

911 / GIS INTERACTION

**CRITICAL DATA
EXCHANGE FOCUSING
ON SAVING LIVES**

**THIS IS THE “HOW” &
“WHY”**



CHEROKEE COUNTY

911

914 S COLLEGE AVE STE 911

TAHLEQUAH, OK 74464



What we do



What we do

- All 911 calls in Cherokee County come into our center.
- Our communications center is staffed 24/7/365 with 3 to 4 licensed, highly trained communications officers on duty at all times.
- We are the Hub for all emergency communications in Cherokee County and Tahlequah.

M.A.K.1 We are NOT on scene communications although we do relay information to other agencies as needed.

Exe: Rural Electric CO-OPs, Gas Authorities, Red Cross, City and County administrators, etc.

Marty A. Kimble, 2/14/2012

Responsibilities

- We are responsible for providing life saving pre-arrival care and instructions for Medical, Fire, and Police Emergencies.
- We extract, prioritize, and process information from Reporting parties and relay to Emergency Crews en-route to the scene.
- We also insure they have the fastest route to the scene via the most accurate up-to-date maps possible.

OUR CAPABILITIES

- Phase 2 Enhanced 911 (E-911)
- Computer Aided Dispatch (CAD)
- Emergency Medical Dispatch (EMD)
- Emergency Fire Dispatch (EFD)
- Pictometry interface with CAD
- Currently demoing Mobile CAD solutions

2011 CALL VOLUME

- 69,747 Total Incoming calls into the center.
- 25,260 Total 911 calls.
- 19,938 Actual dispatched calls. This does not include TPD, Out-of-county FD's or EMS.



THE MOTIVATION



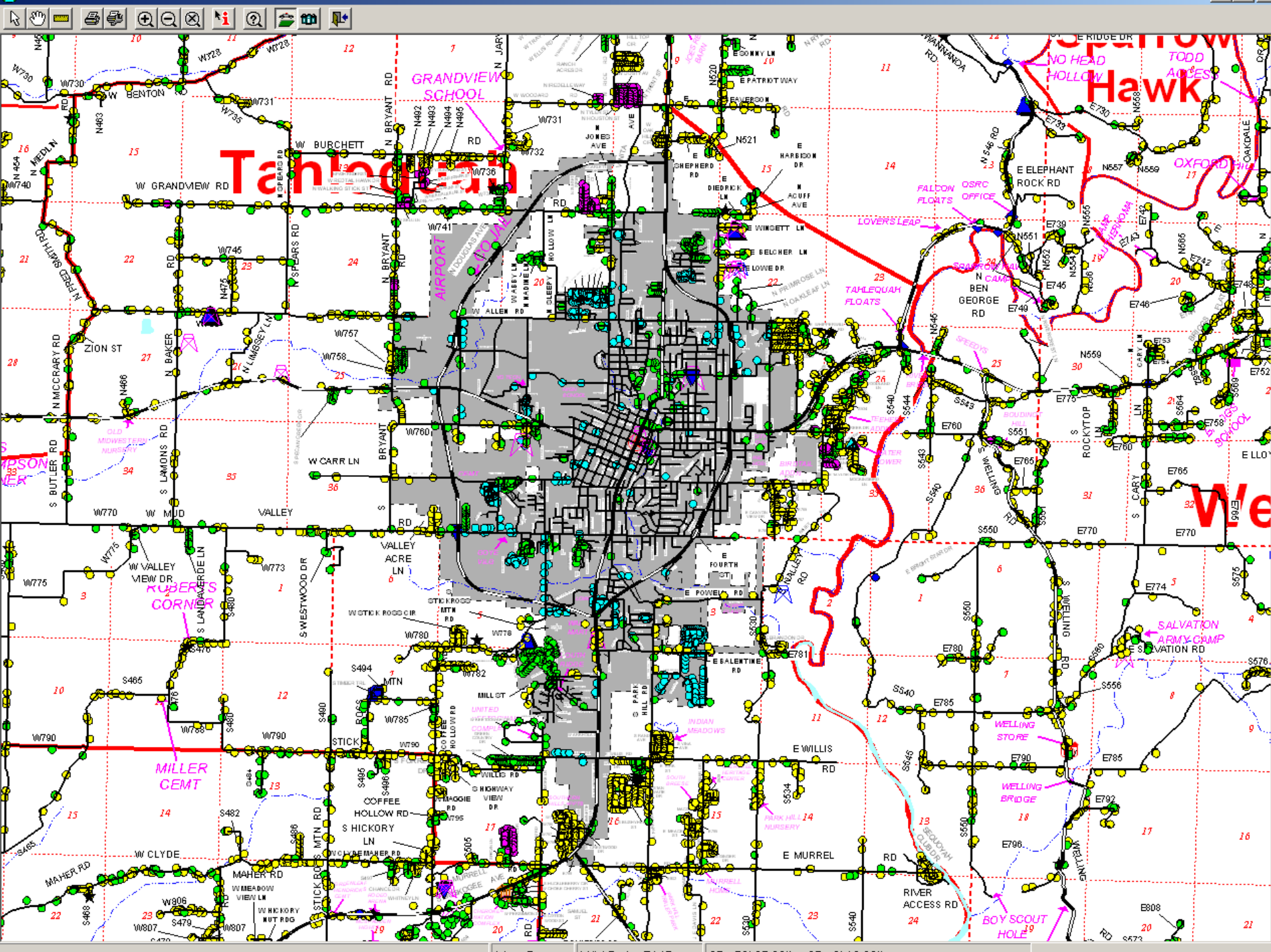
NOT ALL 911 CENTERS ARE THE SAME

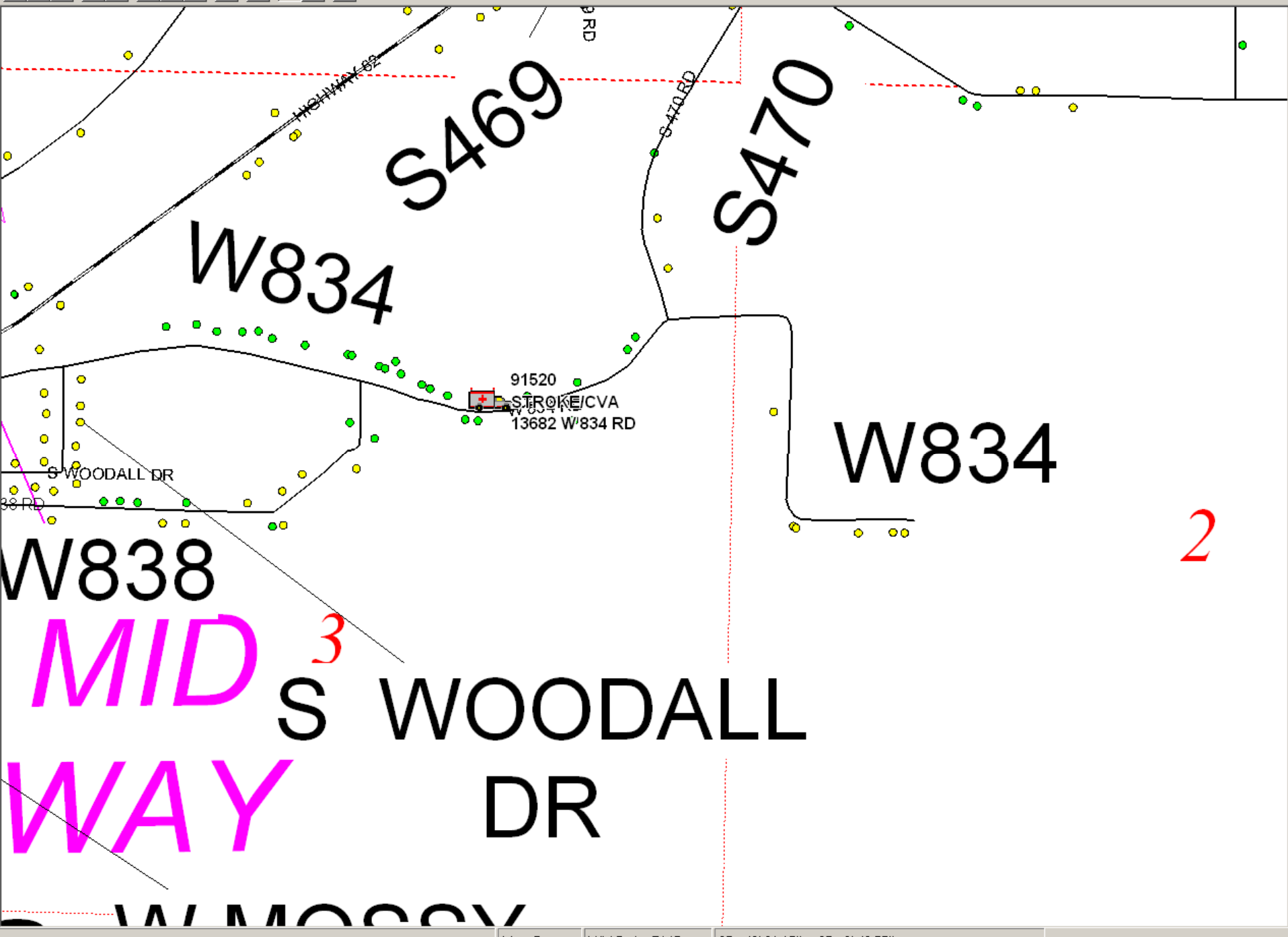
- Modern 911 technology can be broken down into three levels, the most basic and widespread of which tells dispatchers the phone number and address of land-line calls.
- At the next level is Enhanced 911 Phase I, as it is called, which provides the call-back number of wireless callers and the location of the cellular tower their signal has reached. Phase II provides a more precise location, accurate within 7 to 300 meters depending on the technology the carrier has chosen.

CC911 MAPPING PROGRESSION

- At the end of 1998 CC911 Hired a third party addressing firm to address all of Cherokee County; hence doing away with rural routes and assigning GPS locatable address.
- The addressing was 'supposedly' 95% complete in Jan. of 2001. In Feb. they were released from their contract.

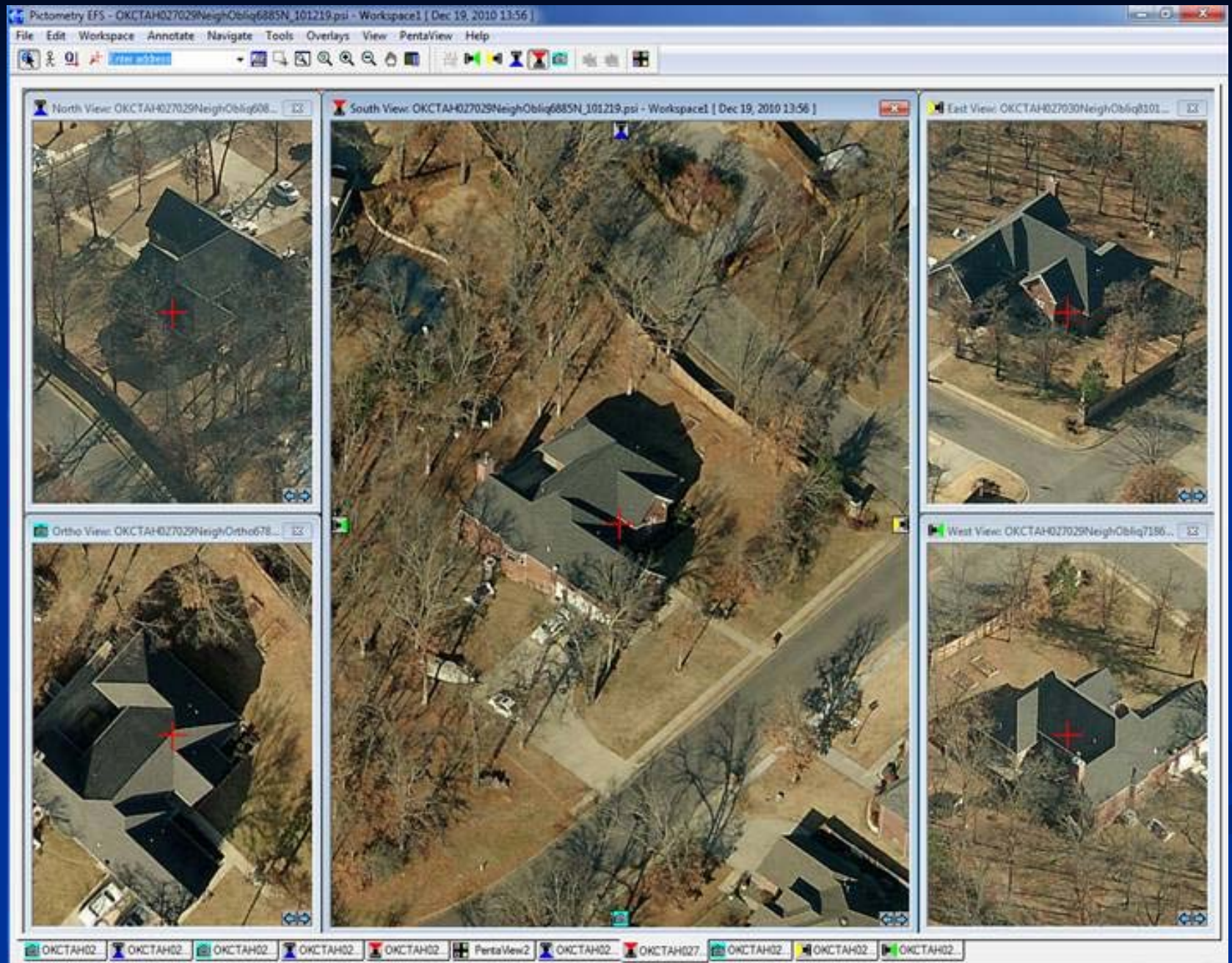
- In 2000 CC911 received a grant for \$100,000.00 to purchase new phone equipment, install a third dispatcher seat and ***purchase new mapping software and equipment!***
- We are currently using MapInfo 11.5 to develop our maps and GeoComm software to address.
- We do the addressing for ALL of Cherokee County including Tahlequah and Hulbert.
- Thus allowing for Phase 2, Enhanced 911 service.





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Cherokee County E-911

- City and County Addressing schemes

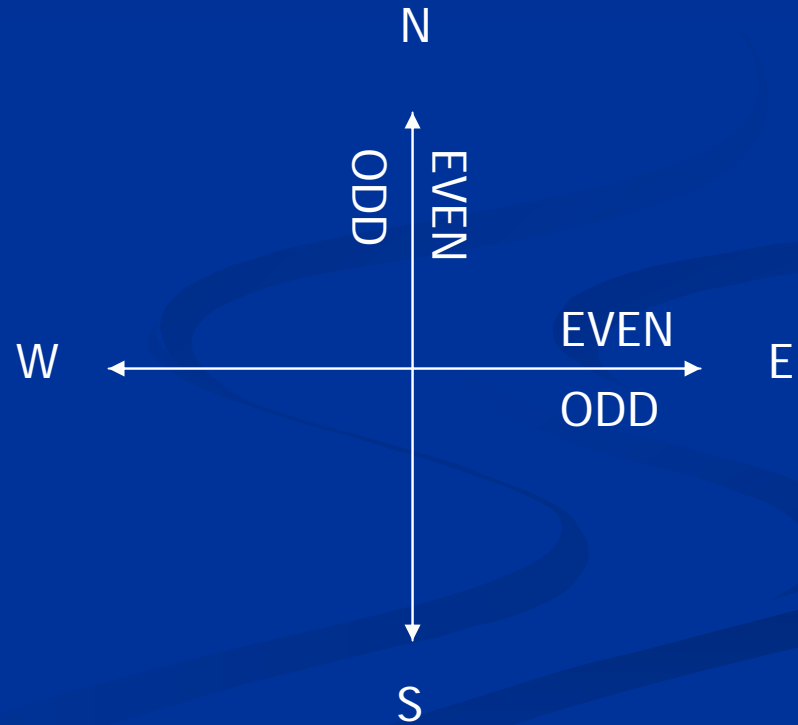
Cherokee County Addressing

- Addressing origin
 - North County line
 - West County Line
- Address's ascend East, descend West
- Address's ascend going South, descend North

Cherokee County

Addressing/Roads

- 1,000 address #'s in one mile, 500 ODD and 500 Even.
One address per 10.5 ft
- East/West Roads
- North EVEN #
- South ODD #
- North/South Roads
- West ODD #
- East EVEN #



ROD NEAL

911 Coordinator

Ottawa County, OK

MARTY KIMBLE

911 Coordinator

Cherokee County, OK

