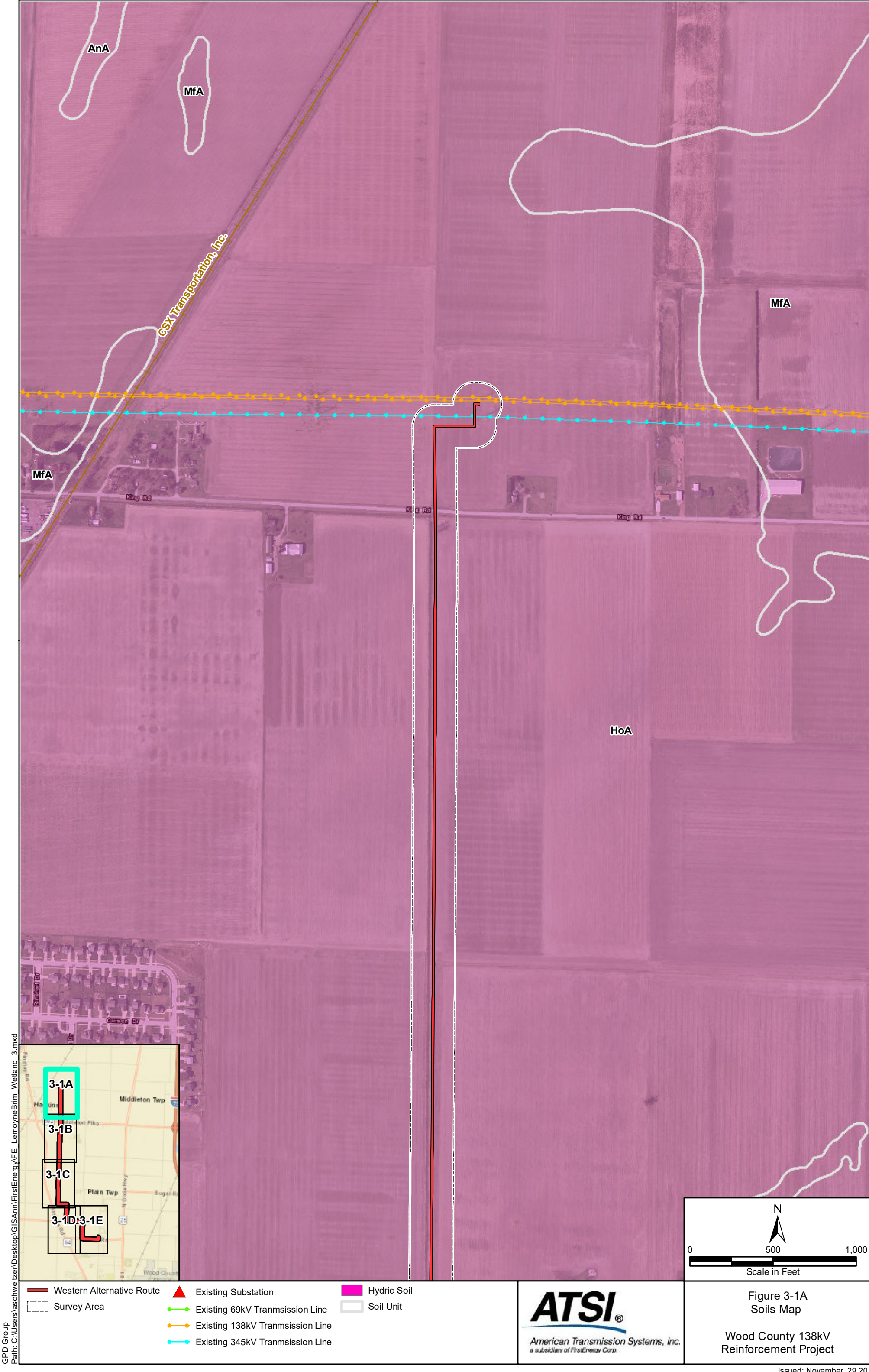




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|---------------------------|----------------------------------|-------------|
| Western Alternative Route | Existing Substation | Hydric Soil |
| Survey Area | Existing 69kV Transmission Line | Soil Unit |
| | Existing 138kV Transmission Line | |
| | Existing 345kV Transmission Line | |

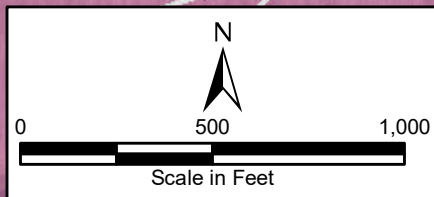
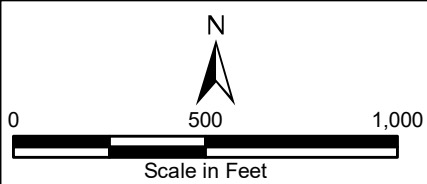
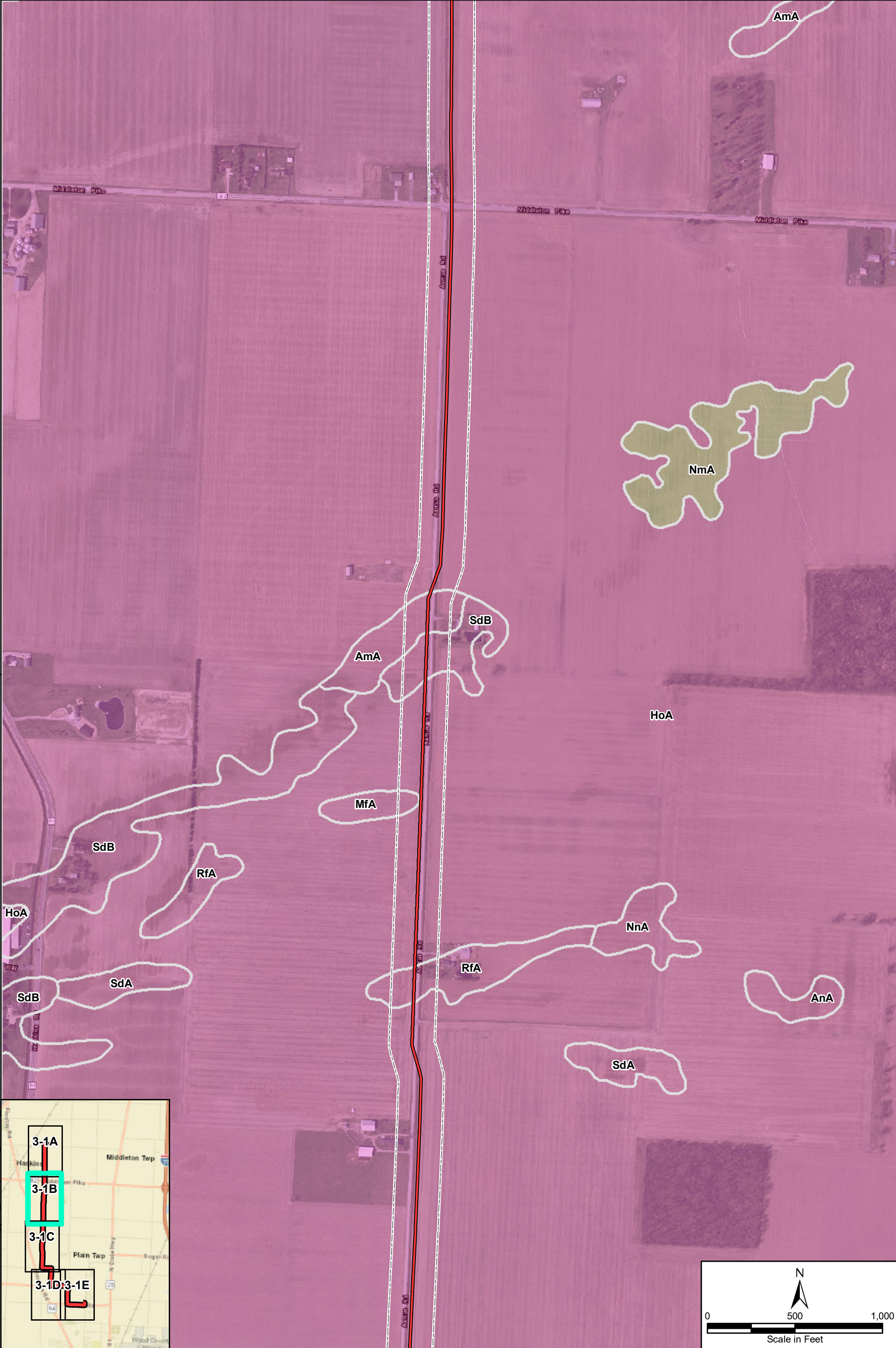


Figure 3-1A
Soils Map

Wood County 138kV
Reinforcement Project

GPD Group
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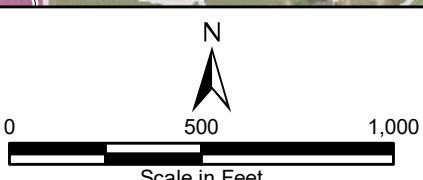
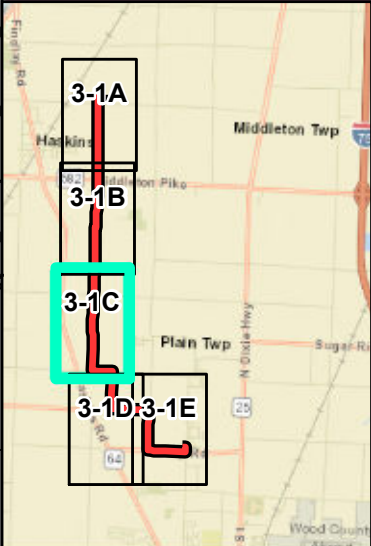
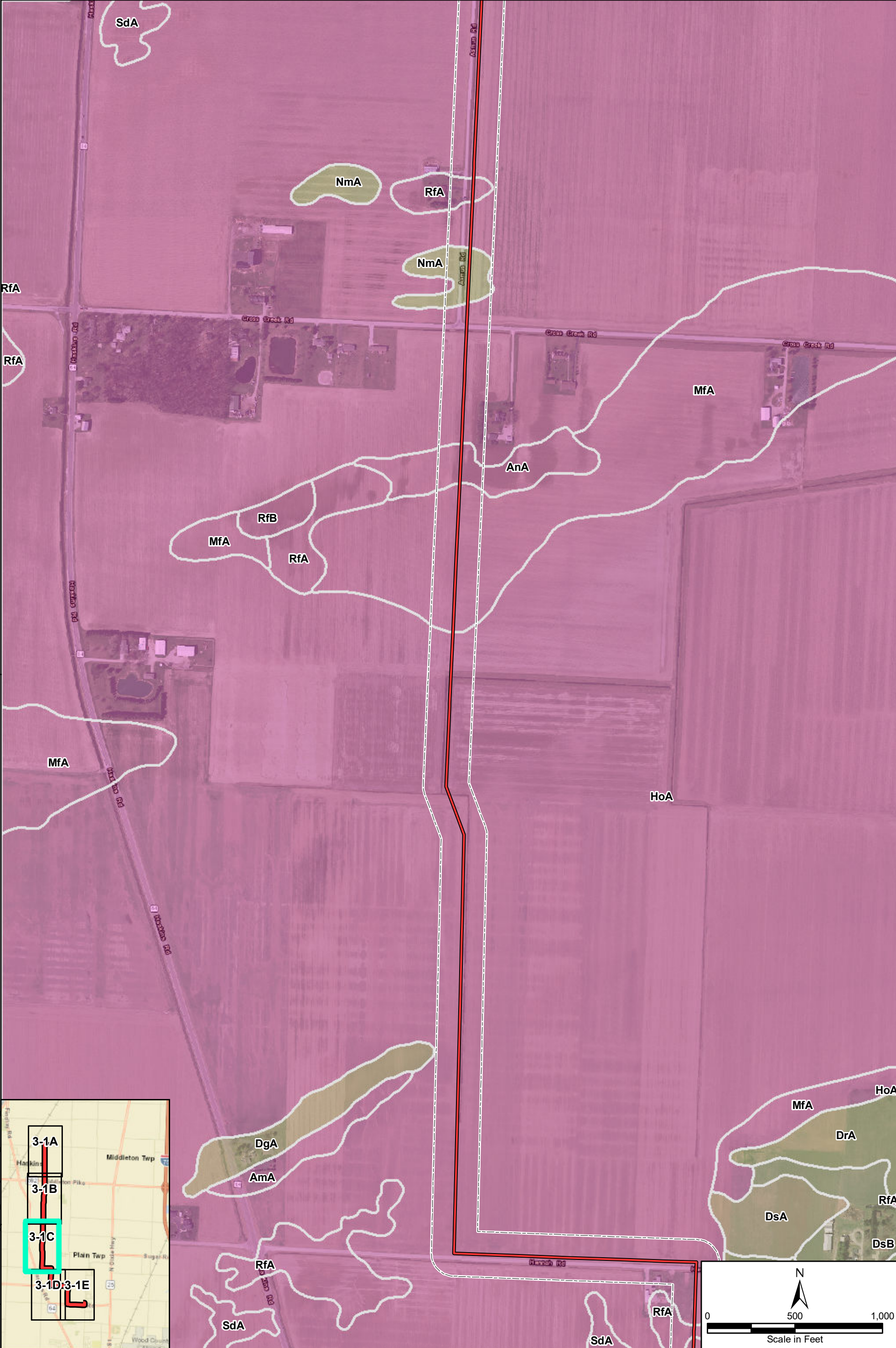
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|---------------------------|----------------------------------|-------------|
| Western Alternative Route | Existing Substation | Hydric Soil |
| Survey Area | Existing 69kV Transmission Line | Soil Unit |
| | Existing 138kV Transmission Line | |
| | Existing 345kV Transmission Line | |



Figure 3-1B
Soils Map

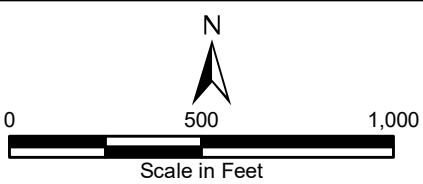
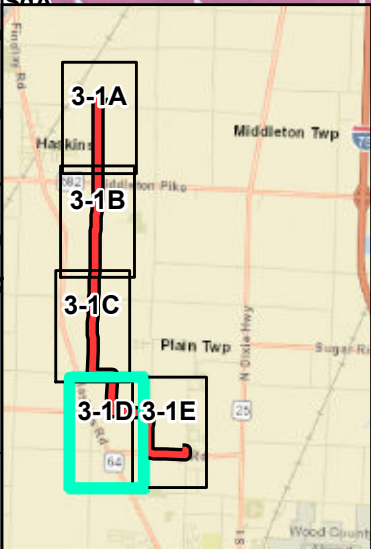
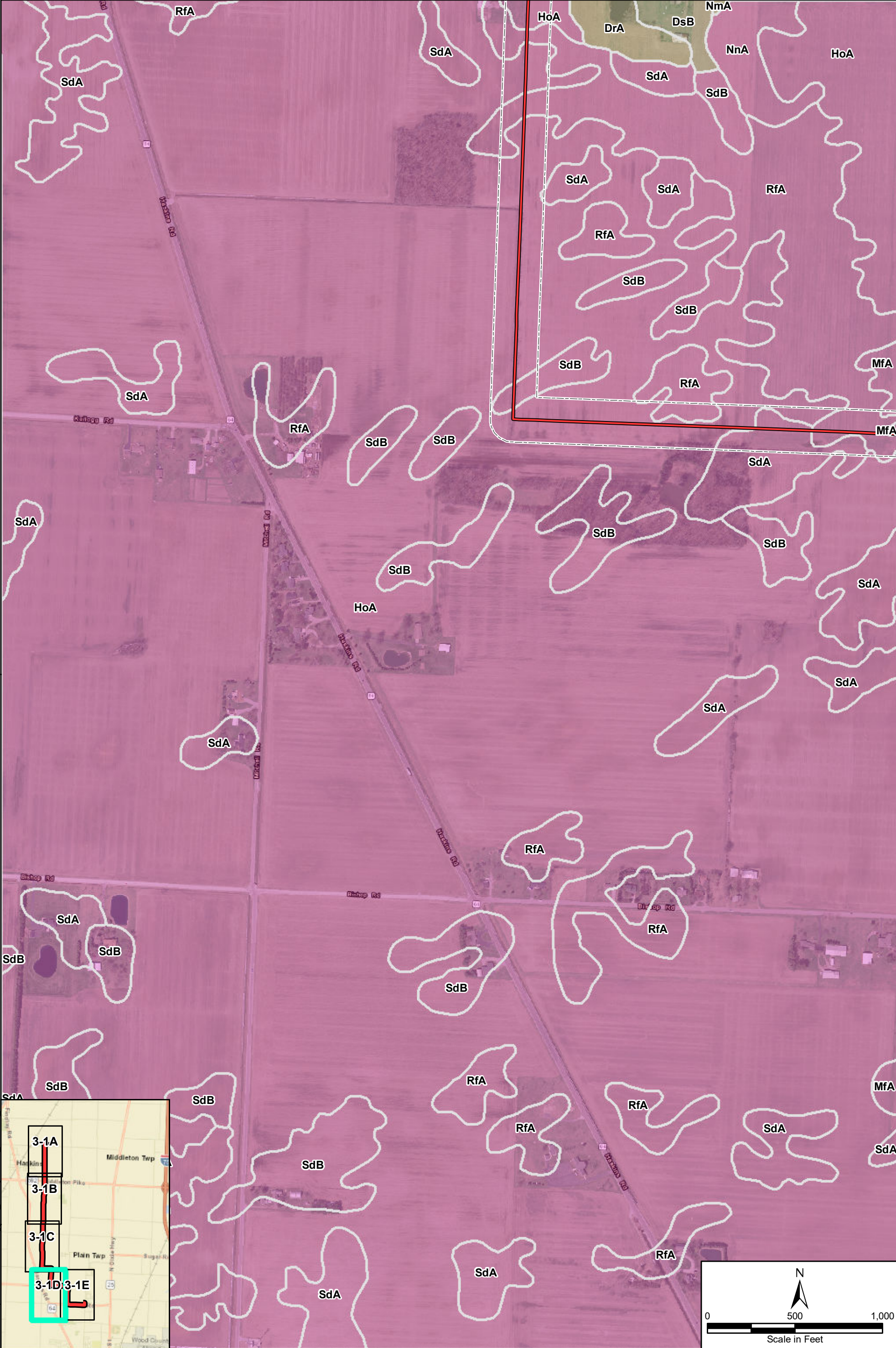
Wood County 138kV
Reinforcement Project

GPD Group
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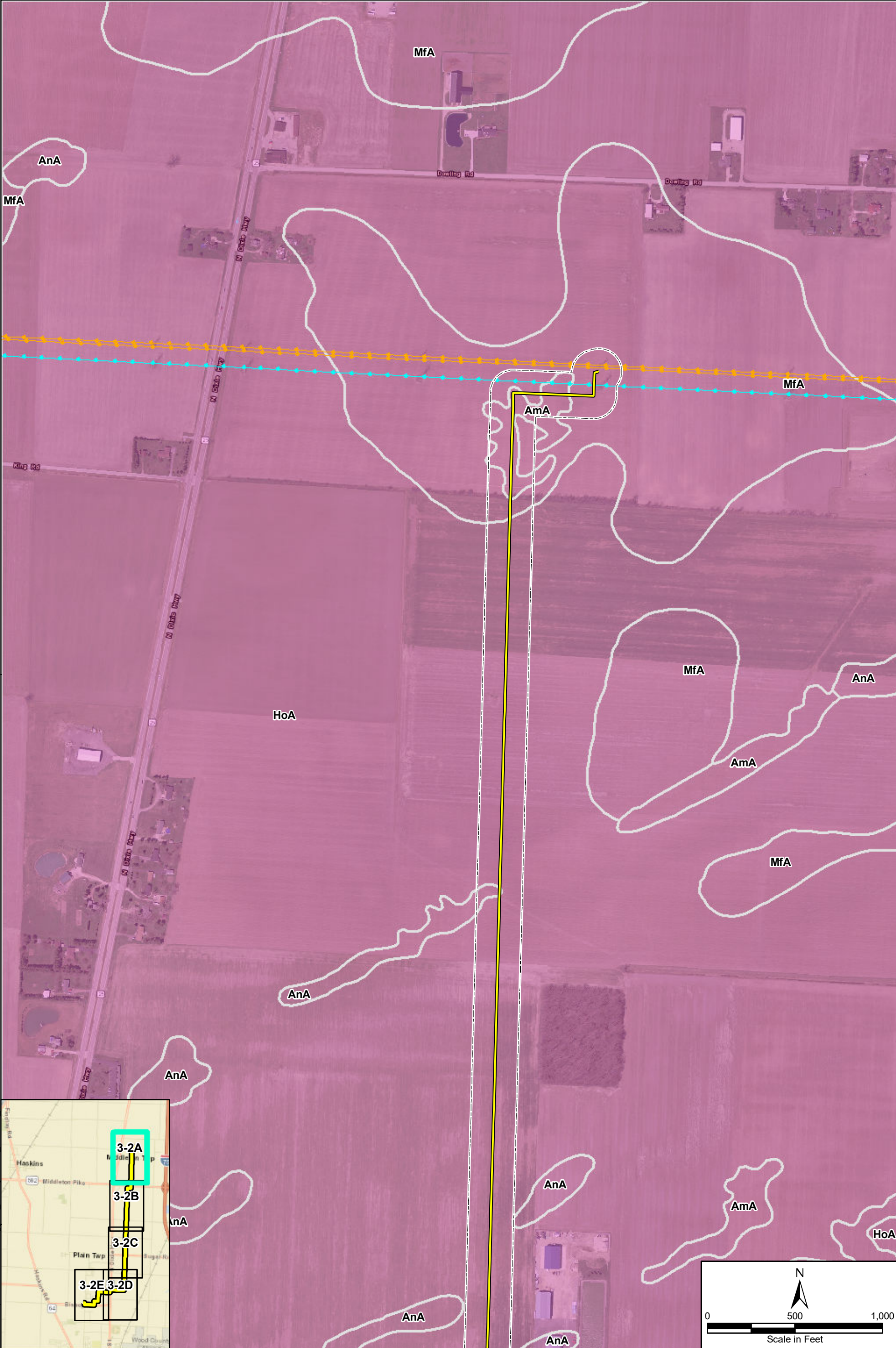
- Western Alternative Route - Survey Area	- Existing Substation - Existing 69kV Transmission Line - Existing 138kV Transmission Line - Existing 345kV Transmission Line	- Hydric Soil - Soil Unit		Figure 3-1C Soils Map Wood County 138kV Reinforcement Project
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- Western Alternative Route - Survey Area	- Existing Substation - Existing 69kV Transmission Line - Existing 138kV Transmission Line - Existing 345kV Transmission Line	- Hydric Soil - Soil Unit		Figure 3-1D Soils Map Wood County 138kV Reinforcement Project
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|---------------------------|----------------------------------|-------------|
| Eastern Alternative Route | Existing Substation | Hydric Soil |
| Survey Area | Existing 69kV Transmission Line | Soil Unit |
| | Existing 138kV Transmission Line | |
| | Existing 345kV Transmission Line | |

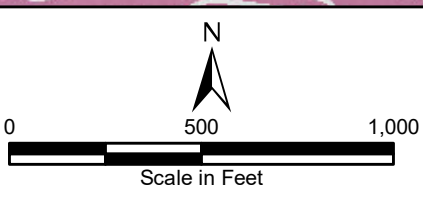
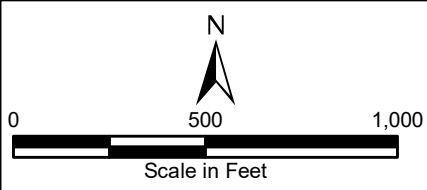
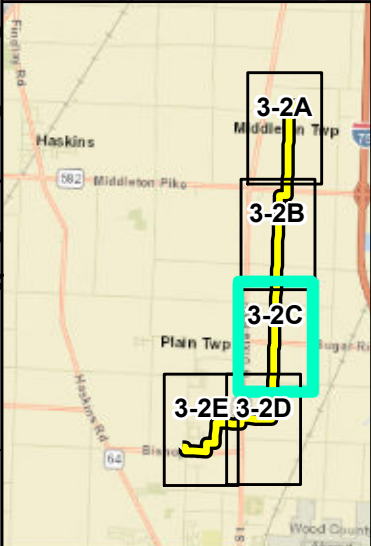
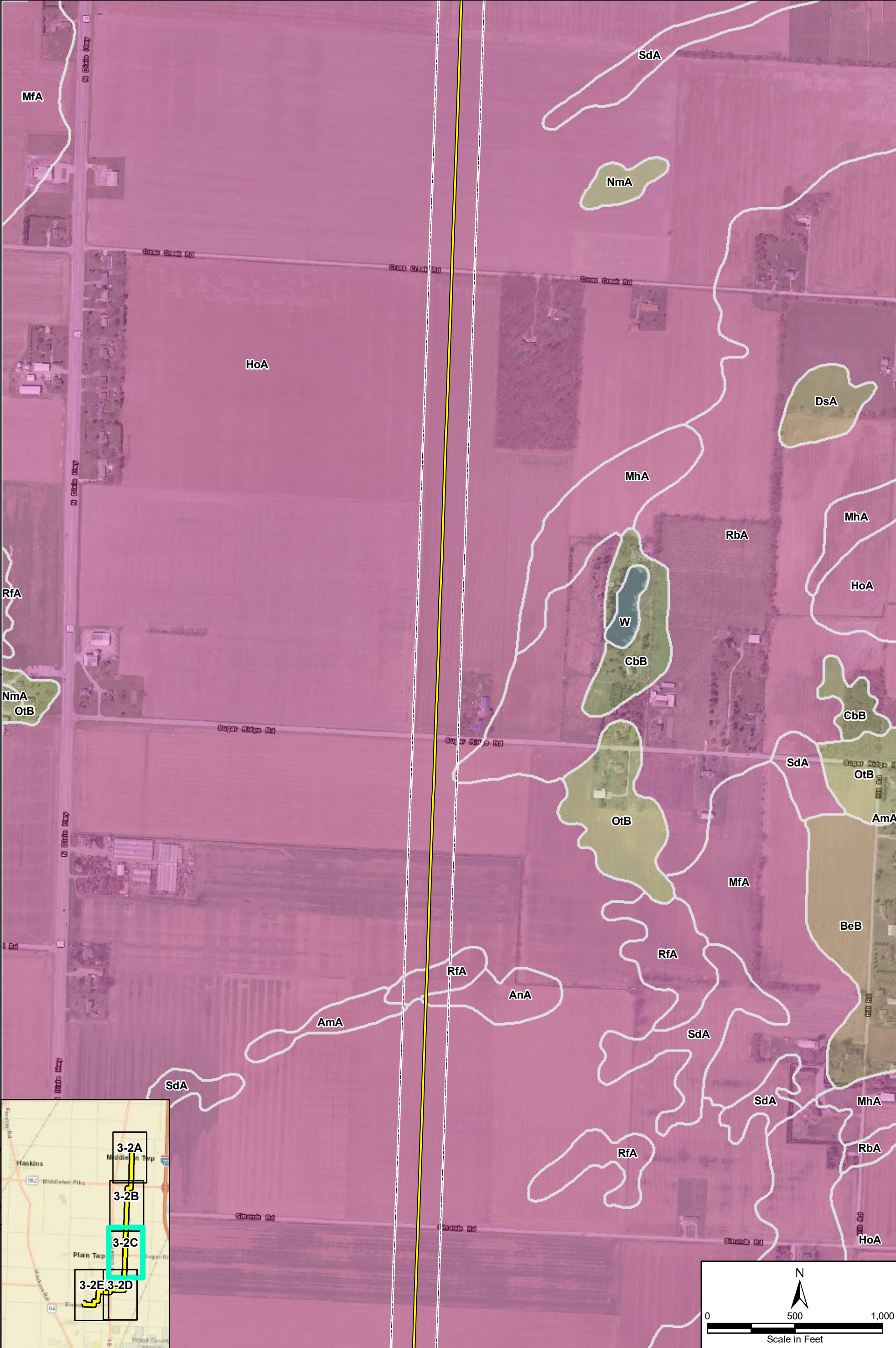


Figure 3-2A
Soils Map

Wood County 138kV
Reinforcement Project

GPD Group
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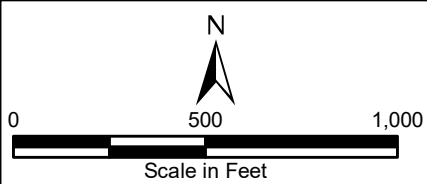
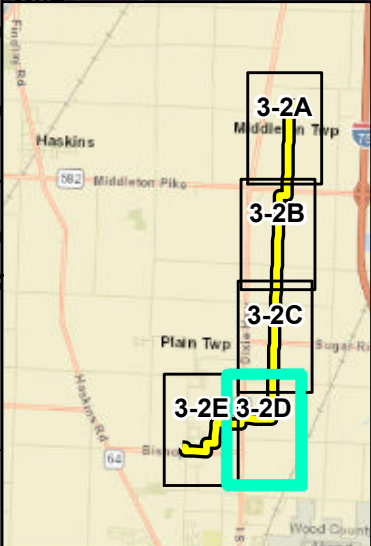
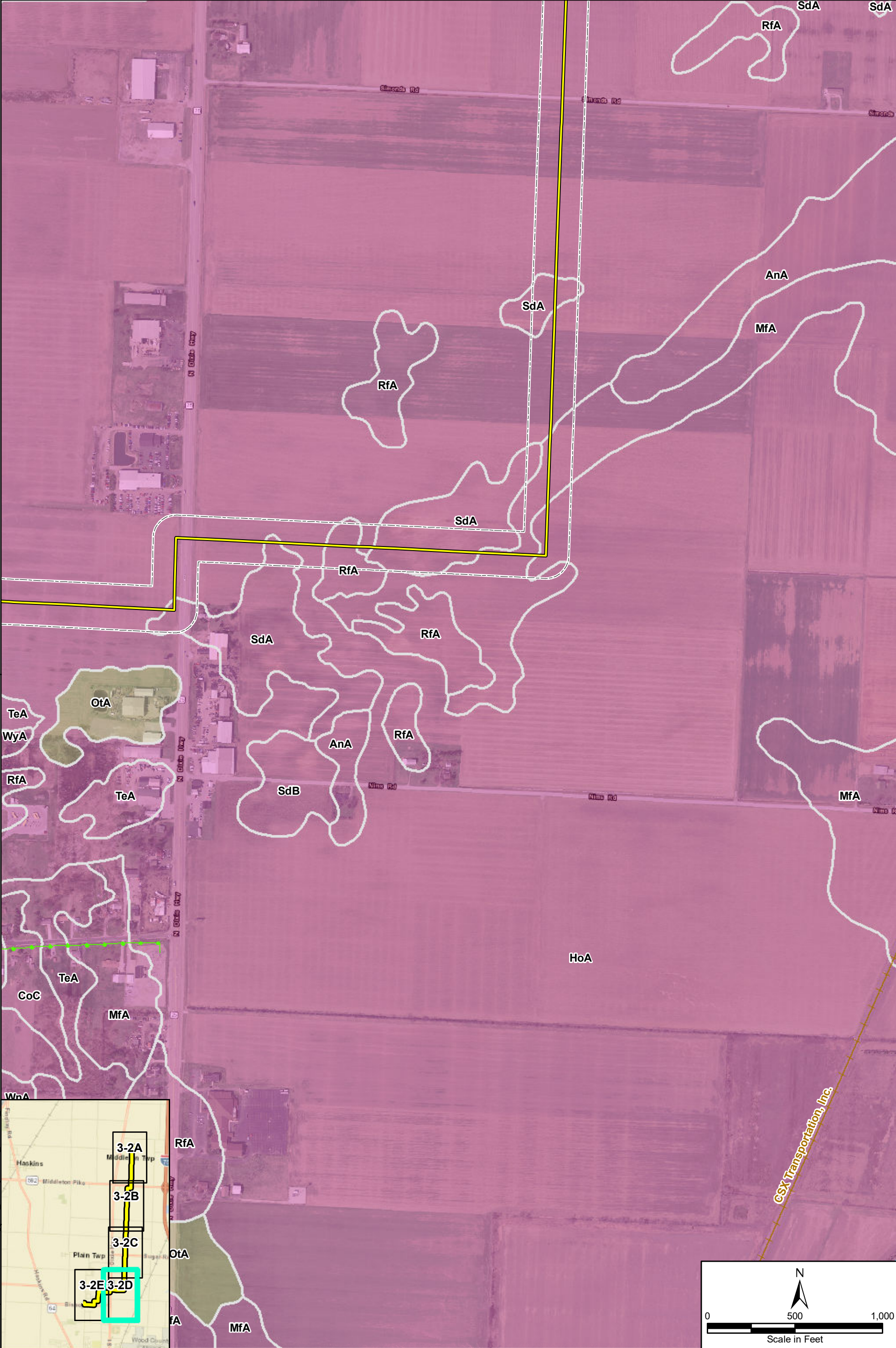
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|---------------------------|----------------------------------|-------------|
| Eastern Alternative Route | Existing Substation | Hydric Soil |
| Survey Area | Existing 69kV Transmission Line | Soil Unit |
| | Existing 138kV Transmission Line | |
| | Existing 345kV Transmission Line | |



Figure 3-2C
Soils Map

Wood County 138kV
Reinforcement Project

GPD Group
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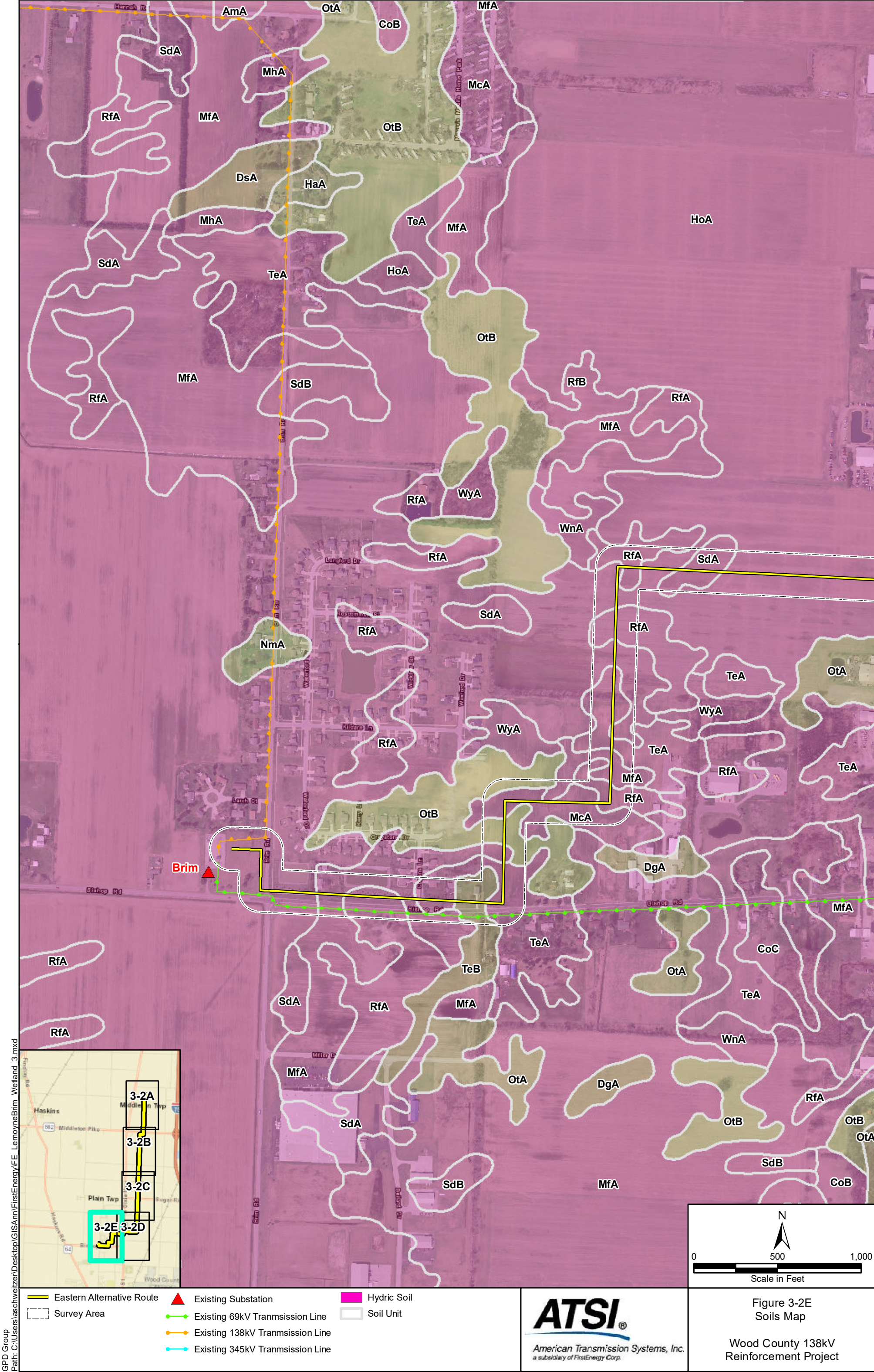


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|---------------------------|----------------------------------|-------------|
| Eastern Alternative Route | Existing Substation | Hydric Soil |
| Survey Area | Existing 69kV Transmission Line | Soil Unit |
| | Existing 138kV Transmission Line | |
| | Existing 345kV Transmission Line | |



Figure 3-2D
Soils Map

Wood County 138kV
Reinforcement Project



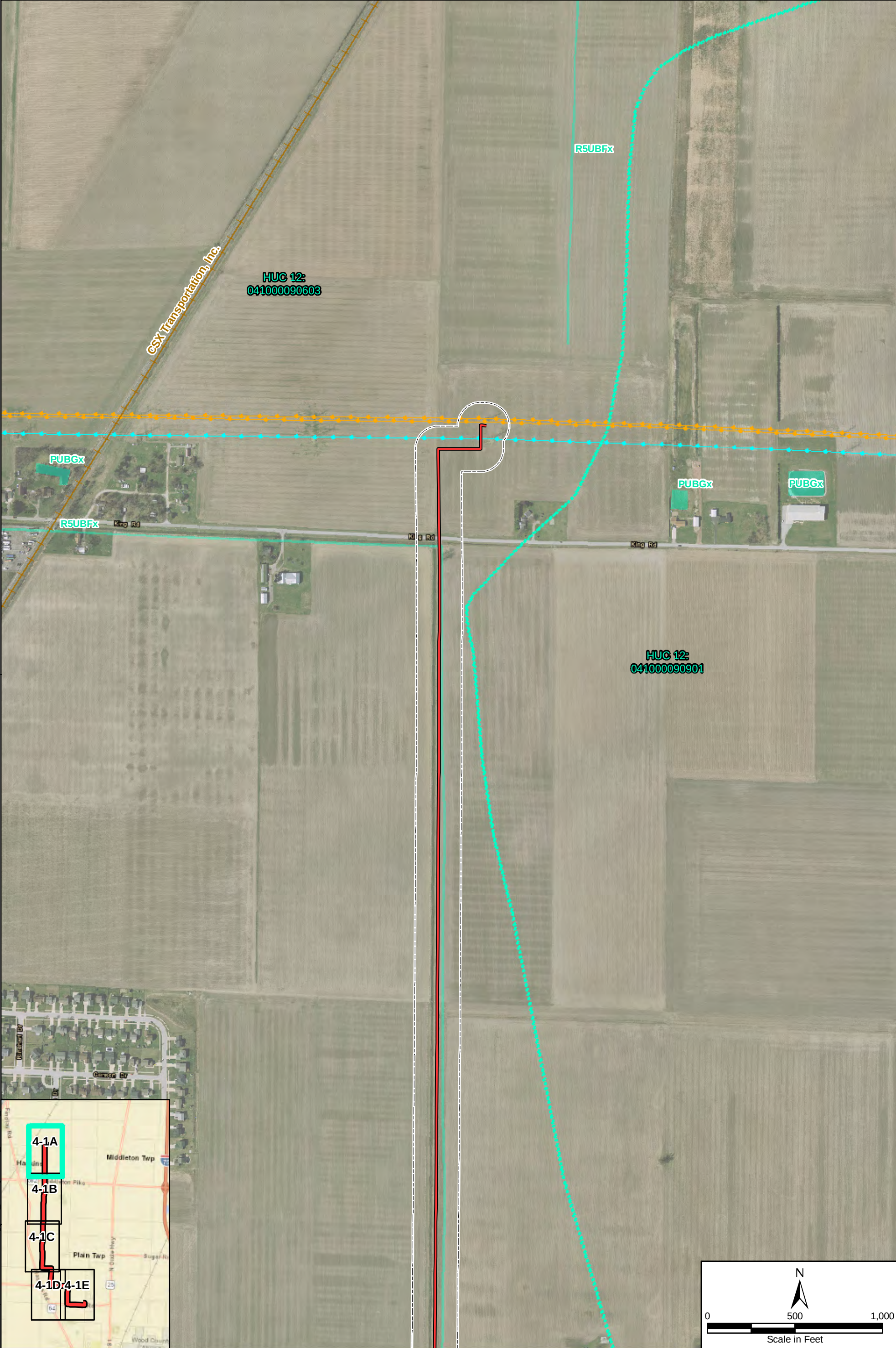
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Figure 3-2E
Soils Map

Wood County 138kV
Reinforcement Project

GPD Group
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|---------------------------|----------------------------------|-------------|
| Western Alternative Route | Existing Substation | NWI Wetland |
| Survey Area | Existing 69kV Transmission Line | Watershed |
| | Existing 138kV Transmission Line | |
| | Existing 345kV Transmission Line | |

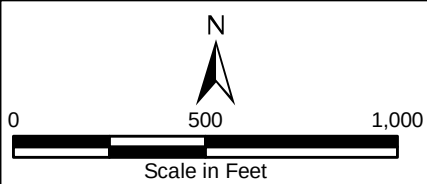
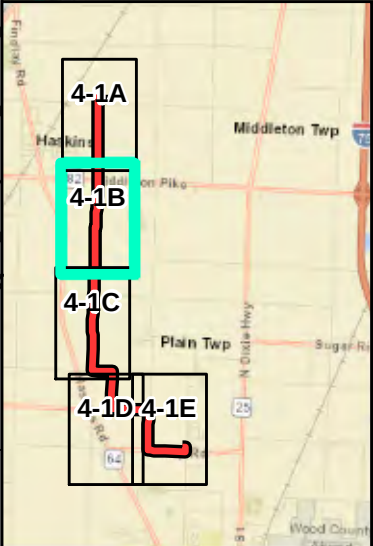
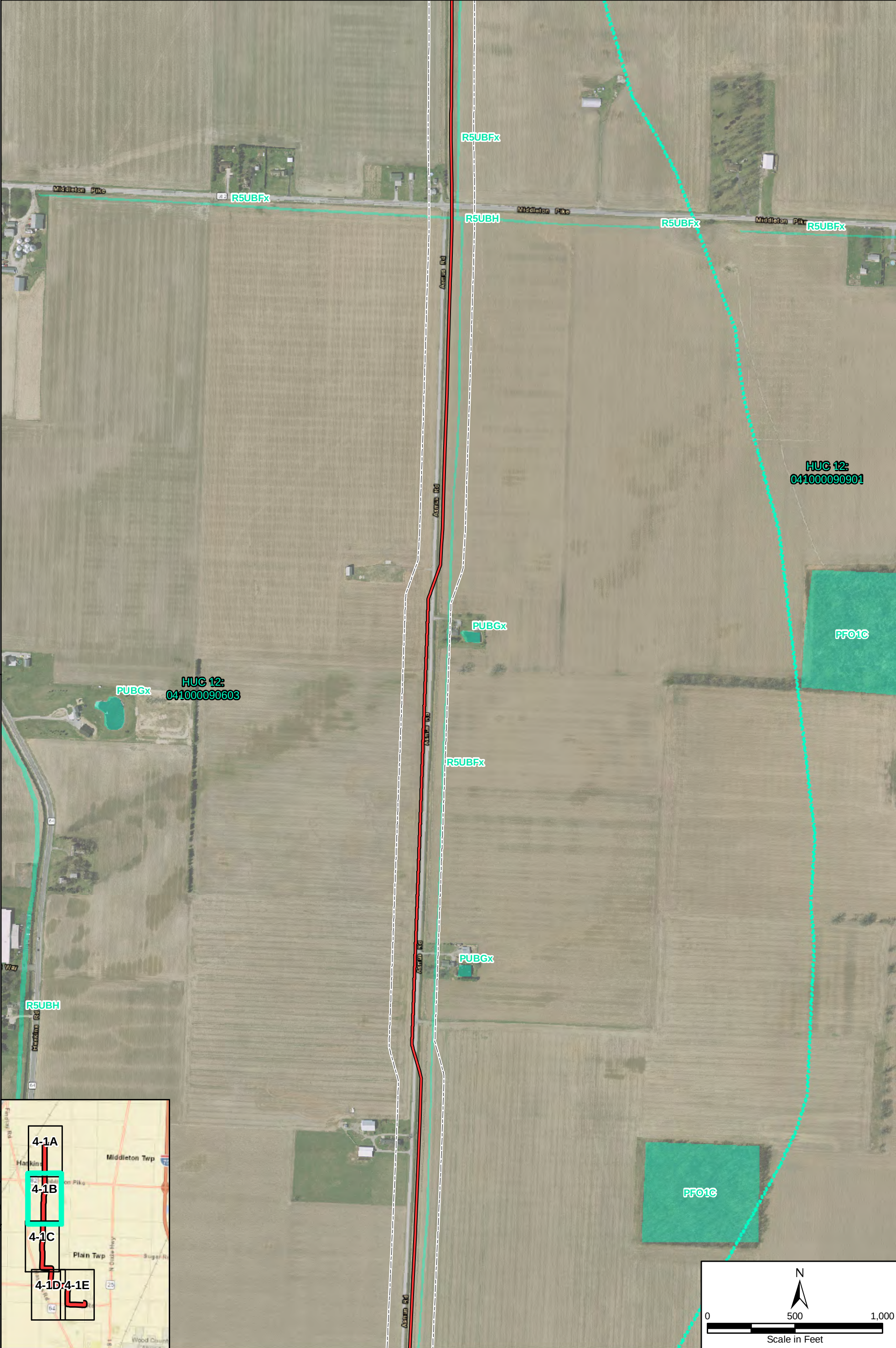


Figure 4-1A
National Wetlands Inventory Map

Wood County 138kV
Reinforcement Project

GPD Group
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|---------------------------|----------------------------------|-------------|
| Western Alternative Route | Existing Substation | NWI Wetland |
| Survey Area | Existing 69kV Transmission Line | Watershed |
| | Existing 138kV Transmission Line | |
| | Existing 345kV Transmission Line | |

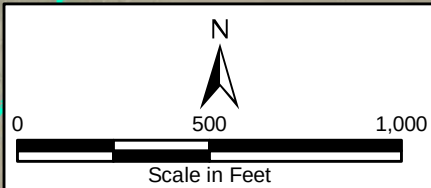
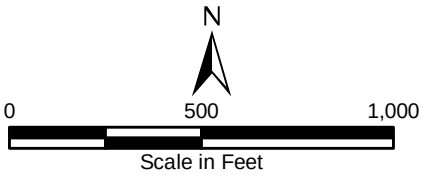
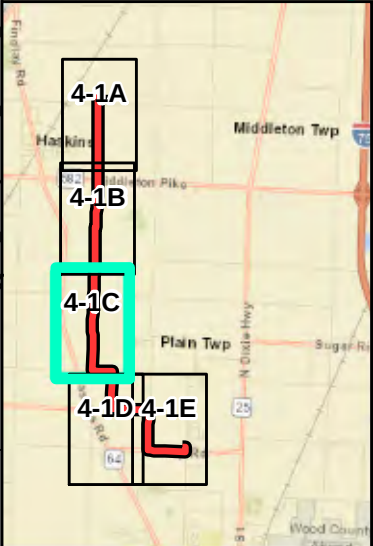
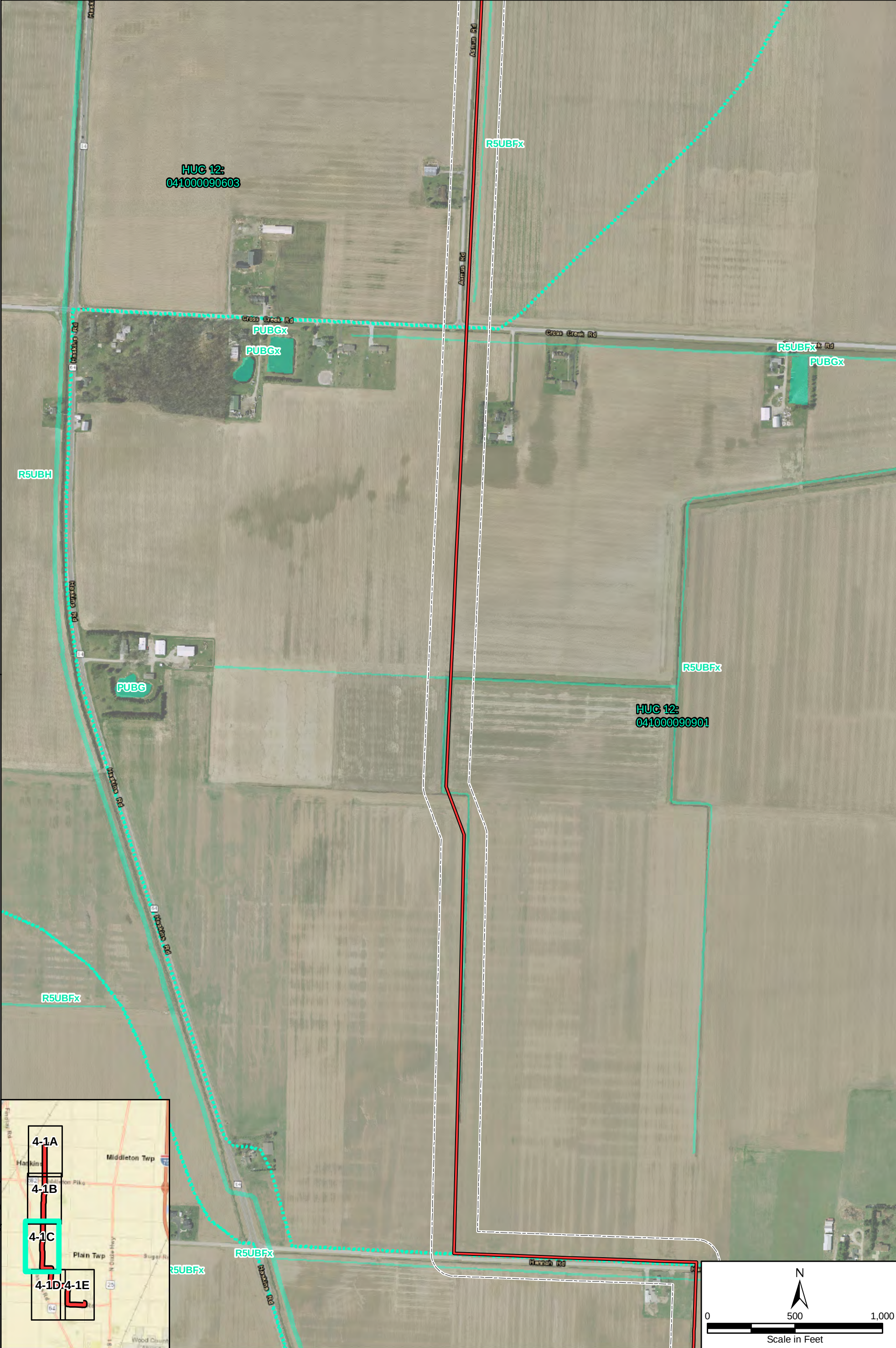


Figure 4-1B
National Wetlands Inventory Map

Wood County 138kV
Reinforcement Project

GPD Group
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Western Alternative Route	Existing Substation	NWI Wetland
Survey Area	Existing 69kV Transmission Line	Watershed
	Existing 138kV Transmission Line	
	Existing 345kV Transmission Line	

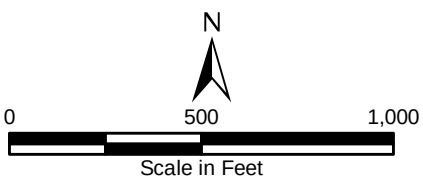
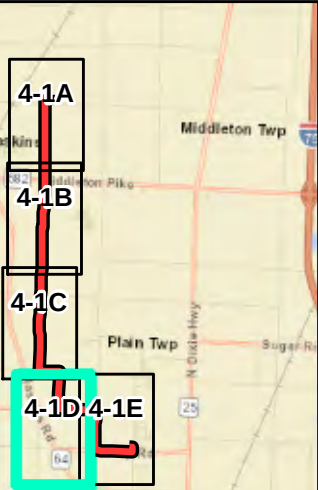
ATSI[®]

American Transmission Systems, Inc.
a subsidiary of FirstEnergy Corp.

Figure 4-1C
National Wetlands Inventory Map

Wood County 138kV
Reinforcement Project

GPD Group
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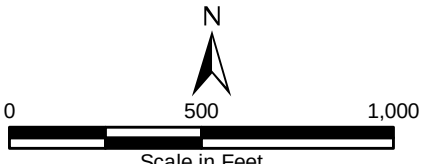
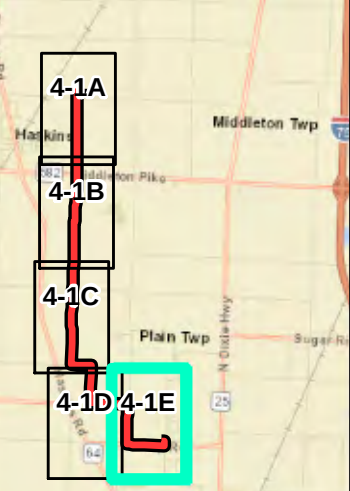
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|-----------------------------|------------------------------------|---------------|
| — Western Alternative Route | ▲ Existing Substation | ■ NWI Wetland |
| - - - Survey Area | — Existing 69kV Transmission Line | ■ Watershed |
| | — Existing 138kV Transmission Line | |
| | — Existing 345kV Transmission Line | |



Figure 4-1D
National Wetlands Inventory Map

Wood County 138kV
Reinforcement Project

GPD Group
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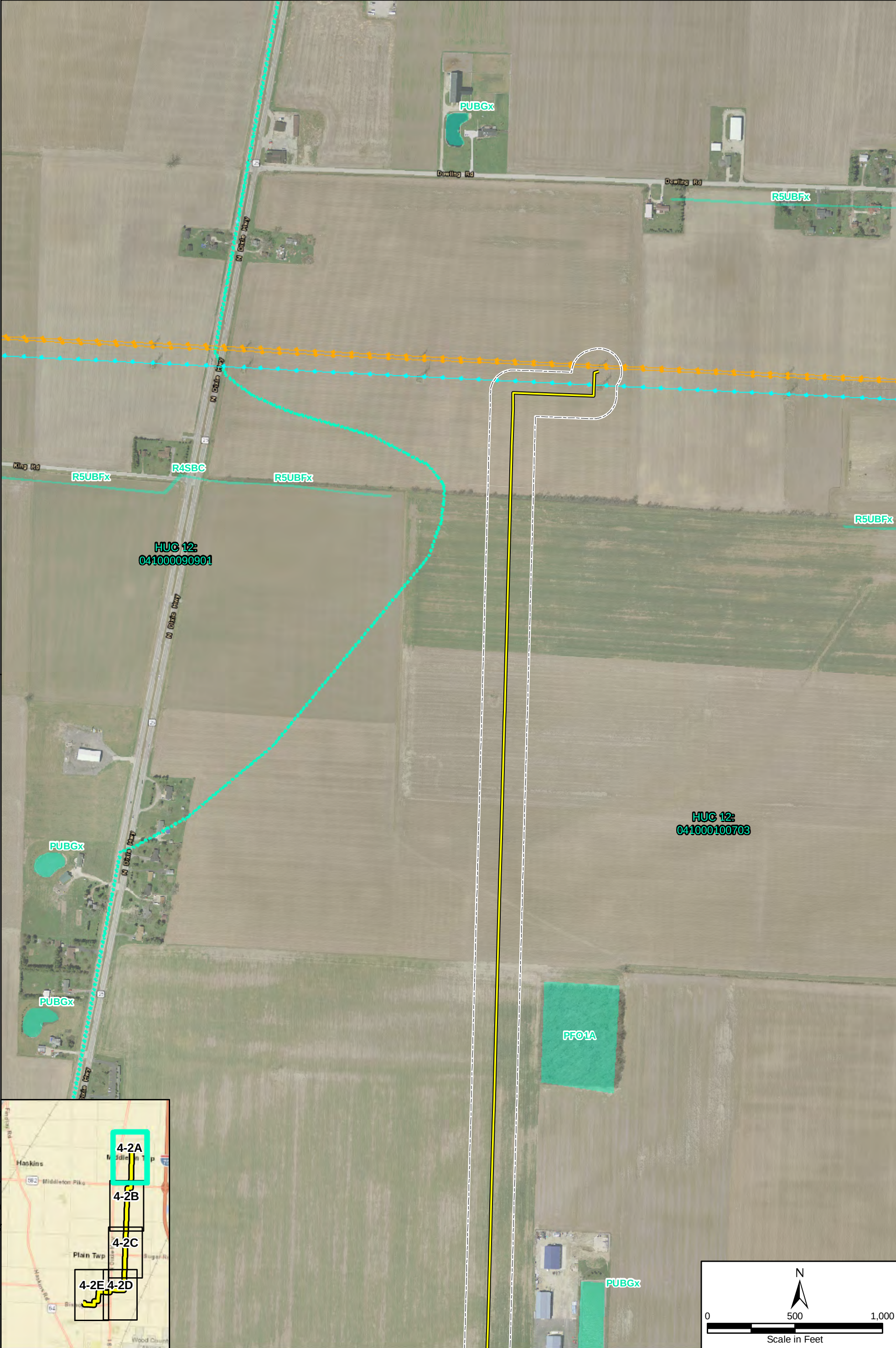
- | | | |
|---------------------------|----------------------------------|-------------|
| Western Alternative Route | Existing Substation | NWI Wetland |
| Survey Area | Existing 69kV Transmission Line | Watershed |
| | Existing 138kV Transmission Line | |
| | Existing 345kV Transmission Line | |



Figure 4-1E
National Wetlands Inventory Map

Wood County 138kV
Reinforcement Project

GPD Group
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|---------------------------|----------------------------------|-------------|
| Eastern Alternative Route | Existing Substation | NWI Wetland |
| Survey Area | Existing 69kV Transmission Line | Watershed |
| | Existing 138kV Transmission Line | |
| | Existing 345kV Transmission Line | |

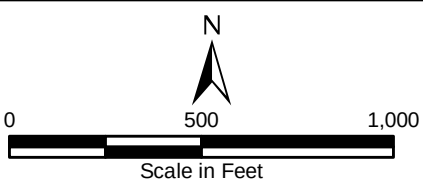


Figure 4-2A
National Wetlands Inventory Map

Wood County 138kV
Reinforcement Project

GPD Group
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|---------------------------|----------------------------------|-------------|
| Eastern Alternative Route | Existing Substation | NWI Wetland |
| Survey Area | Existing 69kV Transmission Line | Watershed |
| | Existing 138kV Transmission Line | |
| | Existing 345kV Transmission Line | |

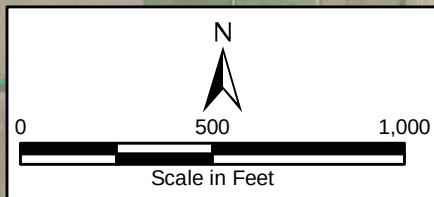


Figure 4-2B
National Wetlands Inventory Map

Wood County 138kV
Reinforcement Project

GPD Group
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|---------------------------|----------------------------------|-------------|
| Eastern Alternative Route | Existing Substation | NWI Wetland |
| Survey Area | Existing 69kV Transmission Line | Watershed |
| | Existing 138kV Transmission Line | |
| | Existing 345kV Transmission Line | |

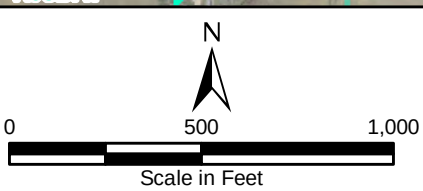
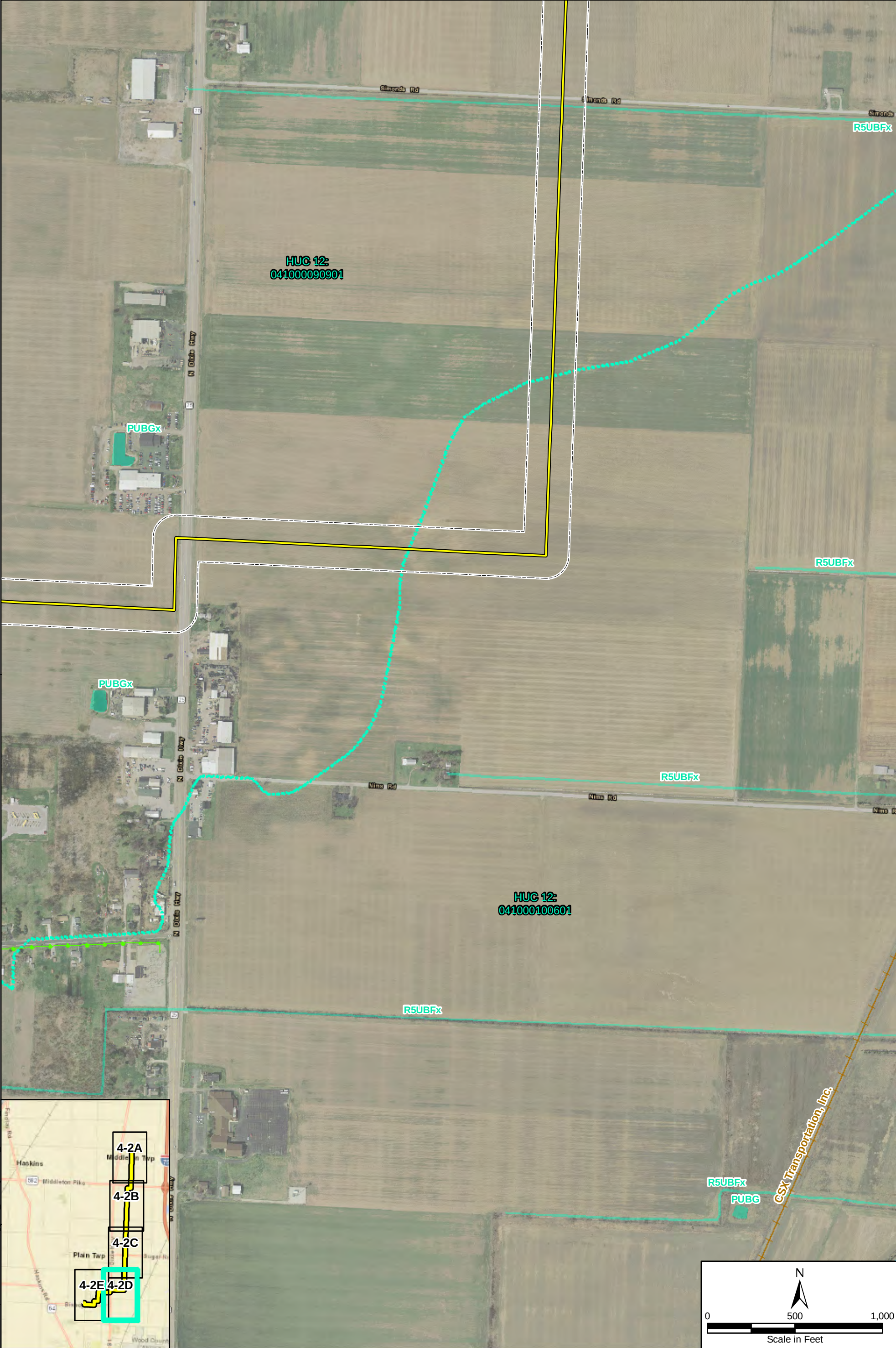


Figure 4-2C
National Wetlands Inventory Map

Wood County 138kV
Reinforcement Project

GPD Group
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|---------------------------|----------------------------------|-------------|
| Eastern Alternative Route | Existing Substation | NWI Wetland |
| Survey Area | Existing 69kV Transmission Line | Watershed |
| | Existing 138kV Transmission Line | |
| | Existing 345kV Transmission Line | |

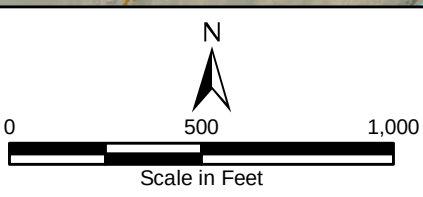
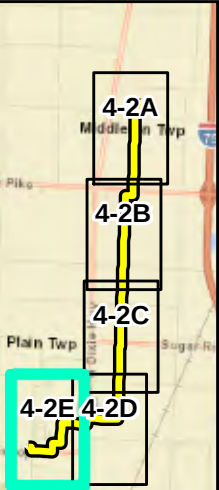


Figure 4-2D
National Wetlands Inventory Map

Wood County 138kV
Reinforcement Project

GPD Group
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- | | | |
|---------------------------|----------------------------------|-------------|
| Eastern Alternative Route | Existing Substation | NWI Wetland |
| Survey Area | Existing 69kV Transmission Line | Watershed |
| | Existing 138kV Transmission Line | |
| | Existing 345kV Transmission Line | |

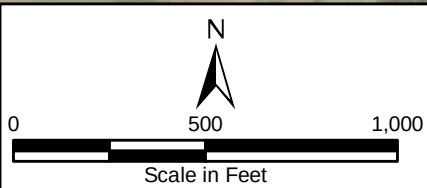


Figure 4-2E
National Wetlands Inventory Map

Wood County 138kV
Reinforcement Project

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Commission of Ohio Docketing Information System on

12/19/2018 12:27:54 PM

in

Case No(s). 18-1335-EL-BTX

Summary: Application for a Certificate of Environmental Compatibility and Public Need (Part 7 of 8) electronically filed by Mr. Robert J Schmidt on behalf of American Transmission Systems Inc.