MEMORANDUM
DEPARTMENT OF PUBLIC WORKS
County of Placer

TO: BOARD OF SUPERVISORS

FROM: KEN GREHM / RICH MOOREHEAD

DATE: July 8, 2014

SUBJECT: HIGH FRICITION SURFACE TREATMENT PROJECT

ACTION REQUESTED / RECOMMENDATION
1. Adopt a Resolution approving the project plans and specifications.
2. Authorize the Chair of the Board to sign the cover sheet of the project plans.
3. Authorize the Department of Public Works to advertise for bids for the High Friction Surface Treatment Project at an estimated cost of $1,200,000. Funding for the project is being provided by 90 percent from Federal Highway Safety Improvement Program funds and the remainder is from Road Funds with 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 high occurrence of collisions that result from a vehicle leaving the roadway. 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.

The primary focus of this project is areas of the County's roadway network where there is a high frequency of run off the road collisions. The primary factor for these collisions vary but include: improper turning, unsafe speed, driver inattention, wrong side of road and DUI. The before and after case study data associated with High Friction Surface Treatment speaks to the effectiveness of reducing all collisions. High Friction Surfacing has been proven to be effective in keeping vehicles in problem locations on the roadway. This project will apply High Friction surfacing at the top locations identified in the County (Exhibit A).

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 April 24, 2014. The project was granted a Categorical Exemption under NEPA on June 3, 2014.

FISCAL IMPACT
The anticipated cost of the project to construct is $1,200,000. Ninety percent of the funding is comes from a federal Highway Safety Improvement Program grant and the remaining 10% 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 Plans and 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 plans and specifications, authorizing the Chair of the Board to sign the cover sheet, and authorize the Department of Public Works to advertise for bids for the High Friction Surface Treatment Project.

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: 

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 plans and specifications, authorizes the Chair of the Board to sign the cover sheet, and authorizes the Department of Public Works to advertise for bids for the High Friction Surface Treatment Project at an estimated cost of $1,200,000.
Exhibit A
LOCATION MAP

LOCATIONS ON THE FOLLOWING ROADS:
- AUBURN FOLSOM RD
- BARTON
- DRY CREEK RD
- HORSESHOE BAR RD
- KING RD
- McCOURTNEY RD
- MT VERNON RD
- NEWCASTLE RD
- OLIVE RANCH RD
- PLACER HILLS RD
- VIRGINIA TOWN
- WEST WEIMAR CROSS RD
- WALESA RD

High Friction Surface Location