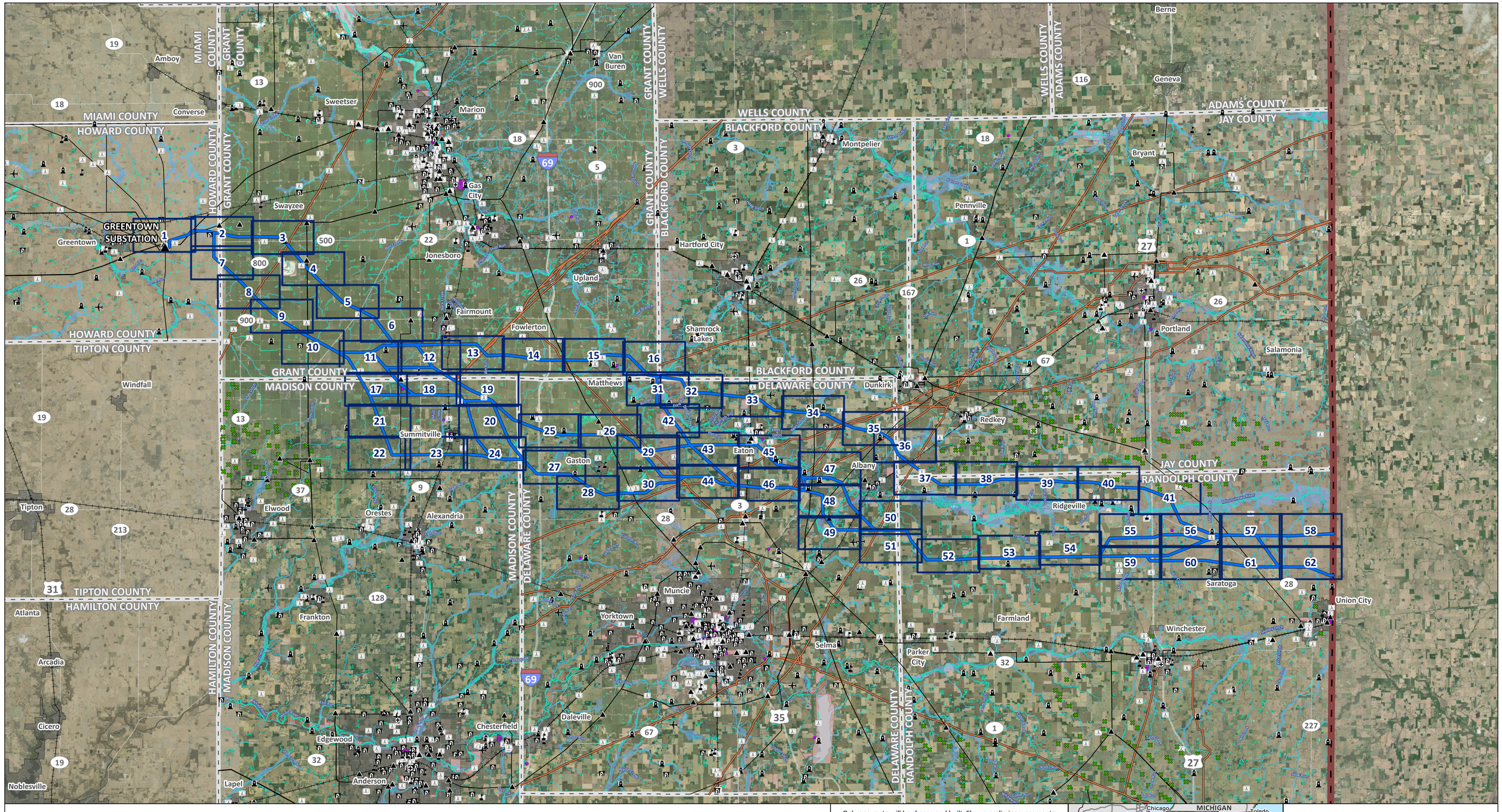


- Existing Substation
- Figure Key
- Greentown – Thistlewood (OH) Study Segment
- Existing Transmission
- Pipeline
- Railroad
- Airport
- Exisiting Wind Turbine
- Hospital
- School
- Communication Tower
- Place of Worship
- Cemetery
- Stream
- Waterbody
- FEMA Floodway
- FEMA 100-Year Flood Zone
- Wetland
- NRHP and Eligable Structure
- NRHP Historic District
- Protected Land (PADUS)
- City Boundary
- County Boundary
- State Boundary

AEP TRANSMISSION
An AEP Company

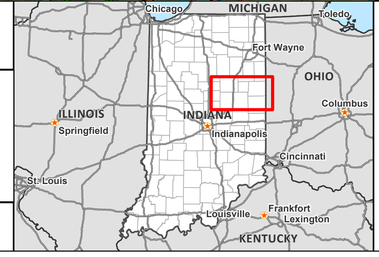
Only one route will be chosen and built. Shown preliminary segments could change based on landowner input, engineering, ground surveys and studies.

1 inch = 12,000 feet
when printed at 22x34

0 10,000 20,000 30,000
Feet

Imagery Source: ESRI World Imagery 2025

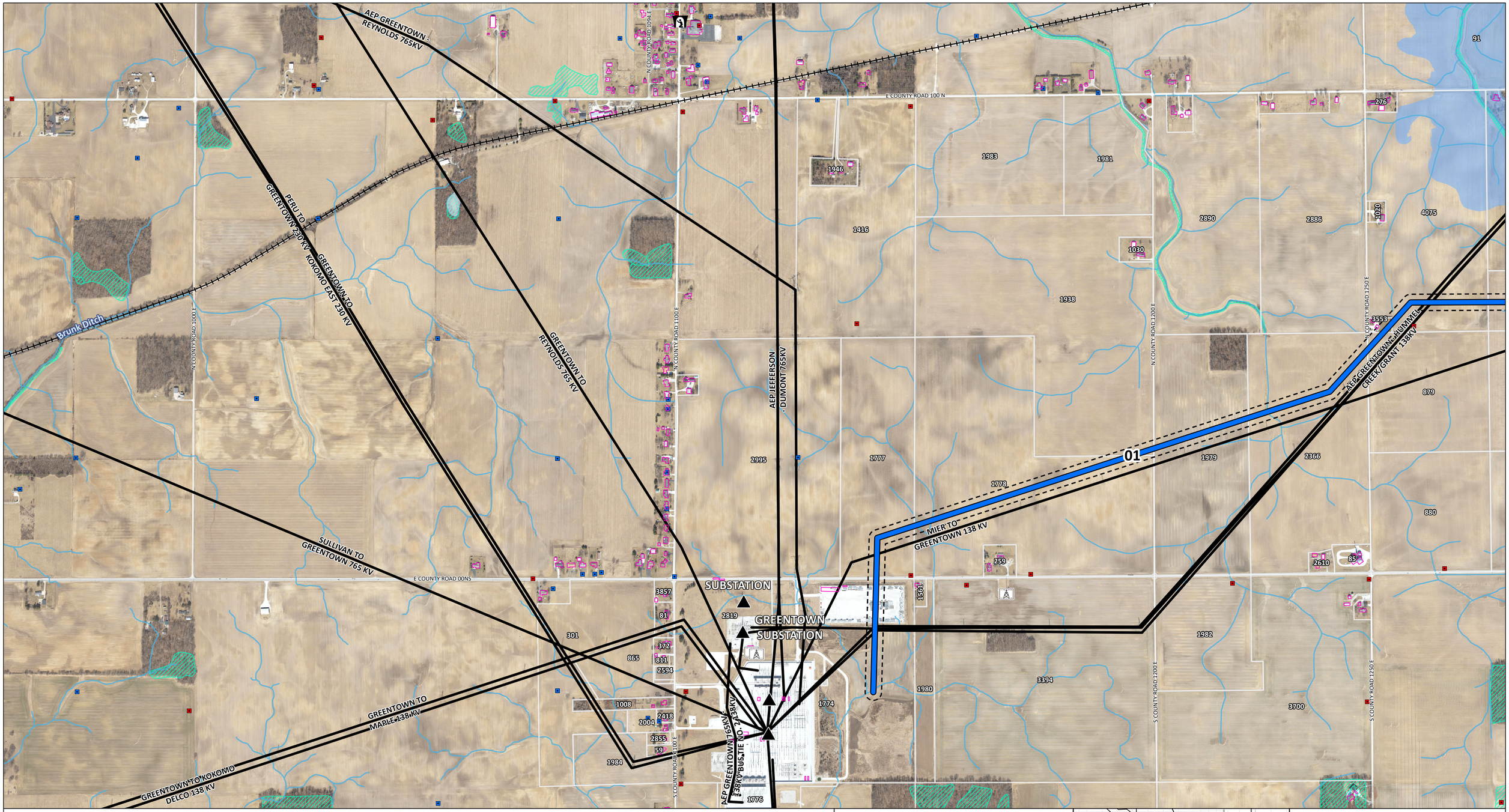
September 30, 2026



Constraints Map

Eastern Indiana
Grid Reliability Project

Champaign, Clark, Darke, Franklin, Miami, Shelby, Madison, and Union Counties, OH



- Existing Substation
- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
  *Shown at 180-feet but subject to change
- Existing Transmission Line
- Railroad
- Water Well
- Oil/Gas Well
- Communication Tower
- Place of Worship
- Stream
- Waterbody
- FEMA 100-Year Flood Zone
- Wetland
- Building
- Parcel Boundary

AEP TRANSMISSION
An AEP Company

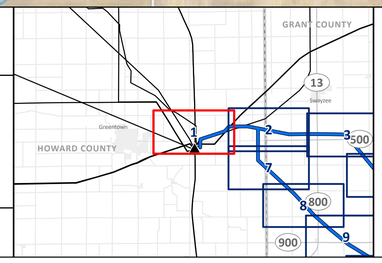
Only one route will be chosen and built. Shown preliminary segments could change based on landowner input, engineering, ground surveys and studies.

1 Inch = 500 Feet
when printed at 22x34

0 500 1,000 1,500
Feet

Imagery Source: Indiana Imagery Program (2022)

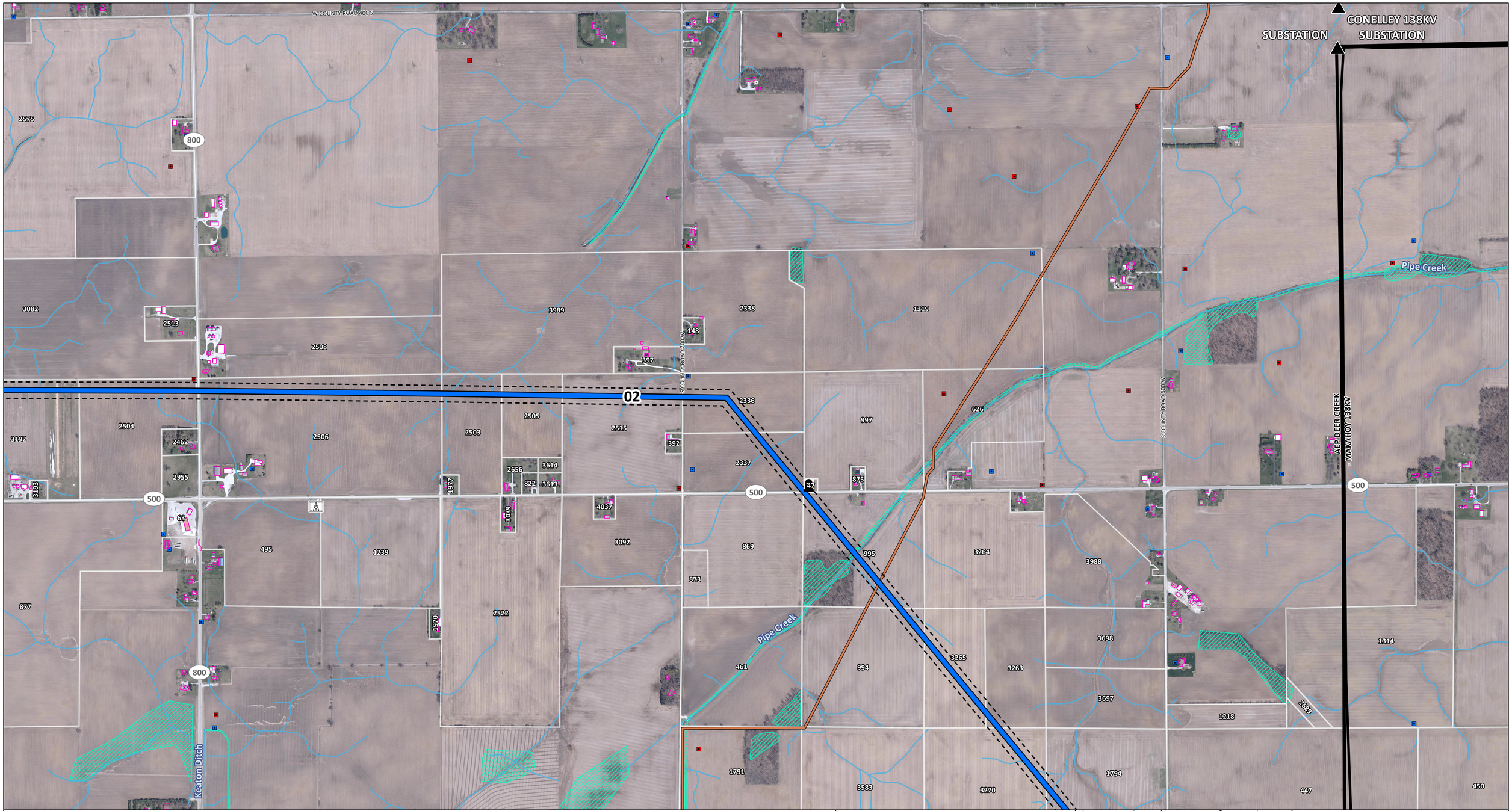
September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Howard County, IN

HOWARD COUNTY
GRANT COUNTY
SUBSTATION
SUBSTATION
AEP GREENTOWN-HUMMEL CREEK/GRANT 138KV
MIER TO GREENTOWN 138 KV
01
02
03
E COUNTY ROAD 100 N
E COUNTY ROAD 00NS
W COUNTY ROAD 400 S
S MAIN ST
N COUNTY ROAD 1350 E
N COUNTY ROAD 1300 E
N COUNTY ROAD 1400 E
S COUNTY ROAD 1400 W
S COUNTY ROAD 1300 E
S COUNTY ROAD 900 W
S COUNTY ROAD 850 W
Little Pipe Creek
500
1069
1071
91
1070
2474
1457
1458
2475
2889
2888
2891
90
937
4075
156
1460
2887
3209
3498
3492
2583
2397
3088
3084
416
1963
3085
2575
157
1961
936
1962
3082
879
155
3054
3053
3030
3029
876
3083
1960
820
821
2365
1879
95
490
3620
3269
3262
491
486
488
487
489
492
3192
880
3051
4022
1978
3621
1159
631
3193
1000
1060
330
2582
472
1707
2097
877
1461
2573
2574
874
1708
797
Existing Substation
Greentown – Thistlewood (IN) Study Segment
Greentown – Thistlewood (IN) Right-of-Way
*Shown at 180-feet but subject to change
Existing Transmission Line
Water Well
Oil/Gas Well
Place of Worship
Stream
Waterbody
FEMA 100-Year Flood Zone
Wetland
County Boundary
Building
Parcel Boundary
AEP TRANSMISSION
An AEP Company
Only one route will be chosen and built. Shown preliminary segments could change based on landowner input, engineering, ground surveys and studies.
1 Inch = 500 Feet
when printed at 22x34
0 500 1,000 1,500
Feet
Imagery Source: Indiana Imagery Program (2022)
September 30, 2026
W N 00 S
GRANT COUNTY
HOWARD COUNTY
Greentown
Swayzee
Aerial Map
Eastern Indiana Grid Reliability Project
Grant, Howard County, IN



- Existing Substation
- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
  **Shown at 180-feet but subject to change*
- Existing Transmission Line
- Pipeline
- Water Well
- Oil/Gas Well
- Communication Tower
- Cemetery
- Stream
- Wetland
- Building
- Parcel Boundary

AEP TRANSMISSION
An AEP Company

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1 Inch = 500 Feet

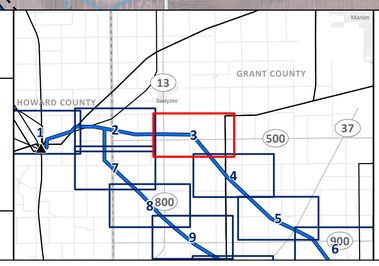
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Grant County, IN

PIPE CREEK SUBSTATION

AEP DEER CREEK - IWIKKHOY4138(KV)

S COUNTY ROAD 600 W

W COUNTY ROAD 600 S

S COUNTY ROAD 500 W

W COUNTY ROAD 700 S

S COUNTY ROAD 400 W

Dry Fork Ditch

Pipe Creek

3583 3270 1794 447 450 2848 3584 1772 1793 1792 1795 3997 454 1773 2683 2684 868 826 3996 1796 2712 2713 2714 2716 2715 2711 3624 1797 3623 2682 3438 1099 2199 452 3764 449 1100 456 3768 3765 1097 1101 214

02

- Existing Substation
- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
  *Shown at 180-feet but subject to change
- Existing Transmission Line
- Water Well
- Oil/Gas Well
- Communication Tower
- Stream
- Waterbody
- Wetland
- Building
- Parcel Boundary

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1 Inch = 500 Feet

when printed at 22x34

0 500 1,000 1,500

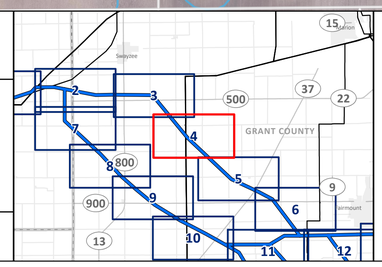
Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026

AEP TRANSMISSION

An AEP Company



Aerial Map

Eastern Indiana Grid Reliability Project

Grant County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Water Well

Oil/Gas Well

Communication Tower

Stream

Waterbody

Wetland

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

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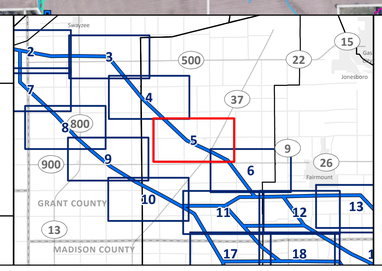
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

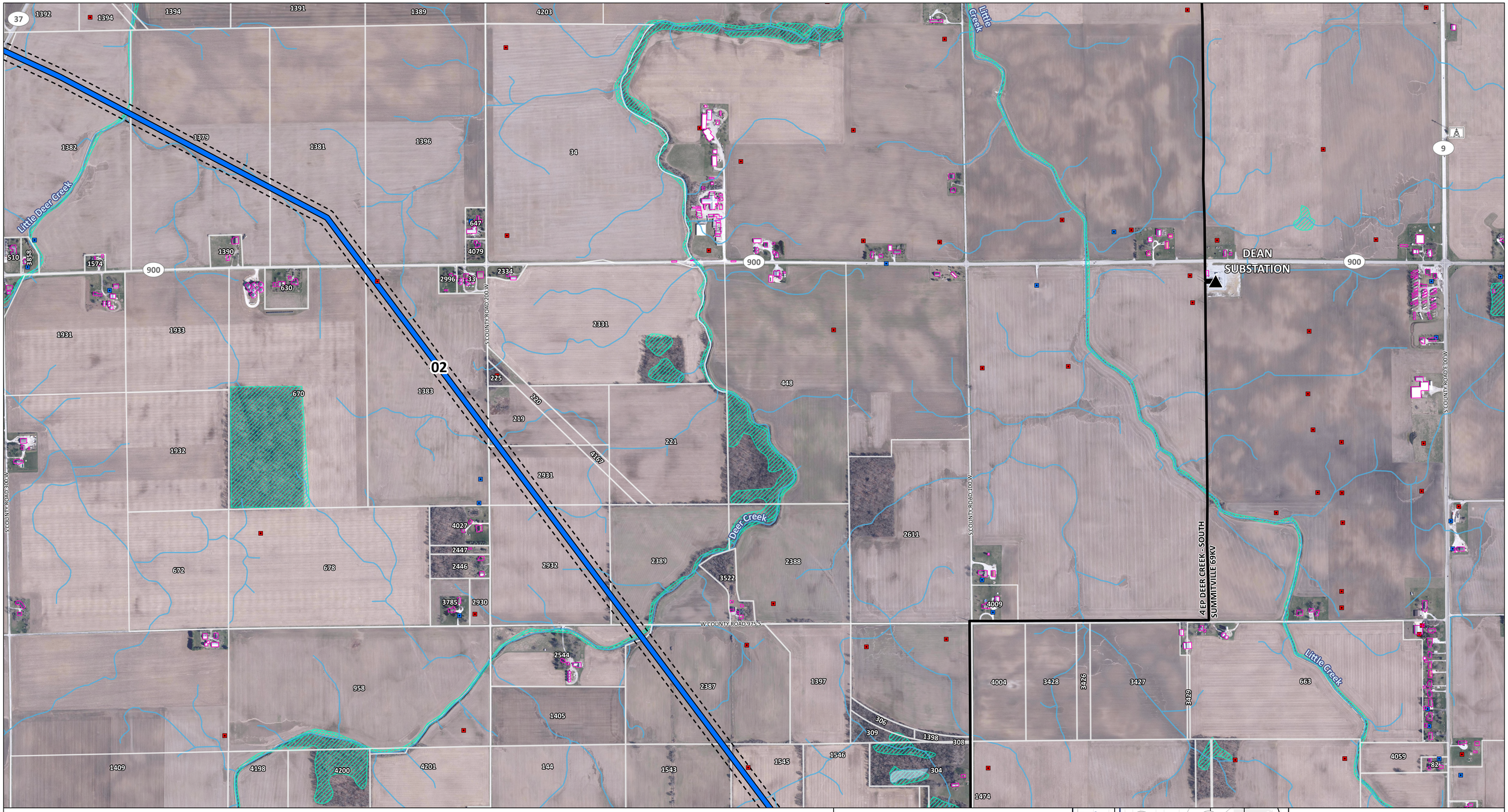
September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Grant County, IN



- Existing Substation
- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
  **Shown at 180-feet but subject to change*
- Existing Transmission Line
- Water Well
- Oil/Gas Well
- Communication Tower
- Stream
- Waterbody
- Wetland
- Building
- Parcel Boundary

AEP TRANSMISSION
An AEP Company

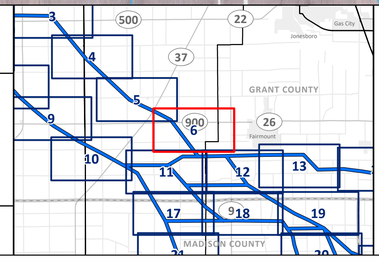
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0 500 1,000 1,500
Feet

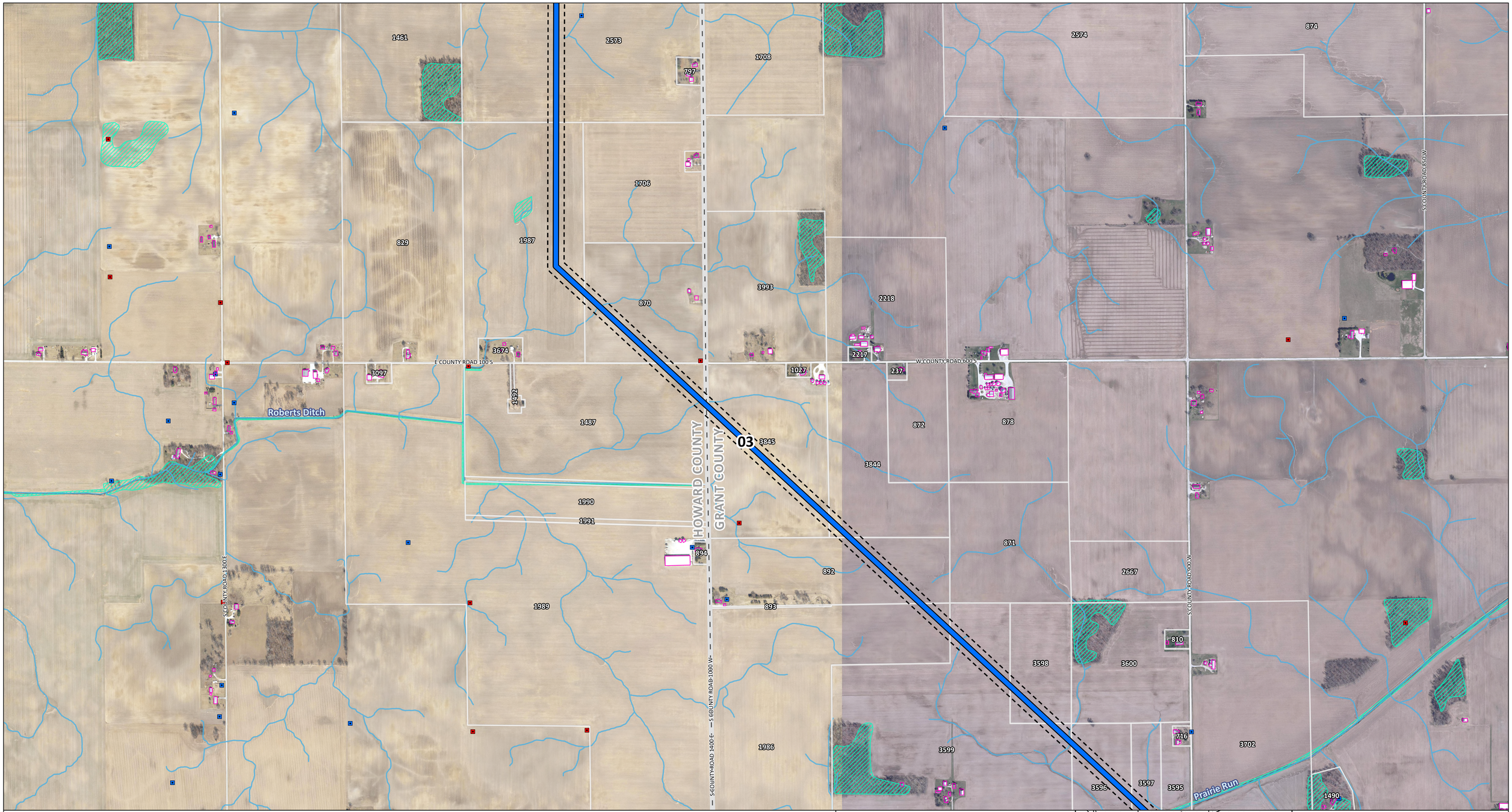
Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Grant County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

**Shown at 180-feet but subject to change*

Water Well

Oil/Gas Well

Stream

Wetland

County Boundary

Building

Parcel Boundary

Only one route will be chosen and built. Shown preliminary segments could change based on landowner input, engineering, ground surveys and studies.

1 Inch = 500 Feet

when printed at 22x34

0 500 1,000 1,500

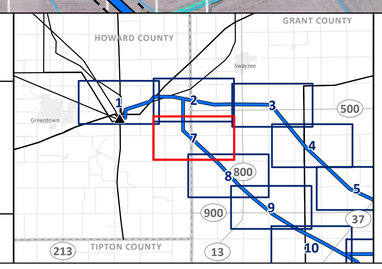
Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026

AEP TRANSMISSION

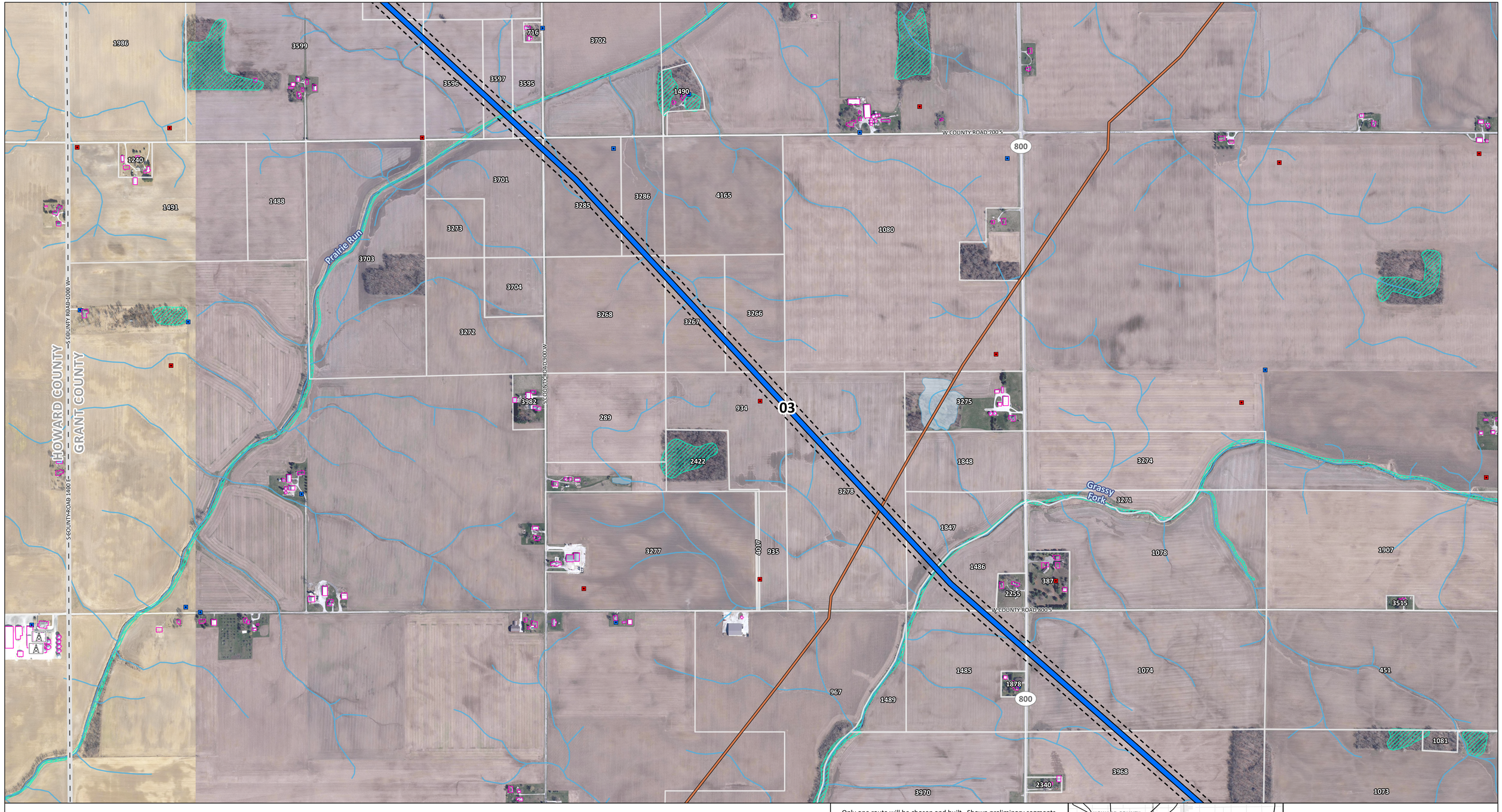
An AEP Company



Aerial Map

Eastern Indiana Grid Reliability Project

Grant, Howard County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Pipeline

Water Well

Oil/Gas Well

Communication Tower

Stream

Waterbody

Wetland

County Boundary

Building

Parcel Boundary

AEP TRANSMISSION
An AEP Company

Only one route will be chosen and built. Shown preliminary segments could change based on landowner input, engineering, ground surveys and studies.

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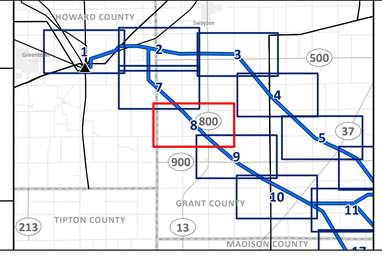
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Grant, Howard County, IN



- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
  **Shown at 180-feet but subject to change*
- Existing Transmission Line
- Pipeline
- Water Well
- Oil/Gas Well
- Communication Tower
- Cemetery
- Stream
- Waterbody
- Wetland
- Building
- Parcel Boundary

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1 Inch = 500 Feet

when printed at 22x34

0 500 1,000 1,500

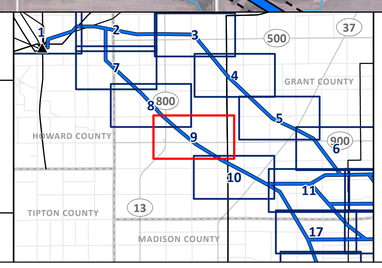
Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026

AEP TRANSMISSION

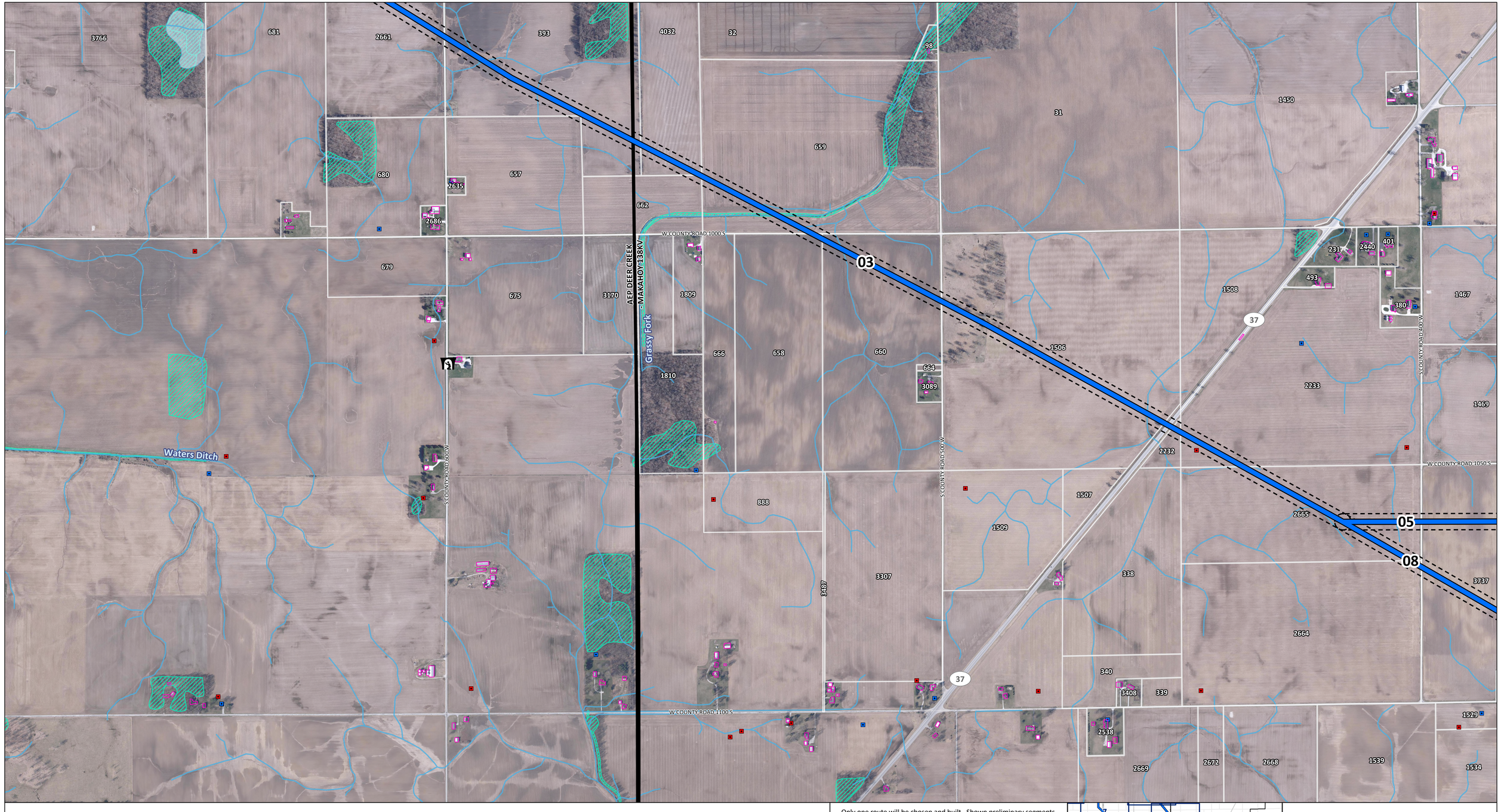
An AEP Company



Aerial Map

Eastern Indiana Grid Reliability Project

Grant County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Existing Transmission Line

Water Well

Oil/Gas Well

Place of Worship

Stream

Waterbody

Wetland

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

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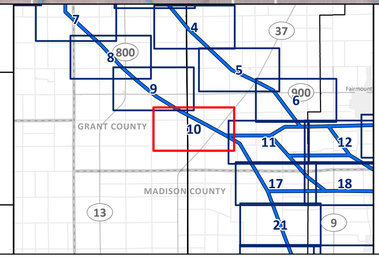
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Grant County, IN

Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way
*Shown at 180-feet but subject to change

Existing Transmission Line

Water Well

Oil/Gas Well

Communication Tower

Cemetery

Stream

Waterbody

Wetland

Building

Parcel Boundary

Only one route will be chosen and built. Shown preliminary segments could change based on landowner input, engineering, ground surveys and studies.

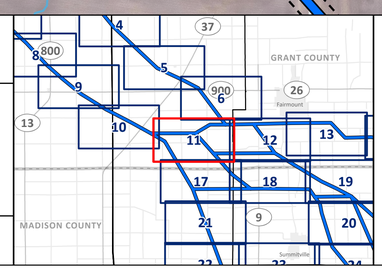
1 Inch = 500 Feet
when printed at 22x34

0 500 1,000 1,500
Feet

Imagery Source: Indiana Imagery Program (2022)

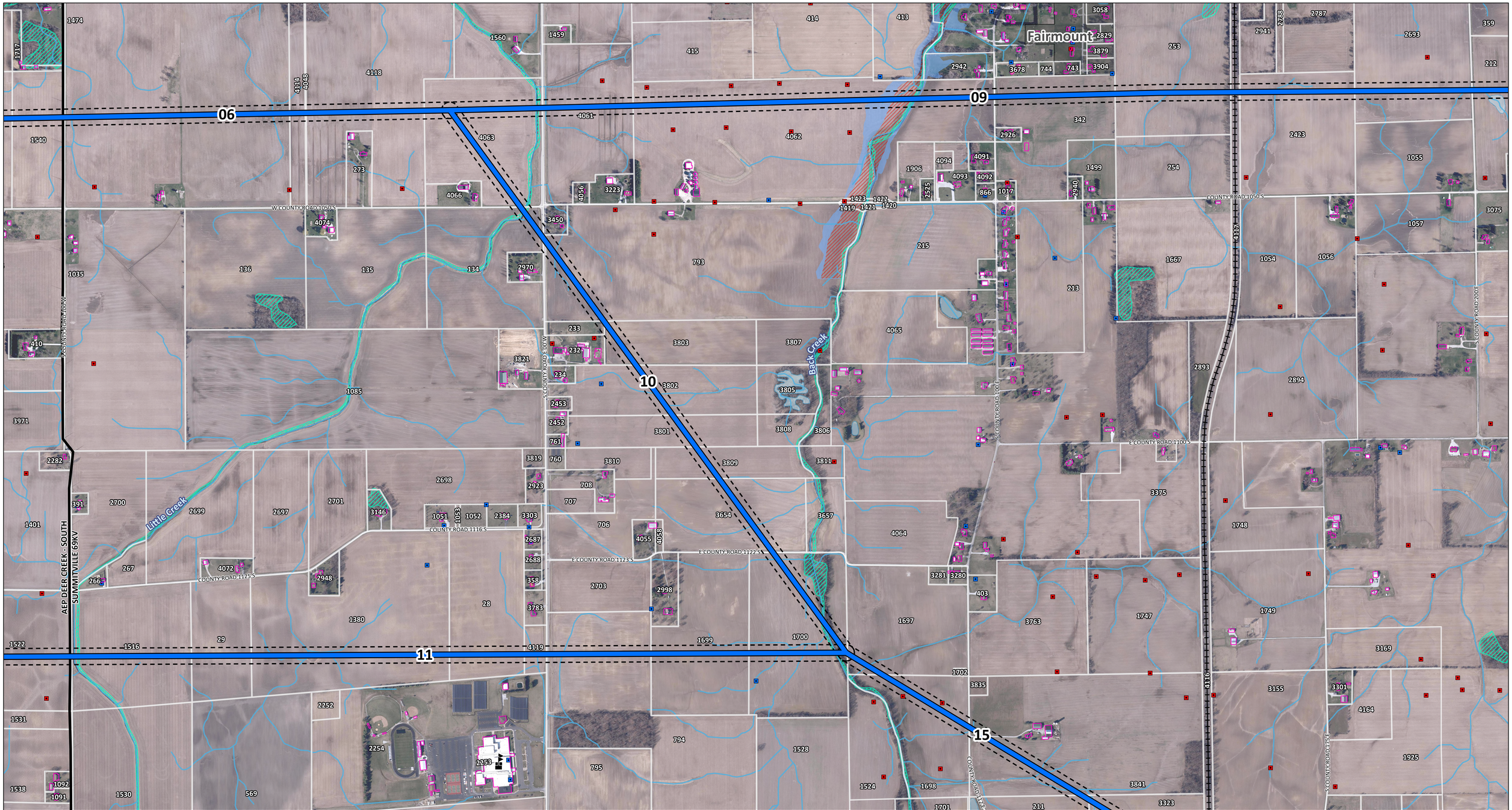
September 30, 2026

AEP TRANSMISSION
An AEP Company



Aerial Map

Eastern Indiana Grid Reliability Project
Grant County, IN



- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
  *Shown at 180-feet but subject to change
- Existing Transmission Line
- Railroad
- Water Well
- Oil/Gas Well
- School
- Stream
- Waterbody
- FEMA Floodway
- FEMA 100-Year Flood Zone
- Wetland
- City Boundary
- Building
- Parcel Boundary

AEP TRANSMISSION
An AEP Company

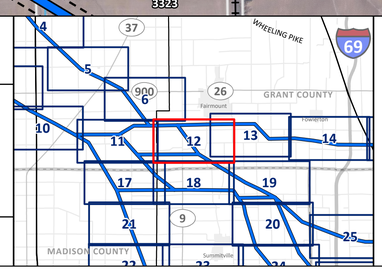
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1 Inch = 500 Feet
when printed at 22x34

0 500 1,000 1,500
Feet

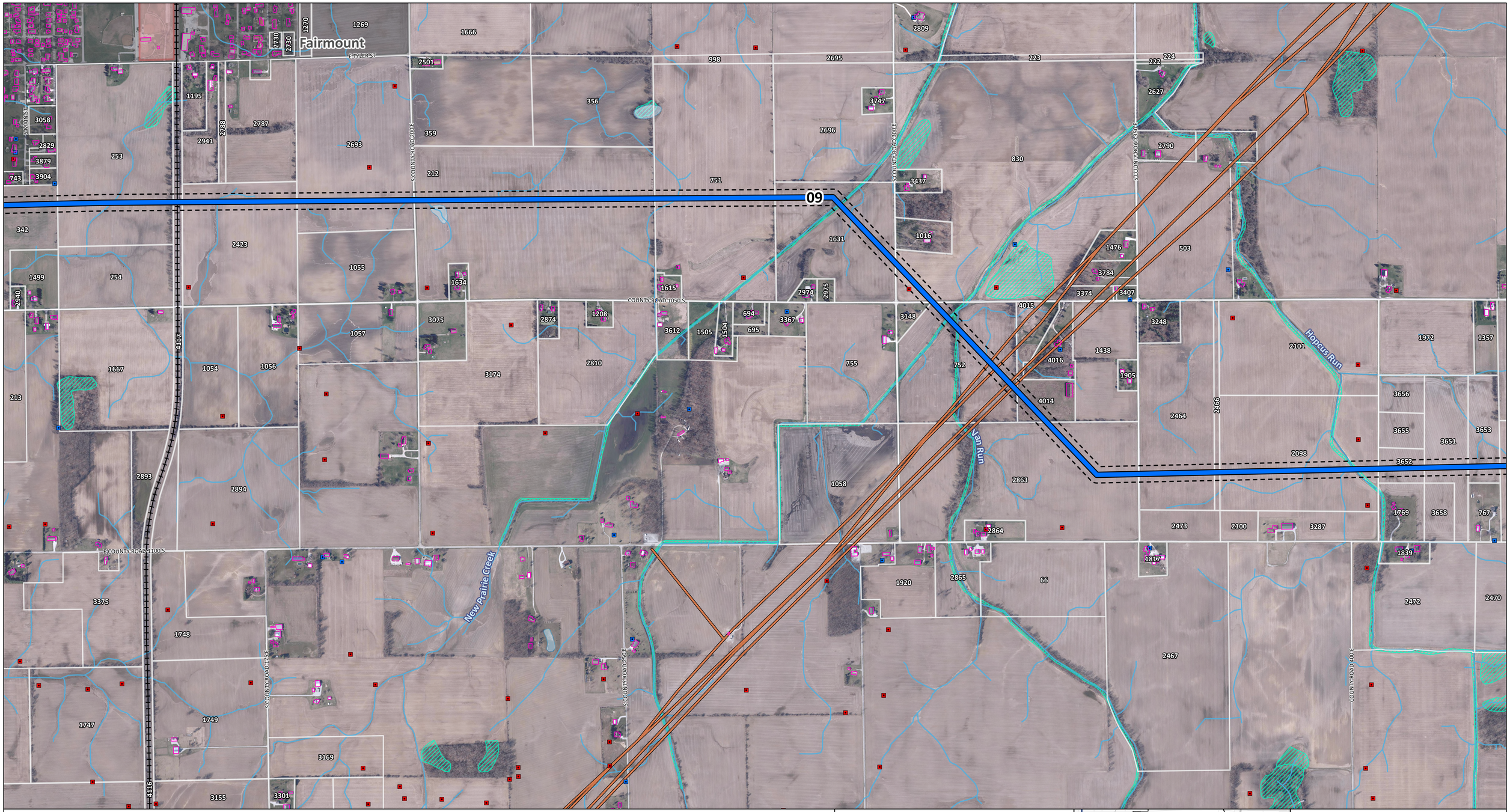
Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Grant County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Pipeline

Railroad

Water Well

Oil/Gas Well

Stream

Waterbody

Wetland

City Boundary

Building

Parcel Boundary

Protected Land (PADUS)

AEP TRANSMISSION

An AEP Company

Only one route will be chosen and built. Shown preliminary segments could change based on landowner input, engineering, ground surveys and studies.

1 Inch = 500 Feet

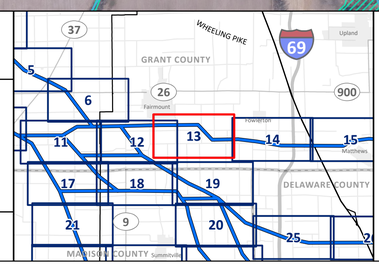
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

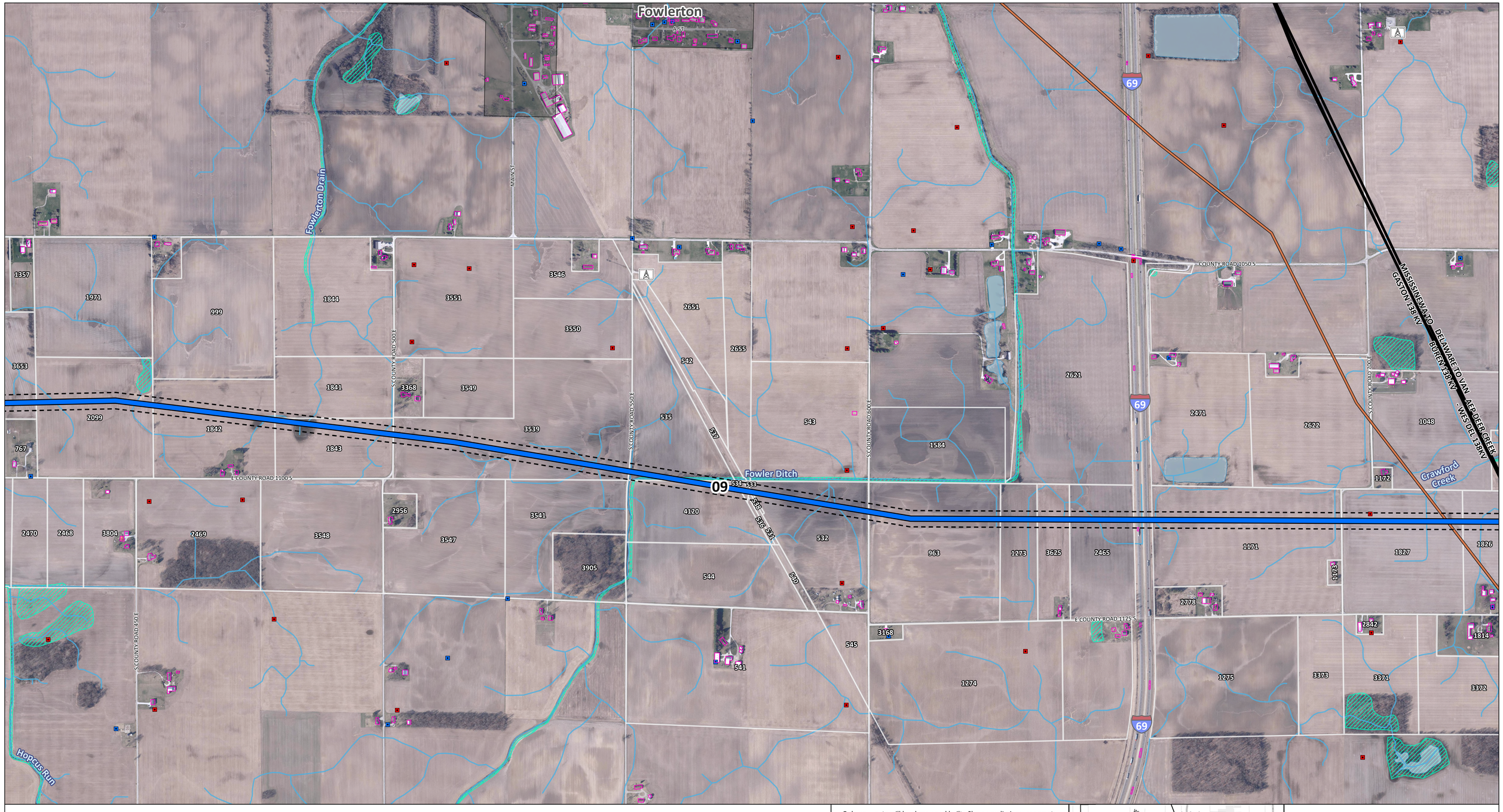
September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Grant County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way
*Shown at 180-feet but subject to change

Existing Transmission Line

Pipeline

Water Well

Oil/Gas Well

Communication Tower

Stream

Waterbody

Wetland

City Boundary

Building

Parcel Boundary

AEP TRANSMISSION
An AEP Company

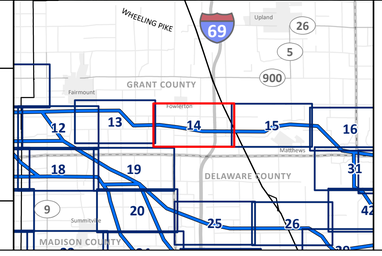
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1 Inch = 500 Feet
when printed at 22x34

0 500 1,000 1,500
Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Grant County, IN



- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
  *Shown at 180-feet but subject to change
- Existing Transmission Line
- Pipeline
- Water Well
- Oil/Gas Well
- Communication Tower
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- Stream
- Waterbody
- FEMA 100-Year Flood Zone
- Wetland
- City Boundary
- Building
- Parcel Boundary

AEP TRANSMISSION
An AEP Company

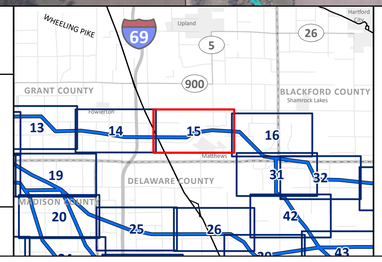
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0 500 1,000 1,500
Feet

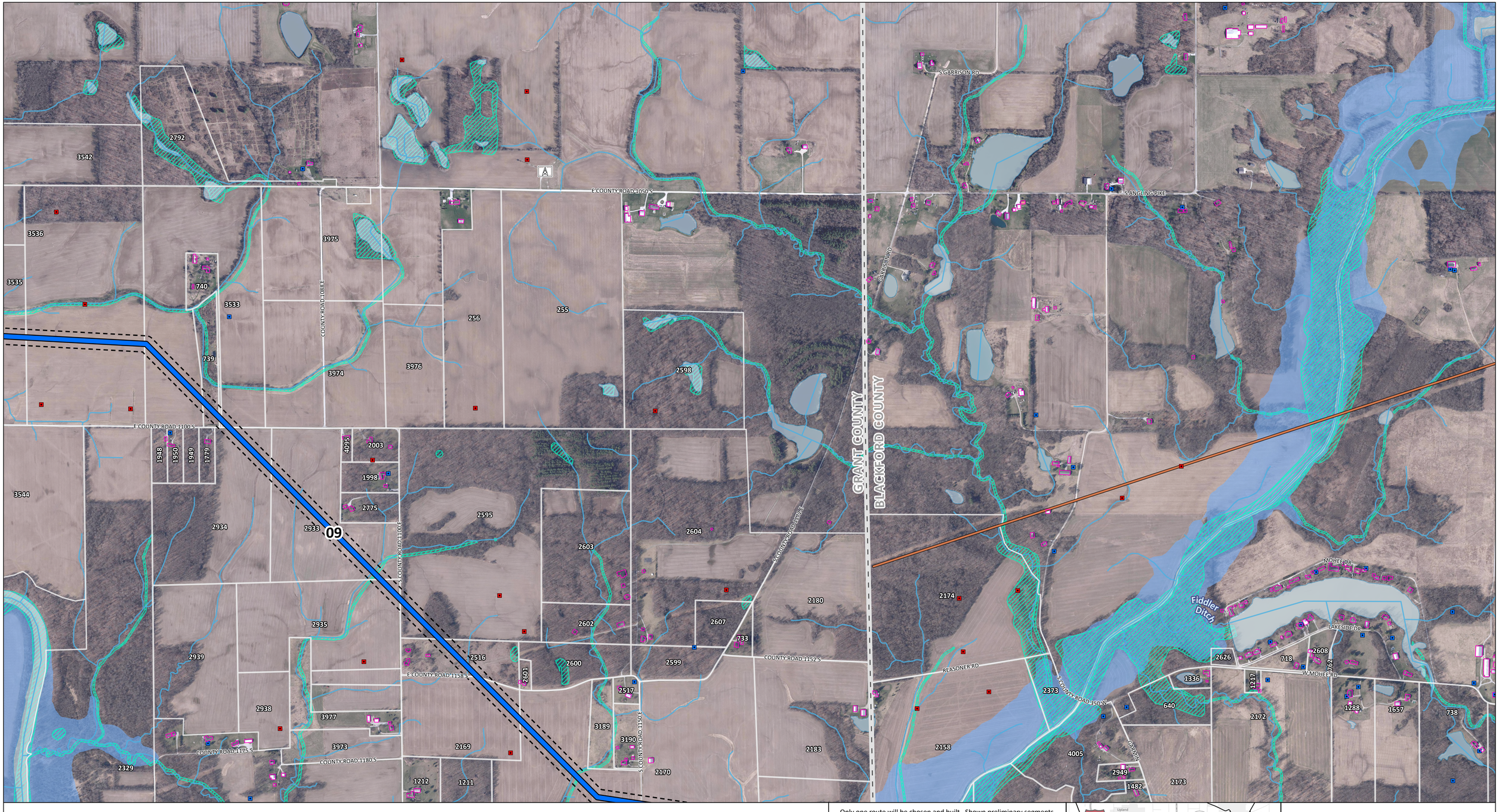
Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Grant County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Pipeline

Water Well

Oil/Gas Well

Communication Tower

Stream

Waterbody

FEMA 100-Year Flood Zone

Wetland

County Boundary

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

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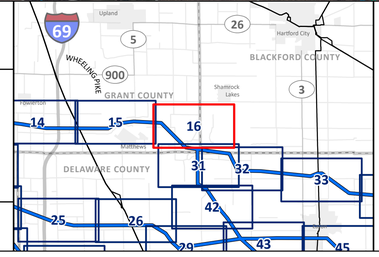
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

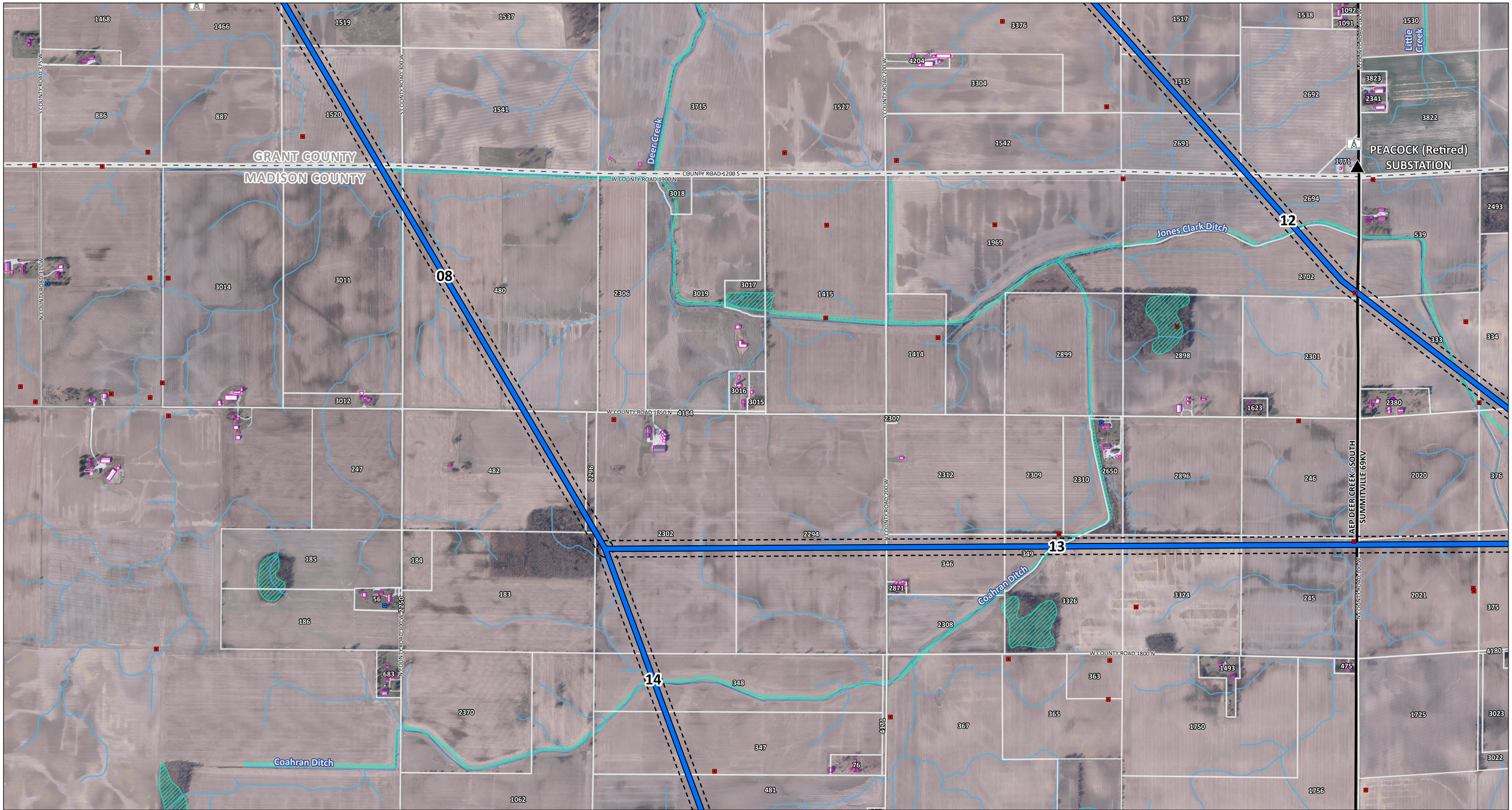
September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Blackford, Grant County, IN



- Existing Substation
- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
  *Shown at 180-feet but subject to change
- Existing Transmission Line
- Water Well
- Oil/Gas Well
- Communication Tower
- NRHP and Eligable Structure
- Stream
- Wetland
- County Boundary
- Building
- Parcel Boundary

AEP TRANSMISSION
An AEP Company

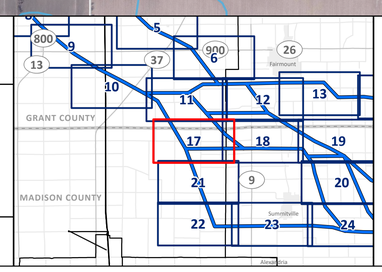
Only one route will be chosen and built. Shown preliminary segments could change based on landowner input, engineering, ground surveys and studies.

1 Inch = 500 Feet
when printed at 22x34

0 500 1,000 1,500
Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Grant, Madison County, IN

GRANT COUNTY
MADISON COUNTY
PEACOCK (Retired) SUBSTATION
Little Creek
Jones Clark Ditch
Back Creek
Mud Creek
AEP DEER CREEK - SOUTH SUMMITVILLE 69KV
W COUNTY ROAD 1900 N
E COUNTY ROAD 1200 S
E COUNTY ROAD 1900 N
W COUNTY ROAD 1850 N
E COUNTY ROAD 1800 N
S COUNTY ROAD 600 W
N COUNTY ROAD 400 W
S COUNTY ROAD 175 E
N COUNTY ROAD 175 E
N COUNTY ROAD 150 E
N COUNTY ROAD 100 E
12
13
15
16
9

- Existing Substation
- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
  *Shown at 180-feet but subject to change
- Existing Transmission Line
- Pipeline
- Railroad
- Water Well
- Oil/Gas Well
- Communication Tower
- NRHP and Eligable Structure
- Stream
- Waterbody
- FEMA 100-Year Flood Zone
- Wetland
- County Boundary
- Building
- Parcel Boundary

AEP TRANSMISSION
An AEP Company

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Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026

Aerial Map

Eastern Indiana Grid Reliability Project
Grant, Madison County, IN

GRANT COUNTY
MADISON COUNTY
E COUNTY ROAD 1900 N
E COUNTY ROAD 1200 S
E COUNTY ROAD 1800 N
S COUNTY ROAD 250 E
S COUNTY ROAD 300 E
COUNTY ROAD 400 E
S COUNTY ROAD 450 E
S COUNTY ROAD 500 E
N COUNTY ROAD 250 E
N COUNTY ROAD 300 E
N COUNTY ROAD 350 E
N COUNTY ROAD 400 E
N COUNTY ROAD 450 E
N COUNTY ROAD 500 E – N COUNTY ROAD 1000 W
N COUNTY ROAD 200 E
Van Run
Hoppes Run
Fowler Ditch
Mud Creek
15
16
17
18
19
20
1329
4162
1622
4057
2885
3196
561
1718
2676
3333
996
589
971
2540
554
552
560
969
579
2850
577
578
3641
1923
1922
550
1724
1721
1723
4076
1722
556
1755
65
1049
2492
2246
57
590
4195
2243
1941
1272
1741
1719
1720
1754
1757
1743
1742
1853
1811
693
982
981
1746
1744
133
2274
1857
1854
1752

Greentown – Thistlewood (IN) Study Segment
Greentown – Thistlewood (IN) Right-of-Way
*Shown at 180-feet but subject to change
Pipeline
Water Well
Oil/Gas Well
Communication Tower
Stream
Waterbody
FEMA 100-Year Flood Zone
Wetland
County Boundary
Building
Parcel Boundary

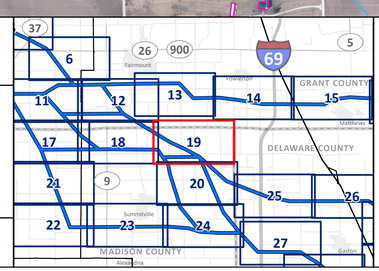
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An AEP Company

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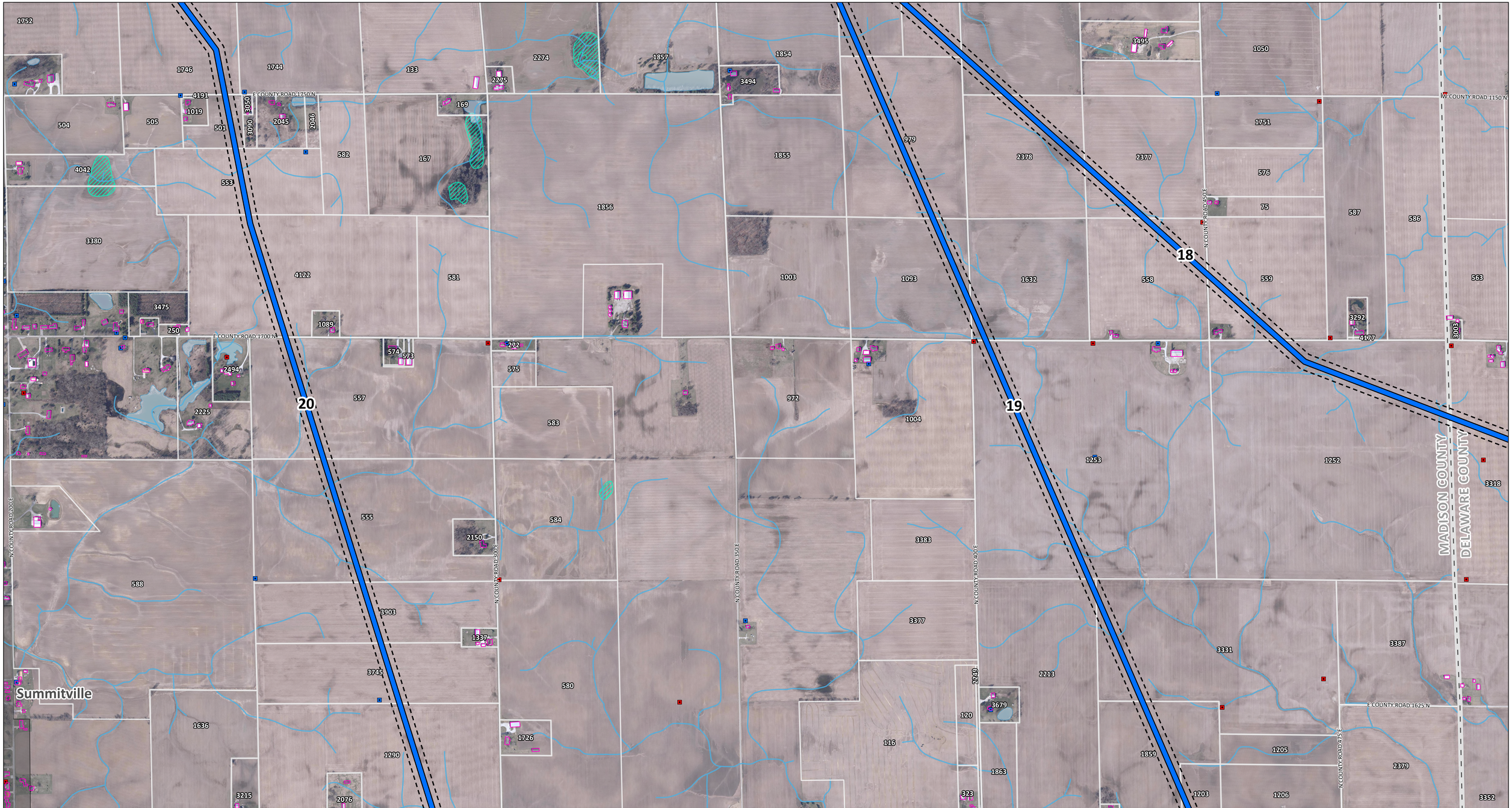
Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana
Grid Reliability Project
Delaware, Grant, Madison County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Water Well

Oil/Gas Well

Stream

Waterbody

Wetland

County Boundary

City Boundary

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

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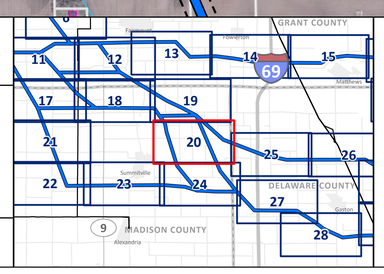
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Delaware, Madison County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way
**Shown at 180-feet but subject to change*

Existing Transmission Line

Water Well

Oil/Gas Well

Stream

Waterbody

FEMA 100-Year Flood Zone

Wetland

Building

Parcel Boundary

AEP TRANSMISSION
An AEP Company

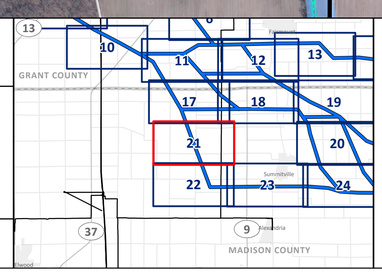
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Feet

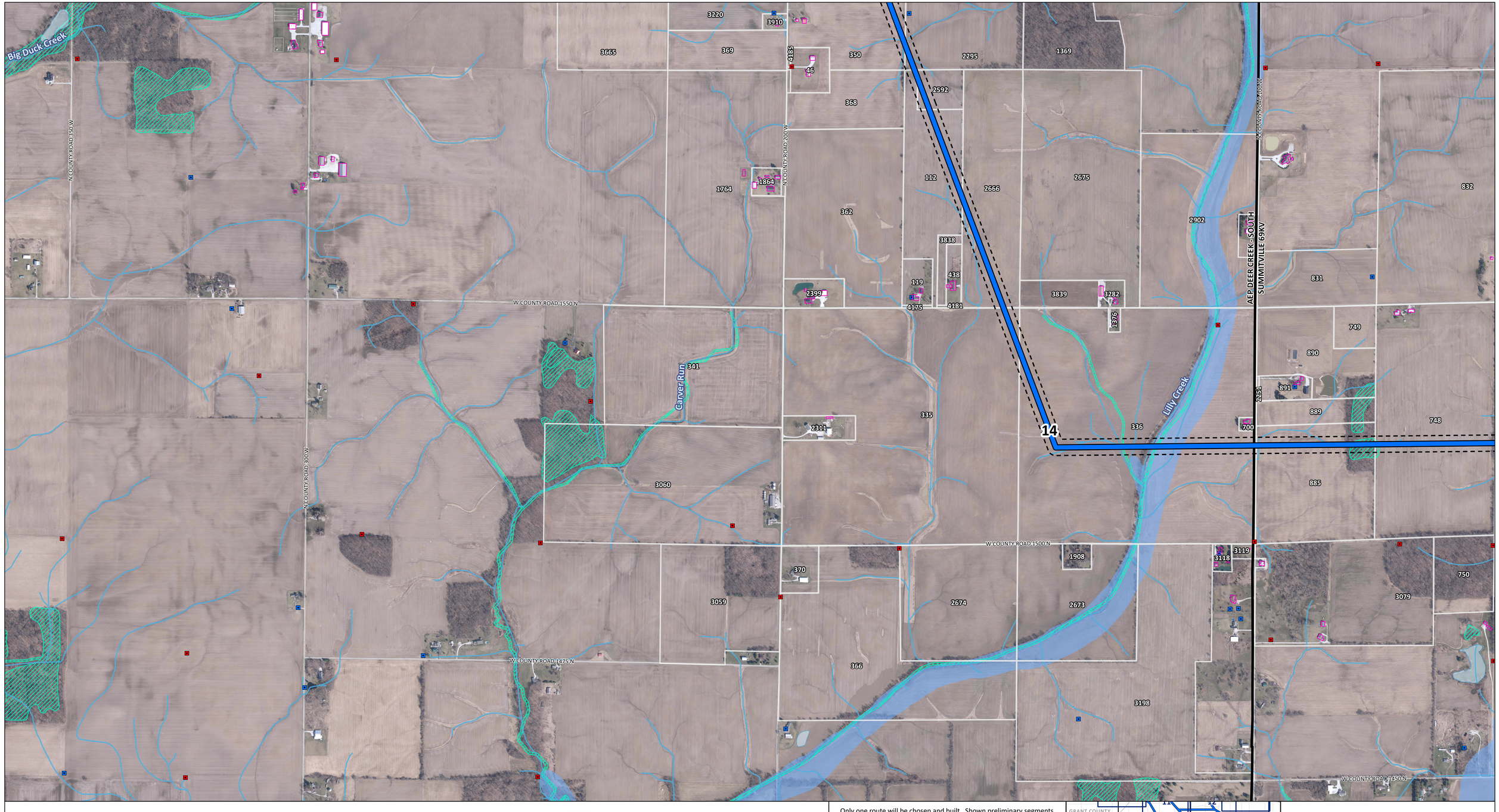
Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Madison County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way
*Shown at 180-feet but subject to change

Existing Transmission Line

Water Well

Oil/Gas Well

Stream

Waterbody

FEMA 100-Year Flood Zone

Wetland

Building

Parcel Boundary

AEP TRANSMISSION
An AEP Company

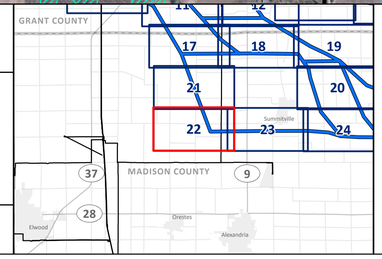
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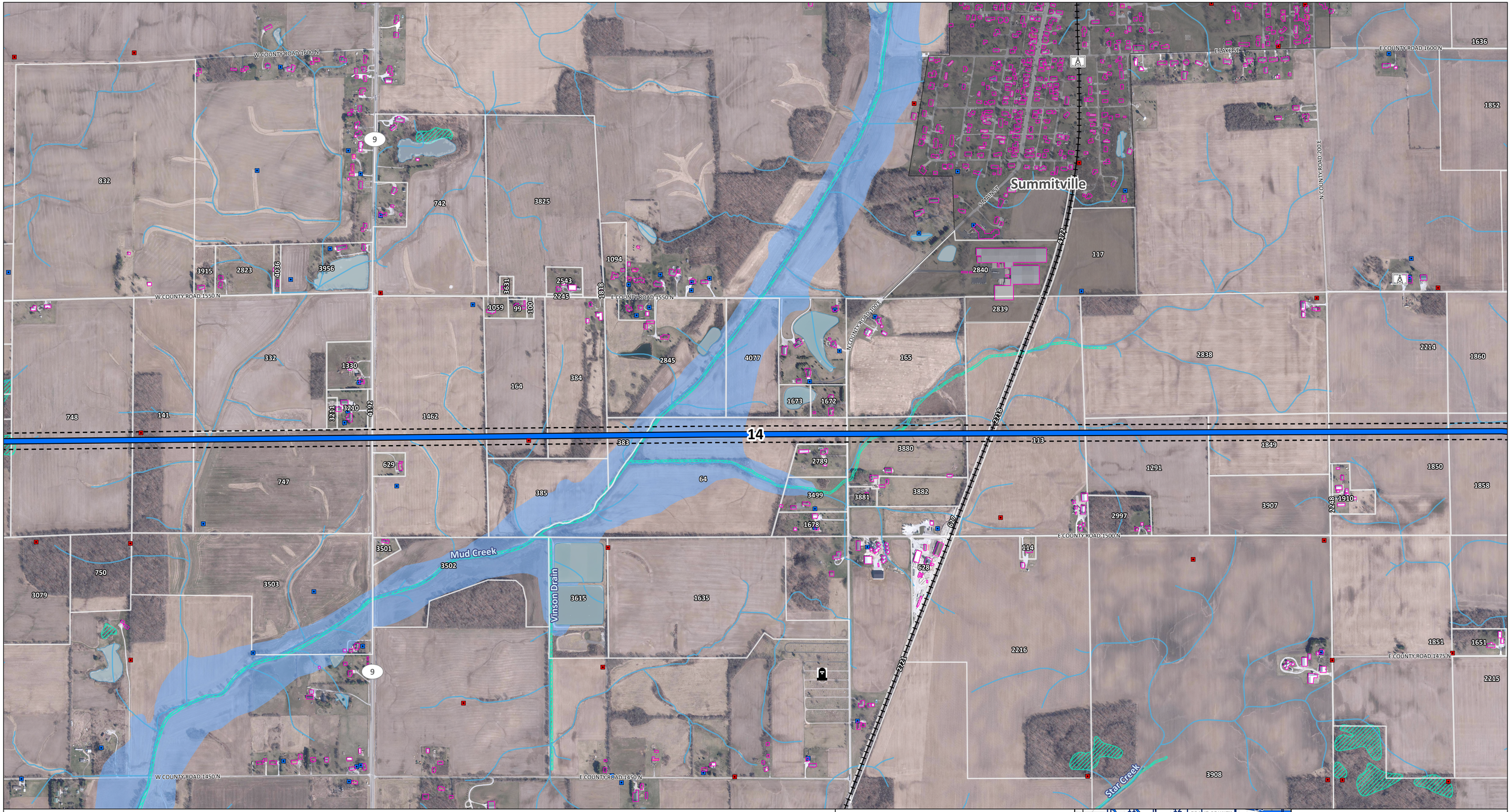
Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Madison County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way
*Shown at 180-feet but subject to change

Railroad

Water Well

Oil/Gas Well

Communication Tower

Place of Worship

Cemetery

Stream

Waterbody

FEMA 100-Year Flood Zone

Wetland

City Boundary

Building

Parcel Boundary

AEP TRANSMISSION
An AEP Company

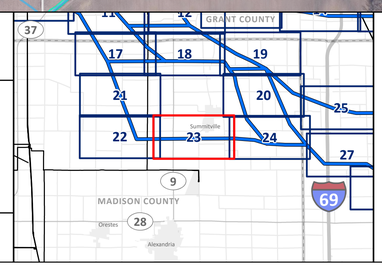
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Feet

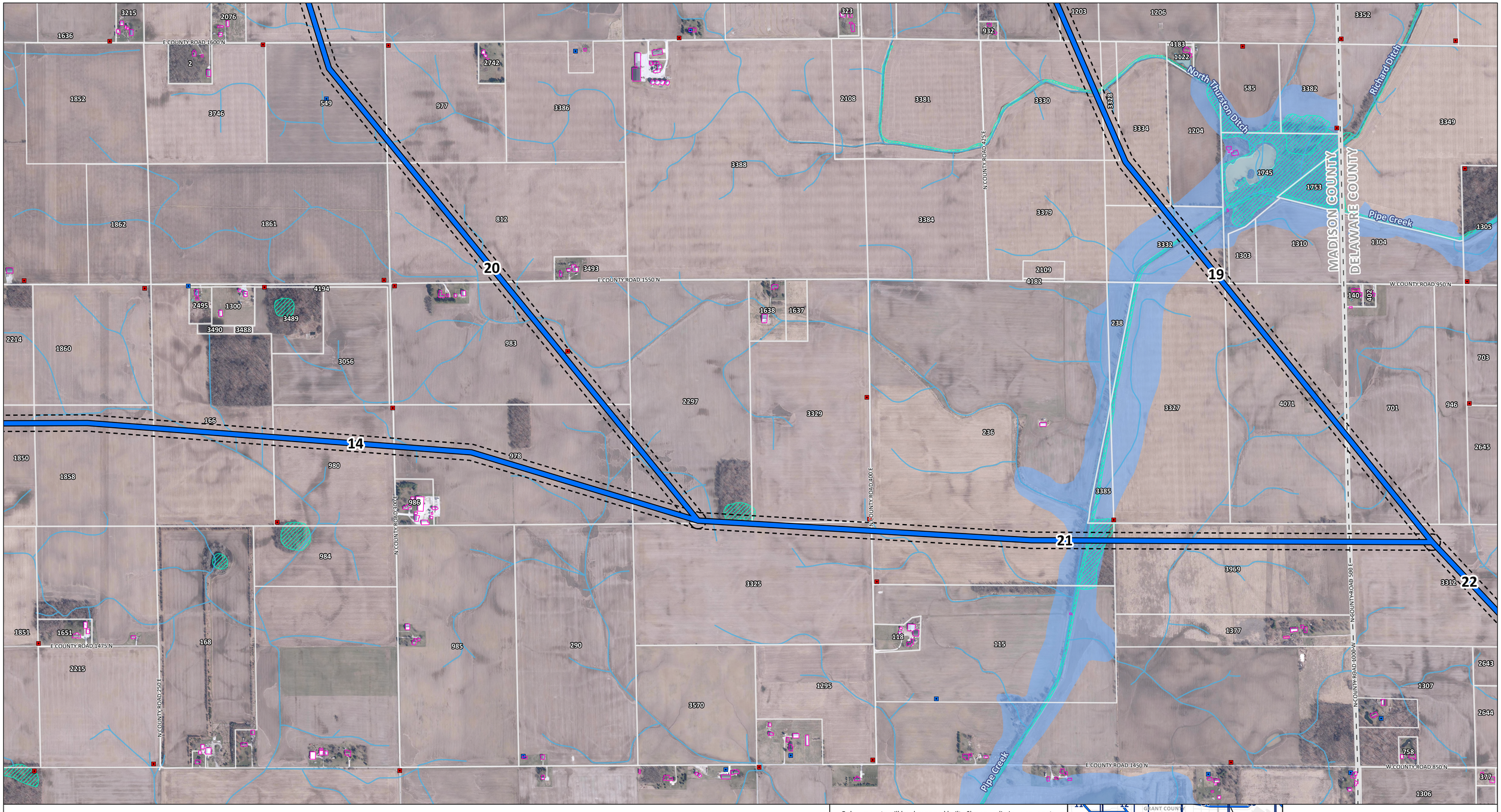
Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Madison County, IN



- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
  **Shown at 180-feet but subject to change*
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- Oil/Gas Well
- Stream
- Waterbody
- FEMA 100-Year Flood Zone
- Wetland
- County Boundary
- Building
- Parcel Boundary

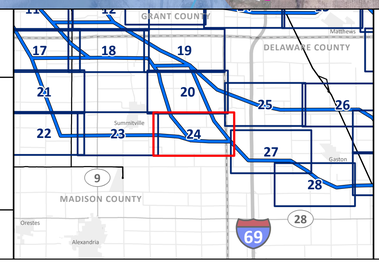
AEP TRANSMISSION
An AEP Company

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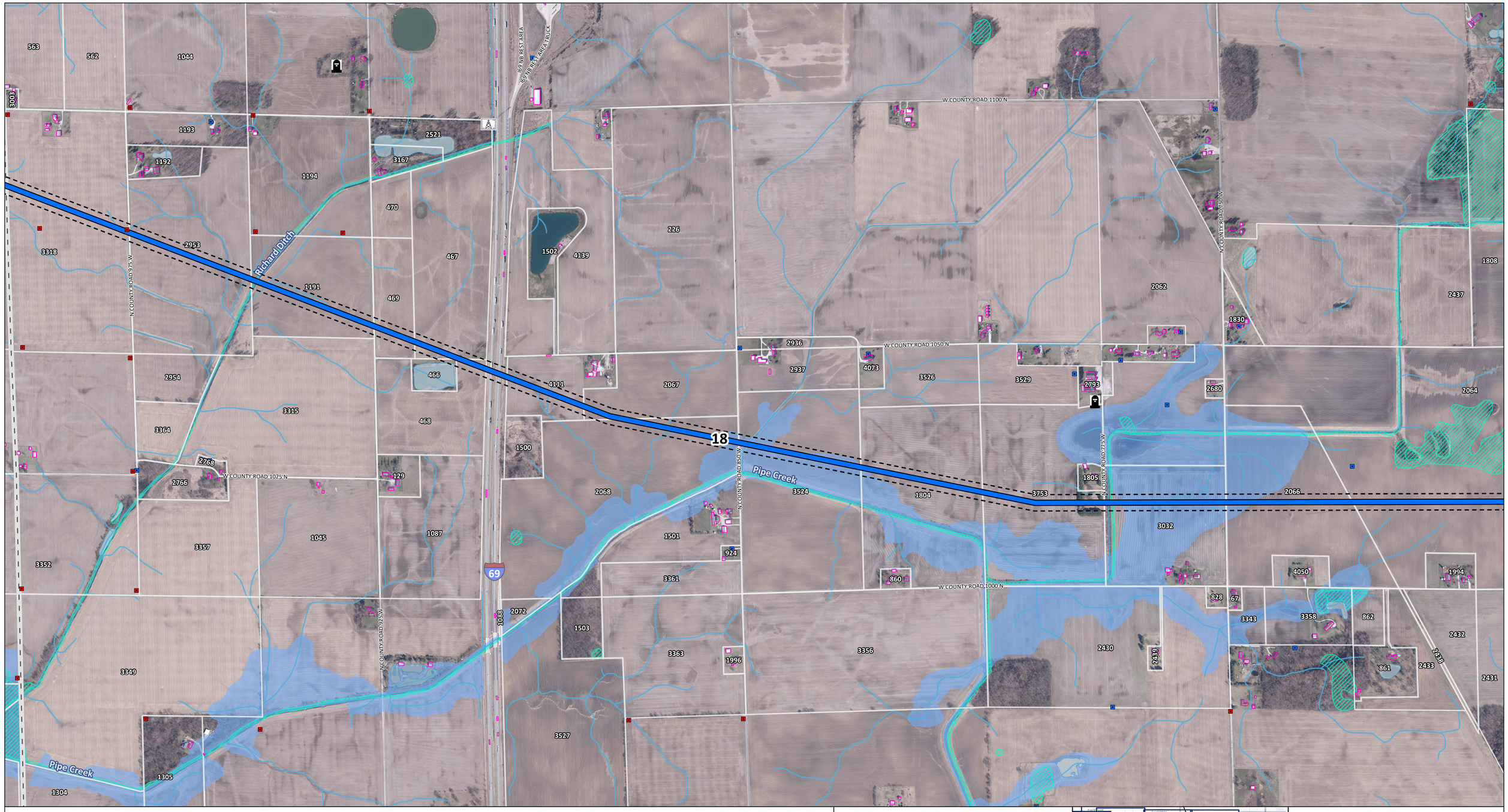
September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Delaware, Madison County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Water Well

Oil/Gas Well

Communication Tower

Cemetery

Stream

Waterbody

FEMA 100-Year Flood Zone

Wetland

County Boundary

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

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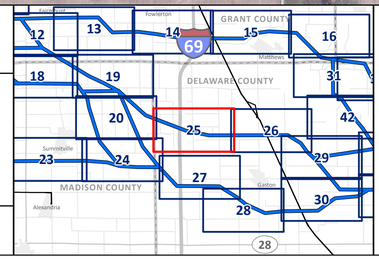
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Delaware, Madison County, IN

GASTON SUBSTATION

MISSISSINEWA TO GASTON 138 KV

AEP DEER CREEK - WES DEL 138KV

GASTON TO DESOTO 138KV

DELAWARE TO VAN BUREN 138 KV

N COUNTY ROAD 600 W

N COUNTY ROAD 675 W

Van Deventer Ditch

Hedgeland Ditch

Love Ditch

W COUNTY ROAD 1070 N

W COUNTY ROAD 1000 N

N WHEELING AVE

18

1807 1808 2437 2862 2966 2075 2356 2360 1806 2928 2064 3673 1327 2345 3672 2060 2074 2057 471 465 2964 2962 3195 4109 1066 1067 2963 3194 2961 1994 441 1202 2869 4151 2349 1694 1639 2432 1568 1571 1063 1335 2772 2771 2773 2769 2770 2272 2273 3201 2355 3750 2431 882 858 2362 2361 2358 2363 2271 1628 2073 2357 3749 1359 197 3748

- Existing Substation
- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
  *Shown at 180-feet but subject to change
- Existing Transmission Line
- Pipeline
- Water Well
- Oil/Gas Well
- Communication Tower
- Stream
- Waterbody
- Wetland
- Building
- Parcel Boundary

AEP TRANSMISSION
An AEP Company

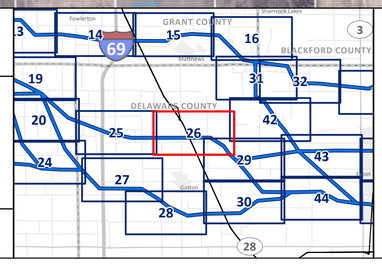
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Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Delaware County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Water Well

Oil/Gas Well

Cemetery

Stream

Waterbody

FEMA 100-Year Flood Zone

Wetland

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

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Feet

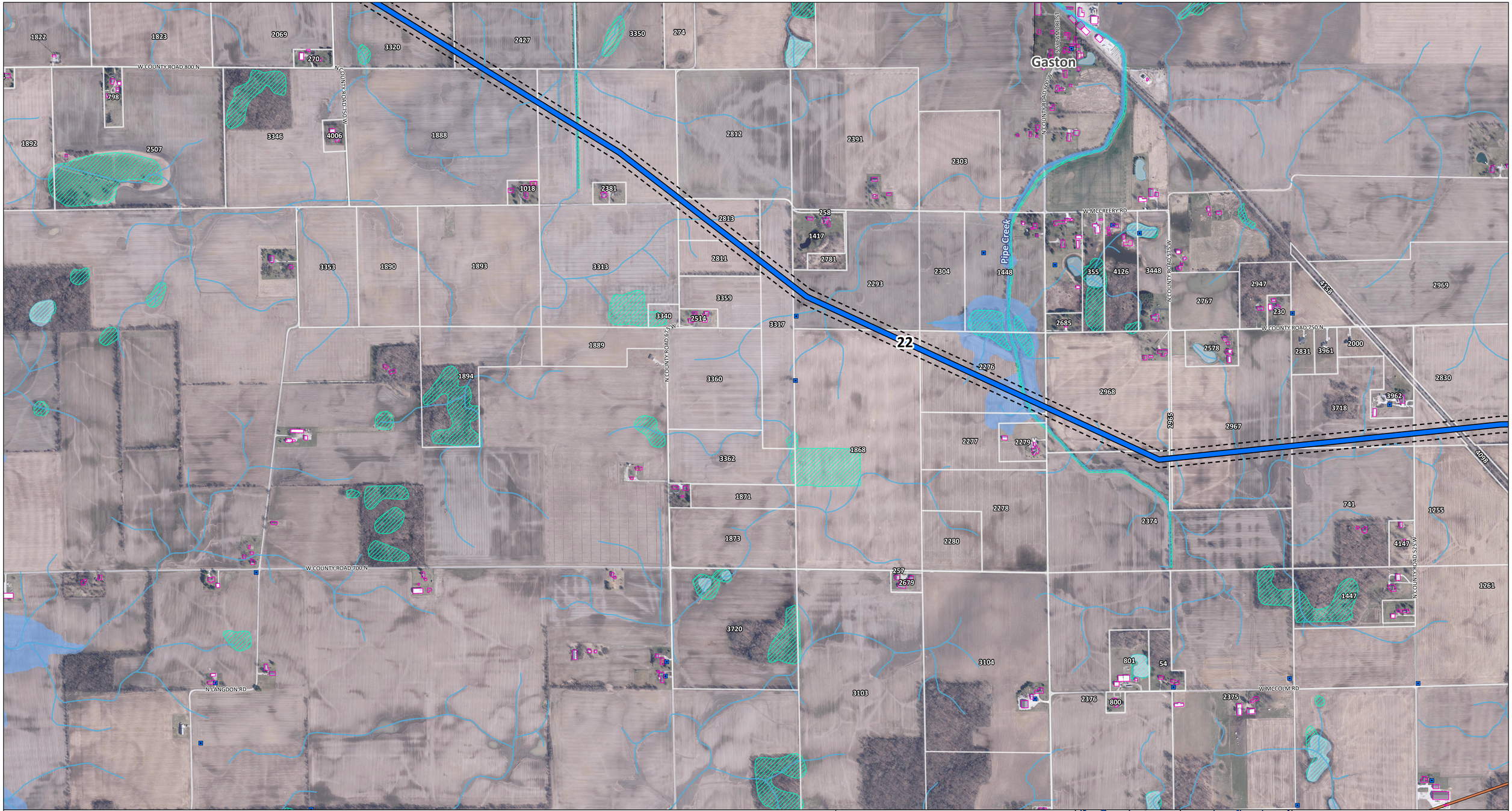
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September 30, 2026

Aerial Map

Eastern Indiana Grid Reliability Project

Delaware County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Pipeline

Water Well

Stream

Waterbody

FEMA 100-Year Flood Zone

Wetland

City Boundary

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

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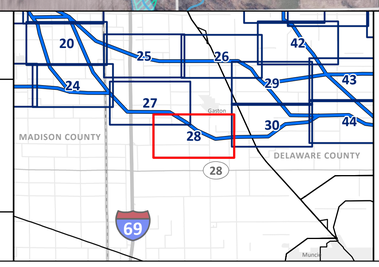
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0 500 1,000 1,500

Feet

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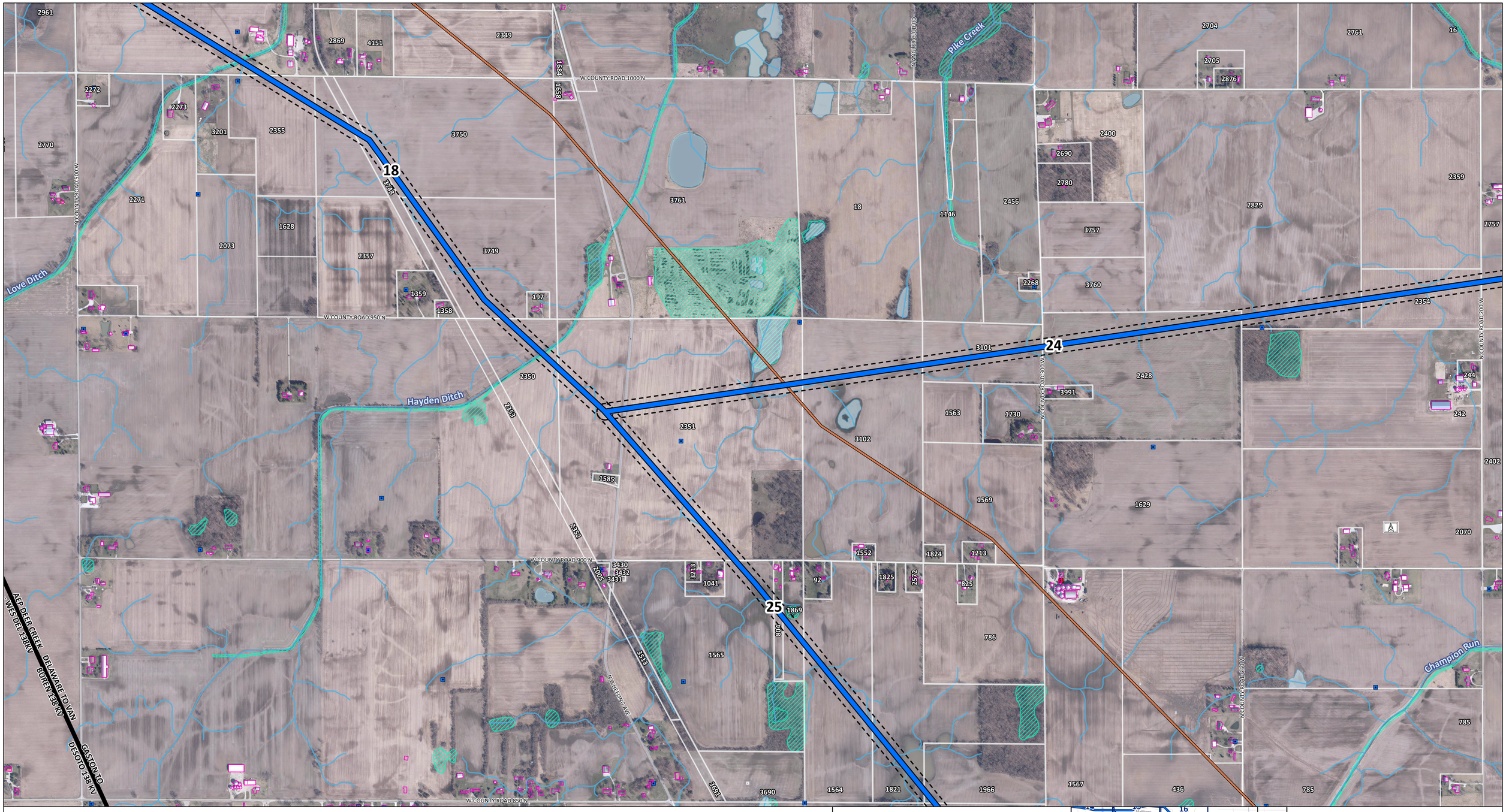
September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Delaware County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Existing Transmission Line

Pipeline

Water Well

Oil/Gas Well

Communication Tower

Stream

Waterbody

Wetland

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

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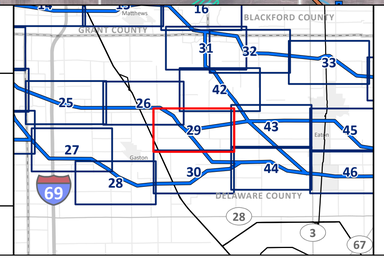
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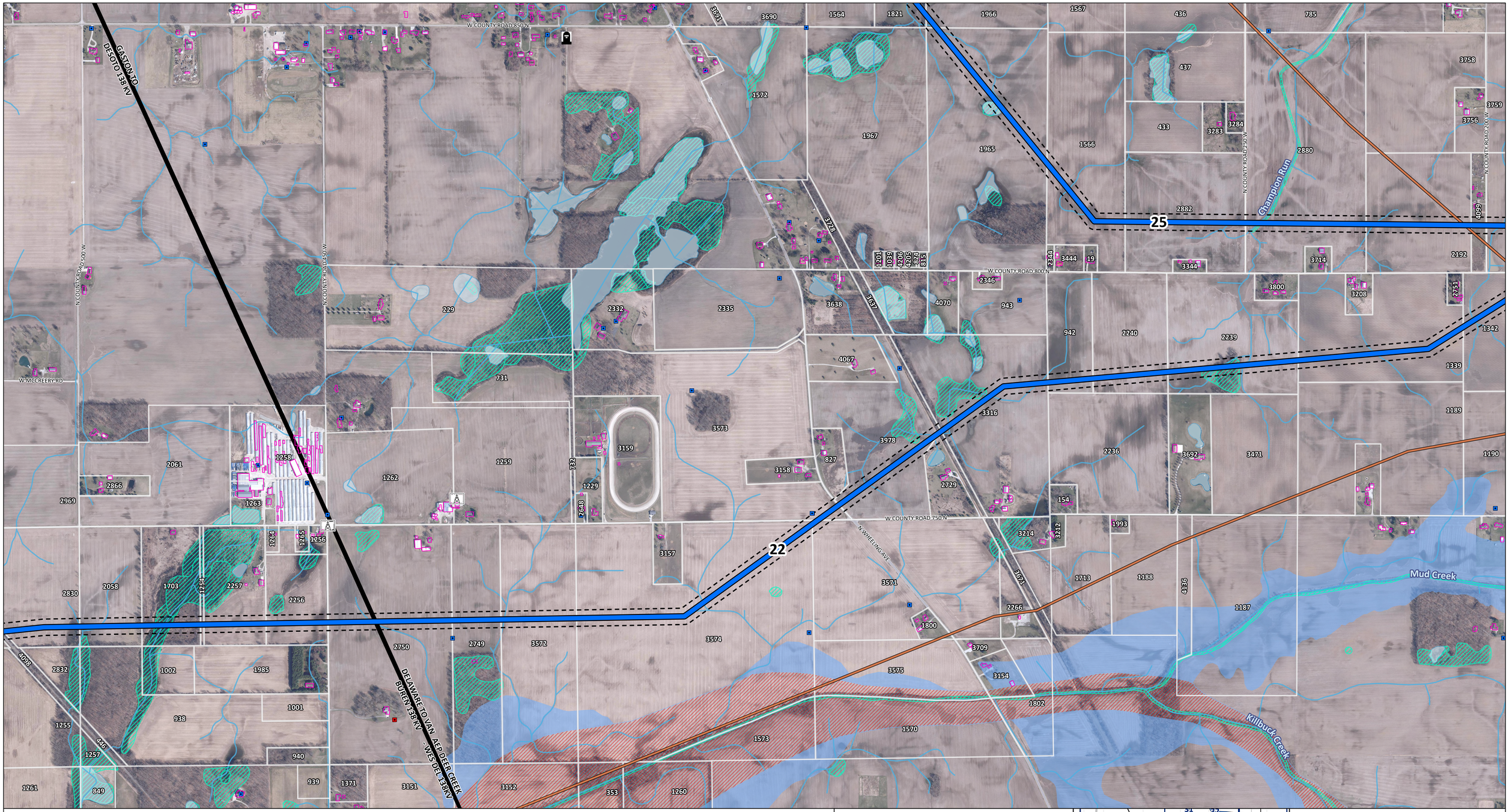
September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Delaware County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way
*Shown at 180-feet but subject to change

Existing Transmission Line

Pipeline

Water Well

Oil/Gas Well

Communication Tower

Cemetery

Stream

Waterbody

FEMA Floodway

FEMA 100-Year Flood Zone

Wetland

Building

Parcel Boundary

AEP TRANSMISSION
An AEP Company

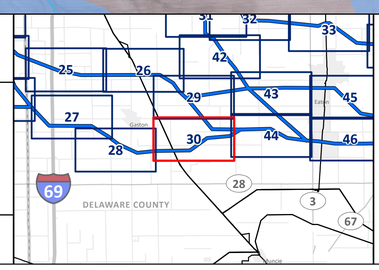
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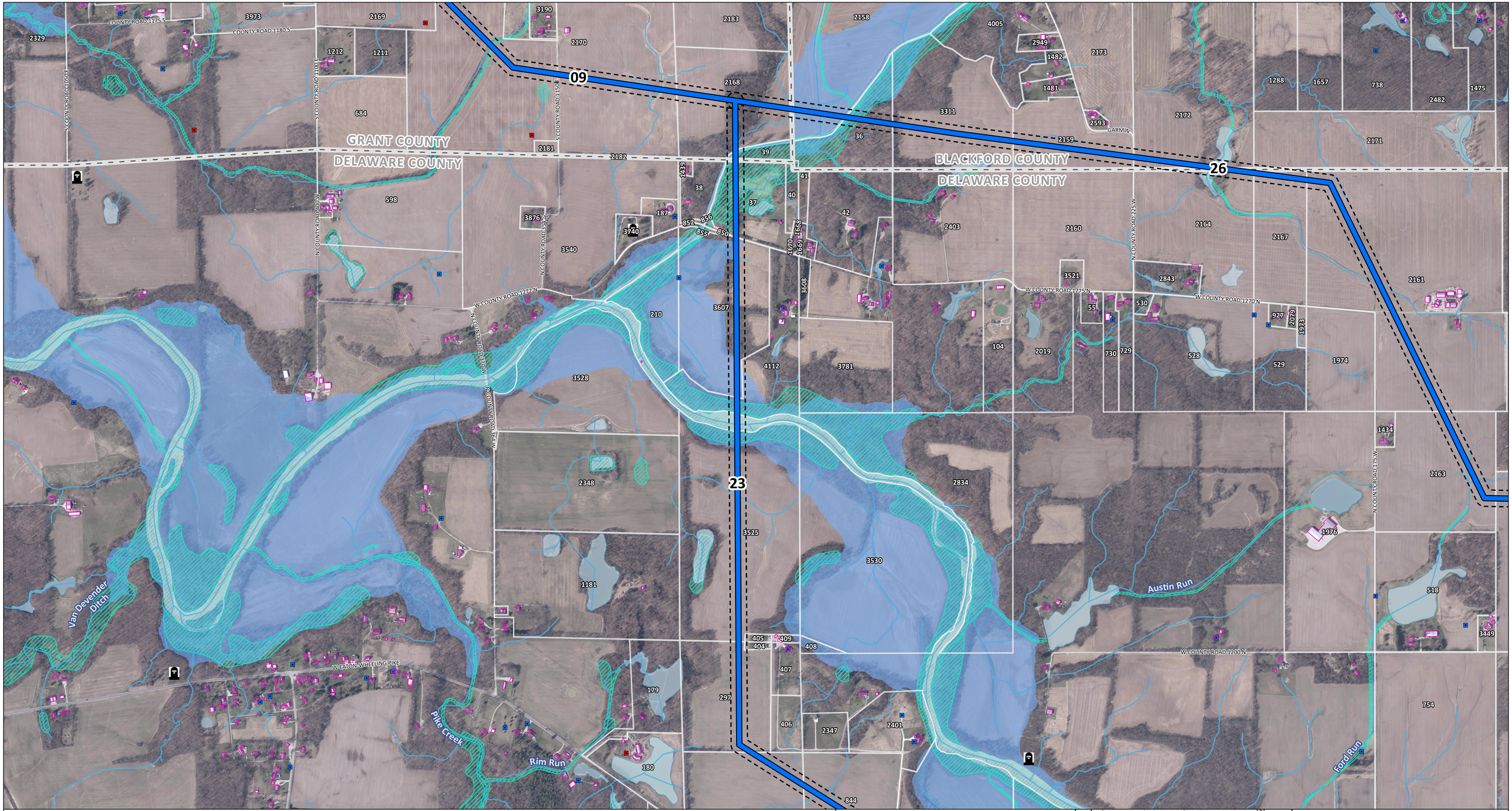
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September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Delaware County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

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Water Well

Oil/Gas Well

Cemetery

Stream

Waterbody

FEMA 100-Year Flood Zone

Wetland

County Boundary

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

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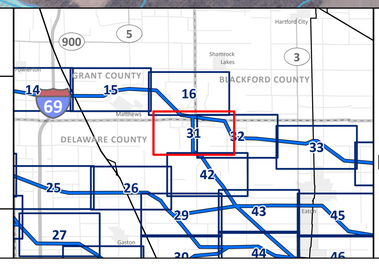
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Feet

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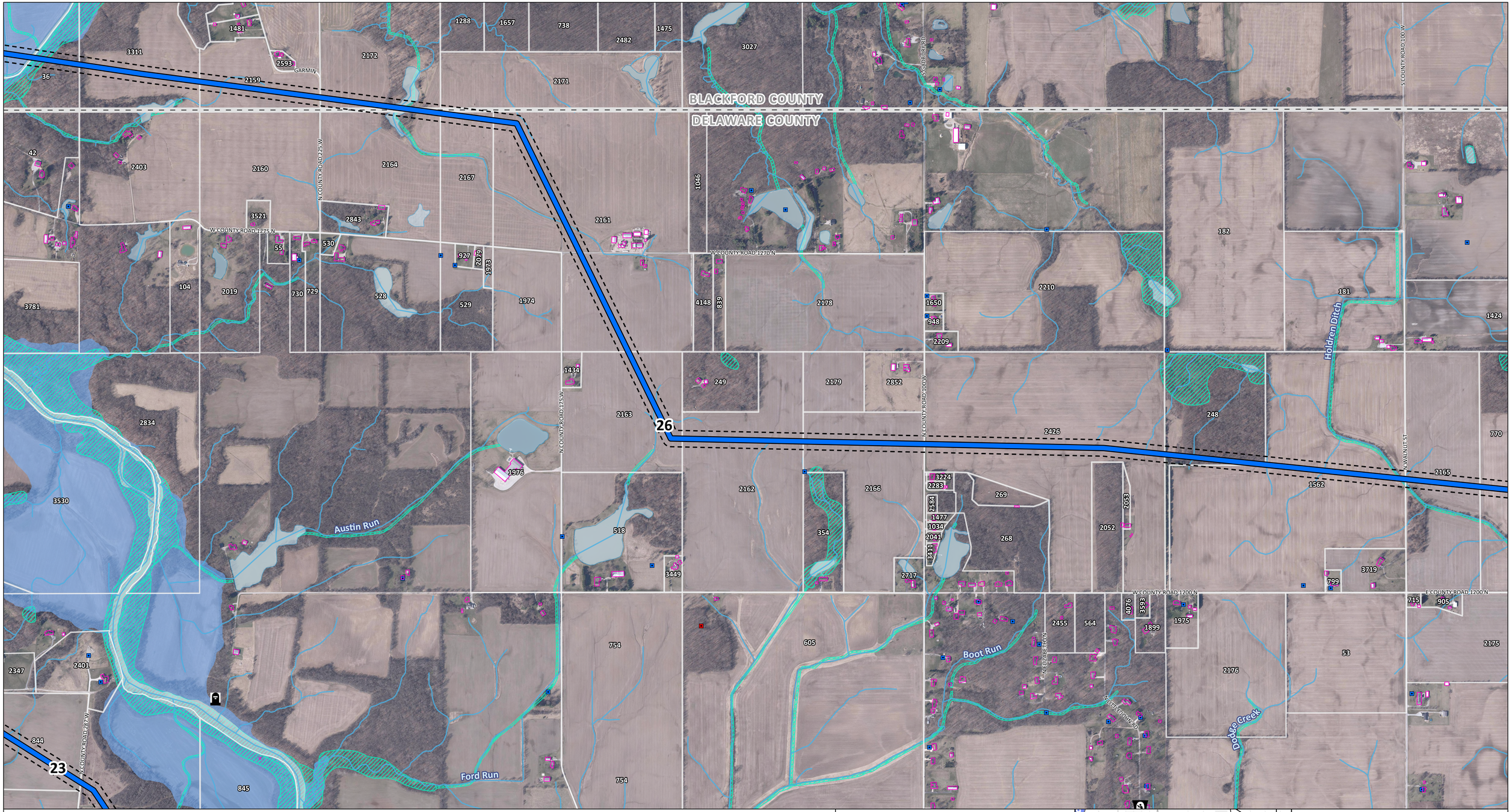
September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Blackford, Delaware, Grant County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Water Well

Oil/Gas Well

Place of Worship

Cemetery

Stream

Waterbody

FEMA 100-Year Flood Zone

Wetland

County Boundary

Building

Parcel Boundary

Only one route will be chosen and built. Shown preliminary segments could change based on landowner input, engineering, ground surveys and studies.

1 Inch = 500 Feet

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0 500 1,000 1,500

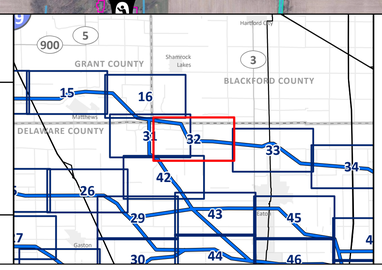
Feet

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September 30, 2026

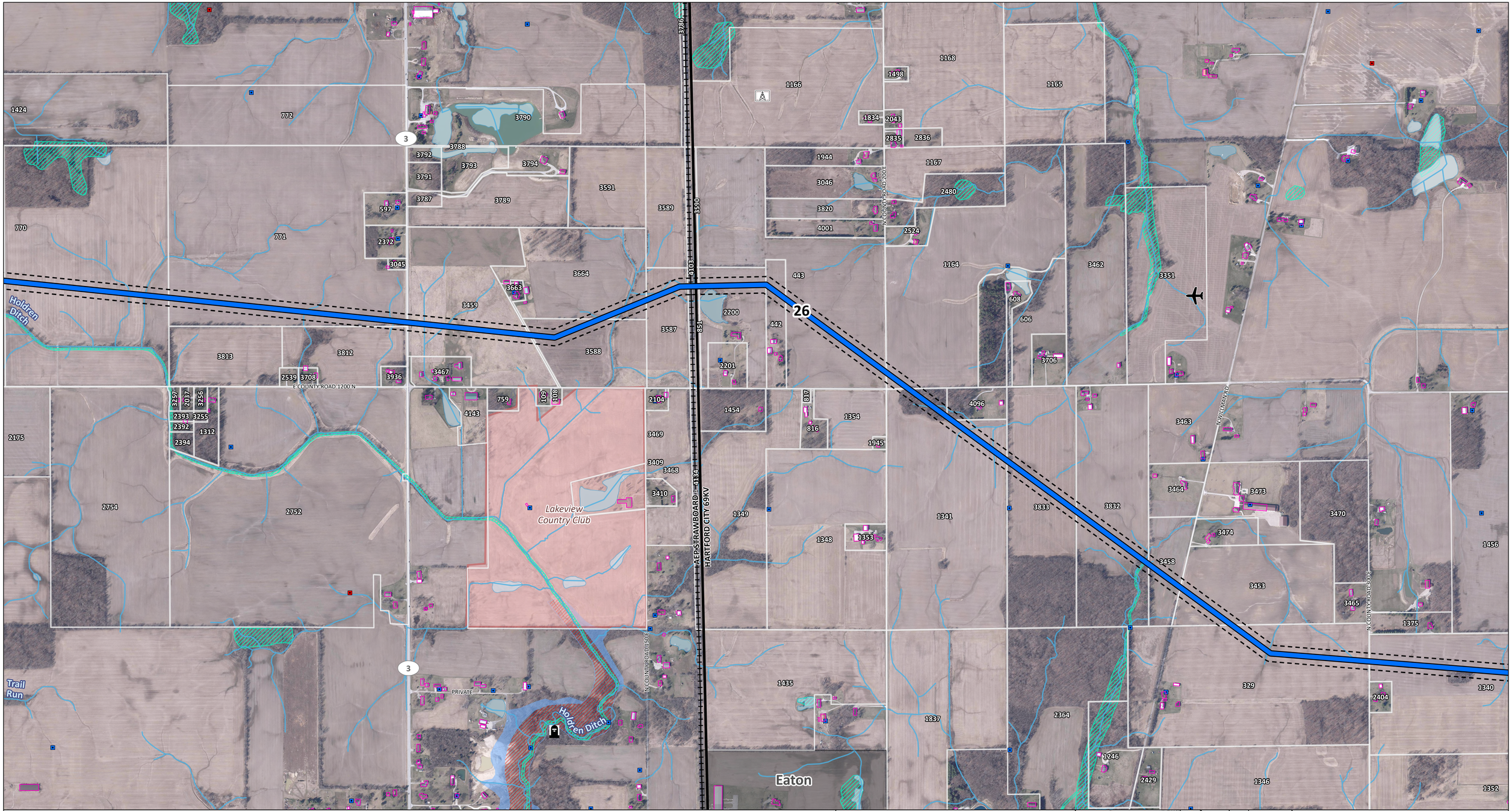
AEP TRANSMISSION

An AEP Company



Aerial Map

Eastern Indiana
Grid Reliability Project
Blackford, Delaware County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Existing Transmission Line

Railroad

Water Well

Oil/Gas Well

Airport

Communication Tower

Cemetery

Stream

Waterbody

FEMA Floodway

FEMA 100-Year Flood Zone

Wetland

City Boundary

Building

Parcel Boundary

Protected Land (PADUS)

AEP TRANSMISSION

An AEP Company

Only one route will be chosen and built. Shown preliminary segments could change based on landowner input, engineering, ground surveys and studies.

1 Inch = 500 Feet

when printed at 22x34

0 500 1,000 1,500

Feet

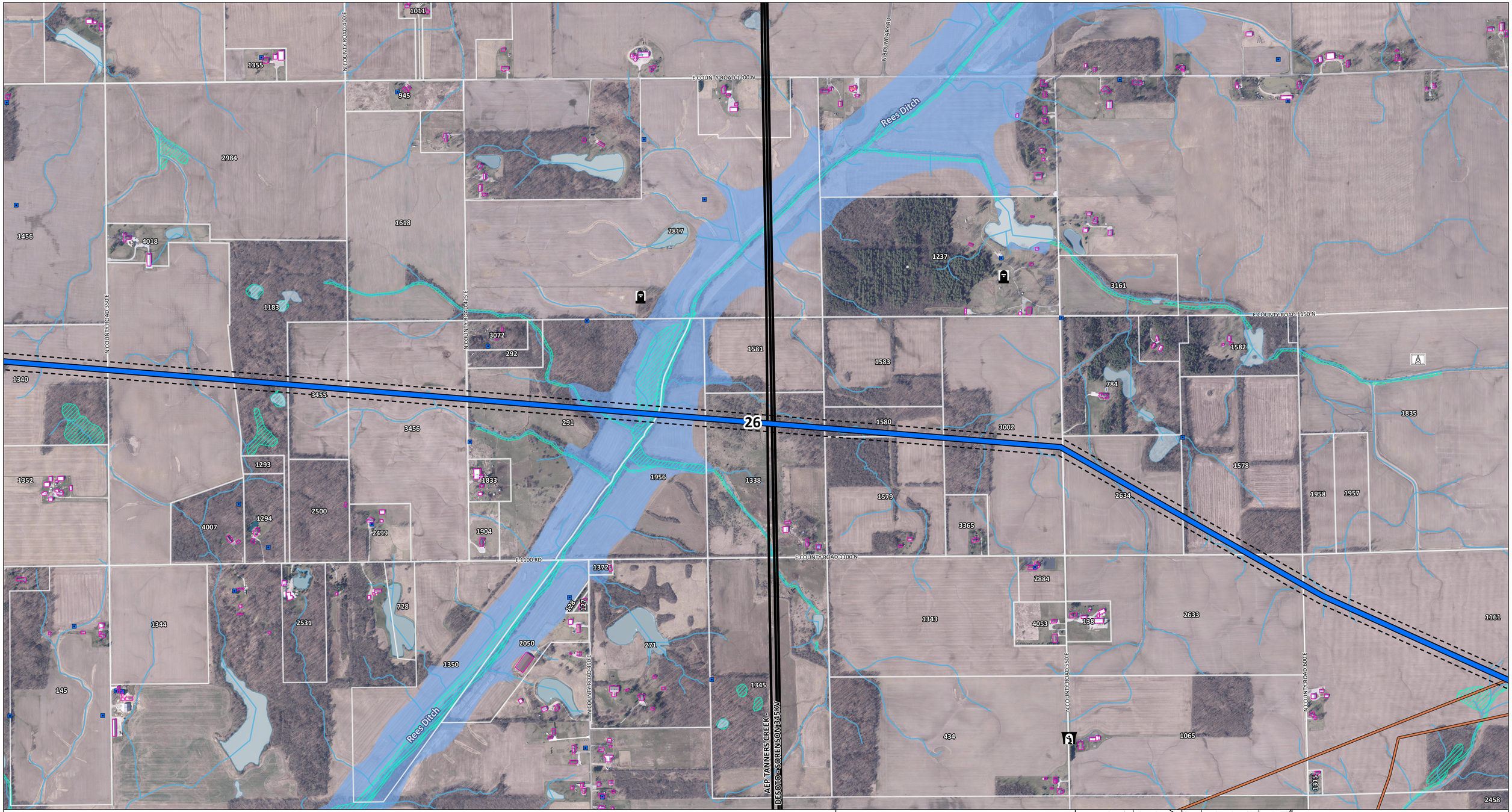
Imagery Source: Indiana Imagery Program (2022)

September 30, 2026

Aerial Map

Eastern Indiana Grid Reliability Project

Delaware County, IN



- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
  **Shown at 180-feet but subject to change*
- Existing Transmission Line
- Pipeline
- Water Well
- Communication Tower
- Place of Worship
- Cemetery
- Stream
- Waterbody
- FEMA 100-Year Flood Zone
- Wetland
- Building
- Parcel Boundary

AEP TRANSMISSION
An AEP Company

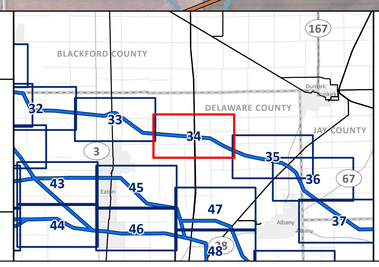
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1 Inch = 500 Feet
when printed at 22x34

0 500 1,000 1,500
Feet

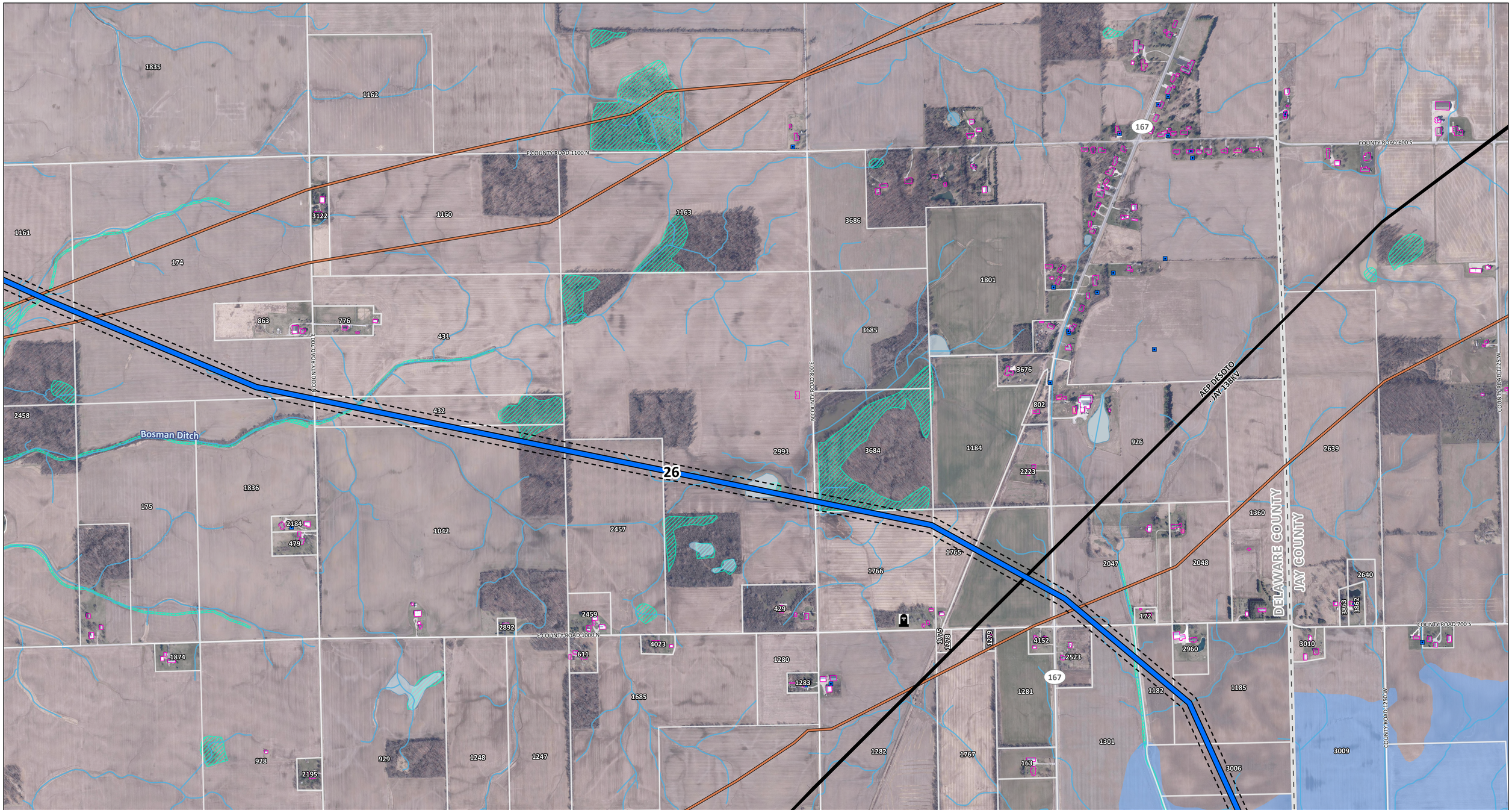
Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Delaware County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Existing Transmission Line

Pipeline

Water Well

Cemetery

Stream

Waterbody

FEMA 100-Year Flood Zone

Wetland

County Boundary

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

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1 Inch = 500 Feet

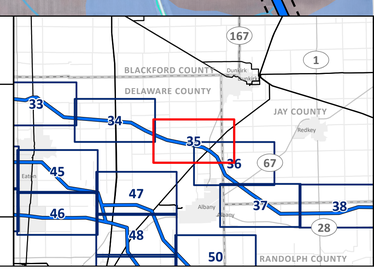
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Delaware, Jay County, IN

- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
  *Shown at 180-feet but subject to change
- Existing Transmission Line
- Pipeline
- Railroad
- Water Well
- Oil/Gas Well
- Cemetery
- Stream
- Waterbody
- FEMA Floodway
- FEMA 100-Year Flood Zone
- Wetland
- County Boundary
- City Boundary
- Building
- Parcel Boundary

AEP TRANSMISSION
An AEP Company

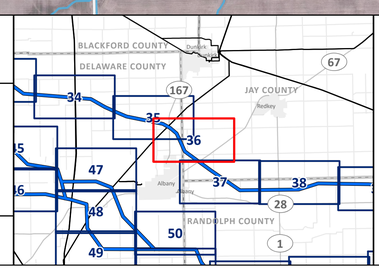
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1 Inch = 500 Feet
when printed at 22x34

0 500 1,000 1,500
Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Delaware, Jay County, IN

DELAWARE COUNTY
JAY COUNTY
RANDOLPH COUNTY
Albany
Albany Golf Club
N COUNTY ROAD 1250 W
N COUNTY ROAD 1150 W
N COUNTY ROAD 1050 W
W COUNTY ROAD 1000 N
W WREN BLVD
E DOWNEY LN
N STATE RD 67
N STATE RD 26
N STATE RD 28
PRIVATE DR
26
28
67

- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
  *Shown at 180-feet but subject to change
- Pipeline
- Railroad
- Water Well
- Oil/Gas Well
- Communication Tower
- Exisiting Wind Turbine
- Cemetery
- Stream
- Waterbody
- FEMA Floodway
- FEMA 100-Year Flood Zone
- Wetland
- County Boundary
- City Boundary
- Building
- Parcel Boundary
- Protected Land (PADUS)

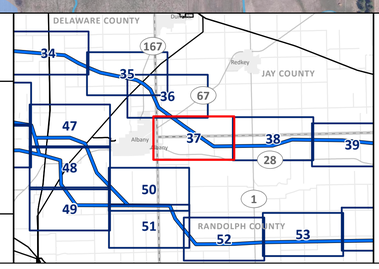
AEP TRANSMISSION
An AEP Company

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0 500 1,000 1,500
Feet

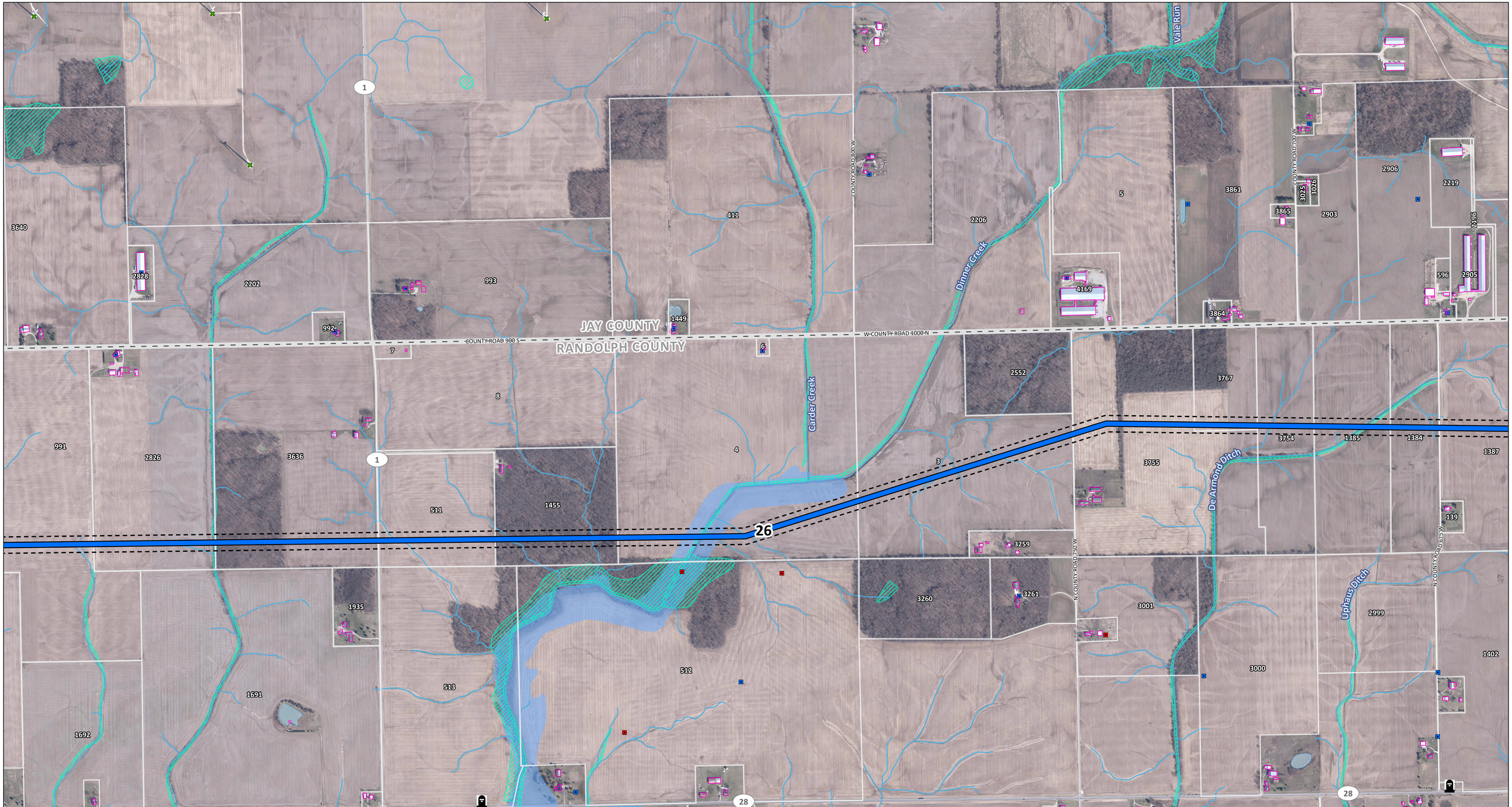
Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Delaware, Jay, Randolph County, IN



- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
  **Shown at 180-feet but subject to change*
- Water Well
- Oil/Gas Well
- Exisiting Wind Turbine
- Cemetery
- Stream
- Waterbody
- FEMA 100-Year Flood Zone
- Wetland
- County Boundary
- Building
- Parcel Boundary

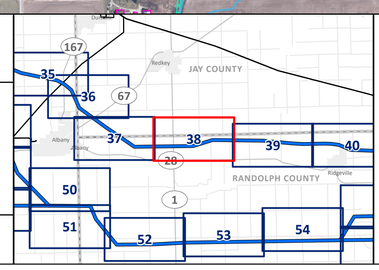
AEP TRANSMISSION
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1 Inch = 500 Feet
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0 500 1,000 1,500
Feet

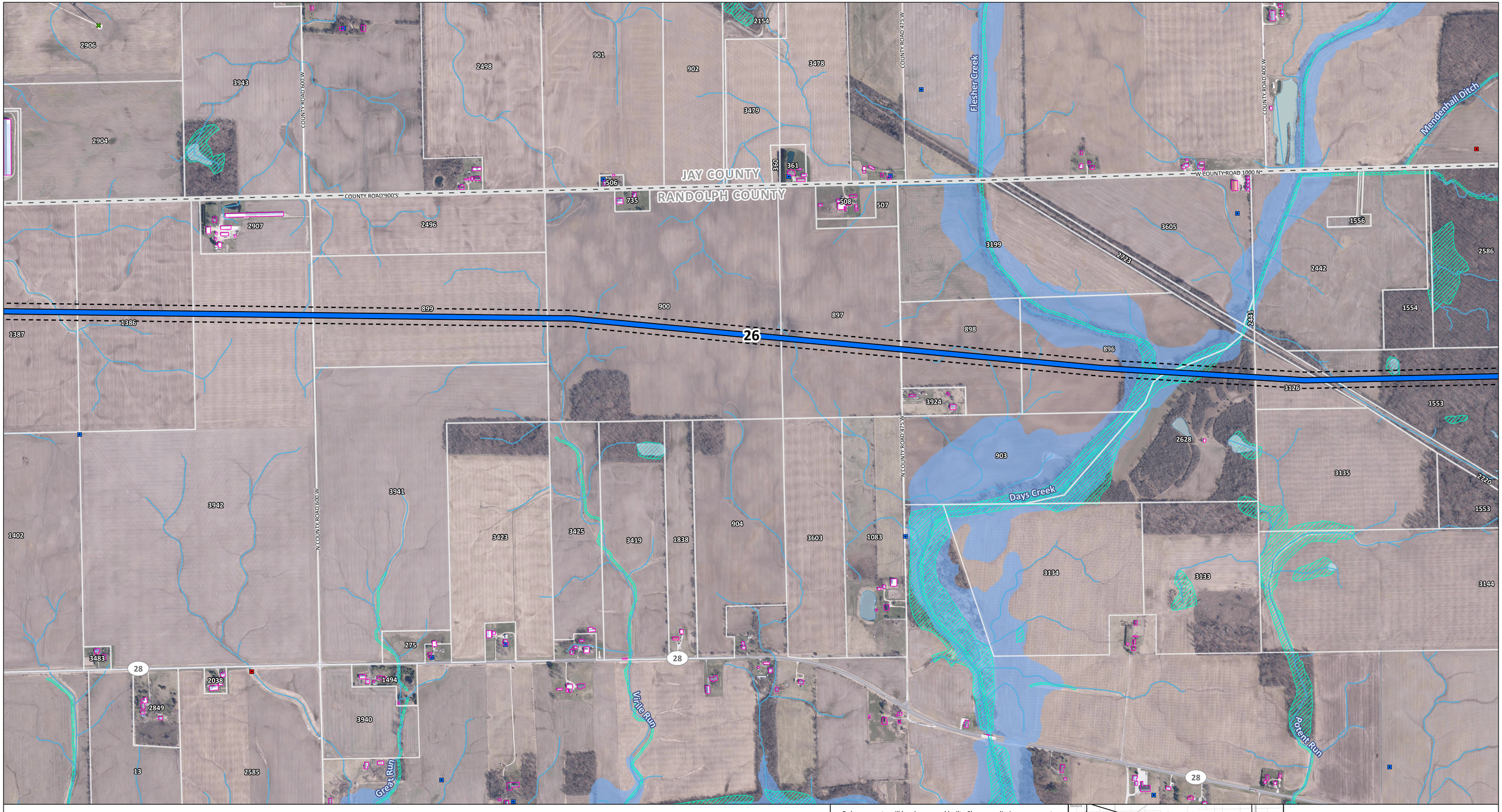
Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Jay, Randolph County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Water Well

Oil/Gas Well

Exisiting Wind Turbine

Stream

Waterbody

FEMA 100-Year Flood Zone

Wetland

County Boundary

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

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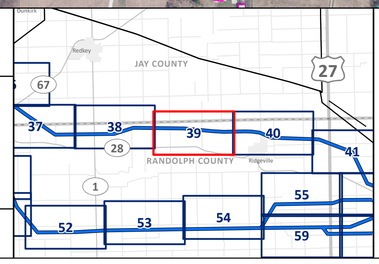
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

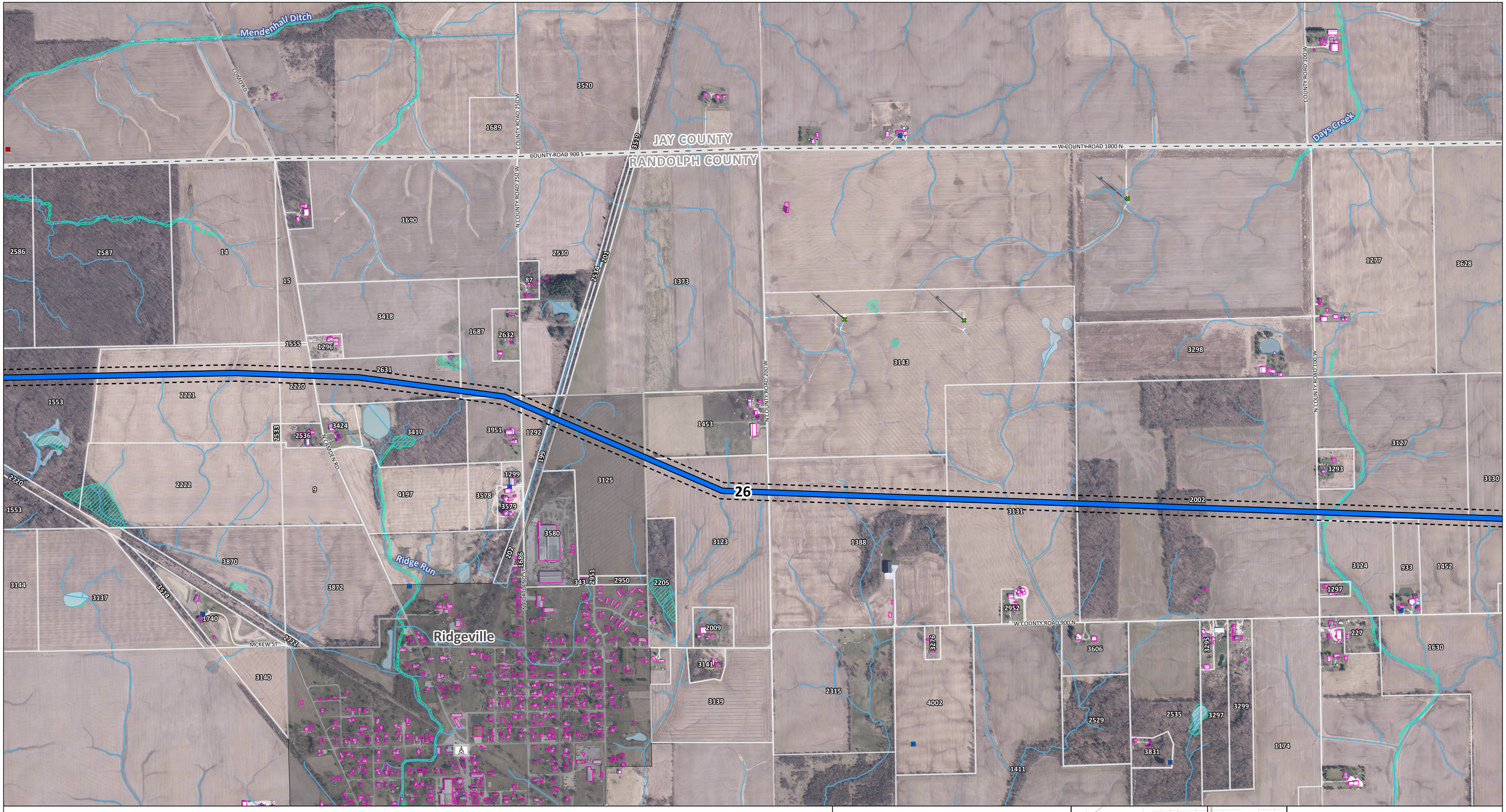
September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Jay, Randolph County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Water Well

Oil/Gas Well

Communication Tower

Exisiting Wind Turbine

Stream

Waterbody

Wetland

County Boundary

City Boundary

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

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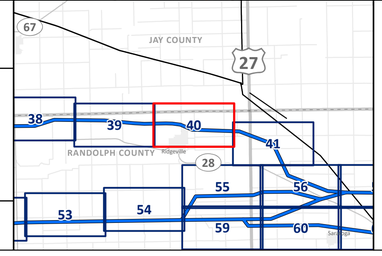
when printed at 22x34

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Feet

Imagery Source: Indiana Imagery Program (2022)

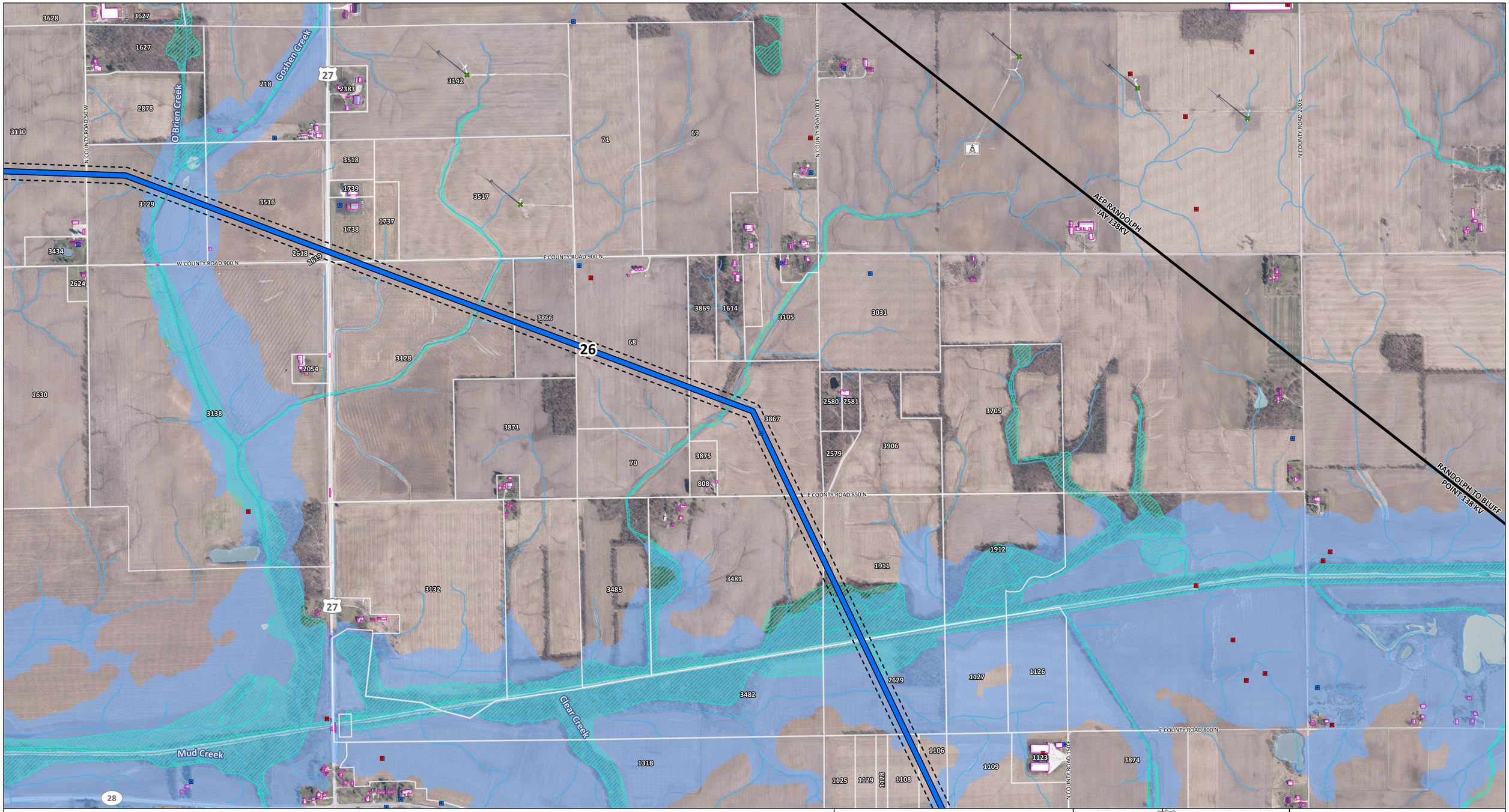
September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Jay, Randolph County, IN



- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
  *Shown at 180-feet but subject to change
- Existing Transmission Line
- Water Well
- Oil/Gas Well
- Communication Tower
- Exisiting Wind Turbine
- Stream
- Waterbody
- FEMA 100-Year Flood Zone
- Wetland
- Building
- Parcel Boundary

AEP TRANSMISSION
An AEP Company

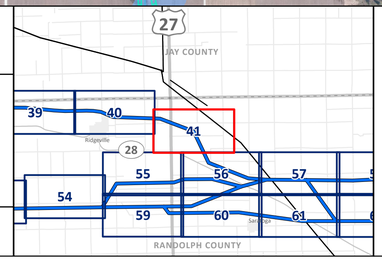
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Feet

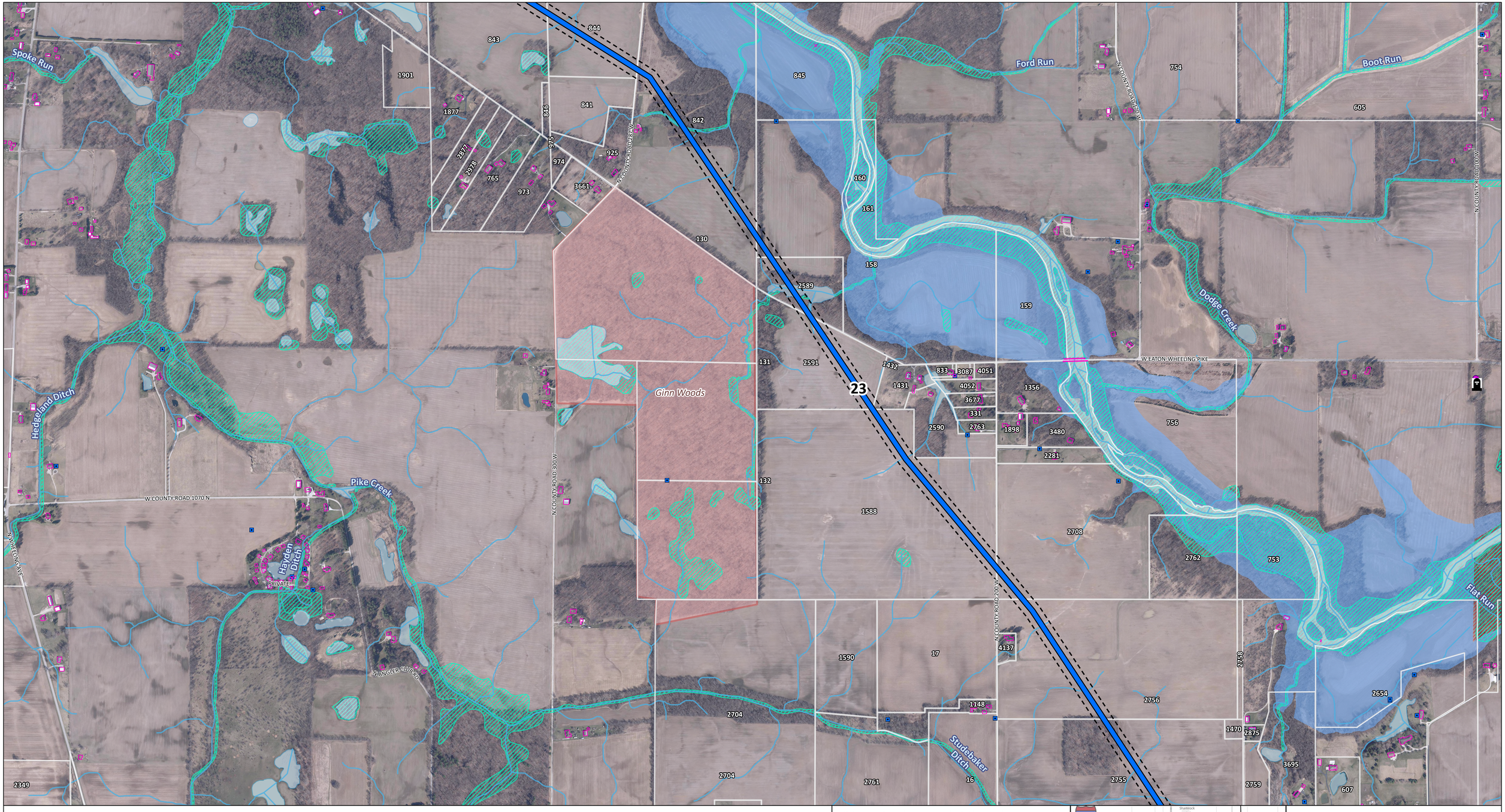
Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Randolph County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Water Well

Cemetery

NRHP and Eligable Structure

Stream

Waterbody

FEMA Floodway

FEMA 100-Year Flood Zone

Wetland

Building

Parcel Boundary

Protected Land (PADUS)

AEP TRANSMISSION

An AEP Company

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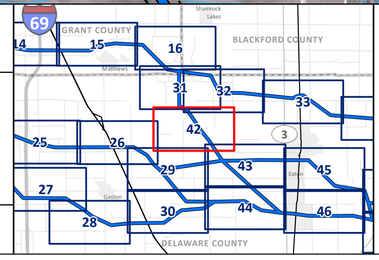
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

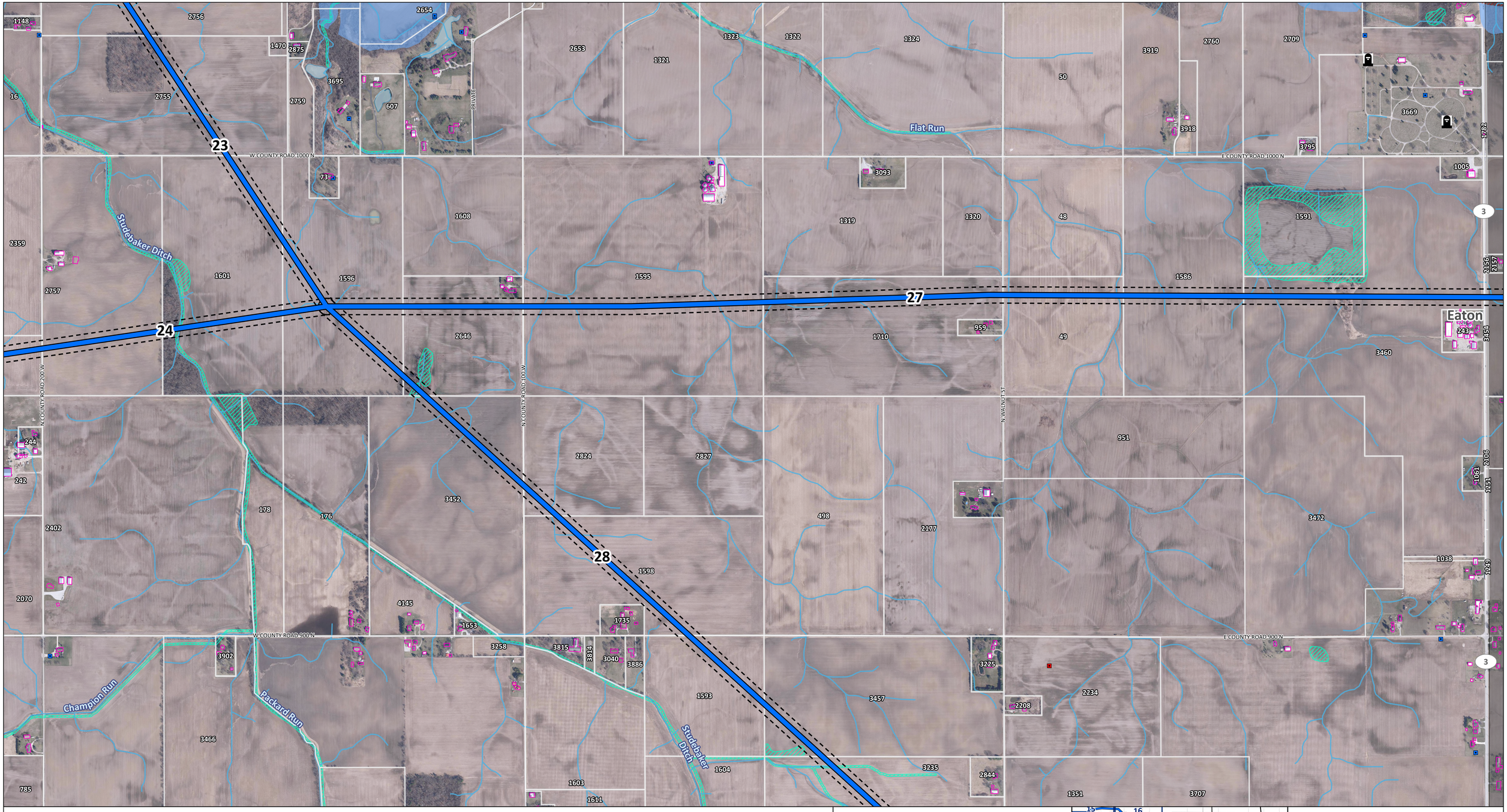
September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Delaware County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Water Well

Oil/Gas Well

Cemetery

Stream

Waterbody

FEMA Floodway

FEMA 100-Year Flood Zone

Wetland

City Boundary

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

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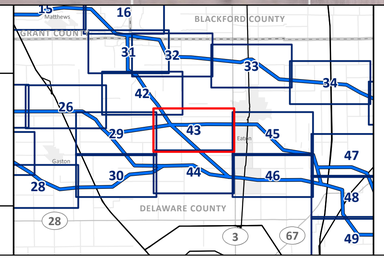
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

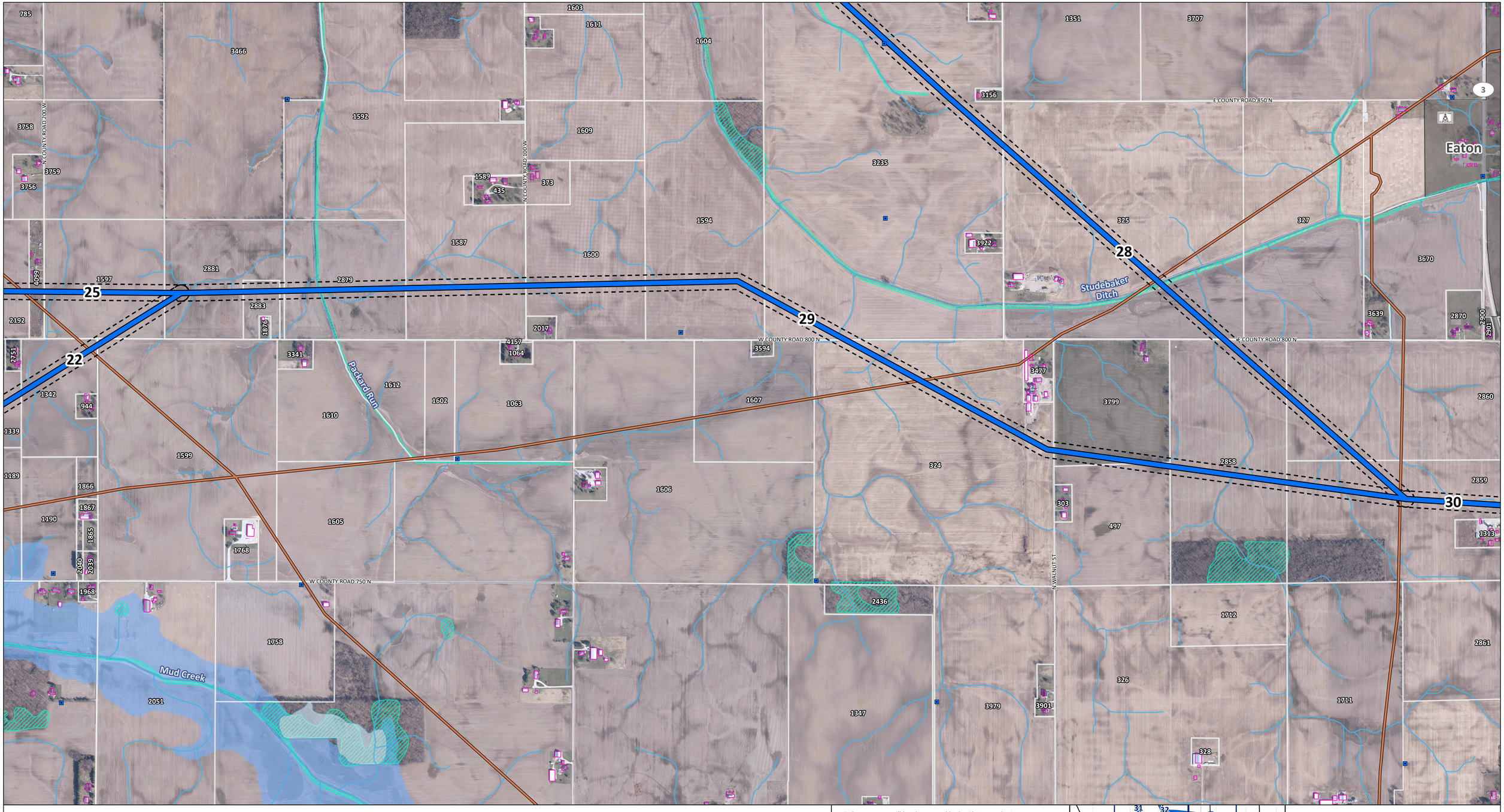
September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Delaware County, IN



- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
  *Shown at 180-feet but subject to change
- Pipeline
- Water Well
- Communication Tower
- Stream
- Waterbody
- FEMA 100-Year Flood Zone
- Wetland
- City Boundary
- Building
- Parcel Boundary

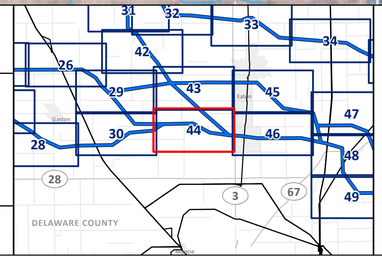
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An AEP Company

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when printed at 22x34
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Feet

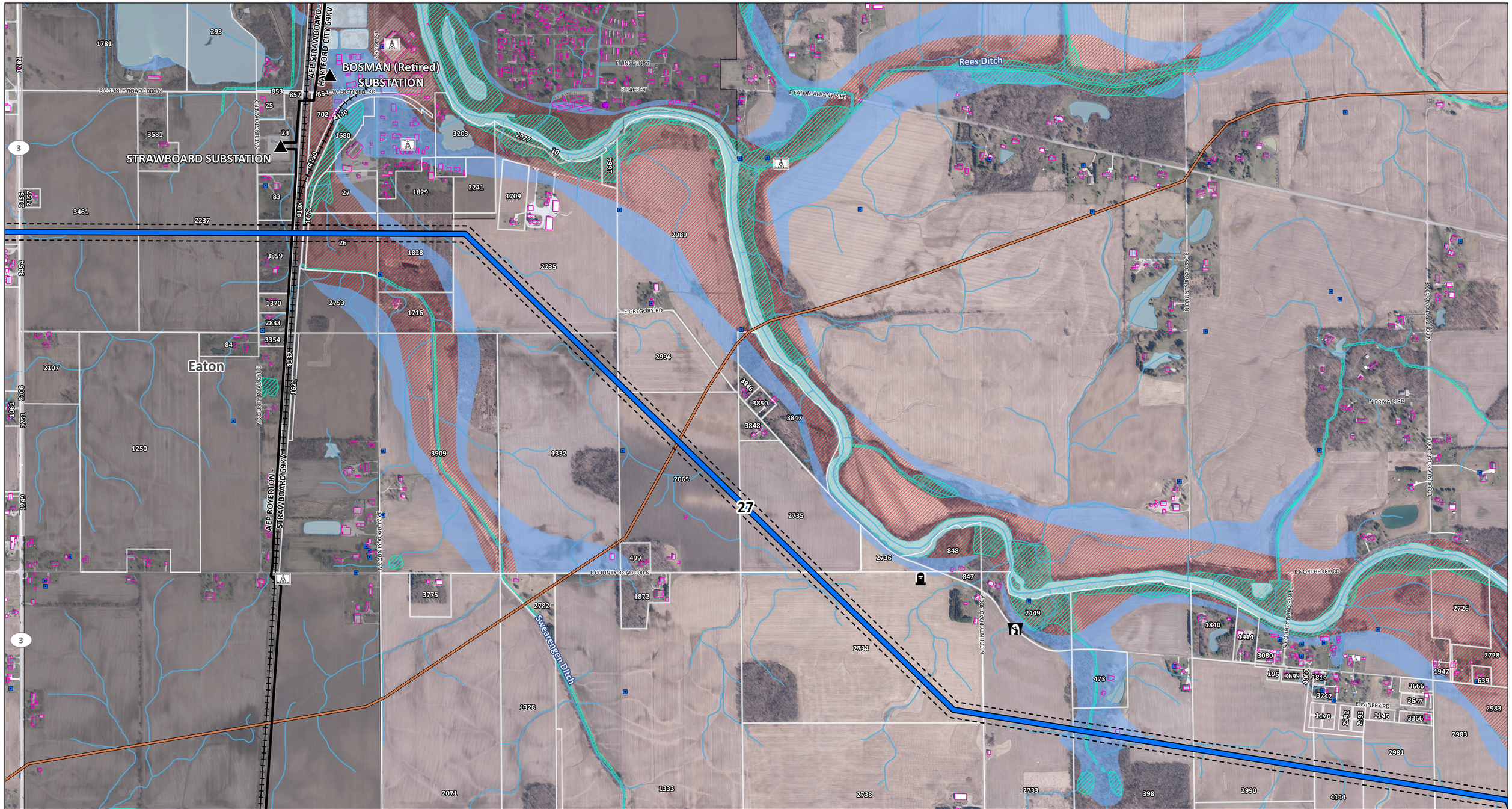
Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Delaware County, IN



- Existing Substation
- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
  *Shown at 180-feet but subject to change
- Existing Transmission Line
- Pipeline
- Railroad
- Water Well
- Communication Tower
- Place of Worship
- Cemetery
- NRHP and Eligable Structure
- Stream
- Waterbody
- FEMA Floodway
- FEMA 100-Year Flood Zone
- Wetland
- City Boundary
- Building
- Parcel Boundary

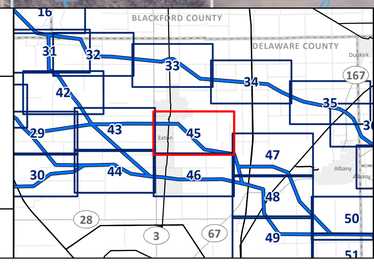
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An AEP Company

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0 500 1,000 1,500
Feet

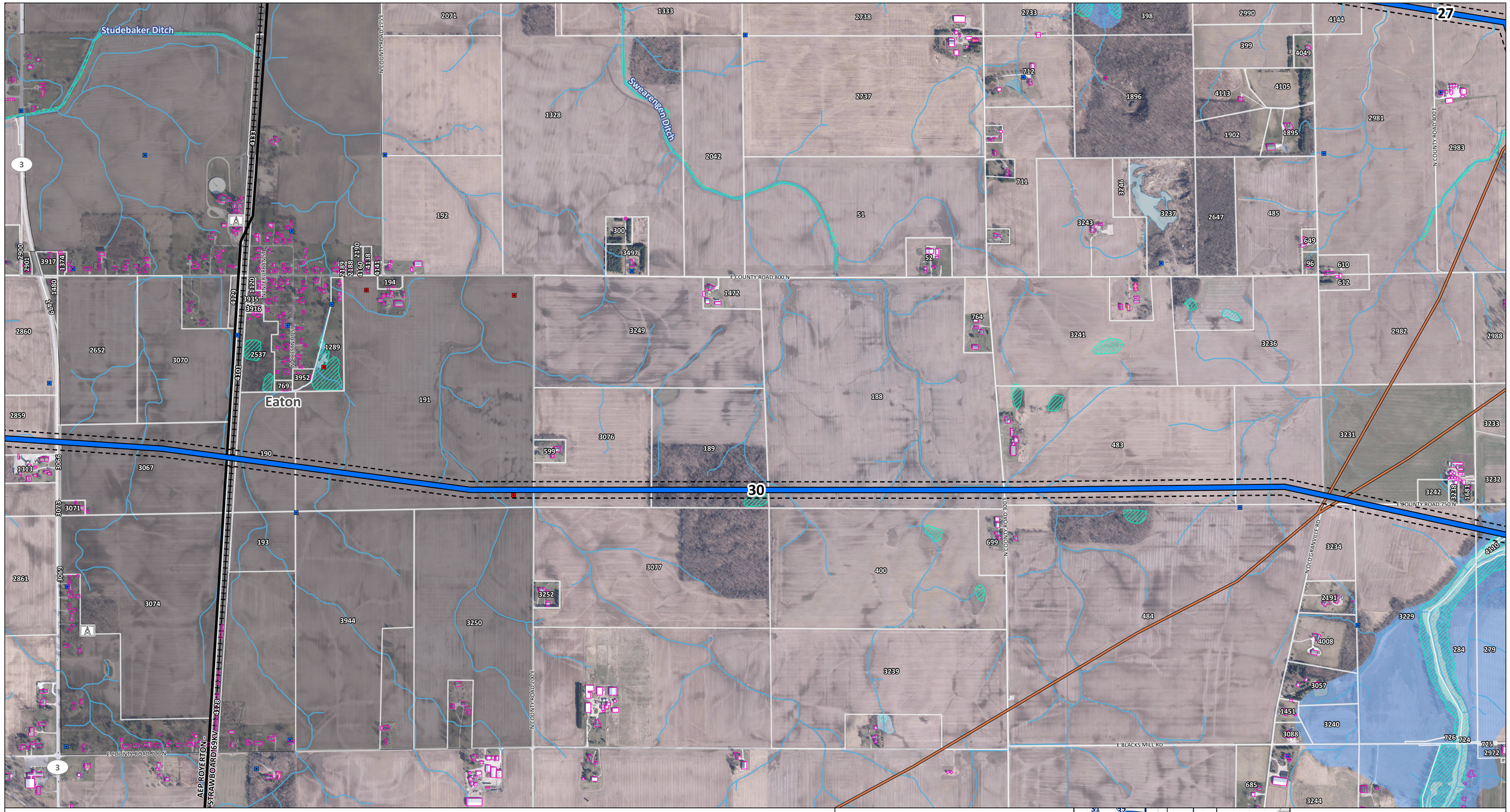
Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Delaware County, IN



- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
  **Shown at 180-feet but subject to change*
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- Pipeline
- Railroad
- Water Well
- Oil/Gas Well
- Communication Tower
- Stream
- Waterbody
- FEMA 100-Year Flood Zone
- Wetland
- City Boundary
- Building
- Parcel Boundary

AEP TRANSMISSION
An AEP Company

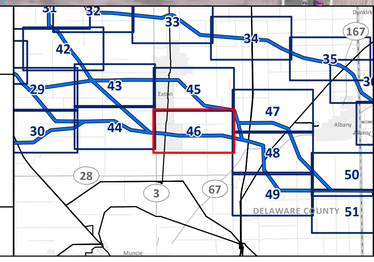
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when printed at 22x34

0 500 1,000 1,500
Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Delaware County, IN

E COUNTY ROAD 900 N
N COUNTY ROAD 450 E
N COUNTY ROAD 550 E
N COUNTY ROAD 700 E
E EATON-ALBANY PIKE
N HOLLOWELL RD
N SUMMERVILLE RD
E GREGORY RD
N BLACKTEVERY RD
Bosman Ditch
AEP DESOTO - JAY 138KV
AEP PERCH EXTENSION 138KV
AEP TANNERS CREEK - DESOTO - SORENSON 345KV
Albany
27
32
31
2728
2727
2725
639
2983
3934
3616
3617
149
3247
2943
1815
1789
814
288
2588
1785
1784
1209
634
635
637
1425
3171
633
1210
2957
636
638
632
990
2986
2985
2987
1786
3729
3731
3730
239
1787
1788
2988
240
3732
285
3068
1032
3233
1790
2477
2476
3165
1147
3834
1144
2922
989

Greentown – Thistlewood (IN) Study Segment
Greentown – Thistlewood (IN) Right-of-Way
*Shown at 180-feet but subject to change
Existing Transmission Line
Pipeline
Water Well
Oil/Gas Well
Cemetery
Stream
Waterbody
FEMA Floodway
FEMA 100-Year Flood Zone
Wetland
City Boundary
Building
Parcel Boundary

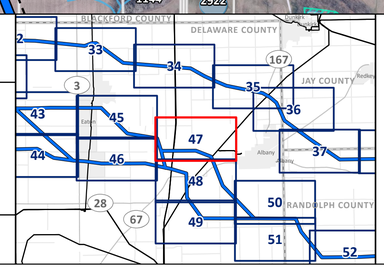
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An AEP Company

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when printed at 22x34
0 500 1,000 1,500
Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Delaware County, IN

Albany

AEP TANNERS CREEK - DESOTO - SORENSON 345kV

AEP DESOTO - JAY 138kV

E PATRICK RD

E COUNTY ROAD 700 N

E BLACKS MILL RD

E WOODSIDE RD

E FLAT ROCK DR

E EDGEWATER RD

N SHARPBEND RD

E SHARPBEND RD

N REYNARD RD

N COUNTY ROAD 400 E

N COUNTY ROAD 600 E

N COUNTY ROAD 650 E

N COUNTY ROAD 700 E

N COUNTY ROAD 450 E

N BLACK CEMETERY RD

JAY COUNTY

RANDOLPH COUNTY

DELAWARE COUNTY

- Greentown – Thistlewood (IN) Study Segment
- Greentown – Thistlewood (IN) Right-of-Way
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- City Boundary
- Building
- Parcel Boundary

AEP TRANSMISSION
An AEP Company

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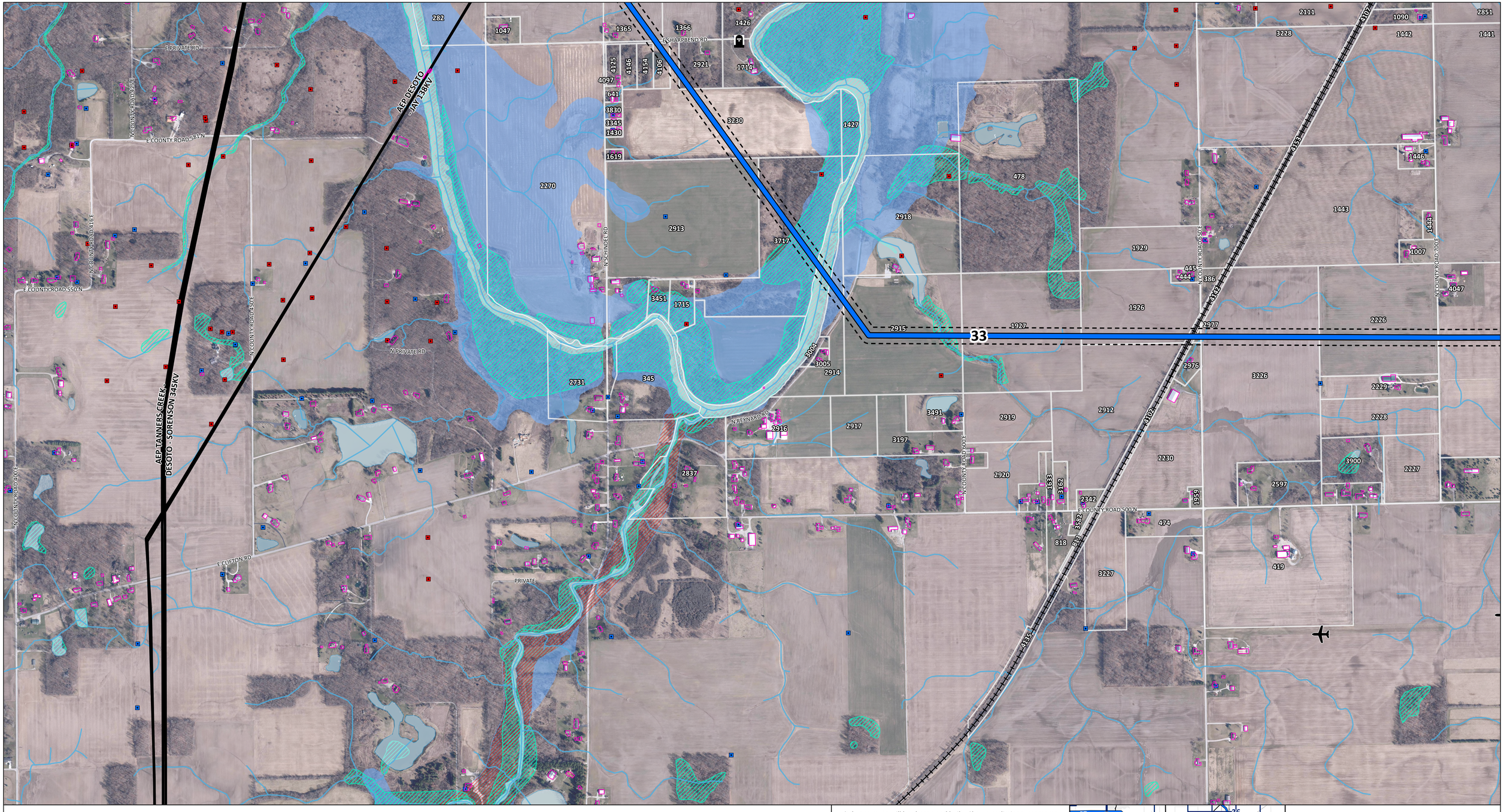
0 500 1,000 1,500
Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026

Aerial Map

Eastern Indiana Grid Reliability Project
Delaware County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Existing Transmission Line

Railroad

Water Well

Oil/Gas Well

Airport

Cemetery

Stream

Waterbody

FEMA Floodway

FEMA 100-Year Flood Zone

Wetland

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

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1 Inch = 500 Feet

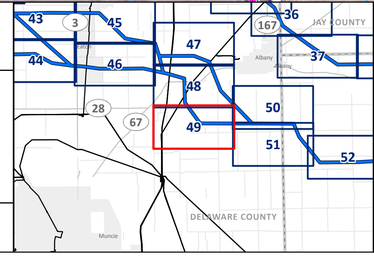
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0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

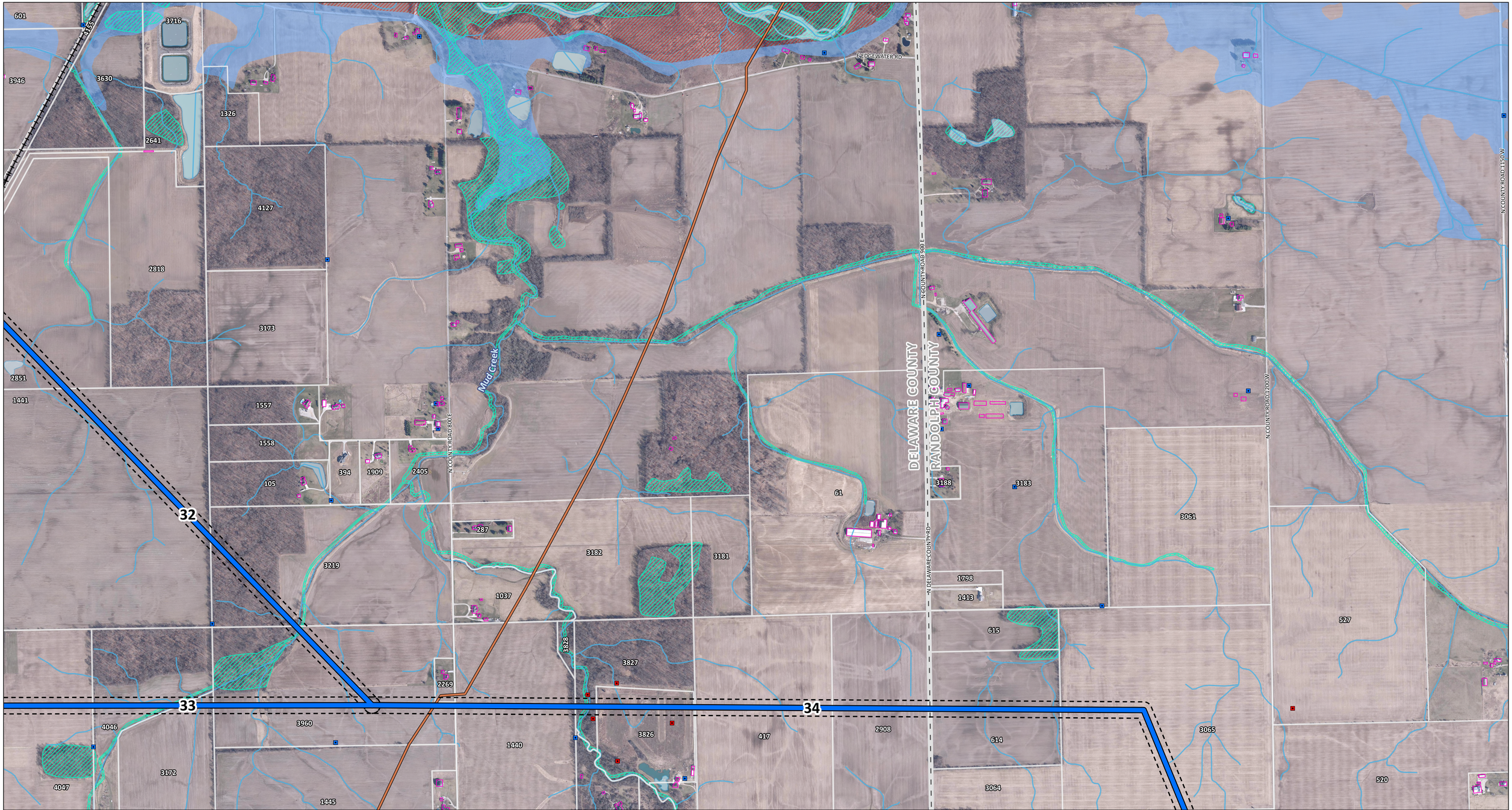
September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Delaware County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Pipeline

Railroad

Water Well

Oil/Gas Well

Stream

Waterbody

FEMA Floodway

FEMA 100-Year Flood Zone

Wetland

County Boundary

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

Only one route will be chosen and built. Shown preliminary segments could change based on landowner input, engineering, ground surveys and studies.

1 Inch = 500 Feet

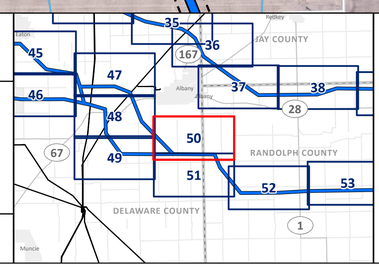
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Delaware, Randolph County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Pipeline

Water Well

Oil/Gas Well

Airport

Stream

Waterbody

Wetland

County Boundary

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

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1 Inch = 500 Feet

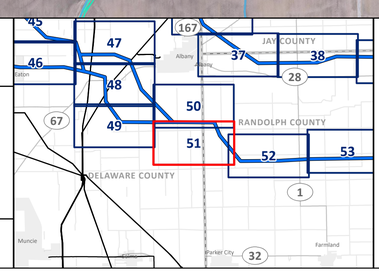
when printed at 22x34

0 500 1,000 1,500

Feet

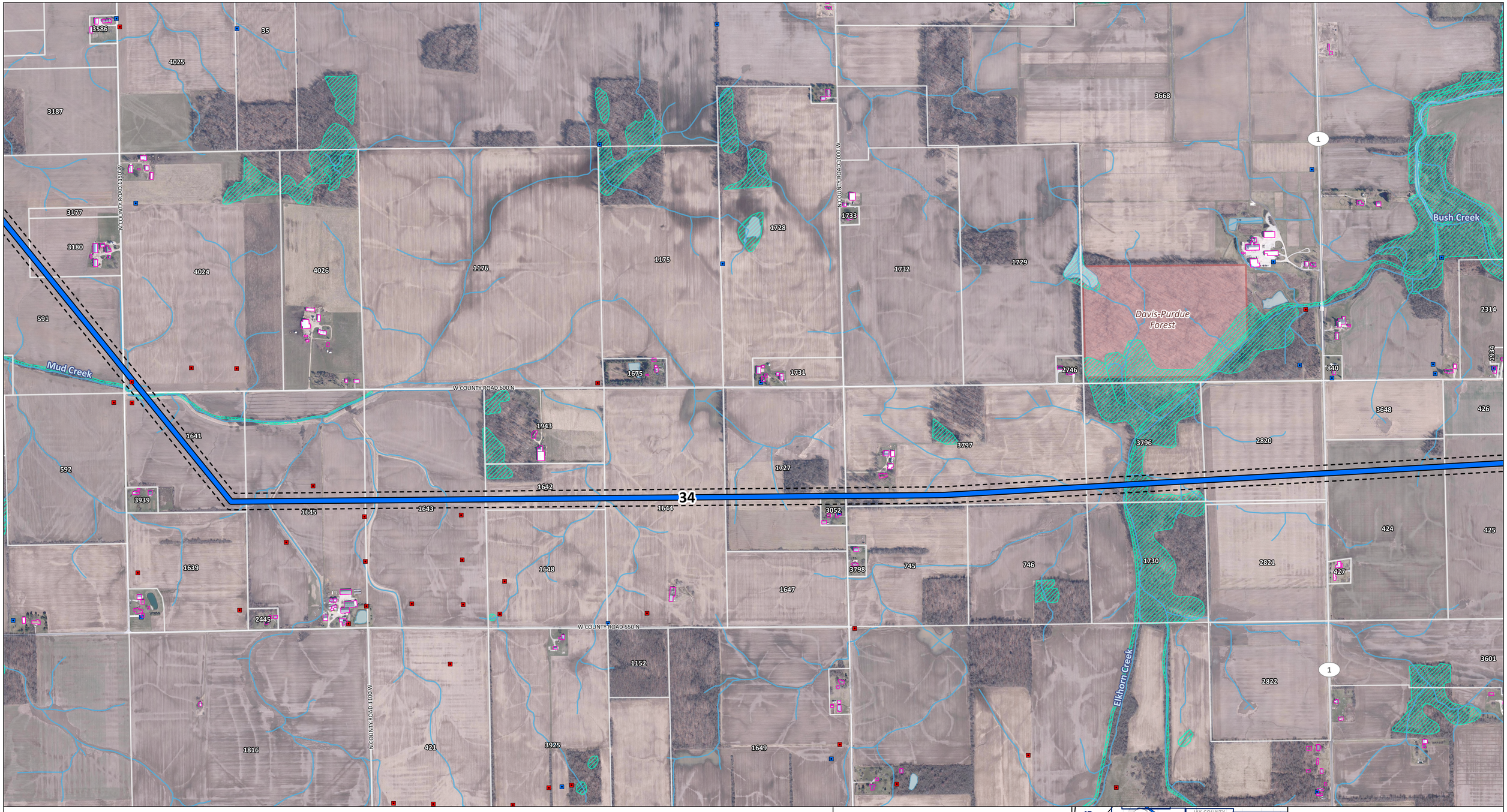
Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana
Grid Reliability Project
Delaware, Randolph County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Water Well

Oil/Gas Well

Stream

Waterbody

Wetland

Building

Parcel Boundary

Protected Land (PADUS)

AEP TRANSMISSION

An AEP Company

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1 Inch = 500 Feet

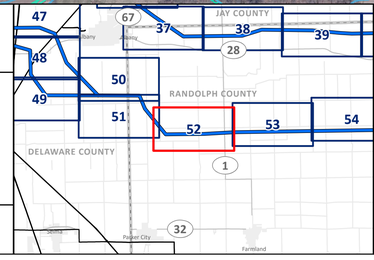
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Randolph County, IN

Tough Run
Heuss Ditch
Friend Run
Stevens Ditch
Bush Creek
N COUNTY ROAD 800 W
N COUNTY ROAD 700 W
N COUNTY ROAD 650 W
N COUNTY ROAD 600 W
N COUNTY ROAD 550 W
W COUNTY ROAD 600 N
W COUNTY ROAD 550 N
34
920
3644
2044
881
2125
371
477
3096
781
125
763
2314
3647
3433
1834
779
1471
908
3420
2443
426
2958
3633
4123
3884
352
351
3414
778
777
126
2551
3416
3635
3634
3415
1298
2148
425
3422
3645
3649
3643
2454
3565
3564
3421
3646
2519
3642
524
2520
3163
3447
3601
2518
3496
423

Greentown – Thistlewood (IN) Study Segment
Greentown – Thistlewood (IN) Right-of-Way
*Shown at 180-feet but subject to change

Water Well
Oil/Gas Well
Cemetery

Stream
Waterbody
Wetland

Building
Parcel Boundary

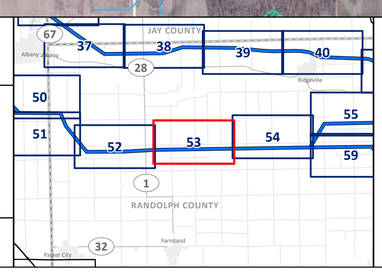
AEP TRANSMISSION
An AEP Company

Only one route will be chosen and built. Shown preliminary segments could change based on landowner input, engineering, ground surveys and studies.

1 Inch = 500 Feet
when printed at 22x34
0 500 1,000 1,500
Feet

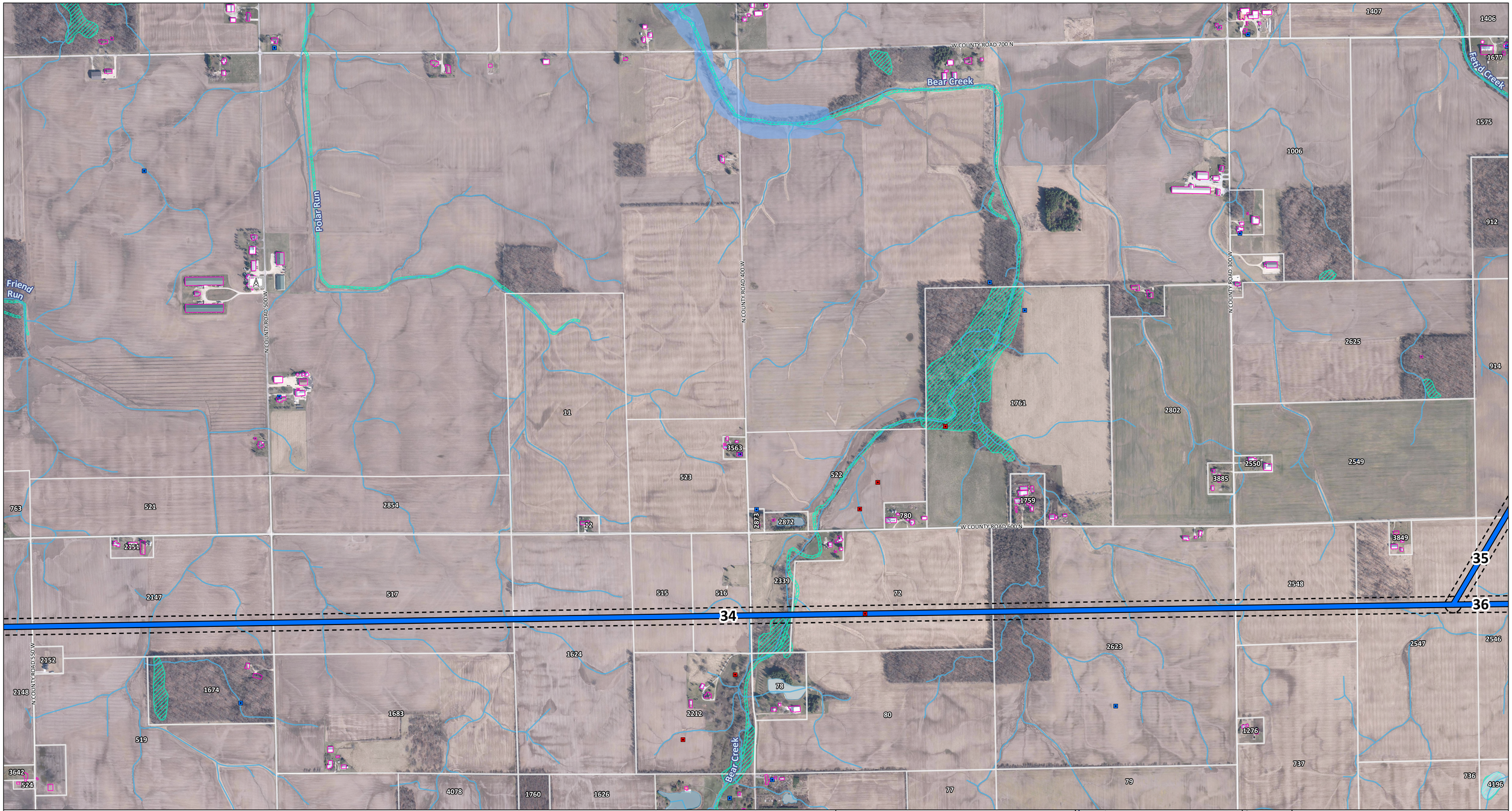
Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Randolph County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Water Well

Oil/Gas Well

Communication Tower

Stream

Waterbody

FEMA 100-Year Flood Zone

Wetland

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

Only one route will be chosen and built. Shown preliminary segments could change based on landowner input, engineering, ground surveys and studies.

1 Inch = 500 Feet

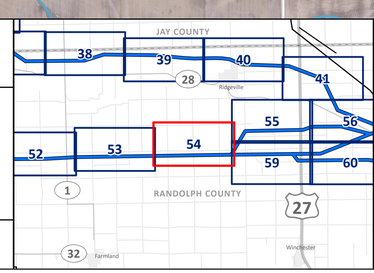
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Randolph County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Water Well

Oil/Gas Well

School

Communication Tower

Stream

Waterbody

FEMA 100-Year Flood Zone

Wetland

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

Only one route will be chosen and built. Shown preliminary segments could change based on landowner input, engineering, ground surveys and studies.

1 Inch = 500 Feet

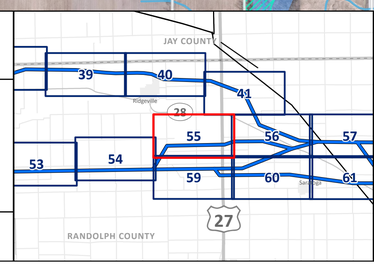
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

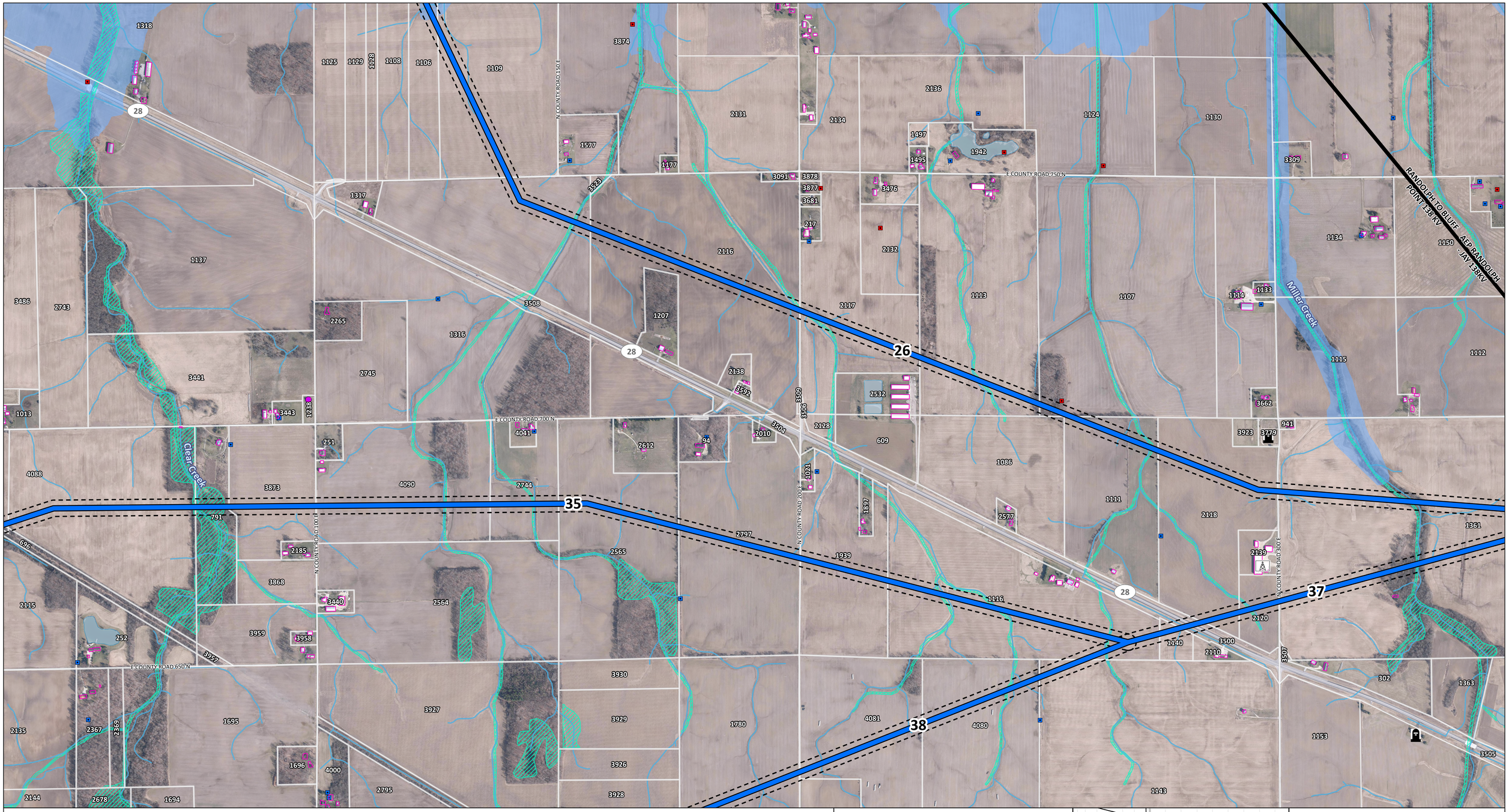
September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Randolph County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Existing Transmission Line

Water Well

Oil/Gas Well

Communication Tower

Cemetery

NRHP and Eligable Structure

Stream

Waterbody

FEMA 100-Year Flood Zone

Wetland

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

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1 Inch = 500 Feet

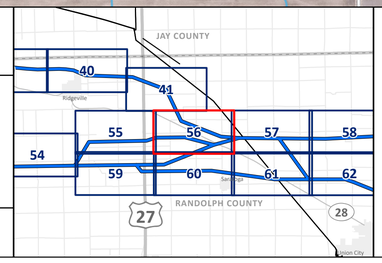
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Randolph County, IN

E COUNTY ROAD 750 N
N COUNTY ROAD 500 E
N COUNTY ROAD 600 E
E COUNTY ROAD 700 N
E COUNTY ROAD 625 N
Phipps Woods
Harshman Creek
Miller Creek
Lows Branch
AEP RANDOLPH - JAY 138KV
RANDOLPH TO BLUFF POINT 138 KV
26
37
39
42
41
28
3113
3111
3114
3110
3112
2193
2194
1149
382
3912
4089
3160
1131
717
2018
2509
2785
2123
381
3891
3310
1110
2779
2796
2287
2288
3108
171
2113
1112
4124
2033
2794
1940
2034
173
2747
1132
2329
2187
3967
3279
1997
3200
412
170
3109
1964
3890
2023
1286
1285
3047
1361
1362
3436
1284
3889
3191
2616
1287
2285
2800
2024
2799
2396
1363
1887
3895
2526
3390
3048
2289
3222
3897
2893
3505
295
2511
1915
2512
1918
3560
3894

Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Existing Transmission Line

Water Well

Oil/Gas Well

Communication Tower

Stream

Waterbody

FEMA 100-Year Flood Zone

Wetland

Building

Parcel Boundary

Protected Land (PADUS)

AEP TRANSMISSION

An AEP Company

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1 Inch = 500 Feet

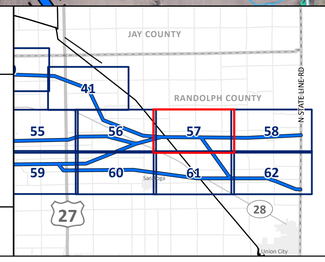
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Randolph County, IN

Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Water Well

Oil/Gas Well

Stream

Waterbody

FEMA 100-Year Flood Zone

Wetland

State Boundary

County Boundary

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

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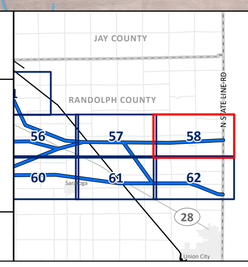
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Feet

Imagery Source: Indiana Imagery Program (2022)

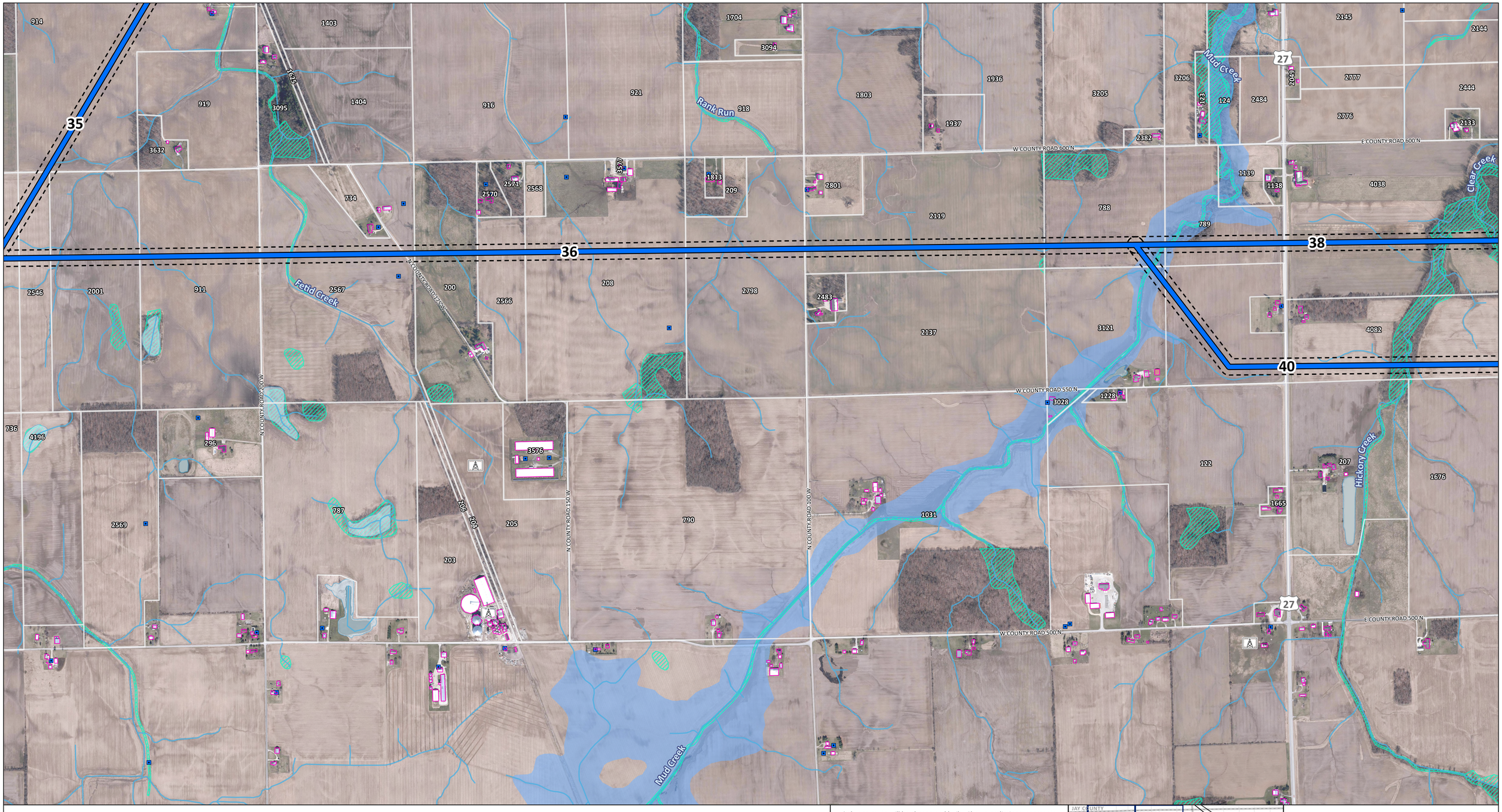
September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Randolph County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Water Well

Communication Tower

Stream

Waterbody

FEMA 100-Year Flood Zone

Wetland

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

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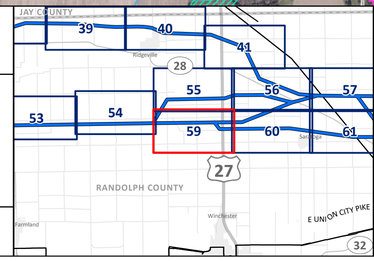
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

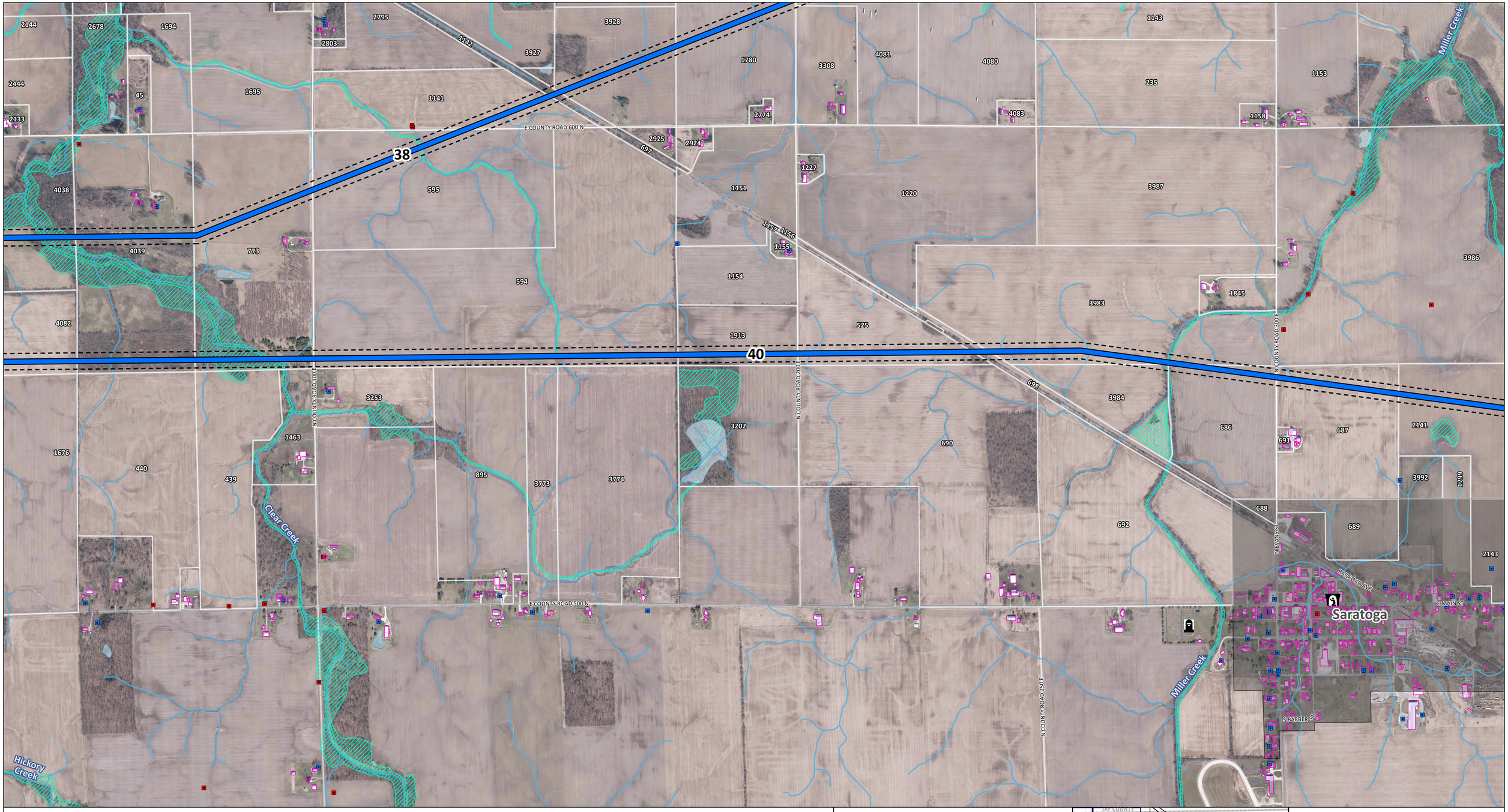
September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Randolph County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Water Well

Oil/Gas Well

Place of Worship

Cemetery

Stream

Waterbody

Wetland

City Boundary

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

Only one route will be chosen and built. Shown preliminary segments could change based on landowner input, engineering, ground surveys and studies.

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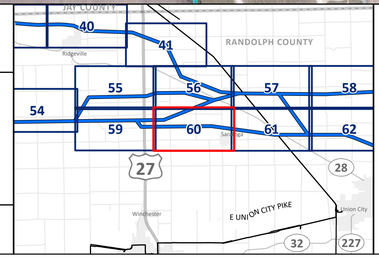
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

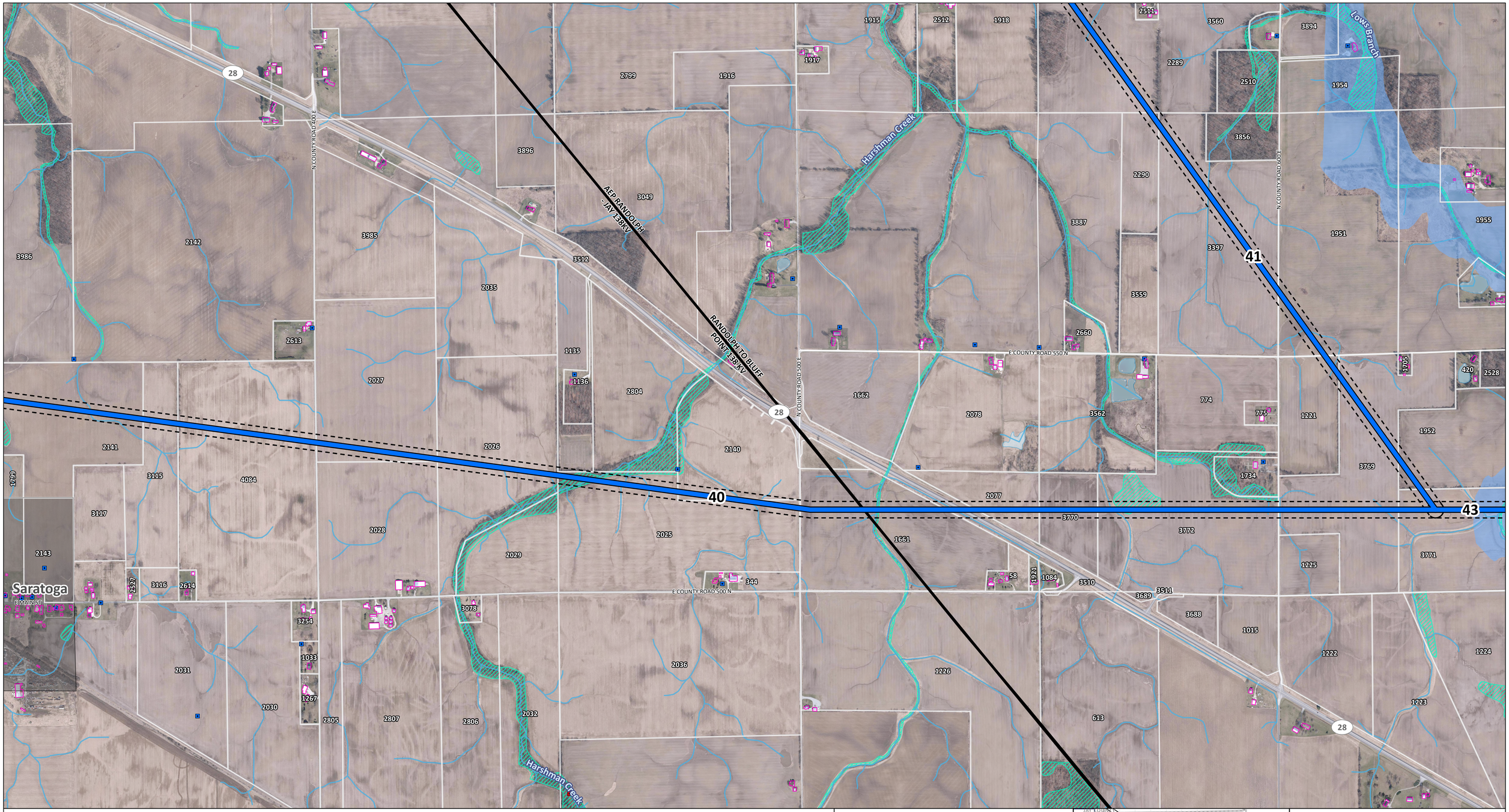
September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Randolph County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way
*Shown at 180-feet but subject to change

Existing Transmission Line

Water Well

Oil/Gas Well

Stream

Waterbody

FEMA 100-Year Flood Zone

Wetland

City Boundary

Building

Parcel Boundary

AEP TRANSMISSION
An AEP Company

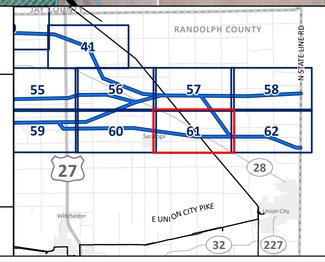
Only one route will be chosen and built. Shown preliminary segments could change based on landowner input, engineering, ground surveys and studies.

1 Inch = 500 Feet
when printed at 22x34

0 500 1,000 1,500
Feet

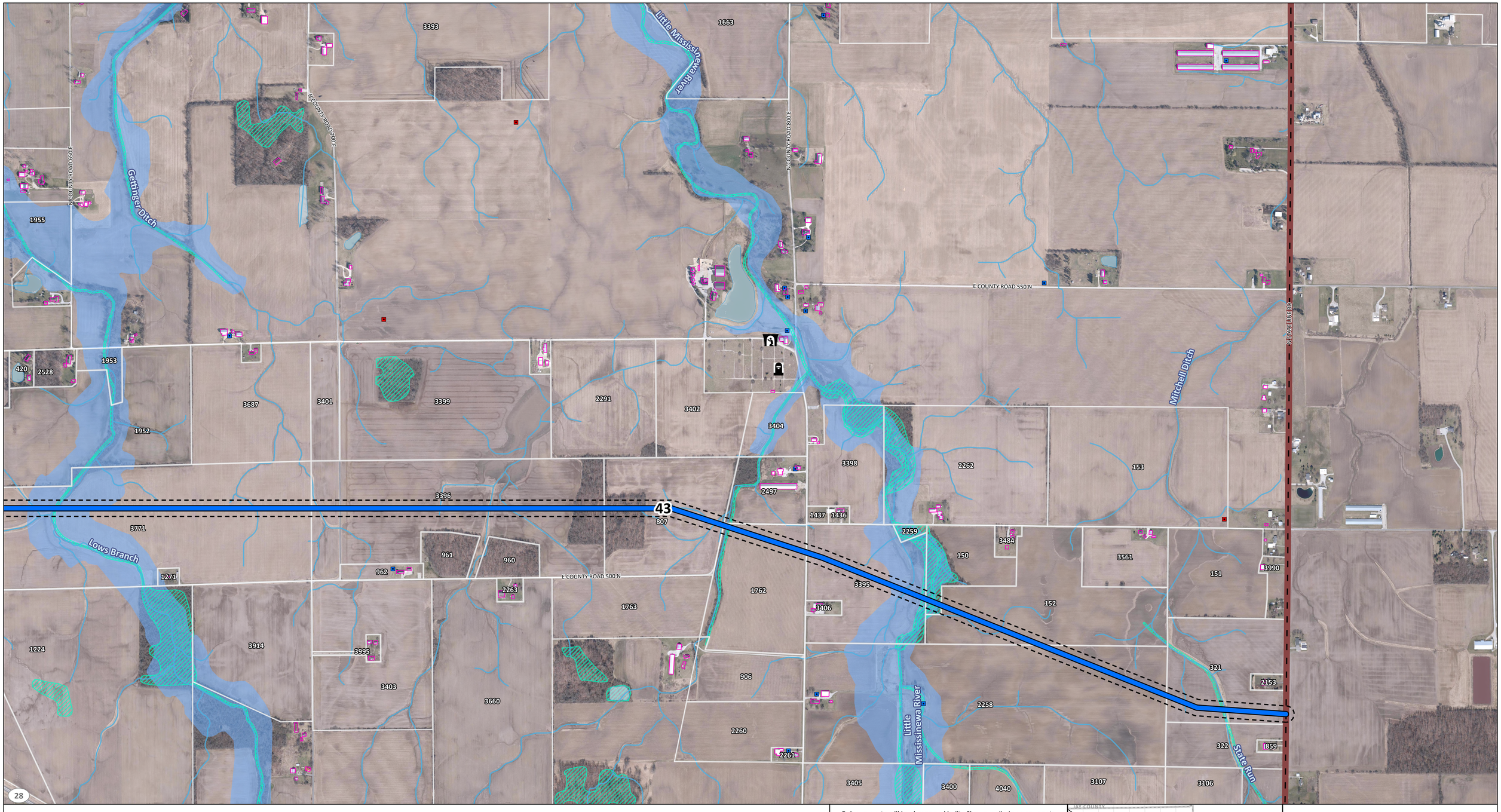
Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project
Randolph County, IN



Greentown – Thistlewood (IN) Study Segment

Greentown – Thistlewood (IN) Right-of-Way

*Shown at 180-feet but subject to change

Water Well

Oil/Gas Well

Place of Worship

Cemetery

Stream

Waterbody

FEMA 100-Year Flood Zone

Wetland

State Boundary

County Boundary

Building

Parcel Boundary

AEP TRANSMISSION

An AEP Company

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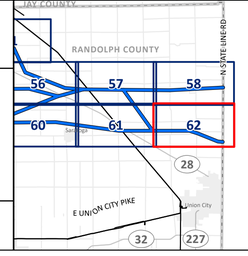
when printed at 22x34

0 500 1,000 1,500

Feet

Imagery Source: Indiana Imagery Program (2022)

September 30, 2026



Aerial Map

Eastern Indiana Grid Reliability Project

Randolph County, IN