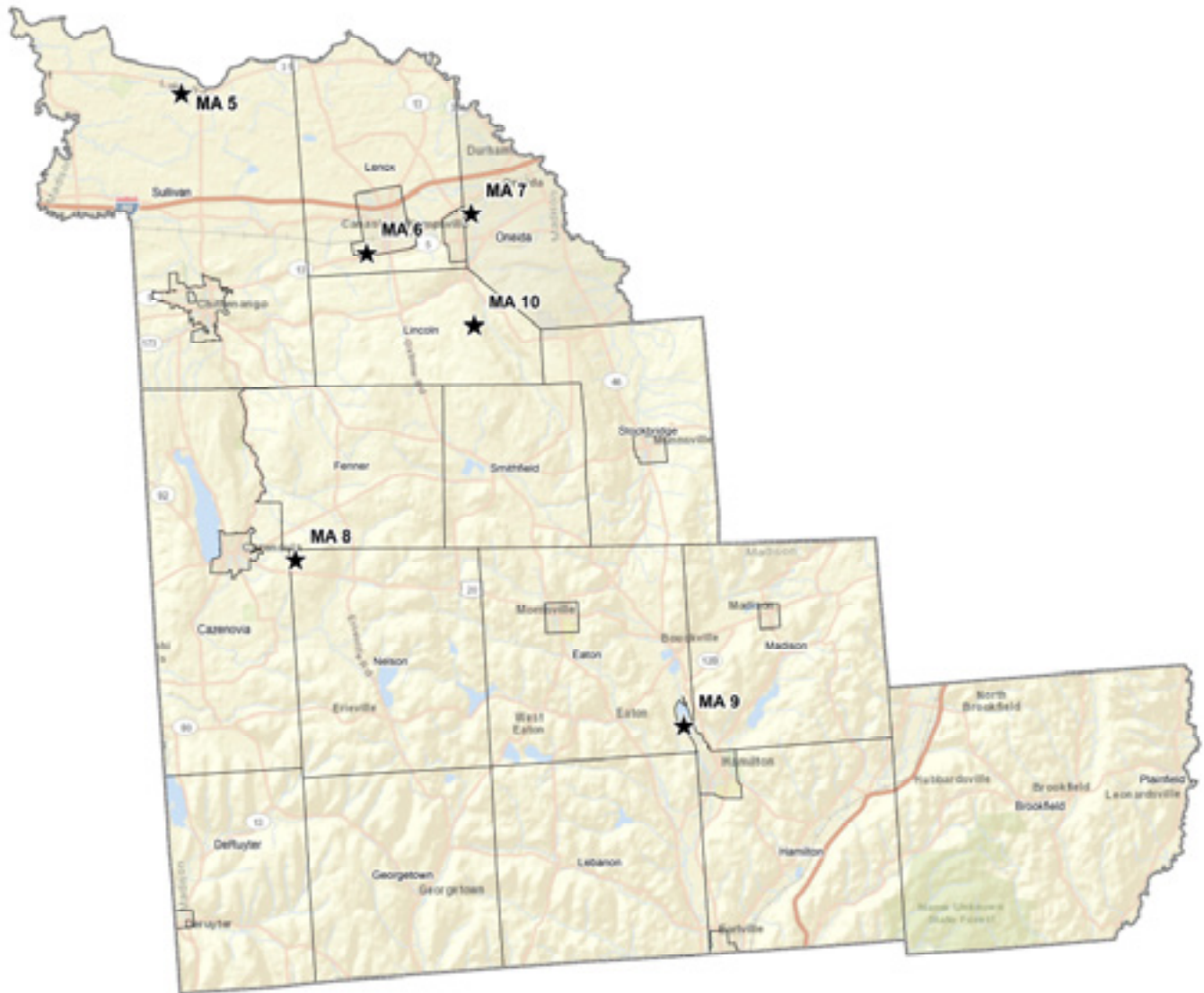


MADISON COUNTY



- MA 5: Harbor Lights Business Park
- MA 6: Canastota Business Park
- MA 7: Oneida-Curtin Site-Development Area
- MA 8: Trush Business Park
- MA 9: Hamilton Airpark
- MA 10: Madison County ARE Park

nationalgrid



Central New York Regional Planning and Development Board

Trush Business Park

US Route 20

TOWN OF NELSON, MADISON COUNTY



Site Profile Characteristics

Site Address

- 3108 John A. Trush Jr. Boulevard, Cazenovia, New York 13035

Jim Cunningham

Property Description

- The 167-acre Business Park (the Park) consists of approximately 126 acres of undeveloped land in the northwestern-most corner of the rural Town of Nelson. The Park also borders the Towns of Fenner and Cazenovia.
- All 127 acres of available land in the Park is owned by Trush, Inc.
- Major tenants in the Park include Marquardt Switches, Dielectric Labs, a community health facility and a children's center.

Land Use

- The Park is currently comprised of light industrial, manufacturing, and office uses along its US Route 20 road frontage while the remaining land is vacant.
- The adjacent land use is primarily vacant and agricultural land, with a mixture of single family residential, light industrial, commercial, and self storage in proximity to the Park.

Zoning

- Zoning in the Park is the Town of Nelson's Business Commercial (BC) district.
- Permitted uses in the Park include manufacturing industries, warehouse and wholesale uses, public utility, vehicle sales, service and repair shops, machinery services, research laboratories, retail shops, diners, and other service establishments.
- Local development permits/approvals include Nelson Planning Board subdivision and site plan approval, Town Board approval, coordinated reviews with adjacent Towns of Fenner and Cazenovia, as well as Madison County Dept. of Health approval.

Madison Co. IDA Contact

Kipp Hicks, Director
Madison County Center for
Economic Development
3215 Seneca Turnpike
Cazenovia, New York 13032
1-315-697-9817

Local Contact

Roger Bradstreet, Supervisor
Town of Nelson
4085 Nelson Road
Cazenovia, New York 13035
1-315-363-7467

Current businesses located in the park include Marquardt Switches, Dielectric Laboratories, GHD, and Trosner

Located due east of Village of Cazenovia and has immediate access to US-20

Cazenovia College and SUNY Morrisville located in close proximity to the Park

Trush Business Park

US Route 20

TOWN OF NELSON, MADISON COUNTY



Property Tax Assessments

- The three undeveloped parcels in the Park range from 8.6 to 107 acres in size with assessed values that range from \$2,900 to \$350,000.

Topography

- Generally, the Park has a nearly 200-foot+/- grade differential across the Park with slopes between 3 and 15 percent.
- Site elevation ranges from 1460 feet in the northwest portion of the Park to 1640 feet at the southeast portion of the Park.
- No topographic restrictions are present at the Park.

Hydrologic Characteristics

- A stream that is a tributary to the middle branch of Chittenango Creek flows northwest across the Park.
- No other significant water resources are present in or near the Park.
- The depth to groundwater in the Park ranges from 1 to 4.5 feet.
- On-site soils fall within hydrologic group C.
- Depth to bedrock in the Park is greater than 6 feet.
- Approximately 82% of the Park has moderately well drained soils.

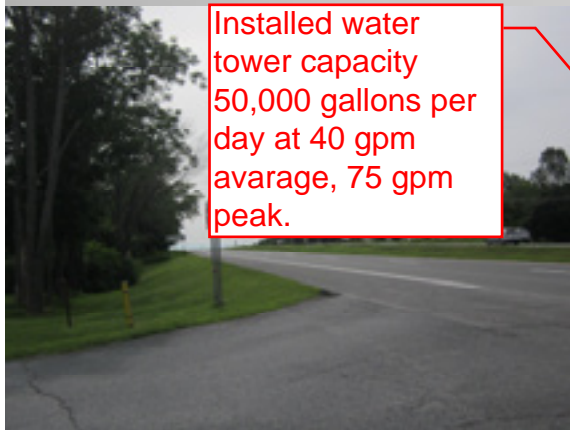
Environmental Site Assessment Summary

- Approximately 10.17 acres of potential federal wetlands (NWI) are mapped in the Park. These wetlands have not been field verified.
- The Park is not located within a 100-year floodplain.
- The Park is not located within a Significant Coastal Fish and Wildlife Habitat.
- The Park is not located within a designated critical environmental area.
- Federally protected species with potential to be located in the Park include: Chittenango Ovate Amber Snail, Indiana bat, and American hart's-tongue fern.
- The Park is not located within an Archeological Sensitive Area.
- The Park is not located within a State certified agricultural district.

Trush Business Park

US Route 20

TOWN OF NELSON, MADISON COUNTY



Transportation and Site Access

- Existing roadway access into the Park is from US Route 20 (Nelson Street) to John Trush Boulevard.
- Interstate access to NYS I-90 Exit 34 (Canastota/Oneida) is 15 miles northeast of the Park.
- I-81 Exit 15 (LaFayette) is 18 miles west of the Park.
- CSX operates an east-west rail mainline 11 miles north of the Park.
- The Syracuse Rail Yard and Intermodal Terminal is located 18 miles northwest of the Park in Syracuse, New York. North-south rail is available through the Intermodal Terminal.
- Port of Oswego is approximately 59 miles northwest of the Park along the southern shore of Lake Ontario in the City of Oswego.
- Syracuse Hancock International Airport is approximately 30 miles northwest of the Park centrally located in Onondaga County.

Utilities

Municipal Water Supply

- Public water supply is not available at the Park. The nearest water supply connection is one mile to the Village of Cazenovia's public water system.

Municipal Sewer

- Public sewer is provided directly to the Park via a 10" sewer main along Route 20. Sewage is treated at the Village of Cazenovia's Wastewater Treatment Plant (WWTP).
- The WWTP is functioning well and consistently meets SPDES parameters. The WWTP available capacity is 100,000 gallons per day.
- The available capacity of the sewer main at the Park is 300,000 gallons per day.
- Storm sewers are available at the Park.

Electric Service

- National Grid maintains an overhead 13.2kV electric line directly to the Park along US Route 20.
- Underground electric services are also provided along access roads into the Park.

Natural Gas

- National Grid provides natural gas services directly to the Park via a 2" distribution line which is supplied by an 8" gas main along US Route 20.

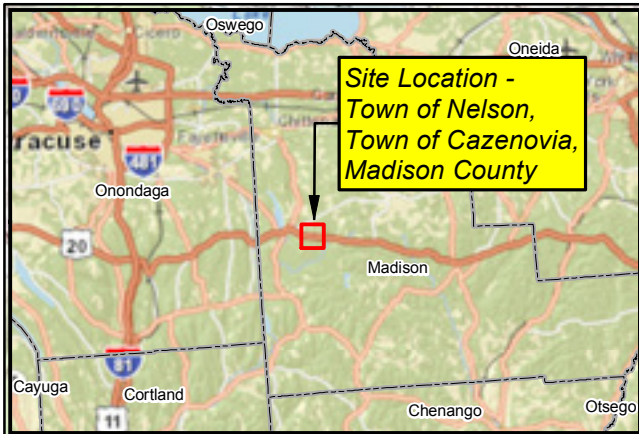
Telecommunications

- Verizon and Time Warner provide telephone and internet services directly to the Park along US Route 20.

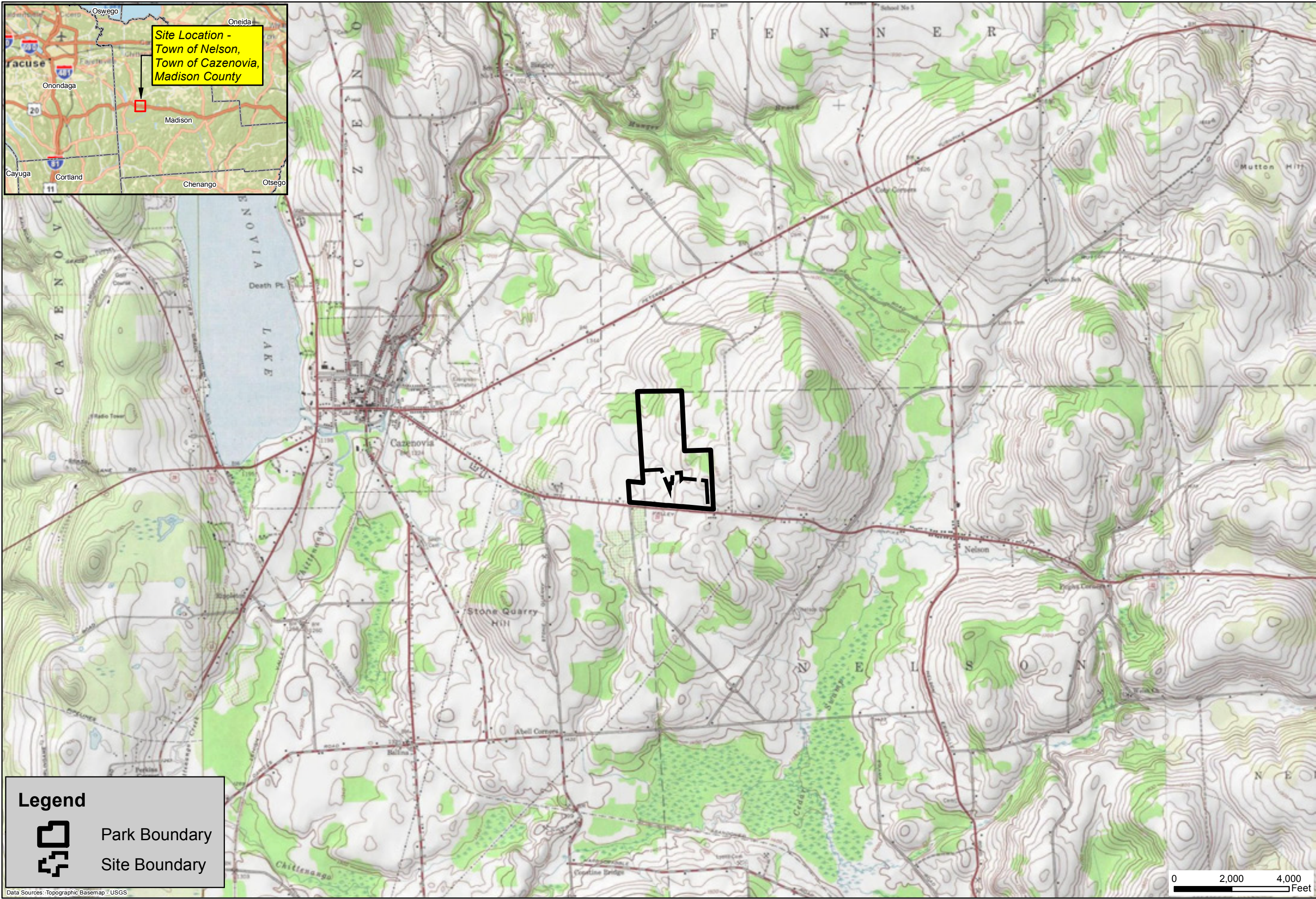


Site Layout Features


- ◆ Total available land - 126.79 acres
- ◆ Undeveloped parcels range in size from 8.66 to 107.04 acres
- ◆ Currently within the Town of Nelson Business Commercial District
- ◆ Established business park just east of the historic Village of Cazenovia
- ◆ Access off of NYS Route 20 provides quick link to surrounding metro area of Syracuse and Utica
- ◆ Allowable uses range from light industrial, office, professional business, enclosed manufacturing to retail, service, repair and medical offices
- ◆ Opportunities also include recreational facilities, mixed use residential, wind energy research and development, and agricultural technology or service industries
- ◆ Existing stream on site may require environmental compliance or permitting regulations




Site Location -
Town of Nelson,
Town of Cazenovia,
Madison County



Legend

 Park Boundary


 Site Boundary

Data Sources: Topographic Basemap - USGS





MA-8 Trush Business Park
Area Location Map
Madison County 3018 John A Trush Jr Blvd, Cazenovia, NY 13035 New York



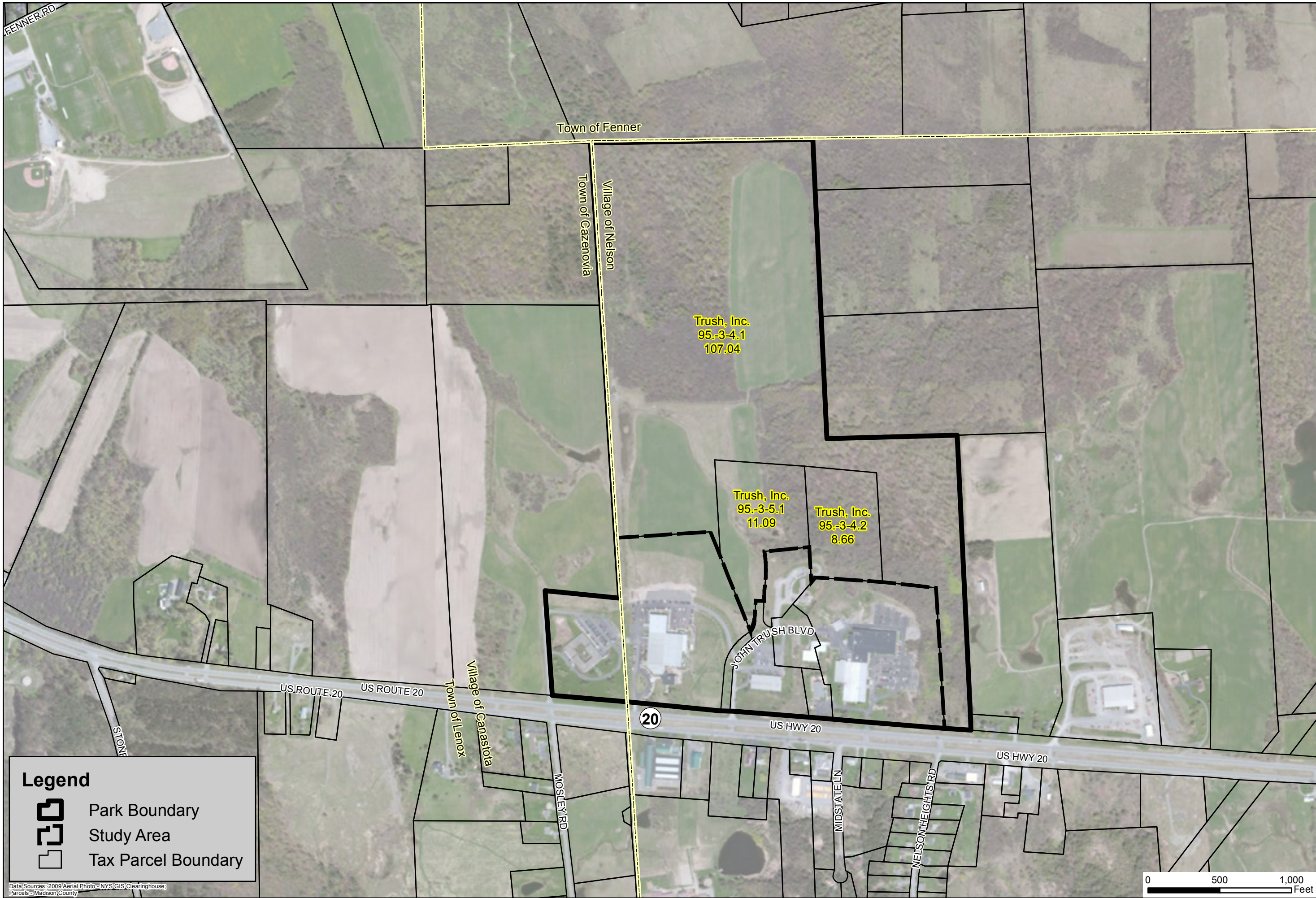
Date
August 2013

Scale
As Shown

Figure Number
1

File Number
1581.001

This map is to be used for reference purposes only. Barton and Loguidice P.C. is not responsible or liable for any inaccuracies herein contained.



Legend

- Park Boundary
- Study Area
- Tax Parcel Boundary

Data/Sources: 2009 Aerial Photo - NYS GIS Clearinghouse;
Parcels - Madison County

MA-8 Trush Business Park

Site Location Map

New York

Madison County

Date
August 2013

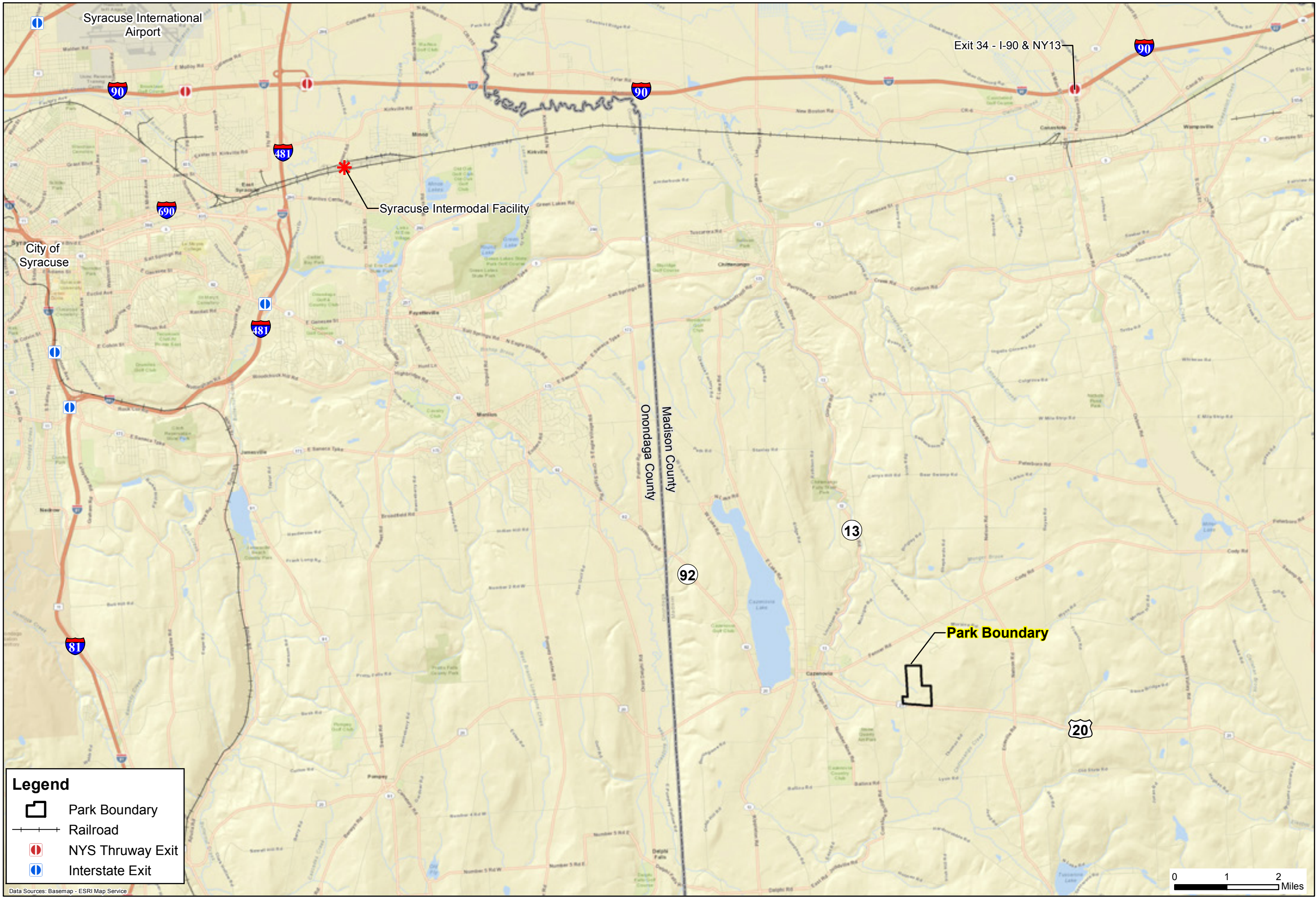
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As Shown

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2

File Number
1581.001

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0 500 1,000 Feet



Legend

- Park Boundary
- Railroad
- NYS Thruway Exit
- Interstate Exit

Data Sources: Basemap - ESRI Map Service

MA-8 Trush Business Park

Transportation

Date: August 2013

Scale: As Shown

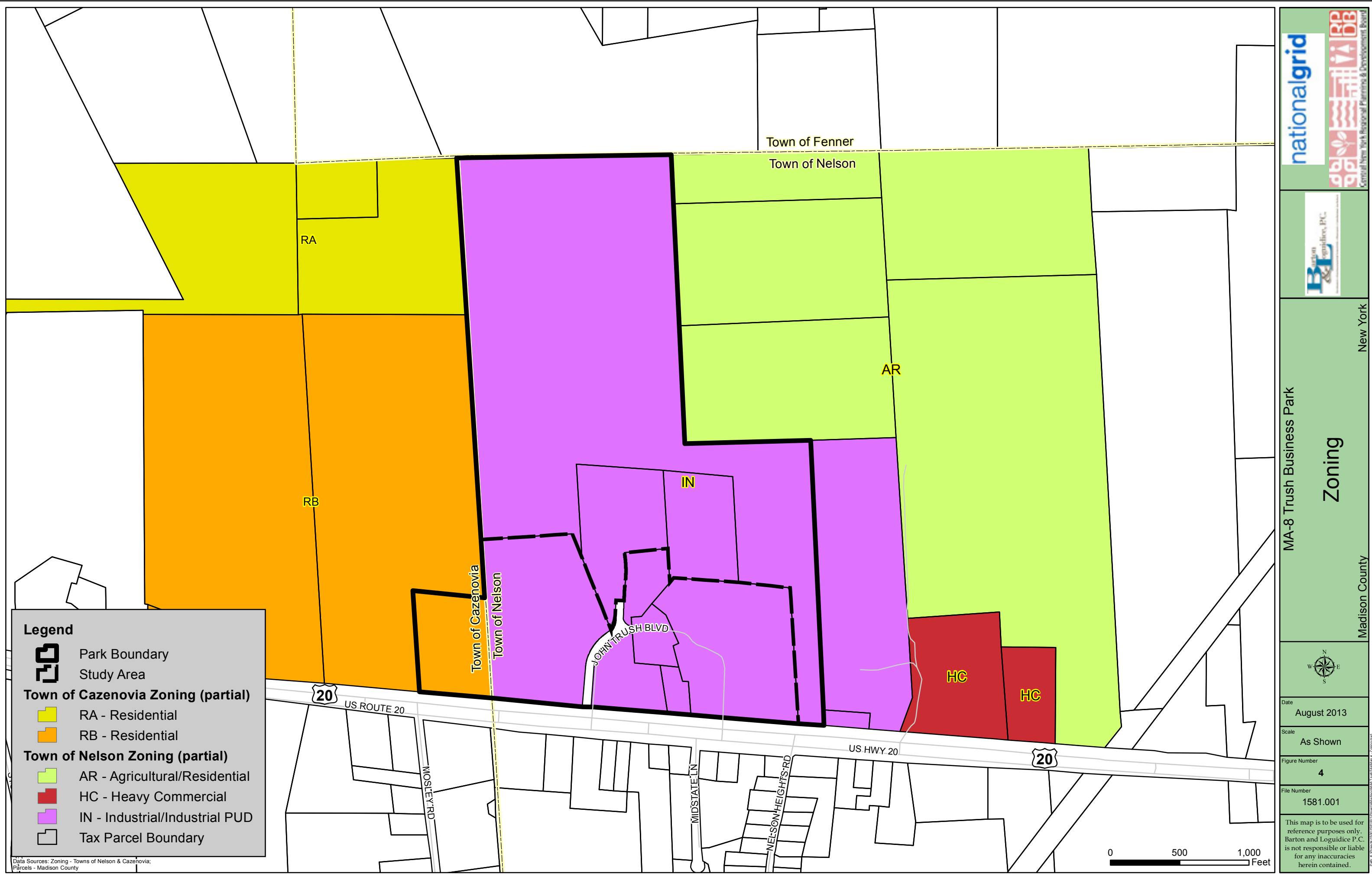
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New York


Madison County





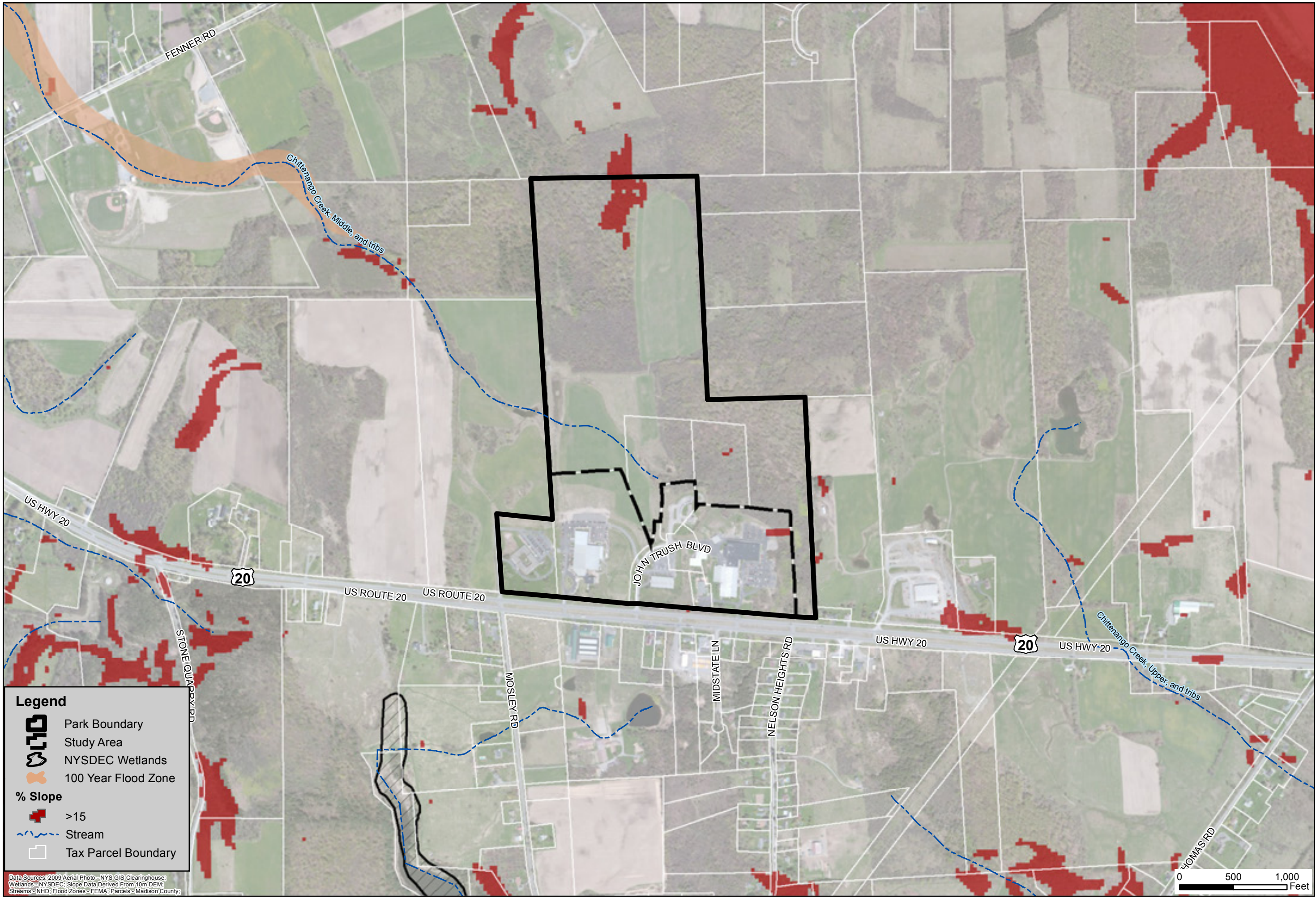
Legend

 Park Boundary

 Study Area

Data Sources: Topographic Map - USGS

  Central New York Regional Planning & Development Board	
	
MA-8 Trush Business Park	
Madison County	New York
Site Topography	
	
Date	August 2013
Scale	As Shown
Figure Number	5
File Number	1581.001
<p>This map is to be used for reference purposes only. Barton and Loguidice P.C. is not responsible or liable for any inaccuracies herein contained.</p>	



Legend

- Park Boundary
- Study Area
- NYSDEC Wetlands
- 100 Year Flood Zone
- % Slope**
- >15
- Stream
- Tax Parcel Boundary

Data Sources: 2009 Aerial Photo - NYS GIS Clearinghouse;
Wetlands - NYSDEC; Slope Data Derived From 10m DEM;
Streams - NHD; Flood Zones - FEMA; Parcels - Madison County

MA-8 Trush Business Park

Development Considerations

Madison CountyNew York

Date
August 2013

Scale
As Shown

Figure Number
8

File Number
1581.001

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Trush Business Park

LAND USE

Total Size (acres)	167 acres total; 126.79 acres of this are currently undeveloped.	Assessed Value	Undeveloped parcels range from \$2,900 to \$350,000 and 8.66 acres and 107.04 acres.
Land Use	Vacant, business park, agriculture	Adjacent Properties	Agriculture, residential, commercial, medical, self-storage
Road Frontage	Internal access on John Trush Blvd	Comments	The site is located in the Town of Nelson with other office, light industrial, and agricultural uses nearby.

ZONING

Uses Permitted	The site is located in the Town of Nelson. The site is zoned Business Commercial (BC) with permitted uses including enclosed manufacturing industries; enclosed warehouse or wholesale use; public utility; vehicle sales, service and repair; machinery and transportation equipment, sales, service and repair; enclosed industrial process and service; research laboratories; retail shops; retail stores; diners; restaurants; personal service establishments; professional services offices; convenience stores; automotive, farm machinery and recreational vehicle sales, service and repair; light industrial uses; multiple family dwellings; private and commercial wind energy facilities; and recreation facility.
Off Street Parking	In the Town of Nelson, off-street parking requirements are tied to use. Use as business, professional and medical offices require one (1) space per 200 square foot of office space, or for each 25 square foot per waiting room area whichever is greater. Use as commercial, business and unspecified uses require one (1) parking space for every motor vehicle used directly in the business, plus one (1) space per 250 square foot of floor area. Use as industrial requires one (1) parking space for every motor vehicle used directly in the business, plus one (1) space per 400 square foot of floor space. Parking and maneuvering space for delivery vehicles shall be adequate for handling the largest and most frequent vehicles without negative impact on the neighborhood or traffic congestion. The regular use of semi-trailers over forty feet in length is allowed only in support of other industry. Warehouse and transfer facilities for these vehicles are prohibited in all districts.
Set-backs	The Town of Nelson requires a 50-foot front, 30-foot side, and a 50 rear yard minimum setback in the Business Commercial District.
Percent of Site that may be utilized	60.00%
Control of Nuisances	In the Town of Nelson, uses are not permitted which exceed any of the following standards measured at the individual property line: Emit noise in excess of 70 decibels; Emit any dust or dirty or noxious gases or odors which endanger the health, comfort, safety or welfare of any person, or which would have a tendency to cause injury or damage to property, business, or vegetation; Emit any smoke, in excess of Ringlemann Chart No. 2; Cause, as a result of normal operations, a vibration which creates

Trush Business Park

displacement of 0.003 of one inch; Lighting or signs which create glare, which could impair the vision of a driver of any motor vehicle, or spill light onto any adjoining property; Cause a fire, explosion or safety hazard; or Cause harmful wastes to be discharged into the sewer system, streams, or other bodies of water. Efficient disposal shall comply with the Town Local laws and State Health Standards.

Height Restrictions

The maximum building height in the Town of Nelson is 40 feet.

DEVELOPMENT IMPLICATIONS SUMMARY

From a zoning perspective, the site is located in the Business Commercial District in the Town of Nelson. This district permits a full range of office, light industrial, and warehousing uses.

Trush Business Park

TOPOGRAPHIC INFORMATION

Topography	The site topography ranges from 1460 feet above mean sea level (msl) in the northwest corner of the site to 1640 feet above msl in the southeast portion of the site.
Potential Aesthetic Problems	No potential aesthetic concerns were identified for the site.
Restrictions	No topographic restrictions were identified for the site.

SOILS

Mapping Units	The soil types mapped for the site include: LtA-Lima silt loam, 0 to 3% slopes (33.9% of site); HnB-Honeoye silt loam, 3 to 8% slopes (28.3% of site); AoA-Appleton loam, 0 to 3% slopes (14.6% of site); LtB-Lima silt loam, 3 to 8% slopes (12.3% of site); HnC-Honeoye silt loam, 8 to 15% slopes (5.8% of site); CfB-Cazenovia silt loam, 3 to 8% slopes (1.7% of site).		
Drainage Class	Greater than 82% of the site is designated as being moderately well drained.		
Hydrologic Soil Groups	Greater than 96.6% of the mapped soils on the site are classified as hydrologic soil group C.		
Depth to Groundwater	The groundwater at the site ranges from 1-foot to 4.5 feet.		
Permeability	Upwards of 14.6% of site has limited permeability.		
Depth to Bedrock	The depth to bedrock at the site is greater than 6.6 feet.		
Bearing Strength	The bearing strength of the on-site soils is low, 1500 pounds per square foot per NYS Building Code based on class of materials.		

Hydric Soils Present?	The Appleton loam soil series is recognized as a hydric soil mapping unit and is present within the northwest corner of the site.	Groundwater Variation	Seasonal wetness is documented for the site.
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Hydric Inclusions in Soils?	No mapped soil series are recognized as having the potential to include hydric inclusions.		
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WETLANDS

NYSDEC Wetlands Present?	No NYSDEC regulated wetlands are mapped on the site.		
National Wetlands Inventory	National Wetland Inventory data is not available for this portion of Madison County.		

Trush Business Park**Wetlands Delineation
Available**

No wetland delineation material for the site was available for review.

WATERS / STREAMS**Onsite NYSDEC Mapped
Streams**

One NYSDEC mapped stream is located within the site boundaries.

Stream Classification

The site is located in the Oneida River Drainage Basin. The noted mapped stream, a tributary to the middle branch of Chittenango Creek, flows northwest across the southwest corner of the site. This stream is designated a Class C water with C Standards.

Flow Regime

The mapped stream on the site is mapped as having a perennial flow regime.

Other Water Resources

No other significant water resources were identified near the site.

Coastal Resources

The site is not located within or near a Significant Coastal Fish and Wildlife Habitat (SCFWH) area or within the NYS landward coastal boundary. The Town of Nelson is not recognized as having an approved Local Waterfront Revitalization Program (LWRP).

FLOOD PLAINS**Flood Plain Information**

FEMA floodplain mapping was reviewed. The site is not located within a 100-year floodplain area, a designated floodway, or a coastal erosion hazard area.

FISH AND WILDLIFE**Nature Explorer Results
(State Species)**

The following state protected threatened and endangered species are documented by the NYSDEC's Nature Explorer website for Madison County: bald eagle, common tern, Henslow's sparrow, least bittern, northern harrier, pied-billed grebe, sedge wren, short-eared owl, upland sandpiper, timber rattlesnake, lake sturgeon, brook floater, Chittenango ovate amber snail, bent sedge, big shellbark hickory, blue-eyed Mary, Blue-hearts, Carey's sedge, Cloud sedge, cork elm, dragon's mouth orchid, dwarf bulrush, Frank's sedge, golden-seal, gypsy-wort, lake-cress, little-leaf tick-trefoil, livid sedge, marsh arrow-grass, marsh valerian, mountain death camas, northern bog aster, northern bog violet, northern wild comfrey, ovate spikerush, pink wintergreen, purple cress, puttyroot, ram's-head ladyslipper, roseroot, rough avens, Sartwell's sedge, scarlet Indian-paintbrush, Schweinitz's sedge, sheathed pondweed, slender pondweed, small yellow ladyslipper, Small's knotweed, southern twayblade, sparse-flowered sedge, straight-leaf pondweed, striped coralroot, swamp lousewort, swamp smartweed, sweet coltsfoot, tall white aster, wild sweet-william, Wright's spikerush, yellow wild flax, creeping juniper, blunt-lobe grape fern, Hart's tongue fern, marsh horsetail, and rugulose grape fern.

**US Fish and Wildlife
Service (Federal Species)**

Federally protected species that are reported by the U.S. Fish and Wildlife Service with the potential to be located on the site include: Chittenango ovate amber snail, Indiana bat, American hart's-tongue fern.

Trush Business Park

CRITICAL ENVIRONMENTAL AREA

Site within or near
Critical Environmental
Area

The site is not located within a designated critical environmental area.

CULTURAL AND HISTORIC RESOURCES

Archaeologically Sensitive Area?

The site is not located within an Archaeological Sensitive Area.

Nationally Registered or Eligible
Historic Site?

No National Register or National Register Eligible locations (that have been submitted for consideration) are identified on the site.

Adjoining a Nationally Registered
or Eligible Historic Site?

The closest National Register location to the site is The Maples, located at 2420 Nelson Road, over 0.5-mile from the site.

AGRICULTURAL

State Agricultural District

The site abuts State certified agricultural districts to the north/northwest and southeast, but no districts are included within the site boundaries.

POTENTIAL PERMIT REQUIREMENTS

Section 404 Clean Water Act Nationwide or Individual Permit (US Army Corps of Engineers)

Section 401 Water Quality Certification (NYSDEC)

State Pollution Discharge Elimination System Permit (NYSDEC)

ENVIRONMENTAL IMPLICATIONS SUMMARY

The only mapped environmental resource that could impact development is the tributary to Chittenango Creek, located in the southwest corner of the site. No other sensitive areas were identified; however a wetland field delineation of the site should be completed before development begins. An area of concern regarding potential wetland locations is the Appleton soil mapping unit, located in the northwest portion of the site. Any impacts to federally regulated wetlands in the future will require a permit and review from the USACE. Depending on the amount of impact, wetland mitigation may be required. A cultural/historic resource review should be completed on-site prior to any development. A threatened and endangered species habitat assessment should also be completed on site prior to development.

Trush Business Park

ROADWAY

Adjacent Roadway Network

The Trush Business Park is located in the Towns of Nelson and Cazenovia, NY with access to the Park from US Route 20 (Nelson St.) to John Trush Boulevard. US Route 20 falls under the jurisdiction of the NYS Department of Transportation, is classified as a Rural Principal Arterial and is on the National Highway System. It is a divided highway with 2 lanes for both eastbound and westbound traffic plus a separate Left Turn lane for eastbound traffic turning into John Trush Boulevard. The closest intersections are Moseley Road to the west and Nelson Heights Road to the east.

Traffic Count Data

The Average Annual Daily Traffic (AADT) counts as measured in vehicles per day (vpd) from the NYS Department of Transportation are as follows:
On US-20 NYS Route 12B between the Hamilton Town Line and NYS Route 46 the AADT was 7,206 vpd (April 2009).

Madison Transit



Distance to Interstate Highway Network

The NYS Thruway (I-90) is the closest east/west Interstate Access Highway, approximately 15 miles northeast to Exit 34 (Canastota-Oneida-Chittenango-NY Route 13) for eastbound travel and approximately 23 miles northwest from the site to Interchange 34A (Syracuse-Chittenango-Oswego-I-481). For northbound and southbound interstate travel, access to Exit 15 (LaFayette) of I-81 is in LaFayette, NY, approximately 18 west of the site.

Truck Routes

The primary truck access route to the site is via US-20.

Public Transit Stop Near Site

There is no public transit currently serving the Cazenovia area.

RAIL

Freight Rail Service Summary

CSX Transportation (CSXT) operates a Class I freight railroad network in the Central New York region. Specifically, the Chicago Main Line provides east/west rail services that link Central New York with New York City, Boston and Chicago through the Syracuse Rail Yard. The St. Lawrence Subdivision of the CSXT network provides north/south rail services linking Syracuse to Massena, and ultimately Montreal from the Syracuse Rail Yard. The St. Lawrence Subdivision junctions with the Fulton Subdivision which provides rail services to the Fulton and Oswego areas. CSXT maintains rail yards in Selkirk and Syracuse, intermodal terminals in Syracuse and Buffalo, and TRANSFLOW terminals in Albany, Syracuse, and Buffalo, NY.

CNY is also served by the NYS&W rail line, a regional network that provides rail freight service from the Syracuse area along a main line south to Binghamton and the NYC metropolitan area, as well as the Finger Lakes Railway Corporation, a short line rail network that provides freight rail service from the Syracuse area to Western New York and Pennsylvania.

Trush Business Park**Distance to Rail Siding**

CSXT operates an east/west rail mainline 11 miles north of the Park. The Park currently is not served by or adjacent to rail siding. The Syracuse Rail Yard and Intermodal Terminal is located 18 miles northwest from the Park in Syracuse, NY. North/South mainline rail is available through the Intermodal Terminal at the Syracuse Rail Yard.

AVIATION**Nearest Commercial Airport**

Syracuse Hancock International Airport is approximately 30 miles northwest of the site. Syracuse Hancock International Airport is recognized as a primary commercial service airport and is part of the New York State Airport System.

MARINE**Nearest Deepwater Port**

The closest Deepwater Port is located is the Port of Oswego, located in Oswego, NY, which is approximately 59 miles northwest of the site.

NYS Canal System

The closest access for commercial barge shipping via the NYS Canal System is currently available from the terminal wall located in Sylvan Beach, NY, approximately 19 miles north of the site.

PERMITTING**Permits**

NYS Department of Transportation highway work permits will be required for any roadway/utility improvements proposed within the respective ROW's of US Route 20.

DEVELOPMENT IMPLICATIONS SUMMARY

The Trush Business Park is supported by a multimodal transportation network with access to roadway, aviation, water, and rail infrastructure all located within 60 miles of the site.

Trush Business Park

Yes

WATER SUPPLY

Public Water Supply Available at Site?

No

Distance From Site (mi.)

1

On site

System Information

Owner

Village of Cazenovia

Source of Supply

Groundwater via three 80-foot deep drilled well

Method of Treatment

Chlorination

Treatment General Comments

The water is softened.

Storage

There is one 800,000 gallon storage tank along US Route 20.

System Capacity

System Capacity (gpd)

1,440,000

System Average Daily Demand (gpd)

282,000

System Peak Daily Demand (gpd)

340,000

Available System Capacity (gpd)

1,100,000

Capacity "Bottlenecks"

None reported

Site Specific Details

Is Site in Existing Water District

No

Size of water main at site (in)

N/A

Available Capacity at site (gpd)

144,000

Pressure at site (psi)

N/A

Have any flow tests been performed near site recently?

No

Other Details

User charges and water rates

\$2.59 per 100 cubic feet (commercial users)

Future upgrades planned

None reported

Future demands known at this time

A beer brewery is being constructed and will have a demand of 40,000 gpd

Trush Business Park

Update

General Comments

To service this site, a pumping station at the existing Route 20 tank and a new tank at the highest elevation of the site would have to be installed. A new water main would have to be installed from the pump station to the Trush Park tank.

Summary

Update

Public water is not available at this site. A new pump station, tank, and transmission main would have to be installed to bring public water to the site.

Contact Notes

Bill Carr, Village of Cazenovia - Public Works Commissioner (315-655-3041, ext 4), Village of Cazenovia 2012 Annual Drinking Water Quality Report

SEWER COLLECTION SYSTEM

Public Sewer Available at Site?

Yes

Distance from site (mi.)

N/A

System Information

Owner

Madison County

System Capacity

Collection System Description and Capacities

Recent flooding has also showed that the sewer system has a capacity of 8 MGD without overflows. There are no pump stations in the system.

Collection System "Bottlenecks"

None reported

Collection System Wet-Weather Issues

There are some inflow issues as a result of roof and sump pump connections.

Moratorium on New Users

No

There is no moratorium on new users.

Site Specific Details

Site in existing sewer district

Yes

Madison County Sewer District

Size of sewer main at site (in)

10

Available capacity of sewer main at site (gpd)

300,000

Other Details

Sewer User Charges

\$286/unit

Future Upgrades Planned

The district is currently looking into a sewer expansion in the Mill Street area.

Trush Business Park

Future Demands Known at this Time

None reported

Storm Sewers

Storm sewers available at site

No

There are storm sewers at the site which direct stormwater to retention ponds.

Site within MS4 Area

Yes

Summary

Collection System Comments

None

Sewer Summary

Public sewers are available via 10-inch gravity sewer mains at the site. The reported available capacity is 300,000 gallons per day.

RECEIVING WASTEWATER TREATMENT PLANT (WWTP)

Owner / WWTP Name

Village of Cazenovia / Cazenovia Wastewater Treatment Plant

Description of Treatment Processes

Extended air oxidation activated sludge treatment with an aerobic digester and composting of digested solids.

Treatment Plant Capacity Details

WWTP Average Daily Design Flow (mgd)

0.95

WWTP Current Avg Daily Flow, Annual (mgd)

0.67

WWTP Current Avg Monthly Flow 'Wet' (March-May)

0.85

WWTP Current Avg Monthly Flow 'Dry' (June-August)

0.51

WWTP Max Average Monthly Flow (past three years) (mgd)

1.35

WWTP Average Available Flow Capacity (mgd)
(Average Daily Design - Average 'Wet' Months)

0.1

SPDES Permit Constraints

WWTP SPDES Limits

Current 3-Year Average

Available Capacity

Flow (mgd)

0.95

.67

.28

Nitrogen

NH3 - 8.6 mg/l

TKN - 1.20 mg/l; NH3 - .49
mg/l

NH3 - 8.11 mg/l

MA-8

Utilities

Trush Business Park

Phosphorous	None	N/A	N/A
BOD Monthly Avg	25 mg/l & 198 lb/day	4.1 mg/l & 21.8 lb/day	20.9 mg/l & 176.2 lb/day
BOD 7 Day Avg	40 mg/l & 317 lb/day	4.2 mg/l & 24.9 lb/day	35.8 mg/l & 292.1 lb/day
TSS Monthly Avg	30 mg/l & 238 lb/day	3.7 mg/l & 20.0 lb/day	26.3 mg/l & 218 lb/day
TSS 7 Day Avg	45 mg/l & 357 lb/day	4.3 mg/l & 24.0 lb/day	40.7 mg/l & 333 lb/day
Settleable Solids Daily Max	.3 ml/l	.035 ml/l	.265 ml/l
pH	6.0 - 9.0 Range	7.7	N/A
Other	N/A		
SPDES Limit Excursions (past three years)		Flow Excursions in Mar '10, Oct '10, Mar '11, Apr '11	

Other Details

Future Upgrades Planned	None reported
Future Demands Known at This Time	None reported
Moratorium on New Users	No

Treatment Plant Summary

WWTP Summary	The WWTP has 100,000 gallons per day of available capacity. The plant appears to be functioning well with regards to its SPDES limits.
Contact Notes	Jim Cunningham - Madison County Sewer District (315 655-2261)

ELECTRIC

Provider	National Grid
3 Phase Voltage (V)	13.2kV (Overhead) / 480 (Underground) / 240 (Underground)
3 Phase Proximity to Site	Adjacent
Singe Phase Voltage (V)	N/A
Singe Phase Proximity to Site	N/A
Comments	National Grid provides overhead electric lines along State Route 20. In addition, 240V as well as 480V underground electric lines service the Site.

Trush Business Park

GAS

Provider	National Grid
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Type	Natural Gas
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Proximity to Site	Adjacent
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Pipe Size (in)	2
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Pressure (psi)	24
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Comments	A 2" line located within the site is supplied by a 8" main located along Seneca Turnpike.
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TELECOMMUNICATIONS

Provider	Verizon
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Proximity to Site	Adjacent
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Comments	
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INTERNET

Provider	Verizon / Time Warner Cable
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Proximity to Site	Adjacent
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Comments	
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DEVELOPMENT IMPLICATIONS SUMMARY

Water	public water is not available at the site
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Sewer	- the Village of Cazenovia WWTP has only 100,000 gallons per day of available capacity remaining
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Correct
