



# Board Agenda Item 39

DATE: December 13, 2016

TO: Board of Supervisors

SUBMITTED BY: Steven E. White, Director  
Department of Public Works and Planning

SUBJECT: Stop signs at the intersection of Academy and Rose Avenues

RECOMMENDED ACTION:

**Adopt a resolution authorizing stop signs at the intersection of Academy and Rose Avenues, stopping eastbound and westbound traffic on Rose Avenue, making it an all-way stop.**

The stop signs at this location will improve traffic safety and service by requiring all vehicles to stop at the intersection.

ALTERNATIVE ACTION:

If the recommended action is not approved, the intersection will remain a two-way stop, with traffic on Academy Avenue stopping for traffic on Rose Avenue.

FISCAL IMPACT:

There is no Net County Cost associated with the recommended action. The estimated cost is \$100 for materials and \$300 for labor and equipment for a total estimated cost of \$400. Appropriations for this work are included in the Public Works and Planning - Roads Org 4510 FY 2016-17 Adopted Budget. County personnel will perform the work.

DISCUSSION:

The intersection of Academy and Rose Avenues is located 2 miles east of Selma. Both are 2-lane county roads with centerline striping separating traffic in opposing directions. The surrounding area is mainly agricultural in nature, consisting of farmland and residential homes.

The traffic volume on Rose Avenue is approximately 3,000 vehicles per day (VPD) and 2,100 VPD on Academy Avenue. Both roads consist of 12-foot travel lanes. The 4-foot paved road shoulder on Academy Avenue is dedicated as bike lanes.

Between years 2013 and 2015, there were 26 traffic accidents, which resulted in 23 injuries and 3 deaths. A single traffic accident in 2015 resulted in 1 injury and 3 deaths. There have been 5 collisions in a consecutive 12-month period that could have been correctable by a four-way stop. The current traffic volumes, for both Academy and Rose Avenues, meet the minimum threshold for the installation of an all-way stop. This location also meets the requirement of a 4-way stop with collisions and traffic volumes, as outlined in the California Manual of Uniform Traffic Control Devices (CA-MUTCD). Less restrictive measures, such as the installation of "Cross Traffic Does Not Stop" signs on either side of Rose and Academy Avenues have been tried, to alleviate the issue with no acceptable effect.

Traffic studies performed by Department staff indicate the stop signs for eastbound and westbound traffic on Rose Avenue are appropriate and will improve traffic safety at this intersection.

ATTACHMENTS INCLUDED AND/OR ON FILE:

Vicinity Map  
On File with Clerk - Resolution

CAO ANALYST:

John Hays