January 17, 2017

Scott Humphrys
FirstEnergy
76 S Main St,
Akron, Ohio 44308

Re: Cultural Resources Desktop Review
Lemoyne to Midway 138 kV Reconductoring Project
American Transmission Systems, Inc.
Burns & McDonnell Project #95826

Dear Mr. Humphrys:

Burns & McDonnell Engineering Company, Inc. (Burns & McDonnell) was retained by American Transmission Systems, Incorporated (ATSI), a FirstEnergy company, to perform a cultural resources desktop review for the proposed Lemoyne to Midway 138 kilovolt (kV) transmission line reconductoring project (Project) located in Henry, Lucas, and Wood Counties, Ohio (Figure 1). On November 28, 2016, a review of National Register of Historic Places (NRHP) properties, archaeological sites, historic structures, and cemeteries was conducted through the Ohio State Historic Preservation Office (OHPO) online mapping system (Table 1).

Within 1,000 feet of the centerline of the Project, no NRHP properties, 1 cemetery, 20 archaeological sites, and 15 historic structures are recorded (Figure 2). None of the cultural resources are within the 100-foot wide construction corridor.

Sincerely,

Kimberly House
Cultural Resource Specialist

Attachments
Figure 1
Table 1
Figure 2

cc: Mary Cargill, FirstEnergy
Ryann Loomis, Burns & McDonnell
Robert Everard, Burns & McDonnell

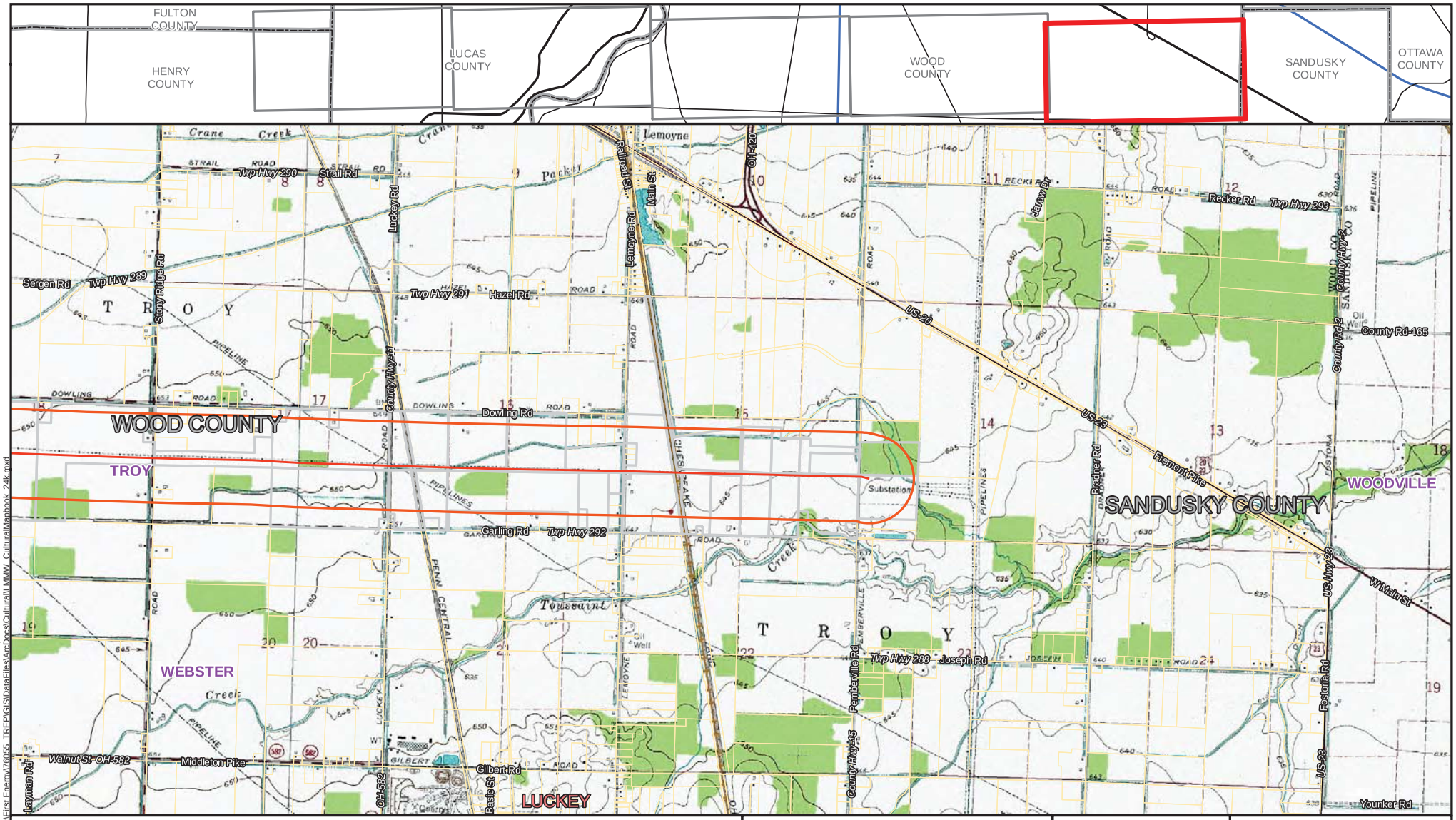
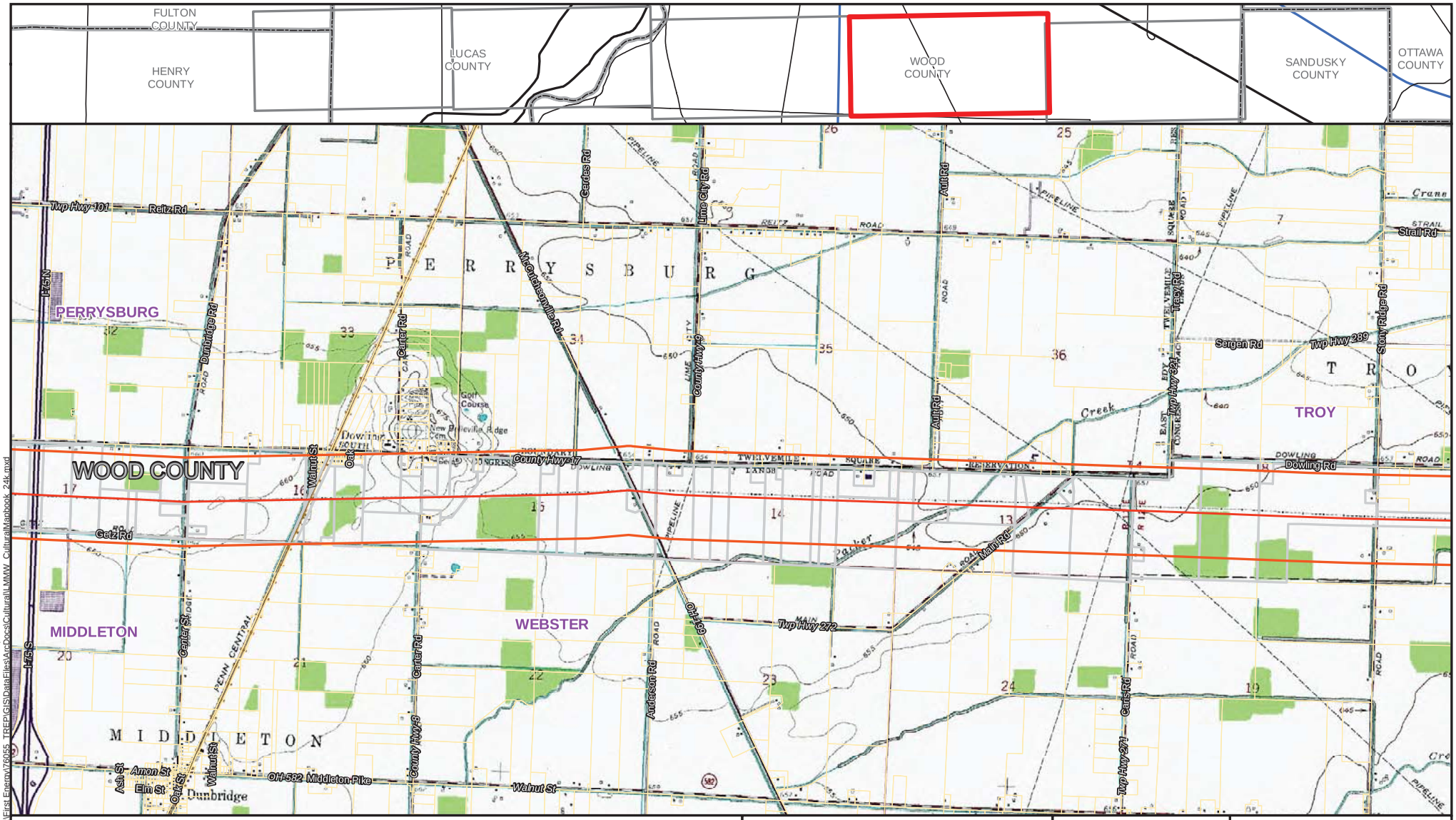


Figure 1
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 1 of 5

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\First Energy\76055_TREP\GIS\Data\Files\ArcDocs\Cultural\LMMV_CulturalMapbook_24k.mxd

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017



Route Alignment
1000 ft Buffer
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 1,000 2,000 4,000 Feet

N

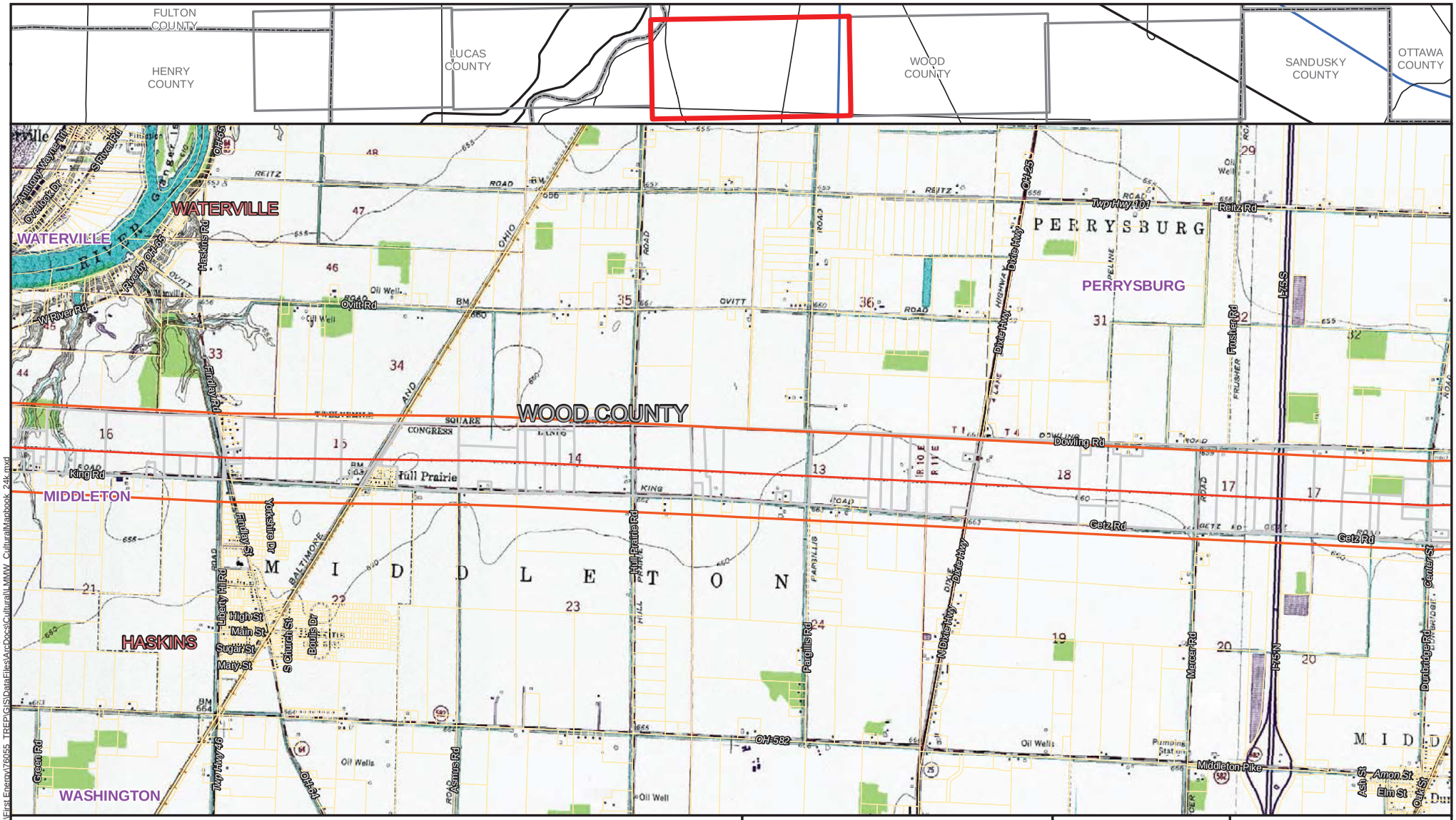
FirstEnergy

Figure 1
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 2 of 5

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\First Energy\76055_TREPG\GIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalManbook_24k.mxd

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017



Route Alignment
1000 ft Buffer
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 1,000 2,000 4,000 Feet

N

FirstEnergy

Figure 1
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 3 of 5

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\First Energy\76055 TREPGIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalMapbook_24k.mxd

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

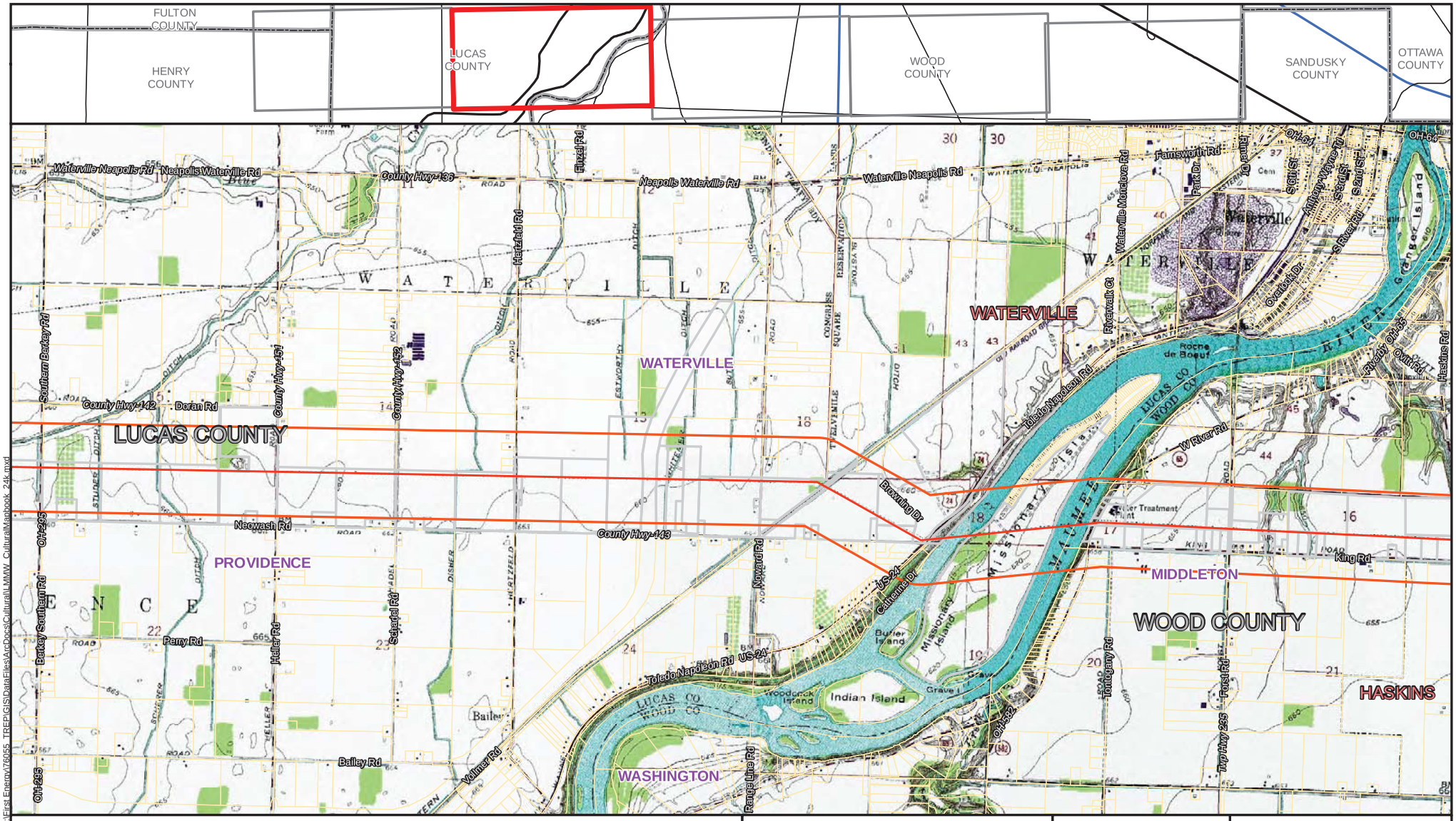
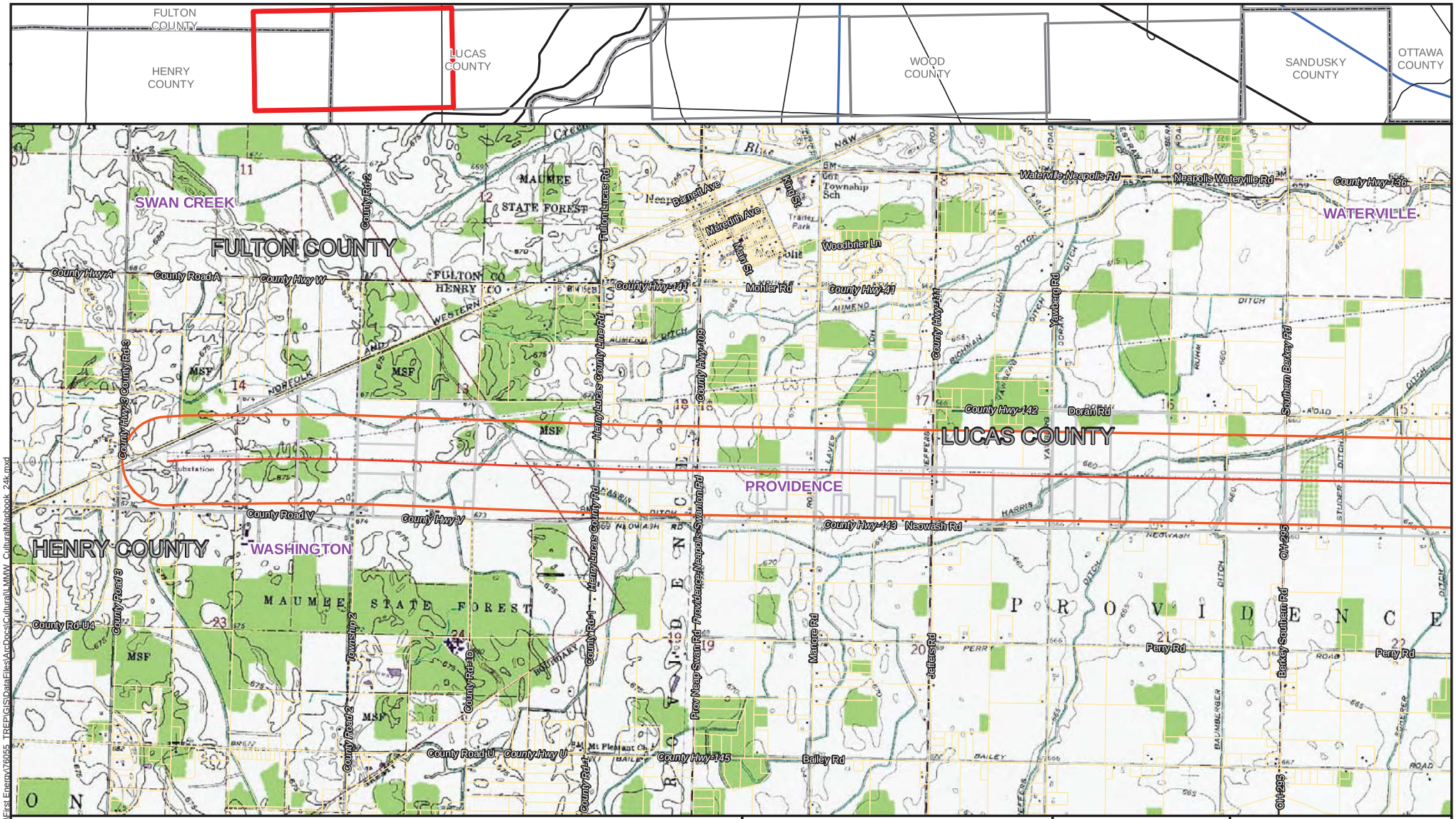


Figure 1
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 4 of 5

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\FirstEnergy\76055_TREPGIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalMapbook_24k.mxd

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017



Route Alignment
1000 ft Buffer
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 1,000 2,000 4,000 Feet

N

FirstEnergy

Figure 1
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 5 of 5

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\First Energy\76055_TREP\GIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalManbook_24k.mxd

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

Table 1. Cultural Resources within 1,000 Feet of Centerline

Resource Type	Resource Number	Resource Name	Comments
Cemetery		Belleville Ridge – Old Dowling Cemetery	
Archaeological Site	33HY0269		Prehistoric
	33HY0272		Prehistoric
	33LU0214		Prehistoric
	33LU0215		Prehistoric
	33LU0245		Prehistoric
	33LU0349		Prehistoric
	33LU0350		Prehistoric
	33WO0017		Prehistoric
	33WO0034		Prehistoric
	33WO0045		Prehistoric
	33WO0057		Prehistoric
	33WO0101		Prehistoric
	33WO0102		Prehistoric
	33WO0233		Prehistoric
	33WO0455		Prehistoric
	33WO0456		Prehistoric
	33WO0473		Prehistoric
	33WO0474		Prehistoric
	33WO0475		Prehistoric
	33WO0476		Prehistoric
Historic Structure	LUC0400617	Baldwin Farm	
	LUC0400717	Thomas Gray Farm	
	LUC0400817		
	LUC0401017	Bialecki House/ Lloyd Lauer Farm	
	LUC0401117		
	LUC0407718		
	LUC0407818	Campagna Farm/ Noward House	
	LUC0407918	Noward Barn	
	LUC0410417	Barber House/ Lewis Yawberg Farm	
	LUC0410517	Perry House/ John Yawberg House	
	LUC0411017	Keller Barn	
	LUC0411217	Studer Barn	
	LUC0411717		
	LUC0411918		
	WOO0005303	James German Farm/ Spafford Farm	

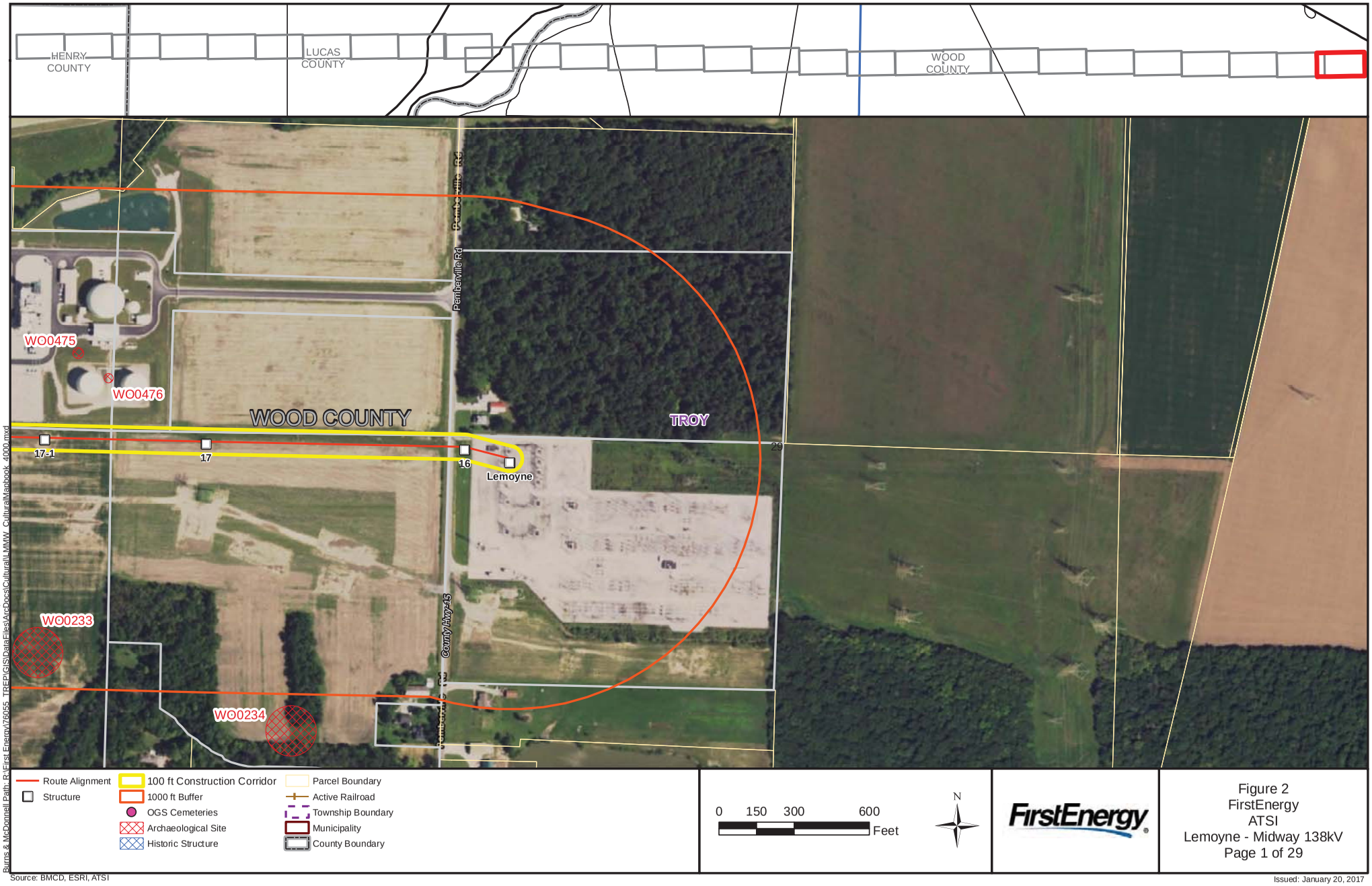


Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 1 of 29

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\First Energy\76055_TRE\GIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalManbook_4000.mxd

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

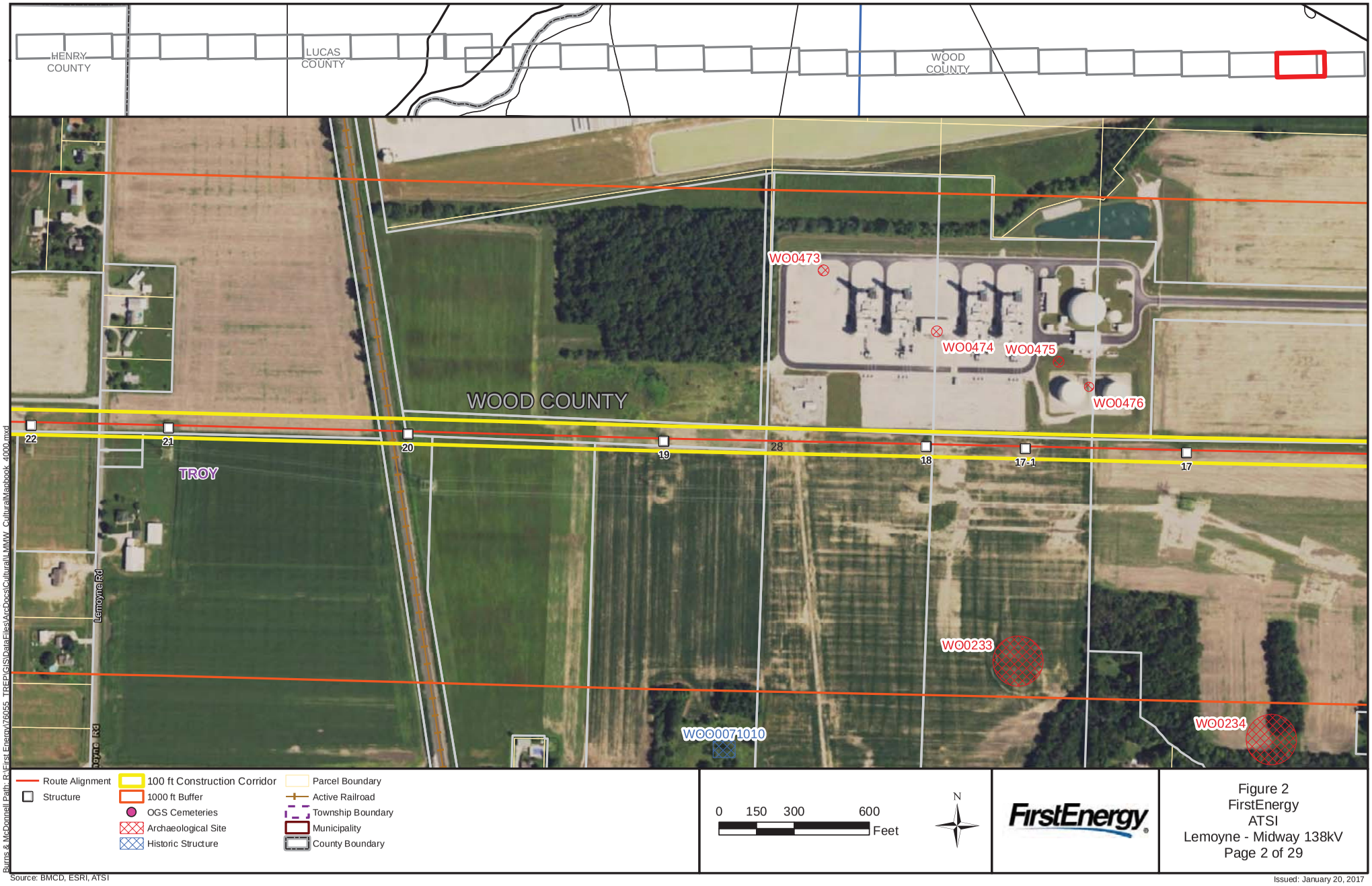


Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 2 of 29

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\FirstEnergy\76055_TREPGIS\DataFiles\ArcDocs\Cultural\LMMW_CulturalMapbook_4000.mxd

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

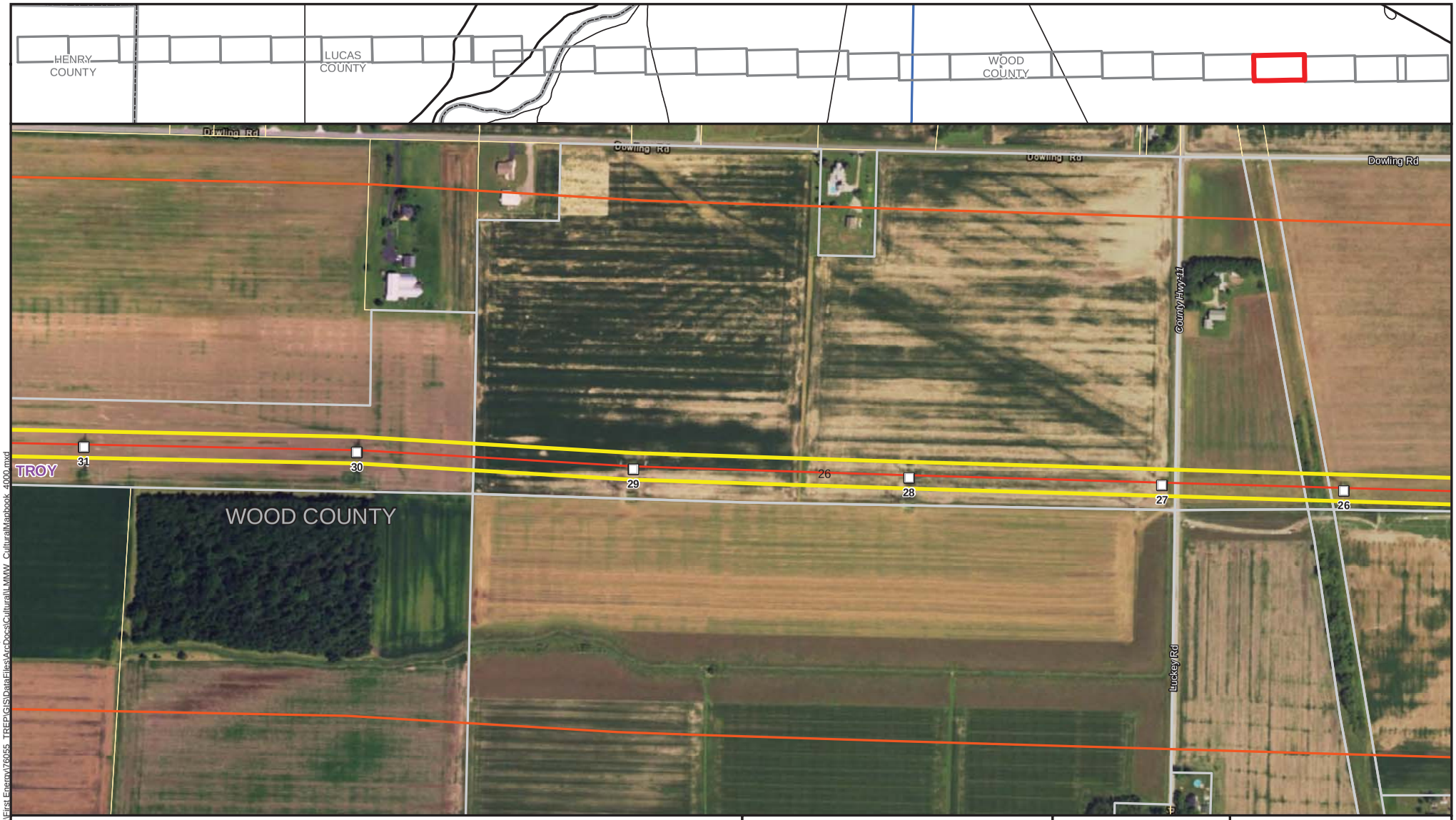
FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 3 of 29

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\FirstEnergy\76055_TR\GIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalManbook_4000.mxd



Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 4 of 29

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\FirstEnergy\76055_TREP\GIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalManbook_4000.mxd

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 5 of 29

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\First Energy\76055_TREPGIS\DataFiles\ArcDocs\Cultural\LMMW_CulturalManbook_4000.mxd

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

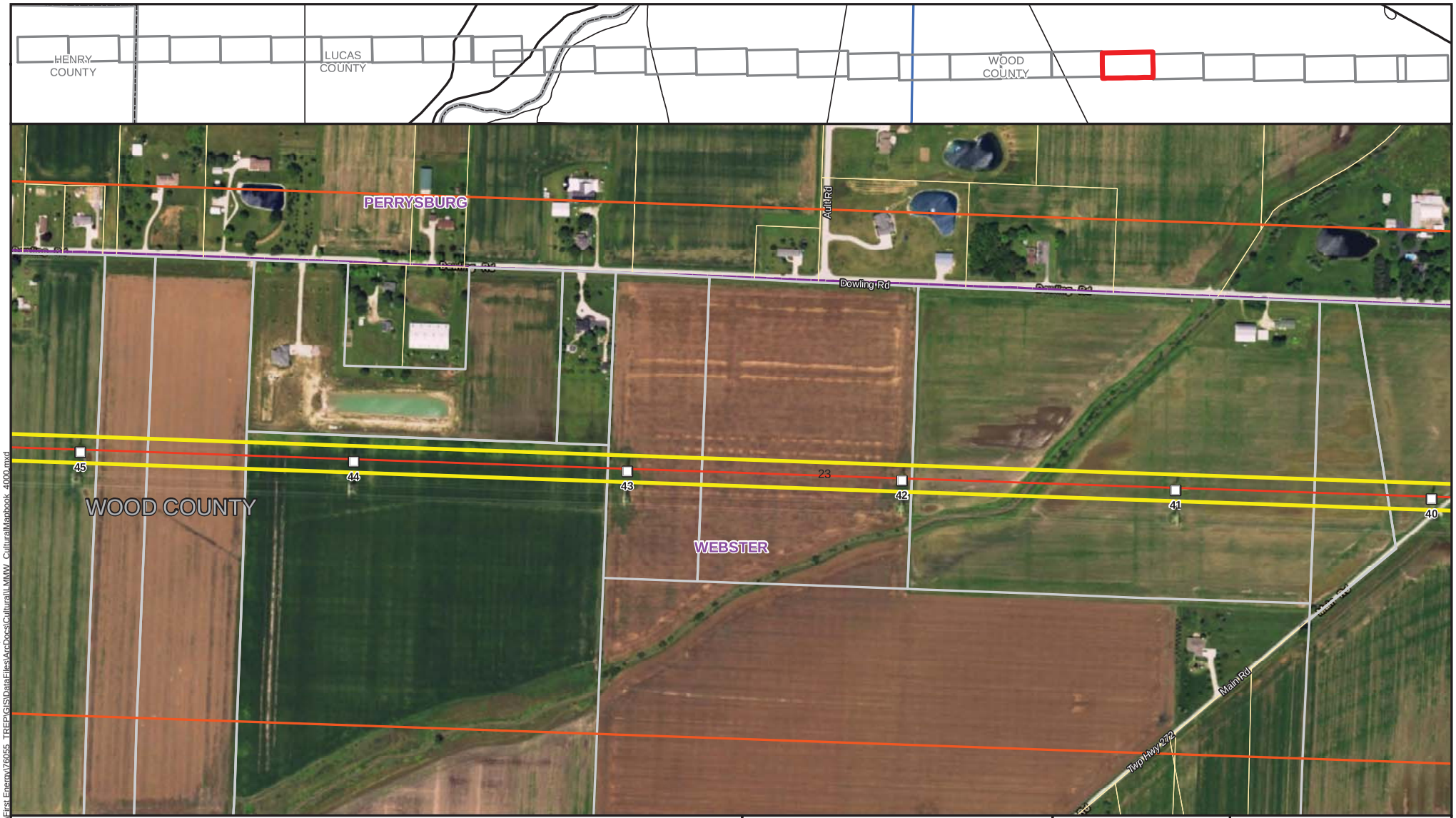
FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 6 of 29

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\First Energy\76055_TREPG\SI\Data\Files\ArcDocs\Cultural\LMMW_CulturalManbook_4000.mxd



Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

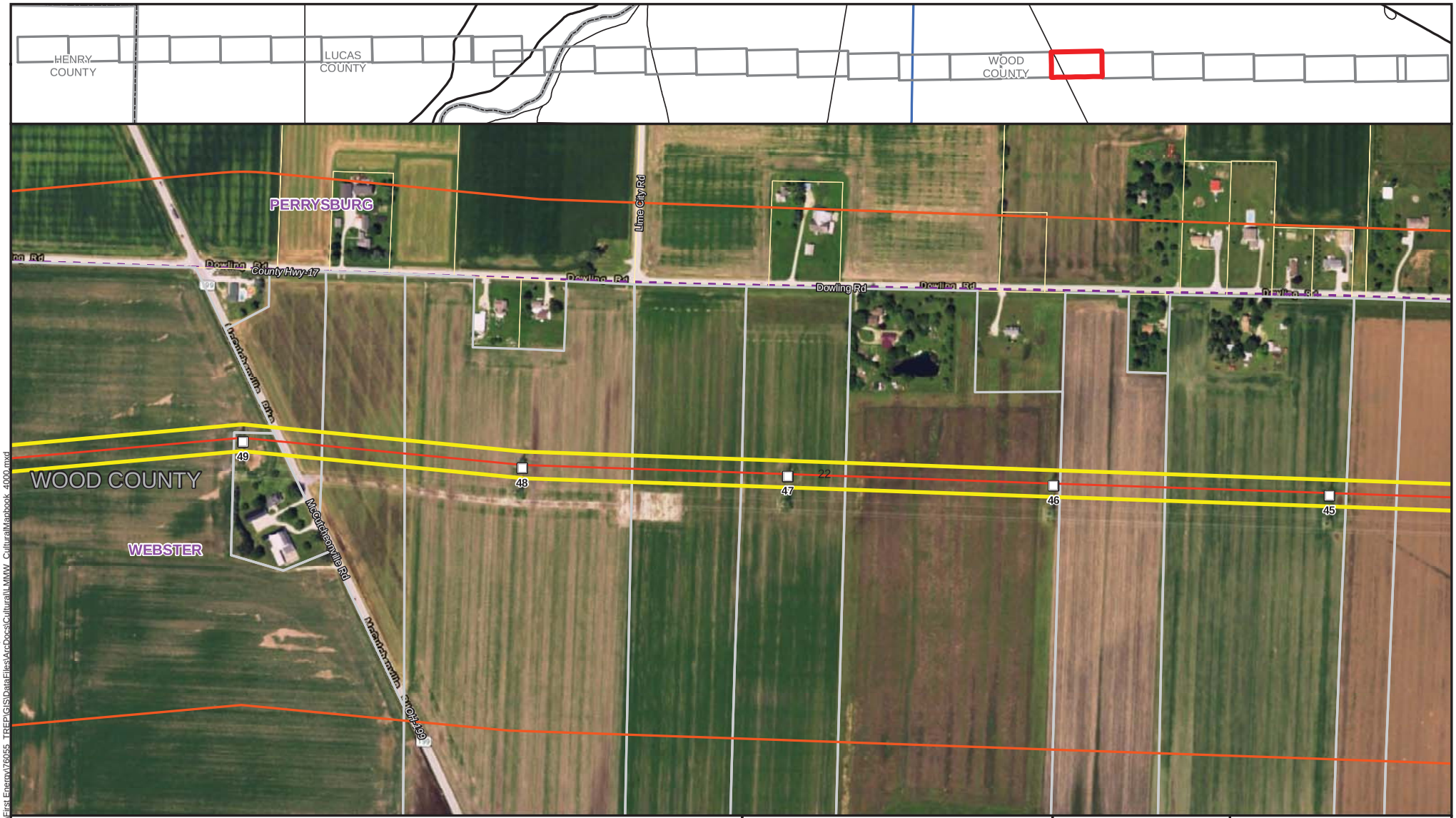
FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 7 of 29

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\FirstEnergy\76055_TREPGIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalManbook_4000.mxd



Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

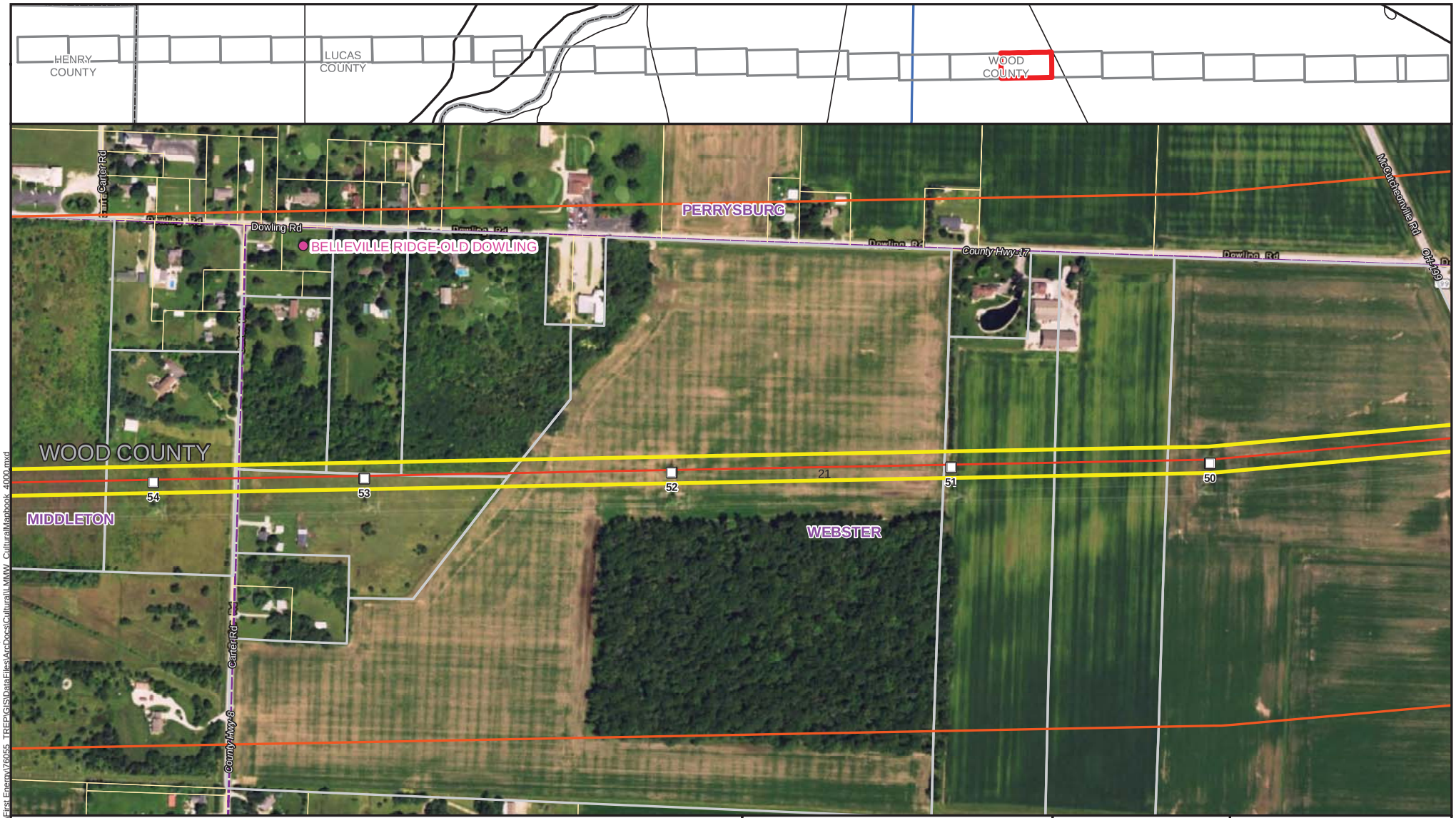
FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 8 of 29

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\FirstEnergy\76055_TREPGIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalMapbook_4000.mxd

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017



Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

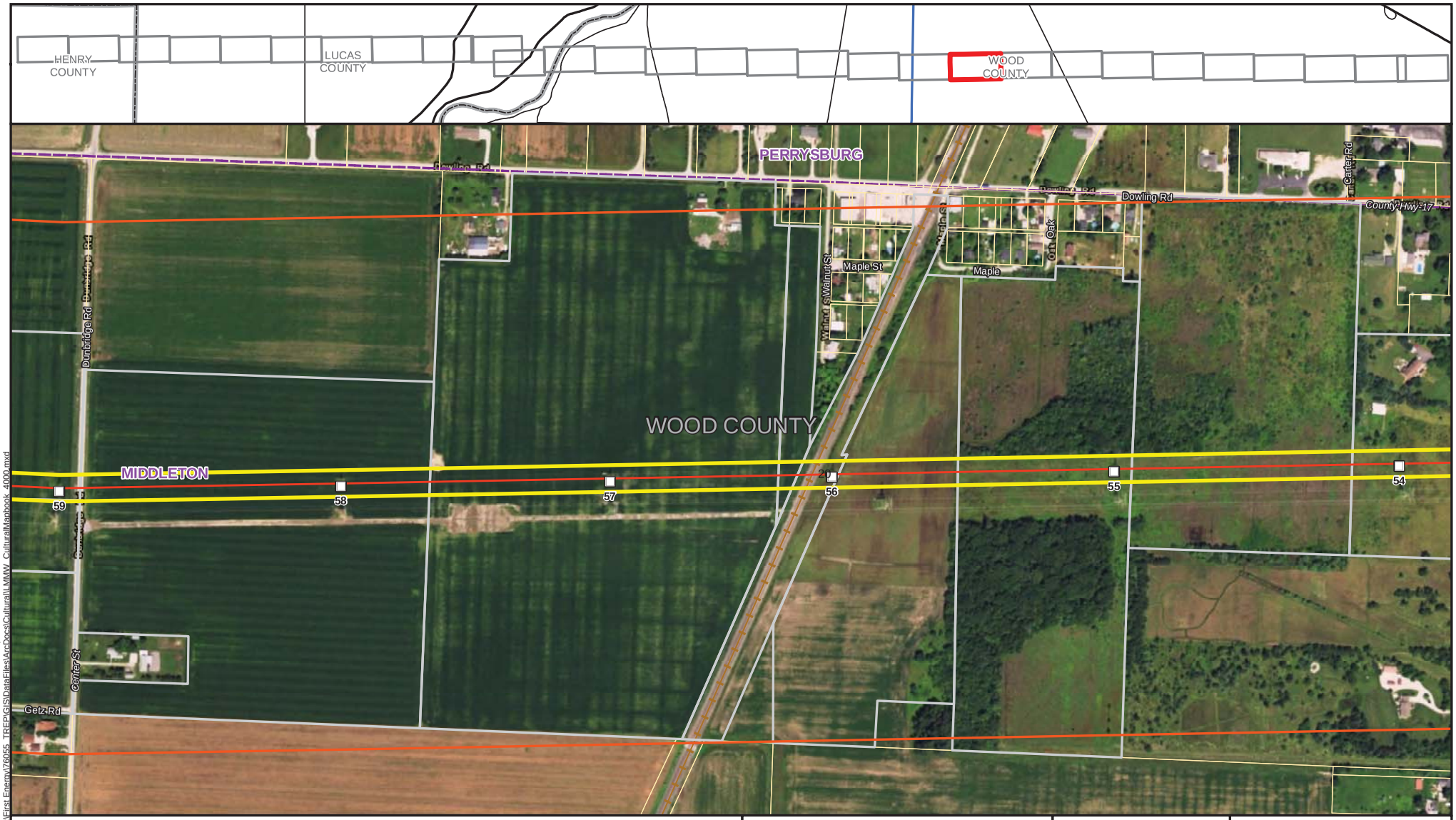
FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 9 of 29

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\First Energy\76055_TREP\GIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalMapbook_4000.mxd

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017



Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

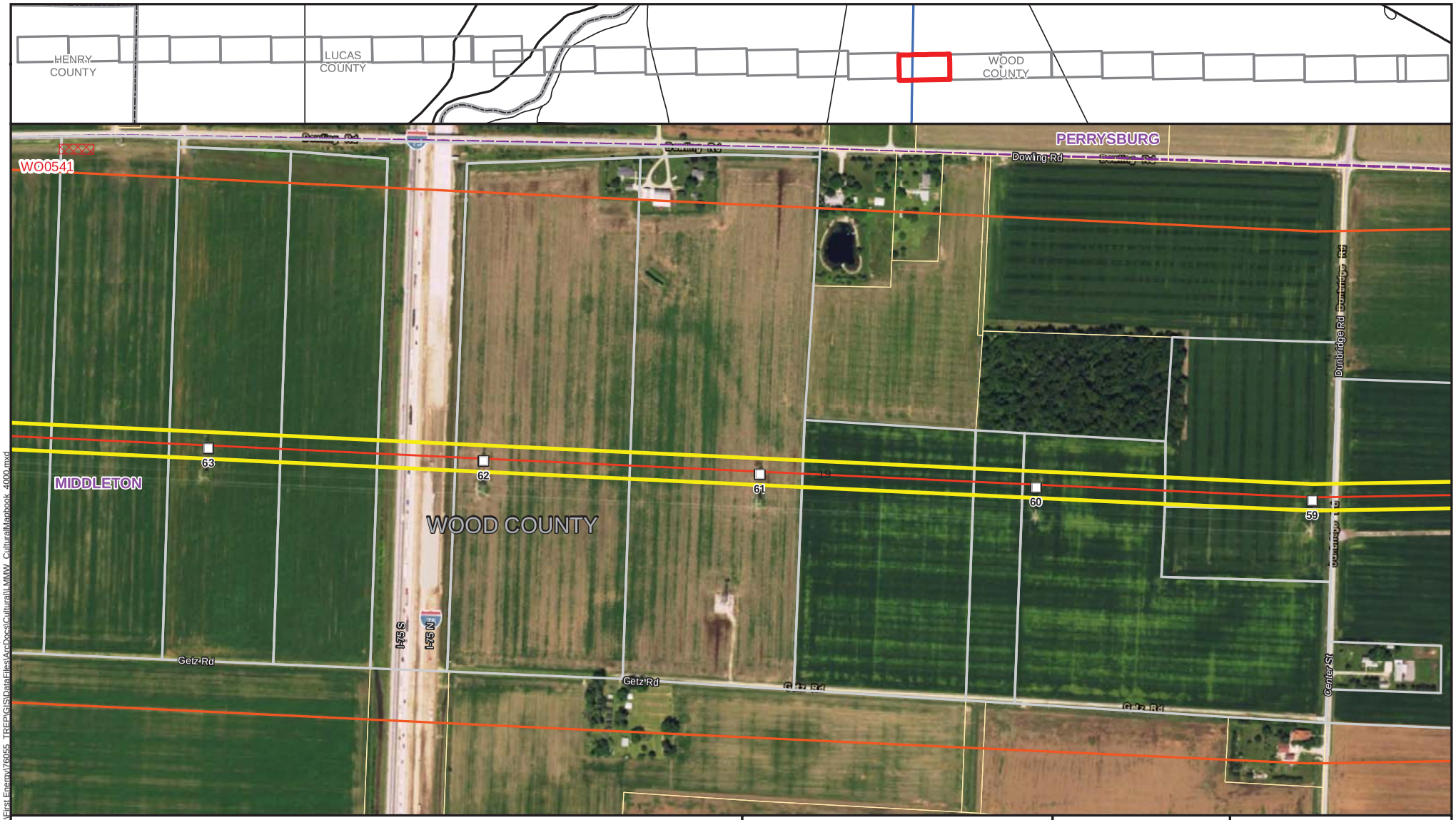
FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 10 of 29

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\FirstEnergy\76055_TREPGIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalManbook_4000.mxd



Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 11 of 29

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\FirstEnergy\76055_TREPGIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalMapbook_4000.mxd

Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

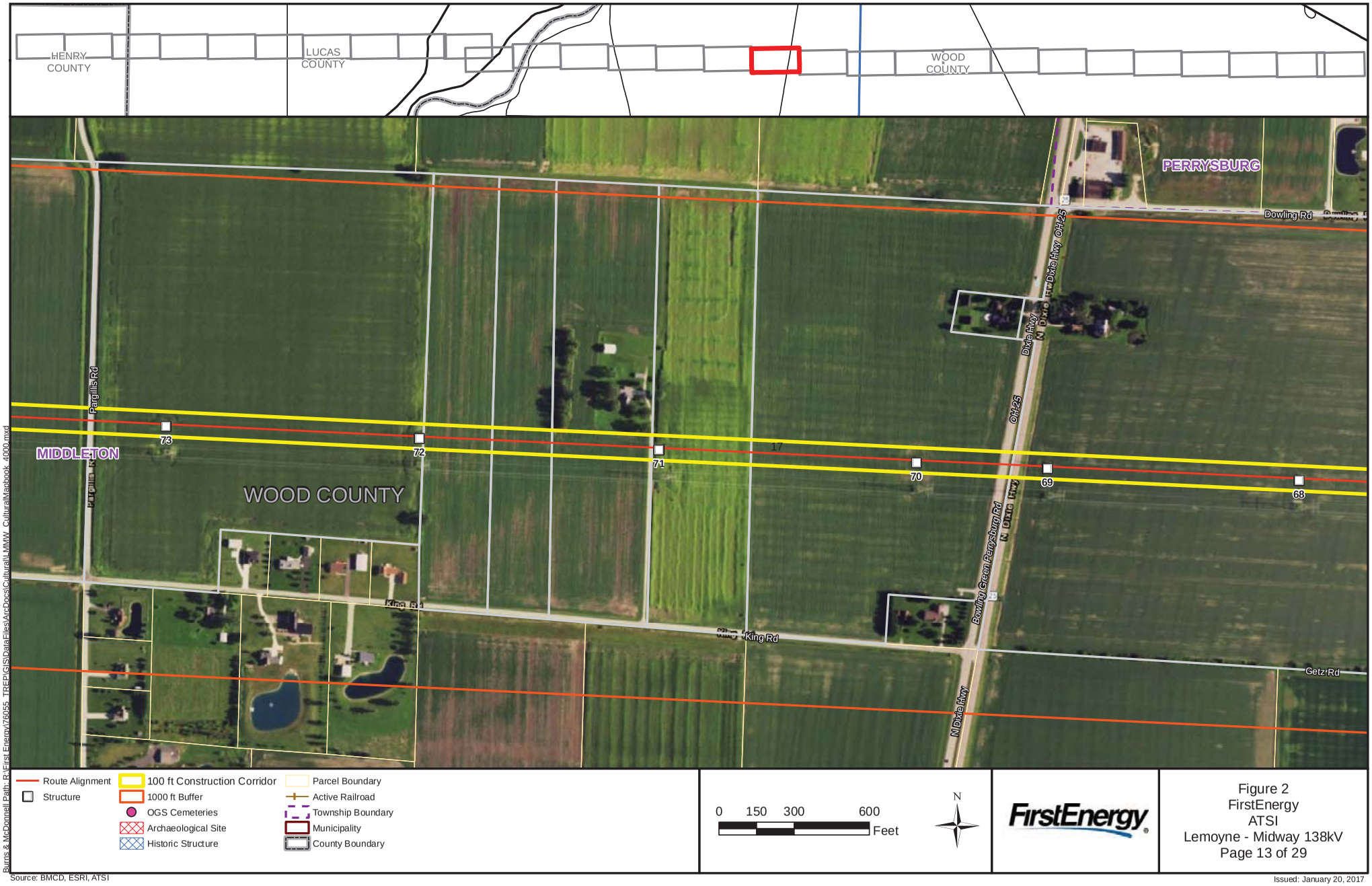
FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 12 of 29

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\FirstEnergy\76055_TREPGIS\Data\Files\ArcDoc\Cultural\LMMW_CulturalManbook_4000.mxd

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017



COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\First Energy\76055_TREPG\S\Data\Files\ArcDocs\Cultural\LMMV_CulturalMapbook_4000.mxd

Source: BMCD, ESRI, ATSI

FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 13 of 29

Issued: January 20, 2017

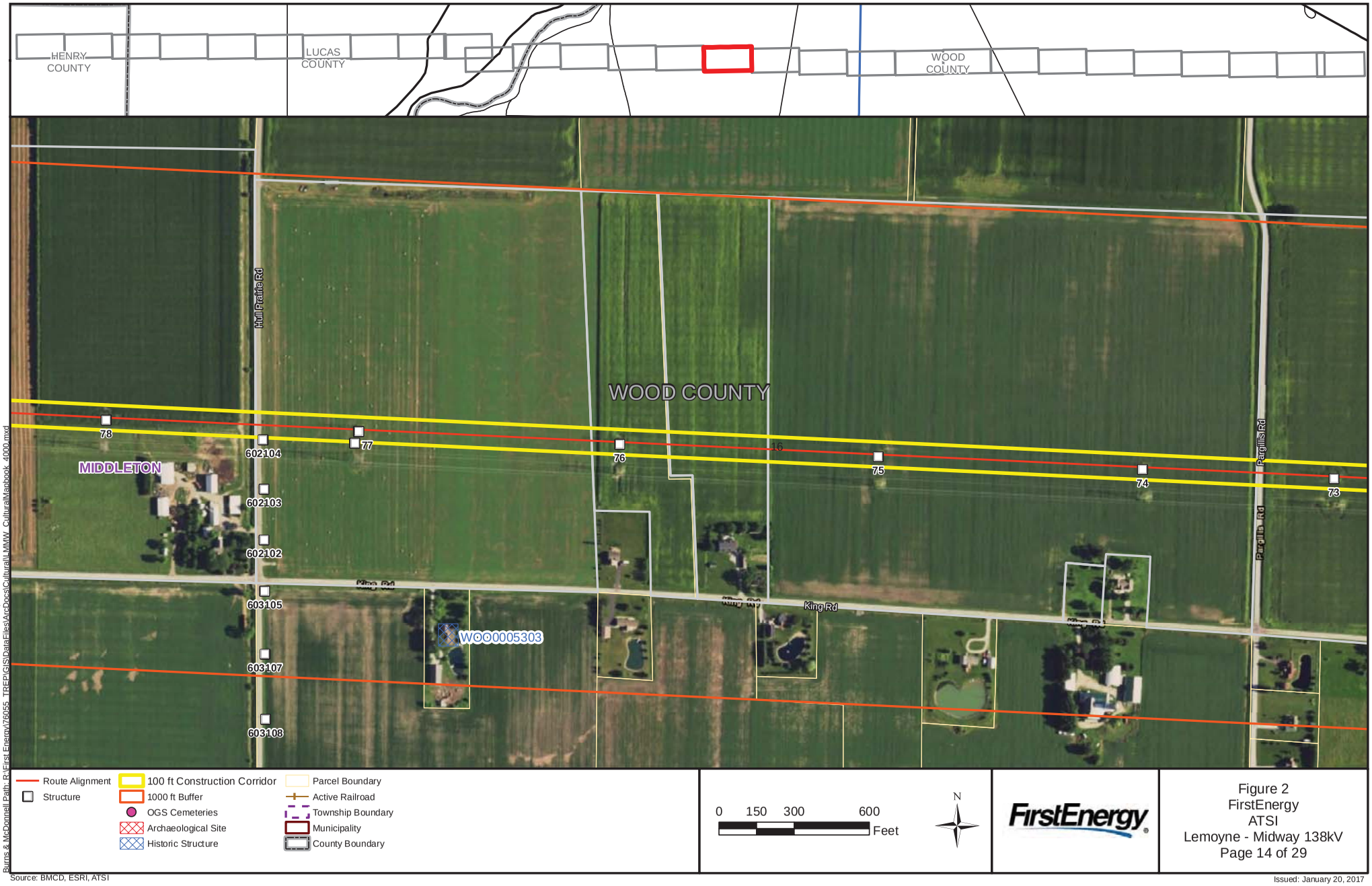
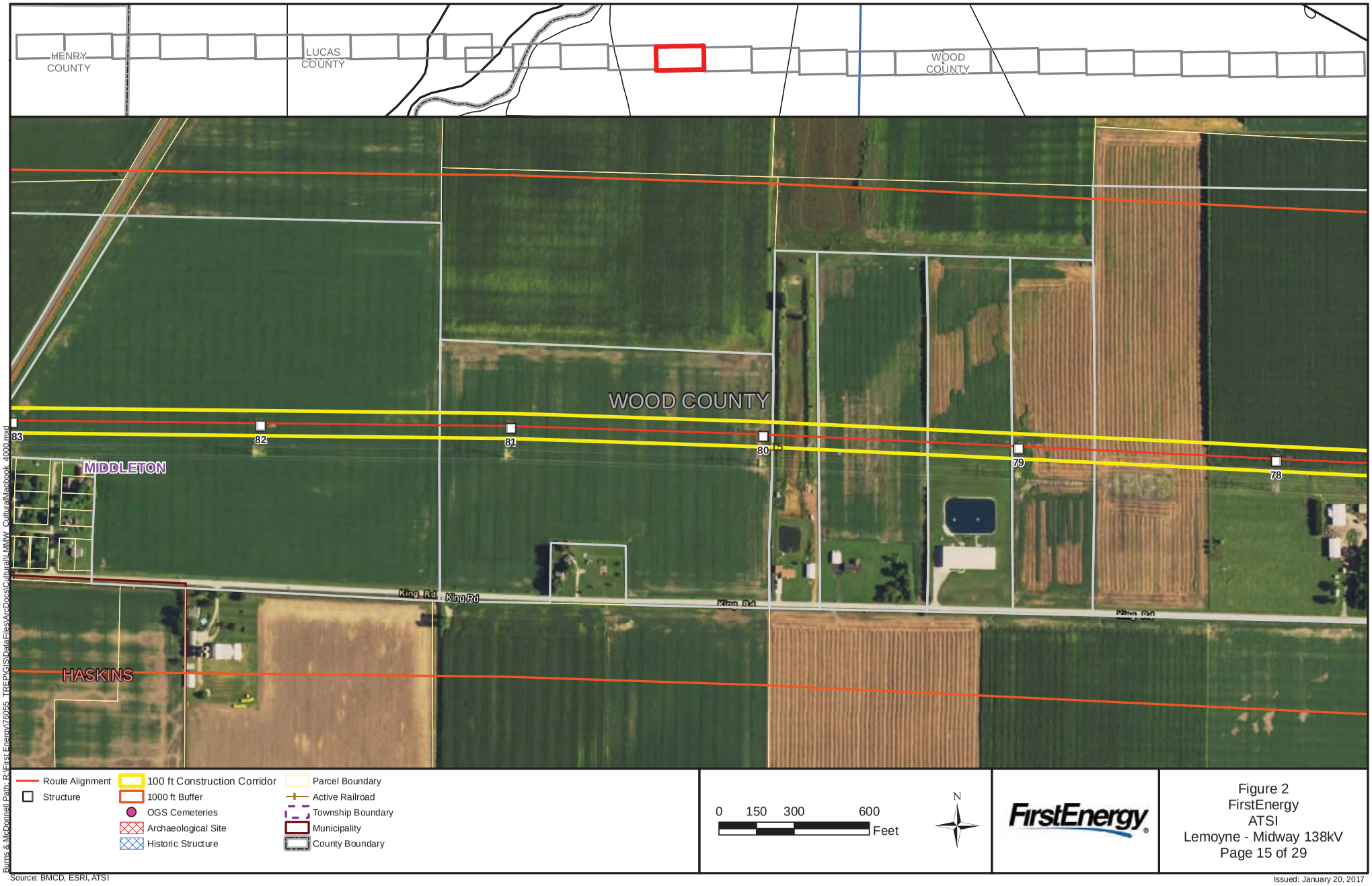


Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 14 of 29

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\FirstEnergy\76055_TREPGIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalManbook_4000.mxd

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017



Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

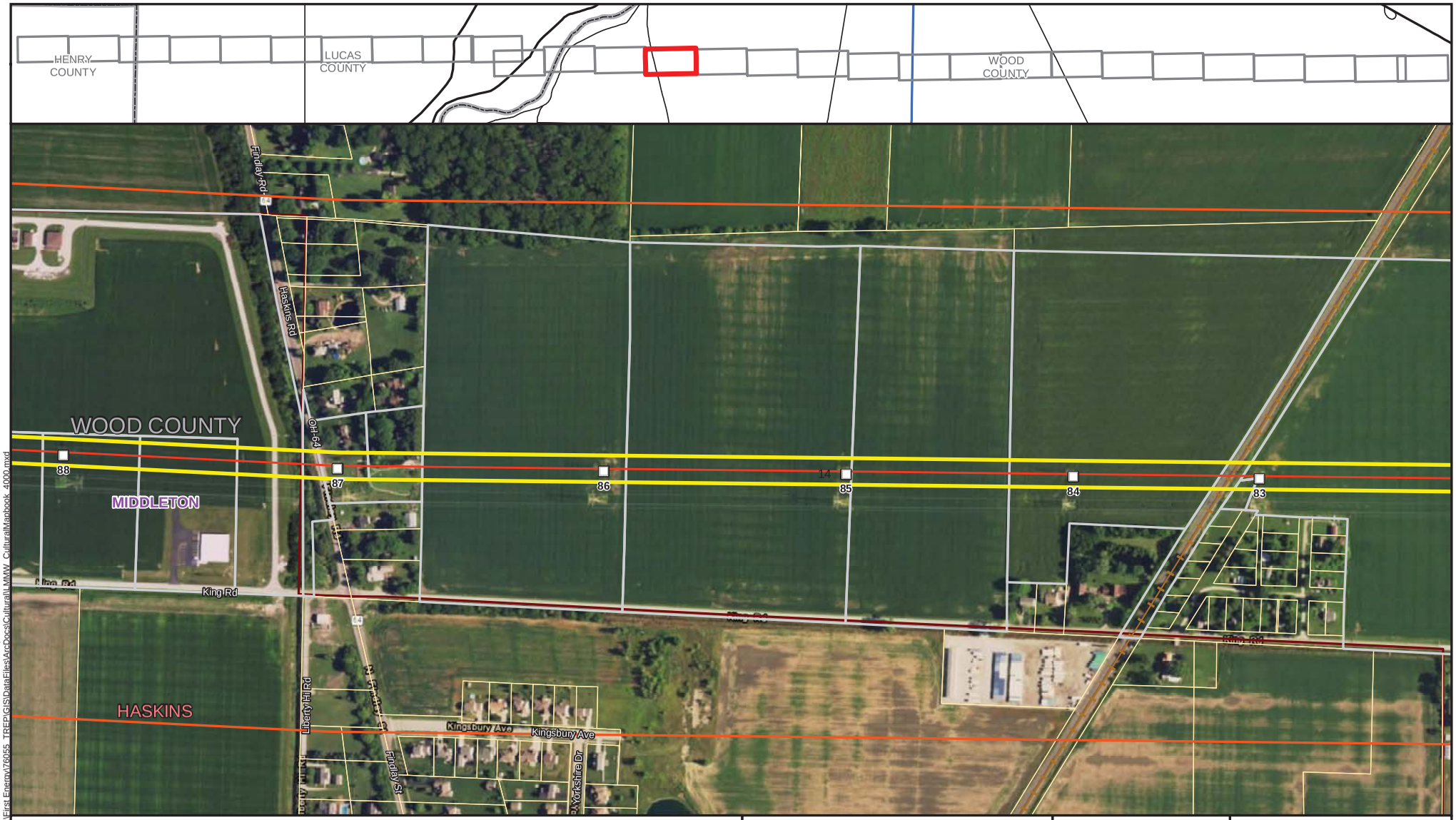
FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 15 of 29

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\First Energy\76055_TREPGIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalMapbook_4000.mxd



Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 16 of 29

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\First Energy\76055_TREPGIS\Data\Files\ArcDocs\Cultural\LMMV_CulturalManbook_4000.mxd

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

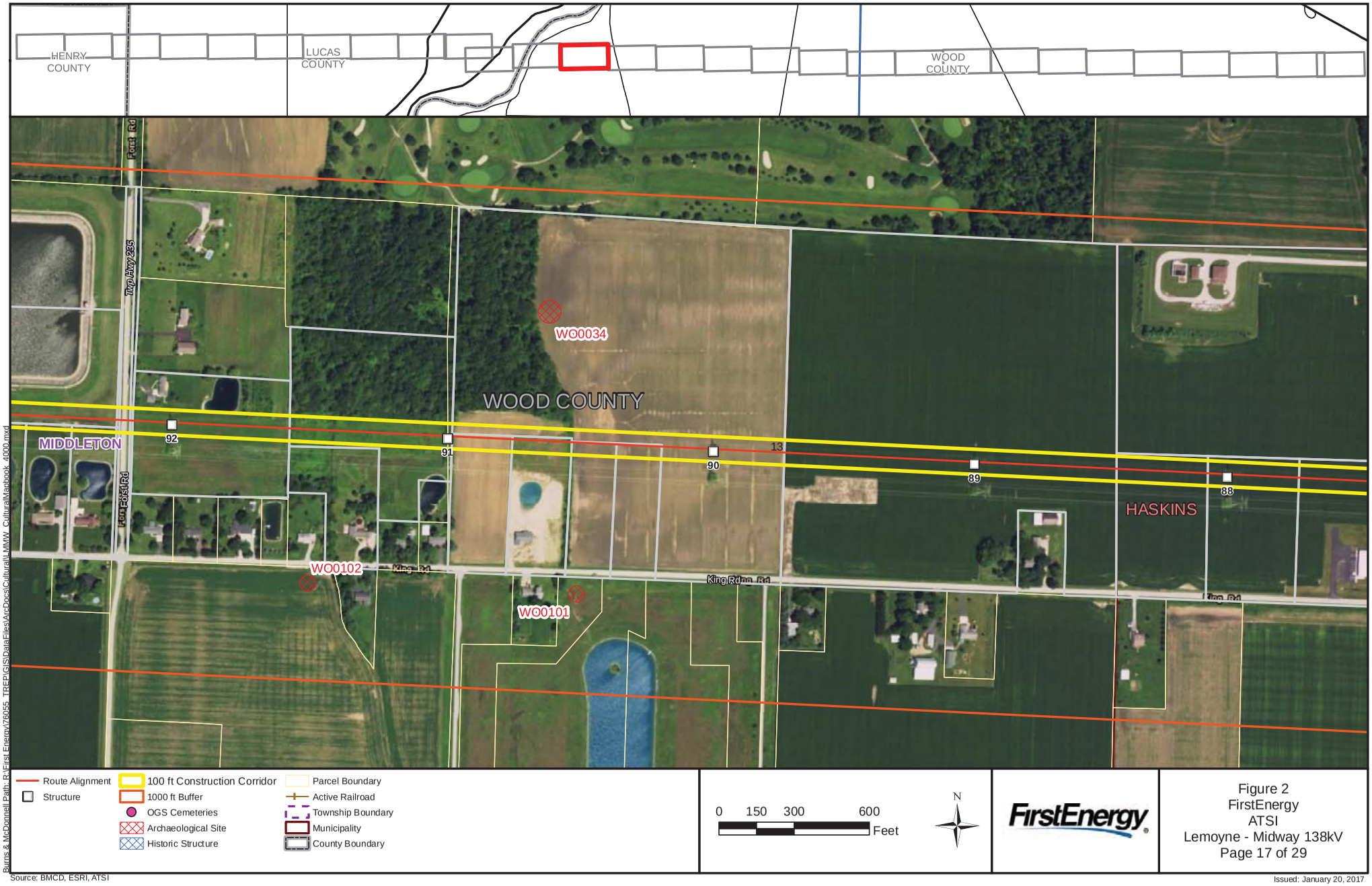
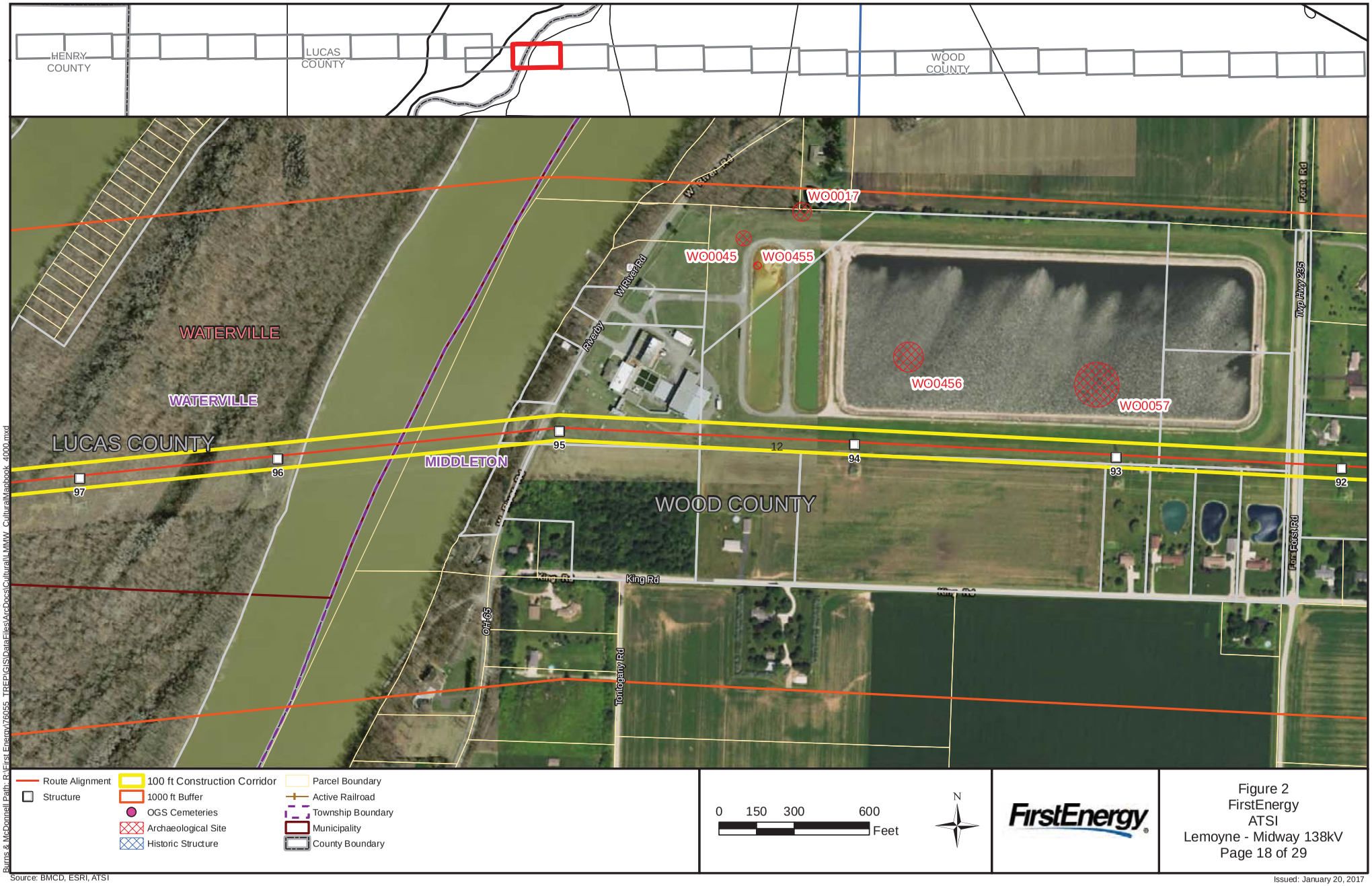


Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 17 of 29

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\First Energy\76055_TREPGIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalManbook_4000.mxd



Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 18 of 29

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\First Energy\76055_TREPGIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalMapbook_4000.mxd

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

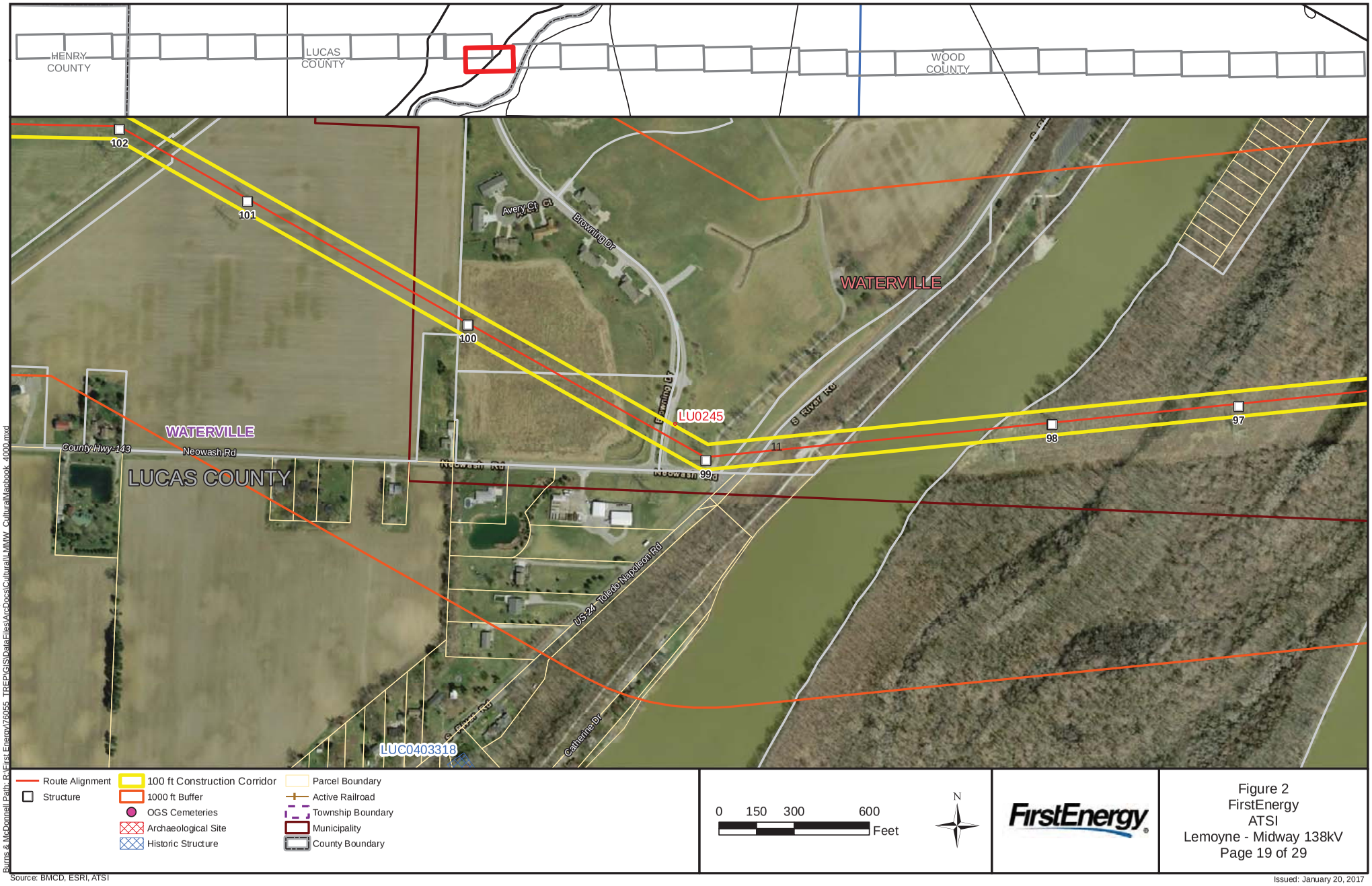
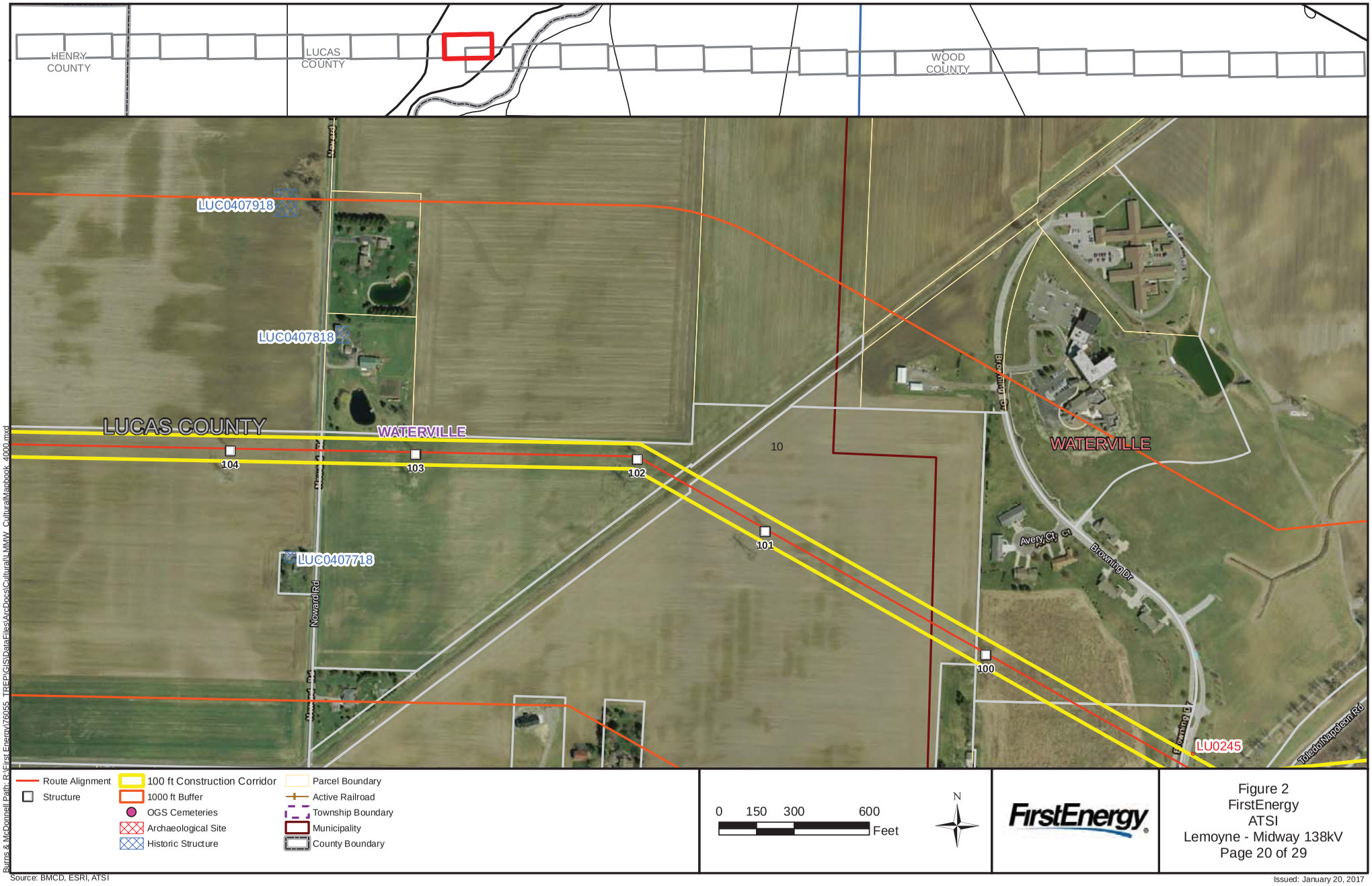


Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 19 of 29

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\FirstEnergy\76055_TREPGIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalManbook_4000.mxd

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017



COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\FirstEnergy\76055_TREPGIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalManbook_4000.mxd

Source: BMCD, ESRI, ATSI

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 20 of 29

Issued: January 20, 2017

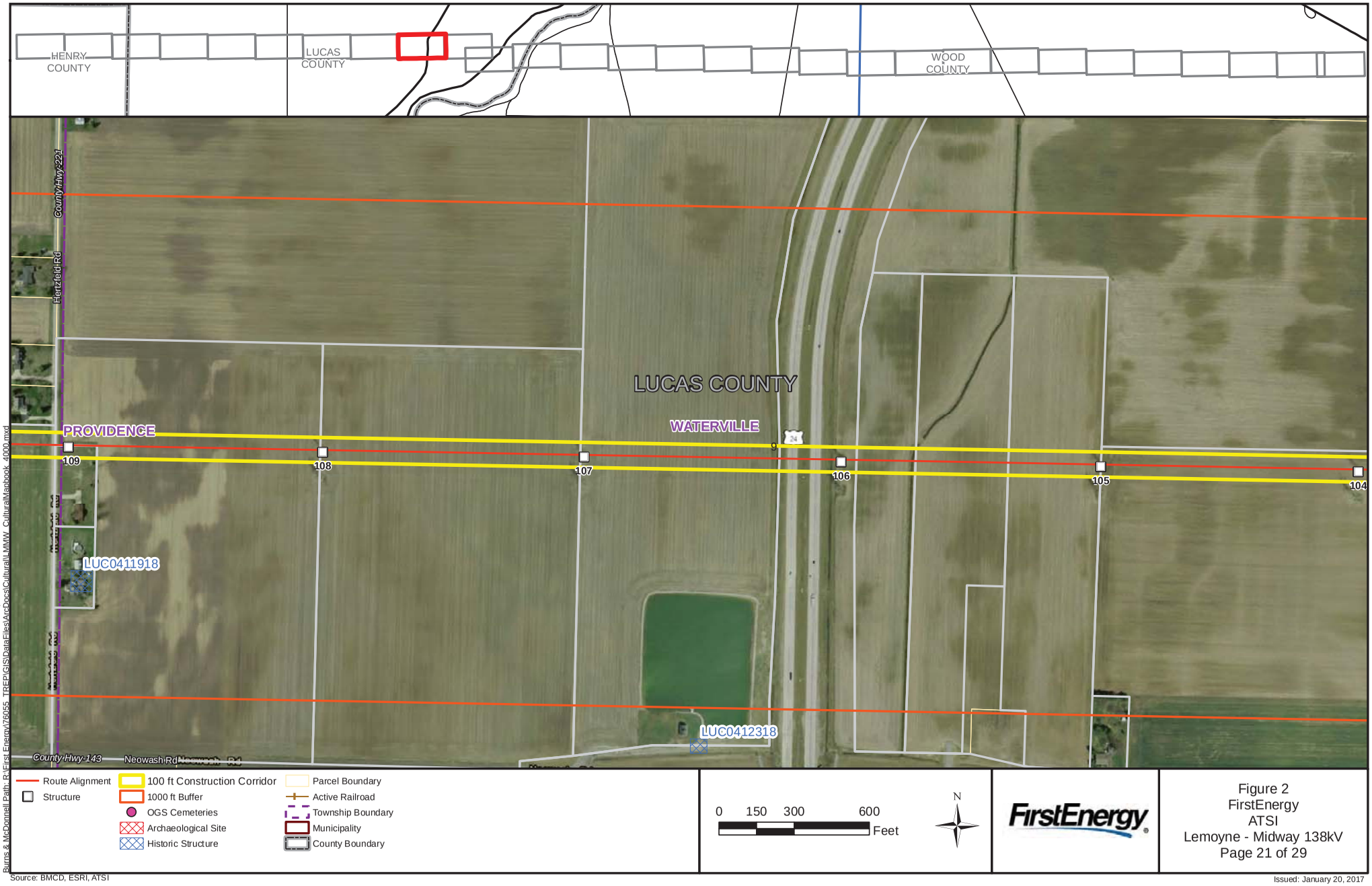
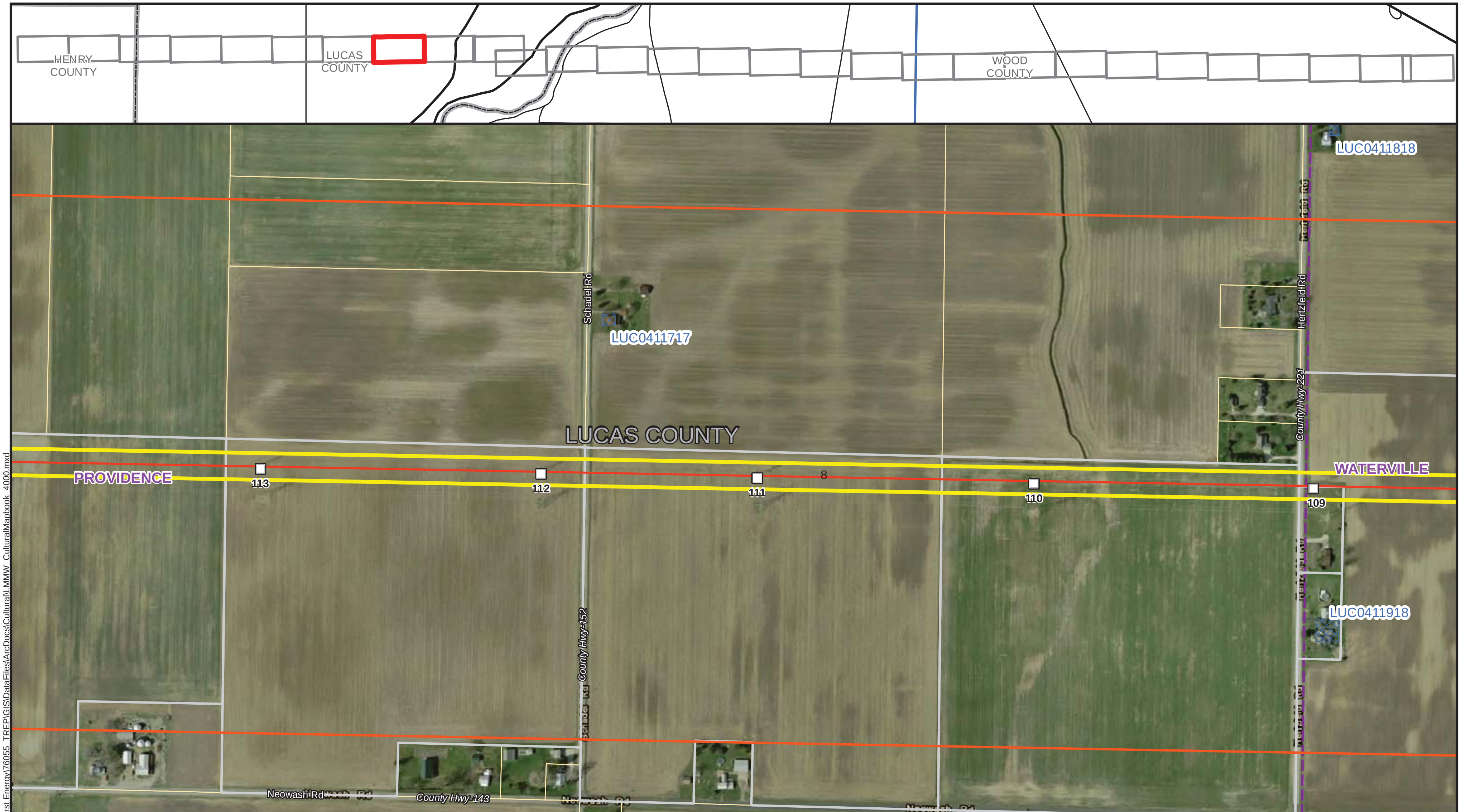


Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 21 of 29

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\First Energy\76055_TREPGIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalManbook_4000.mxd



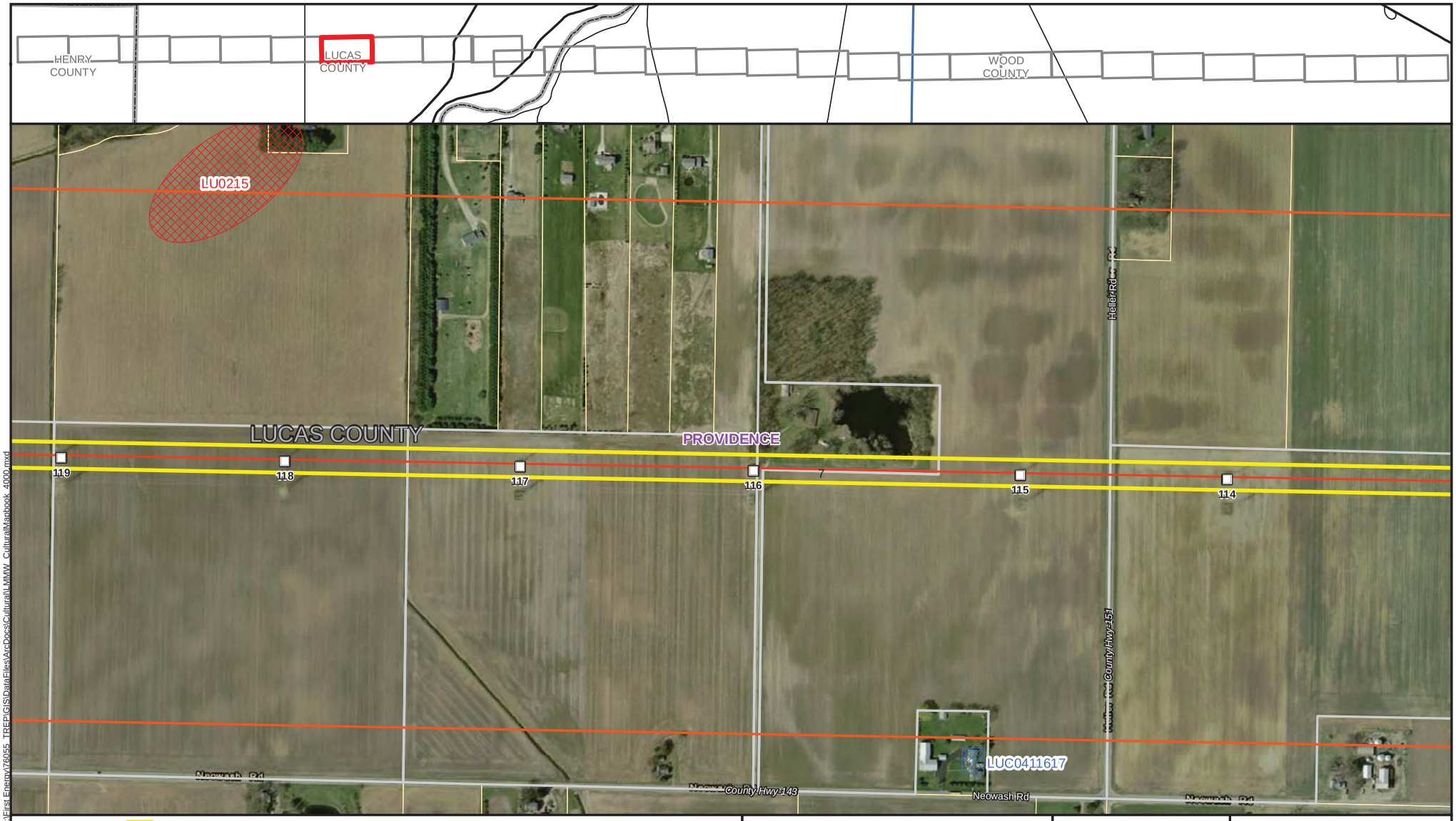
FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 22 of 29

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\First Energy\76055_TREP\GIS\DataFiles\ArcDocs\Cultural\LMMW_CulturalMapbook_4000.mxd



Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

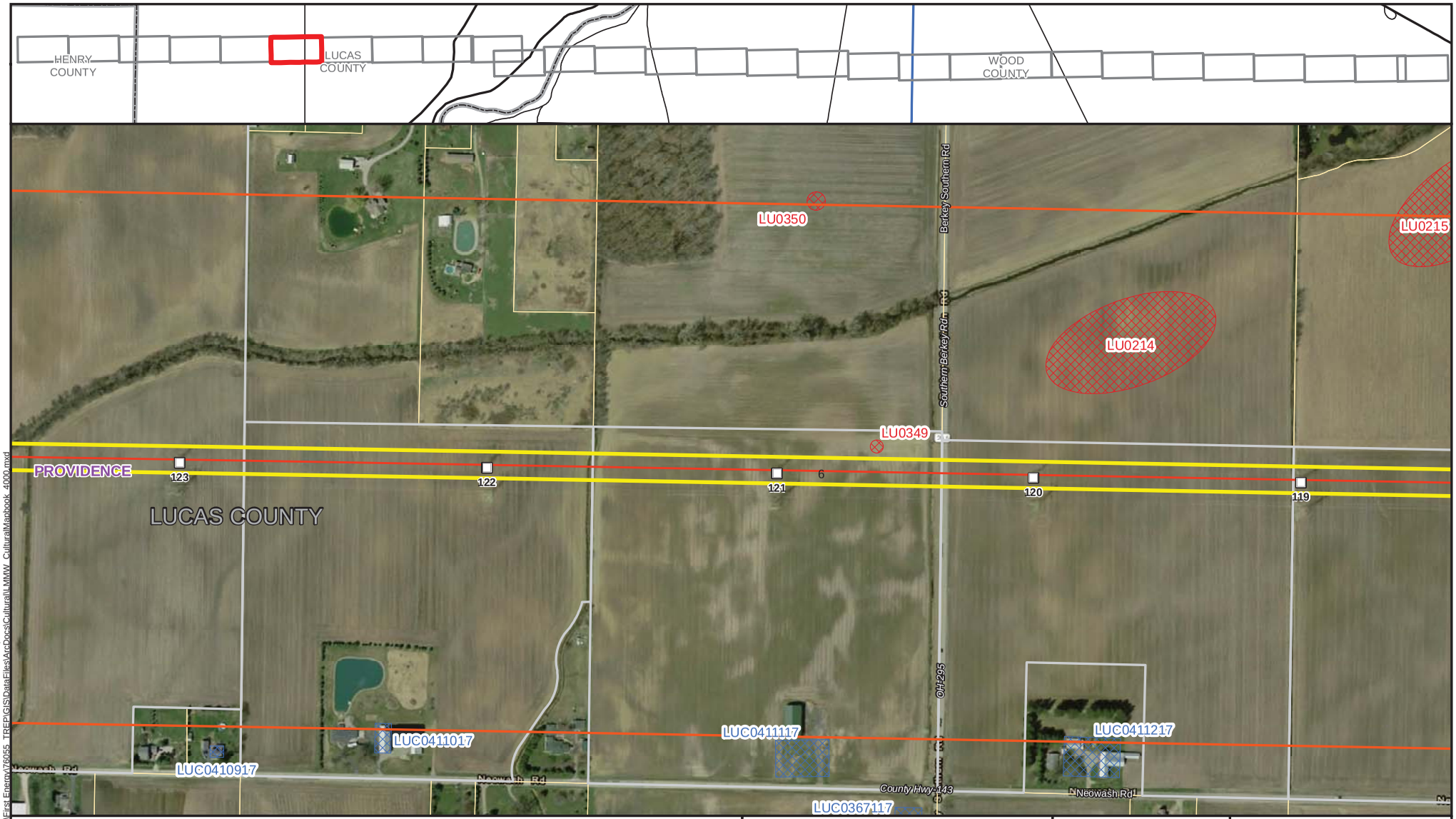
FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 23 of 29

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\First Energy\76055_TREPGIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalManbook_4000.mxd



Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 24 of 29

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\First Energy\76055_TREPGIS\Datafiles\ArcDocs\Cultural\LMMW_CulturalManbook_4000.mxd

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

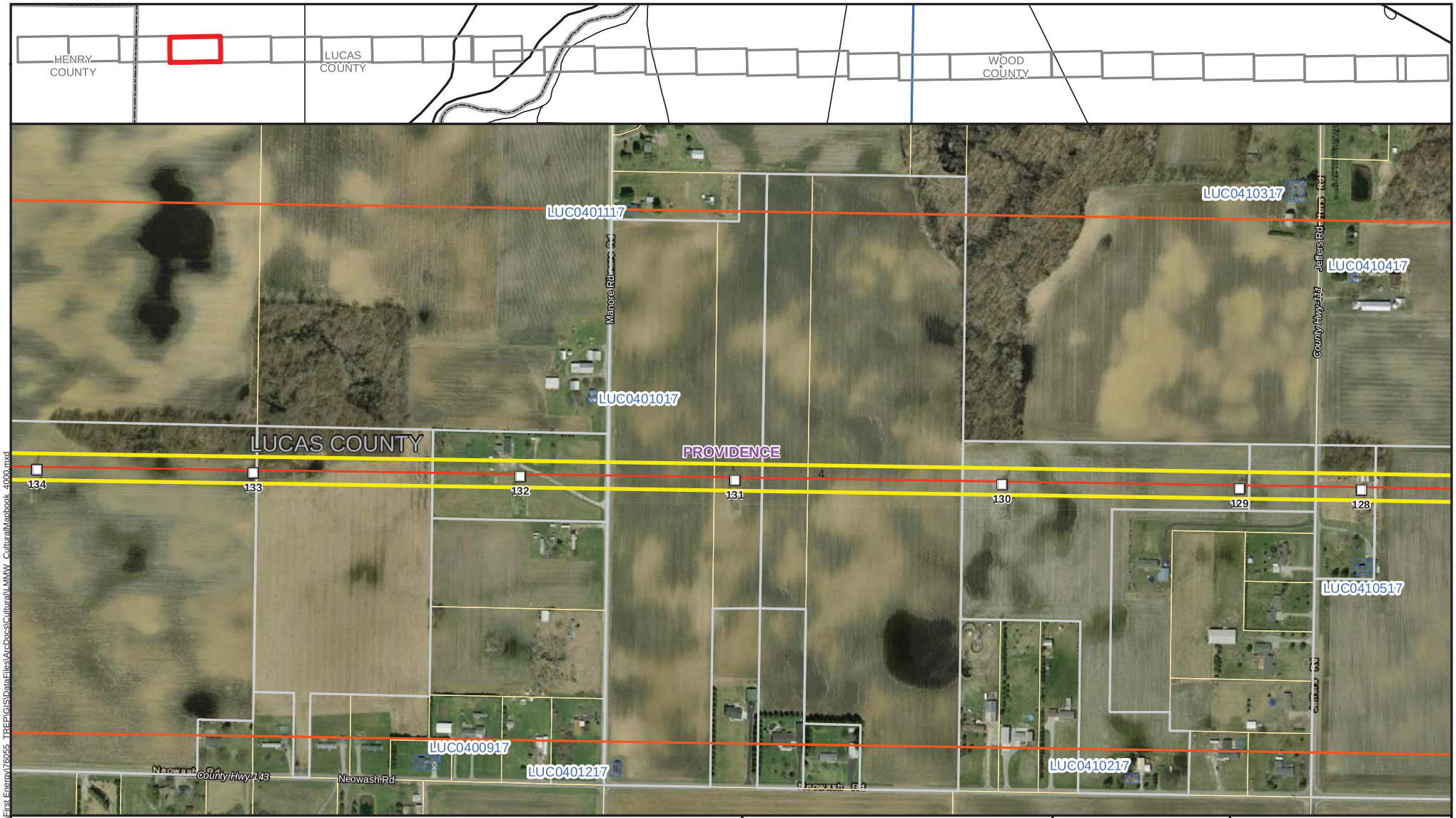
FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 25 of 29

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\FirstEnergy\76055_TREP\GIS\Data\Files\ArcDoc\Cultural\LMMW_CulturalManbook_4000.mxd



Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

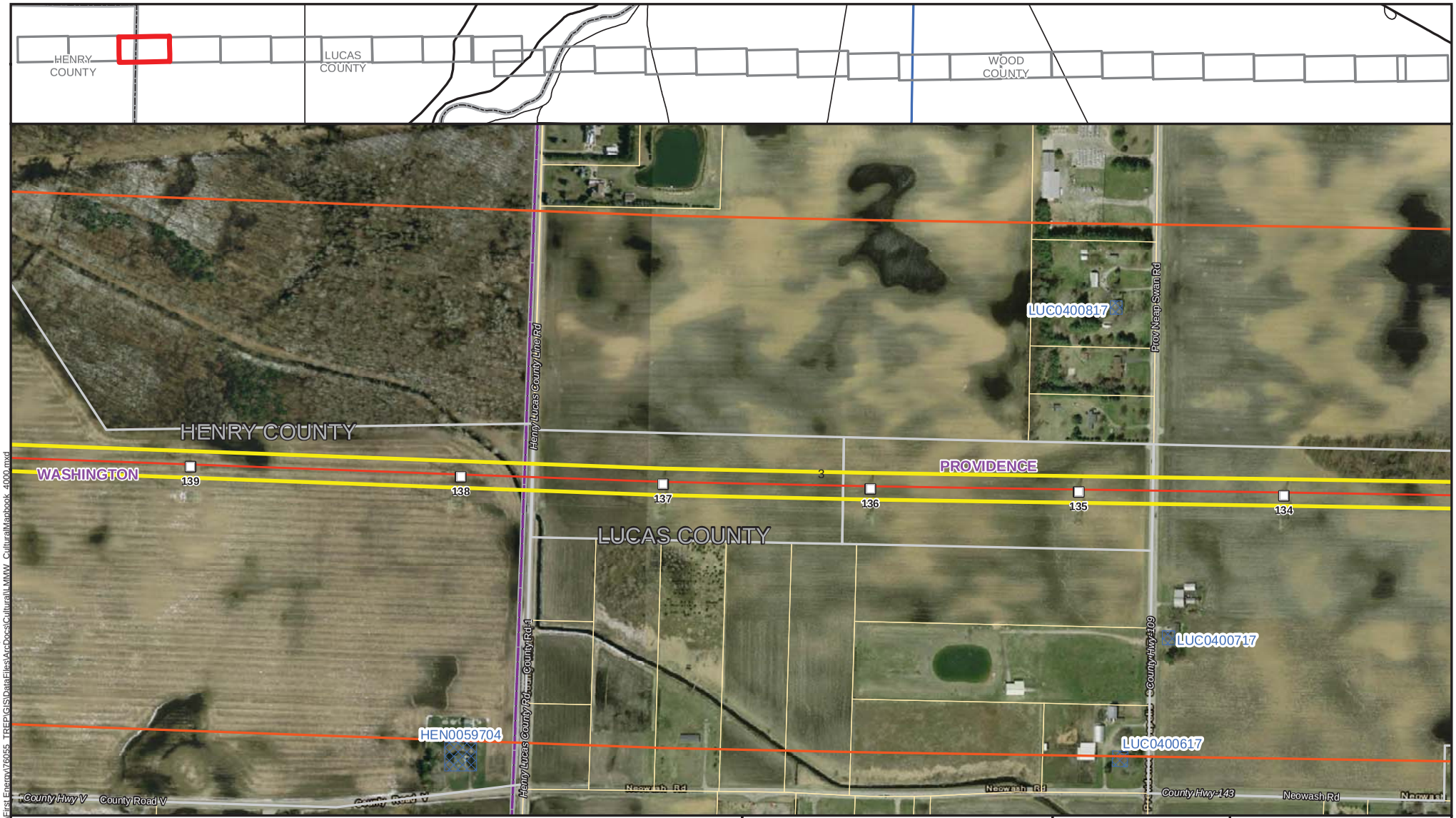
FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 26 of 29

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\FirstEnergy\76055_TREPGIS\Datafiles\ArcDocs\Cultural\LMMW_CulturalManbook_4000.mxd

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017



Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

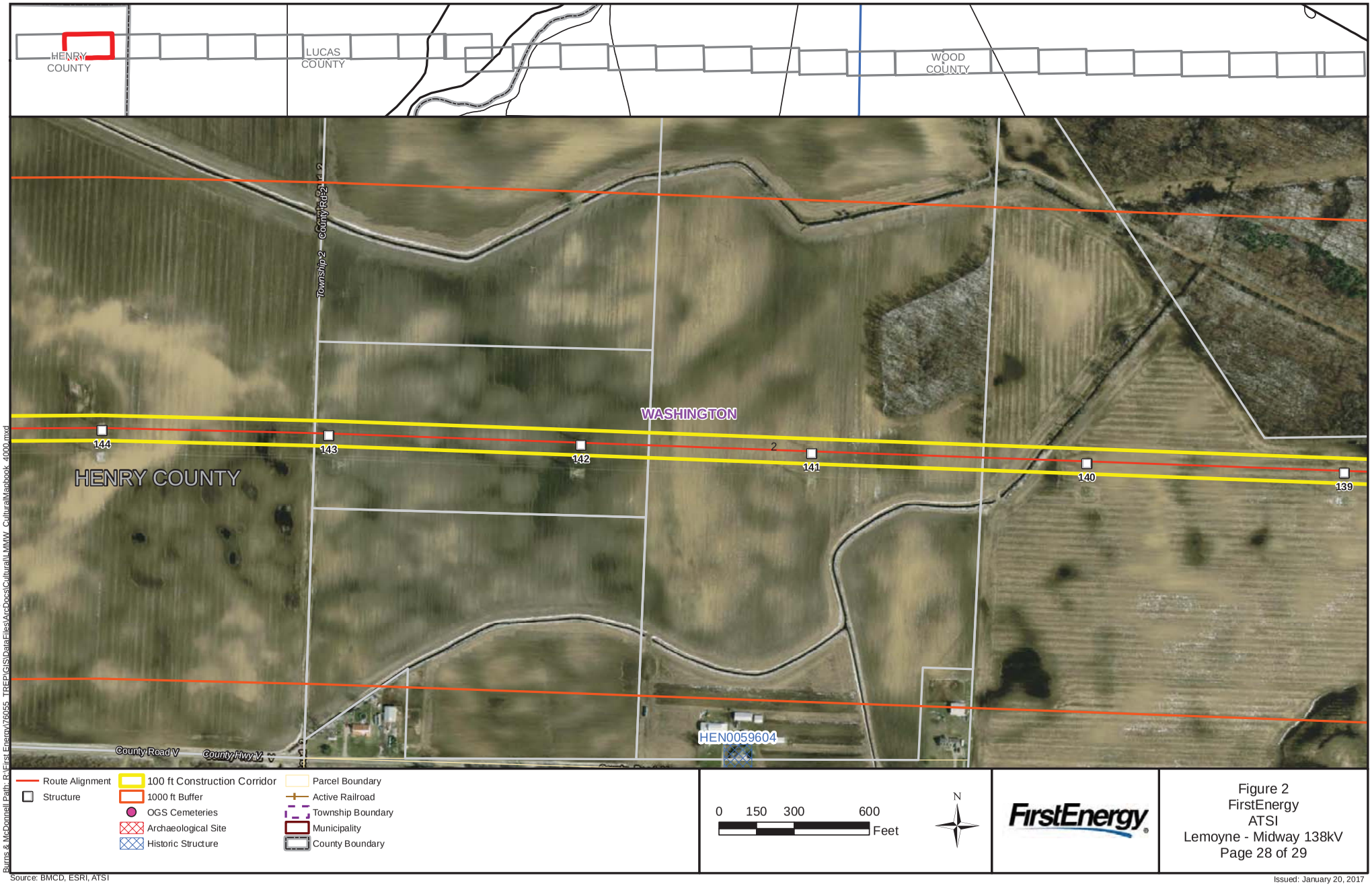
FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 27 of 29

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\FirstEnergy\76055_TREPGIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalManbook_4000.mxd



Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

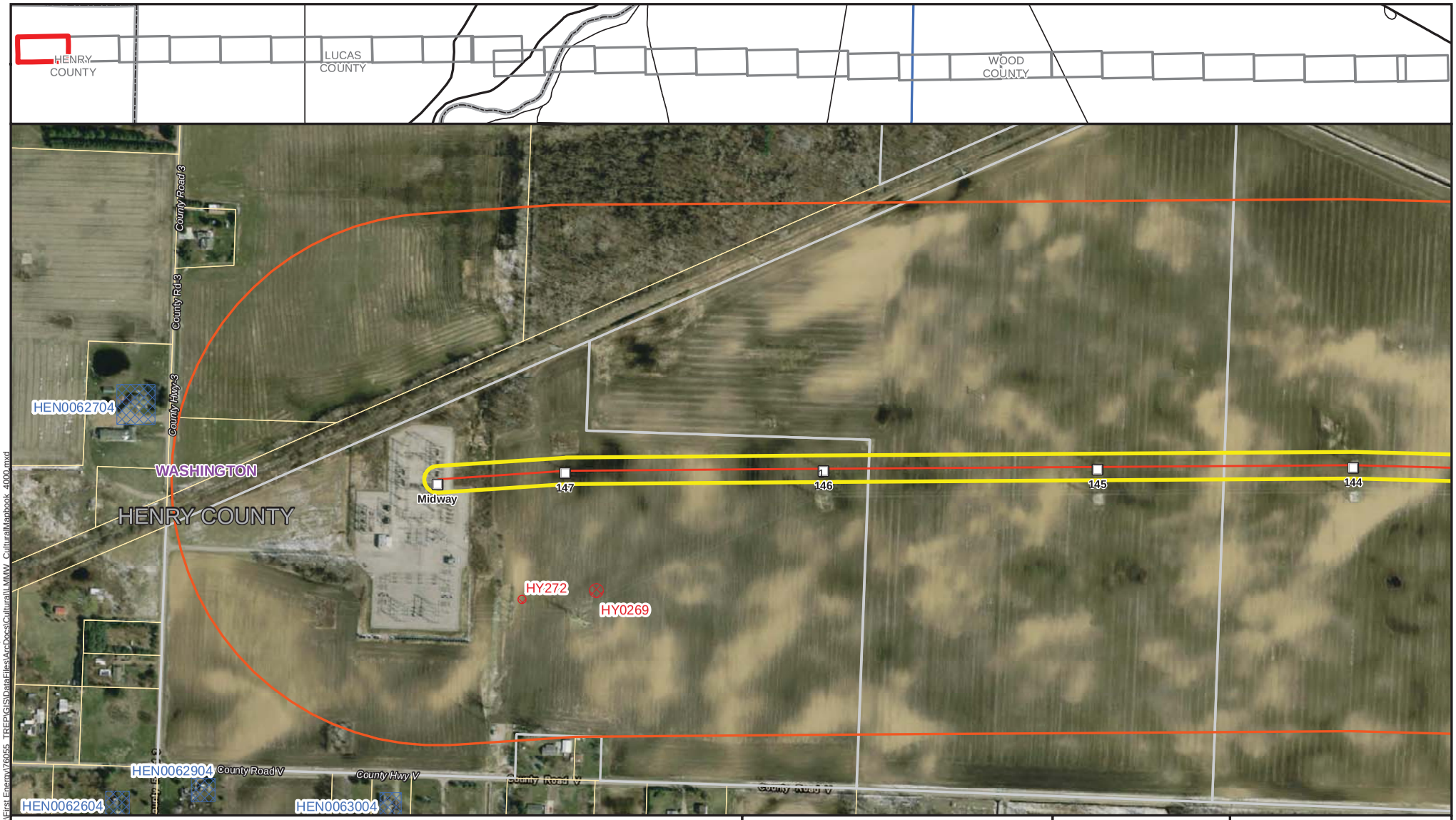
FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 28 of 29

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\First Energy\76055_TREPGIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalManbook_4000.mxd



Route Alignment
Structure
100 ft Construction Corridor
1000 ft Buffer
OGS Cemeteries
Archaeological Site
Historic Structure
Parcel Boundary
Active Railroad
Township Boundary
Municipality
County Boundary

0 150 300 600 Feet

N

FirstEnergy

Figure 2
FirstEnergy
ATSI
Lemoyne - Midway 138kV
Page 29 of 29

Source: BMCD, ESRI, ATSI

Issued: January 20, 2017

COPYRIGHT © 2014 BURNS & McDONNELL ENGINEERING COMPANY, INC.
Burns & McDonnell Path: R:\First Energy\76055 TREP\GIS\Data\Files\ArcDocs\Cultural\LMMW_CulturalManbook_4000.mxd

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

7/21/2017 4:04:37 PM

in

Case No(s). 17-1566-EL-BLN

Summary: Application (Part 6) for the Dowling-Midway 138kV Transmission Line Reconductor Project filed by FirstEnergy, S. Humphrys electronically filed by Docketing Staff on behalf of Docketing