

## Mayde Road

project description | street improvement

### location

Berea, Kentucky

### client

City of Berea  
Kentucky Transportation Cabinet

### completion date

2008

### budget

\$3,000,000



CDP prepared Phase I and 2 roadway design for the 1.20-mile Mayde Road project in Madison County. This roadway is intended to improve safety and access to the Berea Industrial Park and other properties. The Mayde Road project is to be widened to a three-lane urban section consisting of two 12-foot lanes with one 12-foot turning lane and a 10-foot multi-use (bicyclist and pedestrian) path on the west side of the roadway. There was no relocation required on the project.

### project components

- Acquisition of current photogrammetric mapping.
- Horizontal alignment studies. The project area is heavily developed both residential and commercial, and an extensive study was conducted to provide an economical roadway design while minimizing impacts on adjacent properties.
- Vertical geometrics to meet design criteria while resulting in economical earthwork.
- Cross-road designs for intersections with major roads.
- Environmental studies, including Phase I studies for wetlands, cultural-historical, and archaeology. (by subconsultant)
- Drainage design for open channels, and storm sewer.
- Public information meeting to communicate the project purposes, scope and design elements to local residents.
- Coordination of geotechnical investigation.