Memorandum

To: District Electrical Seniors

Date: February 2, 2000

File No: **Elect Review**

From: **DEPARTMENT OF TRANSPORTATION**
TRAFFIC OPERATIONS PROGRAM

Subject: New and Non-standard Devices Exception Process

To facilitate experimental field deployment of new and non-standard electrical and electronic devices, an exception process has been in effect. This process has been designed to document the needs and results of each experiment for reference. Each experimental deployment requires an approval from Headquarters Traffic Operations.

To acquire an approval for a field experimental deployment of new and non-standard electrical and electronic devices, we ask that a request be forwarded to the Office of ITS Development and Support. In addition, we need a description of the need for the device(s), alternatives considered, and the expected benefits from the experimental deployment.

If the request is found appropriate, an approval should be given within 2 weeks. The approval will be given under the condition that the requester provides a report within 3 months of the deployment, at the conclusion of the deployment, or at a particular milestone. This report shall summarize the following:

- **Why the non-standard device(s) is needed** (Were there any alternatives considered? What operational, maintenance, safety and cost factors were involved in the decision)
- **Description of the device(s) used** (Type, make, model, signal technologies, operation characteristics, power, communications and maintenance requirements, etc.)
- **Efficiency and effectiveness** (Does the device(s) perform well in all conditions? Does it meet expectations? What deficiencies were experienced? How superior to the existing system?)
- **Recommendations** (What should be adopted as standards and specifications? What are desirables and undesirables for the device(s))

If you have questions regarding this exception process, please call Theresa Gabriel at (916) 654-5039, calnet number 8- 464-5039.

Sompol Chatusripitak, Chief
Office of ITS Development and Support