

# State has its own silicon center

California has its Silicon Valley. Boston has Route 128, and North Carolina the Research Triangle.

Not to be left out, Michigan has what some have come to call the Silicon Ridge.

Silicon Ridge runs from Troy in the east, through Farmington Hills and west to Ann Arbor. Similar to other locales where high technology industries have clustered, the Silicon Ridge previously was farmland.

ORCHARDS and vineyards once traversed the Silicon Valley. Potatoes and vegetable farms were planted along Route 128, and rich tobacco fields were found in the metropolitan areas around Farmington Hills and Durham, North Carolina.

But it took more than the availability of rich farmland to cultivate high technology industries. Major concentrations of high technology industries have similar and important characteristics which aided their growth and expansion as well as their attraction to other high tech industries.

Each of the three developed around two or three major research universities. The Silicon Valley had the University of California at Berkeley, and Stanford University at Palo Alto.

Route 128 had Harvard and Massachusetts Institute of Technology. The Silicon Valley had the University of Michigan at Ann Arbor, and North Carolina State at Raleigh.

ALONG WITH this education-research environment came a highly sophisticated and well-trained work force of Ph.D.s, engineers and research scientists. The quality of life in these areas also aided in drawing in new blood to add to the already highly skilled work force.



high tech  
**Ronald R. Watcke**

Each high tech cluster is located in close proximity to a major urban population center. This allowed for greater congressional representation, thus increasing the potential for more and larger government contracts.

Coupled with large endowments from the private sector, the universities were able to attract some of the most sought after scholars and scientists in the country and from abroad.

Looking at a map of the United States, one can readily see the Silicon Valley represents high technology in the West. Route 128 around Boston depicts the East, and the Research Triangle portrays high tech in the South.

Missing from the map is a high tech center geographically located in the Midwest. The two obvious metropolitan areas are Chicago and greater Detroit.

I believe Detroit has the clear-cut advantage based upon its international reputation as the leading tool manufacturing and metal machining center. Metropolitan Detroit also scores high on the list of factors which made the other high tech centers successful.

THE DETROIT METROPOLITAN area has several major research universities. There is Wayne State, the University of Michigan in Ann Arbor and Oakland University in Rochester. In addition, Mich-

igan State University with its molecular biology research is less than 100 miles away.

The quality of life in southeastern Michigan is excellent with numerous cultural and recreational opportunities. All four major universities are well-respected and have a track record of receiving significant federal contracts as well as private gifts and grants.

Another factor in metro Detroit's favor is substantial amounts of venture capital available for investment. Also, state government is committed verbally and financially to attract new and expand extant high technology industries.

It is not premature to refer to the area as Michigan's Silicon Ridge. Estimates indicate between 100 and 125 high technology industries located on and around the Silicon Ridge.

Approximately 30 companies are in Troy alone, with an additional 20 in the Ann Arbor-Plymouth area. The remaining high tech industries are in Farmington Hills, Rochester, Southfield, Redford and Livonia.

HERE ARE a few high technology industries and their location on the Silicon Ridge.

ADP, Ann Arbor; Bernal Rotary Systems, Troy; Burroughs Corp., Plymouth; DeVille, Ann Arbor; Energy Conversion Devices, Troy; Ex-Cella, Troy.

Gelman Sciences, Ann Arbor; GMF Robotics, Troy; Honeywell, Southfield; IHI-Kemron, Farmington Hills; Incomp Computer Centers, Troy; Lucas Industries, Troy.

Meteor Photo, Troy; Photon Sources, Livonia; Reisman Products Corp., Redford; Rockwell International, Troy; Steger Electric, Livonia; Troy Design Services, Troy; Xerox Corp., Southfield. A Troy resident, Ronald Watcke, is dean of liberal arts at Wayne County Community College.

## LABOR DAY WEEKEND MALL HOURS

**SATURDAY**  
10:00 AM to 6:00 PM - All stores

**SUNDAY**  
Saks Fifth Avenue & Bonwit Teller  
Open 11:00 AM to 6:00 PM  
Mall shops open Noon to 5:00 PM

**MONDAY**  
Saks Fifth Avenue & Bonwit Teller  
Open 10:00 AM to 6:00 PM  
Mall shops open Noon to 5:00 PM

**SOMERSET MALL**  
Big Beaver Road at Coolidge, Troy

## Michael Landon says: "Save a bundle"

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**KODACOLOR 110-12 Exposure 1.72**

**FILM SIZE**

FILM SIZE	YOUR COST
110-12 Exposure	1.72
125-12 Exposure	1.91
110-24 Exposure	2.37
125-24 Exposure	2.47
135-24 VR 100 NEW!	2.47
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135-24 VR 200 NEW!	2.76
135-36 VR 200 NEW!	3.49
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#849 Telegraph Rd

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#851 North Main St  
#852 North Center  
#853 Prospect Hill St

**PITTSFIELD TOWNSHIP**  
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#855 North Main St  
#856 South Main St  
#857 Grand River  
#858 Greenfield & Main St  
#859 Prospect Hill St

## Wiggs ends the Summer Storewide Sale to end all summer sales.

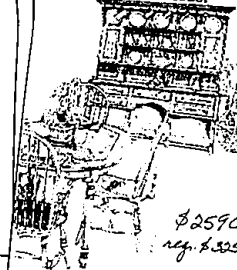
Wiggs presents the Summer Storewide Sale that'll make you settle for nothing less.



Wiggs presents the Summer Storewide Sale that'll make you materialistic about furniture.

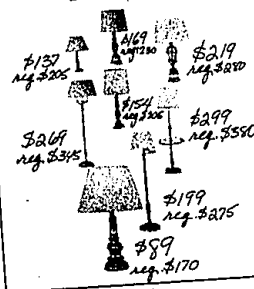


Wiggs presents the Summer Storewide Sale that'll make your dining room delicious!



### Last 3 days for storewide savings.

Wiggs presents the Summer Storewide Sale that'll make your day a little brighter!



Right now, during the final 3 days of Wiggs' spectacular Summer Sale, you can save on quality home furnishings from every department in the store. For 3 days only, everything you see here will be dramatically reduced—everything from bedroom, dining room and living room sets to china to some of the most unusual accent pieces you're likely to see. Better hurry though, because it all ends Saturday, September 3.

Don't miss your chance for sizzling savings on these and other beautiful, top-quality home furnishings during the final 3 days of Wiggs' spectacular Summer Sale.

It's the summer sale to end all summer sales...including Wiggs!



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Wiggs presents the Summer Storewide Sale that'll make you a genuine furniture lover!

