

UNIVERSITY OF DENVER HOCKEY **DENVER CUP CLASSIC, NOV. 26 & 27** **Tickets Start at \$18**
 Two Games for the Price of One
 ticket gets you in to both games that day! **Click here**

State Farm **SAN FRANCISCO AUGUST 13, 2008**
ATTEND OUR NEXT AGENCY CAREER SEMINAR

State Farm **SAN FRANCISCO AUGUST 13, 2008**
ATTEND OUR NEXT AGENCY CAREER SEMINAR



Site Web Search powered by YAHOO! SEARCH

Search

PART OF THE BAYAREA.COM NETWORK

RSS | Mobile Edition
Newspaper Subscriber Services

Home News Sports Living Entertainment Business Opinion Choose a Publication Help Shopping Classifieds Homes Jobs Cars Post Ad

Advertisement

News

- Bay Area News
- Obituaries
- Traffic
- Crime
- Education
- Special Sections
- Maps

del.icio.us Digg Reddit YahooMyWeb Google Facebook What's this?

Feds to help world's largest traffic tech test

By Erik N. Nelson
Oakland Tribune
Article Last Updated: 06/25/2008 11:04:02 PM PDT

In what is billed as the largest such experiment in the world, a consortium of academics, tech firms and government agencies will use upward of 1,000 drivers from the Bay Area to the Sierras to create a traffic monitoring system virtually overnight.

And all the drivers have to do is bring along new mobile phones as they cruise around for several months expected to begin in September or October.

The phones use global-positioning features to transmit each vehicle's location and speed, and then receive organized data telling drivers of upcoming bottlenecks and alternate routes and even alternatives to driving where available.

The \$12.4 million test, expected to happen later this summer, was announced Wednesday at the Bay Bridge Toll Plaza with the help of Paul Brubaker, administrator of the U.S. Department of Transportation's Research and Innovative Technology Administration.

The administration's new SafeTrip-21 initiative will kick in \$2.9 million to the test as its first grant in the nation.

The test will also check the effectiveness of a collision-avoidance system that uses Wi-Fi technology to help cars sense the proximity of other vehicles.

The test will be a larger version of a successful Feb. 8 experiment involving 100 rental cars driven by University of California students on I-880 between Hayward and Fremont.

Brubaker said the resulting system, set up with commercially available technology, would provide motorists with a much more sophisticated traffic reporting network than even the 5-1-1 system run in the Bay Area.

Advertisement

Most Viewed Most Emailed

(From the last 12 hours)

RSS

- Slate clean for Raiders
- Pool: Former Raiders bash team
- Family mourns 12-year-old Hayward boy's death
- Students suspected of bringing AK-47 to Pinole school
- Man loses part of nose in 29 Palms attack
- Hells Angels leaders arrested after 58 pot plants seized, police say

DIAMOND CERTIFIED
 Need a Top-Rated Contractor, Car Repair Home Service?
FREE!
 Click here to find one

DIAMOND CERTIFIED
 Need a Top-Rated Contractor, Car Repair Home Service?
FREE!
 Click here to find one

Click photo to enlarge

Alexandre Bayen, UC Berkeley Assistant Professor of civil and environmental engineering,...

1 2 A»

And while the phone and Web-based 5-1-1 system is considered one of the nation's best relies on costly road sensors and readers to track electronic FasTrak toll tags, this next generation being tested requires only that motorists carry cell phones with global positioning technology.

Brubaker said the system would provide not only alternate driving routes, but transit routes as well.

"It will know if the buses are running late and what the bus schedule is that day," he said. "That's something 5-1-1 doesn't do."

And Caltrans' Sean Nozzari, deputy director of traffic operations, said it will monitor traffic that currently has no sensors or FasTrak readers, such as routes to other cities.

"Another addition is that it will expand onto local roads," Nozzari said.

The partners conducting the test include UC Berkeley's two transportation technology groups, Partners for Advanced Transit and Highways and the California Center for Innovative Transportation, mobile phone maker Nokia, mapmaker NAVTEQ and carmaker Nissan as well as the Metropolitan Transportation Commission and Santa Clara Valley Transportation Authority.

Contact Erik Nelson at enelson@bayareanewsgroup.com or 510-208-6410 and read the Capricious Commuter blog

Online exclusive
Get a Free Chocolate™ by LG
while supplies last!
with new 2yr activation




ONLY FROM
verizon wireless

[Learn More](#)

[Print](#) [Email](#) [Return to Top](#)

ONLY FROM
verizon wireless

Online exclusive
Get a Free
Chocolate™ by LG
while supplies last!
with new 2yr activation



[Learn More](#)

Top Listings

[CARS](#) [RENTALS](#) [JOBS](#) [HOMES](#)

- [ALAMEDA \(Rentals\)](#)
\$300 up/wk.
- [ALAMEDA \(Rentals\)](#)
Lg. 1 & amp; 2bd
- [SAN LEANDRO \(Rentals\)](#)
2X1 Apt. for immediate
- [Hayward 1BD \(Rentals\)](#)
Click for Details
- [SAN LEANDRO \(Rentals\)](#)
2X1 Apt. for immediate
- [CASTRO VALLEY \(Rentals\)](#)
2BDRM 2BATH
- [SAN LEANDRO \(Rentals\)](#)
2X1 Apt. for immediate

SAN LEANDRO (Rentals)
Walk to Marina Park

CHAPMAN
UNIVERSITY COLLEGE
BAY AREA

*Serving the Unique Needs
of Adult Learners for
Over 50 years*

[Bay Area Traffic Maps](#)

Get free real-time speed & accident reports for the entire Bay Area.
www.sigalert.com

[Bay Area](#)

Browse a huge selection now. Find exactly what you want today.
www.ebay.com

[Bay Area Goodtime DJ's & Karaoke](#)

25 Years Experience - 6000 Events All Styles & Eras of Music.
www.goodtimedj.com

Ads by Yahoo!

The new 265-hp Impreza WRX.[®]
It's a whole new animal.

LOVE.

Drive on concrete, cobblestones, gravel, rocks, sand, rain, sleet, snow, mud, smud, grass, dirt, brick, jungle, cornfields, cotton fields, potholes, bumps, puddles, hills, mountains, rivers, beaches, tundra, ash, wet leaves, weeds, locusts, wood, oil, **effortlessly.**

Home | Classifieds | Real Estate | Jobs | Cars | Place An Ad | Advertise | Subscriber Services | Site Map | RSS

© 2000-20102008 ANG Newspapers | Privacy Policy | Contact Us | Help | [About Bay Area News Group](#)



MediaNews Group - Northern California Network

| [MNG Corporate Site Map](#) | [Copyright](#)