

NOVEMBER

Section Lunch Meeting

Thursday, Nov. 10th
Bluetooth Travel Time Technology

The Bluetooth® protocol is a widely used, open standard, wireless technology for exchanging data over short distances. The technology is frequently embedded in mobile telephones, Global Positioning Systems (GPS), computers, and in-vehicle applications such as navigation systems. Each Bluetooth device uses a unique electronic identifier known as a Media Access Control (MAC) address. Conceptually, as a Bluetooth-equipped device travels along a roadway, it can be anonymously detected at multiple points where the MAC address, time of detection, and location are logged. By determining the difference in detection time of a particular MAC address, the travel time between locations can be derived. A significant advantage of the use of Bluetooth MAC addresses for travel time monitoring is that typically only one inconspicuous roadside installation is necessary to capture the unique address of Bluetooth devices traveling in all directions of flow. The Bluetooth concept is especially attractive because of its low capital costs as compared to other methods. The Bluetooth-based systems are ideal for real-time operational and planning use, as well as for evaluating roadway performance measures.

Two vendors who sell Bluetooth travel time equipment, BlueCompass and BlueFax, will provide an overview of this new technology, their individual project experiences, and the performance of their respective equipment.

Date: Thursday, November 10th

Time: 11:30 to 1:00

Location: City of West Sacramento
City Hall
1110 West Capitol Ave
Please park at 1020 West Capitol Ave and then walk to City Hall - See Attached Map

Cost: Free! Lunch sponsored by:



RSVP: Angie Louie
alouie@cityofsacramento.org
(916-808-7921)
by Tuesday, November 8th



Northern California Section of the
Institute of Transportation Engineers

norcalite.org