

**IL Routes 8 and 116 (Cedar Street) over the P&PU Railroad
Tazewell County, Illinois**

Subconsultant Civil Engineering and Surveying Firm

Project services included civil engineering and surveying services. The surveying services included providing topographic and right-of-way surveys, coordinating with Michael Baker International.

The Route 8 and Route 116 structures over the P&PU Railroad and IL Route 29 require replacement or rehabilitation. Millennia Professional Services (MPS) is supporting the effort to analyze existing and proposed conditions with survey services.

The project's scope included establishing new site control based on the Illinois State Plane Coordinate System and elevation stations based on NAVD 88. MPS also determined right-of-way and existing alignments for Route 8 and Route 116, topographic surveys, point processing and utility surveys.

Client:

Illinois Department of Transportation
District 4
401 Main Street
Peoria, IL 61602

Michael Baker International
311 W Monroe, Suite 1350
Chicago, IL 60606
Phone: 312.575.3911

Surveying Services Provided:

- Determining existing control and establish new control.
- Completing plat and deed research, field monument recon and traversing.
- Completing property boundary calculations to determine the right-of-way lines for Route 8 and Route 116.
- Completing topographic surveys of the entire area.
- Processing topographic survey data for creating DTM surfaces for ground and bridge surfaces.
- Verifying existing conditions of bridge low steel and top of rail info for the P&PU Railyard
- Managing of all survey data for the project.

