Residents favor Woodward rapid transport

Slightly more than half of south Oak-land County residents surveyed recently by County Executive Daniel T. Murphy's office favor a proposed Woodward Ayenue subway-surface light rail line to Ten Mile Road.

The Republican county executive last week released the results of a \$6,000 survey conducted by Market States and the survey of the survey of the survey of the survey of the surveyed with the surveyed of the surveyed percent of all those surveyed creased taxes to operate it.

THE SUBWAY engineering money is stalled in the Michigan Legislature by suburban and outstate opponents. SEM-



TA is proposing the light rail run un-derground from downtown Detroit to McNichols (Six Mile) Road and on sur-face to Ten Mile. House Speaker Bobby D. Crim late

'Very little if any of the opposition can be at-tributed to an anti-Detroit bias or any emotional reac-

- County Executive Daniel

last week appointed eight representa-tives to a committee to seek a compro-mise on the impasse. His appointments included five Democrats — Thomas Brown of Westland, Edward Mabalak

of Romulus, Morris Hood Jr. of Detroit, William D. Ryan of Detroit and Gary Vanek of Royal Oak; and three Republicans — Jack Kirksey of Livonia, J. Michael Busch of Saginaw and David Campbell of Clawson.

Ex officio (non-voting) members of the committee will include Gov. William G. Millien, Crim, Detroit Mayor Coleman A. Young, state public transportation chief James Kellogg and a SEMTA representative yet to be selected.

ed.

MURPHY, IN a prepared statement, noted that "a majority (92 percent of those surveyed; continue to oppose Detroit based subway."

Murphy contended "very little — if any — of the opposition can be attributed to an anti-Detroit bias or any other emotional reaction."

The opposition, however, diminished in reaction to extending the light rail line into south Oakland County.

SEMTA allows transfers in Detroit—for some

SEMTA passengers can now transfer between SEMTA buses within the city of Detroit to reach way to be a second of the control of

still prohibited.

Passengers on downtown Detroit
bound buses (other than the Woodward route) who wish to reach the
Grand Blvd. or Wayne areas should
obtain a transfer from their driver.

Passengers should board any SEM-TA bus numbered between 400 and 495 in front of the Coffee Cup res-taurant on Woodward between Con-gress and Fort.

gress and Fort.

Passengers can only leave the
buses at Woodward and Warren,
Woodward and Kirby or Woodward
and Baldimore.

For the return, trip, passengers
must flag any SEMTA bus
unmbered between 400 and 495 at
Woodward and Milwaukee, Woodward and Kirby or Woodward and
Putnam. They can obtain a transfer
on those buses for suburban bound
routes leaving downtown.

Some bacteria know the right way to go

It's been confirmed. Lowly bacteria that may also have far-reaching implihave a sense of direction, just like the birds and bees. Various bacteria found in the southern hemisphere in muddly sediments under both fresh and salt water near "down." The LATERING of the sense of the ern hemisphere in muddy sediments under both fresh and salt water near Christchurch, New Zealand, and Hobart, Australia, swim in a southerly direction using the earth's magnetic field for orientation.

This is the first time south-swimning bacteria have been reported. Bacteria that always head north were discovered in the Northern Hemisphere in 1975.

A team of scientists has verified that like their counter parts in the Northern

"down."

AT THE LATITUDE of Christchurch, for instance, the vertical component of the earth's magnetic field is larger than the horizontal.

Since the bacteria in the water too small to disting uish up from down based on gravity, their buildt-in compasses steet them southward but, more important, downward to their preferred abaltas. Similarly, in the Northern Hemisphere swimming north

A team of scientists has verified that like their counterparts in the Northern Hemisphere, the bacteria down under contain tiny bits of magnetite.

Hemisphere, the bacteria down under contain tiny bits of magnetite. An iron oxide, the substance acts as an internal compass for the bacteria.

The ancients called magnetite lodestone and used it to make ships' com-

stone and used it to make ships' compasses.
The scientists who discovered the south-swimming bacteria in New Zealand and Australia include Richard P. and Nancy A. Blakemore, University of New Hampshire, Richard B. Frankel, Massachusetts Institute of Technology, and Adrianus J. Kalmiji, Woods Hos, Albas been supported by the National Geographic Society, the National Geographic Society, the National Science Foundation, and the Office of Naval Research.

"We believe that bacteria in both hemispheres use the earth's magnetic field to find their most suitable habitat, the muddy sediments below," ex-plained the scientists. "It's a unique and biologically advantageous response

Housewife sells

'glass plate' for \$40; worth \$1,800

In a letter to J. R. Mac-Arthur, chairman of the Bradford Exchange, world's largest trading cen-ter in collector's plates, a Madison, Wisc., woman wrote; "I had a Lalique 186 plate ... which I soft to a litted for \$40. I had not heard of you at that time."

The plate she sold in actually valued at more than \$1,800. Although MacArthur points out that this price is exceptionally higher he said, "I'm afraid others may be losing hundreds or thousands of dollars by not knowing what their plates are worth."

ADVERTISEMENT, (4) (4) (4) (4) (4) (4)

means swimming down.

The evidence that bacteria in both hemispheres can sort out directions using their own compasses has far-reaching biological implications. For years, scientists have suspected that many animals may be using the earth's magnetic field to orient themselves on long migrations, or even on short trips from a home hase.

Recently, other researchers found magnetite in pigeon skulls and in the abdomens of bees. Both creatures have extraordinary homing ability.

So far, few studies have been undertaken to determine how much if any magnetite might be contained in the human body and what role it might play there. But if an organism as simple as a bacterium can produce its own

play there. But it an orgamism as simple as a bacterium can produce its own magnetite, why can't humans, ask the scientists.

As for the "magnetotactic" bacteria, their highly efficient compass needles may be of enormous value to modern technology and medicine someday.

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to be the guest of Botsford General Hospital at a series of seminar-discussions sponsored by the hospital as another reflection of our continuing community education projects. The sessions will be lead by Botsford staff physicians; and of course, there is no charge to anyone who wishes to avail themselves of this opportunity to learn more about the "dos and don'ts" of good health care. Check the schedule below to see which topics interest your. Then, call us at 476-7600, extension 408, or 476-1638 to make reservations to attend the program(s) of your choice. All assolinos will be held in the classrooms of the Botsford Professional Building (immediately to the West and adjacent to the hospital proper).

Day, Date, Time and Location	Topic	Physician Instructor
Tues., 3-25-80 7 p.m. Room 203	Hysterectomy	R. Dock, D.O.
Thurs., 4-10-80 7 p.m. Room 201	Menopause	P. Adler, D.O., Chairman, Department of OB-GYN
Mon., 4-14-80 7 p.m. Room 201	Impotence	R. Wadle, D.O.
Mon., 4-21-80 7 p.m. Room 202	Significance of Blood in the Urine	S. Roth, D.O.
Mon., 4-28-80 7 p.m. Room 203	Male Sterilization (Vasectomy)	G. Swiacki, D.O.
Mon., 5-5-80 7 p.m. Room 203	Breast Self Examination and Operative Procedures for Breast Tumors	L. Spagnuolo, D.O. Chairman, Department of Surgery
Mon., 5-12-80 7 p.m. Room 201	Bed Wetting	J. Lanesky, D.O.
Mon., 5-19-80 7 p.m. Room 203	What You Should Know About Tumors	M. Lodish, D.O.
Mon., 6-2-80 7 p.m. Room 203	Emergency Medicine	R. Lagerveld, D.O. Chairman, Department of Emergency Medicine
Mon., 6-9-80 7 p.m. Room 201	Problems of the Senior Citizen	E. Blumberg, D.O.

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