

MUNICIPAL DRIVE AT ILLINOIS 47—2008

Client: Village of Sugar Grove



This was a federally funded Phase I and II project for the Village of Sugar Grove. The improvements included adding a new 4th leg (west leg) dual left turn lanes and right turn lanes on all legs of the intersection. Two thru lanes were also provided on all legs except for the east leg which had ROW constraints.

The ROW constraints restricted the design of typical dual turn lanes and creative geometry needed to be developed to provide the dual turn lanes and maximize the capacity to accommodate the near term projected traffic volumes. An IDS was prepared based on the preliminary geometry. Traffic signal plans were also prepared.

- Project future traffic volumes
- Analyze lane configuration options
- Analyze signal phasing options
- Intersection Design Study
- Traffic signal design

Not a Rempe-Sharpe & Associates project; by Mr. Grabowski while with previous employer.