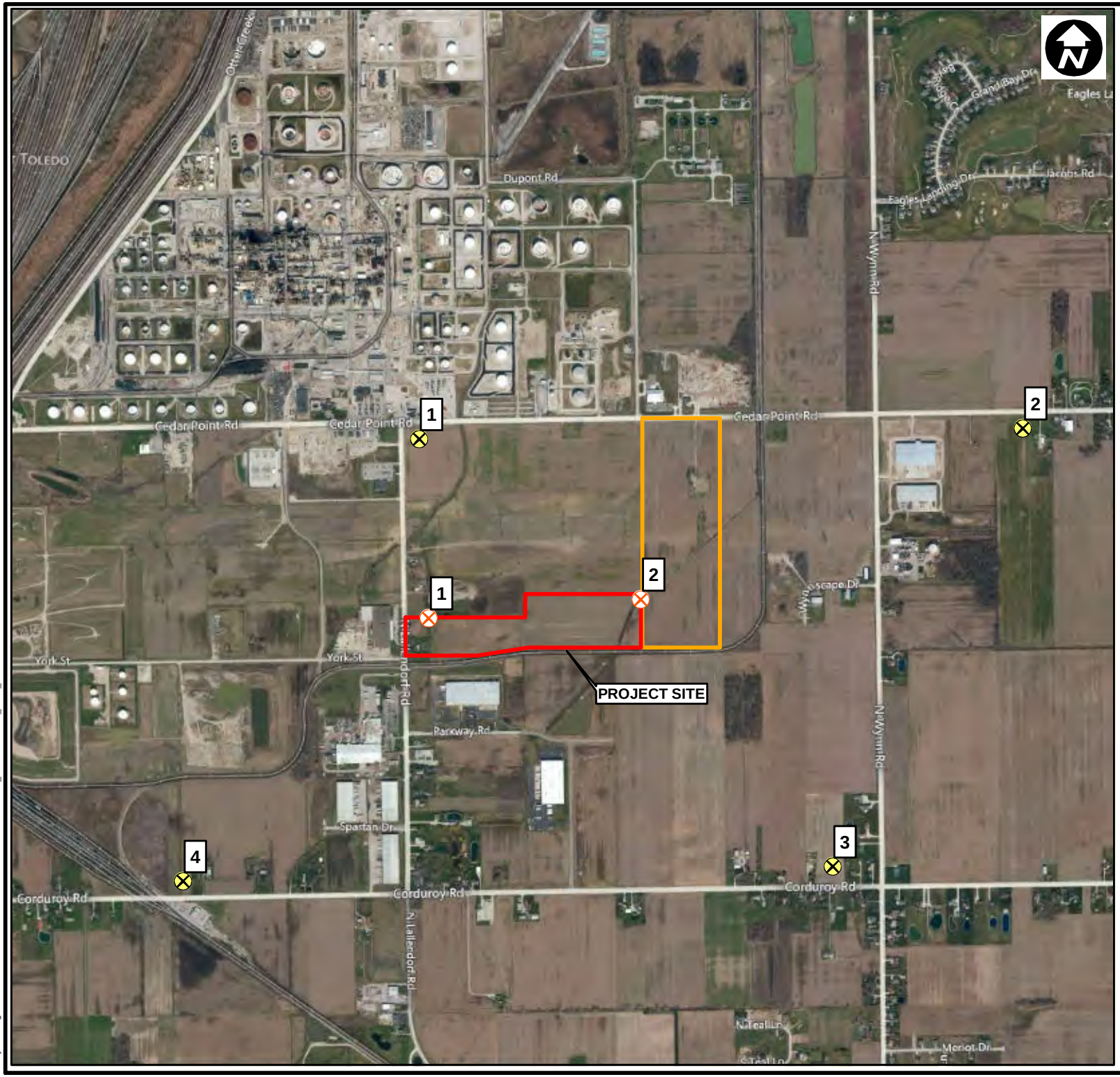
Figures – Section 4906-13-07

- Figure 07-1 – Ambient Noise Monitoring Locations
- Figure 07-2 – Mitsubishi Layout Mitigated Noise Impact Contours
- Figure 07-3 – Siemens Layout Mitigated Noise Impact Contours
- Figure 07-4 - Natural Resource Characteristics of the Site and Surroundings
- Figure 07-5 – Delineated Surface Water Resources
- Figure 07-6 – Surrounding Land Use
- Figure 07-7 – City of Oregon Zoning
- Figure 07-8 - City of Oregon Planned Land Use
- Figure 07-9 – Cultural and Recreational Areas
- Figure 07-10 – Agricultural Land



LUCAS COUNTY, OHIO

Legend

- Project Site
- Construction Laydown Parcel

Noise Monitor Location

- Short-Term
- Long-Term

Bing Aerial Hybrid Image Source: ArcGIS Online Services, Access date: 01/04/2013, via ArcGIS v10. This image is not for re-sale or distribution outside of the use of this PDF.

0 1,000 2,000
Feet

1:18,000
1 inch = 1,500 feet

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OREGON CLEAN ENERGY CENTER

FIGURE 07-1

AMBIENT NOISE MONITORING LOCATIONS

Lucas County, Ohio | **Date: 01/11/2013**

City: Chicago Author: MNesta Path: C:\PROJECTS\OCE\MXD\OPSB_20130104\07-1_OCE_NoiseMonitorLocs.mxd

Noise Contour Legend

- 60 dBA
- 65 dBA
- 70 dBA
- 75 dBA
- 80 dBA

No Scale

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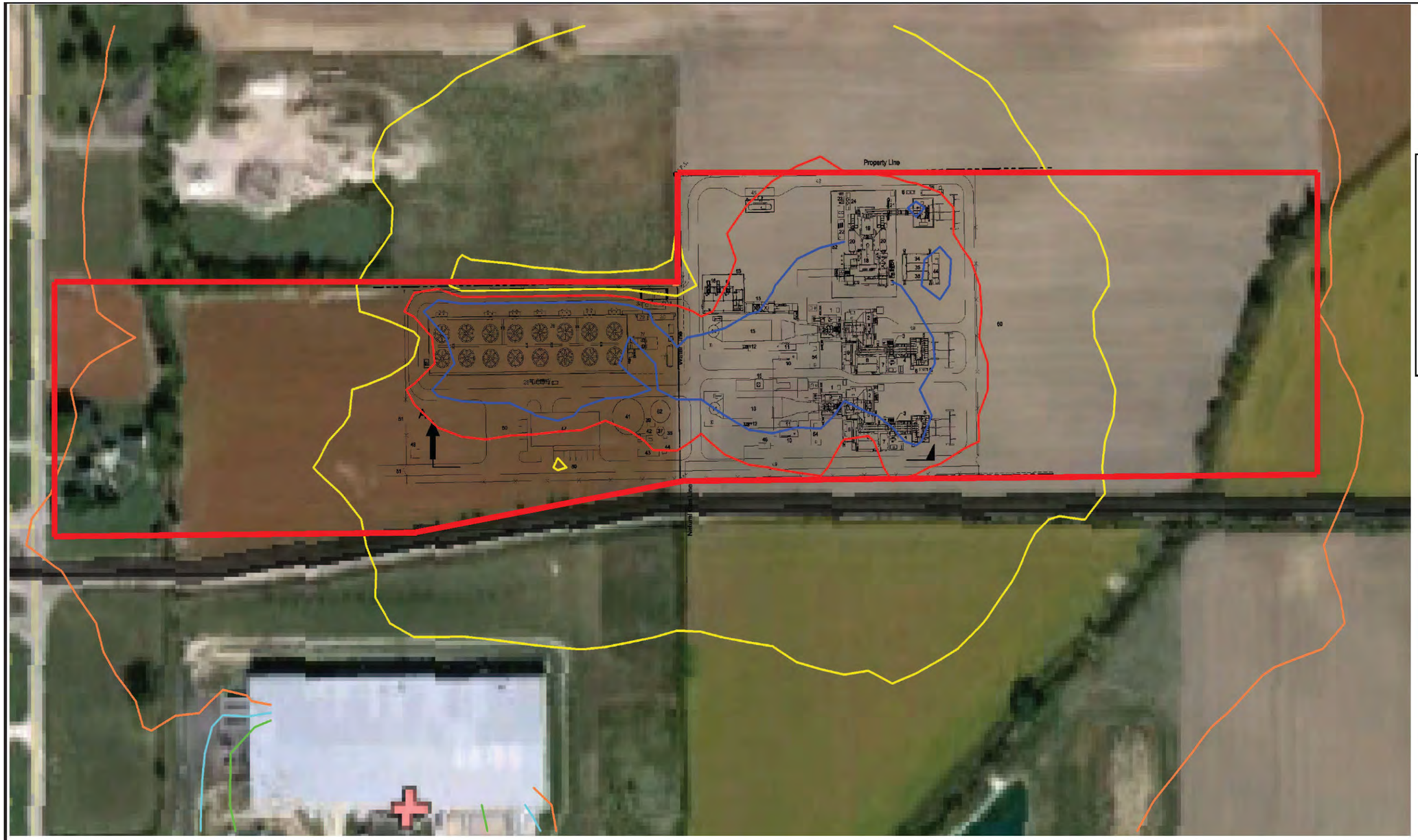
FIGURE 07-2

MITSUBISHI LAYOUT MITIGATED NOISE IMPACT CONTOURS

Lucas County, Ohio | **Date: 01/16/2013**

City: Chicago Author: MNesta Path: C:\PROJECTS\OCE\MXD\OPSB_20130104\07-2_OCE_MitsubishiLayout.mxd



Noise Contour Legend

- 60 dBA
- 65 dBA
- 70 dBA
- 75 dBA
- 80 dBA

No Scale

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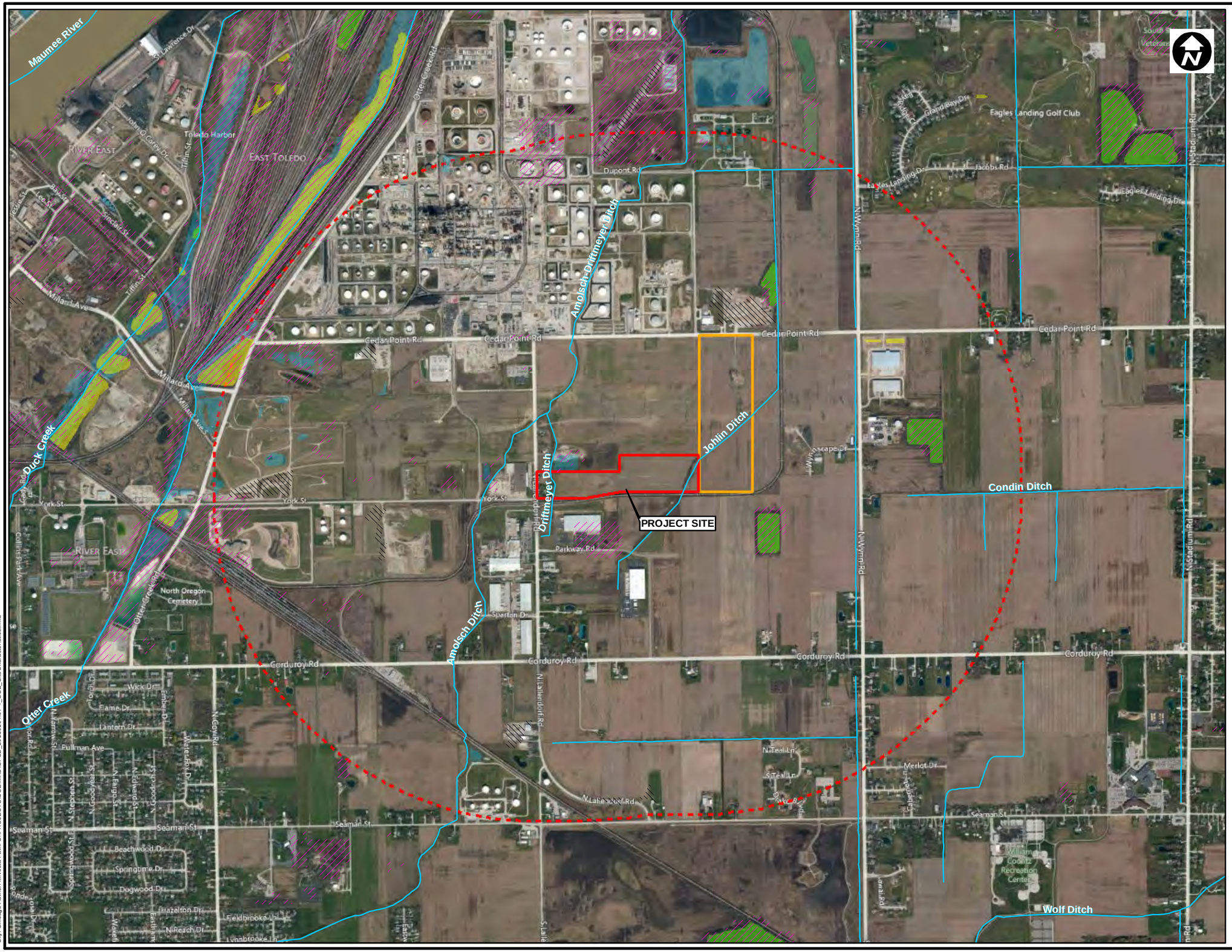
FIGURE 07-3

SIEMENS LAYOUT MITIGATED NOISE IMPACT CONTOURS

Lucas County, Ohio | **Date: 01/16/2013**

City: Chicago Author: MNesta Path: C:\PROJECTS\OCE\MXD\OPSB_20130104\07-3_OCE_SiemensLayout.mxd



LUCAS COUNTY, OHIO

Legend

- Project Site
- One-Mile Radius
- Construction Laydown Parcel
- NHD Flowline
- NHD Waterbody
- Barren Land (Rock/Sand/Clay)
- Ohio Wet Inventory

NWI Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland

Aerial Hybrid Base Image Source: ArcGIS Online Services, Access date: 10/15/2012, via ArcGIS v. 10. This image is not for re-sale or distribution outside of the use of this PDF.
Data Sources:
Flowline/Waterdody: National Hydrology Dataset
Barren Land: Ohio Department of Natural Resources
Ohio Wetlands: Ohio Department of Natural Resources
NWI Wetlands: USFWS National Wetland Inventory

0 1,500 3,000
Feet

1:18,000

1 inch = 1,500 feet

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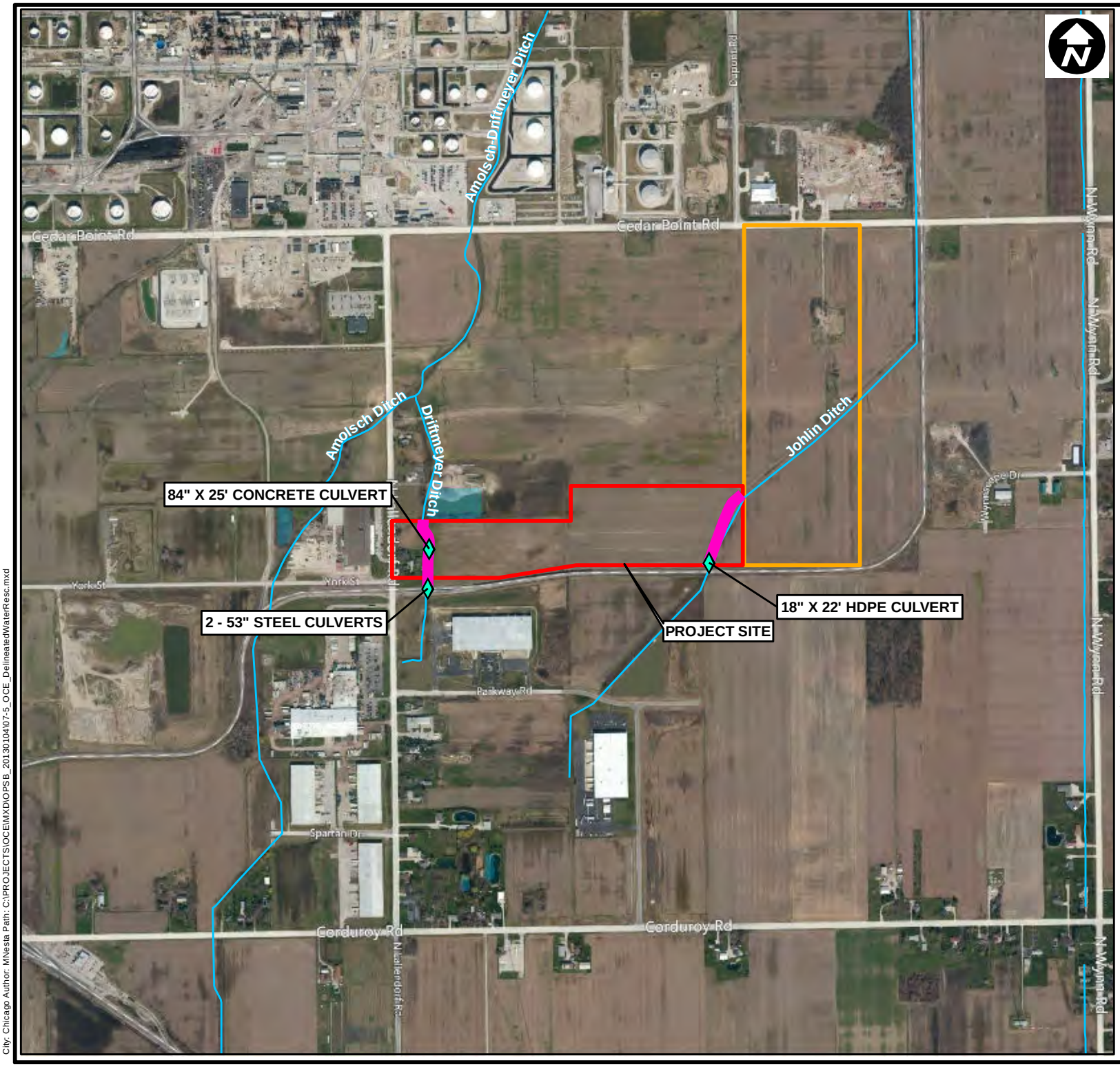
FIGURE 07-4

NATURAL RESOURCE CHARACTERISTICS OF THE SITE AND SURROUNDINGS

Lucas County, Ohio | **Date: 01/16/2013**

City: Chicago Author: MNesta Path: C:\PROJECTS\OCE\MXD\OPSB_20130104\07-4_OCE_SiteCharacteristics.mxd



LUCAS COUNTY, OHIO

Legend

- Project Site
- Construction Laydown Parcel
- NHD Flowline
- Delineated Stream
- Culvert

AERIAL SOURCE:
2011 1-foot digital orthophotography acquired from State of Ohio Office of Information Technology, Ohio Geographically Referenced Information Program

0 500 1,000
Feet

1:12,000
1 inch = 1,000 feet

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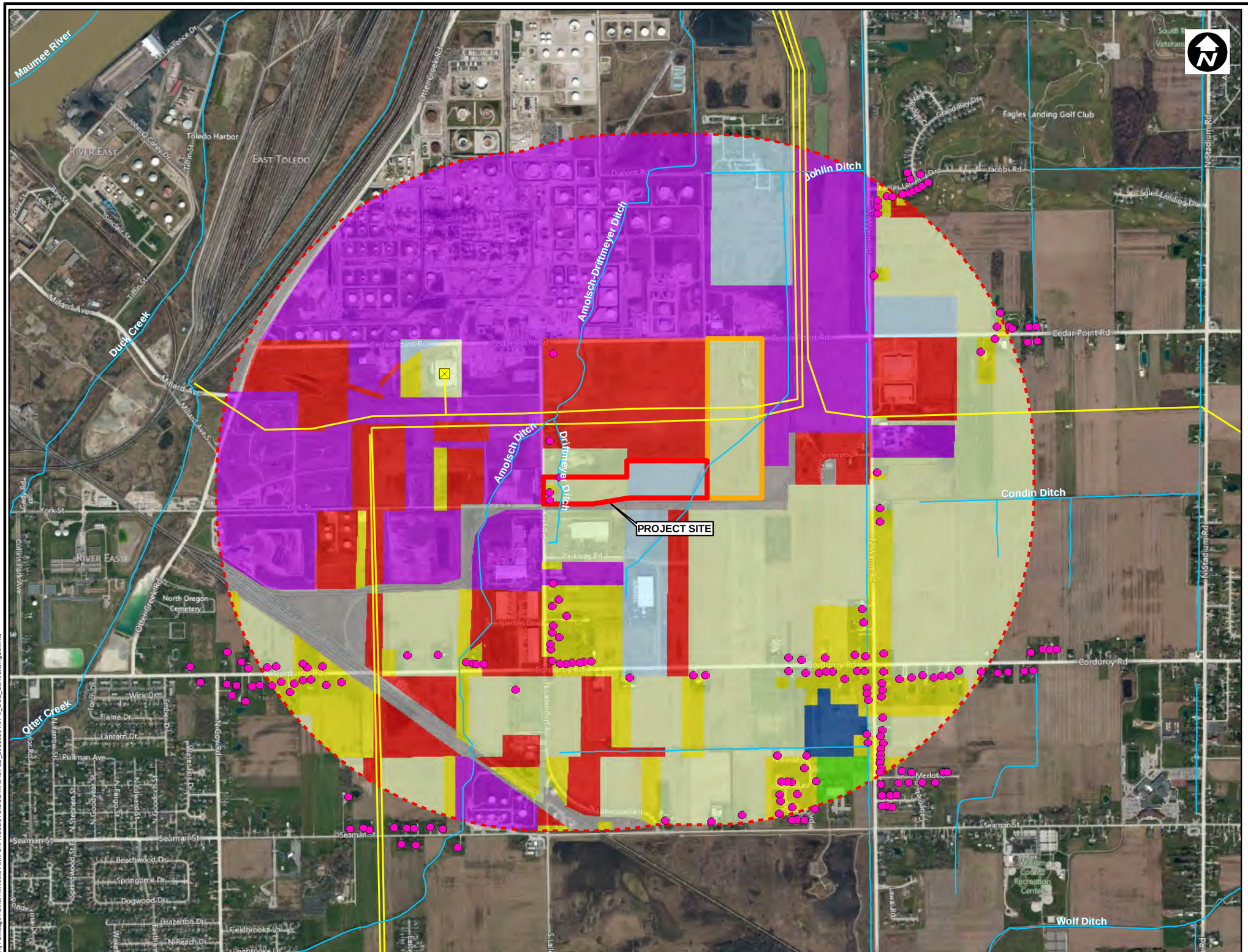
FIGURE 07-5
DELINEATED SURFACE WATER RESOURCES

Lucas County, Ohio | **Date: 01/16/2013**

City: Chicago Author: MNesta Path: C:\PROJECTS\OCEMXD\OPSB_20130104\07-5_OCE_DelineatedWaterResc.mxd



LUCAS COUNTY, OHIO

Legend

- Project Site
- One-Mile Radius
- Construction Laydown Parcel
- Potential Residences within 1-Mile
- Substation
- Transmission Line (Delineated from Topo around Site)
- NHD Flowline

Existing Land Use

- AGRICULTURE
- CITY OF OREGON
- COMMERCIAL
- INDUSTRIAL
- INSTITUTIONAL
- LUCAS COUNTY / CITY OF TOLEDO
- RESIDENTIAL
- UTILITY EASEMENT

Note:
There are no park or recreation area land use within one mile of the Project Site.

Aerial Hybrid Base Image Source: ArcGIS Online Services, Access date: 10/15/2012, via ArcGIS v. 10. This image is not for re-sale or distribution outside of the use of this PDF.

Data Sources:
Existing Land Use dataset was created through on-screen digitizing of Figure 4 "Existing Land Use" of the City of Oregon 2025 Master Plan.
Potential residences created from aerial delineation.

0 1,500 3,000
Feet

1:18,000
1 inch = 1,500 feet

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OREGON CLEAN ENERGY CENTER

FIGURE 07-6

SURROUNDING LAND USE

Lucas County, Ohio | **Date: 01/16/2013**

City: Chicago Author: MNesta Path: C:\PROJECTS\OCE\MXD\OPSB_20130104007-6_OCE_SurroundingLU.mxd

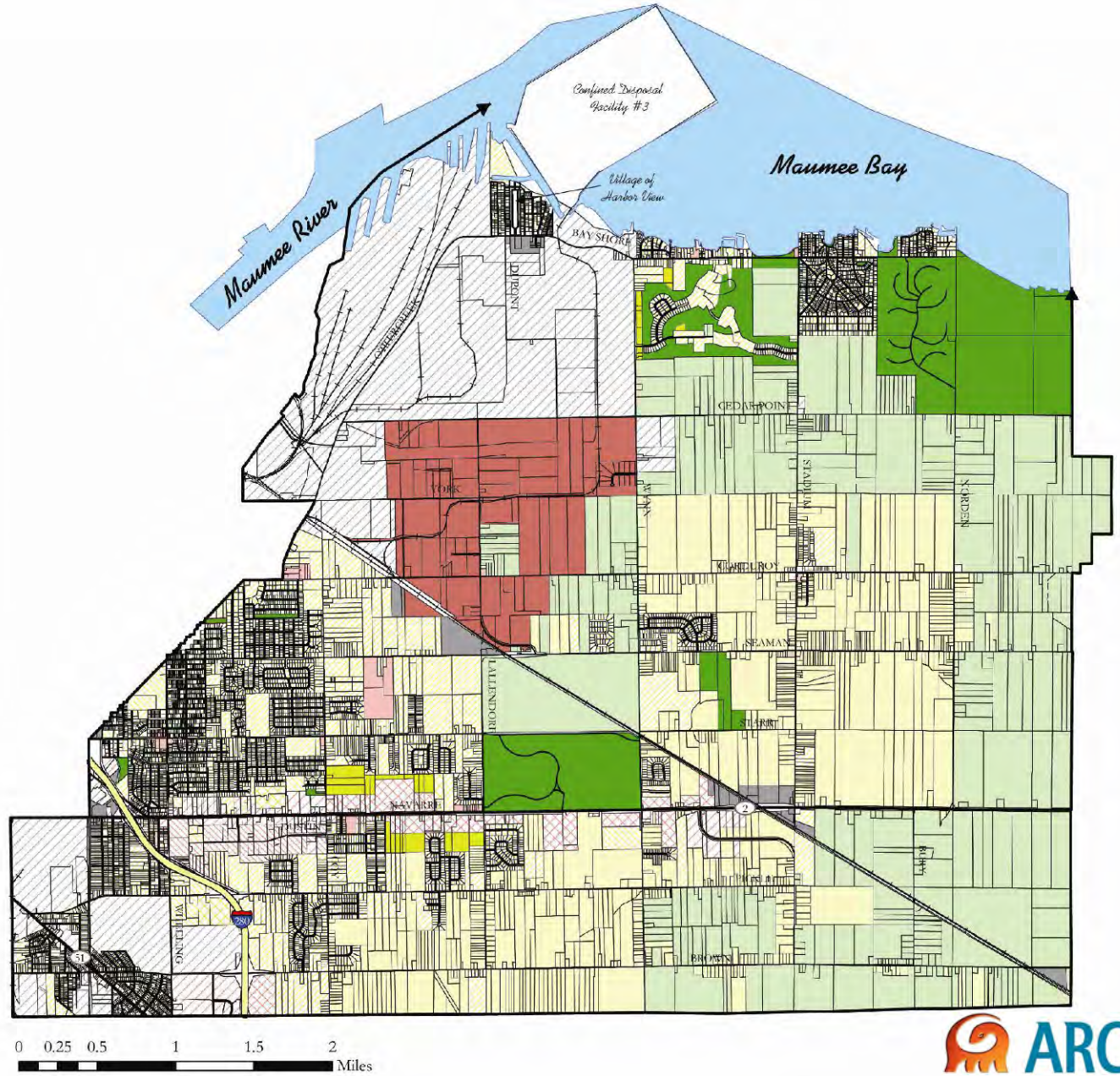
Figure 7

Legend

- Interstate Highways
- State Routes
- Streets
- Rail Road
- Parcels
- City Boundary

Zoning

- A-1
- R-1
- R-2
- R-3
- R-4
- R-5
- C-1
- C-2
- C-3
- C-4
- C-5
- C-I
- M-1
- M-2
- P



Reveille
PLANNING + GIS + ECONOMIC DEVELOPMENT

R.D. Zande & Associates

N

City of Oregon Existing Zoning extracted from the City of Oregon 2025 Master Plan, Figure 7

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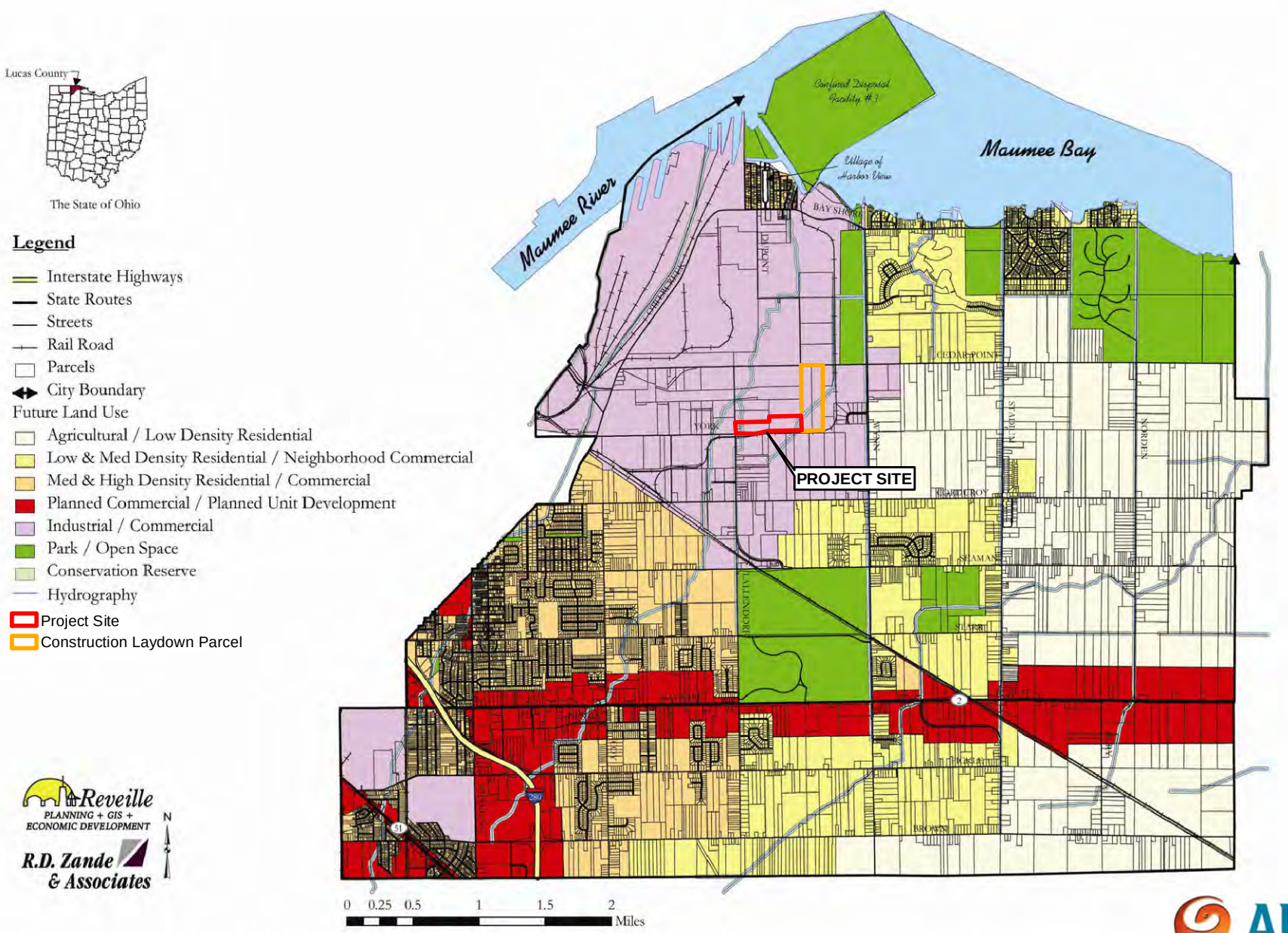
FIGURE 07-7

CITY OF OREGON EXISTING ZONING

Lucas County, Ohio | **Date: 01/16/2013**

City: Chicago Author: MNesta Path: C:\PROJECTS\OCE\MXD\OPSB_20130104\07-7_OCE_OregonZoning.mxd



Reveille
PLANNING + GIS + ECONOMIC DEVELOPMENT
R.D. Zande & Associates

City of Oregon Planned Land Use extracted from the City of Oregon 2025 Master Plan, Figure 11.

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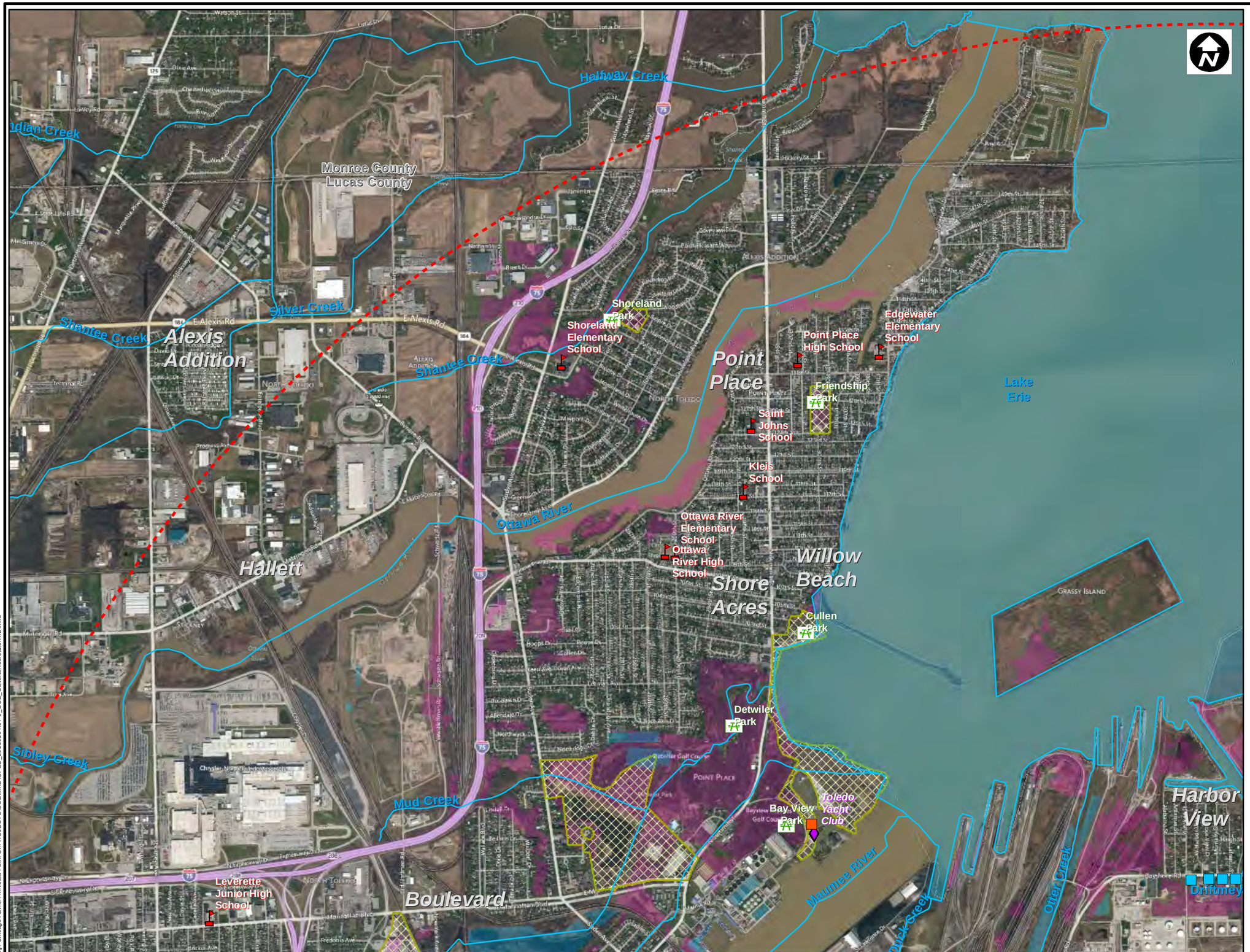
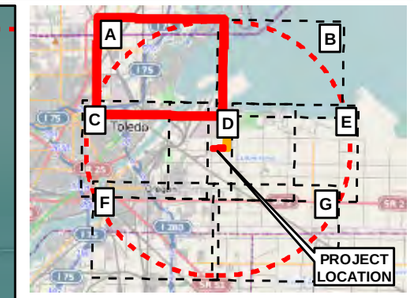
FIGURE 07-8

CITY OF OREGON PLANNED LAND USE

Lucas County, Ohio | **Date: 01/16/2013**

City: Chicago Author: MNesta Path: C:\PROJECTS\OCE\MXD\OPSB_20130104\07-7_OCE_OregonPlannedLU.mxd





5 Mile Radius / 1:24,000 Scale Index

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- 5-Mile Radius
- Construction Laydown Parcel
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- Ohio Historic Inventory Site
- National Registry of Historic Places
- Schools
- Potential Residences within 1-Mile
- Park Loccation
- Local Park or Recreation Area
- State park or forest
- National park or forest
- NHD Flowline
- NHD Waterbody
- Developed, Open Space

Topographic Base Image Source: ArcGIS Online Services, Access date: 12/26/2012, via ArcGIS v. 10. This image is not for re-sale or distribution outside of the use of this PDF.
Data Sources:
Schools, Airports, Parks - Geographic Names Information System.
Park Areas: ESRI StreetMap Pro
Flowline/Waterbody: National Hydrology Dataset
Open Space: 2006 National Land Cover Dataset
Administrative Boundaries: Census 2010 Tiger/Line Shapefiles
National Registry Sites: National Park Service

0 2,000 4,000
Feet

1 inch = 2,000 feet

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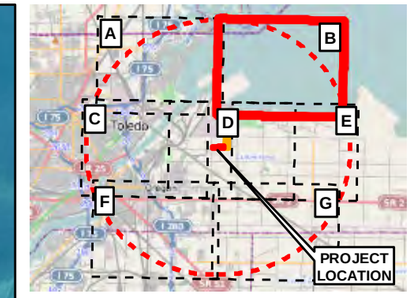
OREGON CLEAN ENERGY CENTER

FIGURE 07-9A
CULTURAL AND RECREATION AREAS

Lucas County, Ohio | **Date: 01/16/2013**

City: Chicago Author: MNesta Path: C:\PROJECTS\OCE\MXD\OPSB_20130104\07-9_OCE_CulturalRecreationMB.mxd



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- State park or forest
- National park or forest
- NHD Flowline
- NHD Waterbody
- Developed, Open Space

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Data Sources:
Schools, Airports, Parks - Geographic Names Information System.
Park Areas: ESRI StreetMap Pro
Flowline/Waterdody: National Hydrology Dataset
Open Space: 2006 National Land Cover Dataset
Administrative Boundaries: Census 2010 Tiger/Line Shapefiles
National Registry Sites: National Park Service

0 2,000 4,000
Feet

1 inch = 2,000 feet

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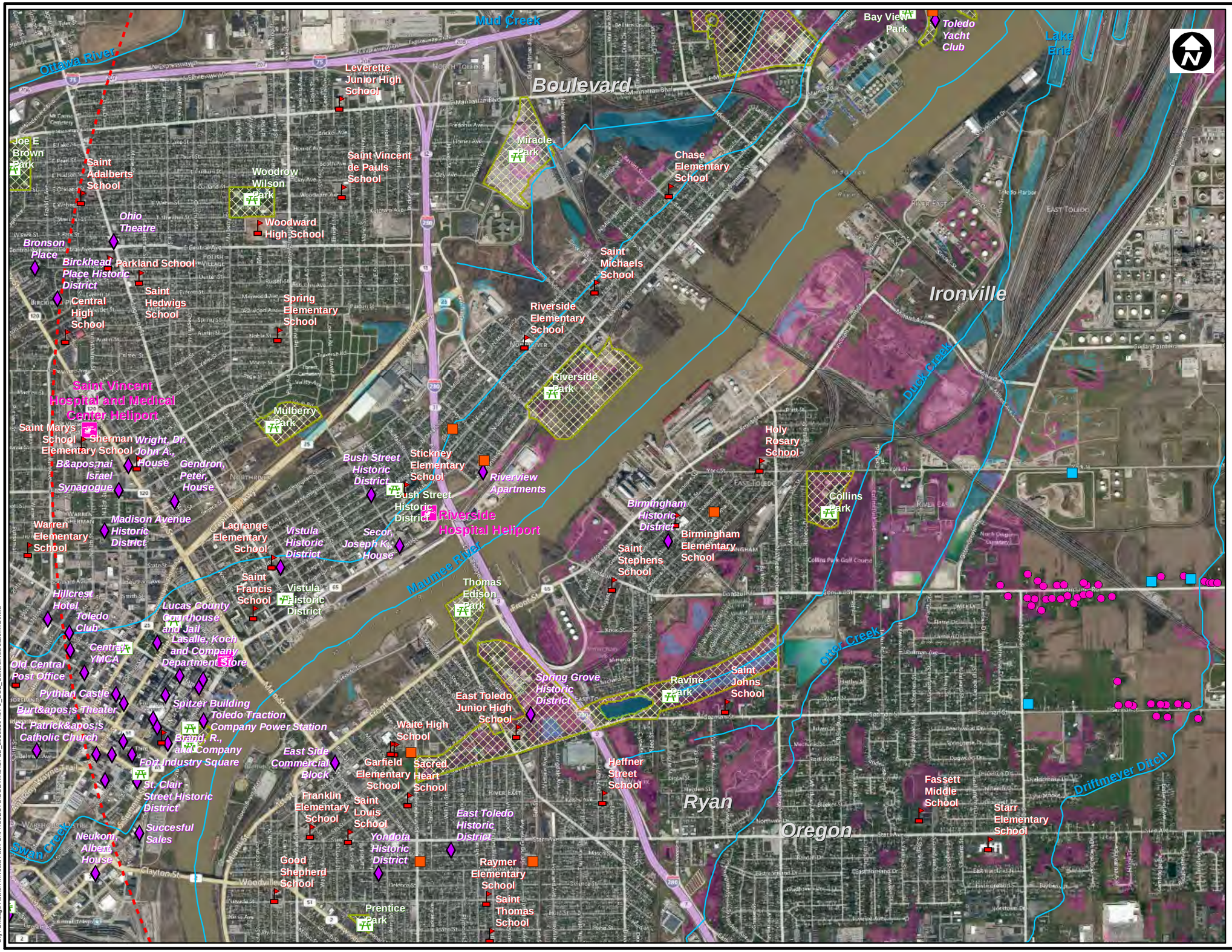
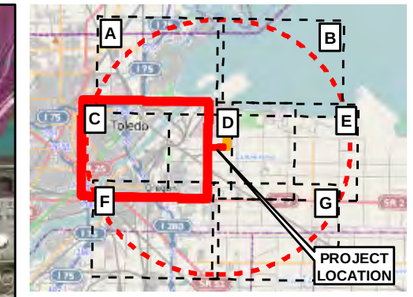
OREGON CLEAN ENERGY CENTER

FIGURE 07-9B
CULTURAL AND RECREATION AREAS

Lucas County, Ohio | **Date: 01/16/2013**

City: Chicago Author: MNesta Path: C:\PROJECTS\OCE\MXD\OPSB_20130104\07-9_OCE_CulturalRecreationMB.mxd





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- Local Park or Recreation Area
- State park or forest
- National park or forest
- NHD Flowline
- NHD Waterbody
- Developed, Open Space

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Data Sources:
Schools, Airports, Parks - Geographic Names Information System.
Park Areas: ESRI StreetMap Pro
Flowline/Waterdody: National Hydrology Dataset
Open Space: 2006 National Land Cover Dataset
Administrative Boundaries: Census 2010 Tiger/Line Shapefiles
National Registry Sites: National Park Service

0 2,000 4,000
Feet

1 inch = 2,000 feet

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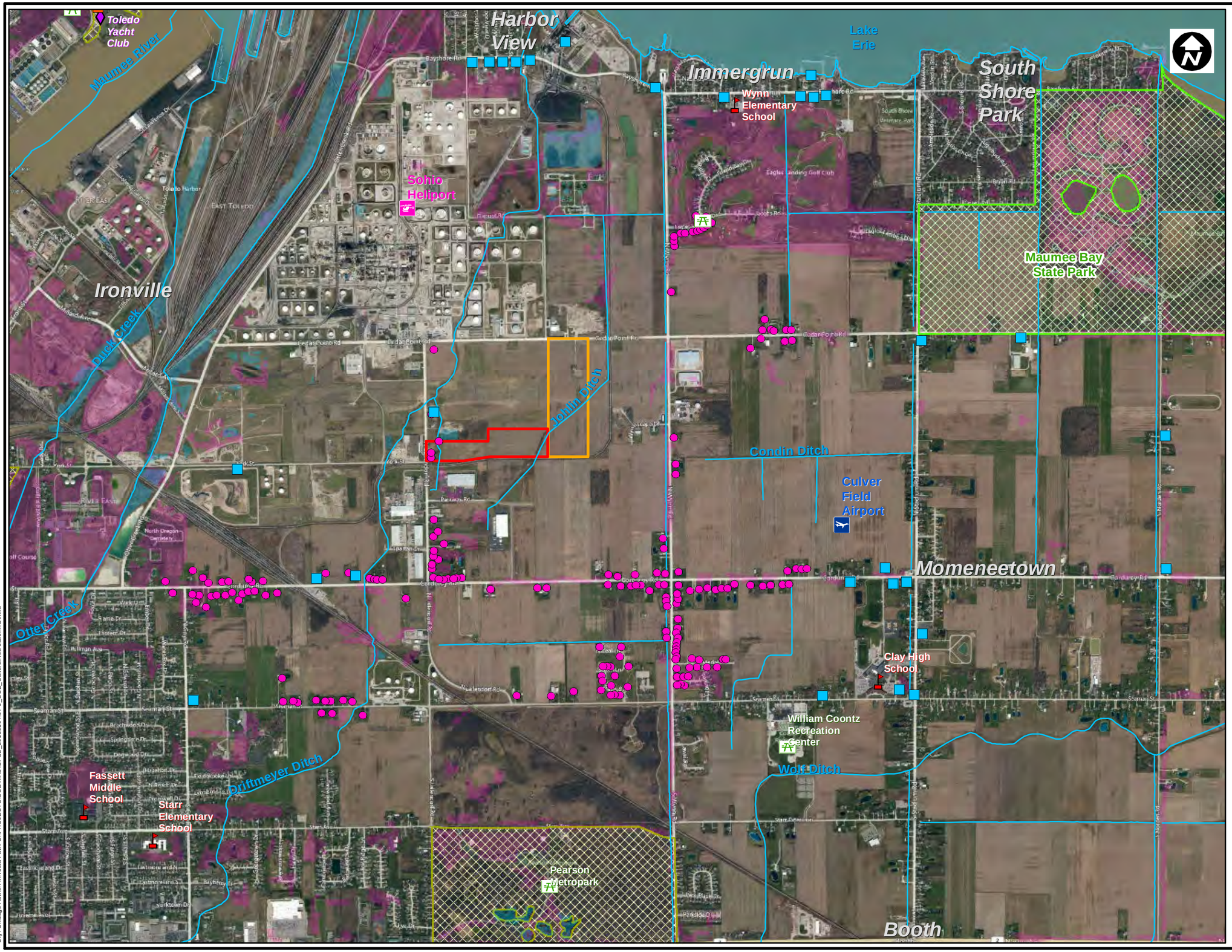
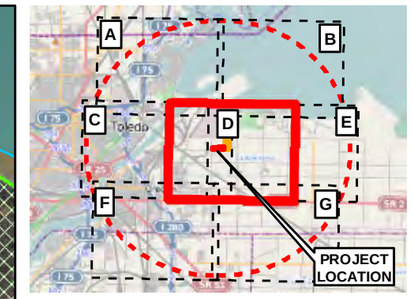
OREGON CLEAN ENERGY CENTER

FIGURE 07-9C
CULTURAL AND RECREATION AREAS

Lucas County, Ohio | **Date: 01/16/2013**

City: Chicago Author: MNesta Path: C:\PROJECTS\OCE\MXD\OPSB_20130104\07-9_OCE_CulturalRecreationMB.mxd





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- State park or forest
- National park or forest
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- NHD Waterbody
- Developed, Open Space

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Data Sources:
Schools, Airports, Parks - Geographic Names Information System.
Park Areas: ESRI StreetMap Pro
Flowline/Waterdody: National Hydrology Dataset
Open Space: 2006 National Land Cover Dataset
Administrative Boundaries: Census 2010 Tiger/Line Shapefiles
National Registry Sites: National Park Service

0 2,000 4,000
Feet

1 inch = 2,000 feet

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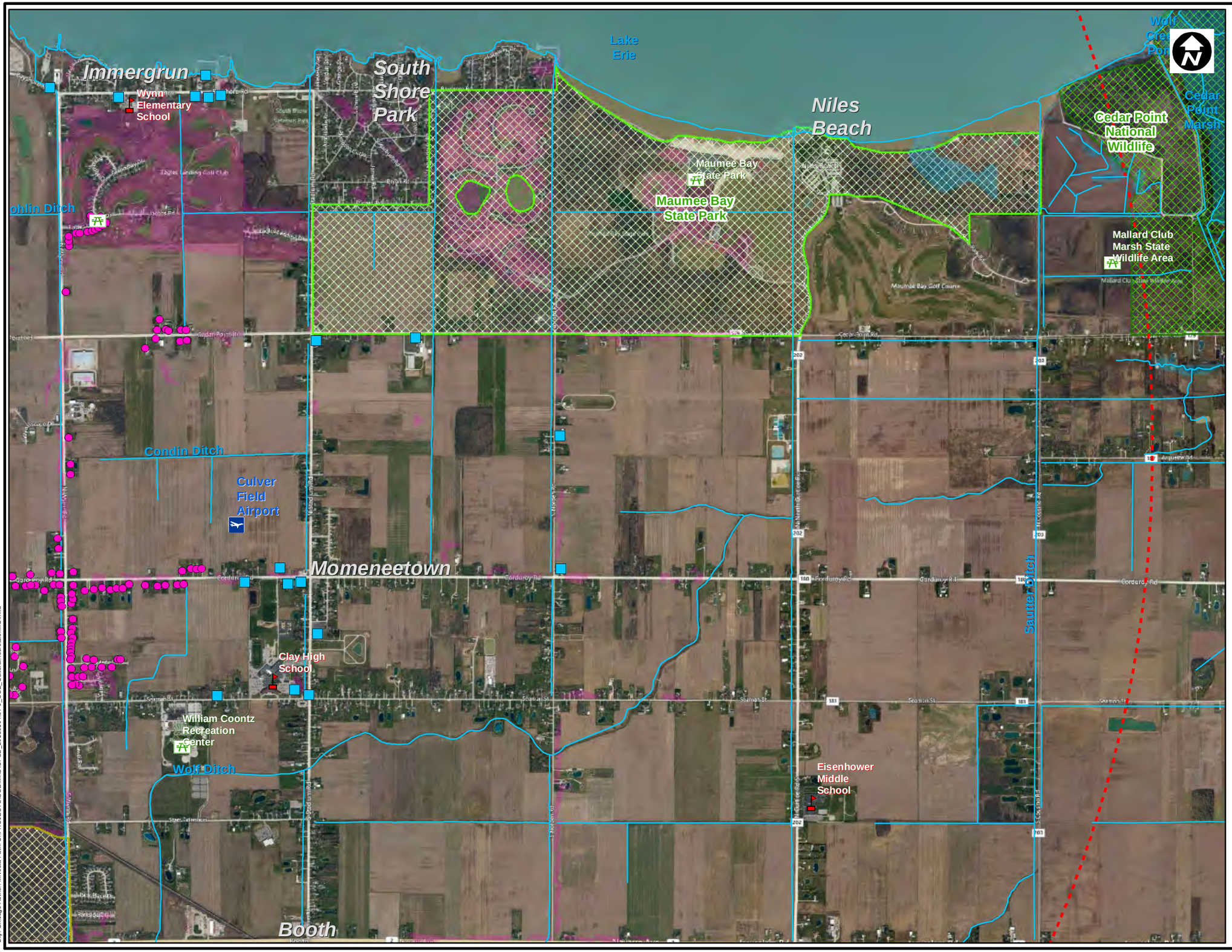
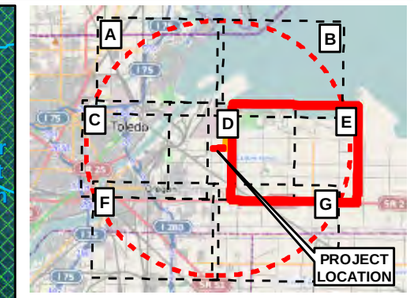
OREGON CLEAN ENERGY CENTER

FIGURE 07-9D
CULTURAL AND RECREATION AREAS

Lucas County, Ohio | **Date: 01/16/2013**

City: Chicago Author: MNesta Path: C:\PROJECTS\OCE\MXD\OPSB_20130104\07-9_OCE_CulturalRecreationMB.mxd





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- National park or forest
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- Developed, Open Space

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Data Sources:
Schools, Airports, Parks - Geographic Names Information System.
Park Areas: ESRI StreetMap Pro
Flowline/Waterdody: National Hydrology Dataset
Open Space: 2006 National Land Cover Dataset
Administrative Boundaries: Census 2010 Tiger/Line Shapefiles
National Registry Sites: National Park Service

0 2,000 4,000
Feet

1 inch = 2,000 feet

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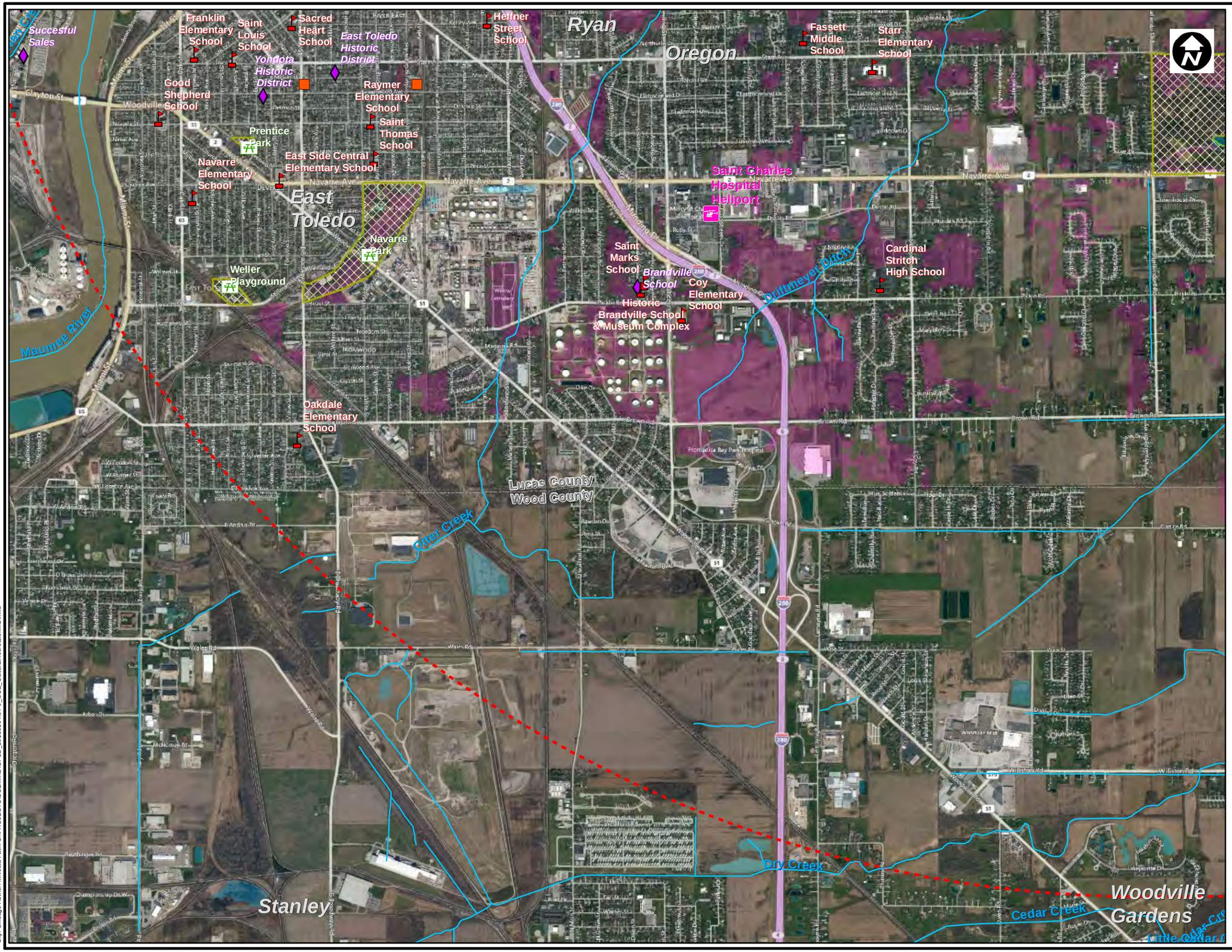
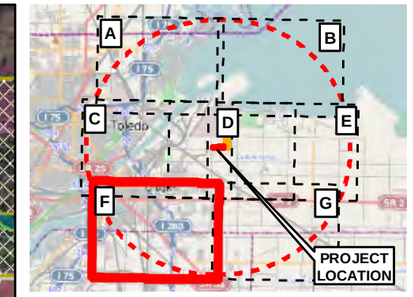
OREGON CLEAN ENERGY CENTER

FIGURE 07-9E
CULTURAL AND RECREATION AREAS

Lucas County, Ohio | **Date: 01/16/2013**

City: Chicago Author: MNesta Path: C:\PROJECTS\OCE\MXD\OPSB_20130104\07-9_OCE_CulturalRecreationMB.mxd





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- National park or forest
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- NHD Waterbody
- Developed, Open Space

Topographic Base Image Source: ArcGIS Online Services, Access date: 12/26/2012, via ArcGIS v. 10. This image is not for re-sale or distribution outside of the use of this PDF.
Data Sources:
Schools, Airports, Parks - Geographic Names Information System.
Park Areas: ESRI StreetMap Pro
Flowline/Waterdody: National Hydrology Dataset
Open Space: 2006 National Land Cover Dataset
Administrative Boundaries: Census 2010 Tiger/Line Shapefiles
National Registry Sites: National Park Service

0 2,000 4,000
Feet

1 inch = 2,000 feet

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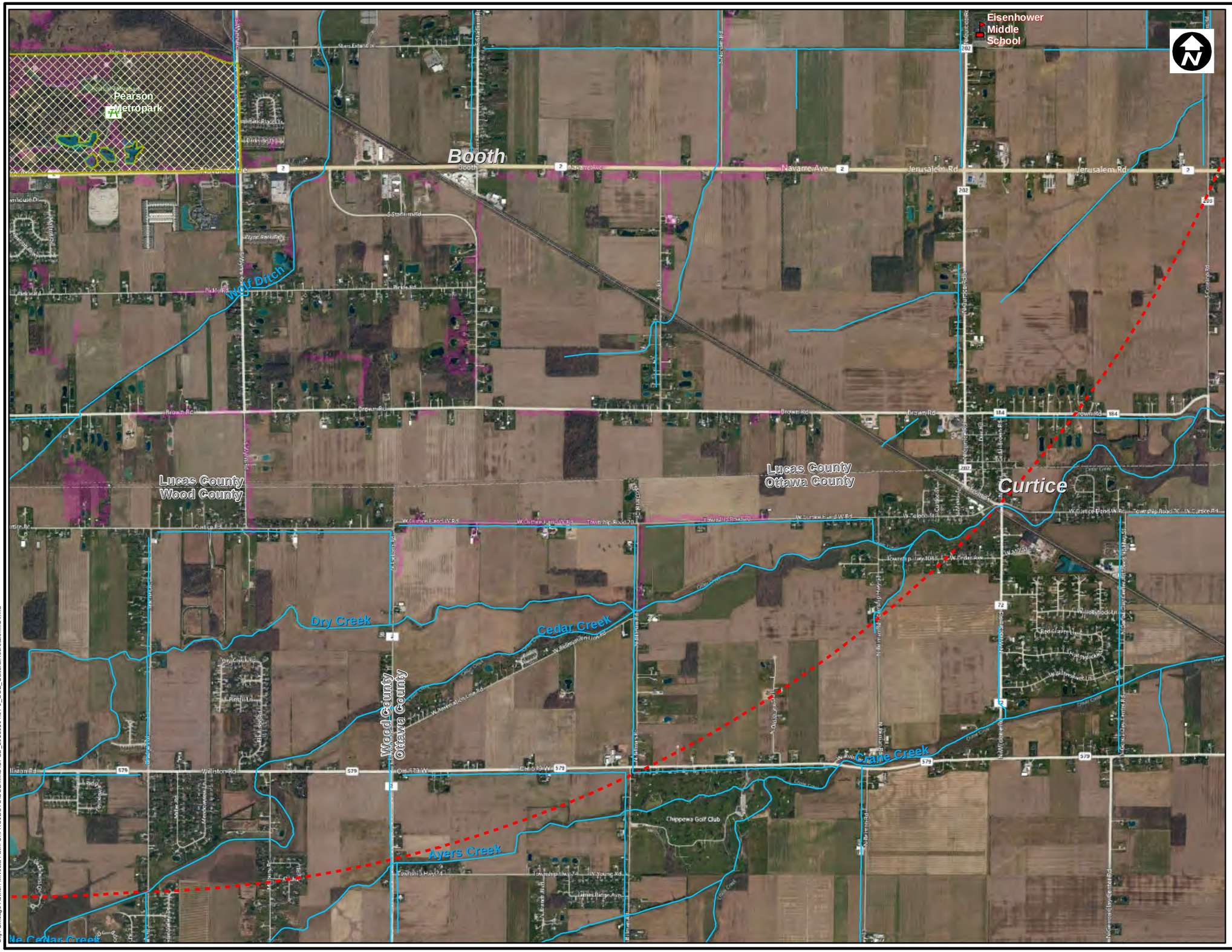
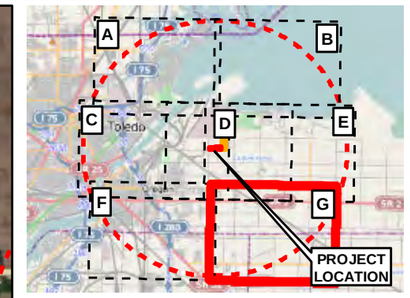
OREGON CLEAN ENERGY CENTER

FIGURE 07-9F
CULTURAL AND RECREATION AREAS

Lucas County, Ohio | **Date: 01/16/2013**

City: Chicago Author: MNesta Path: C:\PROJECTS\OCE\MXD\OPSB_20130104\07-9_OCE_CulturalRecreationMB.mxd





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- National park or forest
- NHD Flowline
- NHD Waterbody
- Developed, Open Space

Topographic Base Image Source: ArcGIS Online Services, Access date: 12/26/2012, via ArcGIS v. 10. This image is not for re-sale or distribution outside of the use of this PDF.
Data Sources:
Schools, Airports, Parks - Geographic Names Information System.
Park Areas: ESRI StreetMap Pro
Flowline/Waterdody: National Hydrology Dataset
Open Space: 2006 National Land Cover Dataset
Administrative Boundaries: Census 2010 Tiger/Line Shapefiles
National Registry Sites: National Park Service

0 2,000 4,000
Feet

1 inch = 2,000 feet

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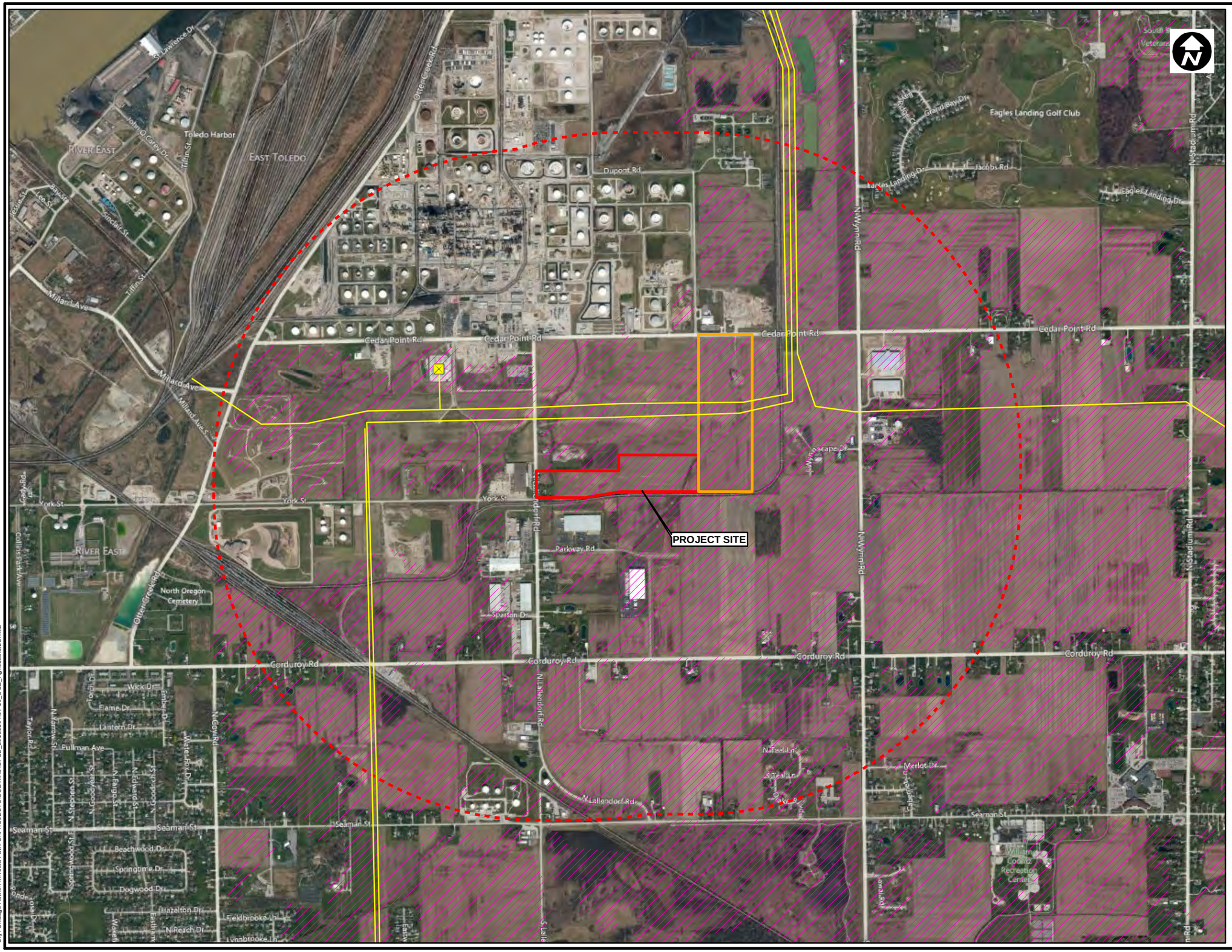
OREGON CLEAN ENERGY CENTER

FIGURE 07-9G
CULTURAL AND RECREATION AREAS

Lucas County, Ohio | **Date: 01/16/2013**

City: Chicago Author: MNesta Path: C:\PROJECTS\OCE\MXD\OPSB_20130104\07-9_OCE_CulturalRecreationMB.mxd



LUCAS COUNTY, OHIO

Legend

- Project Site
- One-Mile Radius
- Construction Laydown Parcel
- Substation
- Transmission Line (Delineated from Topo around Site)
- Cultivated Crops

Aerial Hybrid Base Image Source: ArcGIS Online Services, Access date: 10/15/2012, via ArcGIS v. 10. This image is not for re-sale or distribution outside of the use of this PDF.
Data Sources:
Cultivated Crops: 2006 National Land Cover Dataset

0 1,500 3,000
Feet

1:18,000

1 inch = 1,500 feet

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OREGON CLEAN ENERGY CENTER

FIGURE 07-10

AGRICULTURAL LAND

Lucas County, Ohio | **Date: 01/16/2013**

City: Chicago Author: MNesta Path: C:\PROJECTS\OCE\MXD\OPSB_20130104\07-10_OCE_AgriculturalLU.mxd

This foregoing document was electronically filed with the Public Utilities

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1/17/2013 2:07:51 PM

in

Case No(s). 12-2959-EL-BGN

Summary: Application Section 4906-13-07 Figures electronically filed by Teresa Orahood on behalf of Oregon Clean Energy, LLC