

## RESEARCH – WHAT, WHEN, WHERE AND WHO

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## OBJECTIVES

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- ✘ DISCUSS IMPORTANCE OF RESEARCH
- ✘ SHARE RESEARCH SOURCES
- ✘ SHARE RESEARCH TECHNIQUES
- ✘ THIS IS AN OPEN FORUM. YOUR THOUGHTS ARE WELCOME.



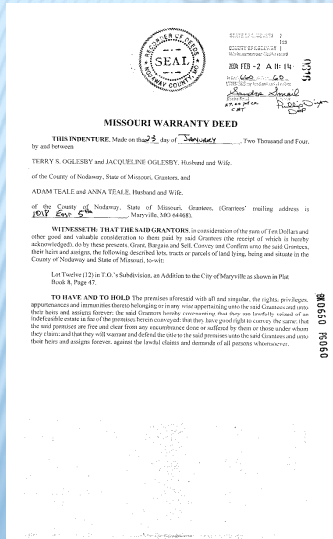
## 20 CSR 2030-16.030 GENERAL LAND SURVEYING REQUIREMENTS

**PURPOSE:** THIS RULE DESCRIBES STANDARDS THAT APPLY TO ALL PROPERTY BOUNDARY SURVEYS.

- ✘ (A) Every survey executed shall be based on the property description of the parcel or parent tract taken from the title of record. This property description should be provided by the client.
- ✘ (B) Prior to making a survey the surveyor shall, insofar as necessary to define the property to be surveyed, acquire other data, such as adjoining deeds, maps, subdivision plats, original plats and original notes. This shall not be construed that the surveyor has an obligation to research the title of record.
- ✘ (C) The surveyor shall compare and analyze all of the data obtained and determine the record title boundaries of such parcel or parent tract as reflected by the documents of record supplied or acquired by the surveyor.

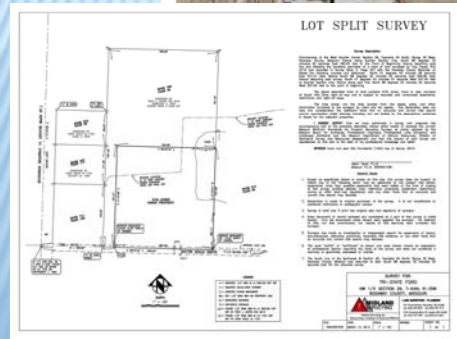
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- PROPERTY DESCRIPTIONS/ADJOINING DEEDS
  - MAPS/PLATS
  - ORIGINAL PLATS/NOTES
  - GEODETIC CONTROL MONUMENTS
  - RAILROAD PLANS
  - MISCELLANEOUS RECORDS

# PROPERTY DESCRIPTION/ ADJOINING DEEDS



- Courthouse
- Land Owner
- Title Company

# MAPS/PLATS

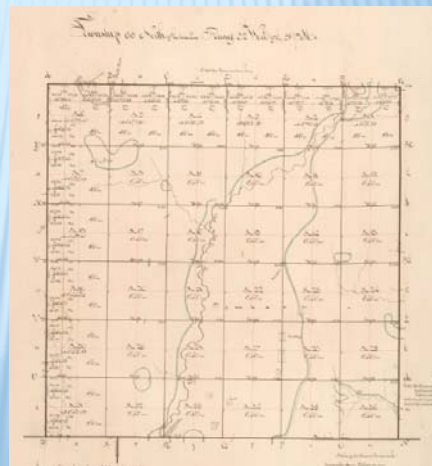


## MAPS/PLATS

- Department of Agriculture (Subsequent Surveys)
  - <https://apps.mda.mo.gov/molandsurveyindex/>
- Department of Agriculture (Corner Documents)
  - <http://apps.mda.mo.gov/mocornermasterindex/>
- University of Missouri Map Room
  - [ims.missouri.edu/moims2008/](https://ims.missouri.edu/moims2008/)
- County Courthouse
- Client
- Title Companies
- Other Surveyors
- Quad Maps

## GLO NOTES/PLATS

- Department of Agriculture (Subsequent Surveys)
  - <https://apps.mda.mo.gov/molandsurveyindex/>
- County Courthouse



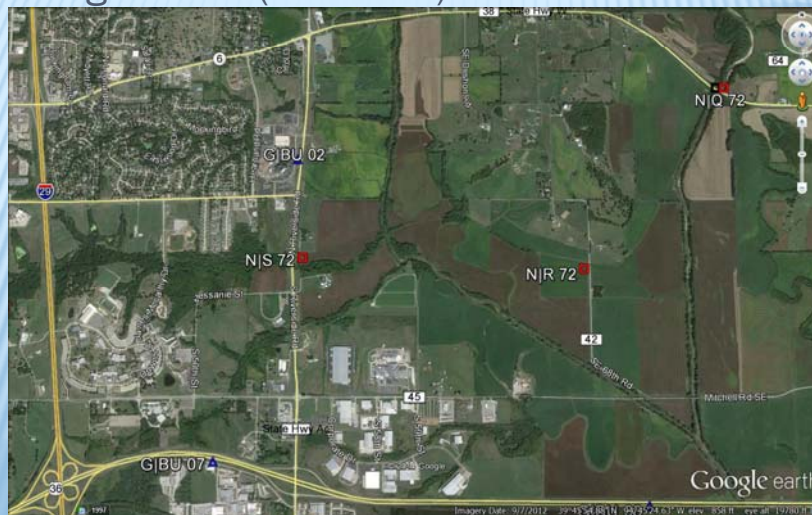
## GEODETIC CONTROL MONUMENTS

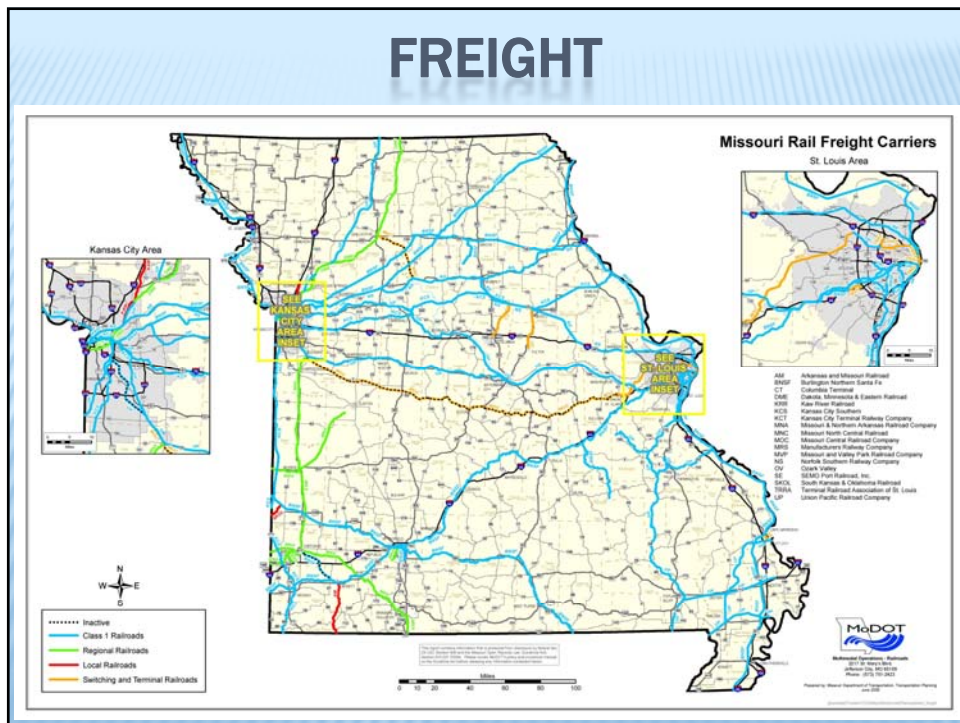
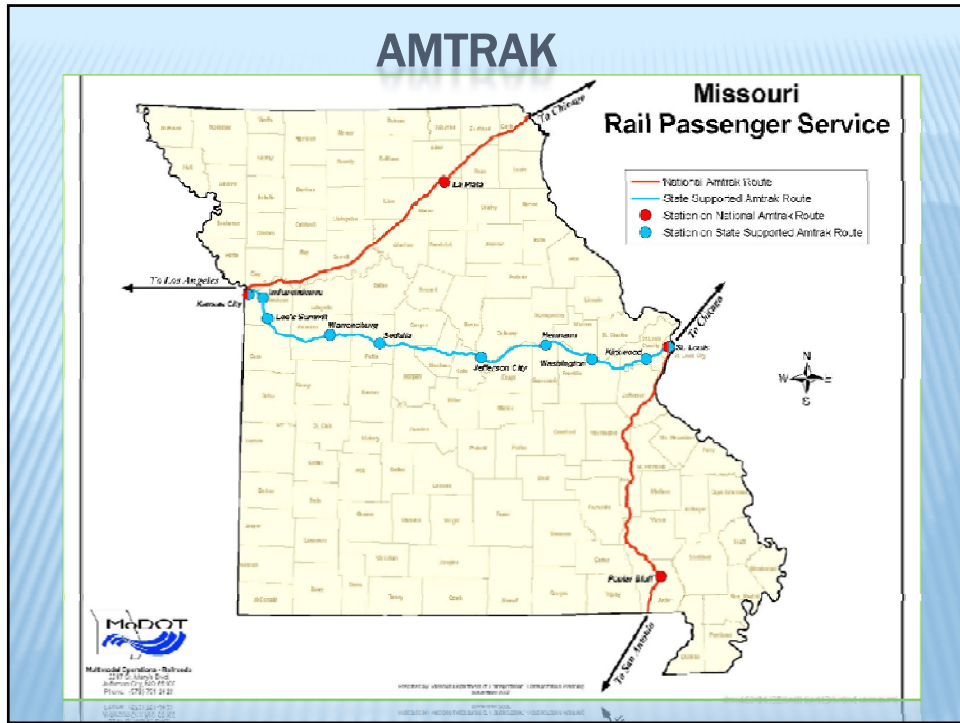
- National Geodetic Survey Database
  - [www.ngs.noaa.gov](http://www.ngs.noaa.gov)
- Missouri Department of Agriculture Control
  - <http://mda.mo.gov/weights/landsurvey.GrsMap.php>
- Missouri Department of Transportation
  - <http://gpsweb.commodot.mo.gov>
- FindAControl App



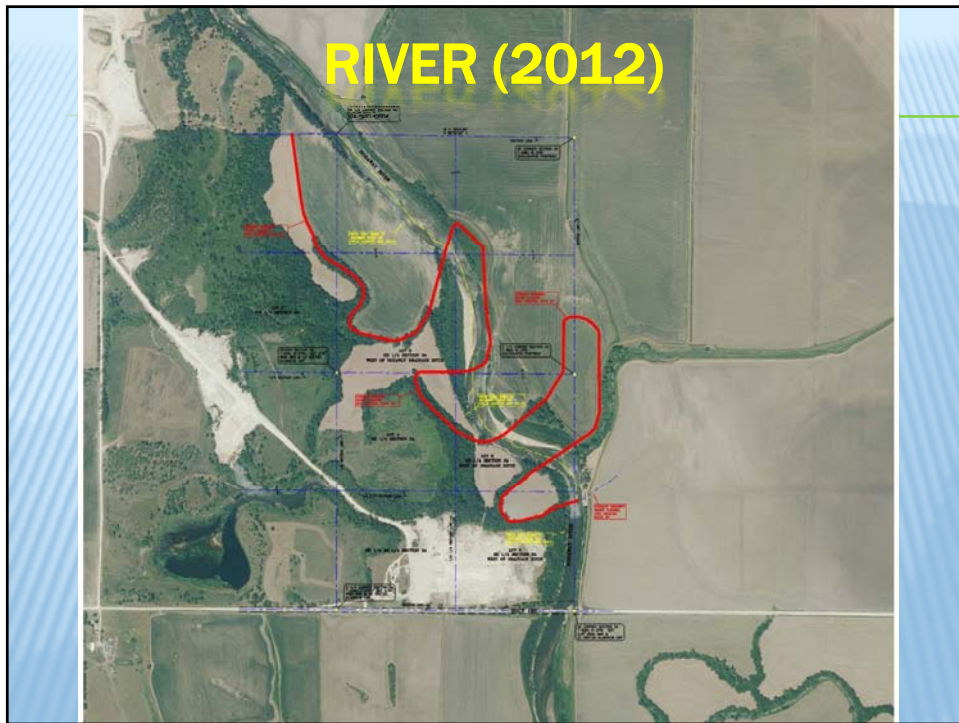
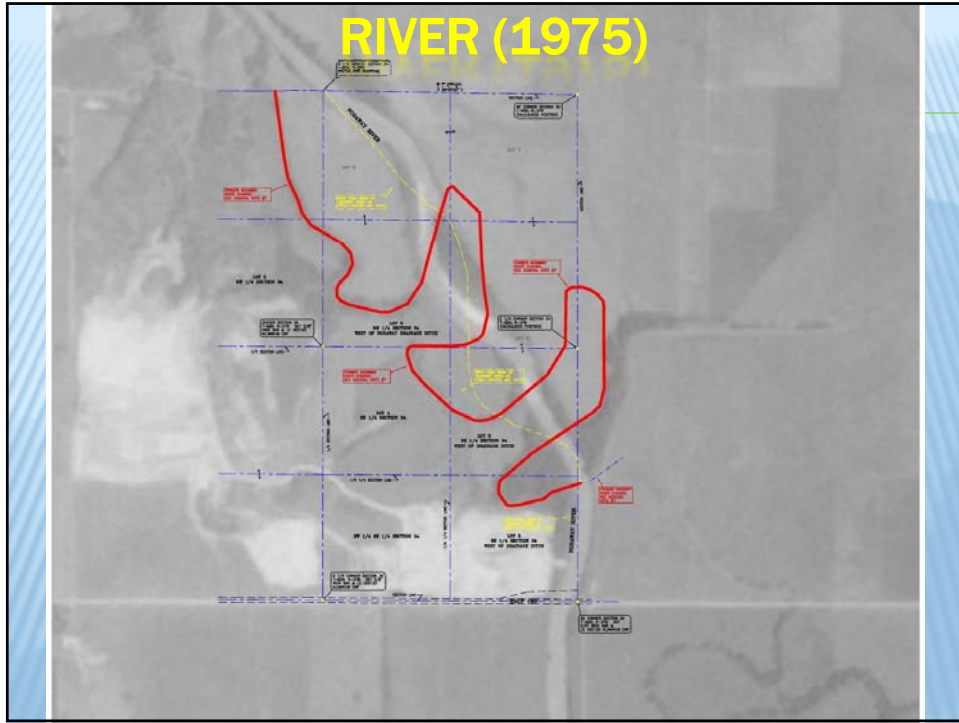
## GEODETIC CONTROL MONUMENTS

- Google Earth (DS World)

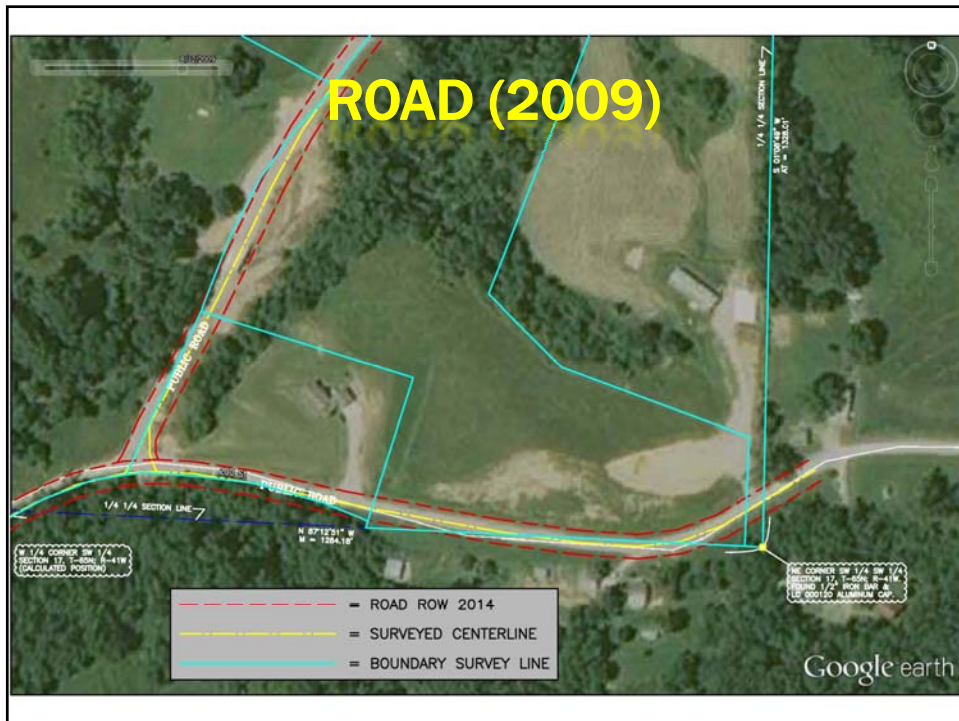


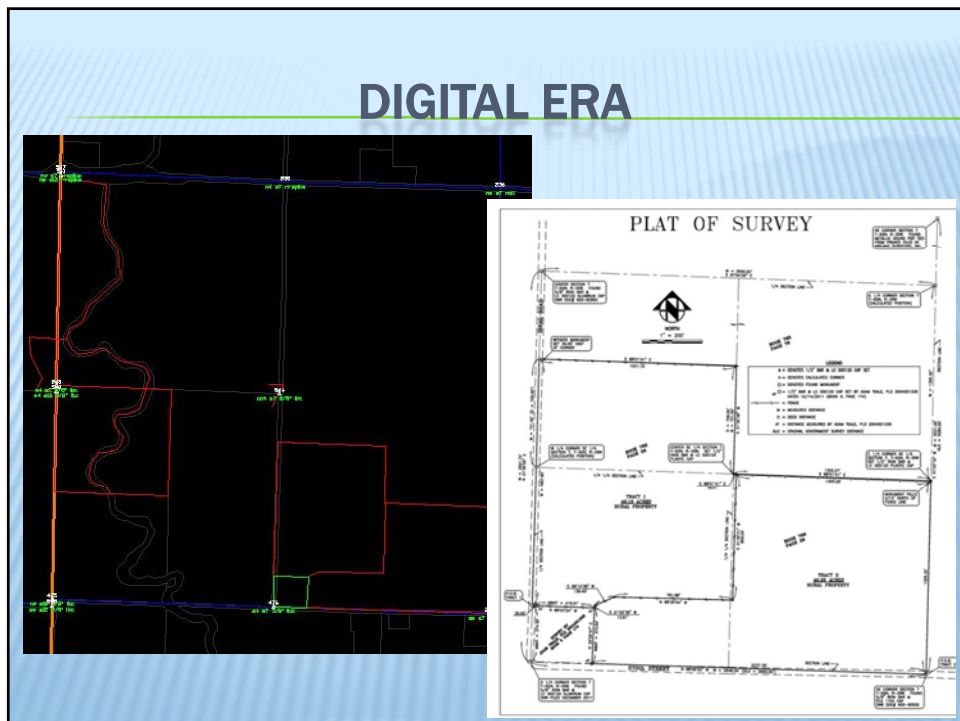
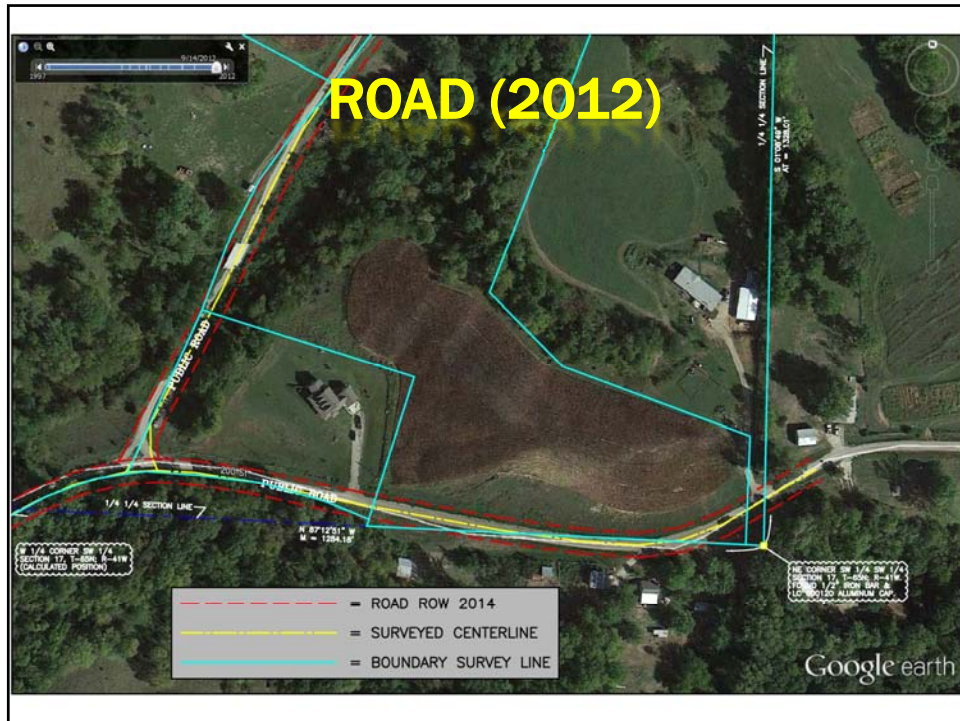








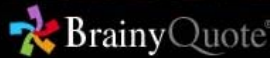




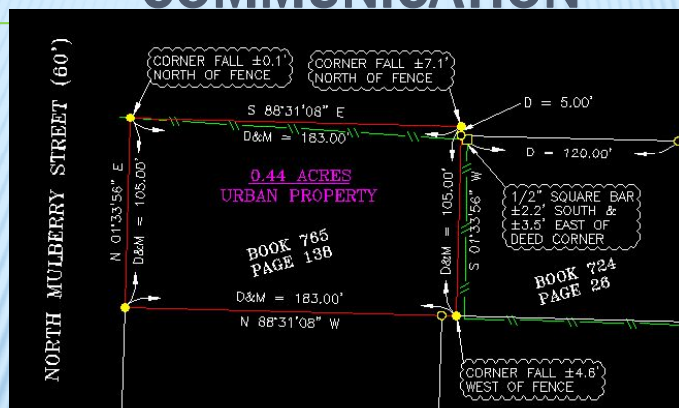
# COMMUNICATION

The single biggest problem in communication is the illusion that it has taken place.

George Bernard Shaw



# COMMUNICATION



OF ALL OF OUR INVENTIONS FOR MASS COMMUNICATION, PICTURES STILL SPEAK THE MOST UNIVERSALLY UNDERSTOOD LANGUAGE.

WALT DISNEY

## UTILITIES



**GET TO KNOW THESE PEOPLE.  
THEY ARE HUMAN TOO.**

## MISCELLANEOUS INFORMATION

- CITY/TOWNSHIP/COUNTY REGULATIONS
- HISTORICAL SOCIETIES
- MODOT STAFF
- EQUIPMENT DEALERS