

COUNTY OF SONOMA AGENDA ITEM SUMMARY REPORT		Clerk of the Board Use Only Meeting Date _____ Held Until _____ Agenda Item No.: _____ Agenda Item No.: _____	
Department: Transportation and Public Works		<input type="checkbox"/> 4/5 Vote Required	
Contact: Jodi Frost	Phone: (707) 565-2231	Board Date: 08/11/09	Deadline for Board Action:
<p>Agenda Short Title:</p> <p>Office of Traffic Safety Grant Award – Collision Data Software</p> <p>Requested Board Action:</p> <p>Approve and authorize a cooperative agreement between the California Office of Traffic Safety and Sonoma County Department of Transportation and Public Works in order to fund the purchase of collision data software.</p>			
CURRENT FISCAL YEAR FINANCIAL IMPACT			
<u>EXPENDITURES</u>		<u>ADD'L FUNDS REQUIRING BOARD APPROVAL</u>	
Estimated Cost	\$ 30,000	Contingencies	\$
		(Fund Name: _____)	
Amount Budgeted	\$ -0-	Unanticipated Revenue	\$ 30,000
Other Avail. Approp.		(Source: OTS Grant)	
(Explain below)	\$ _____	Other Transfer(s)	\$ _____
Additional Requested:			
Explanation (if required):	\$ 30,000	Add'l Funds Requested:	\$ 0,000
Prior Board Action(s): None			
Alternatives – Results of Non-Approval: Without an agreement, the grant money cannot be received by the county and the software could not be purchased.			

Background:

With 1,387 centerline miles, Sonoma County Transportation and Public Works (TPW) has more miles to maintain than any of the eight other bay area counties that comprise the Metropolitan Transportation Commission (MTC). Sonoma County also has the lowest Pavement Condition Index (PCI) in the MTC, where its average road condition merits 44 on a scale of 1 to 100, with 100 being optimal. These issues are contributing factors to the following 2007 Office of Traffic Safety (OTS) data for Sonoma County:

- Ranks 22nd worst out of 58 counties for Total Fatal and Injury collisions by daily vehicle miles traveled.
Ranks 8th worst in bicyclist-involved collisions by daily vehicle miles traveled and 13th worst by average population.
Ranks 23rd worst in collisions involving Has Been Drinking (HBD) drivers aged 21–34 by daily vehicle miles traveled and for total number of alcohol involved collisions. OTS ranks Sonoma County as 27th worst out of the 58 counties.
Speed related collisions indicate that Sonoma County is 14th worst out of the 58 counties by daily vehicle miles traveled.

Adding to the challenges of maintaining so many miles with declining resources, TPW is working to implement several recommendations made by Lorick Associates (LA) Consulting in November of 2007. LA Consulting had been hired by the County Administrator's Office to conduct a management and systems review of TPW, and their findings were presented to the Board of Supervisors. One of their first recommendations was to update and consolidate the technology used by the Department. While the report noted that TPW employed cutting-edge technology in the early 80's, the technology did not develop past that point. The current traffic collision database was developed in the 70's using Fortran and its data is not easily accessible. A programmer must run all queries and extrapolate the data into an Excel sheet for review by the traffic engineer. This process, which is unconnected to any mapping system, makes accessing and analyzing the information unwieldy and time-consuming. There was only one person in the department with the ability to run the reports and he has recently retired.

(Continued on next page)

Attachments:

On File With Clerk: OTS Grant Agreement

CLERK OF THE BOARD USE ONLY

Board Action (If other than "Requested")

Vote:

The California Office of Traffic Safety (OTS) offers competitive grant programs that enable local agencies to improve safety aspects in a wide variety of areas. Recognizing that tracking the locations and causes of accidents would provide for analysis and improvement in roadway or intersection features, OTS offered grants to public works agencies throughout the state in order to purchase data collision software. DTPW was successful in its grant application, and has been awarded \$30,000 with which to purchase new data collision software.

The grant program begins on October 1, 2009, and will continue for one year through September 30, 2010. Once the program is purchased and installed, tracking of the various software components will be done and forwarded to OTS to complete reporting requirements.

Recommendation:

Approve and authorize a cooperative agreement between the California Office of Traffic Safety and Sonoma County Department of Transportation and Public Works in order to fund the purchase of collision data software.