New road signs may be hard on old eyes

New highway signs — with symbols instead of words — are coming in the U.S., but 18 million drivers over 65 may have difficulty seeing

So an Oakland University researcher is working on ways to make the signs more legible and help older drivers by testing for eye prob-

ms. Highway signs and drivers over 65 Highway signs and drivers over 65 were subjects of a recent colloquium at the National Academy of Sciences, Oil psychologist Frank Schieber gave one of the invited papers. It was sponsored by the National Transportation Research Board. "Basically, the government is interested in the graying of America, both on the highway and in the work place." Schieber said, Among the difficulties for older drivers is that new signs will test their ability to see

gray on white, not just black on white.

SCHIEBER DELIVERED a paper on the new technologies in vision testing and collaborated on a paper for a meeting on work place safety productivity.

The researcher said the government is concerned for the elderly because it has decided to shift to symbolic highway signs, replacing written instructions.

The highway changes will require drivers to adjust to new vision stimuli. These signs must give drivers — both young and oid — time to respond.

Schieber said vision testing varies from state to atate, and the new technologies prove that these tests are 'terribly inadequate and are not sensitive to the problems of vision and aging.'

SCHIEBER SAID current tests measure only the ability to see black on white — not how we can see in the real world. He said several people who tested 20-10 on a driving test were in serious danger of hurting themselves or others when tested under the new procedures. Within a decade, Schleber said, drivers no longer will look at letters but at stimuli that are striped patterns. A driver must be able to see grays on grays or writer must be able to see grays on grays or writer. The researcher say thinks a ble to see under dim conditions, a common problem for other drivers. Chieber reasons that, if the 70-tors also must be able to see under dim conditions, a common problem for other drivers. The researcher say thinks a ble to see under dim conditions, a common problem for other drivers. The researcher say thinks a like to above an able to see under the conditions, a common problem for other drivers. The symbols may be too small, the distance too great, the stimulus too vage to comprehend, he said. "There are some poor symbolic signs that will give all the major arteries belief to stand a research that would receive additional lighting. These designs on the road and ready. Schleber also consults with the visual system.

Schleber reasons that, if the 70-tors of the say of the 20-year-old eye seet the sign in time to a 70-year-old eye seet the sign in time to a 70-year-old eye seet the sign in time to a 70-year-old eye seet the sign in time to a 70-year-old eye seet the sign in time to a 70-year-old eye seet the sign in time to a 70-year-old eye seet the sign in time to a 70-year-old eye seet the sign in time to a 70-year-old eye seet the sign in time to a 70-year-old eye seet the sign in time to a 70-year-old eye seet the sign in time to a 70-year-old eye seet the sign in time to a 70-year-old eye seet the sign in time to a 70-year-old eye seet the sign in time to a 70-year-old eye seet the sign time to a 70-year-old eye seet the sign in time to a 70-year-old eye seet the sign in time to a 70-year-old eye seet the sig

Workers turn militant in anti-union climate

Bieber warned.
"There is . . a real danger that the kinds of changes we need to see in terms of new roles and responsibilities for hourly workers will not in fact take place because union workers feel so threatened and put off by management's attitude and by the hostility they face in the larger society that they decide their only defense is traditional militant union-

AP — American unions are threatened by an anti-union climate and bad-faith bargaining on the part of many unionized businesses, United Auto Workers President Owen lieber warned.

There is . . . a real danger that the kinds of changes we need to see in terms of new roles and responsibilities for bourly workers will not in terms of new roles and responsibilities for bourly workers will not in the control of th

WHILE PETERSEN lauded the cooperation among Ford, the UAW and workers that has helped turn the once-troubled company around, Bleber warned against company at-

tempts to "sideline unionism" and "chronic bad faith" on the part of un-

company to addition on the part of unincircle dompanies.

Bleber told the conference that
"union-busting and union-avoidance
strategies are still in the ascendant."
"It would be completely untroand Pollyannash to say that American manufacturers as a whole have
adopted a fundamentally new attitude toward unions and union were
rs," said Bleber. He warned of a
"sustained attack on the American
rade union movement."
"I can assure you that de-unionization will not serve the cause of
strengthening U.S. manufacturing

"If nothing else, the Japanese-owned transplants in this country have provided an example of a more modest and constructive style of management compensation and con-duct than our traditional U.S. mana-gers are accustomed to." he said. Bieber said he takes "some conso-

through worker participation," he said.

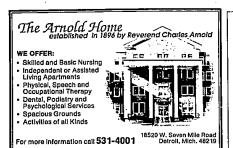
Bieber criticized large executive salaries, benefits and special privileges, while at the same time companies are "asking workers to make acarifices and to entertain new ways of doing things."

lation from the fact that corporations — at least some of them — are waking up to their responsibilities leges, while at the same time companies are "asking workers to make acarifices and to entertain new ways of doing things."

lation from the fact that corporations — at least some of them — are waking up to their responsibilities and waking up as well to the success enjoyed by competitors who do trease trade unions as an ally in competitive sense."

PETERSEN SAID Ford is a "clear example of how companies and unions can dramadically improve their relationships, and of the marvelous things that happen when they do."

Petersen said the company, which had a record \$1.5 billion in losses in



BOOT SALE

Purchase Your Winter Boots at Reduced Prices 1 Week Only. Sport Boots and Dress Boots.

Choose from these Famous Brands.

- COUGAR
- BASTIEN · SPORTO
- BANDOLINO
- ZODIAK • JOYCE • REVELATION

Many more brands available Brands listed not in every store

Roberta Shoes PAPPAGALLO-BIRMINGHAM (Downtown)
TEL-12 (Southfield) TEL-12 (Southfield)
WESTLAND (Westland Center)

WHITE

TAG

GROUP

50%^{OFF}/

limited sizes

.VOUR-OAKLAND COUNTY

CLERK AND

REGISTER

OF DEEDS

Rated by Oakland County Citizens League "Preferred and Well Qualified"

We honor Visa . MasterCard . Diners . American Express

YOUR VOTE DOES COUNT

RE-ELECT



A savings certificate with high interest and short-term flexibility.



\$500 Minimum Deposit

Our 8-month/8% Savings Certificate offers you a very attractive rate of interest without tying up your money for a long time. Available at a Standard Federal branch near you.

Substantial interest penalty for early withdrawal from certificate accounts.

ESUC (£

For more information about the MET program, call our bottle

LIFE-LONG RESIDENT OF OAKLAND COUNTY

COMBAT VETERAN 8th ARMY AIR CORPS
COLLEGE GRADUATE—B.S. / O.D.
A PROVEN COMMUNITY AND COUNTY GOVERNMENT
LEADER, CLERK OF THE YEAR IN MICHIGAN, 1984

YOUR VOTE TO RE-ELECT LYNN D. ALLEN

NOVEMBER 8th, 1988 WILL BE GREATLY APPRECIATED



We focus on performance.

Standard Federal Bank

Customer Information Line

