

# 1870 to 2010 Managing Oklahoma Land Boundaries

- Degeneration of Public Land Survey Corners
- How to remedy the problem
  - State Plane Coordinates
  - Roadway Construction Provisions
  - Digital Survey Drawings



# Degeneration of PLS Corners

- Time
- Road Construction
- Surveyors not filing Corners
- Multiple Corners at a single location



# State Plane Coordinates

- Make use of OPUS-No need for expensive and redundant control network
- Assign SPC to all section and quarter corners using a state licensed land surveyor familiar with Geodetic Control.
- Re-file all section corner and quarter corner locations with the state.
- Allows future surveyors and GIS administrators to follow in the footsteps with less effort and greater precision.



# Road Construction

- Have special provisions that require section and quarter corners to be re-established back to their original location after roadway construction by a registered land surveyor



# Digital Survey Drawings

- Require all surveys to be performed on SPC system grid
- New subdivisions ACAD drawing to be provided to GIS administrators
- Any lot splits
- Possibly any survey performed



