
Mapping Session

**What Can I Use All
This Mapping For?**

Presented by Troy Frazier, OTC

**Troy Frazier, CMS
Cartographer
Ad Valorem Division**

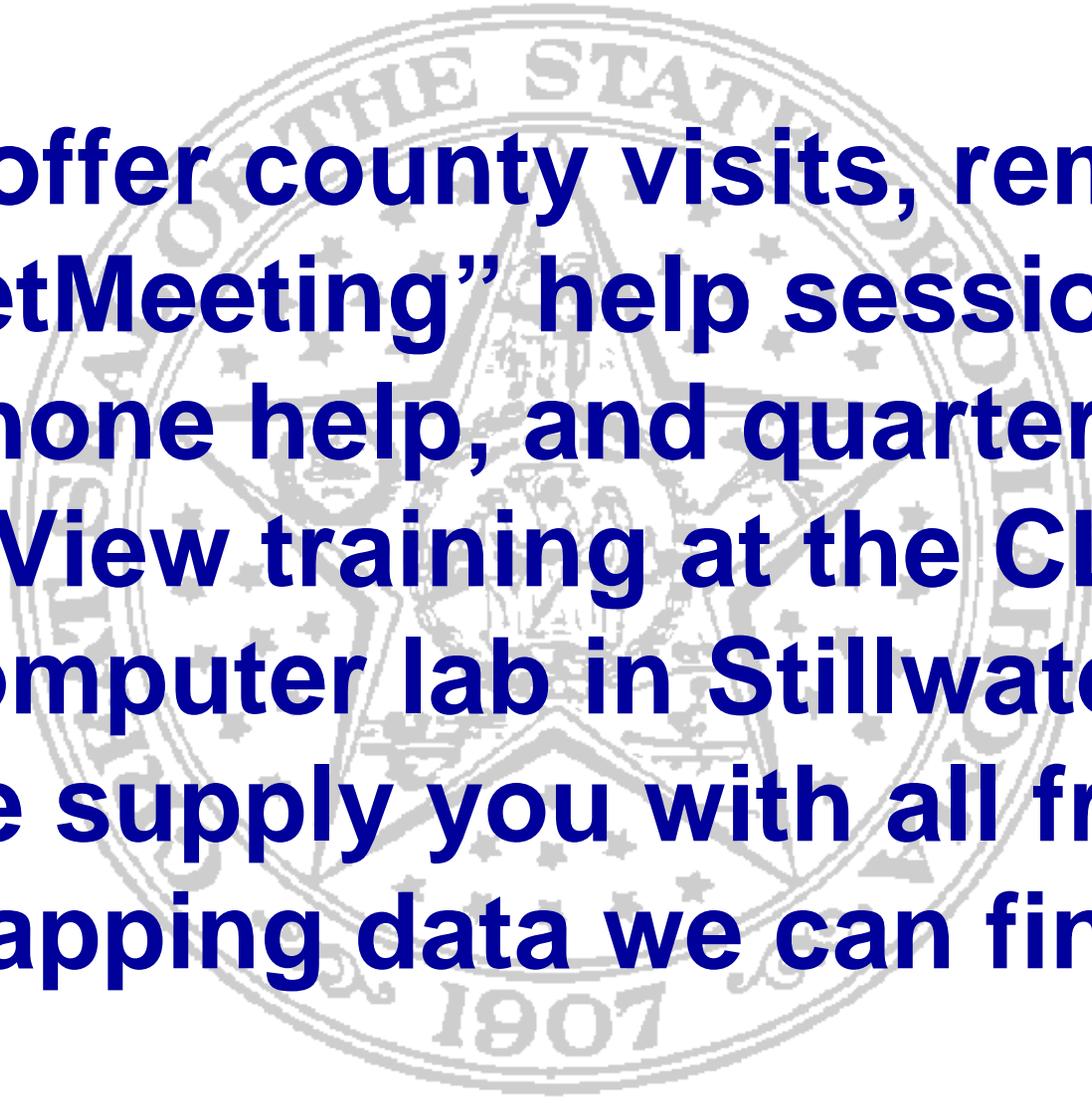
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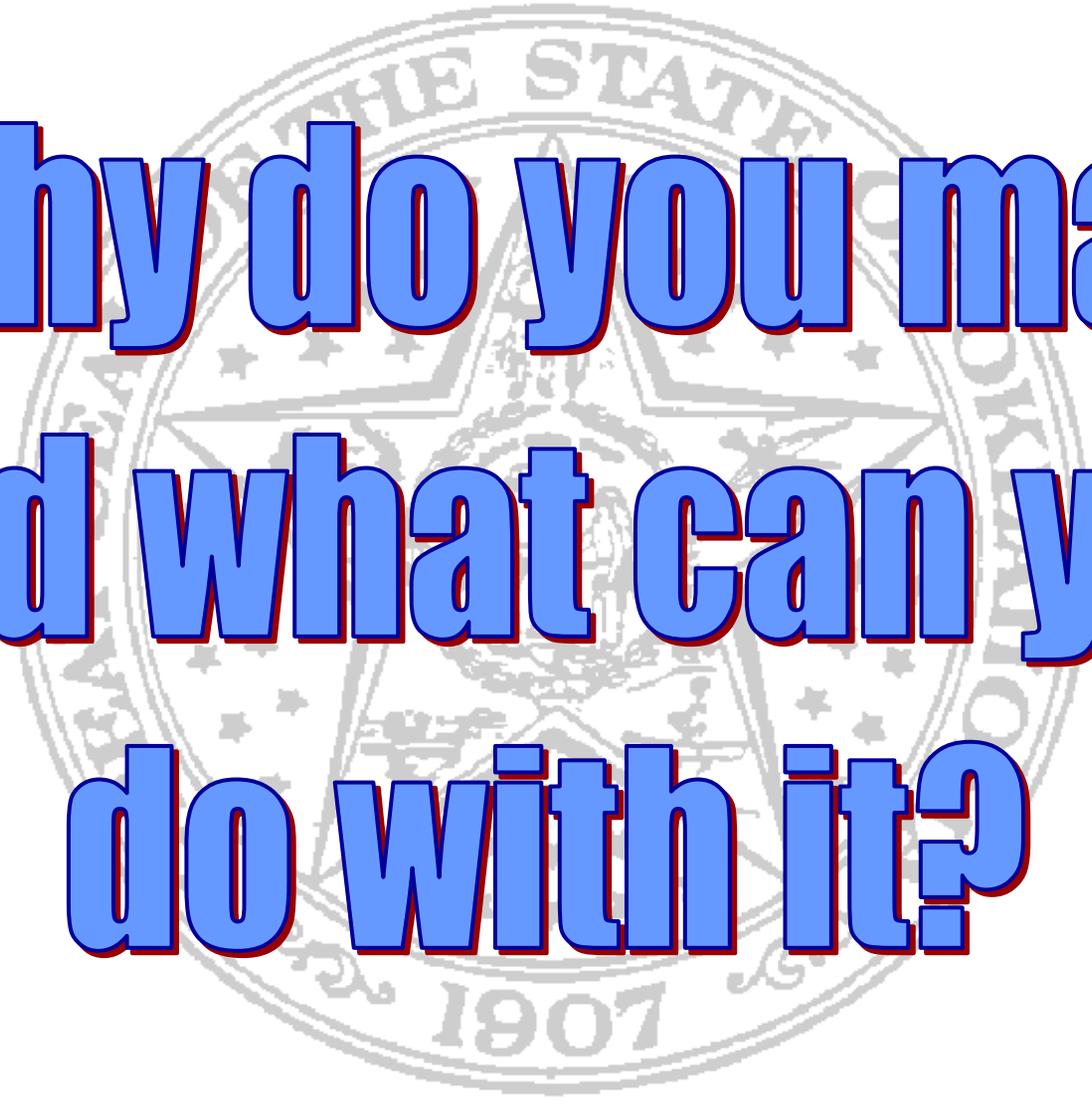
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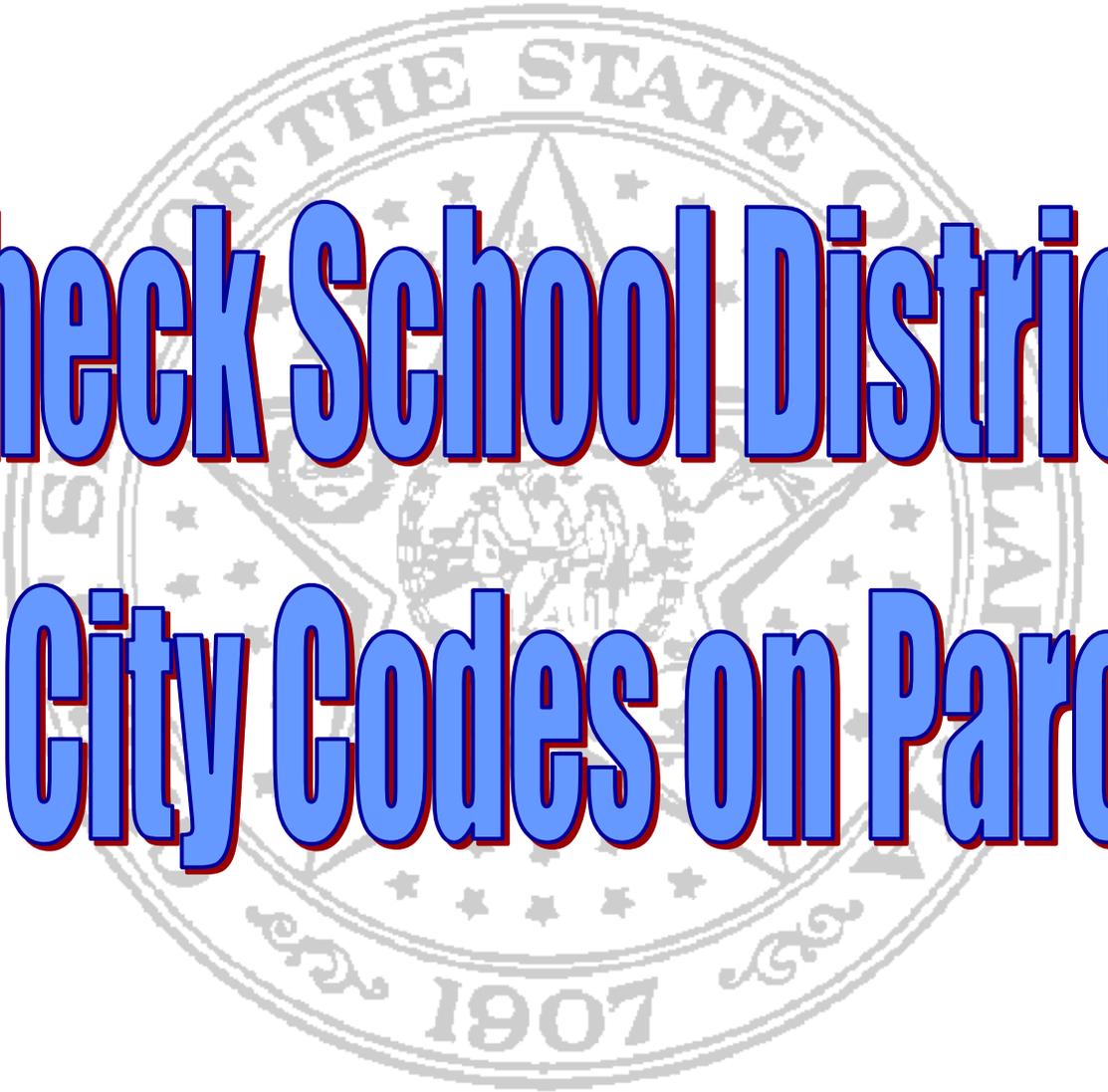
PO Box 269060, Oklahoma City, Ok 73126-9060

The seal of the State of Oklahoma is visible in the background, featuring a central figure holding a scale and a sword, surrounded by the text "THE STATE OF OKLAHOMA" and the year "1907".

We offer county visits, remote “NetMeeting” help sessions, phone help, and quarterly ArcView training at the CLGT computer lab in Stillwater. We supply you with all free mapping data we can find.



**Why do you map
and what can you
do with it?**

The background features a large, faint, circular seal of the State of Illinois. The seal contains the text "OFFICE OF THE STATE CLERK" at the top, "ILLINOIS" on the right side, and "1818" at the bottom. In the center, there is a figure holding a scale and a sword, surrounded by stars.

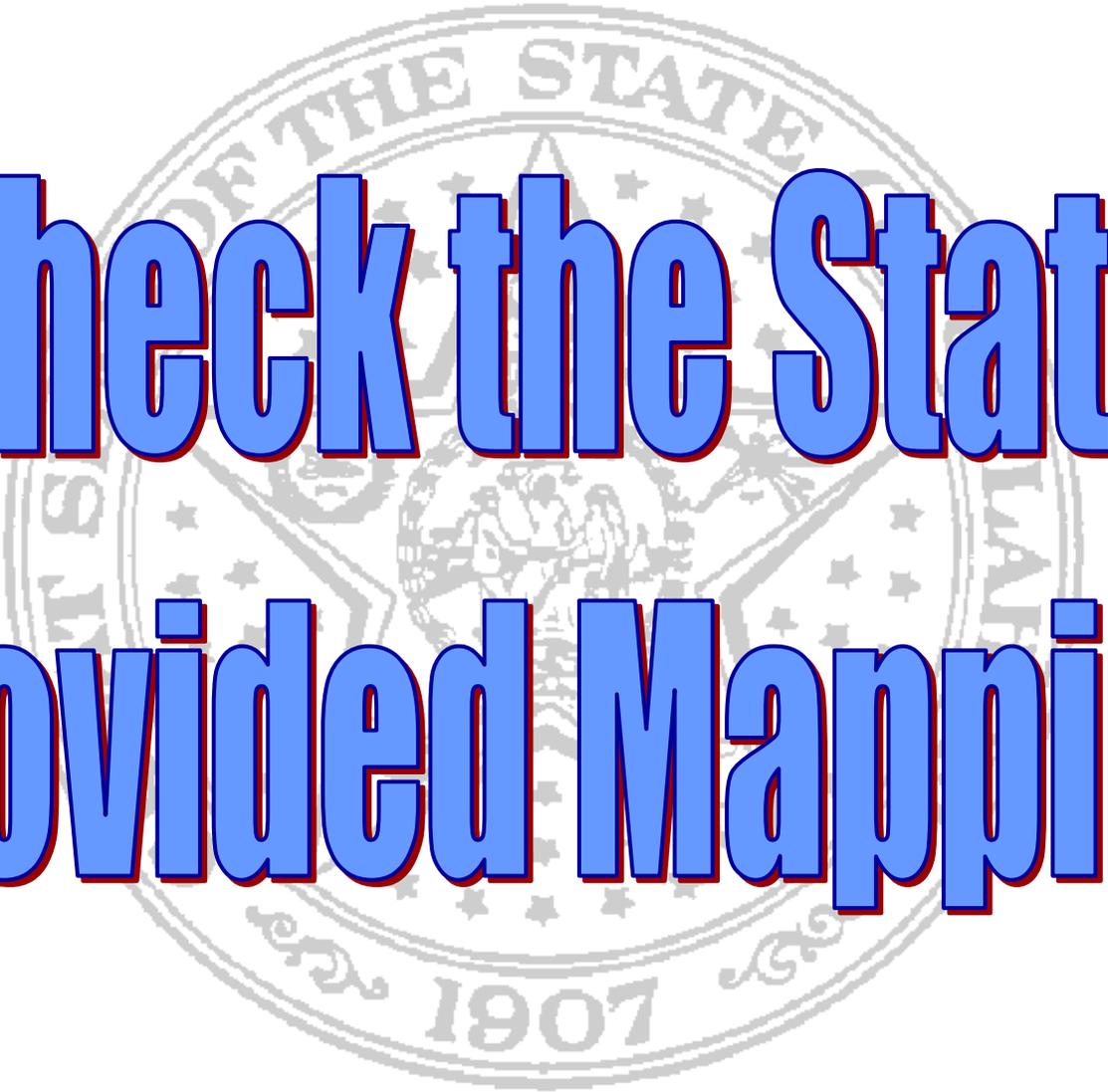
Check School District and City Codes on Parcels

Title 68

Article 28. Ad Valorem Taxes

§2815.2. County Assessor Maintain Current Boundary Description of School Districts.

The county assessor shall maintain and use the current boundary descriptions of each and every school district or part of a district in the county furnished by the State Department of Education pursuant to Section 4-104 of Title 70 of the Oklahoma Statutes.

The background features a faint, circular seal of the State of Tennessee. The seal contains the text "THE GREAT SEAL OF THE STATE OF TENNESSEE" around the top and "1796" at the bottom. In the center is a figure holding a plow and a sheaf of wheat, with a star above. The text "Check the State Provided Mapping" is overlaid on the seal.

**Check the State
Provided Mapping**

Title 11

Article 21. Cities and Towns

§21-112. Record Regarding Territory Annexed or Detached.

When any territory is annexed to or detached from a municipality, whether by ordinance or court order, the mayor shall file and record a duly certified copy of the ordinance or court order, together with an accurate map or plat of the territory, in the office of the county clerk of the county in which the territory, or the greater portion of it, is located and with the Ad Valorem Division of the Oklahoma Tax Commission. The record in the office of the county clerk shall be conclusive evidence of such annexation or detachment.

The background features a faint, circular seal of the State Board of Equalization. The seal contains a five-pointed star in the center, surrounded by the text "THE STATE BOARD OF EQUALIZATION" and the year "1907".

**Assist With Fair and
Equitable Valuation
of Property**

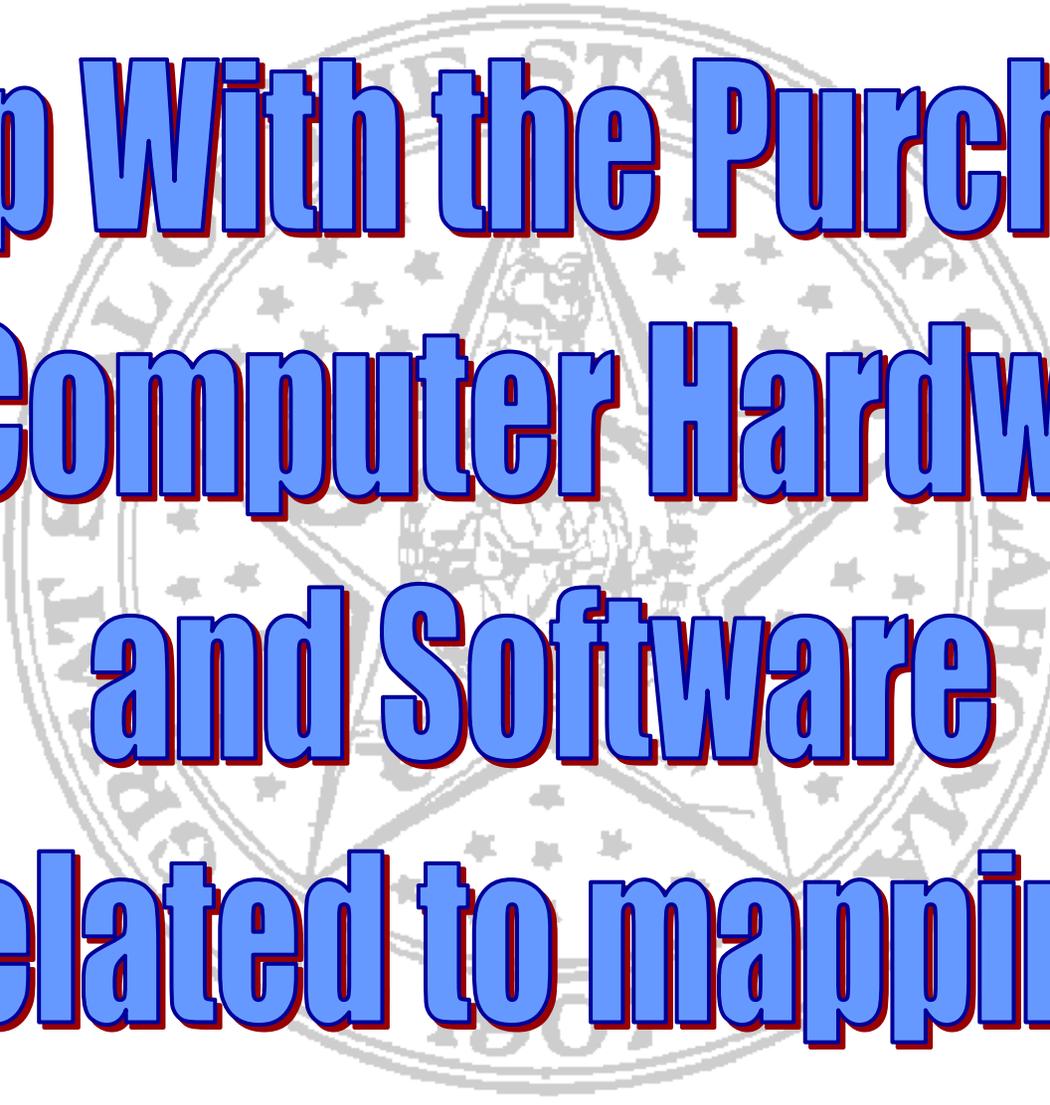
Title 68

Article 28. Ad Valorem Taxes

§2821. Physical Inspection of Real Property - Recording of Information – Comprehensive Sales File - **Drafting Facilities.**

- A.** Each county assessor shall cause real property to be physically inspected as part of the visual inspection cycle and shall require such examination as will provide adequate data from which to make accurate valuations.
- B.** The information gathered from the physical inspection shall be relevant to the type of property involved, its use category, the valuation methodology to be used for the property, whether the methodology consists of the cost approach, an income and expense approach or sales comparison approach, and shall be complete enough in order to establish the fair cash value of the property in accordance with accepted standards for mass appraisal practice.
- C.** Information gathered during the physical inspection shall be recorded using a standard method as prescribed by the Oklahoma Tax Commission in computerized or noncomputerized form. The information may include property ownership, location, size, use, use category, a physical description of the land and improvements or such other information as may be required.
- D.** In order to conduct the visual inspections of real property during the four-year cycle, **each county assessor shall acquire and maintain cadastral maps** and a parcel identification system. **The standards for the cadastral maps and the parcel identification system shall be uniform for each county of the state and shall be in such form as developed by the Ad Valorem Task Force.**
- E.** The county assessor shall maintain a comprehensive sales file for each parcel of real property within the county containing relevant property characteristics, sales price information, adjustments to sales price for purposes of cash equivalency, transaction terms and such other information as may be required in order to establish the fair cash value of taxable real property.

Each county assessor shall ensure that the office is equipped with adequate drafting facilities, tools, equipment and supplies in order to produce or update maps, sketches or drawings necessary to support the proper administration of the ad valorem tax and such other tools or equipment as may be required to perform duties imposed by law for the discovery and valuation of taxable property.



**Help With the Purchase
of Computer Hardware
and Software
(related to mapping)**

Title 68

Article 28. Ad Valorem Taxes

§2829.1. **County Assessor Fee Revolving Fund.**

There is hereby created in the office of the county treasurer a revolving fund for the office of the county assessor, to be designated the "**County Assessor Fee Revolving Fund**". The fund shall be a continuing fund, not subject to fiscal year limitations, **and shall consist of all fees collected by the assessor and all monies accruing to the fund**. Monies deposited to the fund shall be expended by the county assessor and **shall not be transferred to any other account for a purpose other than:**

- 1. For maintenance, replacement and upgrade of computer hardware and software associated with county assessor databases and geographic information systems; and**
- 2. To provide products and services generated from the database and geographic information system to both public and private parties.**

The intent of this section is to increase the net funding level available to the county assessor to maintain electronic databases and geographic information systems as required pursuant to Section 2829 of this title.

Title 28

Section 60. Ad Valorem Taxes

§60. County Assessor Fee Guide.

All county assessors **shall charge and collect the following flat fees** to be uniform throughout the state, and the county assessor shall not be required to itemize or charge these fees pursuant to any other schedule, except as specifically provided by law:

For furnishing all records available for copying; in paper form and in a size 8 1/2" x 14" or smaller, and in one color on white paper, per page the fee shall be as provided in the Oklahoma Open Records Act, Section 24A.1 et seq. of Title 51 of the Oklahoma Statutes;

For furnishing standard maps; in paper form and **in one color on white paper or blue line**, per map and in the following standard sizes when available:

- | | |
|---|---------|
| 1. 'A' size approximately 8 1/2" x 11"..... | \$5.00 |
| 2. 'B' size approximately 11" x 17" | |
| 'C' size approximately 17" x 22" | |
| 'D' size approximately 22" x 34"..... | \$7.00 |
| 3. 'E' size approximately 34" x 44"..... | \$10.00 |

Individual property owners obtaining records for their own records shall be exempt from the provisions of this section.



**Some of What You
Have at Your Disposal**

The seal of the State of Iowa is visible in the background, featuring a central figure holding a bow and arrow, surrounded by stars and the text "THE STATE OF IOWA" and "1846".

The yearly Mapping Support DVD-ROM's



This DVD-ROM contains:

- 2008aerials (1 meter mosaic color aerials)
- 2006aerials (2 meter mosaic color aerials)
- 2005aerials (2 meter mosaic color aerials)
- 2004aerials (2 meter mosaic color aerials)
- 2003aerials (1 meter mosaic color aerials)
- 1995aerials (1 meter mosaic black white aerials)
- ROADS (2002 Census Road Layer)
- RAILROAD (2002 Census Railroad Layer (if applicable))
- WATER (pre-2000 Census Hydrology (Water) Layer)
- SOILS (NRCS Digitized Soil Map Layer)
- OTC-SCH ("official" school district boundaries)
- OTC-PREC (precinct boundaries)
- OTC-CITY (incorporated city limits)
- OTC-FEMA (FEMA flood map "FIRM" boundaries (if available))
- TatukGIS (a free mapping display program)

There are two directories on this CD:

First, in the "TatukGIS" directory is an installation program for a map viewer. You can install TatukGIS viewer by running the program called "TatukGIS_VWR_1_12_0_365.exe".

Second, the "UTM" directory contains the above mentioned layers. This set of mapping layers is in "shapefile" format to be used in the TatukGIS viewer and ESRI products.

All of these layers are the most current available.

The background of the slide features a large, faint watermark of the Seal of the State of Oklahoma. The seal is circular and contains a five-pointed star in the center. The words "THE STATE OF OKLAHOMA" are written around the perimeter of the seal, and the year "1907" is at the bottom. The seal is rendered in a light gray color.

Digital Aerial Photography

Rectified Photos

Ortho-Photos

Digital Aerial Photography

Digital aerial photography is any aerial photography available in a digital (or computer) format. These photos could be take by anything from a crop duster to a satellite in space. These photos can vary in quality and purpose. These photos can have anywhere from 10 meter to a half foot resolution. They can be in color or black and white. They can have some, most, or none of the distortions removed. They can be projected in Oklahoma State Planes, Albers, UTM, or not at all.

Rectified Photos

Rectified photos have some of the distortions removed. They have the “tilt” (the camera on the plane not being level with the earth) displacements removed. This allows you to accurately measure acreages and distances off the aerials and accurately match property boundaries on flat land. However, use it at your own risk for hilly country. This type of aerial photography is what was supplied to most counties in 1991-93 by the OTC.

Ortho-Photos

Ortho-photos have most of the distortions removed. They have the “tilt” (the camera on the plane not being level with the earth) and “relief” (the earth not being flat like the photo paper) removed. This allows you to accurately measure acreages and distances off the aerials and accurately match property boundaries. This type of aerial photography is the most useful for us. You should have copies of the 1995’s, 2003’s, 2004’s, 2005’s, 2006’s, and 2008’s.

The 1995 Aerial Photography

In 1999, the State of Oklahoma agreed to pay for half of \$7 million needed to process the 1995, black & white, leaf-off, 1-meter aerial photo flight for the entire state. In 2000 & 2001, these aerial photos were supplied to you by the Tax Commission.

The 2003 Aerial Photography

In 2003, the FSA (Farm Services Administration), the NRCS (Natural Resources Conservation Service), and several county assessors agreed to pay for a new color, leaf-on, 1-meter aerial photo flight for the entire state. As soon as the photos became public-domain, they were supplied to all the counties.

The 2004 Aerial Photography

In 2004, the FSA (Farm Services Administration) flew their color, leaf-on aerial photography without any partnerships. As a result, the photos were processed as 2-meter resolution instead of 1-meter. These photos were supplied to the counties this year.

The 2005 Aerial Photography

In 2005, the FSA (Farm Services Administration) once again flew their color, leaf-on aerial photography without any partnerships. And again, the photos were processed as 2-meter. These photos were supplied to the counties this year.

The 2006 Aerial Photography

In 2006, the FSA (Farm Services Administration) once again flew their color, leaf-on aerial photography without any partnerships. And again, the photos were processed as 2-meter. These photos were supplied to the counties this year.

The 2007 Aerial Photography

None was flown.

The 2008 Aerial Photography

In 2008, the FSA (Farm Services Administration) once again flew their color, leaf-on aerial photography without any partnerships. This time, the photos were processed as 1-meter. These photos were supplied to the counties this year.

The 2009 Aerial Photography

None was flown.

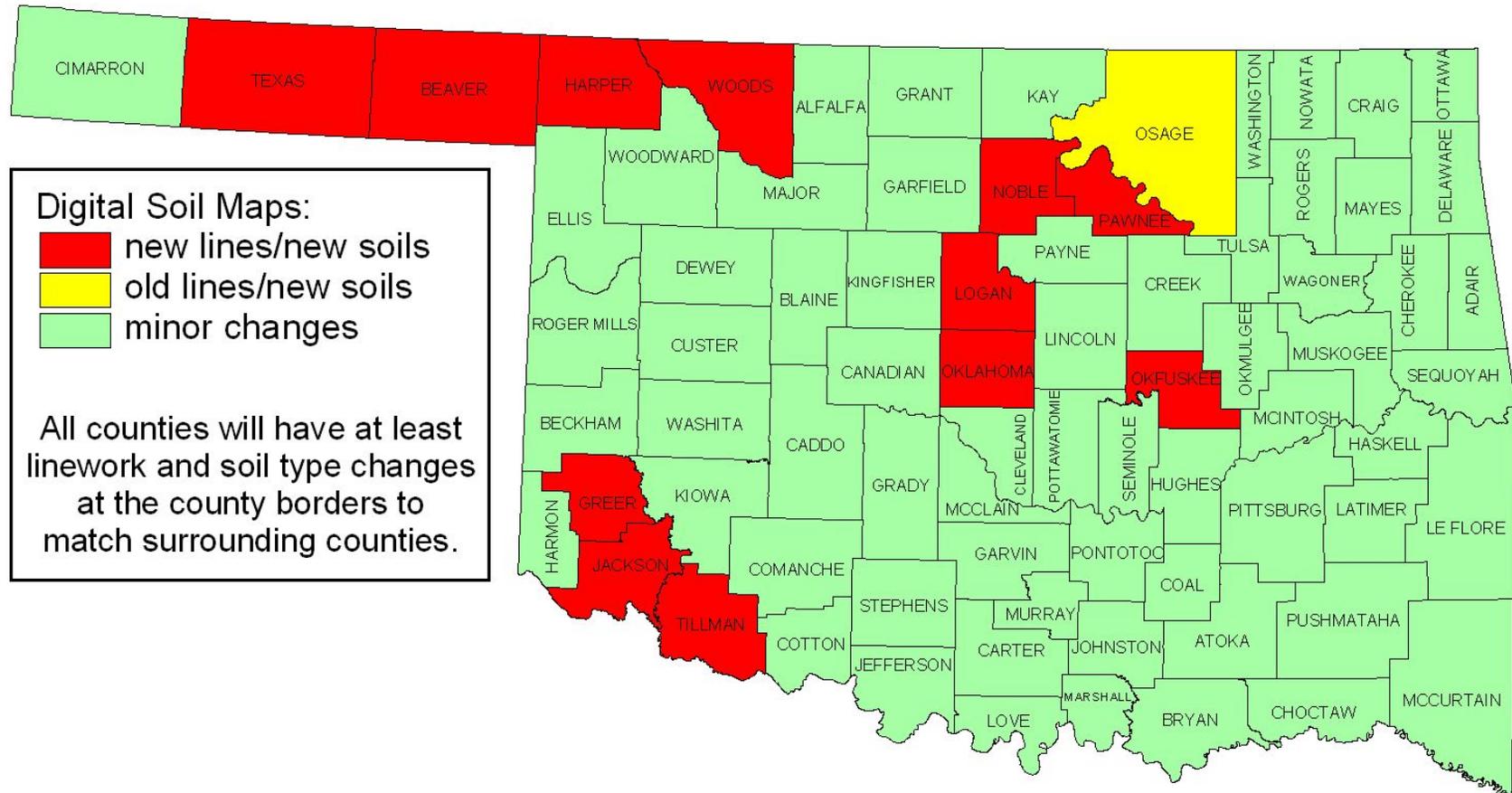
The 2010 Aerial Photography

In 2007, the FSA (Farm Services Administration) decided to fly better resolution (1-meter), color, leaf-on aerial photography. Their plan was to fly each state once every three years. Our last flight was the 2008's. Our next flight may be as early as Spring 2010 but is actually scheduled for Spring 2011.

The Digital Soil Layer

The NRCS (Natural Resources Conservation Service) started converting their soil books into digital mapping layers during the 1990's. All 77 counties are now digitized. Having a digital soil layer, a parcel layer, and a land use layer allows automated ag land valuation based on approved State methodology.

Status of Soil Maps



Map created by the Ad Valorem Division of OTC, June 24, 2008
Jeff Spelman, CAE, Director - Phone (405) 319-8200

Let's Not Forget:

Parcels

Lots

Blocks

Subdivisions

Roads

Etc...

