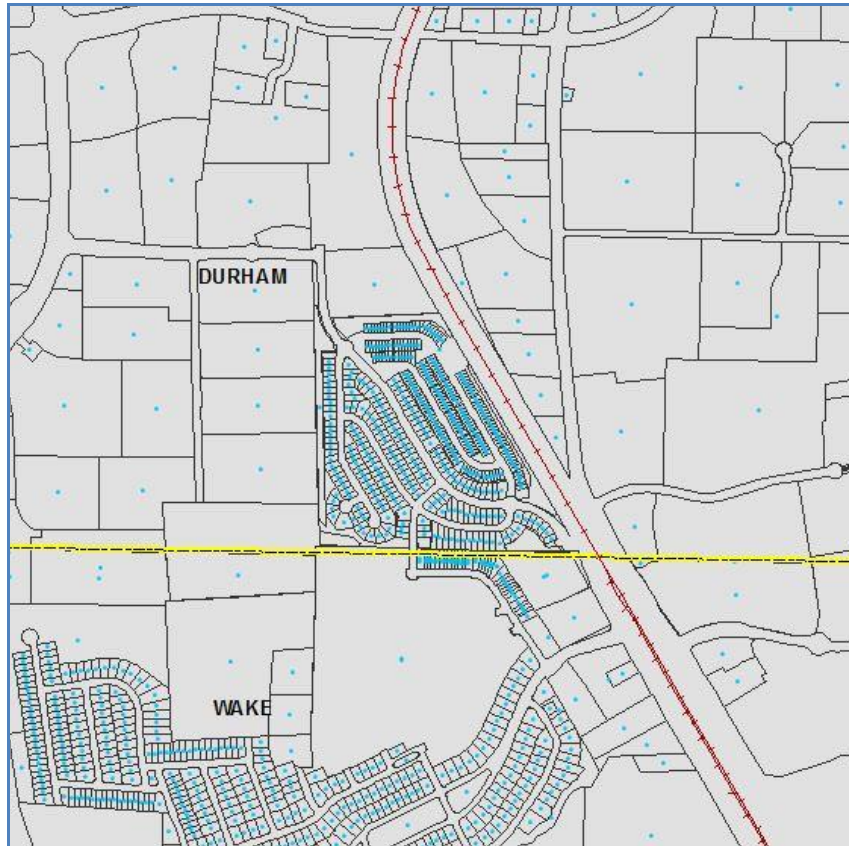


**Appendix A**  
**Core Parcel Data Element Definitions**  
**Master Schema**

**NC Parcel Data Transformer**

**April 2014**

**Revised September 2015, November 2017 and April 2019**



North Carolina Integrated Cadastral Data Exchange

Funded by US EPA Grant 83431001

## EPA Parcels Project - Core Parcel Data Element Definitions

Geographic features provided as *CoreParcelPolygons* or *CoreParcelPoints* have the elements displayed in Table 1 in the core parcel definitions. These elements represent the Master Schema applied in the NC Parcels Data Transformer and the EN REST service registered in the Exchange Network Discovery Services.

The required elements for a given service or data exchange may be less than the full set of elements, for example the information on subsurface owner may not be needed for all applications. Also, content provided by data sources will vary by source and may not include values for all elements.

The file naming convention for shapefiles produced by the Transformer is `nc_countyname_parcels_poly_YYYY_MM_DD` and `nc_countyname_parcels_pt_YYYY_MM_DD`, for example, `nc_henderson_parcels_poly_2015_09_10.shp`. The shapefile will have multiple file types.

Table 1 - Elements of the Master Schema			
Element	Type	Description	Alias Name
STNAME	String (2)	The state name.	State Name
STFIPS	String (2)	The state FIPS <sup>1</sup> code, 2-digit code.	State FIPS Code
CNTYNAME	String (50)	The county name.	County Name
CNTYFIPS	String (3)	The county FIPS code 3-digit code.	County FIPS Code
STCNTYFIPS	String (5)	The state and county FIPS codes combined as a single field. Used to relate and link the parcel information to other records. It creates a unique national parcel identifier when used as a prefix to the local parcel number.	State-County FIPS

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<sup>1</sup> The term FIPS Code reflects the terminology in the current FGDC Cadastral Data Content Standard version 1.4.

<b>Element</b>	<b>Type</b>	<b>Description</b>	<b>Alias Name</b>
GNISID	Integer (long)	The Geographic Names Information System identifier for the local place for the parcel. The default value is the county GNIS number but as this data set develops, individual parcels may have a GNIS identifier, such as local parks or attractions.	GNIS Identifier
SOURCEAGNT	String (100)	The originating agency or source of the information for the feature or the data steward for data set.	Source
PARNO	String (100)	The local parcel number for the parcel record.	Local Parcel Number
NPARNO	String (100)	The local parcel number with the state and county FIPS added to the beginning of the local parcel number.	National Parcel Number
ALTPARNO	String (100)	Alternative or local parcel number.	Alternate Parcel Number
PARUSECODE	String (50)	The local assessment parcel use code, this is the primary land use, such as residential, agriculture, forestry, commercial, etc.	Tax Parcel Use Code
PARUSEDESC	String (100)	The local assessment parcel use description of primary land use, such as residential, agriculture, forestry, commercial, etc.	Tax Parcel Use Code Description
PARUSECD2	String (100)	A code for the primary use of structure(s) or activity on a parcel such as single-family residential, retail, manufacturing, agricultural, etc.	Second Tax Parcel Use Code

<b>Element</b>	<b>Type</b>	<b>Description</b>	<b>Alias Name</b>
PARUSEDSC2	String (50)	A description of the primary use of structure(s) or activity on a parcel such as single-family residential, retail, manufacturing, agricultural, etc.	Second Tax Parcel Use Description
STRUCT	String (1)	Is there a structure or improvement on the parcel? (Y = yes or N =no or U = unknown, this is the default value)	Structure Indicator
MULTISTRUC	String (1)	Does this parcel have multiple structures? (Y = yes or N = no or U = Unknown, the default value). If there are multiple structures but the total number is not known, the value = Y and STRUCTNO will be U. If the number of structures is known, the value = Y and STRUCTNO will be greater than 1.	Multiple Structures
STRUCTNO	Integer (long)	The number of structures on the parcel. This is populated when the source data indicates how many structures. This is used primarily to support emergency planning and response. If structure number greater than 1 then MULTISTRUC = yes.	Number of Structures
STRUCTYEAR	Integer (long)	The year built of the primary building on the parcel.	Structure Year
PARVALTYPE	String (50)	The type of value reported in the parcel value fields such as assessed, market, or appraised value.	Type of Value Reported

<b>Element</b>	<b>Type</b>	<b>Description</b>	<b>Alias Name</b>
IMPROVVAL	Double	The value of the improvements on the parcels in dollars.	Improved Value
LANDVAL	Double	The value of the land on the parcel in dollars.	Land Value
PARVAL	Double	The total value of the parcel (IMPROVVAL + LANDVAL) in dollars.	Parcel Value
PRESENTVAL	String (1)	Is the property in Present Use Value, Y or N? Present use may be for agriculture, forestry, or horticulture; this field is merely an indicator that the land value has a deferment to reflect the present land use, not a potential developed use.	Present Use Value
OWNTYPE	String (50)	The owner type (e.g., federal, state, private, etc.) The domain of values for this attribute may be international, tribal, federal, state, county, local, private, non-profit, other, unknown. This may also be just public/private/exempt.	Owner Classification or Type
OWNNAME	String (200)	The primary surface owner name, the full name may be populated or the components of the name (first and last).	Full Owner Name
OWNNAME2	String (200)	A second owner name from the source data if not included in the primary owner name.	Full Second Owner Name
OWNFRST	String (100)	The primary surface owner first name.	Owner First Name
OWNLAST	String (100)	The primary surface owner last name.	Owner Last Name
SUBSURFOWN	String (200)	The name of the subsurface rights landowner.	Subsurface Owner
SUBOWNTYPE	String (50)	The subsurface owner type (see surface owner type domain list).	Subsurface Owner Type

<b>Element</b>	<b>Type</b>	<b>Description</b>	<b>Alias Name</b>
MAILADD	String (200)	The full mailing address as a single field (the mailing address may also be broken into its component parts; the source data may include the full mailing address, or its component parts or both).	Full Mailing Address
MADDNO	String (10)	The mailing address number.	Mailing Address Number
MADDSTNAME	String (100)	The mailing street name, with prefixes and suffixes.	Mailing Street Full Name
MADDPREF	String (5)	The mailing street prefix.	Mailing Address Prefix
MADDSTR	String (50)	The mailing street name, the name without the type and directions.	Mailing Address Street Name
MADDSTTYP	String (10)	The mailing street type, such as ST, AVE, BLVD.	Mailing Address Street Type
MADDSTSUF	String (10)	The mailing street suffix, typically a direction.	Mailing Address Street Suffix
MUNIT	String (10)	The mailing address unit, suite or apartment number; may also be the half number.	Mailing Address Unit Number
MCITY	String (100)	The mailing city name.	Mailing Address City
MSTATE	String (2)	The mailing state name, two letter abbreviation.	Mailing Address State
MZIP	String (15)	The mailing zip code.	Mailing Address Zip
SITEADD	String (200)	The full site address as a single field (the mailing address may also be broken into its component parts; the source data may include the full site address, or its component parts or both).	Full Site Address
SADDNO	String (10)	The site address number.	Site Address Number

<b>Element</b>	<b>Type</b>	<b>Description</b>	<b>Alias Name</b>
SADDSTNAME	String (100)	The full site address street name with prefixes and suffixes.	Site Street Full Name
SADDPREF	String (5)	The site address street prefix.	Site Address Prefix
SADDSTR	String (50)	The site address street name, the name without the type and directions.	Site Address Street Name
SADDSTTYP	String (10)	The site address street type, such as ST, AVE, BLVD.	Site Address Street Type
SADDSTSUF	String (10)	The site address street suffix, typically a direction.	Site Address Street Suffix
SUNIT	String (10)	The site address unit, suite or apartment number; may also be the half number.	Site Address Unit Number
SCITY	String (100)	The site address city name.	Site Address City
SSTATE	String (2)	Default to NC, the site should be in the state but there be border situations where this needs to be tracked; two-letter abbreviation.	Site Address State
SZIP	String (15)	This may not be the same as the mailing address zip code. If maintained and available, this supports physical address delivery and the vehicle tax system.	Site Address Zip
LEGDECFULL	String (255)	The full tax legal description - this is generally needed when the parcel data does not include a map of the parcel.	Full Legal Description
SUBDIVISIO	String (200)	The name of the subdivision or condo that the parcel is in.	Subdivision Name
SOURCEREF	String (50)	The reference to the source document. This could be a reference to a map or plat or a deed as well as the document type.	Source Doc Link or Reference

Element	Type	Description	Alias Name
SOURCEDATE	Date	The date of the source document (listed in the source reference) that was used to generate the parcel information.	Source Doc Date
SOURCEDATX	String (15)	The source document date as a text field.	Source Doc Date Text
MAPREF	String (50)	Map reference (e.g., plat book and plat page)	Map Reference
SALEDATE	Date	The date of the last sale if available, as a date field.	Last Sale Date
SALEDATETX	String (15)	The date of the last sale if available, as a text field.	Last Sale Date Text
RECREANO	Double	The record or recorded area as a numeric field in acres, formerly indicated as deed acres.	Record Area Number
RECREATX	String (20)	The record or recorded area as a text field. This may include the units of area as well.	Record Area Text
GISACRES	Double	The area of the feature in acres, computed from GIS, not the recorded area. Formerly indicated as Calc Acres.	GIS Area Acres
REVDATETX	String (15)	The date of the last revision of the parcel record as a text field.	Revised Date text
REVISEYEAR	String (4)	The year of the last revision of the parcel record if date is not available.	Revised Year
REVISEDATE	Date	The date of the last revision of the parcel record, this will primarily be the revision for the geometry.	Revised Date
TRANSFDATE	Date	The date the source parcel file was transformed to standardized fields.	Transform Date

For more information about the NC Parcels Program, contact Jeff Brown at the NC Center for Geographic Information and Analysis. [jeff.brown@nc.gov](mailto:jeff.brown@nc.gov)



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The Core Parcel Data Element Definitions were developed by Nancy von Meyer of Fairview Industries, Inc. in collaboration with the NC Statewide Mapping Advisory Committee's Working Group for Seamless Parcels.

The NC OneMap Geospatial Portal provides public discovery and access to NC Parcels web services and downloadable data.

NC Parcels Program partners include the Land Records Management Program in the Department of the Secretary of State, NC Department of Transportation, NC Department of Agriculture and Consumer Services, and the Center for Geographic Information and Analysis, with oversight by the NC Geographic Information Coordinating Council.