

Content Elements for Statewide Publication of Core Geospatial Parcel Data Version 1

(Proposed by the NC Statewide Mapping Advisory Committee)

***Adopted May 11, 2005 by the
NC Geographic Information Coordinating Council***

Cadastral core data is a minimum set of attributes about land parcels that is used for publication and distribution of cadastral information by cadastral data producers and maintainers. The core data is intended to provide sufficient information to support integrating basic land parcel information across jurisdictional boundaries and answering fundamental questions for business processes that need cadastral information. This document contains descriptions of the elements for parcels that may be provided by local data producers to integrate parcel information across the region. More detailed information will always be gathered from the data producer.

The following are UNDERLYING ELEMENTS for the Mapping of Parcels

In order to integrate information across the state and build a seamless parcel map for North Carolina the parcel needs to be tied to a common coordinate system. The National Standards specify the elements for this common reference. *North Carolina counties already meet all of these national specifications, which include:*

The National Spatial Reference System (NSRS) - This is coordinated and managed by the National Geodetic Survey and provides a consistent and uniform definition of coordinate system, datums and monumented points throughout the country. *In North Carolina, this is supported by the work of the NC Geodetic Survey.*

Orthophotography - This is orthophotography at one foot or smaller resolution that is tied to the NSRS and is current. The orthophotography includes the underlying terrain model to support the generation of the orthophotography and basic terrain information such as break lines. *In North Carolina, the NC Land Records Management Program maintains specifications (revised August 2004) for the collection of orthophotography for the purpose of land records management in local government and that meet these guidelines. There are existing orthophotographs that were captured at two foot resolution.*

A reference system such as a State Plane Coordinate System that is divided into map sheets. *In North Carolina, the NC State Plane Coordinate system is used as a grid reference for the creation of map sheets.*

A metadata reference will describe the parcel dataset for any given jurisdiction and will meet Federal Geographic Data Committee Content Standard for Digital Geospatial Metadata. It will contain information about the entire data set such as county name, county parcel contact, a description of the basis for the assessment system (cost, use, market value etc), the date of the file. – *In North Carolina, the Center for Geographic Information & Analysis provides support and guidance.*

The following are desirable **PUBLICATION ELEMENTS** that meet common producer and stakeholder needs for sharing, display, and use of geospatial parcel data, especially to cast into regional and statewide applications (Example: NC OneMap National Map).

Parcel Outline (Polygon)	This is the geographic extent of the parcel, the parcel boundaries forming a closed polygon
Parcel Centroid	A point within the parcel that can be used to link related data
Parcel ID	A unique identifier for the parcel as defined by the jurisdiction. It should be unique across the jurisdiction
Parcel ID Alternate	A alternate unique identifier for the parcel as defined by the jurisdiction. It should be unique across the jurisdiction
Owner Name	An indication of the owner name
Owner's Mailing Address	This is the US Postal address for the owner, which is not the tax bill mailing address in all cases.
Parcel Street Address	This is the street address (site address) for the parcel. If there is more than one select the first site address.
Subdivision Name	This is the name of the subdivision or condominium name in which the parcel is located
Land Area	The area of land as indicated in deeds or the survey.
Source Reference	This is a pointer to or an attribute describing the source reference for the parcel.
Source Reference Date	The date of the geometry source reference referred to in the Source Reference (Date of deed or plat)
Owner Type	The type of ownership is the classification of owner or exempt status.
Improvement	This is an attribute to indicate whether or not there is an improvement on the parcel
Assessment / Value for Land Information	This is the value of the land only
Assessment / Value for Improvements Information	This is the value of improvements
Assessment / Value Total	This information is the total value
Assessment / Value Classification	This is the assessment or tax classification of the parcel. These are typically very general and used by assessors (wooded, open, water, farmland).
Parcel Zoning	This is the current land use zoning classification for the parcel. There may be more than one zoning classifications for a parcel, include them all.

Note: Appropriate disclaimers and source information on assessment elements will be recorded in metadata.

An Example for North Carolina using the PUBLICATION ELEMENTS

Element	Type	Field Name	Example Entry
Parcel Outline (Polygon)	Geometric	N/A	N/A
Parcel Centroid	Geometric	N/A	N/A
Parcel Identification	Attribute	PIN#	0754054071
Parcel Identification Alternate	Attribute	PIN#Alt	1000-1000-02
Owner Name	Attribute	OwnName	Geo, Mary & Charles
Owner's Mailing Address	Attribute	Address1 Address2 City State Zip	PO Box 96 Sharppoint NC 46821-6709
Parcel Street Address	Attribute	Address1 Address2 City State Zip	104 Beacon Way Onemapcity NC 13206-6027
Subdivision Name	Attribute	SubDiv	Red Mountain
Land Area from Deed or Survey	Attribute	Larea	0.4886
Source Reference	Attribute	Deed Book Page	6982/0441
Source Reference Date	Attribute	Date	19780415
Owner Type or Exempt Status	Attribute	OwnType	Exempt
Improvement	Attribute	Improve	Yes
Assessment / Value - Land	Attribute	Assess\$Land	163800
Assessment / Value - Improvement	Attribute	Assess\$Impr	274051
Assessment / Value - Total	Attribute	Assess\$Total	437851
Assessment Value Classification	Attribute	Assess\$Class	Wooded
Parcel Zoning	Attribute	Zoning	R-30

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