

Figure No.

1.2

Title

Project Layout Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

193704862

Prepared by HDB on 2017-03-15

Technical Review by JDB on 2017-03-16

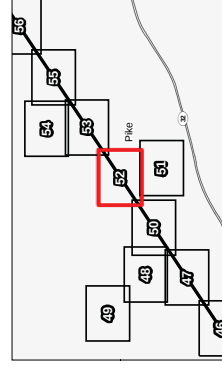
Independent Review by JDB on 2017-04-07



12,400 (At original document size of 11x17)

Legend

- Structure to be Replaced
- AEP Substation
- Proposed Access Road
- 138kV Transmission Line Rebuild
- Existing Transmission Line
- Existing 100-foot Right-Of-Way



Notes

- Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
- Data Sources include: Stantec, AEP, NADs, OGRIP
- Ohio photography 2015, NAD



Page 52 of 70



Customer: Stantec assumes no responsibility for data supplied in electronic format. The recipient Accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.

Figure No.

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Project Layout Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

193709865

Prepared by HDB on 2017-03-15

Technical Review by JDB on 2017-03-16

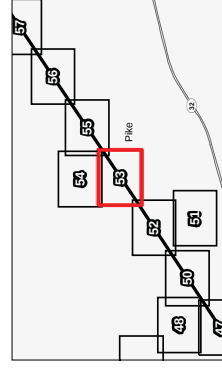
Independent Review by JDB on 2017-04-07



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Legend

- Structure to be Replaced
- AEP Substation
- Proposed Access Road
- 138kV Transmission Line Rebuild
- Existing Transmission Line
- Existing 100-foot Right-Of-Way

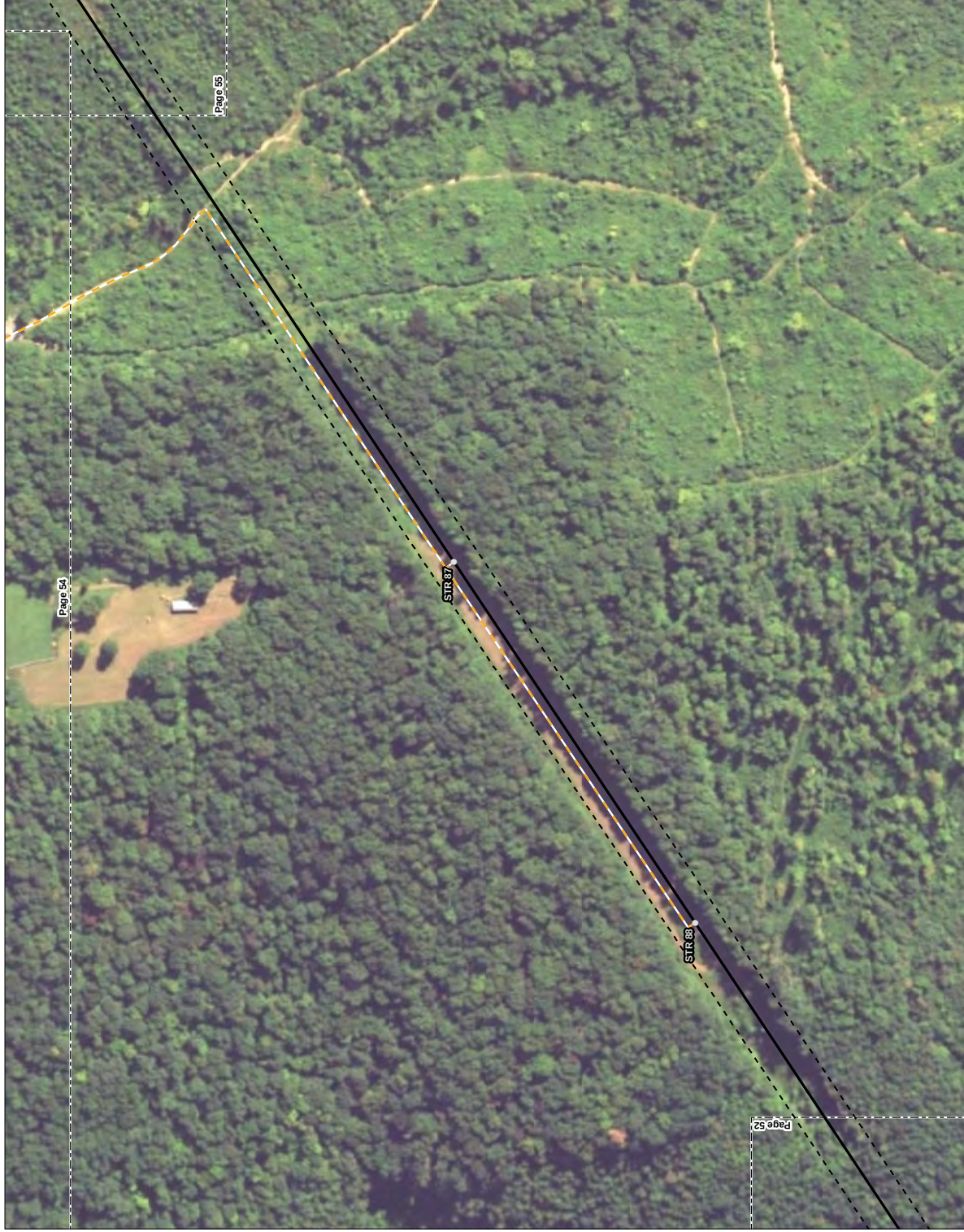


Notes

- Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
- Data Sources include: Stantec, AEP, MADS, OGRP
- Ortho photography: 2015, NAD



Page 53 of 70



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Figure No.

1.2

Title

Project Layout Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

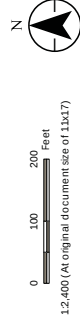
Adams and Pike Counties, Ohio

193709862

Prepared by HDB on 2017-03-15

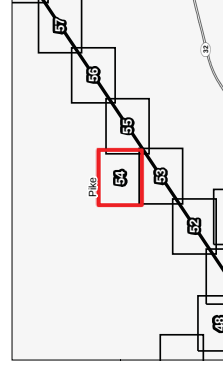
Technical Review by JDE on 2017-03-16

Independent Review by JDE on 2017-04-07



Legend

- Structure to be Replaced
- AEP Substation
- Proposed Access Road
- 138kV Transmission Line Rebuild
- Existing Transmission Line
- Existing 100-foot Right-Of-Way



Notes

- Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
- Data Sources include: Stantec, AEP, MADS, OGRIP
- Ohio photography 2015, NAD



Project Layout Map

Client/Project
AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project
Project Location
Adams and Pike Counties, Ohio
193709862
Prepared by HSB on 2017-03-15
Technical Review by JDE on 2017-03-16
Independent Review by JDE on 2017-04-07

0

100

200

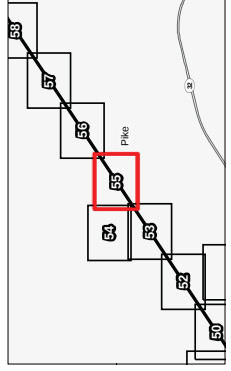
Feet

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N

Legend

- Structure to be Replaced
- AEP Substation
- Proposed Access Road
- 138kV Transmission Line Rebuild
- Existing Transmission Line
- Existing 100-foot Right-Of-Way



- Notes**
1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
 2. Data Sources include: Stantec, AEP, MADS, OGRIP
 3. Ohio photography 2015, NAD



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Figure No.

1.2

Title

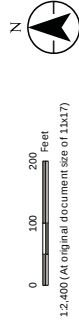
Project Layout Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

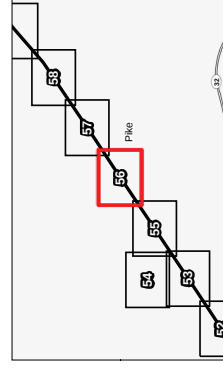
Project Location
Adams and Pike Counties, Ohio

183704862
Prepared by HDB on 2017-03-15
Technical Review by JDE on 2017-03-16
Independent Review by DJS on 2017-04-07



Legend

- Structure to be Replaced
- AEP Substation
- Proposed Access Road
- 138kV Transmission Line Rebuild
- Existing Transmission Line
- - - Existing 100-foot Right-Of-Way



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, MADS, OGRP
3. Ohio photography 2015, NADP



Figure No.

1.2

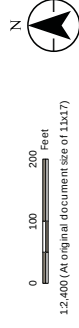
Title

Project Layout Map

Client/Project

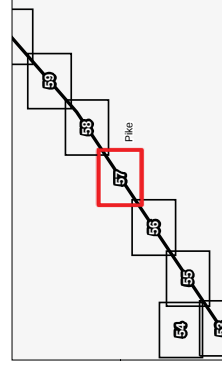
AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location
Adams and Pike Counties, Ohio
193704862
Prepared by HDB on 2017-03-15
Technical Review by JDE on 2017-03-15
Independent Review by JDE on 2017-04-07



Legend

- Structure to be Replaced
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- Proposed Access Road
- 138kV Transmission Line Rebuild
- Existing Transmission Line
- - - Existing 100-foot Right-Of-Way



Notes

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2. Data Sources include: Stantec, AEP, MADS, OGRIP
3. Ohio photography 2015, NAD



Figure No.

1.2

Title

Project Layout Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

183704865

Prepared by HDB on 2017-03-15

Technical Review by JDB on 2017-03-16

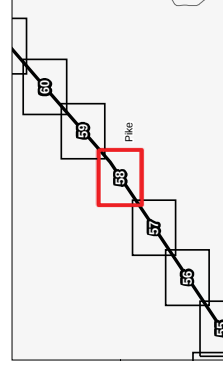
Independent Review by JDB on 2017-04-07



12,400 (At original document size of 11x17)

Legend

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- AEP Substation
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- Existing Transmission Line
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Notes

- Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
- Data Sources include: Stantec, AEP, MADS, OGRIP
- Ortho photography: 2015, NADP



Figure No.

1.2

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Project Layout Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

183704862

Prepared by HDB on 2017-03-15

Technical Review by JDE on 2017-03-16

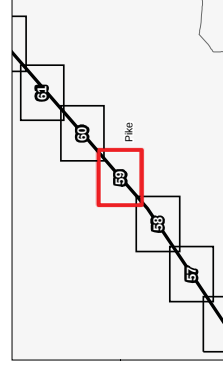
Independent Review by JDE on 2017-04-07



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- Data Sources include: Stantec, AEP, MADS, OGRIP
- Ortho photography: 2015, NAD



Figure No.

1.2

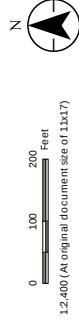
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Project Layout Map

Client/Project

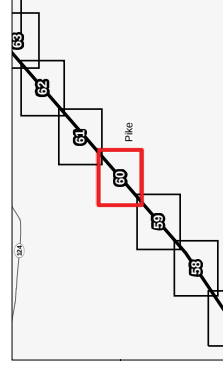
AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location
Adams and Pike Counties, Ohio
182709862
Prepared by HSB on 2017-03-15
Technical Review by JDE on 2017-03-16
Independent Review by DJS on 2017-04-07



Legend

- Structure to be Replaced
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3. Ortho photography: 2015, NAD



Figure No.

1.2

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Project Layout Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

183704862

Prepared by HSB on 2017-03-15

Technical Review by JDE on 2017-03-16

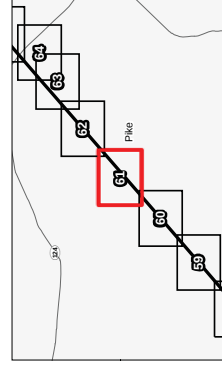
Independent Review by JDE on 2017-04-07



12,400 (At original document size of 11x17)

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- Data Sources include: Stantec, AEP, MADS, OGRIP
- Ortho photography 2015, NAD



Figure No.

1.2

Title

Project Layout Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

193704865

Prepared by HDB on 2017-03-15

Technical Review by JDE on 2017-03-15

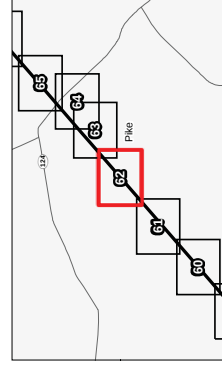
Independent Review by JDE on 2017-04-07



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- Ortho photography: 2015, NAD



Page 62 of 70



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Project Layout Map

Client/Project

AEP Ohio Transmission Company, Inc.

Ware Road - Seaman

138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

193704862

Prepared by HDB on 2017-03-15

Technical Review by JDE on 2017-03-16

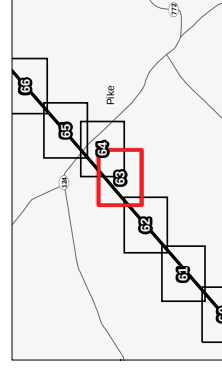
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- Ortho photography 2015, NAD



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Project Layout Map

Client/Project

AEP Ohio Transmission Company, Inc.
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Project Location

Adams and Pike Counties, Ohio

183704865

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Technical Review by JDE on 2017-03-15

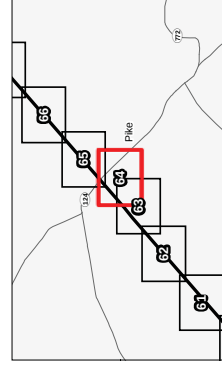
Independent Review by JDE on 2017-04-07



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- Ohio photography 2015, NAD



Figure No.

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Project Layout Map

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Ware Road - Seaman
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Project Location

Adams and Pike Counties, Ohio

193709865

Prepared by HDB on 2017-03-15

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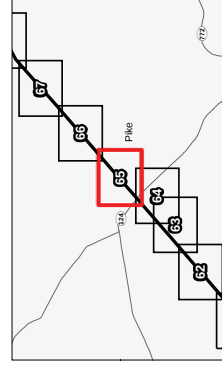
Independent Review by JDE on 2017-04-07



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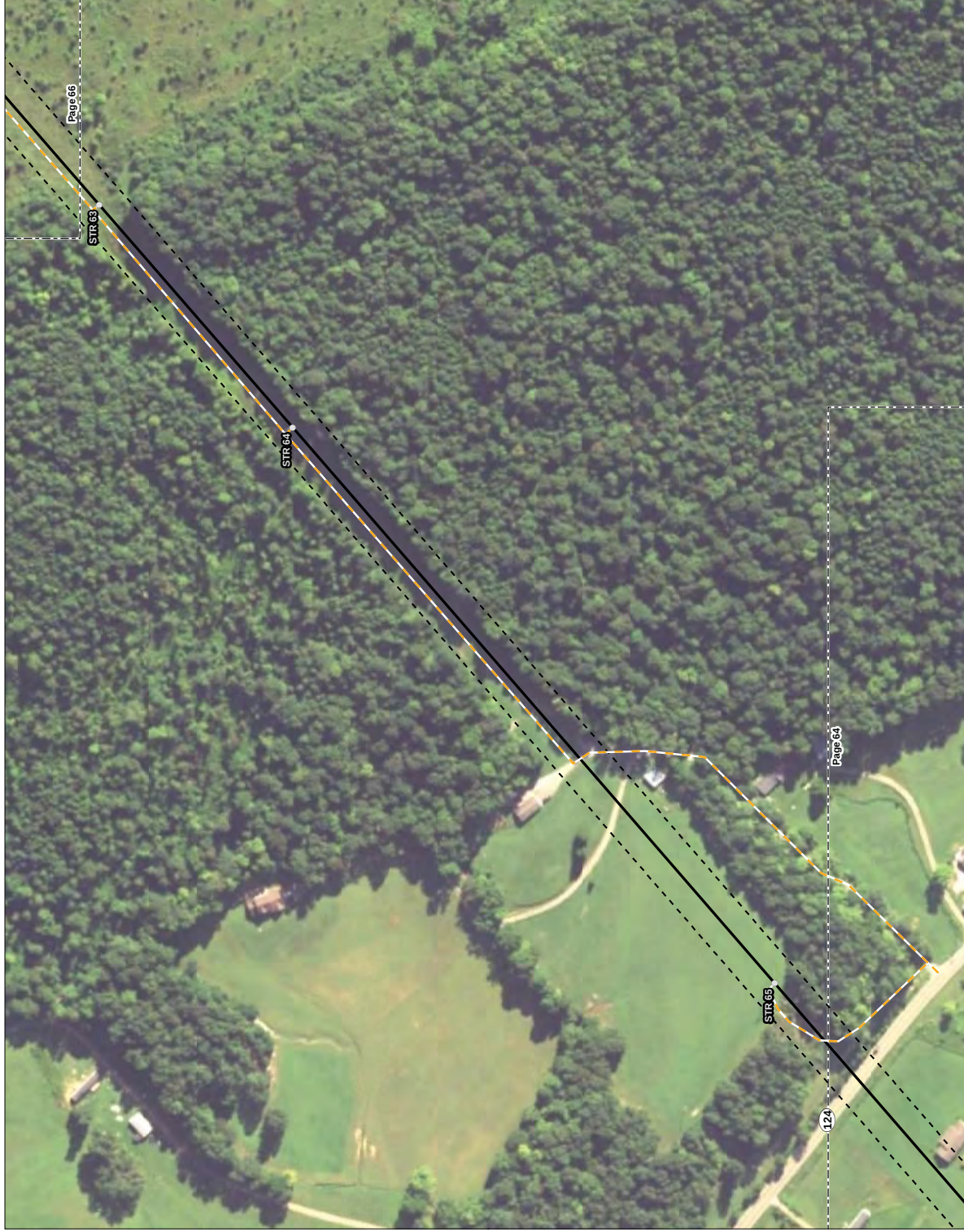


Notes

- Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
- Data Sources include: Stantec, AEP, MADS, OGRP
- Ortho photography: 2015, NAD



Page 65 of 70



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Figure No.

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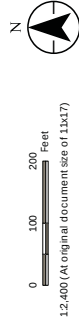
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Project Layout Map

Client/Project

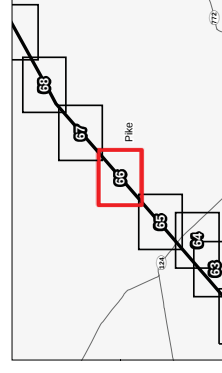
AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location
Adams and Pike Counties, Ohio
193709862
Prepared by HDB on 2017-03-15
Technical Review by JDB on 2017-03-16
Independent Review by JDB on 2017-04-07



Legend

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- Data Sources include: Stantec, AEP, MADS, OGRP
- Ortho photography 2015, NAD



Figure No.

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Project Layout Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

183704862

Prepared by HDB on 2017-03-15

Technical Review by JDB on 2017-03-16

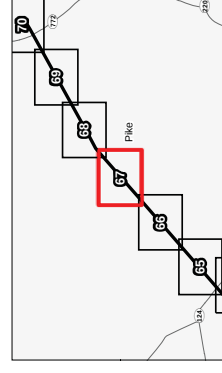
Independent Review by JDB on 2017-04-07



12,400 (At original document size of 11x17)

Legend

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- Existing Transmission Line
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- Data Sources include: Stantec, AEP, MADS, OGRP
- Ortho photography: 2015, NAD



Figure No.

1.2

Title

Project Layout Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

193704862

Prepared by HDB on 2017-03-15

Technical Review by JDP on 2017-03-16

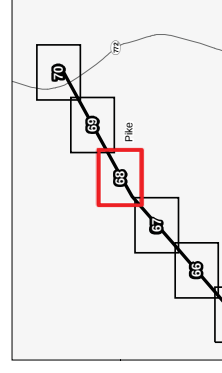
Independent Review by JDS on 2017-04-07



12,400 (At original document size of 11x17)

Legend

- Structure to be Replaced
- AEP Substation
- Proposed Access Road
- 138kV Transmission Line Rebuild
- Existing Transmission Line
- Existing 100-foot Right-Of-Way



Notes

- Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
- Data Sources include: Stantec, AEP, MADS, OGRIP
- Ortho photography: 2015, NAF



Figure No.

1.2

Title

Project Layout Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

Prepared by HDB on 2017-03-15

Technical Review by JDE on 2017-03-16

Independent Review by JDE on 2017-04-07

182704862

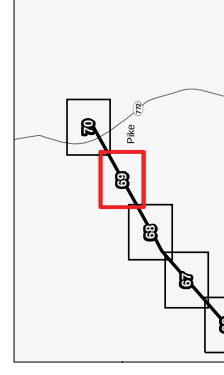
12,400 (At original document size of 11x17)



0 100 200 Feet

Legend

- Structure to be Replaced
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- Proposed Access Road
- 138kV Transmission Line Rebuild
- Existing Transmission Line
- Existing 100-foot Right-Of-Way



Notes

- Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
- Data Sources include: Stantec, AEP, NADS, OGRIP
- Ohio photography 2015, NAD



Figure No.

1.2

Title

Project Layout Map

Client/Project

AEP Ohio Transmission Company, Inc.

Ware Road - Seaman

138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

Prepared by HDS on 2017-03-15

Technical Review by JDE on 2017-03-16

Independent Review by DJS on 2017-04-07

182704862

12,400 (At original document size of 11x17)

0 100 200 Feet

12,400 (At original document size of 11x17)

Legend

Structure to be Replaced

AEP Substation

Proposed Access Road

138kV Transmission Line Rebuild

Existing Transmission Line

Existing 100-foot Right-Of-Way

Ware Road Station

39.121473, -83.116528

STR 500

STR 51

772

Pike

69

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67

Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet

2. Data Sources include: Stantec, AEP, MADS, OGRP

3. Ortho photography 2015, NAD

Stantec

Page 70 of 70



Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138KV Transmission Line Project

Project Location

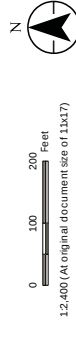
Adams and Pike Counties, Ohio

19270969

Prepared by HDR on 2017-03-15

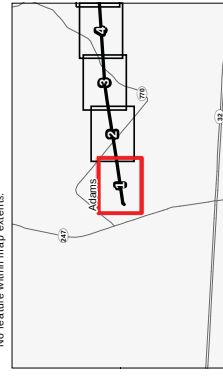
Technical Review by JDE on 2017-03-16

Independent Review by DJS on 2017-04-07



Legend

- | | |
|-----------------------------------|-------------------------------------|
| Structure to be Replaced | National Land Cover Database |
| ● AEP Substation | ■ Open Water |
| ■ Proposed Access Road | ■ Developed, Open Space |
| ■ 138KV Transmission Line Rebuild | ■ Developed, Low Intensity |
| ■ Existing Transmission Line | ■ Developed, Medium Intensity |
| ■ Existing 100-foot Right-Of-Way | ■ Developed, High Intensity |
| ■ Residence | ■ Barren Land |
| ■ Cemetery | ■ Deciduous Forest |
| ■ Church | ■ Evergreen Forest |
| ■ School* | ■ Mixed Forest |
| | ■ Shrub/Scrub |
| | ■ Grassland / Herbaceous |
| | ■ Pasture/Hay |
| | ■ Cultivated Crops |
| | ■ Emergent Herbaceous Wetlands |
- *No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ohio photography 2015, NAD



Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

19270969

Prepared by HDS on 2017-03-15

Technical Review by JDE on 2017-03-15

Independent Review by DJS on 2017-04-07

12,400' (At original document size of 11x17)

0 100 200 Feet

N

Legend

Structure to be Replaced

AEP Substation

Proposed Access Road

138kV Transmission Line Rebuild

Existing Transmission Line

Existing 100-foot Right-Of-Way

Residence

Cemetery

Church

School*

National Land Cover Database

Open Water

Developed, Open Space

Developed, Low Intensity

Developed, Medium Intensity

Developed, High Intensity

Barren Land

Deciduous Forest

Evergreen Forest

Mixed Forest

Shrub/Scrub

Grassland / Herbaceous

Pasture/Hay

Cultivated Crops

Emergent Herbaceous Wetlands

*No feature within map extents.

Adams

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Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NADS, OGRP
3. Ohio photography 2015, NAD



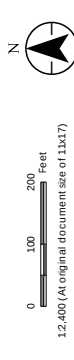
Figure No.
1.3

Title
Land Use Map

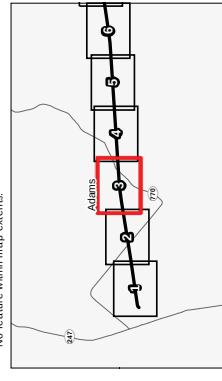
Client/Project
AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location
Adams and Pike Counties, Ohio

192706869
Prepared by HDR on 2017-03-15
Technical Review by JDE on 2017-03-16
Independent Review by DJS on 2017-04-07



- Legend**
- | | |
|-----------------------------------|-------------------------------------|
| Structure to be Replaced | National Land Cover Database |
| ● AEP Substation | ■ Open Water |
| ■ Proposed Access Road | ■ Developed, Open Space |
| ■ 138kV Transmission Line Rebuild | ■ Developed, Low Intensity |
| ■ Existing Transmission Line | ■ Developed, Medium Intensity |
| ■ Existing 100-foot Right-Of-Way | ■ Developed, High Intensity |
| ■ Residence | ■ Barren Land |
| ■ Cemetery | ■ Deciduous Forest |
| ■ Church | ■ Evergreen Forest |
| ■ School* | ■ Mixed Forest |
| | ■ Shrub/Scrub |
| | ■ Grassland / Herbaceous |
| | ■ Pasture/Hay |
| | ■ Cultivated Crops |
| | ■ Emergent Herbaceous Wetlands |
- *No feature within map extents.



- Notes**
1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
 2. Data Sources include: Stantec, AEP, NACD, NADS, OGRP
 3. Ohio photography 2015, NAD



Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

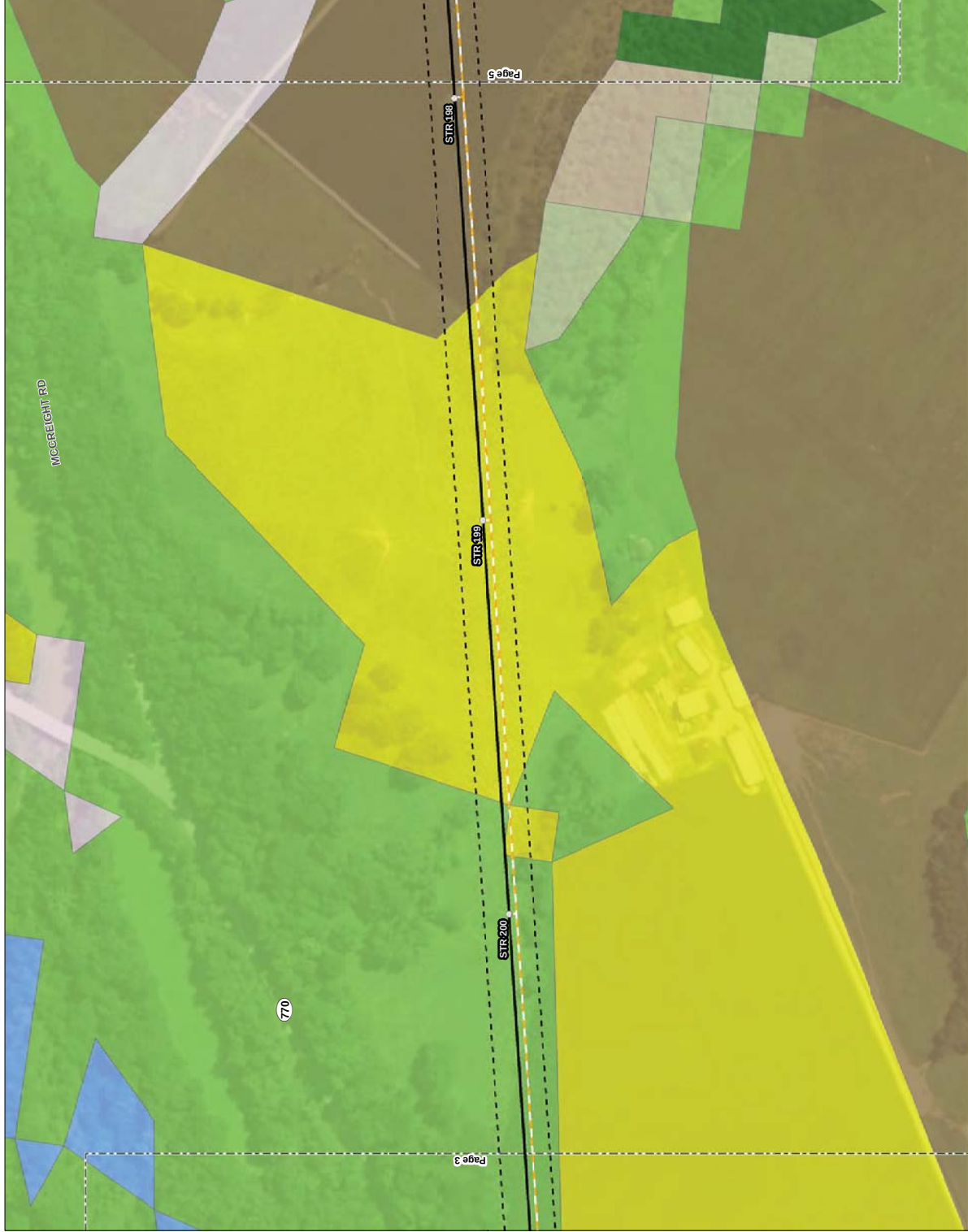
Adams and Pike Counties, Ohio

193709869

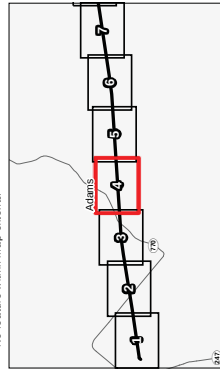
Prepared by HSE on 2017-03-15

Technical Review by JSE on 2017-03-16

Independent Review by JSE on 2017-04-07



*No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAD, OGRP
3. Ohio photography 2015, NAD



Figure No.

1.3

Title

Land Use Map

Client/Project

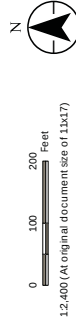
AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

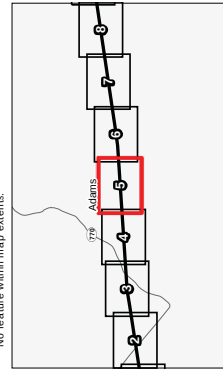
193709869

Prepared by HDR on 2017-03-15
Technical Review by JDE on 2017-03-16
Independent Review by DJS on 2017-04-07



Legend

- | | |
|-----------------------------------|-------------------------------------|
| Structure to be Replaced | National Land Cover Database |
| ● AEP Substation | ■ Open Water |
| ■ Proposed Access Road | ■ Developed, Open Space |
| ■ 138kV Transmission Line Rebuild | ■ Developed, Low Intensity |
| ■ Existing Transmission Line | ■ Developed, Medium Intensity |
| ■ Existing 100-foot Right-Of-Way | ■ Developed, High Intensity |
| ■ Residence | ■ Barren Land |
| ■ Cemetery | ■ Deciduous Forest |
| ■ Church | ■ Evergreen Forest |
| ■ School* | ■ Mixed Forest |
| | ■ Shrub/Scrub |
| | ■ Grassland / Herbaceous |
| | ■ Pasture/Hay |
| | ■ Cultivated Crops |
| | ■ Emergent Herbaceous Wetlands |
- *No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ohio photography 2015, NAD

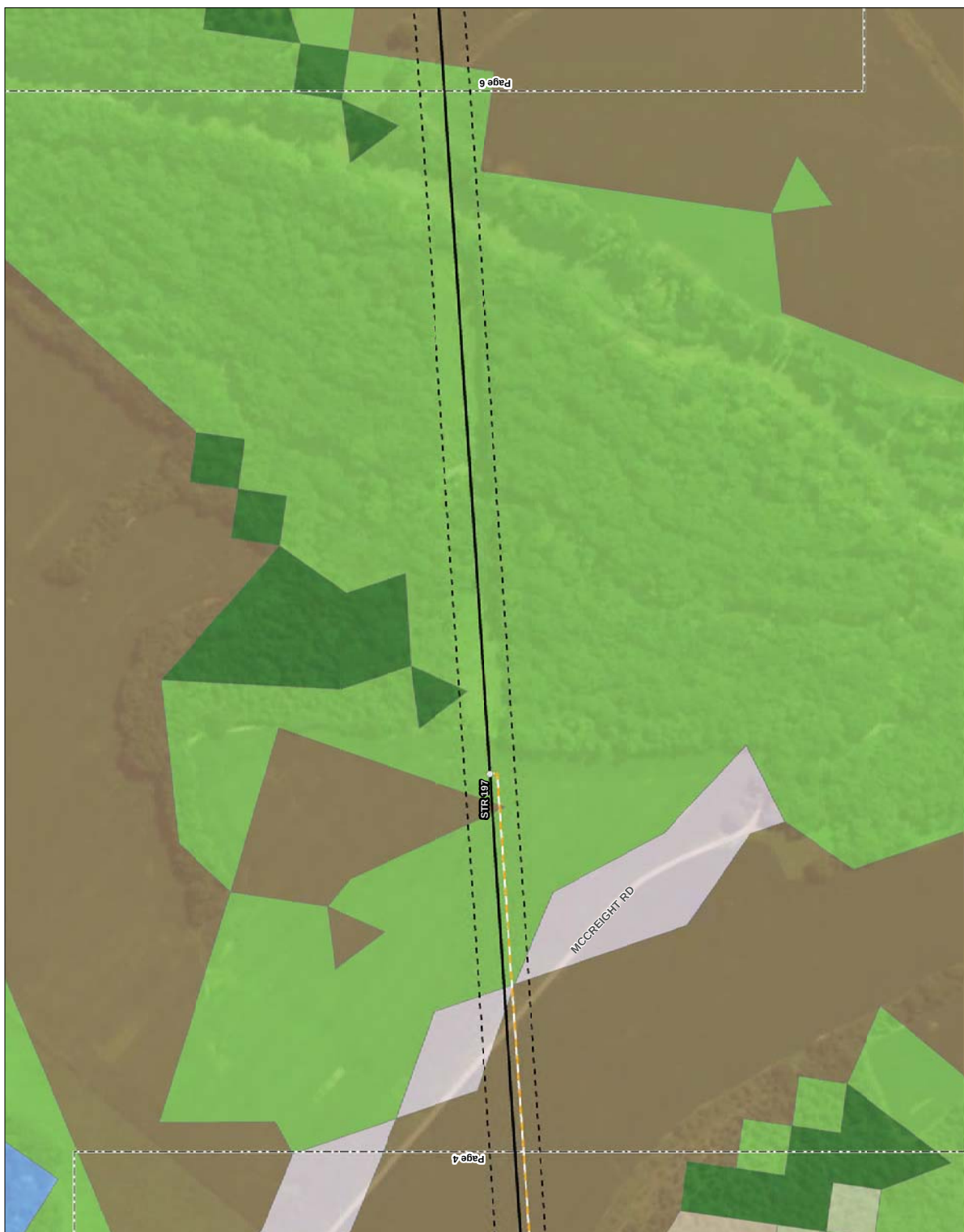


Figure No.

1.3

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

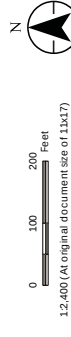
Adams and Pike Counties, Ohio

19370682

Prepared by HDS on 2017-03-15

Technical Review by JDP on 2017-03-16

Independent Review by DJS on 2017-04-07



Legend

Structure to be Replaced

AEP Substation

Proposed Access Road

138kV Transmission Line Rebuild

Existing Transmission Line

Existing 100-foot Right-Of-Way

Residence

Cemetery

Church

School*

National Land Cover Database

Open Water

Developed, Open Space

Developed, Low Intensity

Developed, Medium Intensity

Developed, High Intensity

Barren Land

Deciduous Forest

Evergreen Forest

Mixed Forest

Shrub/Scrub

Grassland / Herbaceous

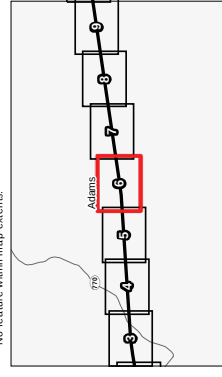
Pasture/Hay

Cultivated Crops

Emergent Herbaceous

Wetlands

*No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ohio photography 2015, NAD



Figure No.

1.3

Title

Land Use Map

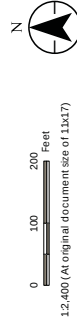
Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

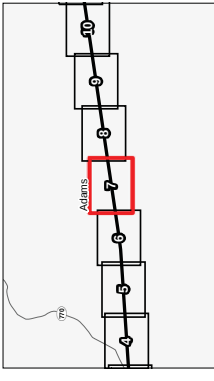
19370680
Prepared by HDR on 2017-03-15
Technical Review by JDE on 2017-03-16
Independent Review by DJS on 2017-04-07



Legend

- | | |
|-----------------------------------|-------------------------------------|
| Structure to be Replaced | National Land Cover Database |
| ● AEP Substation | ■ Open Water |
| ■ Proposed Access Road | ■ Developed, Open Space |
| ■ 138kV Transmission Line Rebuild | ■ Developed, Low Intensity |
| ■ Existing Transmission Line | ■ Developed, Medium Intensity |
| ■ Existing 100-foot Right-Of-Way | ■ Developed, High Intensity |
| ■ Residence | ■ Barren Land |
| ■ Cemetery | ■ Deciduous Forest |
| ■ Church | ■ Evergreen Forest |
| ■ School* | ■ Mixed Forest |
| | ■ Shrub/Scrub |
| | ■ Grassland / Herbaceous |
| | ■ Pasture/Hay |
| | ■ Cultivated Crops |
| | ■ Emergent Herbaceous Wetlands |

*No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ohio photography 2015, NAD



Figure No.
1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.

Ware Road - Seaman

138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

19270682

Prepared by HDR on 2017-03-15

Technical Review by JDE on 2017-03-16

Independent Review by JDE on 2017-04-07



Legend

Structure to be Replaced

AEP Substation

Proposed Access Road

138kV Transmission Line Rebuild

Existing Transmission Line

Existing 100-foot Right-Of-Way

Residence

Cemetery

Church

School*

National Land Cover Database

Open Water

Developed, Open Space

Developed, Low Intensity

Developed, Medium Intensity

Developed, High Intensity

Barren Land

Deciduous Forest

Evergreen Forest

Mixed Forest

Shrub/Scrub

Grassland / Herbaceous

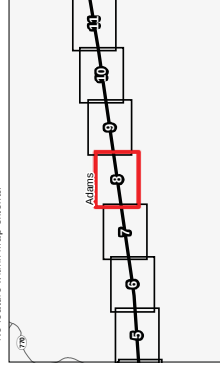
Pasture/Hay

Cultivated Crops

Emergent Herbaceous Wetlands

Wetlands

*No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, M&C, N&S, O&R
3. Ohio photography 2015, N&P



Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

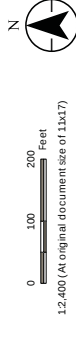
Adams and Pike Counties, Ohio

19270682

Prepared by HDR on 2017-03-15

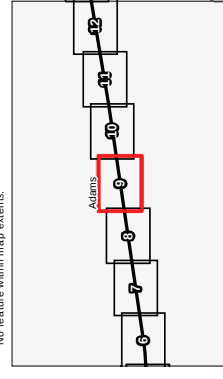
Technical Review by JDE on 2017-03-16

Independent Review by DJS on 2017-04-07



Legend

- Structure to be Replaced**
- AEP Substation
 - Proposed Access Road
 - 138kV Transmission Line
 - Existing Transmission Line
 - Existing 100-foot Right-Of-Way
 - Residence
 - † Cemetery
 - ⛪ Church
 - 🎓 School*
- National Land Cover Database**
- Open Water
 - Developed, Open Space
 - Developed, Low Intensity
 - Developed, Medium Intensity
 - Developed, High Intensity
 - Barren Land
 - Deciduous Forest
 - Evergreen Forest
 - Mixed Forest
 - Shrub/Scrub
 - Grassland / Herbaceous
 - Pasture/Hay
 - Cultivated Crops
 - Emergent Herbaceous Wetlands
- *No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAD83, OGRP
3. Ohio photography 2015, NAD



Figure No.

1.3

Title

Land Use Map

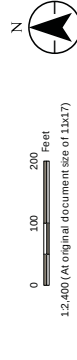
Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138KV Transmission Line Project

Project Location

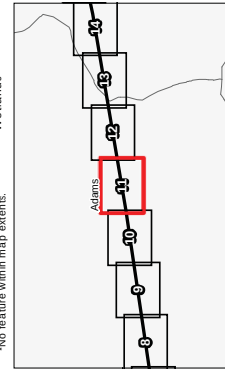
Adams and Pike Counties, Ohio

193704867
Prepared by HDR on 2017-03-15
Technical Review by JDE on 2017-03-15
Independent Review by DJS on 2017-04-07



Legend

- | | |
|-----------------------------------|-------------------------------------|
| Structure to be Replaced | National Land Cover Database |
| ● AEP Substation | ■ Open Water |
| ■ Proposed Access Road | ■ Developed, Open Space |
| ■ 138KV Transmission Line Rebuild | ■ Developed, Low Intensity |
| ■ Existing Transmission Line | ■ Developed, Medium Intensity |
| ■ Existing 100-foot Right-Of-Way | ■ Developed, High Intensity |
| ■ Residence | ■ Barren Land |
| ■ Cemetery | ■ Deciduous Forest |
| ■ Church | ■ Evergreen Forest |
| ■ School* | ■ Mixed Forest |
| | ■ Shrub/Scrub |
| | ■ Grassland / Herbaceous |
| | ■ Pasture/Hay |
| | ■ Cultivated Crops |
| | ■ Emergent Herbaceous Wetlands |
- *No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ohio photography 2015, NAD



Customer: Stantec assumes no responsibility for data supplied in electronic format. The recipient Accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.

Figure No.

1.3

Title

Land Use Map

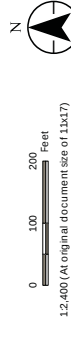
Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

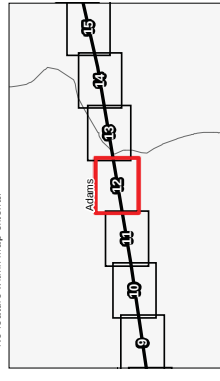
19270682
Prepared by HSB on 2017-03-15
Technical Review by JSE on 2017-03-16
Independent Review by DSG on 2017-04-07



Legend

Structure to be Replaced	National Land Cover Database
● AEP Substation	Open Water
■ Proposed Access Road	Developed, Open Space
~ 138kV Transmission Line Rebuild	Developed, Low Intensity
~ Existing Transmission Line	Developed, Medium Intensity
~ Existing 100-foot Right-Of-Way	Developed, High Intensity
■ Residence	Barren Land
† Cemetery	Deciduous Forest
⛪ Church	Evergreen Forest
🎓 School*	Mixed Forest
	Shrub/Scrub
	Grassland / Herbaceous
	Pasture/Hay
	Cultivated Crops
	Emergent Herbaceous Wetlands

*No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ortho photography 2015, NAP



Figure No.
1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.

Ware Road - Seaman

138kV Transmission Line Project

Project Location

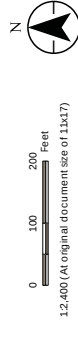
Adams and Pike Counties, Ohio

193709692

Prepared by HSB on 2017-03-15

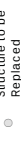
Technical Review by JSP on 2017-03-15

Independent Review by DJS on 2017-04-07

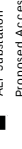


Legend

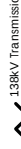
Structure to be Replaced



Proposed Access Road



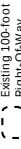
138kV Transmission Line Rebuild



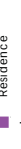
Existing Transmission Line



Existing 100-foot Right-Of-Way



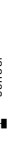
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Cemetery



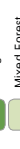
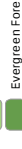
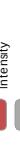
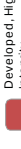
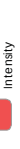
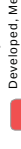
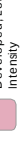
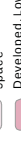
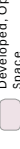
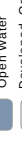
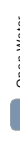
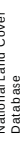
Church



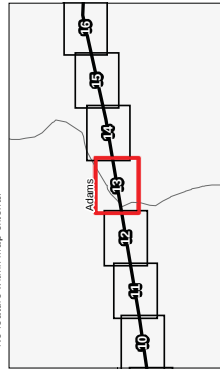
School*



National Land Cover Database



*No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ohio photography 2015, NAD



Figure No.

1.3

Title

Land Use Map

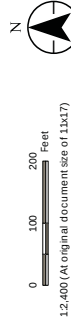
Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

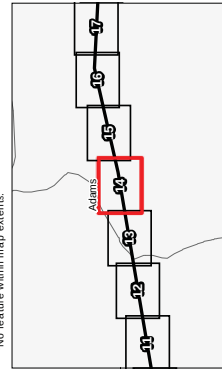
192706862
Prepared by HDR on 2017-03-15
Technical Review by JSE on 2017-03-16
Independent Review by DJS on 2017-04-07



Legend

Structure to be Replaced	National Land Cover Database
● AEP Substation	■ Open Water
■ Proposed Access Road	■ Developed, Open Space
■ 138kV Transmission Line Rebuild	■ Developed, Low Intensity
■ Existing Transmission Line	■ Developed, Medium Intensity
■ Existing 100-foot Right-Of-Way	■ Developed, High Intensity
■ Residence	■ Barren Land
■ Cemetery	■ Deciduous Forest
■ Church	■ Evergreen Forest
■ School*	■ Mixed Forest
	■ Shrub/Scrub
	■ Grassland / Herbaceous
	■ Pasture/Hay
	■ Cultivated Crops
	■ Emergent Herbaceous Wetlands

*No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ortho photography 2015, NAF



Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

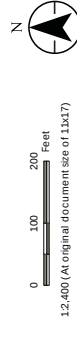
Adams and Pike Counties, Ohio

19370682

Prepared by HDR on 2017-03-15

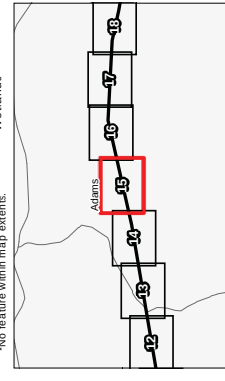
Technical Review by JDE on 2017-03-15

Independent Review by JDE on 2017-04-07



Legend

- Structure to be Replaced**
- AEP Substation
 - Proposed Access Road
 - 138kV Transmission Line Rebuild
 - Existing Transmission Line
 - Existing 100-foot Right-Of-Way
 - Residence
 - † Cemetery
 - ⛪ Church
 - ⚪ School*
- National Land Cover Database**
- Open Water
 - Developed, Open Space
 - Developed, Low Intensity
 - Developed, Medium Intensity
 - Developed, High Intensity
 - Barren Land
 - Deciduous Forest
 - Evergreen Forest
 - Mixed Forest
 - Shrub/Scrub
 - Grassland / Herbaceous
 - Pasture/Hay
 - Cultivated Crops
 - Emergent Herbaceous Wetlands
- *No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, M&C, N&D, O&R
3. Ohio photography 2015, N&P



Figure No.

1.3

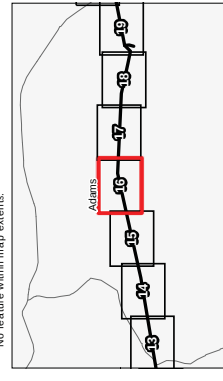
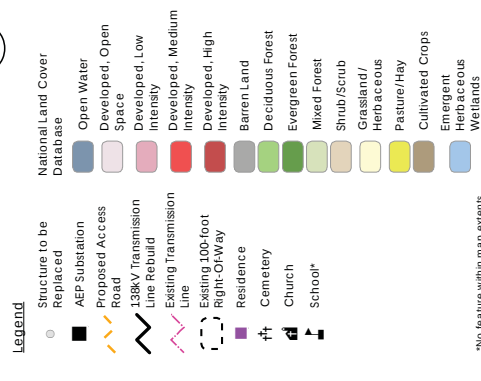
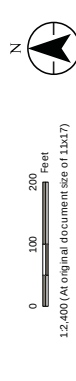
Title

Land Use Map

Client/Project
AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location
Adams and Pike Counties, Ohio

192706862
Prepared by H2B on 2017-03-15
Technical Review by JDE on 2017-03-16
Independent Review by DJS on 2017-04-07



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ohio photography 2015, NAD



Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.

Ware Road - Seaman

138kV Transmission Line Project

Project Location

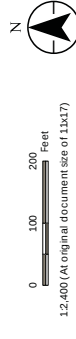
Adams and Pike Counties, Ohio

19370682

Prepared by HSE on 2017-03-15

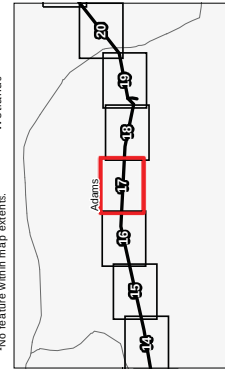
Technical Review by JSE on 2017-03-16

Independent Review by DJS on 2017-04-07



Legend

- Structure to be Replaced**
- AEP Substation
 - Proposed Access Road
 - 138kV Transmission Line Rebuild
 - Existing Transmission Line
 - Existing 100-foot Right-Of-Way
 - Residence
 - † Cemetery
 - ⛪ Church
 - ⚪ School*
- National Land Cover Database**
- Open Water
 - Developed, Open Space
 - Developed, Low Intensity
 - Developed, Medium Intensity
 - Developed, High Intensity
 - Barren Land
 - Deciduous Forest
 - Evergreen Forest
 - Mixed Forest
 - Shrub/Scrub
 - Grassland / Herbaceous
 - Pasture/Hay
 - Cultivated Crops
 - Emergent Herbaceous Wetlands
- *No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAD83, OGRP
3. Ohio photography 2015, NIP



Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.

Ware Road - Seaman

138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

Prepared by HSB on 2017-03-15

Technical Review by JSP on 2017-03-16

Independent Review by DJS on 2017-04-07

193704869

12,400 (At original document size of 11x17)

0 100 200 Feet

N

Legend

Structure to be Replaced

AEP Substation

Proposed Access Road

138kV Transmission Line Rebuild

Existing Transmission Line

Existing 100-foot Right-Of-Way

Residence

Cemetery

Church

School*

National Land Cover Database

Open Water

Developed, Open Space

Developed, Low Intensity

Developed, Medium Intensity

Developed, High Intensity

Barren Land

Deciduous Forest

Evergreen Forest

Mixed Forest

Shrub/Scrub

Grassland / Herbaceous

Pasture/Hay

Cultivated Crops

Emergent Herbaceous Wetlands

*No feature within map extents.

STR 160

STR 161

STR 162

STR 163

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STR 205



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet

2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP

3. Ohio photography 2015, NIP



Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

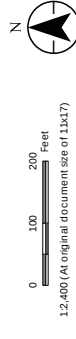
Adams and Pike Counties, Ohio

193704869

Prepared by HSB on 2017-03-15

Technical Review by JSE on 2017-03-16

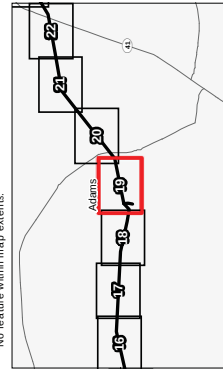
Independent Review by DJS on 2017-04-07



Legend

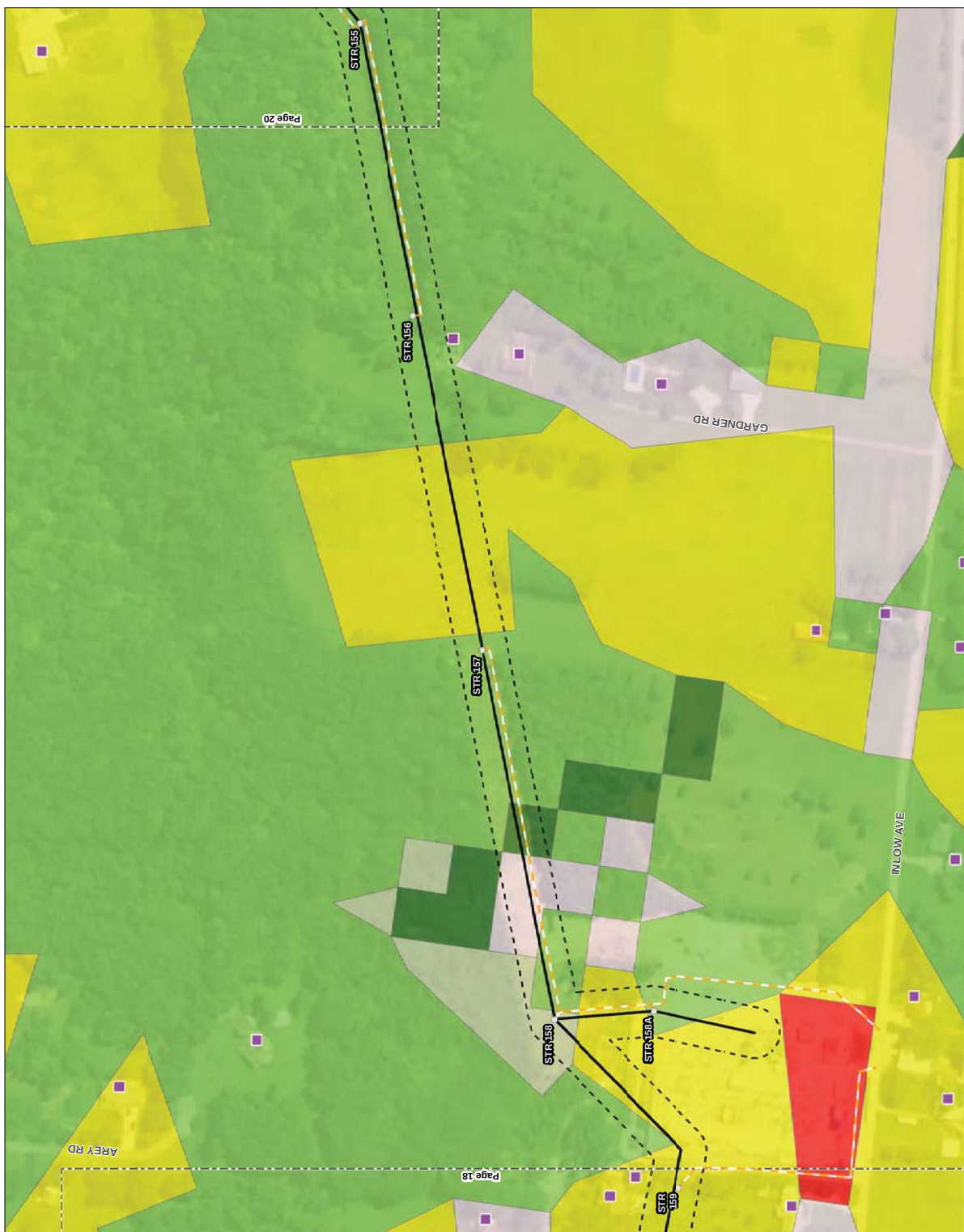
Structure to be Replaced	National Land Cover Database
● AEP Substation	Open Water
■ Proposed Access Road	Developed, Open Space
— 138kV Transmission Line Rebuild	Developed, Low Intensity
— Existing Transmission Line	Developed, Medium Intensity
— Existing 100-foot Right-Of-Way	Developed, High Intensity
■ Residence	Barren Land
† Cemetery	Deciduous Forest
⛪ Church	Evergreen Forest
🎓 School*	Mixed Forest
	Shrub/Scrub
	Grassland / Herbaceous
	Pasture/Hay
	Cultivated Crops
	Emergent Herbaceous Wetlands

*No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ohio photography 2015, NIP



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Figure No.
1.3

Title

Land Use Map

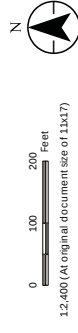
Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

19370869
Prepared by HDR on 2017-03-15
Technical Review by JDE on 2017-03-15
Independent Review by DJS on 2017-04-07

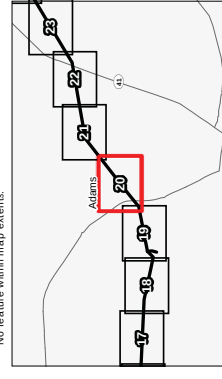


Legend

Structure to be Replaced	National Land Cover Database
●	Open Water
■	Developed, Open Space
■	Developed, Low Intensity
■	Developed, Medium Intensity
■	Developed, High Intensity
■	Barren Land
■	Deciduous Forest
■	Evergreen Forest
■	Mixed Forest
■	Shrub/Scrub
■	Grassland / Herbaceous
■	Pasture/Hay
■	Cultivated Crops
■	Emergent Herbaceous Wetlands
■	Wetlands

■	AEP Substation
■	Proposed Access Road
■	138kV Transmission Line Rebuild
■	Existing Transmission Line
■	Existing 100-foot Right-Of-Way
■	Residence
■	Cemetery
■	Church
■	School*

*No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRIP
3. Ortho photography 2015, NAD



Figure No.

1.3

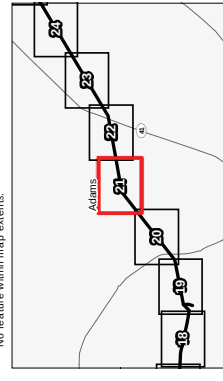
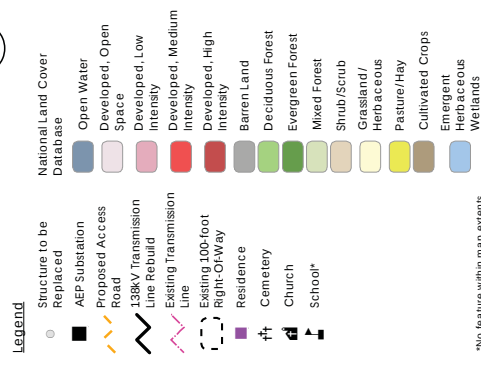
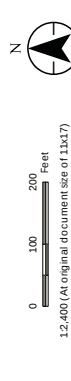
Title

Land Use Map

Client/Project
AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location
Adams and Pike Counties, Ohio

193704862
Prepared by HDR on 2017-03-15
Technical Review by JDE on 2017-03-15
Independent Review by JDE on 2017-04-07



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ohio photography 2015, NIP



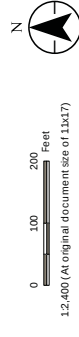
Figure No.
1.3

Title

Land Use Map

Client/Project
AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

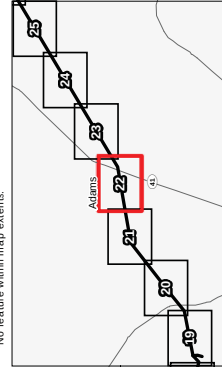
Project Location
Adams and Pike Counties, Ohio
19270682
Prepared by HDR on 2017-03-15
Technical Review by JDE on 2017-03-15
Independent Review by DJS on 2017-04-07



Legend

Structure to be Replaced	Open Water	National Land Cover Database
AEP Substation	Developed, Open Space	
Proposed Access Road	Developed, Low Intensity	
138kV Transmission Line Rebuild	Developed, Medium Intensity	
Existing Transmission Line	Developed, High Intensity	
Existing 100-foot Right-Of-Way	Barren Land	
Residence	Deciduous Forest	
Cemetery	Evergreen Forest	
Church	Mixed Forest	
School*	Shrub/Scrub	
	Grassland / Herbaceous	
	Pasture/Hay	
	Cultivated Crops	
	Emergent Herbaceous Wetlands	

*No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ortho photography 2015, NADP



Figure No.
1.3

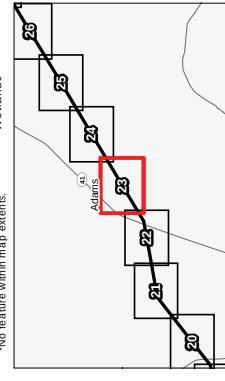
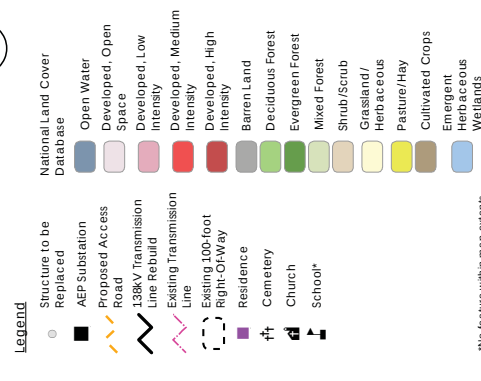
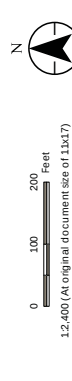
Title

Land Use Map

Client/Project
AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location
Adams and Pike Counties, Ohio

193709869
Prepared by HDR on 2017-03-15
Technical Review by JSP on 2017-03-16
Independent Review by DJS on 2017-04-07



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ohio photography 2015, NAD



Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

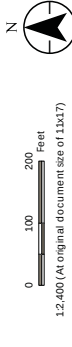
Adams and Pike Counties, Ohio

193709869

Prepared by HDB on 2017-03-15

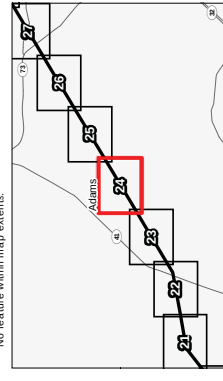
Technical Review by JDE on 2017-03-15

Independent Review by DJS on 2017-04-07



Legend

- Structure to be Replaced**
- AEP Substation
 - Proposed Access Road
 - 138kV Transmission Line Rebuild
 - Existing Transmission Line
 - Existing 100-foot Right-Of-Way
 - Residence
 - Cemetery
 - Church
 - School*
- National Land Cover Database**
- Open Water
 - Developed, Open Space
 - Developed, Low Intensity
 - Developed, Medium Intensity
 - Developed, High Intensity
 - Barren Land
 - Deciduous Forest
 - Evergreen Forest
 - Mixed Forest
 - Shrub/Scrub
 - Grassland / Herbaceous
 - Pasture/Hay
 - Cultivated Crops
 - Emergent Herbaceous Wetlands
- *No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAD, OGR
3. Ohio photography 2015, NAD



Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

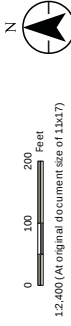
Adams and Pike Counties, Ohio

193706862

Prepared by HDR on 2017-03-15

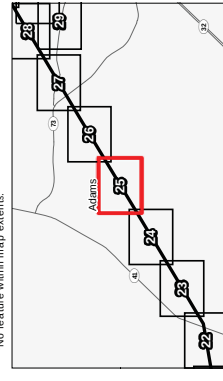
Technical Review by JSP on 2017-03-16

Independent Review by JSP on 2017-04-07



Legend

- | | |
|-----------------------------------|------------------------------------|
| Structure to be Replaced | Natural Land Cover Database |
| ● AEP Substation | ■ Open Water |
| ■ Proposed Access Road | ■ Developed, Open Space |
| — 138kV Transmission Line Rebuild | ■ Developed, Low Intensity |
| — Existing Transmission Line | ■ Developed, Medium Intensity |
| — Existing 100-foot Right-Of-Way | ■ Developed, High Intensity |
| ■ Residence | ■ Barren Land |
| ■ Cemetery | ■ Deciduous Forest |
| ■ Church | ■ Evergreen Forest |
| ■ School* | ■ Mixed Forest |
| | ■ Shrub/Scrub |
| | ■ Grassland / Herbaceous |
| | ■ Pasture/Hay |
| | ■ Cultivated Crops |
| | ■ Emergent Herbaceous Wetlands |
- *No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Santee, AEP, NACD, NAD, OGRP
3. Ohio photography 2015, NIP



Figure No.

1.3

Title

Land Use Map

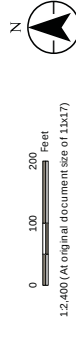
Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

192706860
Prepared by HDR on 2017-03-15
Technical Review by JSP on 2017-03-15
Independent Review by DJS on 2017-04-07



Legend

Structure to be Replaced

● AEP Substation

■ Proposed Access Road

— 138kV Transmission Line Rebuild

— Existing Transmission Line

— Existing 100-foot Right-Of-Way

■ Residence

† Cemetery

⛪ Church

⚙ School*

National Land Cover Database

■ Open Water

■ Developed, Open Space

■ Developed, Low Intensity

■ Developed, Medium Intensity

■ Developed, High Intensity

■ Barren Land

■ Deciduous Forest

■ Evergreen Forest

■ Mixed Forest

■ Shrub/Scrub

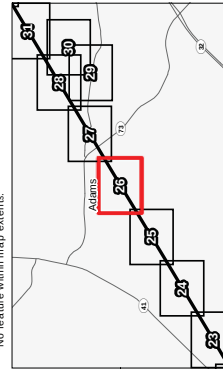
■ Grassland / Herbaceous

■ Pasture/Hay

■ Cultivated Crops

■ Emergent Herbaceous Wetlands

*No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRIP
3. Ortho photography 2015, NIP



Figure No.
1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

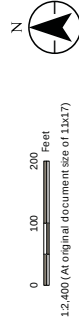
Adams and Pike Counties, Ohio

193706862

Prepared by HDB on 2017-03-15

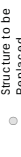
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Independent Review by DJS on 2017-04-07

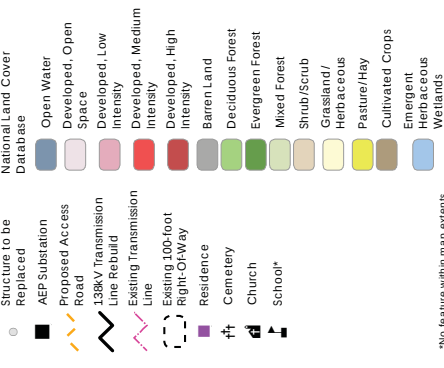


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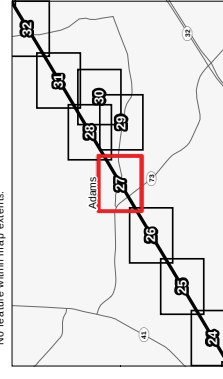
Structure to be Replaced



National Land Cover Database



*No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, M&D, NAOS, OGRP
3. Ohio photography 2015, N&P

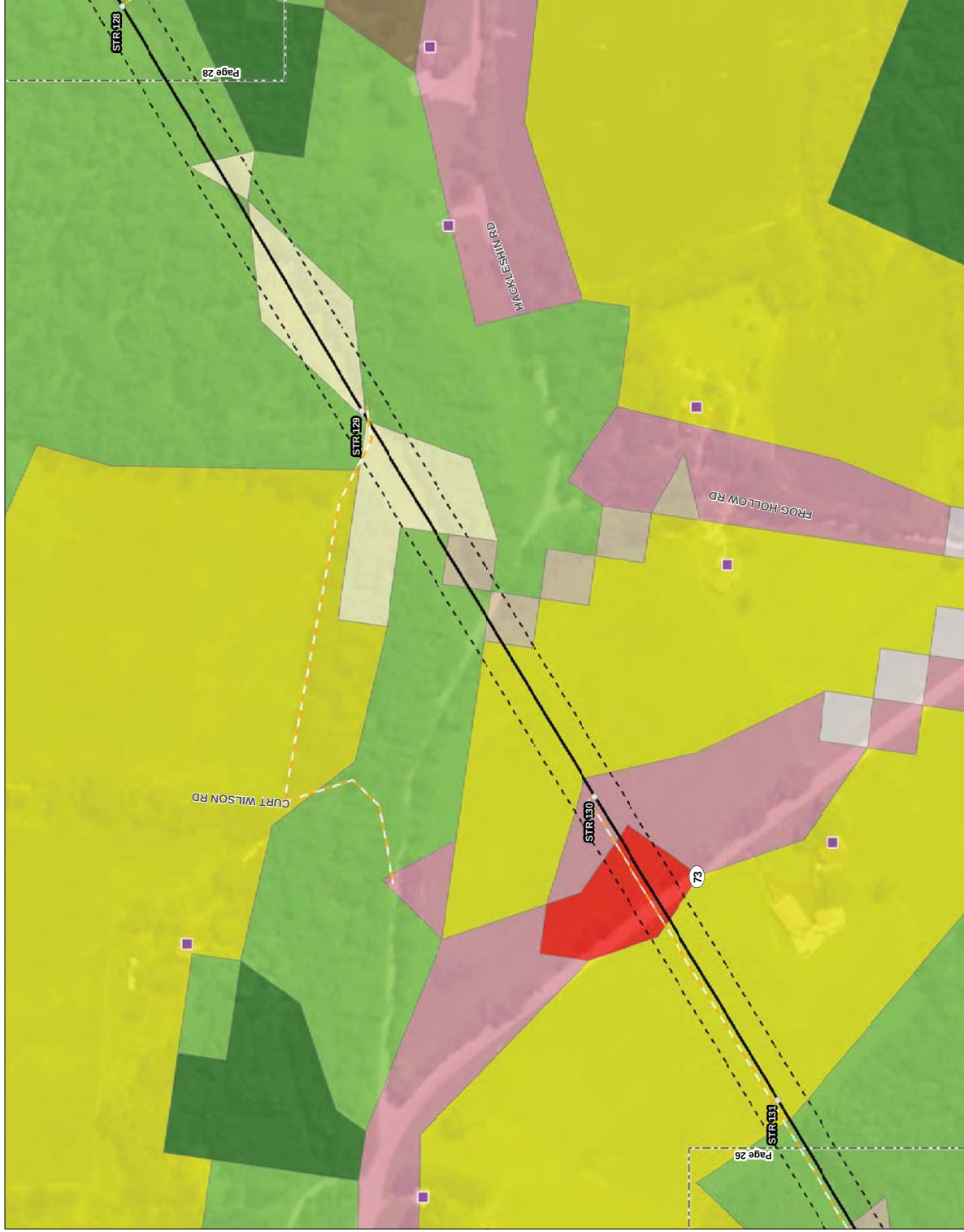


Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

193709869

Prepared by HDR on 2017-03-15

Technical Review by JSP on 2017-03-16

Independent Review by JSP on 2017-04-07



Legend

Structure to be Replaced

AEP Substation

Proposed Access Road

138kV Transmission Line Rebuild

Existing Transmission Line

Existing 100-foot Right-Of-Way

Residence

Cemetery

Church

School*

National Land Cover Database

Open Water

Developed, Open Space

Developed, Low Intensity

Developed, Medium Intensity

Developed, High Intensity

Barren Land

Deciduous Forest

Evergreen Forest

Mixed Forest

Shrub/Scrub

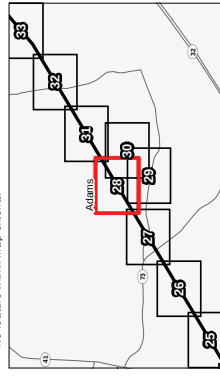
Grassland / Herbaceous

Pasture/Hay

Cultivated Crops

Emergent Herbaceous Wetlands

*No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAD83, OGRP
3. Ohio photography 2015, NAD

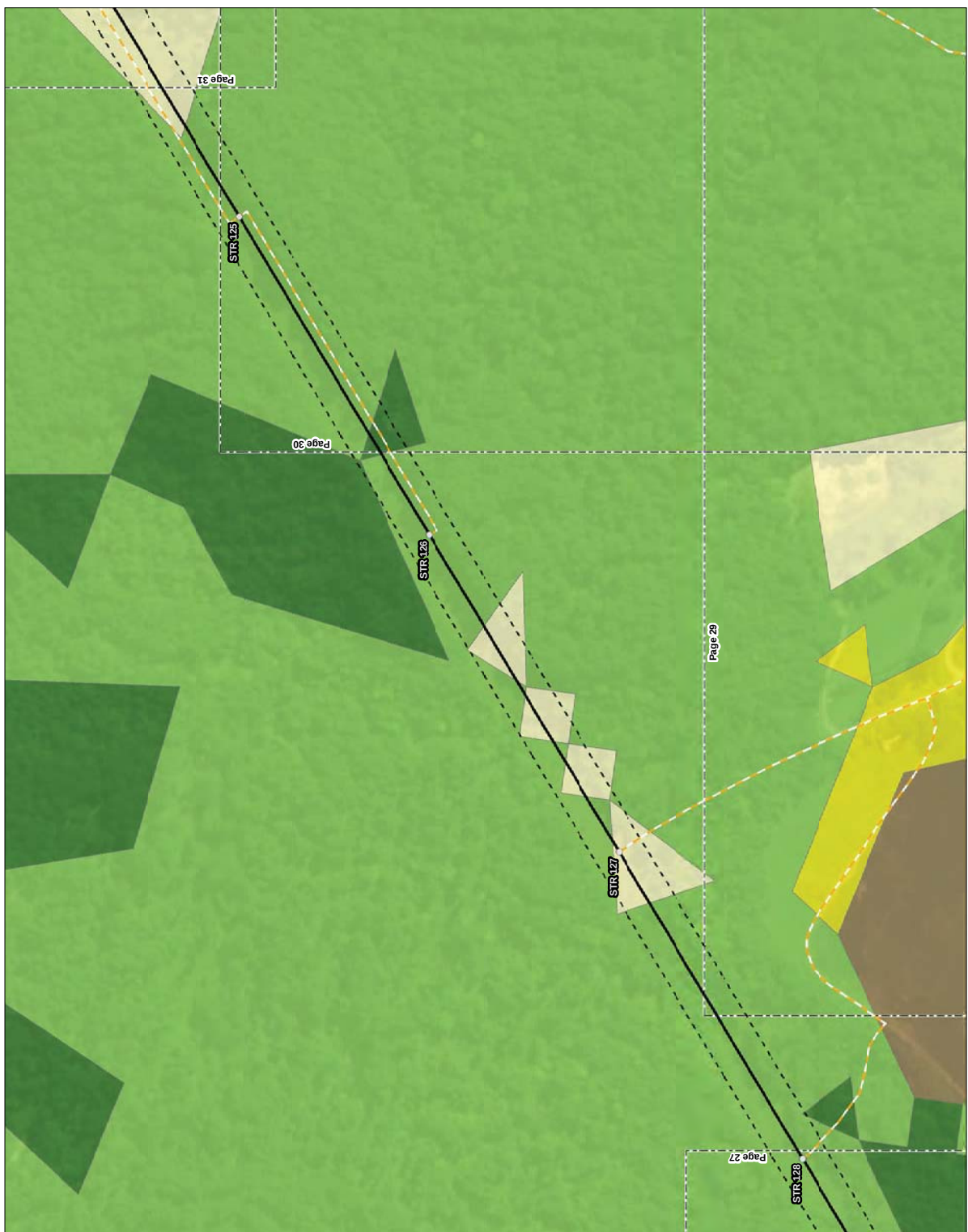


Figure No.

1.3

Title

Land Use Map

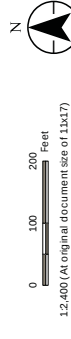
Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

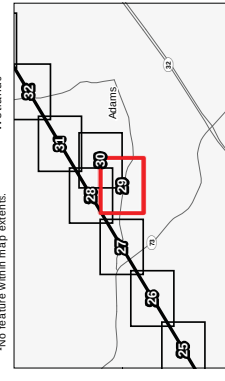
Adams and Pike Counties, Ohio

19370682
Prepared by HDR on 2017-03-15
Technical Review by JDE on 2017-03-15
Independent Review by JDE on 2017-04-07



Legend

- | | |
|-----------------------------------|-------------------------------------|
| Structure to be Replaced | National Land Cover Database |
| ● AEP Substation | ■ Open Water |
| ■ Proposed Access Road | ■ Developed, Open Space |
| ~ 138kV Transmission Line Rebuild | ■ Developed, Low Intensity |
| ~ Existing Transmission Line | ■ Developed, Medium Intensity |
| ~ Existing 100-foot Right-Of-Way | ■ Developed, High Intensity |
| ■ Residence | ■ Barren Land |
| † Cemetery | ■ Deciduous Forest |
| ⛪ Church | ■ Evergreen Forest |
| ⚪ School* | ■ Mixed Forest |
| | ■ Shrub/Scrub |
| | ■ Grassland / Herbaceous |
| | ■ Pasture/Hay |
| | ■ Cultivated Crops |
| | ■ Emergent Herbaceous Wetlands |
- *No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ohio photography 2015, NAD



Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

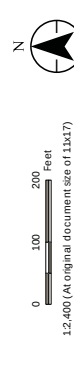
Adams and Pike Counties, Ohio

193706869

Prepared by HDR on 2017-03-15

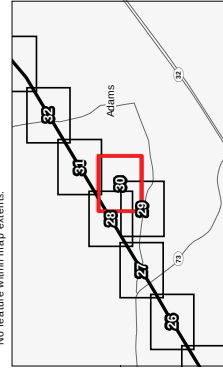
Technical Review by JDE on 2017-03-16

Independent Review by DJS on 2017-04-07



Legend

Structure to be Replaced	National Land Cover Database
● AEP Substation	Open Water
■ Proposed Access Road	Developed, Open Space
— 138kV Transmission Line Rebuild	Developed, Low Intensity
— Existing Transmission Line	Developed, Medium Intensity
— Existing 100-foot Right-Of-Way	Developed, High Intensity
■ Residence	Barren Land
† Cemetery	Deciduous Forest
⛪ Church	Evergreen Forest
⚡ School*	Mixed Forest
	Shrub/Scrub
	Grassland / Herbaceous
	Pasture/Hay
	Cultivated Crops
	Emergent Herbaceous Wetlands



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ohio photography 2015, NAD

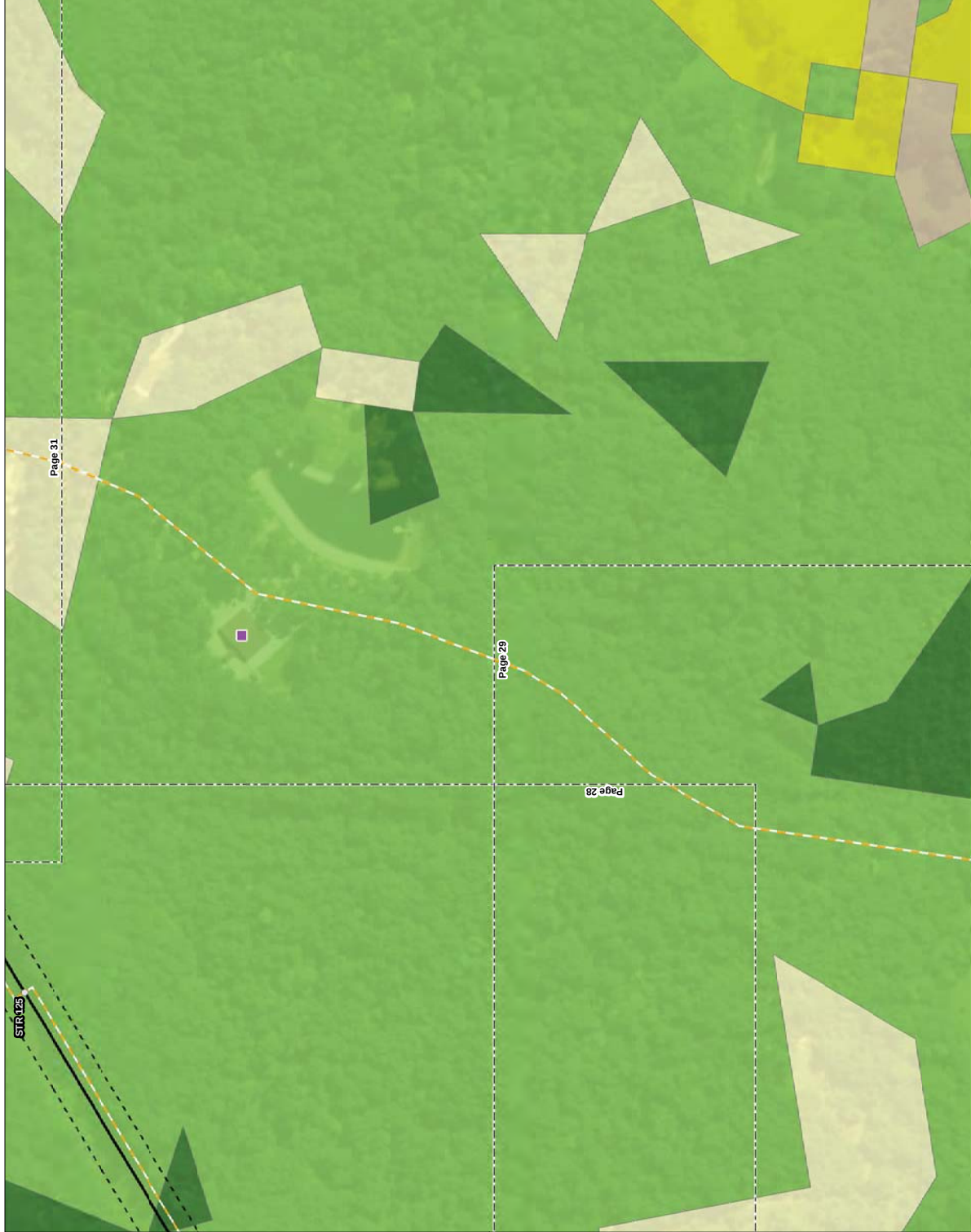


Figure No.
1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.

Ware Road - Seaman

138kV Transmission Line Project

Project Location

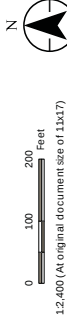
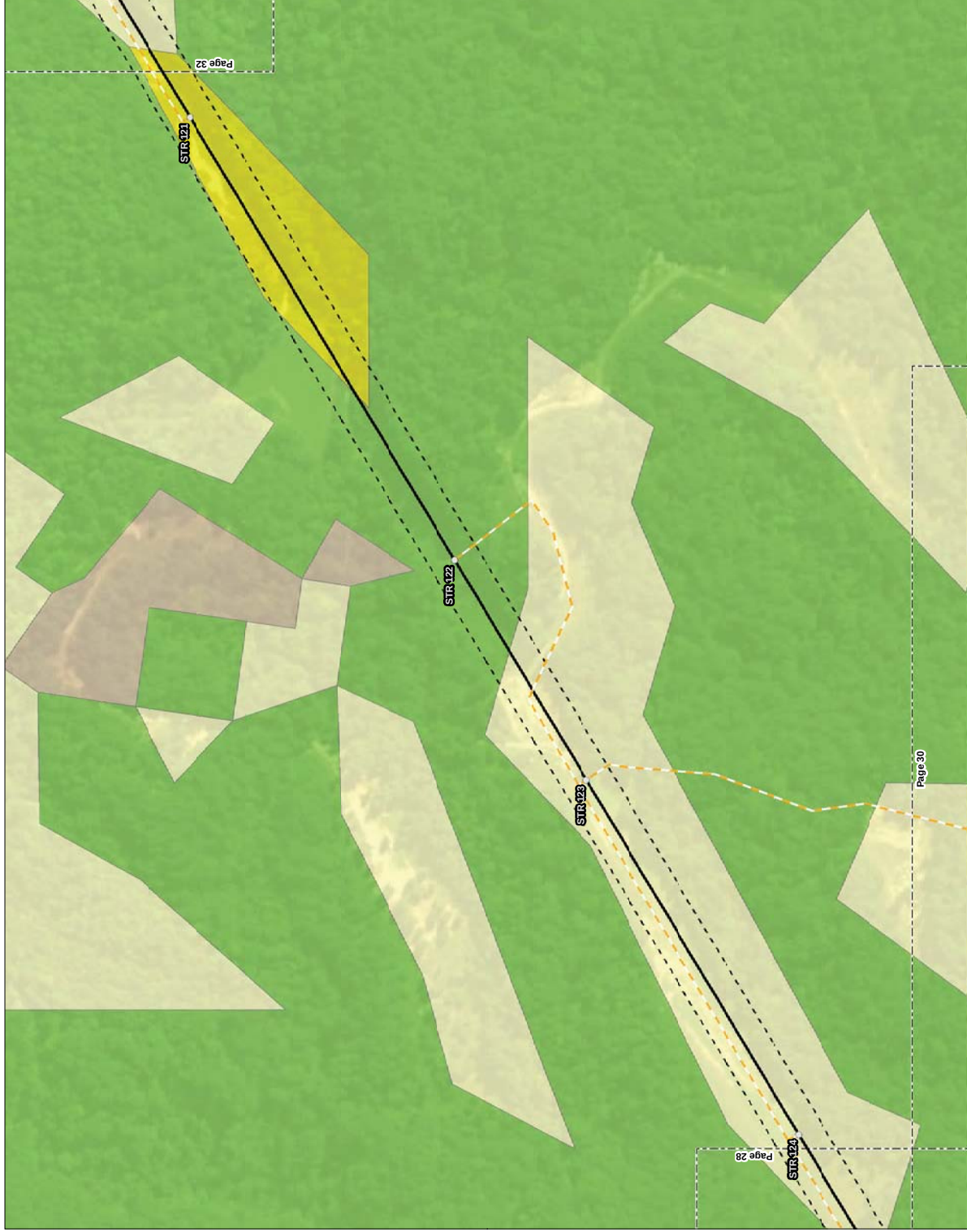
Adams and Pike Counties, Ohio

193706862

Prepared by HDB on 2017-03-15

Technical Review by JDE on 2017-03-16

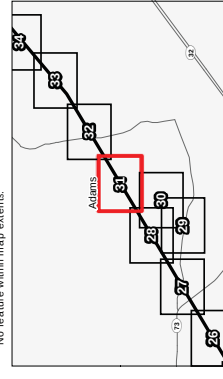
Independent Review by JDE on 2017-04-07



Legend

- | | |
|-----------------------------------|-------------------------------------|
| Structure to be Replaced | National Land Cover Database |
| ● AEP Substation | ■ Open Water |
| ■ Proposed Access Road | ■ Developed, Open Space |
| ~ 138kV Transmission Line Rebuild | ■ Developed, Low Intensity |
| ~ Existing Transmission Line | ■ Developed, Medium Intensity |
| ~ Existing 100-foot Right-Of-Way | ■ Developed, High Intensity |
| ■ Residence | ■ Barren Land |
| † Cemetery | ■ Deciduous Forest |
| ⛪ Church | ■ Evergreen Forest |
| ⚪ School* | ■ Mixed Forest |
| | ■ Shrub/Scrub |
| | ■ Grassland / Herbaceous |
| | ■ Pasture/Hay |
| | ■ Cultivated Crops |
| | ■ Emergent Herbaceous Wetlands |

*No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, M&D, NAOS, OGRP
3. Ohio photography 2015, NAP



Figure No.

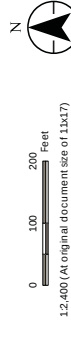
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Title

Land Use Map

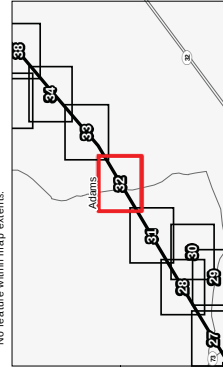
Client/Project
AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location
Adams and Pike Counties, Ohio
193709869
Prepared by HDR on 2017-03-15
Technical Review by JDE on 2017-03-15
Independent Review by JDE on 2017-04-07



Legend

- Structure to be Replaced**
- AEP Substation
 - Proposed Access Road
 - 138kV Transmission Line Rebuild
 - Existing Transmission Line
 - - - Existing 100-foot Right-Of-Way
- National Land Cover Database**
- Open Water
 - Developed, Open Space
 - Developed, Low Intensity
 - Developed, Medium Intensity
 - Developed, High Intensity
 - Barren Land
 - Deciduous Forest
 - Evergreen Forest
 - Mixed Forest
 - Shrub/Scrub
 - Grassland / Herbaceous
 - Pasture/Hay
 - Cultivated Crops
 - Emergent Herbaceous Wetlands
- Other Features**
- Residence
 - Cemetery
 - Church
 - School*
- *No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRIP
3. Ortho photography 2015, NAD



Figure No.
1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

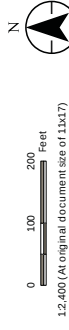
Adams and Pike Counties, Ohio

193709869

Prepared by HDR on 2017-03-15

Technical Review by JDE on 2017-03-15

Independent Review by JDE on 2017-04-07



Legend

Structure to be Replaced

AEP Substation

Proposed Access Road

138kV Transmission Line Rebuild

Existing Transmission Line

Existing 100-foot Right-Of-Way

Residence

Cemetery

Church

School*

National Land Cover Database

Open Water

Developed, Open Space

Developed, Low Intensity

Developed, Medium Intensity

Developed, High Intensity

Barren Land

Deciduous Forest

Evergreen Forest

Mixed Forest

Shrub/Scrub

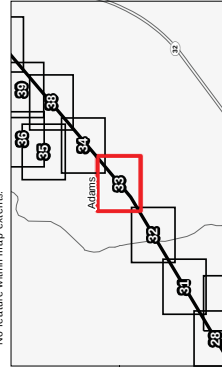
Grassland / Herbaceous

Pasture/Hay

Cultivated Crops

Emergent Herbaceous Wetlands

*No feature within map extents.



Notes

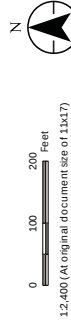
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2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ortho photography 2015, NIP



Client/Project

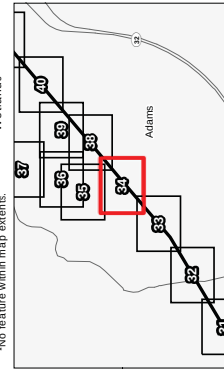
AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location	Adams and Pike Counties, Ohio	193704860
	Prepared by H08 on 2017-03-15	
	Technical Review by J06 on 2017-03-16	
	Independent Review by D06 on 2017-04-07	



Legend

- | Structure to be Replaced | National Land Cover Database |
|--------------------------------------|------------------------------|
| ● AEP Substation | Open Water |
| ■ Proposed Access Road | Developed, Open Space |
| — 138kV Transmission Line Rebuild | Developed, Low Intensity |
| — Existing Transmission Line | Developed, Medium Intensity |
| - - - Existing 100-foot Right-Of-Way | Developed, High Intensity |
| ■ Residence | Barren Land |
| † Cemetery | Deciduous Forest |
| † Church | Evergreen Forest |
| † School* | Mixed Forest |
| | Shrub/Scrub |
| | Grassland/Herbaceous |
| | Pasture/Hay |
| | Cultivated Crops |
| | Emergent Wetlands |
- *For schools within the project area.



NOTES

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NLCD, NADS, OGRIP
3. Ortho photography: 2015, NAIP



Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

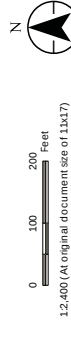
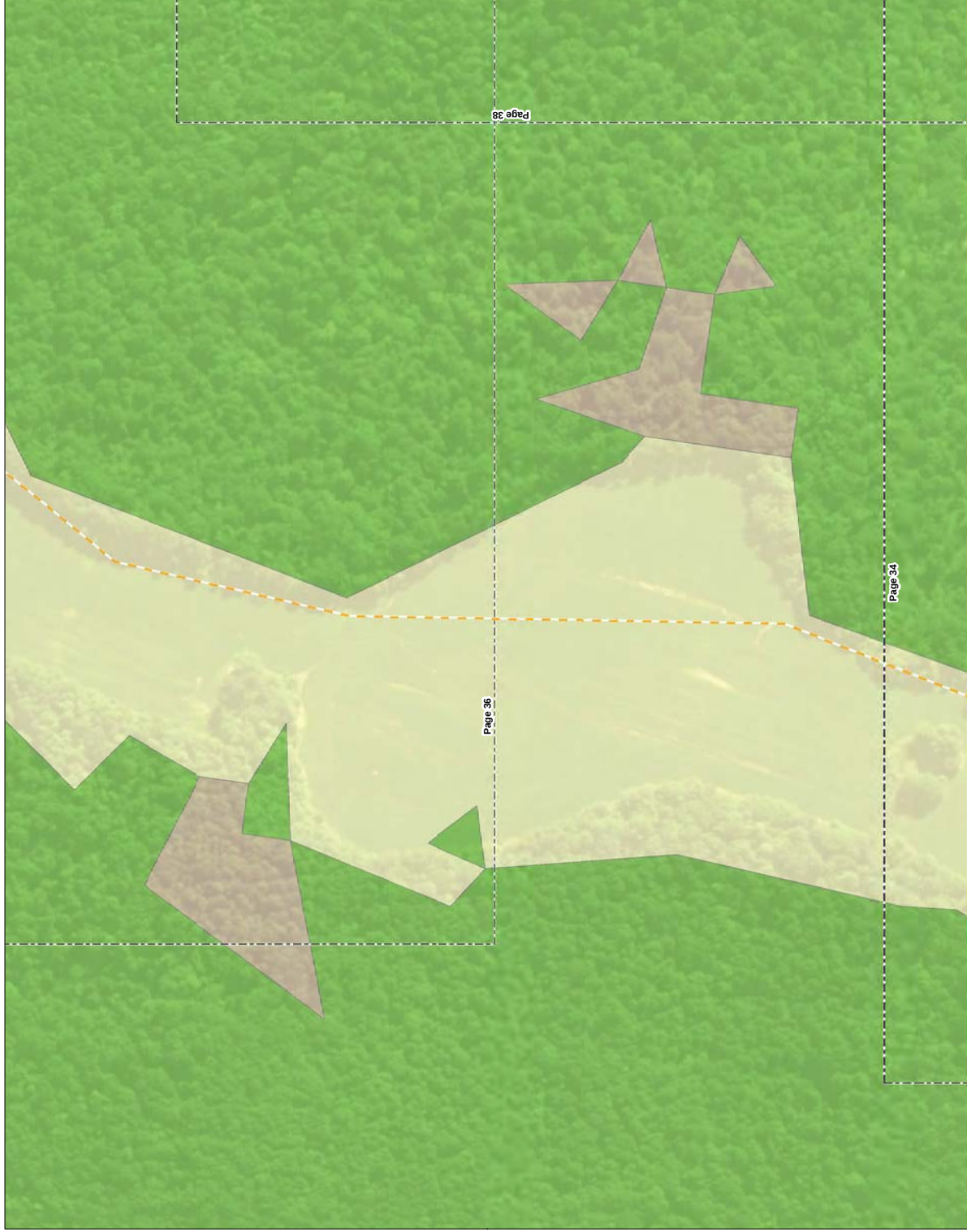
Adams and Pike Counties, Ohio

192705869

Prepared by HDR on 2017-03-15

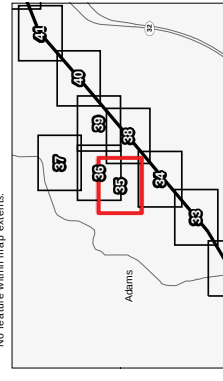
Technical Review by JDE on 2017-03-16

Independent Review by JDE on 2017-04-07



Legend

- Structure to be Replaced**
- AEP Substation
 - Proposed Access Road
 - 138kV Transmission Line Rebuild
 - Existing Transmission Line
 - Existing 100-foot Right-Of-Way
- National Land Cover Database**
- Open Water
 - Developed, Open Space
 - Developed, Low Intensity
 - Developed, Medium Intensity
 - Developed, High Intensity
 - Barren Land
 - Deciduous Forest
 - Evergreen Forest
 - Mixed Forest
 - Shrub/Scrub
 - Grassland / Herbaceous
 - Pasture/Hay
 - Cultivated Crops
 - Emergent Herbaceous Wetlands
- Other Features**
- Residence
 - Cemetery
 - Church
 - School*
- *No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, M&D, NAOS, OGRP
3. Ohio photography 2015, N&P



Figure No.

1.3

Title

Land Use Map

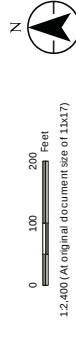
Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

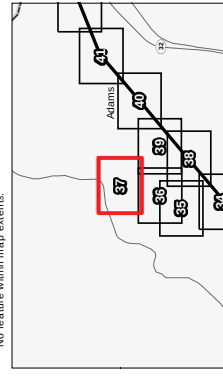
Adams and Pike Counties, Ohio

193709869
Prepared by HDS on 2017-03-15
Technical Review by JDE on 2017-03-15
Independent Review by DJS on 2017-04-07



Legend

- | | |
|-----------------------------------|-------------------------------------|
| Structure to be Replaced | National Land Cover Database |
| ● AEP Substation | ■ Open Water |
| ■ Proposed Access Road | ■ Developed, Open Space |
| ■ 138kV Transmission Line Rebuild | ■ Developed, Low Intensity |
| ■ Existing Transmission Line | ■ Developed, Medium Intensity |
| ■ Existing 100-foot Right-Of-Way | ■ Developed, High Intensity |
| ■ Residence | ■ Barren Land |
| ■ Cemetery | ■ Deciduous Forest |
| ■ Church | ■ Evergreen Forest |
| ■ School* | ■ Mixed Forest |
| | ■ Shrub/Scrub |
| | ■ Grassland / Herbaceous |
| | ■ Pasture/Hay |
| | ■ Cultivated Crops |
| | ■ Emergent Herbaceous Wetlands |
- *No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, M&C, NAD, OGRP
3. Ohio photography 2015, NAD



Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

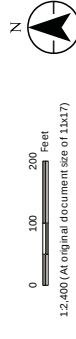
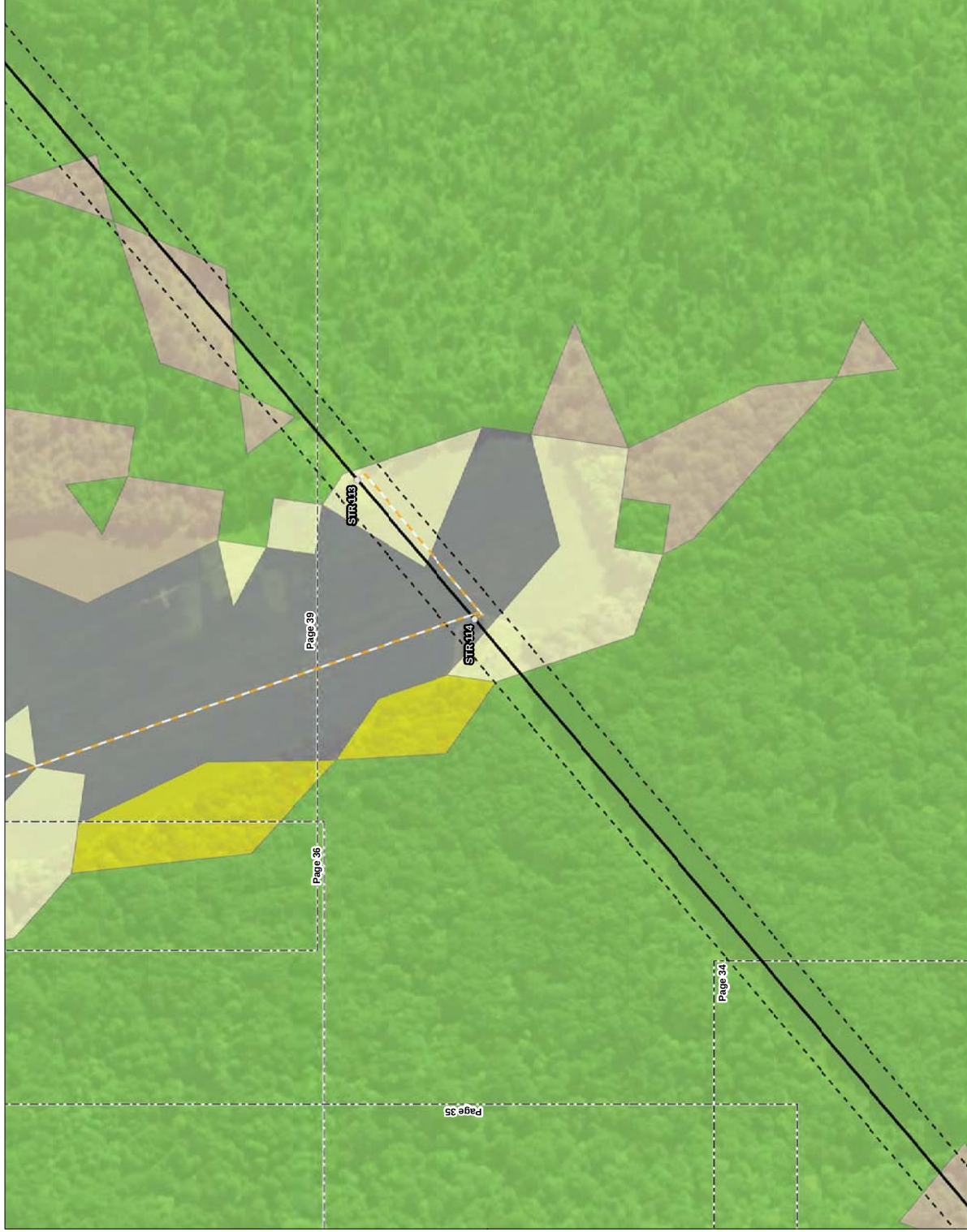
Adams and Pike Counties, Ohio

192709862

Prepared by H2B on 2017-03-15

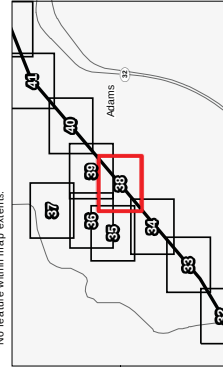
Technical Review by J2B on 2017-03-15

Independent Review by J2B on 2017-04-07



Legend

- Structure to be Replaced**
- AEP Substation
 - Proposed Access Road
 - 138kV Transmission Line Rebuild
 - Existing Transmission Line
 - Existing 100-foot Right-Of-Way
 - Residence
 - Cemetery
 - Church
 - School*
- National Land Cover Database**
- Open Water
 - Developed, Open Space
 - Developed, Low Intensity
 - Developed, Medium Intensity
 - Developed, High Intensity
 - Barren Land
 - Deciduous Forest
 - Evergreen Forest
 - Mixed Forest
 - Shrub/Scrub
 - Grassland / Herbaceous
 - Pasture/Hay
 - Cultivated Crops
 - Emergent Herbaceous Wetlands
- *No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, M&D, N&D, OGRP
3. Ohio photography 2015, N&P



Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

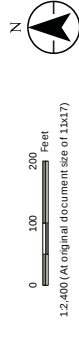
Adams and Pike Counties, Ohio

192706860

Prepared by HDS on 2017-03-15

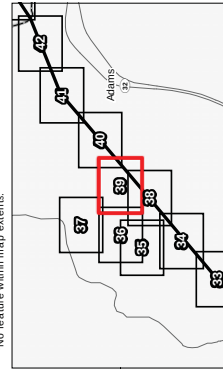
Technical Review by JDE on 2017-03-15

Independent Review by JDE on 2017-04-07



Legend

- Structure to be Replaced**
- AEP Substation
 - Proposed Access Road
 - 138kV Transmission Line Rebuild
 - Existing Transmission Line
 - - - Existing 100-foot Right-Of-Way
- National Land Cover Database**
- Open Water
 - Developed, Open Space
 - Developed, Low Intensity
 - Developed, Medium Intensity
 - Developed, High Intensity
 - Barren Land
 - Deciduous Forest
 - Evergreen Forest
 - Mixed Forest
 - Shrub/Scrub
 - Grassland / Herbaceous
 - Pasture/Hay
 - Cultivated Crops
 - Emergent Herbaceous Wetlands
- Other Features**
- Residence
 - Cemetery
 - Church
 - School*
- *No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAD83, OGR
3. Ohio photography 2015, NAD



Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

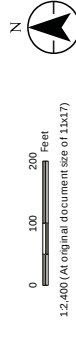
Adams and Pike Counties, Ohio

19270682

Prepared by HSB on 2017-03-15

Technical Review by JDE on 2017-03-16

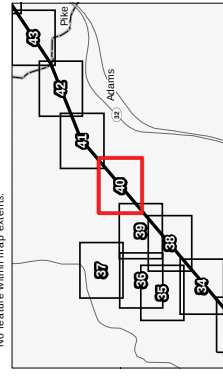
Independent Review by DJS on 2017-04-07



Legend

Structure to be Replaced	Open Water	National Land Cover Database
AEP Substation	Developed, Open Space	
Proposed Access Road	Developed, Low Intensity	
138kV Transmission Line Rebuild	Developed, Medium Intensity	
Existing Transmission Line	Developed, High Intensity	
Existing 100-foot Right-Of-Way	Barren Land	
Residence	Deciduous Forest	
Cemetery	Evergreen Forest	
Church	Mixed Forest	
School*	Shrub/Scrub	
	Grassland / Herbaceous	
	Pasture/Hay	
	Cultivated Crops	
	Emergent Herbaceous Wetlands	

*No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NADOS, OGRP
3. Ohio photography 2015, NAD



Figure No.

1.3

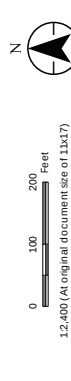
Title

Land Use Map

Client/Project
AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

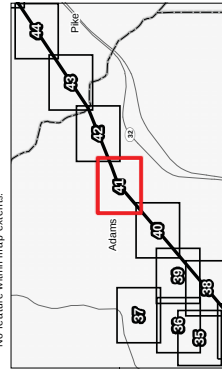
Project Location
Adams and Pike Counties, Ohio

192706862
Prepared by HDR on 2017-03-15
Technical Review by JDE on 2017-03-16
Independent Review by DJS on 2017-04-07



Legend

- Structure to be Replaced
- AEP Substation
 - Proposed Access Road
 - 138kV Transmission Line Rebuild
 - Existing Transmission Line
 - Existing 100-foot Right-Of-Way
 - Residence
 - †† Cemetery
 - ⛪ Church
 - ⚡ School*
- National Land Cover Database
- Open Water
 - Developed, Open Space
 - Developed, Low Intensity
 - Developed, Medium Intensity
 - Developed, High Intensity
 - Barren Land
 - Deciduous Forest
 - Evergreen Forest
 - Mixed Forest
 - Shrub/Scrub
 - Grassland / Herbaceous
 - Pasture/Hay
 - Cultivated Crops
 - Emergent Herbaceous Wetlands
- *No feature within map extents.



- Notes
1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
 2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
 3. Ohio photography 2015, NAD



Figure No.

1.3

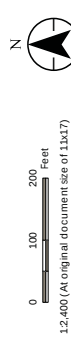
Title

Land Use Map

Client/Project
AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

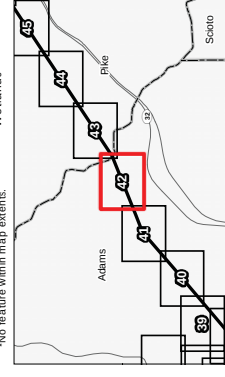
Project Location
Adams and Pike Counties, Ohio

192709692
Prepared by HDR on 2017-03-15
Technical Review by JDE on 2017-03-15
Independent Review by DJS on 2017-04-07



Legend

- Structure to be Replaced**
- AEP Substation
 - Proposed Access Road
 - 138kV Transmission Line Rebuild
 - Existing Transmission Line
 - - - Existing 100-foot Right-Of-Way
- National Land Cover Database**
- Open Water
 - Developed, Open Space
 - Developed, Low Intensity
 - Developed, Medium Intensity
 - Developed, High Intensity
 - Barren Land
 - Deciduous Forest
 - Evergreen Forest
 - Mixed Forest
 - Shrub/Scrub
 - Grassland / Herbaceous
 - Pasture/Hay
 - Cultivated Crops
 - Emergent Herbaceous Wetlands
- Other Features**
- Residence
 - Cemetery
 - Church
 - School*
- *No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ortho photography 2015, NIP



Figure No.
1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.

Ware Road - Seaman

138kV Transmission Line Project

Project Location

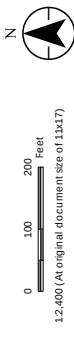
Adams and Pike Counties, Ohio

193709869

Prepared by HDS on 2017-03-15

Technical Review by JDE on 2017-03-16

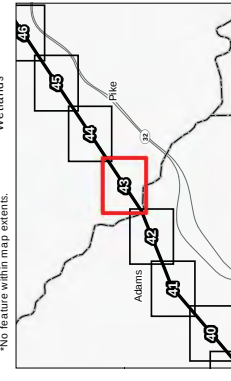
Independent Review by DJS on 2017-04-07



Legend

- | | |
|-----------------------------------|-------------------------------------|
| Structure to be Replaced | National Land Cover Database |
| ● AEP Substation | ■ Open Water |
| ■ Proposed Access Road | ■ Developed, Open Space |
| ■ 138kV Transmission Line Rebuild | ■ Developed, Low Intensity |
| ■ Existing Transmission Line | ■ Developed, Medium Intensity |
| ■ Existing 100-foot Right-Of-Way | ■ Developed, High Intensity |
| ■ Residence | ■ Barren Land |
| ■ Cemetery | ■ Deciduous Forest |
| ■ Church | ■ Evergreen Forest |
| ■ School* | ■ Mixed Forest |
| | ■ Shrub/Scrub |
| | ■ Grassland / Herbaceous |
| | ■ Pasture/Hay |
| | ■ Cultivated Crops |
| | ■ Emergent Herbaceous Wetlands |

*No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ortho photography 2015, NAD



Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

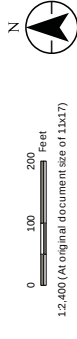
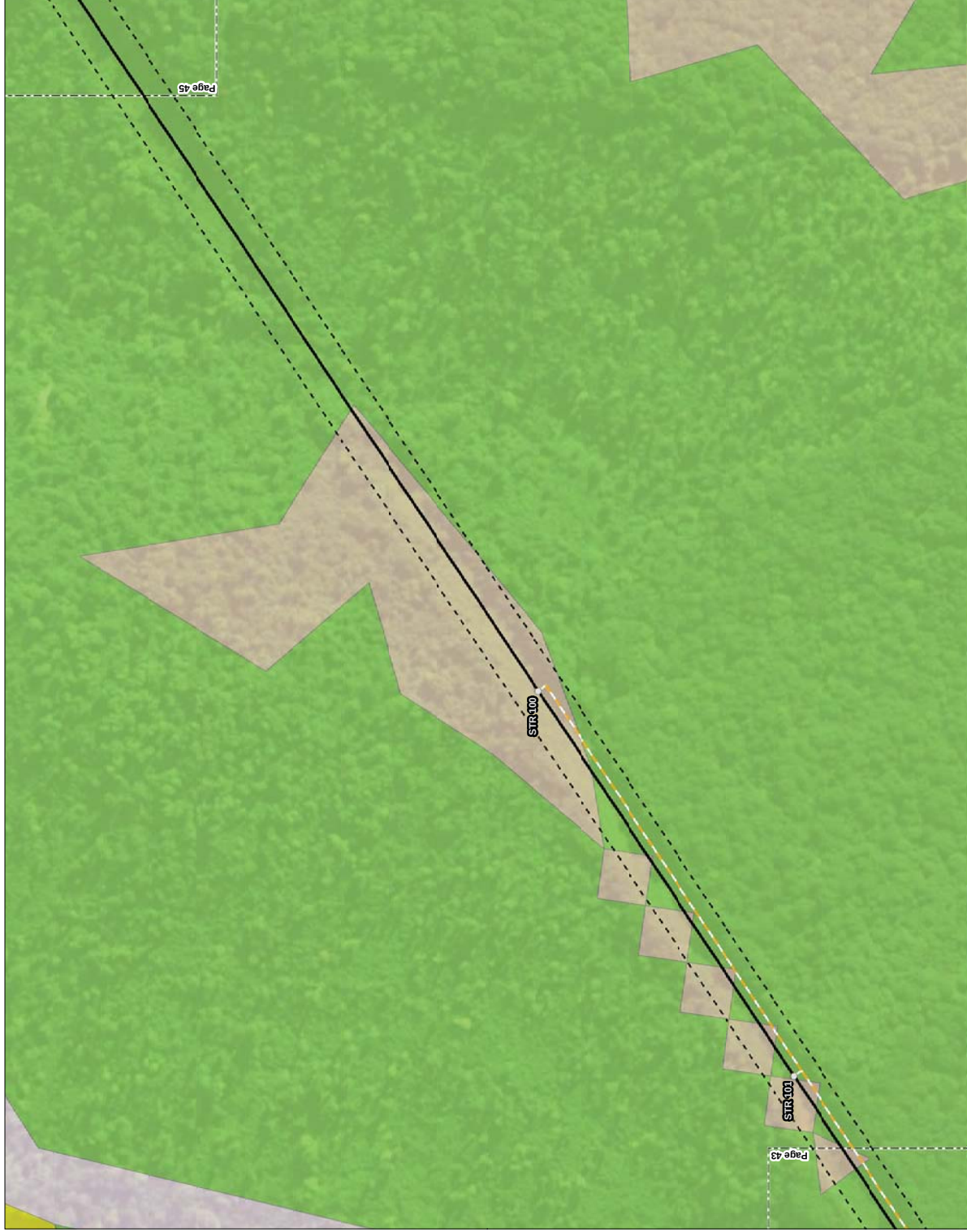
Adams and Pike Counties, Ohio

193706860

Prepared by HSB on 2017-03-15

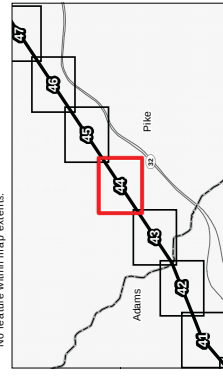
Technical Review by JSP on 2017-03-16

Independent Review by JSP on 2017-04-07



Legend

- Structure to be Replaced**
- AEP Substation
 - Proposed Access Road
 - 138kV Transmission Line Rebuild
 - Existing Transmission Line
 - Existing 100-foot Right-Of-Way
 - Residence
 - † Cemetery
 - ⛪ Church
 - ⚪ School*
- National Land Cover Database**
- Open Water
 - Developed, Open Space
 - Developed, Low Intensity
 - Developed, Medium Intensity
 - Developed, High Intensity
 - Barren Land
 - Deciduous Forest
 - Evergreen Forest
 - Mixed Forest
 - Shrub/Scrub
 - Grassland / Herbaceous
 - Pasture/Hay
 - Cultivated Crops
 - Emergent Herbaceous Wetlands
- *No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ohio photography 2015, NAD



Figure No.
1.3

Title

Land Use Map

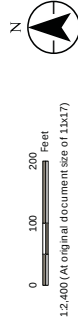
Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

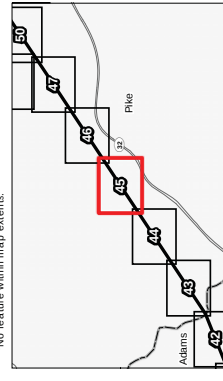
193706869
Prepared by HDR on 2017-03-15
Technical Review by JDE on 2017-03-16
Independent Review by JDE on 2017-04-07



Legend

Structure to be Replaced	National Land Cover Database
● AEP Substation	Open Water
■ Proposed Access Road	Developed, Open Space
— 138kV Transmission Line Rebuild	Developed, Low Intensity
— Existing Transmission Line	Developed, Medium Intensity
— Existing 100-foot Right-Of-Way	Developed, High Intensity
■ Residence	Barren Land
†† Cemetery	Deciduous Forest
⛪ Church	Evergreen Forest
⚪ School*	Mixed Forest
	Shrub/Scrub
	Grassland / Herbaceous
	Pasture/Hay
	Cultivated Crops
	Emergent Herbaceous Wetlands

*No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, M&D, NAOS, OGRP
3. Ohio photography 2015, NIP

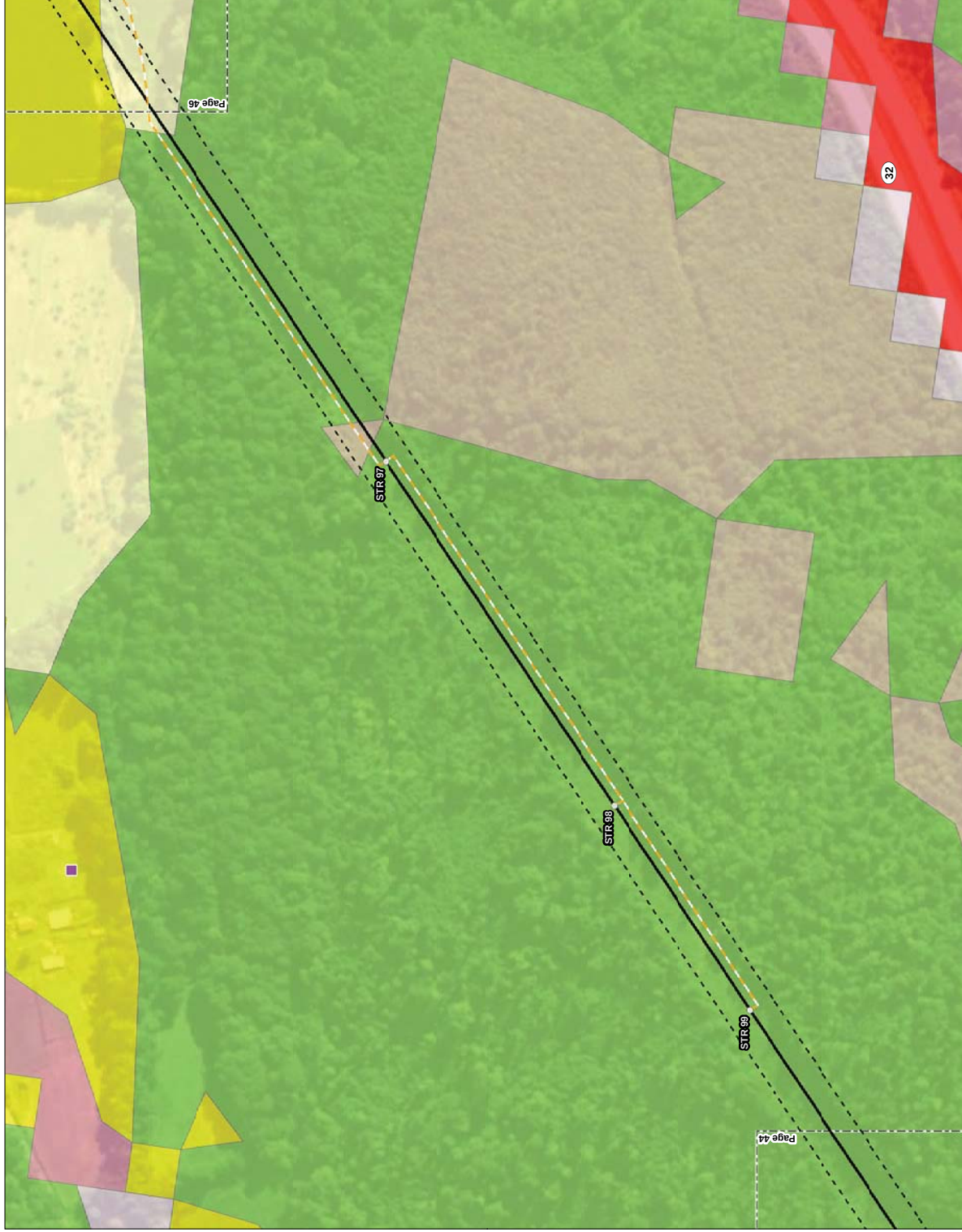


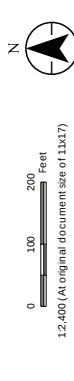
Figure No.
1.3

Title
Land Use Map

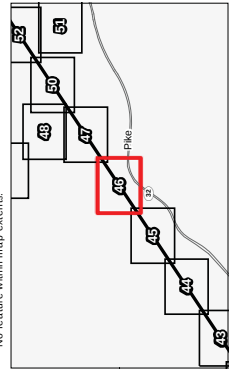
Client/Project
AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location
Adams and Pike Counties, Ohio

192709869
Prepared by HDB on 2017-03-15
Technical Review by JDE on 2017-03-16
Independent Review by DJS on 2017-04-07



- Legend**
- | | |
|-----------------------------------|-------------------------------------|
| Structure to be Replaced | National Land Cover Database |
| ● AEP Substation | ■ Open Water |
| ■ Proposed Access Road | ■ Developed, Open Space |
| ■ 138kV Transmission Line Rebuild | ■ Developed, Low Intensity |
| ■ Existing Transmission Line | ■ Developed, Medium Intensity |
| ■ Existing 100-foot Right-Of-Way | ■ Developed, High Intensity |
| ■ Residence | ■ Barren Land |
| ■ Cemetery | ■ Deciduous Forest |
| ■ Church | ■ Evergreen Forest |
| ■ School* | ■ Mixed Forest |
| | ■ Shrub/Scrub |
| | ■ Grassland / Herbaceous |
| | ■ Pasture/Hay |
| | ■ Cultivated Crops |
| | ■ Emergent Herbaceous Wetlands |



- Notes**
1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
 2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
 3. Ohio photography 2015, NIP

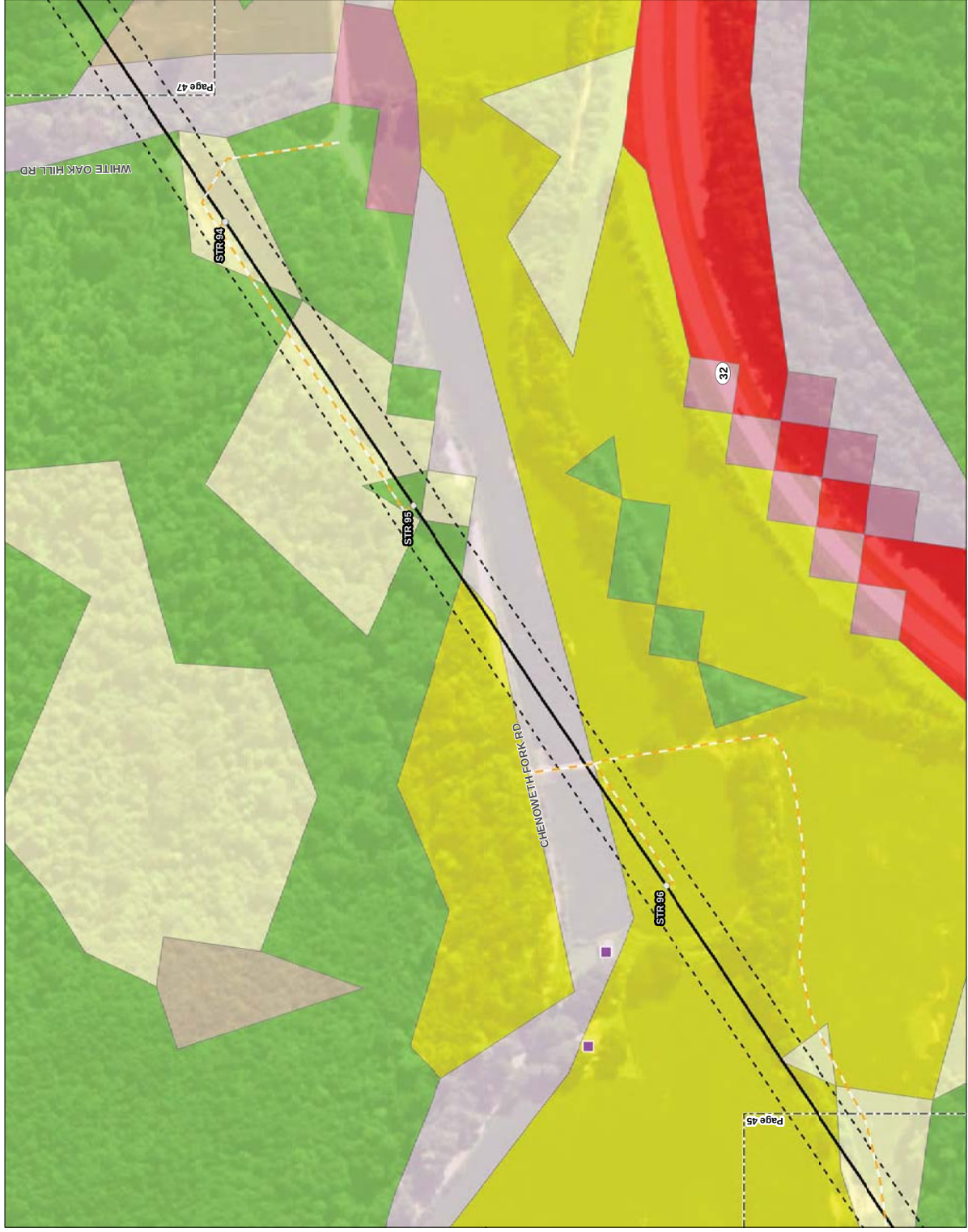


Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

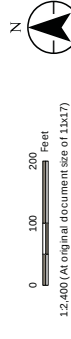
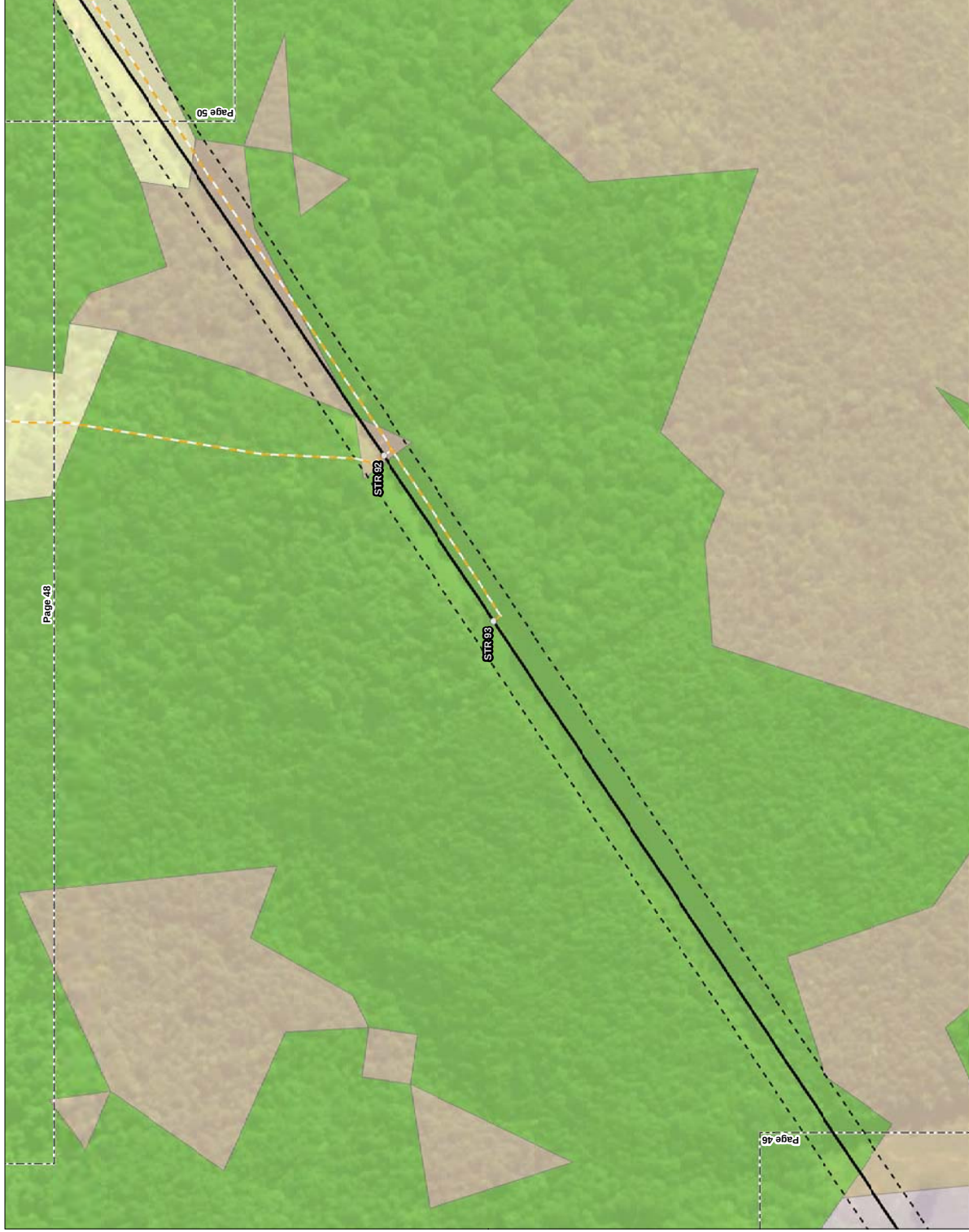
Adams and Pike Counties, Ohio

193706869

Prepared by HDB on 2017-03-15

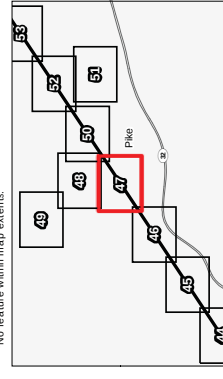
Technical Review by JDB on 2017-03-15

Independent Review by JDB on 2017-04-07



Legend

- Structure to be Replaced**
- AEP Substation
 - Proposed Access Road
 - 138kV Transmission Line Rebuild
 - Existing Transmission Line
 - Existing 100-foot Right-Of-Way
 - Residence
 - †† Cemetery
 - ⛪ Church
 - ⚪ School*
- National Land Cover Database**
- Open Water
 - Developed, Open Space
 - Developed, Low Intensity
 - Developed, Medium Intensity
 - Developed, High Intensity
 - Barren Land
 - Deciduous Forest
 - Evergreen Forest
 - Mixed Forest
 - Shrub/Scrub
 - Grassland / Herbaceous
 - Pasture/Hay
 - Cultivated Crops
 - Emergent Herbaceous Wetlands
- *No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ohio photography 2015, NAD



Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

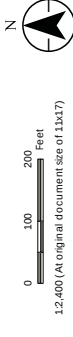
Adams and Pike Counties, Ohio

193704862

Prepared by HDR on 2017-03-15

Technical Review by JDE on 2017-03-16

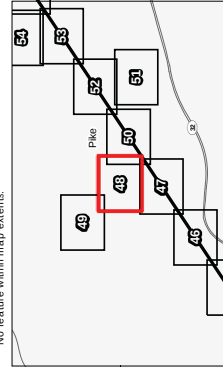
Independent Review by JDE on 2017-04-07



Legend

Structure to be Replaced	National Land Cover Database
● AEP Substation	Open Water
■ Proposed Access Road	Developed, Open Space
— 138kV Transmission Line Rebuild	Developed, Low Intensity
— Existing Transmission Line	Developed, Medium Intensity
— Existing 100-foot Right-Of-Way	Developed, High Intensity
■ Residence	Barren Land
†† Cemetery	Deciduous Forest
⛪ Church	Evergreen Forest
⚡ School*	Mixed Forest
	Shrub/Scrub
	Grassland / Herbaceous
	Pasture/Hay
	Cultivated Crops
	Emergent Herbaceous Wetlands

*No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ohio photography 2015, NIP



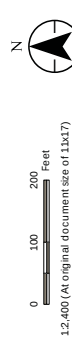
Figure No.
1.3

Title
Land Use Map

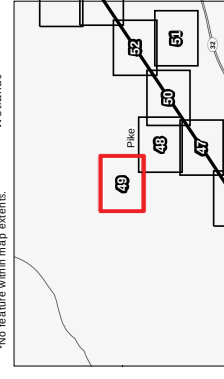
Client/Project
AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location
Adams and Pike Counties, Ohio

192706862
Prepared by HDR on 2017-03-15
Technical Review by JDE on 2017-03-16
Independent Review by DJS on 2017-04-07



- Legend**
- | | | |
|---------------------------------|------------------------------|------------------------------|
| Structure to be Replaced | Open Water | National Land Cover Database |
| AEP Substation | Developed, Open Space | |
| Proposed Access Road | Developed, Low Intensity | |
| 138kV Transmission Line Rebuild | Developed, Medium Intensity | |
| Existing Transmission Line | Developed, High Intensity | |
| Existing 100-foot Right-Of-Way | Barren Land | |
| Residence | Deciduous Forest | |
| Cemetery | Evergreen Forest | |
| Church | Mixed Forest | |
| School* | Shrub/Scrub | |
| | Grassland / Herbaceous | |
| | Pasture/Hay | |
| | Cultivated Crops | |
| | Emergent Herbaceous Wetlands | |
- *No feature within map extents.



- Notes**
1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
 2. Data Sources include: Stantec, AEP, M&C, N&D, OGRP
 3. Ohio photography 2015, N&P



Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

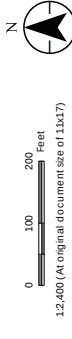
Adams and Pike Counties, Ohio

193709869

Prepared by HDR on 2017-03-15

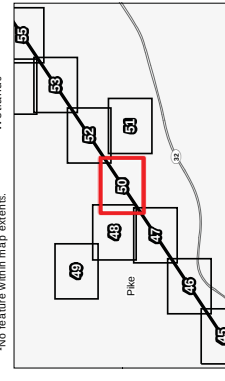
Technical Review by JDP on 2017-03-16

Independent Review by DJS on 2017-04-07



Legend

- Structure to be Replaced**
- AEP Substation
 - Proposed Access Road
 - ~ 138kV Transmission Line Rebuild
 - ~ Existing Transmission Line
 - ~ Existing 100-foot Right-Of-Way
 - Residence
 - † Cemetery
 - ⛪ Church
 - ⚪ School*
- National Land Cover Database**
- Open Water
 - Developed, Open Space
 - Developed, Low Intensity
 - Developed, Medium Intensity
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 - Emergent Herbaceous Wetlands
- *No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NACD, NADS, OGRP
3. Ortho photography: 2015, NIP



Figure No.

1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

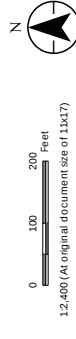
Adams and Pike Counties, Ohio

19270682

Prepared by HSB on 2017-03-15

Technical Review by JSP on 2017-03-15

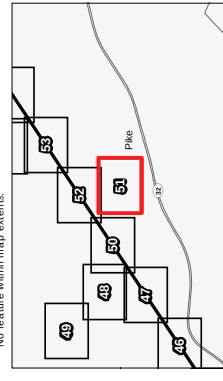
Independent Review by DJS on 2017-04-07



Legend

- | | |
|--|-------------------------------------|
| Structure to be Replaced | National Land Cover Database |
| ● | Open Water |
| ■ | Developed, Open Space |
| — | Developed, Low Intensity |
| — | Developed, Medium Intensity |
| — | Developed, High Intensity |
| — | Barren Land |
| — | Deciduous Forest |
| — | Evergreen Forest |
| — | Mixed Forest |
| — | Shrub/Scrub |
| — | Grassland / Herbaceous |
| — | Pasture/Hay |
| — | Cultivated Crops |
| — | Emergent Herbaceous Wetlands |
| — | Wetlands |
| Proposed Access Road | |
| — | |
| 138kV Transmission Line Rebuild | |
| — | |
| Existing Transmission Line | |
| — | |
| Existing 100-foot Right-Of-Way | |
| — | |
| Residence | |
| ■ | |
| Cemetery | |
| ■ | |
| Church | |
| ■ | |
| School* | |
| ■ | |

*No feature within map extents.



Notes

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3. Ortho photography 2015, NAD



Figure No.
1.3

Title

Land Use Map

Client/Project

AEP Ohio Transmission Company, Inc.
Ware Road - Seaman
138kV Transmission Line Project

Project Location

Adams and Pike Counties, Ohio

193709869

Prepared by HDS on 2017-03-15

Technical Review by JSP on 2017-03-16

Independent Review by DJS on 2017-04-07

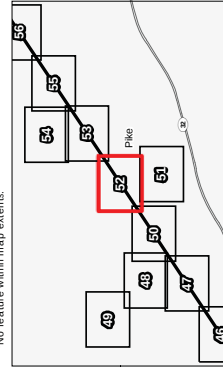


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Legend

Structure to be Replaced	Open Water	National Land Cover Database
AEP Substation	Developed, Open Space	
Proposed Access Road	Developed, Low Intensity	
138kV Transmission Line Rebuild	Developed, Medium Intensity	
Existing Transmission Line	Developed, High Intensity	
Existing 100-foot Right-Of-Way	Barren Land	
Residence	Deciduous Forest	
Cemetery	Evergreen Forest	
Church	Mixed Forest	
School*	Shrub/Scrub	
	Grassland / Herbaceous	
	Pasture/Hay	
	Cultivated Crops	
	Emergent Herbaceous Wetlands	

*No feature within map extents.



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources include: Stantec, AEP, NLCD, NAOS, OGRP
3. Ohio photography 2015, NAD



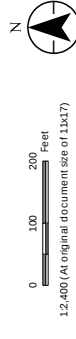
Figure No.

1.3

Title

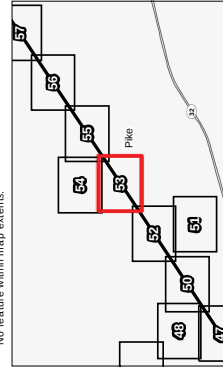
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Project Location
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193709869
Prepared by HDR on 2017-03-15
Technical Review by JDE on 2017-03-16
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Notes

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2. Data Sources include: Stantec, AEP, NACD, NAOS, OGRP
3. Ohio photography 2015, NAP



This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

5/5/2017 1:39:05 PM

in

Case No(s). 17-0813-EL-BLN

Summary: Letter of Notification electronically filed by Mr. Hector Garcia on behalf of AEP Ohio Transmission Company