

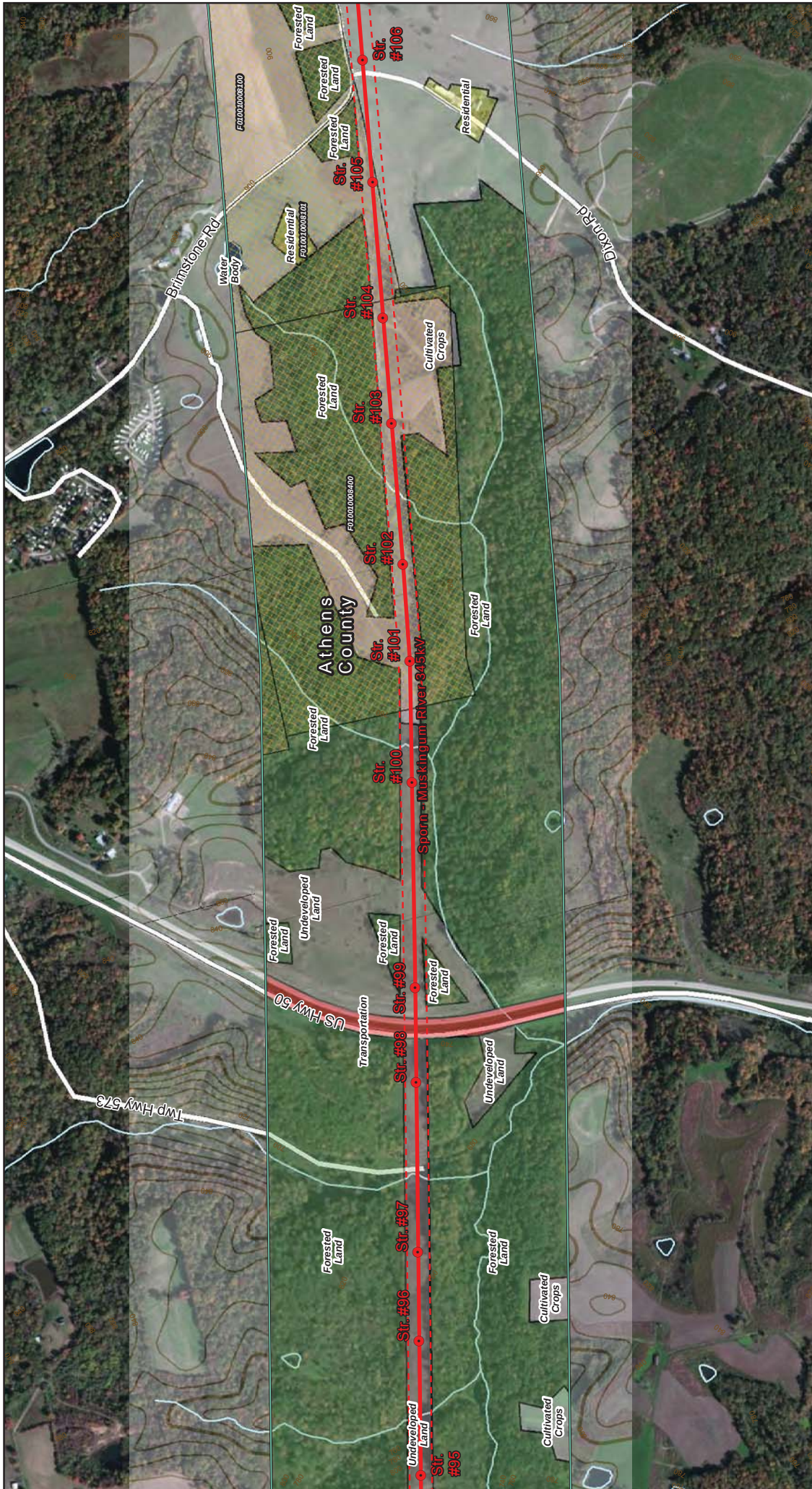


Figure 2
Land Use Map
Sporn - Muskingum River 34kV Transmission Line
Map Sheet 20 of 44

Commonwealth Associates Inc.

Scale: 1" = 600 feet
Date: 02/2014

Comments: Sporn - Muskingum River 34kV ESR
Athens, Morgan and Washington Counties

AEP

700 Morrison Rd.
Athens, OH 45705
PH: (614) 715-1000
Fax: (614) 552-1818

Legend

- Substation
- Existing Structure
- Proposed Replacement Structure
- Proposed Reinforcement Structure
- Sporn - Muskingum River 34kV Transmission Line
- Agriculture District
- Right of Way
- 2,000 Ft. Corridor
- 1 inch = 600 feet
- Municipality
- County
- Contour
- Interstate
- Highway
- Major/Local Road
- Open Water
- Cultivated Crops
- Undeveloped Land
- Forest
- Industrial
- Residential
- Transportation
- 1,000 Ft. Buffer
- 2,400 Feet

North Arrow

Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3202 Feet

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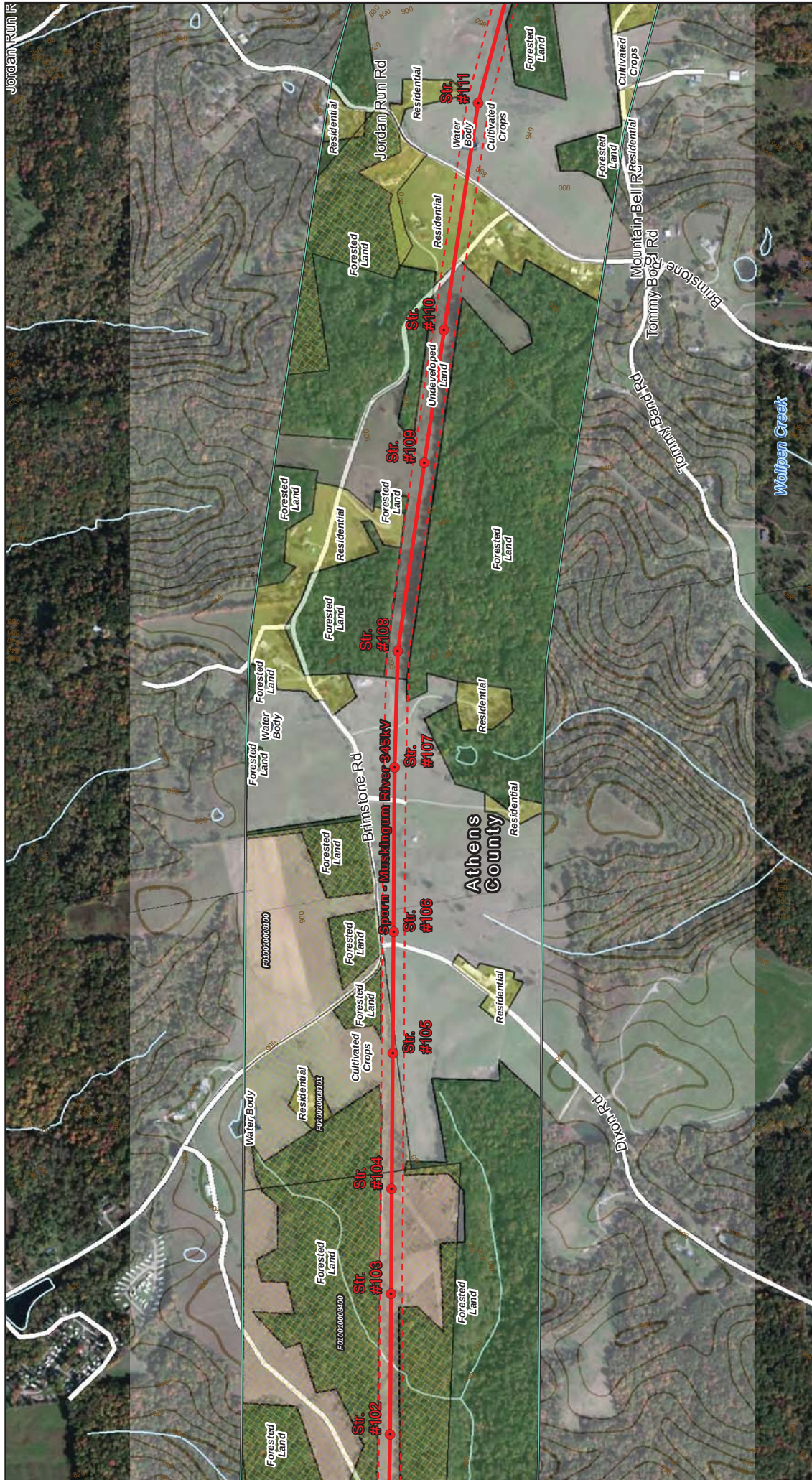


Figure 2
Land Use Map
Sporn - Muskingum River 345KV Transmission Line
Map Sheet 21 of 44

Commonwealth Associates Inc.

Scale: 1" = 600' (ASR)
Date: 09/2014

Comments: Athens, Morgan and Washington Counties

AEP

700 Morrison Rd.
PH: (614) 715-1000
Fax: (614) 552-1818

Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet

Legend:

- Substation:** Red triangle
- Existing Structure:** Red circle
- Proposed Replacement Structure:** Yellow circle
- Proposed Reinforcement Structure:** Purple circle
- Sporn - Muskingum River 345KV Transmission Line:** Red line
- Agriculture District:** Yellow hatched area
- Right of Way:** Dashed red line
- 2,000 Ft. Corridor:** Dashed red line
- 1 inch = 600 feet**
- Municipality:** Yellow outline
- County:** White outline
- Interstate:** Blue line
- Highway:** Red line
- Major/Local Road:** Red line
- Contour:** Brown line
- Open Water:** Blue area
- Cultivated Crops:** Green area
- Undeveloped Land:** Light green area
- Forest:** Dark green area
- Industrial:** Red area
- Residential:** Yellow area
- Transportation:** Red area
- 1,000 Ft. Buffer:** Red area
- 2,400 Feet:** Red area

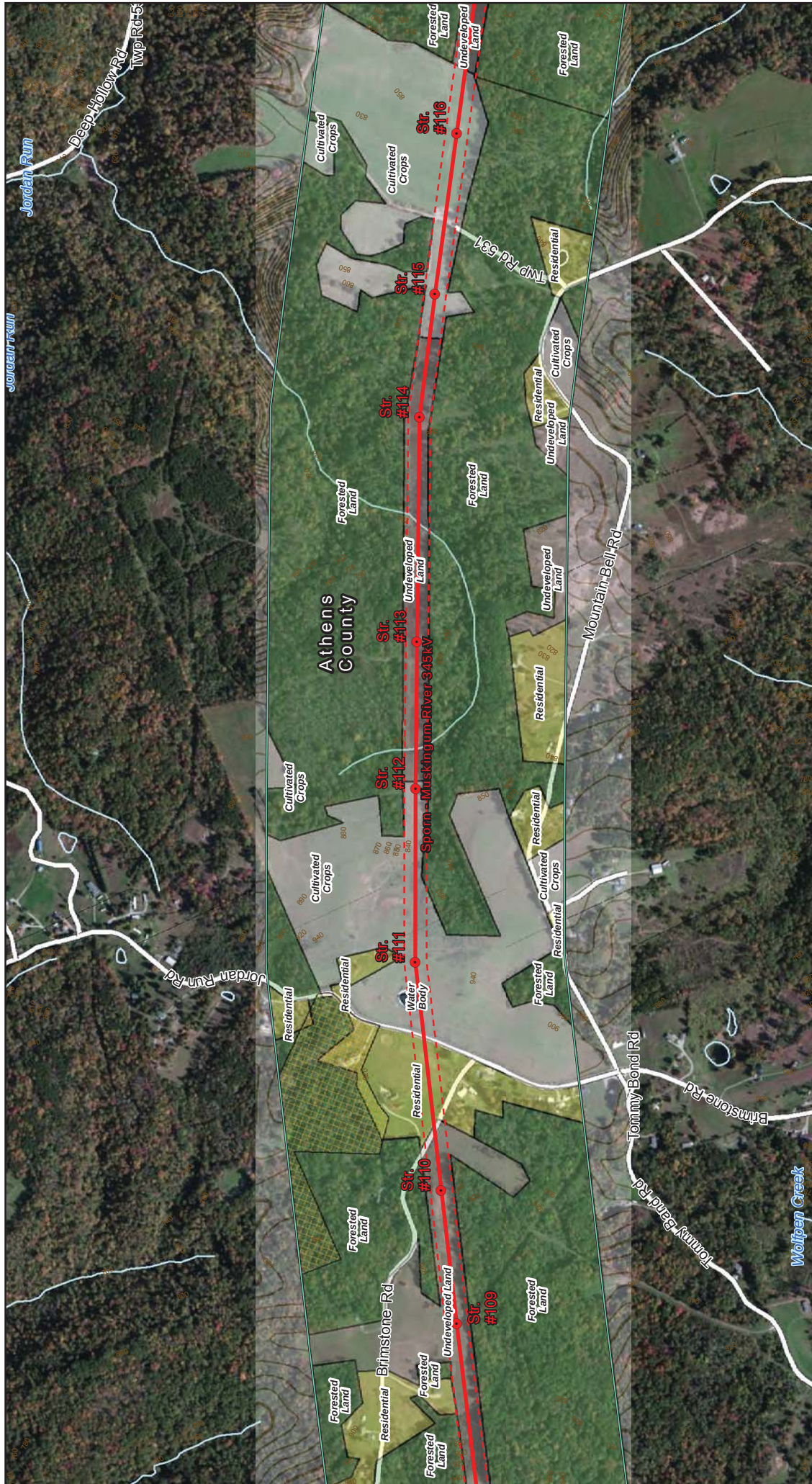
Scale: 1" = 600' (ASR)
Date: 09/2014

Comments: Athens, Morgan and Washington Counties

North Arrow

Map Sheet 21 of 44

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Legend

- Substation
- Existing Structure
- Proposed Replacement Structure
- Proposed Reinforcement Structure
- Sporn - Muskingum River 345KV Transmission Line
- Agriculture District
- Right of Way
- 2,000 Ft. Corridor
- 1 inch = 600 feet
- Municipality
- County
- Contour
- Major/Local Road
- Interstate
- Highway
- Open Water
- Cultivated Crops
- Undeveloped Land
- Forest
- Industrial
- Residential
- Transportation
- 1,000 Ft. Buffer
- 2,400 Feet

Figure 2
Land Use Map
Sporn - Muskingum River 345KV Transmission Line
Map Sheet 22 of 44

Commonwealth Associates Inc.

Scale: 1 inch = 600 feet
Date: 09/2014

Source: Commonwealth Associates Inc. 2014 ESRI
Athens, Morgan, Morgan and Washington Counties

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Figure 2
Land Use Map
Sporn - Muskingum River 345 KV Transmission Line
Map Sheet 23 of 44

Commonwealth Associates Inc.

Scale: 1" = 600' Feet
Date: 4/2/2014

Comments: Sporn - Muskingum River 345 KV ESRI
Athens, Meigs, Morgan and Washington Counties

Legend

- Substation
- Existing Structure
- Proposed Replacement Structure
- Proposed Reinforcement Structure
- Municipality
- County
- Contour
- Right of Way
- 2,000 Ft. Corridor
- 1,000 Ft. Buffer
- Open Water
- Cultivated Crops
- Undeveloped Land
- Forest
- Industrial
- Residential
- Transportation

Sporn - Muskingum River 345KV Transmission Line

Agriculture District

1 inch = 600 feet

0 300 600 1,200 1,800 2,400 Feet

Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet

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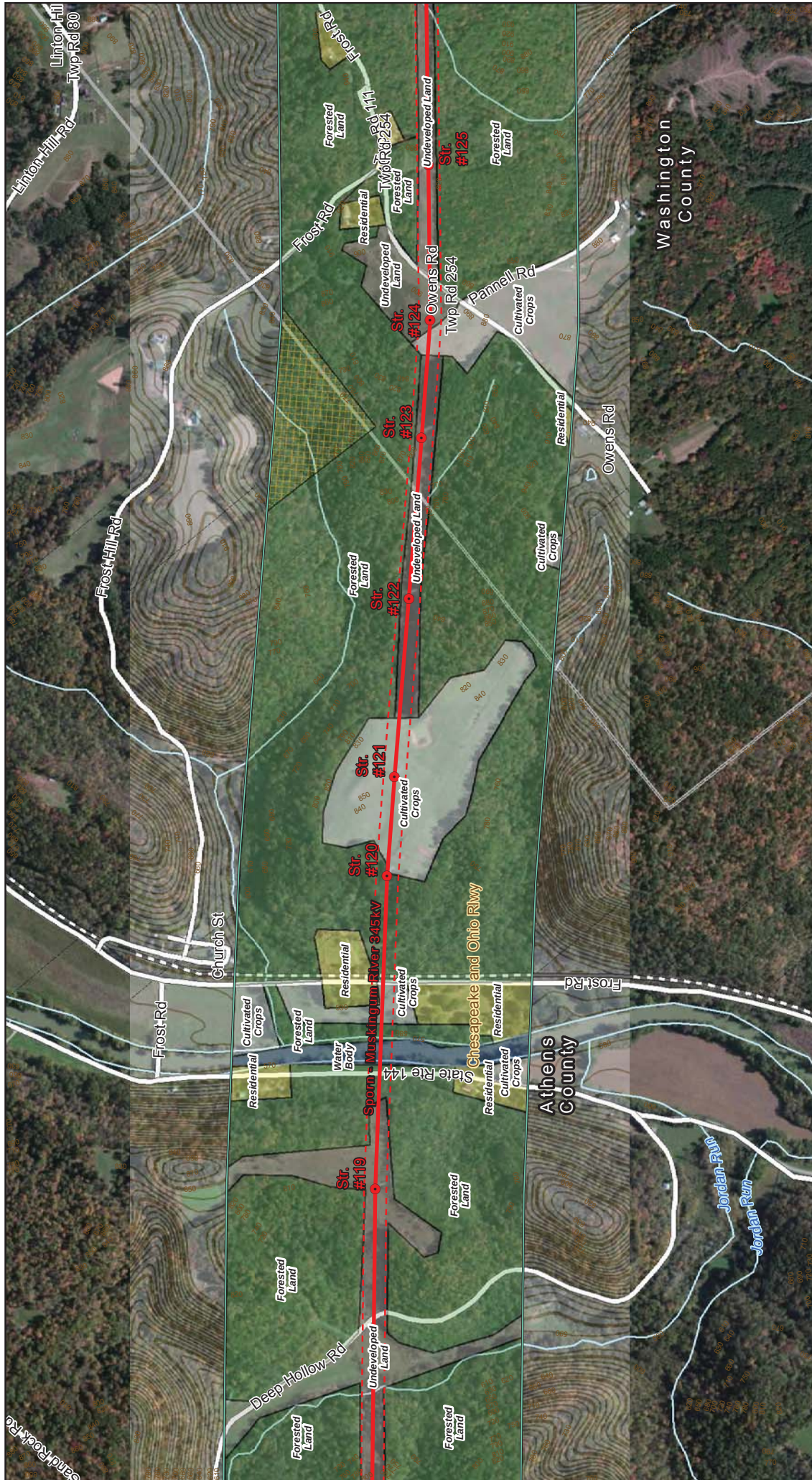





Figure 2
Land Use Map
Sporn - Muskingsum River 345KV Transmission Line
Map Sheet 24 of 44

Commonwealth Associates Inc.

Scale: 1" = 600 feet

Legend:

- Substation
- Existing Structure
- Proposed Replacement Structure
- Proposed Reinforcement Structure
- Sporn - Muskingsum River 345KV Transmission Line
- Agriculture District
- Right of Way
- 2,000 Ft. Corridor
- 1 inch = 600 feet
- Municipality
- County
- Contour
- Interstate
- Highway
- Major/Local Road
- Open Water
- Cultivated Crops
- Undeveloped Land
- Forest
- Industrial
- Residential
- Transportation
- 1,000 Ft. Buffer
- 2,400 Feet

Coordinates: NAD 1983 StatePlane Ohio South FIPS 3402 Feet

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Sporn - Muskingsum River 345KV Transmission Line
Map Sheet 24 of 44

Commonwealth Associates Inc.

Scale: 1" = 600 feet

1 inch = 600 feet

Comments:

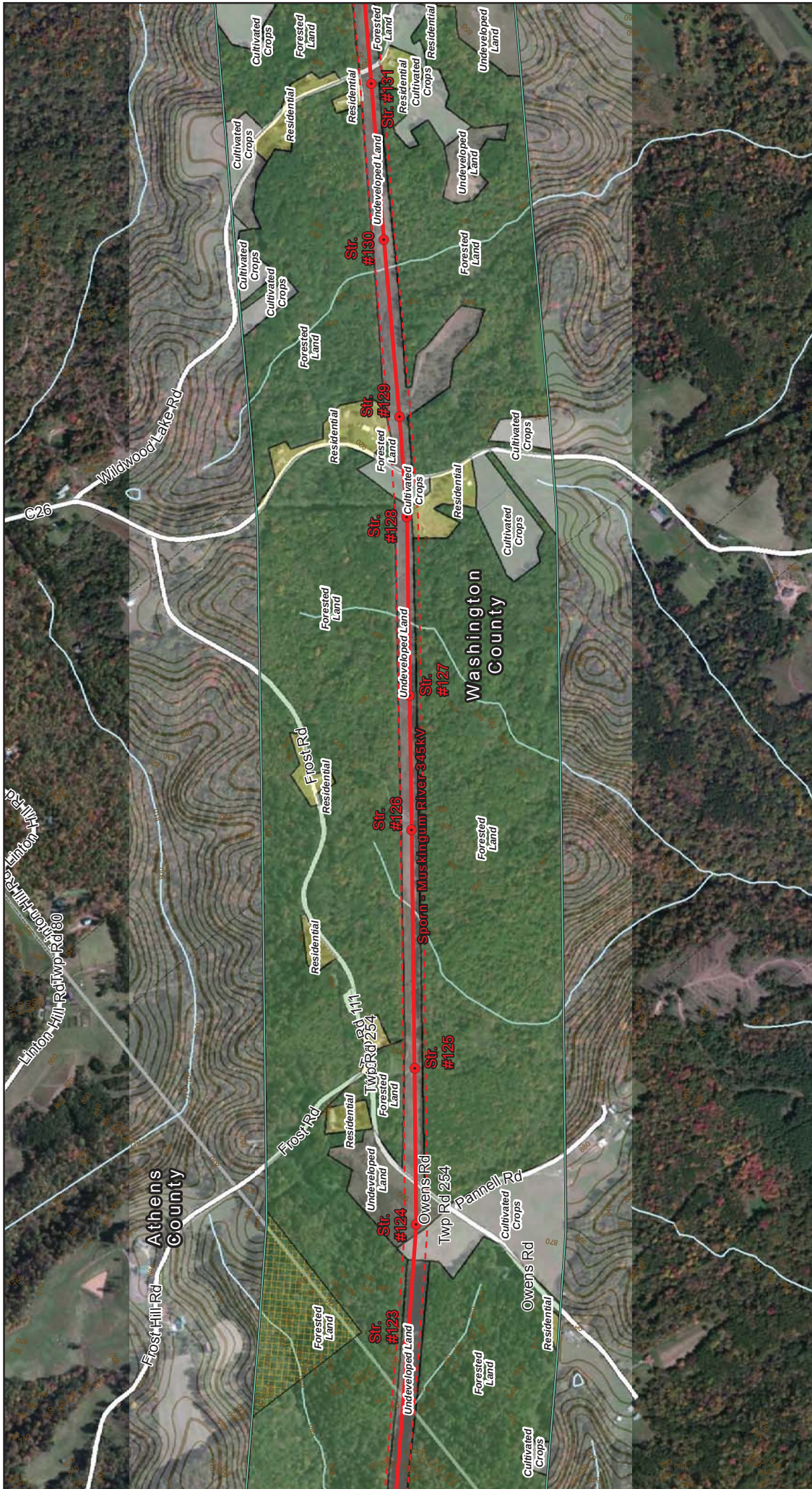


Figure 2
Land Use Map
Sporn - Muskingum River 345KV Transmission Line
Map Sheet 25 of 44

Commonwealth Associates Inc.

Scale: 1" = 600 feet
Date: 09/2014

Source: Commonwealth Associates Inc. AEP ESRI
Athens, Morgan, Morgan and Washington Counties

Comments: If you are not the intended recipient, please contact the sender and destroy all copies of the original document.

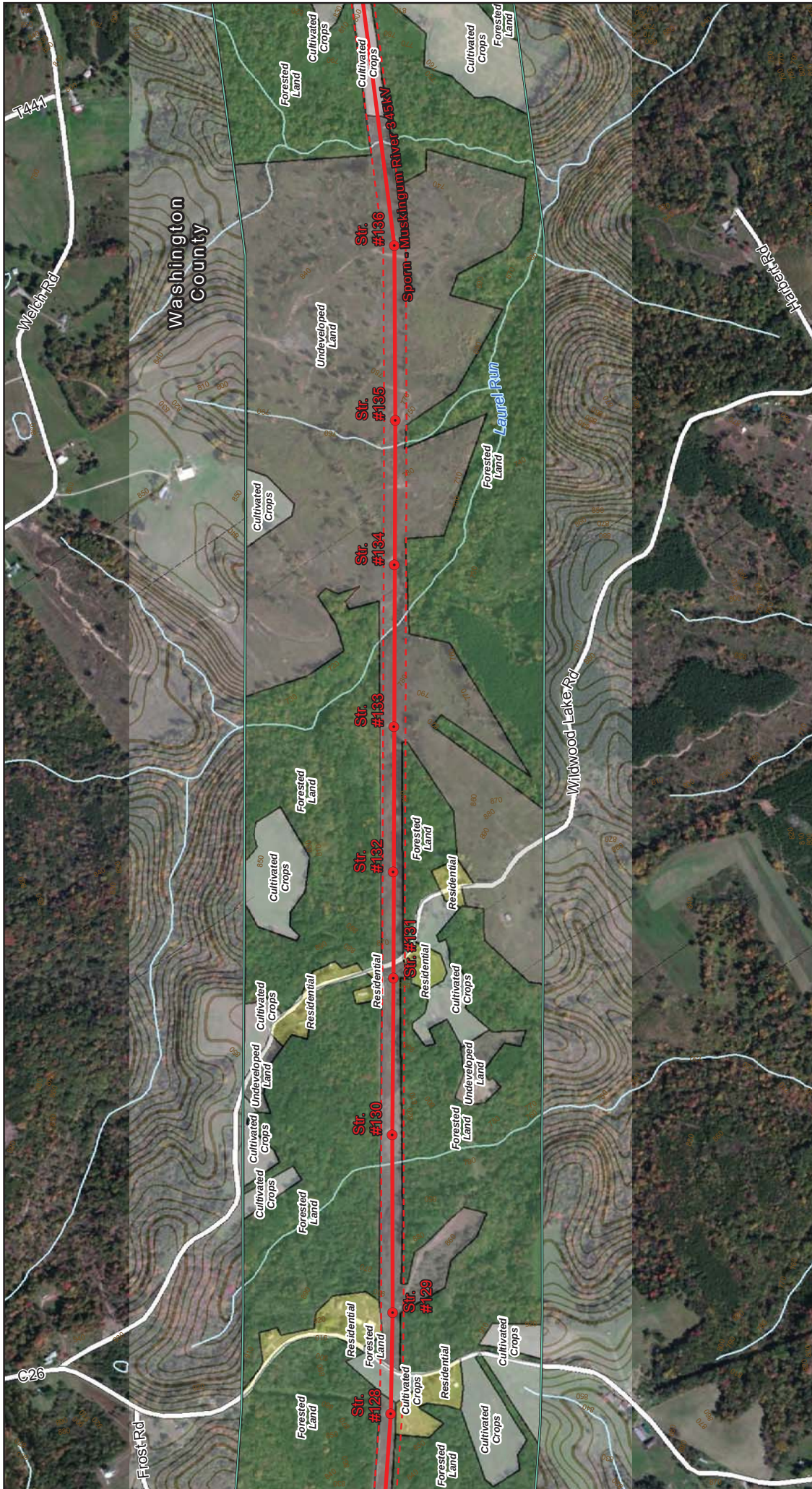
Legend

- Substation
- Existing Structure
- Proposed Replacement Structure
- Proposed Reinforcement Structure
- Municipality
- County
- Contour
- Right of Way
- 2,000 Ft. Corridor
- 1 inch = 600 feet
- Open Water
- Cultivated Crops
- Undeveloped Land
- Forest
- Industrial
- Residential
- Transportation
- 1,000 Ft. Buffer
- 2,400 Feet

Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet

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Fax: (614) 552-1818



Legend

- Substation
- Existing Structure
- Proposed Replacement Structure
- Proposed Reinforcement Structure
- Sporn - Muskumung River 345KV Transmission Line
- Agriculture District
- Right of Way
- 2,000 Ft. Corridor
- 1 inch = 600 feet
- Municipality
- County
- Contour
- Interstate
- Highway
- Major/Local Road
- Open Water
- Cultivated Crops
- Undeveloped Land
- Forest
- Industrial
- Residential
- Transportation
- 1,000 Ft. Buffer
- 2,400 Feet

Figure 2
Land Use Map
Sporn - Muskumung River 345KV Transmission Line
Map Sheet 26 of 44

Commonwealth Associates Inc.

Scale: Commonwealth Associates Inc. ASP ESRI
Athens, Morgan, Morgan and Washington Counties
Comments:
Drawn By: JAB
Date: 03/20/24

700 Morrison Rd.
PH: (614) 715-1000
Fax: (614) 552-1818

Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
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Figure 2
Land Use Map
Sporn - Muskingum River 345kV Transmission Line
Map Sheet 27 of 44

Commonwealth Associates Inc.

Scale: 1" = 600'
Date: 03/2014

Comments:
Source: Commonwealth Associates Inc. 2013 ESRI
Aerials, Maps, Morgan and Washington Counties

Legend

- Substation
- Existing Structure
- Proposed Replacement Structure
- Proposed Reinforcement Structure
- Sporn - Muskingum River 345kV Transmission Line
- Agriculture District
- Right of Way
- 2,000 Ft. Corridor
- 1,000 Ft. Buffer
- Open Water
- Cultivated Crops
- Undeveloped Land
- Forest
- Industrial
- Residential
- Transportation
- Interstate
- Highway
- Major/Local Road
- Municipality
- County
- Contour
- Sporn - Muskingum River

1 inch = 600 feet

0 300 600 1,200 1,800 2,400 Feet

Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet

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Legend

- Substation
- Existing Structure
- Proposed Replacement Structure
- Proposed Reinforcement Structure
- Municipality
- County
- Contour
- Right of Way
- 2,000 Ft. Corridor
- 1 inch = 600 feet

Figure 2
Land Use Map
Sporn - Muskingum River 345kV Transmission Line
Map Sheet 23 of 44

Scale
Commonwealth Associates Inc. 457 ESR
Athens, Morgan and Washington Counties
Drawn By: JAS
Date: 03/2014
Comments:

Commonwealth Associates Inc.
700 Morrison Rd.
Athens, OH 45701
PH: (614) 715-1000
Fax: (614) 552-1818

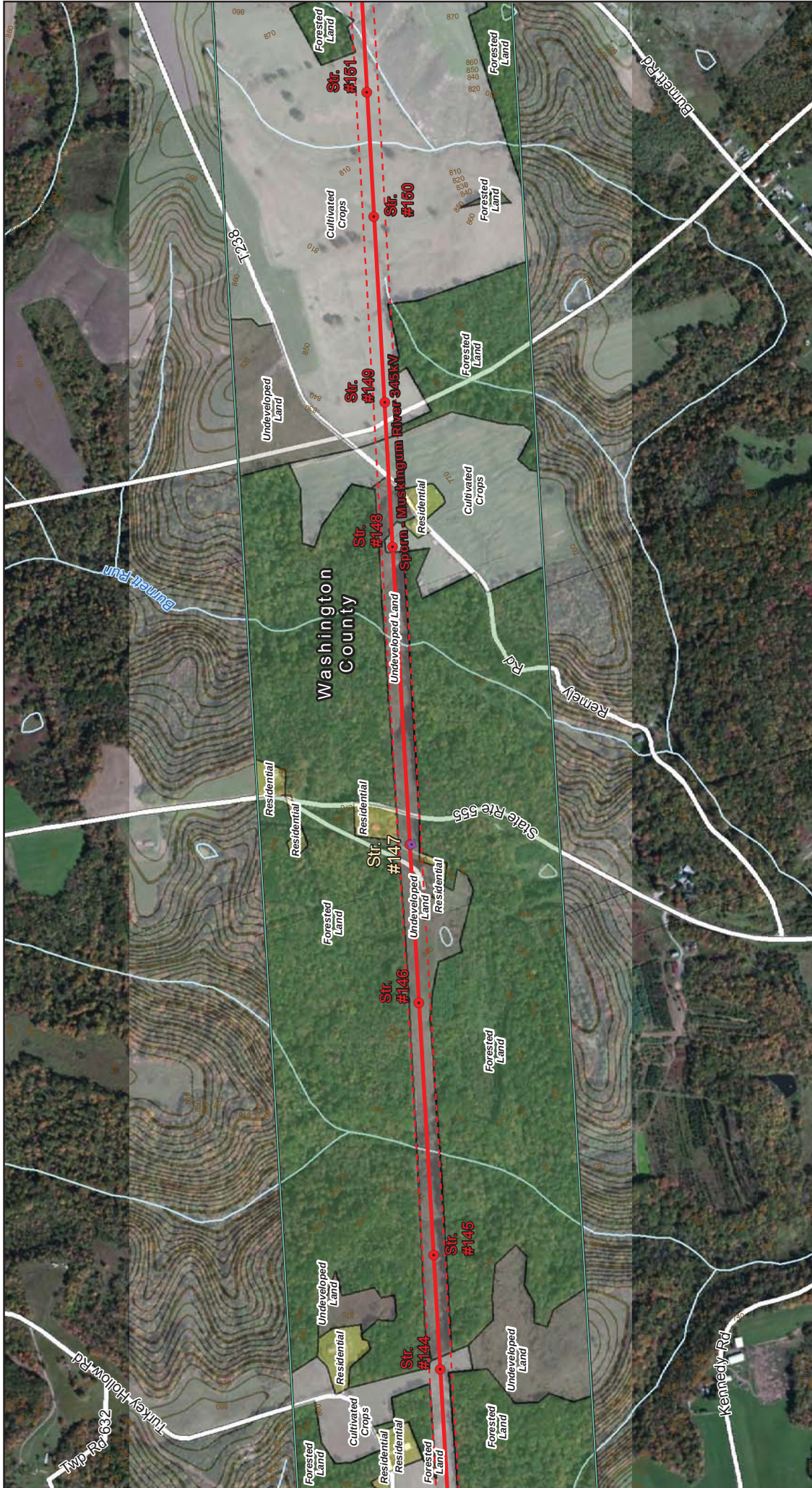
Scale
0 300 600 1,200 1,800 2,400 Feet

Figure 2
Land Use Map
Sporn - Muskingum River 345kV Transmission Line
Map Sheet 23 of 44

Scale
Commonwealth Associates Inc. 457 ESR
Athens, Morgan and Washington Counties
Drawn By: JAS
Date: 03/2014
Comments:

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Legend

- Substation
- Existing Structure
- Proposed Replacement Structure
- Proposed Reinforcement Structure
- Sporn - Muskingum River 345KV Transmission Line
- Agriculture District
- Right of Way
- 2,000 Ft. Corridor
- 1 inch = 600 feet

Land Use

- Open Water
- Cultivated Crops
- Undeveloped Land
- Forest
- Industrial
- Residential
- Transportation
- 1,000 Ft. Buffer

Infrastructure

- Interstate
- Highway
- Major/Local Road
- County
- Municipality
- Contour

Scale

0 300 600 1,200 1,800 2,400 Feet

Figure 2
Land Use Map
Sporn - Muskingum River 345KV Transmission Line
Map Sheet 23 of 44

Commonwealth Associates Inc.

Scale: 1 inch = 600 feet
Date: 09/2014

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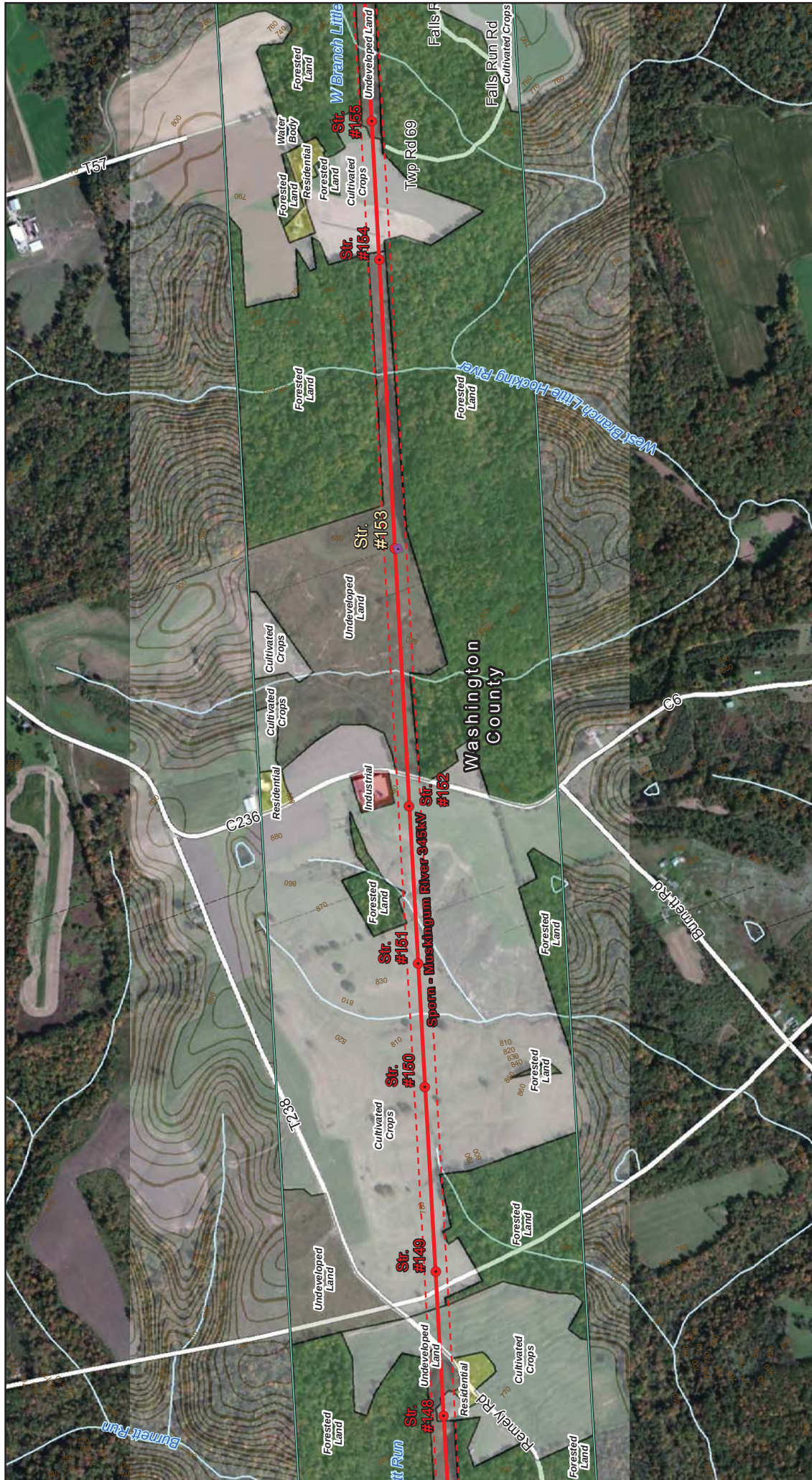


Figure 2
Land Use Map
Sporn - Muskingum River 345kV Transmission Line
Map Sheet 30 of 44

Commonwealth Associates Inc.

Scale: 1" = 600 feet
Date: 8/2/2014

Comments:
Source: Commonwealth Associates Inc. 2014 ESRI
Aerial, Merg, Morgan and Washington Counties

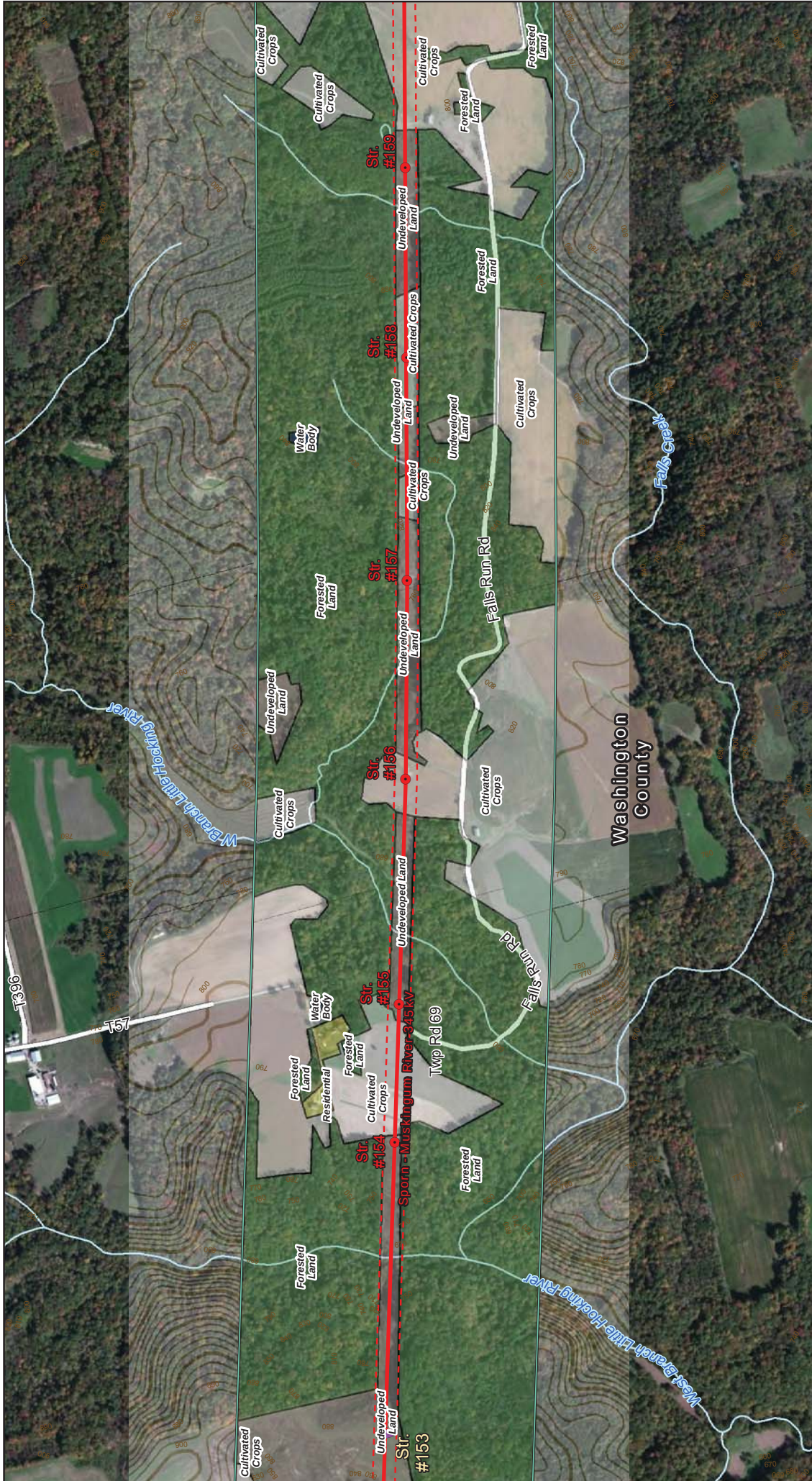
Legend

- Substation
- Existing Structure
- Proposed Replacement Structure
- Proposed Reinforcement Structure
- Sporn - Muskingum River 345kV Transmission Line
- Agriculture District
- Right of Way
- 2,000 Ft. Corridor
- 1 inch = 600 feet
- Municipality
- County
- Contour
- Interstate
- Highway
- Major/Local Road
- Open Water
- Cultivated Crops
- Undeveloped Land
- Forest
- Industrial
- Residential
- Transportation
- 1,000 Ft. Buffer
- 2,400 Feet

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Legend

● Substation	 Municipality	 Interstate	 Open Water	 Industrial
 Existing Structure	 County	 Highway	 Cultivated Crops	 Residential
 Proposed Replacement Structure	 Agriculture District	 Major/Local Road	 Undeveloped Land	 Transportation
 Proposed Reinforcement Structure	 Right of Way	 2,000 Ft. Corridor	 Forest	 1,000 Ft. Buffer

Scale

1 inch = 600 feet

0 300 600 1,200 1,800 2,400 Feet

Figure 2

Land Use Map

Sporn - Muskingum River 345 kV Transmission Line

Map Sheet 31 of 44

Commonwealth Associates Inc.

Scale: 1" = 600'

Drawn By: JAS

Date: 4/2/2014

Comments:

Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet

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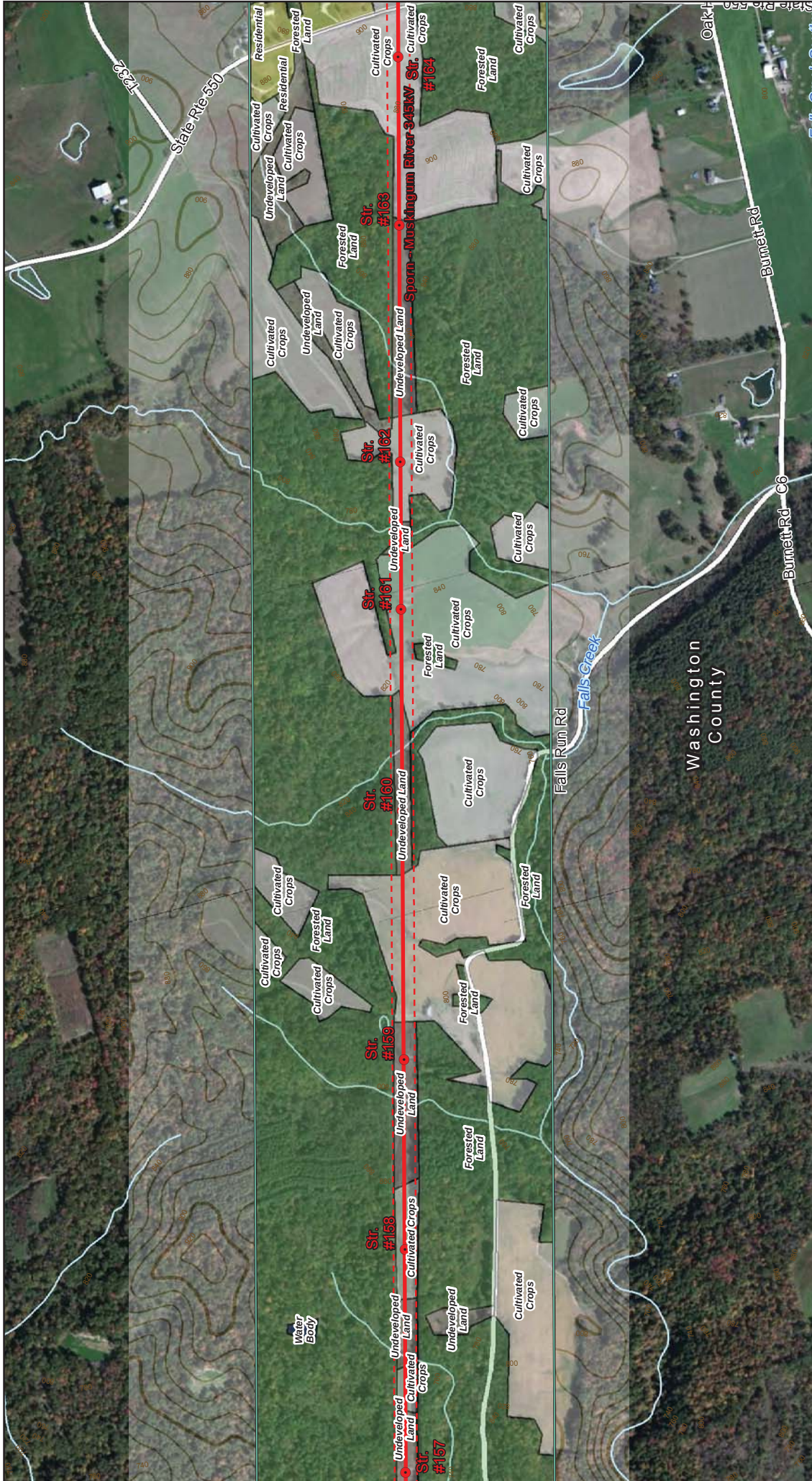


Figure 2
Land Use Map
Sporn - Muskingum River 345KV Str. Cultivated Crops
Map Sheet 32 of 44

Commonwealth Associates Inc.

Scale: 1 inch = 600 feet
Date: 03/2014

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Legend

- Substation
- Existing Structure
- Proposed Replacement Structure
- Proposed Reinforcement Structure
- Right of Way
- 2,000 Ft. Corridor
- 1 inch = 600 feet
- Open Water
- Cultivated Crops
- Undeveloped Land
- Forest
- 1,000 Ft. Buffer
- 2,400 Feet
- Industrial
- Residential
- Transportation
- Interstate
- Highway
- Major/Local Road
- Municipality
- County
- Contour
- Sporn - Muskingum River 345KV Transmission Line
- Agriculture District

Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet

AEP

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Falls Creek Southwest Fork

Figure 2
Land Use Map
Sporn - Muskingum River 345KV Transmission Line
Map Sheet 33 of 44

Commonwealth Associates Inc.

Scale: 1" = 600 feet
Date: 03/2014

Comments:
Source: Commonwealth Associates Inc. AEP ESRI
Aerial, Morgan, Morgan and Washington Counties

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700 Morrison Rd.
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Fax: (614) 552-1818

Legend

- Substation
- Existing Structure
- Proposed Replacement Structure
- Proposed Reinforcement Structure
- Sporn - Muskingum River 345KV Transmission Line
- Agriculture District
- Right of Way
- 2,000 Ft. Corridor
- 1 inch = 600 feet
- Municipality
- County
- Contour
- Interstate
- Highway
- Major/Local Road
- Open Water
- Cultivated Crops
- Undeveloped Land
- Forest
- Industrial
- Residential
- Transportation
- 1,000 Ft. Buffer
- 2,400 Feet

North Arrow

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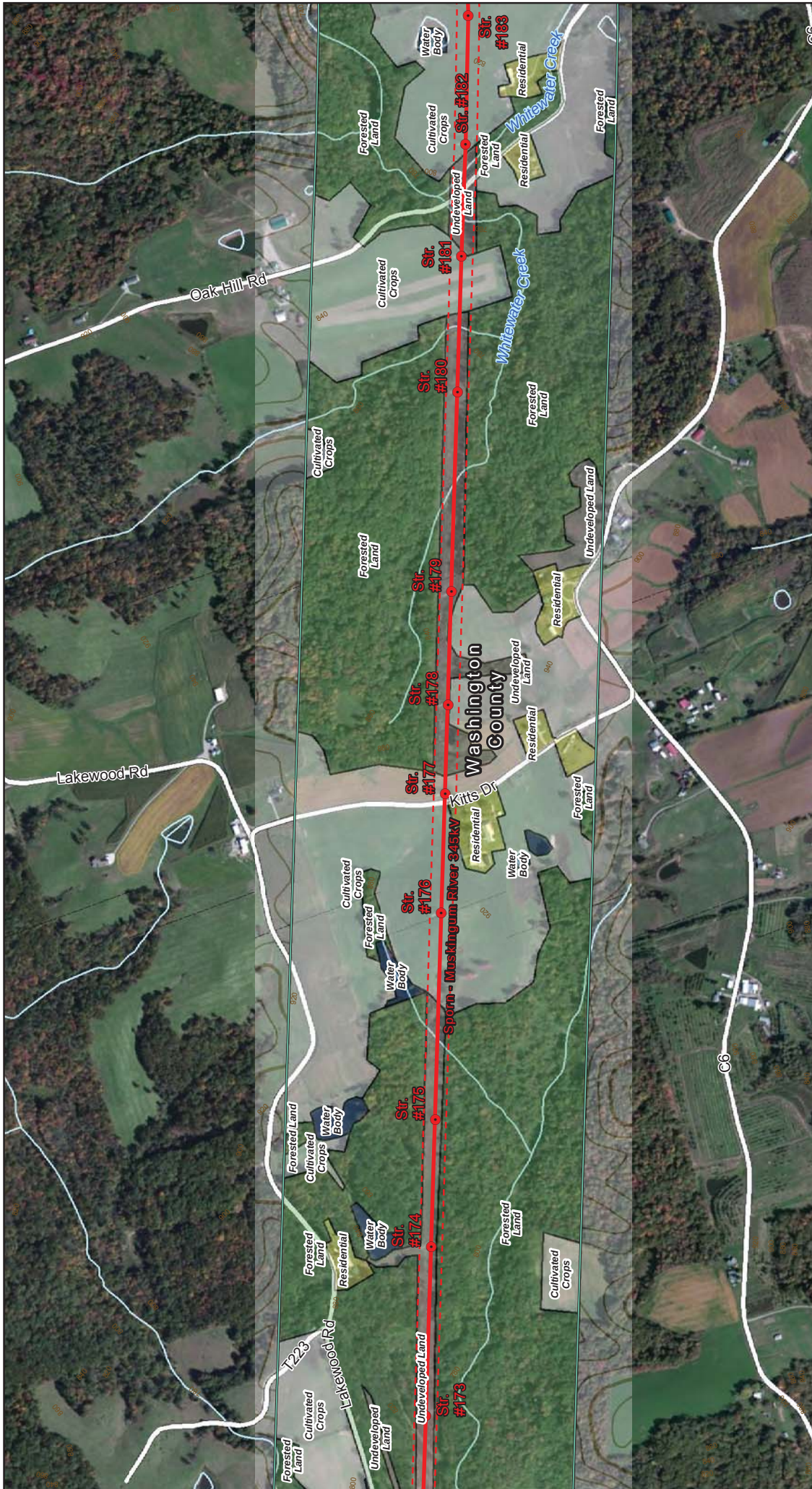


Figure 2
Land Use Map
Sporn - Muskingum River 345KV Transmission Line
Map Sheet 35 of 44

Commonwealth Associates Inc.

Scale: 1" = 600 feet
Date: 03/2014

Comments:
Source: Commonwealth Associates Inc. 45% ESRI
Aerial, Merg, Morgan and Washington Counties

Legend

- Substation
- Existing Structure
- Proposed Replacement Structure
- Proposed Reinforcement Structure
- Municipality
- County
- Agriculture District
- Right of Way
- 2,000 Ft. Corridor
- 1 inch = 600 feet
- Open Water
- Cultivated Crops
- Undeveloped Land
- Forest
- 1,000 Ft. Buffer
- 2,400 Feet
- Industrial
- Residential
- Transportation
- Interstate
- Highway
- Major/Local Road
- Contour
- 0 300 600 1,200 1,800 2,400

Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet

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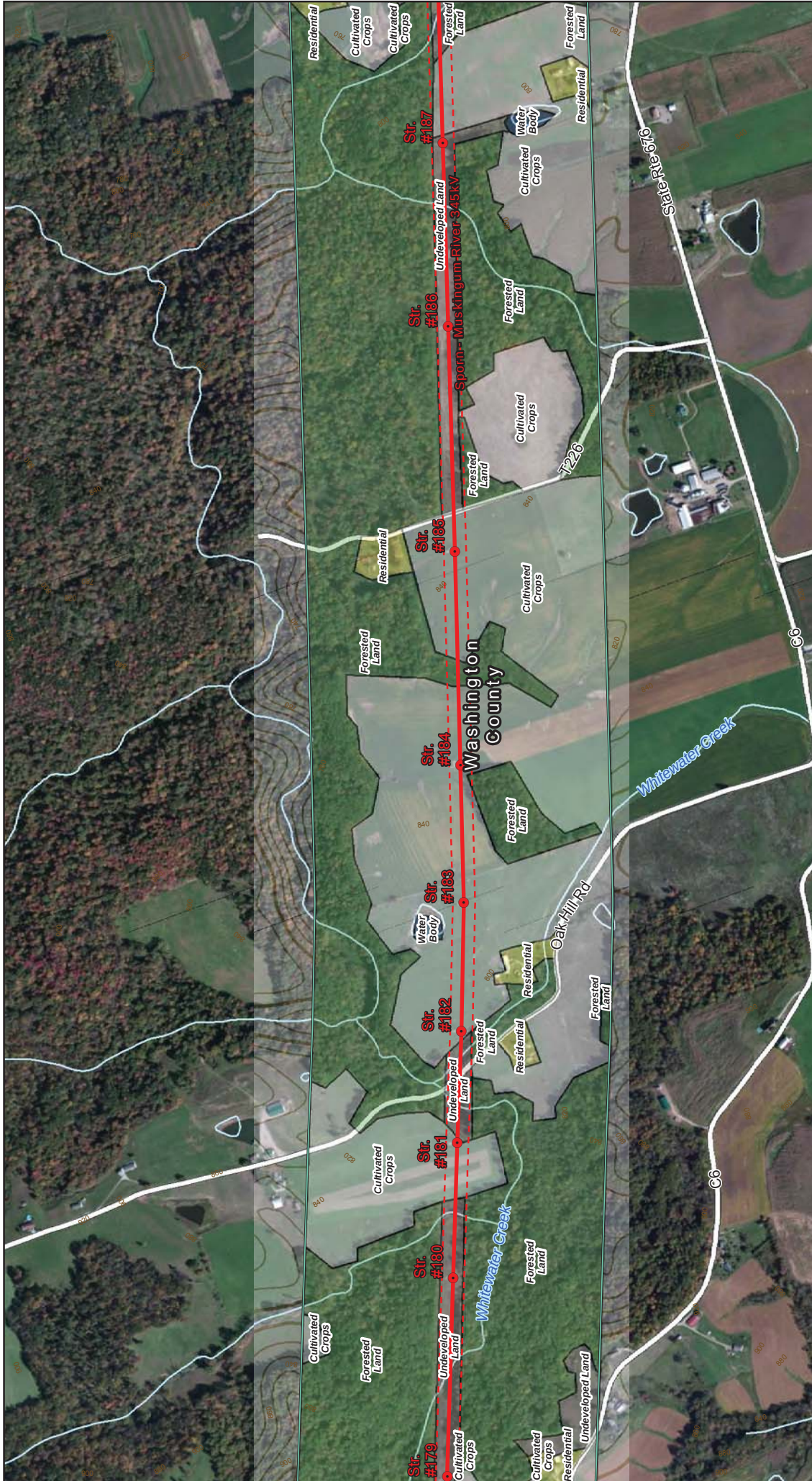


Figure 2
Land Use Map
Sporn - Muskingum River 345KV Transmission Line
Map Sheet 30 of 44

Commonwealth Associates Inc.

Scale: 1" = 600 feet
Date: 09/2014

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Legend

- Substation
- Existing Structure
- Proposed Replacement Structure
- Proposed Reinforcement Structure
- Municipality
- County
- Contour
- Right of Way
- 2,000 Ft. Corridor
- 1 inch = 600 feet
- Open Water
- Cultivated Crops
- Undeveloped Land
- Forest
- Major/Local Road
- 1,000 Ft. Buffer
- Industrial
- Residential
- Transportation

Scale: 1" = 600 feet
Date: 09/2014

North Arrow

Map of Ohio

AEP

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Figure 2
Land Use Map
Sporn - Muskingum River 345KV Transmission Line
Map Sheet 30 of 44

Commonwealth Associates Inc.

Scale: 1" = 600 feet
Date: 09/2014

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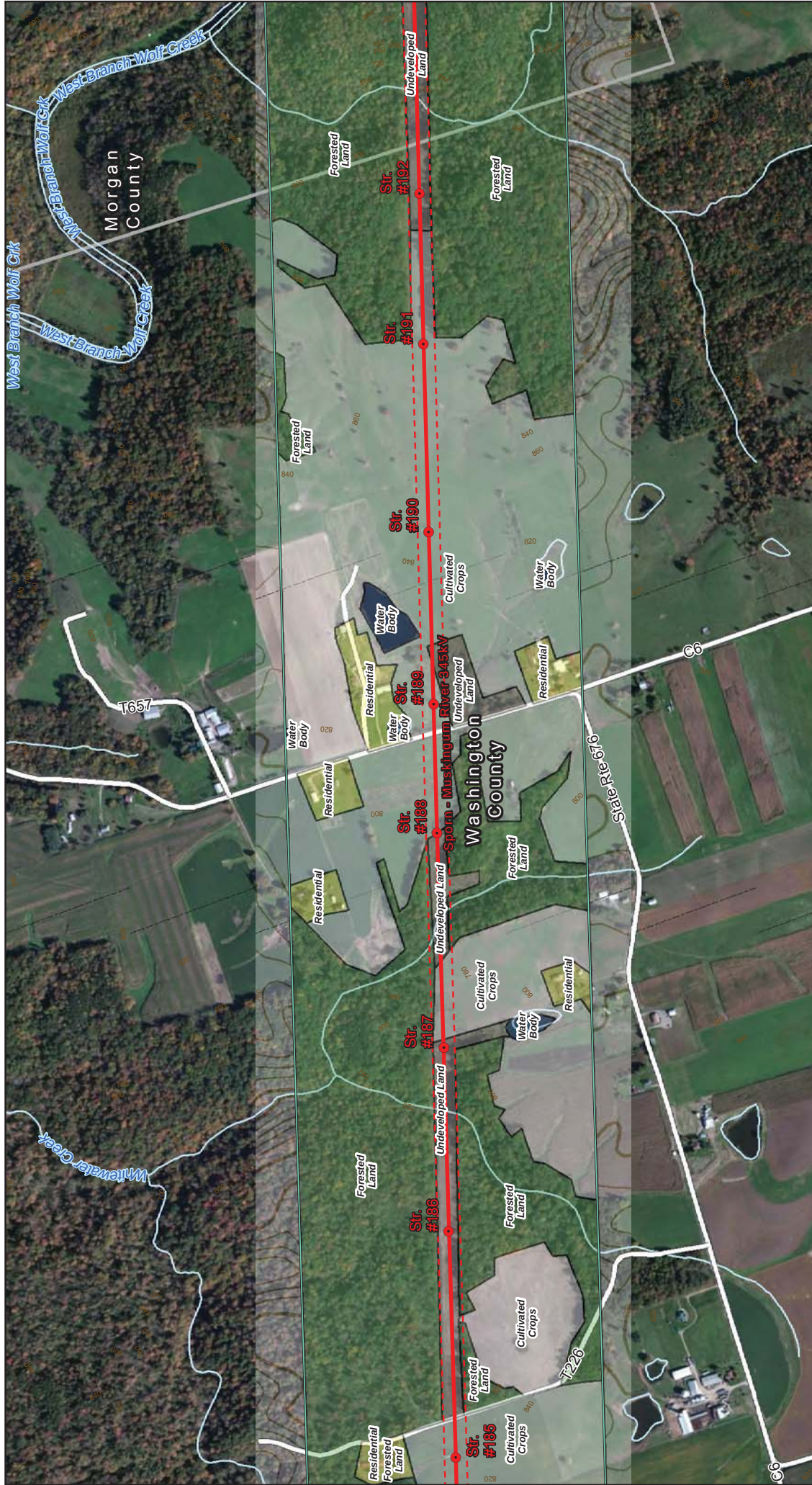


Figure 2
Land Use Map
Sporn - Muskingum River 345kV Transmission Line
Map Sheet 37 of 44

Commonwealth Associates Inc.

Scale: Commonwealth Associates Inc. 45% ESRI
Aerial, Morgan, Morgan and Washington Counties
Comments:
Drawn By: JAS
Date: 09/2014

Legend

Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet

Substation
 345kV Transmission Line
 Agriculture District
 Right of Way
 2,000 Ft. Corridor
 1,000 Ft. Buffer

Open Water
 Cultivated Crops
 Undeveloped Land
 Forest
 Water Body

Interstate
 Highway
 Major/Local Road
 Contour

Municipality
 County
 Contour

Existing Structure
 Proposed Replacement Structure
 Proposed Reinforcement Structure

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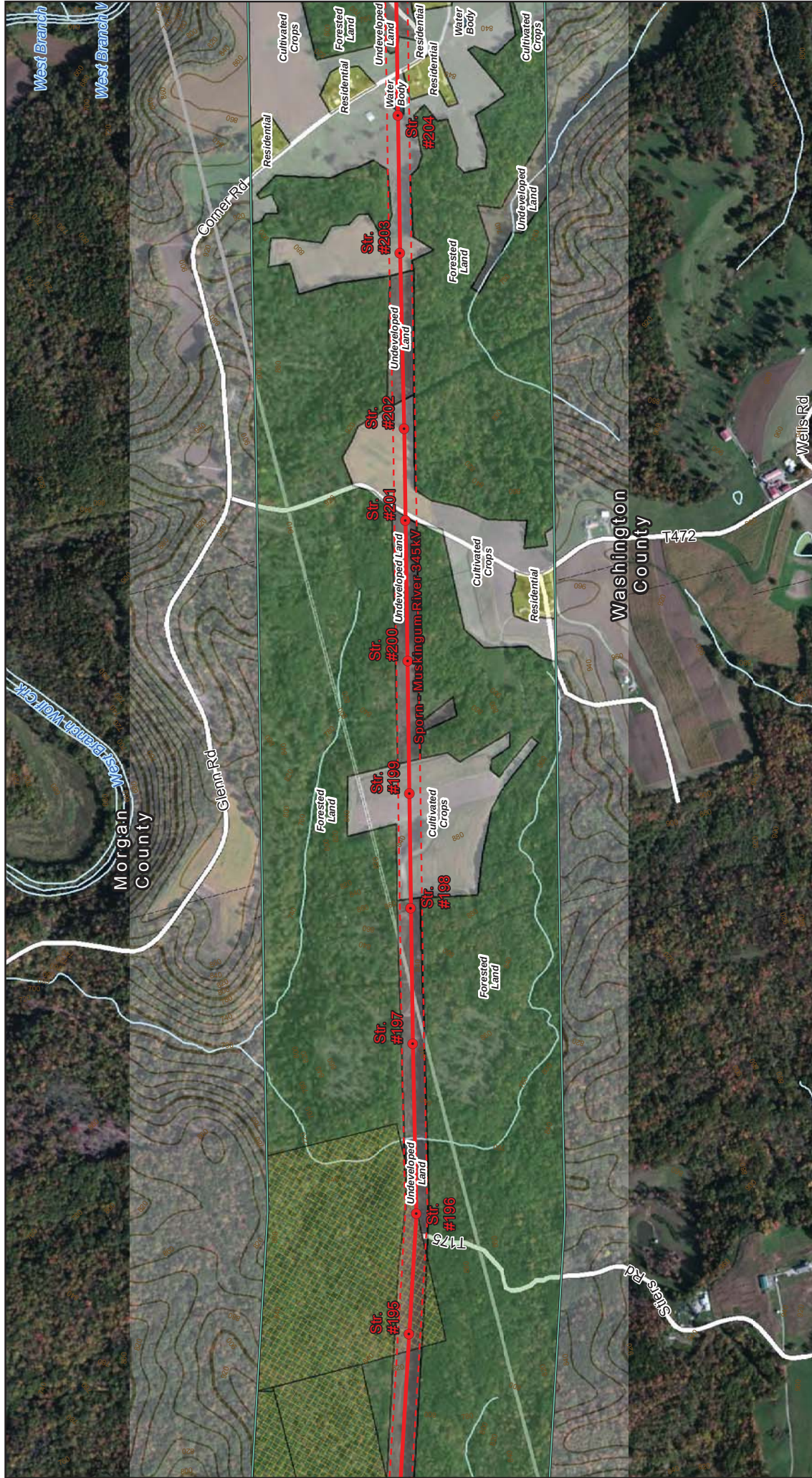


Figure 2
Land Use Map
Sporn - Muskingum River 345KV Transmission Line
Map Sheet 39 of 44

Commonwealth Associates Inc.

Scale: 1" = 600 feet
North Arrow

Legend

- Substation
- Existing Structure
- Proposed Replacement Structure
- Proposed Reinforcement Structure
- Sporn - Muskingum River 345KV Transmission Line
- Agriculture District
- Right of Way
- 2,000 Ft. Corridor
- 1 inch = 600 feet
- Municipality
- County
- Contour
- Interstate
- Highway
- Major/Local Road
- Open Water
- Cultivated Crops
- Undeveloped Land
- Forest
- Industrial
- Residential
- Transportation
- 1,000 Ft. Buffer
- 2,400 Feet

Source: Commonwealth Associates Inc. AEP ESRI
Aerials, Merg, Morgan and Washington Counties
Comments:

Drawn By: JAS
Date: 4/2/2014

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Figure 2
Land Use Map
Sporn - Muskingum River 345kV Transmission Line
Map Sheet 10 of 44

Commonwealth Associates Inc.

Scale: 1" = 600 feet
Date: 12/20/2024

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Fax: (614) 552-1818

Legend

- Substation
- Existing Structure
- Proposed Replacement Structure
- Proposed Reinforcement Structure
- Sporn - Muskingum River 345kV Transmission Line
- Agriculture District
- Right of Way
- 2,000 Ft. Corridor
- 1 inch = 600 feet
- Municipality
- County
- Contour
- Interstate
- Highway
- Major/Local Road
- Open Water
- Cultivated Crops
- Undeveloped Land
- Forest
- Industrial
- Residential
- Transportation
- 1,000 Ft. Buffer
- 2,400 Feet

North Arrow



Figure 2
Land Use Map
Sporn - Muskingum River 345kV Transmission Line
Map Sheet #1 of #4

Commonwealth Associates Inc.

Scale: 1" = 600 feet

Drawn By: JAS
Date: 4/2/2014

Source: Commonwealth Associates Inc. AEP ESRI
Aerials, Morgan, Morgan and Washington Counties

Comments:

Legend

- Substation
- Existing Structure
- Proposed Replacement Structure
- Proposed Reinforcement Structure
- Sporn - Muskingum River 345kV Transmission Line
- Agriculture District
- Right of Way
- 2,000 Ft. Corridor
- 1 inch = 600 feet
- Municipality
- County
- Contour
- Interstate
- Highway
- Major/Local Road
- Open Water
- Cultivated Crops
- Undeveloped Land
- Forest
- 1,000 Ft. Buffer
- Industrial
- Residential
- Transportation

Scale: 0 300 600 1,200 1,800 2,400 Feet

AEP

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PH: (614) 715-1000
Fax: (614) 552-1818

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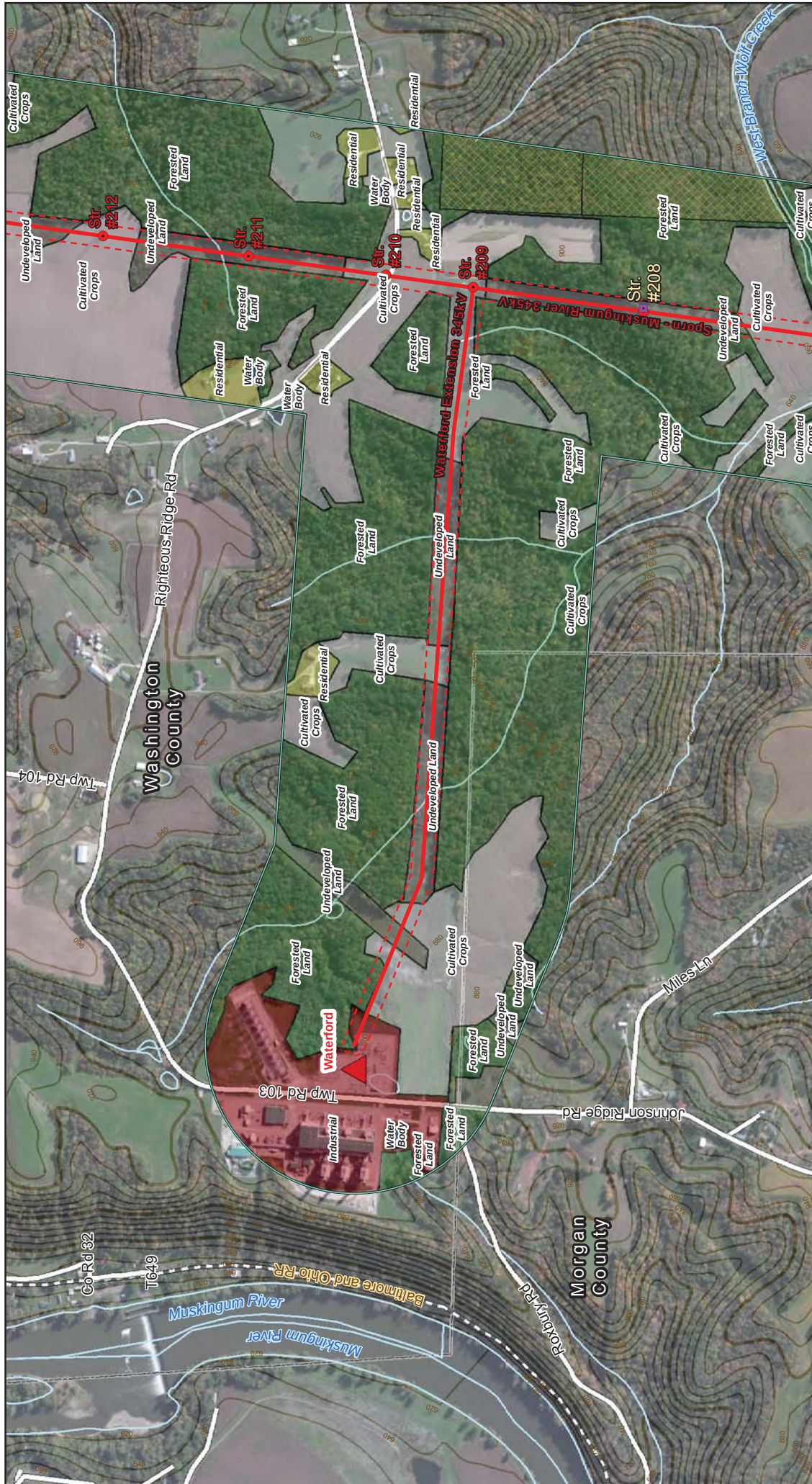


Figure 2
Land Use Map
Sporn - Muskingum River 34kV Transmission Line
Map Sheet 43A of 44

Commonwealth Associates Inc.

Scale: 1" = 600 feet
North Arrow
Date: 09/2014

Comments:
Source: Commonwealth Associates Inc. 43P 43P
Aerial, Merg, Morgan and Washington Counties

AEP

700 Morrison Rd.
PH: (614) 715-1000
Fax: (614) 552-1818

Legend

- Substation
- Existing Structure
- Proposed Replacement Structure
- Proposed Reinforcement Structure
- Municipality
- County
- Contour
- Right of Way
- 2,000 Ft. Corridor
- Sporn - Muskingum River 34kV Transmission Line
- Agriculture District
- Open Water
- Cultivated Crops
- Undeveloped Land
- Forest
- Industrial
- Residential
- Transportation
- 1,000 Ft. Buffer

Scale

0 300 600 1,200 1,800 2,400 Feet

1 inch = 600 feet

North Arrow

Map of Ohio

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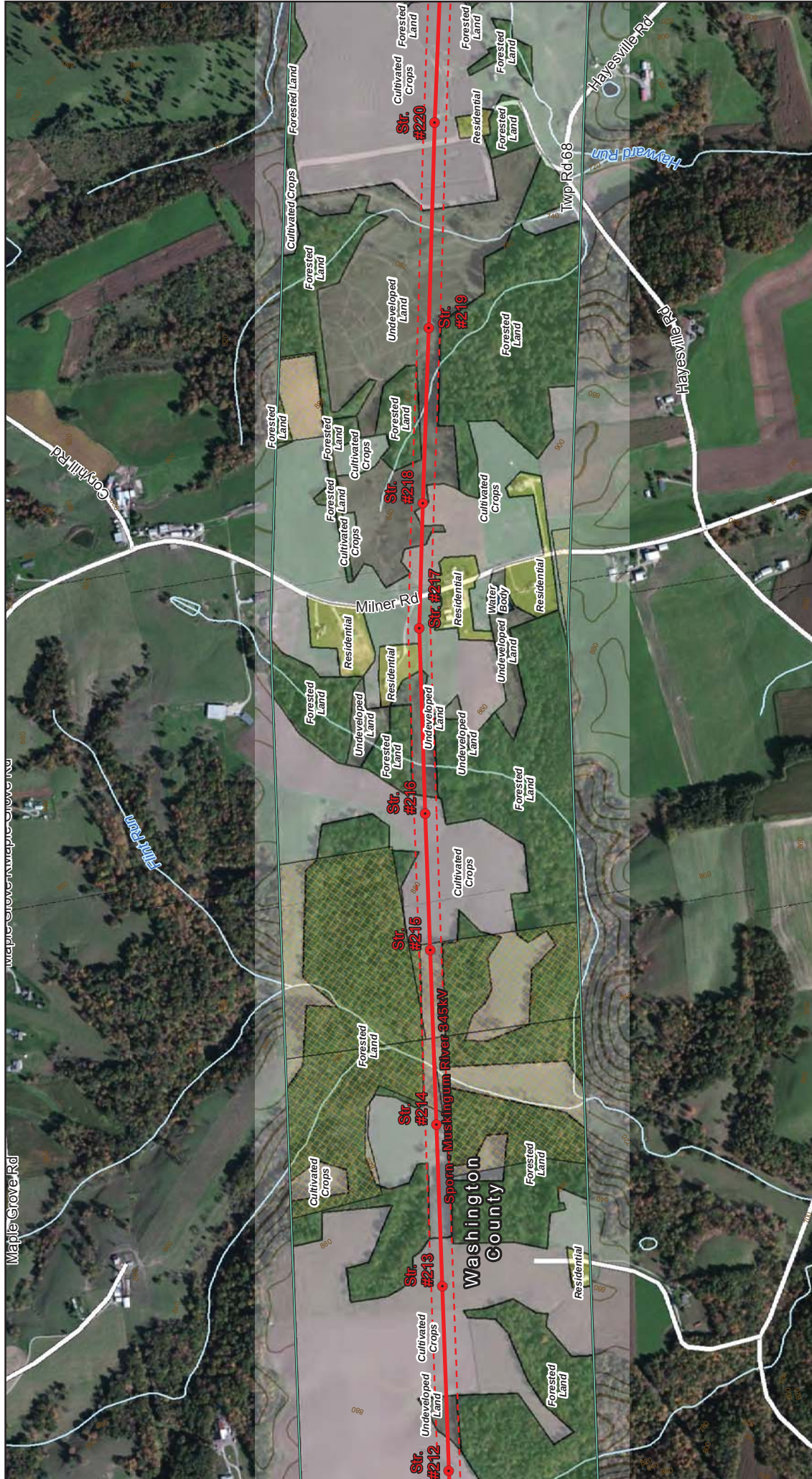


Figure 2
Land Use Map
Sporn - Muskingum River 345KV Transmission Line
Map Sheet 02 of 04

Commonwealth Associates Inc.

Scale: 1" = 600 feet
Date: 09/2014

Comments: Commonwealth Associates Inc. 457 ESR
Athens, Meigs, Morgan and Washington Counties

Legend

- Substation
- Existing Structure
- Proposed Replacement Structure
- Proposed Reinforcement Structure
- Municipality
- County
- Contour
- Right of Way
- 2,000 Ft. Corridor
- 1 inch = 600 feet
- Open Water
- Cultivated Crops
- Undeveloped Land
- Forest
- Industrial
- Residential
- Transportation
- 1,000 Ft. Buffer
- 2,400 Feet

Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet

Sporn - Muskingum River 345KV Transmission Line

Agriculture District

Right of Way

2,000 Ft. Corridor

1 inch = 600 feet

Maple Grove Rd

Milner Rd

Hayesville Rd

Twyp Rd.68

Washington County

Forest Land

Cultivated Crops

Undeveloped Land

Residential

Water Body

Maple Grove Rd

Milner Rd

Hayesville Rd

Twyp Rd.68

Washington County

Forest Land

Cultivated Crops

Undeveloped Land

Residential

Water Body

Maple Grove Rd

Milner Rd

Hayesville Rd

Twyp Rd.68

Washington County

Forest Land

Cultivated Crops

Undeveloped Land

Residential

Water Body

Maple Grove Rd

Milner Rd

Hayesville Rd

Twyp Rd.68

Washington County

Forest Land

Cultivated Crops

Undeveloped Land

Residential

Water Body

Maple Grove Rd

Milner Rd

Hayesville Rd

Twyp Rd.68

Washington County

Forest Land

Cultivated Crops

Undeveloped Land

Residential

Water Body



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AEP

700 Morrison Rd.
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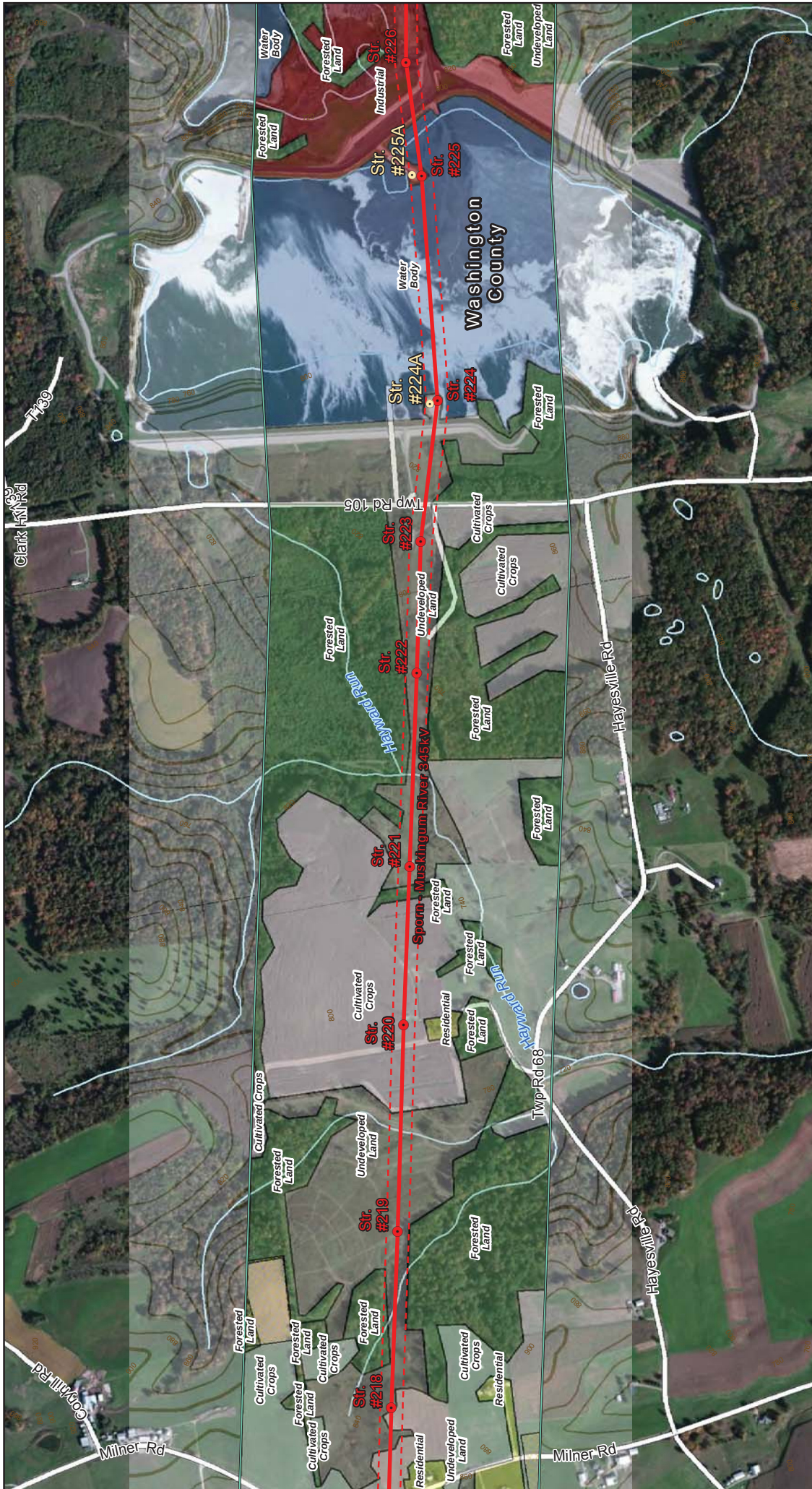


Figure 2
Land Use Map
Sporn - Muskingum River 345kV Transmission Line
Map Sheet 03 of 04

Commonwealth Associates Inc.

Scale: 1" = 600' (ASR)
Date: 03/2014

Comments: Commonwealth Associates Inc. ASR 03/2014
Athens, Morgan, Morgan and Washington Counties

AEP

700 Morrison Rd.
Athens, OH 45701
PH: (614) 715-1000
Fax: (614) 552-1818

Legend

Substation: Red triangle

Existing Structure: Red line

Proposed Replacement Structure: Yellow line

Proposed Reinforcement Structure: Purple line

Right of Way: Dashed line

2,000 Ft. Corridor: Dashed line

1,000 Ft. Buffer: Dashed line

Municipality: Yellow outline

County: White outline

Contour: Brown line

Interstate: Red line

Highway: Blue line

Major/Local Road: Black line

Open Water: Blue area

Cultivated Crops: Green area

Undeveloped Land: Brown area

Forest: Dark green area

Industrial: Red area

Residential: Yellow area

Transportation: Grey area

1,000 Ft. Buffer: Dashed line

2,400 Feet: Scale bar

Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet

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This foregoing document was electronically filed with the Public Utilities

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in

Case No(s). 14-0684-EL-BLN

Summary: Letter of Notification Sporn-Muskingum 345 kV Transmission Line Reconductor Project (Part 3 of 7) electronically filed by Mr. Yazen Alami on behalf of AEP Ohio Transmission Company