes C-F, I-L, O-R, T-W, AE-AH, and AK-AN avoided the clover leaf interchange. These Route Alternatives took the same various routes through and around the industrial/commercial complex north of Interstate 275 but then connected to Segment 19 at the southern edge of the industrial/commercial complex to cross Interstate 275 west of the clover leaf. They then traversed the land south of Interstate 275 either by paralleling KYTC ROW or cutting directly across to Litton Lane. The routes then connected to the existing line at one of two tap points, one to the north of Litton Lane and one to the south of Litton Lane.

3.4 ALTERNATIVE ROUTE EVALUATION

The Route Alternatives were evaluated for ecological, land use, cultural, and engineering constraints. The Route Alternatives were weighted and ranked with the lower scoring considered more favorable. The scores were not considered to be the definitive ranking of the routes, but as a measure of how impactful the routes would be based on the criteria established for the comparison. The results of the quantitative analysis are provided in **Appendix B, Table 3 and Appendix B, Figure 1** and described in detail in Sections 3.4.2 to 3.4.5.

In addition to the quantitative analysis, qualitative factors were important for the Siting Team to consider during the evaluation of the Route Alternatives. These factors include observations from

field reconnaissance, comments from stakeholder interactions, and Siting Team experience. Stakeholder feedback is described below.

3.4.1 Public and Stakeholder Engagement

Duke Energy sent out a public engagement letter to individuals with property within 500 feet of the Route Alternatives and requested input on the Project during a 30-day comment period that began on March 7, 2022. Duke Energy also hosted two virtual open houses during which the public could provide comment. There were three comments received; the Siting Team took these into consideration when choosing the Preferred Route.

Based on public comments received regarding planned development in the Study Area, Duke Energy reached out to and held meetings with St. Elizabeth Physicians (St. Elizabeth) located at 1980 Litton Lane. They indicated that they are under active construction on the southern adjacent parcel (impacting Segment 20) with plans to develop the eastern adjacent parcel (impacting Segment 22) as well. A site visit confirmed this additional development. Based on a review of ongoing construction and conceptual site plans provided by St. Elizabeth, it was determined that developing segments 20 and 22 would directly impact the active construction and planned construction of the medical office buildings.

3.4.2 Ecological

Ecological resources including streams, wetlands, and forested lands, were factors in the analysis; there were no floodplains or protected species occurrences within the Study Area. Wetland and stream complexes were mainly associated with Sand Run in the north central portion of the Study Area but also included intermittent streams associated with storm water drainage; all routes crossed at least one stream. Forest impacts were also present mainly in the area of Sand Run and the currently undeveloped parcels located immediately south of Interstate 275 and in the north central portion of the Study Area (**Appendix A, Figure A-5**). Forested land clearing was the most influential ecological factor in the quantitative analysis, with forested acres in ROW ranging from 1.19 to 9.62 acres with Routes that utilized Segment 4 having the highest impacts to forested lands (Routes A and C-F).

Duke Energy conducted agency consultation with Kentucky Natural Heritage Program and US Fish and Wildlife Service (USFWS). There were no records of Kentucky Natural Heritage Program monitored species within the Study Area. No impacts to listed mussel species are expected as no stream impacts are anticipated. Habitat for listed bat species potentially occurs within the Study Area and may be impacted by tree clearing activities. The USFWS provided the guidance document “Revised Conservation Strategy for Forest-Dwelling Bats In the Commonwealth of Kentucky” and recommended that Duke Energy conduct tree clearing activities in the winter during the unoccupied timeframe (November 15 - March 31).

3.4.3 Land Use

Land use constraints were also influential in the route analysis due to the presence of extensive industrial and commercial districts (**Appendix A, Figure A-6**). The Study Area is predominantly industrial development with some commercial development, residential properties, and undeveloped land. Institutional uses within the Study Area include the Boone County Public Library along the northern border of the Study Area, Lakeside Church of Christ and Children’s

House Hebron along Highway 237/North Bend Road north of Interstate 275, and St. Elizabeth and Elijah's Creek Kindercare along Highway 237/North Bend Road to the south of Interstate 275.

The majority of the Study Area is heavily constrained throughout by an existing industrial/commercial complex. Additionally, commercial development is extensive along Highway 237/North Bend Road and residential developments border the Study Area on all sides. The Boone County Public Library located along the northern border of the Study Area was considered a sensitive resource.

3.4.4 Cultural Resources

While historic and archaeological resources were identified in the Study Area (**Appendix A, Figure A-5**), all were deemed ineligible for listing on the NRHP or destroyed. Therefore, cultural resources were not a factor in the analysis (**Appendix B, Table 3**).

3.4.5 Engineering

All routes were considered constructable, though there were several engineering constraints within the Study Area that factored into the quantitative and qualitative analysis (**Appendix A, Figure A-7**). The number of turn angles ranged from 4 to 18 due to the heavily constrained nature of the Study Area. The Study Area also has significant portions of steep slopes throughout, most notably along the Sand Run corridor and surrounding Interstate 275 infrastructure. Segments that span the interstate would require long span lengths, with those crossing at the clover leaf requiring long spans at the clover leaf and at Highway 237/North Bend Road, affecting routes A, G, M, AC, and AI.

Additionally, the numerous existing buildings, transmission and distribution lines, gas mains, sewer lines, water lines, stormwater lines, and other existing infrastructure throughout the Study Area made for highly congested routes within the industrial/commercial complex and along Highway 237/North Bend Road. Upon closer inspection of the Highway 237/North Bend Road crossing, proximity to an existing gas station was identified as an additional engineering constraint. For this Project, the sharing or paralleling of existing transmission ROW was considered a benefit. This most notably benefited routes that utilized Segment 2,5, and 7 (Routes G and I-L).

3.5 ROUTE SELECTION

Route selection was conducted focusing on a qualitative analysis of the Study Area. As discussed in Section 3.4.1, based on public comment and additional coordination with St. Elizabeth, it was determined that Duke Energy would be unable to place their transmission line on St. Elizabeth's property without direct impacts to the development under construction and additional development planned for these parcels. This included Routes C-E, I-K, O-Q, T-V, AE-AG, and AK-AM which each utilized Segment 20 and/or Segment 22 (**Appendix A, Figure A-4**).

While on the site visit, the Siting Team noted that Segment 12, which spanned Highway 237/North Bend Road north of Interstate 275, was going to be heavily constrained by existing infrastructure. Upon further investigation, it was observed that the segment would connect near a Shell gas station where there is already a lattice tower nearby and many existing utilities. Additionally, it was determined that the transmission line in this area would require an engineered pole within KYTC ROW which typically are not allowed within road ROW. The Team's prior siting experience has indicated that the engineering and coordination associated with placing a structure in this

area with the constraints associated with the gas station, KYTC, and other utilities would be costly and difficult to implement without significantly impacting the gas station's operations. Additional engineering constraints occur on the west side of Highway 237/North Bend Road near the Amazon facility including extensive existing utilities, retaining walls, and parking impacts (**Appendix A, Figures A-6 and A-7**). Overall, Segment 12 would be challenging to build as there are widespread engineering constraints limiting the ability to build new infrastructure without significant impacts to existing land uses.

The sequencing of the construction for the EKPC Project and the Oakbrook to Hebron transmission line needs to be accounted for during the siting process. EKPC's Project is planned to be constructed prior to the Oakbrook to Hebron Project. This will require the EKPC Project to cross above the existing 69 kV transmission line. When Duke Energy rebuilds to 138 kV (Segments 25 and 26), they would need to construct the line above the 69 kV EKPC line. This would require Duke Energy to have structures in this area that would be close to exceeding Federal Aviation Administration clearance standards associated with the nearby Cincinnati/Northern Kentucky International Airport, which is located 2 miles to the southeast. Therefore, Segments 12, 25, and 26 would potentially require significant FAA lighting requirements and thus cause a significant expense and challenge both during the design, build, and operation and maintenance of this transmission line. This includes Routes A, G, M, AC, and AI.

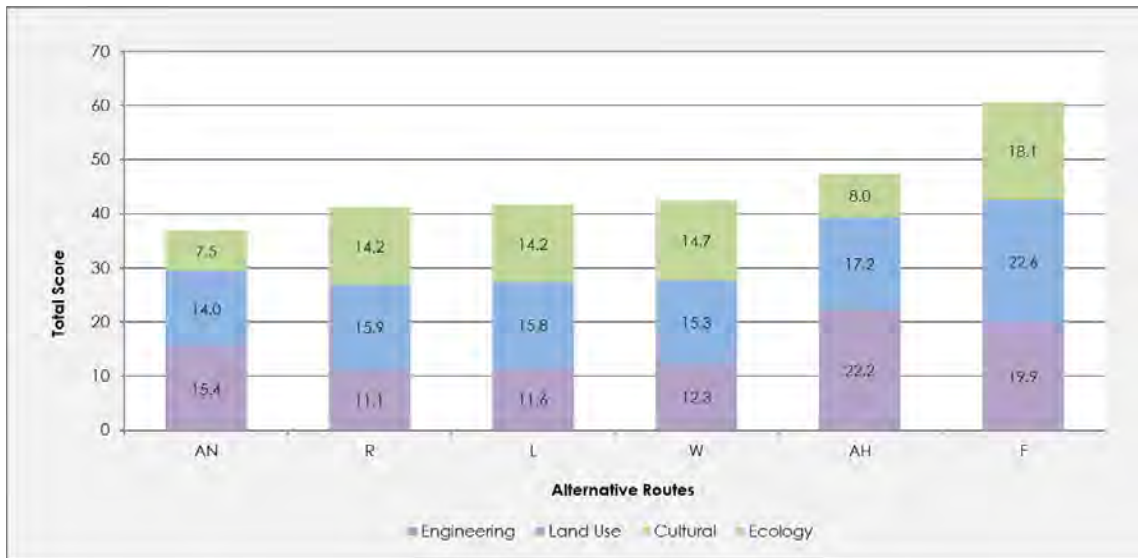
Due to the qualitative/quantitative concerns discussed above on Segments 12, 20, 22, 25, and 26 it was determined Segments 19 to 21 to 24 were the preferred last half of the route to connect to the existing transmission line.

After pairing down the segments discussed above, from highest ranked to lowest ranked, Routes AN, R, L, W, AH and F remained (Figure 2). Route F scored highest due to heavy ecological constraints associated with Sand Run and the forested parcels north of Duke Energy's existing transmission corridor, engineering constraints including route length, span length, and turn angles, and land use constraints including number of unique properties and amount of new easement required. Route AH also has extensive engineering constraints including steep slopes, existing utilities, turn angles, and route length. Routes R, L, and W all scored very similarly, with only 1.18 points separating the three routes.

Route AN scored lowest due to significantly reduced ecological impacts because the route avoids impacts to forested wetlands associated with Sand Run, crosses fewer streams, and would require less forested land clearing. However, Route AN scored higher in engineering because it did not utilize the existing transmission corridor and the existing utilities along Worldwide Boulevard. In addition to the other existing utilities along Worldwide Boulevard, engineering concerns not included in the quantitative analysis along the western stretch of Worldwide Boulevard include very tight clearances, an existing bus stop and streetlights, and impacts to traffic with trucks and employee vehicles continuously coming in and out of the business within the industrial/commercial complex.

Routes R, L, and W utilized the existing transmission corridor past Sand Run; however, Route W still utilized the constrained western stretch of Worldwide Boulevard. Route L utilized the longest stretch of the existing corridor which resulted in the fewest acres of new easement required. Additionally, the eastern portion of Worldwide Boulevard is wider and has more adjacent green space to allow for construction crew access to avoid traffic impacts and also has less existing above ground infrastructure that could conflict with the construction and operation of the transmission line. Therefore, Route L was chosen as the preferred route.

Figure 2. Distribution of Quantitative Route Analysis Scores



3.5.1 Description of Preferred Route

Route L was selected as the Preferred Route for the Project and is depicted in **Appendix A, Figure A-8**. Route L extends east out of the Hebron Substation, following Duke Energy’s existing transmission line corridor for approximately 0.77 mile until it reaches Worldwide Boulevard. The route then turns south and parallels Worldwide Boulevard to the west for approximately 0.28 mile before it crosses Worldwide Boulevard in between the Wayfair warehouse and Amazon Fulfillment Center. The route then continues south for approximately 0.25 mile, crossing Interstate 275, before it turns southeast towards Litton Lane, which it crosses after an additional 0.38 mile. The Route then follows Litton Lane northeast until it reaches the businesses on the south side of Litton Lane. The Route goes around these businesses to the south, cutting between the Burger King and Domino’s Pizza where it connects to the Tap to Limaburg 69 kV line along Highway 237/North Bend Road. In total, Route L is 2.05 miles long.

Route L utilized a longer portion of the existing Duke Energy transmission line corridor, minimizing the need for new ROW and minimizing impacts to new landowners. It avoids the highly congested western portion of Worldwide Boulevard where light posts, a bus stop, signs, consistent traffic, and engineering challenges associated with steep slopes are present. Route L also avoids crossing Interstate 275 within the clover leaf and would result in having no transmission structures

within KYTC ROW. Route L met the purpose and need for the Project while minimizing impacts to the community.

4.0 CONCLUSION

The Route Selection Study included the delineation of an approximately 1.6-square mile Study Area, data collection, identification of potential Route Segments and Route Alternatives, a quantitative and qualitative comparative evaluation of the Route Alternatives, and the selection of a Preferred Route. The Study Area is predominantly industrial and commercial. A total of 27 Route Segments were identified and combined into 29 Route Alternatives. All Route Alternatives were in Boone County, Kentucky.

Route Alternatives were pared down based on the challenge to construct Segment 12 due to extensive engineering constraints and planned construction on parcels owned by St. Elizabeth affecting Segments 20 and 22. This resulted in Route Segments 19 to 21 to 24 being chosen as the preferred last half of the route to connect to the existing Tap to Limaburg 69 kV line.

After pairing down the segments discussed above there were four routes with comparative scores, Route AN, L, R and W. The highest ranked route (Route AN) did not follow the existing transmission corridor and scored lower due to the avoidance of ecological impacts to forested wetlands associated with Sand Run. Qualitative concerns with Route AN include very tight clearances along Worldwide Boulevard, an existing bus stop and streetlights, and impacts to traffic with trucks and employee vehicles continuously coming in and out.

Routes R, L, and W utilized the existing transmission corridor past Sand Run; however, Route W still utilized the constrained western stretch of Worldwide Boulevard. Route L utilized the longest stretch of the existing corridor which results in the fewest acres of new easement required. Additionally, the eastern portion of Worldwide Boulevard is wider and has more adjacent green space to allow for construction crew access to avoid traffic impacts and also has less existing above ground infrastructure that would need to be moved. Therefore, Route L was chosen as the preferred route.

After the completion of the Route Selection Study, a public announcement of the Preferred Route will be provided to the property owners and key external stakeholders that were communicated with during the route evaluation step of the Route Selection Study. Then, the project team will begin preparing for transmission line engineering and easement negotiations with the affected property owners.

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APPENDIX A

Constraints Mapping

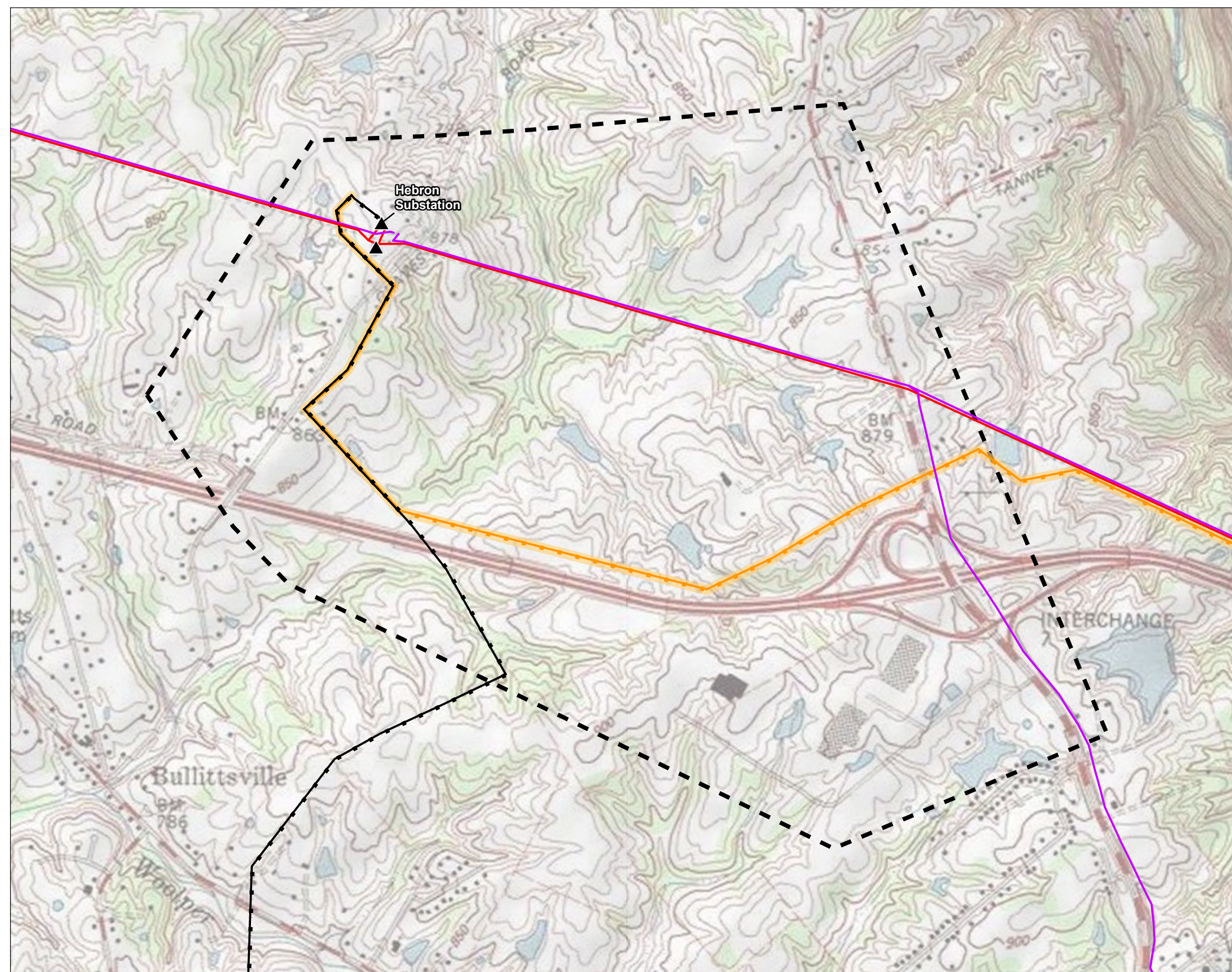


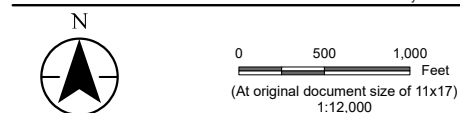
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A-1

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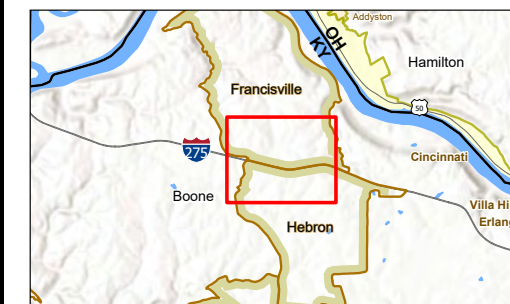
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Duke Midwest Hebron to Oakbrook 138 kV Transmission Line Siting Project	
Project Location	Boone Co., Kentucky
Prepared by PM on 2021-11-09	TR by BT on 2021-11-09
	IR by DB on 2021-11-11



Legend

- Study Area
- Existing Substation
- Duke-owned Existing 69 kV Transmission Line
- Duke-owned Existing 138 kV Transmission Line
- Foreign Owned Existing Transmission Line
- Proposed EKPC Transmission Line
- Proposed EKPC Transmission Line 100ft ROW



- Notes
1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
 2. Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, EKCP
 3. Background: USGS 7.5' Topographic Quadrangles



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 Revised: 2022-07-14 By: jml/eh
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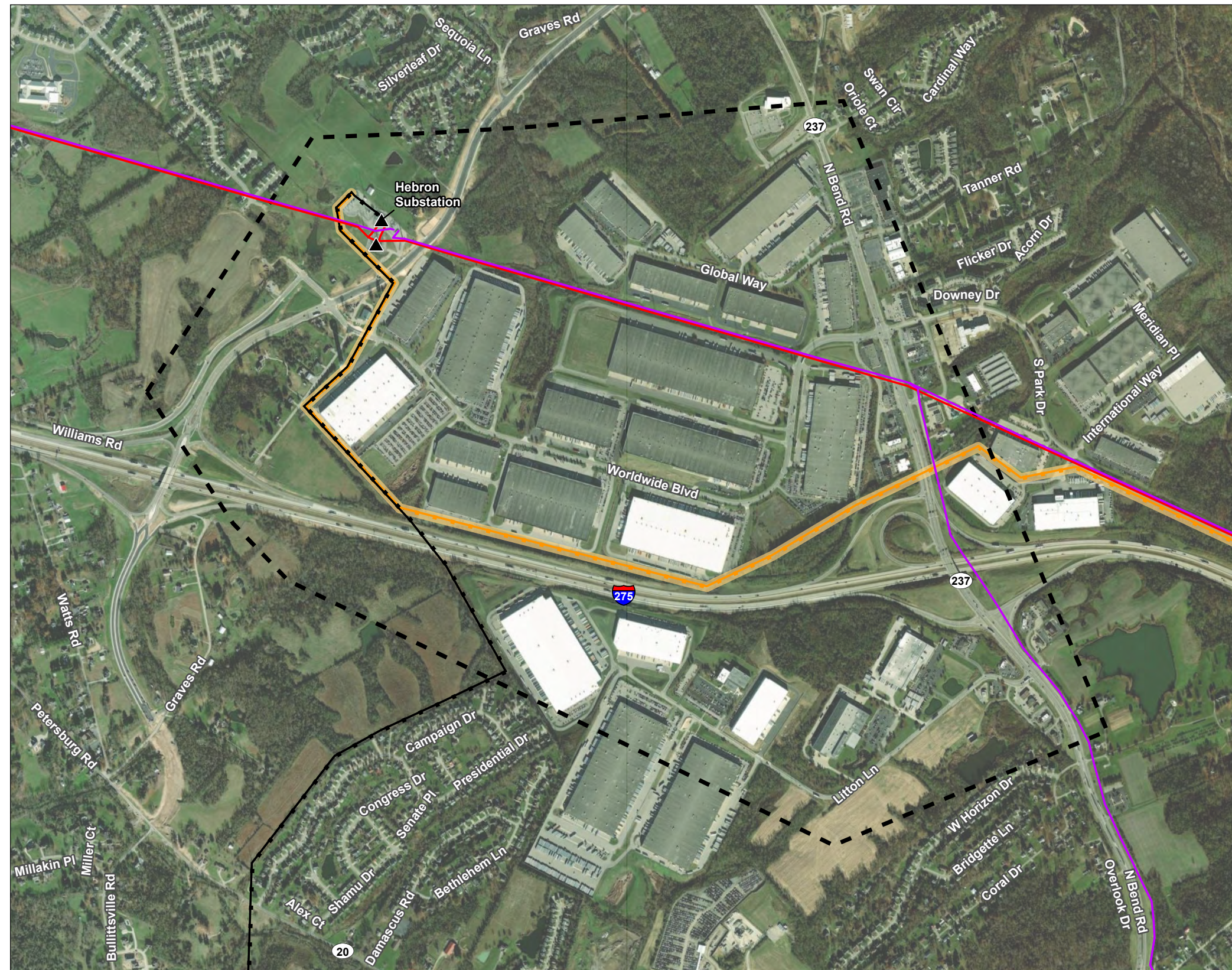


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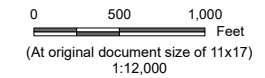
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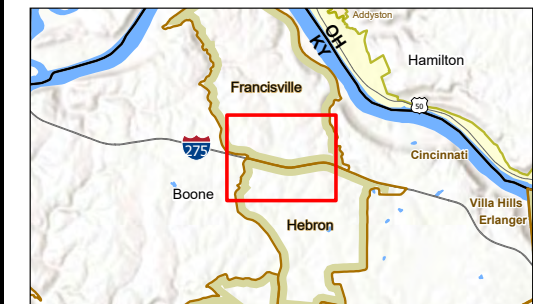
Client/Project 193708666
 Duke Midwest
 Hebron to Oakbrook 138 kV Transmission Line
 Siting Project

Project Location Prepared by PM on 2021-11-09
 Boone Co., Kentucky TR by BT on 2021-11-09
IR by DB on 2021-11-11



Legend

- Study Area
- Existing Substation
- Duke-owned Existing 69 kV Transmission Line
- Duke-owned Existing 138 kV Transmission Line
- Foreign Owned Existing Transmission Line
- Proposed EKPC Transmission Line
- Proposed EKPC Transmission Line 100ft ROW



Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
2. Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, EKPC
3. Background: Esri World Imagery



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 Revised: 2022-07-14 By: jml/ehh
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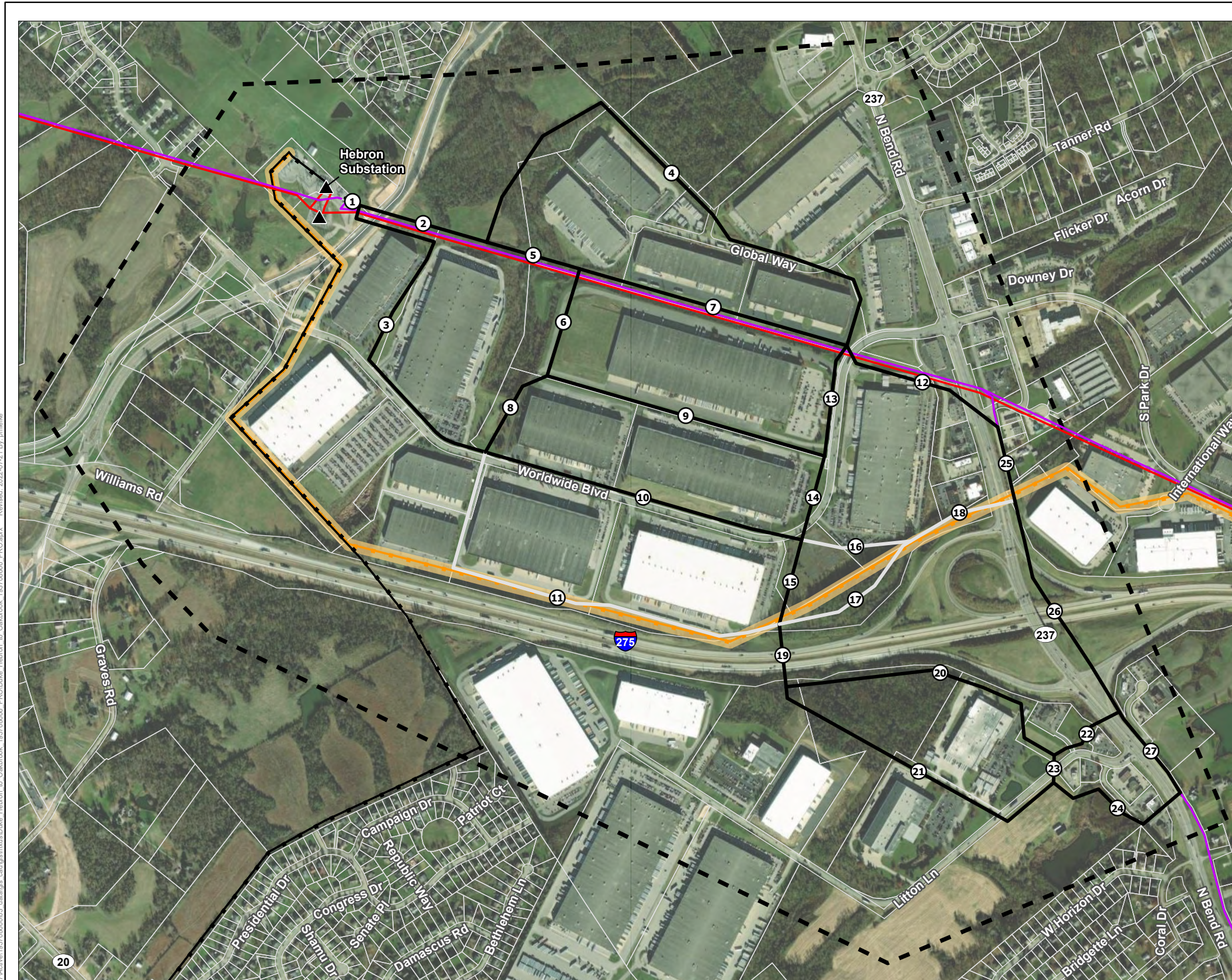


Figure No.

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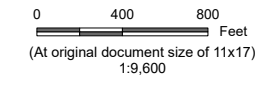
Segment Network

Client/Project 193708666
Duke Midwest

Hebron to Oakbrook 138 kV Transmission Line

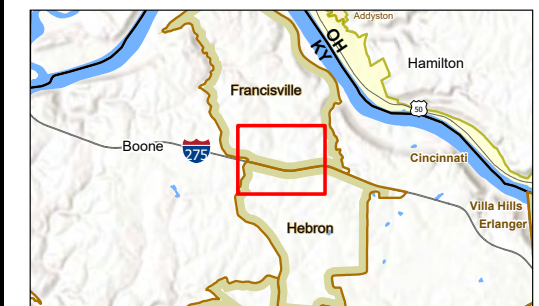
Siting Project

Project Location Boone Co., Kentucky Prepared by PM on 2022-07-14
TR by BT on 2021-11-09
IR by TR on 2021-07-21



Legend

- Study Area
- Existing Substation
- Segment Network
- Segments Removed From Study (EKPC Conflict)
- Duke-owned Existing 69 kV Transmission Line
- Duke-owned Existing 138 kV Transmission Line
- Foreign Owned Existing Transmission Line
- Proposed EKPC Transmission Line
- Proposed EKPC Transmission Line 100ft ROW
- Parcel Boundary



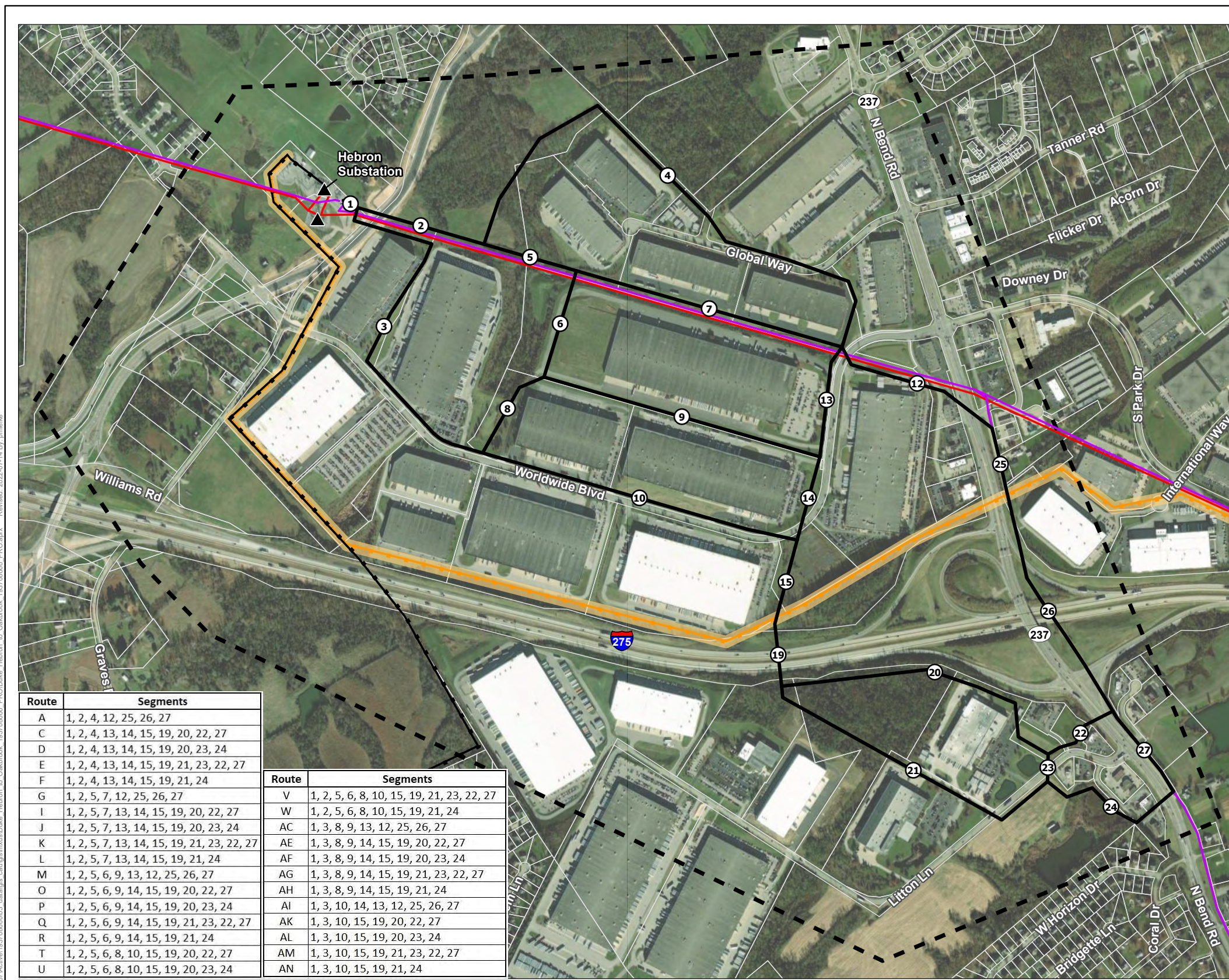
Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
2. Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, EKPC
3. Background: Esri World Imagery



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Route	Segments
A	1, 2, 4, 12, 25, 26, 27
C	1, 2, 4, 13, 14, 15, 19, 20, 22, 27
D	1, 2, 4, 13, 14, 15, 19, 20, 23, 24
E	1, 2, 4, 13, 14, 15, 19, 21, 23, 22, 27
F	1, 2, 4, 13, 14, 15, 19, 21, 24
G	1, 2, 5, 7, 12, 25, 26, 27
I	1, 2, 5, 7, 13, 14, 15, 19, 20, 22, 27
J	1, 2, 5, 7, 13, 14, 15, 19, 20, 23, 24
K	1, 2, 5, 7, 13, 14, 15, 19, 21, 23, 22, 27
L	1, 2, 5, 7, 13, 14, 15, 19, 21, 24
M	1, 2, 5, 6, 9, 13, 12, 25, 26, 27
O	1, 2, 5, 6, 9, 14, 15, 19, 20, 22, 27
P	1, 2, 5, 6, 9, 14, 15, 19, 20, 23, 24
Q	1, 2, 5, 6, 9, 14, 15, 19, 21, 23, 22, 27
R	1, 2, 5, 6, 9, 14, 15, 19, 21, 24
T	1, 2, 5, 6, 8, 10, 15, 19, 20, 22, 27
U	1, 2, 5, 6, 8, 10, 15, 19, 20, 23, 24

Route	Segments
V	1, 2, 5, 6, 8, 10, 15, 19, 21, 23, 22, 27
W	1, 2, 5, 6, 8, 10, 15, 19, 21, 24
AC	1, 3, 8, 9, 13, 12, 25, 26, 27
AE	1, 3, 8, 9, 14, 15, 19, 20, 22, 27
AF	1, 3, 8, 9, 14, 15, 19, 20, 23, 24
AG	1, 3, 8, 9, 14, 15, 19, 21, 23, 22, 27
AH	1, 3, 8, 9, 14, 15, 19, 21, 24
AI	1, 3, 10, 14, 13, 12, 25, 26, 27
AK	1, 3, 10, 15, 19, 20, 22, 27
AL	1, 3, 10, 15, 19, 20, 23, 24
AM	1, 3, 10, 15, 19, 21, 23, 22, 27
AN	1, 3, 10, 15, 19, 21, 24

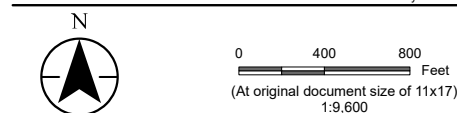
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A-4

Title

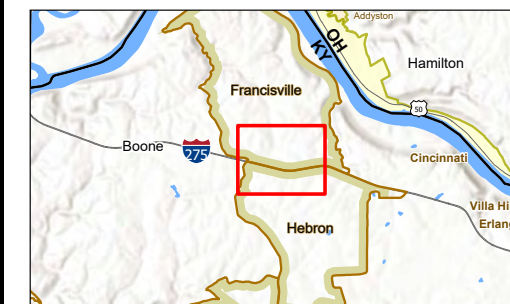
Route Alternatives

Client/Project: Duke Midwest Hebron to Oakbrook 138 kV Transmission Line Siting Project 193708666
 Project Location: Boone Co., Kentucky Prepared by PM on 2021-11-09 TR by BT on 2021-11-09 IR by DB on 2021-11-11



Legend

- Study Area
- Existing Substation
- Segment Network
- Duke-owned Existing 69 kV Transmission Line
- Duke-owned Existing 138 kV Transmission Line
- Foreign Owned Existing Transmission Line
- Proposed EKPC Transmission Line
- Proposed EKPC Transmission Line 100ft ROW
- Parcel Boundary



- Notes
1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
 2. Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, EKPC
 3. Background: Esri World Imagery



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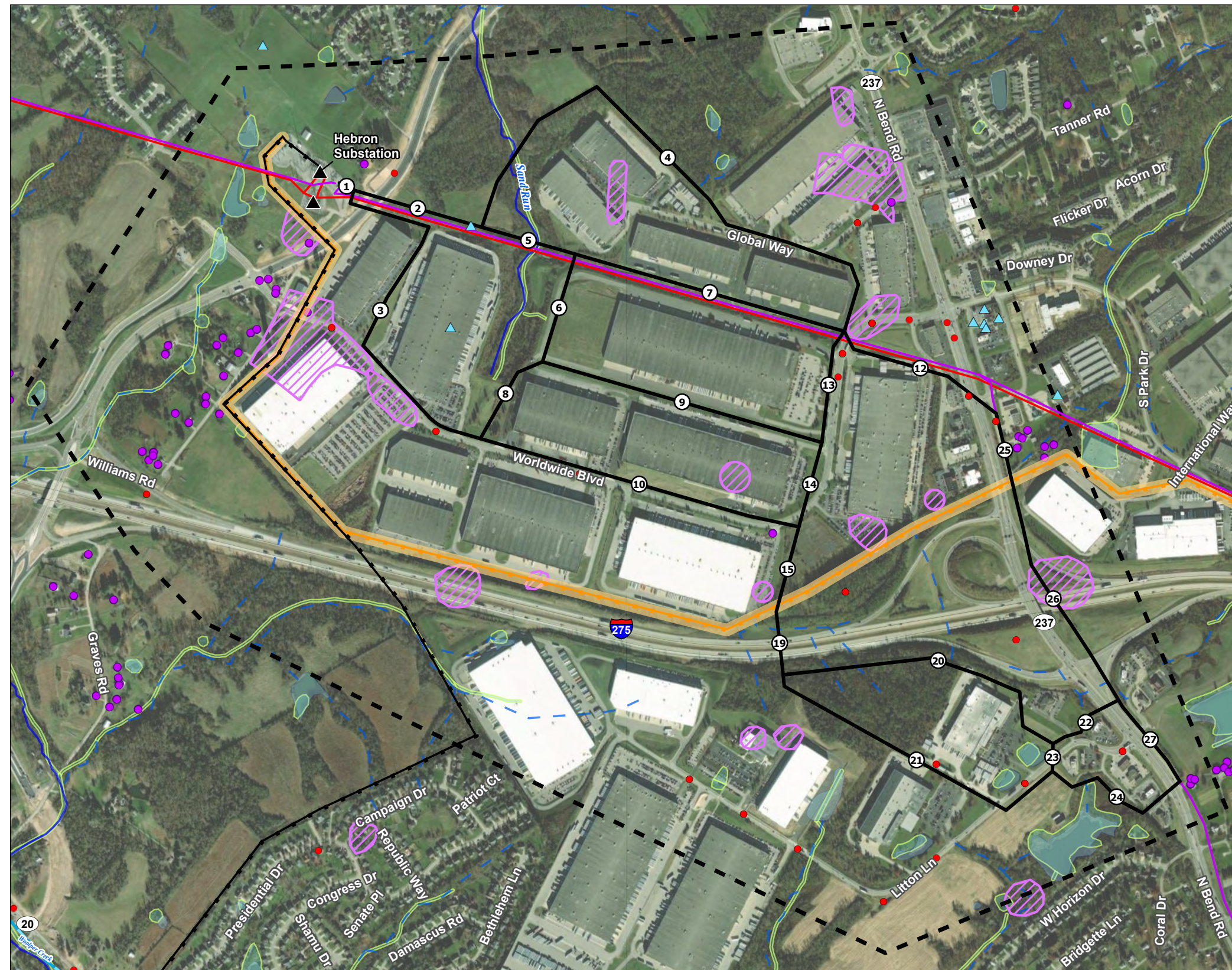


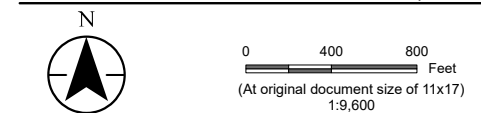
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A-5

Title

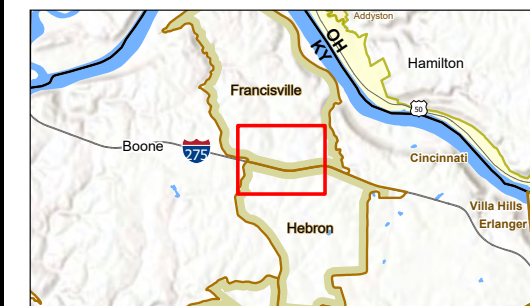
Environmental and Cultural Resources

Client/Project	193708666
Duke Midwest	
Hebron to Oakbrook 138 kV Transmission Line	
Siting Project	
Project Location	Prepared by PM on 2021-11-04
Boone Co., Kentucky	TR by BT on 2021-11-09
	IR by DB on 2021-11-11



Legend

- Study Area
- Existing Substation
- Segment Network
- Duke-owned Existing 69 kV Transmission Line
- Duke-owned Existing 138 kV Transmission Line
- Foreign Owned Existing Transmission Line
- Proposed EKPC Transmission Line
- Proposed EKPC Transmission Line 100ft ROW
- Historic Structure - Eligibility Undetermined
- Archaeological Inventory Site - Eligibility Undetermined
- Potential Contamination Site
- Water Well
- 303d Impaired Stream
- National Wetlands Inventory Feature
- National Hydrography Dataset
- Perennial Stream
- Intermittent Stream
- Waterbody



Notes
 1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
 2. Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, EPA, USFWS, Weller, EKPC
 3. Background: Esri World Imagery



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Figure No.

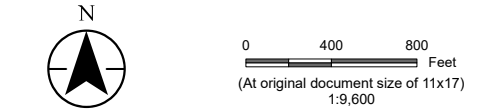
A-6

Title

Land Use and Social Constraints

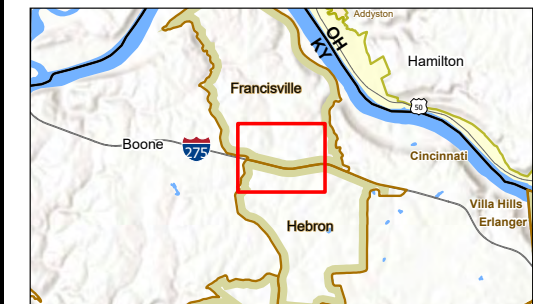
Client/Project: Duke Midwest Hebron to Oakbrook 138 kV Transmission Line Siting Project 193708666

Project Location: Boone Co., Kentucky Prepared by PM on 2021-11-04 TR by BT on 2021-11-09 IR by DB on 2021-11-11



Legend

- Study Area
- Existing Substation
- Segment Network
- Duke-owned Existing 69 kV Transmission Line
- Duke-owned Existing 138 kV Transmission Line
- Foreign Owned Existing Transmission Line
- Proposed EKPC Transmission Line
- Proposed EKPC Transmission Line 100ft ROW
- School
- Place of Worship
- Child Care Facility
- Fire Station
- Parcel Boundary
- Structure Use**
- Commercial & Industrial
- Community Facility
- Residential
- Outbuilding



Notes
 1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
 2. Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, Esri, HIFLD, Microsoft, EKPC
 3. Background: Esri World Imagery



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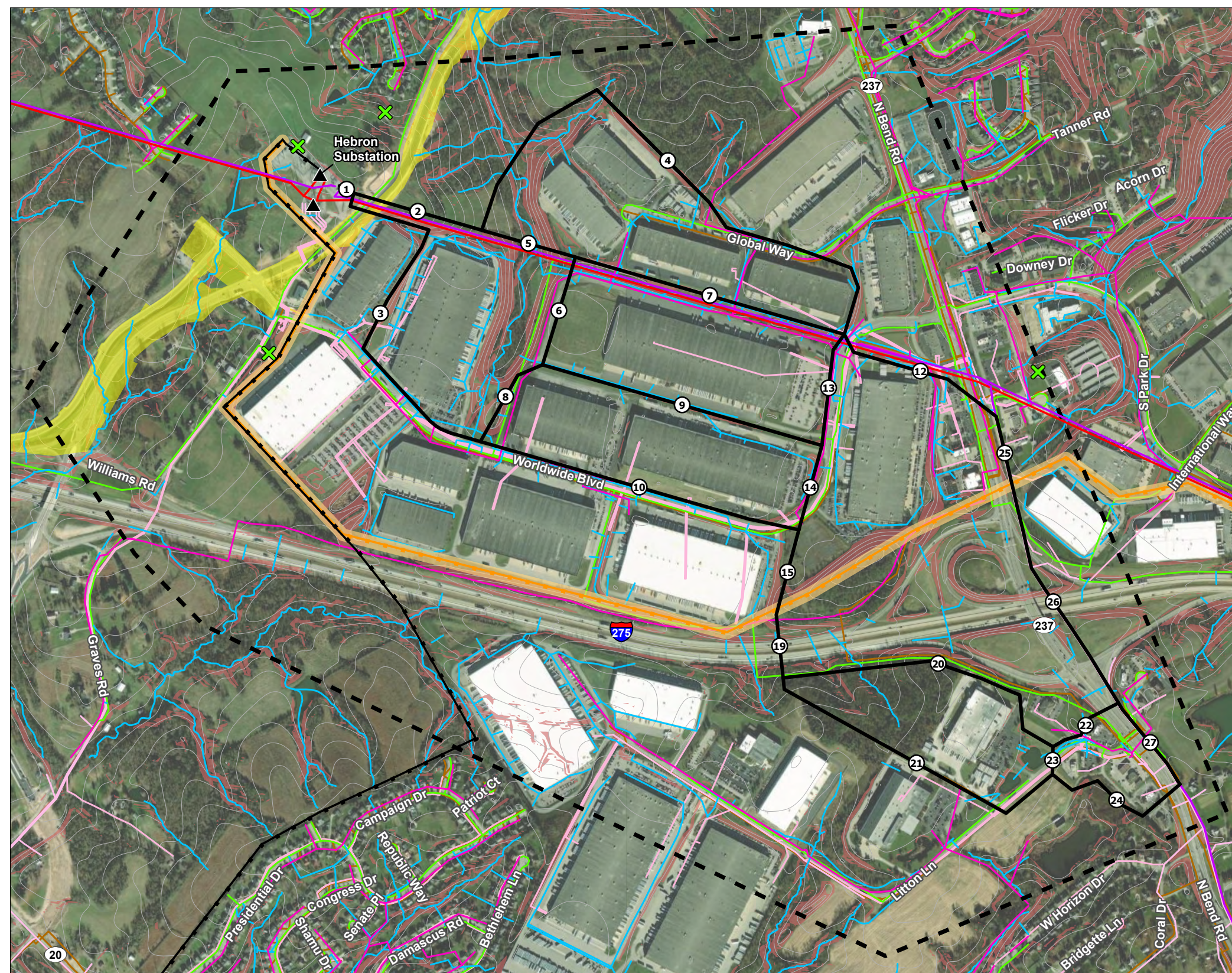


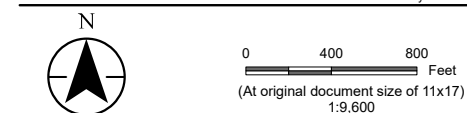
Figure No.

A-7

Title

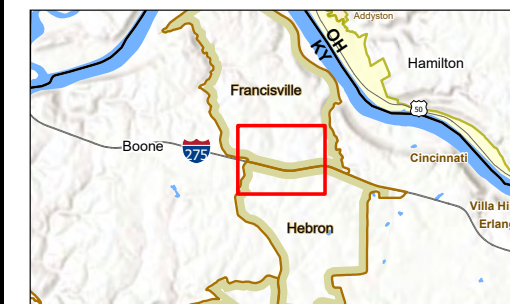
Engineering Constraints

Client/Project	193708666
Duke Midwest Hebron to Oakbrook 138 kV Transmission Line Siting Project	
Project Location	Boone Co., Kentucky
	Prepared by PM on 2021-11-04 TR by BT on 2021-11-09 IR by DB on 2021-11-11



Legend

- Study Area
- Existing Substation
- Segment Network
- Duke-owned Existing 69 kV Transmission Line
- Duke-owned Existing 138 kV Transmission Line
- Foreign Owned Existing Transmission Line
- Proposed EKPC Transmission Line
- Proposed EKPC Transmission Line 100ft ROW
- Duke Existing Distribution Line
- Duke Existing Gas Main
- Tall Structure
- Sewer Line
- Stormwater Line
- Water Line
- KYDOT Graves Rd Widening Project
- 10ft Elevation Contour
- Slope Greater Than 20%



Notes

- Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
- Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, FAA, USDA, FEMA, EKPC
- Background: Esri World Imagery



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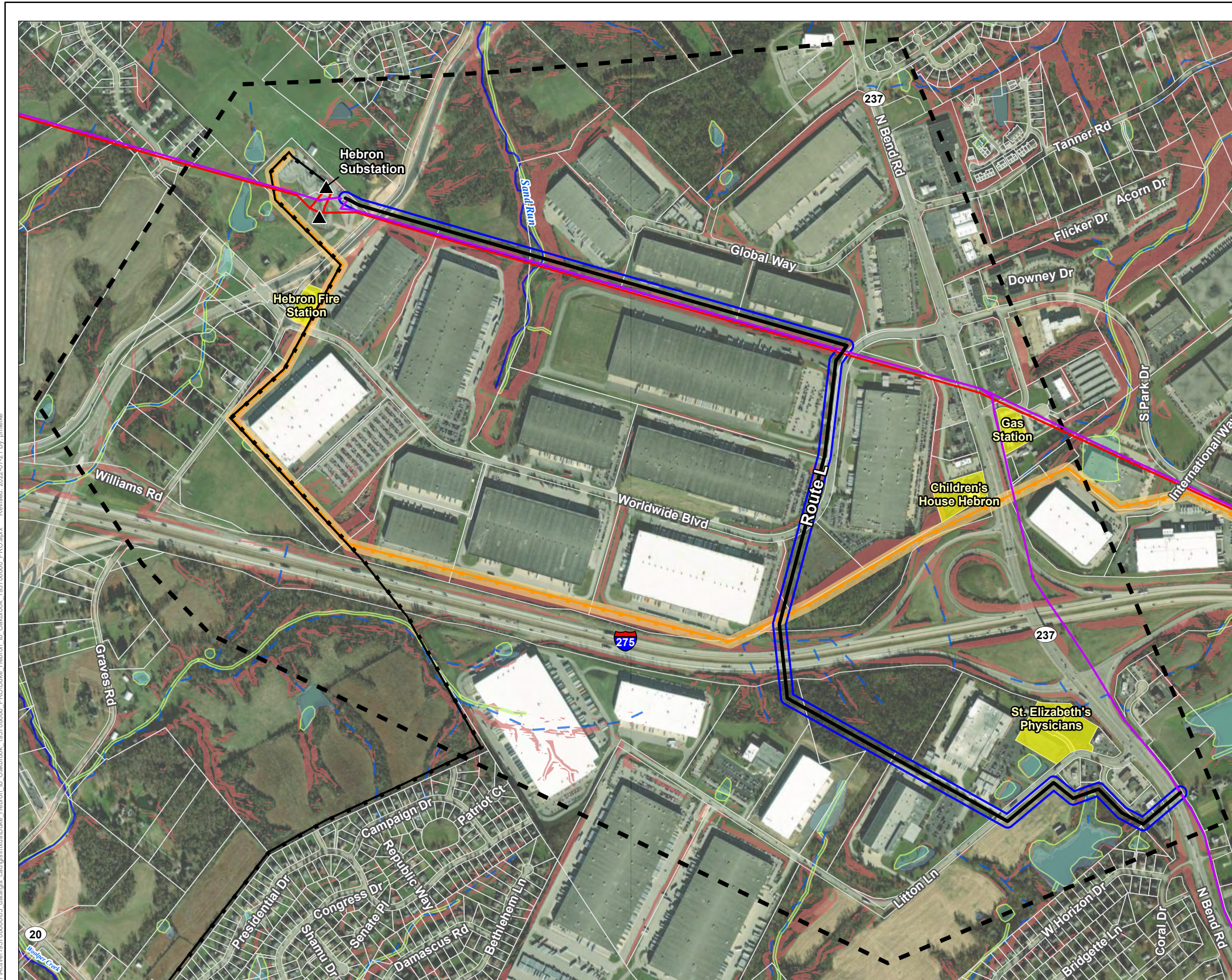


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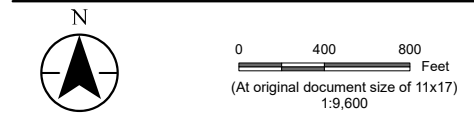
A-8

Title

Preferred Route

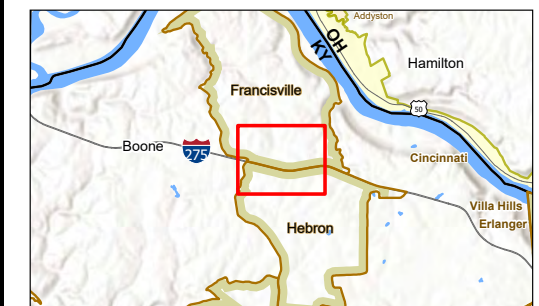
Client/Project: Duke Midwest Hebron to Oakbrook 138 kV Transmission Line Siting Project 193708666

Project Location: Boone Co., Kentucky Prepared by PM on 2022-07-11 TR by BT on 2021-11-09 IR by TR on 2022-07-11



Legend

- Study Area
- Existing Substation
- Route L
- Preferred Route ROW
- Duke-owned Existing 69 kV Transmission Line
- Duke-owned Existing 138 kV Transmission Line
- Foreign Owned Existing Transmission Line
- Proposed EKPC Transmission Line
- Proposed EKPC Transmission Line 100ft ROW
- Parcel Boundary
- Routing Land Use Constraints
- Slope Greater Than 20%
- National Wetlands Inventory Feature
- National Hydrography Dataset
- Perennial Stream
- Intermittent Stream
- Waterbody



Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
2. Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, USFWS
3. Background: Esri World Imagery



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APPENDIX B

Tables

Table 1. Data Sources

Category	Sub-Category	Source	Published Date of Data*
Ecological Resources	Potential Environmental Contamination	United States Environmental Protection Agency	11/5/2020
	Critical Habitat	USFWS	2/17/2021
	Wetlands	USFWS National Wetlands Inventory (NWI)	2/25/2021
	Streams & Waterbodies	United States Geological Survey (USGS) National Hydrography Dataset (NHD)	2/25/2021
	Impaired Waters	United States Environmental Protection Agency	5/1/2015
	Protected Species	USFWS	11/17/2021
Land Use	Existing infrastructure	Duke Energy	11/23/2021
		PennWell Map Search	9/28/2020
	Roads	ArcGIS North America Detailed Streets	11/19/2020
	Pipelines	National Pipeline Mapping System	11/2/2021
		US Energy Information Administration (USEIA) Homeland Infrastructure Foundation-Level Data (HIFLD)	2/1/2018
	Railroads	Homeland Infrastructure Foundation-Level Data (HIFLD)	4/9/2019
	Building Footprints	Microsoft	4/29/2020
	Institutions (hospitals, places of worship, schools, daycares)	ESRI	11/1/2021
	Land Use	National Land Cover Dataset (NLCD)	2019
		U.S. Department of Agriculture (USDA) National Agriculture Imagery Program	2019
	Soils	Natural Resources Conservation Services	12/11/2018
	Protected Lands	USGS Protected Areas Database – US	2/19/2021
		National Conservation Easement Database (NCED)	8/28/2020
	Cell Towers and Antennas	Homeland Infrastructure Foundation-Level Data	4/7/2021
	Planned Projects	Boone County	11/11/2021

Category	Sub-Category	Source	Published Date of Data*
	Municipal Utilities (Sewer, Stormwater, Fiber Lines)	Boone County	11/16/2021
Cultural	Archaeological and Cultural Resources	State Historic Preservation Office (SPHO) (Weller & Associates, Inc. Report)	12/3/2021
	Cultural Resources	National Park Service (NPS) National Register of Historic Places (NRHP)	9/17/2020
	Historic or Scenic Byways	Federal Highway Administration	5/26/2017
	Cemeteries	Environmental Systems Research Institute (ESRI)	2/11/2020
		SHPO (Weller & Associates, Inc. Report)	12/3/2021
	Historic Structures	SHPO (Weller & Associates, Inc. Report)	12/3/2021
	Parcel Data	Duke Energy	11/9/2021
	Elevation and Slope	USDA	2002-2017
	Flood Areas	FEMA Flood Hazard Map	11/1/2021
	Airports and Airport Equipment	Federal Aviation Administration (FAA)	5/24/2021
	Karst Geology	USFWS	2014
	Geological Areas	USGS	6/18/2018
	Aerial imagery	U.S. Department of Agriculture (USDA) National Agriculture Imagery Program	2019

*Data acquisition date used when vintage date unavailable.

Table 2. Criteria Group, Criteria, and Sub-Criteria Weights

Criteria Group & Weight		Criteria & Weight		Sub-Criteria & Weight		
Ecology	30%	Wetlands	20%	Acres of PFO/PSS wetlands in ROW	70%	
				Acres of PEM, PAB, PUB wetlands and riverine in ROW	30%	
		Streams	20%	Number of streams crossed by centerline		100%
		Forest	35%	Acres of forested land within ROW		100%
		Protected Species	5%	Count of Federal & state T&E occurrences within 1,000 feet of centerline		100%
		Floodplain	20%	Linear feet of floodway crossed by centerline		85%
Linear feet of 100-year floodplain crossed by centerline				15%		
Land Use	35%	Residences	25%	Number of residences within the ROW		0%
				Number of residences within 200 feet of ROW		60%
				Number of residences between 200-500 feet of ROW		40%
		Business/Commercial/Industrial	15%	Number of businesses, commercial, and industrial buildings within 250 feet of centerline		100%
		Properties Crossed	10%	Number of properties crossed by ROW		100%
		Institutional Land Use	15%	Number of institutional uses crossed by ROW		70%
				Number of institutional uses within 1,000 feet of centerline		30%
		Sensitive Lands	20%	Acres of sensitive lands within ROW		70%
Acres of sensitive lands within 1,000 feet of centerline				30%		
Agricultural & Industrial Uses	5%	Acres of agricultural and other industrial uses in ROW		100%		
New easement required	10%	Acres of new easement required		100%		
Cultural	0%	NRHP Listed Resources	40%	Number of NRHP listed resources within 1,000 feet of centerline		100%
		State Architectural Resources	30%	Number of state historic resources within 1,000 feet of centerline		100%
		Archaeological Sites	15%	Number of known archaeological resources in ROW		100%
		Cemeteries	15%	Number of cemeteries in ROW		100%

Criteria Group & Weight		Criteria & Weight		Sub-Criteria & Weight	
Engineering	35%	Route Length	20%	Length of route in linear feet	100%
		Highway & Rail Crossings	10%	Number of highway, road, or railroad crossings	100%
		Slope	15%	Linear feet of centerline within slope >20%	100%
		Angles	20%	Number of turn angles >20 degrees	100%
		Span	5%	Linear feet of longest span (if a span greater than 400 feet is required)	100%
		Other Linear Utilities	20%	Length or Route with underground utilities in ROW	100%
		Paralleling Linear Infrastructure	10%	Percent of centerline not paralleling existing transmission ROW	100%

PAB- Palustrine Aquatic Bed, PEM- Palustrine Emergent Wetland, PFO- Palustrine Forested Wetland, PSS- Palustrine Scrub/Shrub Wetland, T&E- Threatened and Endangered Species. Wetland types based on Cowardin classification (Cowardin et al. 1979). Sub-criteria with gray shading indicate there were no data recorded for any of the routes.

Table 3. Weighted Results Table

Route	Segments	Route Length (mi)	ECOLOGY CRITERIA GROUP																				
			Streams			Wetlands			Forest			Floodplain			Protected Species								
			Stream crossings by centerline (count)			PFO & PSS wetlands in ROW (acres)			PEM, PAB, PUB and riverine in ROW (acres)			Forested land in ROW (acres)			Floodway crossed by centerline (feet)			100-Year floodplain crossed by centerline (feet)			Federal and state threatened and endangered species occurrences within 1,000 feet of centerline (count)		
Criteria Group Weight:			30%			30%			30%			30%			30%			30%					
Criteria Weight:			20%			20%			20%			35%			20%			5%					
Sub-Criteria Weight:			100%			70%			30%			100%			85%			15%					
Weighted Multiplier:			0.0600			0.0420			0.0180			0.1050			0.0510			0.0090			0.0150		
			Value	Normalized	Weighted Value	Value	Normalized	Weighted Value	Value	Normalized	Weighted Value	Value	Normalized	Weighted Value	Value	Normalized	Weighted Value	Value	Normalized	Weighted Value	Value	Normalized	Weighted Value
ROUIES																							
A	1, 2, 4, 12, 25, 26, 27	1.99	2	25	1.50	0.06	100	4.20	0.00	0	0.00	5.08	46	4.85	0.00	0	0.00	0.00	0	0.00	0	0	0.00
C	1, 2, 4, 13, 14, 15, 19, 20, 22, 27	2.37	4	75	4.50	0.06	100	4.20	0.00	0	0.00	9.35	97	10.16	0.00	0	0.00	0.00	0	0.00	0	0	0.00
D	1, 2, 4, 13, 14, 15, 19, 20, 23, 24	2.37	5	100	6.00	0.06	100	4.20	0.05	100	1.80	9.62	100	10.50	0.00	0	0.00	0.00	0	0.00	0	0	0.00
E	1, 2, 4, 13, 14, 15, 19, 21, 23, 22, 27	2.43	2	25	1.50	0.06	100	4.20	0.00	0	0.00	8.21	83	8.75	0.00	0	0.00	0.00	0	0.00	0	0	0.00
F	1, 2, 4, 13, 14, 15, 19, 21, 24	2.35	3	50	3.00	0.06	100	4.20	0.05	100	1.80	8.48	87	9.08	0.00	0	0.00	0.00	0	0.00	0	0	0.00
G	1, 2, 5, 7, 12, 25, 26, 27	1.69	2	25	1.50	0.05	84	3.55	0.00	0	0.00	2.53	16	1.67	0.00	0	0.00	0.00	0	0.00	0	0	0.00
I	1, 2, 5, 7, 13, 14, 15, 19, 20, 22, 27	2.07	4	75	4.50	0.05	84	3.55	0.00	0	0.00	6.80	66	6.98	0.00	0	0.00	0.00	0	0.00	0	0	0.00
J	1, 2, 5, 7, 13, 14, 15, 19, 20, 23, 24	2.07	5	100	6.00	0.05	84	3.55	0.05	100	1.80	7.06	70	7.32	0.00	0	0.00	0.00	0	0.00	0	0	0.00
K	1, 2, 5, 7, 13, 14, 15, 19, 21, 23, 22, 27	2.13	2	25	1.50	0.05	84	3.55	0.00	0	0.00	5.66	53	5.56	0.00	0	0.00	0.00	0	0.00	0	0	0.00
L	1, 2, 5, 7, 13, 14, 15, 19, 21, 24	2.05	3	50	3.00	0.05	84	3.55	0.05	100	1.80	5.93	56	5.90	0.00	0	0.00	0.00	0	0.00	0	0	0.00
M	1, 2, 5, 6, 9, 13, 12, 25, 26, 27	2.02	2	25	1.50	0.05	84	3.55	0.00	0	0.00	2.53	16	1.67	0.00	0	0.00	0.00	0	0.00	0	0	0.00
O	1, 2, 5, 6, 9, 14, 15, 19, 20, 22, 27	2.08	4	75	4.50	0.05	84	3.55	0.00	0	0.00	6.80	66	6.98	0.00	0	0.00	0.00	0	0.00	0	0	0.00
P	1, 2, 5, 6, 9, 14, 15, 19, 20, 23, 24	2.08	5	100	6.00	0.05	84	3.55	0.05	100	1.80	7.06	70	7.32	0.00	0	0.00	0.00	0	0.00	0	0	0.00
Q	1, 2, 5, 6, 9, 14, 15, 19, 21, 23, 22, 27	2.14	2	25	1.50	0.05	84	3.55	0.00	0	0.00	5.66	53	5.56	0.00	0	0.00	0.00	0	0.00	0	0	0.00
R	1, 2, 5, 6, 9, 14, 15, 19, 21, 24	2.06	3	50	3.00	0.05	84	3.55	0.05	100	1.80	5.93	56	5.90	0.00	0	0.00	0.00	0	0.00	0	0	0.00
T	1, 2, 5, 6, 8, 10, 15, 19, 20, 22, 27	2.16	4	75	4.50	0.05	84	3.55	0.00	0	0.00	7.19	71	7.47	0.00	0	0.00	0.00	0	0.00	0	0	0.00
U	1, 2, 5, 6, 8, 10, 15, 19, 20, 23, 24	2.17	5	100	6.00	0.05	84	3.55	0.05	100	1.80	7.46	74	7.81	0.00	0	0.00	0.00	0	0.00	0	0	0.00
V	1, 2, 5, 6, 8, 10, 15, 19, 21, 23, 22, 27	2.22	2	25	1.50	0.05	84	3.55	0.00	0	0.00	6.05	58	6.05	0.00	0	0.00	0.00	0	0.00	0	0	0.00
W	1, 2, 5, 6, 8, 10, 15, 19, 21, 24	2.14	3	50	3.00	0.05	84	3.55	0.05	100	1.80	6.32	61	6.39	0.00	0	0.00	0.00	0	0.00	0	0	0.00
AC	1, 3, 8, 9, 13, 12, 25, 26, 27	2.23	1	0	0.00	0.00	0	0.00	0.00	0	0.00	1.55	4	0.45	0.00	0	0.00	0.00	0	0.00	0	0	0.00
AE	1, 3, 8, 9, 14, 15, 19, 20, 22, 27	2.30	3	50	3.00	0.00	0	0.00	0.00	0	0.00	5.82	55	5.77	0.00	0	0.00	0.00	0	0.00	0	0	0.00
AF	1, 3, 8, 9, 14, 15, 19, 20, 23, 24	2.30	4	75	4.50	0.00	0	0.00	0.05	100	1.80	6.09	58	6.10	0.00	0	0.00	0.00	0	0.00	0	0	0.00
AG	1, 3, 8, 9, 14, 15, 19, 21, 23, 22, 27	2.36	1	0	0.00	0.00	0	0.00	0.00	0	0.00	4.68	41	4.35	0.00	0	0.00	0.00	0	0.00	0	0	0.00
AH	1, 3, 8, 9, 14, 15, 19, 21, 24	2.28	2	25	1.50	0.00	0	0.00	0.05	100	1.80	4.95	45	4.68	0.00	0	0.00	0.00	0	0.00	0	0	0.00
AI	1, 3, 10, 14, 13, 12, 25, 26, 27	2.27	1	0	0.00	0.00	0	0.00	0.00	0	0.00	1.19	0	0.00	0.00	0	0.00	0.00	0	0.00	0	0	0.00
AK	1, 3, 10, 15, 19, 20, 22, 27	2.07	3	50	3.00	0.00	0	0.00	0.00	0	0.00	5.46	51	5.32	0.00	0	0.00	0.00	0	0.00	0	0	0.00
AL	1, 3, 10, 15, 19, 20, 23, 24	2.08	4	75	4.50	0.00	0	0.00	0.05	100	1.80	5.73	54	5.66	0.00	0	0.00	0.00	0	0.00	0	0	0.00
AM	1, 3, 10, 15, 19, 21, 23, 22, 27	2.13	1	0	0.00	0.00	0	0.00	0.00	0	0.00	4.32	37	3.90	0.00	0	0.00	0.00	0	0.00	0	0	0.00
AN	1, 3, 10, 15, 19, 21, 24	2.05	2	25	1.50	0.00	0	0.00	0.05	100	1.80	4.59	40	4.23	0.00	0	0.00	0.00	0	0.00	0	0	0.00
Min			1	--	--	0.00	--	--	0.00	--	--	1.19	--	--	0.00	--	--	0.00	--	--	0	--	--
Max			5	--	--	0.06	--	--	0.05	--	--	9.62	--	--	0.0	--	--	0.00	--	--	0	--	--
Range			4	--	--	0.06	--	--	0.05	--	--	8.43	--	--	0.0	--	--	0.00	--	--	0	--	--
Criteria Description:			National Hydrography Dataset perennial (46006) and intermittent (46003) streams. Visually inspected other stream categories for evidence of stream channel on aerial. Stream feature presence verified during field reconnaissance where possible.			National Wetland Inventory Data PFO and PSS wetlands. Wetland feature presence not verified during field reconnaissance.			National Wetland Inventory Data PEM, PAB, PUB and Riverine wetlands. Wetland feature presence not verified during field reconnaissance.			Forested land digitized from most recent Aerial Imagery (NAIP).			FEMA Flood Hazard Dataset features that have a determined flood zone sub-type as Floodway.			FEMA Flood Hazard Dataset features that have a determined flood zone type as A.			1000 ft buffer of centerline that intersects federal and state threatened and endangered species polygons.		

Table 3. Weighted Results Table

Route	Segments	Route Length (mi)	LAND USE CRITERIA GROUP																	
			Institutional Land Use						Sensitive Areas						Agriculture & Industrial Uses			Easement Required		
			Institutional uses within ROW (count)			Institutional uses within 1,000 feet of ROW (count)			Sensitive areas within ROW (acres)			Sensitive areas within 1,000 feet of ROW (acres)			Agricultural and Industrial land use in ROW (acres)			New easement required (acres)		
Criteria Group Weight:			35%			35%			35%			35%			35%			35%		
Criteria Weight:			15%			15%			20%			20%			5%			10%		
Sub-Criteria Weight:			70%			30%			70%			30%			100%			100%		
Weighted Multiplier:			0.0368			0.0158			0.0490			0.0210			0.0175			0.0350		
			Value	Normalized	Weighted Value	Value	Normalized	Weighted Value	Value	Normalized	Weighted Value	Value	Normalized	Weighted Value	Value	Normalized	Weighted Value	Value	Normalized	Weighted Value
ROUTES																				
A	1, 2, 4, 12, 25, 26, 27	1.99	0	0	0.00	5	100	1.58	0.00	0	0.00	17.06	100	2.10	13.33	23	0.40	15.15	36	1.26
C	1, 2, 4, 13, 14, 15, 19, 20, 22, 27	2.37	1	100	3.68	3	33	0.53	0.00	0	0.00	17.06	100	2.10	17.56	74	1.30	24.90	90	3.14
D	1, 2, 4, 13, 14, 15, 19, 20, 23, 24	2.37	1	100	3.68	3	33	0.53	0.00	0	0.00	17.06	100	2.10	18.24	83	1.44	26.78	100	3.50
E	1, 2, 4, 13, 14, 15, 19, 21, 23, 22, 27	2.43	1	100	3.68	3	33	0.53	0.00	0	0.00	17.06	100	2.10	18.33	84	1.46	25.36	92	3.23
F	1, 2, 4, 13, 14, 15, 19, 21, 24	2.35	0	0	0.00	4	67	1.05	0.00	0	0.00	17.06	100	2.10	18.42	85	1.48	26.24	97	3.39
G	1, 2, 5, 7, 12, 25, 26, 27	1.69	0	0	0.00	4	67	1.05	0.00	0	0.00	0.71	4	0.09	11.48	0	0.00	8.58	0	0.00
I	1, 2, 5, 7, 13, 14, 15, 19, 20, 22, 27	2.07	1	100	3.68	2	0	0.00	0.00	0	0.00	0.71	4	0.09	15.68	51	0.90	18.32	54	1.87
J	1, 2, 5, 7, 13, 14, 15, 19, 20, 23, 24	2.07	1	100	3.68	2	0	0.00	0.00	0	0.00	0.71	4	0.09	16.36	60	1.04	20.21	64	2.24
K	1, 2, 5, 7, 13, 14, 15, 19, 21, 23, 22, 27	2.13	1	100	3.68	2	0	0.00	0.00	0	0.00	0.71	4	0.09	16.46	61	1.06	18.78	56	1.96
L	1, 2, 5, 7, 13, 14, 15, 19, 21, 24	2.05	0	0	0.00	3	33	0.53	0.00	0	0.00	0.71	4	0.09	16.54	62	1.08	19.66	61	2.13
M	1, 2, 5, 6, 9, 13, 12, 25, 26, 27	2.02	0	0	0.00	4	67	1.05	0.00	0	0.00	0.00	0	0.00	15.44	48	0.85	14.10	30	1.06
O	1, 2, 5, 6, 9, 14, 15, 19, 20, 22, 27	2.08	1	100	3.68	2	0	0.00	0.00	0	0.00	0.00	0	0.00	15.82	53	0.93	21.20	69	2.43
P	1, 2, 5, 6, 9, 14, 15, 19, 20, 23, 24	2.08	1	100	3.68	2	0	0.00	0.00	0	0.00	0.00	0	0.00	16.50	61	1.07	23.09	80	2.79
Q	1, 2, 5, 6, 9, 14, 15, 19, 21, 23, 22, 27	2.14	1	100	3.68	2	0	0.00	0.00	0	0.00	0.00	0	0.00	16.59	62	1.09	21.66	72	2.52
R	1, 2, 5, 6, 9, 14, 15, 19, 21, 24	2.06	0	0	0.00	3	33	0.53	0.00	0	0.00	0.00	0	0.00	16.68	64	1.11	22.54	77	2.68
T	1, 2, 5, 6, 8, 10, 15, 19, 20, 22, 27	2.16	1	100	3.68	2	0	0.00	0.00	0	0.00	0.00	0	0.00	16.82	65	1.14	20.65	66	2.32
U	1, 2, 5, 6, 8, 10, 15, 19, 20, 23, 24	2.17	1	100	3.68	2	0	0.00	0.00	0	0.00	0.00	0	0.00	17.50	73	1.29	22.54	77	2.68
V	1, 2, 5, 6, 8, 10, 15, 19, 21, 23, 22, 27	2.22	1	100	3.68	2	0	0.00	0.00	0	0.00	0.00	0	0.00	17.59	75	1.30	21.11	69	2.41
W	1, 2, 5, 6, 8, 10, 15, 19, 21, 24	2.14	0	0	0.00	3	33	0.53	0.00	0	0.00	0.00	0	0.00	17.68	76	1.32	22.00	74	2.58
AC	1, 3, 8, 9, 13, 12, 25, 26, 27	2.23	0	0	0.00	4	67	1.05	0.00	0	0.00	0.00	0	0.00	18.43	85	1.48	17.11	47	1.64
AE	1, 3, 8, 9, 14, 15, 19, 20, 22, 27	2.30	1	100	3.68	2	0	0.00	0.00	0	0.00	0.00	0	0.00	18.81	90	1.57	24.21	86	3.01
AF	1, 3, 8, 9, 14, 15, 19, 20, 23, 24	2.30	1	100	3.68	2	0	0.00	0.00	0	0.00	0.00	0	0.00	19.49	98	1.71	26.10	96	3.37
AG	1, 3, 8, 9, 14, 15, 19, 21, 23, 22, 27	2.36	1	100	3.68	2	0	0.00	0.00	0	0.00	0.00	0	0.00	19.58	99	1.73	24.67	88	3.09
AH	1, 3, 8, 9, 14, 15, 19, 21, 24	2.28	0	0	0.00	3	33	0.53	0.00	0	0.00	0.00	0	0.00	19.67	100	1.75	25.55	93	3.26
AI	1, 3, 10, 14, 13, 12, 25, 26, 27	2.27	0	0	0.00	4	67	1.05	0.00	0	0.00	0.00	0	0.00	18.88	90	1.58	15.93	40	1.41
AK	1, 3, 10, 15, 19, 20, 22, 27	2.07	1	100	3.68	2	0	0.00	0.00	0	0.00	0.00	0	0.00	16.08	56	0.98	19.87	62	2.17
AL	1, 3, 10, 15, 19, 20, 23, 24	2.08	1	100	3.68	2	0	0.00	0.00	0	0.00	0.00	0	0.00	16.77	65	1.13	21.76	72	2.53
AM	1, 3, 10, 15, 19, 21, 23, 22, 27	2.13	1	100	3.68	2	0	0.00	0.00	0	0.00	0.00	0	0.00	16.85	66	1.15	20.33	65	2.26
AN	1, 3, 10, 15, 19, 21, 24	2.05	0	0	0.00	3	33	0.53	0.00	0	0.00	0.00	0	0.00	16.94	67	1.17	21.21	69	2.43
Min			0	--	--	2	--	--	0.00	--	--	0	--	--	11.48	--	--	8.58	--	--
Max			1	--	--	5	--	--	0.00	--	--	17	--	--	19.67	--	--	26.78	--	--
Range			1	--	--	3	--	--	0.00	--	--	17	--	--	8.19	--	--	18.21	--	--
Criteria Description:			Schools, hospitals, churches, child care institutional land uses within ROW. For example, two buildings in a school complex would be counted as one. Institutions were verified during field reconnaissance.			Schools, hospitals, churches, child care institutional land uses within 1000 ft of centerline. For example, two buildings in a school complex would be counted as one. Institutions were verified during field reconnaissance.			Parks, preserves, trails, agency-managed areas, golf courses and airport property within ROW. Included public library. Confirm with Duke.			Parks, preserves, trails, agency-managed areas, golf courses, and airport property within 1,000 feet of ROW. Included public library. Confirm with Duke.			Agricultural and Industrial land use was determined NAIP imagery.			Total ROW area. Variable width ROW along exiting transmission and roadways.		

Table 3. Weighted Results Table

Route	Segments	Route Length (mi)	LAND USE CRITERIA GROUP														
			Residences									Business/Commercial/Industrial			Properties Crossed		
			Residential buildings within ROW (count)			Residential buildings within 200 feet of edge of ROW (count)			Residential buildings within 200-500 feet of edge of ROW (count)			Business, Commercial, and Industrial Buildings within 250 Feet of Centerline			Properties with unique ownership crossed by ROW (count)		
Criteria Group Weight:			35%			35%			35%			35%			35%		
Criteria Weight:			25%			25%			25%			15%			10%		
Sub-Criteria Weight:			0%			60%			40%			100%			100%		
Weighted Multiplier:			0.0000			0.0525			0.0350			0.0525			0.0350		
			Value	Normalized	Weighted Value	Value	Normalized	Weighted Value	Value	Normalized	Weighted Value	Value	Normalized	Weighted Value	Value	Normalized	Weighted Value
ROUTES																	
A	1, 2, 4, 12, 25, 26, 27	1.99	0	0	0.00	3	50	2.63	3	7	0.25	23	100	5.25	24	70	2.45
C	1, 2, 4, 13, 14, 15, 19, 20, 22, 27	2.37	0	0	0.00	2	0	0.00	2	0	0.00	21	71	3.75	24	70	2.45
D	1, 2, 4, 13, 14, 15, 19, 20, 23, 24	2.37	0	0	0.00	4	100	5.25	16	100	3.50	19	43	2.25	27	100	3.50
E	1, 2, 4, 13, 14, 15, 19, 21, 23, 22, 27	2.43	0	0	0.00	2	0	0.00	2	0	0.00	22	86	4.50	25	80	2.80
F	1, 2, 4, 13, 14, 15, 19, 21, 24	2.35	0	0	0.00	4	100	5.25	16	100	3.50	20	57	3.00	25	80	2.80
G	1, 2, 5, 7, 12, 25, 26, 27	1.69	0	0	0.00	3	50	2.63	3	7	0.25	21	71	3.75	21	40	1.40
I	1, 2, 5, 7, 13, 14, 15, 19, 20, 22, 27	2.07	0	0	0.00	2	0	0.00	2	0	0.00	19	43	2.25	21	40	1.40
J	1, 2, 5, 7, 13, 14, 15, 19, 20, 23, 24	2.07	0	0	0.00	4	100	5.25	16	100	3.50	17	14	0.75	24	70	2.45
K	1, 2, 5, 7, 13, 14, 15, 19, 21, 23, 22, 27	2.13	0	0	0.00	2	0	0.00	2	0	0.00	20	57	3.00	22	50	1.75
L	1, 2, 5, 7, 13, 14, 15, 19, 21, 24	2.05	0	0	0.00	4	100	5.25	16	100	3.50	18	29	1.50	22	50	1.75
M	1, 2, 5, 6, 9, 13, 12, 25, 26, 27	2.02	0	0	0.00	3	50	2.63	3	7	0.25	21	71	3.75	22	50	1.75
O	1, 2, 5, 6, 9, 14, 15, 19, 20, 22, 27	2.08	0	0	0.00	2	0	0.00	2	0	0.00	18	29	1.50	22	50	1.75
P	1, 2, 5, 6, 9, 14, 15, 19, 20, 23, 24	2.08	0	0	0.00	4	100	5.25	16	100	3.50	16	0	0.00	25	80	2.80
Q	1, 2, 5, 6, 9, 14, 15, 19, 21, 23, 22, 27	2.14	0	0	0.00	2	0	0.00	2	0	0.00	19	43	2.25	23	60	2.10
R	1, 2, 5, 6, 9, 14, 15, 19, 21, 24	2.06	0	0	0.00	4	100	5.25	16	100	3.50	17	14	0.75	23	60	2.10
T	1, 2, 5, 6, 8, 10, 15, 19, 20, 22, 27	2.16	0	0	0.00	2	0	0.00	2	0	0.00	18	29	1.50	20	30	1.05
U	1, 2, 5, 6, 8, 10, 15, 19, 20, 23, 24	2.17	0	0	0.00	4	100	5.25	16	100	3.50	16	0	0.00	23	60	2.10
V	1, 2, 5, 6, 8, 10, 15, 19, 21, 23, 22, 27	2.22	0	0	0.00	2	0	0.00	2	0	0.00	19	43	2.25	21	40	1.40
W	1, 2, 5, 6, 8, 10, 15, 19, 21, 24	2.14	0	0	0.00	4	100	5.25	16	100	3.50	17	14	0.75	21	40	1.40
AC	1, 3, 8, 9, 13, 12, 25, 26, 27	2.23	0	0	0.00	3	50	2.63	3	7	0.25	22	86	4.50	20	30	1.05
AE	1, 3, 8, 9, 14, 15, 19, 20, 22, 27	2.30	0	0	0.00	2	0	0.00	2	0	0.00	19	43	2.25	20	30	1.05
AF	1, 3, 8, 9, 14, 15, 19, 20, 23, 24	2.30	0	0	0.00	4	100	5.25	16	100	3.50	17	14	0.75	23	60	2.10
AG	1, 3, 8, 9, 14, 15, 19, 21, 23, 22, 27	2.36	0	0	0.00	2	0	0.00	2	0	0.00	20	57	3.00	21	40	1.40
AH	1, 3, 8, 9, 14, 15, 19, 21, 24	2.28	0	0	0.00	4	100	5.25	16	100	3.50	18	29	1.50	21	40	1.40
AI	1, 3, 10, 14, 13, 12, 25, 26, 27	2.27	0	0	0.00	3	50	2.63	3	7	0.25	22	86	4.50	20	30	1.05
AK	1, 3, 10, 15, 19, 20, 22, 27	2.07	0	0	0.00	2	0	0.00	2	0	0.00	18	29	1.50	17	0	0.00
AL	1, 3, 10, 15, 19, 20, 23, 24	2.08	0	0	0.00	4	100	5.25	16	100	3.50	16	0	0.00	20	30	1.05
AM	1, 3, 10, 15, 19, 21, 23, 22, 27	2.13	0	0	0.00	2	0	0.00	2	0	0.00	19	43	2.25	18	10	0.35
AN	1, 3, 10, 15, 19, 21, 24	2.05	0	0	0.00	4	100	5.25	16	100	3.50	17	14	0.75	18	10	0.35
Min			0	--	--	2	--	--	2	--	--	16	--	--	17	--	--
Max			0	--	--	4	--	--	16	--	--	23	--	--	27	--	--
Range			0	--	--	2	--	--	14	--	--	7	--	--	10	--	--
Criteria Description:			Occupied single family and multi-family residential dwellings. Dwelling type was verified during field reconnaissance.			Occupied single family and multi-family residential dwellings. Dwelling type was verified during field reconnaissance.			Occupied single family and multi-family residential dwellings. Dwelling type was verified during field reconnaissance.			Structure type was verified during field reconnaissance.			Parcels that intersect the ROW dissolved by owner (one owner with multiple parcels counted once).		

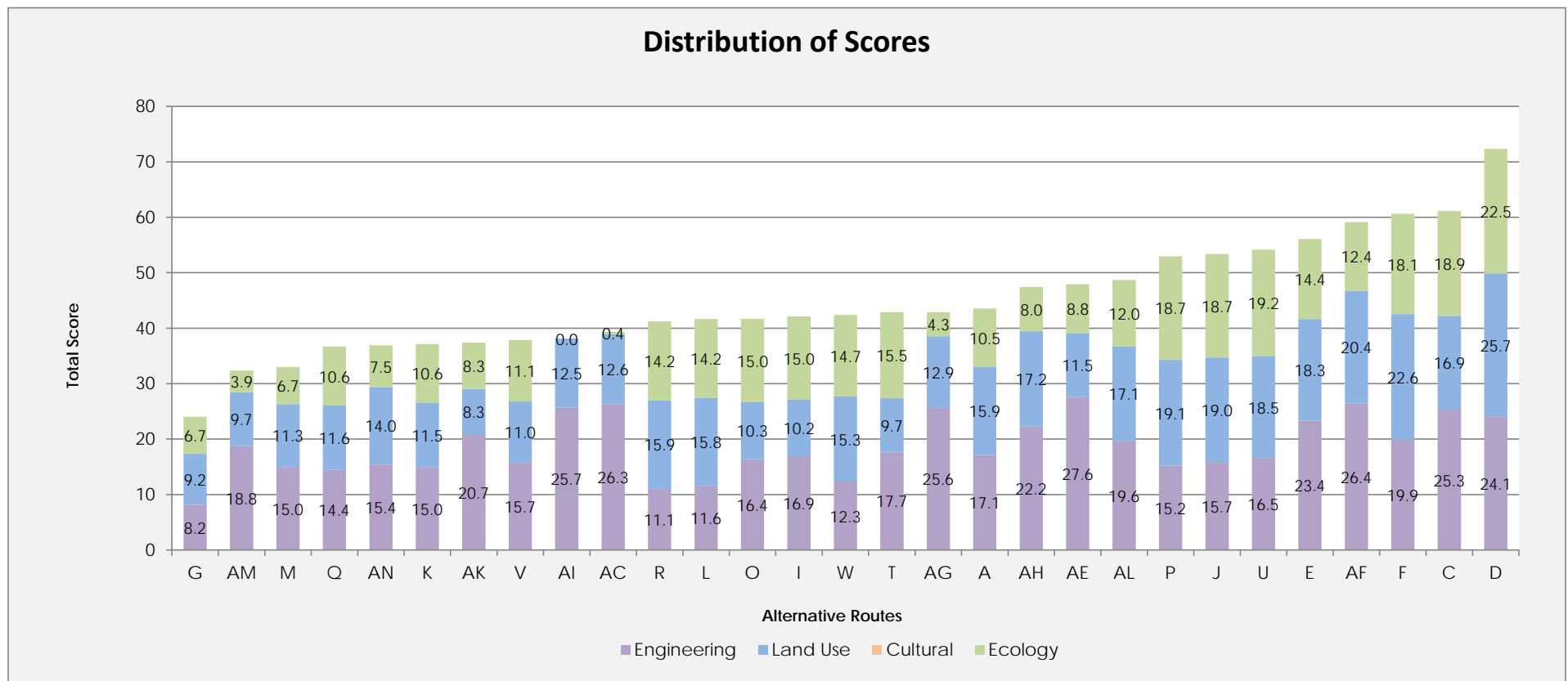
Table 3. Weighted Results Table

Route	Segments	Route Length (mi)	CULTURAL CRITERIA GROUP											
			NRHP Listed Resources			State Listed Resources			Archaeological Sites			Cemeteries		
			NRHP listed resources within 1,000 feet of centerline (count)			State listed resources within 1,000 feet of centerline (count)			Known archaeological sites within ROW (count)			Cemeteries within ROW (count)		
Criteria Group Weight:			0%			0%			0%			0%		
Criteria Weight:			40%			30%			15%			15%		
Sub-Criteria Weight:			100%			100%			100%			100%		
Weighted Multiplier:			0.0000			0.0000			0.0000			0.0000		
			Value	Normalized	Weighted Value	Value	Normalized	Weighted Value	Value	Normalized	Weighted Value	Value	Normalized	Weighted Value
ROUTES														
A	1, 2, 4, 12, 25, 26, 27	1.99	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
C	1, 2, 4, 13, 14, 15, 19, 20, 22, 27	2.37	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
D	1, 2, 4, 13, 14, 15, 19, 20, 23, 24	2.37	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
E	1, 2, 4, 13, 14, 15, 19, 21, 23, 22, 27	2.43	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
F	1, 2, 4, 13, 14, 15, 19, 21, 24	2.35	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
G	1, 2, 5, 7, 12, 25, 26, 27	1.69	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
I	1, 2, 5, 7, 13, 14, 15, 19, 20, 22, 27	2.07	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
J	1, 2, 5, 7, 13, 14, 15, 19, 20, 23, 24	2.07	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
K	1, 2, 5, 7, 13, 14, 15, 19, 21, 23, 22, 27	2.13	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
L	1, 2, 5, 7, 13, 14, 15, 19, 21, 24	2.05	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
M	1, 2, 5, 6, 9, 13, 12, 25, 26, 27	2.02	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
O	1, 2, 5, 6, 9, 14, 15, 19, 20, 22, 27	2.08	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
P	1, 2, 5, 6, 9, 14, 15, 19, 20, 23, 24	2.08	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
Q	1, 2, 5, 6, 9, 14, 15, 19, 21, 23, 22, 27	2.14	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
R	1, 2, 5, 6, 9, 14, 15, 19, 21, 24	2.06	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
T	1, 2, 5, 6, 8, 10, 15, 19, 20, 22, 27	2.16	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
U	1, 2, 5, 6, 8, 10, 15, 19, 20, 23, 24	2.17	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
V	1, 2, 5, 6, 8, 10, 15, 19, 21, 23, 22, 27	2.22	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
W	1, 2, 5, 6, 8, 10, 15, 19, 21, 24	2.14	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
AC	1, 3, 8, 9, 13, 12, 25, 26, 27	2.23	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
AE	1, 3, 8, 9, 14, 15, 19, 20, 22, 27	2.30	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
AF	1, 3, 8, 9, 14, 15, 19, 20, 23, 24	2.30	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
AG	1, 3, 8, 9, 14, 15, 19, 21, 23, 22, 27	2.36	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
AH	1, 3, 8, 9, 14, 15, 19, 21, 24	2.28	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
AI	1, 3, 10, 14, 13, 12, 25, 26, 27	2.27	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
AK	1, 3, 10, 15, 19, 20, 22, 27	2.07	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
AL	1, 3, 10, 15, 19, 20, 23, 24	2.08	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
AM	1, 3, 10, 15, 19, 21, 23, 22, 27	2.13	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
AN	1, 3, 10, 15, 19, 21, 24	2.05	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
Min			0	--	--	0	--	--	0	--	--	0	--	--
Max			0	--	--	0	--	--	0	--	--	0	--	--
Range			0	--	--	0	--	--	0	--	--	0	--	--
Criteria Description:			National Register of historic places data. Sites need to be listed to qualify for this calculation. Weller data request.			Weller data request.			Weller data request.			Weller data request.		

Table 3. Weighted Results Table

Route	Segments	Route Length (mi)	ENGINEERING CRITERIA GROUP																				
			Route Length			Highway and Rail Crossings			Steep Slopes			Turn Angles			Span Length			Other Linear Utilities			Paralleling Existing Transmission		
			Route length (feet)			Highway or railroad crossings (count)			Route length with slope >20% (feet)			Turn angles > 20 degrees (count)			Span length in excess of 400 feet (feet)			Other Linear Utilities within Proposed ROW			Percentage of line not paralleling existing transmission ROW		
Criteria Group Weight:			35%			35%			35%			35%			35%			35%					
Criteria Weight:			20%			10%			15%			20%			5%			20%					
Sub-Criteria Weight:			100%			100%			100%			100%			100%			100%					
Weighted Multiplier:			0.0700			0.0350			0.0525			0.0700			0.0175			0.0700					
			Value	Normalized	Weighted Value	Value	Normalized	Weighted Value	Value	Normalized	Weighted Value	Value	Normalized	Weighted Value	Value	Normalized	Weighted Value	Value	Normalized	Weighted Value			
ROUTES																							
A	1, 2, 4, 12, 25, 26, 27	1.99	10,506	41	2.85	4	100	3.50	1926	42	2.19	10	43	3.00	517	100	1.75	5280.7	30	2.08	51.0	49	1.73
C	1, 2, 4, 13, 14, 15, 19, 20, 22, 27	2.37	12,516	92	6.42	2	0	0.00	2335	59	3.11	17	93	6.50	285	44	0.77	7511.4	77	5.39	85.1	89	3.11
D	1, 2, 4, 13, 14, 15, 19, 20, 23, 24	2.37	12,535	92	6.46	2	0	0.00	2095	49	2.57	18	100	7.00	285	44	0.77	6518.2	56	3.92	91.6	96	3.38
E	1, 2, 4, 13, 14, 15, 19, 21, 23, 22, 27	2.43	12,840	100	7.00	2	0	0.00	2296	58	3.03	16	86	6.00	285	44	0.77	6190.3	49	3.43	85.5	89	3.13
F	1, 2, 4, 13, 14, 15, 19, 21, 24	2.35	12,420	89	6.25	2	0	0.00	2055	47	2.48	15	79	5.50	285	44	0.77	4928.9	22	1.56	91.5	96	3.37
G	1, 2, 5, 7, 12, 25, 26, 27	1.69	8,901	0	0.00	4	100	3.50	1978	44	2.31	4	0	0.00	334	56	0.98	4813.3	20	1.39	8.6	0	0.00
I	1, 2, 5, 7, 13, 14, 15, 19, 20, 22, 27	2.07	10,911	51	3.57	2	0	0.00	2387	62	3.23	11	50	3.50	102	0	0.00	7044.0	67	4.70	55.5	55	1.91
J	1, 2, 5, 7, 13, 14, 15, 19, 20, 23, 24	2.07	10,930	52	3.61	2	0	0.00	2147	51	2.69	12	57	4.00	102	0	0.00	6050.7	46	3.22	63.0	63	2.21
K	1, 2, 5, 7, 13, 14, 15, 19, 21, 23, 22, 27	2.13	11,235	59	4.15	2	0	0.00	2348	60	3.14	10	43	3.00	102	0	0.00	5722.8	39	2.74	56.8	56	1.96
L	1, 2, 5, 7, 13, 14, 15, 19, 21, 24	2.05	10,815	49	3.40	2	0	0.00	2108	50	2.60	9	36	2.50	102	0	0.00	4461.5	12	0.87	62.6	63	2.20
M	1, 2, 5, 6, 9, 13, 12, 25, 26, 27	2.02	10,646	44	3.10	4	100	3.50	1832	38	1.98	6	14	1.00	334	56	0.98	5908.2	43	3.01	42.9	40	1.39
O	1, 2, 5, 6, 9, 14, 15, 19, 20, 22, 27	2.08	10,976	53	3.69	2	0	0.00	1897	41	2.13	12	57	4.00	102	0	0.00	6459.1	55	3.83	76.0	78	2.74
P	1, 2, 5, 6, 9, 14, 15, 19, 20, 23, 24	2.08	10,995	53	3.72	2	0	0.00	1657	30	1.59	13	64	4.50	102	0	0.00	5465.9	34	2.36	83.4	87	3.04
Q	1, 2, 5, 6, 9, 14, 15, 19, 21, 23, 22, 27	2.14	11,300	61	4.26	2	0	0.00	1858	39	2.04	11	50	3.50	102	0	0.00	5138.0	27	1.87	76.7	79	2.77
R	1, 2, 5, 6, 9, 14, 15, 19, 21, 24	2.06	10,880	50	3.52	2	0	0.00	1618	29	1.50	10	43	3.00	102	0	0.00	3876.7	0	0.00	83.2	87	3.03
T	1, 2, 5, 6, 8, 10, 15, 19, 20, 22, 27	2.16	11,414	64	4.47	2	0	0.00	1231	12	0.63	14	71	5.00	102	0	0.00	7118.4	69	4.81	76.9	79	2.78
U	1, 2, 5, 6, 8, 10, 15, 19, 20, 23, 24	2.17	11,433	64	4.50	2	0	0.00	991	2	0.09	15	79	5.50	102	0	0.00	6125.2	48	3.34	84.0	88	3.07
V	1, 2, 5, 6, 8, 10, 15, 19, 21, 23, 22, 27	2.22	11,738	72	5.04	2	0	0.00	1192	10	0.54	13	64	4.50	102	0	0.00	5797.3	41	2.85	77.6	80	2.80
W	1, 2, 5, 6, 8, 10, 15, 19, 21, 24	2.14	11,318	61	4.30	2	0	0.00	952	0	0.00	12	57	4.00	102	0	0.00	4536.0	14	0.98	83.9	87	3.06
AC	1, 3, 8, 9, 13, 12, 25, 26, 27	2.23	11,795	73	5.14	4	100	3.50	3219	97	5.10	11	50	3.50	334	56	0.98	7974.9	87	6.08	58.4	58	2.03
AE	1, 3, 8, 9, 14, 15, 19, 20, 22, 27	2.30	12,125	82	5.73	2	0	0.00	3284	100	5.25	17	93	6.50	102	0	0.00	8525.8	99	6.90	88.0	92	3.23
AF	1, 3, 8, 9, 14, 15, 19, 20, 23, 24	2.30	12,144	82	5.76	2	0	0.00	3043	90	4.71	18	100	7.00	102	0	0.00	7532.6	77	5.42	94.6	100	3.50
AG	1, 3, 8, 9, 14, 15, 19, 21, 23, 22, 27	2.36	12,449	90	6.31	2	0	0.00	3245	98	5.16	16	86	6.00	102	0	0.00	7204.7	71	4.94	88.3	93	3.24
AH	1, 3, 8, 9, 14, 15, 19, 21, 24	2.28	12,029	79	5.56	2	0	0.00	3004	88	4.62	15	79	5.50	102	0	0.00	5943.3	44	3.07	94.6	100	3.50
AI	1, 3, 10, 14, 13, 12, 25, 26, 27	2.27	11,988	78	5.49	4	100	3.50	3013	88	4.64	8	29	2.00	334	56	0.98	8596.0	100	7.00	59.1	59	2.05
AK	1, 3, 10, 15, 19, 20, 22, 27	2.07	10,934	52	3.61	2	0	0.00	2361	60	3.17	14	71	5.00	102	0	0.00	7773.8	83	5.78	86.7	91	3.17
AL	1, 3, 10, 15, 19, 20, 23, 24	2.08	10,980	53	3.70	2	0	0.00	2121	50	2.63	15	79	5.50	102	0	0.00	6780.6	62	4.31	93.8	99	3.47
AM	1, 3, 10, 15, 19, 21, 23, 22, 27	2.13	11,258	60	4.19	2	0	0.00	2322	59	3.09	13	64	4.50	102	0	0.00	6452.7	55	3.82	87.0	91	3.19
AN	1, 3, 10, 15, 19, 21, 24	2.05	10,838	49	3.44	2	0	0.00	2082	48	2.54	12	57	4.00	102	0	0.00	5191.3	28	1.95	94.0	99	3.47
Min			8901	--	--	2	--	--	952	--	--	4	--	--	102	--	--	3876.7	--	--	8.6	--	--
Max			12840	--	--	4	--	--	3284	--	--	18	--	--	517	--	--	8596.0	--	--	94.6	--	--
Range			3939	--	--	2	--	--	2331	--	--	14	--	--	415	--	--	4719.3	--	--	86.0	--	--
Criteria Description:			Length determine by route centerline.						Slopes were derived from Lidar elevation data. Elevation data was converted into percent slope and then summarized by if it was greater that 20%.			Turn angles were measured at each point of inflection along the route.			Crossing a river, highway, or other access-limited area. This number should be length in feet of span exceeding 400'. For example, a span of 415ft, would be shown in this table as 15.								

Figure 1. Distribution of Quantitative Route Analysis Scores



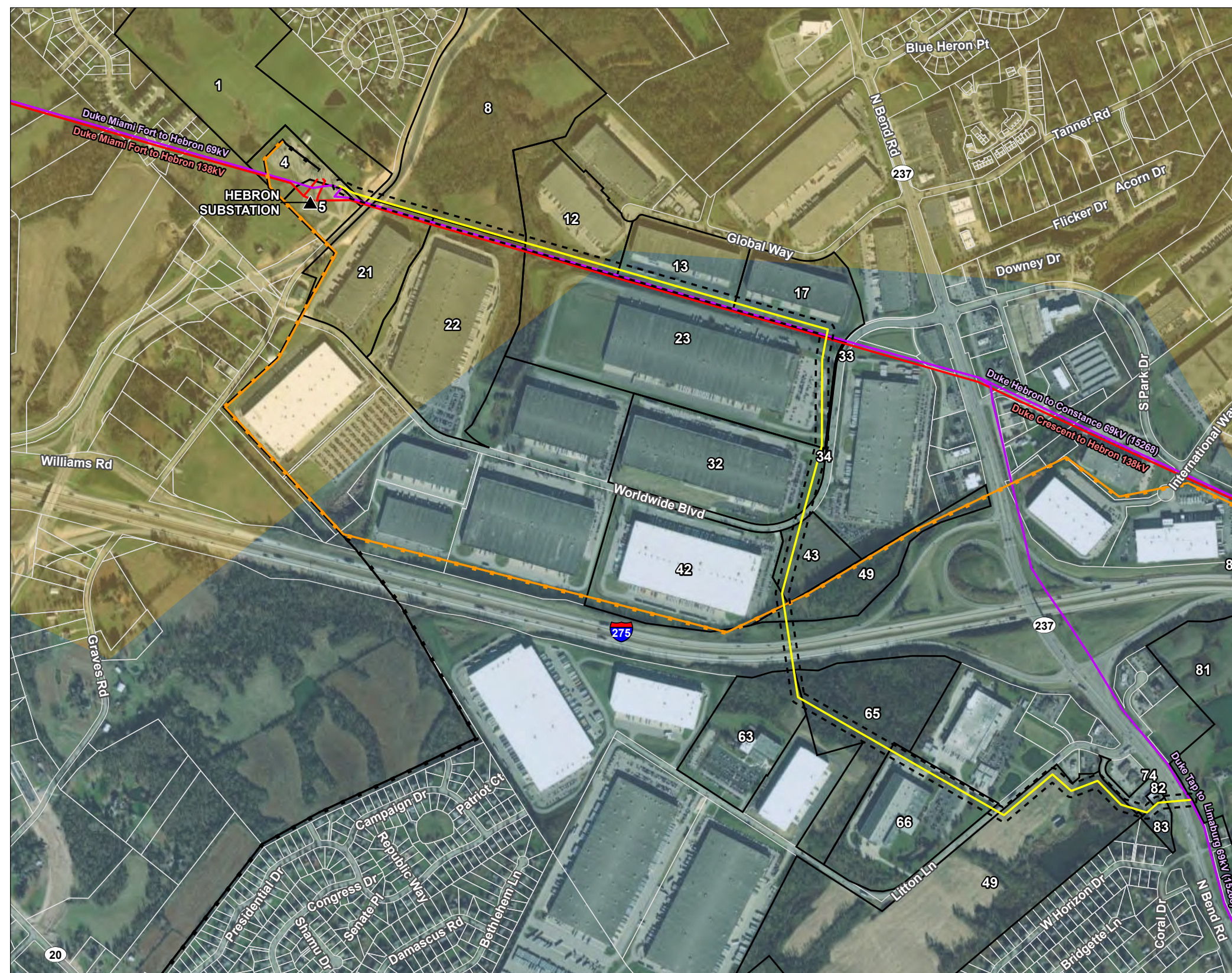
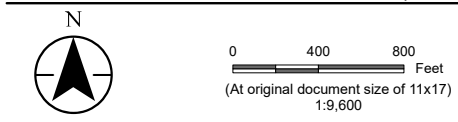
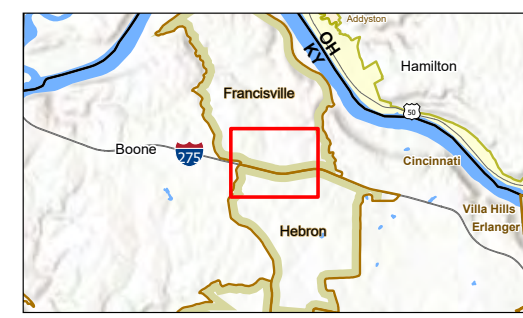


Figure No. **8**
 Title **Preferred Route rev1**
 Client/Project Duke Energy Kentucky 193708666
 Hebron to Oakbrook 138 kV Transmission Line Project
 Project Location Boone Co., Kentucky Prepared by PM on 2022-08-22
 TR by BT on 2021-11-09 IR by TR on 2022-09-08



- Legend
- ▲ Duke-owned Existing Substation
 - Duke-owned Existing 69 kV Transmission Line
 - Duke-owned Existing 138 kV Transmission Line
 - Foreign Owned Existing Transmission Line
 - Proposed EKPC Transmission Line
 - Hebron to Oakbrook Preferred Route Centerline
 - - - Proposed ROW
 - ▭ Parcels Impacted by Project (Duke Unq. ID)
 - ▭ Parcel Boundary
 - Retail Electric Service Territory
 - DUKE ENERGY KENTUCKY
 - EAST KENTUCKY POWER COOP, INC

*Exhibit reflects parcels impacted by anticipated ROW associated with preferred route at the time of CPCN submission.



- Notes
1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
 2. Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, USFWS
 3. Background: Esri World Imagery



V:\1937\Active\193708666\03_data\gis_cad\gis\mxd\CPCN\193708666_Hebron_to_Oakbrook_CPCN.aprx
 Reviser: 2022-04-28 By: pmhake
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 Reviser: 2022-04-28 By: pmhake

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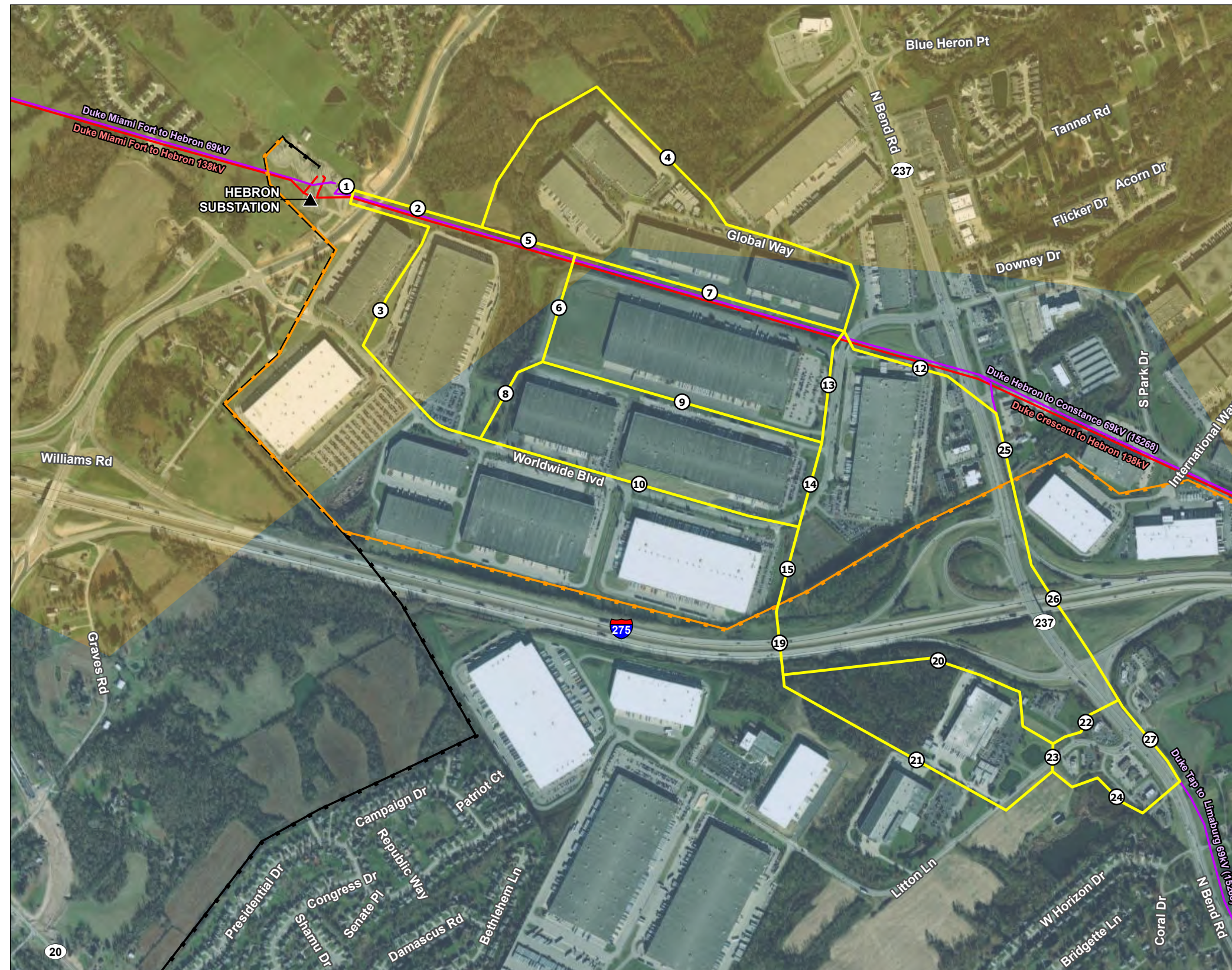


Figure No. **9**

Title
**Alternative Route Segments
 rev1**

Client/Project
 Duke Energy Kentucky
 Hebron to Oakbrook 138 kV Transmission Line Project

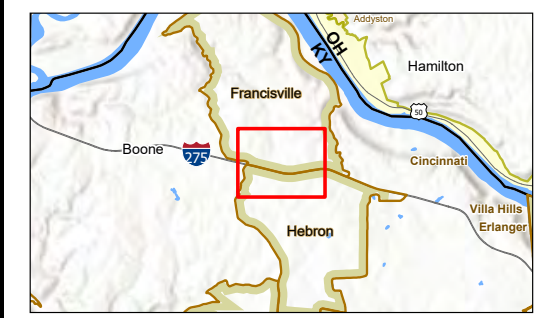
Project Location
 Boone Co., Kentucky

Prepared by PM on 2022-08-23
 TR by BT on 2021-11-09
 IR by TR on 2022-09-08

N

0 400 800 Feet
 (At original document size of 11x17)
 1:9,600

- Legend
- ▲ Duke-owned Existing Substation
 - Duke-owned Existing 69 kV Transmission Line
 - Duke-owned Existing 138 kV Transmission Line
 - Foreign Owned Existing Transmission Line
 - Proposed EKPC Transmission Line
 - Segment Network
- Retail Electric Service Territory
- DUKE ENERGY KENTUCKY
 - EAST KENTUCKY POWER COOP, INC



Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
2. Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, EKPC
3. Background: Esri World Imagery



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 Reviser: 2023-04-28 By: jmm/ake
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 Reviser: 2023-04-28 By: jmm/ake

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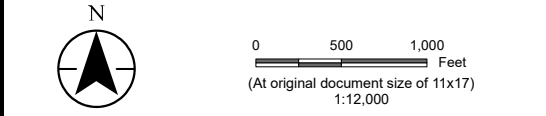


Figure No. **10**

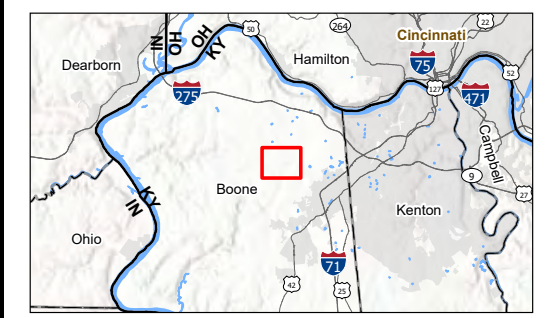
Rebuild Area rev1

Client/Project: Duke Energy Kentucky
 Hebron to Oakbrook 138 kV Transmission Line Project

Project Location: Boone Co., Kentucky
 Prepared by PM on 2022-08-23
 TR by BT on 2021-11-09
 IR by TR on 2022-09-08



- Legend**
- Rebuild Area
 - Duke-owned Existing Substation
 - Duke-owned Existing 69 kV Transmission Line
 - Duke-owned Existing 138 kV Transmission Line
 - Rebuild Section
 - Parcels Impacted by Project (Duke Unq. ID)
 - Parcel Boundary
 - Retail Electric Service Territory**
 - DUKE ENERGY KENTUCKY
 - EAST KENTUCKY POWER COOP, INC



- Notes**
1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
 2. Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, EKPC
 3. Background: Esri World Imagery



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 Reviser: 2023-04-28 By: jmm/klk
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 Reviser: 2023-04-28 By: jmm/klk

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COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

The Electronic Application of Duke Energy)	
Kentucky, Inc. for a Certificate of Public)	
Convenience and Necessity to Construct A)	Case No. 2023-00239
138-kV Transmission Line and Associated)	
Facilities in Boone County (Hebron to)	
Oakbrook Transmission Line Project))	

Verified Statement in Accordance with 807 KAR 5:120, Section 2(3)

Dawn M. Fuller, Senior Stakeholder Engagement Manger, being duly sworn, states as follows:

1. The statements contained in this verification are based upon my personal knowledge, or my review of the records of Duke Energy Kentucky, Inc. within the purview of my duties for the Company.

2. The records of the Boone County Property Valuation Administrator, except as corrected or updated upon landowner contact or other research, located within the filing corridor (including the currently proposed right-of-way) for Duke Energy Kentucky, Inc.’s Hebron to Oakbrook Transmission Line Project will cross the property owned by the persons listed in Exhibit 12 of the Application.

3. On July 18, 2023 the persons in Exhibit 12 were mailed the notice as required by 807 KAR 5:120, Section 2(3)(a) – (e):

A verified statement that, according to county property valuation administrator records, each property owner over whose property the transmission line right-of-way is proposed to cross has been sent by first-class mail, addressed to the property owner at the owner’s address as indicated by the county property valuation administrator records, or hand delivered:

(a) Notice of the proposed construction;

- (b) The commission docket number under which the application will be processed and a map showing the proposed route of the line;
- (c) The address and telephone number of the executive director of the commission;
- (d) A description of his or her rights to request a local public hearing and to request to intervene in the case; and
- (e) A description of the project.

4. The form of the notice mailed is attached in Exhibit 12.

FURTHER AFFIANT SAYETH NAUGHT.


 Dawn M. Fuller

STATE OF OHIO)
) SS
 COUNTY OF HAMILTON)

Subscribed and sworn to before me, a Notary Public in and before said County and State,
 by Dawn M. Fuller this 5th day of September 2023.


 Notary Public
 My Commission Expires: July 8, 2027



EMILIE SUNDERMAN
 Notary Public
 State of Ohio
 My Comm. Expires
 July 8, 2027



July 18, 2023

<<Recipient Name>>

<<Mailing Address>>

<<City, ST ZIP>>

Project Reference: Update about the Hebron to Oakbrook Reliability Project, Notice of Proposed Electric Transmission Line Construction Project

Dear Property Owner:

Duke Energy Kentucky, Inc., (Duke Energy) notified select property owners in November 2022 about seeking a certificate of public convenience and necessity for its proposed new electric transmission line project in Boone County, referred to as the Hebron to Oakbrook Reliability Project. We are refileing this application following direction from the Kentucky Public Service Commission. The need and description of the project – as well as the engineering – have not changed from our initial filing last fall, but the project is assigned a new case number.

The Hebron to Oakbrook Reliability Project will upgrade the electric system by building a new 2.1-mile transmission line from Hebron Substation at 2139 Graves Road, in Hebron, Ky., to Route 237.

You are receiving this notice because county property records indicate either the proposed transmission line right-of-way crosses your property, or you own property within the filing corridor.

1. The construction of the proposed transmission line between the Hebron Substation and Route 237 involves the following work:

- The construction of approximately 2.1 miles of transmission line with capacity for 138-kV but will initially be operated at 69-kV.
- The transmission line will be supported by approximately 40 steel poles with an average above-ground height of 80-100 feet.
- The distance between poles will run an average of 200 to 400 feet.
- Right-of-way width for the project is anticipated to be 70 feet when the line is running parallel and adjacent to a public road, and 100 feet when the line is running cross-country.
- To enable the safe operation of the line, the required right-of-way width and location of the centerline will be finalized during the detailed engineering design and construction phases, and will be discussed in land rights negotiations with landowners.

The project is now described as Case No. 2023-00239 on the Kentucky Public Service Commission's website at <https://psc.ky.gov/Case/ViewCaseFilings/2023-00239>.

2. Enclosed is a map that shows the route of the proposed transmission line.

3. The Kentucky Public Service Commission will process Duke Energy's application under Case No. 2023-00239.

Contact information for the Executive Director of the Kentucky Public Service Commission:

Linda Bridwell, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, KY 40602
502.564-3940
800.772.4636

Duke Energy anticipates re-filing its application with the Kentucky Public Service Commission on or after August 14, 2023. The application when filed may be viewed under Case No. 2023-00239 on the commission's website at <https://psc.ky.gov/Case/ViewCaseFilings/2023-00239>.

4. You have the right to submit a timely written request for intervention in Case No. 2023-00239. The motion must be submitted to the Kentucky Public Service Commission, 211 Sower Boulevard, Frankfort, KY 40602, and must establish the grounds for your request to intervene, including your status and the nature of your interest in the proceeding. Please see 807 KAR 5:001, Section 4 (11) at <http://kyrules.elaws.us/rule/807kar5:001> for additional information regarding the requirements and procedure for requesting intervention. 807 KAR 5:001, Section 4(11) may be accessed at <http://kyrules.elaws.us/rule/807kar5:001>.

If no request for intervention is received within 30 days of the filing of the application, the Kentucky Public Service Commission may take final action on the application. The request for intervention should reference Case No. 2023-00239.

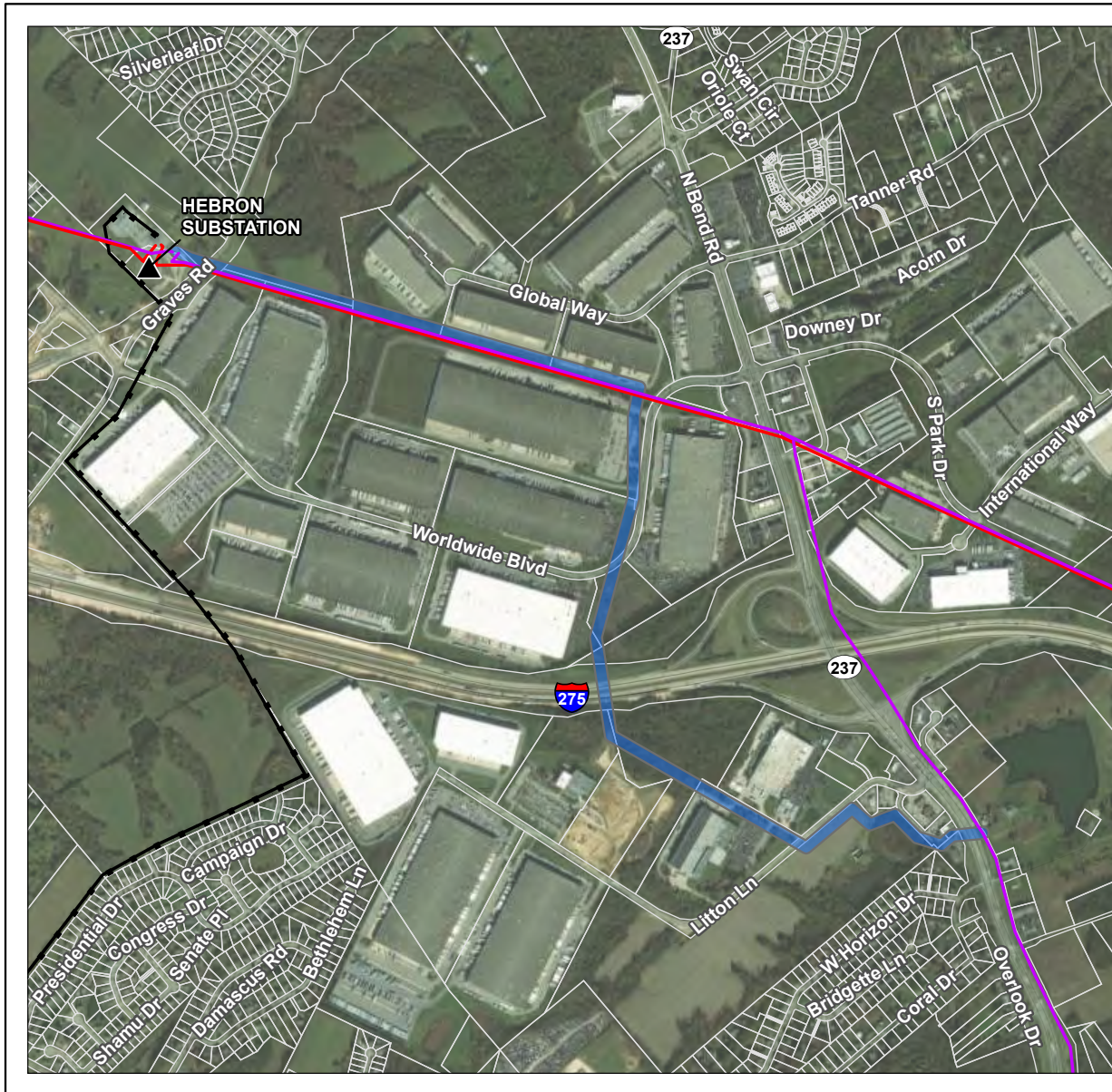
5. You also have the right to request a local public hearing regarding the application and the proposed 69-kV transmission line and related work. The requirements for requesting a local public hearing are described in 807 KAR 5:120, Section 3. See <http://kyrules.elaws.us/rule/807kar5:120> for additional information.

6. Written comments may also be filed at the above address, or by sending an email to the commission's public information officer at psc.info@ky.gov. The comments should reference Case No. 2023-00239.

7. Project updates may also be found on the Duke Energy Hebron to Oakbrook Reliability Project website at duke-energy.com/hebron.

Sincerely,
Duke Energy

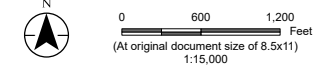
<<Parcel No.(s)>>



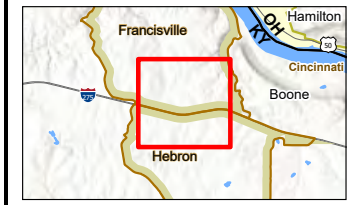
Title
Preferred Route Corridor

Client/Project
Hebron to Oakbrook
138 kV Transmission Line Project

Project Location
Boone County,
Kentucky



- Legend**
- Duke-owned Existing Substation
 - Duke-owned Existing 69 kV Transmission Line
 - Duke-owned Existing 138 kV Transmission Line
 - Foreign Owned Existing Transmission Line
 - Preferred Route Corridor
 - Parcel Boundary



- Notes**
1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
 2. Data Sources: Duke Energy, Stantec, USGS, NADS
 3. Background: Esri World Imagery

Parcel PIN(s)	Situs Number	Situs Street	Situs City	Situs State	Situs Zip	Mailing Owner	Mail Address	Mail City	Mail State	Mail Zip	NEW Duke ID(s)
035.00-00-051.00	2123	GRAVES RD	HEBRON	KY	41048	FARM MEMORIES LLC	2093 GRAVES RD	HEBRON	KY	41048	1
035.00-00-051.04	2129-2131	GRAVES RD	HEBRON	KY	41048	EAST KENTUCKY POWER COOPERATIVE INC	4775 LEXINGTON RD	WINCHESTER	KY	40391	2
035.00-00-051.02	2139	GRAVES RD	HEBRON	KY	41048	DUKE ENERGY KENTUCKY INC	550 S TYRON ST DEC 44P	CHARLOTTE	NC	28202	3
035.00-10-012.01	1770-1800	WORLDWIDE BLVD	HEBRON	KY	41048	I&G DIRECT REAL ESTATE 33D LP	270 PARK AVE	NEW YORK	NY	10017	4
035.00-00-052.00			HEBRON	KY	41048	SUGAR CAMP PARTNERSHIP	2272 WILLIAMS RD	HEBRON	KY	41048	5
035.00-10-012.02	1596-1600	WORLDWIDE BLVD	HEBRON	KY	41048	DCT/SPF PARK WEST LLC	1800 WAZEE ST	DENVER	CO	80202	6
035.00-10-007.00	2305-2335	GLOBAL WAY	HEBRON	KY	41048	DCT PARK WEST LLC IDI SERVICES GROUP	1800 WAZEE ST	DENVER	CO	80202	7
035.00-10-009.00	1100	WORLDWIDE BLVD	HEBRON	KY	41048	I&G DIRECT REAL ESTATE 34, LP	270 PARK AVE	NEW YORK	NY	10017	8
036.00-00-057.00			HEBRON	KY	41048	MCGLOSSON MELVIN R LIVING TRUST	1856 PERRY LN	BURLINGTON	KY	41005	15
036.00-09-001.02	2300	LITTON LN	HEBRON	KY	41048	AIRPORT CENTER LLC	281 POINT TOWNSHIP DR	NORTHUMBERLAND	PA	17857	16
036.00-09-002.00	2250	LITTON LN	HEBRON	KY	41048	LITTON LANE LLC	18W140 BUTTERFIELD RD SUITE 750	OAKBROOK TERRACE	IL	60181	17
036.00-09-001.04	2270	LITTON LN	HEBRON	KY	41048	BCI IV HEBRON LC LLC	518 17TH ST 17TH FLOOR	DENVER	CO	80202	18
036.00-09-003.00	2200	LITTON LN	HEBRON	KY	41048	CINCINNATI MACHINE LLC	2200 LITTON LN	HEBRON	KY	41048	19
036.00-09-004.00	2100	LITTON LN	HEBRON	KY	41048	BROADSTONE KBC PORTFOLIO LLC	4760 PADDOCK RD	CINCINNATI	OH	45229	20
036.00-00-057.11	2095	LITTON LN	HEBRON	KY	41048	BOOM INC	5623 FAIRFIELD RD	COLUMBIA	SC	29203	21
036.00-00-057.04	2085	LITTON LN	HEBRON	KY	41048	WAFFLE HOUSE INC	PO BOX 6450	NORCROSS	GA	30091	22
036.00-00-057.03	2075-2077	LITTON LN	HEBRON	KY	41048	SPEEDWAY LLC	539 S MAIN ST	FINDLAY	OH	45840	24
036.00-05-005.00	2032	WEST HORIZON DR	HEBRON	KY	41048	FOOTE JOHN R JR	2032 W HORIZON DR	HEBRON	KY	41048	25
036.00-05-004.00	2030	WEST HORIZON DR	HEBRON	KY	41048	HESS CHRISTOPHER W & AMANDA L	2030 W HORIZON DR	HEBRON	KY	41048	26
036.00-00-058.00	2575	NORTH BEND RD	HEBRON	KY	41048	HEBRON LAND COMPANY LLC	45 FAIRFIELD AVE SUITE 200	BELLEVUE	KY	41073	27
047.00-00-005.00	2538	NORTH BEND RD	HEBRON	KY	41048	MCGLOSSON MELVIN	2580 NORTH BEND RD	HEBRON	KY	41048	29
035.00-10-008.00	1151-1155	WORLDWIDE BLVD	HEBRON	KY	41048						11
035.00-00-044.02			HEBRON	KY	41048	IPT PARK WEST DC LLC	1800 WAZEE ST SUITE 500	DENVER	CO	80202	13
035.00-10-010.00	1200	WORLDWIDE BLVD	HEBRON	KY	41048						12
035.00-10-003.00	2055-2095	GLOBAL WAY	HEBRON	KY	41048						10
035.00-10-014.00	1405	WORLDWIDE BLVD	HEBRON	KY	41048						14
035.00-10-004.00	2205-2255	GLOBAL WAY	HEBRON	KY	41048	BCORE FOREST LOGISTICS KY OWNER LLC	PO BOX A-3879	CHICAGO	IL	60690	9
036.00-00-057.01	2549	NORTH BEND RD	HEBRON	KY	41048						28
036.00-00-057.02			HEBRON	KY	41048	YACOUB NIDAL K	PO BOX 6969	SYRACUSE	NY	13217	23



Figure No.

1

Title

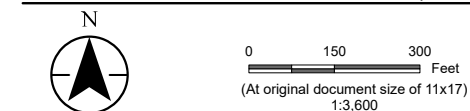
Hebron to Oakbrook New Line Preferred Route - CPCN Refiling Mailing List Parcel Key

Client/Project
 Duke Energy Kentucky
 Hebron to Oakbrook 138 kV Transmission Line Project

193708666

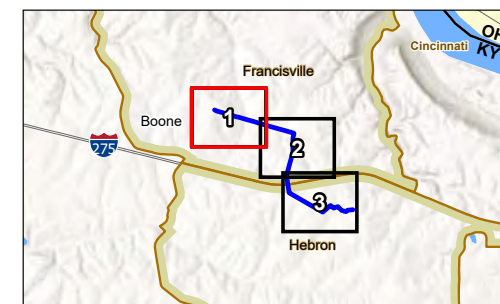
Project Location
 Boone Co., Kentucky

Prepared by PM on 2023-06-29
 TR by SR on 2023-06-30
 IR by TR on 2023-07-03



Legend

- Duke-owned Existing Substation
- Duke-owned Existing 69 kV Transmission Line
- Duke-owned Existing 138 kV Transmission Line
- Foreign Owned Existing Transmission Line
- Hebron to Oakbrook Preferred Route Centerline
- Proposed 100-foot ROW
- Preferred Route Centerline 100ft Buffer
- Parcels within 100 feet of Centerline
- Parcel Boundary



Notes
 1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
 2. Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, USFWS
 3. Background: Esri World Imagery



V:\1937\Active\193708666\03_data\gis_cad\gis\mxd\CPCN\193708666_Hebron_to_Oakbrook_CPCN_REFILING.aprx Revised: 2023-07-10 By: jmiekle

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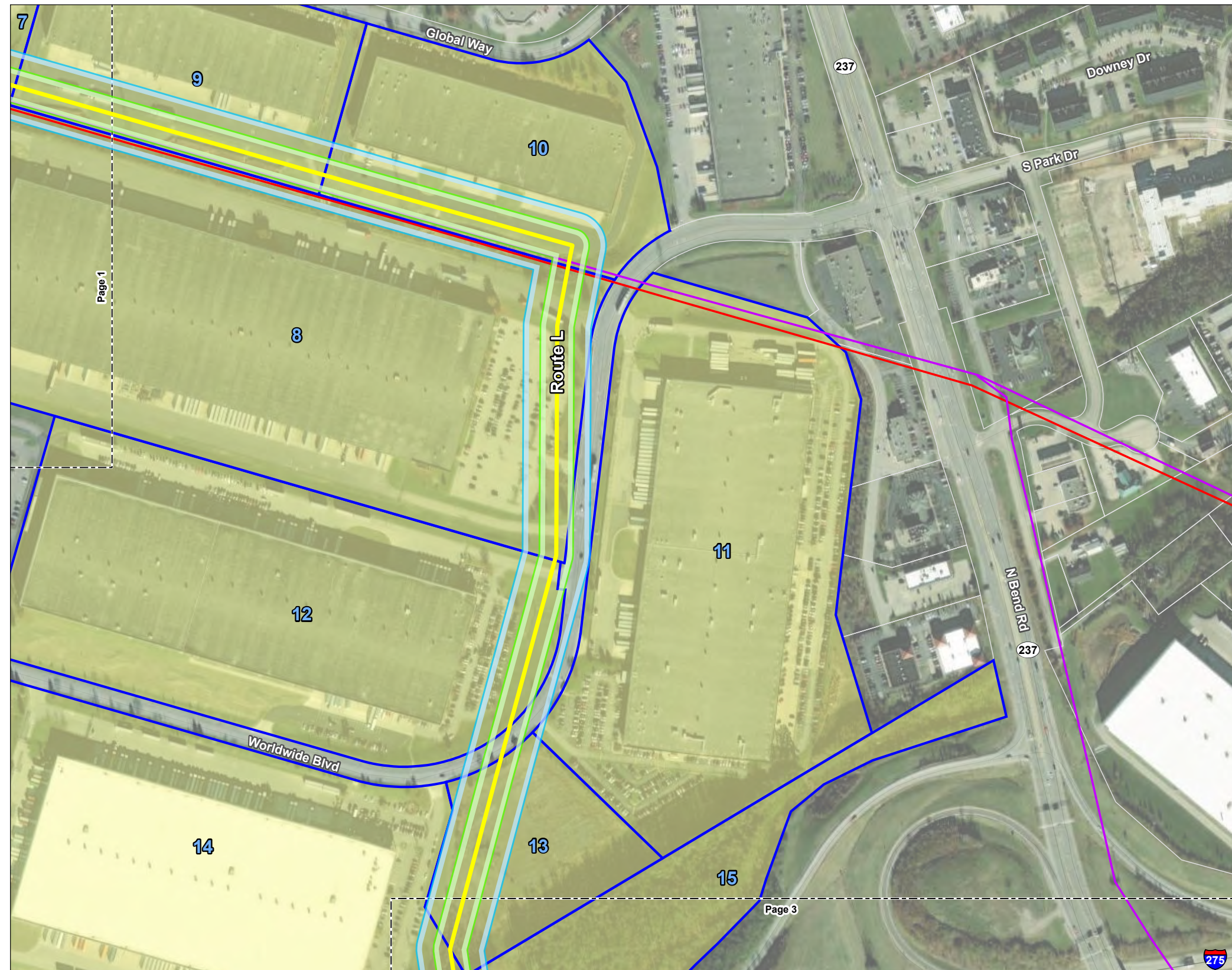
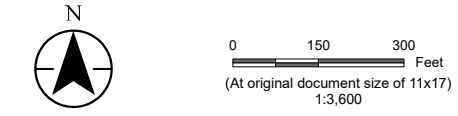


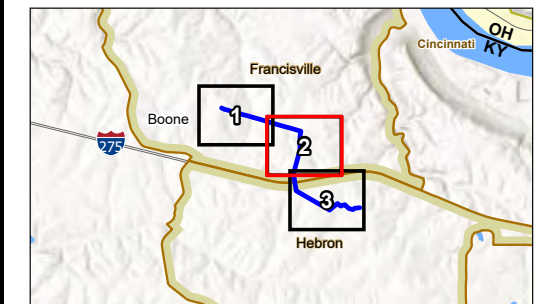
Figure No. 1
Hebron to Oakbrook New Line Preferred Route - CPCN Refiling Mailing List Parcel Key

Client/Project: Duke Energy Kentucky
 Hebron to Oakbrook 138 kV Transmission Line Project

Project Location: Boone Co., Kentucky
 Prepared by PM on 2023-06-29
 TR by SR on 2023-06-30
 IR by TR on 2023-07-03



- Legend**
- Duke-owned Existing Substation
 - Duke-owned Existing 69 kV Transmission Line
 - Duke-owned Existing 138 kV Transmission Line
 - Foreign Owned Existing Transmission Line
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 3. Background: Esri World Imagery



V:\11837\Active\193708666\03_data\gis_cad\gis\mxd\CPCN193708666_Hebron_to_Oakbrook_CPCN_REFILING.aprx Revised: 2023-07-10 By: jmiekle

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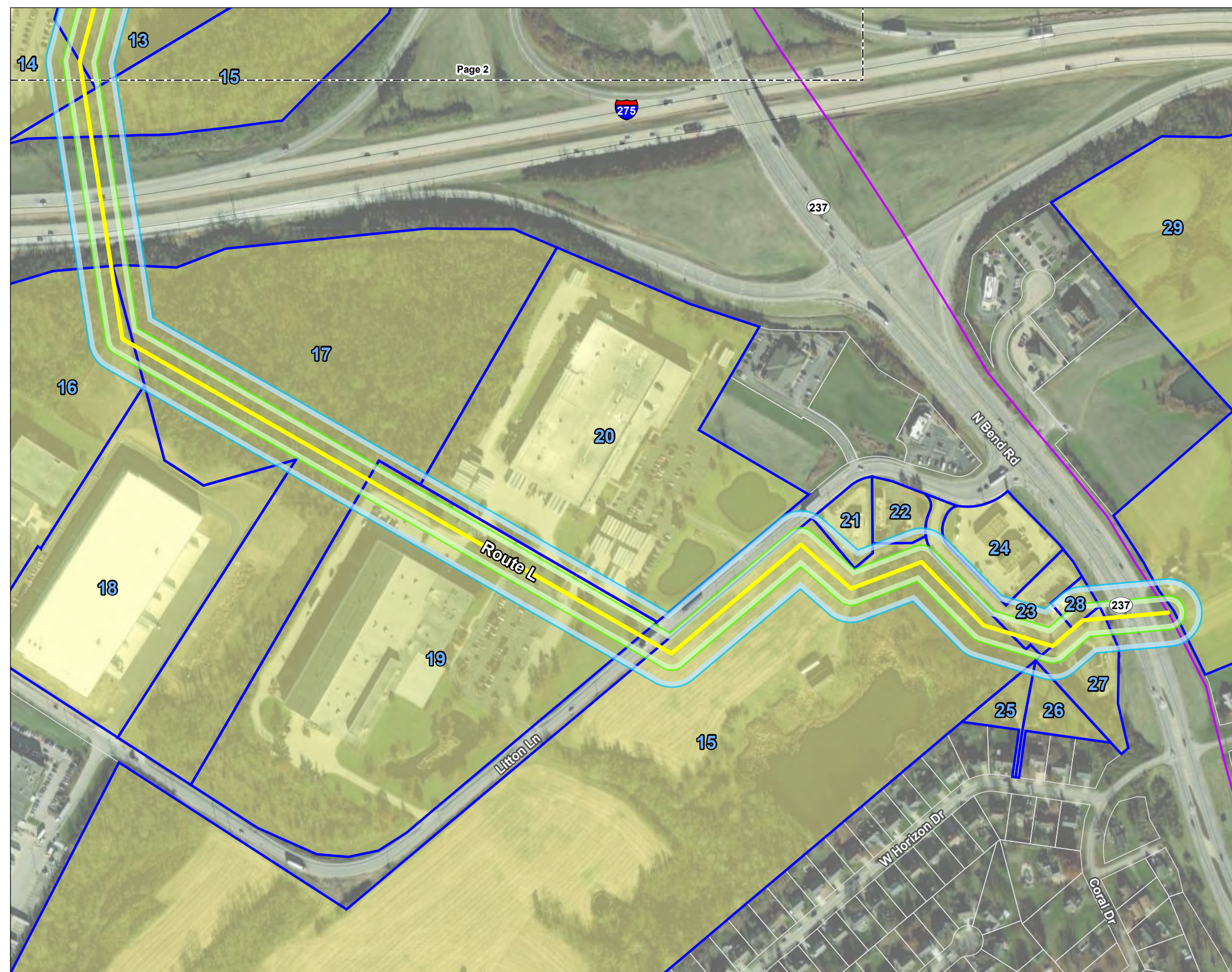
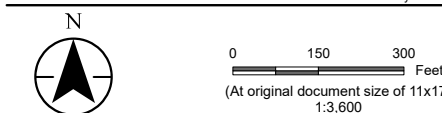


Figure No.
1
Title
Hebron to Oakbrook New Line Preferred Route - CPCN Refiling Mailing List Parcel Key

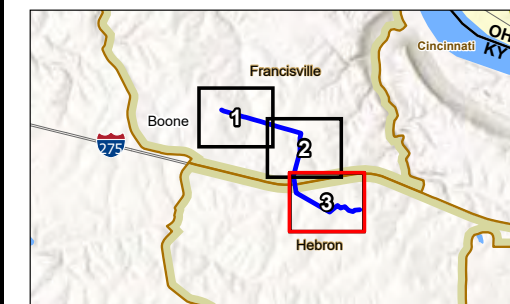
Client/Project
 Duke Energy Kentucky
 Hebron to Oakbrook 138 kV Transmission Line Project

Project Location
 Boone Co., Kentucky

193708666
 Prepared by PM on 2023-06-29
 TR by SR on 2023-06-30
 IR by TR on 2023-07-03



- Legend**
- Duke-owned Existing Substation
 - Duke-owned Existing 69 kV Transmission Line
 - Duke-owned Existing 138 kV Transmission Line
 - Foreign Owned Existing Transmission Line
 - Hebron to Oakbrook Preferred Route Centerline
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 3. Background: Esri World Imagery



V:\1837\Active\193708666\193708666\CPCN\REFILING\193708666_Hebron_to_Oakbrook_CPCN_REFILING.aprx Revised: 2023-07-10 By: jmiekle

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Hebron to Oakbrook Certified Mail Return Slips

Mailed on 7/18/23

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY		SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery FT 276 8/11/23</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>		<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery Cassidy Fyffe </p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
1. Article Addressed to: BCI IV HEBRON LC LLC 518 17TH ST 17TH FLOOR DENVER, CO 80202		1. Article Addressed to: NIDAL K YACOUB PO BOX 6969 SYRACUSE, NY 13217		1. Article Addressed to: NIDAL K YACOUB PO BOX 6969 SYRACUSE, NY 13217		1. Article Addressed to: NIDAL K YACOUB PO BOX 6969 SYRACUSE, NY 13217	
<p>9590 9402 8077 2349 8398 80</p>		<p>9590 9402 7772 2152 4004 52</p>		<p>9590 9402 7772 2152 4004 52</p>		<p>9590 9402 7772 2152 4004 52</p>	
2. Article Number (Transfer from service label) 7022 2410 0001 9811 4754		2. Article Number (Transfer from service label) 7022 2410 0001 9811 4556		2. Article Number (Transfer from service label) 7022 2410 0001 9811 4556		2. Article Number (Transfer from service label) 7022 2410 0001 9811 4556	
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery C-19 8/10/23</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>		<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery JAMES CHAPMAN 8/12/23</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
1. Article Addressed to: DCT/SPF PARK WEST LLC 1800 WAZEE ST #500 DENVER, CO 80202		1. Article Addressed to: DUKE ENERGY KENTUCKY INC 550 S TYRON ST DEC 44P CHARLOTTE, NC 28202		1. Article Addressed to: DUKE ENERGY KENTUCKY INC 550 S TYRON ST DEC 44P CHARLOTTE, NC 28202		1. Article Addressed to: DUKE ENERGY KENTUCKY INC 550 S TYRON ST DEC 44P CHARLOTTE, NC 28202	
<p>9590 9402 8077 2349 8394 08</p>		<p>9590 9402 8077 2349 8393 85</p>		<p>9590 9402 8077 2349 8393 85</p>		<p>9590 9402 8077 2349 8393 85</p>	
2. Article Number (Transfer from service label) 7022 2410 0001 9811 4914		2. Article Number (Transfer from service label) 7022 2410 0001 9811 4884		2. Article Number (Transfer from service label) 7022 2410 0001 9811 4884		2. Article Number (Transfer from service label) 7022 2410 0001 9811 4884	
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt	

Hebron to Oakbrook Certified Mail Return Slips

Mailed on 7/18/23

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee <i>Susan Falls</i></p> <p>B. Received by (Printed Name) <i>Susan Falls</i></p> <p>C. Date of Delivery <i>7/22</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee <i>Krista West</i></p> <p>B. Received by (Printed Name) <i>Krista West</i></p> <p>C. Date of Delivery <i>7-21-23</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>CINCINNATI MACHINE LLC 2200 LITTON LN HEBRON, KY 41048</p>		<p>1. Article Addressed to:</p> <p>BROADSTONE KBC PORTFOLIO LLC 4760 PADDOCK RD CINCINNATI, OH 45229</p>	
<p>9590 9402 8077 2349 8393 54</p>	<p>3. Service Type</p> <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)	<p>9590 9402 8077 2349 8398 97</p>	<p>3. Service Type</p> <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)
<p>2. Article Number (Transfer from service label)</p> <p>7022 2410 0001 9811 4853</p>		<p>2. Article Number (Transfer from service label)</p> <p>7022 2410 0001 9811 4785</p>	

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee <i>Alice Hess</i></p> <p>B. Received by (Printed Name) <i>Alice Hess</i></p> <p>C. Date of Delivery <i>7/22</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee <i>A. Wenzel</i></p> <p>B. Received by (Printed Name) <i>A. Wenzel</i></p> <p>C. Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>CHRISTOPHER W & AMANDA L HESS 2030 WEST HORIZON DR HEBRON, KY 41048</p>		<p>1. Article Addressed to:</p> <p>LITTON LANE LLC 18W140 BUTTERFIELD RD SUITE 750 OAKBROOK TERRACE, IL 60181</p>	
<p>9590 9402 7595 2098 8419 54</p>	<p>3. Service Type</p> <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)	<p>9590 9402 8077 2349 8399 96</p>	<p>3. Service Type</p> <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)
<p>2. Article Number (Transfer from service label)</p> <p>7022 2410 0001 9811 4723</p>		<p>2. Article Number (Transfer from service label)</p> <p>7022 2410 0001 9811 4839</p>	

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

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<p>Complete items 1, 2, and 3.</p> <p>Print your name and address on the reverse so that we can return the card to you.</p> <p>Attach this card to the back of the mailpiece, or on the front if space permits.</p>	<p>A. Signature <i>[Handwritten Signature]</i></p> <p>B. Received by (Printed Name) <i>[Handwritten Name]</i></p> <p>C. Date of Delivery <i>[Handwritten Date]</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	<p>Complete items 1, 2, and 3.</p> <p>Print your name and address on the reverse so that we can return the card to you.</p> <p>Attach this card to the back of the mailpiece, or on the front if space permits.</p>	<p>A. Signature <i>[Handwritten Signature]</i></p> <p>B. Received by (Printed Name) <i>[Handwritten Name]</i></p> <p>C. Date of Delivery <i>[Handwritten Date]</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>SPEEDWAY LLC 539 S MAIN ST FINDLAY, OH 45840</p>	<p>3. Service Type</p> <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500) <p><input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	<p>1. Article Addressed to:</p> <p>DCT PARK WEST LLC IDI SERVICES GROUP 1800 WAZEE ST DENVER, CO 80202</p>	<p>3. Service Type</p> <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500) <p><input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 2410 0001 9811 4730</p>		<p>2. Article Number (Transfer from service label)</p> <p>7022 2410 0001 9811 4952</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<p>Complete items 1, 2, and 3.</p> <p>Print your name and address on the reverse so that we can return the card to you.</p> <p>Attach this card to the back of the mailpiece, or on the front if space permits.</p>	<p>A. Signature <i>[Handwritten Signature]</i></p> <p>B. Received by (Printed Name) <i>[Handwritten Name]</i></p> <p>C. Date of Delivery <i>[Handwritten Date]</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	<p>Complete items 1, 2, and 3.</p> <p>Print your name and address on the reverse so that we can return the card to you.</p> <p>Attach this card to the back of the mailpiece, or on the front if space permits.</p>	<p>A. Signature <i>[Handwritten Signature]</i></p> <p>B. Received by (Printed Name) <i>[Handwritten Name]</i></p> <p>C. Date of Delivery <i>[Handwritten Date]</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>FARM MEMORIES LLC 2123 GRAVES RD HEBRON, KY 41048</p>	<p>3. Service Type</p> <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500) <p><input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	<p>1. Article Addressed to:</p> <p>MELVIN R MCGLASSON LIVING TRUST 1856 PERRY LN BURLINGTON, KY 41005</p>	<p>3. Service Type</p> <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500) <p><input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 2410 0001 9811 4891</p>		<p>2. Article Number (Transfer from service label)</p> <p>7022 2410 0001 9811 4938</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt	

Hebron to Oakbrook Certified Mail Return Slips

Mailed on 7/18/23

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY		SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i></p> <p>B. Received by (Printed Name) <i>[Signature]</i> C. Date of Delivery <i>7/18/23</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>		<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i></p> <p>B. Received by (Printed Name) <i>Sam Hedge</i> C. Date of Delivery <i>07-18-23</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
1. Article Addressed to: MELVIN MCGLASSON 2538 NORTH BEND RD HEBRON, KY 41048				1. Article Addressed to: EAST KENTUCKY POWER COOPERATIVE INC 4775 LEXINGTON RD WINCHESTER, KY 40391			
<p>9590 9402 7772 2152 4007 04</p>		3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)		<input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Signature Confirmation Restricted Delivery		<p>9590 9402 8077 2349 8399 10</p>	
2. Article Number (Transfer from service label) 7022 2410 0001 9811 4587				2. Article Number (Transfer from service label) 7022 2410 0001 9811 4761			
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt	

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY		SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i></p> <p>B. Received by (Printed Name) C. Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>		<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i></p> <p>B. Received by (Printed Name) C. Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
1. Article Addressed to: SPEEDWAY LLC 2075-2077 LITTON LN HEBRON, KY 41048				1. Article Addressed to: BCORE FOREST LOGISTICS KY OWNER LLC PO BOX A-3879 CHICAGO, IL 60690			
<p>9590 9402 7772 2152 4004 69</p>		3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)		<input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Signature Confirmation Restricted Delivery		<p>9590 9402 7772 2152 4006 98</p>	
2. Article Number (Transfer from service label) 7022 2410 0001 9811 4563				2. Article Number (Transfer from service label) 7022 2410 0001 9811 4594			
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt	

Hebron to Oakbrook Certified Mail Return Slips

Mailed on 7/18/23

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY		SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>Joyce Graves</i> <input type="checkbox"/> Agent <input type="checkbox"/> Address</p> <p>B. Received by (Printed Name) JOYCE GRAVES</p> <p>C. Date of Delivery JUL 21 2023</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>		<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>Tristan Sandler</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) Tristan Sandler</p> <p>C. Date of Delivery 7/21/23</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
1. Article Addressed to: FARM MEMORIES LLC 2093 GRAVES RD HEBRON, KY 41048		3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)		1. Article Addressed to: AIRPORT CENTER LLC 281 POINT TOWNSHIP DR NORTHUMBERLAND, PA 17857		3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)	
2. Article Number (Transfer from service label) 9590 9402 7589 2098 3052 40 7022 2410 0001 9809 4803		2. Article Number (Transfer from service label) 9590 9402 8077 2349 8393 30 7022 2410 0001 9811 4877		2. Article Number (Transfer from service label) 9590 9402 7589 2098 3052 33 7022 2410 0001 9811 4662		2. Article Number (Transfer from service label) 9590 9402 7589 2098 3052 11 7022 2410 0001 9811 4570	
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt	

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<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>John R Foote</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) HELD</p> <p>C. Date of Delivery 7/20/23</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>		<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>John R Foote</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) HELD</p> <p>C. Date of Delivery 7/20</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
1. Article Addressed to: HEBRON LAND COMPANY LLC 45 FAIRFIELD AVE SUITE 200 BELLEVUE, KY 41073		3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)		1. Article Addressed to: JOHN R FOOTE JR 2032 WEST HORIZON DR HEBRON, KY 41048		3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)	
2. Article Number (Transfer from service label) 9590 9402 7772 2152 4007 11 7022 2410 0001 9811 4570		2. Article Number (Transfer from service label) 9590 9402 7589 2098 3052 33 7022 2410 0001 9811 4662		2. Article Number (Transfer from service label) 9590 9402 7589 2098 3052 11 7022 2410 0001 9811 4570		2. Article Number (Transfer from service label) 9590 9402 7589 2098 3052 11 7022 2410 0001 9811 4570	
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt	



July 18, 2023

<<Recipient Name>>

<<Mailing Address>>

<<City, ST ZIP>>

Project Reference: Update about the Limaburg to Oakbrook Reliability Project, Notice of Proposed Electric Transmission Line Construction Project

Dear Property Owner:

Duke Energy Kentucky, Inc., (Duke Energy) notified select property owners in November 2022 about the proposed rebuild of an existing electric transmission line in Boone County. This project is referred to as the Limaburg to Oakbrook Reliability Project. We are refileing this application following direction from the Kentucky Public Service Commission. The need and description of the project – as well as the engineering – have not changed from our initial filing last fall, but the project is assigned a new case number.

This project involves rebuilding an existing 1.5-mile section of a 69-kV transmission line and its associated equipment from Limaburg Substation along Limaburg Road in Hebron, Ky., to Burlington Pike in Burlington, Ky. Part of this project involves building a new transmission line starting from Hebron Substation at 2139 Graves Road, in Hebron, Ky., to Route 237.

You are receiving this notice because county property records indicate either the proposed transmission line right-of-way crosses your property, or you own property within the filing corridor.

1. The rebuild of an existing 69-kV transmission line between the Limaburg Substation and Burlington Pike involves the following work:
 - Rebuilding of 1.5 miles of an existing transmission line with capacity for 138-kV but will initially be operated at 69-kV.
 - The rebuilt transmission line will be supported by approximately 54 steel poles with an average above-ground height of 80-100 feet.
 - The distance between poles will run an average of 100 to 300 feet.
 - Additional right-of-way may be required for guy wires and will be determined during the engineering phase of the transmission line.

The project is now described as Case No. 2023-00239 on the Kentucky Public Service Commission's website at <https://psc.ky.gov/Case/ViewCaseFilings/2023-00239>.

2. Enclosed is a map that shows the route of the proposed transmission line rebuild.

3. The Kentucky Public Service Commission will process Duke Energy's application under Case No. 2023-00239.

Contact information for the Executive Director of the Kentucky Public Service Commission:

Linda Bridwell, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, KY 40602
502.564-3940
800.772.4636

Duke Energy anticipates re-filing its application with the Kentucky Public Service Commission on or after August 14, 2023. The application when filed may be viewed under Case No. 2023-00239 on the commission's website at <https://psc.ky.gov/Case/ViewCaseFilings/2023-00239>.

4. You have the right to submit a timely written request for intervention in Case No. 2023-00239. The motion must be submitted to the Kentucky Public Service Commission, 211 Sower Boulevard, Frankfort, KY 40602, and must establish the grounds for your request to intervene, including your status and the nature of your interest in the proceeding. Please see 807 KAR 5:001, Section 4 (11) at <http://kyrules.elaws.us/rule/807kar5:001> for additional information regarding the requirements and procedure for requesting intervention. 807 KAR 5:001, Section 4(11) may be accessed at <http://kyrules.elaws.us/rule/807kar5:001>.

If no request for intervention is received within 30 days of the filing of the application, the Kentucky Public Service Commission may take final action on the application. The request for intervention should reference Case No. 2023-00239.

5. You also have the right to request a local public hearing regarding the application and the proposed 69-kV transmission line and related work. The requirements for requesting a local public hearing are described in 807 KAR 5:120, Section 3. See <http://kyrules.elaws.us/rule/807kar5:120> for additional information.

6. Written comments may also be filed at the above address, or by sending an email to the commission's public information officer at psc.info@ky.gov. The comments should reference Case No. 2023-00239.

7. Project updates may also be found on the Duke Energy Project website at duke-energy.com/hebron.

Sincerely,
Duke Energy

<<Parcel No.(s)>>



Title
Rebuild Section






Client/Project
Hebron to Oakbrook
138 kV Transmission Line Project

Project Location
Boone County,
Kentucky



0 600 1,200 Feet
(At original document size of 8.5x11)
1:15,000

Legend

-  Duke-owned Existing Substation
-  Duke-owned Existing 69 kV Transmission Line
-  Duke-owned Existing 138 kV Transmission Line
-  Rebuild Section
-  Parcel Boundary



Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
2. Data Sources: Duke Energy, Stantec, USGS, NADS
3. Background: Esri World Imagery

Parcel PIN(s)	Situs Number	Situs Street	Situs City	Situs State	Situs Zip	Mailing Owner	Mail Address	Mail City	Mail State	Mail Zip	OLD Duke ID(s)	NEW Duke ID(s)
048.00-06-001.00	4796	LIMABURG RD	HEBRON	KY	41048	FAITHFUL FRIENDS PET CREMATORY LLC	4796 LIMABURG RD	HEBRON	KY	41048	44	1
048.00-00-092.00	4826-4910	LIMABURG RD	BURLINGTON	KY	41005	MID VALLEY PIPELINE	1900 DALROCK RD	ROWLETT	TX	75088	1	2
048.00-00-079.00	4827	LIMABURG RD	BURLINGTON	KY	41005	HILLMAN KEVIN B & LISA S	4827 LIMABURG RD	BURLINGTON	KY	41005	45	3
048.00-00-089.00	4847	LIMABURG RD	BURLINGTON	KY	41005	DE MOISEY VIRGINIA D	4847 LIMABURG RD	BURLINGTON	KY	41005	46	4
048.00-00-091.02	4907	LIMABURG RD	BURLINGTON	KY	41005	DELPH DANNY S	4907 LIMABURG RD	BURLINGTON	KY	41005	49	7
048.00-00-091.01	4929	LIMABURG RD	BURLINGTON	KY	41005	DRDD FAMILY TRUST	2179 WILLIAMS RD	HEBRON	KY	41048	2	8
048.00-00-095.00	4965	LIMABURG RD	BURLINGTON	KY	41005	MCRATH DAWN M	4965 LIMABURG RD	BURLINGTON	KY	41005	3	9
048.00-00-096.00	5019	LIMABURG RD	BURLINGTON	KY	41005	FUGATE EMMA J	5019 LIMABURG RD	BURLINGTON	KY	41005	6	12
048.00-00-097.00	5039	LIMABURG RD	BURLINGTON	KY	41005	SMITH JUANITA	5039 LIMABURG RD	BURLINGTON	KY	41005	7	13
048.00-00-098.00	5057	LIMABURG RD	BURLINGTON	KY	41005	REVES GILBERT & RUBY	5057 LIMABURG RD	BURLINGTON	KY	41005	8	14
049.00-01-001.00	5065	LIMABURG RD	BURLINGTON	KY	41005	GOETZ PHILIP G	5065 LIMABURG RD	BURLINGTON	KY	41005	9	15
049.00-01-002.00	5071	LIMABURG RD	BURLINGTON	KY	41005	WILLOUGHBY TRACIE M	1813 PEARL ST APT 1	COVINGTON	KY	41014	10	16
049.00-01-003.00	5077	LIMABURG RD	BURLINGTON	KY	41005	KLEIN DONNA M	5077 LIMABURG RD	BURLINGTON	KY	41005	11	17
049.00-01-006.00	5115	LIMABURG RD	BURLINGTON	KY	41005	WILLOUGHBY CARL RAY SR & MARY E	5115 LIMABURG RD	BURLINGTON	KY	41005	12	18
049.00-01-007.00	5127	LIMABURG RD	BURLINGTON	KY	41005	PIERSON GREGORY W	5127 LIMABURG RD	BURLINGTON	KY	41005	13	20
049.00-03-027.00			BURLINGTON	KY	41005	HICKS FLOYD AND MAXINE TRUSTEES OF T	1729 PIONEER BLVD	BURLINGTON	KY	41005	14	21
049.00-03-025.00	5147	LIMABURG RD	BURLINGTON	KY	41005	HUNT CRAIG D & SALLY J	5147 LIMABURG RD	BURLINGTON	KY	41005	15	22
049.00-03-022.00	5159	LIMABURG RD	BURLINGTON	KY	41005	THIEL DREW B	5159 LIMABURG RD	BURLINGTON	KY	41005	16	25
049.00-03-020.00	5183	LIMABURG RD	BURLINGTON	KY	41005	GROSS TODD E	7645 PLOW SHARE CT	FLORENCE	KY	41042	17	26
049.00-03-016.00	5207	LIMABURG RD	BURLINGTON	KY	41005	RODGERS KELLY	5207 LIMABURG RD	BURLINGTON	KY	41005	18	28
049.00-03-015.00	1710	HARVEST CT	BURLINGTON	KY	41005	FINKENSTEDT DAVID F	1710 HARVEST CT	BURLINGTON	KY	41005	19	30
049.00-18-001.00	1724	TIMBER LN	BURLINGTON	KY	41005	VALENTINE DON C & CAROLE R	1724 TIMBER LN	BURLINGTON	KY	41005	20	32
049.00-18-041.00	1723	TIMBER LN	BURLINGTON	KY	41005	BLACKBURN GAYLE L AND BEVERLY	1723 TIMBER LN	BURLINGTON	KY	41005	21	33
049.00-00-009.10	5320	LIMABURG RD	BURLINGTON	KY	41005	CRAWFORD MARK D	5320 LIMABURG RD	BURLINGTON	KY	41005	22	34
049.00-18-042.00	5327	LIMABURG RD	BURLINGTON	KY	41005	GOLDMAN USA INC	22 HILCREST RD	GREAT NECK	NY	11021	56	35
049.00-00-010.00	5340	LIMABURG RD	BURLINGTON	KY	41005	SCHWARTZ BRIAN S & KEMPER ALICIA B	5340 LIMABURG RD	BURLINGTON	KY	41005	23	38
049.00-00-011.00	5360	LIMABURG RD	BURLINGTON	KY	41005	WOLFE CHARLES S & CHERIE	5360 LIMABURG RD	BURLINGTON	KY	41005	24	39
049.00-00-012.00	5372	LIMABURG RD	BURLINGTON	KY	41005	HOGAN PATRICIA A REVOCABLE TRUST	2267 VISTA CT	HEBRON	KY	41048	25	40
049.00-00-013.00	5390	LIMABURG RD	BURLINGTON	KY	41005	SKAS PROPERTIES LLC	961 WHIRLAWAY DR	UNION	KY	41091	26	41
049.00-00-008.00	1911	GOLF CLUB DR	BURLINGTON	KY	41005	NORSELAND LLC	317 COUNTRY CLUB DR	BUTLER	KY	41006	60	43
049.00-00-014.00	5420	LIMABURG RD	BURLINGTON	KY	41005	STAHL DARRELL & BETHANY	4376 BELLEVIEW RD	PETERSBURG	KY	41080	27	44
049.00-00-016.00	5460-5468	LIMABURG RD	BURLINGTON	KY	41005	CPRE TP BOONE LIMABURG LLC	250 W COURT ST STE 200E	CINCINNATI	OH	45202	28	45
049.00-00-015.00	5459	LIMABURG RD	BURLINGTON	KY	41005	EHLINGER ROBERT J & TERESA A	5459 LIMABURG RD	BURLINGTON	KY	41005	61	46
049.00-16-000.00			BURLINGTON	KY	41005						29	49
049.00-16-002.04	1681	VAL COURT DR	BURLINGTON	KY	41005	SCHATTSCHNEIDER BRANDIAN	1681 VAL COURT DR	BURLINGTON	KY	41005	66	50
049.00-16-002.03	1679	VAL COURT DR	BURLINGTON	KY	41005	RHODES IVY	1679 VAL COURT DR	BURLINGTON	KY	41005	65	51
049.00-16-002.02	1677	VAL COURT DR	BURLINGTON	KY	41005	KUNKA FAMILY LIVING TRUST	1677 VAL COURT DR	BURLINGTON	KY	41005	64	52
049.00-00-017.00	5519-5537	LIMABURG RD	BURLINGTON	KY	41005	HAYFIELD PARK APTS #232100 EPIRIAN P	40 WALL ST 60TH FLOOR	NEW YORK	NY	10005	30	53
049.00-00-017.02	5559-5565	LIMABURG RD	BURLINGTON	KY	41005	K AND T DEVELOPMENT LLC	2529 RITCHIE AVE	CRESCENT SPRINGS	KY	41017	31	54
049.00-20-001.00	1735-1881	TANGLEWOOD CT	BURLINGTON	KY	41005	SKY HARBOR LLC	PO BOX 961009	FT WORTH	TX	76161	32	55
049.00-10-001.00	5578-5582	LIMABURG RD	BURLINGTON	KY	41005	WOLFE WOLFE PROPERTIES LLC	5578 LIMABURG RD	BURLINGTON	KY	41005	67	56
049.00-00-018.00	5613	LIMABURG RD	BURLINGTON	KY	41005	RYLE ELDON W & CLARA M TRUST	5613 LIMABURG RD	BURLINGTON	KY	41005	33	57
049.00-00-019.00	5637	LIMABURG RD	BURLINGTON	KY	41005	YARD DESIGNS, LLC	5637 LIMABURG RD	BURLINGTON	KY	41005	34	58
049.00-10-017.00		(PARCEL HAS ADDRESSES OFF OF MULTIPLE STREETS)	BURLINGTON	KY	41005	ROBERTSON JOHN	PO BOX 837	BURLINGTON	KY	41005	68	59
049.00-00-024.00	5853	LIMABURG RD	BURLINGTON	KY	41005	MCCARTHY PAUL T & BELINDA G	5853 LIMABURG RD	BURLINGTON	KY	41005	39	67
049.00-00-021.01	1675	PRODUCTION DR	BURLINGTON	KY	41005	A M S TIRE REALTY LTD	4175 MUHLHAUSER RD	FAIRFIELD	OH	45014	40	68
049.00-00-025.00	5826	LIMABURG RD	BURLINGTON	KY	41005	CASTEEL GEORGE	2610 SECOND CREEK	PETERSBURG	KY	41080	72	69
049.00-00-027.01	5856-5880	LIMABURG RD	BURLINGTON	KY	41005	ELLIOTT GARY L	1383 GARDEN RD	WESTON	FL	33326	73	71
049.00-00-023.01	5941	LIMABURG RD	BURLINGTON	KY	41005	CRESSCO LLC	7159 PLEASANT VALLEY RD	FLORENCE	KY	41042	43	74
049.00-00-028.00	5950	LIMABURG RD	BURLINGTON	KY	41005	PATEL BHAVIN V	9159 ARMISTEAD CT	UNION	KY	41091	76	76
049.00-31-002.00	1720	WILDCAT BLVD	BURLINGTON	KY	41005	GM GROUP LLC	1720 WILDCAT BLVD S SUITE 110B	BURLINGTON	KY	41005	78	77
049.00-00-044.01			FLORENCE	KY	41042	OTHMAN AKRAM	2306 KENYON CT	HEBRON	KY	41048	79	78
048.00-00-095.01	4999	LIMABURG RD	BURLINGTON	KY	41005						5	11
048.00-00-095.02	4977	LIMABURG RD	BURLINGTON	KY	41005	KLOENTRUP JEREMY	6322 REMINGTON COVE	BURLINGTON	KY	41005	4	10
049.00-00-007.01			BURLINGTON	KY	41005						53	27
049.00-00-006.01	5184	LIMABURG RD	BURLINGTON	KY	41005						52	24
049.00-00-007.00			BURLINGTON	KY	41005						50	19
049.00-00-005.00			BURLINGTON	KY	41005	SKILCRAFT ACQUISITION LLC	5184 LIMABURG RD	BURLINGTON	KY	41005	51	23
049.00-00-009.04			BURLINGTON	KY	41005						55	31
049.00-00-009.02	5226	LIMABURG RD	BURLINGTON	KY	41005	ANDERSON RONALD G & JANET	5226 LIMABURG RD	BURLINGTON	KY	41005	54	29
049.00-18-043.00			BURLINGTON	KY	41005						57	36
049.00-18-044.00	5353	LIMABURG RD	BURLINGTON	KY	41005						58	37
049.00-00-008.05			BURLINGTON	KY	41005	JOYCE MICHAEL J	5353 LIMABURG RD	BURLINGTON	KY	41005	59	42
049.00-15-000.01			BURLINGTON	KY	41005						62	47
049.00-15-000.02			BURLINGTON	KY	41005	VAL COURT TOWNHOMES HOMEOWNERS C/O A	P O BOX 36305	CINCINNATI	OH	45236	63	48
048.00-00-091.00			BURLINGTON	KY	41005						48	6
048.00-00-090.00	4865	LIMABURG RD	BURLINGTON	KY	41005	O HEAREN TIMOTHY P	4865 LIMABURG RD	BURLINGTON	KY	41005	47	5

049.00-00-020.00	5659	LIMABURG RD	BURLINGTON	KY	41005						35	60
049.00-00-023.00	5719	LIMABURG RD	BURLINGTON	KY	41005						38	66
049.00-00-048.11	5719	LIMABURG RD	BURLINGTON	KY	41005	LIMABURG PROPERTIES LLC	5719 LIMABURG RD	BURLINGTON	KY	41005	37	63
049.00-10-011.01			BURLINGTON	KY	41005						69	62
049.00-10-014.00	5660	LIMABURG RD	BURLINGTON	KY	41005	PRECISION CONSTRUCTION CORP	6705 SNEAD LN	FLORENCE	KY	41042	36	61
049.00-10-011.00	5734-5740	LIMABURG RD	BURLINGTON	KY	41005						70	64
049.00-10-008.00	5750-5756	LIMABURG RD	BURLINGTON	KY	41005	DAL PROPERTIES LLC	1880 STAHL RD	HEBRON	KY	41048	71	65
049.00-00-023.04			BURLINGTON	KY	41005						41	70
049.00-00-023.03	5923	LIMABURG RD	BURLINGTON	KY	41005	MAXWELL WAYNE C	5923 LIMABURG RD	BURLINGTON	KY	41005	42	72
049.00-00-027.00	5926	LIMABURG RD	BURLINGTON	KY	41005						74	73
049.00-00-026.00	5940	LIMABURG RD	BURLINGTON	KY	41005	JHNKB PROPERTY MANAGEMENT LLC	2608 LEGACY RDG	FLORENCE	KY	41042	75	75



Figure No.

2

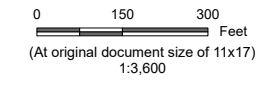
Title

**Hebron to Oakbrook Rebuild Section -
CPCN Refiling Mailing List Parcel Key**

Client/Project
Duke Energy Kentucky
Hebron to Oakbrook 138 kV Transmission Line Project

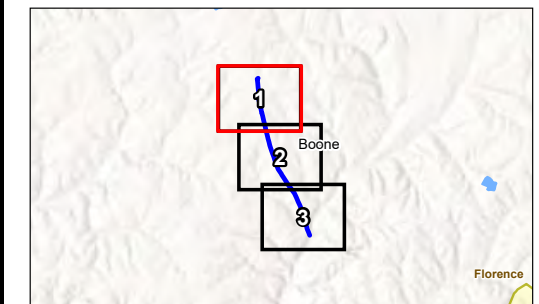
Project Location
Boone Co., Kentucky

193708666
Prepared by PM on 2023-06-29
TR by SR on 2023-06-30
IR by TR on 2023-07-03



Legend

- Duke-owned Existing Substation
- Duke-owned Existing 69 kV Transmission Line
- Duke-owned Existing 138 kV Transmission Line
- Rebuild Section Centerline
- 100-foot ROW
- Rebuild Section Centerline 100ft Buffer
- Parcels within 100 feet of Rebuild Centerline
- Parcel Boundary



Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
2. Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, EKPC
3. Background: Esri World Imagery



V:\1937\Active\193708666\03_data\gis_cad\gis\mxd\CPCN193708666_Hebron_to_Oakbrook_CPCN_REFILING.aprx Revised: 2023-07-11 By: jmelike

Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



Figure No.
2

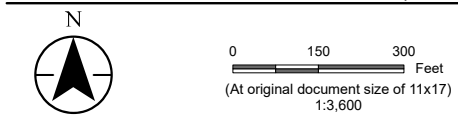
Title
**Hebron to Oakbrook Rebuild Section -
CPCN Refiling Mailing List Parcel Key**

Client/Project
Duke Energy Kentucky
Hebron to Oakbrook 138 kV Transmission Line Project

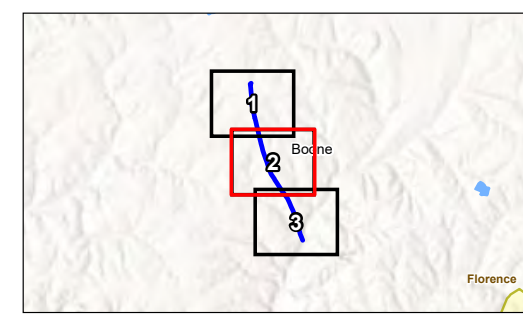
193708666

Project Location
Boone Co., Kentucky

Prepared by PM on 2023-06-29
TR by SR on 2023-06-30
IR by TR on 2023-07-03



- Legend
- Duke-owned Existing Substation
 - Duke-owned Existing 69 kV Transmission Line
 - Duke-owned Existing 138 kV Transmission Line
 - Rebuild Section Centerline
 - 100-foot ROW
 - Rebuild Section Centerline 100ft Buffer
 - Parcels within 100 feet of Rebuild Centerline
 - Parcel Boundary



Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
2. Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, EKPC
3. Background: Esri World Imagery



V:\11837\Active\193708666\03_data\gis_cad\gis\mxd\CPCN193708666_Hebron_to_Oakbrook_CPCN_REFILING.aprx Revised: 2023-07-11 By: jmelike

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Figure No.
2

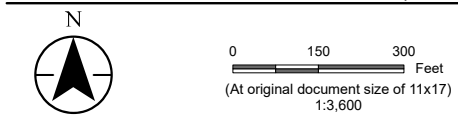
Title
**Hebron to Oakbrook Rebuild Section -
CPCN Refiling Mailing List Parcel Key**

Client/Project
Duke Energy Kentucky
Hebron to Oakbrook 138 kV Transmission Line Project

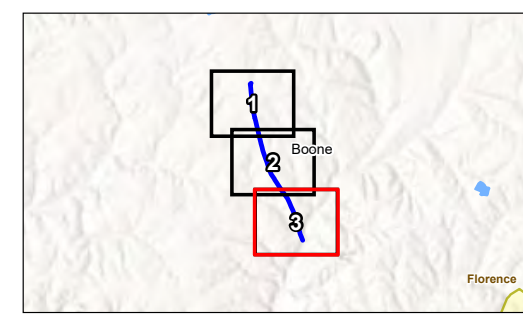
Project Location
Boone Co., Kentucky

193708666

Prepared by PM on 2023-06-29
TR by SR on 2023-06-30
IR by TR on 2023-07-03



- Legend
- Duke-owned Existing Substation
 - Duke-owned Existing 69 kV Transmission Line
 - Duke-owned Existing 138 kV Transmission Line
 - Rebuild Section Centerline
 - 100-foot ROW
 - Rebuild Section Centerline 100ft Buffer
 - Parcels within 100 feet of Rebuild Centerline
 - Parcel Boundary



Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
2. Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, EKPC
3. Background: Esri World Imagery



V:\1937\Active\193708666\03_data\gis_cad\gis\mxd\CPCN193708666_Hebron_to_Oakbrook_CPCN_REFILING.aprx Revised: 2023-07-11 By: jmelike

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Limaburg to Oakbrook Certified Mailing Return Slips

Mailed on 7/18/23

<p>SENDER: COMPLETE THIS SECTION</p> <ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. <p>1. Article Addressed to:</p> <p>DREW B THIEL 5159 LIMABURG RD BURLINGTON, KY 41005</p>  <p>9590 9402 8077 2349 8391 01</p> <p>2. Article Number (Transfer from service label) 7022 2410 0001 9810 7534</p> <p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	<p>COMPLETE THIS SECTION ON DELIVERY</p> <p>A. Signature X <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) Amanda Bailey</p> <p>C. Date of Delivery 7/20</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:</p> <p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery</p>	<p>SENDER: COMPLETE THIS SECTION</p> <ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. <p>1. Article Addressed to:</p> <p>NORSELAND LLC 1911 GOLF CLUB DR BURLINGTON, KY 41005</p>  <p>9590 9402 8077 2349 8396 13</p> <p>2. Article Number (Transfer from service label) 7022 2410 0001 9811 3153</p> <p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	<p>COMPLETE THIS SECTION ON DELIVERY</p> <p>A. Signature X <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) Hanna Lawrence</p> <p>C. Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:</p> <p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery</p>
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<p>SENDER: COMPLETE THIS SECTION</p> <ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. <p>1. Article Addressed to:</p> <p>CRESSCO LLC 7159 PLEASANT VALLEY RD FLORENCE, KY 41042</p>  <p>9590 9402 8077 2349 8390 02</p> <p>2. Article Number (Transfer from service label) 7022 2410 0001 9811 0138</p> <p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	<p>COMPLETE THIS SECTION ON DELIVERY</p> <p>A. Signature X <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)</p> <p>C. Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:</p> <p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery</p>	<p>SENDER: COMPLETE THIS SECTION</p> <ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. <p>1. Article Addressed to:</p> <p>DAVID F FINKENSTEDT 1710 HARVEST CT BURLINGTON, KY 41005</p>  <p>9590 9402 8077 2349 8395 14</p> <p>2. Article Number (Transfer from service label) 7022 2410 0001 9810 7565</p> <p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	<p>COMPLETE THIS SECTION ON DELIVERY</p> <p>A. Signature X <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) DAVID FINKENSTEDT</p> <p>C. Date of Delivery 7/20/23</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:</p> <p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery</p>
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Limaburg to Oakbrook Certified Mailing Return Slips

Mailed on 7/18/23

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> <i>Diana Spillman</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Diana Spillman</i> C. Date of Delivery <i>7-20-23</i></p>	<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery</p>
<p>1. Article Addressed to:</p> <p>JUANITA SMITH 5039 LIMABURG RD BURLINGTON, KY 41005</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	<p>1. Article Addressed to:</p> <p>TODD E GROSS 7645 PLOW SHARE CT FLORENCE, KY 41042</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	<p>9590 9402 8077 2349 8392 00</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	<p>9590 9402 8077 2349 8395 45</p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 2410 0001 9809 4919</p>	<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt</p>	<p>2. Article Number (Transfer from service label)</p> <p>7022 2410 0001 9810 7541</p>	<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt</p>

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> <i>Jackie Herrington</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Jackie Herrington</i> C. Date of Delivery</p>	<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> <i>Brian Schwartz</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Brian Schwartz</i> C. Date of Delivery</p>
<p>1. Article Addressed to:</p> <p>PATRICIA A HOGAN REVOCABLE TRUST 5372 LIMABURG RD BURLINGTON, KY 41005</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	<p>1. Article Addressed to:</p> <p>BRIAN S & KEMPER ALICIA B SCHWARTZ 5340 LIMABURG RD BURLINGTON, KY 41005</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	<p>9590 9402 8077 2349 8396 51</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	<p>9590 9402 8077 2349 8394 53</p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 2410 0001 9811 3115</p>	<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt</p>	<p>2. Article Number (Transfer from service label)</p> <p>7022 2410 0001 9811 3085</p>	<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt</p>

Limaburg to Oakbrook Certified Mailing Return Slips

Mailed on 7/18/23

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY		SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY			
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery <u>7/20</u></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>		<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery <u>7/20</u></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>			
1. Article Addressed to: VIRGINIA D DE MOISEY 4847 LIMABURG RD BURLINGTON, KY 41005		3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery		3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Signature Confirmation Restricted Delivery		1. Article Addressed to: TRACIE M WILLOUGHBY 5071 LIMABURG RD BURLINGTON, KY 41005		3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Signature Confirmation Restricted Delivery	
2. Article Number (Transfer from service label) 9590 9402 8077 2349 8392 62 7022 2410 0001 9809 4858		2. Article Number (Transfer from service label) 9590 9402 8077 2349 8391 63 7022 2410 0001 9809 4957		PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt			

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY		SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY			
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery <u>7-20</u></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>		<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery _____</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>			
1. Article Addressed to: CRAIG D & SALLY J HUNT 5147 LIMABURG RD BURLINGTON, KY 41005		3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery		3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Signature Confirmation Restricted Delivery		1. Article Addressed to: JHNKB PROPERTY MANAGEMENT 2608 LEGACY RDG FLORENCE, KY 41042		3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Signature Confirmation Restricted Delivery	
2. Article Number (Transfer from service label) 9590 9402 8077 2349 8391 18 7022 2410 0001 9810 7527		2. Article Number (Transfer from service label) 9590 9402 7772 2152 4006 29 7022 2410 0001 9811 4464		PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt			

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<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Sheryl Jackson</i></p> <p>C. Date of Delivery <i>7/29</i></p>		<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>119</i></p> <p>C. Date of Delivery <i>7/20</i></p>			
<p>1. Article Addressed to:</p> <p>TODD E GROSS 5183 LIMABURG RD BURLINGTON, KY 41005</p>		<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>		<p>1. Article Addressed to:</p> <p>BHAVIN V PATEL 9159 ARMISTEAD CT UNION, KY 41091</p>		<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>			
<p>2. Article Number (Transfer from service label) 9590 9402 8077 2349 8395 38 7022 2410 0001 9810 7558</p>		<p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery</p>		<p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>		<p>2. Article Number (Transfer from service label) 9590 9402 8077 2349 8389 82 7022 2410 0001 9811 2538</p>		<p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt			

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<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>[Signature]</i></p> <p>C. Date of Delivery <i>7-20-23</i></p>		<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>[Signature]</i></p> <p>C. Date of Delivery <i>7-20-23</i></p>			
<p>1. Article Addressed to:</p> <p>WAYNE C MAXWELL 5923 LIMABURG RD BURLINGTON, KY 41005</p>		<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>		<p>1. Article Addressed to:</p> <p>FAITHFUL FRIENDS PET CREMATORY LLC 4796 LIMABURG RD HEBRON, KY 41048</p>		<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>			
<p>2. Article Number (Transfer from service label) 9590 9402 7772 2152 4006 43 7022 2410 0001 9811 4440</p>		<p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery</p>		<p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>		<p>2. Article Number (Transfer from service label) 9590 9402 8077 2349 8397 74 7022 2410 0001 9809 4810</p>		<p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt			

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<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> <i>Paul McCarthy</i></p>	<p>B. Received by (Printed Name) <i>Paul McCarthy</i></p>	<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> <i>Dawn McGrath</i></p>	<p>B. Received by (Printed Name) <i>D. McGrath</i></p>
<p>1. Article Addressed to:</p> <p>PAUL T & BELINDA G MCCARTHY 5853 LIMABURG RD BURLINGTON, KY 41005</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> If YES, enter delivery address below: <input type="checkbox"/></p>		<p>1. Article Addressed to:</p> <p>DAWN M MCGRATH 4965 LIMABURG RD BURLINGTON, KY 41005</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> If YES, enter delivery address below: <input type="checkbox"/></p>	
<p>2. Article Number (Transfer from service label) 7022 2410 0001 9811 0060</p>	<p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery</p>		<p>2. Article Number (Transfer from service label) 7022 2410 0001 9809 4896</p>	<p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery</p>	

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<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> <i>John Robertson</i></p>	<p>B. Received by (Printed Name) <i>R.S.</i></p>	<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> <i>R.S.</i></p>	<p>B. Received by (Printed Name) <i>R.S.</i></p>
<p>1. Article Addressed to:</p> <p>JOHN ROBERTSON PO BOX 837 BURLINGTON, KY 41005</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> If YES, enter delivery address below: <input type="checkbox"/></p>		<p>1. Article Addressed to:</p> <p>NORSELAND LLC 317 COUNTRY CLUB DR BUTLER, KY 41006</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> If YES, enter delivery address below: <input checked="" type="checkbox"/></p>	
<p>2. Article Number (Transfer from service label) 7022 2410 0001 9811 0053</p>	<p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery</p>		<p>2. Article Number (Transfer from service label) 7022 2410 0001 9811 3146</p>	<p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery</p>	

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<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>Pamela Morris</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Pamela Morris</i></p> <p>C. Date of Delivery <i>7-19</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>		<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>Charlie Mance</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Charlie Mance</i></p> <p>C. Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
1. Article Addressed to: RONALD G & JANET ANDERSON 5226 LIMABURG RD BURLINGTON, KY 41005				1. Article Addressed to: JEREMY KLOENTRUP 4977 LIMABURG RD BURLINGTON, KY 41005			
<p>9590 9402 8077 2349 8388 90</p>		3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery		<p>9590 9402 8077 2349 8389 13</p>		3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery	
2. Article Number (Transfer from service label) 7022 2410 0001 9811 2620		<input type="checkbox"/> Restricted Delivery		2. Article Number (Transfer from service label) 7022 2410 0001 9811 2606		<input type="checkbox"/> Restricted Delivery	
PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt				PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt			

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<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>Kloentrup</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Kloentrup</i></p> <p>C. Date of Delivery <i>7/20/23</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>		<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>Madison Keane</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>MADISON KEANE</i></p> <p>C. Date of Delivery <i>7/20/23</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
1. Article Addressed to: JEREMY KLOENTRUP 6322 REMINGTON COVE BURLINGTON, KY 41005				1. Article Addressed to: CRESSCO LLC 5941 LIMABURG RD BURLINGTON, KY 41005			
<p>9590 9402 8077 2349 8389 37</p>		3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery		<p>9590 9402 8077 2349 8389 99</p>		3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery	
2. Article Number (Transfer from service label) 7022 2410 0001 9811 2583		<input type="checkbox"/> Restricted Delivery		2. Article Number (Transfer from service label) 7022 2410 0001 9811 0145		<input type="checkbox"/> Restricted Delivery	
PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt				PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt			

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<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>Kelly Rodgers</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Kelly Rodgers</i> C. Date of Delivery <i>7/19/23</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>		<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
<p>1. Article Addressed to:</p> <p>KELLY RODGERS 5207 LIMABURG RD BURLINGTON, KY 41005</p> <p>9590 9402 8077 2349 8395 21</p>		<p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>		<p>1. Article Addressed to:</p> <p>SKY HARBOR LLC 1735-1881 TANGLEWOOD CT BURLINGTON, KY 41005</p> <p>9590 9402 8077 2349 8396 99</p>		<p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	
<p>2. Article Number (Transfer from service label) 7022 0410 0000 6022 9964</p>		<p>2. Article Number (Transfer from service label) 7022 2410 0001 9811 3290</p>		<p>2. Article Number (Transfer from service label) 7022 2410 0001 9811 3290</p>		<p>2. Article Number (Transfer from service label) 7022 2410 0001 9811 3290</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt	

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<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>Floyd Hicks</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>FLOYD HICKS</i> C. Date of Delivery <i>7/19/23</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>		<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>Beverly Blackburn</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Beverly Blackburn</i> C. Date of Delivery <i>7/20/23</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
<p>1. Article Addressed to:</p> <p>FLOYD AND MAXINE HICKS TRUSTEES 1729 PIONEER BLVD BURLINGTON, KY 41005</p> <p>9590 9402 8077 2349 8391 25</p>		<p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>		<p>1. Article Addressed to:</p> <p>GAYLE L AND BEVERLY BLACKBURN 1723 TIMBER LN BURLINGTON, KY 41005</p> <p>9590 9402 8077 2349 8394 91</p>		<p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	
<p>2. Article Number (Transfer from service label) 7022 2410 0001 9809 4995</p>		<p>2. Article Number (Transfer from service label) 7022 2410 0001 9809 4995</p>		<p>2. Article Number (Transfer from service label) 7022 2410 0001 9811 3047</p>		<p>2. Article Number (Transfer from service label) 7022 2410 0001 9811 3047</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt	

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<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i>		<input type="checkbox"/> Agent <input type="checkbox"/> Addressee		A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i>		<input type="checkbox"/> Agent <input type="checkbox"/> Addressee			
1. Article Addressed to: DANNY S DELPH 4907 LIMABURG RD BURLINGTON, KY 41005		B. Received by (Printed Name) DANNY S DELPH		C. Date of Delivery JUL 25 2023		B. Received by (Printed Name) David C Jarrow		C. Date of Delivery JUL 21 2023			
2. Article Number (Transfer from service label) 9590 9402 8077 2349 8392 55		3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery		<input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery		2. Article Number (Transfer from service label) 9590 9402 8077 2349 8392 31		<input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery		<input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery	
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt					

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY		SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY					
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i>		<input type="checkbox"/> Agent <input type="checkbox"/> Addressee		A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i>		<input type="checkbox"/> Agent <input type="checkbox"/> Addressee			
1. Article Addressed to: AKRAM OTHMAN 2306 KENYON CT HEBRON, KY 41048		B. Received by (Printed Name) Akram Othman		C. Date of Delivery JUL 25 2023		B. Received by (Printed Name) Amy Mounce		C. Date of Delivery 7/21/23			
2. Article Number (Transfer from service label) 9590 9402 8077 2349 8389 44		3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery		<input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery		2. Article Number (Transfer from service label) 9590 9402 8077 2349 8397 67		<input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery		<input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery	
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt					

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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <u>GARY L ELLIOTT</u> C. Date of Delivery <u>JUL 24 2023</u></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <u>Philip G Goetz</u> C. Date of Delivery <u>JUL 24 2023</u></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>GARY L ELLIOTT 1383 GARDEN RD WESTON, FL 33326</p>	<p>3. Service Type</p> <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Mail Restricted Delivery <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery	<p>1. Article Addressed to:</p> <p>PHILIP G GOETZ 5065 LIMABURG RD BURLINGTON, KY 41005</p>	<p>3. Service Type</p> <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Mail Restricted Delivery <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery
<p>2. Article Number (Transfer from service label)</p> <p>9590 9402 8077 2349 8397 81</p> <p>7022 2410 0001 9811 0114</p>		<p>2. Article Number (Transfer from service label)</p> <p>9590 9402 8077 2349 8391 87</p> <p>7022 2410 0001 9809 4933</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <u>KEVIN B & LISA S HILLMAN</u> C. Date of Delivery <u>JUL 28 2023</u></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <u>KEVIN B & LISA S HILLMAN</u> C. Date of Delivery <u>JUL 24 2023</u></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>KEVIN B & LISA S HILLMAN 4827 LIMABURG RD BURLINGTON, KY 41005</p>	<p>3. Service Type</p> <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Mail Restricted Delivery <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery	<p>1. Article Addressed to:</p> <p>YARD DESIGNS, LLC 5637 LIMABURG RD BURLINGTON, KY 41005</p>	<p>3. Service Type</p> <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Mail Restricted Delivery <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery
<p>2. Article Number (Transfer from service label)</p> <p>9590 9402 8077 2349 8392 79</p> <p>7022 2410 0001 9809 4841</p>		<p>2. Article Number (Transfer from service label)</p> <p>9590 9402 8077 2349 8398 59</p> <p>7022 2410 0001 9811 0046</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt	

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<p>SENDER: COMPLETE THIS SECTION</p> <ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. <p>1. Article Addressed to:</p> <p>GOLDMAN USA INC 5327 LIMABURG RD BURLINGTON, KY 41005</p>  <p>9590 9402 8077 2349 8394 60</p> <p>2. Article Number (Transfer from service label)</p> <p>7022 2410 0001 9811 3078</p> <p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	<p>COMPLETE THIS SECTION ON DELIVERY</p> <p>A. Signature X <i>Tian Wei Wei</i></p> <p>B. Received by (Printed Name) C. Date of Delivery</p> <p>D. Is delivery address different from item 1? If YES, enter delivery address below:</p> <p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Registered Mail <input type="checkbox"/> Registered Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Signature Restricted Delivery</p> <p>7022 2410 0001 9811 3078</p> <p>Domestic Return Receipt</p>	<p>SENDER: COMPLETE THIS SECTION</p> <ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. <p>1. Article Addressed to:</p> <p>ROBERT J & TERESA A EHLINGER 5459 LIMABURG RD BURLINGTON, KY 41005</p>  <p>9590 9402 8077 2349 8395 69</p> <p>2. Article Number (Transfer from service label)</p> <p>7022 2410 0001 9811 3207</p> <p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	<p>COMPLETE THIS SECTION ON DELIVERY</p> <p>A. Signature X <i>Robert Ehlinger</i></p> <p>B. Received by (Printed Name) C. Date of Delivery</p> <p>D. Is delivery address different from item 1? If YES, enter delivery address below:</p> <p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Registered Mail <input type="checkbox"/> Registered Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Signature Restricted Delivery</p> <p>7022 2410 0001 9811 3207</p> <p>Domestic Return Receipt</p>
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<p>SENDER: COMPLETE THIS SECTION</p> <ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. <p>1. Article Addressed to:</p> <p>CPRE TP BOONE LIMABURG LLC 250 W COURT ST STE 200E CINCINNATI, OH 45202</p>  <p>9590 9402 8077 2349 8395 83</p> <p>2. Article Number (Transfer from service label)</p> <p>7022 2410 0001 9811 3184</p> <p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	<p>COMPLETE THIS SECTION ON DELIVERY</p> <p>A. Signature X <i>Staci Pope</i></p> <p>B. Received by (Printed Name) C. Date of Delivery</p> <p>D. Is delivery address different from item 1? If YES, enter delivery address below:</p> <p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Registered Mail <input type="checkbox"/> Registered Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Signature Restricted Delivery</p> <p>7022 2410 0001 9811 3184</p> <p>Domestic Return Receipt</p>	<p>SENDER: COMPLETE THIS SECTION</p> <ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. <p>1. Article Addressed to:</p> <p>PRECISION CONSTRUCTION CORP 6705 SNEAD LN FLORENCE, KY 41042</p>  <p>9590 9402 8077 2349 8388 38</p> <p>2. Article Number (Transfer from service label)</p> <p>7022 2410 0001 9811 2682</p> <p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	<p>COMPLETE THIS SECTION ON DELIVERY</p> <p>A. Signature X <i>Staci Pope</i></p> <p>B. Received by (Printed Name) C. Date of Delivery</p> <p>D. Is delivery address different from item 1? If YES, enter delivery address below:</p> <p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Registered Mail <input type="checkbox"/> Registered Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Signature Restricted Delivery</p> <p>7022 2410 0001 9811 2682</p> <p>Domestic Return Receipt</p>
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<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery</p>	<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery</p>
<p>1. Article Addressed to:</p> <p>DONNA M KLEIN 5077 LIMABURG RD BURLINGTON, KY 41005</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>7 JUL 21 2023</p>	<p>1. Article Addressed to:</p> <p>SKAS PROPERTIES LLC 961 WHIRLWAY DR UNION, KY 41091</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>7/22/2023</p>
<p>2. Article Number (Transfer from service label)</p> <p>9590 9402 8077 2349 8391 56</p> <p>7022 2410 0001 9809 4964</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	<p>2. Article Number (Transfer from service label)</p> <p>9590 9402 8077 2349 8396 44</p> <p>7022 2410 0001 9811 3122</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>
PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt	

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<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery</p>	<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery</p>
<p>1. Article Addressed to:</p> <p>DRDD FAMILY TRUST 2179 WILLIAMS RD HEBRON, KY 41048</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>26 2023</p>	<p>1. Article Addressed to:</p> <p>CHARLES S & CHERIE WOLFE 5360 LIMABURG RD BURLINGTON, KY 41005</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>2. Article Number (Transfer from service label)</p> <p>9590 9402 8077 2349 8392 48</p> <p>7022 2410 0001 9809 4872</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	<p>2. Article Number (Transfer from service label)</p> <p>9590 9402 8077 2349 8394 46</p> <p>7022 2410 0001 9811 3092</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>
PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt	

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<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <input type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Date of Delivery</p> <p>C. Date of Delivery <input type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>		<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <input type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Date of Delivery</p> <p>C. Date of Delivery <input type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
<p>1. Article Addressed to:</p> <p>A M S TIRE REALTY LTD 4175 MUHLHAUSER RD FAIRFIELD, OH 45014</p>		<p>1. Article Addressed to:</p> <p>MARK D CRAWFORD 5320 LIMABURG RD BURLINGTON, KY 41005</p>		<p>1. Article Addressed to:</p> <p>A M S TIRE REALTY LTD 4376 BELLEVIEW RD PETERSBURG, KY 41080</p>		<p>1. Article Addressed to:</p> <p>A M S TIRE REALTY LTD 1675 PRODUCTION DR BURLINGTON, KY 41005</p>	
<p>2. Article Number (Transfer from service label)</p> <p>9590 9402 8077 2349 8398 28</p> <p>7022 2410 0001 9811 0077</p>		<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery</p>		<p>2. Article Number (Transfer from service label)</p> <p>9590 9402 8077 2349 8394 84</p> <p>7022 2410 0001 9811 3054</p>		<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt		PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt	

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<p>2. Article Number (Transfer from service label)</p> <p>9590 9402 8077 2349 8396 06</p> <p>7022 2410 0001 9811 3160</p>		<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery</p>		<p>2. Article Number (Transfer from service label)</p> <p>9590 9402 8077 2349 8398 11</p> <p>7022 2410 0001 9811 0084</p>		<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery</p>	
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<p>1. Article Addressed to:</p> <p>GEORGE CASTEEL 5826 LIMABURG RD BURLINGTON, KY 41005</p> <p>2. Article Number (Transfer from service label) 7022 2410 0001 9811 0107</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p>Domestic Return Receipt</p>	<p>1. Article Addressed to:</p> <p>MID VALLEY PIPELINE 1900 DALROCK RD ROWLETT, TX 75088</p> <p>2. Article Number (Transfer from service label) 7022 2410 0001 9809 4827</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>KE Andrews 2424 Ridge Rd. Rockwall, TX 75087</p> <p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p>Domestic Return Receipt</p>
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<p>1. Article Addressed to:</p> <p>HAYFIELD PARK APTS #232100 EPIRIAN P 5519-5537 LIMABURG RD BURLINGTON, KY 41005</p> <p>2. Article Number (Transfer from service label) 7022 2410 0001 9811 3252</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p>Domestic Return Receipt</p>	<p>1. Article Addressed to:</p> <p>PATRICIA A HOGAN REVOCABLE TRUST 2267 VISTA CT HEBRON, KY 41048</p> <p>2. Article Number (Transfer from service label) 7022 2410 0001 9811 3108</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p>Domestic Return Receipt</p>
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<p>1. Article Addressed to:</p> <p>MID VALLEY PIPELINE 4826-4910 LIMABURG RD BURLINGTON, KY 41005</p>		<p>1. Article Addressed to:</p> <p>WOLFE WOLFE PROPERTIES LLC 5578 LIMABURG RD BURLINGTON, KY 41005</p>		<p>1. Article Addressed to:</p> <p>WOLFE WOLFE PROPERTIES LLC 5578 LIMABURG RD BURLINGTON, KY 41005</p>		<p>1. Article Addressed to:</p> <p>WOLFE WOLFE PROPERTIES LLC 5578 LIMABURG RD BURLINGTON, KY 41005</p>	
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<p>2. Article Number (Transfer from service label) 7022 2410 0001 9809 4834</p>		<p>2. Article Number (Transfer from service label) 7022 2410 0001 9811 3306</p>		<p>2. Article Number (Transfer from service label) 7022 2410 0001 9811 3306</p>		<p>2. Article Number (Transfer from service label) 7022 2410 0001 9811 3306</p>	
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The proposed transmission line generally will require a 100-foot-wide right-of-way. Duke Energy Kentucky may also be required to alter the proposed centerline of the Hebron to Oakbrook Transmission Line Project and adjacent rights-of-way to address landowner preference or conditions discovered during survey and construction that affect constructability and access.

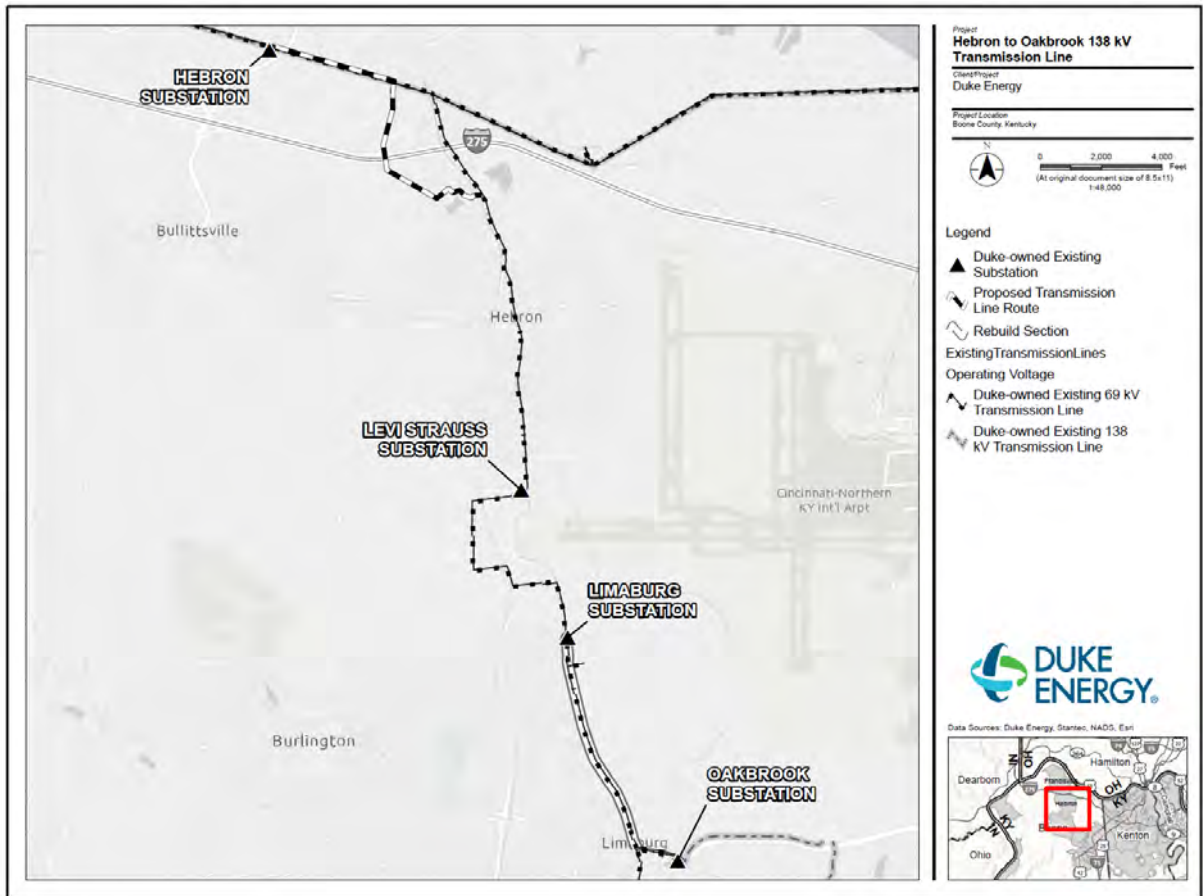
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Any interested person, including any person over whose property the proposed transmission line will cross, may request a local public hearing in the county in which the transmission line is proposed to be constructed. The request must be in writing and should be delivered to the Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. The request for local public hearing must be delivered to the Executive Director no later than thirty days after the date the application is filed. The request for local public hearing must comply with the requirements of 807 KAR 5:120, Section 3.

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A map of the proposed route for the electrical transmission line is shown below.



NOTARIZED PROOF OF PUBLICATION

STATE OF KENTUCKY

COUNTY OF FRANKLIN

Before me, a Notary Public, in and for said County and State, this 14th day of

August, 2023, came Holly Willard personally known to me, who being

duly sworn, states as follows: that she is the Bookkeeping Assistant of the

Kentucky Press Service Inc. and that she has personal knowledge of the contents of this

affidavit; and that the publications included on the attached list published the Legal Notice for

Duke Energy.

Signed Holly Willard

Notary Public Bernie J. Howard

My commission expires 9-18-2024
Id. # 14119



101 Consumer Lane - Frankfort, KY 40601
(502) 223-8821 FAX (502) 226-3867

Holly Willard
Bookkeeping Assistant

hwillard@kypress.com
www.kypress.com

List of newspapers running the notice for Duke Energy (Proposed Electric Transmission Line Construction Project)

Attached tearsheets provide proof of publication:

Covington KY Enquirer--8/8

Falmouth Outlook--8/8

LINK nky--8/11

Warsaw Gallatin Co. News--8/9

Williamstown Grant County News--8/10

Farm

Continued from Page 1A

turn these three great years of economic development into 30 years of prosperity.”

“When you’re on a historic winning streak, you don’t fire the coach. You don’t sub out the quarterback. You keep that team on the field.”

However, Cameron countered that Beshear’s record is actually “one of failure” that also flies in the face of “true Kentucky values” — drawing a contrast between “TV Andy” and “Frankfort Andy.”

“TV Andy lies about his record on jobs, crime and teachers,” Cameron said. “TV Andy wants you to believe he’s never heard of Joe Biden. But when the cameras aren’t rolling and he thinks you aren’t watching, that’s when Frankfort Andy, the real Andy Beshear, rears his head.”

Cameron’s attack lines followed familiar ones on Beshear’s COVID-19 restrictions from 2020 — including those on schools, Easter church services and commutations for state inmates — but most commonly hit him on his vetoes of bills targeting transgender youth.

“He demands that boys play in girls’ sports, he protects transgender surgery for kids,” Cameron said. “I’ve been watching Frankfort Andy up close for nearly four years, and I have just one question: Governor, are you auditioning for a job with Bud Light’s marketing team?”

Beshear vetoed a wide-ranging bill that banned gender reassignment surgeries for minors, though no such procedures have been performed in Kentucky and the governor says he opposes them, as do major LGBTQ rights groups in the state.

Transgender attacks the most common

The GOP nominee for governor wasn’t the only Republican speaker to make repeated jokes



STILL FROM VIDEO: Daniel Cameron at the 2023 Fancy Farm picnic. JEFF FAUGHENDER/COURIER JOURNAL

aimed at Beshear over transgender issues, as it was the most common target of the day.

Cameron said he’d “protect our children from gender ideology in the classroom and keep boys out of girls’ sports,” whereas Beshear is “obsessed with pronouns” and “can’t even tell the difference between a man and a woman.”

Others also used joke lines invoking Bud Light, as the beer brand angered conservatives this year for using a transgender TikTok personality in a social media promotion.

Mills and other Republican speakers also hit Beshear with lines claiming he supports kids having gender-reassignment surgeries and criticizing him for vetoing the transgender sports ban and agreeing to take an impromptu photo with several men dressed in drag after a 2020 rally in the Capitol.

Beshear did not directly address those lines of criticism, but he contrasted himself as someone who would not divide people against each other.

“This race is the difference between vision and division,” Beshear said. “See, they’re trying to pit us against each other, calling everybody names who disagrees with them. Telling you it’s OK to yell at, even hate, your fellow Kentuckians. I’m ready to prove that’s a losing strategy in the commonwealth of Kentucky.”

After health scare, McConnell show up

On the eve of Fancy

Farm, it was still unclear if McConnell would show up to speak after a health scare last week in which Republican colleagues escorted him away from a press conference after he froze for 20 seconds and was unable to talk.

Saturday morning at a local GOP breakfast, McConnell made a grand entrance during the political speeches, received a long and enthusiastic round of applause from attendees, which they repeated several more times when he spoke.

“Well, this is my 28th Fancy Farm, and I want to assure you, it’s not my last,” McConnell said, in a not-so-veiled message to anyone in the state — or more likely Washington, D.C. — who thought his days in office may be numbered.

McConnell also braved the muggy weather to speak at the Fancy Farm picnic, where he did not have any apparent hiccups with his health and made the same biting lines that he’s known for — though these lines were delivered noticeably slower and softer than usual.

As for the Democrats in the audience, they spared no mercy for McConnell, drowning him out within the picnic shelter with chants of “retire!”

GOP wants Democratic ‘extinction’

Speaking at the GOP breakfast, McConnell noted that when he was first elected in 1984, Republicans were a tiny minority in that region of the state, while Demo-



STILL FROM VIDEO: Andy Beshear at the 2023 Fancy Farm picnic. JEFF FAUGHENDER/COURIER JOURNAL

crats dominated statewide.

Nearly three decades later, McConnell said the opposite is true, as Republicans dominate the state legislature, congressional seats and all but one statewide office — the big one held by Beshear.

McConnell said that beating Beshear and taking back the governor’s mansion for Republicans is “the last big step to take in our state,” urging the crowd to “finish the job” this November.

Republican Secretary of State Michael Adams brought up the same point in his speech that morning, but put it in more blunt terms.

“The Democrats are facing extinction and they know it,” Adams said. “If we sweep (statewide offices) for the first time in Kentucky history, they are done. ... We have them in our sights, and they know it.”

Rocky Adkins, a former Democratic House leader and Beshear’s top adviser in the governor’s office, told The Courier Journal the stakes are high any time Kentucky has one of three gubernatorial elections in the country and it’s expect-

No big surprises or gaffes

Political observers have long said no candidates can win their race at Fancy Farm, but they could lose it — by making a critical error or gaffe in their speeches, which are televised and reported throughout the state ahead of the general election.

Did such a gaffe happen on Saturday? Most likely not.

However, in a race that is expected to be as close as the one between Beshear and Cameron, every vote counts, so even a small shift in the race based on how the speeches are received could have a significant impact. We shall see.

Reach reporter Joe Sonka at jsonka@courierjournal.com and follow him on Twitter at [@joe-sonka](https://twitter.com/joe-sonka).

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AUGUST 11, 12 & 13

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Full schedule at www.nps.gov/cane

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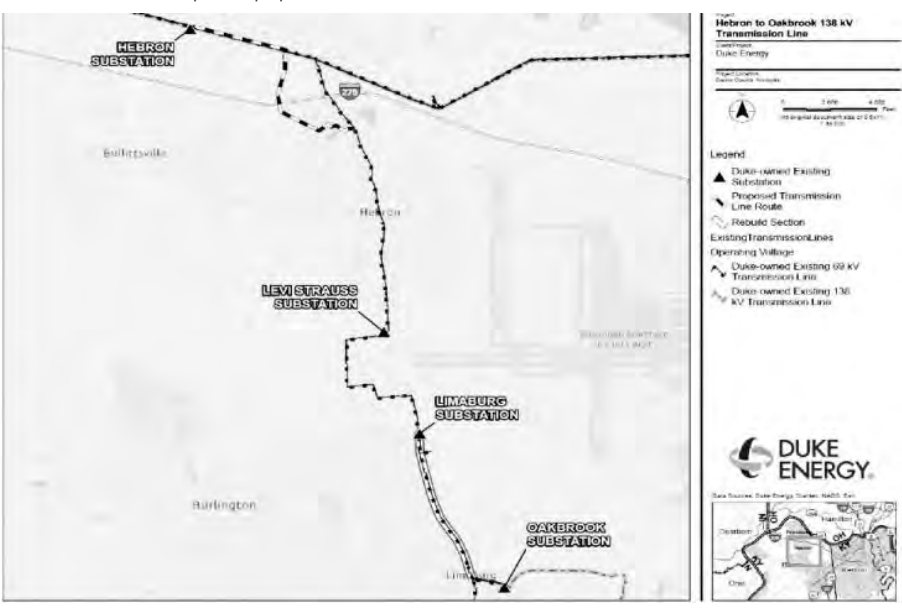
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COMMUNITY

Road to V-J Day

World War II was a devastating conflict that involved countries around the globe. The deadliest war in military history, World War II claimed some 70 million civilians and military personnel.

World War II affected a demographic that is now often referred to as the "Greatest Generation," who previously had to face the Great Depression and were shaped by parents who experienced the first World War. The effects of World War II can still be felt and remembered today, well into the 21st century.

World War II began when Germany invaded Poland on September 1, 1939. However, it wasn't until Japan bombed Pearl Harbor on December 7, 1941 that the United States formally entered the fray.

By the beginning of 1945, Germans were largely in retreat, and by May 7, 1945, Germany surrendered to the western Allies. However, the fight against Japan raged on. Throughout the summer of 1945, Allied troops faced Japanese forces. The United States dropped an atomic bomb on Hiroshima on August 6 and another on Nagasaki three days later. On August 14, 1945, Japan unconditionally surrendered by a radio address from Emperor Hirohito, a day that has come to be called Victory Over Japan Day, or V-J Day. August 14 is widely celebrated as the effective end of World War II.

According to Hirohito, "Should we continue to fight, it would not only result in the ultimate collapse and obliteration of the Japanese nation, but would also lead to the total extinction of human civilization." President Harry Truman indicated that V-J Day was the vindication needed after Pearl Harbor.

The formal surrender took place on September 2, 1945. As a result, V-J Day is celebrated by some in August and others in September. Commemorations take place in Europe as well as North America. In the United States, Rhode Island is the only state with a holiday specifically dedicated to V-J Day, officially called Victory Day. It is celebrated on the second Monday in August.

World War II was a long and bloody conflict that involved many world powers. It ultimately came to its end in mid-August with victory over Japan on a date that still bears deep meaning today.

Prayer Group Meets to Pray for PC School Students and Staff

By Nila Harris

A group of prayer warriors from several different community churches met on Sunday, August 6th to pray for Pendleton County School students and staff. Harry Crozier, pastor at First Baptist Church held a short devotion at each school entity while fellow Christians led prayers. Prayers for strength, comfort, safety, patience, and awareness were said. The group of approximately fifty made a train of vehicles as they proceeded from Northern Elementary, the bus garage, Sharp Middle School, Pendleton High School/Central Office, and Southern Elementary. School begins this Wednesday, August 9th. Have a great school year!



NOTICE OF PROPOSED ELECTRIC TRANSMISSION LINE CONSTRUCTION PROJECT

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The proposed transmission line generally will require a 100-foot-wide right-of-way. Duke Energy Kentucky may also be required to alter the proposed centerline of the Hebron to Oakbrook Transmission Line Project and adjacent rights-of-way to address landowner preference or conditions discovered during survey and construction that affect constructability and access.

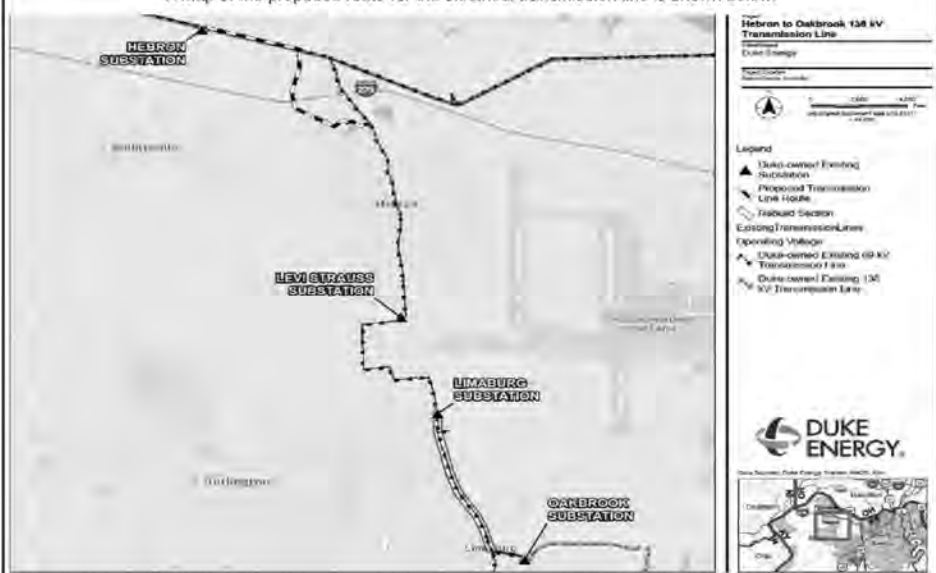
Duke Energy Kentucky plans to file an application with the Public Service Commission of Kentucky on or soon after August 14, 2023 seeking a certificate of public convenience and necessity authorizing the Hebron to Oakbrook Transmission Line Project. The application and the Commission proceeding have been assigned Case No. 2023-00239.

Any interested person, including any person over whose property the proposed transmission line will cross, may request a local public hearing in the county in which the transmission line is proposed to be constructed. The request must be in writing and should be delivered to the Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. The request for local public hearing must be delivered to the Executive Director no later than thirty days after the date the application is filed. The request for local public hearing must comply with the requirements of 807 KAR 5:120, Section 3.

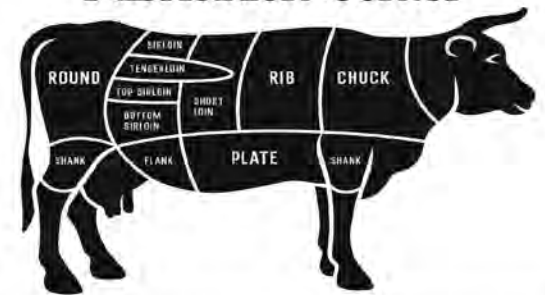
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A map of the proposed route for the electrical transmission line is shown below.



Brooksville Meat Fabrication Center



ACCEPTING IMMEDIATE APPOINTMENTS TO SLAUGHTER & PROCESS FARM LIVESTOCK

COST BASED ON CARCASS WEIGHT OF CATTLE

- .65/# Wrapped White Paper (Super Lox)
- .75/# Double Wrapped & Sealed in Plastic (Paper & Plastic)
- Age Most Carcass 10 Days+ (NO CHARGE)

No Kill Fee for Slaughter (Do some charge \$100 to Kill?)

- Minimal Fuel Charge to Pick Up Animals
- We help with Reputable Livestock Emergencies
- We Slaughter Hogs Skin-On

Processing Room Fully USDA Inspected on Boxed Meat for Resale

PORK

- Sausage
- Pork Chops
- Neck Bones
- Jumbo Sausage Patties
- Boneless Cured tenderloin
- Bacon
- Spare Ribs
- Rib Racks
- Pork Boxes-40#
- BBQ Hogs
- 1/2 Hog processed (Ready to Go) GOOD BUY
- Pork Butts
- Whole Pork Loins

BEEF

- Beef Boxes (50# +) \$250-\$275
- Hamburger (80/20)
- Ground Round (90% Lean)
- Hamburger Patties (4-1)
- Rib Eyes
- Rib Loins
- Brisket

CHICKEN AND MORE

- Boneless Chicken Breasts (40# for savings) \$100
- Whole fryers
- 2-3# Chicken Cut 1/2 (The Grill)
- Fish Tails (Mid-ship and Viking)
- Catfish

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FIND OUT WHAT'S "NEWS" IN YOUR COMMUNITY.

FALMOUTH
OUTLOOK



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Dee Felice Cafe. Photo by Kenton Hornbeck | LINK nky

ed. Its website is no longer operational.

Opened in 1984, Dee Felice Café served New Orleans-style cuisine and offered live jazz performances. The café was founded by Shelly DeFelice-Nelson and her father, a jazz musician who performed under the stage name Dee Felice – the restaurant's namesake.

In 2021, the café was taken over by local restaurant entrepreneur DJ Thomas, who maintained the name and menu.

The building was constructed in 1860. DeFelice Properties LLC purchased the property for \$675,000 in 1998, according to Kenton County property records. Before it was Dee Felice, a pharmacy operated out of the building.

Dee Felice Market, a community grocery store next door to the café, will remain in business. The market was founded in 2021 to answer the café's multiple closures in 2020 during the COVID-19 pandemic.

Transportation officials remind residents of ongoing street-striping project

The Kentucky Transportation Cabinet District 6 is currently engaged in road-stripe painting throughout the region.

Districtwide striping is occurring in the following Kentucky counties: Bracken, Pendleton, Campbell, Kenton and Boone. Work in the region is likely to continue until the end of August.

"Most work will occur during daytime working hours of 8 a.m. to 8 p.m.," according to the district's website. "Routes with higher traffic volume will be completed during nights or weekends to minimize traffic impacts."

Local residents are advised to keep an eye out for trucks as they drive.

Learn more at transportation.ky.gov.

Covington to buy \$260K of fill, soil for Central Riverfront development at former IRS site

The Covington Board of Commissioners approved the purchase of \$260,000 of soil and fill material for the Central Riverfront development project at the former site of the IRS data processing center at the city caucus meeting on Tuesday night.

Covington's Economic Development Director Tom West said the 26,000 cubic yards worth of materials would eventually be used to bring the land on the site up to the necessary elevation for development. West said the site would need about 65,000 cubic yards to make the elevation uniform. He said the pricing offer he'd received was under the typical market rate for such material.

"We have an opportunity to purchase at about, actually, a little bit less than half of what that would ordinarily cost," West said. "I think the going rate's probably \$28/yard, and we can get 26,000 yards for \$10/yard."

This brings the total purchase price to \$260,000.


The city will purchase the dirt and fill materials from Bray Construction Services Inc. of Alexandria. The purchase would also include fencing, to properly store the soil, clean-up, and daily maintenance.

Kenton County Circuit Court longtime Clerk Middleton announces re-election bid

Kenton County Circuit Court Clerk John Middleton announced that he intends to run for re-election next year. A Republican, Middleton has held the position since 2007.

In Kentucky, circuit court clerks are responsible for managing the records of circuit and district courts. Specifically, their duties include receiving lawsuits and court documents, recording legal documents, providing legal documents and other legal materials, scheduling juries, receiving and disbursing money, and maintaining the jury system.

Circuit court clerks serve six-year terms.

"We can always be encouraging innovation to create a more efficient clerk's office," Middleton said. 

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Duke Energy Kentucky seeks approval to revise these rates as follows: Duke Energy Kentucky's monthly DSM rate for residential gas customers would increase to (\$0.003536) per hundred cubic feet and for non-residential gas customers would remain at \$0.000000 per hundred cubic feet. Duke Energy Kentucky's monthly DSM rate for residential electric customers would increase to \$0.003988 per kilowatt-hour and for non-residential customers would remain at \$0.001987 per kilowatt-hour for distribution service and would remain at \$0.000388 per kilowatt-hour for transmission service.

The rate contained in this notice is the rate proposed by Duke Energy Kentucky. However, the Public Service Commission may order a rate to be charged that differs from this proposed rate. Such action may result in a rate for consumers other than the rate in this notice. The foregoing rates reflect a proposed increase in electric revenues of approximately \$0.72 million or 0.16% over current total electric revenues and an increase in gas revenues of approximately \$0.08 million or 0.06% over current total gas revenues.

A typical residential gas customer using 70 ccf in a month will see an increase of \$0.09 or 0.1%. A typical residential electric customer using 1000 kWh in a month will see an increase of \$0.54 or 0.5%. A typical non-residential electric customer using 40 kilowatts and 14,000 kWh will see no change. A non-residential customer served at transmission voltage using 10,000 kilowatts and 4,000,000 kWh will see no change. Non-residential gas customers will see no change in their bills from this application.

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Obituaries

Betty Lou Gullion Skirvin

Betty Lou (Gullion) Skirvin of Sparta, Kentucky entered into eternal rest on July 31, 2023.

She was born on the family farm in Sparta on July 17, 1935 to Henry Gullion, Sr. & Nellie Green Gullion. Just two weeks ago, we celebrated her 88th birthday.

She was united in marriage to Bobby Gene Skirvin on May 23, 1964. He departed this life on June 3, 2020 just after they celebrated their 56th wedding anniversary.

She was a loving mother (and mother-in-law) to Tammy Trimble (Tony), Jeff Tackett (Paulette), and Sonja Hopkins (Ernie);



Betty L. Skirvin

Grandmother to Candy Young (Trey), Clarissa Tackett, Derek Weisbecker (Taylor), Heather (Chuck) Myers, and Matthew Trimble (Kayla); and

Great-grandmother to Emma Young, Lydia Young, Zane Tackett, Braxton Hazlewood, Josie Mae Weisbecker, Knox Weisbecker, and Gage Myers.

She will also be mourned by her sister, Mary Ellen (Gullion) Miller, as well as many nieces and nephews, relatives, and dear friends.

Funeral services were held on Wednesday, August 2, at the Garnett New Funeral Home in Warsaw, Brother Keith Miller officiated.

Burial followed at Poplar Grove Cemetery.

Those who served as pallbearers were: Sidney Gullion, Matthew Trimble, Trey Young, Kyle Gullion, Billy Hensley, and Gary Sampson.

If desired, memorial contributions may be made to the Poplar Grove Cemetery Fund, 10450 US Hwy 127 N, Glencoe, KY 41046.

No more tomato troubles!

by Melinda Myers

Extreme heat, drought, torrential rains, and hungry critters may be wreaking havoc on your garden. After weeding, watering, and waiting you may be finding less, diseased, or misshapen tomatoes. Don't give up. Make a few adjustments in garden maintenance to boost the current and future tomato harvests.

Blossom end rot is a common problem on the first set of fruit. It's due to a calcium deficiency often caused by fluctuations in soil moisture frequently seen on the first set of fruit and those grown in containers.

Always water thoroughly to encourage a deep robust root system. Adjust your watering as needed and mulch the soil to help keep it consistently moist. Have your soil tested before adding any calcium fertilizer. Further reduce the risk of blossom end rot by avoiding root damage when staking and cultivating your garden. Eliminating some of the roots limits the plant's ability to absorb water and nutrients. Avoid overfertilization and don't use ammonium-based nitrogen fertilizers on tomatoes.

Fortunately, it is safe to eat the firm red portion of the affected tomato. Since this is a physiological disorder, not a disease or insect problem you can cut off the black portion and toss it into the compost pile.

Cracked fruit is also common in the garden. Fluctuating temperatures, moisture stress, and improper fertilization result in irregular development of the fruit that results in cracking. You can't change the weather, but you can

reduce the risk of this problem with thorough, less frequent watering to encourage deep roots. And just like blossom end rot, mulch the soil to keep it evenly moist and be sure to avoid root damage.

Several fungal diseases, such as early and late blight, septoria leaf spot, and anthracnose, can cause spots on the leaves and fruit of tomatoes. Minimize the problem by rotating your plantings whenever possible. Move your tomatoes to an area of the garden where unrelated crops, such as beans, lettuce, or onions, had been growing the previous season.

Mulching the soil also helps keep soil-borne fungal spores off the plant. Water early in the day and if possible, apply the water directly to the soil with a soaker hose, drip irrigation, or a watering wand to reduce the risk of disease.

Properly space and stake or tower your tomato plants to promote healthier growth and reduce the risk of disease. Remove any volunteer tomatoes that sprout and

crowd out the current season's planting.

Remove weeds as they appear. Many serve as hosts for insect pests and diseases and compete with tomato plants for water and nutrients. Removing them before they flower and set seed eliminates hundreds of weeds you would need to pull next year.

Always clean up and dispose of disease-infected plant material in the fall. Cultural practices and growing the most disease-resistant varieties available are often enough to keep these diseases under control.

If you choose to use a fungicide, select one labeled for food crops and apply it at the first sign of the disease. Repeat applications are usually needed. Be sure to read and follow all label directions carefully whether using organic, natural, or synthetic fungicides.

Enjoy this year's harvest and continue to make any needed changes now and in the future to boost your gardening success. And as a gardener you know there is always next year.



Yard sale cool down

Shoppers and yard sale owners found it extremely hot during last week's US 127 Yard Sale. Amber Thacker used a kiddie pool to cool down as she waited for shoppers at her yard sale at the county park in Glencoe. Photo by Kelley Warnick

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READ ALL ABOUT IT IN THE GALLATIN COUNTY NEWS! SUBSCRIBE TODAY! CALL 859-567-5051

Last Prayer Walk of Summer!
Exercise your Christian faith at 6:30 p.m., Thursday, August 10 on the Warsaw Riverfront Walking Path Meet at the Shelter. We'll walk one lap together, praying to our Lord & Savior, Jesus Christ Stroller, Wheelchairs & You are Welcome! Questions? Call 502/525-9844

Kidz Maze Mania
Help the panda get to the bamboo at the end of the maze.

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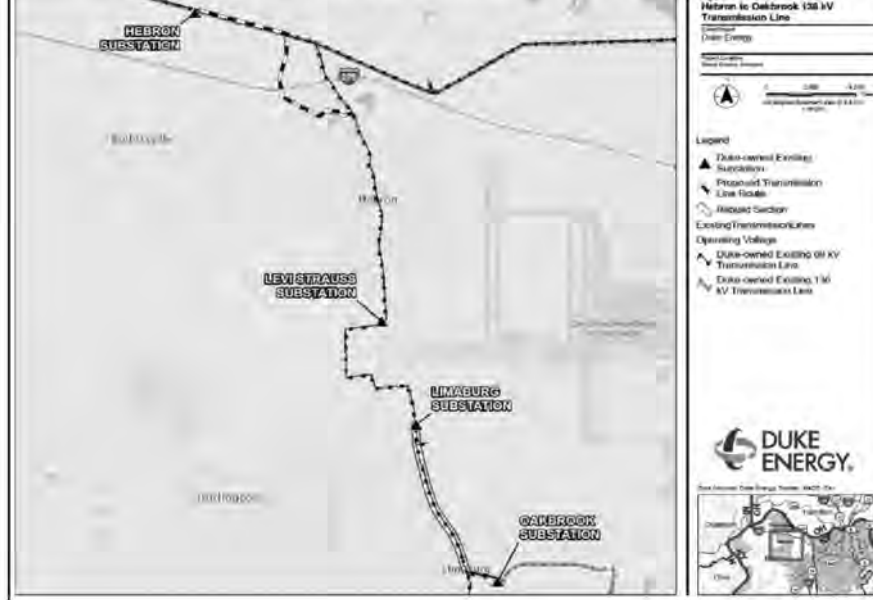
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Forcht Bank reaches deal with UK's Sheppard

Forcht Bank is delighted to announce a Brand Partnership deal with University of Kentucky Men's Basketball Player Reed Sheppard, a renowned name across Kentucky and surrounding areas. This partnership brings together two like-minded families in Kentucky, the Sheppard's and the Forcht's, who have demonstrated a common vision of great work ethic and giving back to the community.

Reed Sheppard is son to Jeff and Stacey Sheppard who both played collegiate level basketball at the University of Kentucky. After tremendous success in basketball and other business ventures, Jeff and Stacey moved to London, Kentucky to raise their family and eventually have two children, Reed and Madison. Madison played college basketball at Campbellsville University while Reed is an incoming freshman on the 2023-2024 University of Kentucky Men's Basketball team.

"Our partnership with Reed and the Sheppard Family is a natural fit, as we share a set of core values in great work ethic and the power of giving back," said Tucker Ballinger, President and CEO of Forcht Bank. "We see immense potential in combining our shared values and strengths to create a positive impact in our



REED SHEPPARD

communities through community outreach events and offering competitive financial products and services to local Kentucky and Ohio residents.

Forcht Bank and Reed Sheppard are planning a series of initiatives, joint events, and campaigns that will aim to foster community engagement and instill the values of giving back and work ethic among their customers and followers. To stay up-to-date on all hap-

penings, please follow us on social media @ForchtBank or visit forchtbank.com/reed-the-news.

Forcht Bank is a Kentucky-owned community bank with approximately \$1.5 billion in assets, 3 loan production offices, and 23 banking centers in 13 counties across Kentucky and Ohio — Fayette, Jefferson, Boone, Grant, Madison, Taylor, Pulaski, Laurel, Whitley, Knox, Green and Hamilton. www.forchtbank.com



The Grant County Fireballs pose for a team photo after finishing second in the B division.

Grant County Special Olympics hosts softball tournament

BY JOYCE DUVAL
 CORRESPONDENT

Owen County Park was the place to be for the 12th annual Battle of the Bluegrass softball tournament, hosted by Grant County Special Olympics.

The tournament, which takes place the last weekend of July, featured 13 teams from across Kentucky to compete in three divisions.

The Grant County team consists of athletes from Grant, Owen, Kenton Campbell and Pendleton counties and is coached by Bev Bass and Billy Brown.

Brown, the organizer, relies on community effort to make the tournament successful every year. Umpires Robb Chaney, Jude Canchola and David Lilly can always be found on the fields lending a hand.

"The community support we receive from Owen County is far superior to any county. Owen County Parks and Recs, Fire & Rescue, Larry Dale Perry, Air Med and the Fair Board are to name few," said Billy Brown.

"I have developed a personal relationship with the coaches, parents and athletes over the years. Some of athletics have been playing in this tournament since I have been volunteering."

Robb Chaney has been an umpire since 2014.

Coach Bass said his highlight of the day was when one of his players, Marty Miller, got up to the bat and yelled out, "This one's for you, mom." He then hit an inside-the-park home run.

"That gave me cold chills," Bass said.



Photo by Joyce DuVall
 Cameron Carter from Sparta is a member of the Grant County Fireballs.

Grant County Special Olympics will be hosting another event in Owen County, the Rebel Run Basketball Tournament. It will take place on the last Saturday of Jan., 2024 at the Owen County High School and MBMS gyms.

Special Olympics is an international program of year-round sports training and athletic competition for more than a million children and adults with intellectual disabilities, according to the Kentucky Special Olympics website.

CIRCUIT COURT RECORDS

PROPERTY TRANSFERS

- 7/28- R Keith Kinmon to Larry Nguyen Luu, Lot 9 Section 1 Deer Run Estates for \$22,500
- 7/29 — Claiborne Estates, LLC to Michael R. Chambers and Pamela K. Chambers, Lot 29 Claiborne Estates Section 4 for \$32,250
- 7/31 — Marylin Sininger to Alanna Marie Sininger, 2 Tracts Cynthia Street for \$140,000
- 7/31 — Morgan Skaggs and Michael Skaggs to Larry Paul

- Ducham, Lot 9 Zion Ridge Country Estates for \$234,000
- 7/31 — Scott Hawkins and Tricia Hawkins to Chase Savage, Lot 2 Section 1 Block A Lakeside Acres for \$348,000
- 8/1 — Adam Paul Hampton to Jesse D. Sampson, 11.9689 acres Denny Road for \$330,000
- 8/1 — Daniell Hamlin, II to Home Bridge Real Estate, LLC, 5.56 acres Cordova Road for \$5,100
- 8/1 — Joan B. Caldwell to Fairhope Holdings, LLC, 3.6 Acres KY Highway #36

- for \$1,405.80
 - 8/1 — SMR Solo 401K Trust and Tracy Acuff Trustee to Richard Prince and Christina Prince, Lot 10 Phase 1 Summerfield Subdivision for \$344,900
- ### MARRIAGES
- 7/28 — Sheila Rozelle Jones to Chad David Boles
 - 7/29 — Agnes arol Barrett to Christopher Russell Hann
 - 7/31 — Madison Leigh Helton to Katelin Renee Meece
 - 8/1 — Jaydan Elizabeth Allen to Caleb Christopher Tritschler

NOTICE OF PROPOSED ELECTRIC TRANSMISSION LINE CONSTRUCTION PROJECT

Duke Energy Kentucky, Inc. (Duke Energy Kentucky or Company) proposes to construct a new 138-kilovolt (kV) transmission line in Boone County, Kentucky (Hebron to Oakbrook Transmission Line Project). The Hebron to Oakbrook Transmission Line Project involves an approximate two-mile construction of a new 138-kV transmission line and rebuild of a 1.5-mile portion of an existing 69 kV transmission line to 138-kV capacity. The proposed 138-kV transmission line runs east-southeast from the Hebron substation through an industrial complex crossing Interstate 275 to the west of Route 237. After crossing I-275 it runs east to connect to the existing transmission line along Route 237 across the street from the Burger King and Domino's Pizza. The rebuild portion of the transmission line runs south from Limaburg Substation along Limaburg Road in Hebron, Kentucky, to Burlington Pike in Burlington, Kentucky.

The proposed transmission line generally will require a 100-foot-wide right-of-way. Duke Energy Kentucky may also be required to alter the proposed centerline of the Hebron to Oakbrook Transmission Line Project and adjacent rights-of-way to address landowner preference or conditions discovered during survey and construction that affect constructability and access.

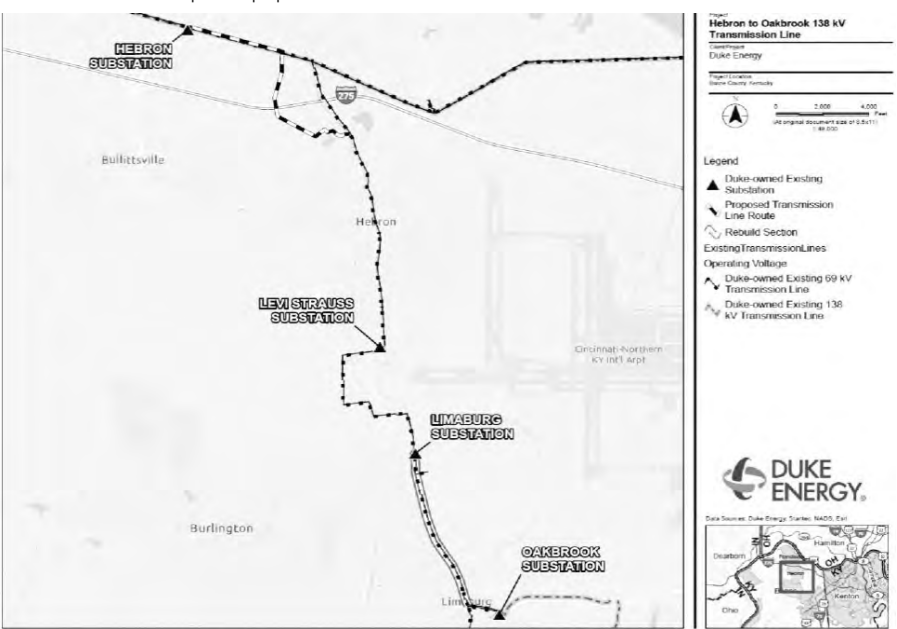
Duke Energy Kentucky plans to file an application with the Public Service Commission of Kentucky on or soon after August 14, 2023 seeking a certificate of public convenience and necessity authorizing the Hebron to Oakbrook Transmission Line Project. The application and the Commission proceeding have been assigned Case No. 2023-00239.

Any interested person, including any person over whose property the proposed transmission line will cross, may request a local public hearing in the county in which the transmission line is proposed to be constructed. The request must be in writing and should be delivered to the Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. The request for local public hearing must be delivered to the Executive Director no later than thirty days after the date the application is filed. The request for local public hearing must comply with the requirements of 807 KAR 5:120, Section 3.

A person may seek to intervene as a party in the Commission proceeding to review Duke Energy Kentucky's application by filing a timely written request for intervention in accordance with the requirements of 807 KAR 5:001, Section 4(11) and 807 KAR 5:120, Section 3(3).

The application and other filings in connection with Duke Energy Kentucky's application may be accessed at <http://psc.ky.gov> under Case No. 2023-00239 once filed. Project updates and further information may also be found on the Company's website: www.duke-energy.com/Hebron

A map of the proposed route for the electrical transmission line is shown below.



Honor your loved ones who have served or are now serving their country

Honoring Our
Armed Forces

On November 9th, the Grant County News will be publishing a tribute to all of the men and women who have fought to preserve our freedom through service in the United States' armed forces.

To include your veteran or service member, please mail, email, or drop off their photo (in-uniform preferred but not required) along with the form below (or include the information in your email) to our office.

Deadline:
5pm
Monday,
October 30

In Memory Of
Cpl. Lowell Thomas
 U.S. Army 1952-1954

IMPORTANT!
 As some service members or their families may not wish to be included, we ask that you enter only for family members or close friends/associates. All entries must be received by 5 p.m. on Monday, October 30, 2023 to be included. E-mail photos to bsmith@cynthianademocrat.com

Name and phone number of person submitting:	To submit by email: bsmith@cynthianademocrat.com
<input type="checkbox"/> In Honor <input type="checkbox"/> In Memory	subject line: Armed Forces Dedication
Name _____	The Grant County News
Rank _____	Veterans Special will be published on
Branch of Service _____	November 9th, 2023
Dates of Service _____	
Other info (20 words or less) _____	

For advertisers wanting to pay tribute to our Veterans by advertising in this special please contact Janet McKee at 859-824-3343 ext. 5 or e-mail her at grantads@grantky.com. Deadline to advertise Friday, October 27. Special pricing is available for both color and black/white ads.

YOUR CUSTOMER JUST READ THIS AD.
Advertise in Grant County News.

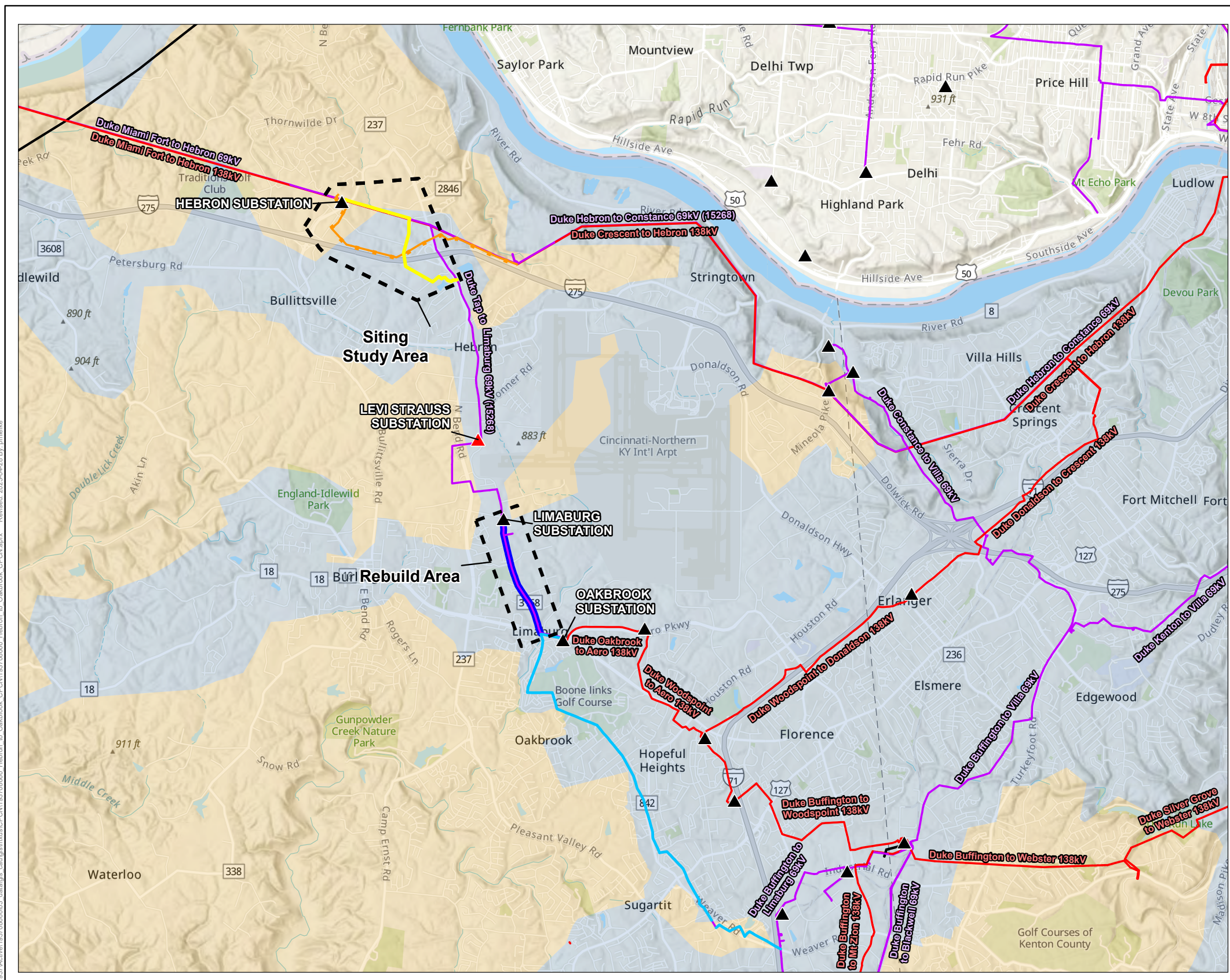
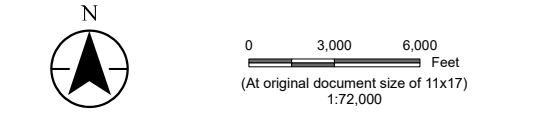
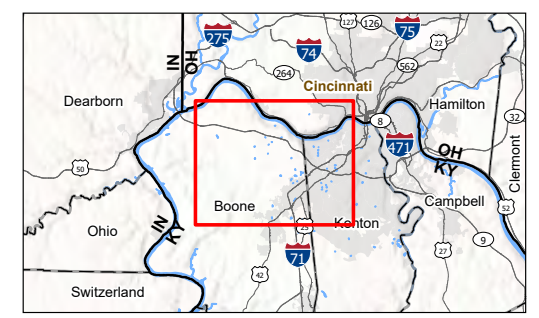


Figure No. **14**
 Title **Present System and Proposed Project Components rev1**
 Client/Project Duke Energy Kentucky 193708666
 Hebron to Oakbrook 138 kV Transmission Line Project

Project Location Boone Co., Kentucky Prepared by PM on 2022-09-23
 TR by BT on 2021-11-09
 IR by TR on 2022-09-08



- Legend
- Study Area
 - Duke-owned Existing Substation
 - Customer-owned Existing Substation
 - Duke-owned Existing 69 kV Transmission Line
 - Duke-owned Existing 138 kV Transmission Line
 - Duke-owned Existing 345 kV Transmission Line
 - Preferred Route
 - Rebuild Section
 - Proposed EKPC Transmission Line
 - Buffington 6763 Retirement
 - Retail Electric Service Territory
 - DUKE ENERGY KENTUCKY
 - EAST KENTUCKY POWER COOP, INC



Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
2. Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, EKPC
3. Background: Esri World Imagery



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 Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.

**CONFIDENTIAL PROPRIETARY TRADE
SECRET**

CONFIDENTIAL EXHIBIT 15

FILED UNDER SEAL

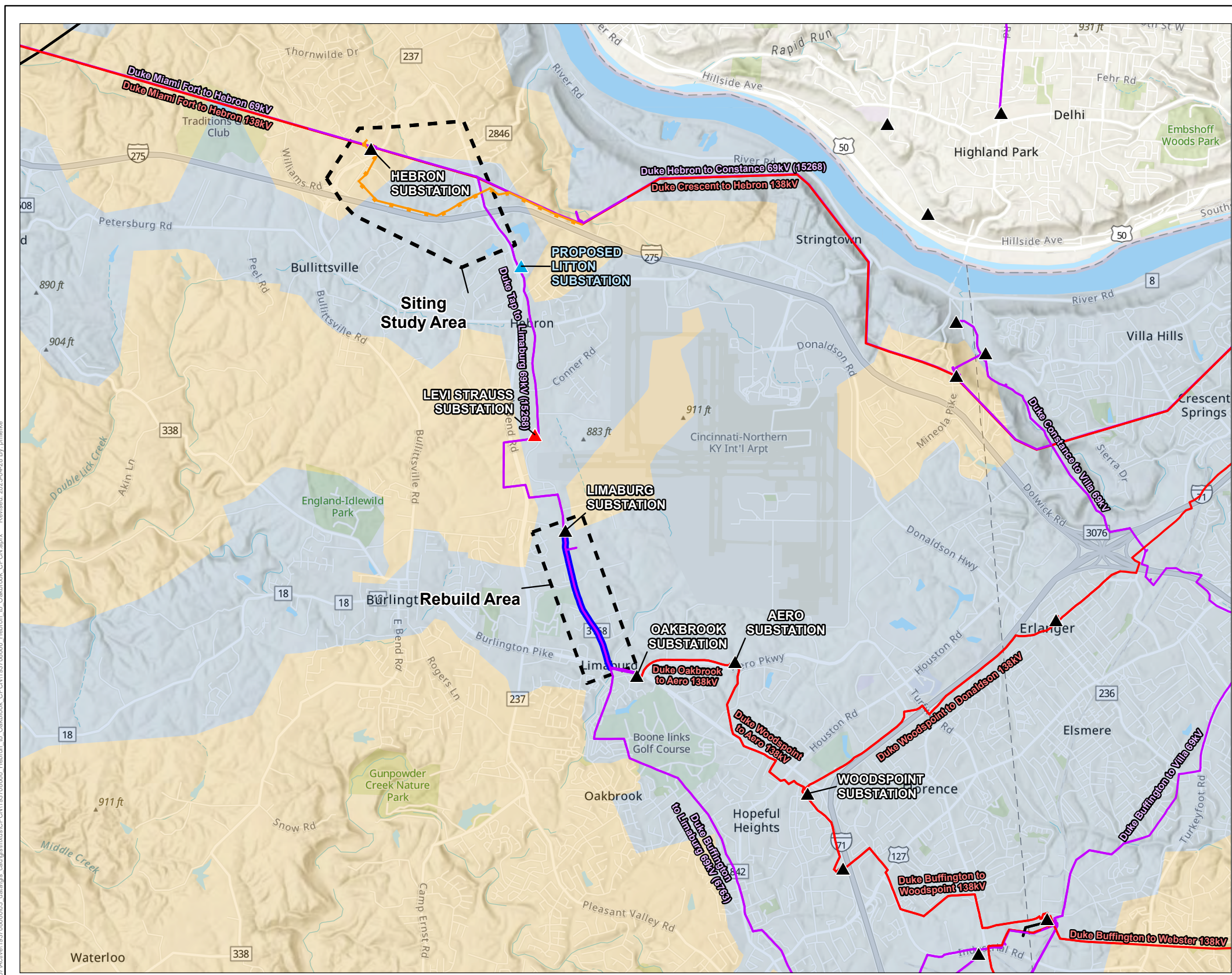
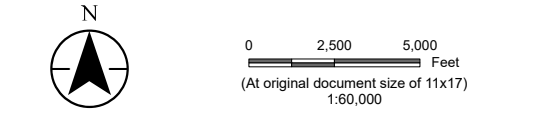


Figure No. 1

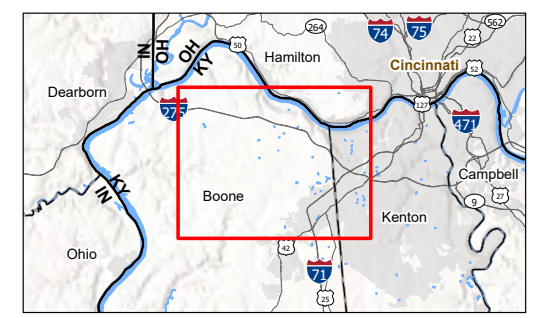
Title Exhibit 16

Client/Project Duke Energy Kentucky Hebron to Oakbrook 138 kV Transmission Line Project

Project Location Boone Co., Kentucky Prepared by PM on 2023-04-27 TR by BT on 2021-11-09 IR by TR on 2022-09-08



- Legend
- Study Area (dashed black line)
 - Duke-owned Existing Substation (black triangle)
 - Proposed Substation (blue triangle)
 - Customer-owned Existing Substation (red triangle)
 - Duke-owned Existing 69 kV Transmission Line (purple line)
 - Duke-owned Existing 138 kV Transmission Line (red line)
 - Duke-owned Existing 345 kV Transmission Line (black line)
 - Rebuild Section (thick blue line)
 - Proposed EKPC Transmission Line (orange line)
 - Retail Electric Service Territory (shaded area)
 - DUKE ENERGY KENTUCKY (light blue)
 - EAST KENTUCKY POWER COOP, INC (light orange)



Notes

- Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
- Data Sources: Stantec, Duke, USGS, NADS, PennWell, OSM, EKPC
- Background: Esri Topographic Map



V:\11837\Active\193708666\03_data\gis_cad\gis\mxd\CPCN\193708666_Hebron_to_Oakbrook_CPCN.aprx - Revised: 2023-04-28 By: pmmlk
 Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.

**CONFIDENTIAL PROPRIETARY TRADE
SECRET**

CONFIDENTIAL EXHIBIT 17

FILED UNDER SEAL



February 14, 2022

... .

You're invited to learn about a Duke Energy transmission reliability project planned for Boone County.

Dear Neighbor,

Duke Energy's electrical system is essential to powering the energy needs of our communities, and that's a responsibility that we take very seriously. Boone County is experiencing rapid growth and increased energy use – it's the fastest-growing county in our Kentucky service area.

Duke Energy is planning to build a new 69-kilovolt (kV) transmission line to help meet the growing energy needs of the region. The new line will start at the Hebron Substation at 2139 Graves Road, in Hebron, Ky., to Route 237.

We invite you to attend a virtual public meeting to learn more about this project. **Please visit the project website at duke-energy.com/Hebron to register.**

Monday, March 7, 2022, from 6 to 7 p.m.

Tuesday, March 8, 2022, from 7 to 8 p.m.

At these events, you can hear from the transmission project team and ask your questions. The website will be available throughout the construction of the project.

We invite your input on potential routes under consideration for the proposed transmission line (please see map enclosure). You are receiving this letter because you are a property owner within 500 feet of the centerline of one of the proposed routes under consideration. Our goal is to minimize impacts to personal property, homes, businesses, the environment and cultural resources.

This virtual public meeting will:

- Provide information about how a routing study is conducted
- Provide a review and discussion about the potential routes under consideration
- Allow your input to become part of the official data collection record

You can also join the webinar by phone (in listen mode only) by calling 415.655.0003 and entering access code 2342 820 1581 on **March 7** or access code 2339 436 4313 on **March 8**.

If you're unable to join us or if you have additional questions about the project, please contact us at the toll-free number or email address below. We can mail you the packet of information that will be shared at the virtual open house.

Website: duke-energy.com/Hebron

Email: MWOhoTransmission.com

Call: 888.827.5116

We're committed to communicating with you throughout this process. We hope you'll join us during one of the live sessions or visit our website.

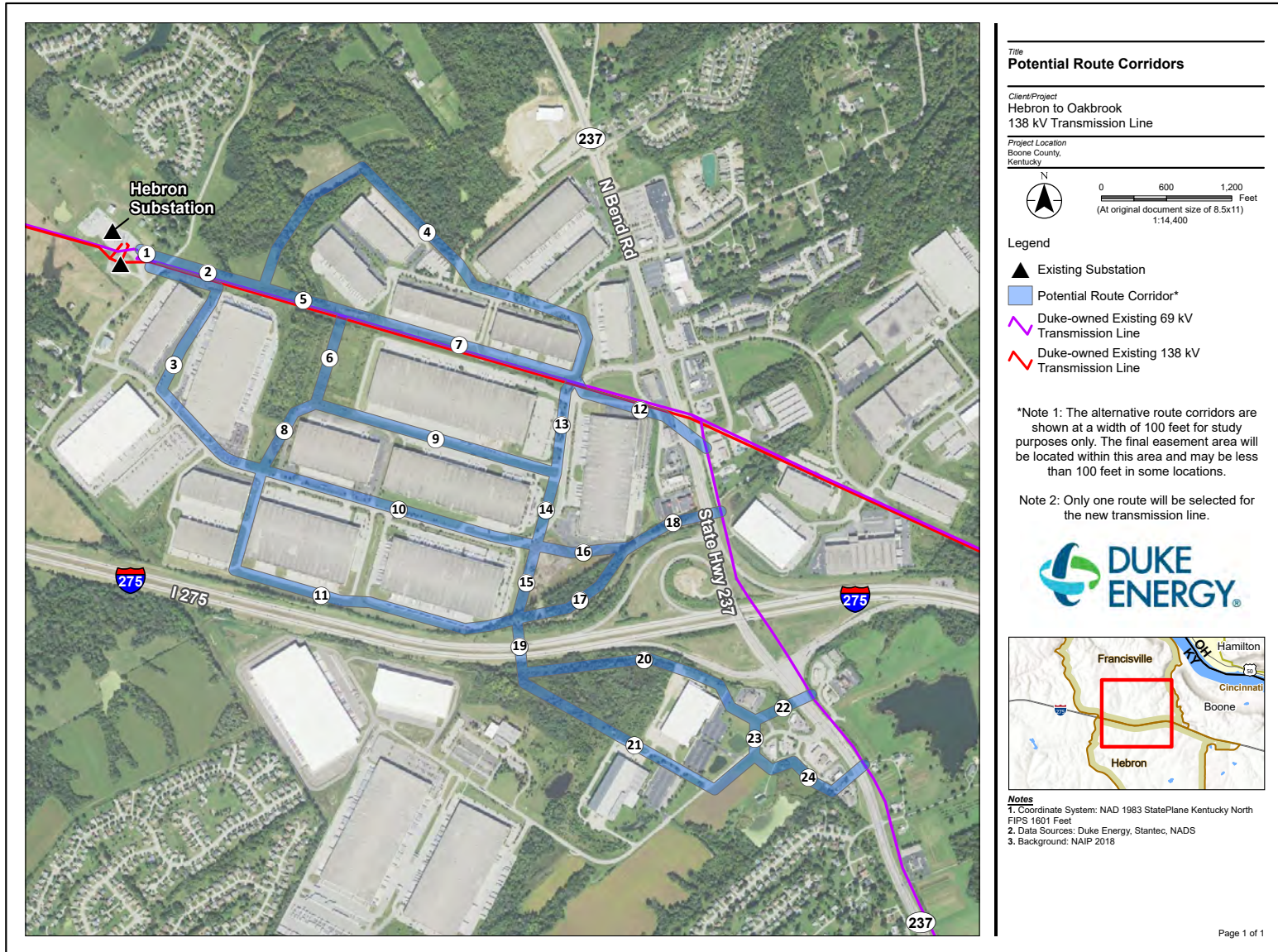
Sincerely,

A handwritten signature in black ink, appearing to read "Chris Gruber", written over a light gray rectangular background.

Chris Gruber

Senior Project Manager for Duke Energy

Enclosure





Transmission - Public Engagement
EX552 | 315 Main Street
Cincinnati, OH 45202



Join us!

Monday, March 7, 2022
6-7 p.m.

Tuesday, March 8, 2022
7-8 p.m.

Pre-register:
duke-energy.com/Hebron

You're Invited: Hebron to Oakbrook Reliability Project Virtual Public Meeting

Impacted counties: Boone County, Ky.

FIRST-CLASS
PRESORT
U.S. POSTAGE
PAID
CITY, STATE
PERMIT NO. 00

<<First Name>> <<Last Name>>
<<Street Address>>
<City>>, <<State>> <<ZipCode>>



Join us!

Monday, March 7, 2022
6-7 p.m.

Tuesday, March 8, 2022
7-8 p.m.

Pre-register:
duke-energy.com/Hebron



Please join us to learn more about Duke Energy's Hebron Electric Reliability Project.

Duke Energy invites you to a virtual public information meeting to get your input on potential routes under consideration for a new transmission line Boone County. The 1.1 to 2.5-mile Hebron to Oakbrook Reliability Project will upgrade the electric system by building a new 69-kilovolt (kV) transmission line between the company's Hebron and Oakbrook substations in Boone County.

You are receiving this invitation because you are a property owner within 500 feet of the centerline of one of the proposed routes under consideration. Our goal is to minimize impacts to personal property, homes, businesses, the environment and cultural resources.

Please visit the project website at duke-energy.com/Hebron to register for the virtual meeting.

You can also join the webinar by phone (in listen mode only) by calling **415.655.0003** and entering access code **2342 820 1581** on March 7 or access code **2339 436 4313** on March 8.

If you're unable to join us or if you have additional questions about the project, please contact us at the toll-free number or email address below. We can mail you the packet of information that will be shared at the virtual meeting.

Questions? Call Duke Energy at **888.827.5116** weekdays between 8 a.m. and 5 p.m. or email MWOHioTransmission@duke-energy.com.

We appreciate the opportunity to continue to meet the growing energy needs of your community.



Hebron to Oakbrook Reliability Project
Virtual Public Information Sessions, March 7 and 8, 2022





Dawn Fuller,
Senior Public Engagement
Manager



Cara Brooks,
Community Relations
Manager



Chris Gruber,
Project Manager



John Hurd,
Project Siting

Hebron to Oakbrook Reliability Project
www.duke-energy.com/Hebron





Dawn Fuller,
Engagement



Sally Thelen,
Corp. Communications



Cara Brooks,
Community Relations



Chris Gruber,
Project Manager



John Hurd,
Siting



Kim Craven,
Safety



Mark Sendelbach,
Real Estate



Sean Bill,
Asset Protection



Jacob Banfill,
Vegetation



Jeff Turner,
Planning



Dane Vandewater,
Permitting



John Rogers,
Engineering



Ken Quitter,
Construction

Q&A Session with Subject Matter Experts



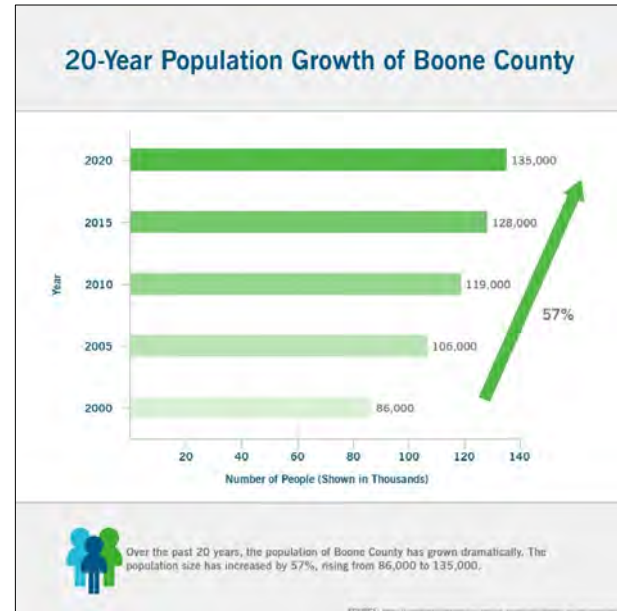
Duke Energy Kentucky Operations

- Serving Kentucky for nearly 170 years
- Throughout Kentucky and Ohio, we employ approximately 2,200 people
- Provide electric service to almost 145,000 customers in Boone, Campbell, Grant, Kenton and Pendleton counties
- More than 3,200 miles of transmission and distribution lines in Kentucky



Hebron to Oakbrook Reliability Project

- Boone County is the fastest growing county in the Commonwealth of Kentucky. This rapid growth will likely continue.
- Duke Energy must expand the local energy system to ensure continued reliability and capacity.
- A new 69-kilovolt (kV) transmission line is needed between the company's Hebron and Oakbrook substations.
- The new transmission line is part of a larger reliability project that will include rebuilding an existing 69-kV transmission line and its associated equipment from Limaburg Substation along Limaburg Road in Hebron to Burlington Pike in Burlington.



Benefits to the Community

This project will bring many benefits to the community such as:

- **Providing additional capacity**
- **Enhancing Duke Energy's ability to provide safe and reliable energy**
- **Allowing more flexibility for providing critical energy**
- **Improving the company's ability to reroute power**
- **Maintaining a robust system**



Transmission Line Details

- The new line will be approximately 1-2.25 miles in length
- Runs between Hebron Substation and State Highway 237
- The new line will carry 69-kV but the poles and equipment will be designed to carry 138-kV (flexibility to respond to future growth in the region)
- 3-phase transmission wires, some areas may have distribution underbuild
- Pole height typically ranges from 80 to 100 feet
- Easement widths are 70 feet roadside and 100 feet cross country



*Example of steel transmission poles – final design to be determined

Benefits of Steel Poles

- Galvanized steel poles last longer than wood utility poles
- Require less maintenance and inspections, as they're not prone to rot or insect or animal damage
- Improved design for lightning protection and can withstand higher wind speeds than traditional wood poles. Both attributes benefit the energy grid during inclement weather



*Example of steel transmission pole – final design to be determined

Factors Considered When Siting Transmission Lines



Community/Public Input

Open houses, surveys, informational meetings, toll-free lines, email comments/suggestions and customer letters



Cultural Resources

Archaeological resources, historic resources, historic districts and cemeteries



Water Resources

Wetlands, streams and flood plains



Land Use

Residential, commercial, industrial, major developments, schools, conservation lands and parks, existing linear facilities, airports and managed lands



Natural Resources

State and federal rare, threatened and endangered species



Occupied Buildings

Number of single-family residences in proximity of a purposed route



Land Cover

Forest woodland, mixed forest, grassland/pasture, freshwater urban development and urban residential



Visual Resources

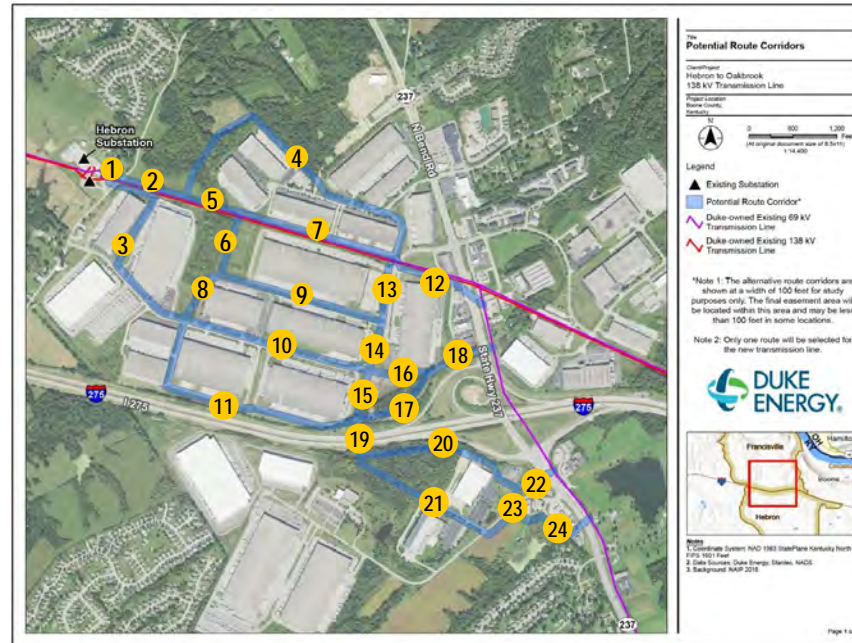
View shed analysis



Safety/Reliability/Cost

Protection from undue risks, compliance with regulations and established design criteria, ensuring uninterrupted availability of power

Route Alternatives Currently Being Considered



The preferred route will be announced later this summer.

What happens after a route is selected?

1. Public notification
2. Land surveys to identify other utilities
3. Environmental surveys
4. Geotechnical (soil borings)
5. Pole location staking
6. Easement acquisition



Easements

Duke Energy's electric transmission lines are located in both urban and rural areas. In most cases, the company does not own the land on which the facilities are located and has easement rights that allow Duke Energy **to use another person's property to construct, operate, maintain, repair, and replace electrical facilities**. The landowner may continue to use the easement area so long as the use is not inconsistent with the easement.



Typical Construction Process

1. Easement staking
2. Vegetation removal
3. Removal of other encroachments
4. Utility mark outs, pre-construction work
5. Equipment staging and pole delivery
6. Active construction
7. Temporary restoration
8. Final restoration (weather dependent)



Vegetation Management

Duke Energy uses an Integrated Vegetation Management (IVM) strategy. This strategy helps to provide safe and reliable service to our customers by eliminating the possibility of contact by vegetation which has grown toward or could fall into the overhead power lines.



Installing Structures and Stringing Lines



Installing transmission structures and lines can be similar to a typical construction site, with numerous crews, trucks and other equipment. Generally, property owners can anticipate skilled contractors and trade workers, who are subject to specific requirements, to work during daylight hours. We typically do not work during nighttime hours. A Duke Energy employee is assigned to each project as an inspector.



Heavy Trucks and Equipment – Large trucks with drilling equipment will be seen on site to construct pole foundations, structures arrive in sections and will be assembled onsite.



Stringing lines – Linemen will be on site attaching wires to the structures.

Residential and commercial outages are not anticipated during construction.



Restoration

- Our land agents will work with individual property owners to discuss restoration of private property.
- Initial restoration includes removing construction materials, leveling disturbed areas, and restoring with grass seed and straw after work is completed.
- Sometimes final restoration will have to wait for warmer weather.
- Restoration will be monitored for successful growth.



Tentative Project Schedule

Virtual Open
Houses
March 2022



Public Input
Window
April 7, 2022



Preferred Route
Announcement
June 2022



CPCN Filing
August/September 2022



Surveying and
Easement Acquisition
Through December
2022



Project Design
2023



Construction
2024

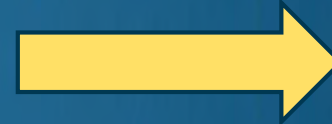


Restoration
2025



These dates are subject to change.

We are standing by to answer your questions. Please type them into the chat box on the right side of your screen.



Thank you for joining us to learn more about the Hebron to Oakbrook Reliability Project.



Dawn Fuller,
Engagement



Sally Thelen,
Corp. Communications



Cara Brooks,
Community Relations



Chris Gruber,
Project Manager



John Hurd,
Siting



Kim Craven,
Safety



Mark Sendelbach,
Real Estate



Sean Bill,
Asset Protection



Jacob Banfill,
Vegetation



Jeff Turner,
Planning



Dane Vandewater,
Permitting



John Rogers,
Engineering



Ken Quitter,
Construction

Q&A Session with Subject Matter Experts



30-Day Public Comment Period

March 7 through April 7, 2022

Please submit your questions and comments using any of the methods below.

Comment Form on Interactive Map



www.duke-energy.com/Hebron

Email



MWOhoTransmission@duke-energy.com

Phone



888.827.5116

We are committed to evaluating all input received during this comment period as part of our route selection process.



Hotline: 888.827.5116

Email: MWOhioTransmission@duke-energy.com

Website: duke-energy.com/Hebron

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

The Electronic Application of Duke Energy)
Kentucky, Inc. for a Certificate of Public)
Convenience and Necessity to Construct A) Case No. 2023-00239
138-kV Transmission Line And Associated)
Facilities In Boone County (Hebron to)
Oakbrook Transmission Line Project))

DIRECT TESTIMONY OF

YANTHI W. BOUTWELL

ON BEHALF OF

DUKE ENERGY KENTUCKY, INC.

September 13, 2023

TABLE OF CONTENTS

	<u>PAGE</u>
I. INTRODUCTION AND PURPOSE	1
II. OVERVIEW OF THE PROJECT AND SUMMARY OF NEED.....	3
III. PROJECT CONSTRUCTION	9
A. Transmission Line.....	9
B. Construction	14
IV. FILING REQUIREMENTS	17
V. FINANCIAL ASPECTS OF THE PROJECT	19
VI. REVIEW OF THE PROJECT AND STAKEHOLDER INPUT	20
VII. CONCLUSION	21

I. INTRODUCTION AND PURPOSE

1 **Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

2 A. My name is Yanthi W. Boutwell, and my business address is 139 East Fourth Street,
3 Cincinnati, Ohio 45202.

4 **Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?**

5 I am employed by Duke Energy Business Services, LLC (DEBS) as General
6 Manager of Midwest Transmission Resource & Project Management. DEBS
7 provides various administrative and other services to Duke Energy Kentucky, Inc.,
8 (Duke Energy Kentucky or Company) and other affiliated companies of Duke
9 Energy Corporation (Duke Energy).

10 **Q. PLEASE BRIEFLY DESCRIBE YOUR EDUCATIONAL AND**
11 **PROFESSIONAL BACKGROUNDS.**

12 A. I hold a Bachelor of Science and a Master of Science in Electrical Engineering from
13 the University of Alabama at Birmingham and a Master of Business Administration
14 from Xavier University. I am a licensed Professional Engineer in the states of Ohio,
15 Kentucky, Pennsylvania, and Alabama. I joined Duke Energy in 2001 and have
16 held various leadership and engineering roles within Transmission Engineering.
17 Prior to joining Duke Energy, I worked as an engineer for Alabama Power
18 Company in Birmingham, Alabama and for Allegheny Power in Greensburg,
19 Pennsylvania. I have design experience in transmission line, substation, Protection
20 & Control, and substation standards. In May of 2019, I became Director of
21 Transmission Resources & Project Management where I was responsible for
22 providing strategic direction relative to project and resource management to the

1 Transmission Department. In November of 2019, I assumed my current role as
2 General Manager of Transmission Resource & Project Management.

3 **Q. PLEASE SUMMARIZE YOUR DUTIES AS GENERAL MANAGER OF**
4 **MIDWEST RESOURCE & PROJECT MANAGEMENT.**

5 A. As General Manager of Midwest Resource & Project Management, I am
6 responsible for providing strategic direction relative to project and resource
7 management to the Transmission Department as it relates to project development
8 and execution, project portfolio management, and project controls. I am
9 accountable for the Midwest portion of the overall Transmission project portfolio
10 with large capital spending that equates to a portfolio of 100's of projects. I play a
11 key role in providing oversight on the Duke Energy Midwest Transmission capital
12 and Operation and Maintenance (O&M) budget. I serve as the department
13 management point of contact with other departments and organizations, both
14 internally and externally to the Company as it relates to Midwest Transmission
15 projects.

16 **Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE THE KENTUCKY**
17 **PUBLIC SERVICE COMMISSION?**

18 A. Yes. I previously provided testimony in support of the Company's Applications for
19 Certificates of Public Convenience and Necessity in Case Nos. 2019-00251 and
20 2019-00361.

1 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS**
2 **PROCEEDING?**

3 A. I am testifying in support of Duke Energy Kentucky's application for a certificate
4 of public convenience and necessity (CPCN) to build the Hebron to Oakbrook
5 Transmission Line Project (the Project). In doing so, I provide an overview of the
6 Project, Project need, details on Project components, and details on the Company's
7 compliance with the notice requirements for this proceeding. Finally, I sponsor
8 Confidential Exhibits 4, 15, and 17 and Exhibits 6, 11, 12, 13, 14, and 16 to the
9 Company's Application.

II. OVERVIEW OF THE PROJECT AND SUMMARY OF NEED

10 **Q. PLEASE BRIEFLY SUMMARIZE DUKE ENERGY KENTUCKY'S**
11 **PROPOSAL IN THIS APPLICATION.**

12 A. Duke Energy Kentucky is seeking authority to construct and operate a new single
13 circuit 138-kilovolt (kV) transmission line. The proposed line connects the existing
14 Duke Energy owned Hebron and Oakbrook Substations via a tie-in with a Duke
15 Energy-owned 69 kV line between the Limaburg and Oakbrook Substations. As
16 more fully explained by Company witness, John Hurd (see Exhibit 20 John K. Hurd
17 Testimony), Duke Energy Kentucky is seeking authority to construct and operate a
18 new single circuit 138 kilovolt (kV) capacity transmission line (circuit #15264).
19 The new circuit will utilize a portion of the existing #15268 69 kV transmission
20 line circuit, a portion of the existing #6763 69 kV transmission line circuit, and
21 approximately 2.1 linear miles of a proposed new transmission line portion. To
22 accommodate the new circuit, reconfigurations to the existing #6763 circuit and the

1 existing #15268 circuit will occur to minimize the new infrastructure required to
2 create this new circuit. The #15268 circuit that is currently a three-terminal circuit
3 between the Hebron, Constance, and Limaburg Substations will be split so that after
4 the project is complete, #15268 will only connect the Hebron and Constance
5 Substation while a portion of the existing Tap to Limaburg will be incorporated in
6 the proposed Hebron to Oakbrook circuit #15264. The #6763 circuit will be
7 reconfigured so that a portion of the circuit between Limaburg and Oakbrook
8 substation will be rebuilt and incorporated into the new Hebron to Oakbrook circuit
9 #15264. Another portion of the #6763 circuit between the Oakbrook Substation and
10 near Interstate 71/75 will be retired, and the remaining portion of the circuit on the
11 east side of the interstate will remain operational as it currently is built. Therefore,
12 this proposed new circuit would start at the Hebron Substation and begin with
13 approximately a proposed new 2.1-mile section, connect to an existing portion of
14 the #15268 circuit south of Interstate 275 to the existing Limaburg Substation, and
15 then utilize an approximately 1.5 mile section of the #6763 circuit which will be
16 rebuilt in place to 138 kV capacity. The new circuit will be energized to 69 kV
17 initially with future plans to energize to 138 kV. The individual portions of the
18 Project are described in Exhibit 20 (John K. Hurd Testimony). As a result of the
19 new circuit, the portion of circuit #6763 that currently feeds the Oakbrook
20 Substation will be retired. The retirement is discussed in further detail below. There
21 are no other current plans for upgrades to this existing section of the Duke Energy
22 Kentucky 69 kV Feeder circuit #15268 between the Limaburg Substation and the
23 point where the new 138 kV-constructed (69 kV-energized) line intersects the

1 existing line. It is anticipated that the loads in this region may eventually exceed
2 the capacity of the 69 kV system. At that time, this line section will be reconstructed
3 to enable operation at 138 kV and the Hebron to Oakbrook circuit will be converted
4 to 138 kV operation.

5 **Q. IN WHAT COUNTY IS THE PROJECT LOCATED?**

6 A. The Project will be in Boone County, Kentucky.

7 **Q. PLEASE DESCRIBE THE PATH OF THE PROPOSED NEW CIRCUIT**
8 **#15264 138-kV TRANSMISSION LINE.**

9 A. The Project location is shown in Exhibit 1. The proposed line begins at the Hebron
10 Substation, located west of the industrial/commercial complex along Graves Road.
11 The route exits the substation to the east, follows the existing transmission line
12 corridor and then turns south along Worldwide Boulevard. The route then crosses
13 Worldwide Boulevard and continues south to cross Interstate 275. Once across
14 Interstate 275, the route turns east, bisecting a parcel before following a parcel line
15 and then crossing Litton Lane. The route then follows Litton Lane and parcel
16 boundaries east before it crosses Highway 237 to meet the existing transmission
17 lines where it travels south to the Oakbrook Substation completing circuit #15264.

18 **Q. WHAT IS THE PURPOSE OF THE PROJECT AND WHY IS IT**
19 **NECESSARY?**

20 A. The purpose of the Project is to reinforce Duke Energy Kentucky's transmission
21 system that supplies the Company's service area west and south of the
22 Cincinnati/Northern Kentucky International Airport (CVG). Aero Substation is the
23 source of supply to the Amazon Air Hub as well as other loads in the area west and

1 south of CVG. Duke Energy Kentucky has recently completed several projects to
2 supply the Aero Substation via a 138 kV line extension to Aero from the
3 Woodspoint Substation. As part of this recent effort to reinforce the system, Aero
4 Substation was connected at 138 kV to the Oakbrook Substation, where it was tied
5 into the existing 69 kV system west of CVG via the installation of a 138-69 kV
6 transformer. As shown on Exhibit 14 this configuration of connection between the
7 Aero and Oakbrook substations enables the 138 kV source from Woodspoint
8 through Aero to support the 69 kV system, and also provides a source to Aero in
9 the event that the Woodspoint to Aero circuit experiences an interruption or is
10 otherwise unavailable for service. The existing 69 kV system has limited capacity
11 to support the loads supplied from Oakbrook and Aero if the Woodspoint to Aero
12 138 kV circuit is unavailable. Based on recent load growth trends, it appears that
13 the current system will not be able to supply all Oakbrook and Aero loads by the
14 summer of 2025. The 69 kV system also has limited capacity to support expected
15 load growth in the region to be supplied from the planned new Litton substation.
16 The proposed new circuit #15264 will provide sufficient capacity such that load
17 requirements of the area can be met without risk of overload.¹ Transmission
18 upgrade projects are not necessarily planned to exactly coincide with some
19 projected load. Duke Energy Kentucky believes it is prudent to have facilities
20 planned and installed based on reasonable expectations of load rather than waiting
21 for load to appear and then be caught short. Confidential Exhibits 15 and 17,

¹ See Confidential Exhibit 17.

1 prepared by Duke Energy Kentucky Customer Delivery and Transmission
2 engineers, demonstrate the high growth potential for this area.

3 After completion of the project, the upgraded system will have sufficient
4 capacity to meet the projected requirements of the area for several years.
5 Constructing the project for future operation at 138 kV will facilitate increasing the
6 capacity to the area when the area load exceeds the capacity that can be provided
7 at 69 kV.

8 The Litton substation project is not included as part of the application as it
9 is a separate standalone project from the Hebron to Oakbrook transmission line
10 project and the transmission line component of the Litton substation project was
11 significantly less than 1 mile in overall length.

12 **Q. WHEN IS THE PROPOSED IN-SERVICE DATE FOR THE PROJECT?**

13 A. The proposed in-service date for the Project is December 31, 2025.

14 **Q. COULD DUKE ENERGY KENTUCKY RELIABLY SERVE THE
15 ANTICIPATED NEW LOAD IN THE AREA WITHOUT THE PROJECT?**

16 A. No. The existing and planned electric infrastructure in the area would not reliably
17 support the future load, including that of the Amazon Prime Air Hub facility.
18 Without this Project, it is anticipated that a low-capacity section of an existing 69
19 kV circuit will be susceptible to overload during high-load and or other system
20 conditions. This susceptibility will require placing the system in a radial
21 configuration any time it is determined that the overload would occur for a
22 reasonably foreseeable event. This will subject various substations and the

1 customers supplied from them to interruption for events that would otherwise not
2 result in interruption, or to longer interruption rather than brief interruption.

3 **Q. COULD THE SERVICE TO BE FURNISHED BY THE PROJECT BE**
4 **REASONABLY PROVIDED BY REBUILDING AN EXISTING**
5 **TRANSMISSION LINE OR EXTENDING SERVICE FROM AN EXISTING**
6 **SUBSTATION?**

7 A. The low-capacity section of an existing 69 kV circuit is approximately 5 miles in
8 length and is routed through a heavily developed residential area. Rebuilding this
9 section to provide the needed capacity would have much greater impacts to the
10 public than the proposed project. It would also not provide the same capacity
11 benefits to the local system, nor the possibility to meet future needs via upgrade to
12 138 kV.

13 **Q. WHY WILL THE NEW LINE SECTION BE CONSTRUCTED TO ALLOW**
14 **FOR FUTURE CONVERSION TO 138 KV OPERATION?**

15 A. The capacity needs of the area can reliably be met by operating the new facilities
16 at 69 kV. Upon completion of the project, the potential overloads will be mitigated,
17 and the Duke Energy Kentucky 69 kV system in the vicinity will then have
18 sufficient capacity to serve the expected area load. Continued operation at 69 kV
19 minimizes the amount of work required to supply the area load requirements for
20 the foreseeable future. However, Duke Energy Kentucky anticipates that the load
21 in this area has the potential to continue to increase such that 69 kV supply will
22 become inadequate at some point.

1 The Company feels that it would be wasteful of resources and more
2 impactful to the public to build the new facilities capable of operation at only 69
3 kV and then return in 5 or 10 years and have to essentially completely rebuild the
4 same facilities to upgrade to operation at 138 kV. The 5 to 10 year figure for
5 possible conversion to 138 kV was provided as a rough estimate of the possible
6 need to do so, and the conversion will only be implemented if and when loading
7 conditions exceed the capacity of the 69 kV system.

8 By designing the line to 138 kV now it will require larger insulators and
9 slightly taller structures but everything else is the same. It would require the same
10 amount of labor, same type of wire, same access and construction needs. When the
11 line is uprated to 138 kV this section of line will not need to be redone in any way.
12 If it is designed and built to 69 kV now, all the structures and insulators would need
13 to be replaced and only the conductor could be reused. This would require
14 disturbing all the properties again for construction and replacing all the structures.

III. PROJECT CONSTRUCTION

A. Transmission Line

15 **Q. PLEASE DESCRIBE THE PROPOSED NEW TRANSMISSION LINE**
16 **PORTION OF THE PROJECT IN MORE DETAIL.**

17 A. Duke Energy Kentucky proposes to construct approximately 2-miles of new single
18 circuit 138 kV transmission line in Boone County, Kentucky. The new line will
19 connect the existing Hebron Substation with the Oakbrook Substation via a tie-in
20 with a Duke Energy-owned 69 kV line along North Bend Road. The new electrical

1 transmission line will have approximately 34 galvanized steel monopoles installed
2 in private easements.

3 **Q. PLEASE DESCRIBE THE AREA THE PROPOSED LINE WILL**
4 **TRAVERSE.**

5 A. The area of the proposed line is located in the City of Francisville, Kentucky, and
6 the City of Hebron, Kentucky. The area is relatively hilly, with steep slopes (>20%)
7 surrounding much of the existing infrastructure. It is characterized by mixed
8 industrial and commercial development, interspersed by vacant wooded lots, and
9 residential areas. Existing development includes the Boone County public library,
10 suburban housing development, warehouse facilities, Hebron Fire Protection
11 District Station 2, Children's House Hebron, medical facilities, storage facilities,
12 restaurants, and other retail buildings. Major travel corridors include Interstate 275,
13 State Route 237, and Graves Road. Buried utilities, including water, sanitary sewer,
14 storm sewer, and gas lines are sited along most roadsides and under parking lots in
15 the area. There is one stream, Sand Run, and minimal presence of wetlands and
16 other jurisdictional waters or water features. Woodlots are present in the northern
17 portion of the area, along Sand Run, and throughout vacant lots in the southern
18 portion of the area.

19 **Q. PLEASE DESCRIBE THE PRINCIPAL TYPES OF STRUCTURES THAT**
20 **WILL BE USED FOR THE PROPOSED TRANSMISSION LINE.**

21 A. Structure types and numbers will be determined during final engineering, which
22 includes ground survey and geotechnical studies, and will depend upon terrain
23 crossed, spans, turning angles, and other engineering considerations. Based upon

1 preliminary engineering, the Company anticipates approximately 26 foundation
2 based galvanized steel poles and 50 direct embedded galvanized steel poles will be
3 required for the project. It is anticipated that angle and dead-end structures will
4 utilize either guy wires and anchors or foundations.

5 **Q. WHAT ARE THE PROJECTED HEIGHTS OF THE STRUCTURES THAT**
6 **WILL BE ERECTED AS PART OF THE PROJECT?**

7 A. The structure heights will vary depending on placement, terrain, and clearance
8 requirements. The transmission engineering design has the average height above
9 ground at approximately 80 feet.

10 **Q. PLEASE DESCRIBE THE TYPES OF CONDUCTORS THAT WILL BE**
11 **USED FOR THE PROPOSED TRANSMISSION LINE.**

12 A. The proposed structures will have one 138 kV transmission circuit supporting a
13 total of three phase conductors and one overhead ground/shield wire. In addition,
14 the design incorporates potential distribution under build to further enhance the
15 distribution system in some of the locations. The phase conductors will utilize 954
16 kcmil aluminum conductor steel-reinforced (ACSR) conductor.

17 **Q. WHAT IS THE STATUS OF THE ENGINEERING AND DESIGN WORK**
18 **FOR THE HEBRON TO OAKBROOK 138-kV TRANSMISSION LINE?**

19 A. Engineering and design work are ongoing and will be finalized once surveying and
20 property rights are obtained. Duke Energy Kentucky has hired a contractor to
21 perform surveys on underground utilities based on the commercial area. Structures
22 may require minor field changes to accommodate any additional identified utility
23 during construction.

1 **Q. WHAT IS THE WIDTH OF THE RIGHT-OF-WAY FOR THE PROPOSED**
2 **LINE?**

3 A. Where the proposed transmission line is cross country, the standard right-of-way
4 for new lines is 100 feet. Where the proposed transmission line is parallel and
5 adjacent to existing road right-of-way, the right-of-way guidelines for new lines is
6 70 feet.

7 For the preferred route in yellow as shown on Exhibit 1, where we parallel
8 an existing 138kV/69kV tower line we would utilize the existing easement and
9 acquire additional easement as needed. For the section of preferred route not
10 parallel to the tower line we would utilize our Duke Energy Kentucky standard
11 easement widths. For the rebuild section, the structures would be designed for
12 138kV but initially energized to 69kV until a later time. They would not be co-
13 located. ROW needs on the rebuilt section would be acquired on an as needed basis
14 during detailed design.

15 The proposed new ROW is typically 100 ft. in width. The ROW can be
16 reduced to 70 ft. wide when the proposed ROW is parallel and adjacent to an
17 existing road ROW. The road ROW provides two main benefits to allowing a
18 smaller ROW. First, the road ROW provides some protection because new above
19 ground development such as buildings is limited or prohibited. Second, the road
20 ROW also provides the ability to access the ROW for construction and operations
21 and maintenance activities.

1 **Q. WILL THE PROPOSED LINE'S RIGHT-OF-WAY EXCEED 100 FEET IN**
2 **SOME CIRCUMSTANCES?**

3 A. No. It is not anticipated that a greater right-of-way width will be needed.

4 **Q. WHAT RIGHT-OF-WAY ACTIVITIES HAS DUKE ENERGY**
5 **KENTUCKY UNDERTAKEN TO DATE?**

6 A. Letters announcing the preferred route have been sent to property owners within
7 100 feet of the selected route notifying them of the placement of the line within or
8 near their property. This letter included the 10-day notification in compliance with
9 KRS 416.560(4) which has allowed engineering, testing, and surveying to proceed
10 with site visits to gather additional details to continue the design of the route. A bid
11 event is in progress for selecting a land acquisition vendor to start contacting
12 property owners in 2023.

13 **Q. DUKE ENERGY KENTUCKY FILED MAPS ILLUSTRATING THE**
14 **CENTERLINE OF THE PROPOSED TRANSMISSION LINE AS EXHIBIT**
15 **8 TO ITS APPLICATION. COULD THAT CENTERLINE CHANGE?**

16 A. Yes. However, no change is anticipated at the time of filing, but discussions with
17 property owners during the easement acquisition process could result in the
18 adjustment of the centerline. Duke Energy Kentucky will work with property
19 owners to minimize impacts and accommodate preferences to the extent practical.
20 Underground utilities could shift the centerline slightly during final engineering and
21 construction. The proposed centerline of the right-of-way for the new portion of the
22 transmission line is shown on Exhibit 8. The centerline for the rebuild portion of
23 the Project will likely not change, see Exhibit 10. Duke Energy Kentucky seeks

1 authority to place the centerline and associated right-of-way in the filing corridor if
2 required based on field conditions encountered.

3 **Q. WHAT IS THE WIDTH OF THE FILING CORRIDOR?**

4 A. The width of the Filing Corridor is 200 feet. This corridor would allow for 50 feet
5 on either side of the proposed right-of-way to account for adjustments required
6 during finalized negotiations with landowners and access needs. This does not
7 include construction access if alternative access is required.

B. Construction

8 **Q. WHEN DOES DUKE ENERGY KENTUCKY PROPOSE TO BUILD THE**
9 **TRANSMISSION LINE IF THE CERTIFICATE IS GRANTED?**

10 A. Construction on the line would begin in Fall of 2024 pending easement acquisition.
11 The line is scheduled to be energized by end of 2025 and restoration of these
12 construction areas will continue into spring of 2026. Retirement of the current 69
13 kV structures will occur throughout 2026.

14 **Q. WILL THE COMPANY NEED TO OBTAIN ANY PERMITS FOR**
15 **CONSTRUCTION OF THE PROJECT?**

16 A. Yes. There are several permits that Duke Energy Kentucky has or is in the process
17 of obtaining. Duke Energy Kentucky witness John K. Hurd fully describes the
18 required permits in his Direct Testimony (Exhibit 20).

19 Duke Energy Kentucky has active electric franchises in many of the
20 communities that will be affected by the electric transmission line construction. It
21 is my understanding that those franchises are filed with the Commission. To the
22 extent any of these local communities require additional construction permitting,

1 the Company will follow those local rules and work with the communities to obtain
2 any and all necessary permits prior to beginning actual construction.

3 **Q. PLEASE BRIEFLY DESCRIBE HOW THE COMPANY WILL EXECUTE**
4 **AND COMPLETE CONSTRUCTION UNDER THE PROJECT.**

5 A. Duke Energy Kentucky will use both Company and contractor crews where
6 appropriate to complete this Project. If contractor crews are deployed, awarding of
7 contracts will be accomplished through Company contractors that have
8 successfully accomplished work in prior construction projects. Duke Energy
9 Kentucky will use industry standard equipment, materials, and designs to construct
10 the Project in accordance with the work specifications.

11 **Q. IS DUKE ENERGY KENTUCKY SEEKING DISCRETION TO LOCATE**
12 **THE TRANSMISSION LINE AND RIGHT-OF-WAY WITHIN THE**
13 **PROPOSED FILING CORRIDOR?**

14 A. Duke Energy Kentucky is seeking authority to move the electric transmission line
15 and associated right-of-way only within the indicated Filing Corridor.

16 **Q. WILL THE COMMISSION BE INFORMED OF THE FINAL LOCATION**
17 **OF THE LINE AND THE ADJACENT RIGHTS-OF-WAY?**

18 A. Yes. Duke Energy Kentucky will file with the Commission a revised plan showing
19 the location of the proposed line and structures upon the completion of construction.

20 **Q. PLEASE DESCRIBE THE CONSTRUCTION OF THE TRANSMISSION**
21 **LINE.**

22 A. Construction of the transmission line will start with installation of erosion and
23 sediment controls followed by tree clearing and vegetation removal along the

1 proposed right-of-way. Once the site is cleared, access roads will be installed as
2 needed. Since the proposed route is along established roads and near stable surfaces
3 these may be utilized, and public roads could be used. A drill rig will set up at each
4 location to dig the hole for each structure. Some structures will be directed
5 embedded, and others will have concrete foundations requiring concrete trucks
6 come to the site to pour concrete into the hole and cure prior to the structure being
7 erected. Structures are then erected with cross arms and pulleys installed. After all
8 structures are set, pull ropes will be strung through each pulley for conductors to be
9 strung. Once conductor is pulled in insulators will be installed with the conductor
10 clipped in. After the line is energized and work is complete, the site will be restored.

11 **Q. WILL ANY EQUIPMENT OR INFRASTRUCTURE BE RETIRED AS**
12 **PART OF THE PROJECT?**

13 A. Yes. As a result of the new circuit, the portion of existing circuit #6763 that
14 currently feeds the Oakbrook Substation will be retired. Approximately 6 miles of
15 this circuit will be retired from the Oakbrook Substation along KY 18 south towards
16 Interstate 71/75 along Weaver Road. The transmission conductor and insulators
17 will be removed, and the poles will be cut to allow the distribution circuits on the
18 poles to remain. Figure 14 depicts the retirement of circuit #6763.

19 From a transmission standpoint, circuit 6763 is functionally obsolete in the
20 section identified to be retired of Spring 2026. The plan is to retire transmission
21 circuit 6763 from the structures, and the distribution class equipment will remain
22 in-service. The section of line was originally built in the early 1960's and there have
23 been multiple transmission components (conductor, static, hardware, etc.) in

1 addition to poles and crossarms identified and required emergent replacement. Any
2 upgrades to the transmission conductors and/or static would require a complete
3 rebuild of the line section. Additionally, the existing easement widths do not meet
4 current transmission standards for this voltage class and are more appropriate for
5 distribution class electrical requirements.

6 Existing distribution circuits along Buffington #6763 will remain in place.
7 Once the transmission conductor is removed, the top section of the pole will be cut
8 leaving the pole with distribution asset only. At this point of the design, most poles
9 are to remain in place to support distribution assets. If the design identifies poles
10 that have no distribution assets, we will relinquish easements associated with those
11 transmission poles. Near the Oakbrook Substation, the structures along and closest
12 to KY 18 will be removed except the ones that have distribution lines on them.
13 Once the rebuild of the section of line from Limaburg to Oakbrook is complete,
14 6763 circuit will be retired which is to be completed in Spring of 2026.

IV. FILING REQUIREMENTS

15 **Q. DID DUKE ENERGY KENTUCKY COMPLY WITH THE**
16 **REQUIREMENTS OF 807 KAR 5:120, SECTION 2(3) BY PROVIDING**
17 **NOTICE TO ADJOINING LANDOWNERS WHOSE PROPERTY MIGHT**
18 **BE AFFECTED BY THE PROJECT?**

19 **A.** Yes. Duke Energy Kentucky mailed notices to the owners of record for all parcels
20 within the proposed right-of-way and the filing corridor.

1 **Q. WHEN WAS THE LANDOWNER NOTICE MAILED?**

2 A. The landowner notification was mailed on July 18th, 2023. The list of landowners
3 within the proposed right-of-way and filing corridor to whom the notice was mailed
4 is attached to the application in Exhibit 12. The required verification of mailing is
5 attached to the application in Exhibit 11.

6 **Q. DID THE NOTICE CONTAIN THE INFORMATION REQUIRED BY 807**
7 **KAR 5:120, SECTION 2(3)(A)-(E)?**

8 A. Yes. The form of the notice is attached to the application as Exhibit 12.

9 **Q. DID DUKE ENERGY KENTUCKY PUBLISH THE REQUIRED NOTICE**
10 **IN THE NEWSPAPER OF RECORD?**

11 A. Yes. A copy of the notice and publication affidavit is provided as Exhibit 13.

12 **Q. IN ACCORDANCE WITH 807 KAR 5:001, SECTION 14(2), IS DUKE**
13 **ENERGY KENTUCKY, A CORPORATION INCORPORATED IN**
14 **KENTUCKY, CURRENTLY IN GOOD STANDING?**

15 A. Yes. Duke Energy Kentucky is a Kentucky corporation originally incorporated on
16 March 20, 1901 and is currently in good standing. A certified copy of Duke Energy
17 Kentucky's certificate of good standing from the Kentucky Secretary of State is
18 most recently on file with the Commission in Case No. 2023-00283.²

² *In the Matter of the Electronic Application of Duke Energy Kentucky, Inc. for Authorization of Changes in Service Territory with Owen County Electric Cooperative*, Application, Case No. 2023-00283 (Ky.PSC Aug. 31, 2023).

V. FINANCIAL ASPECTS OF THE PROJECT

1 **Q. WHAT IS THE PROJECTED COST OF THE PROJECT?**

2 A. The overall Project is estimated to cost approximately \$35 million. That sum
3 comprises the construction of the overhead line, including right-of-way acquisition
4 and the retirement of a portion of existing circuit #6763. Costs are summarized in
5 Exhibit 6.

6 **Q. DOES THE \$35 MILLION COST ESTIMATE DESCRIBED ABOVE AND**
7 **SET OUT IN THE APPLICATION REPRESENT A FIXED AND FINAL**
8 **COST?**

9 A. No. The \$35 million provided in Exhibit 6 is based on a Class 4 estimate that
10 represents plus 50 percent and minus 30 percent. This estimate will be further
11 refined once engineering is finalized and prior to start of construction. The final
12 cost for the Project will not be known until all work is complete and the right-of-
13 way is restored.

14 **Q. WHAT IS THE PROJECTED COST OF OPERATION FOR THE**
15 **PROPOSED FACILITIES AFTER THEY ARE COMPLETED?**

16 A. Duke Energy Kentucky projects the annual operating cost will be on average
17 approximately \$10,000 for general maintenance and inspection.

VI. REVIEW OF THE PROJECT AND STAKEHOLDER INPUT

1 **Q. IS THE PROJECT DENOMINATED BASELINE OR SUPPLEMENTAL**
2 **PJM INTERCONNECTION LLC?**

3 A. This will be considered a Supplemental Project. PJM Supplemental Project Number
4 s1782.1.

5 **Q. PLEASE EXPLAIN WHAT BEING A SUPPLEMENTAL PJM PROJECT**
6 **MEANS.**

7 A. Supplemental projects are expansions of the system that do not address reliability
8 criteria, but other needs. This need includes items like equipment condition,
9 performance and risk, operational flexibility and efficiency, infrastructure
10 resilience, and customer service. The driver for this Project is customer service and
11 being able to meet a customer's schedule for when it will need electric service.

12 **Q. IS DUKE ENERGY KENTUCKY RELYING ON THE PJM REVIEW OF**
13 **THE PROJECT TO DEMONSTRATE THE NEED FOR THE PROJECT?**

14 A. No. As a supplemental project, the project is justified by Duke Energy Kentucky to
15 meet internal criteria, in this case provision of service to retail customers. PJM
16 performed a "do-no-harm" analysis to determine if the proposed project could
17 necessitate any other system projects or modifications. The PJM "do-no-harm"
18 analysis is intended to verify that a supplemental project proposed by Duke Energy
19 Kentucky does not cause any baseline violations on the bulk electric system. No
20 analysis is provided by PJM, beyond notification by PJM that no such violations
21 are found. PJM notified Duke Energy Kentucky of that finding. Please see

1 Confidential Exhibit 17 which presents the transmission analysis that identifies the
2 contingencies that will be cured by the proposed project.

3 **Q. HAVE RELEVANT STAKEHOLDERS BEEN AFFORDED AN**
4 **OPPORTUNITY TO PROVIDE INPUT REGARDING THE PROPOSED**
5 **TRANSMISSION LINE ROUTE?**

6 A. Yes. Duke Energy Kentucky has consulted with stakeholders using formal
7 correspondence with regulatory agencies, in person meetings with local officials,
8 two virtual open houses for landowners and other members of the community, and
9 an online mapping, toll-free hotline, and comment website.

VII. CONCLUSION

10 **Q. WERE EXHIBITS 4, 6, 11, 12, 13, 14, 15, 16, AND 17, PREPARED UNDER**
11 **YOUR DIRECTION AND CONTROL?**

12 A. Yes.

13 **Q. PLEASE EXPLAIN CONFIDENTIAL EXHIBIT 4.**

14 A. Confidential Exhibit 4 are Duke Energy in the Midwest (Duke Energy Indiana,
15 Duke Energy Kentucky, and Duke Energy Ohio) standard structure details for 138-
16 kV electrical structures. Final engineering would use a combination of these
17 standard structures to construct the line.

18 **Q. PLEASE EXPLAIN EXHIBIT 6.**

19 A. Exhibit 6 includes the breakdown of the estimated projects costs.

20 **Q. PLEASE EXPLAIN EXHIBIT 11.**

21 A. Exhibit 11 includes a verified statement that, according to county property
22 valuation administrator records, each property owner over whose property is within

1 the filing corridor has been sent by first-class mail, addressed to the property owner
2 at the owner's address as indicated by the county property valuation administrator
3 records, or hand delivered, a letter notifying them of the proposed transmission line,
4 where to obtain more information, and their rights to submit written comments,
5 requests for intervention, and/or a public hearing.

6 **Q. PLEASE EXPLAIN EXHIBIT 12.**

7 A. Exhibit 12 includes a sample copy of the notice provided to a property owner and
8 a list of the names and addresses of the property owners to whom the notice has
9 been sent as well as a detailed map that corresponds to the list of property owners.

10 **Q. PLEASE EXPLAIN EXHIBIT 13.**

11 A. Exhibit 13 includes a copy of the notice of the intent to construct the proposed
12 transmission line that has been published in a newspaper of general circulation in
13 the county or counties in which the construction is proposed.

14 **Q. PLEASE EXPLAIN EXHIBIT 14.**

15 A. Exhibit 14 shows the current transmission components in the area as well as the
16 Project components on an aerial map. This exhibit shows where the Project is
17 located in association with other existing Duke Energy transmission lines.

18 **Q. PLEASE EXPLAIN CONFIDENTIAL EXHIBIT 15.**

19 A. Confidential Exhibit 15 demonstrates the high growth potential for this area.

20 **Q. PLEASE EXPLAIN EXHIBIT 16.**

21 A. Exhibit 16 shows the proposed transmission line along with the recently
22 constructed Woodspoint Substation, Aero Substation, Oakbrook to Aero
23 Transmission Line, and Woodspoint to Aero Transmission Line.

1 **Q. PLEASE EXPLAIN CONFIDENTIAL EXHIBIT 17.**

2 A. Confidential Exhibit 17 presents the transmission analysis that identifies the
3 contingencies that will be cured by the proposed project.

4 **Q. DOES THIS CONCLUDE YOUR PRE-FILED DIRECT TESTIMONY?**

5 A. Yes.

VERIFICATION

STATE OF OHIO)
)
COUNTY OF HAMILTON) **SS:**

The undersigned, Yanthi W. Boutwell, General Manager Transmission Resource & Project Management, being duly sworn, deposes and says that she has personal knowledge of the matters set forth in the foregoing testimony and that it is true and correct to the best of her knowledge, information and belief.

Yanthi W. Boutwell
Yanthi W. Boutwell Affiant

Subscribed and sworn to before me by Yanthi W. Boutwell on this 22nd day of August, 2023.

Emilie Sunderman
NOTARY PUBLIC

My Commission Expires: July 8, 2027



EMILIE SUNDERMAN
Notary Public
State of Ohio
My Comm. Expires
July 8, 2027

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

The Electronic Application of Duke Energy)
Kentucky, Inc. for a Certificate of Public)
Convenience and Necessity to Construct A) Case No. 2023-00239
138-kV Transmission Line And Associated)
Facilities In Boone County (Hebron to)
Oakbrook Transmission Line Project))

DIRECT TESTIMONY OF

JOHN K. HURD

ON BEHALF OF

DUKE ENERGY KENTUCKY, INC.

September 13, 2023

TABLE OF CONTENTS

	<u>PAGE</u>
I. INTRODUCTION AND PURPOSE	1
II. THE SITING STUDY.....	3
A. Overview	3
B. New 138 kV Transmission Line	7
III. RESULTS OF THE STUDY	15
IV. PERMITTING AND ENVIRONMENTAL STUDIES	20
V. CONCLUSION	22

I. INTRODUCTION AND PURPOSE

1 **Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

2 A. My name is John K. Hurd, and my business address is 139 East Fourth Street,
3 Cincinnati, Ohio 45202.

4 **Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?**

5 A. I am employed by Duke Energy Business Services, LLC (DEBS) as the Director of
6 Stakeholder Engagement. DEBS provides various administrative and other services
7 to Duke Energy Kentucky, Inc., (Duke Energy Kentucky or Company) and other
8 affiliated companies of Duke Energy Corporation (Duke Energy).

9 **Q. PLEASE BRIEFLY DESCRIBE YOUR EDUCATIONAL BACKGROUND
10 AND BUSINESS EXPERIENCE.**

11 A. I received a Bachelor of Science degree in Physical Geography in 2004 and a
12 Master's degree in Geography in 2007 from the University of Cincinnati. I received
13 a certificate in Geographic Information Systems (GIS) from the University of
14 Cincinnati in 2006. In 2014 I was certified as a Geographic Information Systems
15 Professional (GISP) from the GIS Certificate Institute (GISCI). I began my
16 professional career at URS Corporation as a GIS analyst supporting the siting and
17 permitting of electric and gas utility projects. In 2007, I became a project manager
18 at URS Corporation leading the siting and permitting of transmission line and
19 substation projects. In 2012, I joined CH2M Hill as a project manager for siting and
20 permitting transmission line and substations and in 2013 became a GIS manager. I
21 joined Duke Energy as a Transmission Siting Specialist in 2018 and was promoted
22 to a Lead Transmission Siting Manager in 2019. In 2023 I was promoted to the

1 Director of Stakeholder Engagement for Ohio and Kentucky.

2 **Q. PLEASE SUMMARIZE YOUR DUTIES AS DIRECTOR OF**
3 **STAKEHOLDER ENGAGEMENT.**

4 A. I am responsible for leading the team of engagement managers for Ohio and
5 Kentucky. In my Lead Transmission Siting Manager position I was responsible for
6 leading the siting and routing studies needed for new or relocated substations and
7 transmission lines in Duke Energy's Midwest Territory, which includes Kentucky,
8 Ohio, and Indiana.

9 **Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE THE KENTUCKY**
10 **PUBLIC SERVICE COMMISSION?**

11 A. Yes. I recently provided testimony in support of the Company's Applications in
12 Case No. 2019-00251 and No. 2019-00361.

13 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS**
14 **PROCEEDING?**

15 A. I am testifying in support of Duke Energy Kentucky's application for a certificate
16 of public convenience and necessity (CPCN) to build the Hebron to Oakbrook
17 Transmission Line Project (the Project). In doing so, I describe the methodology
18 used by Duke Energy Kentucky in conducting the siting study that was used to
19 identify and evaluate the various transmission line route alternatives. I describe the
20 results and conclusions of the siting study as well as the basis for the recommended
21 proposed route. Finally, I sponsor Exhibits 1, 2, 3, 7, 8, 9, 10, and 18 to the
22 Company's Application, which I describe below.

II. THE SITING STUDY

A. Overview

1 **Q. PLEASE PROVIDE A BRIEF SUMMARY OF THE PROJECT AND ITS**
2 **PURPOSE.**

3 A. Duke Energy Kentucky is seeking authority to construct and operate a new single
4 circuit 138 kilovolt (kV) transmission line, circuit #15264; (the Project). The new
5 circuit will utilize a portion of the existing #15268 69 kV transmission line circuit,
6 a portion of the existing #6763 69 kV transmission line circuit, and approximately
7 2.1 linear miles of a proposed new transmission line portion. To accommodate the
8 new circuit, reconfigurations to the existing #6763 circuit and the existing #15268
9 circuit will occur to minimize the new infrastructure required to create this new
10 circuit. The #15268 circuit that is currently a three-terminal circuit between the
11 Hebron, Constance, and Limaburg Substations will be split so that after the project
12 is complete, #15268 will only connect the Hebron and Constance Substation while
13 a portion of the existing Tap to Limaburg will be incorporated in the proposed
14 Hebron to Oakbrook circuit #15264. The #6763 circuit will be reconfigured so that
15 a portion of the circuit between Limaburg and Oakbrook substation will be rebuilt
16 and incorporated into the new Hebron to Oakbrook circuit #15264. Another portion
17 of the #6763 circuit between the Oakbrook Substation and near Interstate 71/75 will
18 be retired, and the remaining portion of the circuit on the east side of the interstate
19 will remain operational as it currently is built. Therefore, this proposed new circuit
20 would start at the Hebron Substation and begin with approximately a proposed new
21 2.1-mile section, connect to an existing portion of the #15268 circuit south of

1 Interstate 275 to the existing Limaburg Substation, and then utilize an
2 approximately 1.5 mile section of the #6763 circuit which will be rebuilt in place
3 to 138 kV capacity. The new circuit will be energized to 69 kV initially with future
4 plans to energize to 138 kV. The individual portions of the Project are described in
5 more detail below.

6 As a result of the new #15264 circuit, a portion of circuit #6763 will be
7 retired (Exhibit 14). The retirement is discussed in further detail in Exhibit 19
8 (Yanthi W. Boutwell Testimony).

9 As more fully explained by Ms. Boutwell, the purpose of the Project is to
10 address expected load growth and reliability concerns within Boone County. This
11 Project will add capacity for future growth in the region, increase reliability by
12 providing alternatives for operations during planned or unexpected outages, allow
13 flexibility for providing critical energy, and help maintain a robust system for
14 supplying and delivering electric service. Future plans to account for expected load
15 growth include energizing the new line to 138 kV. The Project location is shown in
16 Exhibit 1.

17 **Q. PLEASE PROVIDE A BRIEF SUMMARY OF THE REBUILD PORTION**
18 **OF THE PROJECT.**

19 A. The Project proposes to rebuild approximately 1.5 miles of Duke Energy Kentucky
20 owned circuit #6763 in place from the Limaburg Substation south along Limaburg
21 Road in Hebron to Burlington Pike in Burlington (structure HL800). The rebuild
22 will be designed to 138 kV standards but will initially be energized to 69 kV, like
23 the remainder of the new circuit. The rebuild will consist of retiring approximately

1 29 wood poles and 12 light duty steel poles and installing 38 light duty steel poles
2 with distribution under build. The rebuild portion of the Project is shown in Exhibit
3 3.

4 **Q. WHAT IS THE PURPOSE OF THE REBUILD PORTION OF THE**
5 **PROJECT**

6 A. The rebuild portion of the Project is required to meet capacity needs and is part of
7 a larger Duke Energy Kentucky reliability project. This section of the existing
8 #6763 circuit will have the conductor replaced to increase the capacity. The portion
9 that is being replaced is currently built to 69 kV standards; however, because future
10 plans to accommodate expected growth include energizing the new #15264 circuit
11 to 138 kV.

12 **Q. WHAT IS THE PURPOSE OF A SITING STUDY?**

13 A. The purpose of a siting study is to select a preferred route for the new electrical
14 transmission facility that minimizes impacts to the natural and built environment
15 while also optimizing Duke Energy Kentucky's business needs. The siting study
16 methodology can vary depending on the nature of the project and study area (Siting
17 Study Area).

18 **Q. PLEASE DESCRIBE HOW THE SITING STUDY WAS CREATED.**

19 A. The first step in the siting study was for the siting team to establish a Siting Study
20 Area for the vicinity of load needs with input from planning on system reliability
21 and to create siting guidelines that served to direct the decision-making process.
22 For this Project, it was determined the Siting Study Area would be a 1.6-square
23 mile area surrounding the existing Hebron Substation, the Graves Road and

1 Interstate 275 interchange, and the Highway 237/North Bend Road and Interstate
2 275 interchange. The Siting Study Area is shown in Exhibit 2 in the Application. A
3 broad array of data was then compiled to help the siting team identify opportunities
4 and constraints for siting the new transmission line. Opportunities and constraints
5 included information on ecology, engineering, land use, and cultural resources in
6 the Siting Study Area. Members of the siting team then created a segment network
7 that could later be combined into route alternatives that minimized impacts to siting
8 constraints and took advantage of siting opportunities. This segment network was
9 viewed in the field from public vantage points and opportunities and constraints
10 data were verified at this time to the extent possible. The segment network was then
11 reviewed by the full siting team, updated as necessary, and presented to the public
12 in virtual open houses on March 7, 2022, and March 8, 2022. During the open
13 houses, and for the following 30-day comment period, the siting team received
14 comments from the public. The siting team used this data collection process to
15 create 29 route alternatives for analysis. The analysis consisted of applying weights
16 to criteria considered important to siting electrical transmission lines in this area,
17 normalizing the output, and combining the values to establish a single composite
18 score for each route. Following the analysis, the routes were ranked and reviewed
19 along with qualitative criteria, including public feedback and stakeholder
20 correspondence, to determine the preferred route. Each step in this process is further
21 described in the accompanying Transmission Line Route Selection Study is
22 included in Exhibit 7.

1 **Q. PLEASE DESCRIBE HOW THE SITING STUDY WAS CREATED?**

2 A. I led the siting study, but the siting team was multidisciplinary, consisting of
3 members from Duke Energy Kentucky and Stantec Consulting Services Inc.,
4 (Stantec) experienced in transmission line siting, planning, engineering,
5 construction, permitting, public engagement, project management, real estate, and
6 government and community relations.

7 **Q. WHAT ENTITIES PARTICIPATED IN THE CREATION AND DATA**
8 **COLLECTION FOR THE SITING STUDY?**

9 A. Duke Energy Kentucky and Stantec.

B. New 138 kV Transmission Line

10 **Q. WHAT METHODOLOGY WAS USED TO EVALUATE TRANSMISSION**
11 **ROUTES IN THE SITING STUDY?**

12 A. Duke Energy Kentucky used its standard methodology which includes a
13 quantitative and qualitative evaluations.

14 **Q. WHERE IS THE METHODOLOGY EXPLAINED IN THE SITING**
15 **STUDY?**

16 A. The methodology is explained in Section 2.0 Route Selection Methodology of the
17 Transmission Line Route Selection Study included in Exhibit 7.

18 **Q. WHY DID YOU USE THIS METHODOLOGY?**

19 A. The siting methodology that Duke Energy Kentucky utilized on this Project was
20 able to quickly identify all feasible potential route alternatives. Since the Project
21 end points were less than two (2) miles apart and there is considerable development

1 in the Siting Study Area, Duke Energy Kentucky was able to reasonably identify
2 all feasible route alternatives.

3 Other methodologies were considered, such as Kentucky EPRI
4 methodology. Both the Duke Energy Kentucky and the Kentucky EPRI
5 methodologies utilize Geographic Information Systems (GIS) and incorporate a
6 broad array of criteria that represent the built environment, natural environment,
7 and engineering considerations. Both rely on input from a multi-disciplinary group
8 of subject matter experts. Both aim to identify existing linear features to follow as
9 well as identify cross country alternatives and both methodologies utilize a
10 quantitative approach to compare route alternatives.

11 One of the differences between the two methodologies is the Kentucky
12 EPRI Methodology utilizes a raster-based GIS process to identify the study area
13 and alternative corridors and for this project the Duke Energy Kentucky siting team
14 identified the study area and route alternatives directly. The EPRI methodology
15 uses a stakeholder group to identify weights while the Duke Energy Kentucky
16 methodology uses direct feedback on the Project, as well as many years of public
17 feedback on similar projects combined with the siting team's subject matter
18 expertise to establish the criteria and weighting. The benefits of the Macro and
19 Alternative Corridor steps in the Kentucky EPRI Methodology are realized on
20 longer transmission lines where defining the study area and identifying alternative
21 corridors are more time consuming and complicated.

1 **Q. PLEASE EXPLAIN THE GENERAL STEPS OF THE SITING**
2 **METHODOLOGY USED IN THE SITING STUDY.**

3 A. In general, the siting study methodology consisted of six (6) steps:

4 1) Establish Siting Study Area and siting guidelines;

5 2) Compile data and map constraints;

6 3) Identify a segment network;

7 4) Solicit public comments;

8 5) Create and analyze route alternatives; and

9 6) Select a preferred route.

10 **Q. PLEASE DESCRIBE IN MORE DETAIL THE FIRST STEP USED BY THE**
11 **SITING TEAM.**

12 A. Duke Energy Kentucky's transmission planning group identified that the three-
13 terminal circuit at the Hebron Substation could be split into two, two-terminal
14 circuits and allow for separate circuits to provide power from the Hebron Substation
15 to the Oakbrook Substation and from the Hebron Substation to the Constance
16 Substation. It was established that this would be possible by constructing a new
17 transmission line that would connect into the existing circuit #15268 69 kV
18 transmission line.

19 The siting team then began by establishing a Siting Study Area that would
20 provide the opportunity to identify unique route alternatives for the new
21 transmission line (the portion from the Hebron Substation to the tie-in point along
22 the existing 15268 line). The siting team then met to create siting guidelines that

1 would steer the decision-making process for the Project. The Siting Study Area is
2 shown on the map in Exhibit 2.

3 **Q. PLEASE DESCRIBE THE TOPOGRAPHY AND LAND USE FOUND IN**
4 **THE SITING STUDY AREA.**

5 A. Approximately two thirds of the 1.6-square mile Siting Study Area is located in the
6 City of Francisville, Kentucky, with the remainder located in the City of Hebron,
7 Kentucky. The Siting Study Area is relatively hilly, with steep slopes (>20%)
8 surrounding much of the existing infrastructure. The Siting Study Area is
9 characterized by mixed industrial and commercial development, interspersed by
10 vacant wooded lots, and residential areas. Existing development includes the Boone
11 County public library, suburban housing development, warehouse facilities,
12 Hebron Fire Protection District Station 2, Children's House Hebron, medical
13 facilities, storage facilities, restaurants, and other retail buildings. Major travel
14 corridors include Interstate 275, State Route 237, and Graves Road. Buried utilities,
15 including water, sanitary sewer, storm sewer, and gas lines are sited along most
16 roadsides and under parking lots in the Siting Study Area. United States Fish and
17 Wildlife Service National Wetland Inventory (USFWS, NWI) data indicates the
18 presence of one stream, Sand Run, and minimal presence of wetlands and other
19 jurisdictional waters or water features. Woodlots are present in the northern portion
20 of the Siting Study Area, along Sand Run, and throughout vacant lots in the
21 southern portion of the Siting Study Area.

1 **Q. PLEASE DESCRIBE THE SECOND STEP IN THE SITING**
2 **METHODOLOGY IN MORE DETAIL.**

3 A. Data collection was the second step in the siting methodology. This included a
4 review of the constraint maps and data collection in the field.

5 **Q. PLEASE DESCRIBE THE DATA COLLECTION PROCESS AND**
6 **CONSTRAINTS MAPPING.**

7 A. Members of the siting team collected data on the natural and built environment for
8 the Siting Study Area from public data sets, agency correspondence, review of
9 aerial photography, and historic maps. Data were compiled in a project GIS. The
10 GIS was then used to produce maps that depicted the ecology, engineering, land
11 use and cultural resource features in the Siting Study Area. The siting lead and
12 members of the analysis team conducted field reconnaissance of the Siting Study
13 Area on multiple occasions from public vantage points to ground truth constraints
14 and opportunities identified during the data collection process.

15 **Q. PLEASE DESCRIBE THE THIRD STEP IN THE SITING**
16 **METHODOLOGY IN MORE DETAIL.**

17 A. The third step in the siting methodology was to identify siting corridors that
18 minimized impacts to the built and natural environment. The siting team then used
19 these corridors and field review of the Siting Study Area to create a segment
20 network that contained 27 feasible study segments. The siting team held several
21 internal meetings with a multi-disciplinary team of subject matter experts to review
22 and refine the study segments. A detailed field reconnaissance was then conducted

1 to verify adjacent buildings, natural features, and types of data that would later be
2 used in analysis.

3 **Q. PLEASE DESCRIBE THE FOURTH STEP IN THE SITING**
4 **METHODOLOGY IN GREATER DETAIL.**

5 A. The fourth step in the siting methodology was to solicit comments from members
6 of the local community. The siting team then sent an invitation to landowners
7 within 500 feet of a study segments to attend an informational open house. Two
8 virtual open houses were held on March 7 and March 8, 2022, and were staffed by
9 experts in transmission planning, permitting, GIS, siting, engineering, and real
10 estate. The open houses were designed to solicit comments and to give participants
11 a broad overview of the purpose and need for the Project, what the Project elements
12 are proposed to look like, the study segments under consideration, and the proposed
13 schedule for construction. Attendees were provided access to interactive mapping
14 to provide comments tied to specific parcels. The open house also initiated a 30-
15 day comment period during which community members could provide comment
16 by phone, email, or through an online interactive map for the Project.

17 **Q. PLEASE DESCRIBE THE FIFTH STEP IN THE SITING**
18 **METHODOLOGY IN GREATER DETAIL.**

19 A. The fifth step in the siting methodology was to combine the study segments into 29
20 unique routes for analysis. Criteria were weighted based on sensitivity to electrical
21 transmission line siting and compiled into a single composite score for each route.
22 Additional qualitative data were also evaluated such as existing and proposed
23 developments and comments from the public.

1 **Q. PLEASE DESCRIBE THE SIXTH AND FINAL STEP IN THE SITING**
2 **METHODOLOGY IN GREATER DETAIL.**

3 A. The sixth step in the siting methodology was to select a preferred route. After the
4 analysis was completed, the siting team held multiple internal, multi-disciplinary
5 meeting to review the analysis, discuss qualitative factors not included in the
6 analysis framework, and select a preferred route. The objective of the meeting was
7 to identify the least impactful route that also met the project need including the need
8 for ongoing maintenance and safe operations. The review included both
9 quantitative and qualitative aspects of each route.

10 **Q. WAS THE ENTIRE STUDY AREA AVAILABLE IN CREATING THE**
11 **ROUTES?**

12 A. Yes.

13 **Q. WHAT OUTREACH WAS PERFORMED DURING THE SITING**
14 **PROCESS?**

15 A. Stakeholders were consulted using formal and informal correspondence with
16 regulatory agencies, a public open house for landowners and other members of the
17 community, and an online mapping, toll-free hotline, and comment website.
18 Additionally, based on public comments received, Duke Energy Kentucky
19 conducted further outreach with affected landowners, including Kentucky
20 Transportation Cabinet (KYTC), as necessary.

21 On February 14, 2022, a letter was sent to property owners within 500 feet
22 of all route alternatives to invite input at two WebEx meetings that started on March
23 7. The WebEx meetings were held in lieu of a public open house, factoring the

1 safety concerns around the COVID pandemic. A reminder postcard invite to the
2 meetings was sent on Feb. 21. The WebEx meetings were held from 6-7 p.m.,
3 March 7, 2022, and from 7-8 p.m., March 8, 2022. The meetings opened a 30-day
4 public comment period and gained 7 attendees for the WebEx meetings. The project
5 website (www.duke-energy.com/Hebron) included a virtual open house, interactive
6 map and comment form inviting input through the comment period. Please see
7 Exhibit 18 which includes the letter and postcard sent inviting property owners to
8 the WebEx meetings and also the materials that were presented during the meetings.

9 **Q. WERE LANDOWNERS CONTACTED THROUGHOUT THE SITING**
10 **PROCESS?**

11 A. Yes. Duke Energy Kentucky sent out a public engagement letter to individuals with
12 property within 500 feet of the route alternatives and requested input on the Project
13 during a 30-day comment period that began on March 7, 2022.

14 **Q. ARE THERE OTHER MEANS BY WHICH PUBLIC OFFICIALS AND**
15 **THE GENERAL PUBLIC MAY LEARN MORE ABOUT THE PROJECT**
16 **AND PROVIDE INPUT?**

17 A. Yes. More Project information is available on the Project website (www.duke-energy.com/Hebron). On the website there is a toll-free phone number and email
18 address where officials or the public may ask questions and provide input.

20 **Q. WAS STAKEHOLDER AND LANDOWNER INPUT TAKEN INTO**
21 **CONSIDERATION DURING THE ROUTE SELECTION STUDY?**

22 A. Yes. The siting team worked with affected landowners to review study segments
23 and identify issues and alleviate concerns as feasible. Landowner input was

1 considered as part of the preferred route identification. Based on public comments
2 received regarding planned development in the Siting Study Area, Duke Energy
3 Kentucky reached out to and held meetings with affected landowners. One affected
4 landowner informed Duke Energy Kentucky that they were actively constructing
5 new facilities and finalizing plans for further expansion on two parcels along Litton
6 Lane. At the time of the meeting there was active construction on the southern
7 parcel (impacting Segment 20) with plans to develop the eastern parcel (impacting
8 Segment 22) (Exhibit 9). A site visit confirmed the parcel adjacent to Segment 22
9 was under construction. Based on a review of ongoing construction and conceptual
10 site plans provided by the property owner, it was determined that Duke Energy
11 Kentucky would be unable to place their transmission line on their property without
12 significantly impacting business operations and occupied buildings. As a result,
13 Duke Energy Kentucky did not identify any routes which utilized Segments 20
14 and/or 22 as the preferred route.

15 Discussions with property owners during easement acquisition process
16 could result in the adjustment of the centerline and Duke Energy Kentucky will
17 continue to work with property owners to address concerns as feasible.

III. RESULTS OF THE STUDY

18 **Q. YOU PREVIOUSLY INDICATED THAT TWENTY-NINE ALTERNATIVE**
19 **ROUTES WERE DEVELOPED. PLEASE GENERALLY DESCRIBE**
20 **THOSE ROUTES.**

21 **A.** Generally speaking, routes exited the Hebron substation to the east, utilized various
22 routes through the industrial/commercial complex before either continuing east to

1 tie into the existing line north of Interstate 275 and utilize the existing crossing
2 within the clover leaf or turning south to cross Interstate 275 at a new crossing west
3 of the clover leaf. The routes that crossed Interstate 275 west of the clover leaf
4 turned east to tie-in to the existing line at two different tap points. No routes were
5 created that exit the Hebron Substation to the south and then parallel Interstate 275
6 through the Siting Study Area because during the route evaluation process
7 additional information about proposed development was discovered that impacted
8 the route selection process. Eastern Kentucky Power Cooperative (EKPC) publicly
9 announced in May that they had selected a route for a new 69 kV transmission line
10 within the Study Area. In discussions with Duke Energy Kentucky, EKPC indicated
11 that they have started engineering and plan to begin acquiring easements for the
12 new 69 kV transmission line in fall 2022. The proposed EKPC centerline exits the
13 Hebron Substation to the south after which it parallels Interstate 275 through the
14 Siting Study Area (see Figure A-3 in Exhibit 7). This information required the
15 removal of study segments 11, 16, 17, 18 from further consideration because there
16 was not sufficient room to build both the EKPC line and this proposed transmission
17 line along those segments. This reduced the potential route alternatives from 43 to
18 29. The remaining 29 route alternatives were all considered feasible and were
19 evaluated for selection as the preferred route.

20 After the 29 route alternatives were determined, additional information
21 about proposed development was discovered that impacted the route selection
22 process. It was discovered that an affected property owner started construction
23 along segments 20 and 22 and has plans for more development on those properties

1 that conflicts with the construction of the proposed transmission line. Therefore,
2 based on the qualitative and quantitative review, route alternatives that utilized
3 segments 20, and 22 were not chosen as the preferred route.

4 Route L was selected as the preferred route. Route L begins at the Hebron
5 Substation, located west of the industrial/commercial complex along Graves Road.
6 Route L exits the substation to the east, follows the existing transmission line
7 corridor and then turns south along Worldwide Boulevard. The route then crosses
8 Worldwide Boulevard and continues south to cross Interstate 275. Once across
9 Interstate 275, Route L turns east, bisecting a parcel before following a parcel line
10 and then crossing Litton Lane. The route then follows Litton Lane and parcel
11 boundaries east before it crosses Highway 237 to tie-in to the existing transmission
12 line.

13 **Q. WHY WAS THE PREFERRED ROUTE SELECTED?**

14 A. Based on the comprehensive quantitative and qualitative evaluation, Route L was
15 selected as the preferred route. This route is approximately 2.1 miles in length.
16 While Route L scored 12th out of 29 potential routes, there were numerous
17 qualitative factors that resulted in it being selected as the preferred route. It was
18 determined that routes that utilized segments 25 and 26 along North Bend Road
19 north of Interstate 275 would require crossing over the proposed EKPC line along
20 North Bend Road (see Figure A-3 in Exhibit 7). The crossing of the EKPC line in
21 this area would require potential pole heights of 150 to 160' which is near the
22 Federal Aviation Administration (FAA) height threshold for Cincinnati/Northern
23 Kentucky International Airport (CVG). The area around segment 12 is very

1 congested with existing utilities and commercial business. It is possible that
2 segment 12 would require engineered poles that could significantly impact the gas
3 station on the east side of North Bend Road (see Figure A6 in Exhibit 7). Routes
4 that utilized segment 19 were identified as beneficial. Segment 19 allows Duke
5 Energy Kentucky to relocate the existing transmission line within KYTC road right
6 of way (ROW) and construct the new line without any new structures within KYTC
7 ROW. Segments 21 and 24 were selected south of Interstate 275 to avoid impacting
8 planned development. The team selected segments 2, 5, 7, 13, and 14, over
9 segments 3 and 10 to utilize the existing transmission corridor and reduce impacts
10 to commercial buildings and existing infrastructure along Worldwide Boulevard.

11 While Route R and Route L scored very similarly, Route L was chosen
12 because it utilized more of the existing transmission corridor which reduces the
13 amount of new easement required, reduces impacts to existing businesses, and
14 reduces impacts to greenfield areas. Route R would impact businesses more by
15 creating a longer greenfield transmission line corridor by not being parallel with
16 the existing transmission line corridor ~~further~~. Some of the business would then
17 have a transmission line on 3 sides of the building instead of just 2, which could
18 further limit future operations or development expansion possibilities.
19 Additionally, Route R would also require an additional 2.88 acres of right-of-way
20 since it cannot take advantage of the overlapping rights-of-way that Route L
21 utilizes. An additional 2.88 acres of right-of-way further restricts future operations
22 or development expansion possibilities.

1 **Q. DID ANY AFFECTED LANDOWNERS EXPRESS OPPOSITION TO THE**
2 **ROUTES CONSIDERED OR SELECTED?**

3 A. Yes. Three of the route segments (20, 21, and 22) were of concern to property
4 owners (see Exhibit 9). One landowner was concerned with route segment 21
5 bisecting their property and affecting potential planning for future site expansion
6 and their property values. Another landowner was concerned with route segments
7 20 and 22 affecting current and planned construction. The siting team took the
8 concerns into account during the siting process and worked to avoid impacts to
9 concerned landowners. However, design need dictated the need to use the southern
10 routes that would have potential to impact the concerned property owners. Duke
11 Energy met with the property owner that was under active construction to learn
12 more about their current and future development plans and, based on those
13 meetings, determined that a route on their property (utilizing route segments 20
14 and/or 22) was not feasible without directly impacting their development.
15 Therefore, a preferred route using Segment 21 was required. Through the easement
16 acquisition process, Duke Energy Kentucky will continue to work with the property
17 owners to further reduce the impact if feasible.

18 **Q. WERE ANY ALIGNMENT SHIFTS REQUIRED FOR THE**
19 **ALTERNATIVE ROUTES EXAMINED?**

20 A. Yes. Duke Energy made minor revisions to the centerline within the existing
21 transmission corridor and at the southern end of the Preferred Route to maintain a
22 50-foot clearance from the residential properties located in the southeastern corner
23 of the Siting Study Area.

1 **Q. BASED UPON THE EFFORTS UNDERTAKEN BY THE SITING TEAM AS**
2 **DESCRIBED ABOVE, DO YOU HAVE ANY OPINION ON THE**
3 **COMPANY’S PREFERRED ROUTE FOR THE PROJECT?**

4 A I believe the Preferred Route is optimal for this Project.

IV. PERMITTING AND ENVIRONMENTAL STUDIES

5 **Q. WHAT ENVIRONMENTAL PERMITTING OR STUDIES ARE**
6 **ANTICIPATED FOR THIS PROJECT?**

7 A. Duke Energy Kentucky anticipates the following environmental studies, permits,
8 and/or approvals for construction of the Project:

- 9
- 10 • A wetland delineation will be conducted to identify wetlands and
11 waterbodies within the Preferred Route’s ROW and the Rebuild portion
12 of the project to determine if there are any jurisdictional features within
13 the ROW. Impacts to jurisdictional streams and wetlands are regulated
14 in the Commonwealth of Kentucky by the United States Army Corps of
15 Engineers (USACE) and the Kentucky Energy and Environment
16 Cabinet. Discharges of dredged or fill material into ‘waters of the United
17 States’ require permits from the USACE under the provisions of Section
18 404 of the Clean Water Act (CWA), as well as Section 401 of the CWA,
19 also referred to as Water Quality Certification (WQC) from the KDOW.
 - 20 • Coordination is in progress with United States Fish and Wildlife Service
21 (USFWS) on potential impacts to federally-listed threatened and/or
22 endangered species. Utilizing the USFWS Information for Planning and
Consultation (IPAC) website, an Official Species List was obtained for

1 the Project on November 4, 2021. Based on this Official Species List, it
2 was determined that there are three (3) federally-listed bat species, ten
3 (10) federally-listed mussel/clam species, and one (1) candidate insect
4 species that may occur within the Siting Study Area. Required studies
5 will be coordinated with the USFWS.

- 6 • The Project is anticipated to have more than an acre of land disturbed
7 during construction. As such, a Kentucky Pollutant Discharge
8 Elimination System (KPDES) construction stormwater permit will be
9 required to be obtained prior to initiation of construction activities. A
10 condition of this permit is to develop a Stormwater Pollution Prevention
11 Plan (SWPPP) for the Project to show the implementation of best
12 management practices (BMPs) to be utilized during construction. Duke
13 Energy Kentucky will also need to communicate with Sanitation District
14 1 (SD1) and coordinate and obtain other permits as required.
- 15 • Based on a Preliminary Cultural Resource Management Review, all
16 identified archaeological sites and historical properties within the Siting
17 Study Area were determined to be destroyed or ineligible for listing on
18 the National Register of Historic Places (NRHP). Duke Energy Kentucky
19 will conduct Consultation with the Kentucky Heritage Council (KHC) –
20 State Historic Preservation Office (SHPO) documenting the Preliminary
21 Cultural Resource Management Review findings.

22 In addition to environmental permits, there are engineering permits that will need
23 to be obtained. Due to the proximity of the Project to Cincinnati/Northern Kentucky

1 International Airport, permit applications will need to be filed with the FAA and
2 KYTC. The aerial crossing of Interstate 275 will require approval from the KYTC
3 and local temporary access permits for driveways along the transmission route.

4 **Q. HAVE ANY OF THE ENVIRONMENTAL PERMITS OR STUDIES BEEN**
5 **COMPLETED FOR THIS PROJECT?**

6 A. No.

7 **Q. DO YOU EXPECT ANY ENVIRONMENTAL PERMITTING ISSUES OR**
8 **DELAYS TO THE CONSTRUCTION AS A RESULT OF PERMITTING**
9 **FOR THE TRANSMISSION LINE?**

10 A. Duke Energy Kentucky does not expect any environmental permitting issues or
11 delays to the construction as a result of permitting for the transmission line.

V. CONCLUSION

12 **Q. PLEASE EXPLAIN EXHIBIT 1.**

13 A. Exhibit 1 includes a map showing the proposed location of the Project.

14 **Q. PLEASE EXPLAIN EXHIBIT 2.**

15 A. Exhibit 2 includes a map showing the Project Siting Study Area.

16 **Q. PLEASE EXPLAIN EXHIBIT 3.**

17 A. Exhibit 3 includes a map showing the proposed Rebuild Area.

18 **Q. PLEASE EXPLAIN EXHIBIT 7.**

19 A. Exhibit 7 includes a copy of the Transmission Line Route Selection Study report
20 which describes the siting methodology and results in detail and depicts the full
21 description of the route and alternative routes considered for the new line portion
22 of the Project. Company's proposal is applicable only in the Company's service

1 territory and, as such, the Project will not compete with any other public utilities,
2 corporations, or persons.

3 **Q. PLEASE EXPLAIN EXHIBIT 8.**

4 A. Exhibit 8 shows the proposed route for the new line portion of the Project and the
5 impacted parcels.

6 **Q. PLEASE EXPLAIN EXHIBIT 9.**

7 A. Exhibit 9 shows the alternative route segments considered as part of the siting
8 review process.

9 **Q. PLEASE EXPLAIN EXHIBIT 10.**

10 A. Exhibit 10 shows the proposed rebuild route of the Project and the impacted parcels.

11 **Q. PLEASE EXPLAIN EXHIBIT 18.**

12 A. Exhibit 18 shows the letter and postcard sent inviting property owners to the WebEx
13 meetings and also the materials that were presented during the meetings.

14 **Q. WERE EXHIBITS 1, 2, 3, 7, 8, 9, 10, AND 18 PREPARED UNDER YOUR
15 DIRECTION AND CONTROL?**

16 A. Yes.

17 **Q. DOES THIS CONCLUDE YOUR PRE-FILED DIRECT TESTIMONY?**

18 A. Yes.

VERIFICATION


STATE OF OHIO)
) SS:
COUNTY OF HAMILTON)

The undersigned, John Hurd, Director of Stakeholder Engagement, being duly sworn, deposes and says that he has personal knowledge of the matters set forth in the foregoing testimony and that it is true and correct to the best of his knowledge, information and belief.



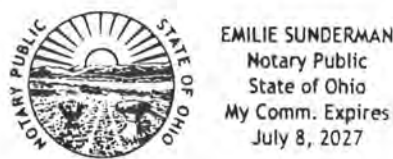
John Hurd Affiant

Subscribed and sworn to before me by John Hurd on this 5th day of September, 2023.



NOTARY PUBLIC

My Commission Expires: July 8, 2027



COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

The Electronic Application of Duke Energy)
Kentucky, Inc. for a Certificate of Public)
Convenience and Necessity to Construct A) Case No. 2023-00239
138-kV Transmission Line And Associated)
Facilities In Boone County (Hebron to)
Oakbrook Transmission Line Project))

DIRECT TESTIMONY OF

LISA D. STEINKUHL

ON BEHALF OF

DUKE ENERGY KENTUCKY, INC.

September 13, 2023

TABLE OF CONTENTS

	<u>PAGE</u>
I. INTRODUCTION AND PURPOSE	1
II. FINANCIAL IMPACT OF THE PROJECT	3
III. FILING REQUIREMENTS SPONSORED BY WITNESS	5
IV. CONCLUSION	6

I. INTRODUCTION AND PURPOSE

1 **Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

2 A. My name is Lisa D. Steinkuhl, and my business address is 139 East Fourth Street,
3 Cincinnati, Ohio 45202.

4 **Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?**

5 A. I am employed by Duke Energy Business Services LLC (DEBS) as Director, Rates
6 and Regulatory Planning for Duke Energy Kentucky, Inc., (Duke Energy Kentucky
7 or Company) and Duke Energy Ohio, Inc. DEBS provides various administrative
8 and other services to Duke Energy Kentucky and other affiliated companies of
9 Duke Energy Corporation (Duke Energy).

10 **Q. PLEASE SUMMARIZE YOUR EDUCATIONAL BACKGROUND AND**
11 **PROFESSIONAL EXPERIENCE.**

12 A. I received a Bachelor's Degree in Mathematics from Western Kentucky University
13 in Bowling Green, Kentucky. After completing my Bachelor's Degree, I received
14 a Post Baccalaureate Certificate in Professional Accountancy from the University
15 of Southern Indiana in Evansville, Indiana. I became a Certified Public Accountant
16 (CPA) in the State of Ohio in 1993. I was hired by Cinergy Services, Inc., the
17 predecessor of DEBS, in 1996, as a tax accountant. I held various positions with
18 Cinergy Services, Inc., including responsibilities in Regulated Business Financial
19 Operations, Commercial Business Asset Management, and Budgets and Forecasts.
20 I joined the Rates Department in April 2006 as a Lead Rates Analyst, was promoted
21 to Rates & Regulatory Manager in January 2014 and Utility Strategy Director in

1 May 2018. I have held my current position as Director, Rates & Regulatory
2 Planning since March 2022.

3 **Q. PLEASE SUMMARIZE YOUR RESPONSIBILITIES AS DIRECTOR,**
4 **RATES AND REGULATORY PLANNING.**

5 A. As Director, I am responsible for the preparation of financial and accounting data
6 used in Duke Energy Ohio and Duke Energy Kentucky, Inc., retail rate filings and
7 changes in various other rate recovery mechanisms, along with filings with the
8 Federal Energy Regulatory Commission (FERC).

9 **Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE THE KENTUCKY**
10 **PUBLIC SERVICE COMMISSION?**

11 A. Yes.

12 **Q. WHAT IS THE PURPOSE OF YOUR DIRECT TESTIMONY IN THESE**
13 **PROCEEDINGS?**

14 A. The purpose of my testimony is to discuss the financial aspects of the Company's
15 request for a Certificate of Public Convenience and Necessity (CPCN) to construct
16 and operate a new single circuit 138 kilovolt (kV) transmission line. The new circuit
17 will utilize portions of the existing #15268 and #6763 69 kV transmission lines and
18 approximately 2.1 linear miles of proposed new transmission line. I also sponsor
19 Exhibit 5 to the Application.

II. FINANCIAL IMPACT OF THE PROJECT

1 **Q. WHAT IS THE PROJECTED COST OF THE PROJECT?**

2 A. The overall Project is estimated to cost approximately \$35 million. That sum
3 comprises: (a) approximately \$32.7 million for the construction of the overhead
4 line, including right-of-way acquisition, (b) approximately \$1.5 million for the cost
5 of removal associated with the retirement of a portion of an existing circuit, and (c)
6 distribution line work of \$0.5 million.

7 **Q. DOES THE \$35 MILLION COST ESTIMATE REPRESENT A FIXED AND**
8 **FINAL COST?**

9 A. No. The \$35 million is based on a Class 4 estimate that represents an expected range
10 of plus 50 percent and minus 30 percent. This estimate will be further refined once
11 engineering is finalized and prior to start of construction. The final cost for the
12 Project will not be known until all work is complete and the right-of-way is
13 restored.

14 **Q. WHAT IS THE PROJECTED ONGOING COST OF OPERATION OF THE**
15 **PROJECT ONCE COMPLETED?**

16 A. The estimated annual ongoing cost of operation of the Project once completed is
17 expected to be approximately \$10,000 for general maintenance and inspection
18 (capital and operations and maintenance (O&M)).

19 **Q. ARE ANY CUSTOMERS DIRECTLY CONTRIBUTING TO THE COST**
20 **OF THE PROJECT?**

21 A. No.

1 **Q. HOW DOES DUKE ENERGY KENTUCKY INTEND TO FINANCE THE**
2 **PROJECT?**

3 A. In response to 807 KAR 5:001, Section 15(2)(e), the Company is proposing to
4 finance the construction through continuing operations and, if necessary, through
5 debt issuances.

6 **Q. WILL THE COST OF THE PROJECT MATERIALLY AFFECT THE**
7 **FINANCIAL CONDITION OF DUKE ENERGY KENTUCKY?**

8 A. No.

9 **Q. PLEASE EXPLAIN HOW THE PROJECT WILL BE TREATED FROM AN**
10 **ACCOUNTING PERSPECTIVE.**

11 A. The Project is nearly all capital in nature because it is adding new facilities to serve
12 our electric customers and improve the reliability of the delivery system. There will
13 be an immaterial impact to the Company's O&M expenses in terms of incremental
14 cost of operation. The capital costs will be accumulated in FERC account 107
15 (Construction Work in Progress) during construction and will accrue Allowance for
16 Funds Used During Construction (AFUDC) until the Project is placed in service.
17 After the Project is placed in-service, capital costs will transfer initially to FERC
18 account 106 (Completed Construction not Classified) where it will begin being
19 depreciated like any other asset that is used and useful. Once unitized, the Project
20 will be transferred to FERC account 101 (Plant in Service). The cost of removal
21 associated with the retirement will be recorded as a debit to FERC account 108
22 (Accumulated Provision for Depreciation).

1 **Q. WHAT IS THE ESTIMATED IN-SERVICE DATE?**

2 A. The estimated in-service date is December 31, 2025.

3 **Q. PLEASE EXPLAIN HOW THE COMPANY WILL RECOVER ITS COSTS**
4 **OF CONSTRUCTION.**

5 A. The Company plans to recover the costs of the Project in the ordinary course of
6 base rate proceedings. The Company did not request to recover any of the cost of
7 this project in its electric base rate case, Case No. 2022-00372.

8 **Q. HAS THE COMPANY ESTIMATED THE IMPACT OF THIS PROJECT**
9 **TO CUSTOMER RATES?**

10 A. The Project is not expected to have a material impact on customer rates. Once the
11 Project is in service and included in a base rate case, the estimated revenue
12 requirement is expected to be approximately one percent of total Company
13 revenues.

III. EXHIBITS SPONSORED BY WITNESS

14 **Q. PLEASE LIST AND DESCRIBE EXHIBITS TO THE APPLICATION**
15 **THAT YOU ARE SPONSORING.**

16 A. I am the sponsor of Exhibits 5. Exhibit 5 is the financial statement for month end,
17 June 30, 2023, as required by 807 KAR 5:001, Section 12.

IV. CONCLUSION

1 **Q. WAS EXHIBIT 5 PREPARED UNDER YOUR DIRECTION AND**
2 **CONTROL?**

3 **A. Yes.**


4 **Q. DOES THIS CONCLUDE YOUR PRE-FILED DIRECT TESTIMONY?**

5 **A. Yes.**


VERIFICATION

STATE OF OHIO)
)
COUNTY OF HAMILTON) SS:

The undersigned, Lisa Steinkuhl, Director, Rates and Regulatory Planning, being duly sworn, deposes and says that she has personal knowledge of the matters set forth in the foregoing testimony and that it is true and correct to the best of her knowledge, information and belief.


Lisa Steinkuhl Affiant

Subscribed and sworn to before me by Lisa Steinkuhl on this 14th day of August, 2023.


NOTARY PUBLIC

My Commission Expires: July 8, 2027



EMILIE SUNDERMAN
Notary Public
State of Ohio
My Comm. Expires
July 8, 2027