

# 127th & Van Dyke Road Improvements



## 2009 SOUTHWEST BRANCH PROJECT OF THE YEAR

Less than \$5 Million - Transportation

Managing Agency: Village of Plainfield  
Design By: Baxter & Woodman, Inc.  
Constructed by: K-Five Construction Corp.

### PROJECT HIGHLIGHTS

In order to provide for the efficient movement of traffic to a future medical facility and to avoid excessive delays at the intersection, the Village of Plainfield, Baxter & Woodman, IDOT, Edward Hospital, and the contractor worked together to complete the improvements soon after the medical facility's opening. The reconstruction of 127th Street and the signalization of the intersection at 127th Street and Van Dyke Road is a \$3.9 million project.

K-Five Construction was contracted to construct the roadway improvements, which were completed within a tight time-frame. The project was bid in the fall of 2006 and Phase III was substantially completed in 2007. The entire project was completed in just over two years, and was one of the first locally-let projects of its size.

#### Design elements included:

- Roadway Reconstruction
- Installation of new storm sewer, roadway lighting, and landscaped median
- Utility coordination
- Construction of new bicycle path and sidewalks
- Installation of traffic signals and left turn channelization at the intersection of 127th Street and Van Dyke Road



Access to the newly-opened Edward Medical Facility needed to be maintained at all times during construction of 127th Street and VanDyke Road



Concurrent Phase I and Phase II design and a local letting allowed the design and construction to be completed within 2 years.



The additional traffic signals and left turn channelization at the intersection enabled the Village to achieve their goal of handling existing and future traffic flows more efficiently.

