

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 15, 2020

Description:

Photograph 91.

Wetland
LO-14a

PEM

Category 3



Facing North

Date:

January 15, 2020

Description:

Photograph 92.

Wetland
LO-14a

PEM

Category 3



Facing South

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 15, 2020

Description:

Photograph 93.

Wetland
LO-14a

PEM

Category 3



Facing East

Date:

January 15, 2020

Description:

Photograph 94.

Wetland
LO-14a

PEM

Category 3



Facing West

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 15, 2020

Description:

Photograph 95.

Wetland
LO-14a

PEM

Category 3



Facing Soil Profile

Date:

January 15, 2020

Description:

Photograph 96.

Wetland
LO-14b

PFO

Category 3



Facing North

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 15, 2020

Description:

Photograph 97.

Wetland
LO-14b

PFO

Category 3



Facing South

Date:

January 15, 2020

Description:

Photograph 98.

Wetland
LO-14b

PFO

Category 3



Facing East

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 15, 2020

Description:

Photograph 99.

Wetland
LO-14b

PFO

Category 3



Facing West

Date:

January 15, 2020

Description:

Photograph 100.

Wetland
LO-14b

PFO

Category 3



Facing Soil Profile

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 15, 2020

Description:

Photograph 101.

Wetland
LO-14c

PUB

Category 3



Facing North

Date:

January 15, 2020

Description:

Photograph 102.

Wetland
LO-14c

PUB

Category 3



Facing South

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 15, 2020

Description:

Photograph 103.

Wetland
LO-14c

PUB

Category 3



Facing East

Date:

January 15, 2020

Description:

Photograph 104.

Wetland
LO-14c

PUB

Category 3



Facing West

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 15, 2020

Description:

Photograph 105.

Wetland
LO-14c

PUB

Category 3



Facing Soil Profile

Date:

January 15, 2020

Description:

Photograph 106.

Wetland
LO-14d

PSS

Category 3



Facing North

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 15, 2020

Description:

Photograph 107.

Wetland
LO-14d

PSS

Category 3



Facing South

Date:

January 15, 2020

Description:

Photograph 108.

Wetland
LO-14d

PSS

Category 3



Facing East

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 15, 2020

Description:

Photograph 109.

Wetland
LO-14d

PSS

Category 3



Facing West

Date:

January 15, 2020

Description:

Photograph 110.

Wetland
LO-14d

PSS

Category 3



Facing Soil Profile

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 15, 2020

Description:

Photograph 111.

Wetland
LO-15

PUB

Category 2



Facing North

Date:

January 15, 2020

Description:

Photograph 112.

Wetland
LO-15

PUB

Category 2



Facing South

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 15, 2020

Description:

Photograph 113.

Wetland
LO-15

PUB

Category 2



Facing East

Date:

January 15, 2020

Description:

Photograph 114.

Wetland
LO-15

PUB

Category 2



Facing West

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 15, 2020

Description:

Photograph 115.

Wetland
LO-15

PUB

Category 2



Facing Soil Profile

Date:**Description:**

Photograph 116.

Intentionally Left Blank

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 117.

Wetland
LO-16

PEM

Category 1



Facing North

Date:

January 16, 2020

Description:

Photograph 118.

Wetland
LO-16

PEM

Category 1



Facing South

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 119.

Wetland
LO-16

PEM

Category 1



Facing East

Date:

January 16, 2020

Description:

Photograph 120.

Wetland
LO-16

PEM

Category 1



Facing West

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 121.

Wetland
LO-16

PEM

Category 1



Soil Profile

Date:

January 16, 2020

Description:

Photograph 122.

Wetland
LO-17

PEM

Category 1



Facing North

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 123.

Wetland
LO-17

PEM

Category 1



Facing South

Date:

January 16, 2020

Description:

Photograph 124.

Wetland
LO-17

PEM

Category 1



Facing East

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 125.

Wetland
LO-17

PEM

Category 1



Facing West

Date:

January 16, 2020

Description:

Photograph 126.

Wetland
LO-17

PEM

Category 1



Soil Profile

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 127.

Wetland
LO-18

PEM

Category 1



Facing North

Date:

January 16, 2020

Description:

Photograph 128.

Wetland
LO-18

PEM

Category 1



Facing South

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 129.

Wetland
LO-18

PEM

Category 1



Facing East

Date:

January 16, 2020

Description:

Photograph 130.

Wetland
LO-18

PEM

Category 1



Facing West

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 131.

Wetland
LO-18

PEM

Category 1



Soil Profile

Date:

January 16, 2020

Description:

Photograph 132.

Wetland
LO-19

PEM

Category 1



Facing North

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 133.

Wetland
LO-19

PEM

Category 1



Facing South

Date:

January 16, 2020

Description:

Photograph 134.

Wetland
LO-19

PEM

Category 1



Facing East

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 135.

Wetland
LO-19

PEM

Category 1



Facing West

Date:

January 16, 2020

Description:

Photograph 136.

Wetland
LO-19

PEM

Category 1



Soil Profile

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 137.

Wetland
LO-19

PEM

Category 1



Facing West

Date:

January 16, 2020

Description:

Photograph 138.

Wetland
LO-19

PEM

Category 1



Soil Profile

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 139.

Wetland
LO-20

PEM

Category 1



Facing North

Date:

January 16, 2020

Description:

Photograph 140.

Wetland
LO-20

PEM

Category 1



Facing South

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 141.

Wetland
LO-20

PEM

Category 1



Facing East

Date:

January 16, 2020

Description:

Photograph 142.

Wetland
LO-20

PEM

Category 1



Facing West

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 143.

Wetland
LO-20

PEM

Category 1



Facing Soil Profile

Date:

January 16, 2020

Description:

Photograph 144.

Wetland
LO-21

PEM

Category 1



Facing North

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 145.

Wetland
LO-21

PEM

Category 1



Facing South

Date:

January 16, 2020

Description:

Photograph 146.

Wetland
LO-21

PEM

Category 1



Facing East

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 147.

Wetland
LO-21

PEM

Category 1



Facing West

Date:

January 16, 2020

Description:

Photograph 148.

Wetland
LO-21

PEM

Category 1



Facing Soil Profile

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 149.

Wetland
LO-22

PEM

Category 1



Facing North

Date:

January 16, 2020

Description:

Photograph 150.

Wetland
LO-22

PEM

Category 1



Facing South

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 151.

Wetland
LO-22

PEM

Category 1



Facing East

Date:

January 16, 2020

Description:

Photograph 152.

Wetland
LO-22

PEM

Category 1



Facing West

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 153.

Wetland
LO-22

PEM

Category 1



Facing Soil Profile

Date:

January 16, 2020

Description:

Photograph 154.

Wetland
LO-23

PEM

Category 1



Facing North

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 155.

Wetland
LO-23

PEM

Category 1



Facing South

Date:

January 16, 2020

Description:

Photograph 156.

Wetland
LO-23

PEM

Category 1



Facing East

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Photograph 157.

Wetland
LO-23

PEM

Category 1



Facing West

Date:

January 16, 2020

Description:

Photograph 158.

Wetland
LO-23

PEM

Category 1



Facing Soil Profile

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 159.

Wetland
LO-24

PEM

Category 1



Facing North

Date:

January 17, 2020

Description:

Photograph 160.

Wetland
LO-24

PEM

Category 1



Facing South

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 161.

Wetland
LO-24

PEM

Category 1



Facing East

Date:

January 17, 2020

Description:

Photograph 162.

Wetland
LO-24

PEM

Category 1



Facing West

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 163.

Wetland
LO-24

PEM

Category 1



Facing Soil Profile

Date:

January 17, 2020

Description:

Photograph 164.

Wetland
LO-25

PEM

Category 1



Facing North

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 165.

Wetland
LO-25

PEM

Category 1



Facing South

Date:

January 17, 2020

Description:

Photograph 166.

Wetland
LO-25

PEM

Category 1



Facing East

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 167.

Wetland
LO-25

PEM

Category 1



Facing West

Date:

January 17, 2020

Description:

Photograph 168.

Wetland
LO-25

PEM

Category 1



Facing Soil Profile

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 169.

Wetland
LO-26

PEM

Category 1



Facing North

Date:

January 17, 2020

Description:

Photograph 170.

Wetland
LO-26

PEM

Category 1



Facing South

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 171.

Wetland
LO-26

PEM

Category 1



Facing East

Date:

January 17, 2020

Description:

Photograph 172.

Wetland
LO-26

PEM

Category 1



Facing West

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 173.

Wetland
LO-26

PEM

Category 1



Facing Soil Profile

Date:

January 17, 2020

Description:

Photograph 174.

Wetland
LO-27

PEM

Category 1



Facing North

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 175.

Wetland
LO-27

PEM

Category 1



Facing South

Date:

January 17, 2020

Description:

Photograph 176.

Wetland
LO-27

PEM

Category 1



Facing East

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 177.

Wetland
LO-27

PEM

Category 1



Facing West

Date:

January 17, 2020

Description:

Photograph 178.

Wetland
LO-27

PEM

Category 1



Facing Soil Profile

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 179.

Wetland
LO-28

PEM

Category 1



Facing North

Date:

January 17, 2020

Description:

Photograph 180.

Wetland
LO-28

PEM

Category 1



Facing South

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 181.

Wetland
LO-28

PEM

Category 1



Facing East

Date:

January 17, 2020

Description:

Photograph 182.

Wetland
LO-28

PEM

Category 1



Facing West

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 183.

Wetland
LO-28

PEM

Category 1



Facing Soil Profile

Date:

January 17, 2020

Description:

Photograph 184.

Wetland
LO-29

PEM

Category 1



Facing North

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 185.

Wetland
LO-29

PEM

Category 1



Facing South

Date:

January 17, 2020

Description:

Photograph 186.

Wetland
LO-29

PEM

Category 1



Facing East

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 187.

Wetland
LO-29

PEM

Category 1



Facing West

Date:

January 17, 2020

Description:

Photograph 188.

Wetland
LO-29

PEM

Category 1



Facing Soil Profile

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 189.

Wetland
LO-30

PEM

Category 1



Facing North

Date:

January 17, 2020

Description:

Photograph 190.

Wetland
LO-30

PEM

Category 1



Facing South

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 191.

Wetland
LO-30

PEM

Category 1



Facing East

Date:

January 17, 2020

Description:

Photograph 192.

Wetland
LO-30

PEM

Category 1



Facing West

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 193.

Wetland
LO-30

PEM

Category 1



Facing Soil Profile

Date:

January 17, 2020

Description:

Photograph 194.

Wetland
LO-31

PEM

Category 1



Facing North

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 195.

Wetland
LO-31

PEM

Category 1



Facing South

Date:

January 17, 2020

Description:

Photograph 196.

Wetland
LO-31

PEM

Category 1



Facing East

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 197.

Wetland
LO-31

PEM

Category 1



Facing West

Date:

January 17, 2020

Description:

Photograph 198.

Wetland
LO-31

PEM

Category 1



Facing Soil Profile

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 199.

Wetland
LO-32

PEM

Category 1



Facing North

Date:

January 17, 2020

Description:

Photograph 200.

Wetland
LO-32

PEM

Category 1



Facing South

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 201.

Wetland
LO-32

PEM

Category 1



Facing East

Date:

January 17, 2020

Description:

Photograph 202.

Wetland
LO-32

PEM

Category 1



Facing West

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 203.

Wetland
LO-32

PEM

Category 1



Facing Soil Profile

Date:

January 17, 2020

Description:

Photograph 204.

Wetland
LO-33

PEM

Category 1



Facing North

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 205.

Wetland
LO-33

PEM

Category 1



Facing South

Date:

January 17, 2020

Description:

Photograph 206.

Wetland
LO-33

PEM

Category 1



Facing East

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 207.

Wetland
LO-33

PEM

Category 1



Facing West

Date:

January 17, 2020

Description:

Photograph 208.

Wetland
LO-33

PEM

Category 1



Facing Soil Profile

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 209.

Wetland
LO-34

PEM

Category 1



Facing North

Date:

January 17, 2020

Description:

Photograph 210.

Wetland
LO-34

PEM

Category 1



Facing South

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 211.

Wetland
LO-34

PEM

Category 1



Facing East

Date:

January 17, 2020

Description:

Photograph 212.

Wetland
LO-34

PEM

Category 1



Facing West

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 213.

Wetland
LO-34

PEM

Category 1



Facing Soil Profile

Date:

January 17, 2020

Description:

Photograph 214.

Wetland
LO-35a

PFO

Category 3



Facing North

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 215.

Wetland
LO-35a

PFO

Category 3



Facing South

Date:

January 17, 2020

Description:

Photograph 216.

Wetland
LO-35a

PFO

Category 3



Facing East

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 217.

Wetland
LO-35a

PFO

Category 3



Facing West

Date:

January 17, 2020

Description:

Photograph 218.

Wetland
LO-35a

PFO

Category 3



Facing Soil Profile

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 219.

Wetland
LO-35b

PUB

Category 3



Facing North

Date:

January 17, 2020

Description:

Photograph 220.

Wetland
LO-35b

PUB

Category 3



Facing South

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 221.

Wetland
LO-35b

PUB

Category 3



Facing East

Date:

January 17, 2020

Description:

Photograph 222.

Wetland
LO-35b

PUB

Category 3



Facing West

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 223.

Wetland
LO-35b

PUB

Category 3



Facing Soil Profile

Date:**Description:**

Photograph 224.

Intentionally Left Blank

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 225.

Wetland
LO-35c

PEM

Category 3



Facing North

Date:

January 17, 2020

Description:

Photograph 226.

Wetland
LO-35c

PEM

Category 3



Facing South

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 227.

Wetland
LO-35c

PEM

Category 3



Facing East

Date:

January 17, 2020

Description:

Photograph 228.

Wetland
LO-35c

PEM

Category 3



Facing West

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 229.

Wetland
LO-35c

PEM

Category 3



Facing Soil Profile

Date:

January 17, 2020

Description:

Photograph 230.

Wetland
LO-36a

PSS

Category 1



Facing North

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 231.

Wetland
LO-36a

PEM

Category 1



Facing South

Date:

January 17, 2020

Description:

Photograph 232.

Wetland
LO-36a

PEM

Category 1



Facing East

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 233.

Wetland
LO-36a

PEM

Category 1



Facing West

Date:

January 17, 2020

Description:

Photograph 234.

Wetland
LO-36a

PEM

Category 1



Facing Soil Profile

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 235.

Wetland
LO-36b

PFO

Category 1



Facing North

Date:

January 17, 2020

Description:

Photograph 236.

Wetland
LO-36b

PFO

Category 1



Facing South

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 237.

Wetland
LO-36b

PFO

Category 1



Facing East

Date:

January 17, 2020

Description:

Photograph 238.

Wetland
LO-36b

PFO

Category 1



Facing West

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 239.

Wetland
LO-36b

PFO

Category 1



Facing Soil Profile

Date:February 23,
2022**Description:**

Photograph 240.

Wetland
LO-36c

PSS

Category 1



Facing North

Client Name:

American Transmission Systems, Inc, a
FirstEnergy Company

Site Location:

Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project

Project No.

60618528

Date:

February 23,
2022

Description:

Photograph 241.

Wetland
LO-36c

PSS

Category 1



Facing South

Date:

February 23,
2022

Description:

Photograph 242.

Wetland
LO-36c

PSS

Category 1



Facing East

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:February 23,
2022**Description:**

Photograph 243.

Wetland
LO-36c

PSS

Category 1



Facing West

Date:February 23,
2022**Description:**

Photograph 244.

Wetland
LO-36c

PSS

Category 1



Facing Soil Profile

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:**Description:**

Intentionally Left Blank.

Date:

January 17, 2020

Description:

Photograph 245.

Wetland
LO-37

PUB

Category 1



Facing North

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 246.

Wetland
LO-37

PUB

Category 1



Facing South

Date:

January 17, 2020

Description:

Photograph 247.

Wetland
LO-37

PUB

Category 1



Facing East

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 248.

Wetland
LO-37

PUB

Category 1



Facing West

Date:

January 17, 2020

Description:

Photograph 249.

Wetland
LO-37

PUB

Category 1



Facing Soil Profile

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 250.

Wetland
LO-38

PEM

Category 1



Facing North

Date:

January 17, 2020

Description:

Photograph 251.

Wetland
LO-38

PEM

Category 1



Facing South

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 252.

Wetland
LO-38

PEM

Category 1



Facing East

Date:

January 17, 2020

Description:

Photograph 253.

Wetland
LO-38

PEM

Category 1



Facing West

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 254.

Wetland
LO-38

PEM

Category 1



Facing Soil Profile

Date:

January 17, 2020

Description:

Photograph 255.

Wetland
LO-39

PFO

Category 1



Facing North

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 256.

Wetland
LO-39

PEM

Category 1



Facing South

Date:

January 17, 2020

Description:

Photograph 257.

Wetland
LO-39

PFO

Category 1



Facing East

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 258.

Wetland
LO-39

PEM

Category 1



Facing West

Date:

January 17, 2020

Description:

Photograph 259.

Wetland
LO-39

PFO

Category 1



Facing Soil Profile

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 260.

Wetland
LO-40

PEM

Category 1



Facing North

Date:

January 17, 2020

Description:

Photograph 261.

Wetland
LO-40

PFO

Category 1



Facing South

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 262.

Wetland
LO-40

PEM

Category 1



Facing East

Date:

January 17, 2020

Description:

Photograph 263.

Wetland
LO-40

PFO

Category 1



Facing West

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Photograph 264.

Wetland
LO-40

PEM

Category 1



Facing Soil Profile

Date:

January 18, 2020

Description:

Photograph 265.

Wetland
LO-41a

PEM

Category 2



Facing North

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 18, 2020

Description:

Photograph 266.

Wetland
LO-41a

PEM

Category 2



Facing South

Date:

January 18, 2020

Description:

Photograph 267.

Wetland
LO-41a

PEM

Category 2



Facing East

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 18, 2020

Description:

Photograph 268.

Wetland
LO-41a

PEM

Category 2



Facing West

Date:

January 18, 2020

Description:

Photograph 269.

Wetland
LO-41a

PEM

Category 2



Facing Soil Profile

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 18, 2020

Description:

Photograph 270.

Wetland
LO-41b

PSS

Category 2



Facing North

Date:

January 18, 2020

Description:

Photograph 271.

Wetland
LO-41b

PSS

Category 2



Facing South

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project**Project No.**

60618528

Date:

January 18, 2020

Description:

Photograph 272.

Wetland
LO-41bPSS
Category 2

Facing East

Date:

January 18, 2020

Description:

Photograph 273.

Wetland
LO-41bPSS
Category 2

Facing West

Client Name:

American Transmission Systems, Inc, a
FirstEnergy Company

Site Location:

Lakeview to Ottawa 138 kV Transmission Line
Rebuild Project

Project No.

60618528

Date:

January 18, 2020

Description:

Photograph 274.

Wetland
LO-41b

PSS

Category 2



Facing Soil Profile

Date:
Description:

Photograph 275.

Intentionally Left Blank

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview-Ottawa 138kV Transmission Line Rebuild
Project**Project No.**

60618528

Date:

January 14, 2020

Description:

Stream LO-01

Perennial

Modified Class 2
PHW

Upstream

Date:

January 14, 2020

Description:

Stream LO-01

Perennial

Modified Class 2
PHW

Downstream

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview-Ottawa 138kV Transmission Line Rebuild
Project**Project No.**

60618528

Date:

January 14, 2020

Description:

Stream LO-01

Perennial

Modified Class 2
PHW

Substrate

Date:

January 14, 2020

Description:

Stream LO-02

Perennial

Modified Class 2
PHW

Upstream

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview-Ottawa 138kV Transmission Line Rebuild
Project**Project No.**

60618528

Date:

January 14, 2020

Description:

Stream LO-02

Perennial

Modified Class 2
PHW

Downstream

Date:

January 14, 2020

Description:

Stream LO-02

Perennial

Modified Class 2
PHW

Substrate

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview-Ottawa 138kV Transmission Line Rebuild
Project**Project No.**

60618528

Date:

January 14, 2020

Description:

Stream LO-03

Perennial

Very Poor
Narrative rating

Upstream

Date:

January 14, 2020

Description:

Stream LO-03

Perennial

Very Poor
Narrative rating

Downstream

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview-Ottawa 138kV Transmission Line Rebuild
Project**Project No.**

60618528

Date:

January 14, 2020

Description:

Stream LO-03

Perennial

Very Poor
Narrative rating

Substrate

Date:

January 15, 2020

Description:

Stream LO-04

Intermittent

Modified Class 2
PHW

Upstream

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview-Ottawa 138kV Transmission Line Rebuild
Project**Project No.**

60618528

Date:

January 15, 2020

Description:

Stream LO-04

Perennial

Modified Class 2
PHW

Downstream

Date:

January 14, 2020

Description:

Stream LO-04

Intermittent

Modified Class 2
PHW

Substrate

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview-Ottawa 138kV Transmission Line Rebuild
Project**Project No.**

60618528

Date:

January 15, 2020

Description:

Stream LO-05

Perennial

Poor Narrative
Rating

Upstream

Date:

January 15, 2020

Description:

Stream LO-05

Perennial

Poor Narrative
Rating

Downstream

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview-Ottawa 138kV Transmission Line Rebuild
Project**Project No.**

60618528

Date:

January 15, 2020

Description:

Stream LO-05

Perennial

Poor Narrative
Rating

Substrate

Date:

January 15, 2020

Description:

Stream LO-06

Perennial

Poor Narrative
Rating

Upstream

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview-Ottawa 138kV Transmission Line Rebuild
Project**Project No.**

60618528

Date:

January 15, 2020

Description:

Stream LO-06

Perennial

Poor Narrative
Rating

Downstream

Date:

January 15, 2020

Description:

Stream LO-06

Perennial

Poor Narrative
Rating

Substrate

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview-Ottawa 138kV Transmission Line Rebuild
Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Stream LO-07

Perennial

Modified Class 2
PHW

Upstream

Date:

January 16, 2020

Description:

Stream LO-07

Perennial

Modified Class 2
PHW

Downstream

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview-Ottawa 138kV Transmission Line Rebuild
Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Stream LO-07

Perennial

Modified Class 2
PHW

Substrate

Date:

January 16, 2020

Description:

Stream LO-08

Perennial

Modified Class 2
PHW

Upstream

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview-Ottawa 138kV Transmission Line Rebuild
Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Stream LO-08

Perennial

Modified Class 2
PHW

Downstream

Date:

January 16, 2020

Description:

Stream LO-08

Perennial

Modified Class 2
PHW

Substrate

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview-Ottawa 138kV Transmission Line Rebuild
Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Stream LO-09

Perennial

Modified Class 2
PHW

Upstream

Date:

January 14, 2020

Description:

Stream LO-09

Perennial

Modified Class 2
PHW

Downstream

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview-Ottawa 138kV Transmission Line Rebuild
Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Stream LO-09

Perennial

Modified Class 2
PHW

Substrate

Date:

January 16, 2020

Description:

Stream LO-10

Perennial

Modified Class 2
PHW

Upstream

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview-Ottawa 138kV Transmission Line Rebuild
Project**Project No.**

60618528

Date:

January 16, 2020

Description:

Stream LO-10

Perennial

Modified Class 2
PHW

Downstream

Date:

January 16, 2020

Description:

Stream LO-10

Perennial

Modified Class 2
PHW

Substrate

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview-Ottawa 138kV Transmission Line Rebuild
Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Stream LO-11

Perennial

Modified Class 2
PHW

Upstream

Date:

January 17, 2020

Description:

Stream LO-11

Perennial

Modified Class 2
PHW

Downstream

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview-Ottawa 138kV Transmission Line Rebuild
Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Stream LO-11

Perennial

Modified Class 2
PHW

Substrate

Date:

January 17, 2020

Description:

Stream LO-12

Perennial

Modified Class 2
PHW

Upstream

Client Name:American Transmission Systems, Inc, a
FirstEnergy Company**Site Location:**Lakeview-Ottawa 138kV Transmission Line Rebuild
Project**Project No.**

60618528

Date:

January 17, 2020

Description:

Stream LO-12

Perennial

Modified Class 2
PHW

Downstream

Date:

January 17, 2020

Description:

Stream LO-12

Perennial

Modified Class 2
PHW

Substrate

Client Name:

American Transmission Systems, Inc, a
FirstEnergy Company

Site Location:

Lakeview-Ottawa 138kV Transmission Line Rebuild
Project

Project No.

60618528

Date:

February 23,
2022

Description:

Stream LG-01

Perennial

Modified Class 2



Upstream

Date:

February 23,
2022

Description:

Stream LG-01

Perennial

Modified Class 2



Downstream

Client Name:

American Transmission Systems, Inc, a
FirstEnergy Company

Site Location:

Lakeview-Ottawa 138kV Transmission Line Rebuild
Project

Project No.

60618528

Date:

February 23,
2022

Description:

Stream LG-01

Perennial

Modified Class 2



Substrate

Date:
Description:

Intentionally left blank.

EXHIBIT #17

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations (BFEs)** and/or **Foodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRI. Users should be aware that BFEs shown on the FIRI represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRI for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0' of North American Vertical Datum of 1988 (NAVD 88). Users of this FIRI should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRI.

Boundaries of the foodways were computed at cross sections and interpolated between cross sections. The foodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Foodway widths and other pertinent foodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was Ohio State Plane North Zone (SPSZONE 3401). The horizontal datum was NAD83. Differences in datum, spheroid, projection or state plane zones used in the production of FIRIs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRI.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geospatial Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geospatial Survey website at <http://www.ngs.noaa.gov> or contact the National Geospatial Survey at the following address:

NGS Information Services
NOAA, NGS12
National Geospatial Survey
SSAC-3, #9002
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geospatial Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

Base Map information shown on this FIRI was derived from the Ottawa County Auditor's Office at a scale of 1:200 from photography dated 2006 and from USGS digital orthophoto quadrangles at a scale of 1:25,000 dated 1996 or later.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after the map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRI visit the **Map Service Center (MSC)** website at <http://mfc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have **questions about this map**, how to order products, or the National Flood Insurance Program in general, please call the **FEMA Map Information Exchange (FMIE)** at 1-877-FEMA-AAP (1-877-368-2627) or visit the FEMA website at <http://www.fema.gov/business/mifg>.

The profile base lines depicted on this map represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved topographic data, the profile base line, in some cases, may deviate significantly from the channel centerline or appear outside the SFHA.

PANEL INDEX



LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100 year flood), also known as the **base flood**, is the flood that has a 1% chance of being equaled or exceeded in any given year. The **Special Flood Hazard Area** is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard are labeled Zone A, AE, AH, AO, X, and VE. The **Base Flood Elevation** is the water-surface elevation of the 1% annual chance flood.

- ZONE A**
No Base Flood Elevation determined.
- ZONE AE**
Base Flood Elevation determined.
- ZONE AH**
Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevation determined.
- ZONE AO**
Flood depths of 3 to 6 feet (usually areas of flow on existing terrain); average depths determined. For areas of unusual fast flooding, velocities also determined.
- ZONE AR**
Area of special flood hazard boundary protected from the 1% annual chance flood event by a flood control system that was subsequently constructed. Zone AR indicates that the former flood control system is being retained to provide protection from the 1% annual chance or greater flood.
- ZONE A99**
Area to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no Base Flood Elevation determined.
- ZONE V**
Coastal flood zone with velocity hazard (wave action); no Base Flood Elevation determined.
- ZONE VE**
Coastal flood zone with velocity hazard (wave action); Base Flood Elevation determined.

FLOODWAY AREAS IN ZONE AE

The **floodway** is the channel of a stream plus any adjacent floodplain areas that must be kept free of obstructions and that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X
Areas of 0.2% annual chance flood, areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X
Areas determined to be outside of the 0.2% annual chance floodplain.

ZONE D
Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Property Boundary
- Zone D Boundary
- CBRS and OPA boundary
- Boundary Dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities
- Base Flood Elevation line and velocity indicator in feet
- Base Flood Elevation value where indicated within zone; elevation in feet

*Referenced to the North American Vertical Datum of 1988

- One section line
- Traverse line
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
- 1000-meter Universal Transverse Mercator grid values; zone 17
- 4326 feet per inch Ohio State Plane North Coordinate System; zone (SPSZONE 3401) Lambert Conformal Conic
- Bench mark (see explanation in Notes to Users section of the FIS report)
- Spot Map

MAP REPOSITORY
Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTY-WIDE FLOOD INSURANCE RATE MAP
May 18, 2015

EFFECTIVE DATES (OF REVISIONS) TO THIS PANEL

For community map revision history, prior to community mapping, refer to the Community Map History book located in the Flood Insurance Study report for this jurisdiction. To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-625-6000.



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0143C

FIRM

FLOOD INSURANCE RATE MAP

OTTAWA COUNTY, OHIO

AND INCORPORATED AREAS

PANEL 143 OF 327

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY: OTTAWA COUNTY

PORT CLAYTON CITY OF

DATE: 0143C

SHEET: 0143C

DATE: 0143C

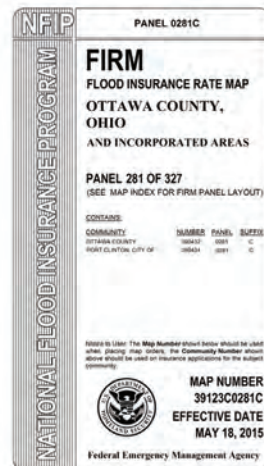
MAP NUMBER

39123C0143C

EFFECTIVE DATE

MAY 18, 2015

Federal Emergency Management Agency



NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations (BFEs)** and/or **Floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 5' of North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was Ohio State Plane North Zone (FIPS CODE 3401). The horizontal datum was NAD83. Differences in datum, spheroid, projection or state plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, NGS112
National Geodetic Survey
SSAIC-3, #9002
1315 East-West Highway
Silver Spring, Maryland 20910-5262
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

Base Map information shown on this FIRM was derived from the Ottawa County Auditors Office at a scale of 1:200 from photography dated 2006 and from USGS digital orthophoto quadrangles at a scale of 1:25,000 dated 1996 or later.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after the map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRM visit the **Map Service Center (MSC)** website at <http://products.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have **questions about this map**, how to order products, or the National Flood Insurance Program in general, please call the **FEMA Map Information Exchange (FMIE)** at 1-877-FEMA-Map (1-877-336-2671) or visit the FEMA website at <http://www.fema.gov/business/mifg>.

The profile base lines depicted on this map represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved topographic data, the profile base line, in some cases, may deviate significantly from the channel centerline or appear outside the SFHA.

PANEL INDEX



LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100 year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. The Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- ZONE A**
Base Flood Elevation determined.
- ZONE AH**
Base Flood Elevation determined.
- ZONE AO**
Base Flood Elevation determined. Flood depth of 1 to 3 feet (usually areas of ponding); Base Flood Elevation determined.
- ZONE AR**
Base Flood Elevation determined. Flood depth of 3 feet (usually areas of ponding); Base Flood Elevation determined. Flood depth of 3 feet (usually areas of ponding); Base Flood Elevation determined.
- ZONE AN**
Area to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no Base Flood Elevation determined.
- ZONE V**
Coastal flood zone with velocity hazard (wave action); no Base Flood Elevation determined.
- ZONE VE**
Coastal flood zone with velocity hazard (wave action); Base Flood Elevation determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of obstructions to maintain the 1% annual chance flood can be carried without substantial increases in flood heights.

- OTHER FLOOD AREAS**
- ZONE X**
Areas of 0.2% annual chance flood, areas of 1% annual chance flood with average depth of less than 1 foot or with average areas less than 1 square mile and areas protected by levees from 1% annual chance flood.

- OTHER AREAS**
- ZONE D**
Areas determined to be outside of the 0.2% annual chance floodplain; Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone V boundary
- CBRS and OPA boundary
- Boundary Delineating Special Flood Hazard Areas of different base flood elevations, flood depths or flood velocities
- Base Flood Elevation line and velocity information in feet
- Base Flood Elevation value other than within zone V

*Referenced to the North American Vertical Datum of 1988

One section line

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere

2250000 FT

KA0015

Map Scale

Map Repository

Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTY-OWNED FLOOD INSURANCE RATE MAP

MAP 0277C

EFFECTIVE DATES (OF REVISIONS) TO THIS PANEL

For community map revision history, prior to community mapping, refer to the Community Map History book located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-426-6262.

MAP SCALE 1" = 500'

100 0 100 200 FEET

100 0 100 200 METERS

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0277C

FIRM

FLOOD INSURANCE RATE MAP

OTTAWA COUNTY, OHIO

AND INCORPORATED AREAS

MAP NUMBER 39123C0277C

EFFECTIVE DATE MAY 18, 2015

Federal Emergency Management Agency

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations (BFEs)** and/or **Floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRI. Users should be aware that BFEs shown on the FIS report represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIS report for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 5' of North American Vertical Datum of 1988 (NAVD 88). Users of this FIS should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIS.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was Ohio State Plane North Zone (SPSZONE 3401). The horizontal datum was NAD83. Differences in datum, spheroid projection or state plane zones used in the production of FIRIs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIS.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, NGS12
National Geodetic Survey
SSAC-3, #6002
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

Base Map information shown on this FIS was derived from the Ottawa County Auditors Office at a scale of 1:200 from photography dated 2008 and from USGS digital orthophoto quadrangles at a scale of 1:25,000 dated 1998 or later.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after the map was published, map users should contact appropriate community officials to verify current corporate line locations.

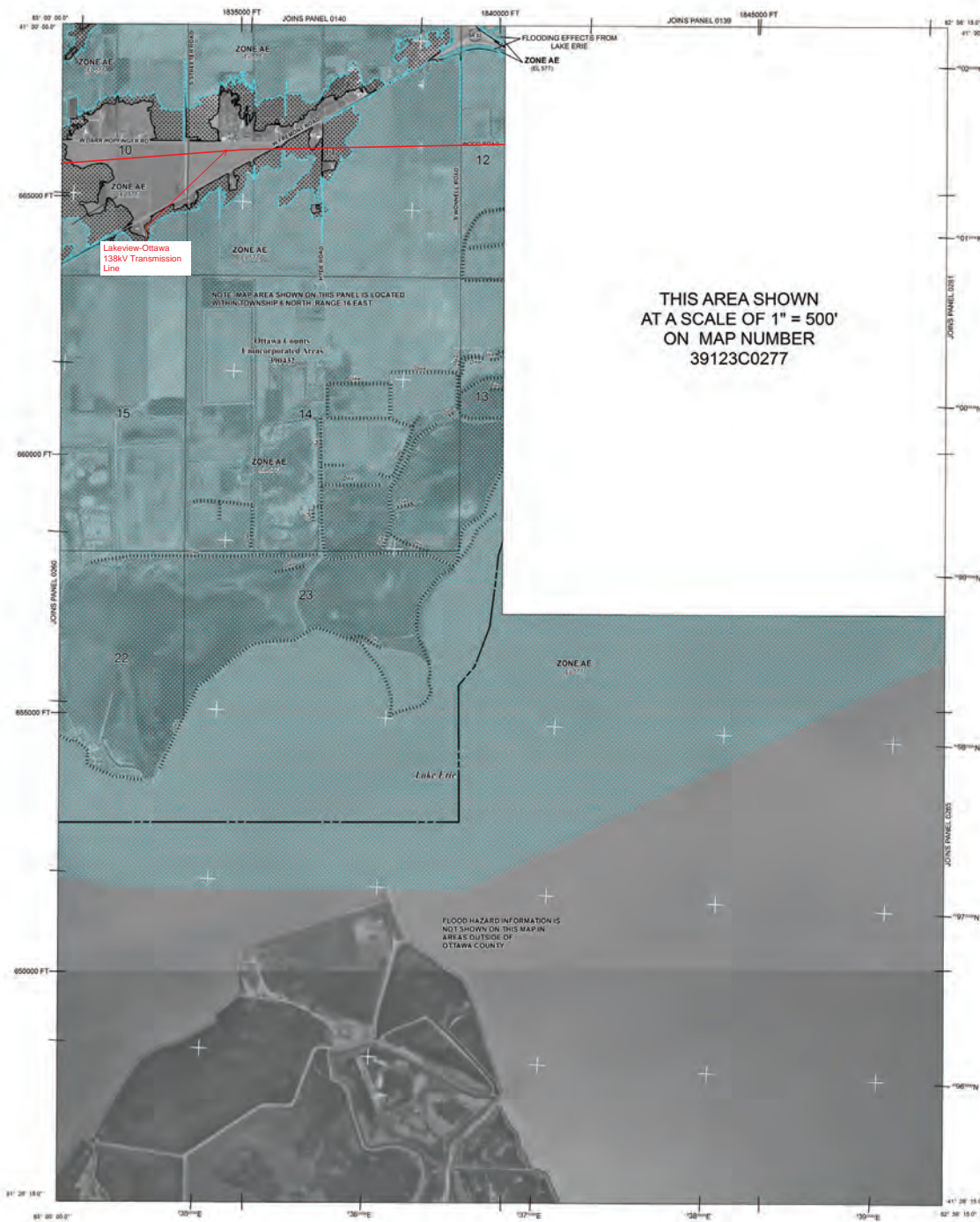
Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a listing of Communities with National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIS visit the **Map Service Center (MSC)** website at <http://products.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have **questions about this map**, how to order products, or the National Flood Insurance Program in general, please call the **FEMA Map Information Exchange (FMIE)** at 1-877-FEMA-MAP (1-877-368-2627) or visit the FMIE website at <http://www.fema.gov/business/mfie>.

The profile base lines depicted on this map represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved topographic data, the profile base line, in some cases, may deviate significantly from the channel centerline or appear outside the SFHA.

PANEL INDEX



THIS AREA SHOWN
AT A SCALE OF 1" = 500'
ON MAP NUMBER
39123C0277

LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100 year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard are divided into four zones: A, AE, AH, AR, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- ZONE A**
No Base Flood Elevation determined.
- ZONE AE**
Base Flood Elevation determined.
- ZONE AH**
Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevation determined.
- ZONE AR**
Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevation determined.
- ZONE ARB**
Area of special flood hazard boundary protected from the 1% annual chance flood event by a flood control system that was substantially completed prior to 1954 and is subject to the 1% annual chance flood. The flood control system is being retained to provide protection from the 1% annual chance or greater flood.
- ZONE V**
Area to be protected from 1% annual chance flood event by a Federal flood protection system under construction or Base Flood Elevation determined.
- ZONE VE**
Coastal flood zone with velocity hazard (wave action); Base Flood Elevation determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of obstructions so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X
Areas of 0.2% annual chance flood, areas of 1% annual chance flood with average depths of less than 1 foot or with average areas less than 1 square mile and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X
Areas determined to be suitable for the 0.2% annual chance floodplain.

ZONE D
Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

CBRS areas and OFAs are normally located within or adjacent to Special Flood Hazard Areas.

OTHERWISE PROTECTED AREAS (OFAs)

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Prescribed boundary
- Zone D boundary
- CBRS and OFA boundary
- Boundary Dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities
- Base Flood Elevation line and velocity indicator in feet
- Base Flood Elevation value where uniform within zone, elevation in feet

*Referenced to the North American Vertical Datum of 1988

- One section line
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
- 1983-1984 Universal Transverse Mercator grid values, zone 17
- 1983-1984 grid values, Ohio State Plane North Coordinate System, zone (SPSZONE 3401) Lambert Conformal Conic
- Beach mark line explanation in Notes to Users section of the FIS report
- Base Map

MAP REPOSITORY

Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTY-LEVEL FLOOD INSURANCE RATE MAP

Map 18

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history, prior to community mapping, refer to the Community Map History book located in the Flood Insurance Study report for this jurisdiction. To determine if flood insurance is available in this community, contact your insurance agent or visit the National Flood Insurance Program at 1-800-455-6622.



NFIP **PANEL 0280C**

FIRM
FLOOD INSURANCE RATE MAP
OTTAWA COUNTY, OHIO
AND INCORPORATED AREAS

PANEL 280 OF 327
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:
COMMUNITY: OTTAWA COUNTY
DUBOIS PANEL: SUPER
DATE: 18-05-18

Wishes to List: The Map Number (shown below) should be used when placing map orders. The Community Number shown below should be used on insurance applications for the subject community.

MAP NUMBER
39123C0280C
EFFECTIVE DATE
MAY 18, 2015

Federal Emergency Management Agency

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations (BFEs)** and/or **Floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevation Tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 5.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevation Tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevation Tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was Ohio State Plane North zone (FIPS/CON 3401). The horizontal datum was NAD83. Differences in datum, spheroid projection or state plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, NIMS12
National Geodetic Survey
SSAIC-3, #9002
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

Base Map information shown on this FIRM was derived from the Ottawa County Auditors Office at a scale of 1:200 from photography dated 2008 and from USGS digital orthophoto quadrangles at a scale of 1:25,000 dated 1998 or later.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after the map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a listing of Communities Table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRM visit the **Map Service Center (MSC)** website at <http://products.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have **questions about this map**, how to order products, or the National Flood Insurance Program in general, please call the **FEMA Map Information Exchange (FMIE)** at 1-877-FEMA-MAP (1-877-368-2627) or visit the FEMA website at <http://www.fema.gov/business/mifg>.

The profile base lines depicted on this map represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved topographic data, the profile base line, in some cases, may deviate significantly from the channel centerline or appear outside the SFWA.

PANEL INDEX



LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100 year flood), also known as the **base flood**, is the flood that has a 1% chance of being equaled or exceeded in any given year. The **Special Flood Hazard Area** is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard are labeled Zone A, AE, AH, AO, X, B, V, and VE. The **Base Flood Elevation** is the water-surface elevation of the 1% annual chance flood.

- ZONE A**
No Base Flood Elevation determined.
- ZONE AE**
Base Flood Elevation determined.
- ZONE AO**
Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevation determined.
- ZONE AR**
Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevation determined.
- ZONE AR**
Area of special flood hazard boundary protected from the 1% annual chance flood event by a flood control system that was substantially completed prior to January 1, 1955. The flood control system is being retained to provide protection from the 1% annual chance or greater flood.
- ZONE AR**
Area to be protected from 1% annual chance flood event by a Federal flood protection system under construction on Base Flood Elevation determined.
- ZONE V**
Coastal flood zone with velocity hazard (wave action); no Base Flood Elevation determined.
- ZONE VE**
Coastal flood zone with velocity hazard (wave action); Base Flood Elevation determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of obstructions to maintain the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X
Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depth of less than 1 foot or with average areas less than 1 square mile and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE D
Areas determined to be outside of the 0.2% annual chance floodplain; Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Prescribed Boundary
- Zone D Boundary
- CBRS and OPA boundary
- Boundary Dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities
- Base Flood Elevation map and velocity indicator in feet
- Base Flood Elevation map and velocity indicator in feet

Referenced to the North American Vertical Datum of 1988

One section line

Traverse line

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere

2000-meter Universal Transverse Mercator grid values: zone 17

5000-foot grid values: Ohio State Plane North Coordinate System, zone (FIPS/CON 3401) Lambert Conformal Conic

Beach mark (see explanation in Notes to Users section of the FIS report)

Spot Map

MAP REPOSITORY

Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTY-WIDE FLOOD INSURANCE RATE MAP

MAP 18

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history, prior to community mapping, refer to the Community Map History book located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or visit the National Flood Insurance Program at 1-800-426-6262.

MAP SCALE 1" = 1000'

200 0 200 400 FEET

200 0 200 400 METERS

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP
OTTAWA COUNTY, OHIO
AND INCORPORATED AREAS

PANEL 260 OF 327
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:
COMMUNITY
OTTAWA COUNTY

DATE: 01/18/2018
BY: 01/18/2018

Notes to User: The Map Number (shown below) should be used when placing map orders. The Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
39123C0260C
EFFECTIVE DATE
MAY 18, 2015
Federal Emergency Management Agency

**This foregoing document was electronically filed with the Public Utilities
Commission of Ohio Docketing Information System on**

11/2/2022 2:18:52 PM

in

Case No(s). 22-0967-EL-BLN

Summary: Letter of Notification Application (7 of 7) electronically filed by Mr.
Christopher K. Riedel on behalf of American Transmission Systems Incorporated