

# Onondaga County Special Address File (SPAD)

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### *Identification\_Information:*

#### *Citation:*

##### *Citation\_Information:*

*Originator:* Onondaga County Department of Planning

*Publication\_Date:* Unpublished Material

*Title:* Onondaga County Special Address File (SPAD)

*Geospatial\_Data\_Presentation\_Form:* vector digital data

#### *Description:*

##### *Abstract:*

The Onondaga County Department of Planning (OCDOP) has developed a comprehensive point file to complement the main street centerline file and various thematic overlay files used by the 911 CAD system and other County geographic applications. The special address file (SPAD) had been under development for several years and has been modified to meet the changing needs of various data users. The initial development phase was completed in 2012.

The special address file is a shape file of residential, commercial and institutional points within Onondaga County. The points consist of address information, links to the real property information system (RPIS), a link to the centerline street file, and a detailed type classification. The file is a public file and intended for a variety of users and applications.

Like the centerline file, the SPAD file was created using ESRI GIS software and is based on the best available digital orthogonal imagery files. The points are generally located at the main access location of those points that are structures. Placement of the points has been aided by imagery from Pictometry and Google's street view. The address component of the files is designed to be consistent with the address information contained in the street centerline file. Both point and line files are intended to be compatible with USPS standards. The SPAD file has a

robust type classification scheme that allows for elaborate selection of subsets of places. For example points may be selected by land use type (two-family houses, for example), or function (schools, churches, fire houses, etc). Every SPAD record contains the real property account number, which will allow direct interface with other info systems based on a parcel model.

*Purpose:*

The Onondaga County Special Address file is designed as an address management tool for a wide variety of applications.

*Supplemental\_Information:*

Zone 4826 (Central New York) of the State Plane Coordinate System (NAD83).

*Time\_Period\_of\_Content:*

*Time\_Period\_Information:*

*Single\_Date/Time:*

*Calendar\_Date:* 2023

*Currentness\_Reference:* publication date

*Status:*

*Progress:* Complete

*Maintenance\_and\_Update\_Frequency:* Continually

*Spatial\_Domain:*

*Bounding\_Coordinates:*

*West\_Bounding\_Coordinate:* -76.498296

*East\_Bounding\_Coordinate:* -75.892311

*North\_Bounding\_Coordinate:* 43.270323

*South\_Bounding\_Coordinate:* 42.769923

*Keywords:*

*Theme:*

*Theme\_Keyword\_Thesaurus:* None

*Theme\_Keyword:* Addresses

*Place:*

*Place\_Keyword:* Onondaga County

*Place\_Keyword:* New York State

*Place\_Keyword:* City of Syracuse

*Place\_Keyword:* Town of Camillus

*Place\_Keyword:* Town of Cicero

*Place\_Keyword:* Town of Clay

*Place\_Keyword:* Town of Dewitt

*Place\_Keyword:* Town of Elbridge

*Place\_Keyword:* Town of Fabius

*Place\_Keyword:* Town of Geddes

*Place\_Keyword:* Town of LaFayette

*Place\_Keyword:* Town of Lysander

*Place\_Keyword:* Town of Manlius

*Place\_Keyword:* Town of Marcellus

*Place\_Keyword:* Town of Onondaga

*Place\_Keyword:* Town of Otisco

*Place\_Keyword:* Town of Pompey  
*Place\_Keyword:* Town of Salina  
*Place\_Keyword:* Town of Skaneateles  
*Place\_Keyword:* Town of Spafford  
*Place\_Keyword:* Town of Tully  
*Place\_Keyword:* Town of Van Buren  
*Place\_Keyword:* Village of Baldwinsville  
*Place\_Keyword:* Village of North Syracuse  
*Place\_Keyword:* Village of Liverpool  
*Place\_Keyword:* Village of Elbridge  
*Place\_Keyword:* Village of Jordan  
*Place\_Keyword:* Village of Camillus  
*Place\_Keyword:* Village of Solvay  
*Place\_Keyword:* Village of East Syracuse  
*Place\_Keyword:* Village of Minoa  
*Place\_Keyword:* Village of Fayetteville  
*Place\_Keyword:* Village of Manlius  
*Place\_Keyword:* Village of Skaneateles  
*Place\_Keyword:* Village of Marcellus  
*Place\_Keyword:* Village of Tully  
*Place\_Keyword:* Village of Fabius  
*Place\_Keyword:* Onondaga Nation Territory

*Access\_Constraints:*

Data is owned by the Onondaga County Department of Planning (OCDOP). Data can be obtained from OCDOP upon request.

*Use\_Constraints:*

The Onondaga County Special Address (SPAD) file may not be redistributed without prior consent from OCDOP.

*Point\_of\_Contact:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* Onondaga County Department of Planning

*Contact\_Person:* Don Jordan

*Contact\_Position:* Deputy Director

*Contact\_Address:*

*Address\_Type:* mailing and physical address

*Address:* 335 Montgomery Street

*City:* Syracuse

*State\_or\_Province:* NY

*Postal\_Code:* 13202

*Country:* USA

*Contact\_Voice\_Telephone:* (315) 435-2611

*Contact\_Facsimile\_Telephone:* (315) 435-2439

*Native\_Data\_Set\_Environment:*

Microsoft Windows Vista Version 6.1 (Build 7601) Service Pack 1; ESRI ArcCatalog 9.3.1.3000

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*Data\_Quality\_Information:*

*Positional\_Accuracy:*

*Horizontal\_Positional\_Accuracy:*

*Horizontal\_Positional\_Accuracy\_Report:*

Address points are visually compared to ensure agreement with New York State digital orthoimagery.

*Quantitative\_Horizontal\_Positional\_Accuracy\_Assessment:*

*Horizontal\_Positional\_Accuracy\_Value:* Generally  $\pm 4$  feet in urban areas and  $\pm 8$  feet in rural areas

*Horizontal\_Positional\_Accuracy\_Explanation:* No quantitative tests

*Lineage:*

*Process\_Step:*

*Process\_Description:*

The SPAD file is a second-generation geo file that has evolved from a file of common places. The original file focused on landmark buildings like schools, office buildings, and fire stations. As digital imagery became available it became feasible to extend the scope of the file. The file structure was established to meet the needs of the 911 CAD system. Parcel centroid and selected data attributes were imported from the Onondaga County and City of Syracuse Real Property Information System (RPIS). Once imported into the system the addresses were normalized and the points moved from the parcel center to the main access site where appropriate. This process involved detailed review of address information. Telephone data base (ANI/ALI), Polk directories and other detailed sources were consulted and reconciled. In the case of non-residential and multi-residential points, the RPIS data was significantly modified and extended. The SPAD file has significantly more features than the parcel file. The linkage between parcel information and the SPAD file is maintained wherever possible. This linkage should help in maintaining the point file and to improve usage for non-emergency applications. The Planning Agency intends to maintain the file from various information sources (building permits, telephone data base). The file will also be expanded to include sub address locations (apartment units, commercial suites) as appropriate.

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*Spatial\_Data\_Organization\_Information:*

*Direct\_Spatial\_Reference\_Method:* Vector

*Point\_and\_Vector\_Object\_Information:*

*SDTS\_Terms\_Description:*

*SDTS\_Point\_and\_Vector\_Object\_Type:* Entity point

*Point\_and\_Vector\_Object\_Count:* 174054

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*Spatial\_Reference\_Information:*

*Horizontal\_Coordinate\_System\_Definition:*

*Planar:*  
*Map\_Projection:*  
*Map\_Projection\_Name:* Transverse Mercator  
*Transverse\_Mercator:*  
*Scale\_Factor\_at\_Central\_Meridian:* 0.999938  
*Longitude\_of\_Central\_Meridian:* -76.583333  
*Latitude\_of\_Projection\_Origin:* 40.000000  
*False\_Easting:* 820208.333333  
*False\_Northing:* 0.000000  
*Planar\_Coordinate\_Information:*  
*Planar\_Coordinate\_Encoding\_Method:* coordinate pair  
*Coordinate\_Representation:*  
*Abcissa\_Resolution:* 0.000000  
*Ordinate\_Resolution:* 0.000000  
*Planar\_Distance\_Units:* survey feet  
*Geodetic\_Model:*  
*Horizontal\_Datum\_Name:* North American Datum of 1983  
*Ellipsoid\_Name:* Geodetic Reference System 80  
*Semi-major\_Axis:* 6378137.000000  
*Denominator\_of\_Flattening\_Ratio:* 298.257222

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*Entity\_and\_Attribute\_Information:*

*Detailed\_Description:*

*Entity\_Type:*

*Entity\_Type\_Label:* address\_points

*Attribute:*

*Attribute\_Label:* FID

*Attribute\_Definition:* Internal feature number.

*Attribute\_Definition\_Source:* ESRI

*Attribute\_Domain\_Values:*

*Unrepresentable\_Domain:*

Sequential unique whole numbers that are automatically generated.

*Attribute:*

*Attribute\_Label:* Shape

*Attribute\_Definition:* Feature geometry.

*Attribute\_Definition\_Source:* ESRI

*Attribute\_Domain\_Values:*

*Unrepresentable\_Domain:*

Coordinates defining the features.

*Attribute:*

*Attribute\_Label:* LONGNAME

*Attribute\_Definition:*

This is a simple alpha string for the place name. Used for non-residential points only, the names follow various informal syntax

rules that were evolved over time by request from 911 dispatch operations.

*Attribute:*

*Attribute\_Label:* ST\_NUMBER

*Attribute\_Definition:*

The main address number of point (must be whole integer value only. No alpha or fractions).

*Attribute:*

*Attribute\_Label:* ST\_NAME

*Attribute\_Definition:*

Simple address string in format: Prefix, Name, Type, Sfx. Useful for map labeling and address matching functions.

*Attribute:*

*Attribute\_Label:* MCDNAME

*Attribute\_Definition:*

Alpha string of town, village or city

*Attribute:*

*Attribute\_Label:* ZIPCODE

*Attribute\_Definition:*

Main 5 digit zip code value of point.

*Attribute:*

*Attribute\_Label:* PROP\_ADD

*Attribute\_Definition:*

Concatenated Address Number and Street Name

*Attribute:*

*Attribute\_Label:* CITY

*Attribute\_Definition:*

City Address is located in (if applicable)

*Attribute:*

*Attribute\_Label:* TOWN

*Attribute\_Definition:*

Town address is located in (if applicable)

*Attribute:*

*Attribute\_Label:* VILLAGE

*Attribute\_Definition:*

Village address is located in (if applicable)

*Attribute:*

*Attribute\_Label:* OTHER

*Attribute\_Definition:*

Other municipal jurisdiction (if applicable)

*Attribute:*

*Attribute\_Label:* CDP\_NAME

*Attribute\_Definition:*

2020 U.S. Census Designated Place (if applicable)

*Attribute:*

*Attribute\_Label:* TRACT\_ID

*Attribute\_Definition:*  
2020 U.S. Census Tract ID

*Attribute:*

*Attribute\_Label:* BLKGRP\_ID

*Attribute\_Definition:*  
2020 U.S. Census Block Group ID

*Attribute:*

*Attribute\_Label:* TRACT\_NUM

*Attribute\_Definition:*  
2020 U.S. Census Tract number

*Attribute:*

*Attribute\_Label:* BLKGRP\_NUM

*Attribute\_Definition:*  
2020 U.S. Census Block Group number

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*Distribution\_Information:*

*Distributor:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* Onondaga County Department of Planning

*Contact\_Person:* Don Jordan

*Contact\_Position:* Deputy Director

*Contact\_Address:*

*Address\_Type:* mailing and physical address

*Address:* 335 Montgomery Street

*City:* Syracuse

*State\_or\_Province:* NY

*Postal\_Code:* 13202

*Country:* USA

*Contact\_Voice\_Telephone:* (315) 435-2611

*Contact\_Facsimile\_Telephone:* (315) 435-2439

*Resource\_Description:*

*Distribution\_Liability:*

Onondaga County makes no warranty as to the accuracy or completeness of the county's special address file, and will not be held responsible for any omissions or inaccuracies. Data is intended for general planning purposes only.

*Standard\_Order\_Process:*

*Digital\_Form:*

*Digital\_Transfer\_Information:*

*Transfer\_Size:* 4.648

*Ordering\_Instructions:* Contact the Onondaga County Department of Planning

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*Metadata\_Reference\_Information:*

*Metadata\_Date:* 2023

*Metadata\_Contact:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* Onondaga County Department of Planning

*Contact\_Person:* Don Jordan

*Contact\_Position:* Deputy Director

*Contact\_Address:*

*Address\_Type:* mailing and physical address

*Address:* 335 Montgomery Street

*City:* Syracuse

*State\_or\_Province:* NY

*Postal\_Code:* 13202

*Country:* USA

*Contact\_Voice\_Telephone:* (315) 435-2611

*Contact\_Facsimile\_Telephone:* (315) 435-2439

*Metadata\_Standard\_Name:* FGDC Content Standards for Digital Geospatial Metadata

*Metadata\_Standard\_Version:* FGDC-STD-001-1998

*Metadata\_Time\_Convention:* local time

*Metadata\_Extensions:*

*Profile\_Name:* ESRI Metadata Profile

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