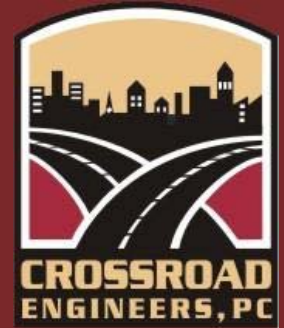
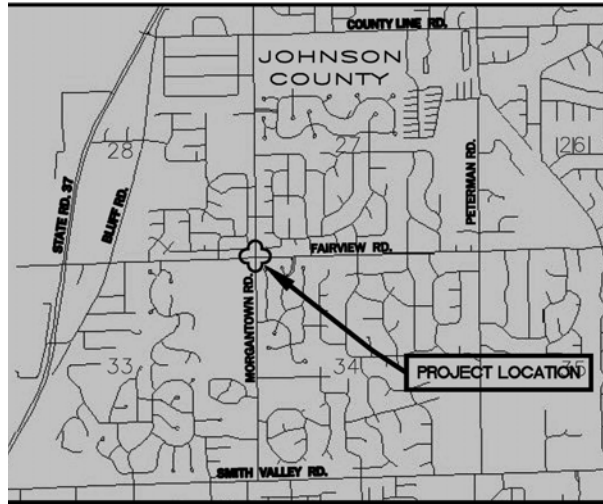
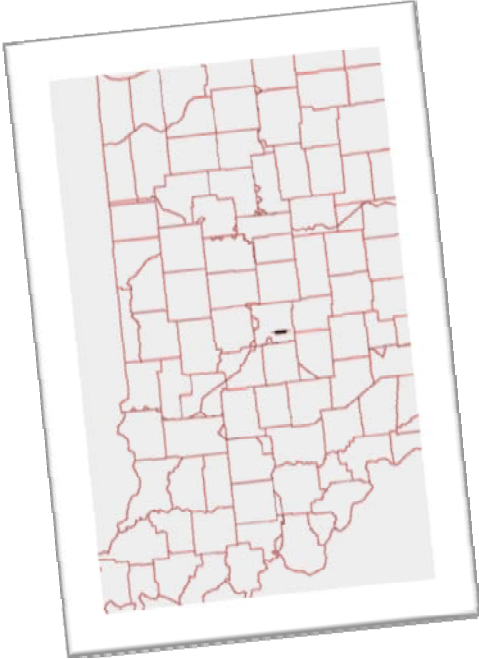


FAIRVIEW ROAD & MORGANTOWN ROAD ROUNDBABOUT

Johnson County, Indiana



FAIRVIEW MORGANTOWN ROUNDBABOUT

Scope:

Improvement project to meet current and future traffic capacity needs.

Services Provided:

Survey
Design
ROW Engineering & Acquisition Mngmt.
Utility Coordination
Construction Inspection

Client:

Johnson County

Contact:

Mike Pelham
Highway Engineer
317-346-4630

Constructed:

2010

Construction Cost:

\$697,000

Project Highlights

- Before construction, the intersection of Fairview Road (CR 1000 N) and Morgantown Road (CR 500 W) was an unsignalized all-way stop condition. Daily commuters and members of a large nearby church would routinely face substantial delay in their travels to and from home.
- A roundabout was chosen over a signal because it offers similar or better traffic capacity performance, minimizes travel delay during off-peak times, has similar construction costs but lower maintenance costs, and it provides far better traffic safety performance.
- Development near the project is mostly residential. Center Grove School District Elementary and Middle Schools border the intersection to the southwest. The roundabout location took advantage of vacant undevelopable land in that quadrant and therefore required minimal corner-cut right-of-way from parcels in the other 3 quadrants.
- The project was scheduled for the summer of 2010 to take advantage of the gap in the normal academic year. The intersection was closed, constructed, and re-opened within a short term (45 day) period so that transportation to and from the schools would not be impacted at the end of one year or the beginning of the next.
- As this was to be the first roundabout in the area, let alone Johnson County, meetings were held to introduce the new intersection to the public, local emergency response personnel, and school district bus drivers.

