# Intelligent roads

# and intelligent cars to drive on them

By Pat Murphy
statist writer

During a road commission budget
hearing on traffic needs last August,
woman from Orion Township
made a passing reference to the 470
million intelligent highway system
janned initially for Troy, and subsequently all of southeast Oakland
Gounty.

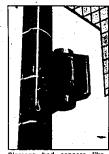
She referred to the ATMS (Advanced Traffic Management System) as "timing the lights."

She was right of course, because
Troy's system involves coordinating
traffic signal sensors and easing congestion
by managing traffic.

But the future of intelligent highways has commous potential, according of Romalo Encoders,
the correlation of the correlational company based in Germany
that has opened a research and development facility in Auburn Hills.

Siemens is one of several international companies vying to develop
and market the in-vehicle technology
that will enable motorists to take
maximum advantage of intelligent
highway systems.

OAKLAND COUNTY is installing



Slemens had sensors like this one at the Hyatt Regency in Dearborn to demonstrate its Ali-Scout system. Others like it will be dotting inter-sections in Troy next year.

the ATMS (Advanced Traffic Man-agement System) to manage traffic and, hopefully, reduce congestion. Siemens is developing a separate in-vehicle component system to help

Toll fees, for example, can be paid by the companies without having in-dividual vehicles stop en route, Knockeart said. "The potential is

individual drivers and commercial carriers.

That In-webicle component is not yet available. But at a press conference Monday Knockeart said his companies hopes to convince automakers to install it as original equipment by the mid 1990s at a projected cost of about \$500 each. The advantage for individual drivers is a directional system that literaty provides guidance for the vehicle. Acting on Information compiled AITMS. The Siemens system –called All-Scout – can advise morists of a traffic jam ahead and project an alternative route.

Information is conveyed on a dashboard screen and communicated to the driver with a synthesized voice.

The system will be most valuable.

ca to the curve min a your valuable, according to Siemens officials, to motorists visiting new cities. Preprogramed information about that city — including the location of assionable restaurants — can be fed into the in-vehicle computer.

IN ITS ADVANCED stage, the in-board computer will enable drivers to reserve a parking space. The in-vehicle system will have even greater application for com-

# Admission test workshops set at OU

Oakland University is again offer-ing workshops to help students pre-pare for admissions tests.

The Continuing Education Divi-sion of OU is sponsoring test prepa-ration workshops for the Graduate School Record (GSR), the Law School Admission Test (LSAT), the Scholastic Apilitude Test (SAT) and

American College Testing (ACT).
Instructors have either master's or doctorate degrees and are trained in stress reduction. Workshops are offered according to the following schedule: schedule:
The five-session GRE work-

The LSAT and SAT workshops will be on three Saturdays beginning Nov. 9, tuition is \$195 and \$100, respectively.
The ACT workshop will be on consecutive Saturdays beginning Nov. 16. Tuition is \$100.
Additional information is available at \$70-3120.

# EMEAC won't oppose ballot issue

REUSING AND REDUCING trash needs to get even greater emphasis before considering incineration, she

said. Harris called the county goal levels, and are probably less damag-for recycling trash ambilious, but ing than incinerators.

necessary.

EMEAC said it favors continued landfill use over incinerators because landfills provide visible evidence of the need to reduce garbage

Ing than Incinerators.

Harris said EMEAC believes that it is necessary to devote more time to studying regional solutions before quickly constructing another Incinerator.

FOOD'S IN BLOOM--SEE TASTE BUDS Every Manday in TASTE

### Concrete step to smart roads:

The first tangible component of Oakland County's intelligent high-way system was installed this week in Troy when Australian advisers held an orientation meeting and helped open the "nerve center" that is expected to ease traffic congestion by managing traffic flow

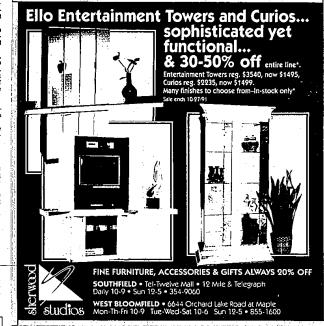
congestion by managerial flow.

"Until now, we've been talking about our intelligent highways," said Lawrence E. Littman, chairman of the Road Commission for Oakland County. "But now we've taken a concrete step."

Littman, a Troy resident, was at the Troy Marriott Monday as tech-nicians from the Road & Traffic Authority of New South Wales in Australia held the orientation ses-sion for road commission employ-ees.

Littman was also next door at the Liberty Center on Big Beaver Road where officials are installing the computers to coordinate and manage traffic flow.

"It's a preliminary step," said Littman. "But an important one."



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