

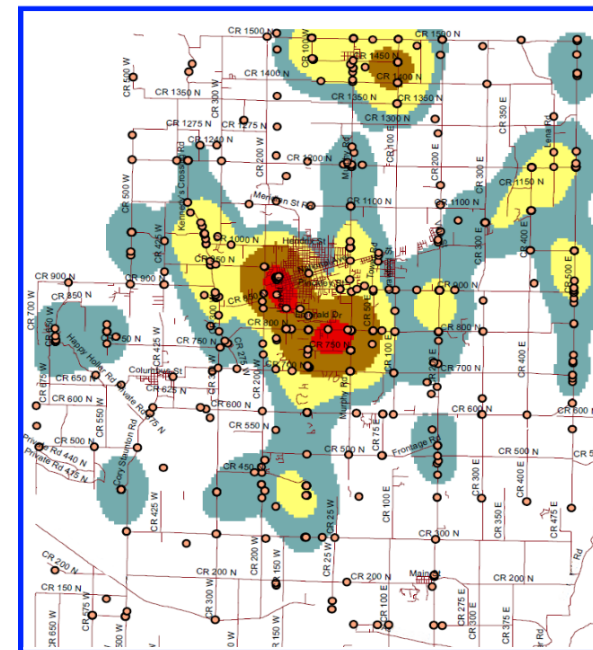


Using GIS to improve crash location

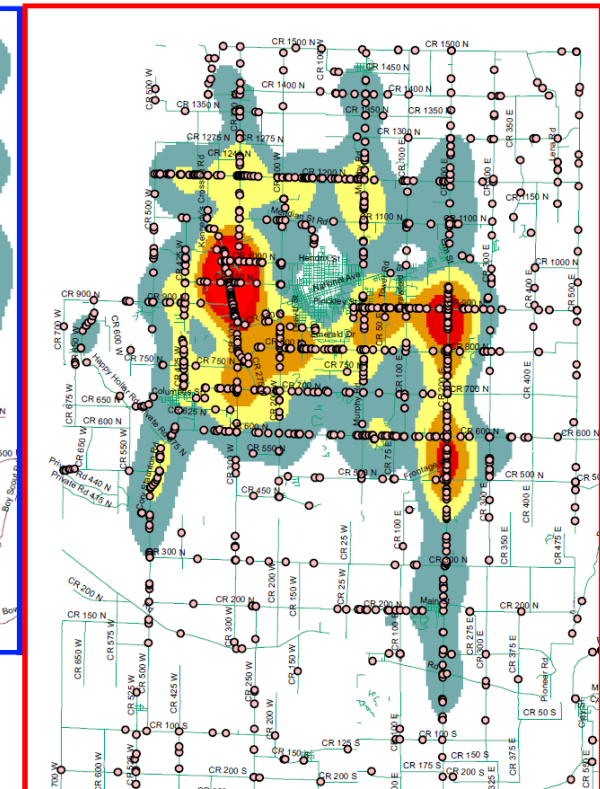
- Inconsistence between the reported address and the address on the shape file based on coordinates

- The rejection rate due to lack or faulty geographical information in the geodatabase can be reduced by using geocoders

Original Data



Corrected Data





Crash Location Improving Program - CLIP



- CLIP is a **computer application** to support **checking and correcting the crash coordinates**

The screenshot shows the 'Improving Crash Location' application interface. The main window contains a list of counties on the left, a central table of roadway data, a right-hand panel with map controls and coordinates, and a map at the bottom showing a location in Lewis, Indiana.

| County | Roadway Ramp | Roadway Id | Intersecting Road | Intersecting Road Number | Mile Marker |
|-------------|--------------|----------------------|-------------------|--------------------------|-------------|
| ADAMS | | | | | |
| ALLEN | | | | | |
| BARTHOLOMEW | | | | | |
| BENTON | | MERIDIAN ST | | CR1100N | |
| BLACKFORD | | CR600N | | CR300W | |
| BOONE | | US HWY 40 HWY | HARRISON | | |
| BROWN | | MERIDIAN ST | | CR1050N | |
| CARROLL | | NATIONAL DR | | | |
| CASS | | CR200E | | CR1200N | |
| CLARK | | COUNTY ROAD 500 W... | | CR950S | |
| CLAY | | CR200E | | CR600N | |
| CLINTON | | CR1200N | | CR400W | |
| CRAWFORD | | | | | |
| DAVISS | | | | | |
| DE KALB | | | | | |
| DEARBORN | | | | | |
| DECATUR | | | | | |
| DELAWARE | | | | | |
| DUBOIS | | | | | |

Map Source: Google Map, Zoom: 10, Latitude: 39.250346, Longitude: -87.203628

Center: 39.401183, -86.987, Set Ref, Check 1

Cursor: 39.210975, -87.08313, Set Loc, Geocode

CORNER COUNTY ROAD 500 RD WEST & CR 950 S .CLAY Cou

9606 S County Rd 500 W, Lewis, IN 47858, USA