

MEMORANDUM

DEPARTMENT OF PUBLIC WORKS
County of Placer

TO: BOARD OF SUPERVISORS DATE: December 9, 2014
FROM: KEN GREHM / RICH MOOREHEAD
SUBJECT: PAVEMENT MARKER INSTALLATION PROJECT

ACTION REQUESTED / RECOMMENDATION

1. Adopt a Resolution approving the project specifications.
2. Authorize the Department of Public Works to advertise for bids for the Pavement Marker Installation Project at an estimated cost of \$170,000. Funding for the project is being provided by 90 percent from Federal Highway Safety Improvement Program funds and the remainder is from Road Funds. There is no net County cost.

BACKGROUND / SUMMARY

Placer County performs an annual traffic safety analysis of County maintained roadways. This safety analysis allows the County to identify high collision concentration locations which in turn results in a safety evaluation of the top locations. Since the start of the TAAS (Traffic Accident Analysis System) program in 2009, County staff has become focused on the occurrences of head-on collisions that are a result of driver distraction and/or lack of appropriate centerline delineation. Placer County has identified this as a top safety priority due to the internal awareness as well as outreach from the state and federal assistance programs and ultimately the commitment to this issue via the State Highway Safety Plan.

An analysis of the County roadway network was performed to identify roadway segments with greater than two head-on type collisions within a half mile segment. The data set used with the analysis was limited to the most recent five year time frame (2007-2011) due to the volume of data. The goal of this application is to target locations with head-on collision history with the installation of Recessed Reflective Pavement Markers on both sides of centerline. This countermeasure serves to increase delineation of the centerline and provide an auditory effect for vehicles which cross the centerline due to inattention or distraction. The goal of the project is to reduce the likelihood of head-on collisions with the adaptation of this safety measure.

The project will include installing pavement markers on the following roads:

Bowman Road
Dry Creek Road
Horseshoe Bar Road
Lake Arthur Road
West Weimar Cross Road

ENVIRONMENTAL

This project as defined in Section 15301 is Categorically Exempt and a Notice of Exemption was filed with the County Recorder's office on March 14, 2014. The project was granted a Categorical Exemption under NEPA on April 14, 2014.

FISCAL IMPACT

The anticipated cost of the project to construct is \$170,000. Ninety percent of the funding comes from a federal Highway Safety Improvement Program grant and the remaining 10 percent from Road Funds. Funding for construction of the project is included in the FY 2014-2015 Budget.

Attachment: Resolution
Exhibit A: Location Map

A Copy of the Specs
are on file with Clerk of the Board

**Before the Board of Supervisors
County of Placer, State of California**

In the matter of:

A Resolution approving the project specifications, and authorize the Department of Public Works to advertise for bids for the Pavement Marker Installation Project.

Resol. No:.....

The following RESOLUTION was duly passed by the Board of Supervisors of the County of Placer at a regular meeting held _____, by the following vote on roll call:

Ayes:

Noes:

Absent:

Signed and approved by me after its passage.

Attest:
Clerk of said Board

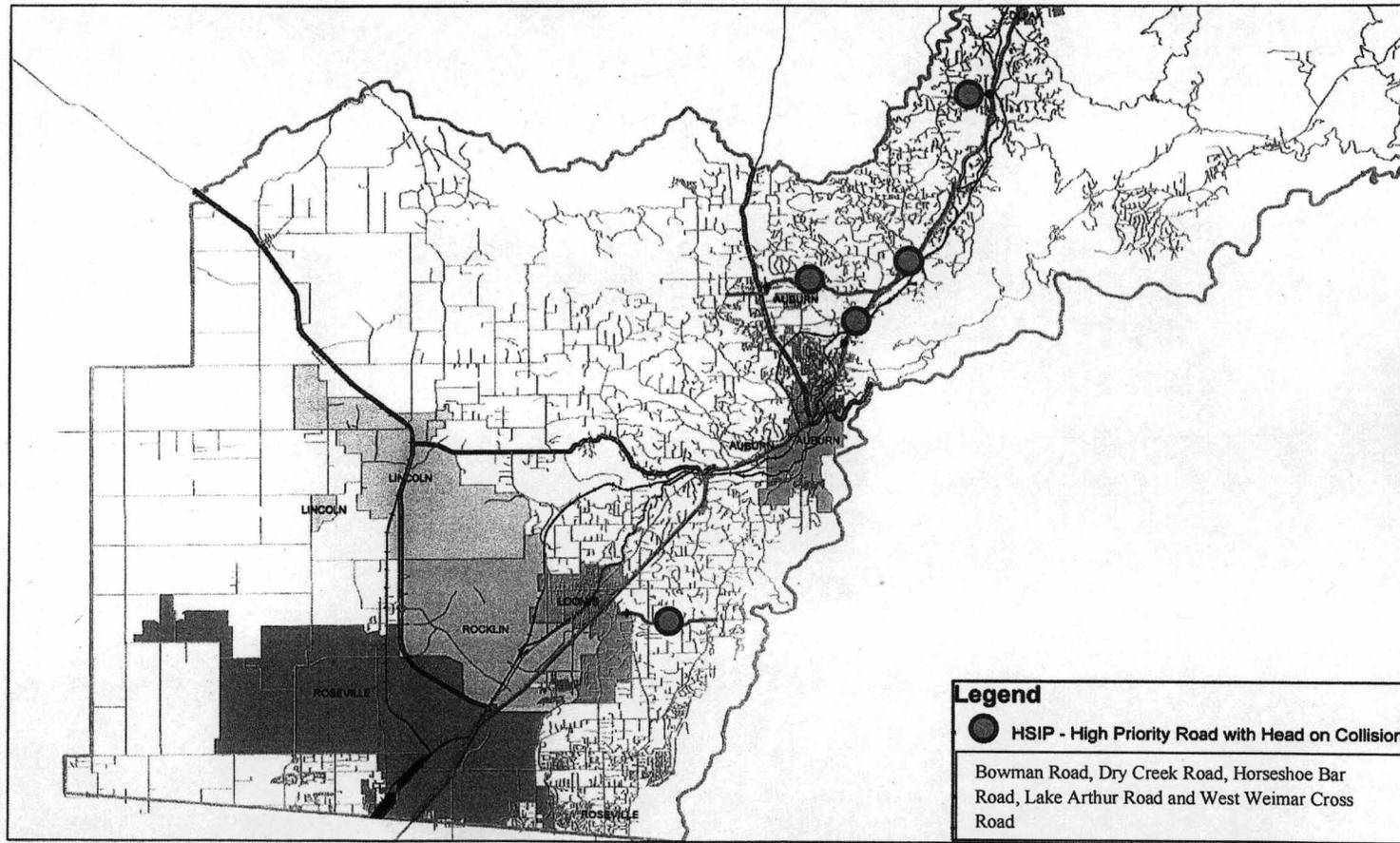
Chair, Board of Supervisors

BE IT HEREBY RESOLVED by the Board of Supervisors of the County of Placer, State of California, that the Board approves the project specifications and authorizes the Department of Public Works to advertise for bids for the Pavement Marker Installation Project at an estimated cost of \$170,000.

Exhibit A

LOCATION MAP

HSIP Cycle 5 Application: - 03-Placer County-3
Priority Roads - Head On Collisions
Western County Overview Map



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