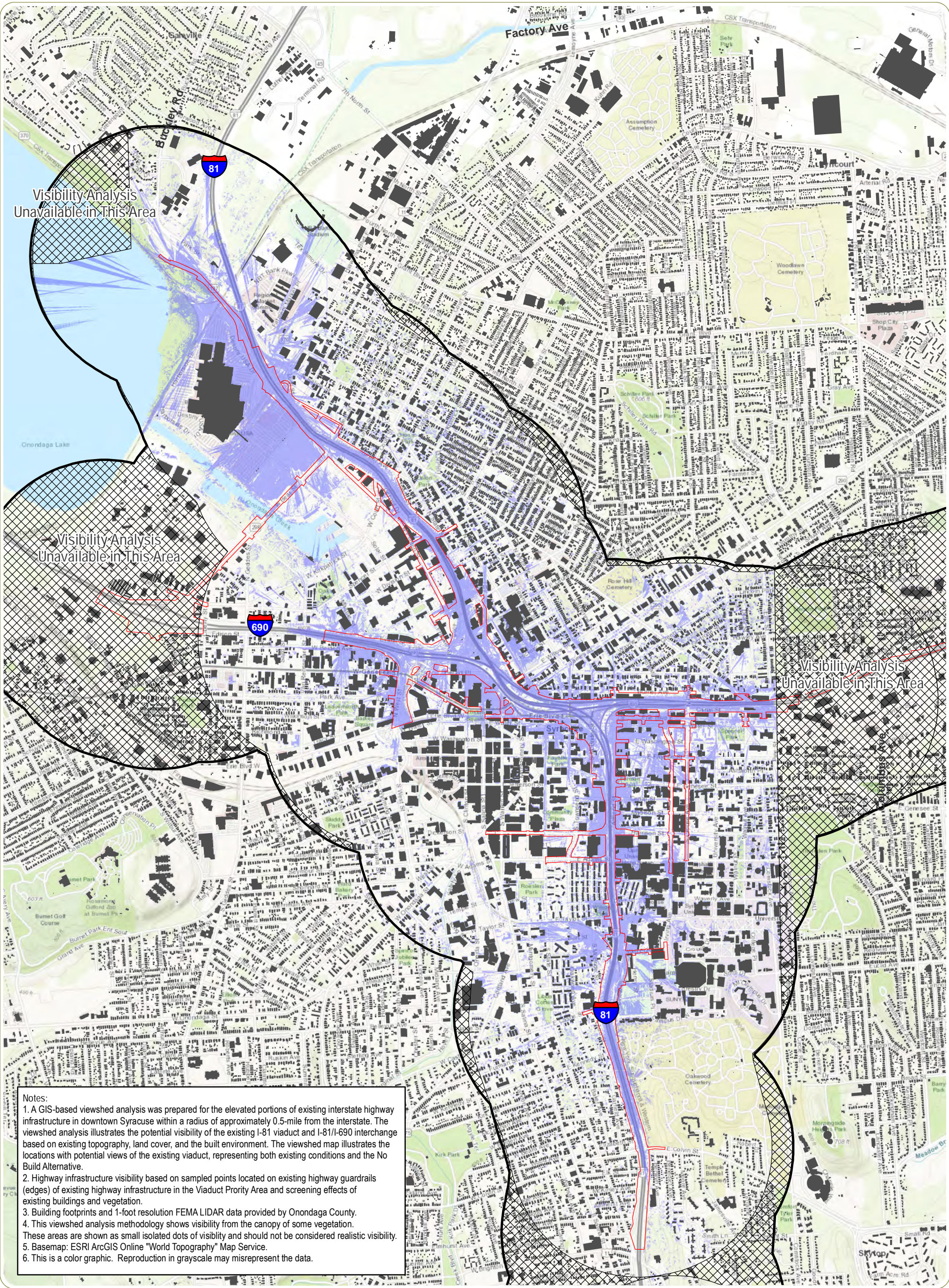


Appendix F
Visual Impact Assessment

Part 2 of 4

ATTACHMENT A

Project Maps



Notes:

1. A GIS-based viewshed analysis was prepared for the elevated portions of existing interstate highway infrastructure in downtown Syracuse within a radius of approximately 0.5-mile from the interstate. The viewshed analysis illustrates the potential visibility of the existing I-81 viaduct and I-81/I-690 interchange based on existing topography, land cover, and the built environment. The viewshed map illustrates the locations with potential views of the existing viaduct, representing both existing conditions and the No Build Alternative.
2. Highway infrastructure visibility based on sampled points located on existing highway guardrails (edges) of existing highway infrastructure in the Viaduct Priority Area and screening effects of existing buildings and vegetation.
3. Building footprints and 1-foot resolution FEMA LIDAR data provided by Onondaga County.
4. This viewshed analysis methodology shows visibility from the canopy of some vegetation. These areas are shown as small isolated dots of visibility and should not be considered realistic visibility.
5. Basemap: ESRI ArcGIS Online "World Topography" Map Service.
6. This is a color graphic. Reproduction in grayscale may misrepresent the data.

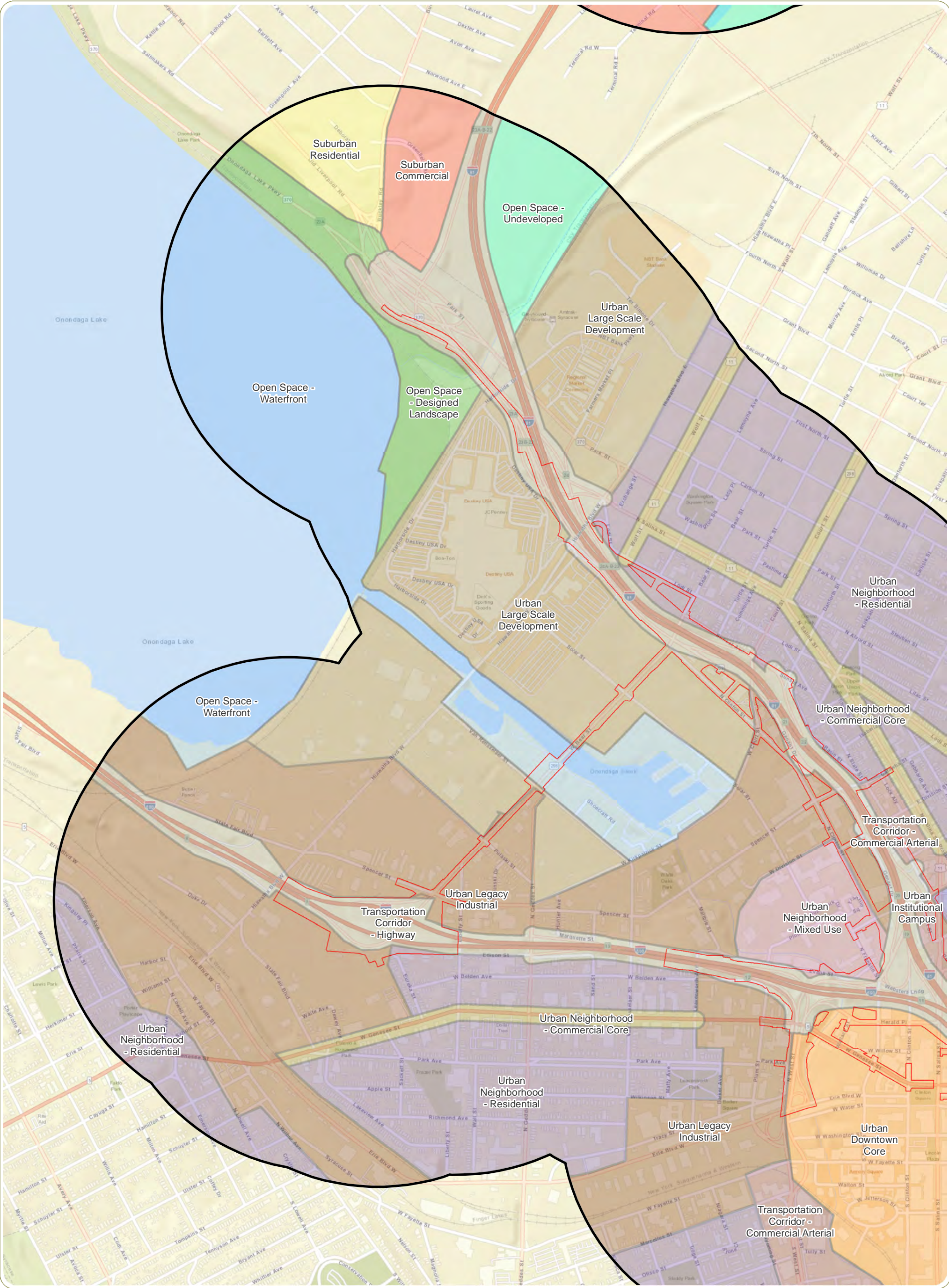
I-81 Viaduct Project
Onondaga County, New York

Attachment A - Map 1: Project Area Viewshed

2021

- Highway Infrastructure Visibility
- Building Footprint
- Visibility Analysis Unavailable in This Area
- Limits of Disturbance for All Project Alternatives - Central Study Area
- Area of Visual Effect

*Visibility analysis unavailable for all portions of the Area of Visual Effect not depicted above (see Note 1).



I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 2: Landscape Units
Sheet 1 of 12

2021
Notes:
1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

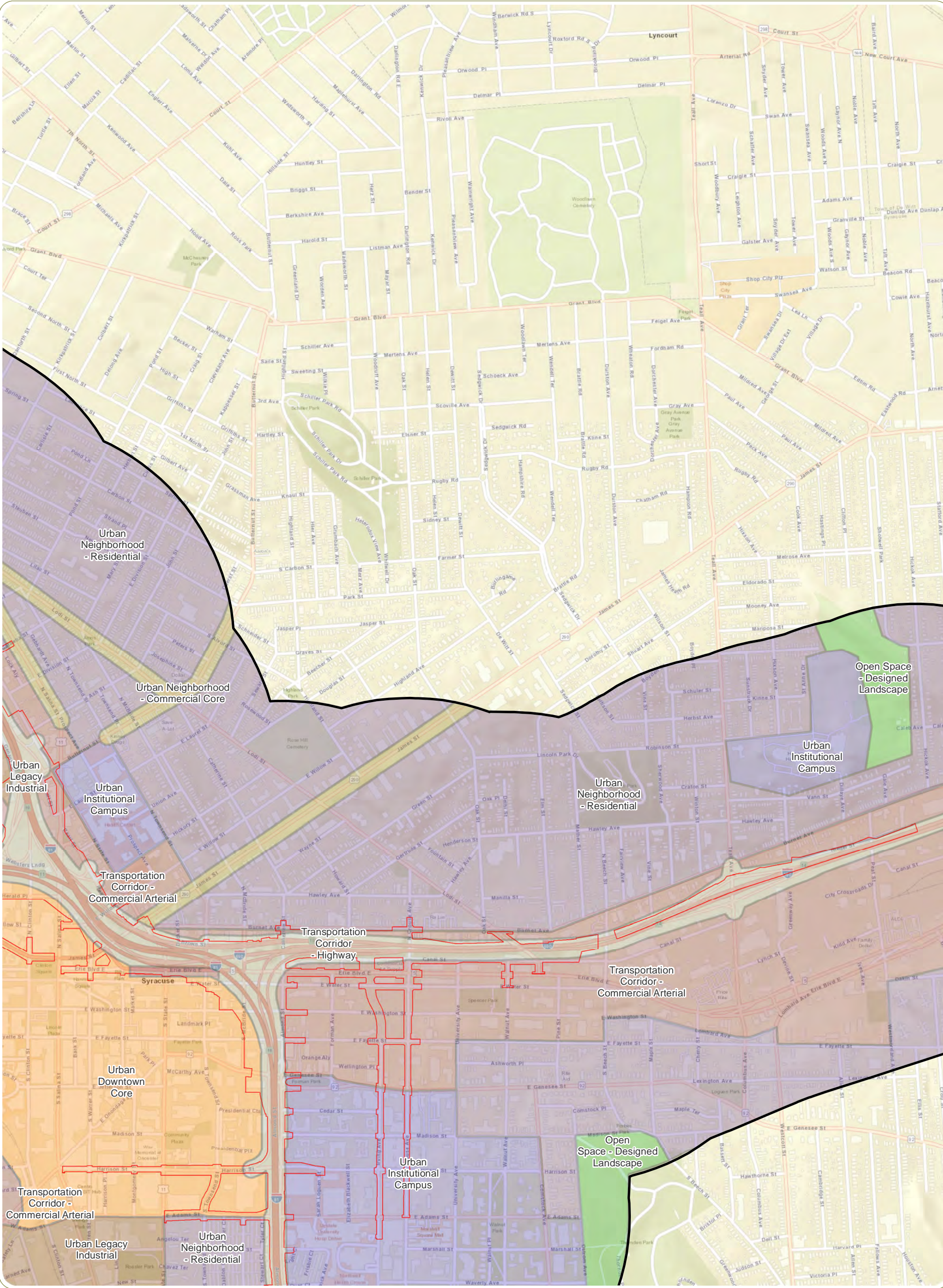
- Area of Visual Effect**
Limits of Disturbance for All Project Alternatives
- Landscape Units**
- Transportation Corridor - Highway
 - Open Space - Designed
 - Open Space - Undeveloped
 - Open Space - Waterfront
 - Suburban Commercial
 - Suburban Residential
 - Transportation Corridor - Commercial Arterial
 - Urban Downtown Core
 - Urban Institutional
 - Urban Large Scale
 - Urban Legacy Industrial
 - Urban Neighborhood - Commercial
 - Urban Neighborhood - Mixed
 - Urban Neighborhood - Residential

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Federal Highway Administration



- Area of Visual Effect

Limits of Disturbance for All Project Alternatives

Landscape Units

Transportation Corridor - Highway

Open Space - Designed
- Transportation Corridor - Commercial Arterial

Urban Downtown Core

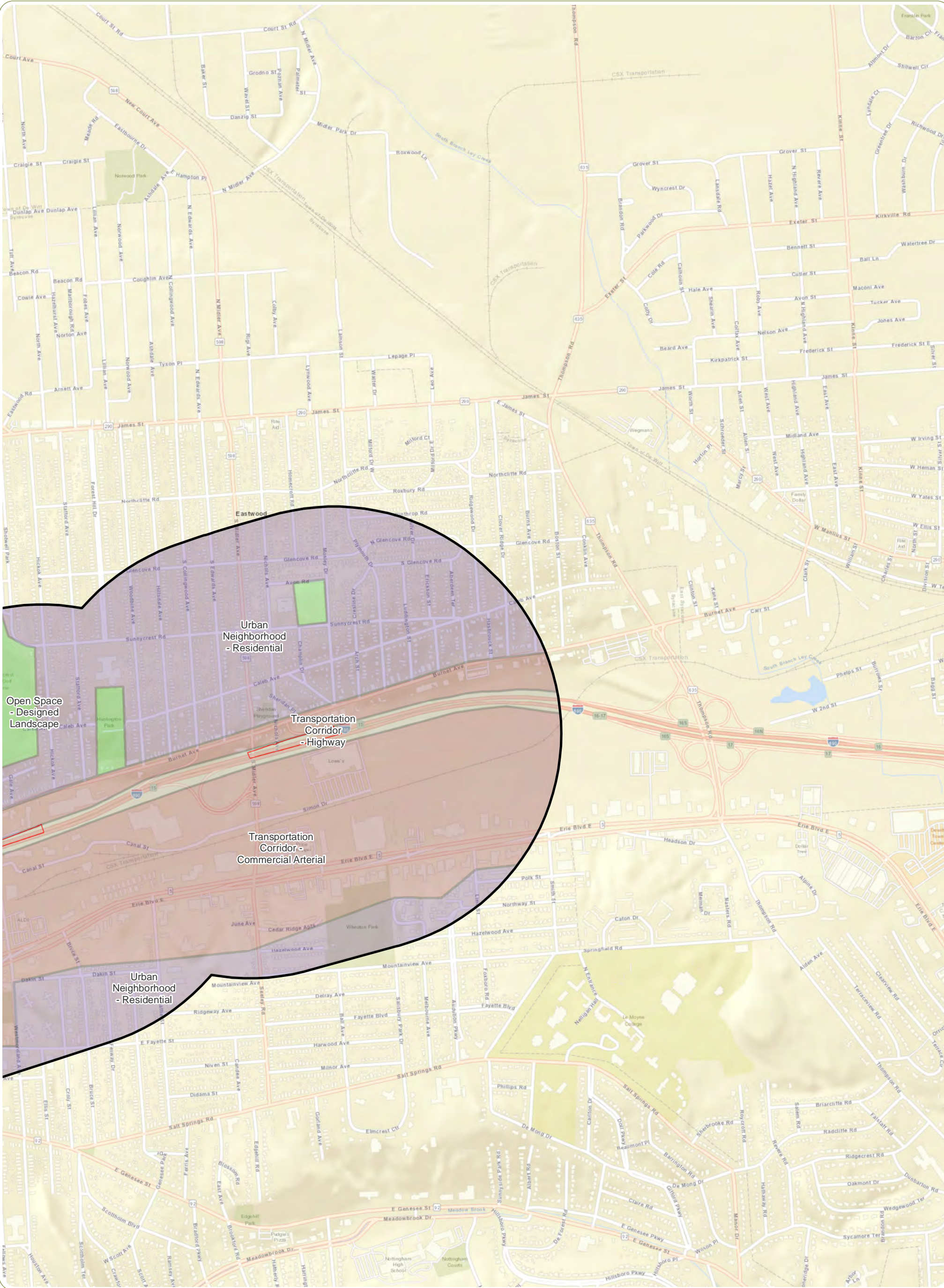
Urban Institutional

Urban Legacy Industrial

Urban Neighborhood - Commercial

Urban Neighborhood - Mixed

Urban Neighborhood - Residential

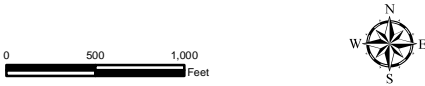


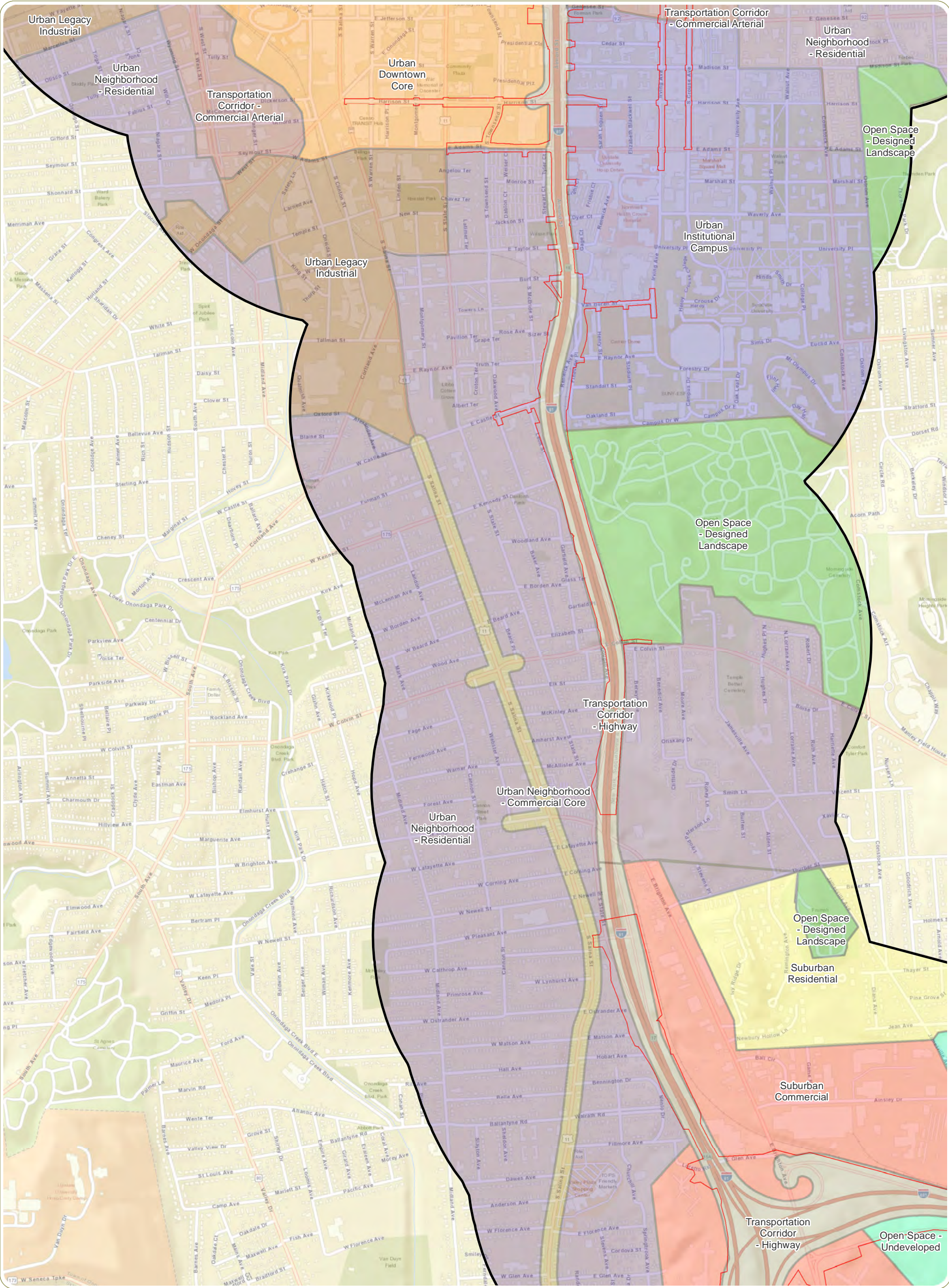
I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 2: Landscape Units
Sheet 3 of 12

2021
Notes:
1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Area of Visual Effect
- Limits of Disturbance for All Project Alternatives
- Landscape Units
 - Transportation Corridor - Highway

- Open Space - Designed Landscape
- Transportation Corridor - Commercial Arterial
- Urban Neighborhood - Residential





I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 2: Landscape Units
Sheet 4 of 12
2021
Notes:
1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Area of Visual Effect

Limits of Disturbance for All Project Alternatives

Landscape Units

Transportation Corridor - Highway

Open Space - Designed Landscape

Open Space - Undeveloped

Suburban Commercial
- Suburban Residential
- Transportation Corridor - Commercial Arterial
- Urban Downtown Core
- Urban Institutional Campus
- Urban Legacy Industrial
- Urban Neighborhood - Commercial
- Urban Neighborhood - Residential

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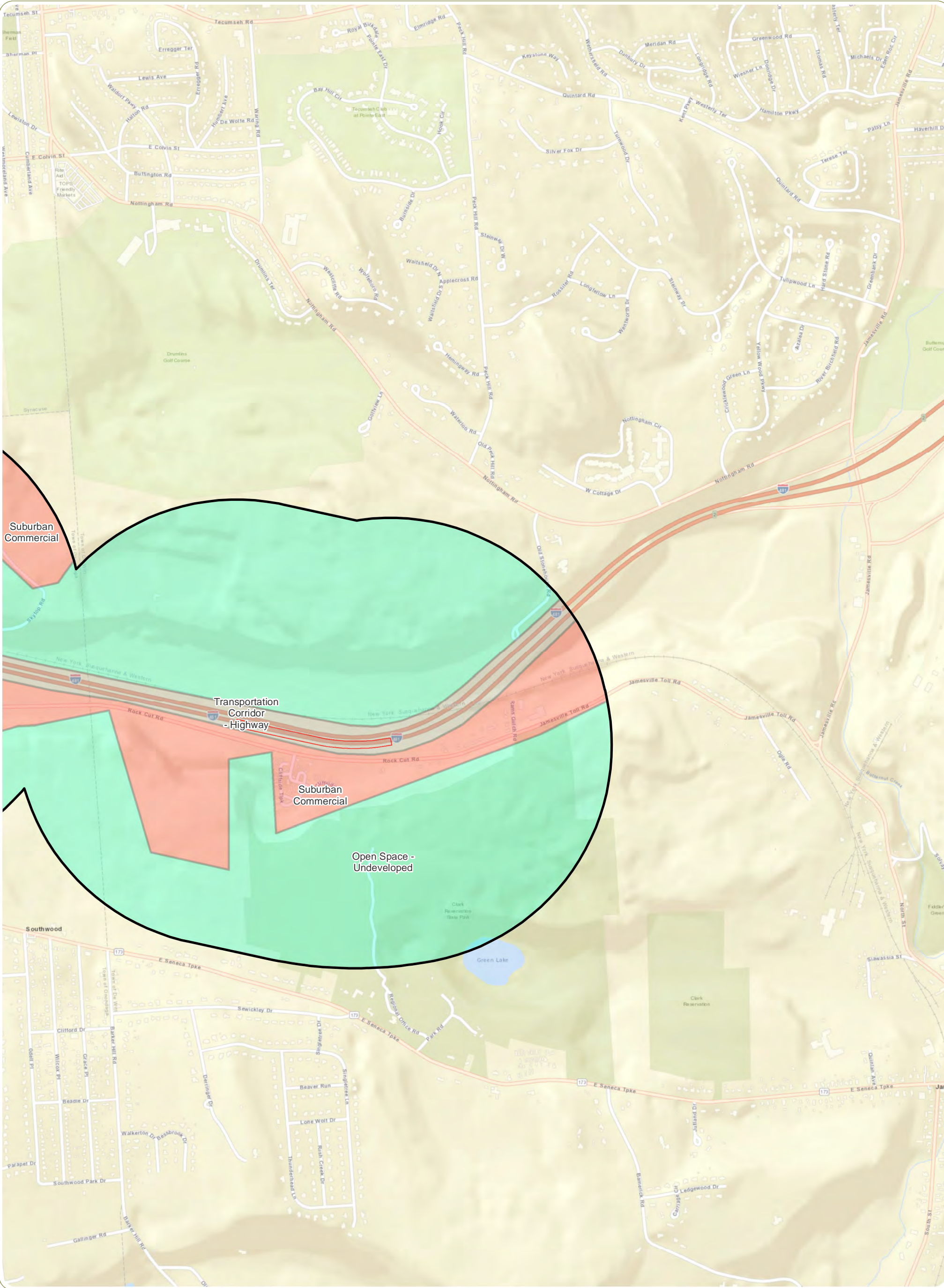
NEW YORK

STATE OF OPPORTUNITY

Department of Transportation

U.S. Department of Transportation

Federal Highway Administration



I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 2: Landscape Units
Sheet 6 of 12
2021
Notes:
1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Area of Visual Effect
- Limits of Disturbance for All Project Alternatives
- Landscape Units
- Transportation Corridor - Highway
- Open Space -
- Suburban

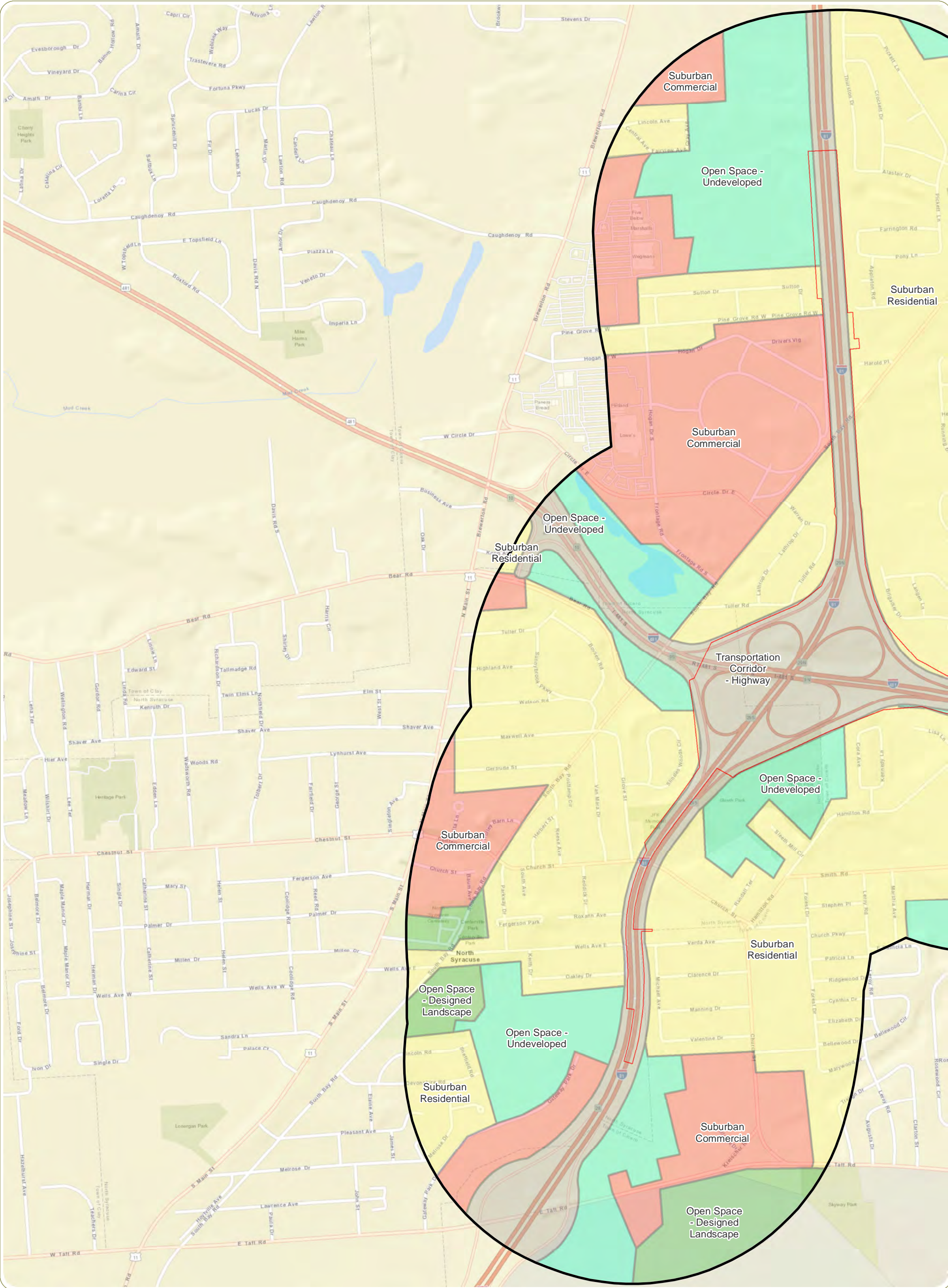
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Department of Transportation

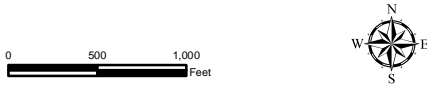
U.S. Department of Transportation
Federal Highway Administration

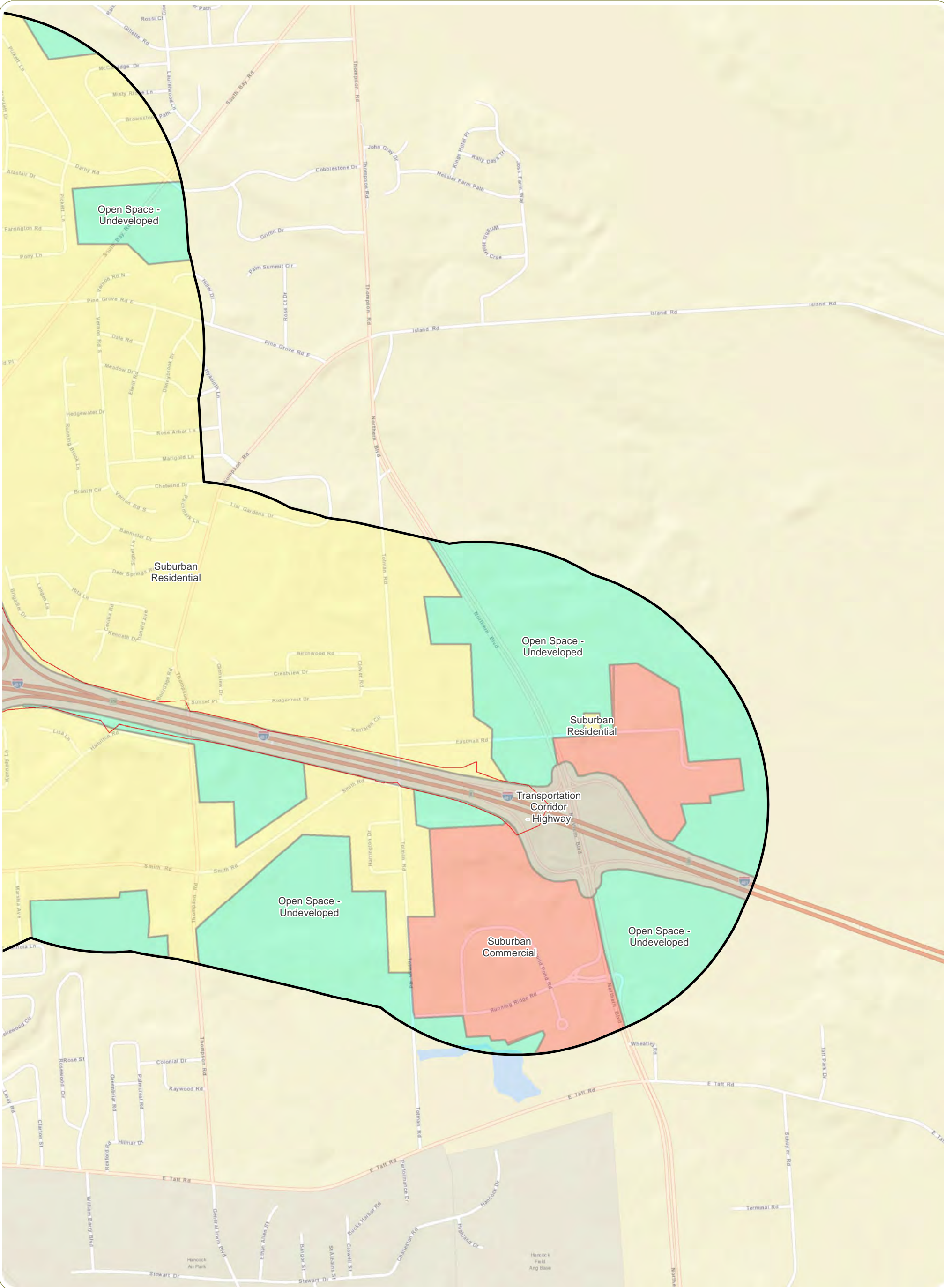


I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 2: Landscape Units
Sheet 7 of 12

2021
Notes:
1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Area of Visual Effect
- Limits of Disturbance for All Project Alternatives
- Landscape Units
 - Transportation Corridor - Highway
 - Open Space - Designed Landscape
 - Open Space - Undeveloped
 - Suburban Commercial
 - Suburban Residential





I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 2: Landscape Units
Sheet 8 of 12

2021
Notes:
1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

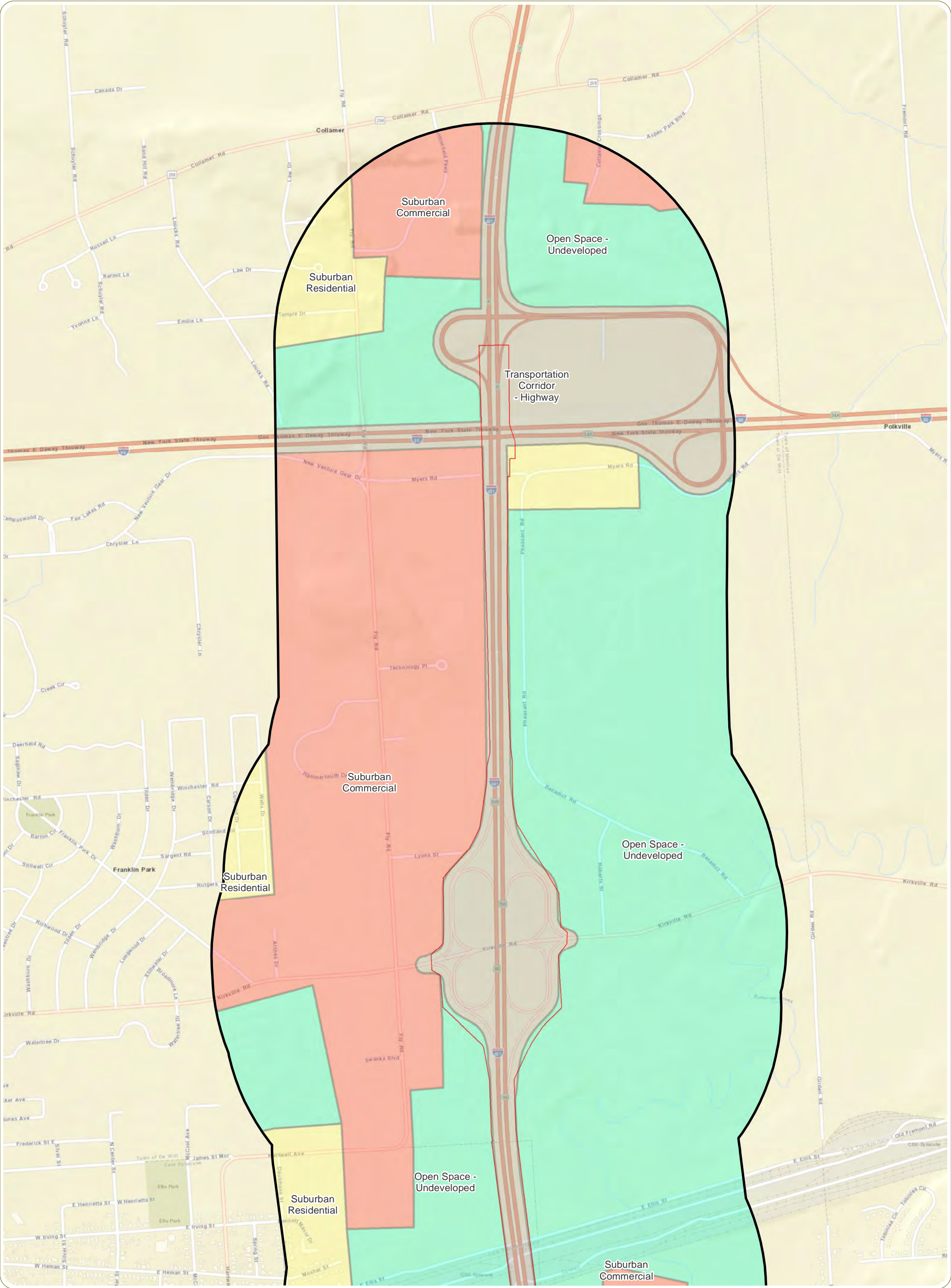
- Area of Visual Effect
- Limits of Disturbance for All Project Alternatives
- Landscape Units
- Transportation Corridor - Highway
- Open Space - Undeveloped
- Suburban Commercial
- Suburban Residential

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Department of Transportation

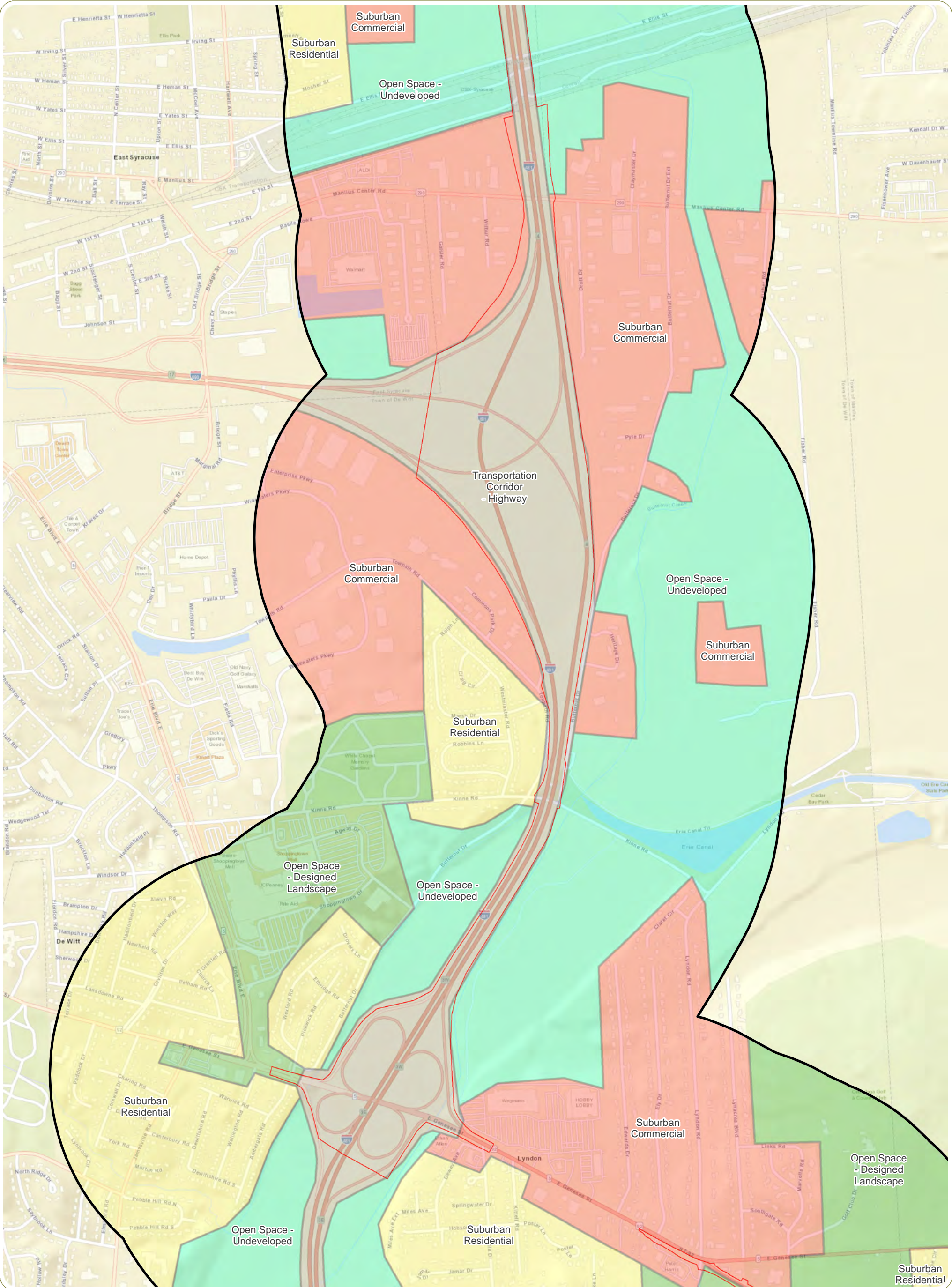
U.S. Department of Transportation
Federal Highway Administration



I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 2: Landscape Units
Sheet 9 of 12

2021
Notes:
1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- | | |
|--|-----------------------------------|
| Area of Visual Effect | Transportation Corridor - Highway |
| Limits of Disturbance for All Project Alternatives | Open Space - Undeveloped |
| | Suburban Commercial |
| | Suburban Residential |



I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 2: Landscape Units
Sheet 10 of 12

2021
Notes:
1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

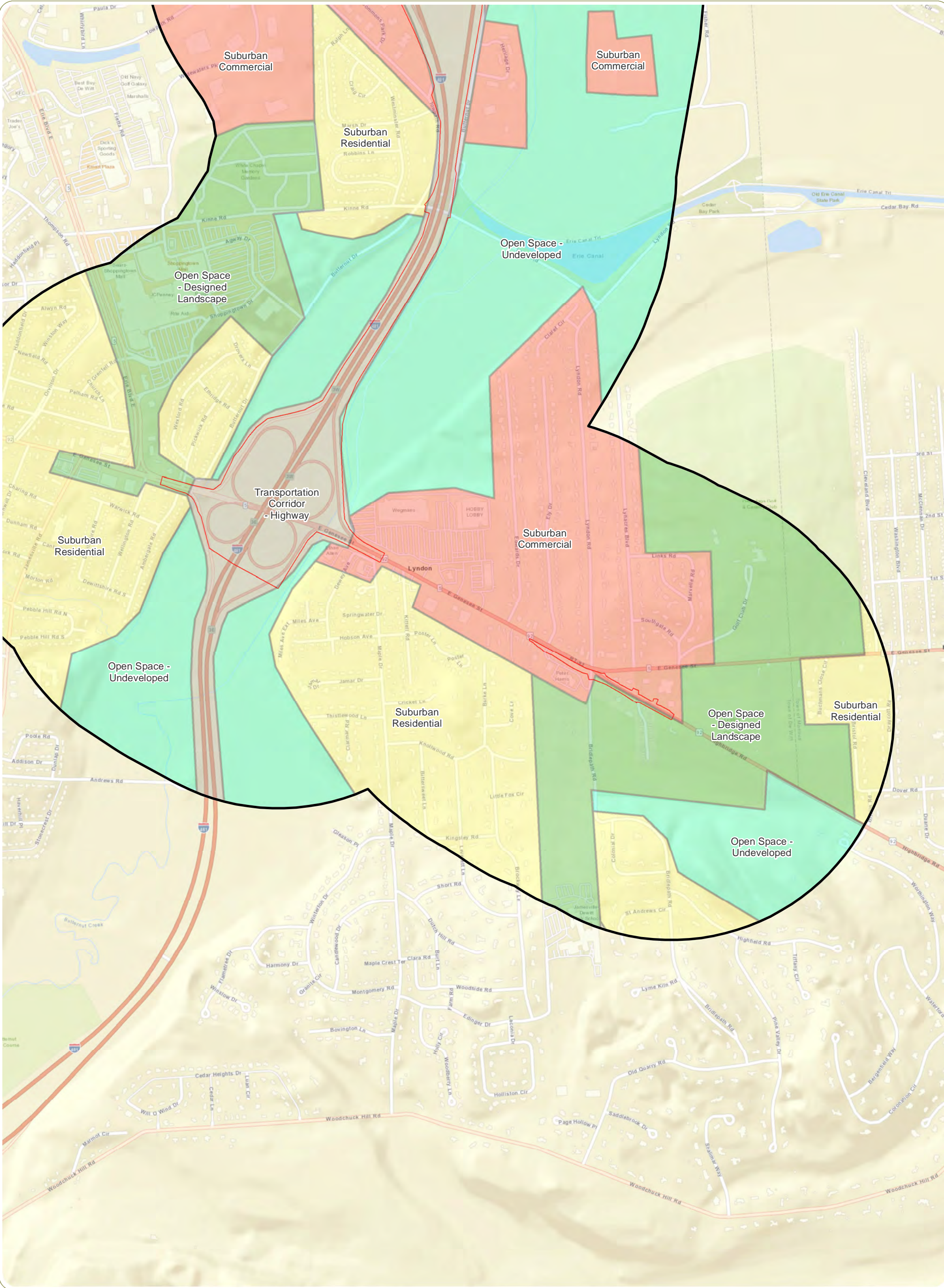
- Area of Visual Effect
- Limits of Disturbance for All Project Alternatives
- Landscape Units
 - Transportation Corridor - Highway
 - Open Space - Designed Landscape
 - Open Space - Undeveloped
 - Suburban Commercial
 - Suburban Residential

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STATE OF OPPORTUNITY

Department of Transportation

U.S. Department of Transportation
Federal Highway Administration

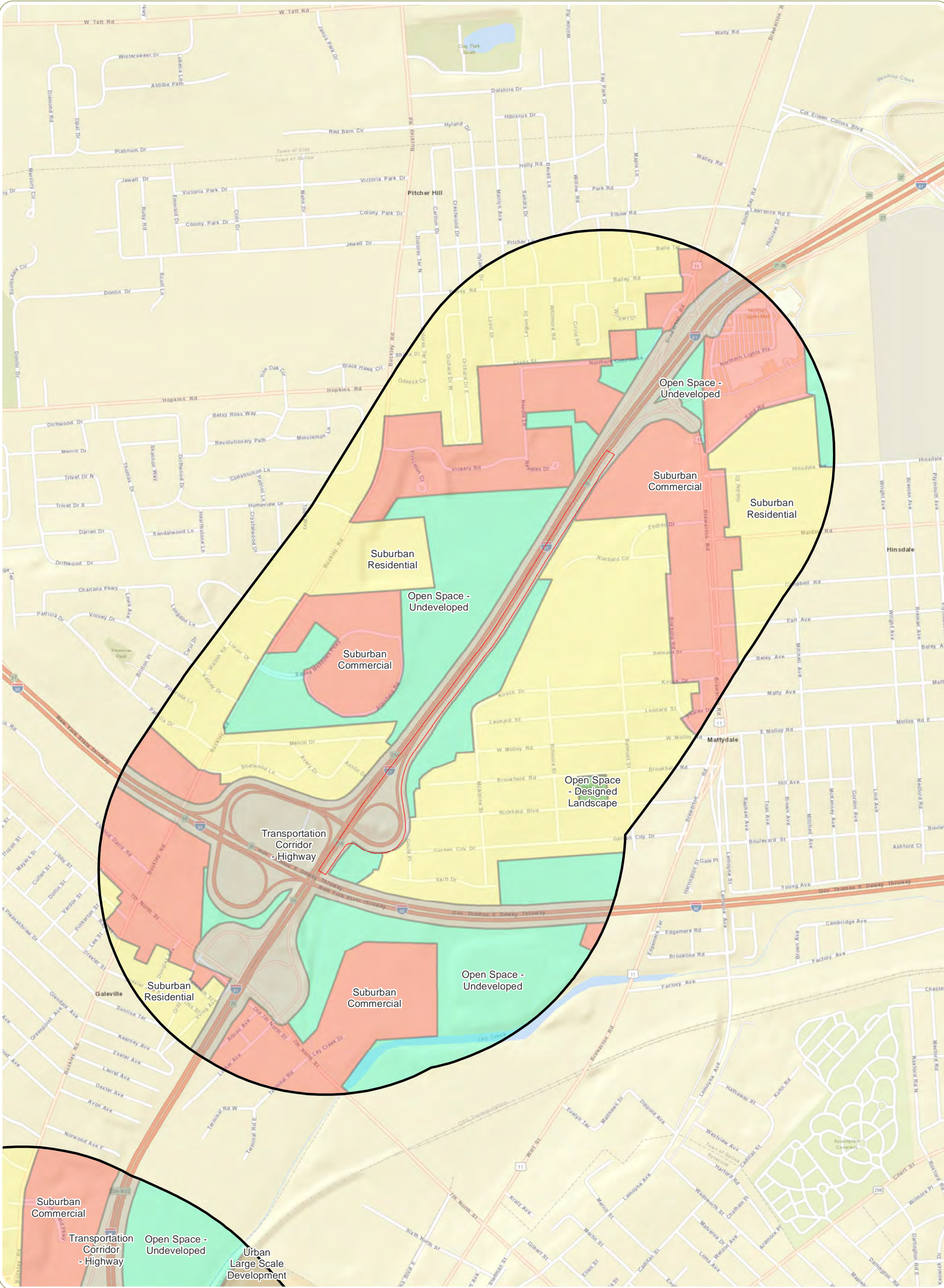


I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 2: Landscape Units
Sheet 11 of 12

2021
Notes:
1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
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- Area of Visual Effect
- Limits of Disturbance for All Project Alternatives
- Landscape Units
 - Transportation Corridor - Highway
 - Open Space - Designed Landscape
 - Open Space - Undeveloped
 - Suburban Commercial
 - Suburban Residential

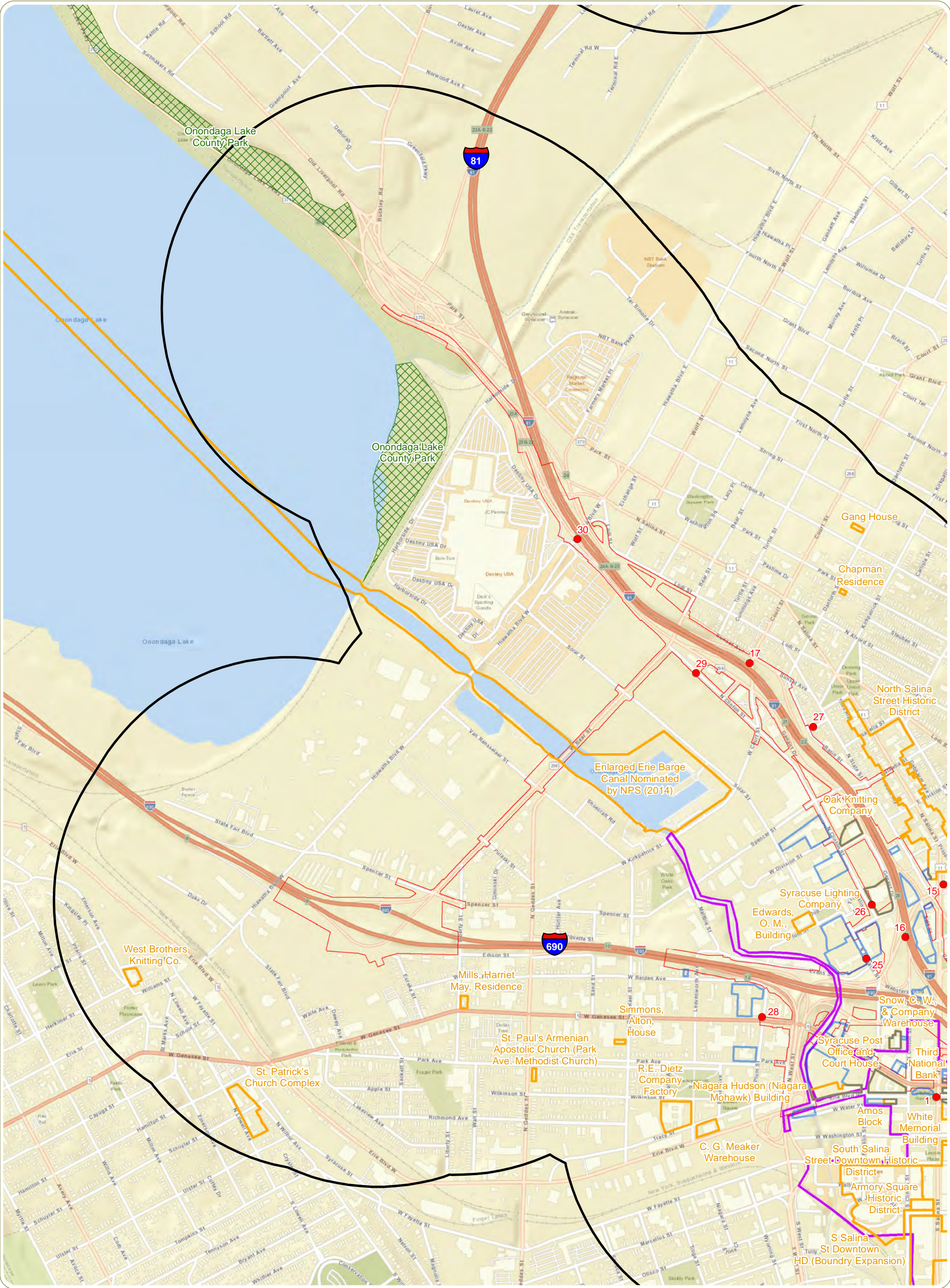




I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 2: Landscape Units
Sheet 12 of 12
2021
Notes:
1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
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- Area of Visual Effect**
Limits of Disturbance for All Project Alternatives
Landscape Units
Transportation Corridor - Highway
- Open Space - Designed Landscape
Open Space - Undeveloped
Suburban Commercial
Suburban Residential
Urban Large Scale Development

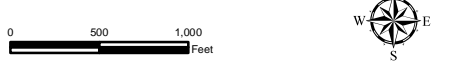


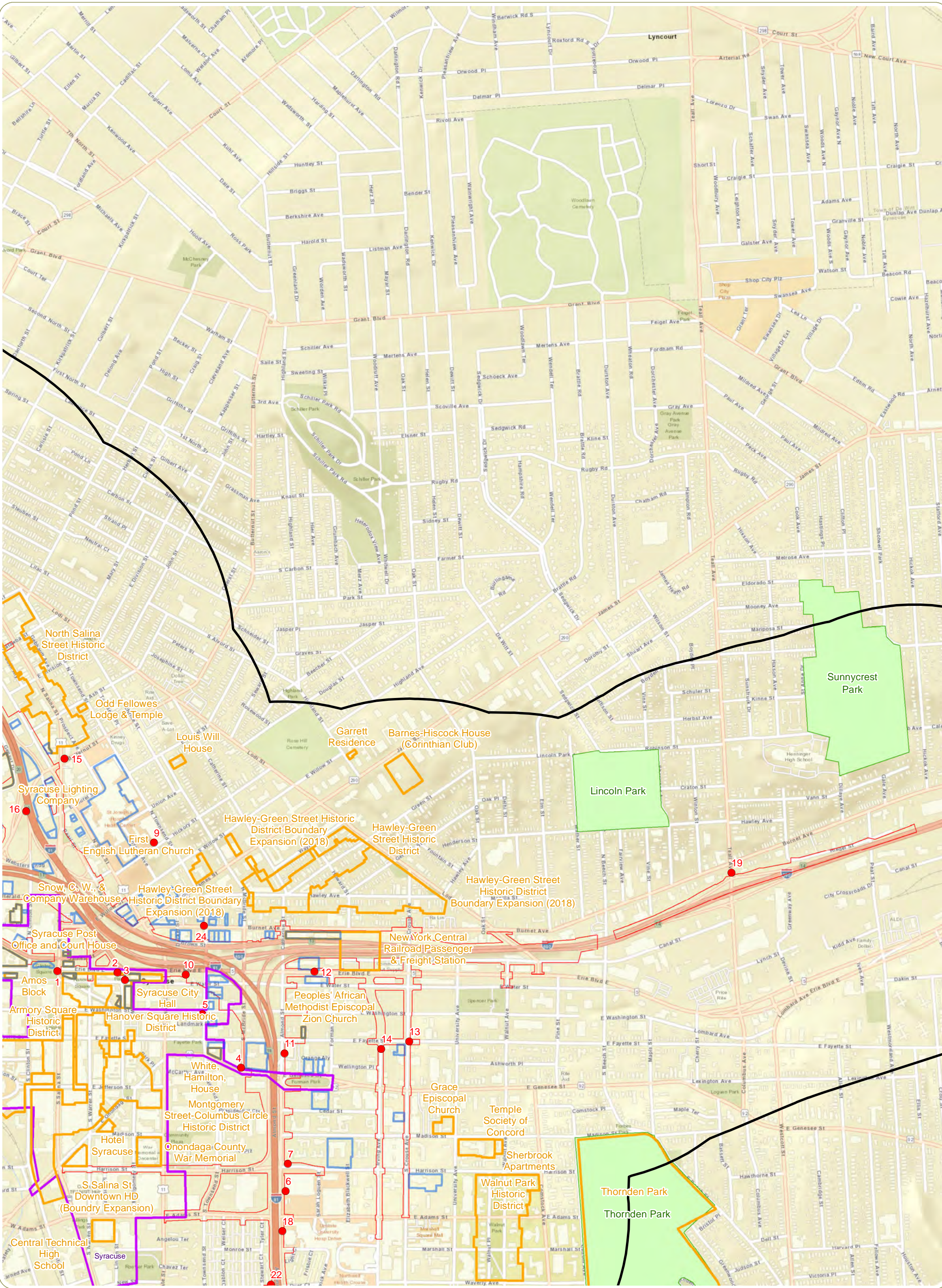


I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 3: Visually Sensitive Resources
Sheet 1 of 12

2021
Notes: 1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Viewpoint Selected for Simulation
- NRHP-Listed Site
- NRHP-Eligible Site
- Urban Heritage Area
- Slate Park
- County Park
- Local Parks
- Limits of Disturbance for All Project Alternatives
- Area of Visual Effect

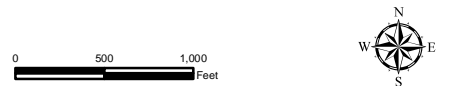


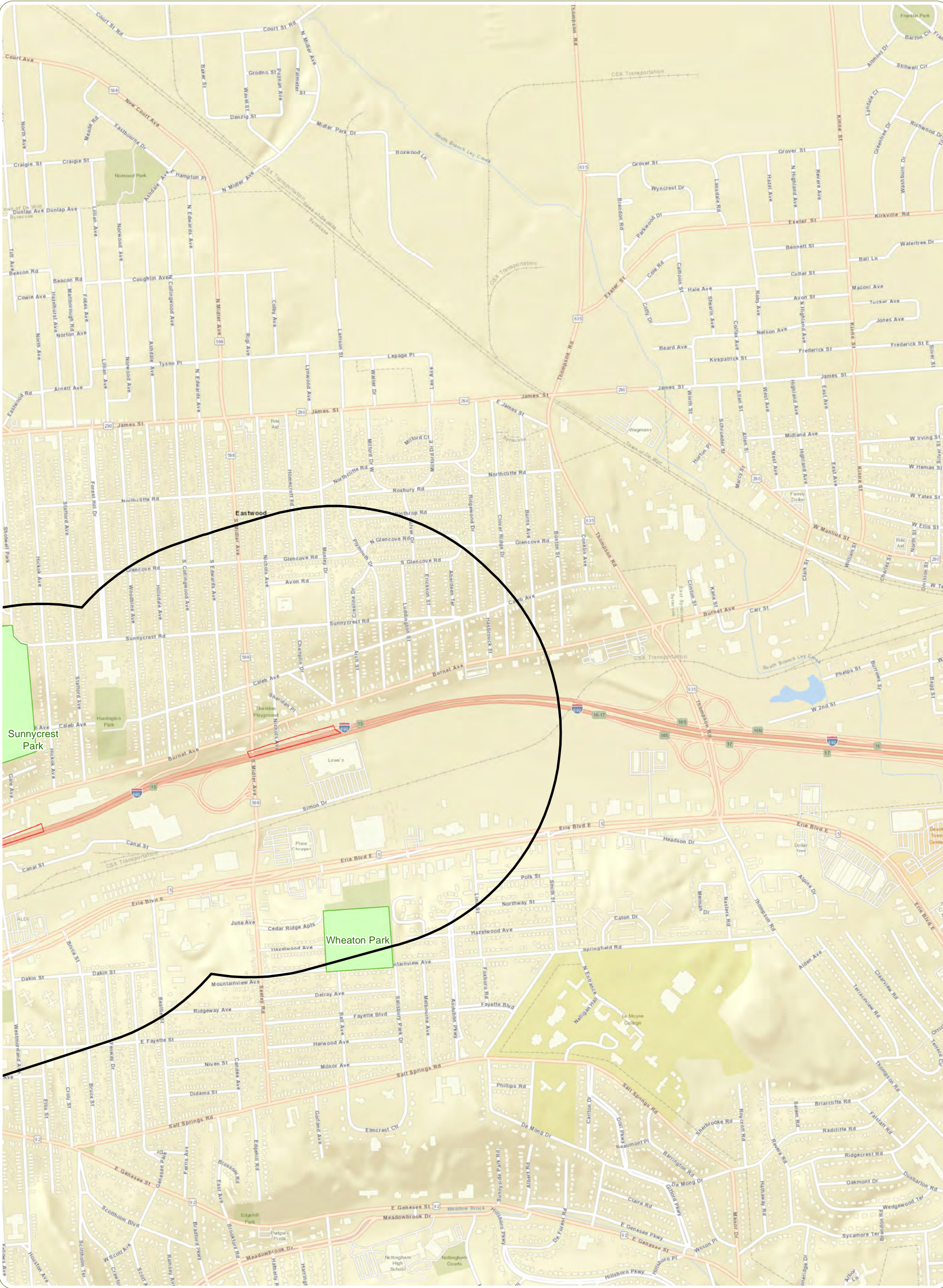


I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 3: Visually Sensitive Resources
Sheet 2 of 12

2021
Notes: 1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
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- Viewpoint Selected for Simulation
- NRHP-Listed Site
- NRHP-Eligible Site
- Urban Heritage Area
- Slate Park
- County Park
- Local Parks
- Limits of Disturbance for All Project Alternatives
- Area of Visual Effect

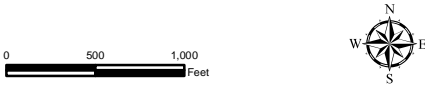


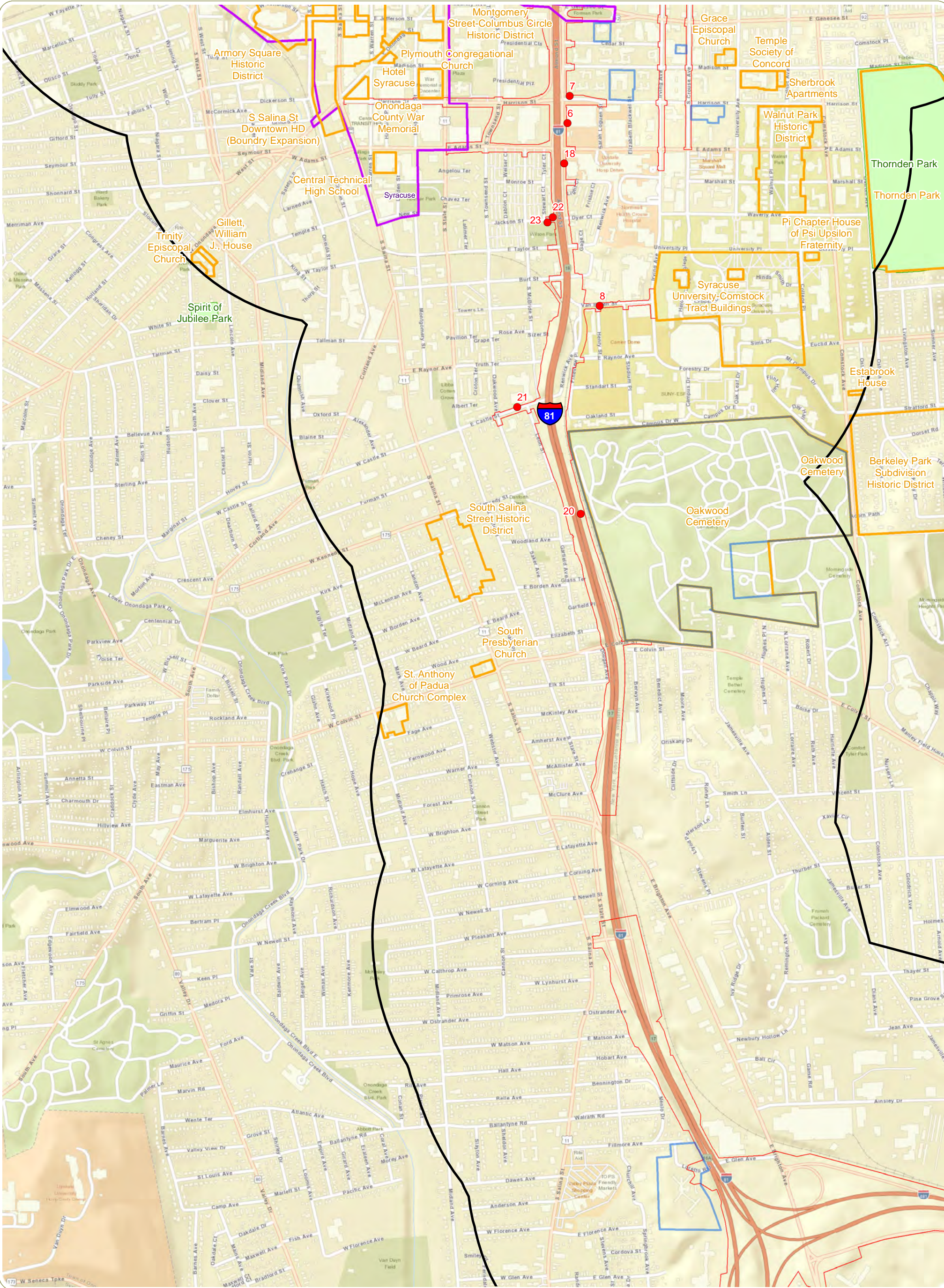


I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 3: Visually Sensitive Resources
Sheet 3 of 12

2021
Notes: 1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
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- Viewpoint Selected for Simulation
- ▭ Limits of Disturbance for All Project Alternatives
- ▭ Area of Visual Effect
- ▭ NRHP-Listed Site
- ▭ NRHP-Eligible Site
- ▭ Urban Heritage Area
- ▭ Slate Park
- ▭ County Park
- ▭ Local Parks

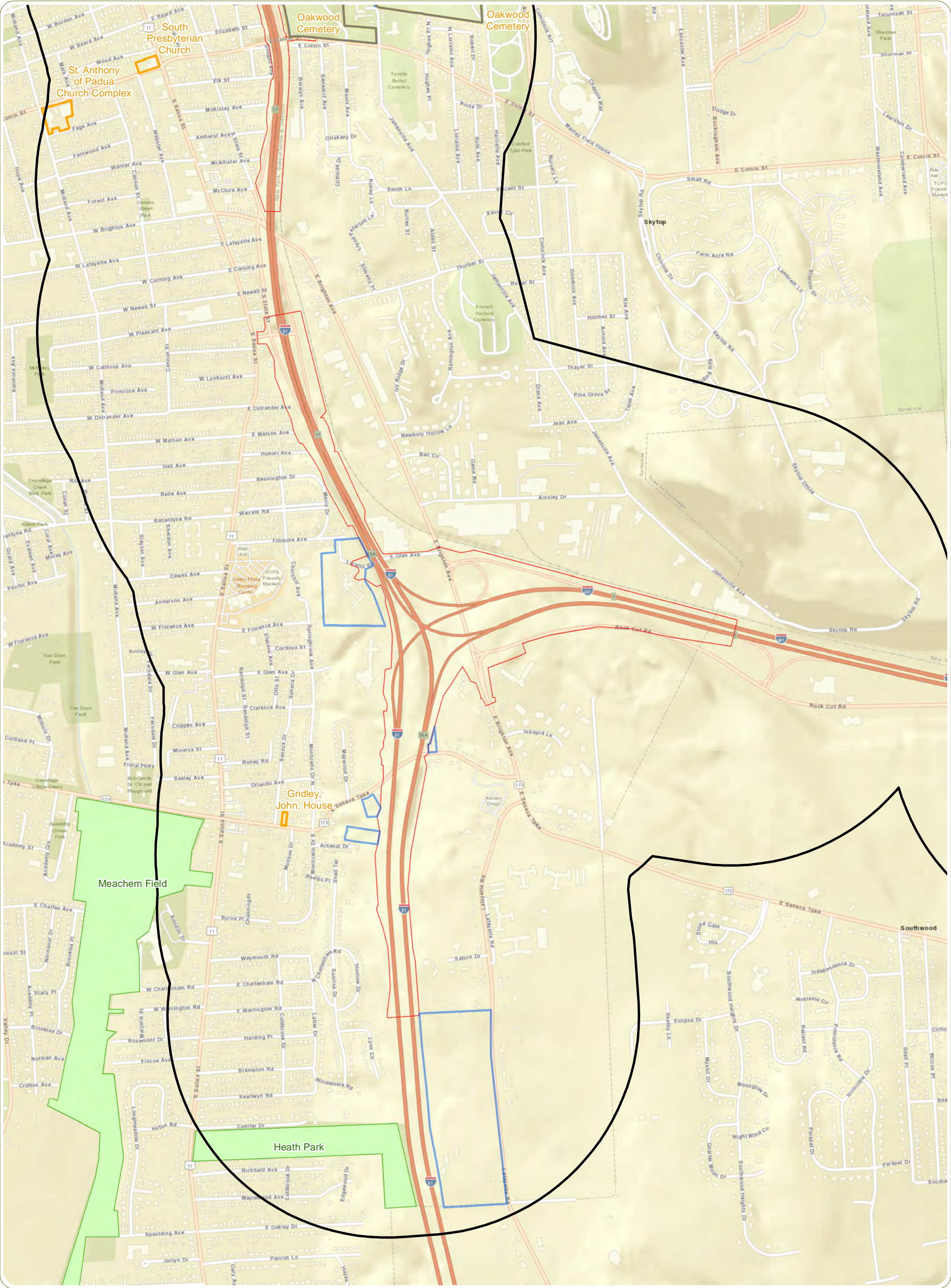




I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 3: Visually Sensitive Resources
Sheet 4 of 12

2021
Notes: 1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
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I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 3: Visually Sensitive Resources
Sheet 5 of 12

2021
Notes: 1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
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- Viewpoint Selected for Simulation
- NRHP-Listed Site
- NRHP-Eligible Site
- Urban Heritage Area
- State Park
- ▨ County Park
- Local Parks
- Limits of Disturbance for All Project Alternatives
- Area of Visual Effect

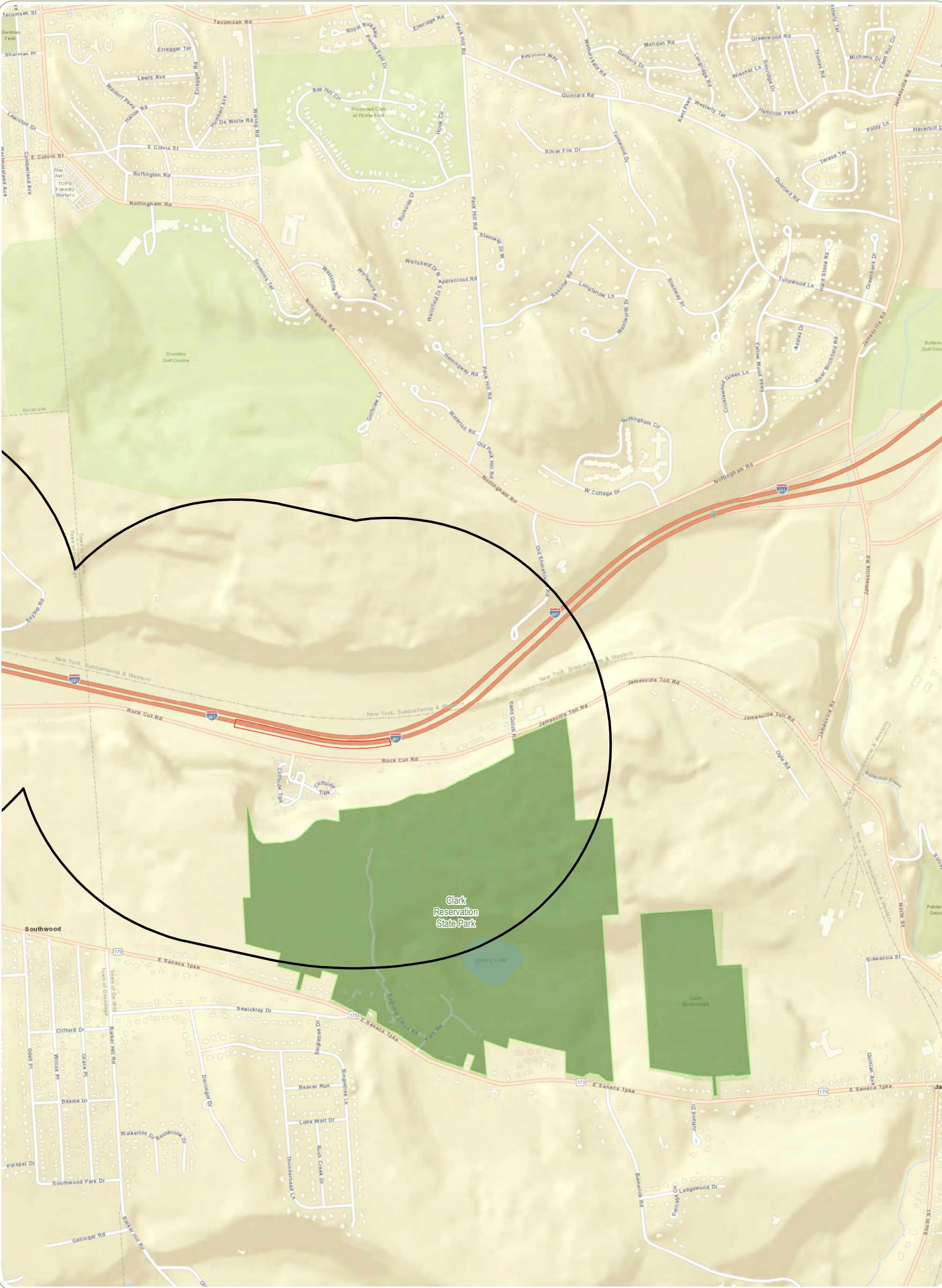
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Department of Transportation



U.S. Department of Transportation
Federal Highway Administration



I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 3: Visually Sensitive Resources
Sheet 6 of 12

2021
Notes: 1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
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- Viewpoint Selected for Simulation
- ▭ NRHP-Listed Site
- ▭ NRHP-Eligible Site
- ▭ Urban Heritage Area
- ▭ State Park
- ▭ County Park
- ▭ Local Parks
- ▭ Limits of Disturbance for All Project Alternatives
- ▭ Area of Visual Effect

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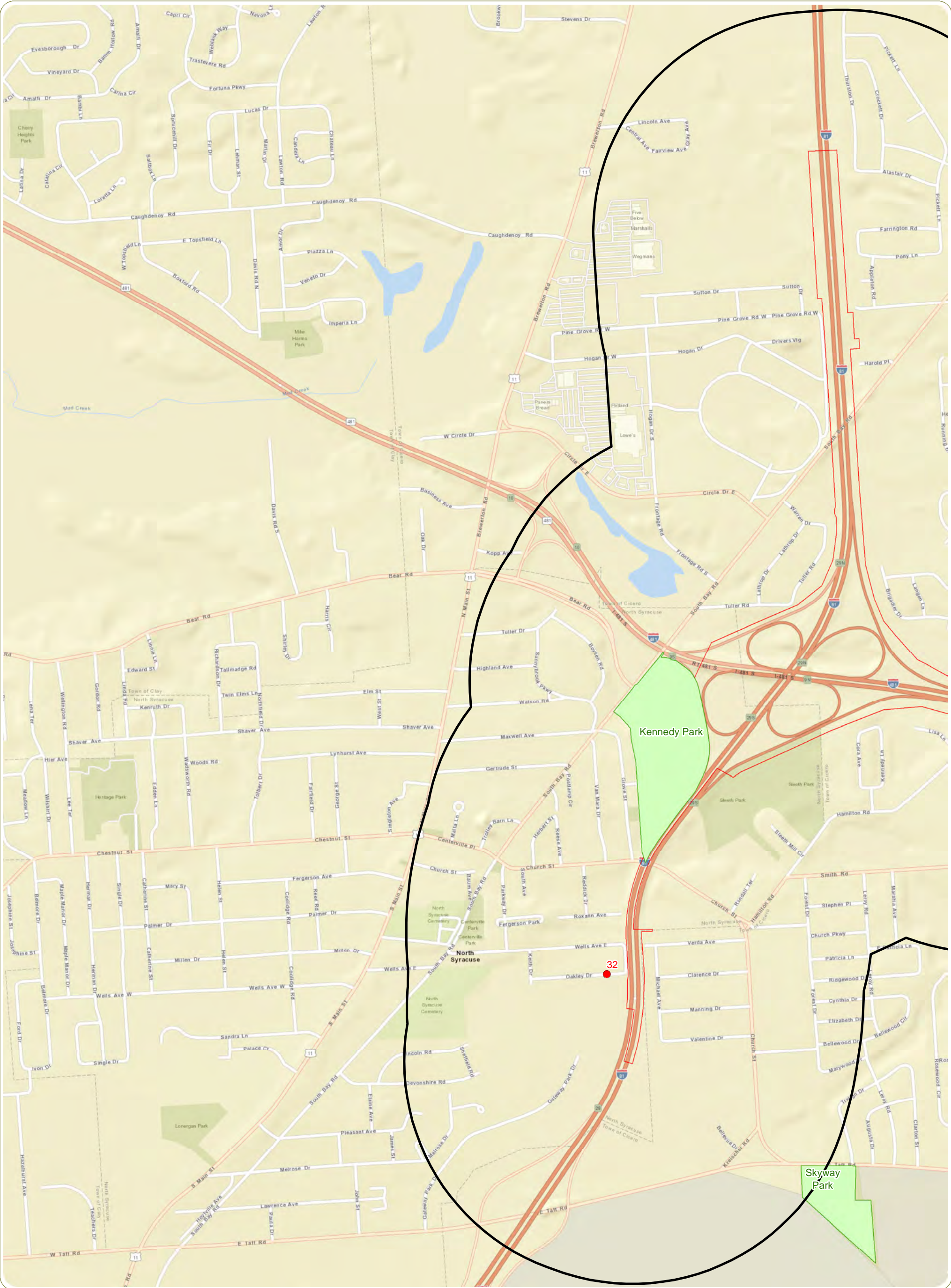
STATE OF

OPPORTUNITY

Department of
Transportation

U.S. Department of Transportation

Federal Highway Administration

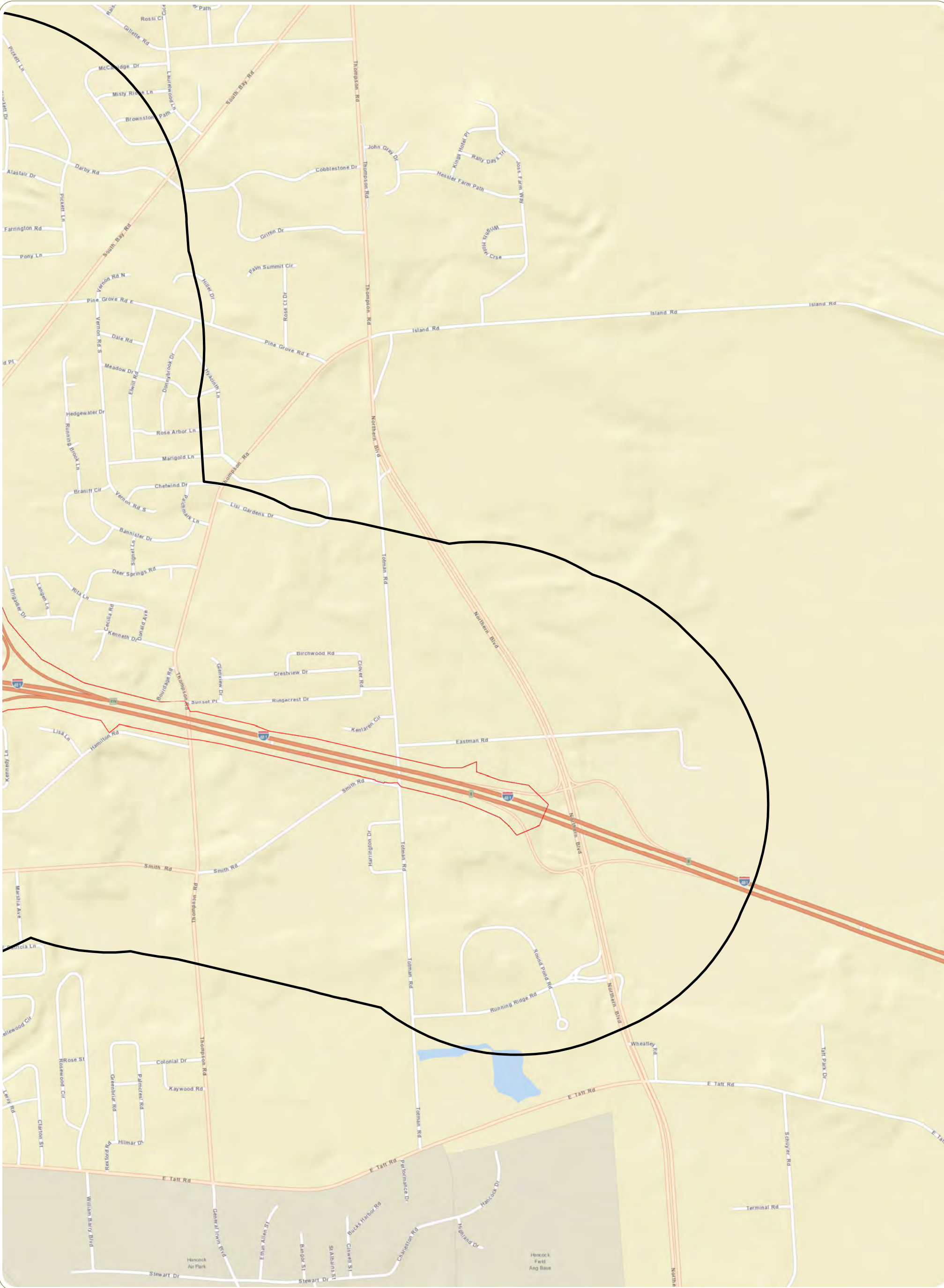


I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 3: Visually Sensitive Resources
Sheet 7 of 12

2021
Notes: 1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
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- Viewpoint Selected for Simulation
- ▭ NRHP-Listed Site
- ▭ NRHP-Eligible Site
- ▭ Urban Heritage Area
- ▭ State Park
- ▭ County Park
- ▭ Local Parks
- ▭ Limits of Disturbance for All Project Alternatives
- ▭ Area of Visual Effect

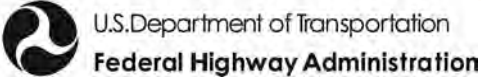
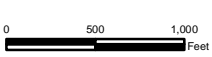


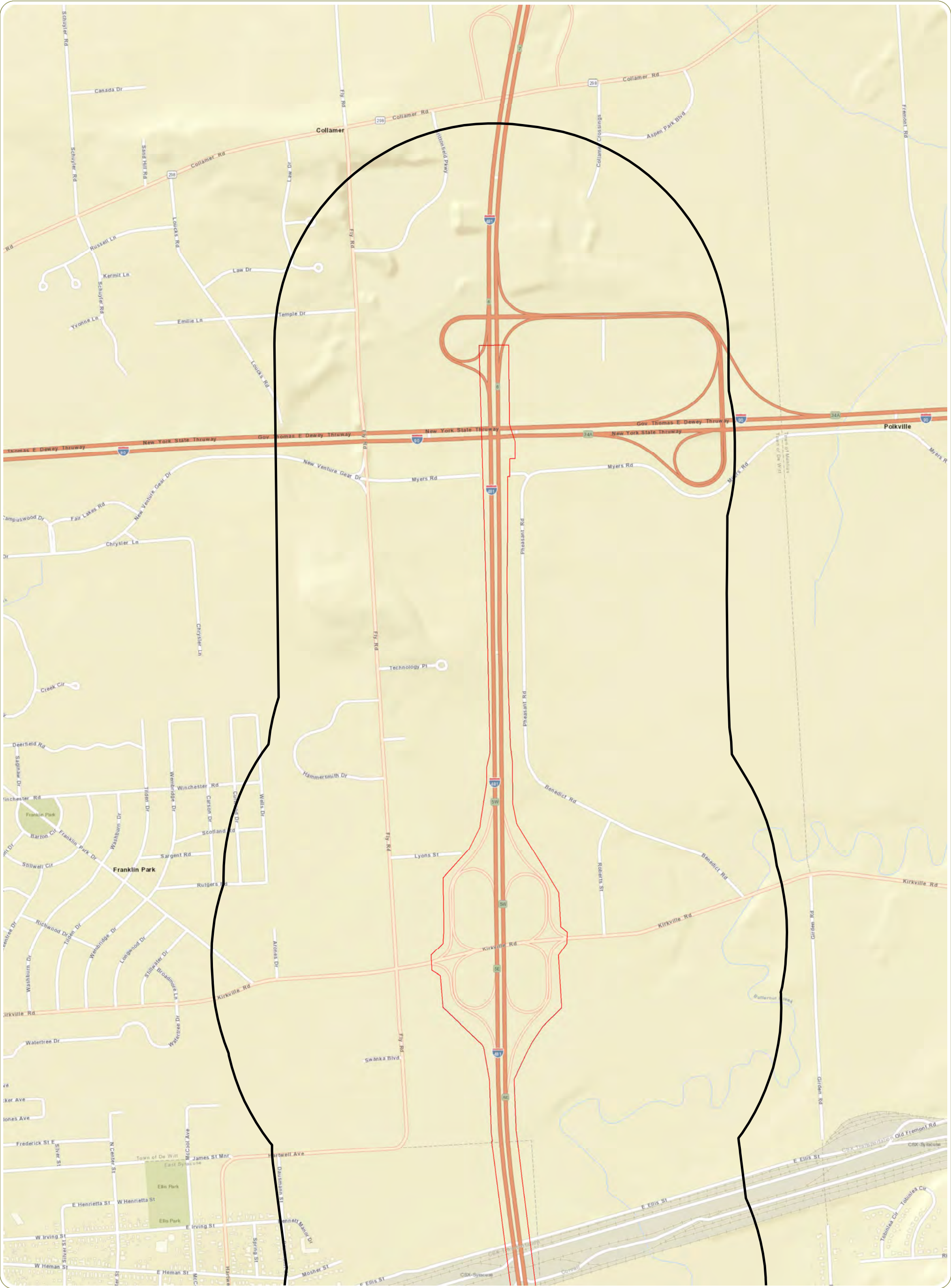


I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 3: Visually Sensitive Resources
Sheet 8 of 12

2021
Notes: 1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
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- Viewpoint Selected for Simulation
- ▭ Limits of Disturbance for All Project Alternatives
- ▭ Area of Visual Effect
- ▭ NRHP-Listed Site
- ▭ NRHP-Eligible Site
- ▭ Urban Heritage Area
- ▭ State Park
- ▭ County Park
- ▭ Local Parks





I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 3: Visually Sensitive Resources
Sheet 9 of 12

2021
Notes: 1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
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- Viewpoint Selected for Simulation
- ▭ Limits of Disturbance for All Project Alternatives
- ▭ Area of Visual Effect
- ▭ NRHP-Listed Site
- ▭ NRHP-Eligible Site
- ▭ Urban Heritage Area
- ▭ State Park
- ▭ County Park
- ▭ Local Parks

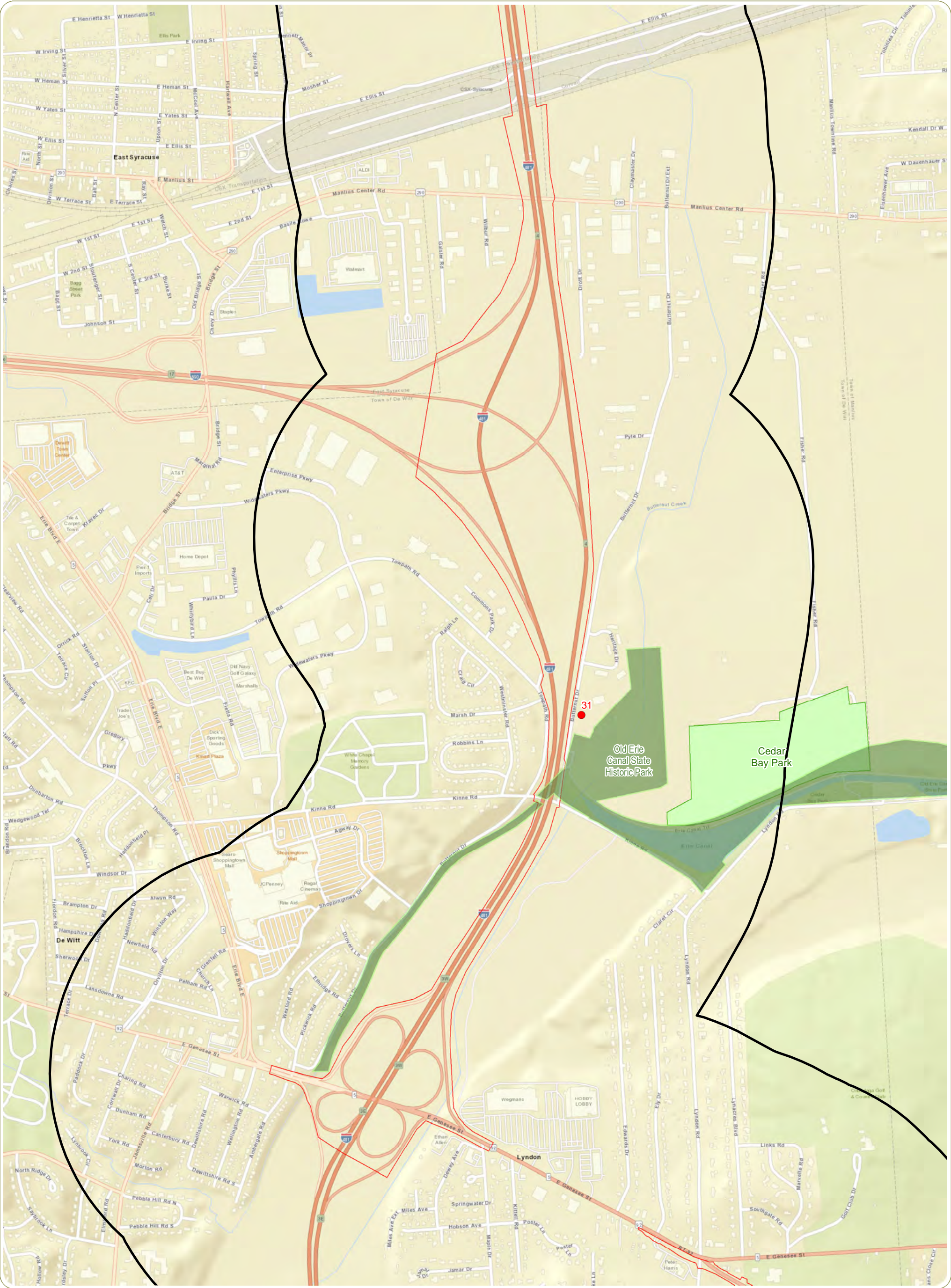
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U.S. Department of Transportation

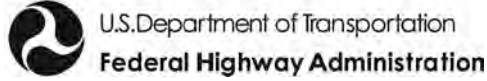
Federal Highway Administration

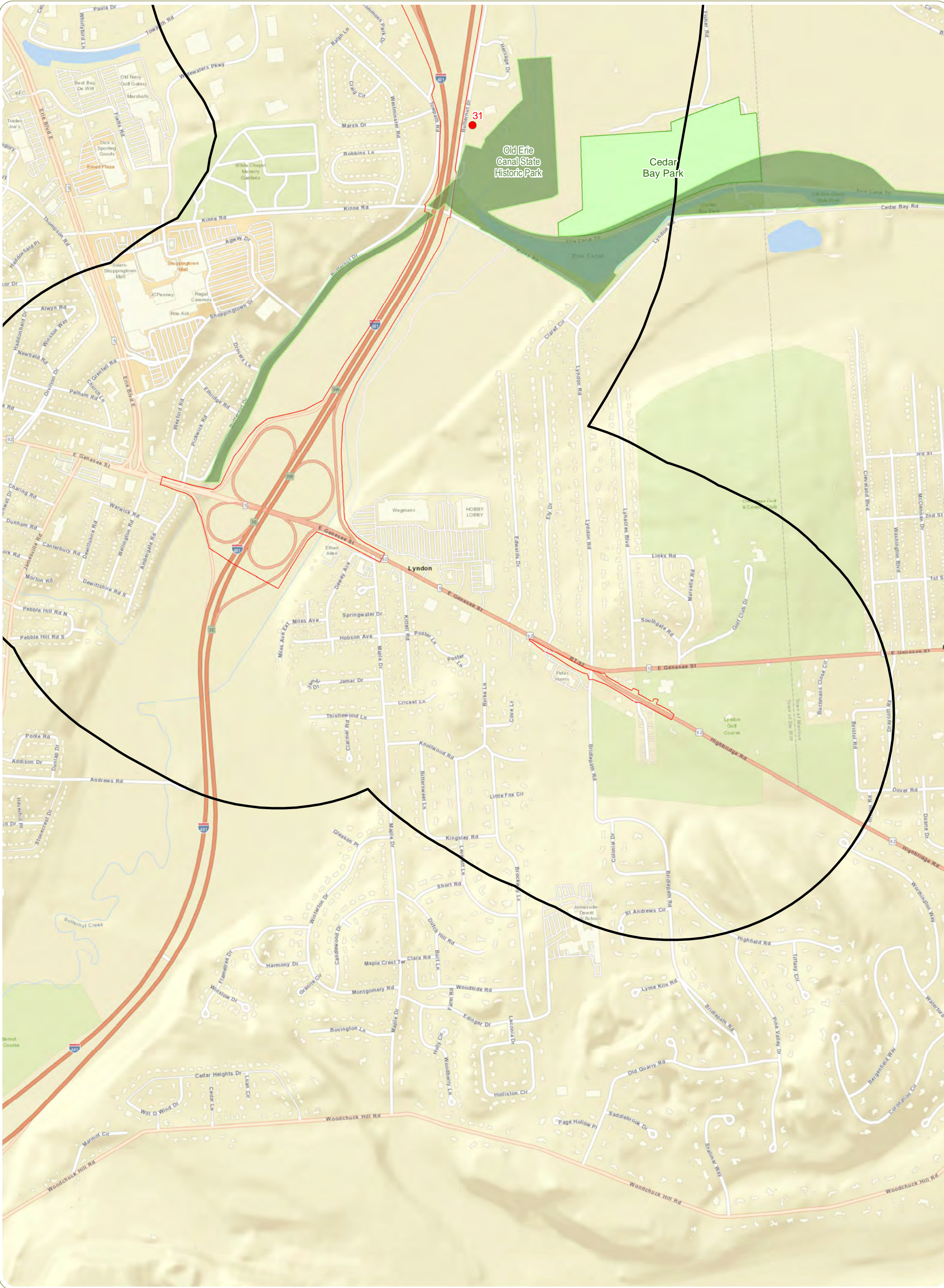


I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 3: Visually Sensitive Resources
Sheet 10 of 12

2021
Notes: 1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
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- Viewpoint Selected for Simulation
- ▭ Limits of Disturbance for All Project Alternatives
- ▭ Area of Visual Effect
- ▭ NRHP-Listed Site
- ▭ NRHP-Eligible Site
- ▭ Urban Heritage Area
- ▭ State Park
- ▭ County Park
- ▭ Local Parks



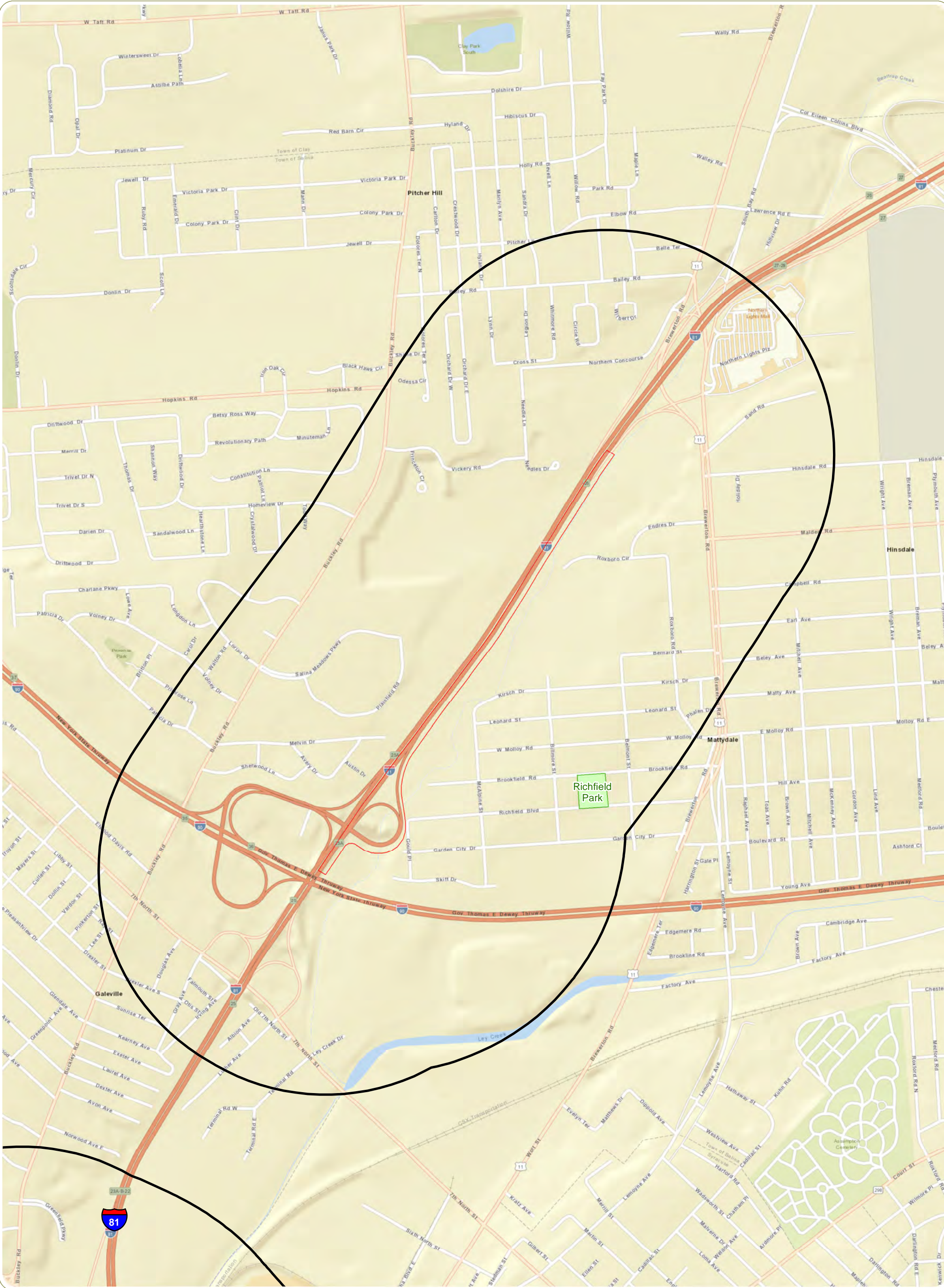


I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 3: Visually Sensitive Resources
Sheet 11 of 12

2021
Notes: 1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Viewpoint Selected for Simulation
- NRHP-Listed Site
- NRHP-Eligible Site
- Urban Heritage Area
- Slate Park
- County Park
- Local Parks
- Limits of Disturbance for All Project Alternatives
- Area of Visual Effect

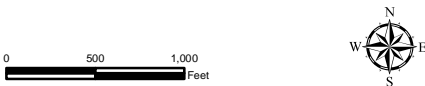


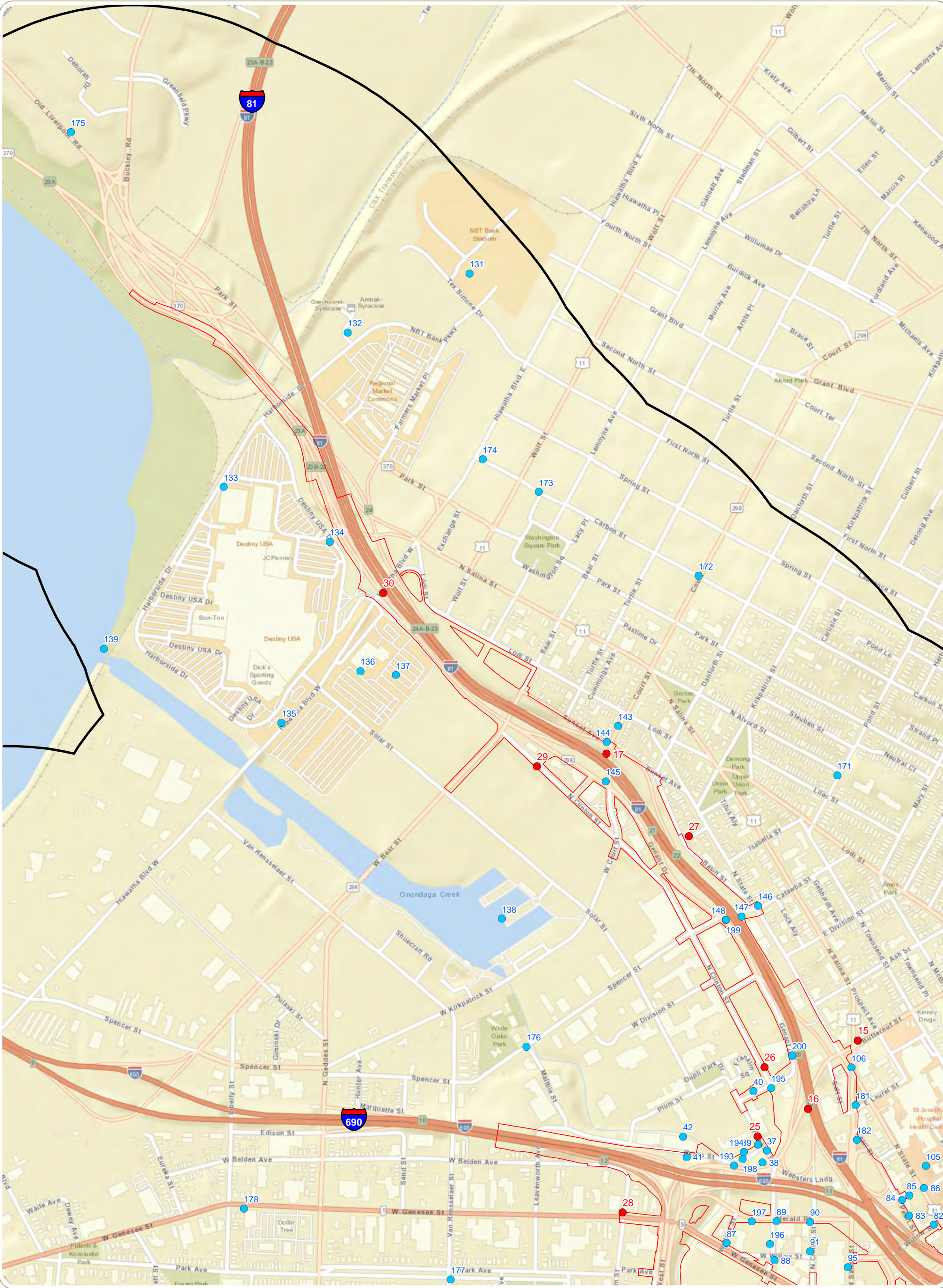


I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 3: Visually Sensitive Resources
Sheet 12 of 12

2021
Notes: 1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Viewpoint Selected for Simulation
- ▭ NRHP-Listed Site
- ▭ NRHP-Eligible Site
- ▭ Urban Heritage Area
- ▭ State Park
- ▭ County Park
- ▭ Local Parks
- ▭ Limits of Disturbance for All Project Alternatives
- ▭ Area of Visual Effect



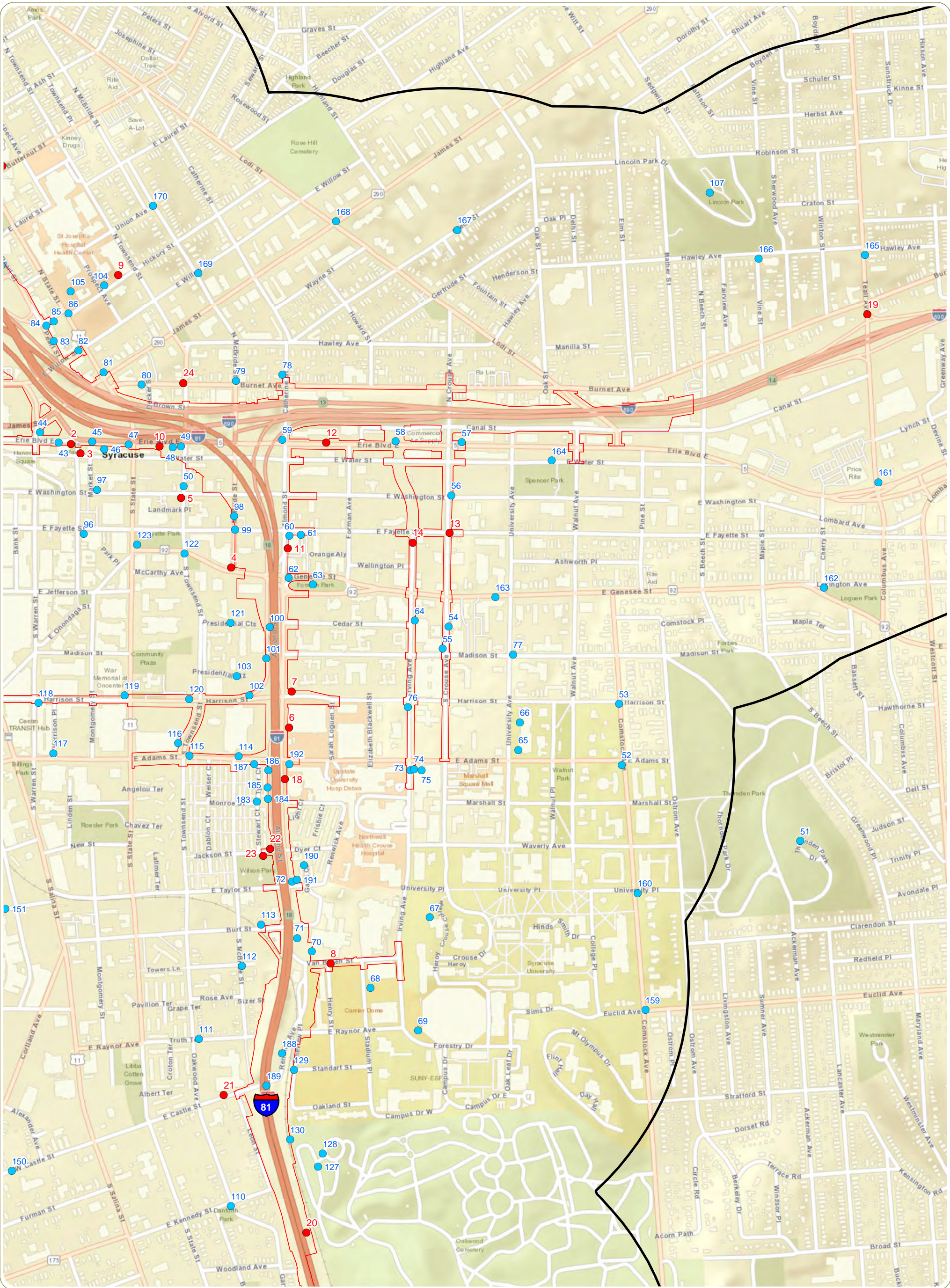


I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 4: Viewpoint Location Map
Sheet 1 of 6

2020
Notes: 1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Viewpoint Selected for Simulation
- Viewpoint
- ▭ Limits of Disturbance for All Project Alternatives
- ▭ Area of Visual Effect

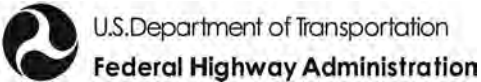


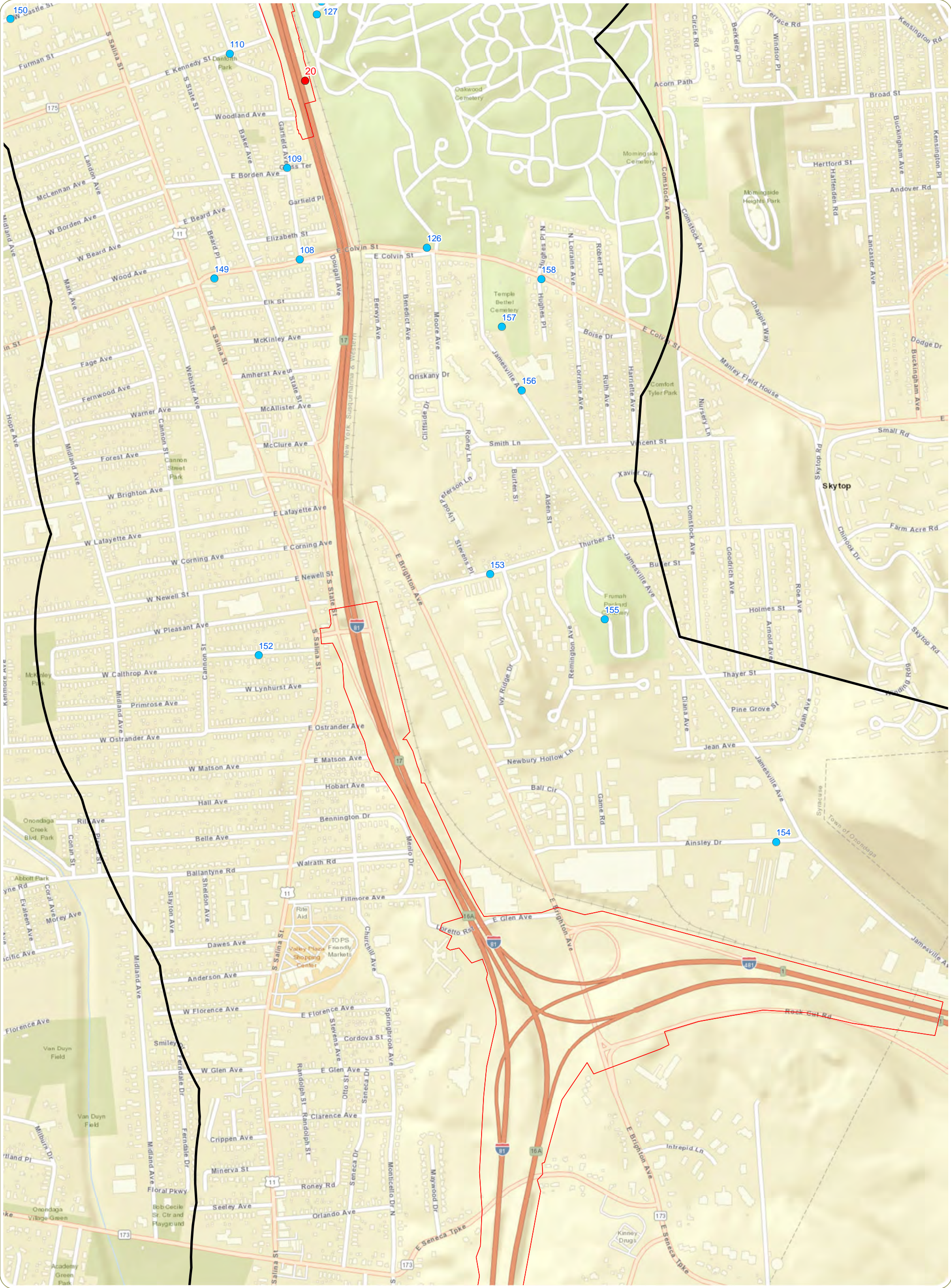


I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 4: Viewpoint Location Map
Sheet 2 of 6

2020
Notes: 1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Viewpoint Selected for Simulation
- Viewpoint
- Limits of Disturbance for All Project Alternatives
- Area of Visual Effect



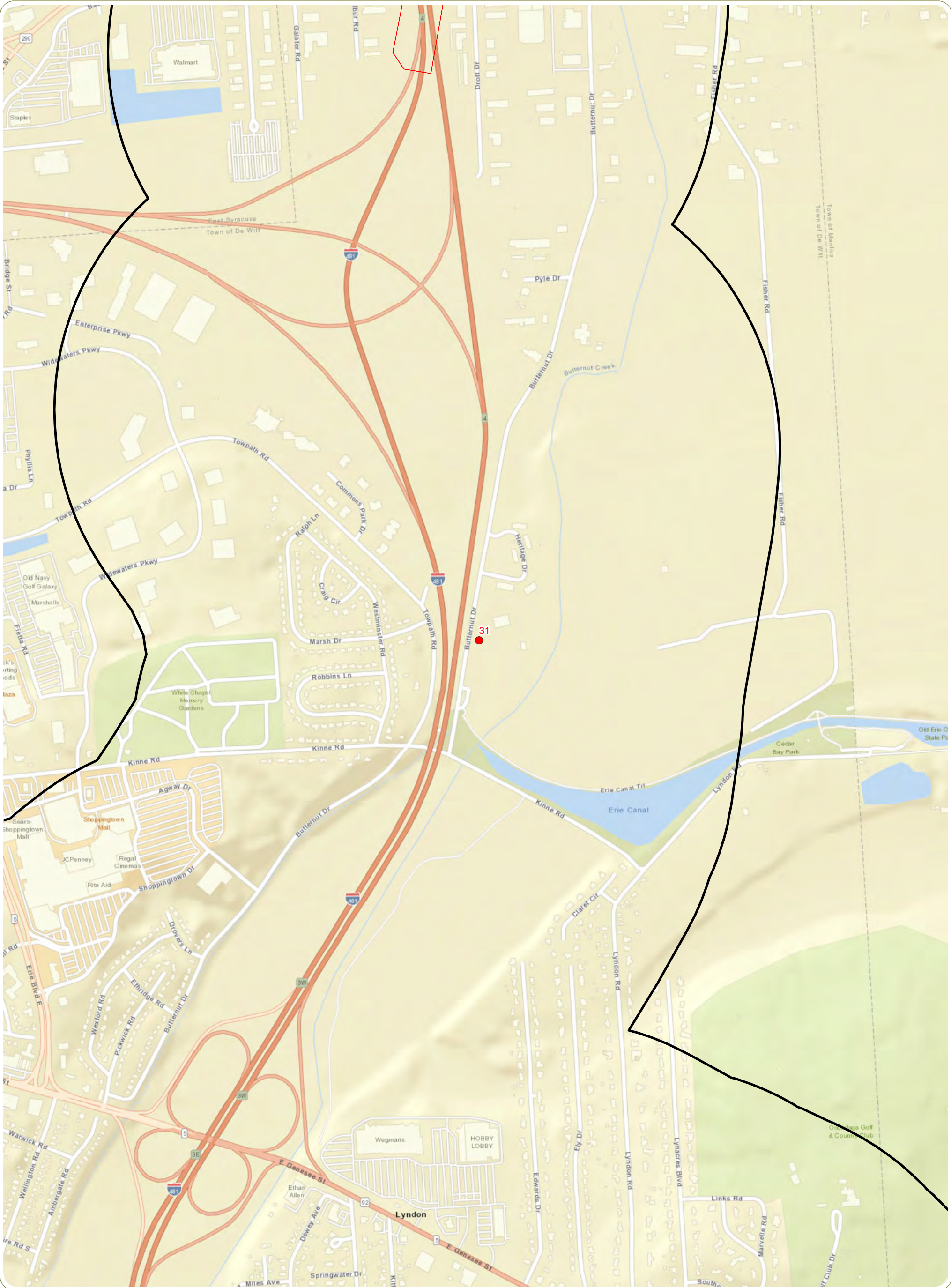


I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 4: Viewpoint Location Map
Sheet 4 of 6

2020
Notes: 1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Viewpoint Selected for Simulation
- Viewpoint
- Limits of Disturbance for All Project Alternatives
- Area of Visual Effect



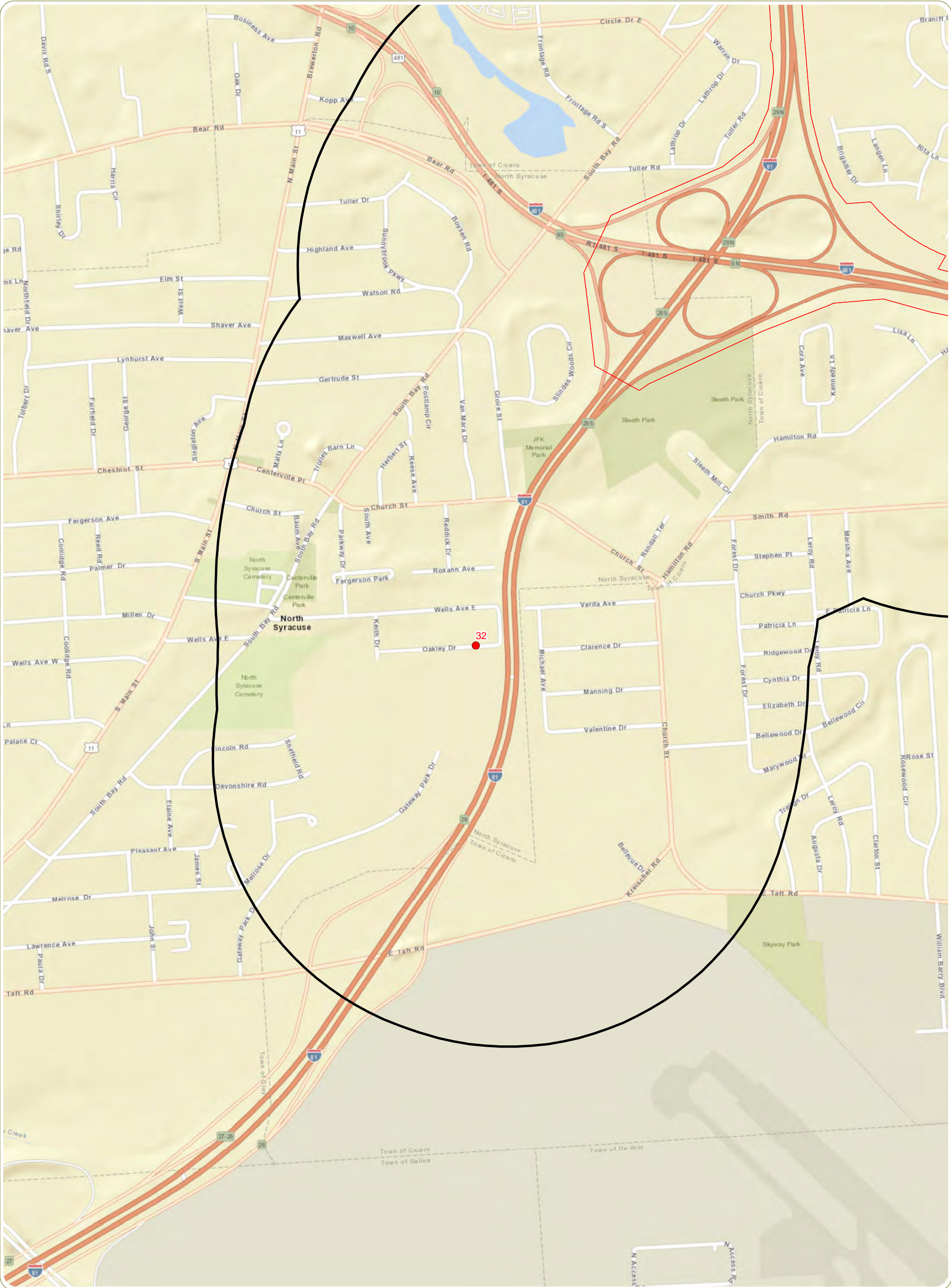


I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 4: Viewpoint Location Map
Sheet 5 of 6

2020
Notes: 1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Viewpoint Selected for Simulation
- Viewpoint
- Limits of Disturbance for All Project Alternatives
- Area of Visual Effect



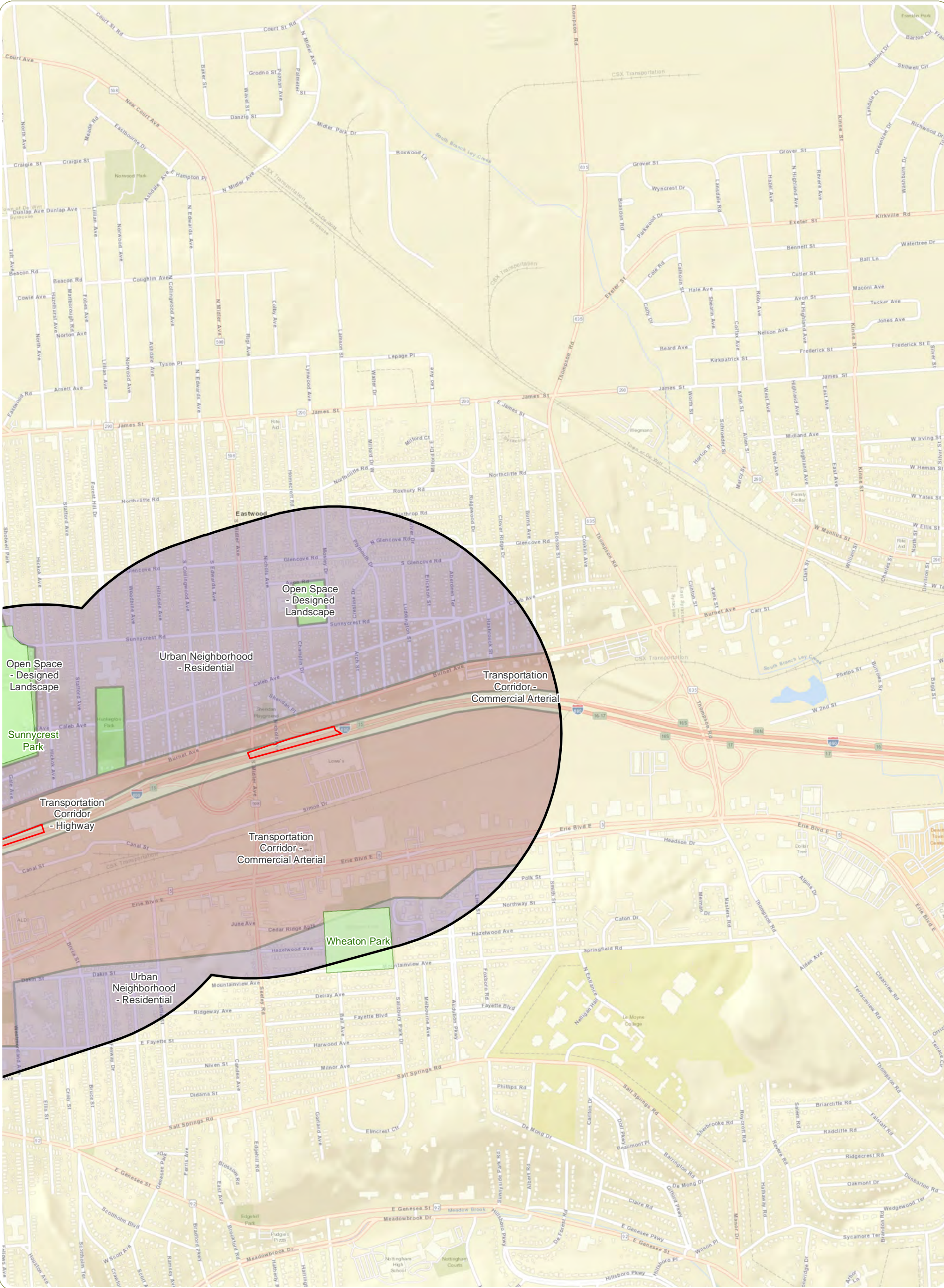


I-81 Viaduct Project
Onondaga County, New York
Attachment A - Map 4: Viewpoint Location Map
Sheet 6 of 6

2020
Notes: 1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
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- Viewpoint Selected for Simulation
- Viewpoint
- Limits of Disturbance for All Project Alternatives
- Area of Visual Effect

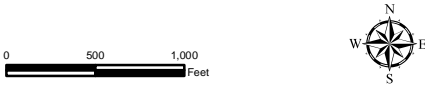


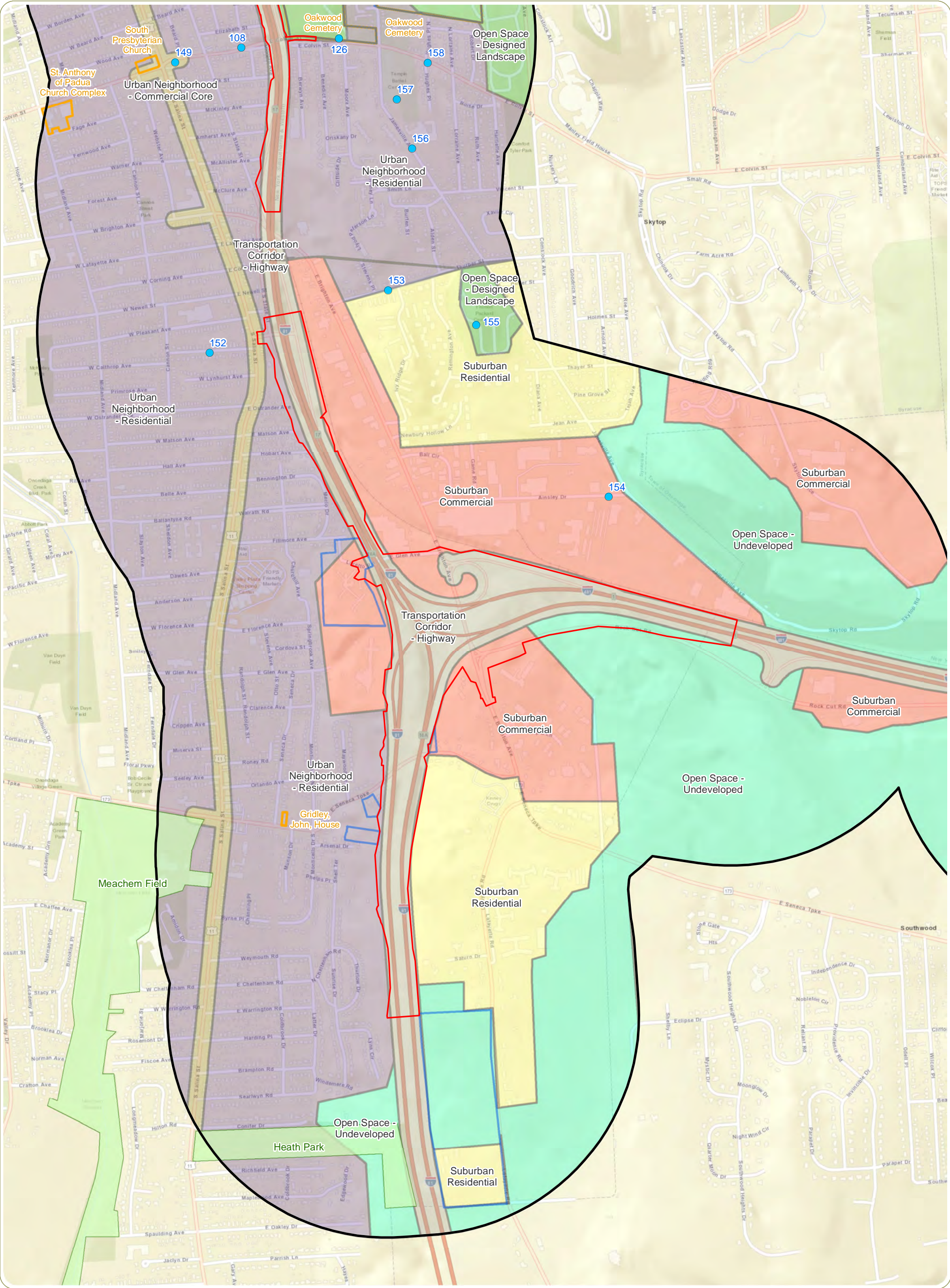


I-81 Viaduct Project
Onondaga County, New York
Appendix A - Map 5: Visual Impact Assessment
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2021
Notes:
1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Local Parks
- Landscape Unit
- Limits of Disturbance for All Project Alternatives
- Area of Visual Effect





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Onondaga County, New York
Appendix A - Map 5: Visual Impact Assessment
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2021
Notes:
1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Viewpoint
- NRHP-Eligible Site
- NRHP-Listed Site
- Local Parks
- Landscape Unit
- Limits of Disturbance for All Project Alternatives
- Area of Visual Effect

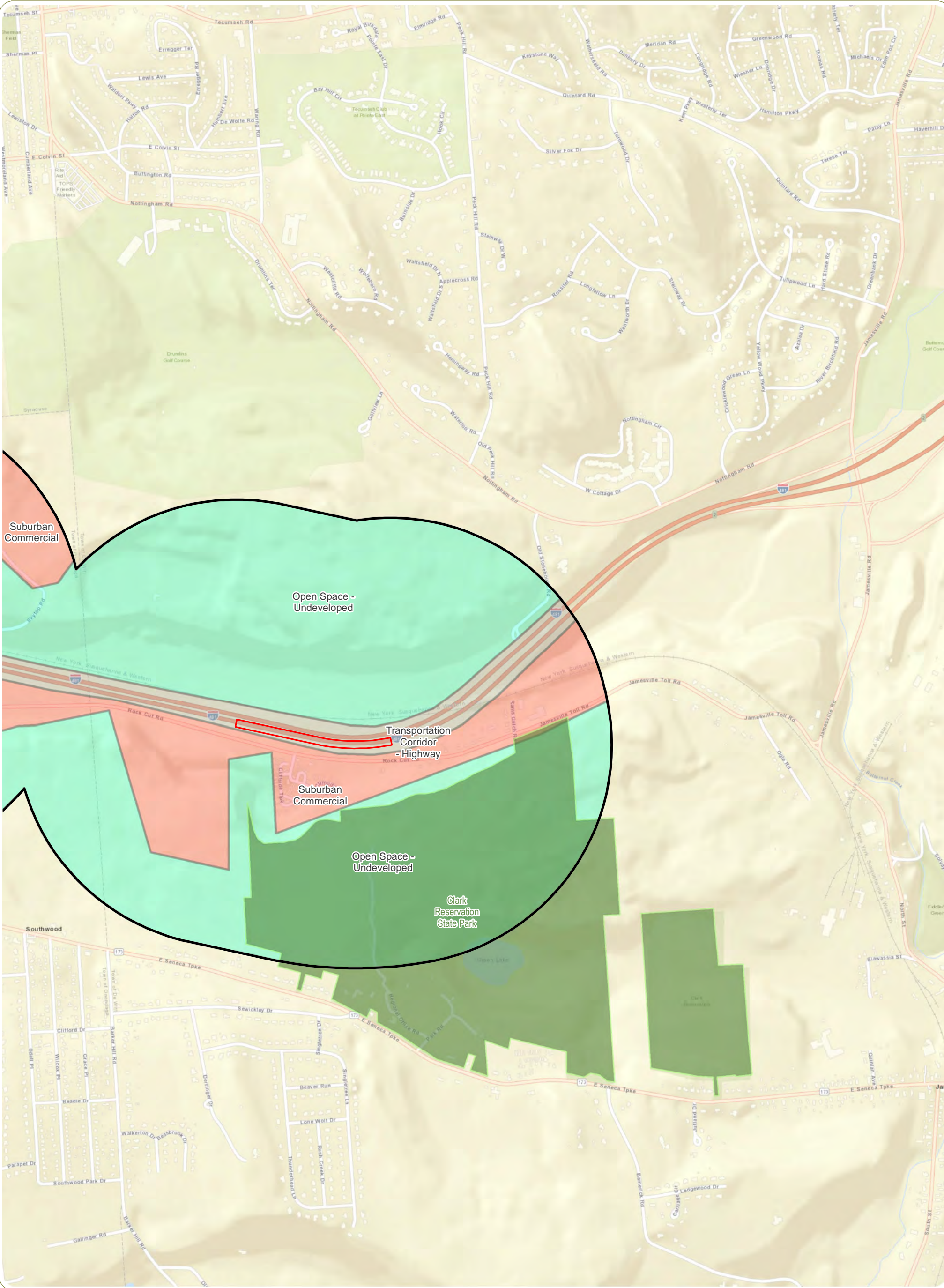
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U.S. Department of Transportation
Federal Highway Administration



I-81 Viaduct Project
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2021
Notes:
1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

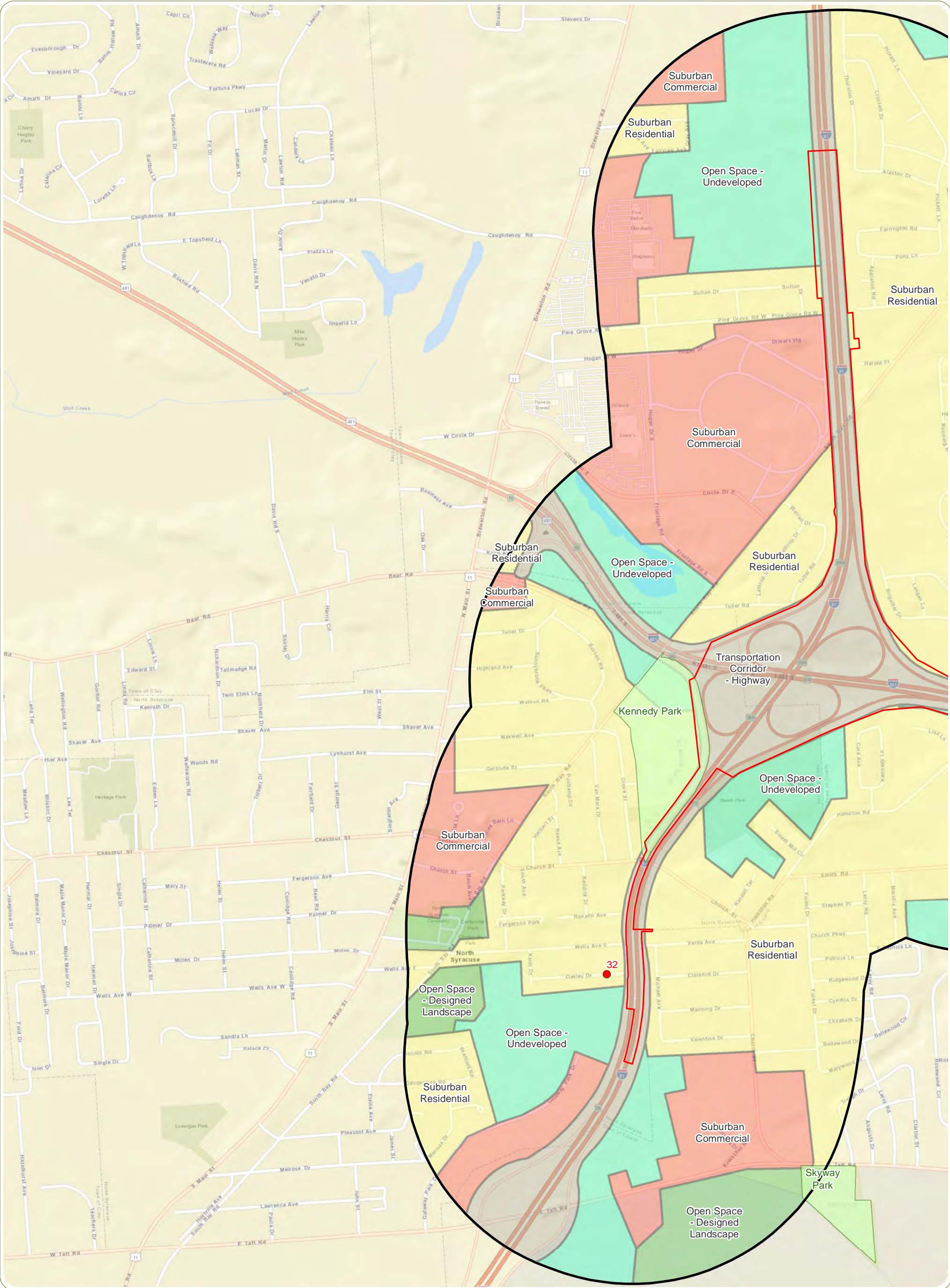
- State Park
- Landscape Unit
- Limits of Disturbance for All Project Alternatives
- Area of Visual Effect

05001,000Feet

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Onondaga County, New York
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2021
Notes:
1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Viewpoint Selected for Simulation
- Viewpoint
- Local Parks
- Landscape Unit
- Limits of Disturbance for All Project Alternatives
- Area of Visual Effect

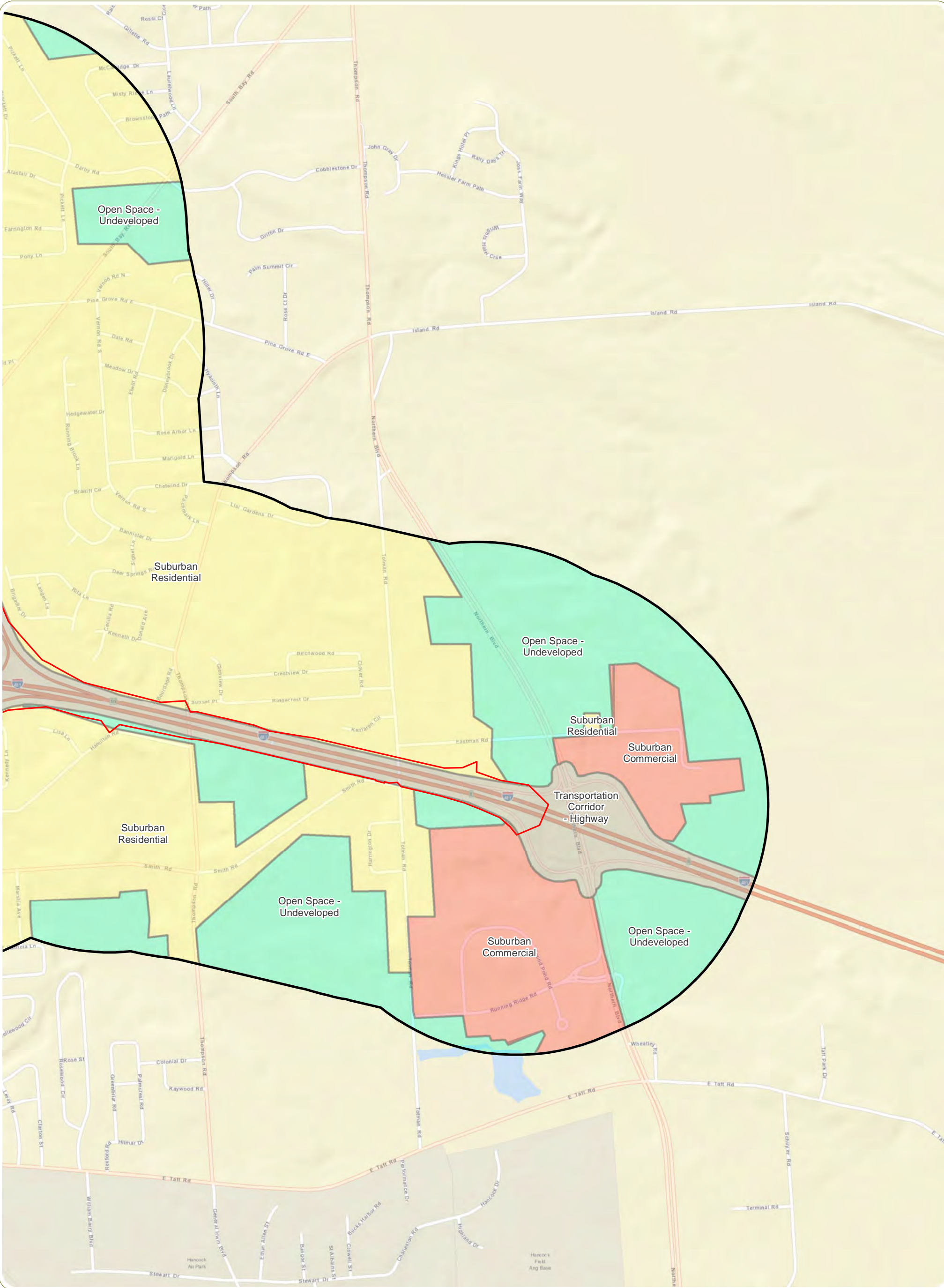
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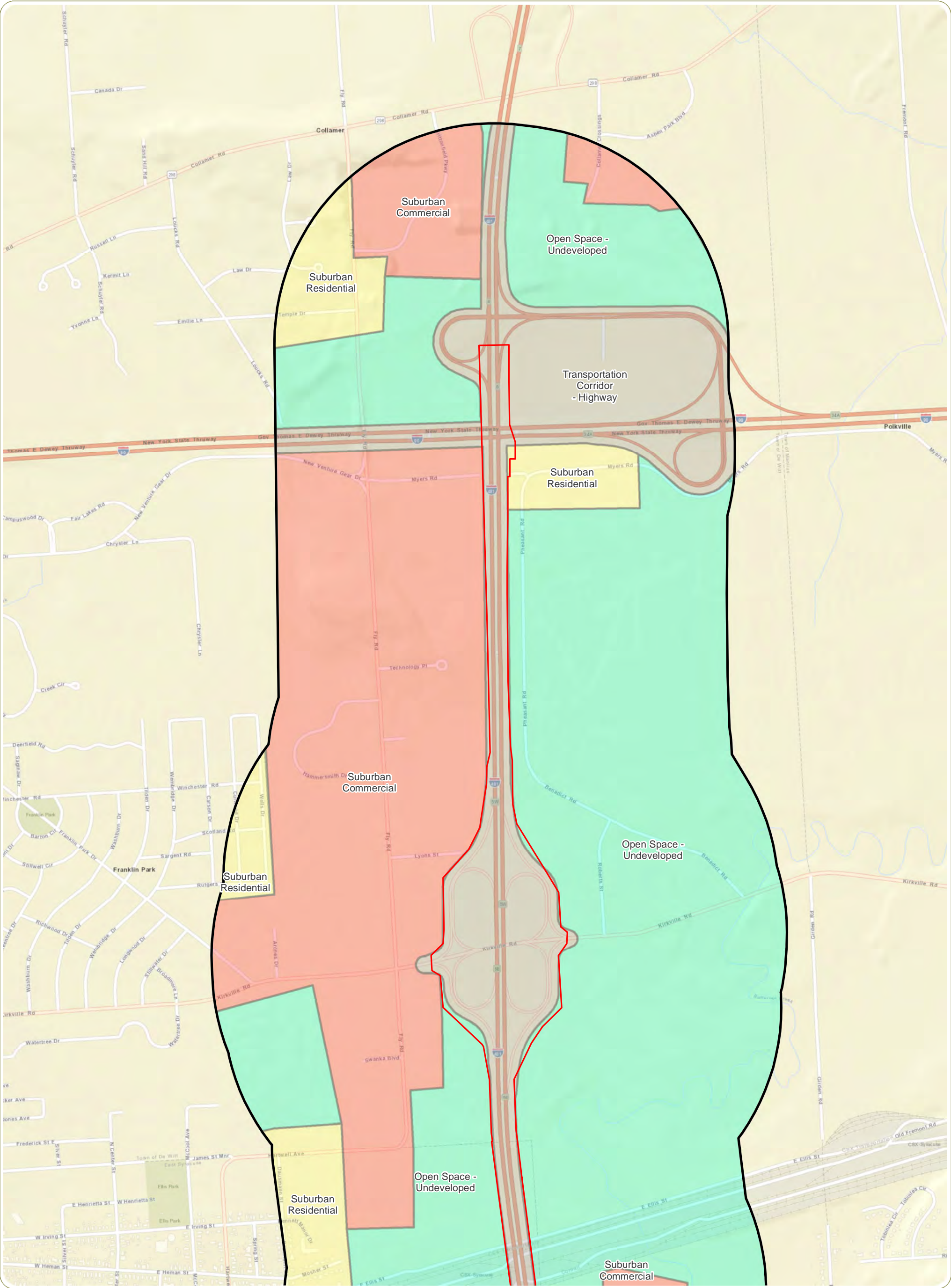
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Department of Transportation


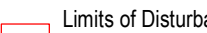
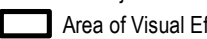
U.S. Department of Transportation

Federal Highway Administration





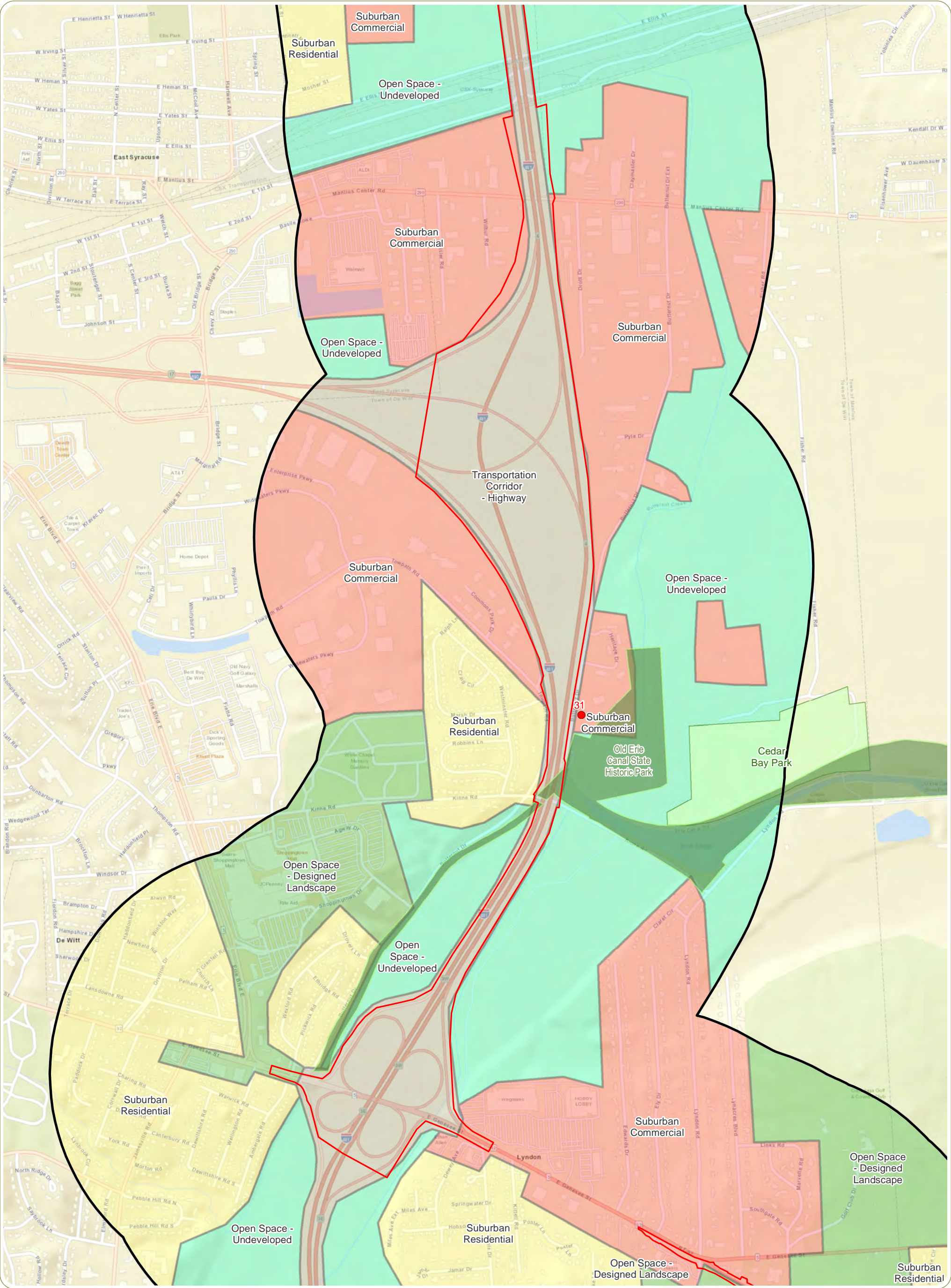
I-81 Viaduct Project
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Appendix A - Map 5: Visual Impact Assessment
Sheet 9 of 12
2021
Notes:
1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
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-  Landscape Unit
-  Limits of Disturbance for All Project Alternatives
-  Area of Visual Effect







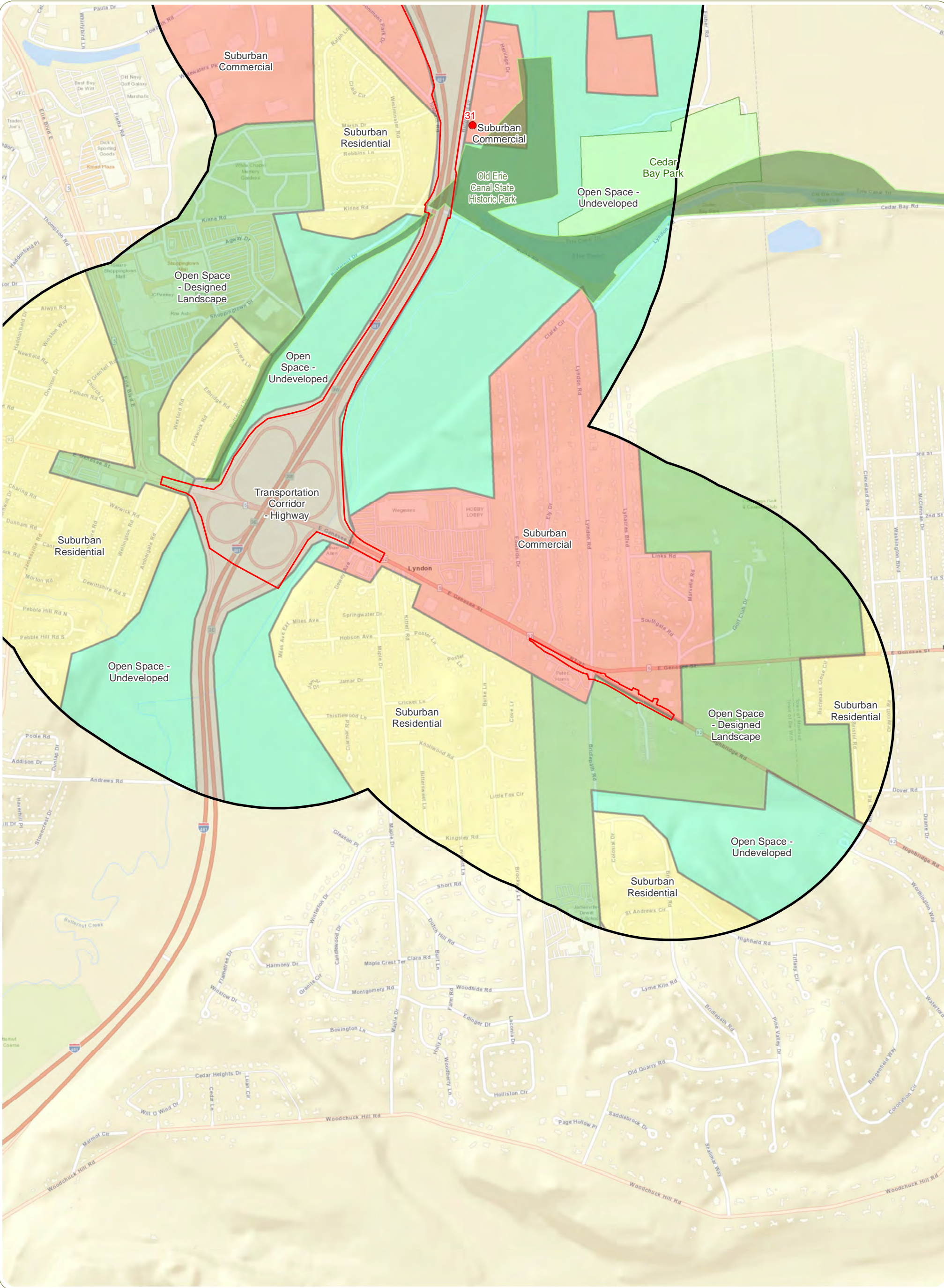


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Onondaga County, New York
Appendix A - Map 5: Visual Impact Assessment
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2021
Notes:
1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Viewpoint Selected for Simulation
- Viewpoint
- State Park
- Local Parks
- Landscape Unit
- Limits of Disturbance for All Project Alternatives
- Area of Visual Effect





I-81 Viaduct Project
Onondaga County, New York
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2021
Notes:
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2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Viewpoint Selected for Simulation
- Viewpoint
- State Park
- Local Parks
- Landscape Unit
- Limits of Disturbance for All Project Alternatives
- Area of Visual Effect

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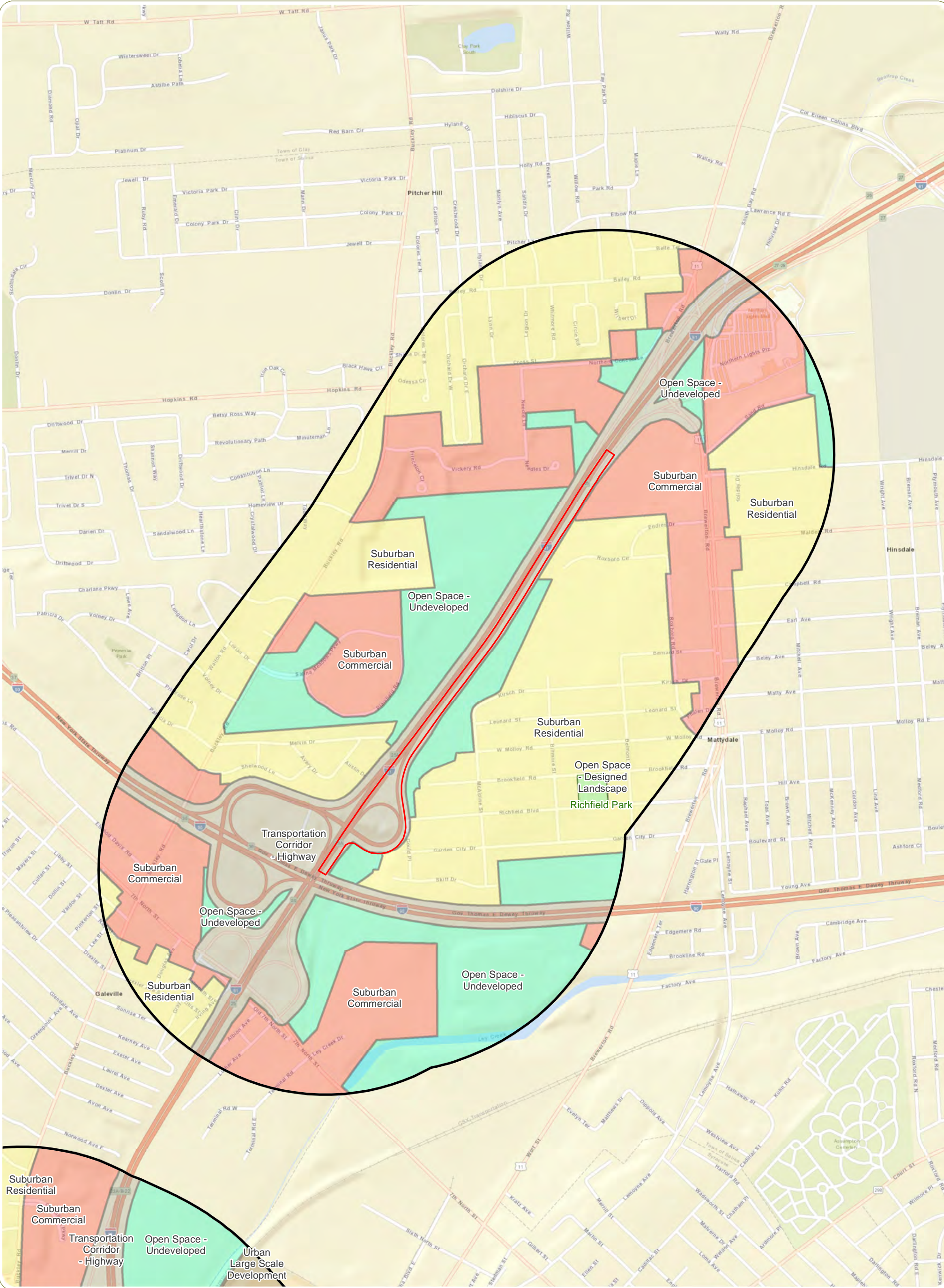
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Appendix A - Map 5: Visual Impact Assessment
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2021
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1. Basemap: ESRI ArcGIS Online "World Street Map" Map Service.
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- Local Parks
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