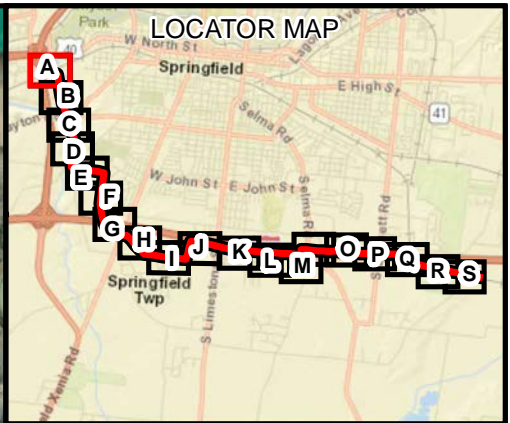


\\brookside\GIS_SHARE\ENBG\00_Proj\FirstEnergy\Clark_Green_138kV\Maps\Report\WDR_Figure_5_Delineation_20180118.mxd



LEGEND:

- ▲ Substation/End Structure
- Project Alignment
- Environmental Survey Corridor

Data Point

- Upland
- Wetland
- ▬ Delineated Stream
- ▬ Delineated Pond

Delineated Wetland

- ▨ Palustrine Emergent (PEM)
- ▨ Palustrine Scrub Shrub (PSS)
- Stream (NHD)
- ▬ Wetland (NWI)

BASE MAP SOURCE:
NAIP 2015 IMAGERY

STREAMS: NATIONAL HYDROLOGY
DATASET (NHD), USGS

WETLANDS: NATIONAL WETLANDS
INVENTORY (NWI), USFWS

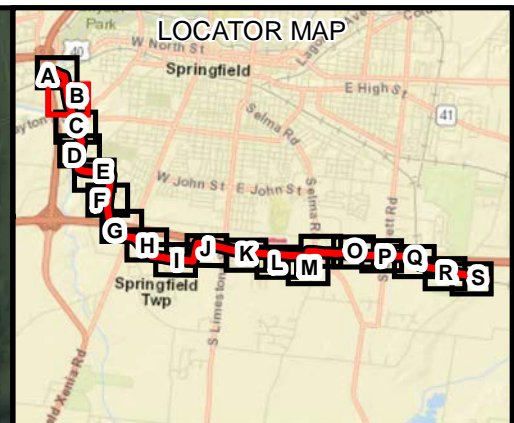
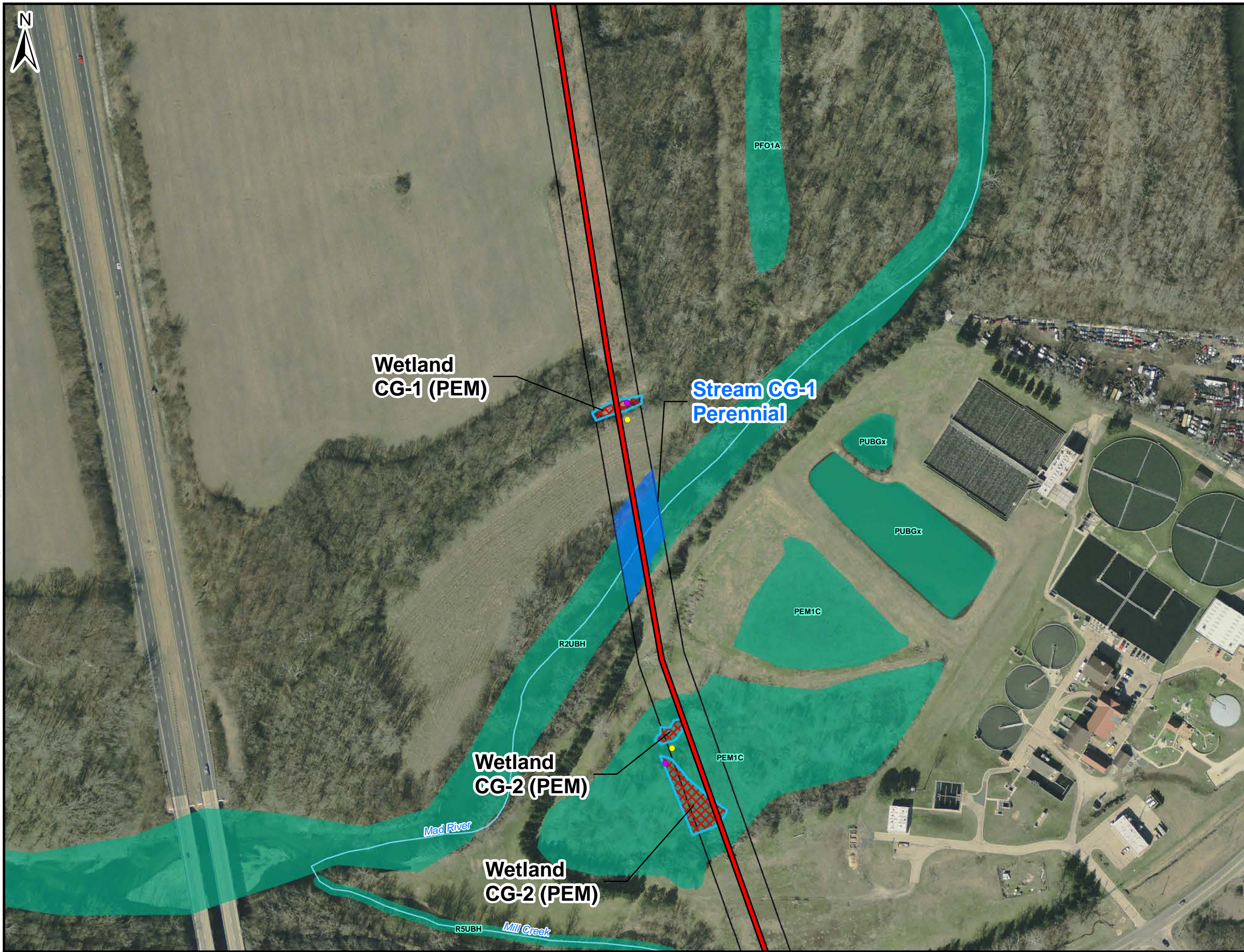
0 200 400
Scale in Feet

FirstEnergy Clark-Green 138 kV Transmission
Line Insulator & Pole Replacement
Project; Clark County, OH

**FIGURE 4A
DELINEATED FEATURES MAP**

PN: 696303	DATE: 1/23/2018
CREATED BY: MV	ch2m
REVIEWED BY: BR	

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LEGEND:

- ▲ Substation/End Structure
- Project Alignment
- Environmental Survey Corridor
- Data Point**
 - Upland
 - Wetland
- Delineated Stream
- Delineated Pond
- Delineated Wetland**
 - ▨ Palustrine Emergent (PEM)
 - ▨ Palustrine Scrub Shrub (PSS)
 - Stream (NHD)
 - Wetland (NWI)

BASE MAP SOURCE:
NAIP 2015 IMAGERY

STREAMS: NATIONAL HYDROLOGY
DATASET (NHD), USGS

WETLANDS: NATIONAL WETLANDS
INVENTORY (NWI), USFWS

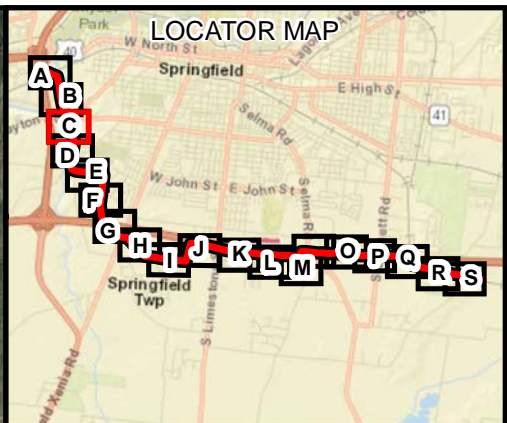
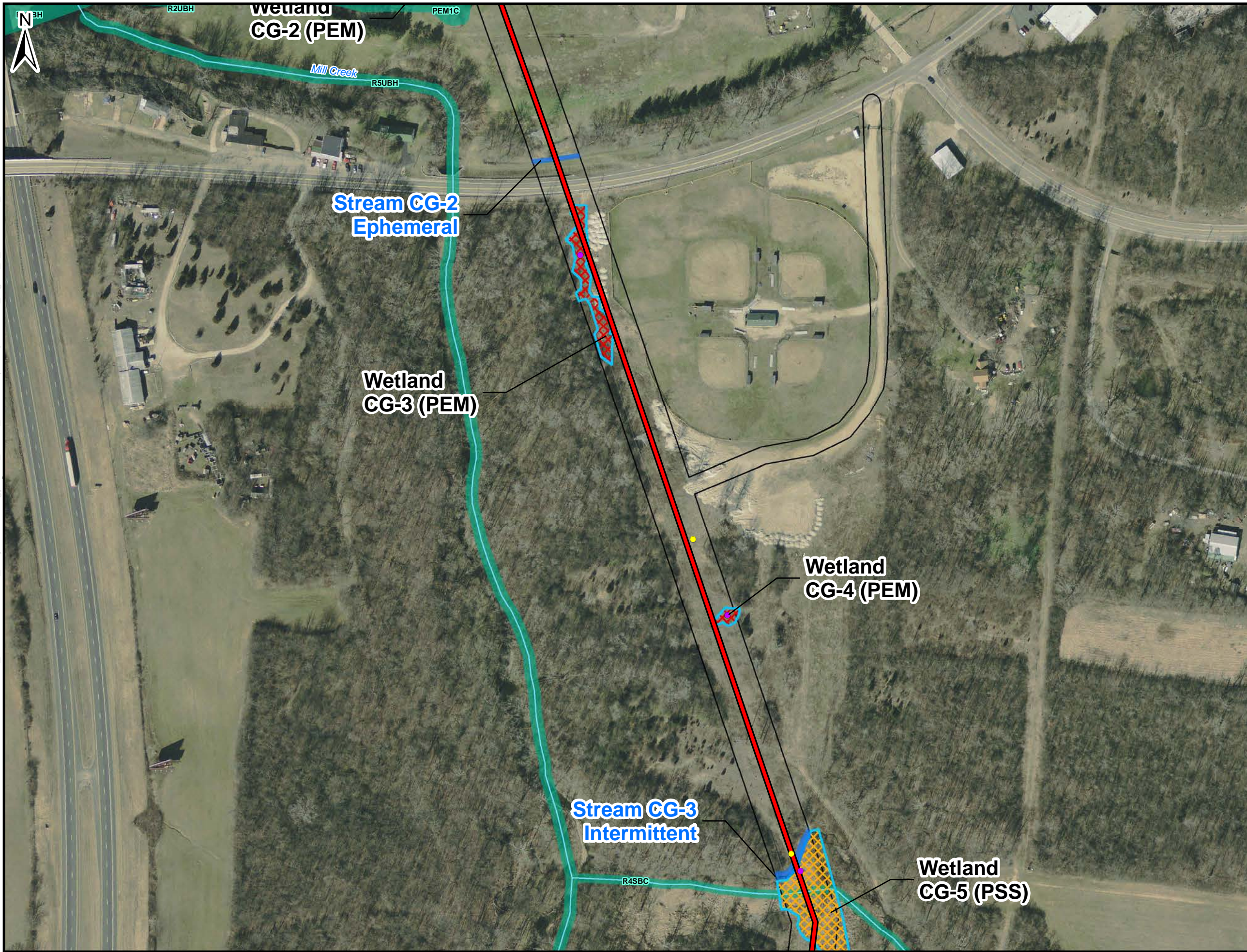
0 200 400
Scale in Feet

FirstEnergy Clark-Green 138 kV Transmission
Line Insulator & Pole Replacement
Project; Clark County, OH

**FIGURE 4B
DELINEATED FEATURES MAP**

PN: 696303	DATE: 1/23/2018
CREATED BY: MV	ch2m
REVIEWED BY: BR	

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LEGEND:

- ▲ Substation/End Structure
- Project Alignment
- Environmental Survey Corridor
- Data Point**
 - Upland
 - Wetland
- Delineated Stream
- Delineated Pond
- Delineated Wetland**
 - ▨ Palustrine Emergent (PEM)
 - ▨ Palustrine Scrub Shrub (PSS)
 - Stream (NHD)
 - Wetland (NWI)

BASE MAP SOURCE:
NAIP 2015 IMAGERY

STREAMS: NATIONAL HYDROLOGY
DATASET (NHD), USGS

WETLANDS: NATIONAL WETLANDS
INVENTORY (NWI), USFWS

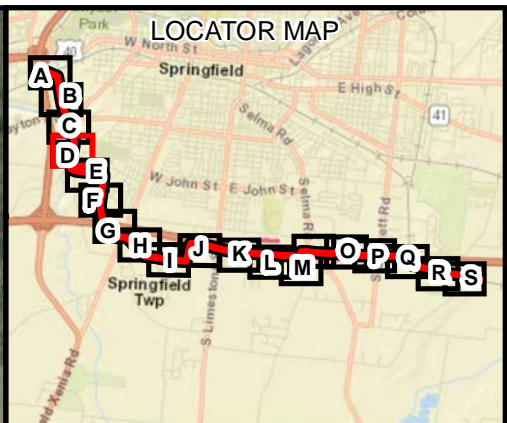
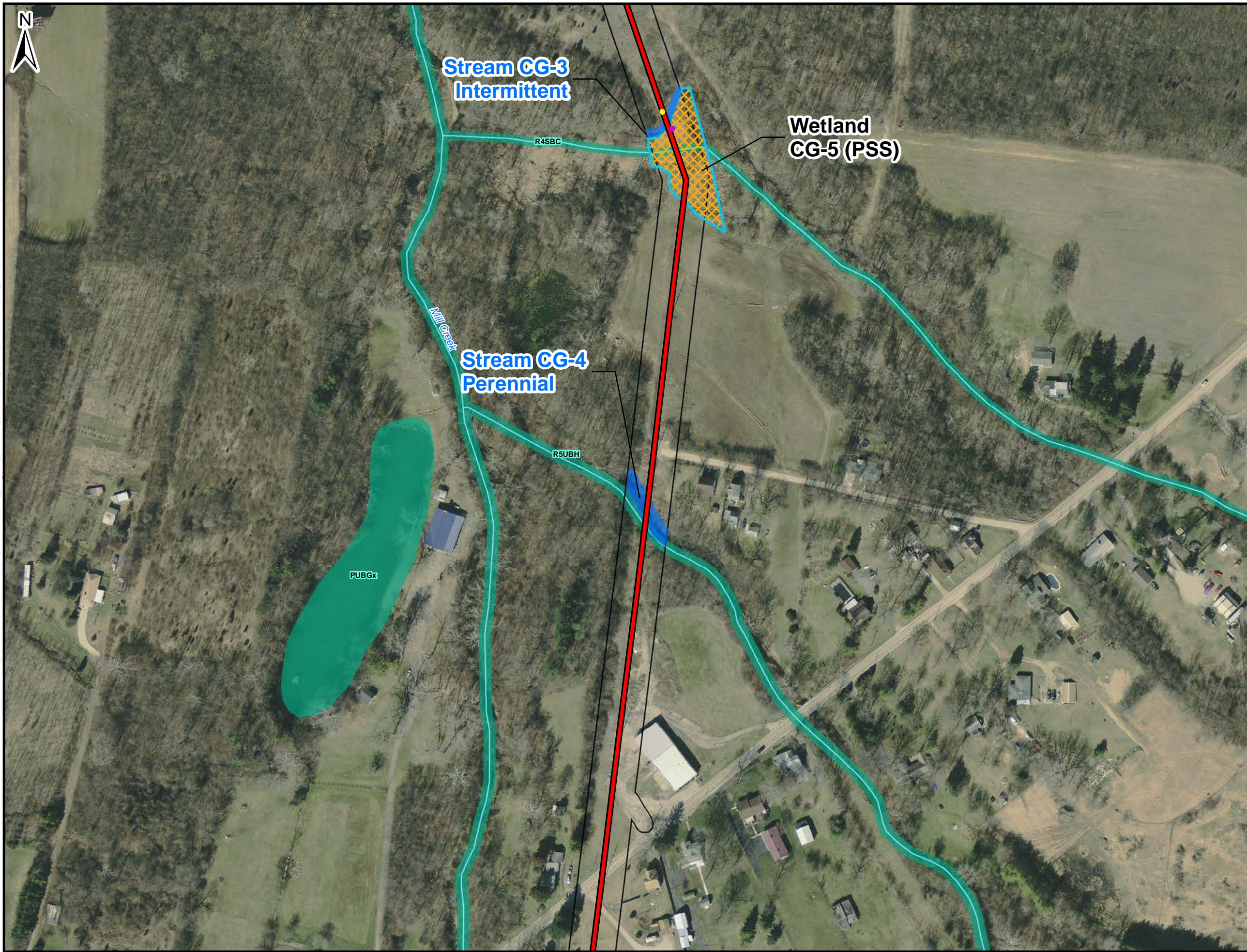
0 200 400
Scale in Feet

FirstEnergy Clark-Green 138 kV Transmission
Line Insulator & Pole Replacement
Project; Clark County, OH

FIGURE 4C
DELINEATED FEATURES MAP

PN: 696303	DATE: 1/23/2018
CREATED BY: MV	ch2m
REVIEWED BY: BR	

\\brookside\GIS_SHARE\ENBG\00_Proj\FirstEnergy\Clark_Green_138kV\Maps\Report\WDR_Figure_5_Delineation_20180118.mxd



LEGEND:

- ▲ Substation/End Structure
- Project Alignment
- Environmental Survey Corridor
- Data Point**
 - Upland
 - Wetland
- Delineated Stream**
 - Delineated Stream
- Delineated Pond**
 - Delineated Pond
- Delineated Wetland**
 - ▨ Palustrine Emergent (PEM)
 - ▨ Palustrine Scrub Shrub (PSS)
 - Stream (NHD)
 - Wetland (NWI)

BASE MAP SOURCE:
NAIP 2015 IMAGERY

STREAMS: NATIONAL HYDROLOGY
DATASET (NHD), USGS

WETLANDS: NATIONAL WETLANDS
INVENTORY (NWI), USFWS

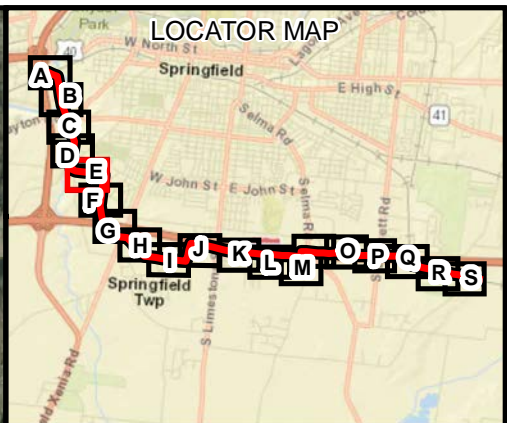
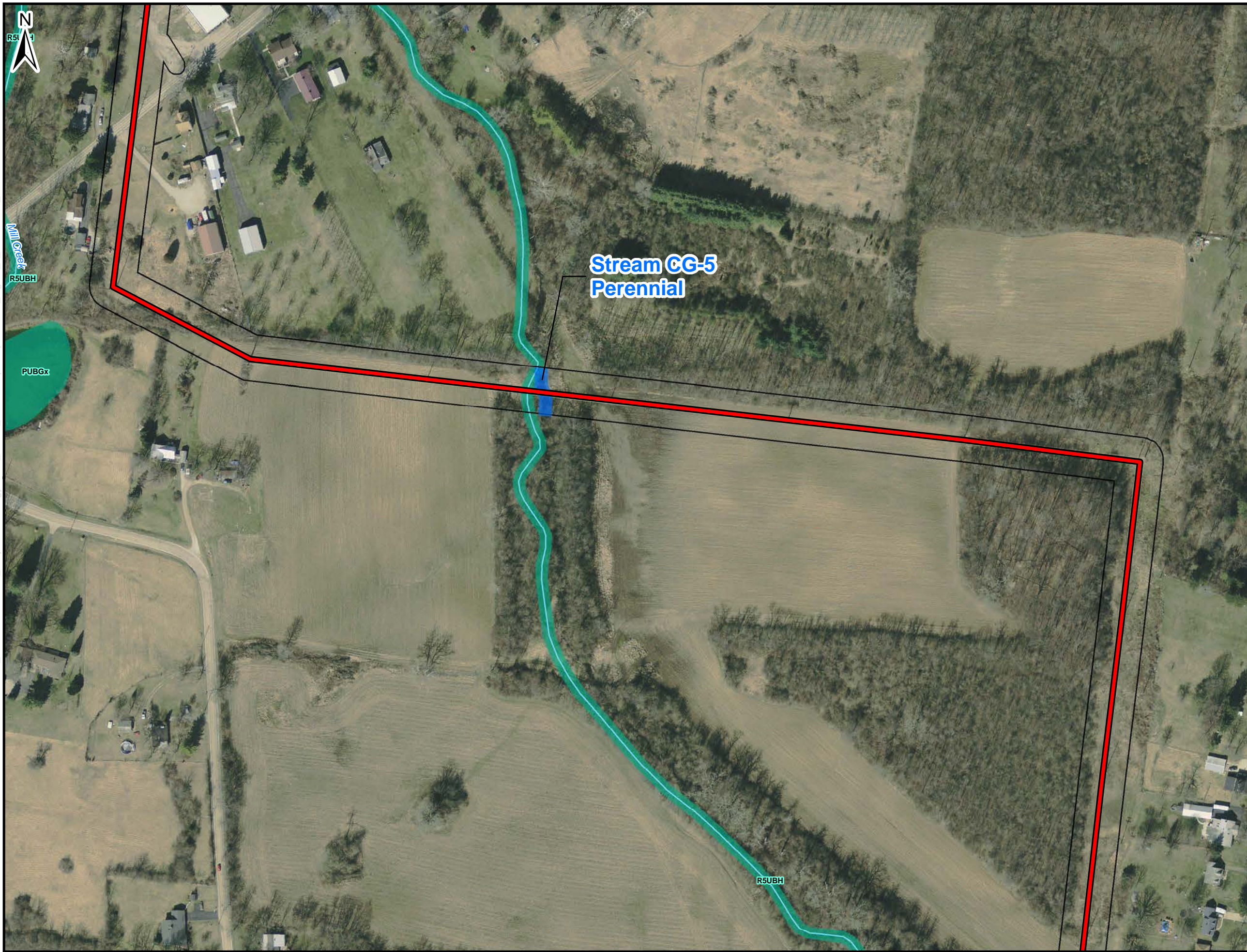
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Scale in Feet

FirstEnergy Clark-Green 138 kV Transmission
Line Insulator & Pole Replacement
Project; Clark County, OH

**FIGURE 4D
DELINEATED FEATURES MAP**

PN: 696303	DATE: 1/23/2018
CREATED BY: MV	ch2m
REVIEWED BY: BR	

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LEGEND:

- ▲ Substation/End Structure
- Project Alignment
- Environmental Survey Corridor
- Data Point**
 - Upland
 - Wetland
- Delineated Stream
- Delineated Pond
- Delineated Wetland**
 - ▨ Palustrine Emergent (PEM)
 - ▨ Palustrine Scrub Shrub (PSS)
 - Stream (NHD)
 - Wetland (NWI)

BASE MAP SOURCE:
NAIP 2015 IMAGERY

STREAMS: NATIONAL HYDROLOGY
DATASET (NHD), USGS

WETLANDS: NATIONAL WETLANDS
INVENTORY (NWI), USFWS

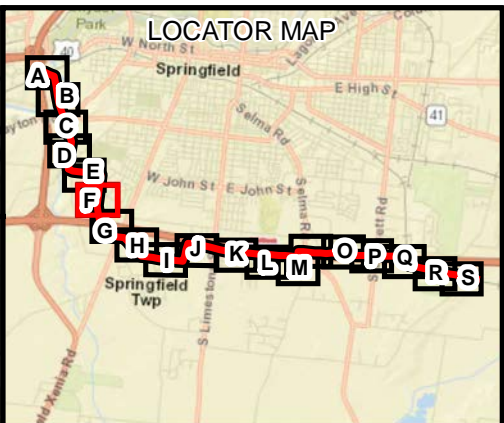
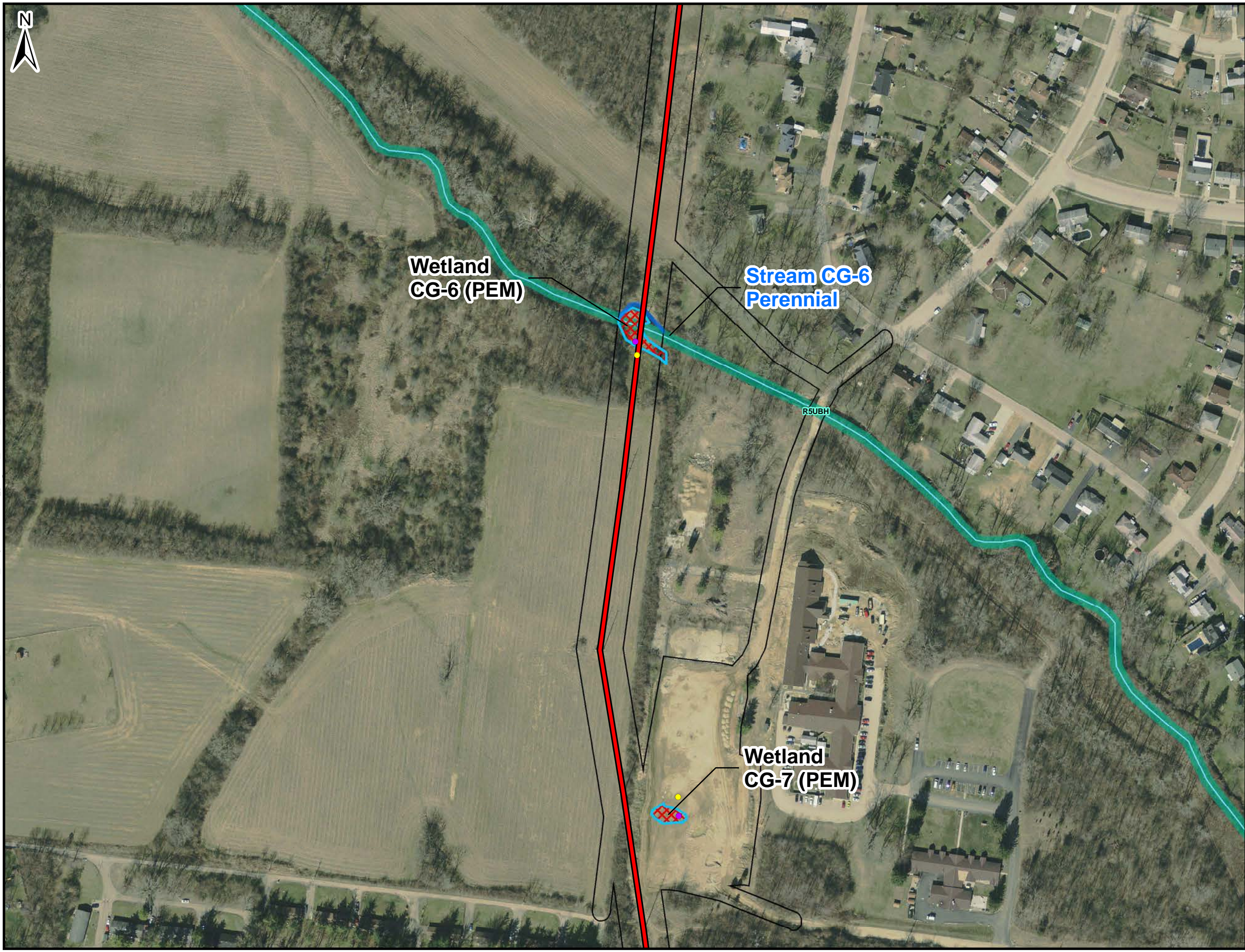
0 200 400
Scale in Feet

FirstEnergy Clark-Green 138 kV Transmission
Line Insulator & Pole Replacement
Project; Clark County, OH

**FIGURE 4E
DELINEATED FEATURES MAP**

PN: 696303	DATE: 1/23/2018
CREATED BY: MV	ch2m
REVIEWED BY: BR	

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LEGEND:

- ▲ Substation/End Structure
- Project Alignment
- Environmental Survey Corridor

Data Point

- Upland
- Wetland
- ▭ Delineated Stream
- ▭ Delineated Pond

Delineated Wetland

- ▨ Palustrine Emergent (PEM)
- ▨ Palustrine Scrub Shrub (PSS)
- Stream (NHD)
- ▭ Wetland (NWI)

BASE MAP SOURCE:
NAIP 2015 IMAGERY

STREAMS: NATIONAL HYDROLOGY
DATASET (NHD), USGS

WETLANDS: NATIONAL WETLANDS
INVENTORY (NWI), USFWS

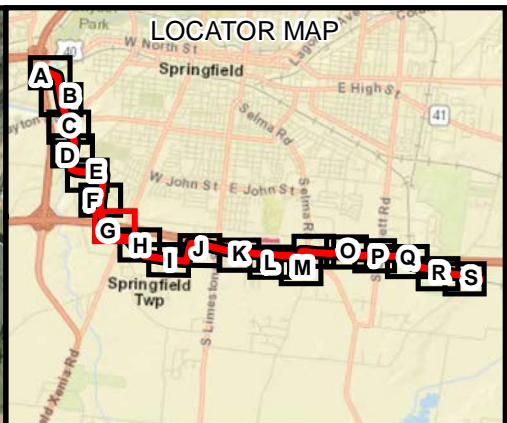
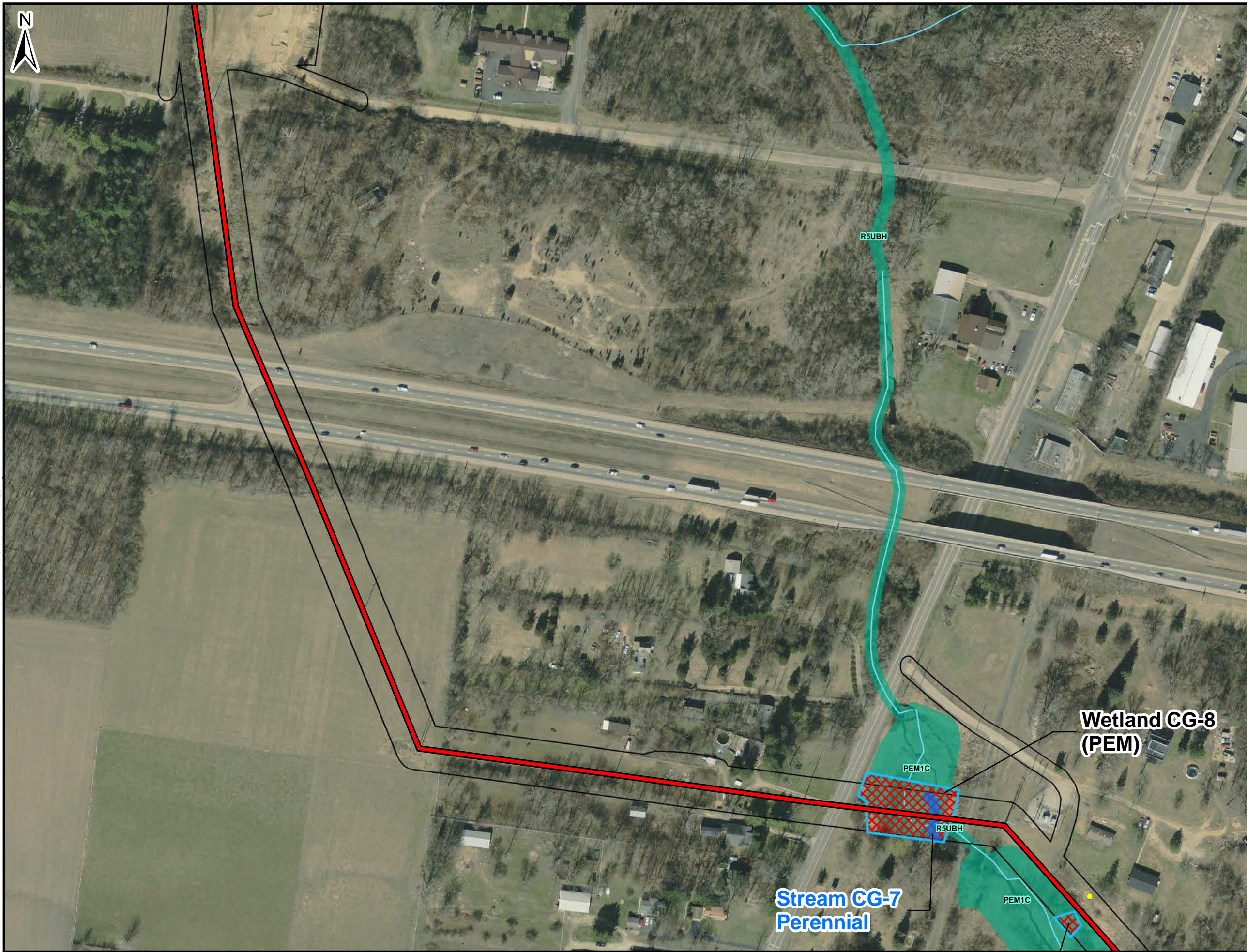
0 200 400
Scale in Feet

FirstEnergy Clark-Green 138 kV Transmission
Line Insulator & Pole Replacement
Project; Clark County, OH

**FIGURE 4F
DELINEATED FEATURES MAP**

PN: 696303	DATE: 1/23/2018
CREATED BY: MV	ch2m
REVIEWED BY: BR	

\\brookside\GIS_SHARE\ENBG\00_Proj\FirstEnergy\Clark_Green_138kV\Maps\Report\WDR_Figure_5_Delineation_20180118.mxd



LEGEND:

- ▲ Substation/End Structure
- Project Alignment
- Environmental Survey Corridor

Data Point

- Upland
- Wetland

Delineated Stream

- Delineated Stream

Delineated Pond

- Delineated Pond

Delineated Wetland

- ▨ Palustrine Emergent (PEM)
- ▨ Palustrine Scrub Shrub (PSS)
- Stream (NHD)
- Wetland (NWI)

BASE MAP SOURCE:
NAIP 2015 IMAGERY

STREAMS: NATIONAL HYDROLOGY
DATASET (NHD), USGS

WETLANDS: NATIONAL WETLANDS
INVENTORY (NWI), USFWS

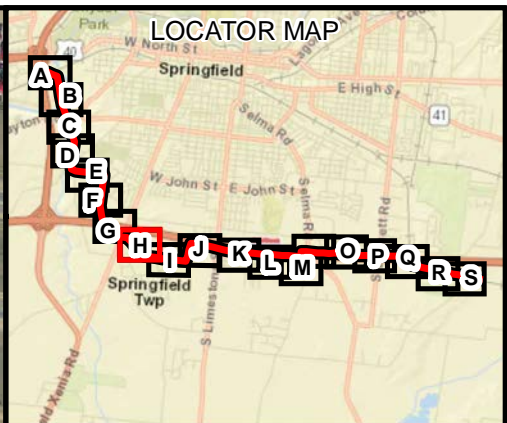
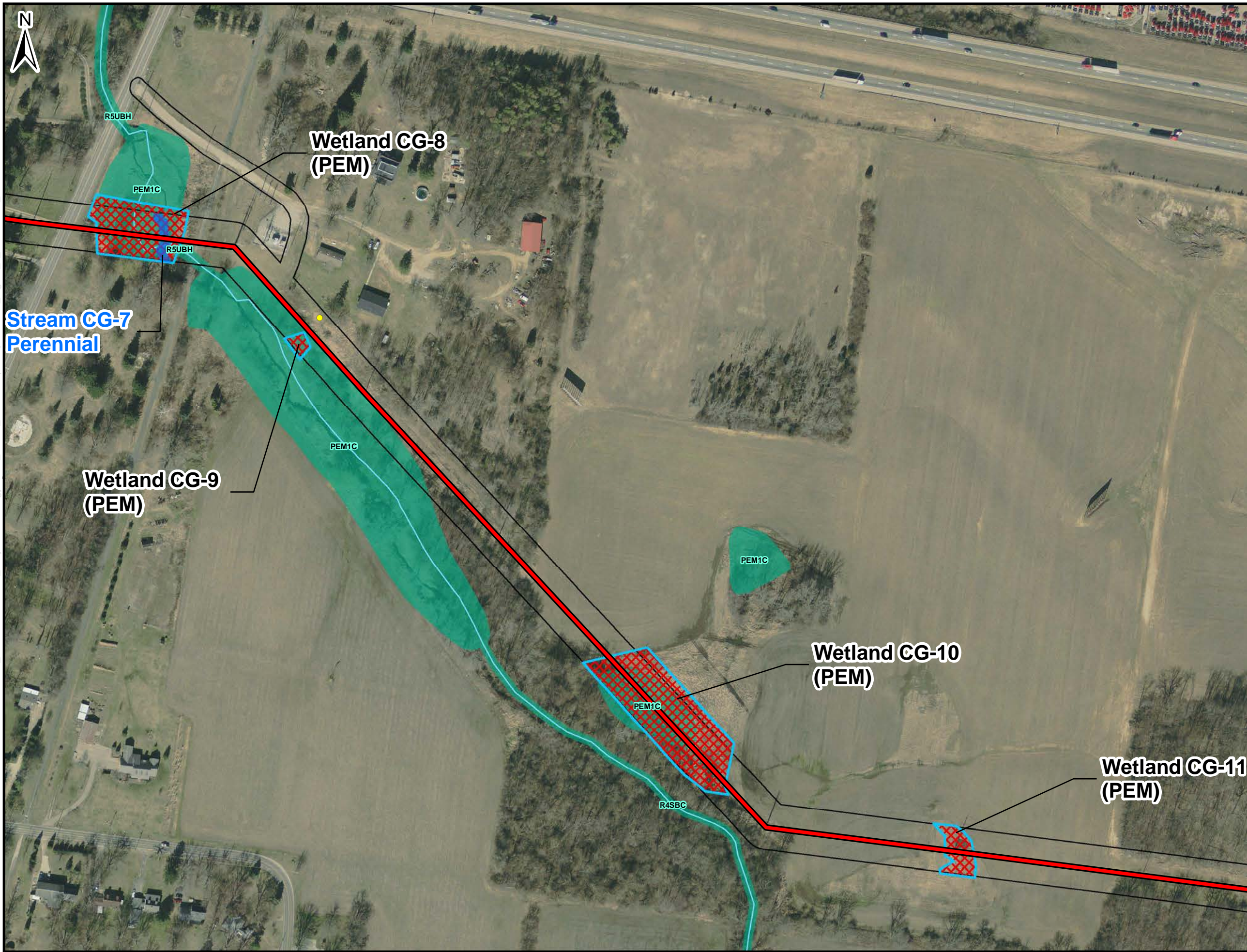
0 200 400
Scale in Feet

FirstEnergy Clark-Green 138 kV Transmission
Line Insulator & Pole Replacement
Project; Clark County, OH

FIGURE 4G
DELINEATED FEATURES MAP

PN: 696303	DATE: 1/23/2018
CREATED BY: MV	ch2m
REVIEWED BY: BR	

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LEGEND:

- ▲ Substation/End Structure
- Project Alignment
- Environmental Survey Corridor
- Data Point**
 - Upland
 - Wetland
- Delineated Stream
- Delineated Pond
- Delineated Wetland**
 - ▨ Palustrine Emergent (PEM)
 - ▨ Palustrine Scrub Shrub (PSS)
 - Stream (NHD)
 - Wetland (NWI)

BASE MAP SOURCE:
NAIP 2015 IMAGERY

STREAMS: NATIONAL HYDROLOGY
DATASET (NHD), USGS

WETLANDS: NATIONAL WETLANDS
INVENTORY (NWI), USFWS

0 200 400
Scale in Feet

FirstEnergy Clark-Green 138 kV Transmission
Line Insulator & Pole Replacement
Project; Clark County, OH

**FIGURE 4H
DELINEATED FEATURES MAP**

PN: 696303	DATE: 1/23/2018
CREATED BY: MV	ch2m
REVIEWED BY: BR	

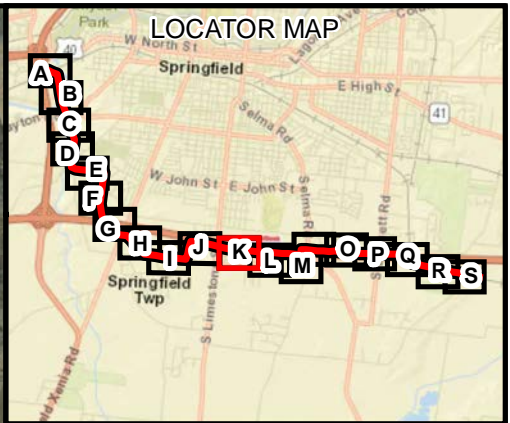
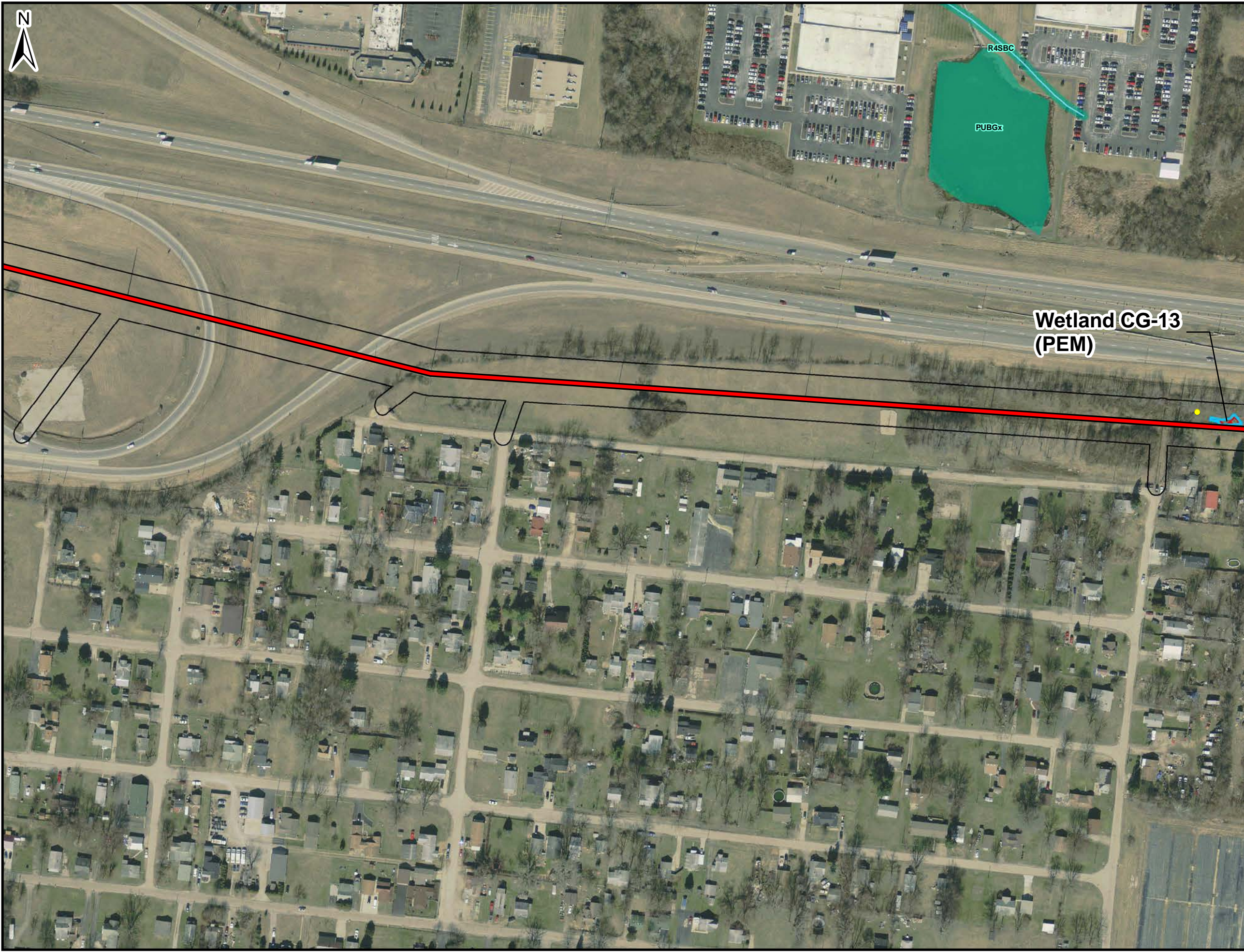
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LEGEND:

- ▲ Substation/End Structure
- Project Alignment
- Environmental Survey Corridor

Data Point

- Upland
- Wetland

Delineated Stream

- Delineated Stream
- Delineated Pond

Delineated Wetland

- ▨ Palustrine Emergent (PEM)
- ▨ Palustrine Scrub Shrub (PSS)
- Stream (NHD)
- Wetland (NWI)

BASE MAP SOURCE:
NAIP 2015 IMAGERY

STREAMS: NATIONAL HYDROLOGY
DATASET (NHD), USGS

WETLANDS: NATIONAL WETLANDS
INVENTORY (NWI), USFWS

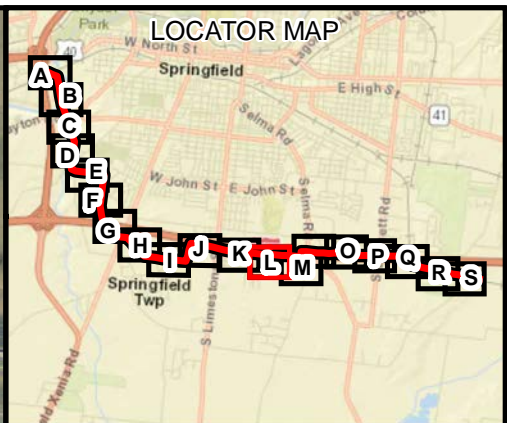
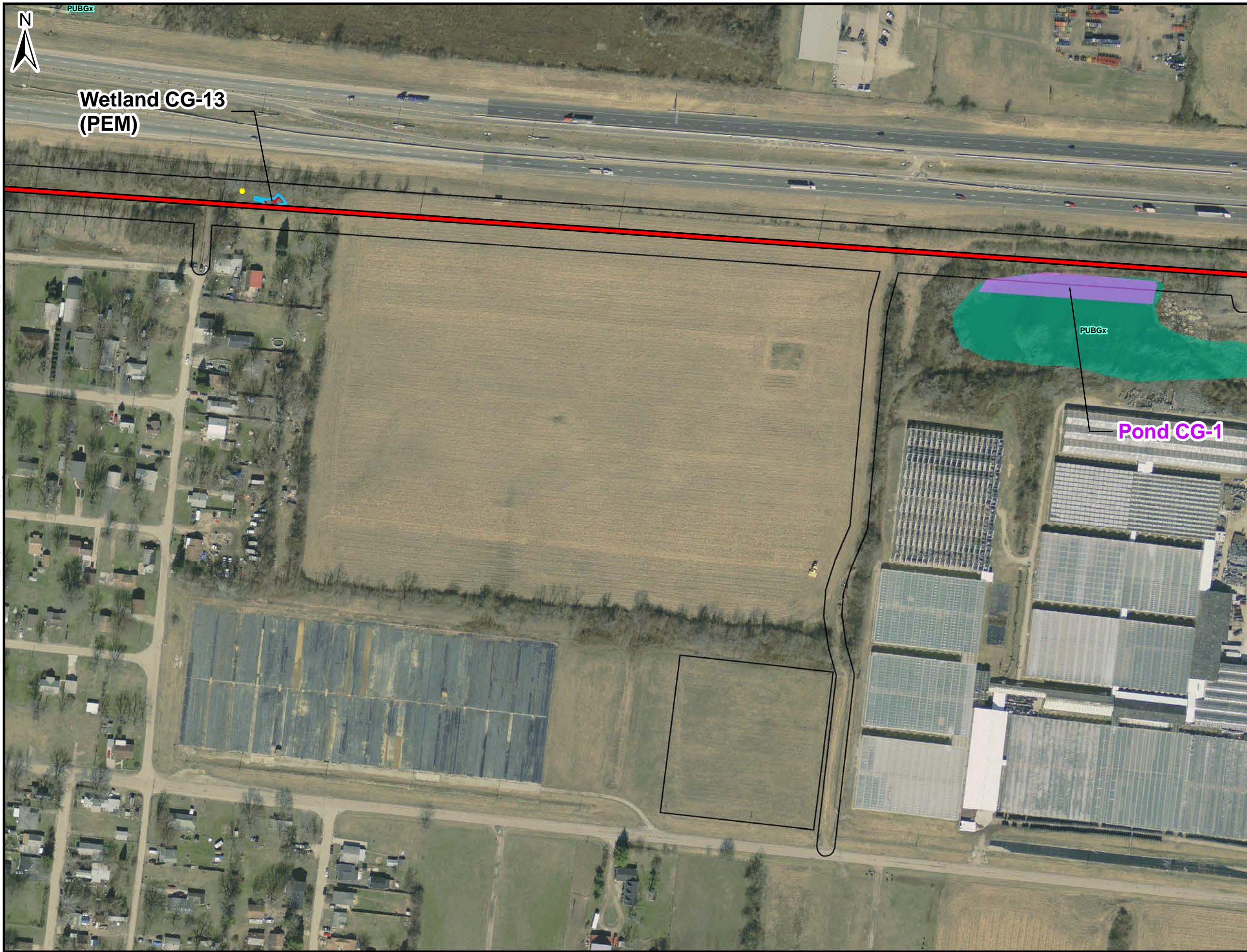
0 200 400
Scale in Feet

FirstEnergy Clark-Green 138 kV Transmission
Line Insulator & Pole Replacement
Project; Clark County, OH

**FIGURE 4K
DELINEATED FEATURES MAP**

PN: 696303	DATE: 1/23/2018
CREATED BY: MV	ch2m
REVIEWED BY: BR	

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LEGEND:

- ▲ Substation/End Structure
- Project Alignment
- Environmental Survey Corridor

Data Point

- Upland
- Wetland
- ▬ Delineated Stream
- ▬ Delineated Pond

Delineated Wetland

- ▨ Palustrine Emergent (PEM)
- ▨ Palustrine Scrub Shrub (PSS)
- Stream (NHD)
- ▬ Wetland (NWI)

BASE MAP SOURCE:
NAIP 2015 IMAGERY

STREAMS: NATIONAL HYDROLOGY
DATASET (NHD), USGS

WETLANDS: NATIONAL WETLANDS
INVENTORY (NWI), USFWS

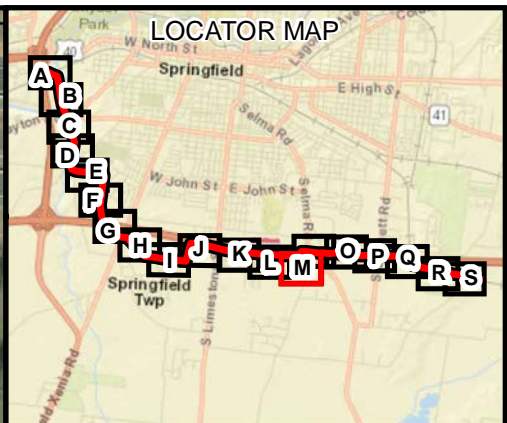
0 200 400
Scale in Feet

FirstEnergy Clark-Green 138 kV Transmission
Line Insulator & Pole Replacement
Project; Clark County, OH

**FIGURE 4L
DELINEATED FEATURES MAP**

PN: 696303	DATE: 1/23/2018
CREATED BY: MV	ch2m
REVIEWED BY: BR	

\\brookside\GIS_SHARE\ENBG\00_Proj\FirstEnergy\Clark_Green_138kV\Maps\Report\WDR_Figure_5_Delineation_20180118.mxd



LEGEND:

- ▲ Substation/End Structure
- Project Alignment
- Environmental Survey Corridor

Data Point

- Upland
- Wetland
- ▭ Delineated Stream
- ▭ Delineated Pond

Delineated Wetland

- ▨ Palustrine Emergent (PEM)
- ▨ Palustrine Scrub Shrub (PSS)
- Stream (NHD)
- ▭ Wetland (NWI)

BASE MAP SOURCE:
NAIP 2015 IMAGERY

STREAMS: NATIONAL HYDROLOGY
DATASET (NHD), USGS

WETLANDS: NATIONAL WETLANDS
INVENTORY (NWI), USFWS

0 200 400

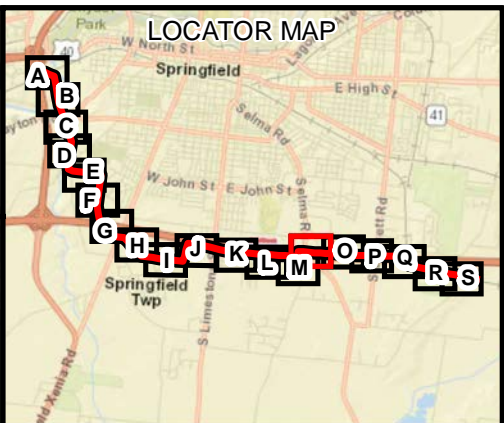
Scale in Feet

FirstEnergy Clark-Green 138 kV Transmission
Line Insulator & Pole Replacement
Project; Clark County, OH

FIGURE 4M
DELINEATED FEATURES MAP

PN: 696303	DATE: 1/23/2018
CREATED BY: MV	ch2m
REVIEWED BY: BR	

\\brookside\GIS_SHARE\ENBG\00_Proj\FirstEnergy\Clark_Green_138kV\Maps\Report\WDR_Figure_5_Delineation_20180118.mxd



LEGEND:

- ▲ Substation/End Structure
- Project Alignment
- Environmental Survey Corridor

Data Point

- Upland
- Wetland

Delineated Stream

- Delineated Stream

Delineated Pond

- Delineated Pond

Delineated Wetland

- ▨ Palustrine Emergent (PEM)
- ▨ Palustrine Scrub Shrub (PSS)
- Stream (NHD)
- Wetland (NWI)

BASE MAP SOURCE:
NAIP 2015 IMAGERY

STREAMS: NATIONAL HYDROLOGY
DATASET (NHD), USGS

WETLANDS: NATIONAL WETLANDS
INVENTORY (NWI), USFWS

0 200 400

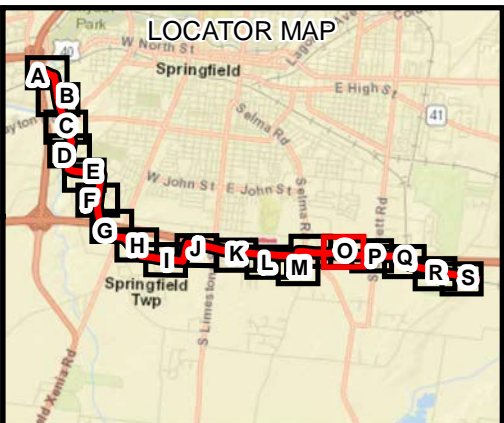
Scale in Feet

FirstEnergy Clark-Green 138 kV Transmission
Line Insulator & Pole Replacement
Project; Clark County, OH

FIGURE 4N
DELINEATED FEATURES MAP

PN: 696303	DATE: 1/23/2018
CREATED BY: MV	ch2m
REVIEWED BY: BR	

\\brookside\GIS_SHARE\ENBG\00_Proj\FirstEnergy\Clark_Green_138kV\Maps\Report\WDR_Figure_5_Delineation_20180118.mxd



LEGEND:

- ▲ Substation/End Structure
- Project Alignment
- Environmental Survey Corridor

Data Point

- Upland
- Wetland
- ▬ Delineated Stream
- ▬ Delineated Pond

Delineated Wetland

- ▨ Palustrine Emergent (PEM)
- ▨ Palustrine Scrub Shrub (PSS)
- Stream (NHD)
- ▬ Wetland (NWI)

BASE MAP SOURCE:
NAIP 2015 IMAGERY

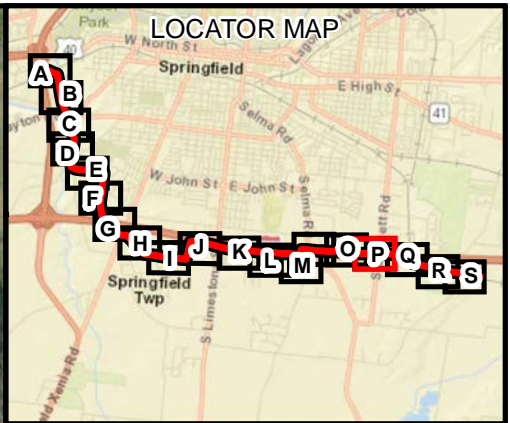
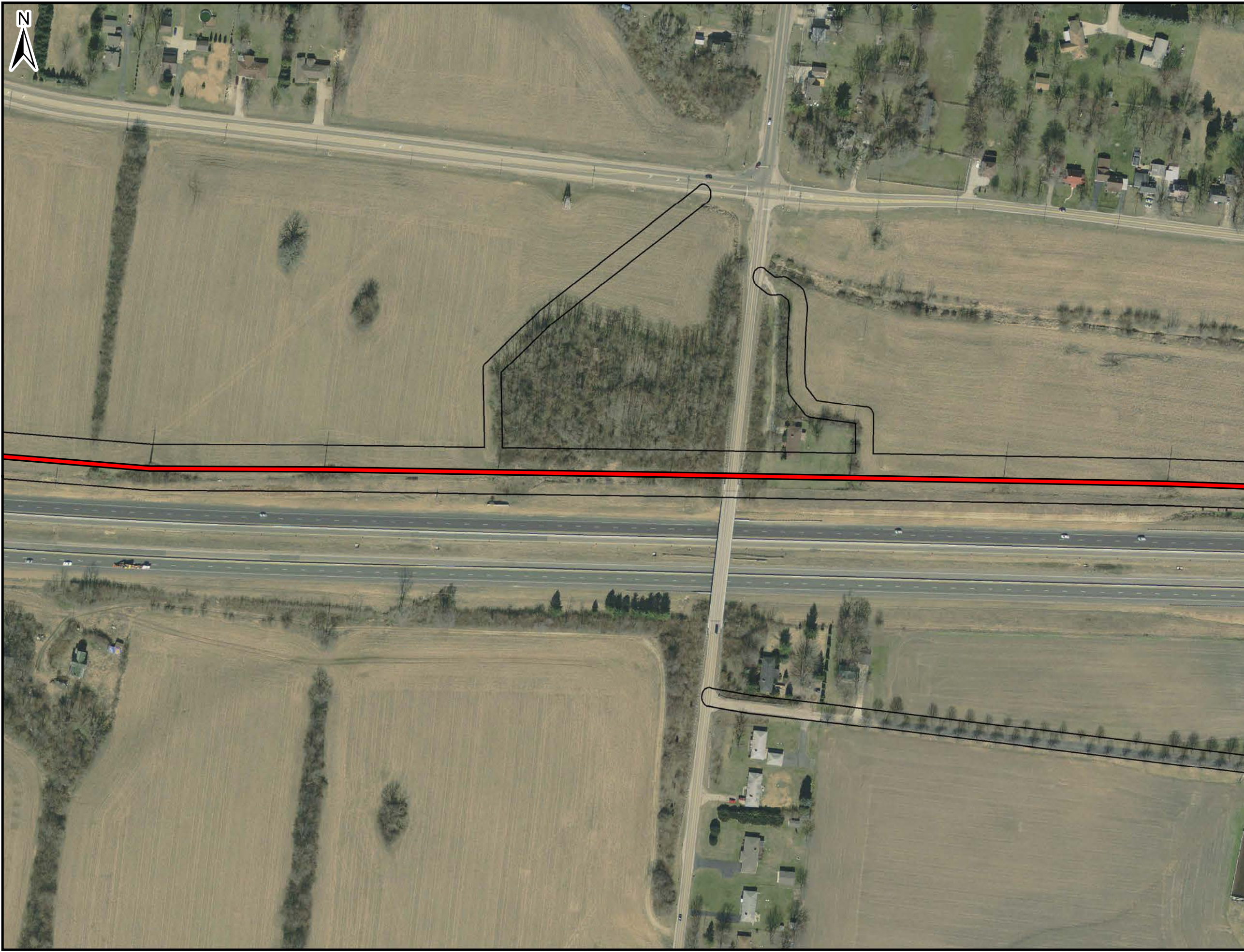
STREAMS: NATIONAL HYDROLOGY
DATASET (NHD), USGS
WETLANDS: NATIONAL WETLANDS
INVENTORY (NWI), USFWS

0 200 400
Scale in Feet

FirstEnergy	Clark-Green 138 kV Transmission Line Insulator & Pole Replacement Project; Clark County, OH
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FIGURE 40 DELINEATED FEATURES MAP	
PN: 696303	DATE: 1/23/2018
CREATED BY: MV	ch2m
REVIEWED BY: BR	

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LEGEND:

- ▲ Substation/End Structure
- Project Alignment
- Environmental Survey Corridor

Data Point

- Upland
- Wetland
- ▬ Delineated Stream
- ▬ Delineated Pond

Delineated Wetland

- ▨ Palustrine Emergent (PEM)
- ▨ Palustrine Scrub Shrub (PSS)
- Stream (NHD)
- ▬ Wetland (NWI)

BASE MAP SOURCE:
NAIP 2015 IMAGERY

STREAMS: NATIONAL HYDROLOGY
DATASET (NHD), USGS

WETLANDS: NATIONAL WETLANDS
INVENTORY (NWI), USFWS

0 200 400

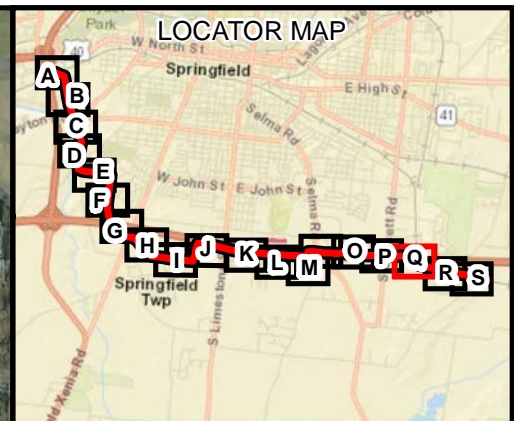
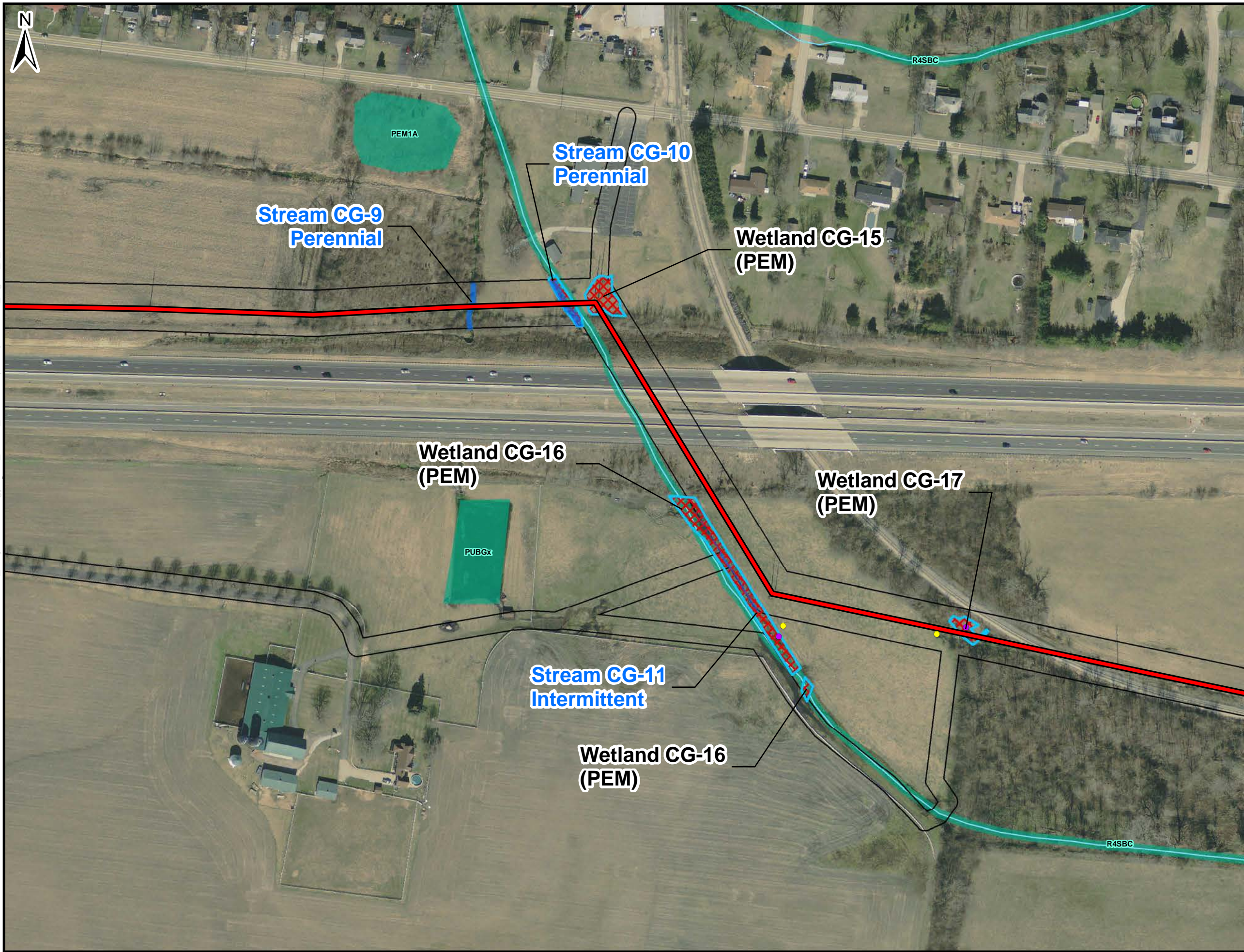
Scale in Feet

Clark-Green 138 kV Transmission
Line Insulator & Pole Replacement
Project; Clark County, OH

FIGURE 4P
DELINEATED FEATURES MAP

PN: 696303	DATE: 1/23/2018
CREATED BY: MV	
REVIEWED BY: BR	

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- LEGEND:**
- ▲ Substation/End Structure
 - Project Alignment
 - Environmental Survey Corridor
 - Data Point**
 - Upland
 - Wetland
 - Delineated Stream**
 - Delineated Stream
 - Delineated Pond**
 - Delineated Pond
 - Delineated Wetland**
 - ▨ Palustrine Emergent (PEM)
 - ▨ Palustrine Scrub Shrub (PSS)
 - Stream (NHD)
 - Wetland (NWI)

BASE MAP SOURCE:
NAIP 2015 IMAGERY

STREAMS: NATIONAL HYDROLOGY
DATASET (NHD), USGS

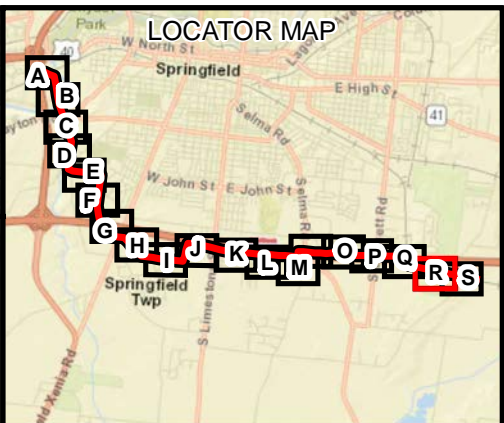
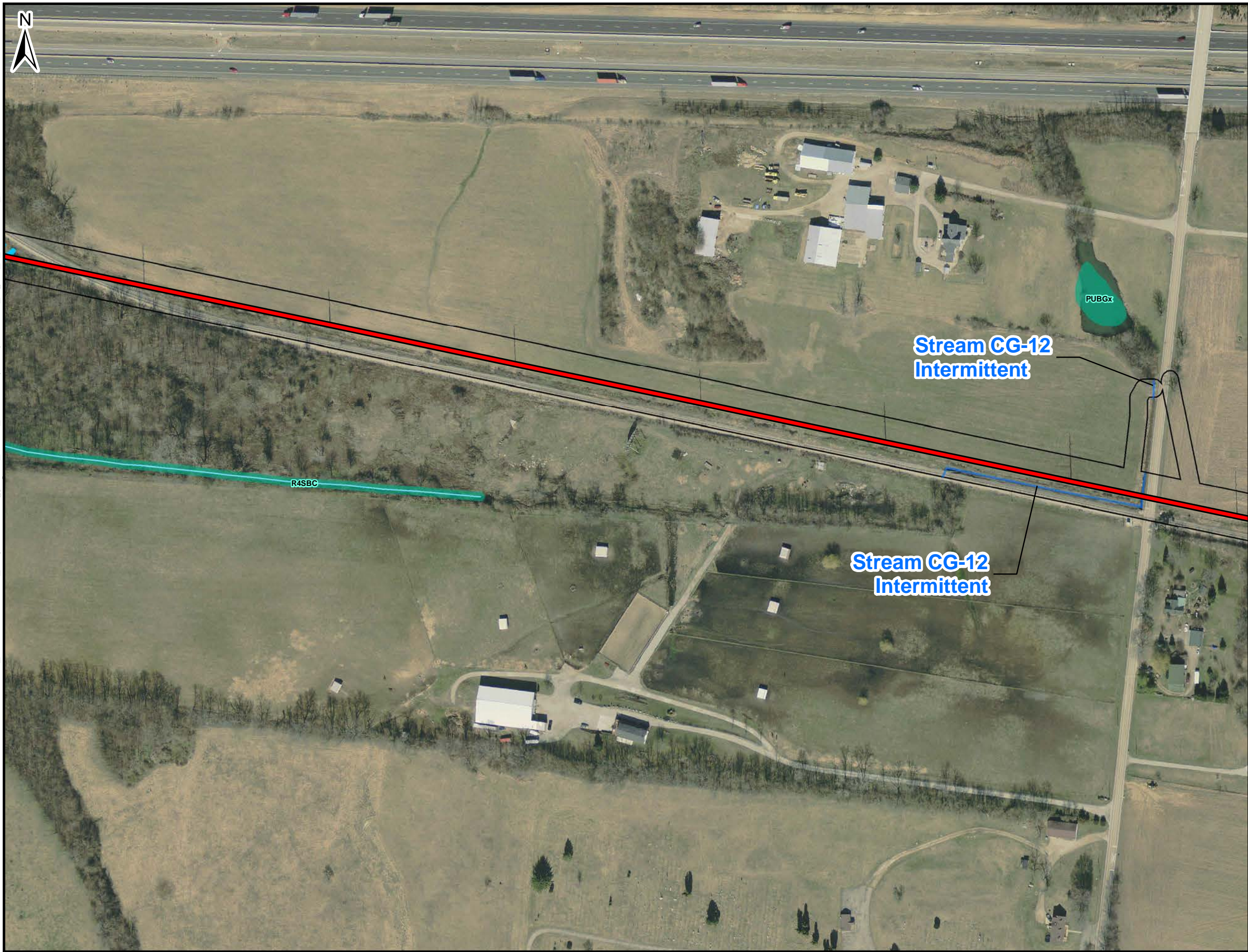
WETLANDS: NATIONAL WETLANDS
INVENTORY (NWI), USFWS

0 200 400
Scale in Feet

FirstEnergy Clark-Green 138 kV Transmission
Line Insulator & Pole Replacement
Project; Clark County, OH

FIGURE 4Q DELINEATED FEATURES MAP	
PN: 696303	DATE: 1/23/2018
CREATED BY: MV	ch2m
REVIEWED BY: BR	

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- LEGEND:**
- ▲ Substation/End Structure
 - Project Alignment
 - Environmental Survey Corridor
 - Data Point**
 - Upland
 - Wetland
 - Delineated Stream**
 - Delineated Stream
 - Delineated Pond**
 - Delineated Pond
 - Delineated Wetland**
 - ▨ Palustrine Emergent (PEM)
 - ▨ Palustrine Scrub Shrub (PSS)
 - Stream (NHD)
 - Wetland (NWI)

BASE MAP SOURCE:
NAIP 2015 IMAGERY

STREAMS: NATIONAL HYDROLOGY
DATASET (NHD), USGS

WETLANDS: NATIONAL WETLANDS
INVENTORY (NWI), USFWS

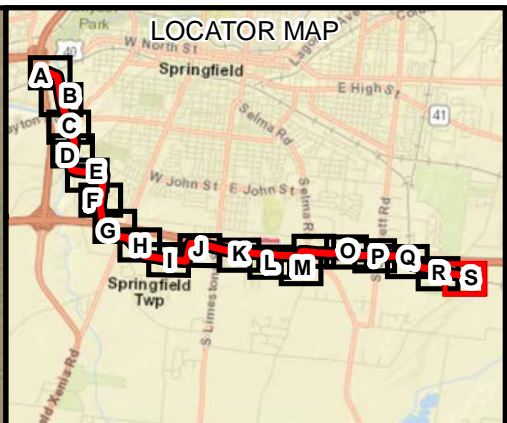
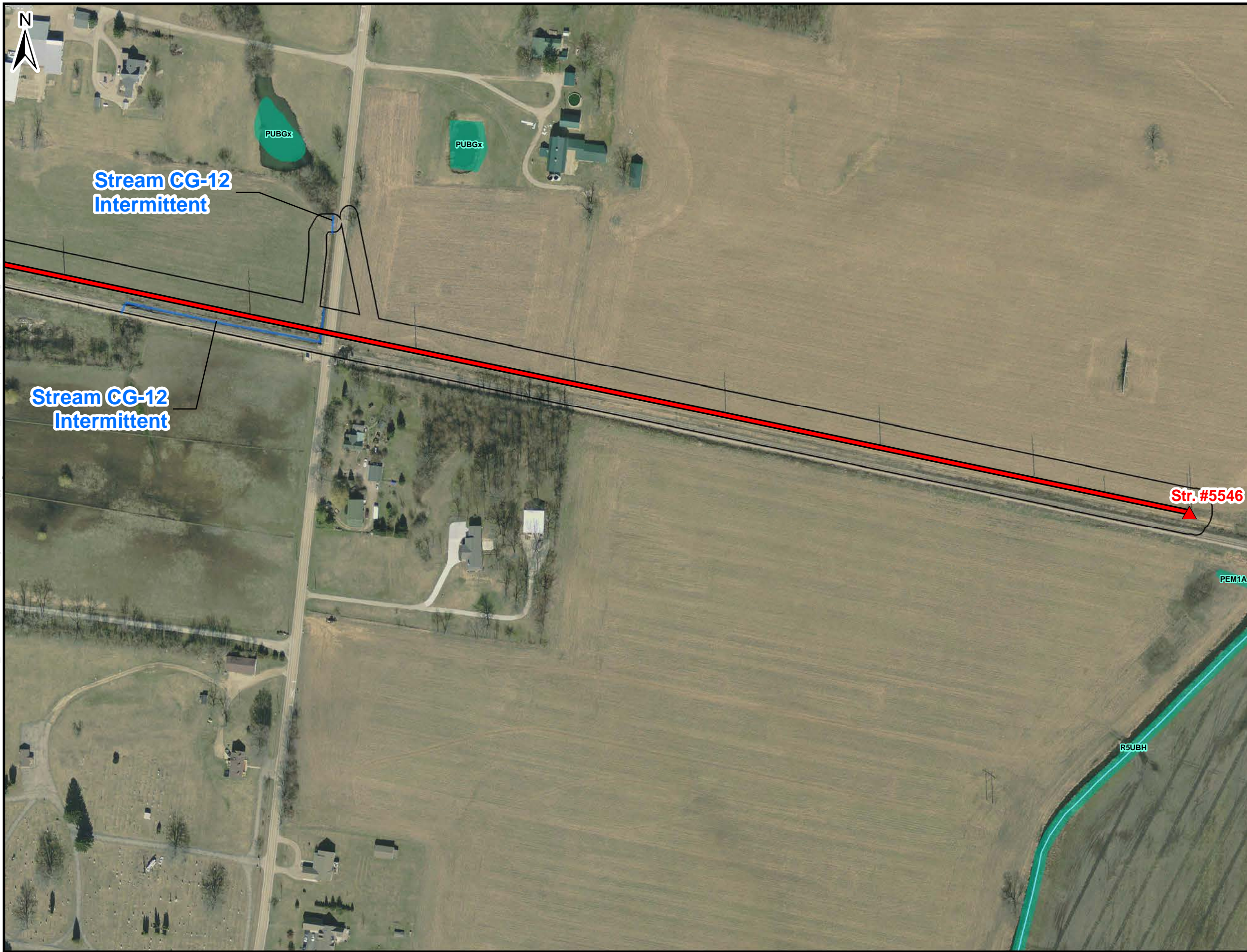
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Scale in Feet

FirstEnergy Clark-Green 138 kV Transmission
Line Insulator & Pole Replacement
Project; Clark County, OH

FIGURE 4R
DELINEATED FEATURES MAP

PN: 696303	DATE: 1/23/2018
CREATED BY: MV	ch2m
REVIEWED BY: BR	

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LEGEND:

- ▲ Substation/End Structure
- Project Alignment
- Environmental Survey Corridor

Data Point

- Upland
- Wetland
- ▬ Delineated Stream
- ▬ Delineated Pond

Delineated Wetland

- ▨ Palustrine Emergent (PEM)
- ▨ Palustrine Scrub Shrub (PSS)
- Stream (NHD)
- ▬ Wetland (NWI)

BASE MAP SOURCE:
NAIP 2015 IMAGERY

STREAMS: NATIONAL HYDROLOGY
DATASET (NHD), USGS

WETLANDS: NATIONAL WETLANDS
INVENTORY (NWI), USFWS

0 200 400

Scale in Feet

FirstEnergy Clark-Green 138 kV Transmission
Line Insulator & Pole Replacement
Project; Clark County, OH

FIGURE 4S
DELINEATED FEATURES MAP

PN: 696303	DATE: 1/23/2018
CREATED BY: MV	ch2m
REVIEWED BY: BR	

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in

Case No(s). 18-0226-EL-BLN

Summary: Letter of Notification Application for a Certificate of Environmental Compatibility and Public Need (Part 6 of 10) electronically filed by Mr. Robert J Schmidt on behalf of American Transmission Systems Inc.