# LOST CITY RENEWABLES LLC:

# TRANSMISSION LINE APPLICATION

LOST CITY RENEWABLES LLC
CIP Projects
412 W 15th Street, 15th Floor
New York, NY 10011

June 2025

# CONTENTS



## Appendices

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# 1 APPLICANT INFORMATION

REQUIREMENT: per KRS 278.714(2)(a): *The name, address, and telephone number of the person proposing construction of the nonregulated electric transmission line or the carbon dioxide transmission pipeline*

COMPLIANCE: Please see below for the requested information.

- Name: Lost City Renewables LLC
  Attn: Sean Joshi, Developer
  CI V Sunrise Renewables LLC

- Address: 412 W 15th Street, 15th Floor
  New York, NY 10011

- Phone: (843) 510-5254

Person Responsible: Sean Joshi

# 2 ROUTE DESCRIPTION

REQUIREMENT: per KRS 278.714(2)(b): *A full description of the proposed route of the electric carbon dioxide transmission pipeline from residential transmission line or the carbon dioxide transmission pipeline and its appurtenances. The description shall include a map or maps showing:*

1. *The location of the proposed line or pipeline and all proposed structures that will support it;*
2. *The proposed right-of-way limits;*
3. *Existing property lines and the names of persons who own the property over which the line or pipeline will cross; and*
4. a. *The distance of the proposed electric transmission line from residential neighborhoods, schools, and public and private parks within one (1) mile of the proposed facilities; or*

   b. *The distance of the proposed carbon dioxide transmission pipeline from residential neighborhoods, schools, and parks, either private or public, within one thousand (1,000) feet of the proposed facilities.*

***COMPLIANCE****:*1) The planned nonregulated electric transmission line is proposed to be constructed in Muhlenberg County and Logan County to support the Lost City Solar's 250 MW solar facility located at 800 Free Lane, Dunmor, KY 42339, which is the subject of Case No.2024-00406. The 161 kV transmission line would connect the proposed solar generation substation to TVA's existing 161 kV transmission line via a future tap and installation at a TVA-owned switching station located at the TVA Lost City Substation located at 2557 Lost City Road, Lewisburg, KY 42256. Preliminary design plans and pole information can be found in Attachment A.

2) The proposed right-of-way limits is primarily 150 feet (75 feet on each side of centerline) with some sections 100 feet (50 feet on each side of centerline) (see Attachment B). The transmission line will be approximately 10.5 miles in length.

3) The Applicant has created a figure showing existing property lines and the names of persons who own the property over which the line will cross (see Attachment B). Copies of the lease agreement have been previously submitted as RFI No. 2 Appendix A: Updated Transmission ROW Agreements (May 7, 2025).

4)(a) The Applicant prepared a figure showing the transmission line and a one-mile buffer (see Attachment C). Special consideration was given to residential neighborhoods, schools, or public or private parks within one (1) mile of the transmission line. Three residential neighborhoods and one park occurs near the southern terminus of the transmission line in Lewisburg. No schools occur within the one-mile buffer. A table with distances to residences, residential neighborhoods, and the Lewisburg Park to the transmission line is attached (see Attachment C).

Subsurface conditions, environmentally sensitive features, and other unanticipated construction issues may require some adaptation of the location of the single steel poll support structures or other appurtenances and of the transmission line route. In addition, alignment shifts may occur in response to landowner preferences.

(b) Not applicable.

***No Local Planning and Zoning Requirements for a Transmission Line***

While Muhlenberg County has a Joint City-County Planning Commission, it does not have any planning and zoning in the County that applies to a transmission line. Its address is 214 North 1st Street, Central City, KY 42330. Similarly, Logan County has a Joint Cities/County Planning Commission, but it does not have applicable setback requirements for a transmission line. Its address is 168 South Main Street, Russellville, KY 42276.

Muhlenberg County does not have zoning regulations impacting the location of the proposed transmission line. Logan County only has setback requirements for solar energy facilities that are governed by KRS 278.704, which only applies to generating facilities. Therefore, no county setback requirements exist in Logan County for the proposed transmission line.

The setbacks identified in KRS 278.704(2) do not apply to transmission lines, but rather apply to merchant electric generating facilities. Therefore, no deviation from the statutory setback requirements will be necessary.

To address potential concerns about visibility, the Applicant prepared a visibility analysis (see Attachment D). It should also be noted that both Muhlenberg and Logan Counties have existing multiple 161kV transmission lines traversing the Counties which have not caused undue adverse impact on the surrounding areas. Electrical distribution lines cross the proposed transmission line corridor.

***Transmission Line Alternatives***

The proposed transmission line is approximately 10.5 miles in length and is shorter than two other transmission line alternatives considered. It affected the least amount of unique landowners (28) and avoids all residences and cemeteries along the route. The leased property parcels are generally larger on the proposed transmission line route compared to other alternatives considered, allowing for great flexibility in pole and transmission line alignment. It better addressed landowner location preferences.

The Applicant has considered alternative routes for the proposed transmission line. For example, the Applicant had considered an alternative transmission line route traveling east to connect to TVA's existing 161 kV transmission line but lack of transmission line capacity, extensive system upgrade requirements, and a multi-year lead time for TVA to undertake the upgrades, eliminated this alternative transmission line route from further consideration.

Another alternative would have paralleled the existing TVA 161 kV transmission line. However, this transmission line alternative would be approximately 24 percent longer in length, affect more unique landowners (39), and had structural conflicts, such as cemeteries and residences, along the transmission line corridor.

Finally, a transmission line alternative along US 431 was evaluated. This alternative would affect over 100 unique landowners, traveled through Lewisburg and Dunmor, and had structural and residential conflicts.

Persons Responsible: Sean Joshi and Marty Marchaterre

# 3 DESCRIPTION OF THE PROPOSED LINE

REQUIREMENT: KRS 278.714(2)C: *With respect to electric transmission lines, a full description of the proposed line and appurtenances, including the following:*

1. *Initial and design voltages and capacities;*
2. *Length of line;*
3. *Terminal points; and*
4. *Substation connections.*

COMPLIANCE:

1) The voltage capacity of the proposed line will be 161 kilovolts (kV).

2) The proposed right-of-way line will be approximately 10.5 miles and will be limited to 75 feet on either side of the centerline for a total width of 150 feet (see Attachment B). On five parcels (four unique landowners), the right-of-way will be limited to 50 feet on either side of the centerline for a total width of 100 feet. The right-of-way crosses the property of 28 unique landowners.

3) The proposed transmission line will start at the Project substation (37˚5'23.48"N; 86˚55'24") near Forgy Mill Road, Dunmor, Muhlenberg County and travel south to connect to the TVA 161kV line at the TVA Lost City Substation (36˚57'47.60"N; 86˚55'11.94") at 2557 Lost City Road, Lewisburg, Logan County, KY 42256 .

4) See above response to No. 3.

Persons Responsible: Sean Joshi and Marty Marchaterre

# 4 COMPLIANCE WITH NATIONAL ELECTRIC SAFETY CODE

REQUIREMENT: KRS 278.714(2)(d): *A statement that the proposed electric transmission line and appurtenances will be constructed and maintained in accordance with accepted engineering practices and the National Electric Safety Code.*

COMPLIANCE: The proposed electric transmission line and appurtenances will be constructed and maintained in accordance with accepted engineering practices and the National Electric Safety Code.

Person Responsible: Sean Joshi

# 5 PUBLIC NOTICE EVIDENCE

REQUIREMENT: KRS 278.716(2)(d): *With respect to both electric transmission lines and carbon dioxide transmission pipelines, evidence that public notice has been given by publication in a newspaper of general circulation in the general area concerned. Public notice shall include the location of the proposed electric transmission line or carbon dioxide pipeline, shall state that the proposed line or pipeline is subject to approval by the board, and shall provide the telephone number and address of the Public Service Commission.*

COMPLIANCE: See Attachment E for the affidavit of publication of the notice published in the Leader-News on June 3, 2025, which is the newspaper of general circulation in Muhlenberg County, as well as a copy of that notice.

Person Responsible: Legal

# 6 PROOF OF SERVICE ON PUBLIC OFFICIALS

REQUIREMENT: KRS 278.714(2)(f): Proof of service of a copy of the application upon the chief executive officer of each county and municipal corporation in which the proposed electric transmission line or carbon dioxide transmission pipeline is to be located, and upon the chief officer of each public agency charge with the duty of planning land use in the general area in which the line or pipeline is proposed to be located.

COMPLIANCE: As indicated in the Certificate of Service, a copy of the Application for Lost City Renewables LLC was electronically transmitted to the Judge/Executive of Muhlenberg County, Mack McGehee, and Judge/Executive of Logan County, Phil Baker, on the date of the electronic filing of this application.

Person Responsible: Legal

**Attachment A**

# PRELIMINARY TRANSMISSION LINE DESIGN AND POLE INFORMATION

**Lost City Renewables LLC**

Muhlenberg County, Kentucky


NOTES:

1. ALL DIMENSIONS ARE IN FEET.
2. THE STRUCTURE UTILIZED IN THE CALCULATION OF THE RIGHT OF WAY (ROW) IS A SINGLE CIRCUIT 161KV STEEL MONO-POLE STRUCTURE WITH AN OVERHEAD SHIELD WIRE.
3. THE CONDUCTOR SWING IS CALCULATED BASED ON A 6PSF WIND AT THE FINAL SAG TEMPERATURE OF 60°F.
4. CLEARANCE TO OTHER SUPPORTING STRUCTURES, BUILDINGS AND OTHER INSTALLATIONS COMPLY WITH NESC RULES 234B, 234C, 234D, 234E, 234F, 234I AND TABLES 234-1, 234-2 AND 234-3.
5. ADDITIONAL CLEARANCE OF 2.09FT IS APPLIED TO VEGETATION AS PER IEEE 516.

   THE TOTAL REQUIRED RIGHT OF WAY (ROW) IS 90FT

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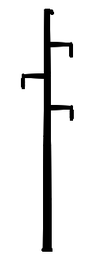
- PROPERTY BOUNDARY
- 150ft BOUNDARY
- 500ft BOUNDARY
- TANGENT STRUCTURE
- ANGLE STRUCTURE
- DEADEND STRUCTURE
- PROPERTY OWNERS



TANGENT STRUCTURE

ANGLE STRUCTURE

DEADEND STRUCTURE

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NOT FOR CONSTRUCTION

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| C | REROUTE | RDA | JO | AC | 10/17/2024 |
| B | REROUTE | RDA | JO | AC | 06/17/2024 |
| A | ORIGINAL ALIGNMENT | JO | RDA | AC | 09/11/2024 |

DRAWING REVISIONS

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U.S.A. 2043
3052 Beaumont Centre Circle
Lexington, KY
U.S.A. 50613-1703
www.stantec.com

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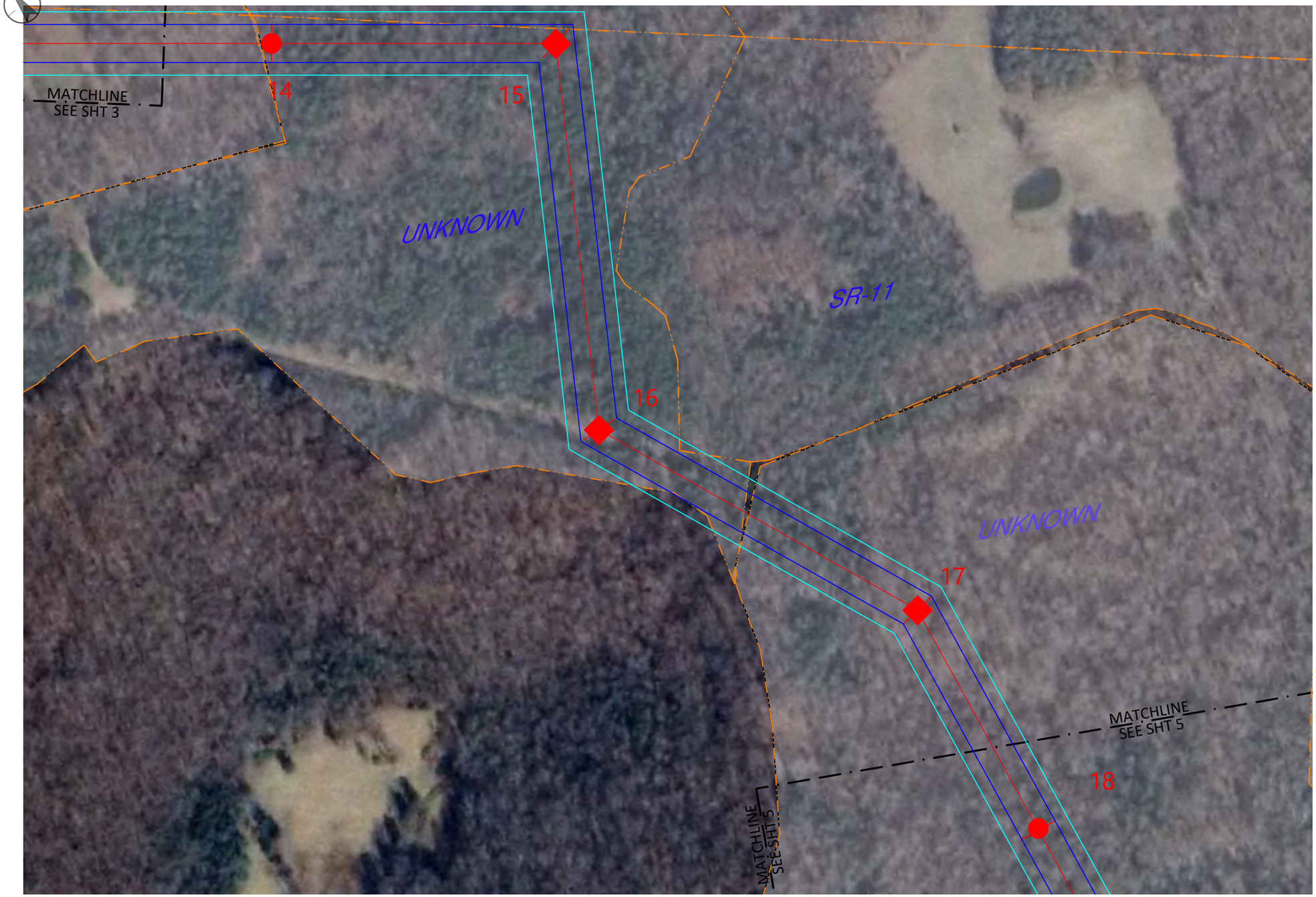


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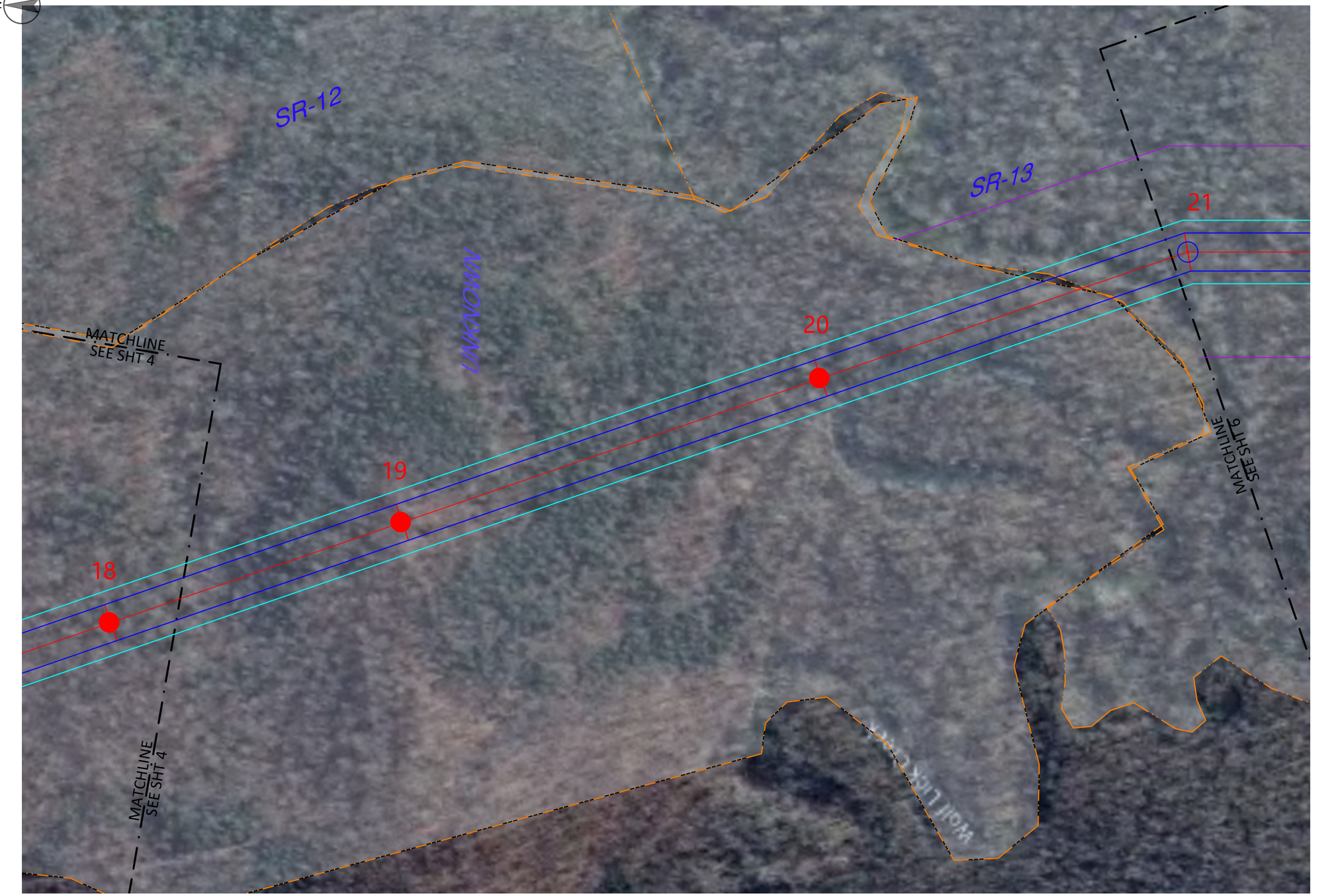


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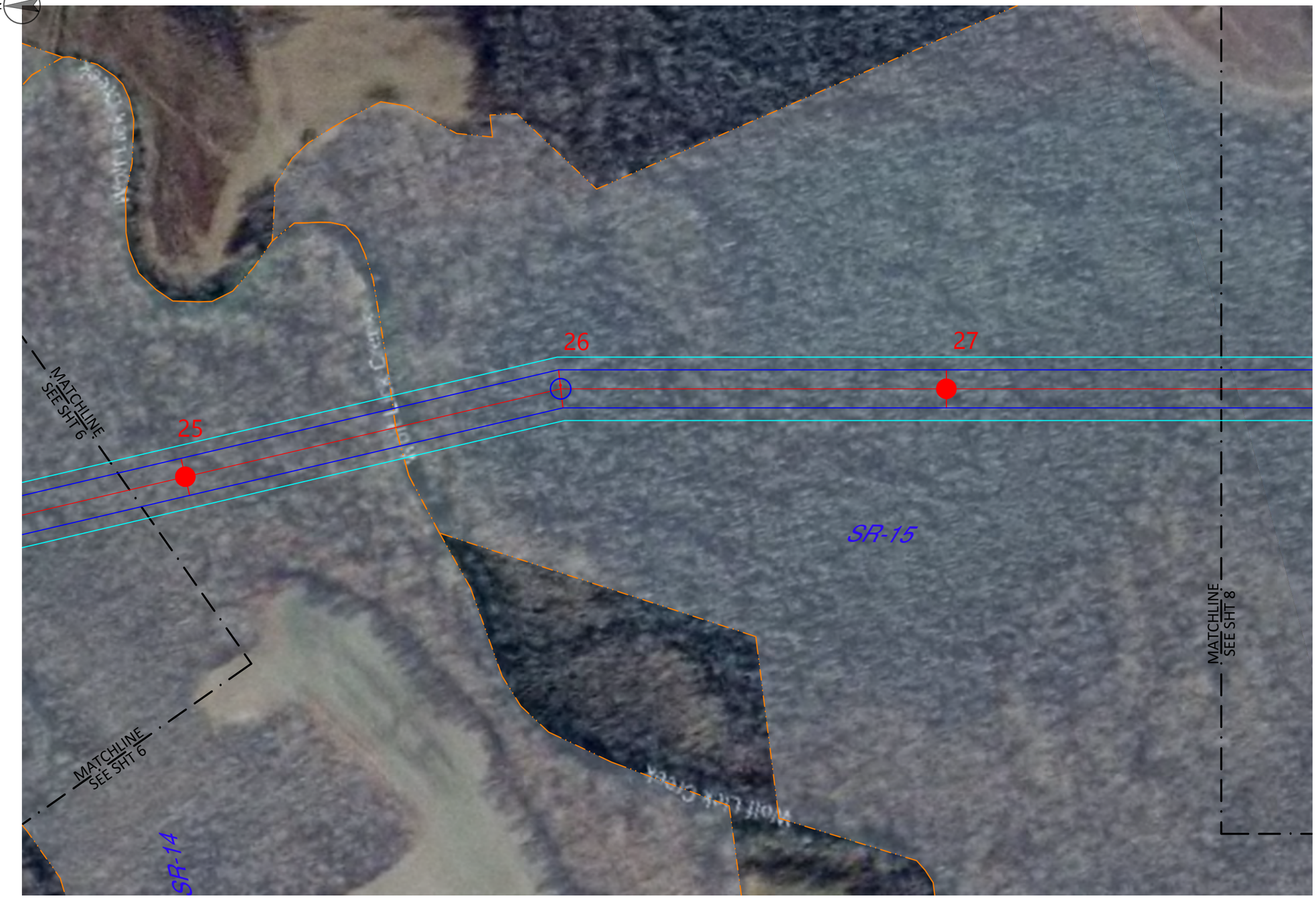


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U.S.A. 50613-1703
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FILE NAME: 2057322000-LC-TR-600_Sht1-19 rD-4.dwg

COA #

SEAL



| DRAWN: | CHECKED: | IND. REVIEW |
|---|---|---|
| R. ASUNCION | J. ONG | S. LOMBARDI |
| DESIGNED: | CHECKED: | APPROVED: |
| R. ASUNCION | R. ASHTARI | A. CELLA |
| PROJECT NO: | | SCALE: |
| 2057322000 | | AS SHOWN |

CLIENT/PROJECT:
LOST CITY RENEWABLES LLC
LOST CITY
MUHLENBERG COUNTY, KENTUCKY

TITLE:
LOST CITY SOLAR PROJECT
PROPOSED 161 kV T/L
ROUTE AND ROW

| SHT | OF | DWG NO: | REV: |
|---|---|---|---|
| 8 | 24 | 2057322000-LC-TR-600 | D |


| REV. | DESCRIPTION | DRAWN | CHKD | APPRVD | DATE |
|---|---|---|---|---|---|
| | DRAWING REVISIONS | | | | |
| D | REROUTE / PROPERTY OWNERS | RDA | JO | AC | 05/16/2025 |
| C | REROUTE | RDA | JO | AC | 10/17/2024 |
| B | REROUTE | RDA | JO | AC | 06/17/2024 |
| A | ORIGINAL ALIGNMENT | JO | RDA | AC | 09/11/2024 |

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|---|---|---|
| DRAWN: R. ASUNCION | CHECKED: J. ONG | IND. REVIEW: S. LOMBARDI |
| DESIGNED: R. ASUNCION | CHECKED: R. ASHTARI | APPROVED: A. CELLA |
| PROJECT NO: 2057322000 | | SCALE: AS SHOWN |

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ROUTE AND ROW

SHT 9 OF 24 | DWG NO: 2057322000-LC-TR-600 | REV: D


## LEGEND

- TRANSMISSION LINE C / L
- 90ft EDGE OF REQUIRED ROW
- PROPERTY BOUNDARY
- 150ft BOUNDARY
- 500ft BOUNDARY
- TANGENT STRUCTURE
- ANGLE STRUCTURE
- DEADEND STRUCTURE
- PROPERTY OWNERS

| REV. | DESCRIPTION | DRAWN | CHKD | APPRVD | DATE |
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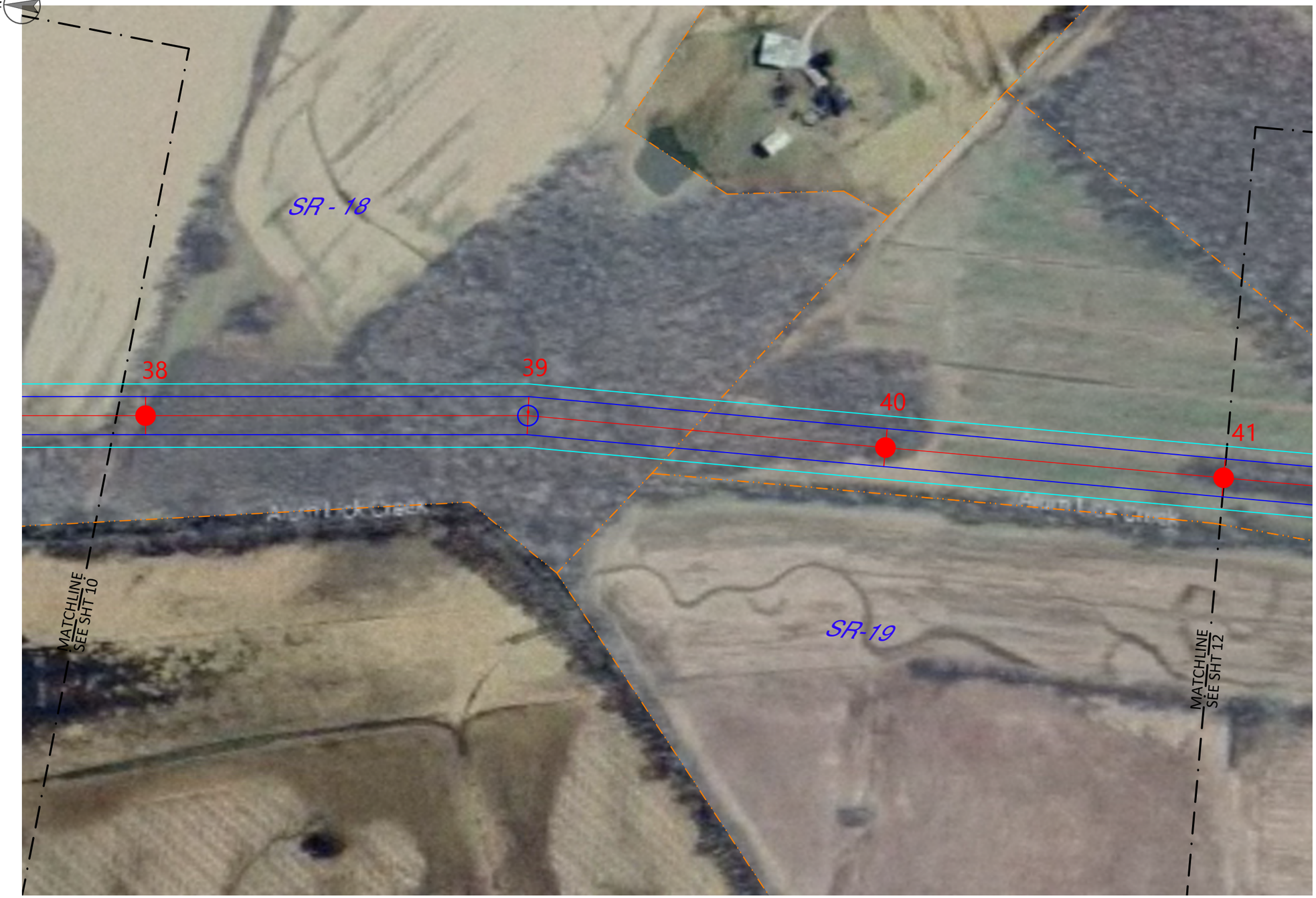
ROUTE AND ROW

SHT 10 OF 24 | DWG NO. 2057322000-LC-TR-600 | REV: D




## LEGEND

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TITLE:
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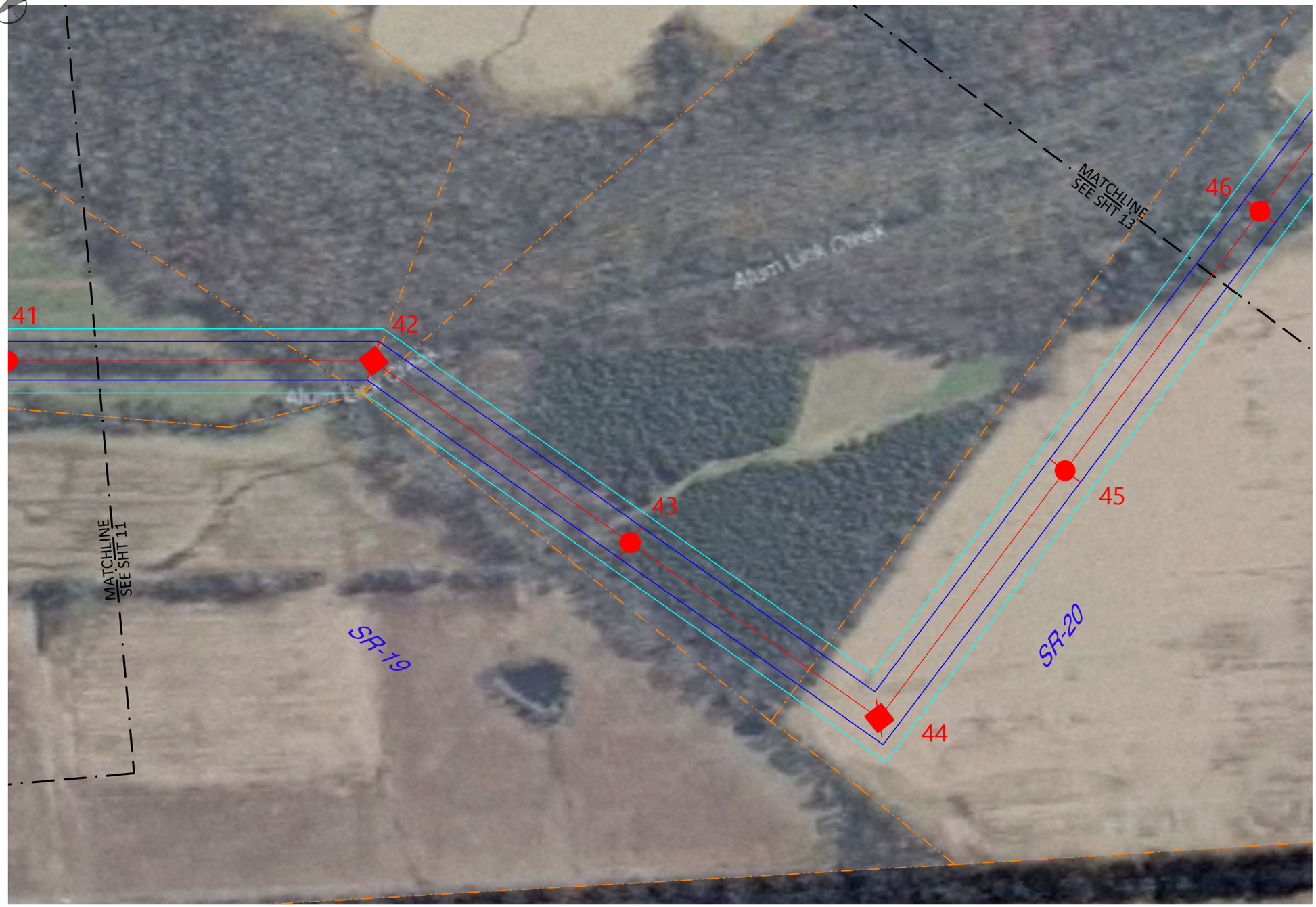
ROUTE AND ROW

SHT 11 OF 24

DWG NO: 2057322000-LC-TR-600

REV: D

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TITLE:
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ROUTE AND ROW

SHT 12 OF 24 | DWG NO: 2057322000-LC-TR-600 | REV: D


## LEGEND

- TRANSMISSION LINE C / L
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MUHLENBERG COUNTY, KENTUCKY

TITLE:
LOST CITY SOLAR PROJECT
PROPOSED 161 kV T/L
ROUTE AND ROW

| SHT | DWG NO: | REV: |
|---|---|---|
| 13 OF 24 | 2057322000-LC-TR-600 | D |


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ROUTE AND ROW

SHT 14 OF 24 | DWG NO: 2057322000-LC-TR-600 | REV: D


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MUHLENBERG COUNTY, KENTUCKY

TITLE:
LOST CITY SOLAR PROJECT
PROPOSED 161 kV T/L
ROUTE AND ROW

SHT 15 OF 24

DWG NO: 2057322000-LC-TR-600

REV: D


## LEGEND

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MUHLENBERG COUNTY, KENTUCKY

TITLE:
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PROPOSED 161 kV T/L
ROUTE AND ROW

SHT 16 OF 24 | DWG NO: 2057322000-LC-TR-600 | REV: D


## LEGEND

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|---|---|---|
| DRAWN: R. ASUNCION | CHECKED: J. ONG | IND. REVIEW: S. LOMBARDI |
| DESIGNED: R. ASUNCION | CHECKED: R. ASHTARI | APPROVED: A. CELLA |
| PROJECT NO: 2057322000 | | SCALE: AS SHOWN |

CLIENT/PROJECT:
LOST CITY RENEWABLES LLC
LOST CITY
MUHLENBERG COUNTY, KENTUCKY

TITLE:
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PROPOSED 161 kV T/L
ROUTE AND ROW

SHT 17 OF 24

DWG NO: 2057322000-LC-TR-600

REV: D


## LEGEND

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ROUTE AND ROW

| SHT | OF | DWG NO: | REV: |
|---|---|---|---|
| 18 | 24 | 2057322000-LC-TR-600 | D |


## LEGEND

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ROUTE AND ROW

| SHT | OF | DWG NO: | REV: |
|---|---|---|---|
| 19 | 24 | 2057322000-LC-TR-600 | D |

| STR. NO. | "STRUCTURE HUB COORDINATE STATE PLANE NAD 83 KENTUCKY SOUTH" | | | "LINE ANGLE (DEG) [- L] [+ R]" | AHEAD SPAN (FT) | "STRUCTURE INFORMATION" | | |
|---|---|---|---|---|---|---|---|---|
| | "EASTING (FT)" | "NORTHING (FT)" | "GROUND ELEV (FT)" | | | TYPE | "HEIGHT (FT)" | DESCRIPTION |
| 1 | 1284190.85 | 1917950.91 | 523.8 | 0.0 | 555.0 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 2 | 1284535.40 | 1917515.79 | 506.4 | 0.0 | 784.0 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 3 | 1285022.13 | 1916901.12 | 552.4 | 0.0 | 903.5 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 4 | 1285583.02 | 1916192.80 | 533.2 | -35.4 | 557.2 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 5 | 1286118.07 | 1916037.35 | 514.6 | 0.0 | 862.1 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 6 | 1286945.97 | 1915796.82 | 513.6 | 30.3 | 622.5 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 7 | 1287374.36 | 1915345.19 | 547.2 | 51.8 | 822.1 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 8 | 1287255.05 | 1914531.83 | 532.0 | 0.0 | 585.5 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 9 | 1287170.06 | 1913952.48 | 554.1 | 0.0 | 681.4 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 10 | 1287071.17 | 1913278.31 | 413.3 | 0.0 | 1054.8 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 11 | 1286918.08 | 1912234.63 | 551.9 | -62.7 | 789.6 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 12 | 1287559.94 | 1911774.70 | 601.9 | 0.0 | 814.6 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 13 | 1288222.07 | 1911300.24 | 674.1 | -29.5 | 839.2 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 14 | 1289056.47 | 1911210.69 | 664.7 | 0.0 | 672.0 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 15 | 1289724.65 | 1911138.98 | 609.2 | 83.7 | 918.2 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 16 | 1289728.19 | 1910220.79 | 547.1 | -54.2 | 865.4 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 17 | 1290431.74 | 1909716.91 | 540.4 | 31.7 | 593.5 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 18 | 1290660.53 | 1909169.26 | 483.9 | 0.0 | 729.2 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |

PRELIMINARY
NOT FOR
CONSTRUCTION

| REV. | DESCRIPTION | DRAWN | CHKD | APPRVD | DATE |
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FILE NAME: 2057322000-LC-TR-600_SDS _20250521.dwg

COA #

SEAL



| DRAWN: | CHECKED: | IND. REVIEW |
|---|---|---|
| R. ASUNCION | S. DENG | S. LOMBARDI |
| DESIGNED: | CHECKED: | APPROVED: |
| R. ASUNCION | R. ASHTARI | A. CELLA |
| PROJECT NO: | | SCALE: |
| 2057322000 | | AS SHOWN |

CLIENT/PROJECT:
LOST CITY RENEWABLES LLC
LOST CITY
MUHLENBERG COUNTY, KENTUCKY

TITLE:
LOST CITY SOLAR PROJECT
PROPOSED 161 kV T/L
STRUCTURE DATA SHEET

SHT 20 OF 24

DWG NO: 2057322000-LC-TR-600

REV: D

| STR. NO. | "STRUCTURE HUB COORDINATE STATE PLANE NAD 83 KENTUCKY SOUTH" | | | "LINE ANGLE (DEG) [- L] [+ R]" | AHEAD SPAN (FT) | "STRUCTURE INFORMATION" | | |
|---|---|---|---|---|---|---|---|---|
| | "EASTING (FT)" | "NORTHING (FT)" | "GROUND ELEV (FT)" | | | TYPE | "HEIGHT (FT)" | DESCRIPTION |
| 19 | 1290941.63 | 1908496.39 | 531.6 | 0.0 | 1047.3 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 20 | 1291345.32 | 1907530.07 | 401.4 | 0.0 | 917.7 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 21 | 1291699.08 | 1906683.29 | 401.1 | 19.0 | 651.3 | ANGLE | 125 | SELF SUPPORTING STEEL MONO-POLE ANGLE STRUCTURE 3° -25° |
| 22 | 1291740.94 | 1906033.32 | 400.6 | 0.0 | 713.1 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 23 | 1291786.77 | 1905321.72 | 432.7 | 0.0 | 988.6 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 24 | 1291850.31 | 1904335.21 | 403.7 | 2.9 | 977.2 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 25 | 1291864.46 | 1903358.07 | 403.3 | 0.0 | 910.5 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 26 | 1291877.63 | 1902447.69 | 401.8 | 13.2 | 910.6 | ANGLE | 125 | SELF SUPPORTING STEEL MONO-POLE ANGLE STRUCTURE 3° -25° |
| 27 | 1291682.80 | 1901558.16 | 402.1 | 0.0 | 921.2 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 28 | 1291485.69 | 1900658.25 | 402.0 | 0.0 | 965.7 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 29 | 1291279.08 | 1899714.96 | 406.7 | 0.0 | 940.3 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 30 | 1291077.90 | 1898796.46 | 411.6 | 0.0 | 921.2 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 31 | 1290880.80 | 1897896.58 | 445.6 | 0.0 | 1006.0 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 32 | 1290665.56 | 1896913.89 | 470.5 | 0.0 | 703.6 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 33 | 1290515.01 | 1896226.57 | 605.0 | -39.4 | 469.7 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 34 | 1290728.95 | 1895808.38 | 527.8 | 0.0 | 914.4 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 35 | 1291145.40 | 1894994.30 | 414.6 | 32.8 | 1020.7 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 36 | 1291044.52 | 1893978.60 | 406.2 | 0.0 | 902.4 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 37 | 1290955.33 | 1893080.61 | 405.6 | -11.2 | 862.2 | ANGLE | 125 | STEEL MONO-POLE ANGLE STRUCTURE 3° -25° |

PRELIMINARY
NOT FOR
CONSTRUCTION

| REV. | DESCRIPTION | DRAWN | CHKD | APPRVD | DATE |
|---|---|---|---|---|---|
| D | REROUTE / PROPERTY OWNERS | RDA | SD | AC | 05/16/2025 |

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Hingham, MA
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3052 Beaumont Centre Circle
Lexington, KY
U.S.A. 50613-1703
www.stantec.com


FILE NAME: 2057322000-LC-TR-600_SDS _20250521.dwg

COA #

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| DRAWN: | CHECKED: | IND. REVIEW |
|---|---|---|
| R. ASUNCION | S. DENG | S. LOMBARDI |
| DESIGNED: | CHECKED: | APPROVED: |
| R. ASUNCION | R. ASHTARI | A. CELLA |
| PROJECT NO: | | SCALE: |
| 2057322000 | | AS SHOWN |

CLIENT/PROJECT:
LOST CITY RENEWABLES LLC
LOST CITY
MUHLENBERG COUNTY, KENTUCKY

TITLE:
LOST CITY SOLAR PROJECT
PROPOSED 161 kV T/L
STRUCTURE DATA SHEET

SHT 21 OF 24

DWG NO: 2057322000-LC-TR-600

REV: D

| STR. NO. | "STRUCTURE HUB COORDINATE STATE PLANE NAD 83 KENTUCKY SOUTH" | | | "LINE ANGLE (DEG) [- L] [+ R]" | AHEAD SPAN (FT) | "STRUCTURE INFORMATION" | | |
|---|---|---|---|---|---|---|---|---|
| | "EASTING (FT)" | "NORTHING (FT)" | "GROUND ELEV (FT)" | | | TYPE | "HEIGHT (FT)" | DESCRIPTION |
| 38 | 1291037.65 | 1892222.35 | 408.7 | 0.0 | 903.1 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 39 | 1291123.88 | 1891323.37 | 408.0 | 5.1 | 847.5 | ANGLE | 125 | SELF SUPPORTING STEEL MONO-POLE ANGLE STRUCTURE 3° -25° |
| 40 | 1291129.42 | 1890475.91 | 409.3 | 0.0 | 801.8 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 41 | 1291134.65 | 1889674.11 | 410.9 | 0.0 | 854.5 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 42 | 1291140.23 | 1888819.61 | 413.7 | 35.2 | 735.5 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 43 | 1290719.96 | 1888216.04 | 420.7 | 0.0 | 711.1 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 44 | 1290313.59 | 1887632.43 | 436.7 | -88.3 | 723.2 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 45 | 1290894.43 | 1887201.58 | 441.8 | 0.0 | 757.4 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 46 | 1291502.71 | 1886750.37 | 428.9 | 0.0 | 706.6 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 47 | 1292070.21 | 1886329.41 | 418.3 | 0.0 | 627.1 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 48 | 1292573.89 | 1885955.79 | 420.5 | -1.2 | 933.4 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 49 | 1293335.24 | 1885415.75 | 433.7 | 0.0 | 845.3 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 50 | 1294024.74 | 1884926.68 | 467.3 | 0.0 | 1011.7 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 51 | 1294849.89 | 1884341.38 | 490.9 | 0.0 | 861.8 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 52 | 1295552.85 | 1883842.76 | 482.7 | 0.0 | 890.4 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 53 | 1296279.08 | 1883327.63 | 470.8 | -30.2 | 674.3 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 54 | 1296950.70 | 1883267.51 | 460.3 | 44.0 | 817.0 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 55 | 1297485.85 | 1882650.20 | 453.0 | 0.0 | 794.9 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 56 | 1298006.50 | 1882049.61 | 461.8 | 9.6 | 701.1 | ANGLE | 125 | SELF SUPPORTING STEEL MONO-POLE ANGLE STRUCTURE 3° -25° |

PRELIMINARY
NOT FOR
CONSTRUCTION

| REV. | DESCRIPTION | DRAWN | CHKD | APPRVD | DATE |
|---|---|---|---|---|---|
| D | REROUTE / PROPERTY OWNERS | RDA | SD | AC | 05/16/2025 |

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www.stantec.com


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COA #

SEAL



| DRAWN: | CHECKED: | IND. REVIEW |
|---|---|---|
| R. ASUNCION | S. DENG | S. LOMBARDI |
| DESIGNED: | CHECKED: | APPROVED: |
| R. ASUNCION | R. ASHTARI | A. CELLA |
| PROJECT NO: | | SCALE: |
| 2057322000 | | AS SHOWN |

CLIENT/PROJECT:
LOST CITY RENEWABLES LLC
LOST CITY
MUHLENBERG COUNTY, KENTUCKY

TITLE:
LOST CITY SOLAR PROJECT
PROPOSED 161 kV T/L
STRUCTURE DATA SHEET

SHT 22 OF 24 | DWG NO: 2057322000-LC-TR-600 | REV: D

| STR. NO. | "STRUCTURE HUB COORDINATE STATE PLANE NAD 83 KENTUCKY SOUTH" | | | "LINE ANGLE (DEG) [- L] [+ R]" | AHEAD SPAN (FT) | "STRUCTURE INFORMATION" | | |
|---|---|---|---|---|---|---|---|---|
| | "EASTING (FT)" | "NORTHING (FT)" | "GROUND ELEV (FT)" | | | TYPE | "HEIGHT (FT)" | DESCRIPTION |
| 57 | 1298370.94 | 1881450.63 | 443.4 | 0.0 | 708.0 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 58 | 1298738.94 | 1880845.79 | 468.3 | 42.2 | 825.7 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 59 | 1298582.69 | 1880035.04 | 473.1 | 7.6 | 849.0 | ANGLE | 142 | SELF SUPPORTING STEEL MONO-POLE ANGLE STRUCTURE 3° -25° |
| 60 | 1298313.52 | 1879229.80 | 495.6 | -34.2 | 571.6 | DEAD-END | 130 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 61 | 1298468.82 | 1878679.70 | 484.5 | 0.0 | 561.8 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 62 | 1298621.46 | 1878139.01 | 442.7 | 0.0 | 687.0 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 63 | 1298808.13 | 1877477.82 | 437.1 | 44.3 | 580.2 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 64 | 1298531.13 | 1876968.01 | 440.4 | -20.2 | 822.8 | ANGLE | 125 | STEEL MONO-POLE ANGLE STRUCTURE 3° -25° |
| 65 | 1298411.97 | 1876153.92 | 433.8 | 15.5 | 835.5 | ANGLE | 125 | SELF SUPPORTING STEEL MONO-POLE ANGLE STRUCTURE 3° -25° |
| 66 | 1298074.23 | 1875389.69 | 481.2 | 0.0 | 662.9 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 67 | 1297806.25 | 1874783.32 | 529.9 | -34.0 | 889.2 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |
| 68 | 1297963.69 | 1873908.17 | 503.9 | 0.0 | 888.2 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 69 | 1298120.94 | 1873034.02 | 539.1 | 0.0 | 788.9 | TANGENT | 125 | SELF SUPPORTING STEEL MONO-POLE TANGENT STRUCTURE 0° - 3° |
| 70 | 1298260.63 | 1872257.55 | 558.9 | 0.0 | 0.0 | DEAD-END | 120 | SELF SUPPORTING STEEL MONO-POLE DEAD-END STRUCTURE 0° -90° |

PRELIMINARY
NOT FOR
CONSTRUCTION

| REV. | DESCRIPTION | DRAWN | CHKD | APPRVD | DATE |
|---|---|---|---|---|---|
| D | REROUTE / PROPERTY OWNERS | RDA | SD | AC | 05/16/2025 |

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FILE NAME: 2057322000-LC-TR-600_SDS _20250521.dwg

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SEAL



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|---|---|---|
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| R. ASUNCION | R. ASHTARI | A. CELLA |
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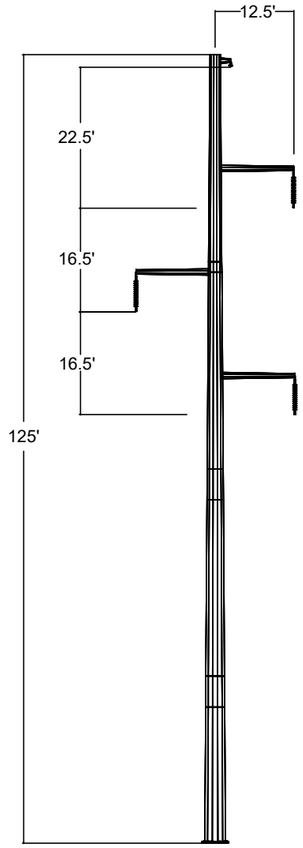
LOST CITY RENEWABLES LLC
LOST CITY
MUHLENBERG COUNTY, KENTUCKY

TITLE:
LOST CITY SOLAR PROJECT
PROPOSED 161 kV T/L
STRUCTURE DATA SHEET

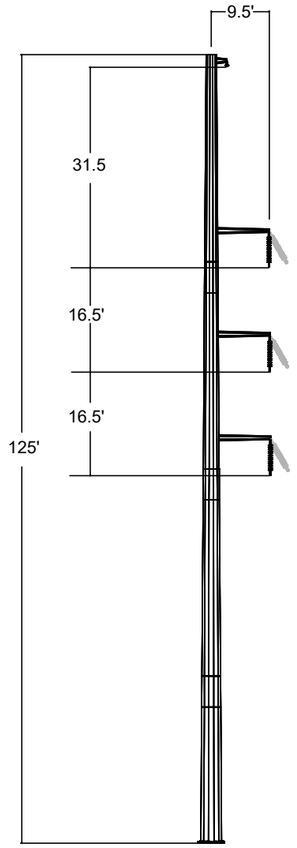
SHT 23 OF 24

DWG NO: 2057322000-LC-TR-600

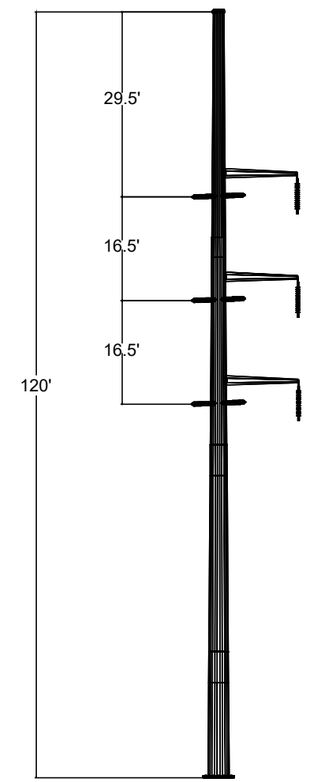
REV: D




TANGENT STRUCTURE 0 - 3 DEG




ANGLE STRUCTURE 3 - 25 DEG




DEAD END STRUCTURE 0 - 90 DEG

NOTES:

1. ALL DIMENSIONS ARE IN FEET.
2. THE DIMENSIONS SHOWN ARE FOR REFERENCE ONLY AND ARE SUBJECT TO CHANGE DURING THE DETAILED DESIGN PHASE.
3. ALL STRUCTURES ARE ASSUMED TO BE SELF-SUPPORTING. GUY WIRES ARE NOT CONSIDERED.
4. STRUCTURE HEIGHTS ARE MEASURED FROM THE GROUND SURFACE. SUBSURFACE COMPONETS (E.G. STUB PORTIONS BELOW GROUND OR CONCRETE) ARE NOT PROVIDED.

PRELIMINARY
NOT FOR
CONSTRUCTION

| REV. | DESCRIPTION | DRAWN | CHKD | APPRVD | DATE |
|---|---|---|---|---|---|
| D | REROUTE / PROPERTY OWNERS | RDA | SD | AC | 05/14/2025 |

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COA #

SEAL



| | | |
|---|---|---|
| DRAWN: R. ASUNCION | CHECKED: S. DENG | IND. REVIEW S. LOMBARDI |
| DESIGNED: R. ASUNCION | CHECKED: R. ASHTARI | APPROVED: A. CELLA |
| PROJECT NO: 2057322000 | | SCALE: AS SHOWN |

CLIENT/PROJECT:
LOST CITY RENEWABLES LLC
LOST CITY
MUHLENBERG COUNTY, KENTUCKY

TITLE:
LOST CITY SOLAR PROJECT
PROPOSED 161 kV T/L
STRUCTURE GEOMETRY

SHT 24 OF 24

DWG NO: 2057322000-LC-TR-600

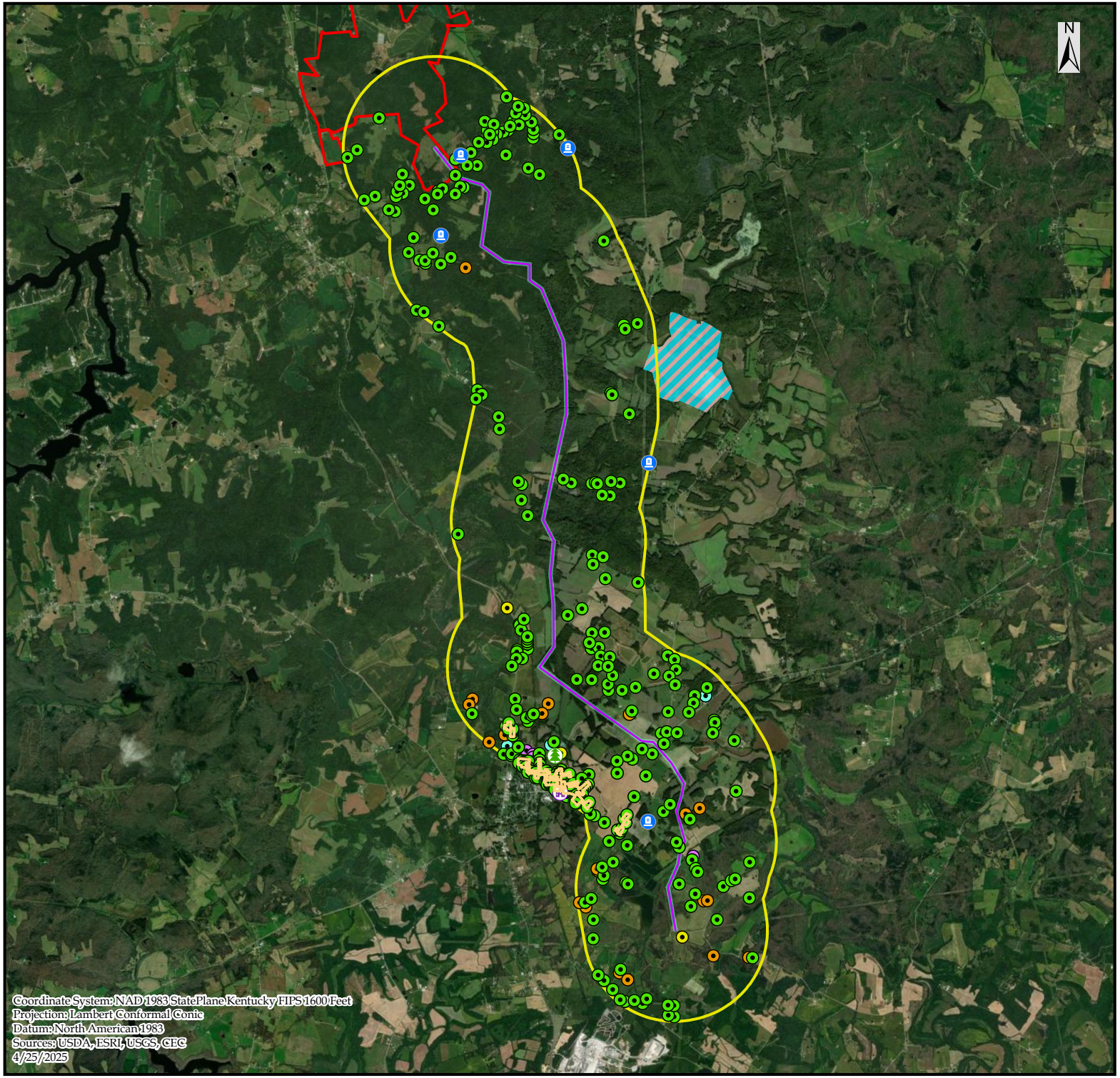
REV: D

## Attachment B

# TRANSMISSION LINE FIGURE

**Lost City Renewables LLC**

Muhlenberg County, Kentucky




COPPERHEAD
ENVIRONMENTAL CONSULTING

Prepared for:

**Lost City Renewables LLC**

FIGURE 1.1:
Transmission Line POIs
for the Lost City Solar Project,
Logan and Muhlenberg
Counties, Kentucky.

## Legend

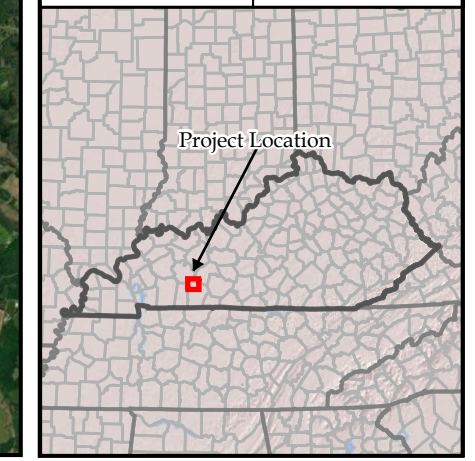
- Residential
- Barn
- Utility
- Other
- Commercial
- Cemetery
- Church
- Park
- Transmission Centerline
- Right of Way
- Easement
- Residential Neighborhood
- 1mi Buffer
- Facility Project Area

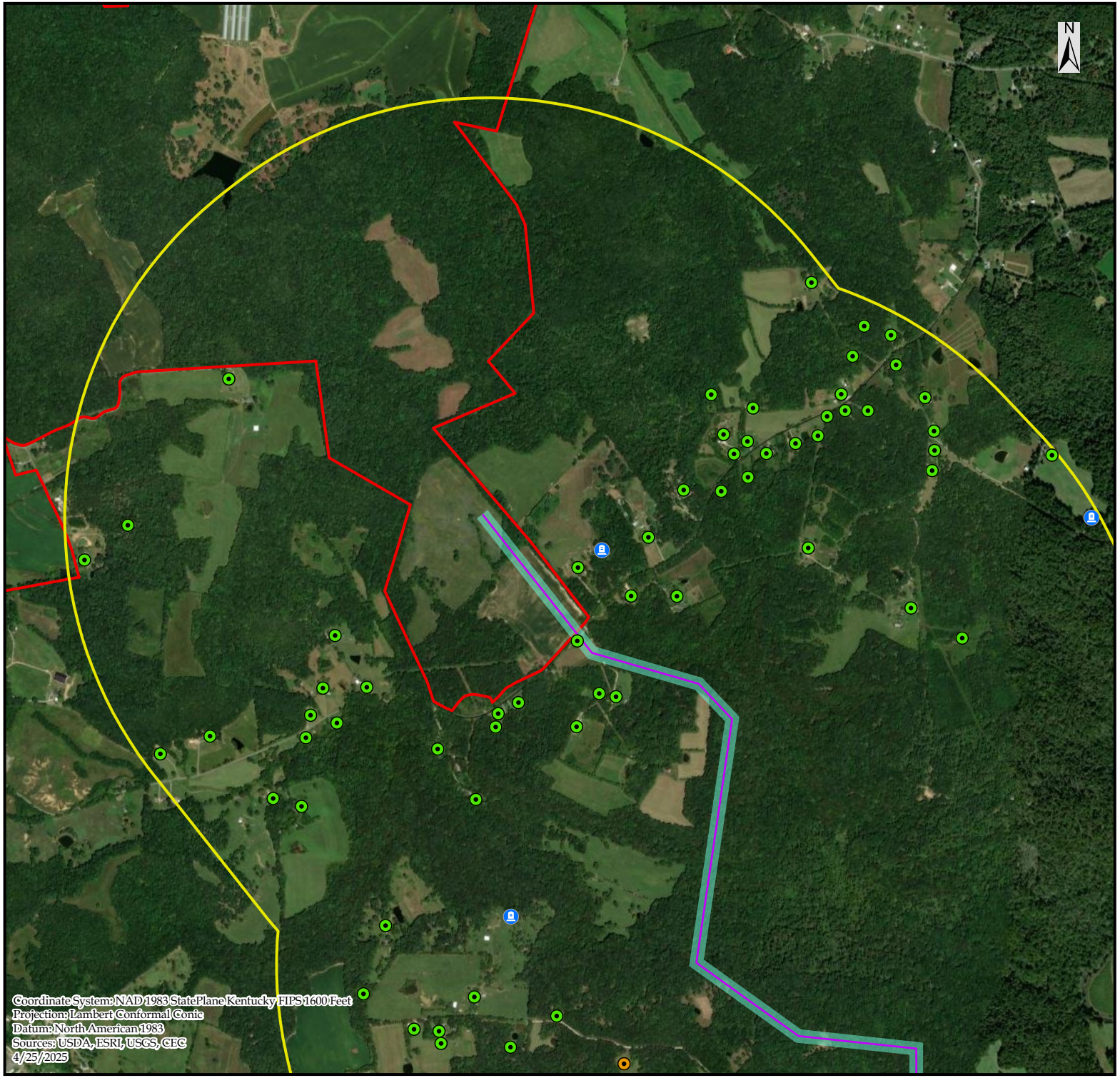
0 4,000 8,000
US Feet

Scale: 1 in = 8,000 ft

Prepared by :
Copperhead Environmental Consulting, Inc.
471 Main Street
P.O. Box 73
Paint Lick, Kentucky 40461

| | | | |
|---|---|---|---|
| Drawn by: | TC | Date: | 4/25/2025 |
| Checked by: | MM | Revision: | 01 |






COPPERHEAD
ENVIRONMENTAL CONSULTING

Prepared for:

**Lost City Renewables LLC**

FIGURE 1.2:
Transmission Line POIs
for the Lost City Solar Project,
Logan and Muhlenberg
Counties, Kentucky.

## Legend

- Residential
- Barn
- Utility
- Other
- Commercial
- Cemetery
- Church
- Park
- Transmission Centerline
- Right of Way
- Easement
- Residential Neighborhood
- 1mi Buffer
- Facility Project Area

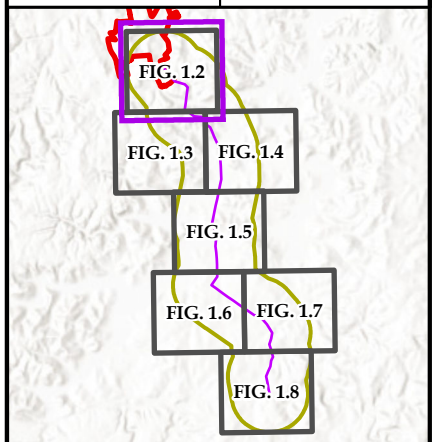
0 1,000 2,000
US Feet

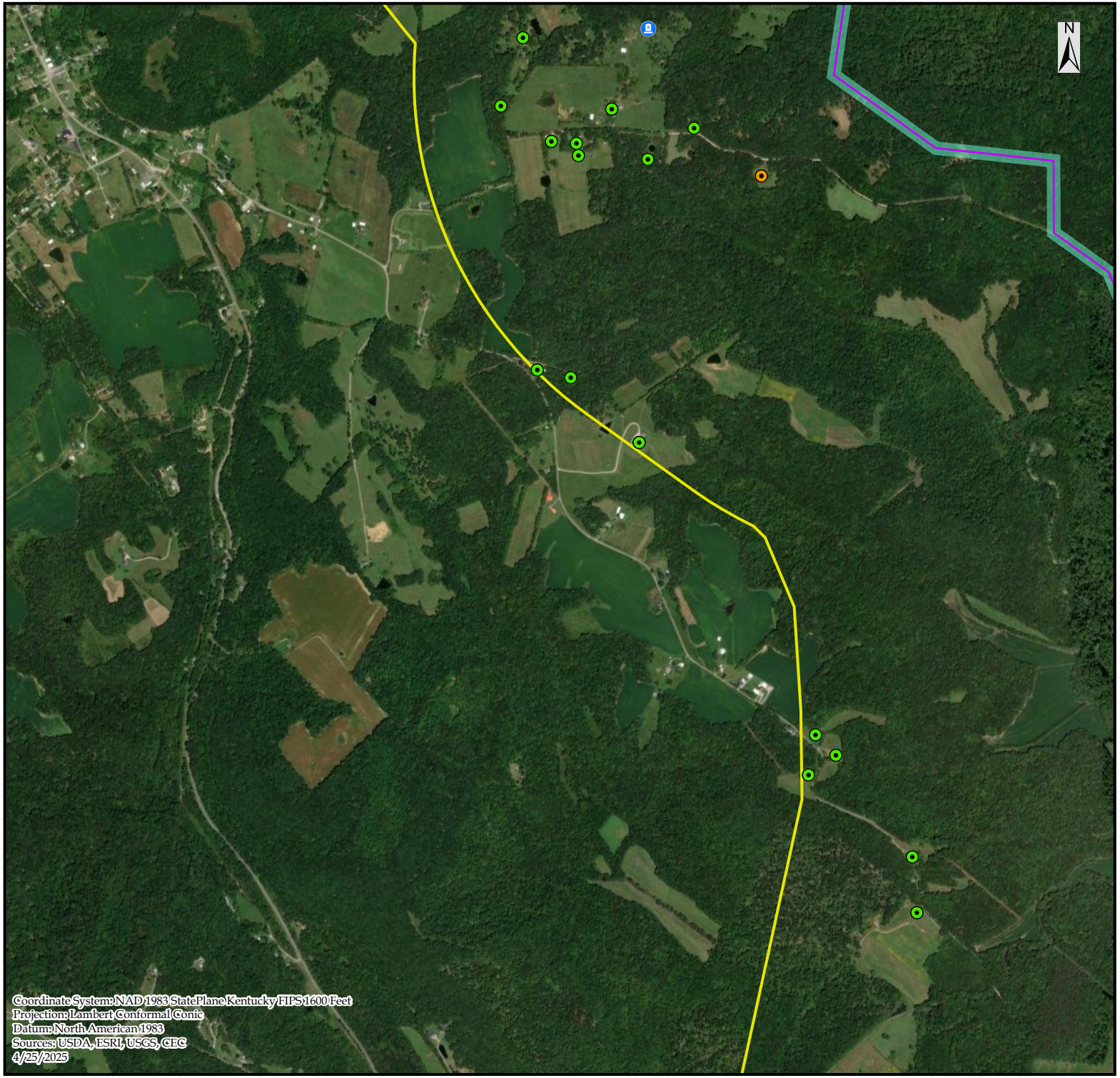
Scale: 1 in = 1,750 ft


Prepared by :

Copperhead Environmental Consulting, Inc.
471 Main Street
P.O. Box 73
Paint Lick, Kentucky 40461


| | | | |
|---|---|---|---|
| Drawn by: | TC | Date: | 4/25/2025 |
| Checked by: | MM | Revision: | 01 |






COPPERHEAD
ENVIRONMENTAL CONSULTING

Prepared for:

**Lost City Renewables LLC**

FIGURE 1.3:
Transmission Line POIs
for the Lost City Solar Project,
Logan and Muhlenberg
Counties, Kentucky.

## Legend

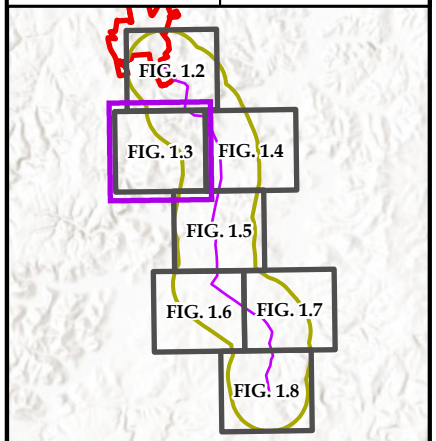
- Residential
- Barn
- Utility
- Other
- Commercial
- Cemetery
- Church
- Park
- Transmission Centerline
- Right of Way
- Easement
- Residential Neighborhood
- 1mi Buffer
- Facility Project Area

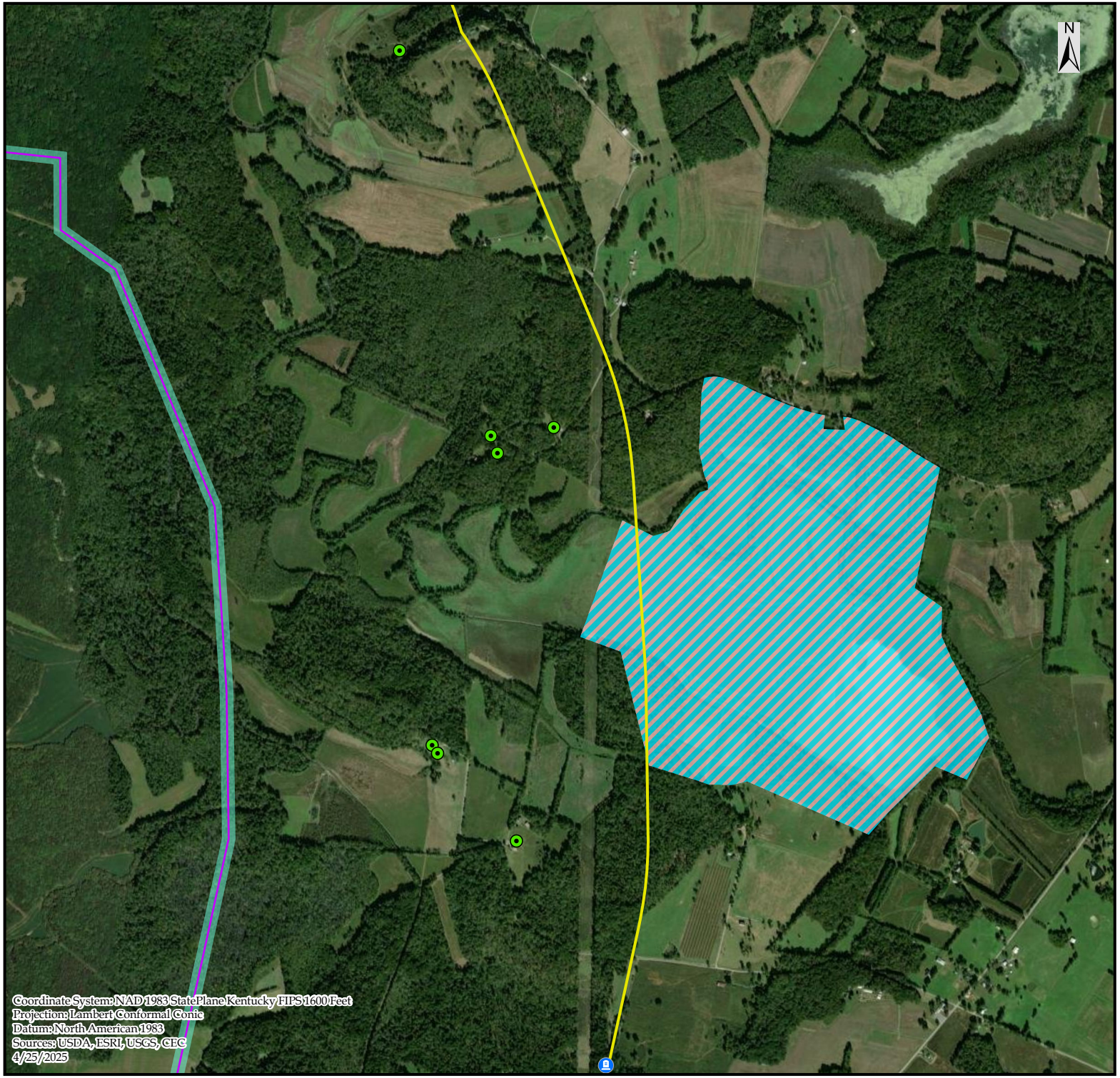
0 1,000 2,000
US Feet

Scale: 1 in = 1,750 ft

Prepared by :
Copperhead Environmental Consulting, Inc.
471 Main Street
P.O. Box 73
Paint Lick, Kentucky 40461

| | | | |
|---|---|---|---|
| Drawn by: | TC | Date: | 4/25/2025 |
| Checked by: | MM | Revision: | 01 |






COPPERHEAD
ENVIRONMENTAL CONSULTING

Prepared for:

**Lost City Renewables LLC**

FIGURE 1.4:
Transmission Line POIs
for the Lost City Solar Project,
Logan and Muhlenberg
Counties, Kentucky.

## Legend

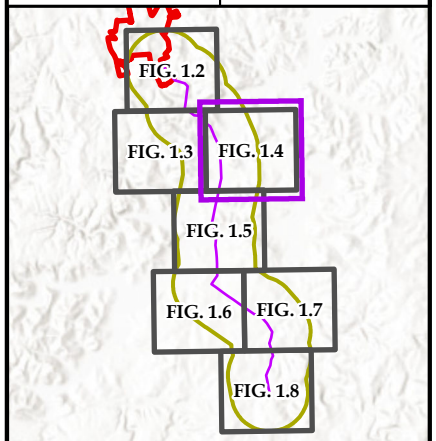
- Residential
- Barn
- Utility
- Other
- Commercial
- Cemetery
- Church
- Park
- Transmission Centerline
- Right of Way
- Easement
- Residential Neighborhood
- 1mi Buffer
- Facility Project Area

0 1,000 2,000
US Feet

Scale: 1 in = 1,750 ft

Prepared by :
Copperhead Environmental Consulting, Inc.
471 Main Street
P.O. Box 73
Paint Lick, Kentucky 40461

| | | | |
|---|---|---|---|
| Drawn by: | TC | Date: | 4/25/2025 |
| Checked by: | MM | Revision: | 01 |



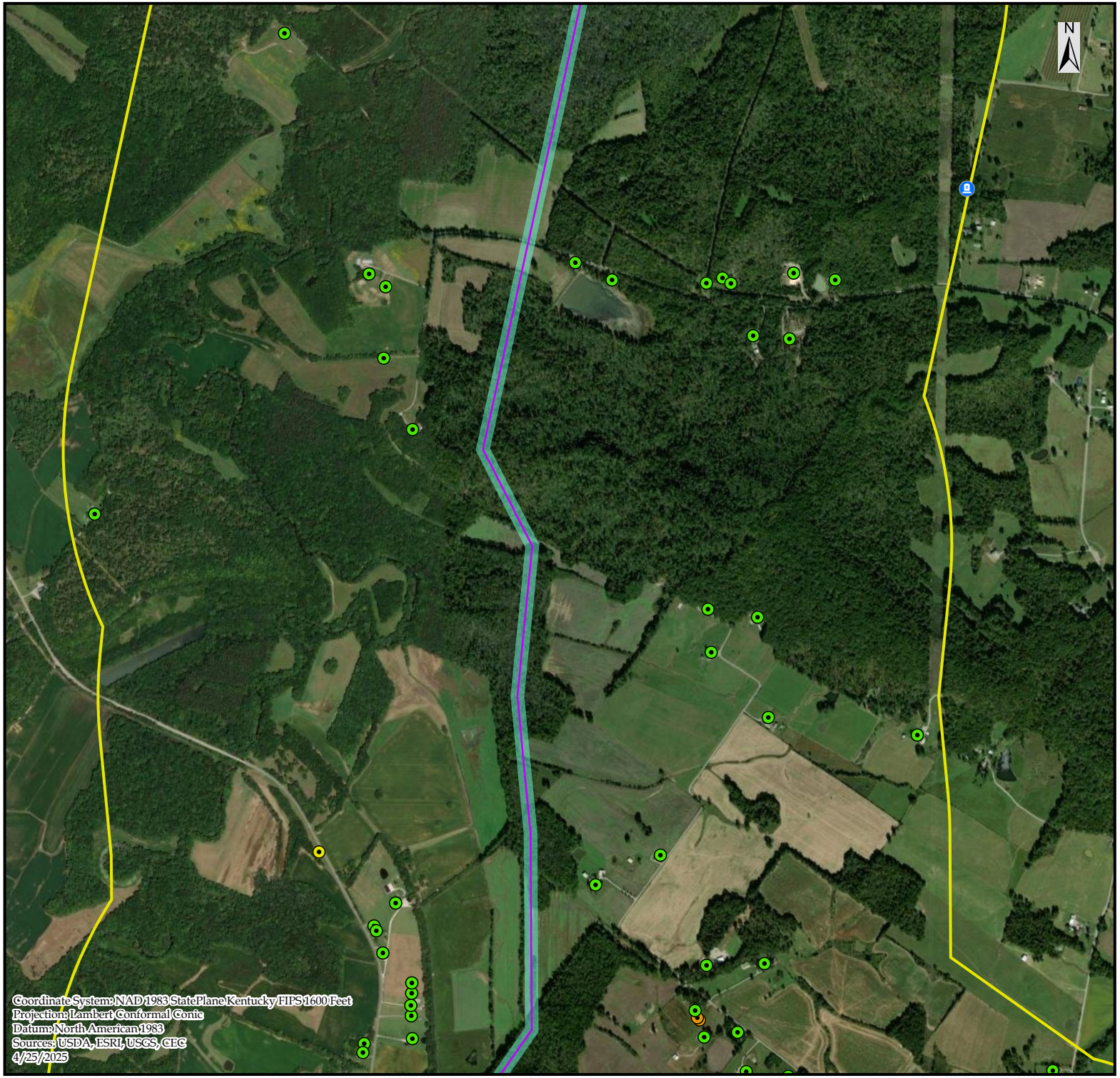



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FIGURE 1.5:
Transmission Line POIs
for the Lost City Solar Project,
Logan and Muhlenberg
Counties, Kentucky.

## Legend

- Residential
- Barn
- Utility
- Other
- Commercial
- Cemetery
- Church
- Park
- Transmission Centerline
- Right of Way
- Easement
- Residential Neighborhood
- 1mi Buffer
- Facility Project Area

0 1,000 2,000
US Feet

Scale: 1 in = 1,750 ft

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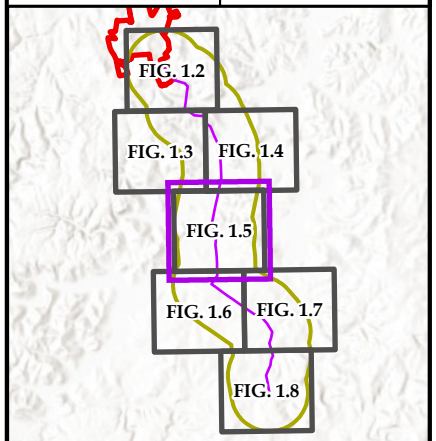

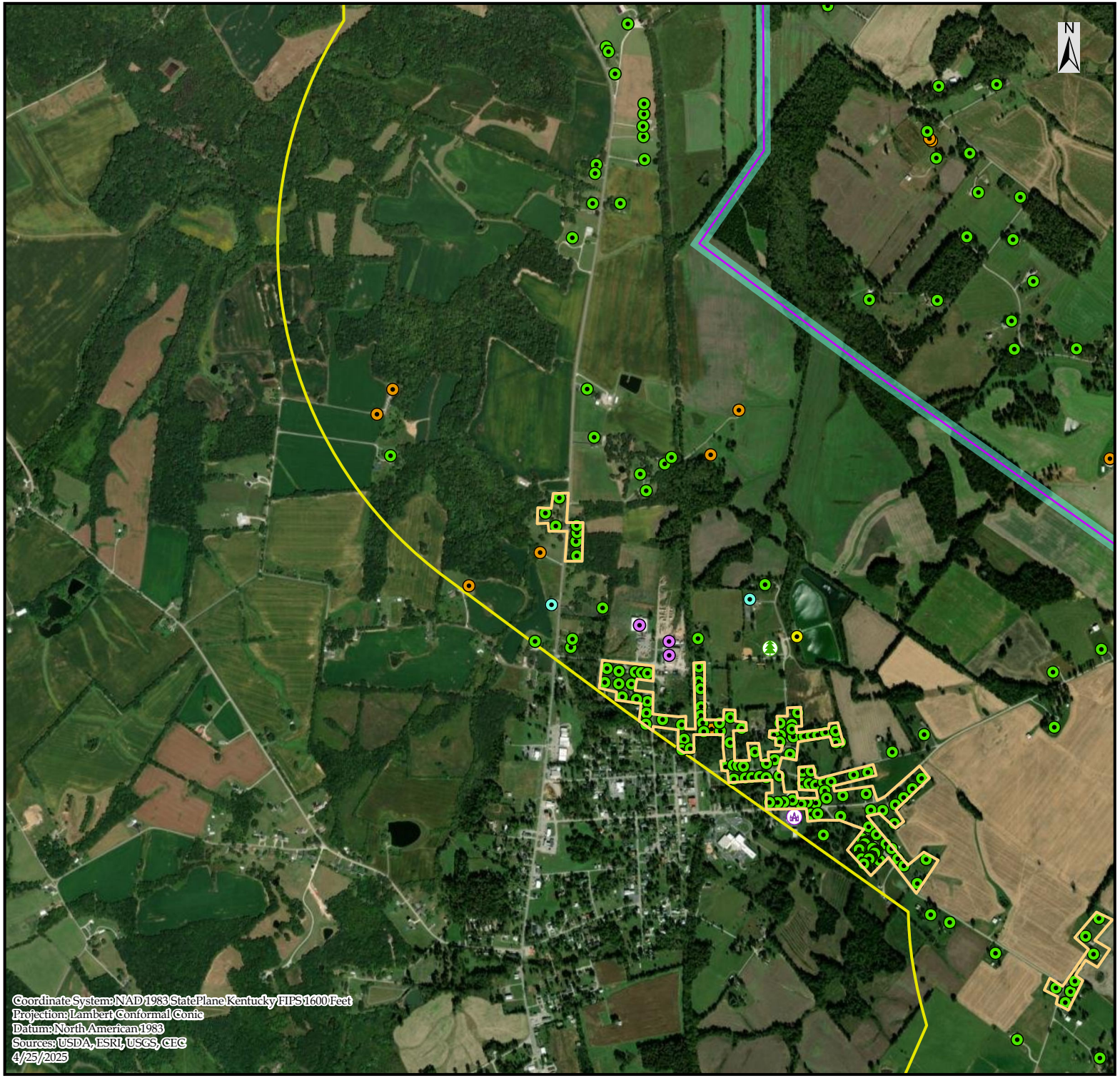


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FIGURE 1.6:
Transmission Line POIs
for the Lost City Solar Project,
Logan and Muhlenberg
Counties, Kentucky.

## Legend

- Residential
- Barn
- Utility
- Other
- Commercial
- Cemetery
- Church
- Park
- Transmission Centerline
- Right of Way
- Easement
- Residential Neighborhood
- 1mi Buffer
- Facility Project Area

0 1,000 2,000
US Feet

Scale: 1 in = 1,750 ft

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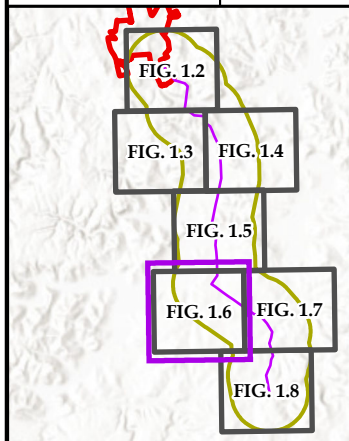


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FIGURE 1.7:
Transmission Line POIs
for the Lost City Solar Project,
Logan and Muhlenberg
Counties, Kentucky.

## Legend

- Residential
- Barn
- Utility
- Other
- Commercial
- Cemetery
- Church
- Park
- Transmission Centerline
- Right of Way
- Easement
- Residential Neighborhood
- 1mi Buffer
- Facility Project Area

0 1,000 2,000
US Feet

Scale: 1 in = 1,750 ft

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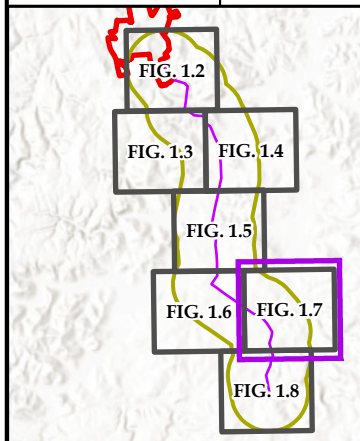

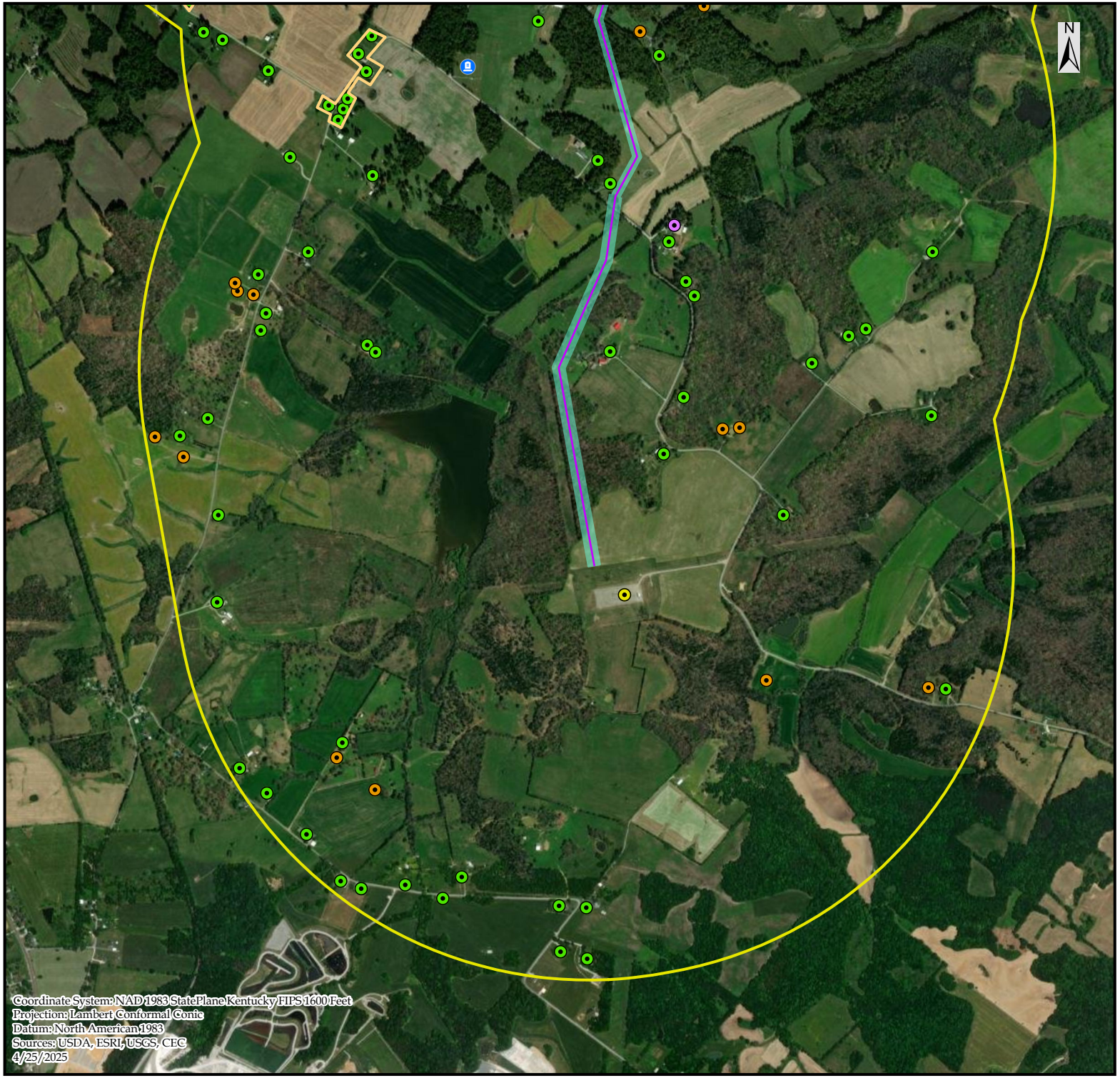


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**Lost City Renewables LLC**

FIGURE 1.8:
Transmission Line POIs
for the Lost City Solar Project,
Logan and Muhlenberg
Counties, Kentucky.

## Legend

- Residential
- Barn
- Utility
- Other
- Commercial
- Cemetery
- Church
- Park
- Transmission Centerline
- Right of Way
- Easement
- Residential Neighborhood
- 1mi Buffer
- Facility Project Area

0 1,000 2,000
US Feet

Scale: 1 in = 1,750 ft

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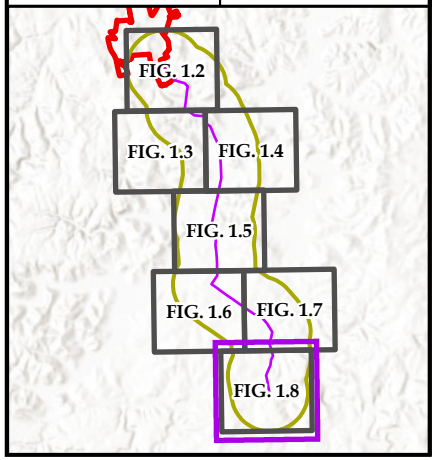


**Attachment C**

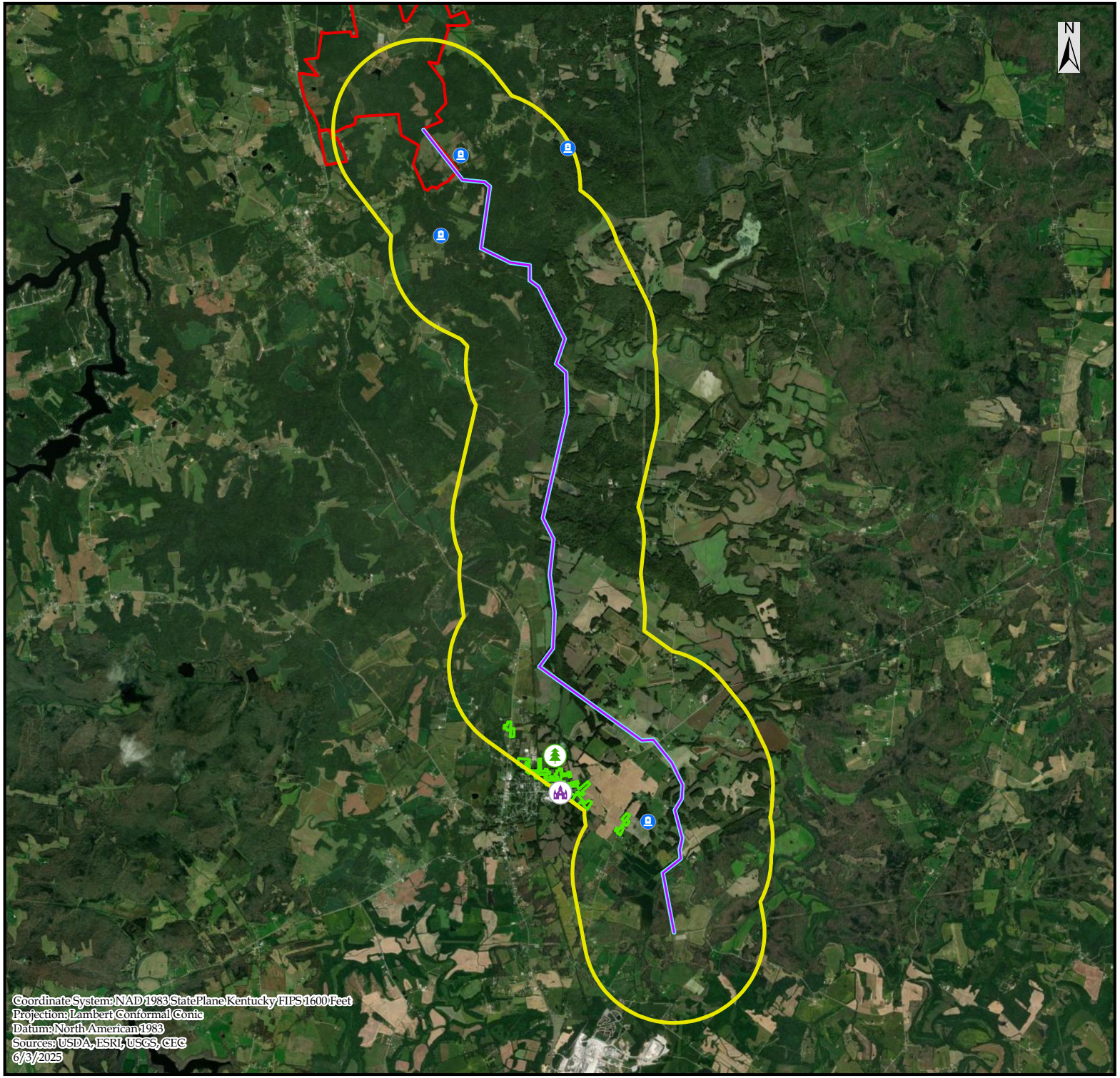
# TRANSMISSION LINE 1-MILE BUFFER AND DISTANCES TO RESIDENTIAL NEIGHBORHOODS, SCHOOLS, OR PUBLIC OR PRIVATE PARKS

**Lost City Renewables LLC**

Muhlenberg County, Kentucky

The table below shows the points of interest (POIs) within 1 mile of the proposed transmission line and their approximate distance in feet from centerline. No schools were within the 1-mile buffer.

| POI Number | POI Description | Approximate Distance to Transmission Line Centerline (feet) |
|---|---|---|
| 1 | Cemetery | 800 |
| 2 | Hope Cemetery | 5,071 |
| 3 | Dearmond Cemetery | 2,421 |
| 4 | Lewisburg Park | 3,680 |
| 5 | Mount Pleasant Baptist Church | 5,243 |
| 6 | Mount Pleasant Cemetery | 1,682 |
| 7 | Residential Neighborhood #1 (7 residents) | 3,580 |
| 8 | Residential Neighborhood #2 (127 residents) | 3,777 |
| 9 | Residential Neighborhood #3 (7 residents) | 2,632 |

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**Lost City Renewables LLC**

FIGURE 1.1:
Transmission Lines POIs
for the Lost City Solar Project,
Logan and Muhlenberg
Counties, Kentucky.

## Legend

- Church
- Park
- Cemetery
- Proposed Lost City Centerline
- Residential Neighborhood
- Right of Way
- 1 mi Buffer
- Facility Project Area

0 4,000 8,000
US Feet

Scale: 1 in = 8,000 ft

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| Drawn by: | TC | Date: | 6/3/2025 |
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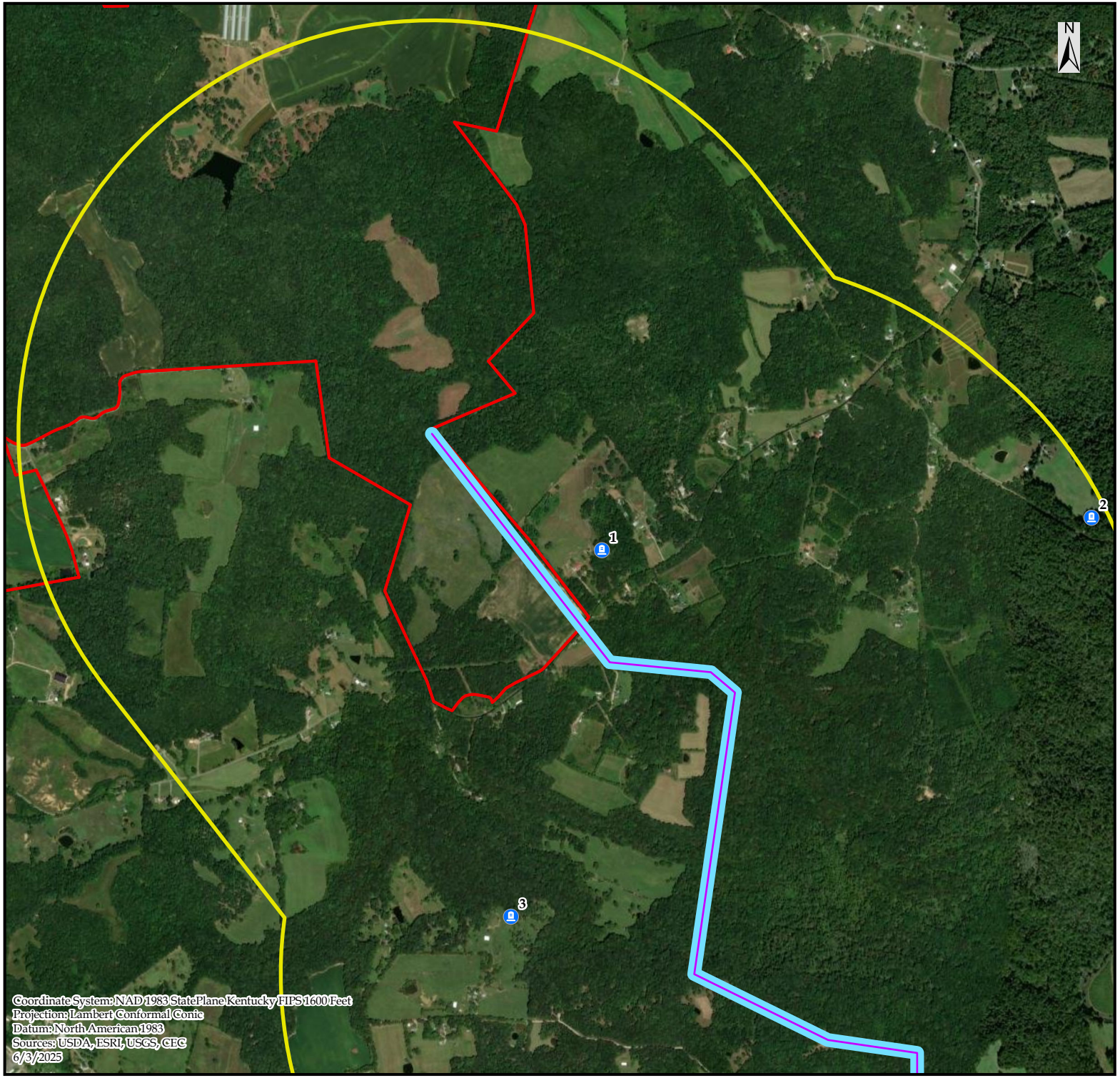


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FIGURE 1.2:
Transmission Line POIs
for the Lost City Solar Project,
Logan and Muhlenberg
Counties, Kentucky.

## Legend

- Church
- Park
- Cemetery
- Centerline
- Residential Neighborhood
- Right of Way
- 1 mi Buffer
- Facility Project Area

0 1,000 2,000
US Feet

Scale: 1 in = 1,750 ft


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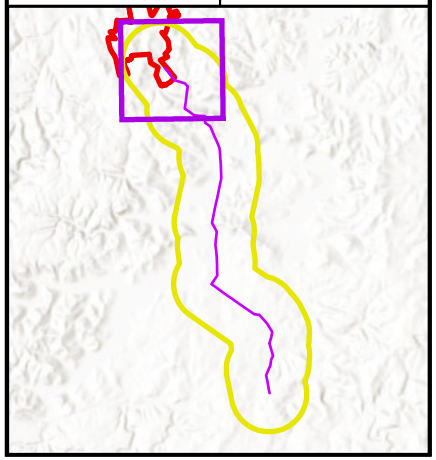

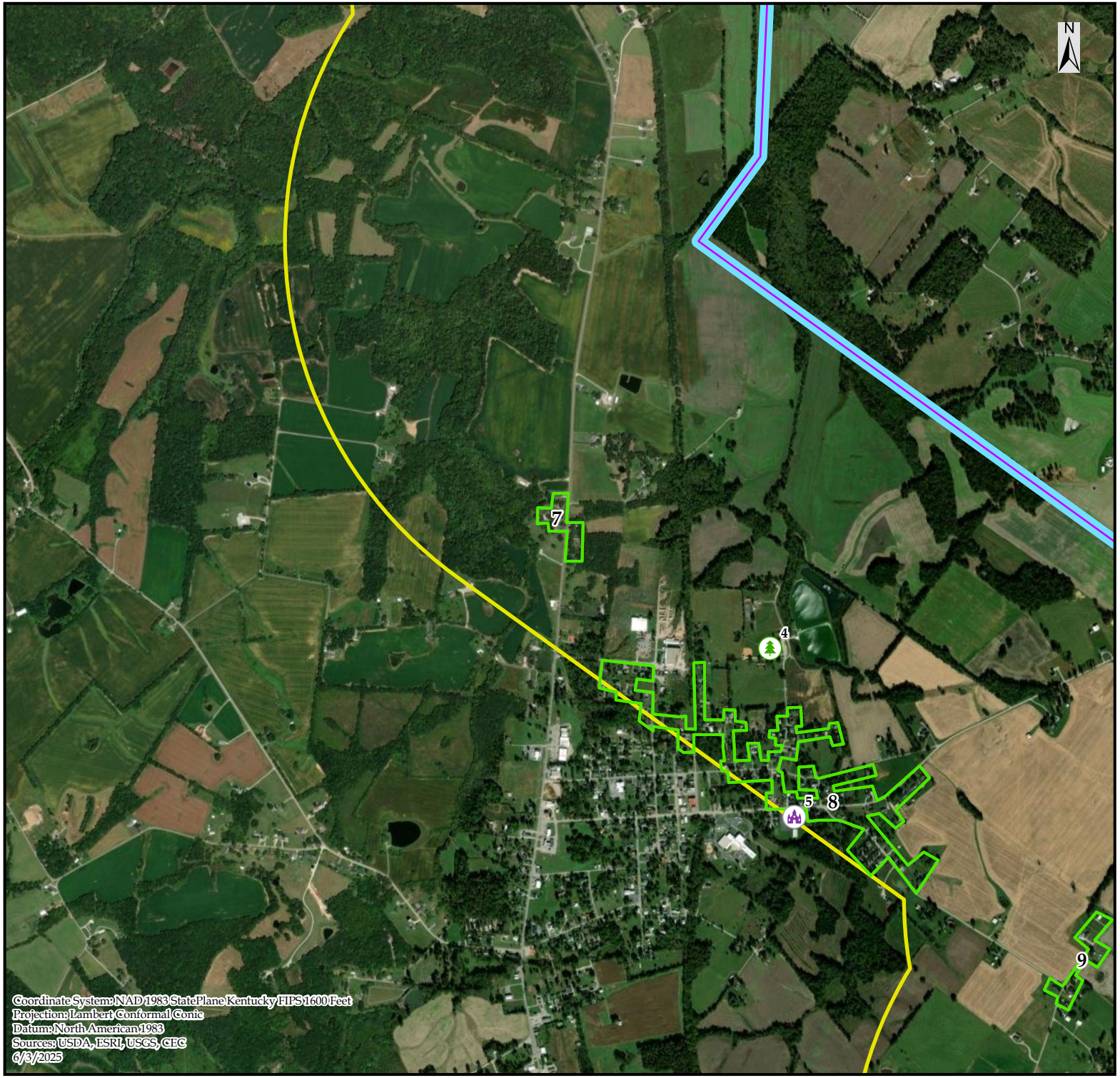


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Prepared for:

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FIGURE 1.6:
Transmission Line POIs
for the Lost City Solar Project,
Logan and Muhlenberg
Counties, Kentucky.

## Legend

- Church
- Park
- Cemetery
- Centerline
- Residential Neighborhood
- Right of Way
- 1 mi Buffer
- Facility Project Area

0 1,000 2,000
US Feet

Scale: 1 in = 1,750 ft


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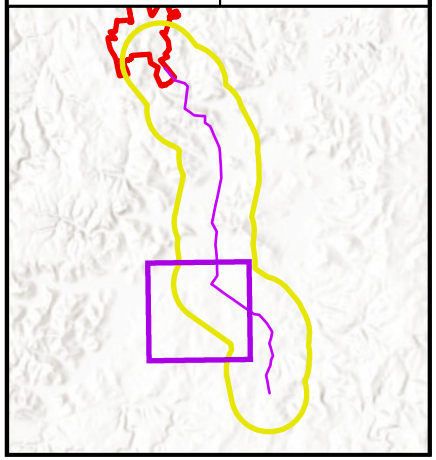

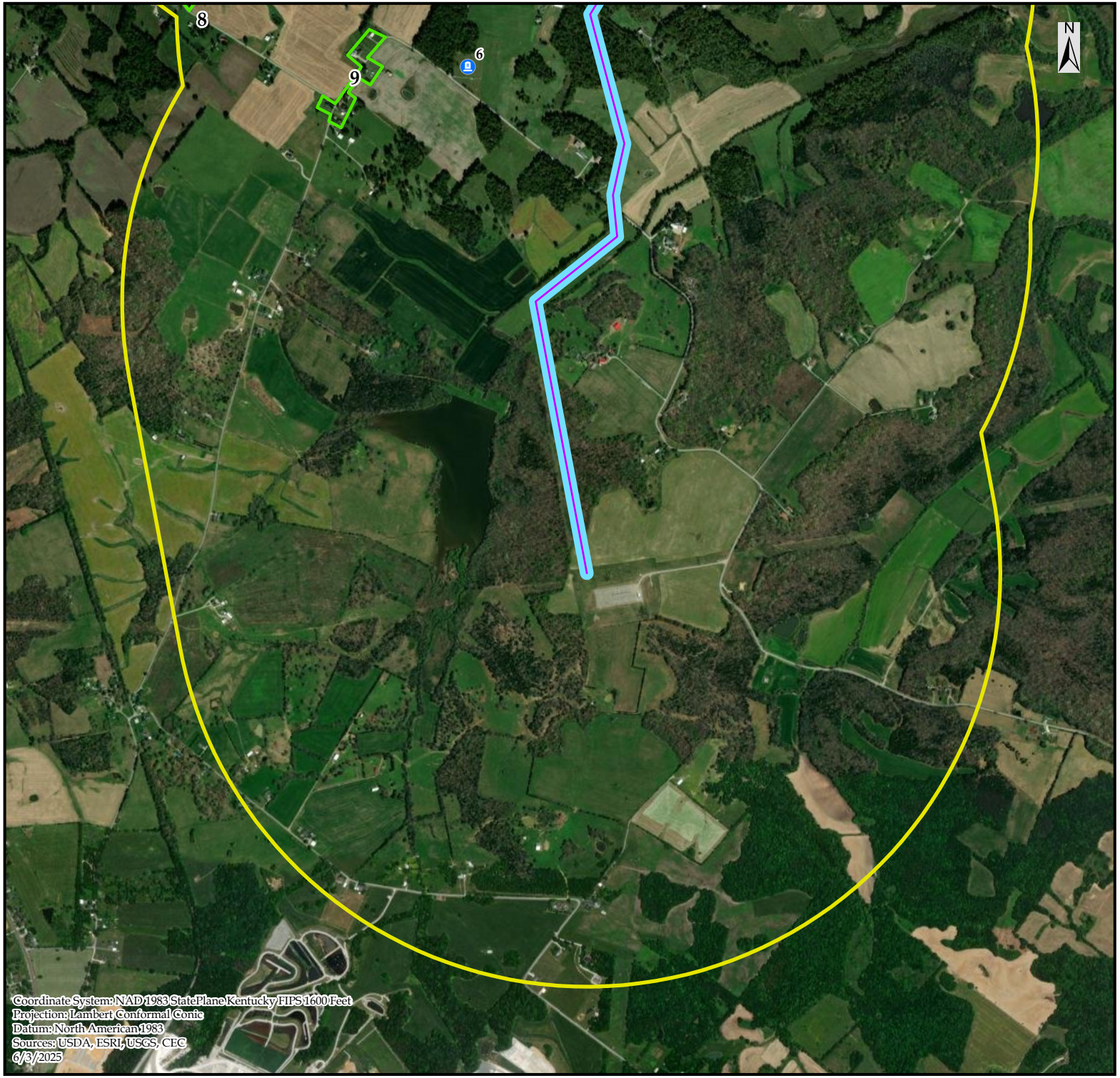


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Prepared for:

**Lost City Renewables LLC**

FIGURE 1.8:
Transmission Line POIs
for the Lost City Solar Project,
Logan and Muhlenberg
Counties, Kentucky.

## Legend

- Church
- Park
- Cemetery
- Centerline
- Residential Neighborhood
- Right of Way
- 1 mi Buffer
- Facility Project Area

0 1,000 2,000
US Feet

Scale: 1 in = 1,750 ft


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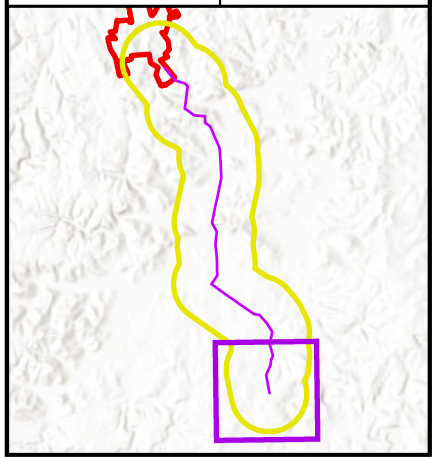

**Attachment D**

# VISIBILITY ANALYSIS

**Lost City Renewables LLC**

Muhlenberg County, Kentucky

COPPERHEAD
ENVIRONMENTAL CONSULTING

# Lost City Solar
# Transmission Line Visibility Methodology and Analysis

Lost City Renewables LLC

CIP Projects

412 15th Street, 15th Floor

New York, NY 10011

Kim Rhodes

Environnemental Planner

9 June 2025

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**Appendices**

# INTRODUCTION

Lost City Renewables LLC (the Applicant) is proposing the construction of a non-regulated electric transmission line (the Project) in Muhlenberg and Logan counties, Kentucky. The transmission line would support the proposed 250-MW solar facility, which would be constructed in Muhlenberg County. The proposed 161-kV transmission line would connect the proposed solar generation substation to the Tennessee Valley Authority's (TVA's) existing 161-kV transmission line via a future tap and installation at a TVA-owned switching station located at the TVA Lost City Substation at 2557 Lost City Road, Lewisburg, KY, 42256.

The proposed right-of-way limits (the Project Area) are primarily 150 feet wide (75 feet on each side of the centerline) with some sections 100 feet wide (50 feet on each side of the centerline). The transmission line will be approximately 10.5 miles in length. To reduce visual impacts, transmission line monopoles are proposed for the Project. The proposed nonregulated electric transmission line will be constructed and maintained in accordance with accepted engineering practices and the National Electric Safety Code.

This visibility analysis uses Geographic Information Systems (GIS) to attempt to quantify levels of visibility for residences within 2,000 feet of the Project (analysis area). The results of the analysis are summarized in a table and displayed in a corresponding map. A visibility analysis illustrates the predicted visibility that potentially may be expected for a project. It allows one to determine whether and where an object, such as a transmission line project, can geographically be seen within a larger regional area. The visibility model accounts for topography, vegetation, and the height of the transmission poles. Other assumptions used in the analysis are described later in this report.

# PROJECT AREA SETTING

The Project area is currently a mosaic of agricultural and pastural lands in addition to deciduous and mixed forest. The setting in the analysis area is rural, with developed areas nearby (but outside of the 2,000-foot analysis area) such as Lewisburg, Dunmor, and Penrod. Existing infrastructure within the Project Area includes multiple roads, highways, electrical transmission and distribution lines, and the TVA Lost City substation at the southern end of the Project Area. Scattered residential homes, as well as some commercial and industrial businesses, surround the Project Area.

Within the analysis area, none of the following occur:

- Wild, scenic, or recreational rivers
- Scenic districts or roads, including areas that may be under a scenic easement or locally designated historic or scenic districts and scenic overlooks
- Parks (federal, state, or local), Recreation Areas, or Wildlife Management Areas

- Historic resources listed or eligible for listing on National or State Registers of Historic Places

A search of the U.S. Fish and Wildlife Service National Wetlands Inventory (NWI) showed that there are multiple wetlands in the form of freshwater forested/shrub wetlands, freshwater ponds, and riverine wetlands in the Project Area. The United States Geological Survey (USGS) National Hydrography Dataset (NHD) showed multiple waterways traversing the Project Area. Additionally, sections of the Project Area are within the 100-year floodplain as designated by the Federal Emergency Management Agency (FEMA).

Although the character of the analysis area (and outside) is considered rural, there are several existing transmission lines that traverse the area (Figure 1). Because electric transmission and other distribution lines are part of daily life, their presence does not detract from this rural or natural character. The proposed transmission line would be consistent with these existing transmission lines in the vicinity of the Project.

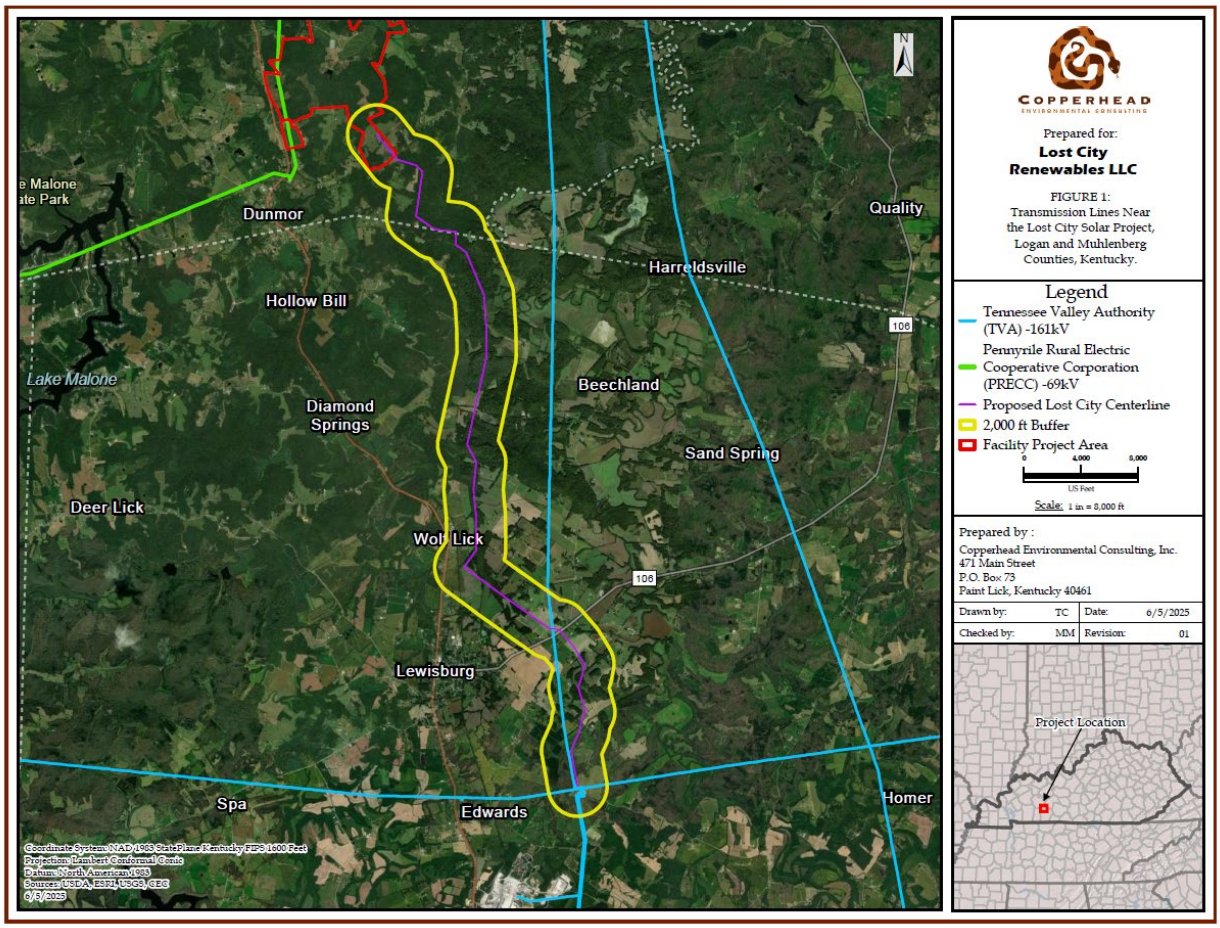



**Figure 1. Existing transmission lines within the vicinity of the Project.**

## ALTERNATIVES CONSIDERED

The proposed transmission line would be approximately 10.5 miles in length and shorter than two other transmission line alternatives considered. The proposed transmission line would affect the least number of unique landowners (28) and avoid all residences and cemeteries along the route. The leased property parcels are generally larger on the proposed transmission line route compared to alternatives considered, allowing for great flexibility in pole and transmission line alignment. The route of the proposed transmission line better addressed landowner location preferences.

The Applicant has considered alternative routes for the proposed transmission line. For example, the Applicant considered an alternative transmission line route traveling east to connect to TVA's existing 161-kV transmission line, but lack of transmission line capacity, extensive system upgrade requirements, and a multiyear lead time for TVA to undertake the upgrades eliminated this alternative transmission line route from further consideration.

Another alternative would have paralleled the existing TVA 161-kV transmission line. However, this transmission line alternative would be approximately 24 percent longer in length, affect more unique landowners (39), and have structural conflicts, such as cemeteries and residences, along the transmission line corridor.

Finally, a transmission line alternative along US 431 was evaluated. This alternative would affect more than 100 unique landowners, travel through Lewisburg and Dunmor, and have structural and residential conflicts.

## ANALYSIS INPUTS

The viewshed analysis was performed using Esri ArcGIS Pro version 3.5 with the Spatial Analyst Extension. The tool used is called Visibility. The data inputs and parameters used in this tool included the proposed transmission line centerline, pole locations and their heights, a digital elevation model (DEM), receptor locations, and a representative vegetation layer.

The vegetative layer was developed using a combination of the USGS National Land Cover Database (NLCD), aerial imagery, and light detection and ranging (LiDAR) point cloud data. LiDAR data is the best available elevation data for this analysis, as it includes high-resolution ground elevations in addition to building and individual tree heights that represent realistic physical visual impediments in the landscape. LiDAR elevation data was used for the topography-only analysis as well.

The LiDAR data provided two important variables for the analysis:

1. Helped confirm locations of vegetation, including filling gaps where the 30-meter resolution NLCD was too coarse to accurately capture existing vegetation in the Project

Area. Areas of trees that are approximately 50 to 60 feet wide were included in the vegetation layer, as that was determined to provide adequate screening potential.

2. Identified a range of vegetation heights to be used for the analysis. The highest and lowest return elevation values pertaining to a variety of locations were gathered to estimate overall canopy height. The majority of calculated tree heights ranged from 50-75 feet in the areas sampled. A conservative estimation of tree height to be used in the tool for the areas where trees would not be removed was approximately 60 feet.

Receptors (residences, churches, commercial properties, etc.) were identified using the 911 Site Structure Address Points for the Commonwealth of Kentucky, which are geographic location data used by 911 dispatchers and emergency services. Altogether, 64 receptors were identified and used in the analysis area. A common receptor height of 5.5 feet was used.

Elevation data collected from KyFromAbove in 2022 was stitched together to create a single DEM for the analysis area, which served as a base elevation for vegetation and receptors. The approximate height of these inputs was added to the DEM to yield a total height for the analysis.

Preliminary design plans identified 70 planned transmission line monopoles. The distances between poles range along the 10.5-mile-long right-of-way (ROW) but ultimately average about 750 feet apart. The heights of the poles range from approximately 120 to 145 feet.

## ANALYSIS ASSUMPTIONS

The visibility analysis identifies cells (image pixels) that contain elevation information and computes the differences along the terrain surface between an observer in the landscape and a target (e.g., transmission line pole). The model used by the visibility tool analyzes the differences along the terrain surface between an observer and all points within the analysis area. Like any model, several assumptions are used to produce the results:

- The model assumes that the viewer has perfect vision at all distances. Atmospheric conditions, such as haze or inclement weather, cannot be incorporated into the tool parameters. Therefore, a certain amount of reasonable interpretation should be considered because of the limitations of human vision at greater distances. Additionally, an object is naturally smaller and shows much less detail at distances and will have less visual impact. These aspects cannot be conveyed with this analysis.
- Leaf-on conditions of the trees are assumed, and transparency predictions through bare-branched trees or leaf-off conditions cannot be made.
- Thinner stands of trees, single trees, and hedgerows or fencerows are not thought to provide adequate screening. Rows of trees less than approximately 50 to 60 feet wide were not used in the analysis.
- Buildings were not included in the analysis, although any structure between the receptor and the Project would greatly reduce the potential for visibility.

- A receptor height of 5.5 feet above ground was used to assume typical eye level or first-floor level.
- The viewshed analysis depicts areas of visibility over a regional area. The analysis can only predict, geographically on a map, areas where some part of the transmission line poles might be seen. The analysis does not and cannot determine whether a full-on view or a partial view is seen. Additionally, if visibility of a transmission line pole is determined as occurring in an area, that determination may sometimes only be a result of glimpsing a portion of a pole over the treetop, between a gap in the trees, and not a full-on view. Likewise, there may be understory tree gaps where there may be visibility of the Project.

## RESULTS AND DISCUSSION

Visibility is interpreted as being from any location where any portion of infrastructure may be visible, even if such view is minimal, partial, or viewed through obstructions. The greatest number of poles that is anticipated to be seen from any receptor in the analysis area is 17 (see Table 2). Overall, visibility of the Project is expected generally to be minimal and is not anticipated to result in any adverse impacts on the receptor locations, aesthetic resources, or scenic views. The proposed transmission line is consistent with the existing transmission lines within the vicinity of the Project and would not further detract from the rural character of the area.

Of the 63 receptor locations within the analysis area, two are cemeteries. According to modeled results, visibility of the Project from these cemeteries is anticipated to be minimal or not visible. The remaining receptor locations are residences. Visibility of the Project ranges from Low to High, with a decreasing number of receptors impacted as visibility increases (Table 1). All receptor locations are shown on Figure 1, Appendix A.

**Table 1. Number of Residential Receptors by Level of Visibility of the Project.**

| Approx. Number of Poles Visible | Count of Receptors |
|---|---|
| **0 (No Visibility)** | 25 |
| **1 – 6 (Low Visibility)** | 22 |
| **7 – 12 (Moderate Visibility)** | 14 |
| **13 – 17 (High Visibility)** | 2 |

Approximately 38 residential receptors are likely to have some visibility of the Project. Those receptors are shown in Table 2. Visibility doesn't imply a full-on view, as discussed in the Analysis Assumptions. The visibility analysis and receptor locations are shown in Figure 2, Appendix A. No schools, public or private, parks, or residential neighborhoods [as defined by KRS 278.700(6)] occur within the analysis area.

While the majority of receptors in the analysis area (47 in total) are expected to experience no or minimal visibility of the Project, approximately 16 receptors are anticipated to experience moderate or greater visibility. This is likely due to a combination of factors, in addition to the analysis assumptions, as described above. For example, a pole is considered to be visible even if only a portion of it may be seen due to vegetative conditions or other structures that may block some, but not all, of the Project. Distance from the receptor location to the poles or ROW was not incorporated into the analysis; however, this factor, in combination with the varying heights of the poles, terrain, and vegetation within the analysis area, is an important consideration in interpreting these results.

**Table 2. Modeled Visibility Results at Each Residential Receptor (where visibility is greater than zero).**

| Receptor # | Approx. Number of Poles Visible at Receptor |
|---|---|
| **1** | 1 |
| **2** | 9 |
| **4** | 1 |
| **5** | 1 |
| **7** | 3 |
| **10** | 3 |
| **14** | 11 |
| **15** | 2 |
| **16** | 12 |
| **17** | 3 |
| **20** | 14 |
| **25** | 1 |
| **26** | 1 |
| **28** | 2 |
| **29** | 4 |
| **33** | 6 |
| **34** | 9 |
| **35** | 1 |

| Receptor # | Approx. Number of Poles Visible at Receptor |
|---|---|
| **36** | 12 |
| **38** | 4 |
| **40** | 2 |
| **41** | 11 |
| **42** | 10 |
| **43** | 8 |
| **44** | 9 |
| **45** | 10 |
| **46** | 8 |
| **47** | 5 |
| **48** | 3 |
| **49** | 8 |
| **51** | 4 |
| **52** | 2 |
| **53** | 1 |
| **56** | 5 |
| **57** | 7 |
| **60** | 17 |
| **62** | 1 |

# LITERATURE CITED

Commonwealth of Kentucky. 2022. KyFromAbove Phase 2 data collection. Accessed on June 4, 2025. Available at https://kyfromabove.ky.gov/.

Esri. Visibility Analysis for ArcGIS Pro 3.5. https://pro.arcgis.com/en/pro-app/latest/tool-reference/spatial-analyst/visibility.htm.

Kentucky Division of Geographic Information. 2025. 911 Site Structure Address Points for the Commonwealth of Kentucky. Accessed June 4, 2025. Available at https://www.arcgis.com/home/item.html?id=2834b20ab27c4b599759a873e9e2b4d2.

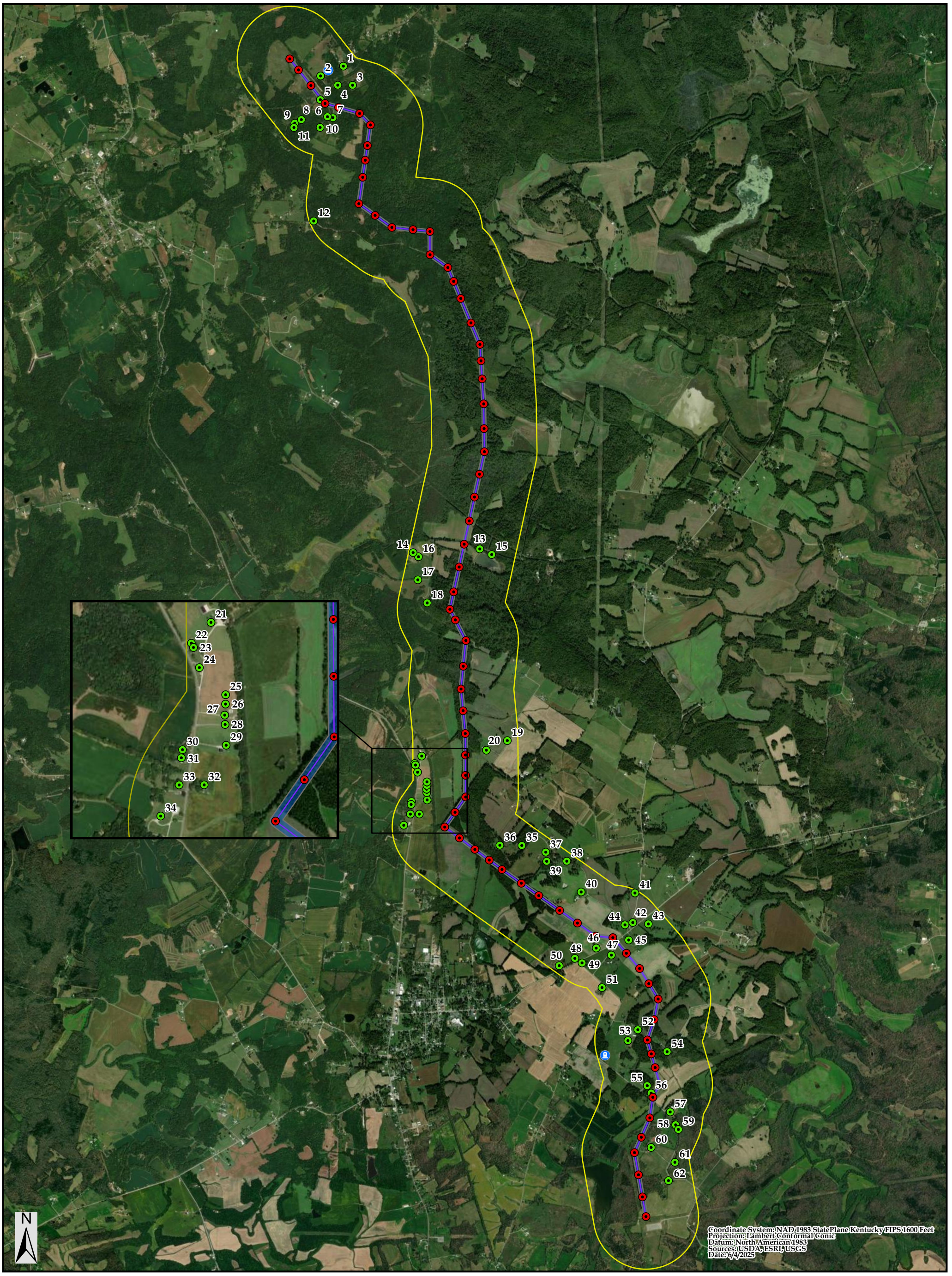
U.S. Fish and Wildlife Service. 2024. National Wetlands Inventory. Accessed March 2024. Available at https://www.fws.gov/program/national-wetlands-inventory/wetlands-data.

United States Geological Survey. 2023. National Land Cover Database for the Continental U.S. (CONUS). Accessed March 2024. Available at https://www.mrlc.gov/data?f%5B0%5D=project_tax_term_term_parents_tax_term_name%3AAnnual%20NLCD.

United States Geological Survey. 2023. National Hydrography Dataset. Accessed March 2024. Available at https://www.usgs.gov/national-hydrography/national-hydrography-dataset.

# APPENDIX A

## Visibility Analysis Result Maps

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| Drawn by: | JTC | Date: | 6/4/2025 |
| Checked by: | MM | Revision: | 01 |

Prepared for:

**Lost City Renewables LLC**

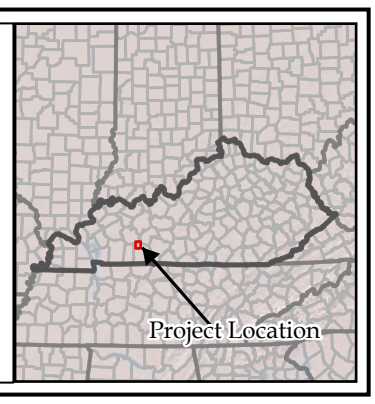
FIGURE 1:
Viewshed Analysis Receptor Map for the Lost City Solar Project, Logan and Muhlenberg Counties, Kentucky

**Legend**

- Pole Location
- Receptor
- Cemetery
- Transmission Line
- Transmission Line ROW
- 2,000 ft Buffer

0 1,750 3,500
US Feet

Scale: 1 in = 3,500 ft



## Visibility

51 Poles

0

N

Coordinate System: NAD 1983 StatePlane Kentucky FIPS 1600 Feet
Projection: Lambert Conformal Conic
Datum: North American 1983
Sources: USDA, ESRI, USGS
Date: 6/4/2025

COPPERHEAD
ENVIRONMENTAL CONSULTING

Prepared by :

Copperhead Environmental Consulting, Inc.
471 Main Street
P.O. Box 73
Paint Lick, Kentucky 40461

| | | | |
|---|---|---|---|
| Drawn by: | JTC | Date: | 6/4/2025 |
| Checked by: | MM | Revision: | 01 |

Prepared for:

**Lost City Renewables LLC**

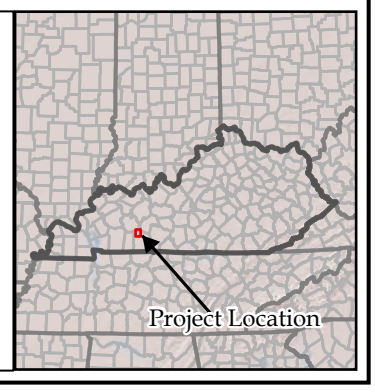
FIGURE 2:
Viewshed Analysis Receptor Map for the Lost City Solar Project, Logan and Muhlenberg Counties, Kentucky

**Legend**

- Pole Location
- Receptor
- Cemetery
- Transmission Line
- Transmission Line ROW
- 2,000 ft Buffer

0 1,750 3,500
US Feet

Scale: 1 in = 3,519 ft



**Attachment E**

# EVIDENCE OF PUBLIC NOTICE

**Lost City Renewables LLC**

Muhlenberg County, Kentucky

## PUBLIC NOTICES

**BUDGET HEARING REGARDING PROPOSED USE OF COUNTY ROAD AID AND LOCAL GOVERNMENT ECONOMIC ASSISTANCE (LGEA) FUNDS**

A public hearing will be held by Muhlenberg County at the courthouse on Thursday, June 12, 2025 at 3:00 p.m. for the purpose of obtaining citizens comments regarding the possible uses of the County Road Aid (CRA) and Local Government Economic Assistance (LGEA) Funds.

All interested persons in Muhlenberg County are invited to the hearing to submit verbal or written comments on possible uses of the CRA and LGEA Funds. Any person who cannot submit written comments or attend the public hearing but wish to submit comments, should call the Office of the County Judge Executive at 270-338-2520 by Thursday, June 12, 2025 so arrangements can be made to secure their comments. 6-3c

## PUBLIC NOTICES

The following Estates have been Probated and Fiduciary appointments made in the Muhlenberg District Court. Creditors are notified that all claims against said estates must be filed within six (6) months from the date of appointment.

On May 21, 2025, the estate of Ricky Lee Whitehouse, 2020 State Route 171, Greenville, Kentucky 42345 to Homer Whitehouse, Administrator, 2020 State Route 171, Greenville, Kentucky 42345 Attorney representing estate: None.

On May 27, 2025, the estate of Steven Todd Mercer, 100 West Broad Street, Central City, Kentucky 42330 to Michael H. Mercer, Executor, 107 Fairway Drive, Central City, Kentucky 42330. Attorney representing estate: Jonathan King, 213 East Broad Street, Central City, Kentucky 42330.

On May 21, 2025, the estate of Ronald Welborn, 320 State Route 81, Greenville, Kentucky 42345 to Linda G. Welborn, Executrix, 320 State Route 81, Greenville, Kentucky 42345. Attorney representing estate: Alexandra Panarelli, 166 North Main Street, Greenville, Kentucky 42345.

On May 21, 2025, the estate of Nevin Bard, 211 HC Mathis Drive, Greenville, Kentucky 42345 to Kelley Bard, Administrator, 601 Canoe Creek Drive, Henderson, Kentucky 42420. Attorney representing estate: Ryan Driskill, P.O. Box 370, Greenville, Kentucky 42345.

On May 22, 2025, the estate of Jacqueline Pogue, 312 Merle Travis Highway, Drakesboro, Kentucky 42337 to Beverly Suttle, Co-Executor, 439 Merle Travis Highway, Drakesboro, Kentucky 42337, Teresa Davis, Co-Executor, 44 Miners Loop, Beech Creek, Kentucky 42321 and David Pogue Jr., Co-Executor, 312 Merle Travis Highway, Drakesboro, Kentucky 42337. Attorney representing estate: Elizabeth Ashley Bruce, 166 North Main Street, Greenville, Kentucky 422345.

On May 21, 2025, the estate of John Julius Martin, 608 West Main Street, Powderly, Kentucky 42367 to Johnny Martin, Co-Administrator, 608 West Main Street, Powderly, Kentucky 42367, Tina Sapp, Co-Administrator, 3181 Merle Travis Highway, Beechmont, Kentucky 42323 and Teresa Chaney, Co-Administrator, 600 West Main Street, Powderly, Kentucky 42367. Attorney representing estate: None. 6-3c

## PUBLIC NOTICES

**INVITATION FOR BIDS**
**Muhlenberg County Fiscal Court**

The Muhlenberg County Fiscal Court is accepting sealed bid proposals for infrastructure improvements, specifically the replacement of tiles, culverts, and a bridge at the following locations:

•Riverside Road (CR 1008)
•Sharon Depoy Road (CR 1307)
•Phillipstown Road (CR 1377)

**Project Specifications:** Detailed project specifications are available from the Office of the Judge Executive, located on the second floor of the Muhlenberg County Courthouse: P.O. Box 137 100 South Main Street Greenville, KY 42345 Phone: (270) 338-2520

**Bid Submission Deadline:** All bid proposals must be received by **2:00 p.m. CT on June 12, 2025**.

**Submission Methods:**

**•By Mail or Hand Delivery:** To the address listed above

**•By Email:**

• m.mcgehee@muhlenbergcountyky.org

• k.richey@muhlenbergcountyky.org

The Muhlenberg County Fiscal Court reserves the right to reject any and all bid proposals and to waive any informalities or irregularities in the bidding process. 6-10c

## PUBLIC NOTICES

Please take notice that the Housing Authority's of Central City and Greenville, Kentucky, pursuant to KRS 424.130 CFR Part 880 et seq, and all other applicable law, will accept comments from the public on June 20, 2025 at the hour of 10:00 a.m. The aforesaid comments will be heard in the Community Room of the Central City Housing Authority, which is located in the Administration building of the Housing Authority, having a street address of 509 South 9th Street, Central City, Kentucky 42330. The purpose of this meeting is to explain to interested members of the public the policies and proposed policies, annual and five year plans, and the proposed capital funding improvements. This public notice is for the purpose of receiving comments from the public regarding the matters which are to be addressed.

This the 2nd day of June 2025.

Terry L. Smith
Executive Director
Housing Authority of Central City
6-10c

## PUBLIC NOTICES

Lost City Renewables LLC is proposing to develop, construct, own, and operate Lost City Solar, a 250-megawatt solar project located approximately 0.4 miles east of Penrod and 1.25 miles northeast of Dunmor in Muhlenberg County, Kentucky. The proposed project will encompass approximately 1,413 acres of private land. The facility will consist of solar photovoltaic panels and the associated racking systems, electric equipment, project substation and transformer, utility switching station, and underground electrical connection lines. The Kentucky State Siting Board on Electric Generation and Transmission Siting is hosting a public hearing in regards to the proposed Lost City project (Case No. 2024-00406) on Friday, June 13, 2025, at 9:00 am Eastern Daylight Time in the Richard Raff Hearing Room at the offices of the Public Service Commission at 211 Sower Boulevard, Frankfort, Kentucky. The hearing will be streamed live and may be viewed on the PSC website, psc.ky.gov.

Public comments may be made at the beginning of the hearing. Those wishing to make oral public comments may do so by following the instructions listed on the PSC website, psc.ky.gov. 6-3c

## PUBLIC NOTICES

**PUBLICATION OF NOTICE FOR TRANSMISSION LINE**

Lost City Renewables LLC is proposing to build a 161 kV nonregulated electric transmission line (the "transmission line") approximately 10.5 miles in length from the proposed Lost City Renewables LLC substation to the Tennessee Valley Authority (TVA) Lost City Substation. The transmission line will start in Muhlenberg County east of Dunmor and connect in Logan County, east of Lewisburg. The transmission line will interconnect Lost City's proposed 250 MW solar facility into TVA's transmission system, which is before the Siting Board in Case No. 2024-00406. The transmission line is subject to approval by the Kentucky State Board on Electric Generation and Transmission Siting. The Siting Board may be contacted at 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602; phone (502) 564-3940; toll-free 1-800-772-4636. 6-3c



## PUBLIC NOTICES

Advertisement for Bids
Project No.: 20-013
Owner: Muhlenberg County Opportunity Center
615 Opportunity Way
Greenville, Kentucky 42345

Separate sealed bids for the Building Renovation for Muhlenberg County Opportunity Center will be received on Tuesday, July 1, 2025, at the office of the Muhlenberg County Opportunity Center, 615 Opportunity Way, Greenville, Kentucky, 2:00 P.M. CST, and then at said office publicly opened and read aloud.

The project involves all labor, materials, equipment, tools and services necessary to renovate the existing building used by Muhlenberg County Opportunity Center. The project to be constructed and pursuant to this Contract will be financed with assistance from the Kentucky Community Development Block Grant Program and is subject to all applicable Federal laws and regulations.

A Bid bond or certified check for a value of not less than five percent (5%) of the Bidder's total bid amount, including all alternatives bids items and other items as noted. The guarantee shall be made out to: Muhlenberg County Opportunity Center.

Each bid must be submitted in a sealed envelope bearing on the outside the name of the bidder, address, and the name of the project for which the bid is submitted. Only the original Form of Proposal is required, no additional copies are required.

If a bidder wishes to mail a bid, it should be mailed to Muhlenberg County Opportunity Center, 615 Opportunity Way, Greenville, Kentucky, 42345 to the attention of Cindy Harper, Executive Director. If bid is mailed, it must be received prior to the bid time and date noted. Facsimile bids will NOT be allowed. Bids received after the deadline will not be opened. If forwarded by mail, the sealed envelope containing the bid must be enclosed in another envelope addressed as specified.

A pre-bid meeting will be conducted on Monday, June 9, 2025, at 10:00 A.M. CST at the Project Site.

The Information for Bidders, Form of Bid, Form of Contract, Plans, Specifications and Forms of Bid Bond, Performance and Payment Bond, and other contract documents may be examined at the following:

Muhlenberg County Opportunity Center, 615 Opportunity Way, Greenville, Kentucky 42345

PFGW Architects, 101 South 4th Street, Paducah, Kentucky 42002-0510

Pennyrile Area Development District, 300 Hammond Drive, Hopkinsville, Kentucky 42240 www.peadd.org

River City Printing, LLC., 222 Kentucky Ave, Paducah, Kentucky

Plans and specifications may be obtained from River City Printing, LLC, Paducah, Kentucky, or at River City Printing's website at www.rivercityprintingllc.com.

Attention of bidders is particularly called to the requirements as to conditions of employment to be observed and minimum wage rates to be paid under the contract. These include Section 3, Segregated Facility, Section 109 and E.O. 11246. Further, Title VI Minority bidders are encouraged to bid.

This project will be partially funded with Federal funds from the United States Department of Commerce, Economic Development Administration and therefore is subject to the Federal laws and regulations associated with that program (EDA Investment No. 04-79-07904).

No bidder may withdraw his bid within thirty (30) days after the actual date of the opening thereof. 6-10c

## Answers to last week's puzzle

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| 7 | 5 | 3 | 2 | 4 | 6 | 9 | 8 | 1 |
| 2 | 1 | 4 | 8 | 9 | 5 | 7 | 6 | 3 |
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| 9 | 7 | 1 | 6 | 5 | 3 | 2 | 4 | 8 |
| 4 | 3 | 5 | 9 | 8 | 2 | 1 | 7 | 6 |

The City of Central City will hold a public hearing on June 11, 2025 at 5:00 p.m. at City Hall, 214 North 1st Street, Central City, Kentucky 42330 to take comments on the 2025-2026 proposed budget.

| | | |
|---|---|---|
| **(1)** | **REVENUE:** | |
| | **1. Taxes:** | **$2,187,260.00** |
| | **2. Licenses and permits:** | **82,900.00** |
| | **3. Intergovernmental revenue:** | **428,800.00** |
| | **4. Charges for services:** | **765,500.00** |
| | **5. Public enterprise:** | **5,552,500.00** |
| | **6. Other revenue:** | **663,167.00** |
| | **7. Tourist Commission revenue:** | **208,350.00** |
| | **8. Convention Center** | **1,131,500.00** |
| | **9. Economic Development:** | **54,200.00** |
| | | **11,074,177.00** |
| **(2)** | **EXPENDITURES:** | |
| | **1. General government** | **$2,748,400.00** |
| | **2. Public safety:** | **1,045,492.00** |
| | **3. Public works:** | **333,735.00** |
| | **4. Public enterprise:** | **5,552,500.00** |
| | **5. Convention Center** | **1,131,500.00** |
| | **6. Economic Development** | **54,200.00** |
| | **7. Tourist Commission expense:** | **208,350.00** |
| | | **11,074,177.00** |

**Leader-News**

P.O. Box 471, Central City, KY 42330 P.O. Box 138, Greenville, KY 42345
Phone: 270-754-3000 Fax: 270-754-9484

## NEWSPAPER AFFIDAVIT

I, Cate Brown, Editor of the Leader-News Newspaper published at Central City and having the largest general circulation of any newspaper in Muhlenberg County, Kentucky do hereby certify that from my own knowledge and a check of the files of this newspaper that the Public Notice for Transmission Line proposed by Lost City Renewables LLC was inserted on June 3, 2025 on Page A-9.

Cate Brown

Subscribed and Affirmed to Before Me By Cate Brown this 3rd day of June 2025.

My Commission Expires 09/14/28 - ID #KYNP14996 Audra Michelle Nelson

Audra Michelle Nelson