

**GIS**  
at the  
County Engineers Office

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# How our office will use GIS

- Tax Map - Property mapping and database
- Road Inventory
- Accident Mapping
- Address Database
- Truck and Emergency routing
- Project Design

# Tax Map

- Property Mapping
- Survey plat database
- Deed database
- Aerial Photography
- Topography
- Monument Location

# Road Inventory

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- Signs
- Culverts
- Guardrail
- Utilities
- Catch basins
- Bridges
- Pavement Ratings

# Accident Mapping

- 5-year mapping
- High Accident Locations
- Accident Diagrams

# Address Database

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- Location of all rural address locations
- Tie-in to 911 system
- Cross check with Parcel data

# Truck and Emergency Routing

- **Snow routes**
- **Bridge and road closing detours available on-line**

# Project Design

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- Road Relocations
- Bridge Projects
- Corridor Studies (US 68)
- Safety Upgrades



# Examples of Current Use

- Bridge Map 
- Drainage Areas
- Bridge Inventory and Inspection

# Bridge “Folder”

- Bridge Inventory
- Bridge Inspection Forms 
- Pictures  
- Bridge Card 
- Bridge Plans