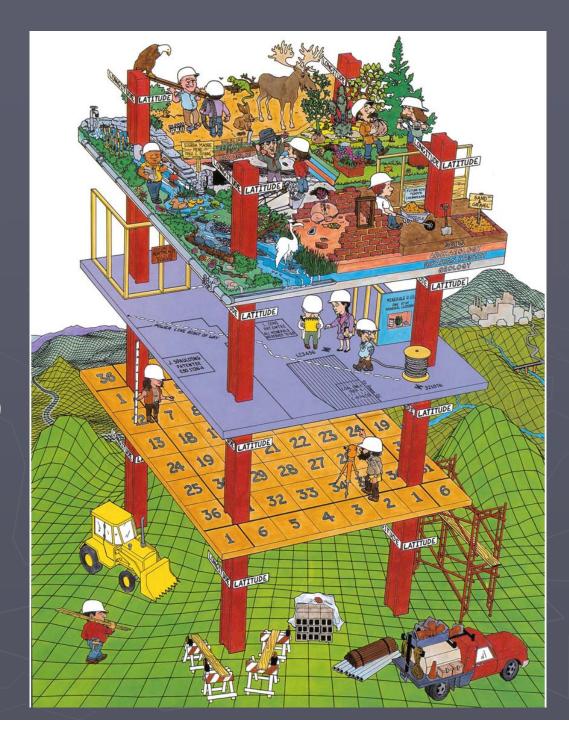


#### BIA Midwest GIS Round Table Discussion





## Topics of Discussion

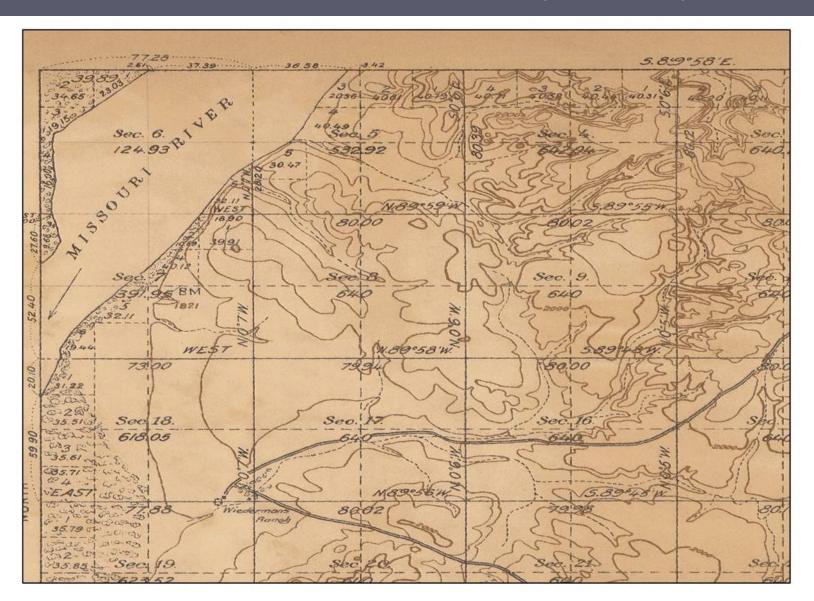
- ► What does BIA Nationally have for GIS information?
- ► What does Midwest have for GIS Information?
- ► What are Midwest's goals for GIS?
- ► What do Tribes have for GIS Information?
- What are Tribe's goals for GIS Information?
- How do we move forward to share data?

### GIS at BIA National level

- Branch of Geospatial Support
  - ▶ Under Division of the Land Titles and Records.
  - Provides Software, Training, & Support.
  - ► GCDB Mapping from Buy Back Program.
  - ► Efforts begun to graphically represent TAAAM Parcel Information from Buy Back Mapping.
  - ▶ Planned maintenance of data.
  - Currently no GIS shared layers or data.

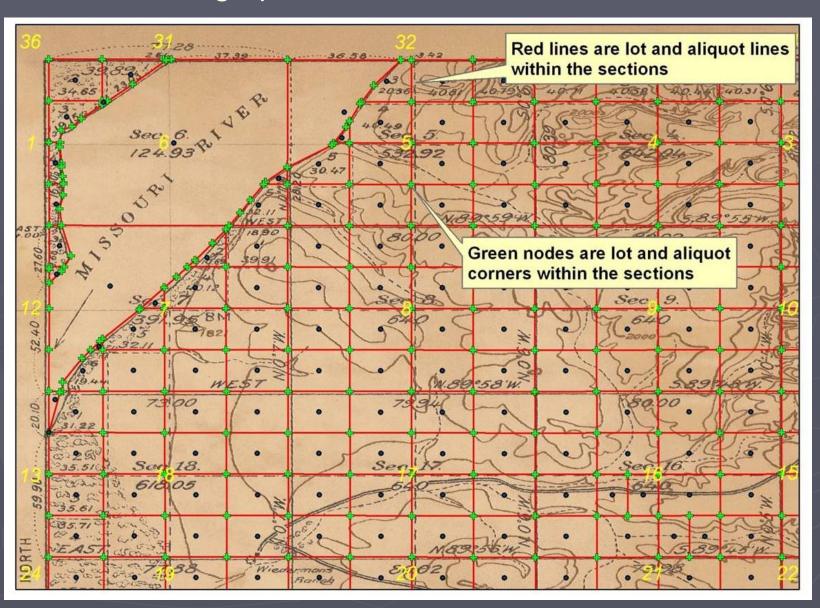
#### Geographic Coordinate DataBase (GCDB)

General Land Office Plat for T. 151 N., R. 93 W., 5th PM



#### Geographic Information System (GIS).

BLM'S Geographic Coordinate Database (GCDB)



## GIS at BIA Midwest Region

- Wide array of levels of information
  - ► GeoDB, GCDB, Digitized
  - ► Have LTM04 and LTM07 for Tribes
    - ► Very few updates to parcel layers since 2007
  - Currently no web based app to view GIS data.
  - Currently no filled GIS positions in Region.

### GeoDB Schema

- Admin
  - CTY4, QUAD3, INDEX, OAM4, SBD4, LDB4, & GEO1
- **OWN** 
  - ▶ PLS4, RBD4, LMT4, LTM7, LSTR4, & TWP4
- **CULTRES** 
  - ► ARC1, ARC4, & BLG1

## GeoDC Schema

- HYDRO
  - ► SPT1, STR2, STR4, LAK4, & NWI1
- **LANDCOVER** 
  - ► SCT4, LCT4, SLS4, & OGI4
- ► TRANS
  - ► RDS2, RRS2, & UTL2
- **TOPO** 
  - **STAS**

### Midwest GIS Goals

- Have a web based platform where program can edit own layer but view all
- Have data agree and match tribes information
- Create and implement plan for maintenance, new trust parcels, leases, and ROW as recorded in TAAMS.
- Fill Staffing to meet demands and maintenance

# Result from Survey

► 18 Respondents

- Number of Staff utilizing GIS Information
  - Range from 2 -10 staff but most have other programs and Departments utilizing data

# Response for Types of Data

- ► Parcel data
- ► Land use/cover
- ► Forestry
- Housing/Facilities
- Utilities
- Leases
- Survey Information

- ► Roads
- Hydrology
- ► U.S. Census Data
- **►** Enrollment
- ► Habitat
- ► Soils
- ► Cultural Sites/Arc.

# Willingness to Share Data

▶1 - Yes

▶ 4 - I think so / Potentially

► 11 - Limited or General Information - Depends on Sensitivity of Data

▶ 2 - No

# Willingness to Fund / Collaborate

- ► 1 Yes Aerial Photography
- ▶ 1 Aerial Photography agreement w/ County
- ► 1 Yes to co-write grant proposals
- ▶ 7 Uncertain/Maybe/Unkown
- ▶ 4 Depends on Type of Data collected
- ▶ 3 No/No resources to fund Project

# Interest in Demonstrating Need for GIS

► 5 – Very Interested

▶8 – Somewhat Interested

▶ 3 – Not Interested

# What are Tribes doing & any goals ??

Round Table discussion

# How can we organize sharing and communication?

- Formation of Midwest GIS users Group
  - ► Definition & Standardation of Layers and data
  - Prioritize Layers and information
  - ► Sharing site
  - Message board
  - Annual or Semi-Annual Meeting/Conference
  - **\$\$\$**
  - ► Training @ MWRO from BIA Geospatial Services
  - ► Legislative or Policy Actions

### GLO Records <u>www.glorecords.blm.gov</u>



#### THE UNITED STATES OF AMERICA To all to whom these Presents shall come, Greeting: WHERTAS Abraham Lincoln, of Sangamon, County deposited in the CENERAL LAND OFFICE of the United States, a Certificate of the REGISTER OF THE LAND Abraham Lincoln whereby it appears that full payment has been made by the said the Act of Congress of the 24th of April, 1820, entitled "An Act making further provision for the sale of the Public Lands," for the North part of the North West quarter of Lection three, in Yournship nineteen North of Stange seven West of the third principal I hundran in the Setuct of Lands subject totale at Springfield Illiving containing forty Leven acres. ing to the official plat of the survey of the said Lands, returned to the General Land Office by the SURVEYOR GENERAL, which said tract has been purchased by the said Abrahum Lincolns

NOW KNOW YE. That the United States of America, in consideration of the Premises, and in conformity with the several acts of Congress, in such case made and provided, HAVE GIVEN AND GRANTED, and by these presents DO GIVE AND GRANT, unto

the said Abraham Lincoln

and to his heirs, the said tract above described: PO IRAPE ASPID TO IRABD the same, together with all the rights. privileges, immunities, and appurtenances of whatsoever nature, thereunto belonging, unto the said Abraham Lincoln

In Centimony Experent, to Martin Van Buren

PRESIDENT OF THE UNITED STATES OF AMERICA, have caused these Letters to be made PATENT, and the SEAL of the GENERAL LAND OFFICE to be hereunto affixed.

First any of November CIPESP under my hand at the CITY OF WASSINGTON, the in the Year of our Lord one thousand eight hundred and Shuthy mine and of the ENDEPENDENCE OF THE UNITED STATES the Sixty Fourth BY THE PRESIDENT! Martin Van Brien

By MVan Buren el 2 If M Guland